

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101718\
 Data File : BF109915.D
 Acq On : 17 Oct 2018 11:02
 Operator : JU/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

Sohil
 10/18/2018 2:04:06 PM

Quant Time: Oct 17 12:38:52 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF101518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 16 14:58:24 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.98	152	256022	20.00	ng	0.00
21) Naphthalene-d8	8.27	136	1046836	20.00	ng	0.00
39) Acenaphthene-d10	10.03	164	489735	20.00	ng	0.00
64) Phenanthrene-d10	11.52	188	918964	20.00	ng	0.00
76) Chrysene-d12	14.16	240	677781	20.00	ng	0.00
87) Perylene-d12	15.69	264	484294	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.60	112	1242502	76.93	ng	0.00
7) Phenol-d6	6.60	99	1569689	78.27	ng	0.00
23) Nitrobenzene-d5	7.55	82	1370864	88.22	ng	0.00
42) 2,4,6-Tribromophenol	10.82	330	362425	85.48	ng	0.00
45) 2-Fluorobiphenyl	9.34	172	2338828	76.20	ng	0.00
79) Terphenyl-d14	13.10	244	2350996	72.84	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.86	88	347570	37.888	ng	92
3) Pyridine	3.63	79	798478	39.042	ng	87
4) n-Nitrosodimethylamine	3.59	42	318421	38.167	ng	100
6) Aniline	6.65	93	1053895	38.993	ng	# 53
8) 2-Chlorophenol	6.76	128	713207	39.421	ng	96
9) Benzaldehyde	6.53	77	498915	38.280	ng	97
10) Phenol	6.61	94	840403	38.811	ng	# 64
11) bis(2-Chloroethyl)ether	6.72	93	687348	37.964	ng	95
12) 1,3-Dichlorobenzene	6.92	146	767549	38.690	ng	98
13) 1,4-Dichlorobenzene	7.00	146	772729	38.676	ng	98
14) 1,2-Dichlorobenzene	7.16	146	718602	39.059	ng	98
15) Benzyl Alcohol	7.12	79	611299	39.618	ng	92
16) 2,2'-oxybis(1-Chloropropan	7.25	45	1104044	37.152	ng	68
17) 2-Methylphenol	7.22	107	567067	38.870	ng	# 81
18) Hexachloroethane	7.50	117	278095	39.387	ng	100
19) n-Nitroso-di-n-propylamine	7.39	70	479404	37.228	ng	95
20) 3+4-Methylphenols	7.37	107	726688	39.253	ng	# 88
22) Acetophenone	7.39	105	923511	38.041	ng	# 97
24) Nitrobenzene	7.56	77	716987	42.471	ng	97
25) Isophorone	7.80	82	1160808	38.016	ng	98
26) 2-Nitrophenol	7.88	139	334687	47.815	ng	91
27) 2,4-Dimethylphenol	7.90	122	574701	39.075	ng	96
28) bis(2-Chloroethoxy)methane	8.01	93	794908	37.933	ng	99
29) 2,4-Dichlorophenol	8.12	162	574863	40.291	ng	100
30) 1,2,4-Trichlorobenzene	8.20	180	628827	39.363	ng	96
31) Naphthalene	8.29	128	1845011	38.434	ng	99
32) Benzoic acid	8.00	122	328334m	35.829	ng	
33) 4-Chloroaniline	8.33	127	847407	39.270	ng	98
34) Hexachlorobutadiene	8.40	225	340468	38.649	ng	98
35) Caprolactam	8.70	113	200282	39.526	ng	# 86
36) 4-Chloro-3-methylphenol	8.80	107	605566	40.233	ng	95
37) 2-Methylnaphthalene	8.98	142	1213917	39.053	ng	98
38) 1-Methylnaphthalene	9.08	142	1170003	38.844	ng	100
40) 1,2,4,5-Tetrachlorobenzene	9.15	216	584214	38.730	ng	99

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101718\
 Data File : BF109915.D
 Acq On : 17 Oct 2018 11:02
 Operator : JU/SJ
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleID :
 SSTDC0040

Manual Integrations
 APPROVED

Sohil
 10/18/2018 2:04:06 PM

Quant Time: Oct 17 12:38:52 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF101518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 16 14:58:24 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.13	237	293538	40.318	nq	99
43) 2,4,6-Trichlorophenol	9.25	196	383304	40.638	nq	94
44) 2,4,5-Trichlorophenol	9.29	196	402900	41.157	nq	94
46) 1,1'-Biphenyl	9.45	154	1671886	38.317	nq	99
47) 2-Chloronaphthalene	9.47	162	1242287	38.652	nq	97
48) 2-Nitroaniline	9.56	65	387681	47.002	nq	96
49) Acenaphthylene	9.89	152	1796226	38.470	nq	96
50) Dimethylphthalate	9.74	163	1347552	38.859	nq	99
51) 2,6-Dinitrotoluene	9.80	165	310118	47.084	nq	95
52) Acenaphthene	10.06	154	1162959	39.123	nq	98
53) 3-Nitroaniline	9.97	138	372427	46.483	nq	93
54) 2,4-Dinitrophenol	10.07	184	73493	40.035	nq	96
55) Dibenzofuran	10.23	168	1642242	38.738	nq	96
56) 4-Nitrophenol	10.12	139	275910	45.132	nq	88
57) 2,4-Dinitrotoluene	10.21	165	393412	47.353	nq	# 84
58) Fluorene	10.57	166	1184519	38.383	nq	100
59) 2,3,4,6-Tetrachlorophenol	10.35	232	331241	42.695	nq	97
60) Diethylphthalate	10.44	149	1297099	37.871	nq	97
61) 4-Chlorophenyl-phenylether	10.56	204	625156	38.889	nq	99
62) 4-Nitroaniline	10.59	138	356568	47.014	nq	89
63) Azobenzene	10.73	77	1336667	37.357	nq	94
65) 4,6-Dinitro-2-methylphenol	10.62	198	131760	40.964	nq	88
66) n-Nitrosodiphenylamine	10.68	169	1163759	38.023	nq	96
67) 4-Bromophenyl-phenylether	11.06	248	380581	38.214	nq	95
68) Hexachlorobenzene	11.12	284	404998	38.135	nq	# 89
69) Atrazine	11.20	200	376313	39.361	nq	99
70) Pentachlorophenol	11.32	266	252304	41.745	nq	97
71) Phenanthrene	11.55	178	1792912	37.686	nq	99
72) Anthracene	11.59	178	1817482	37.998	nq	99
73) Carbazole	11.75	167	1801597	38.326	nq	98
74) Di-n-butylphthalate	12.07	149	1953433	37.236	nq	100
75) Fluoranthene	12.73	202	1842014	38.757	nq	98
77) Benzdine	12.85	184	911457	35.074	nq	98
78) Pyrene	12.96	202	1886139	37.889	nq	99
80) Butylbenzylphthalate	13.57	149	814638	40.477	nq	100
81) Benzo(a)anthracene	14.15	228	1527768	38.268	nq	98
82) 3,3'-Dichlorobenzidine	14.11	252	542150	38.736	nq	99
83) Chrysene	14.19	228	1421243	37.401	nq	98
84) Bis(2-ethylhexyl)phthalate	14.12	149	1031238	38.941	nq	95
85) Di-n-octyl phthalate	14.74	149	1508161	40.394	nq	98
86) Indeno(1,2,3-cd)pyrene	17.25	276	1089250	35.601	nq	# 93
88) Benzo(b)fluoranthene	15.23	252	1117065	40.009	nq	98
89) Benzo(k)fluoranthene	15.26	252	1103946	40.114	nq	# 97
90) Benzo(a)pyrene	15.62	252	1000795	38.973	nq	98
91) Dibenzo(a,h)anthracene	17.27	278	906326	39.826	nq	97
92) Benzo(g,h,i)perylene	17.73	276	921014	40.056	nq	# 94

(#) = qualifier out of range (m) = manual integration (+) = signals summed

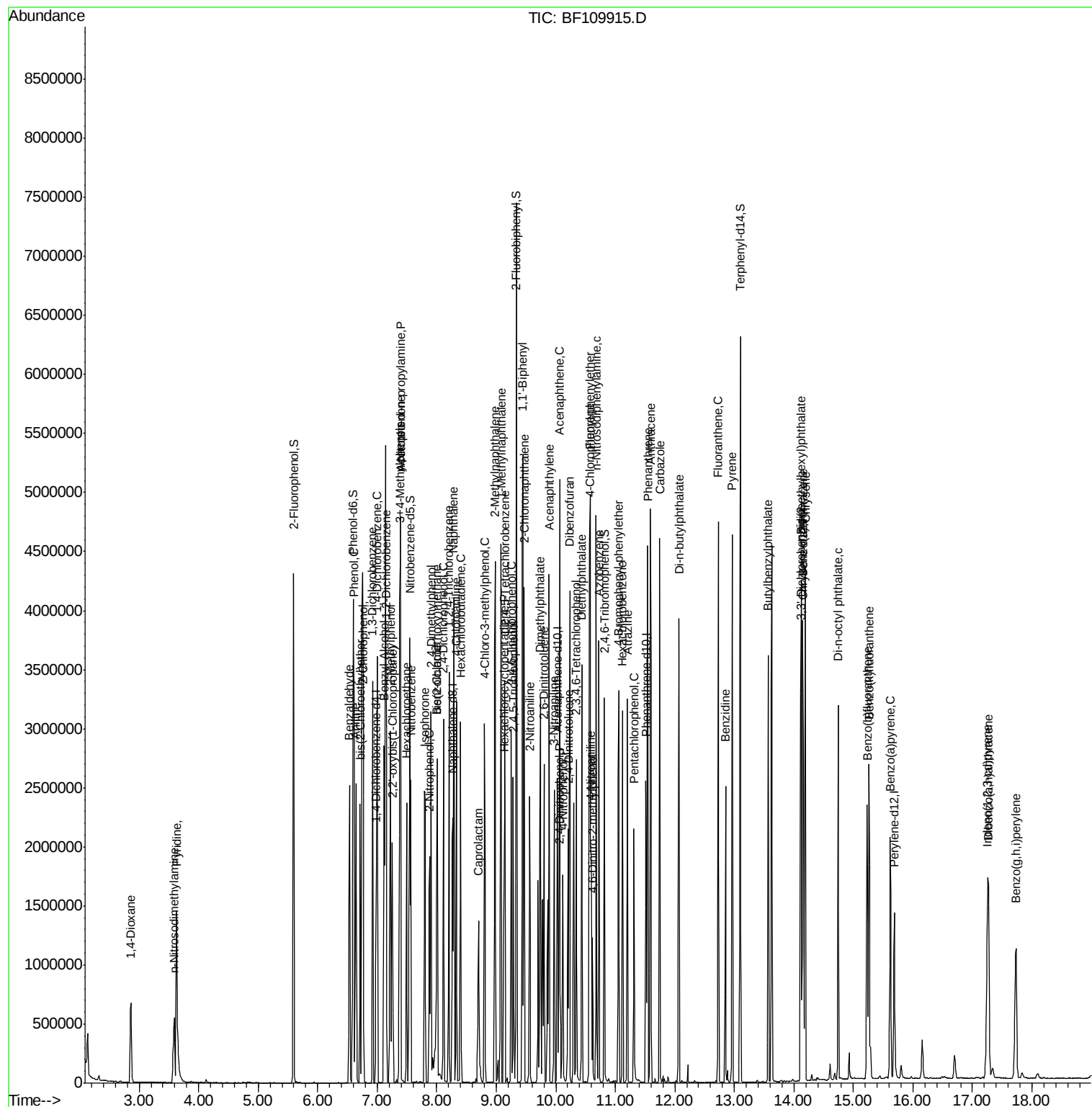
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101718\
Data File : BF109915.D
Acq On : 17 Oct 2018 11:02
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

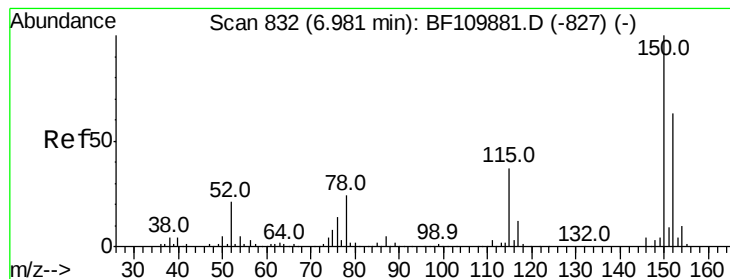
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations
APPROVED

Sohil
10/18/2018 2:04:06 PM

Quant Time: Oct 17 12:38:52 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF101518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 16 14:58:24 2018
Response via : Initial Calibration





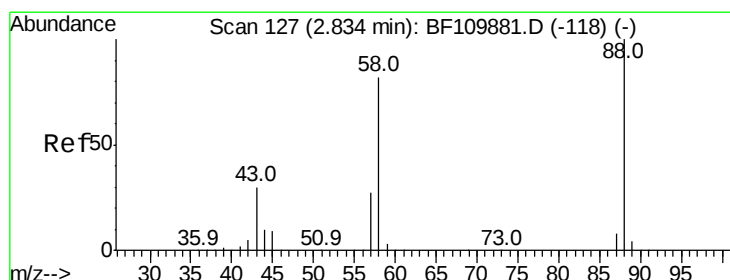
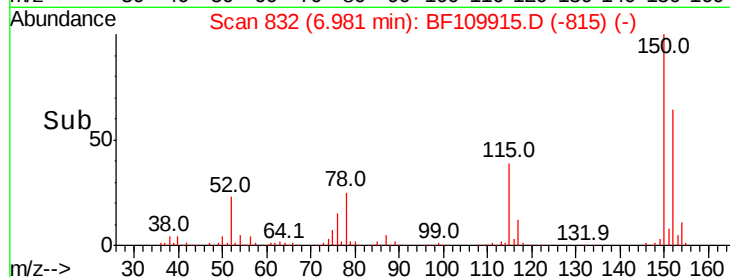
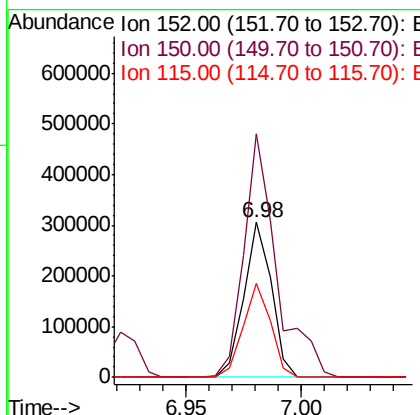
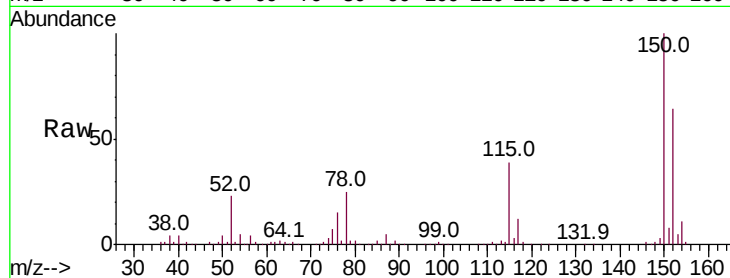
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.98 min Scan# 832
 Delta R.T. -0.00 min
 Lab File: BF109915.D
 Acq: 17 Oct 2018 11:02

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.1	122.7	184.1
115	60.6	49.1	73.7

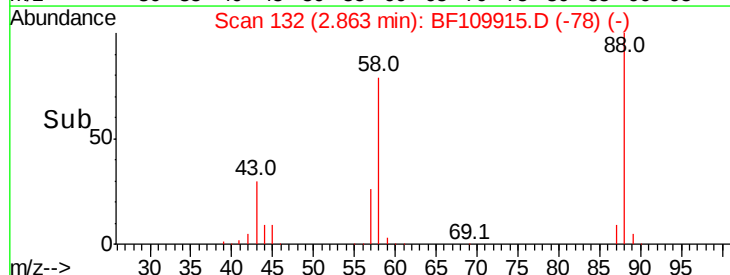
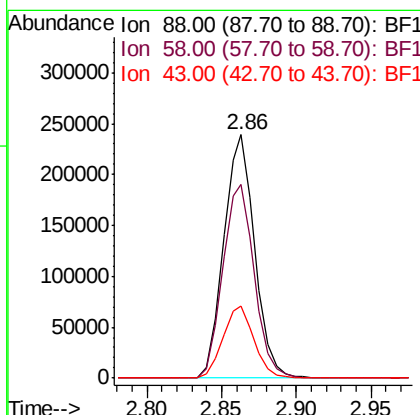
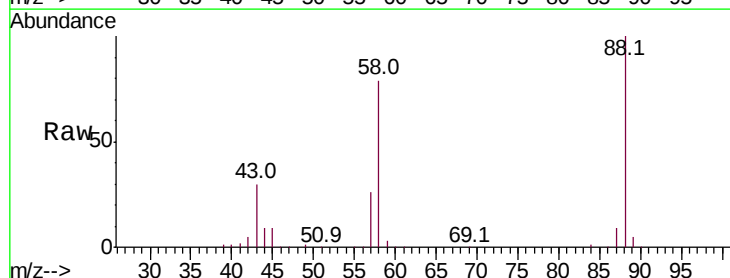
Manual Integrations
 APPROVED

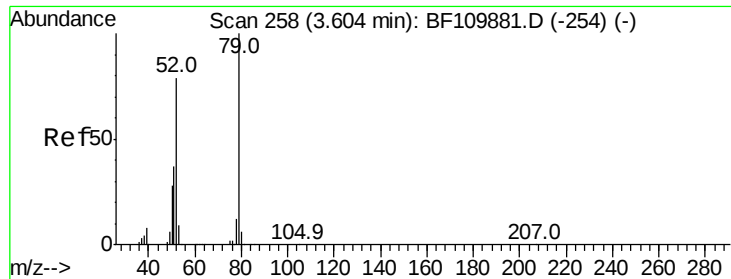
Sohil
 10/18/2018 2:04:06 PM



#2
 1,4-Dioxane
 Concen: 37.888 ng
 RT: 2.86 min Scan# 132
 Delta R.T. 0.02 min
 Lab File: BF109915.D
 Acq: 17 Oct 2018 11:02

Tgt Ion	Ratio	Lower	Upper
88	100		
58	80.8	57.1	85.7
43	29.8	24.1	36.1





#3

Pvridine

Concen: 39.042 ng

RT: 3.63 min Scan# 262

Delta R.T. 0.01 min

Lab File: BF109915.D

Acq: 17 Oct 2018 11:02

Instrument :

BNA_F

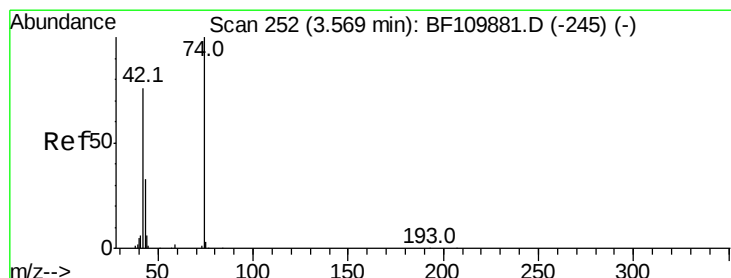
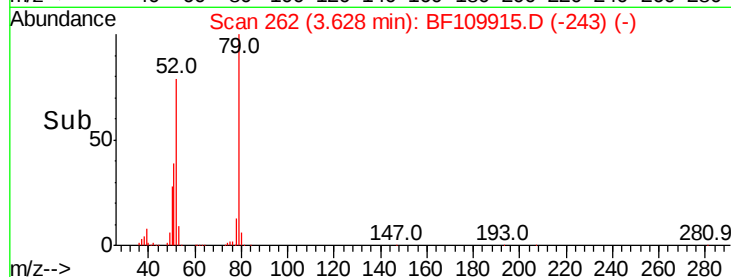
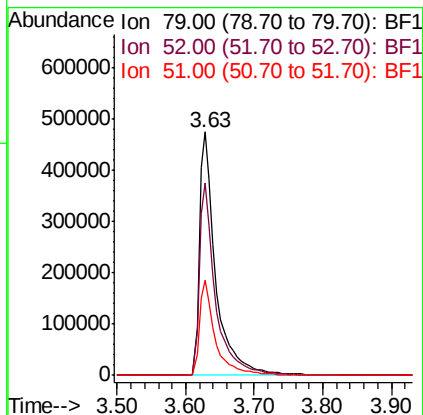
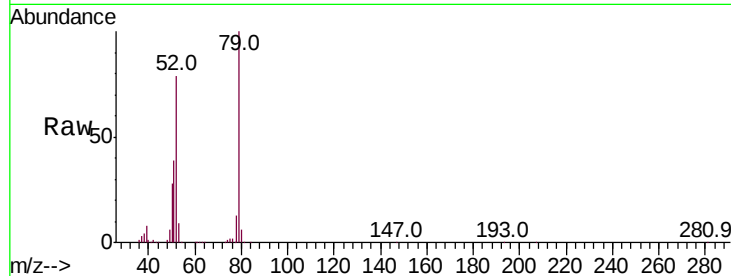
ClientSampleId :

SSTDCCC040

Tot Ion:	79	Resp:	798478
Ion Ratio	Lower	Upper	
79	100		
52	79.1	53.1	79.7
51	39.1	27.4	41.2

Manual Integrations
APPROVED

Sohil
10/18/2018 2:04:06 PM



#4

n-Nitrosodimethylamine

Concen: 38.167 ng

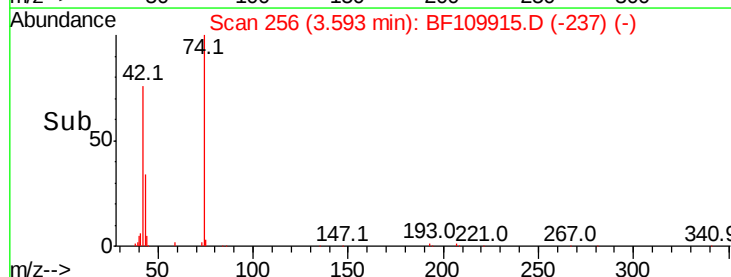
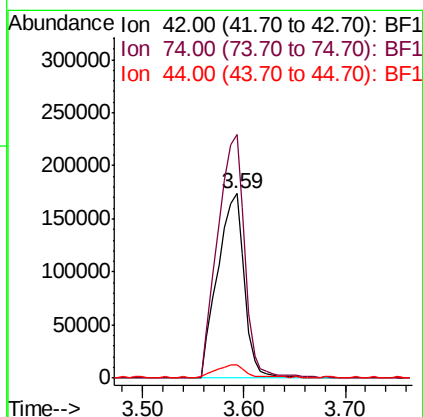
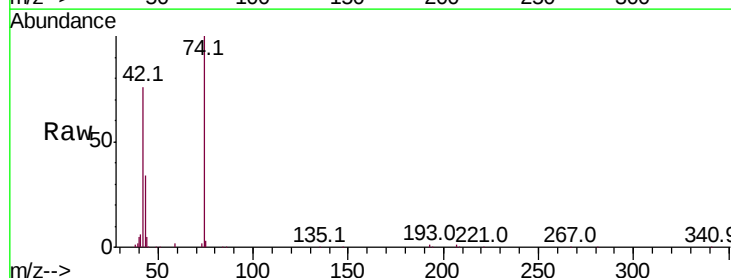
RT: 3.59 min Scan# 256

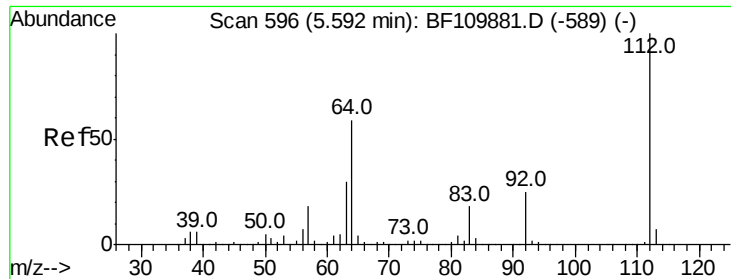
Delta R.T. 0.01 min

Lab File: BF109915.D

Acq: 17 Oct 2018 11:02

Tgt Ion:	42	Resp:	318421
Ion Ratio	Lower	Upper	
42	100		
74	132.0	105.5	158.3
44	7.0	4.9	7.3





#5

2-Fluorophenol

Concen: 76.928 ng

RT: 5.60 min Scan# 597

Delta R.T. -0.00 min

Lab File: BF109915.D

Acq: 17 Oct 2018 11:02

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion: 112 Resp: 1242502

Ion Ratio Lower Upper

112 100

64 57.5 44.1 66.1

63 29.8 23.7 35.5

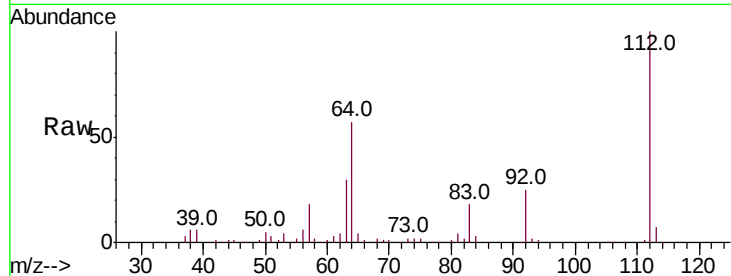
Manual Integrations

APPROVED

Sohil

10/18/2018 2:04:06 PM

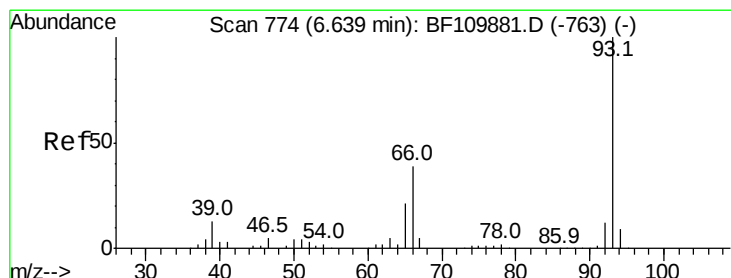
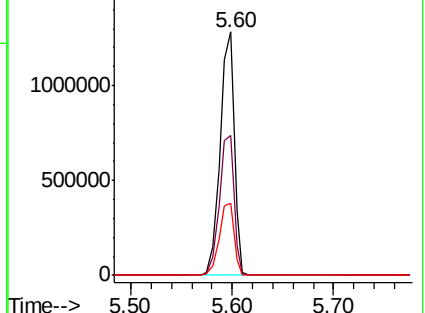
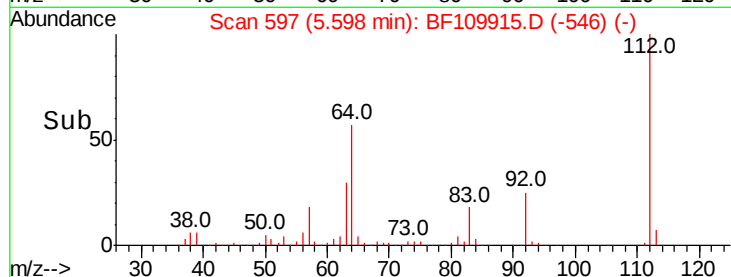
10/18/2018 2:04:06 PM



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 38.993 ng

RT: 6.65 min Scan# 775

Delta R.T. -0.00 min

Lab File: BF109915.D

Acq: 17 Oct 2018 11:02

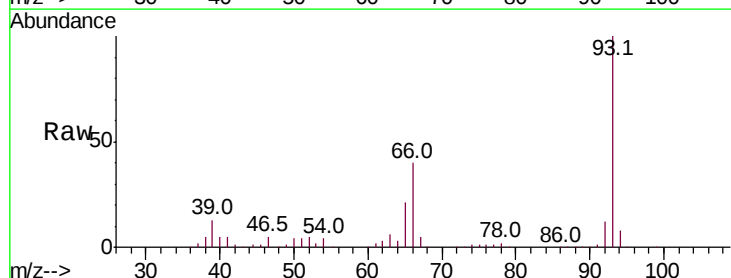
Tgt Ion: 93 Resp: 1053895

Ion Ratio Lower Upper

93 100

66 39.9 67.4 101.0#

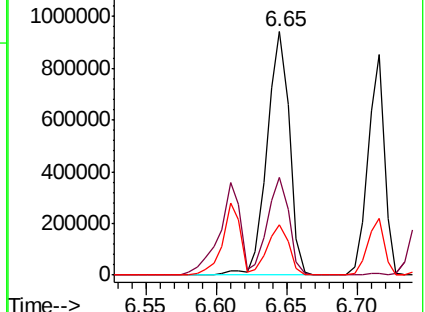
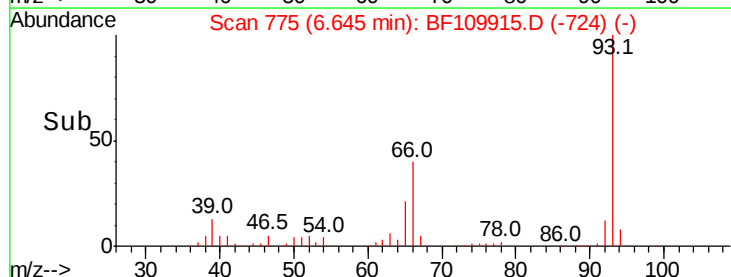
65 20.9 41.0 61.4#

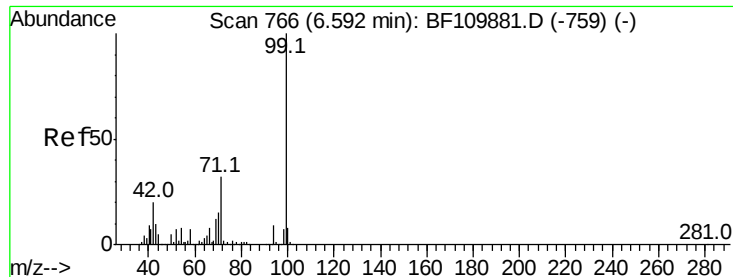


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 78.266 ng

RT: 6.60 min Scan# 767

Delta R.T. -0.01 min

Lab File: BF109915.D

Acq: 17 Oct 2018 11:02

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion: 99 Resp: 1569689

Ion Ratio Lower Upper

99 100

42 18.4 15.8 23.6

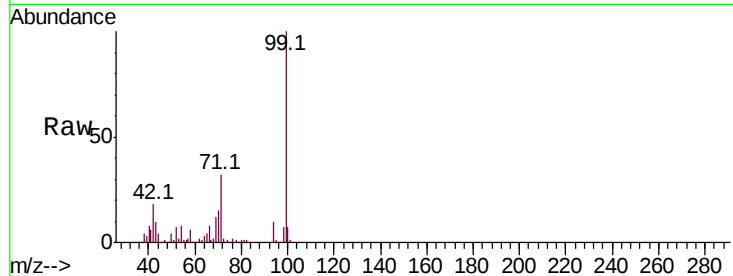
71 32.5 28.0 42.0

Manual Integrations

APPROVED

Sohil

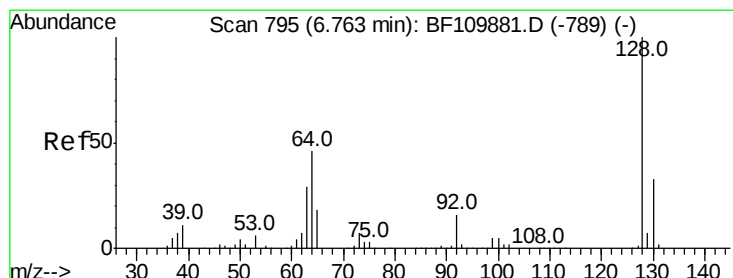
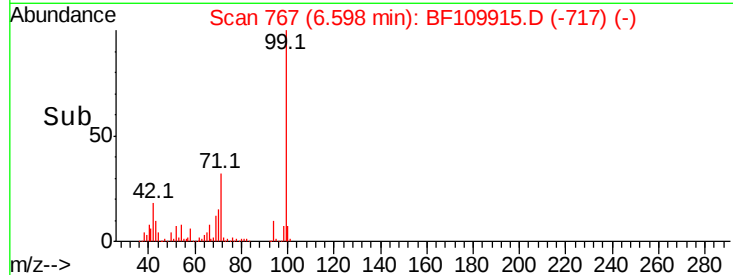
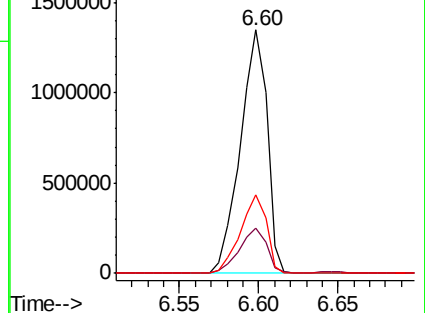
10/18/2018 2:04:06 PM



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 39.421 ng

RT: 6.76 min Scan# 795

Delta R.T. -0.01 min

Lab File: BF109915.D

Acq: 17 Oct 2018 11:02

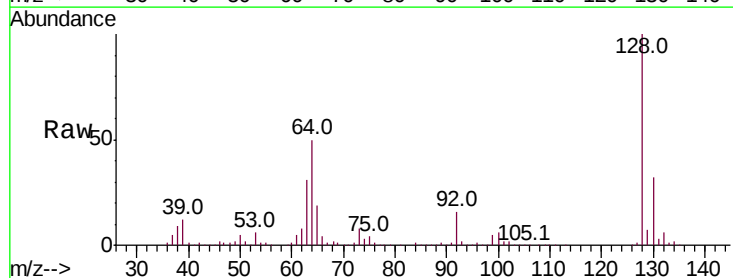
Tgt Ion: 128 Resp: 713207

Ion Ratio Lower Upper

128 100

130 32.4 13.1 53.1

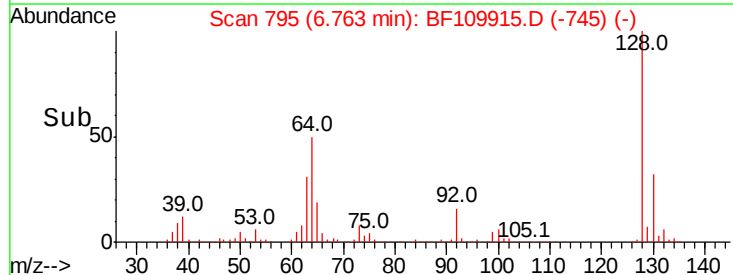
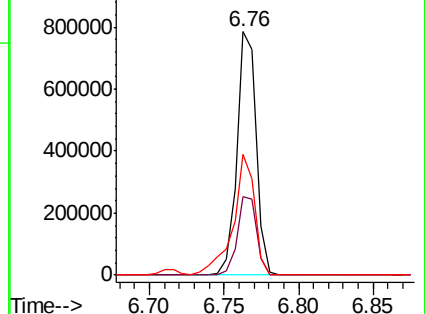
64 49.6 26.0 66.0

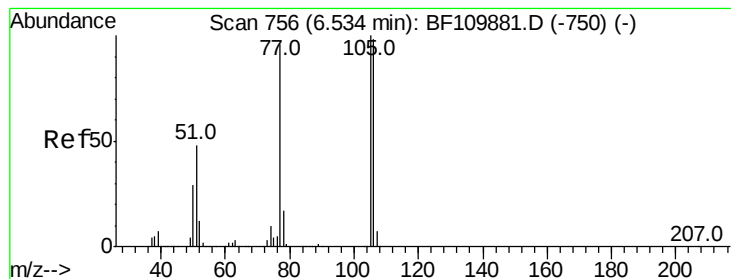


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 38.280 ng

RT: 6.53 min Scan# 756

Delta R.T. -0.00 min

Lab File: BF109915.D

Acq: 17 Oct 2018 11:02

Instrument :

BNA_F

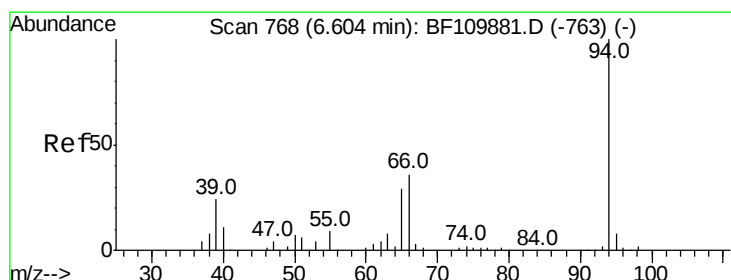
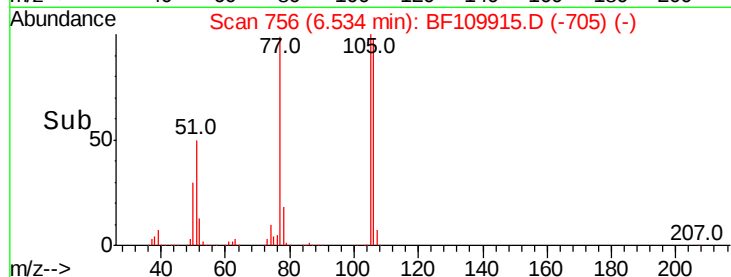
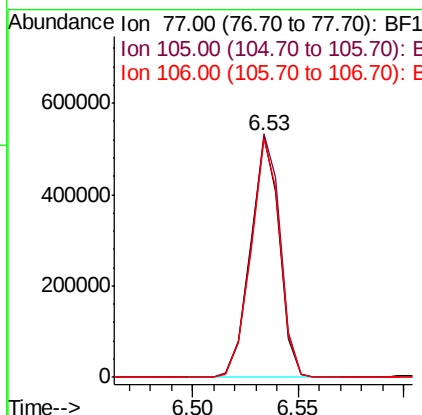
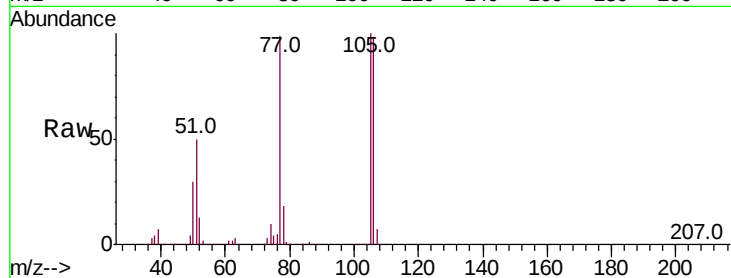
ClientSampleId :

SSTDCCC040

Tot Ion	Ratio	Lower	Upper
77	100		
105	101.0	78.6	118.6
106	98.8	74.8	114.8

Manual Integrations
APPROVED

Sohil
10/18/2018 2:04:06 PM



#10

Phenol

Concen: 38.811 ng

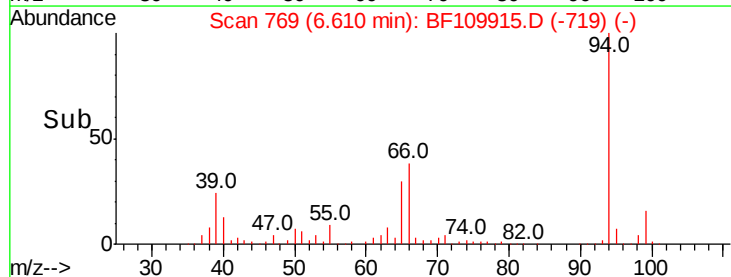
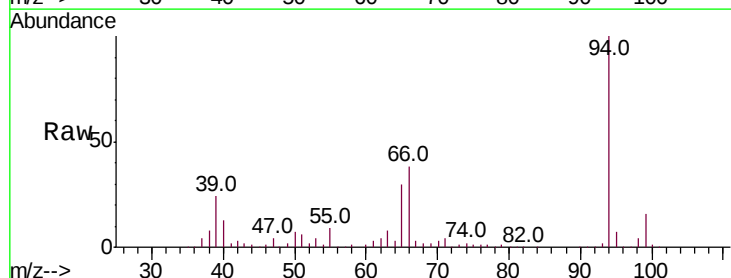
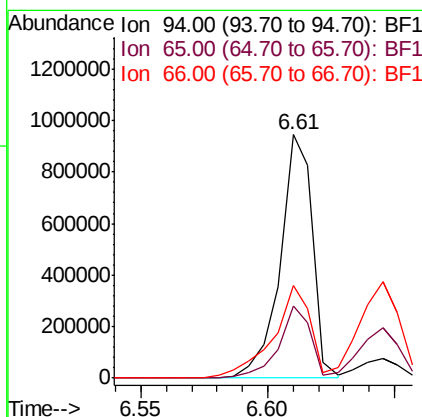
RT: 6.61 min Scan# 769

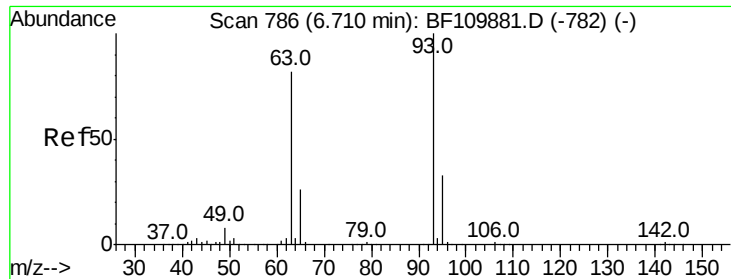
Delta R.T. -0.01 min

Lab File: BF109915.D

Acq: 17 Oct 2018 11:02

Tgt Ion	Ratio	Lower	Upper
94	100		
65	29.7	25.3	65.3
66	38.0	54.5	94.5#





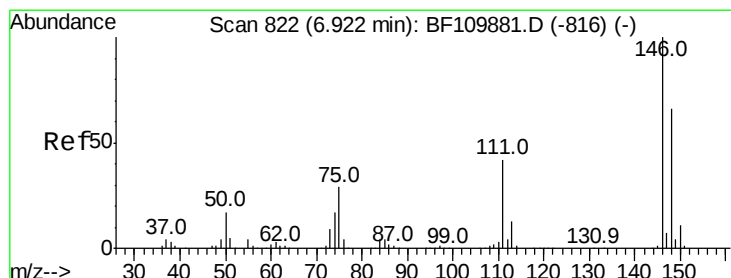
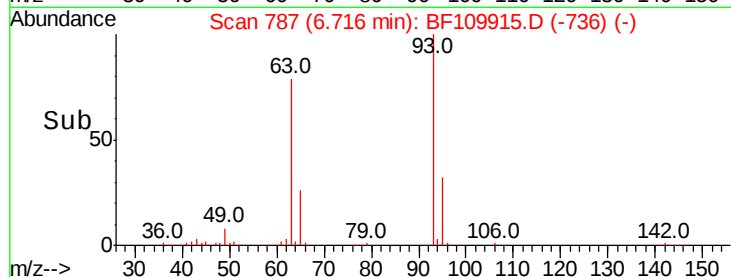
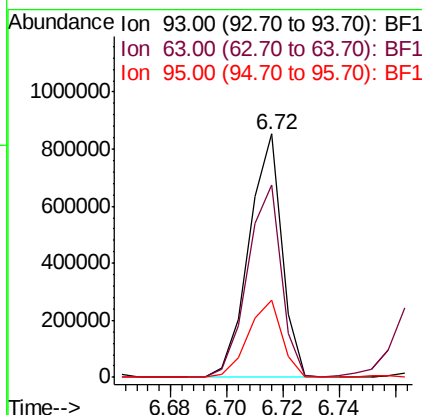
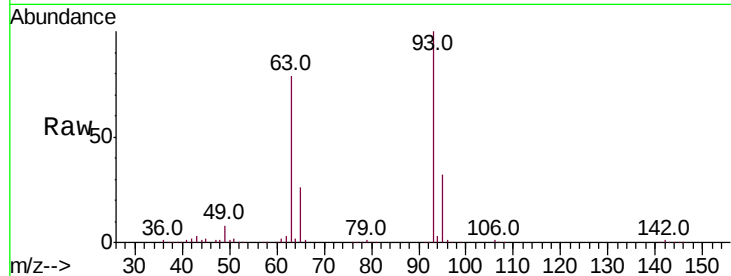
#11
bis(2-Chloroethyl)ether
Concen: 37.964 ng
RT: 6.72 min Scan# 787
Delta R.T. -0.00 min
Lab File: BF109915.D
Acq: 17 Oct 2018 11:02

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
93	100		
63	79.1	53.4	93.4
95	31.9	12.1	52.1

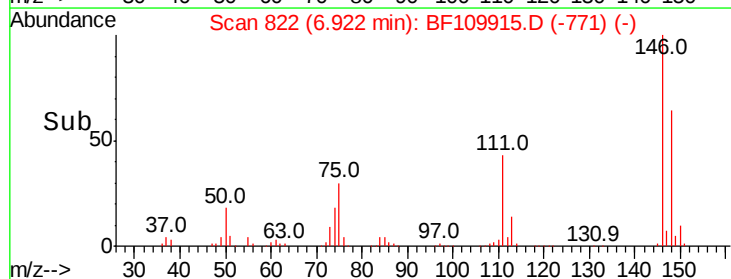
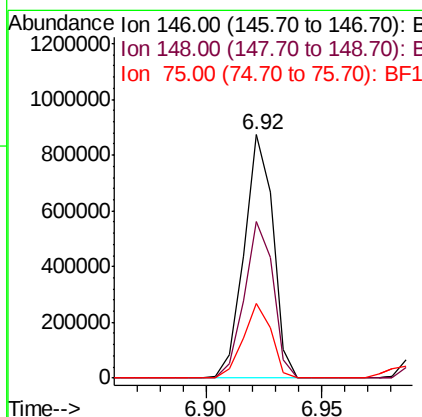
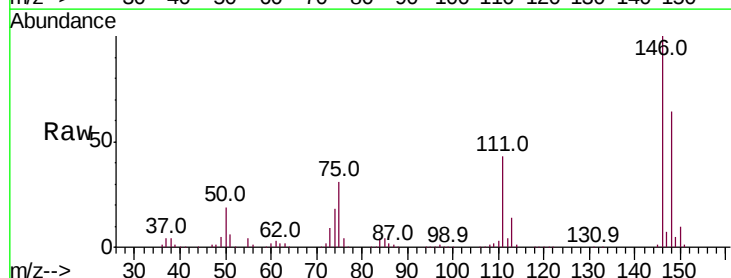
Manual Integrations
APPROVED

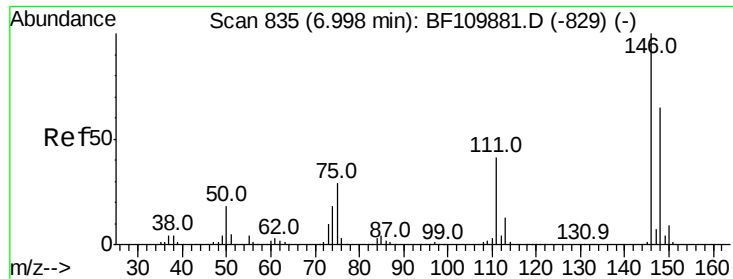
Sohil
10/18/2018 2:04:06 PM



#12
1,3-Dichlorobenzene
Concen: 38.690 ng
RT: 6.92 min Scan# 822
Delta R.T. -0.00 min
Lab File: BF109915.D
Acq: 17 Oct 2018 11:02

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.4	50.4	75.6
75	30.6	25.8	38.6





#13

1,4-Dichlorobenzene

Concen: 38.676 ng

RT: 7.00 min Scan# 835

Delta R.T. -0.00 min

Lab File: BF109915.D

Acq: 17 Oct 2018 11:02

Instrument :

BNA_F

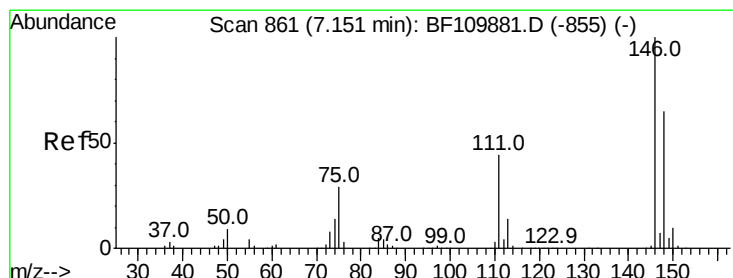
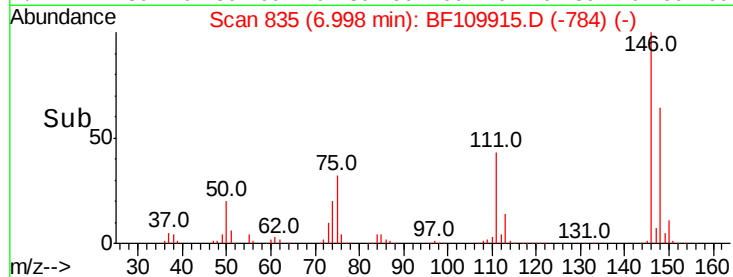
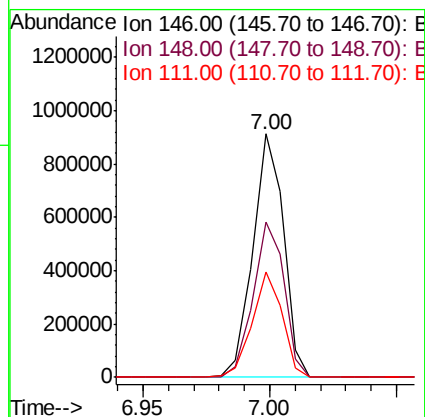
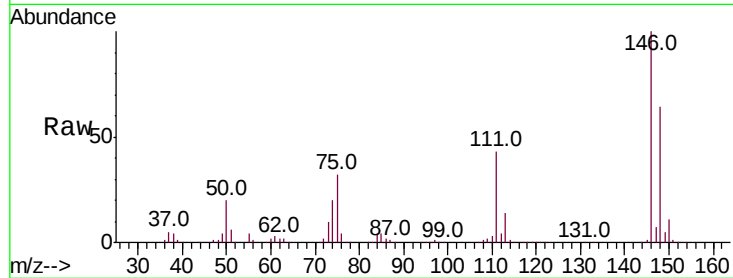
ClientSampleId :

SSTDCCC040

Tot Ion:	146	Resp:	772729
Ion Ratio	Lower	Upper	
146	100		
148	63.6	50.3	75.5
111	43.1	32.7	49.1

Manual Integrations
APPROVED

Sohil
10/18/2018 2:04:06 PM



#14

1,2-Dichlorobenzene

Concen: 39.059 ng

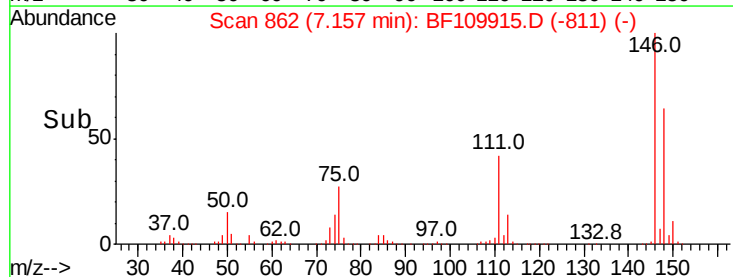
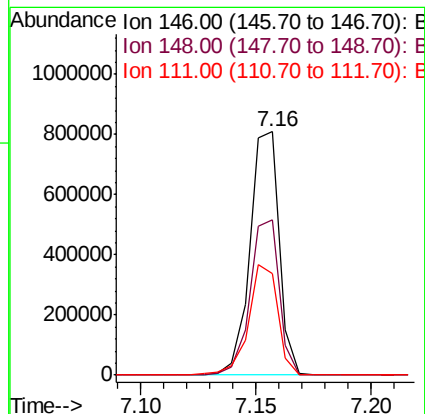
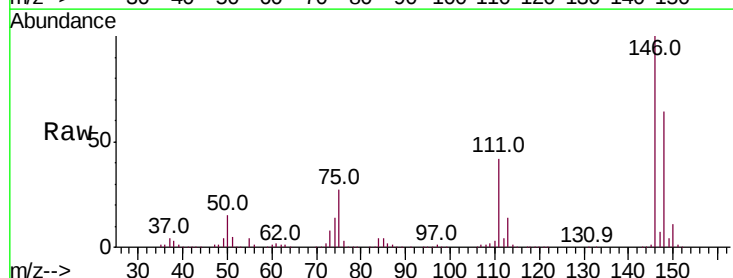
RT: 7.16 min Scan# 862

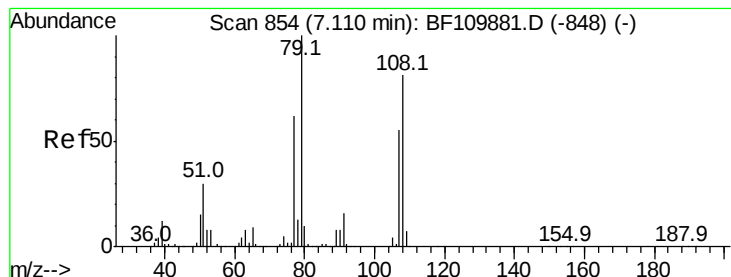
Delta R.T. -0.00 min

Lab File: BF109915.D

Acq: 17 Oct 2018 11:02

Tgt Ion:	146	Resp:	718602
Ion Ratio	Lower	Upper	
146	100		
148	64.0	51.1	76.7
111	41.8	35.8	53.6





#15

Benzyl Alcohol

Concen: 39.618 ng

RT: 7.12 min Scan# 855

Delta R.T. -0.01 min

Lab File: BF109915.D

Acq: 17 Oct 2018 11:02

Instrument :

BNA_F

ClientSampleId :

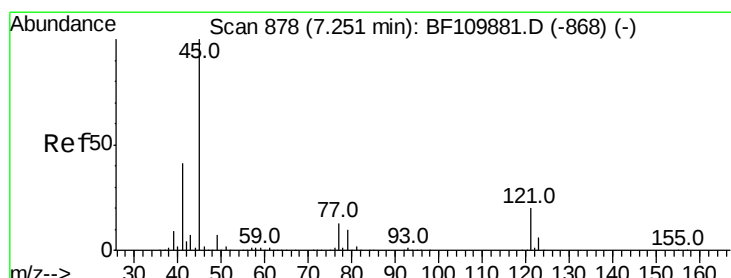
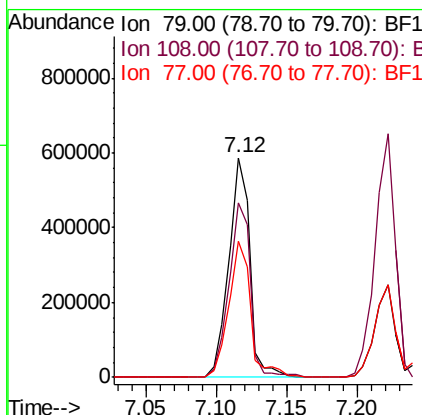
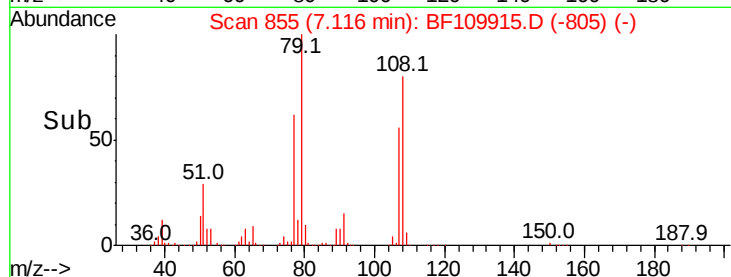
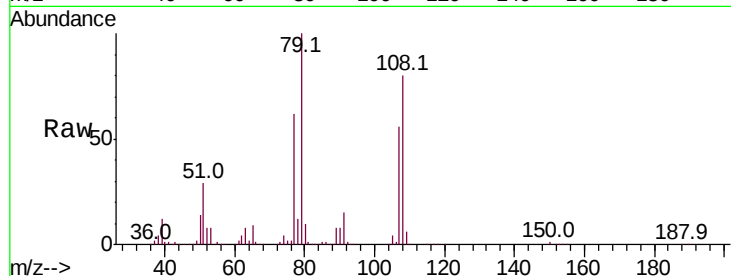
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
79	100		
108	79.5	56.3	84.5
77	61.7	52.9	79.3

Manual Integrations
APPROVED

Sohil
10/18/2018 2:04:06 PM

10/18/2018 2:04:06 PM



#16

2,2'-oxybis(1-chloropropane)

Concen: 37.152 ng

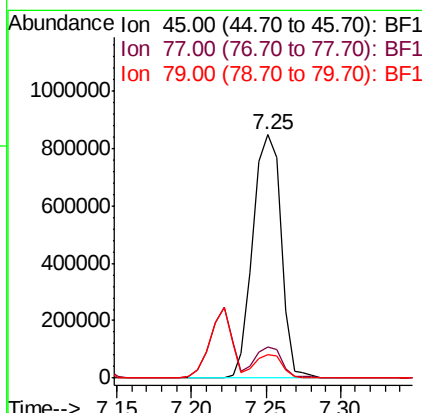
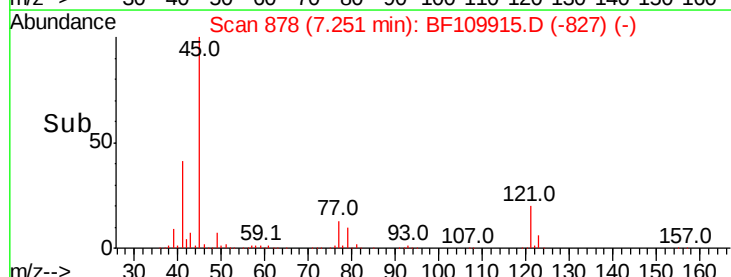
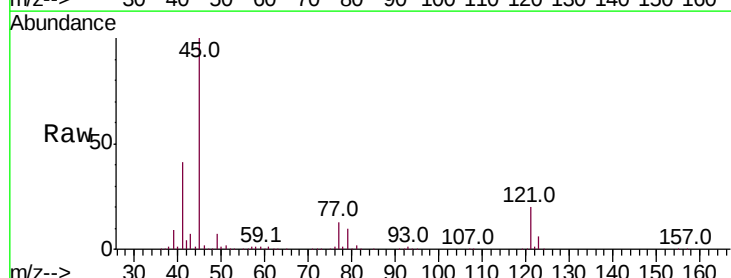
RT: 7.25 min Scan# 878

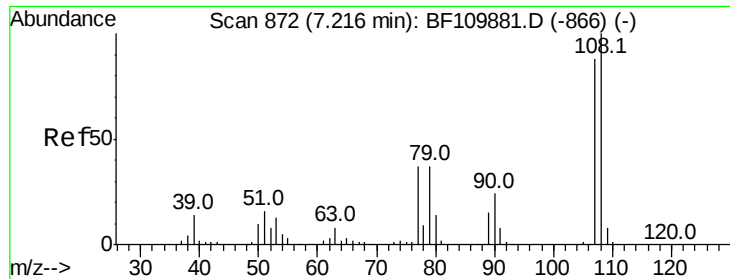
Delta R.T. -0.00 min

Lab File: BF109915.D

Acq: 17 Oct 2018 11:02

Tgt Ion	Ratio	Lower	Upper
45	100		
77	12.8	10.0	50.0
79	9.7	6.1	46.1





#17

2-Methylphenol

Concen: 38.870 ng

RT: 7.22 min Scan# 873

Delta R.T. -0.00 min

Lab File: BF109915.D

Acq: 17 Oct 2018 11:02

Instrument :

BNA_F

ClientSampleID :

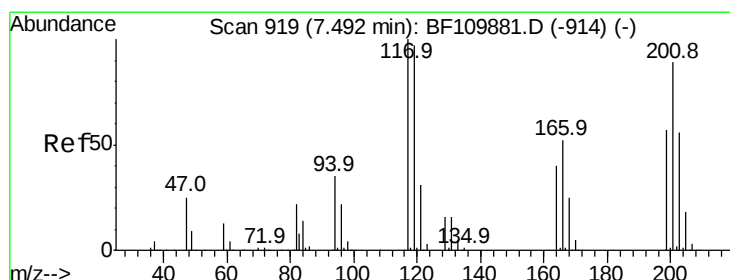
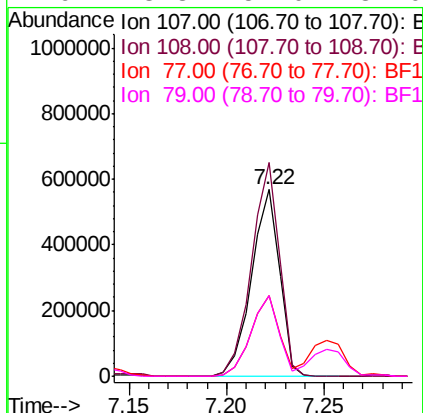
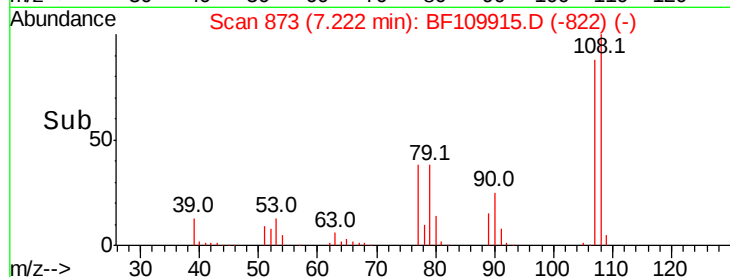
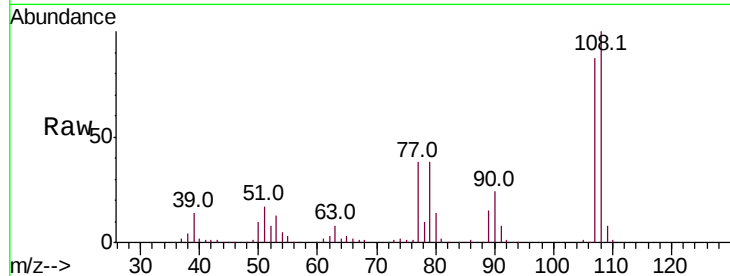
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
107	100		
108	114.4	92.6	138.8
77	43.3	59.4	89.2#
79	43.3	54.0	81.0#

Manual Integrations
APPROVED

Sohil
10/18/2018 2:04:06 PM

10/18/2018 2:04:06 PM



#18

Hexachloroethane

Concen: 39.387 ng

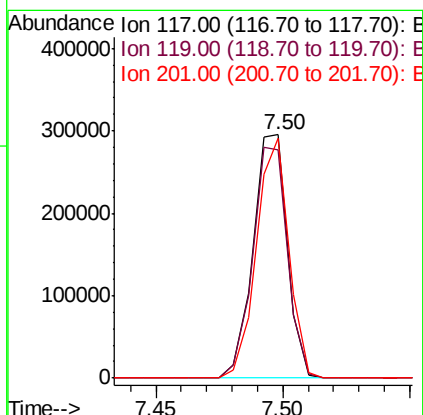
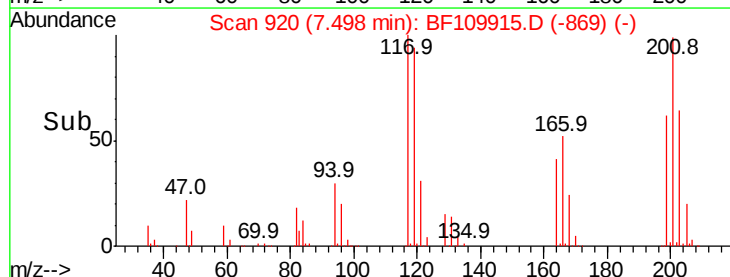
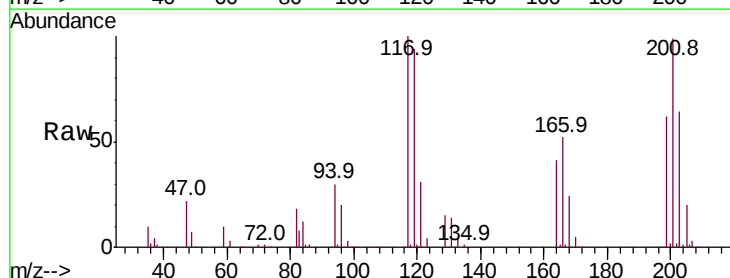
RT: 7.50 min Scan# 920

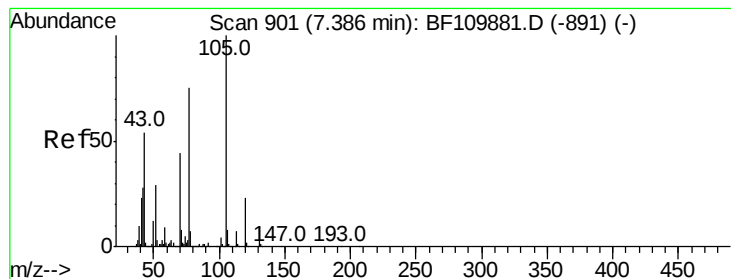
Delta R.T. -0.00 min

Lab File: BF109915.D

Acq: 17 Oct 2018 11:02

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.0	75.0	112.6
201	98.7	79.2	118.8





#19

n-Nitroso-di-n-propylamine

Concen: 37.228 ng

RT: 7.39 min Scan# 902

Delta R.T. -0.00 min

Lab File: BF109915.D

Acq: 17 Oct 2018 11:02

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion: 70 Resp: 479404

Ion Ratio Lower Upper

70 100

42 62.8 47.4 71.2

101 10.3 7.3 10.9

130 23.2 16.2 24.2

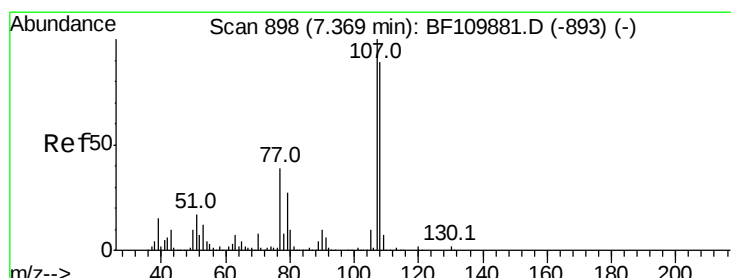
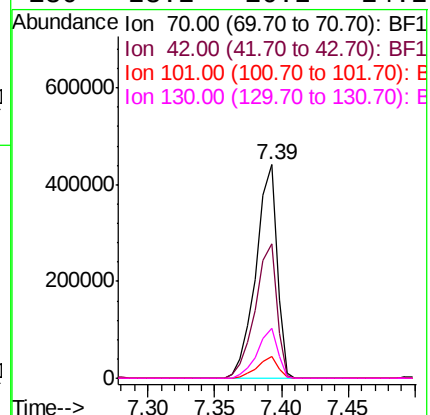
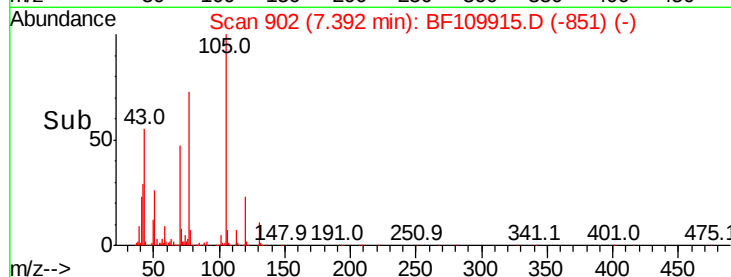
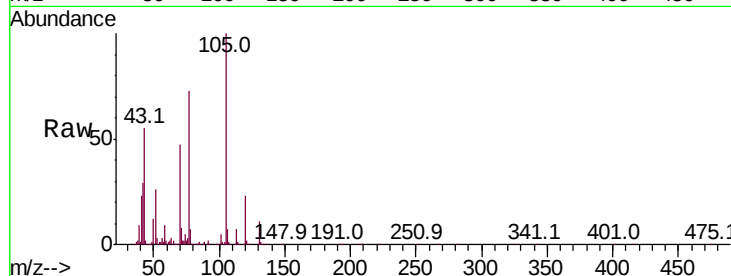
Manual Integrations

APPROVED

Sohil

10/18/2018 2:04:06 PM

10/18/2018 2:04:06 PM



#20

3+4-Methylphenols

Concen: 39.253 ng

RT: 7.37 min Scan# 899

Delta R.T. -0.01 min

Lab File: BF109915.D

Acq: 17 Oct 2018 11:02

Tgt Ion:107 Resp: 726688

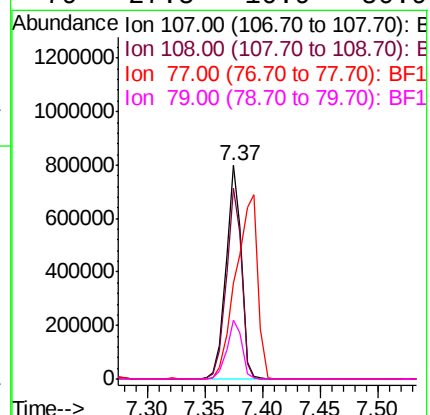
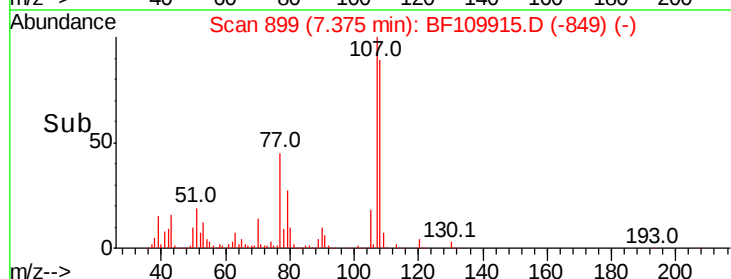
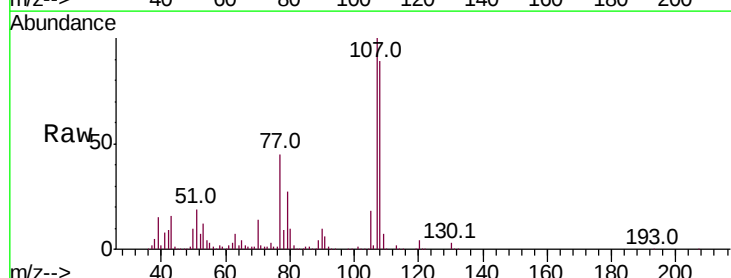
Ion Ratio Lower Upper

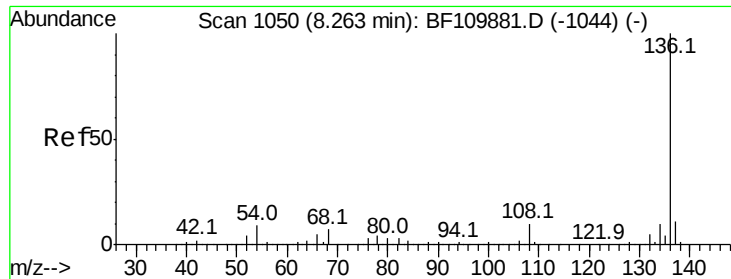
107 100

108 89.5 71.4 111.4

77 45.2 47.3 87.3#

79 27.5 10.9 50.9





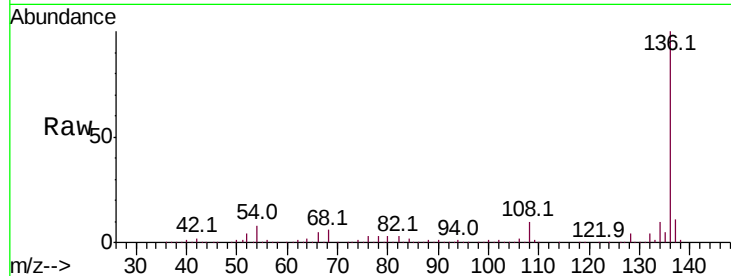
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.27 min Scan# 1051
Delta R.T. -0.00 min
Lab File: BF109915.D
Acq: 17 Oct 2018 11:02

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.8	13.2
54	7.8	5.4	8.2
68	5.7	4.2	6.2

Manual Integrations
APPROVED

Sohil
10/18/2018 2:04:06 PM



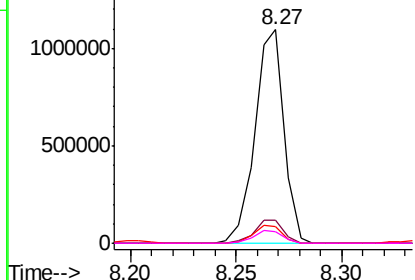
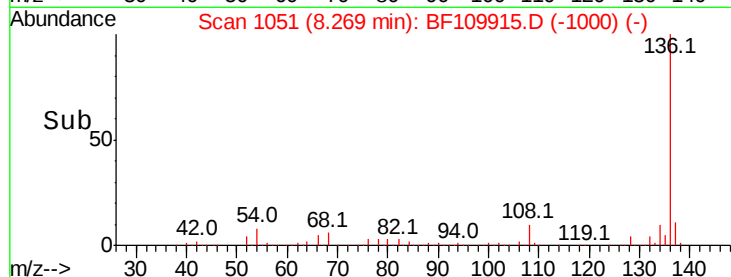
Abundance

Ion 136.00 (135.70 to 136.70): E

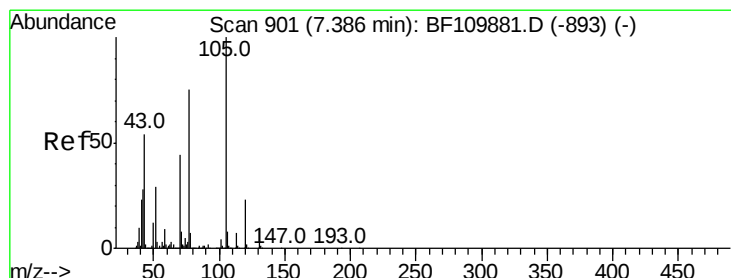
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1

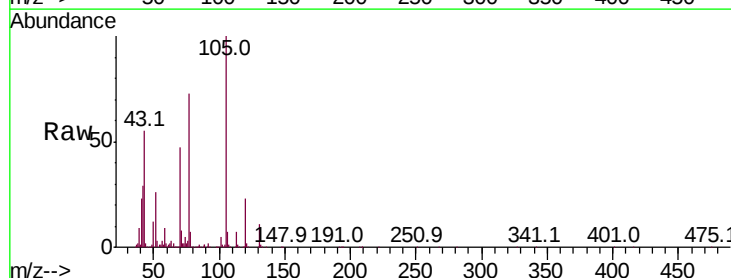


10/18/2018 2:04:06 PM



#22
Acetophenone
Concen: 38.041 ng
RT: 7.39 min Scan# 902
Delta R.T. -0.00 min
Lab File: BF109915.D
Acq: 17 Oct 2018 11:02

Tgt Ion	Ratio	Lower	Upper
105	100		
71	8.0	5.2	7.8#
51	26.4	21.8	32.8
120	22.9	17.0	25.4



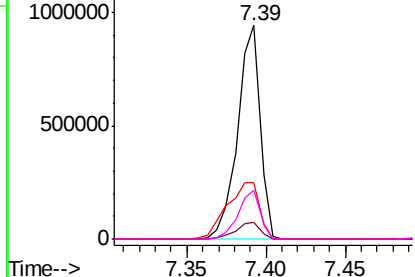
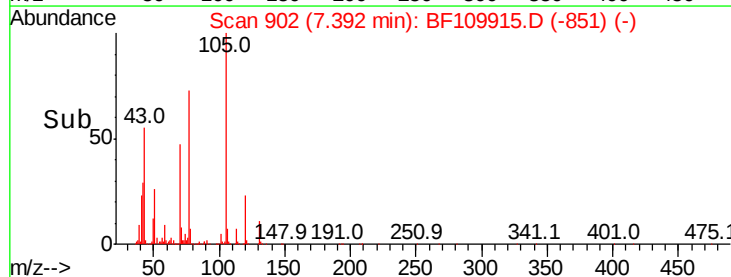
Abundance

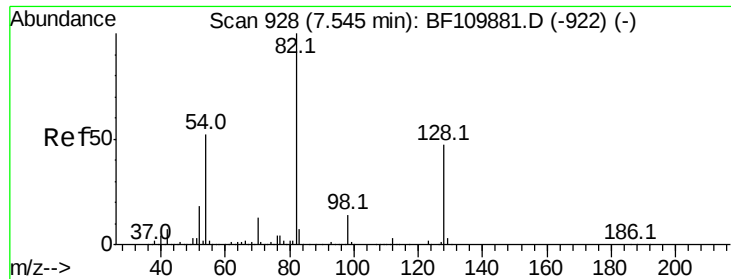
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E





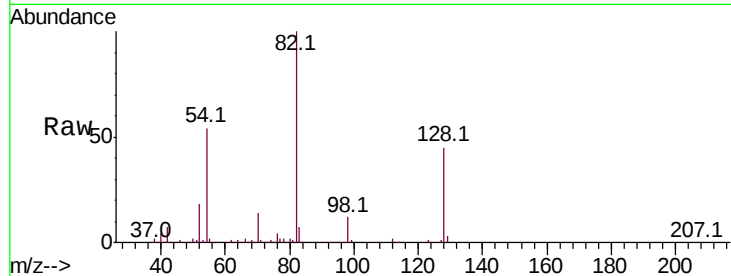
#23
Nitrobenzene-d5
Concen: 88.215 ng
RT: 7.55 min Scan# 928
Delta R.T. -0.01 min
Lab File: BF109915.D
Acq: 17 Oct 2018 11:02

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

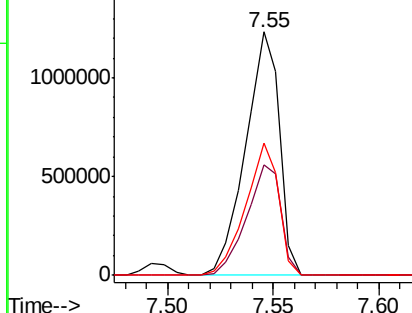
Tot Ion	Ratio	Lower	Upper
82	100		
128	45.5	34.2	51.2
54	54.5	38.6	58.0

Manual Integrations
APPROVED

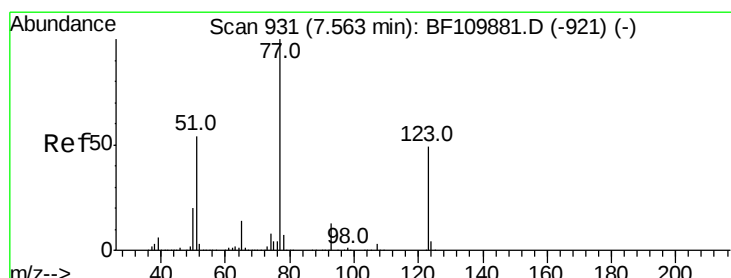
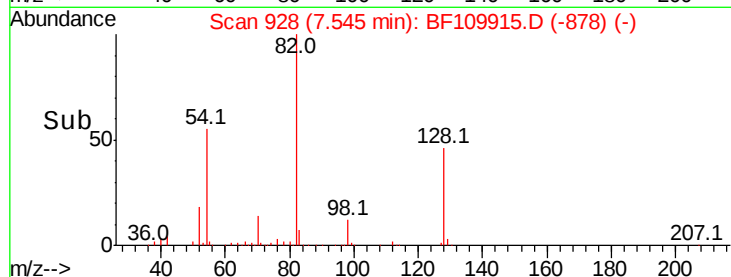
Sohil
10/18/2018 2:04:06 PM



Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

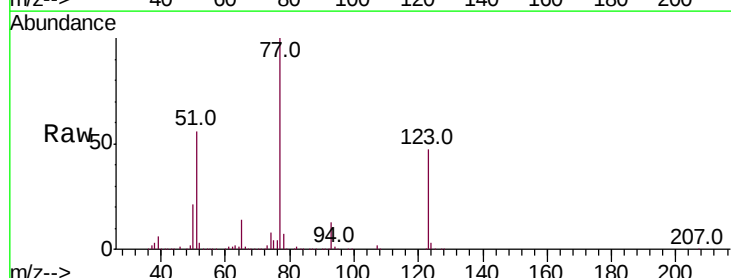


10/18/2018 2:04:06 PM

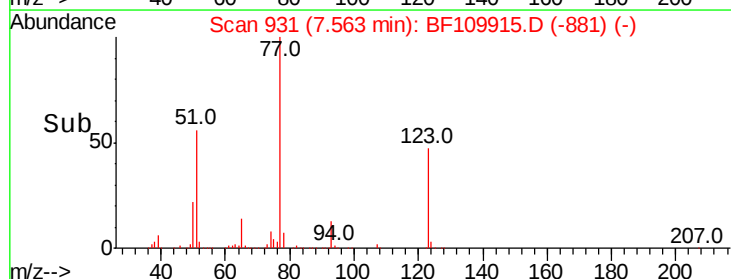
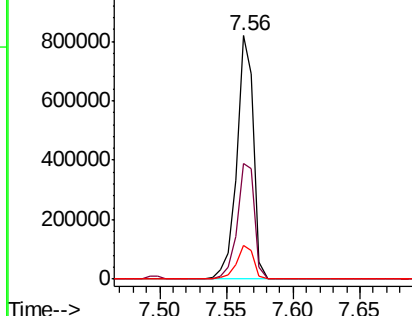


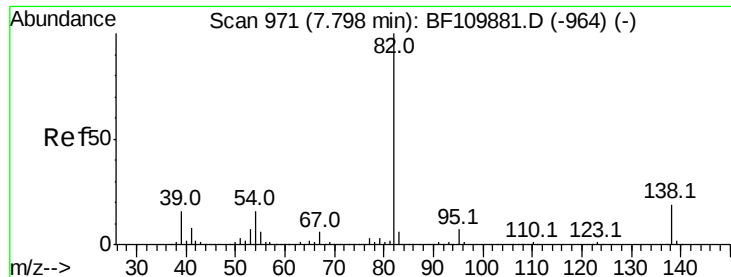
#24
Nitrobenzene
Concen: 42.471 ng
RT: 7.56 min Scan# 931
Delta R.T. -0.01 min
Lab File: BF109915.D
Acq: 17 Oct 2018 11:02

Tgt Ion	Ratio	Lower	Upper
77	100		
123	47.2	35.7	53.5
65	13.9	10.7	16.1



Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 123.00 (122.70 to 123.70): BF1
Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 38.016 ng

RT: 7.80 min Scan# 971

Delta R.T. -0.01 min

Lab File: BF109915.D

Acq: 17 Oct 2018 11:02

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion: 82 Resp: 1160808

Ion Ratio Lower Upper

82 100

95 6.9 5.7 8.5

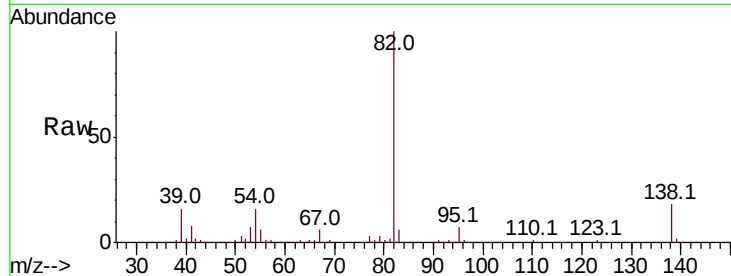
138 17.7 13.2 19.8

Manual Integrations

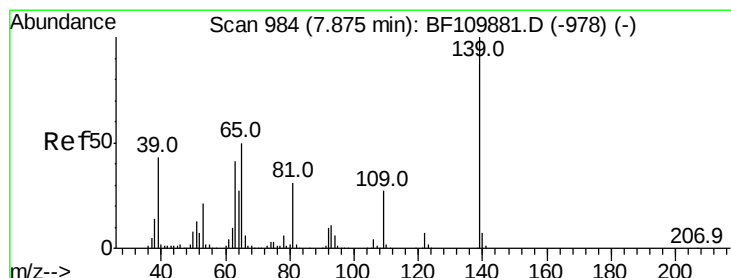
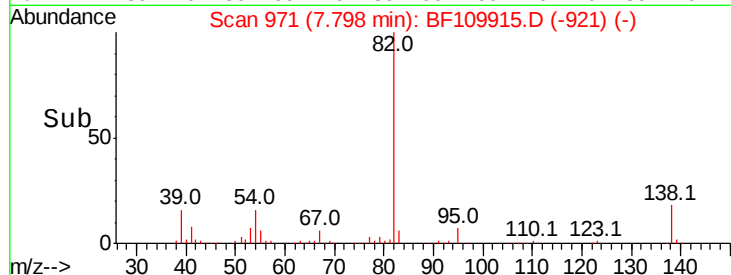
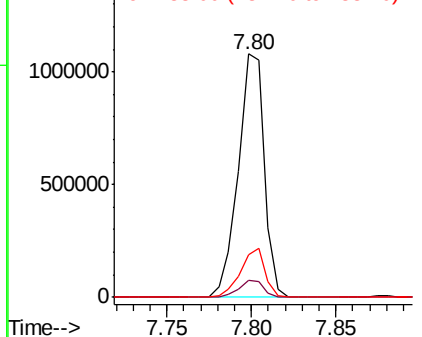
APPROVED

Sohil

10/18/2018 2:04:06 PM



Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 138.00 (137.70 to 138.70): E



#26

2-Nitrophenol

Concen: 47.815 ng

RT: 7.88 min Scan# 985

Delta R.T. -0.00 min

Lab File: BF109915.D

Acq: 17 Oct 2018 11:02

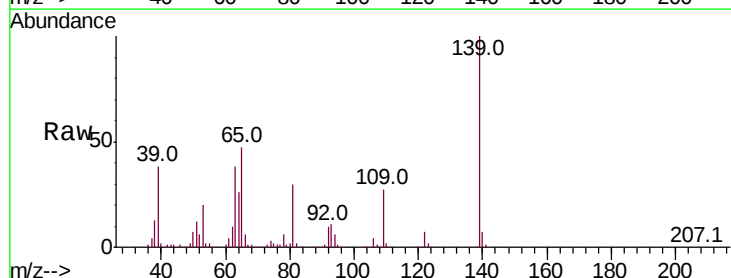
Tgt Ion: 139 Resp: 334687

Ion Ratio Lower Upper

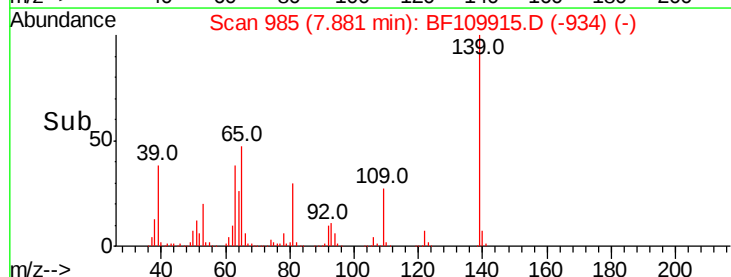
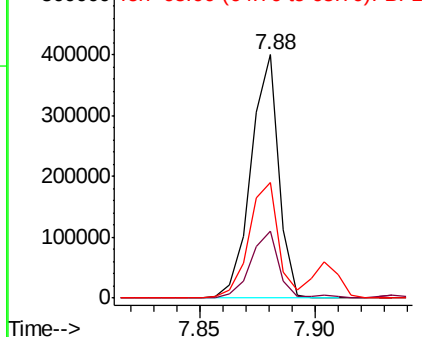
139 100

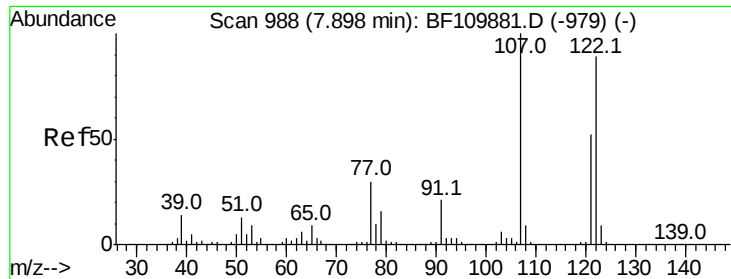
109 27.3 25.0 37.6

65 47.5 44.0 66.0



Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1





#27

2,4-Dimethylphenol

Concen: 39.075 ng

RT: 7.90 min Scan# 989

Delta R.T. -0.01 min

Lab File: BF109915.D

Acq: 17 Oct 2018 11:02

Instrument :

BNA_F

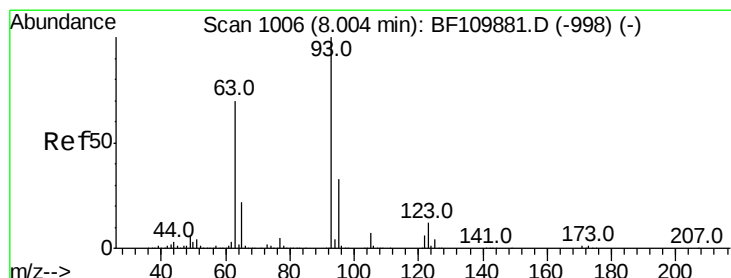
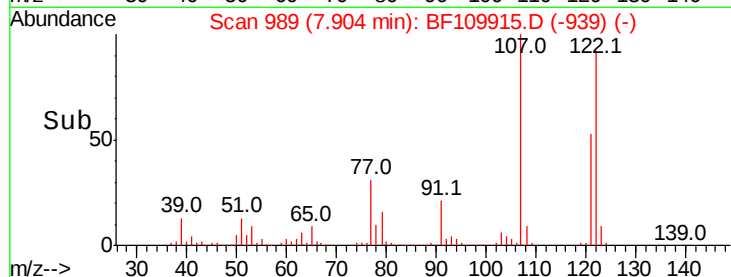
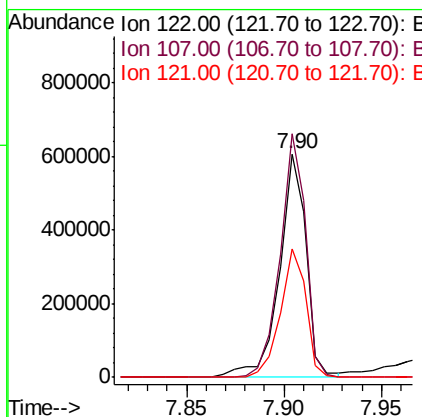
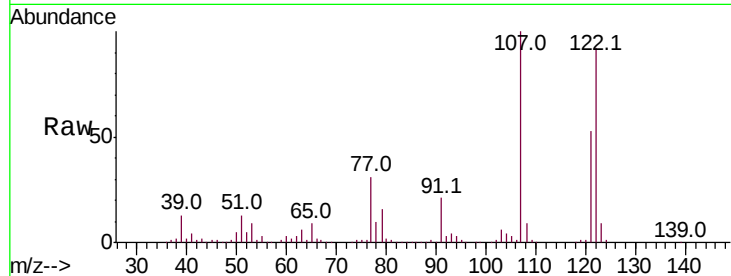
ClientSampleId :

SSTDCCC040

Tot Ion	Ratio	Lower	Upper
122	100		
107	109.0	92.5	138.7
121	57.6	45.8	68.8

Manual Integrations
APPROVED

Sohil
10/18/2018 2:04:06 PM



#28

bis(2-Chloroethoxy)methane

Concen: 37.933 ng

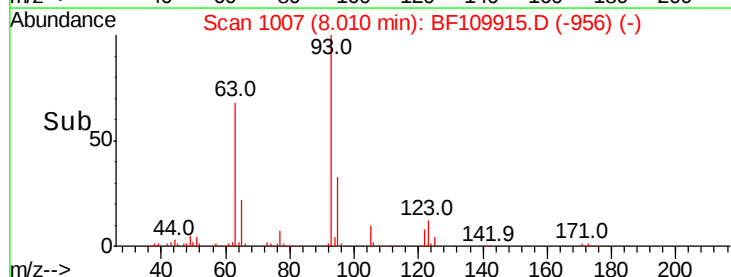
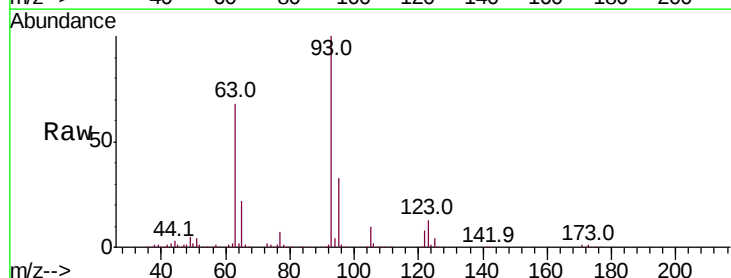
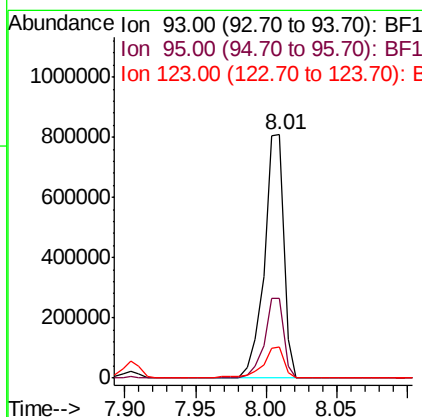
RT: 8.01 min Scan# 1007

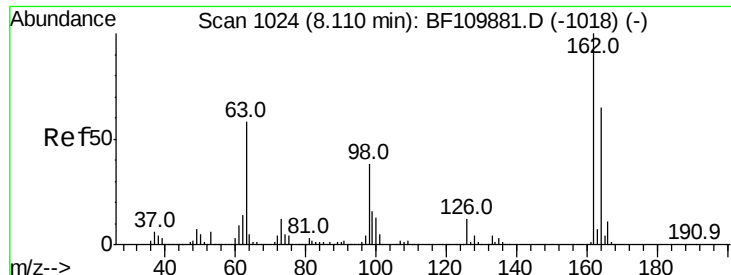
Delta R.T. -0.00 min

Lab File: BF109915.D

Acq: 17 Oct 2018 11:02

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.9	26.4	39.6
123	12.5	9.0	13.6





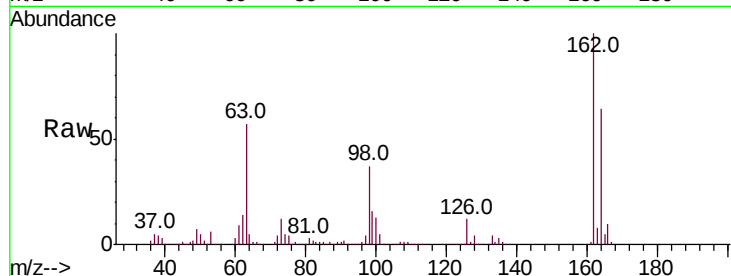
#29
2,4-Dichlorophenol
Concen: 40.291 ng
RT: 8.12 min Scan# 1025
Delta R.T. -0.00 min
Lab File: BF109915.D
Acq: 17 Oct 2018 11:02

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

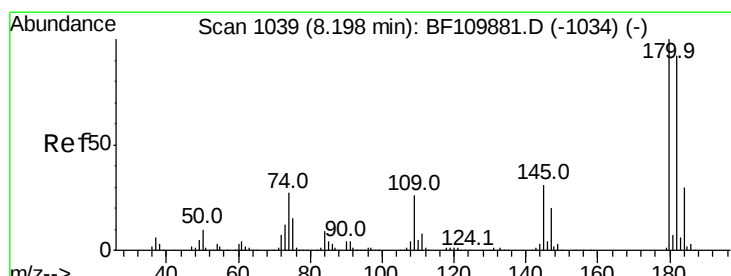
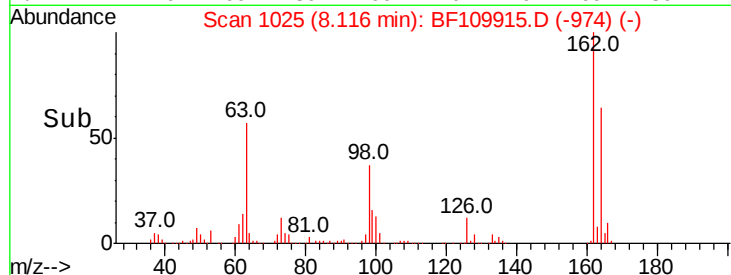
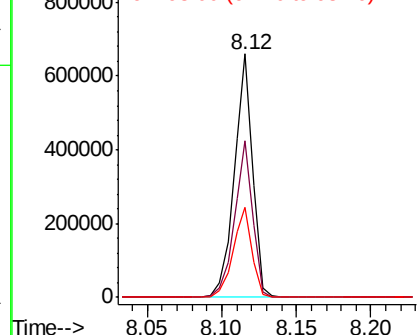
Tot Ion	Ratio	Resp	Lower	Upper
162	100	574863		
164	64.4	44.6	84.6	
98	37.0	17.4	57.4	

Manual Integrations
APPROVED

Sohil
10/18/2018 2:04:06 PM



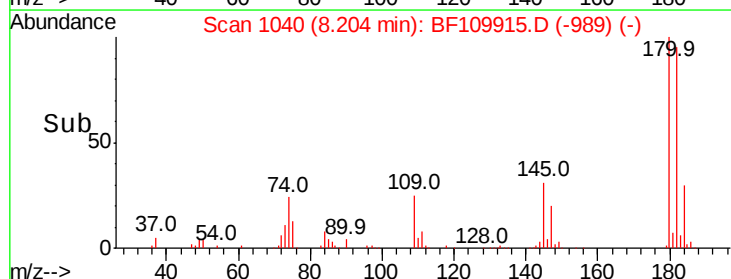
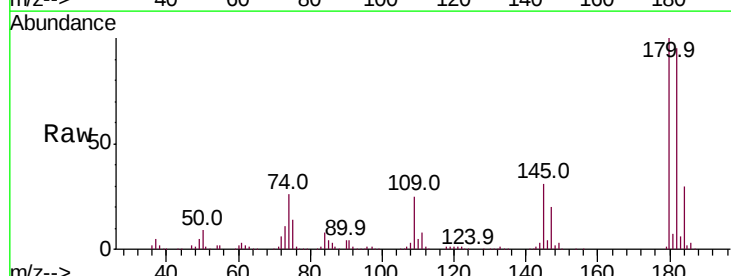
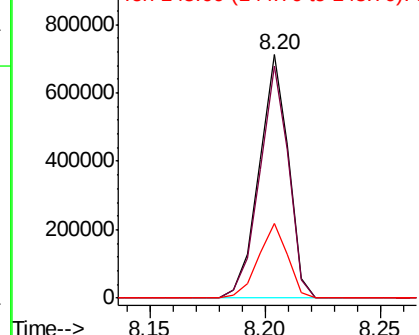
Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

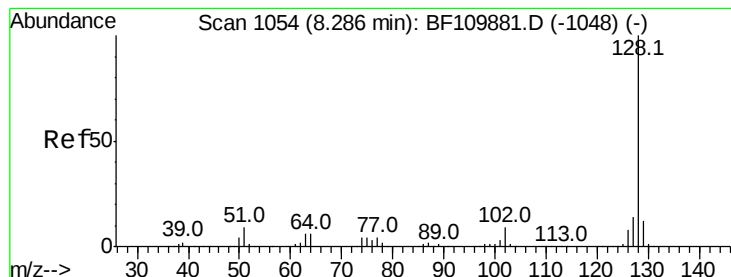


#30
1,2,4-Trichlorobenzene
Concen: 39.363 ng
RT: 8.20 min Scan# 1040
Delta R.T. -0.00 min
Lab File: BF109915.D
Acq: 17 Oct 2018 11:02

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	628827		
182	95.4	80.3	120.5	
145	30.8	25.4	38.0	

Abundance Ion 180.00 (179.70 to 180.70): E
Ion 182.00 (181.70 to 182.70): E
Ion 145.00 (144.70 to 145.70): E





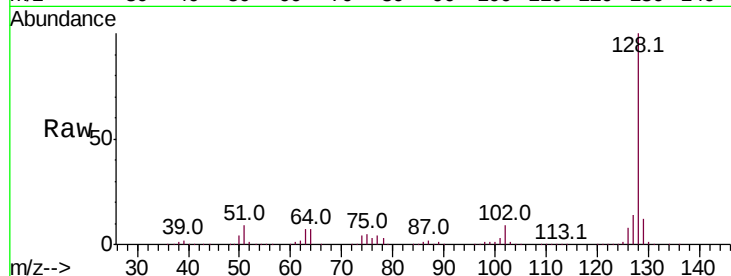
#31
Naphthalene
Concen: 38.434 ng
RT: 8.29 min Scan# 1054
Delta R.T. -0.01 min
Lab File: BF109915.D
Acq: 17 Oct 2018 11:02

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

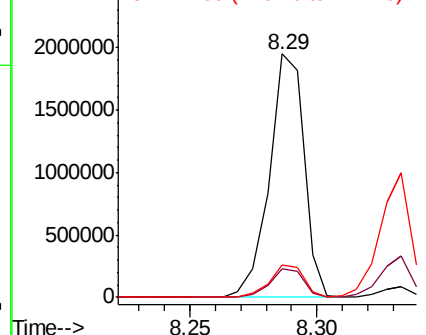
Tot Ion	Ratio	Lower	Upper
128	100		
129	11.8	8.8	13.2
127	13.6	10.8	16.2

Manual Integrations
APPROVED

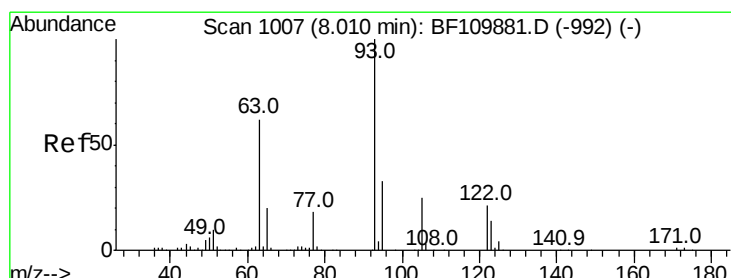
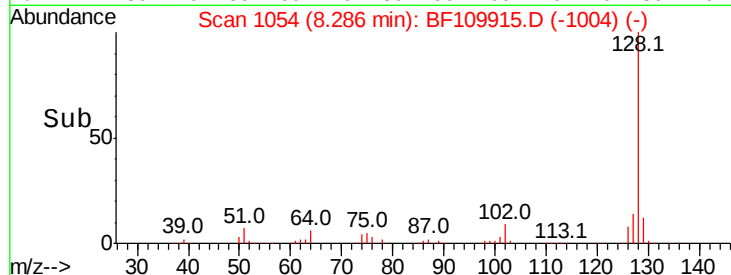
Sohil
10/18/2018 2:04:06 PM



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

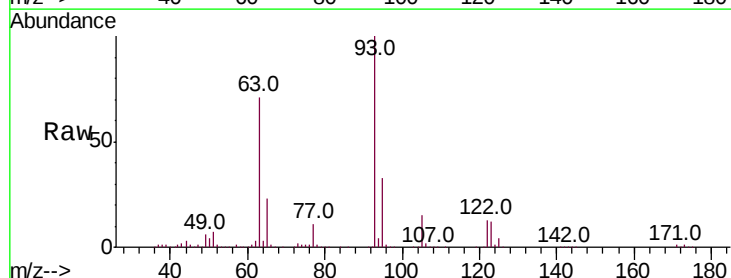


10/18/2018 2:04:06 PM

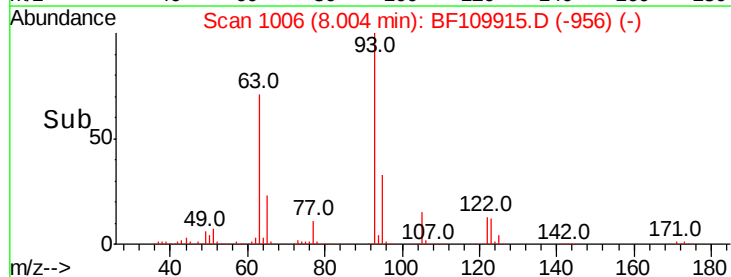
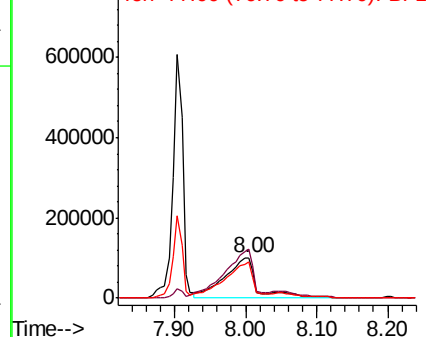


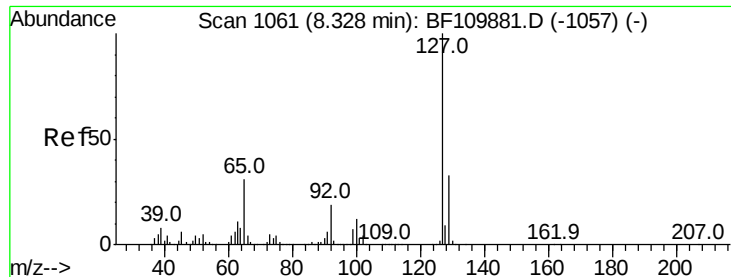
#32
Benzoic acid
Concen: 35.829 ng m
RT: 8.00 min Scan# 1006
Delta R.T. -0.01 min
Lab File: BF109915.D
Acq: 17 Oct 2018 11:02

Tgt Ion	Ratio	Lower	Upper
122	100		
105	121.2	109.0	149.0
77	87.9	79.0	119.0



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF1





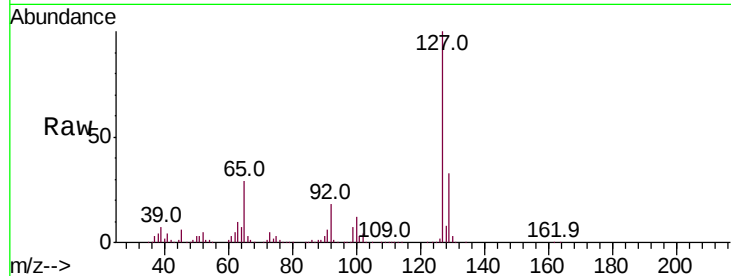
#33
 4-Chloroaniline
 Concen: 39.270 ng
 RT: 8.33 min Scan# 1062
 Delta R.T. -0.00 min
 Lab File: BF109915.D
 Acq: 17 Oct 2018 11:02

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

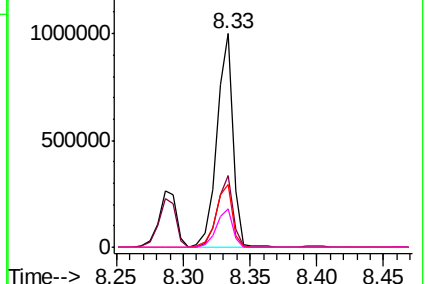
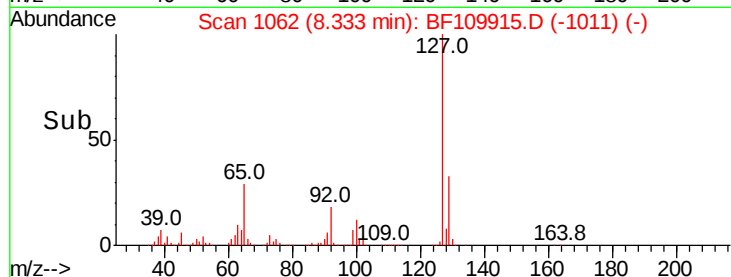
Tot Ion	Ratio	Lower	Upper
127	100		
129	33.4	26.0	39.0
65	29.2	25.1	37.7
92	18.2	15.0	22.6

Manual Integrations
 APPROVED

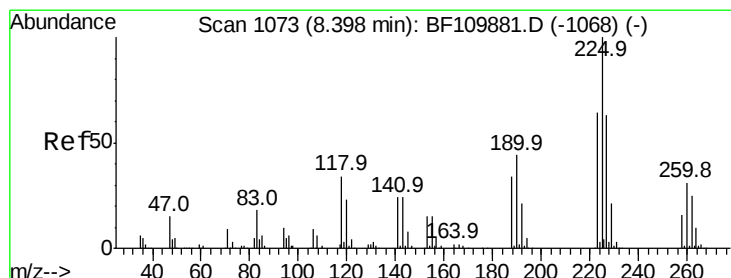
Sohil
 10/18/2018 2:04:06 PM



Abundance Ion 127.00 (126.70 to 127.70): E
 Ion 129.00 (128.70 to 129.70): E
 Ion 65.00 (64.70 to 65.70): BF1
 Ion 92.00 (91.70 to 92.70): BF1

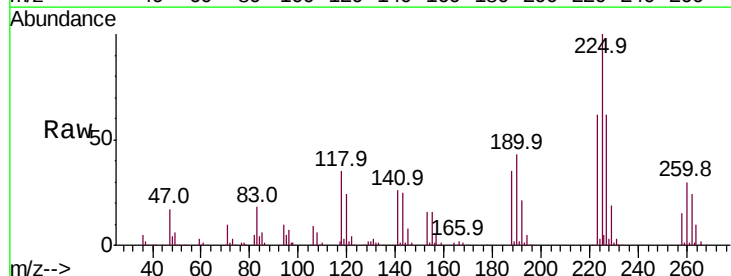


10/18/2018 2:04:06 PM

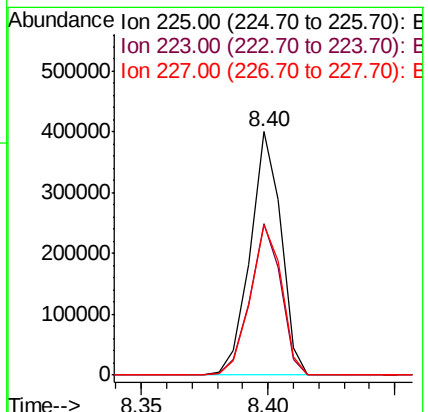
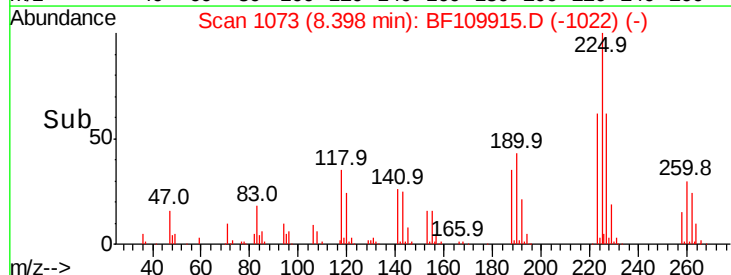


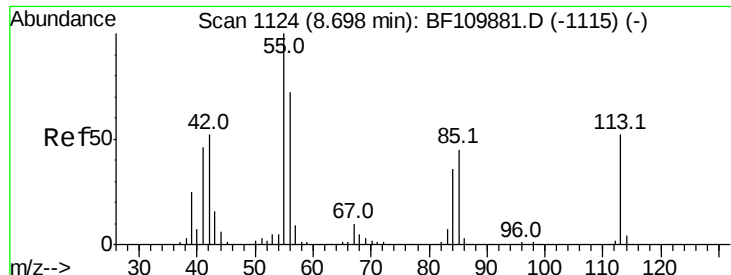
#34
 Hexachlorobutadiene
 Concen: 38.649 ng
 RT: 8.40 min Scan# 1073
 Delta R.T. -0.00 min
 Lab File: BF109915.D
 Acq: 17 Oct 2018 11:02

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.3	51.4	77.2
227	61.9	51.0	76.6



Abundance Ion 225.00 (224.70 to 225.70): E
 Ion 223.00 (222.70 to 223.70): E
 Ion 227.00 (226.70 to 227.70): E





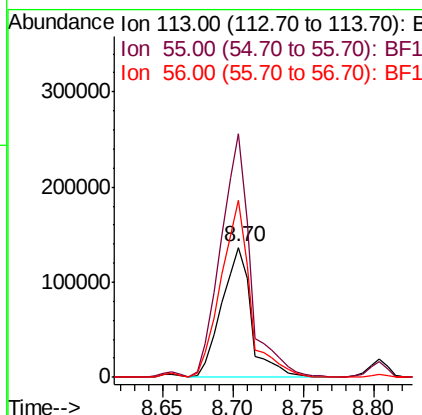
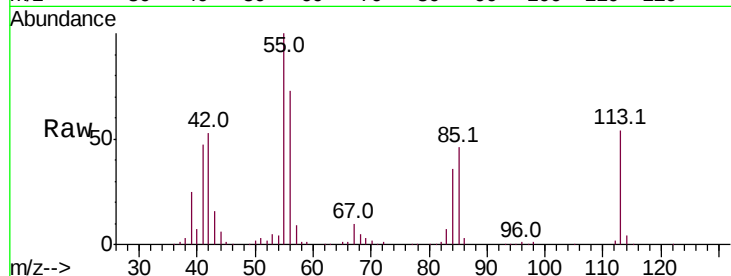
#35
Caprolactam
Concen: 39.526 ng
RT: 8.70 min Scan# 1125
Delta R.T. -0.01 min
Lab File: BF109915.D
Acq: 17 Oct 2018 11:02

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

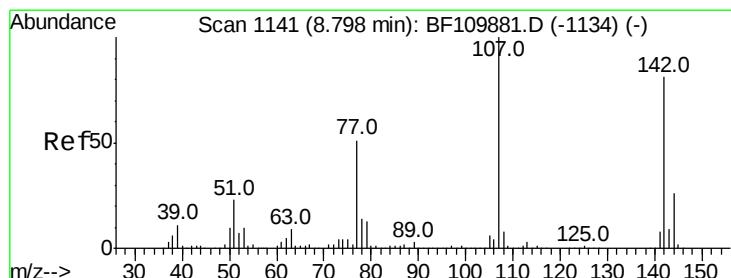
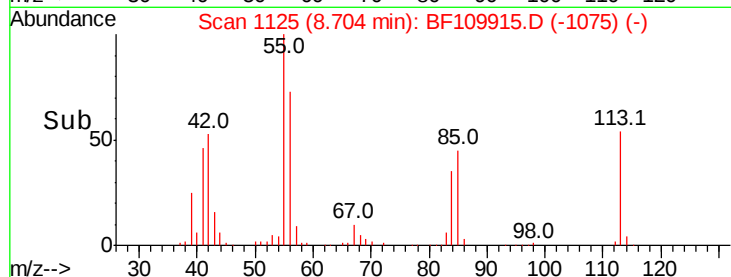
Tot Ion	Ratio	Lower	Upper
113	100		
55	186.8	142.8	182.8#
56	136.2	105.0	145.0

Manual Integrations
APPROVED

Sohil
10/18/2018 2:04:06 PM

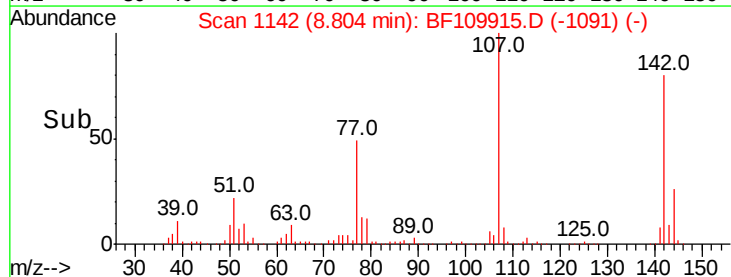
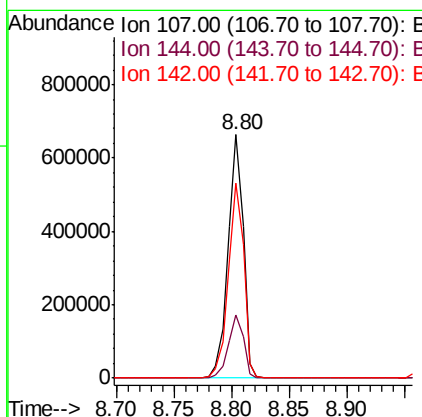
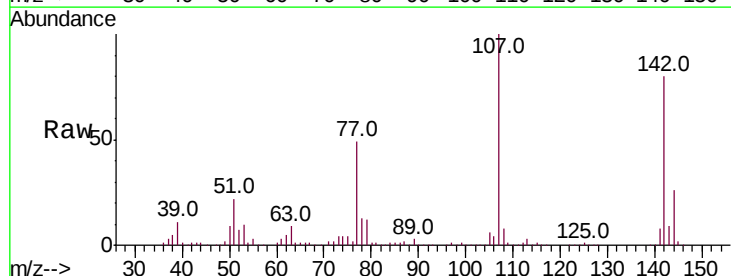


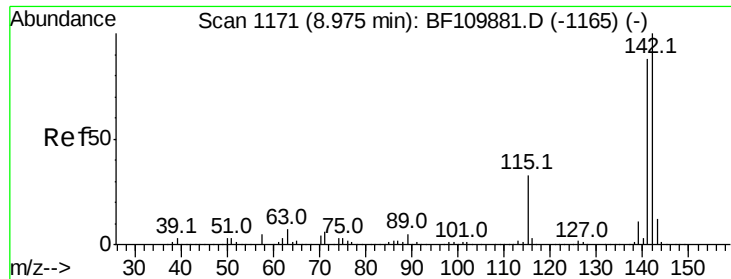
10/18/2018 2:04:06 PM



#36
4-Chloro-3-methylphenol
Concen: 40.233 ng
RT: 8.80 min Scan# 1142
Delta R.T. -0.00 min
Lab File: BF109915.D
Acq: 17 Oct 2018 11:02

Tgt Ion	Ratio	Lower	Upper
107	100		
144	25.8	20.0	30.0
142	80.2	59.7	89.5





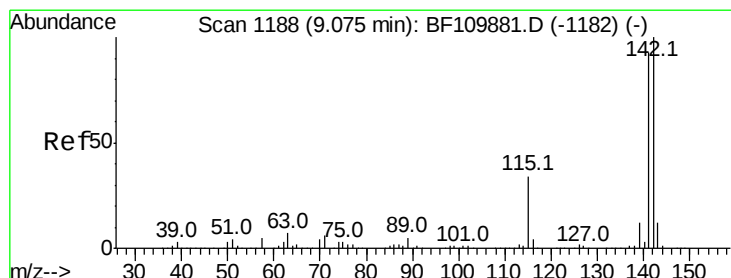
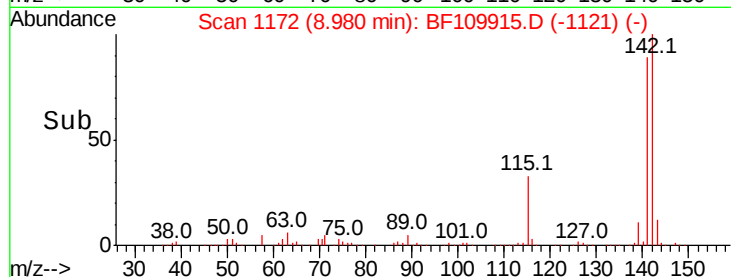
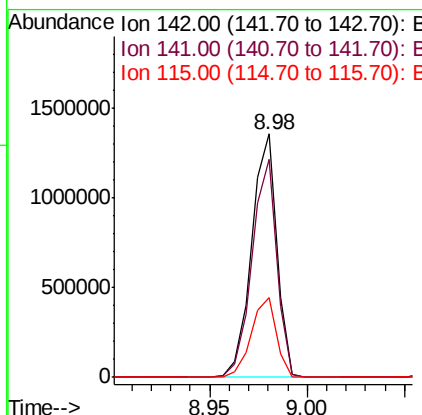
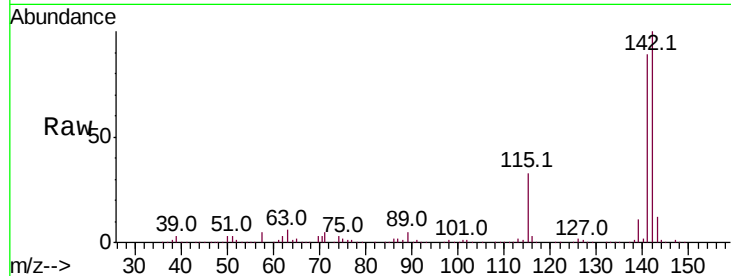
#37
2-Methylnaphthalene
Concen: 39.053 ng
RT: 8.98 min Scan# 1172
Delta R.T. -0.00 min
Lab File: BF109915.D
Acq: 17 Oct 2018 11:02

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.4	71.4	107.2
115	32.6	28.7	43.1

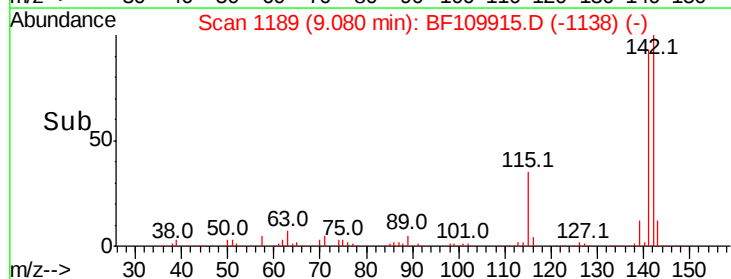
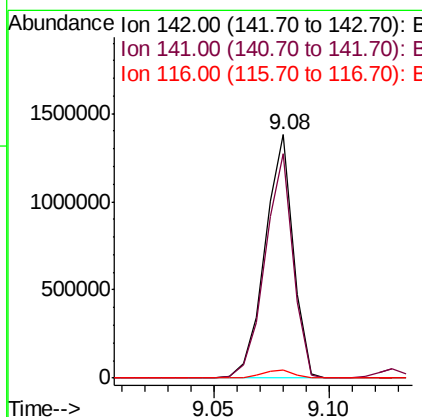
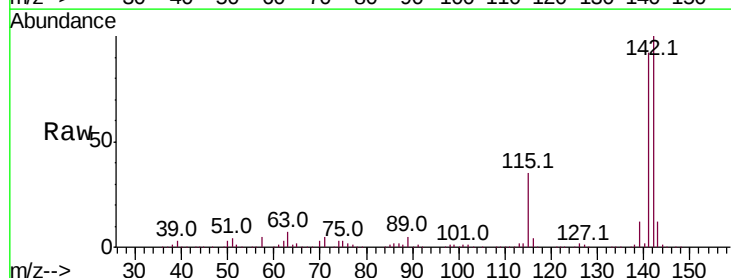
Manual Integrations
APPROVED

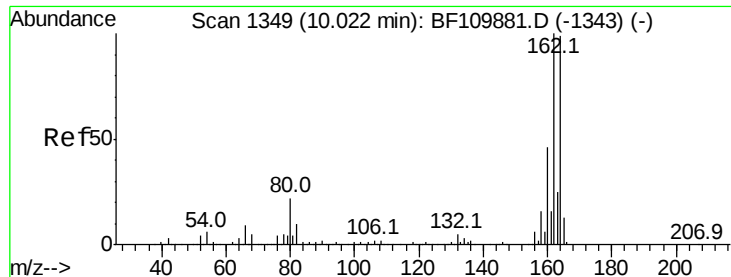
Sohil
10/18/2018 2:04:06 PM



#38
1-Methylnaphthalene
Concen: 38.844 ng
RT: 9.08 min Scan# 1189
Delta R.T. -0.00 min
Lab File: BF109915.D
Acq: 17 Oct 2018 11:02

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.4	74.2	111.4
116	3.6	2.6	4.0





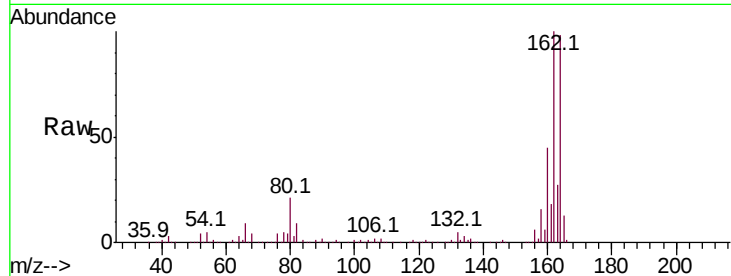
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.03 min Scan# 1350
Delta R.T. -0.00 min
Lab File: BF109915.D
Acq: 17 Oct 2018 11:02

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
164	100		
162	101.7	83.0	124.6
160	45.8	37.0	55.6

Manual Integrations
APPROVED

Sohil
10/18/2018 2:04:06 PM

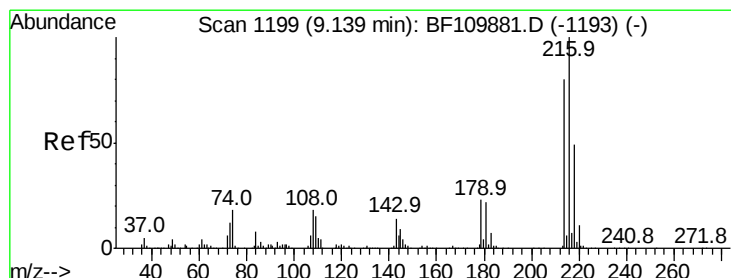
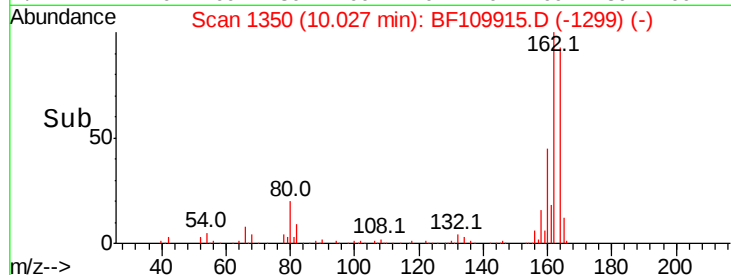
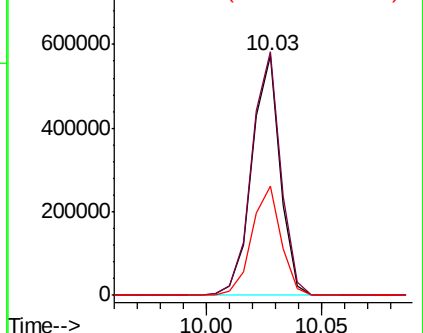


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40
1,2,4,5-Tetrachlorobenzene
Concen: 38.730 ng
RT: 9.15 min Scan# 1200
Delta R.T. -0.00 min
Lab File: BF109915.D
Acq: 17 Oct 2018 11:02

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.2	63.8	95.6
179	22.1	16.6	25.0
108	20.2	15.1	22.7

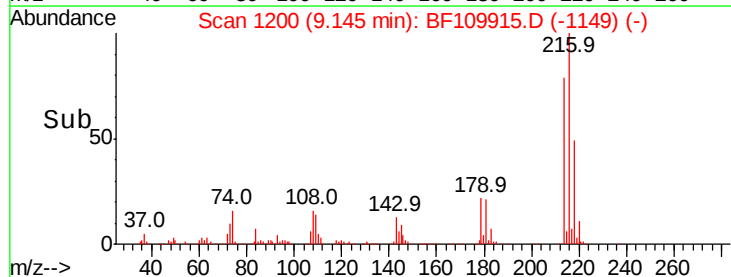
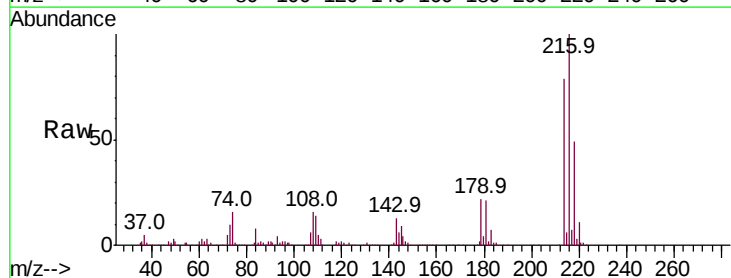
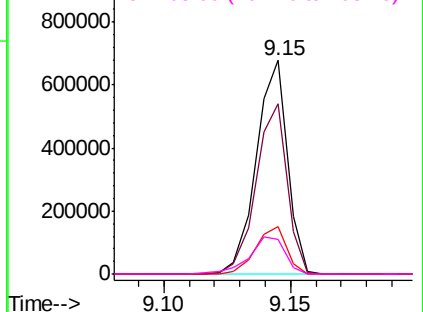
Abundance

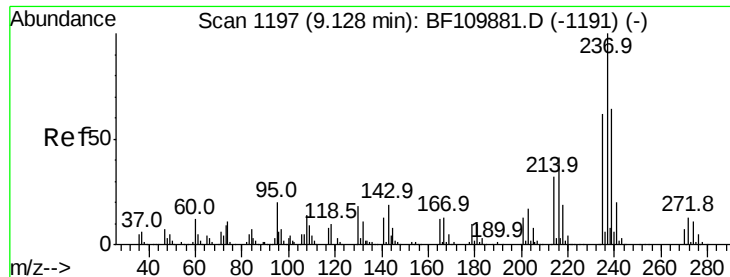
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





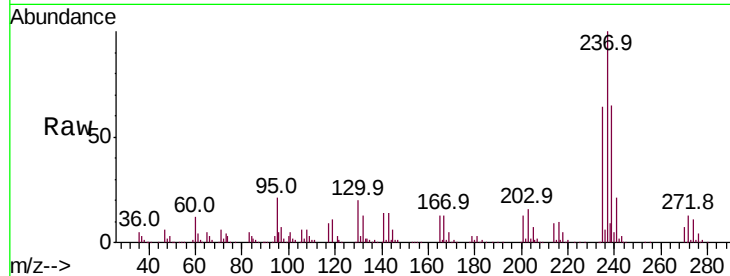
#41
Hexachlorocyclopentadiene
Concen: 40.318 ng
RT: 9.13 min Scan# 1197
Delta R.T. -0.00 min
Lab File: BF109915.D
Acq: 17 Oct 2018 11:02

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

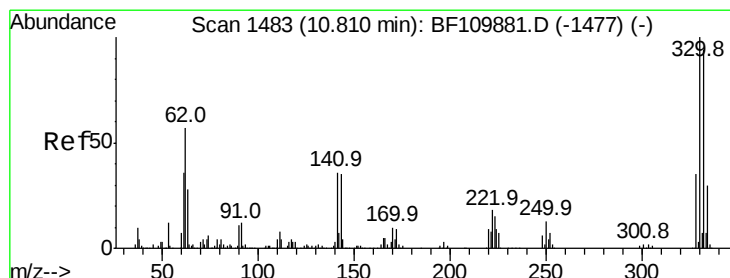
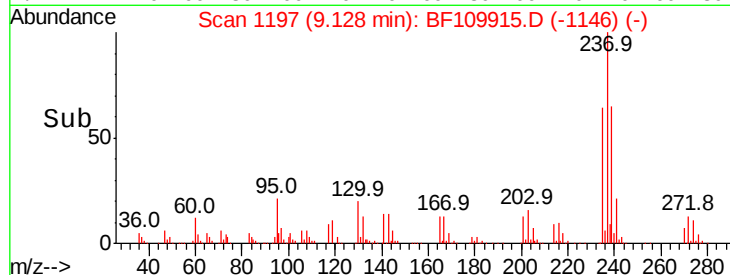
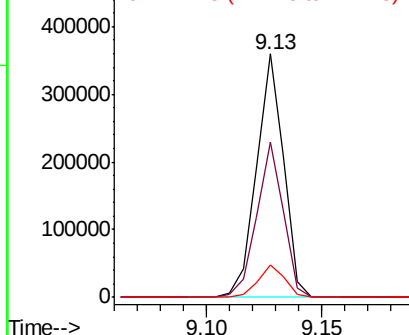
Tot Ion	Ratio	Resp	Lower	Upper
237	100	293538		
235	63.5	43.1	83.1	
272	13.2	0.0	32.6	

Manual Integrations
APPROVED

Sohil
10/18/2018 2:04:06 PM

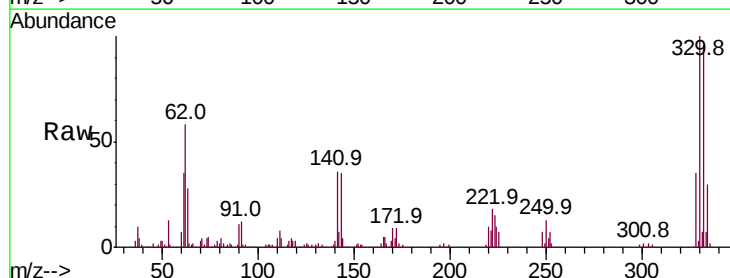


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

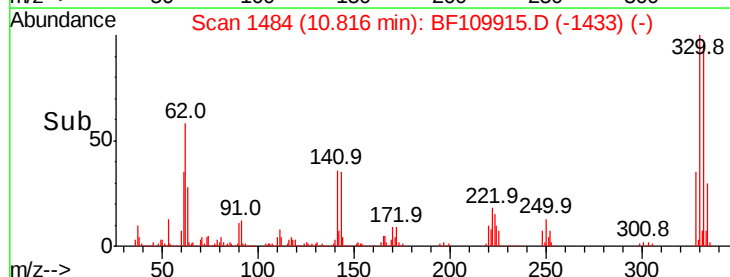
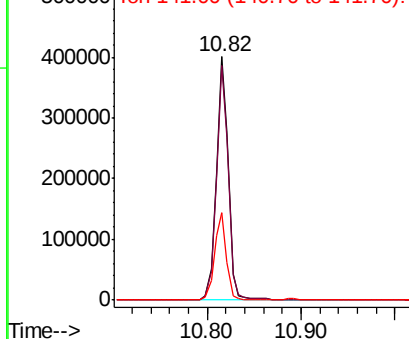


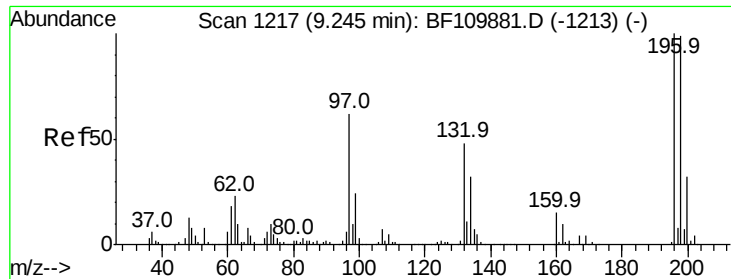
#42
2,4,6-Tribromophenol
Concen: 85.478 ng
RT: 10.82 min Scan# 1484
Delta R.T. -0.00 min
Lab File: BF109915.D
Acq: 17 Oct 2018 11:02

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	362425		
332	95.7	77.1	115.7	
141	35.8	27.0	40.4	



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E





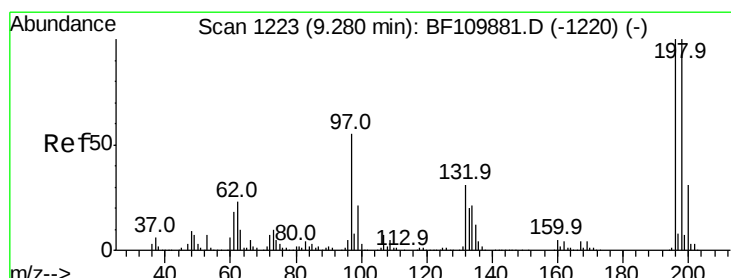
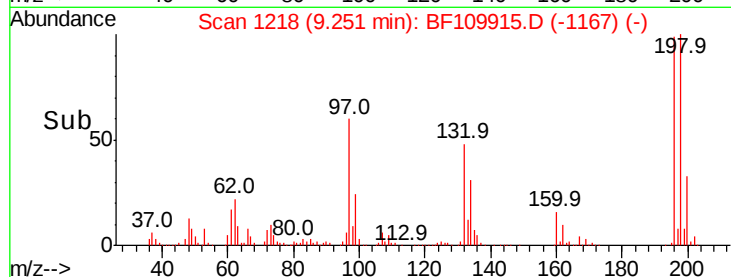
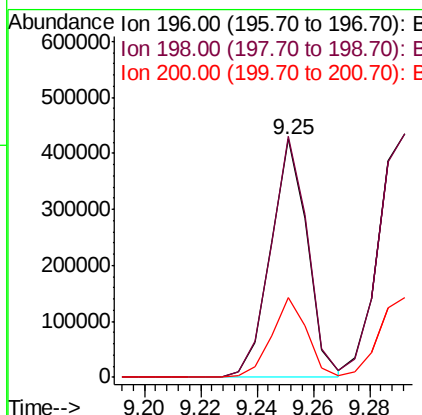
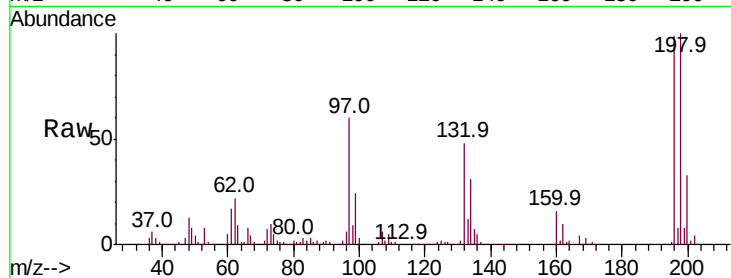
#43
 2,4,6-Trichlorophenol
 Concen: 40.638 ng
 RT: 9.25 min Scan# 1218
 Delta R.T. -0.00 min
 Lab File: BF109915.D
 Acq: 17 Oct 2018 11:02

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
196	100	383304		
198	101.4	76.2	114.4	
200	33.8	24.4	36.6	

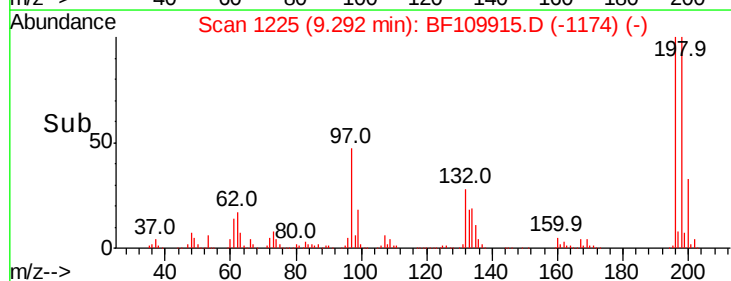
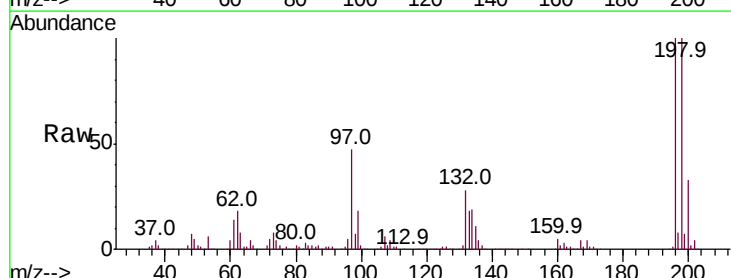
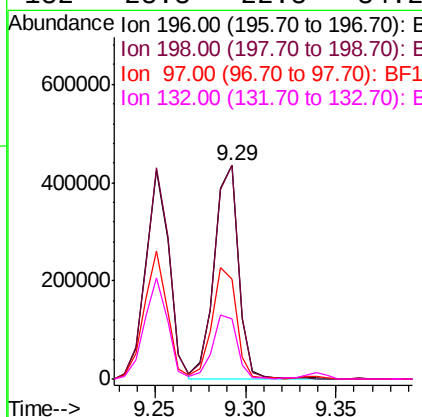
Manual Integrations
 APPROVED

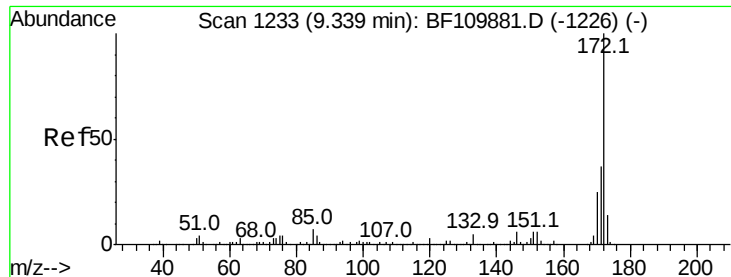
Sohil
 10/18/2018 2:04:06 PM



#44
 2,4,5-Trichlorophenol
 Concen: 41.157 ng
 RT: 9.29 min Scan# 1225
 Delta R.T. -0.00 min
 Lab File: BF109915.D
 Acq: 17 Oct 2018 11:02

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	402900		
198	100.0	75.8	113.6	
97	46.8	42.4	63.6	
132	28.3	22.8	34.2	





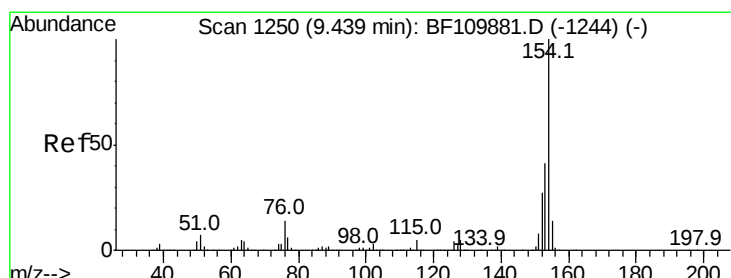
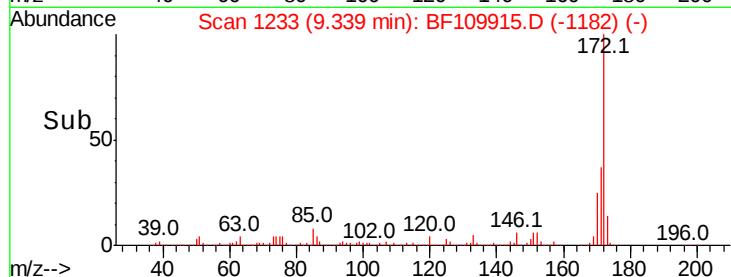
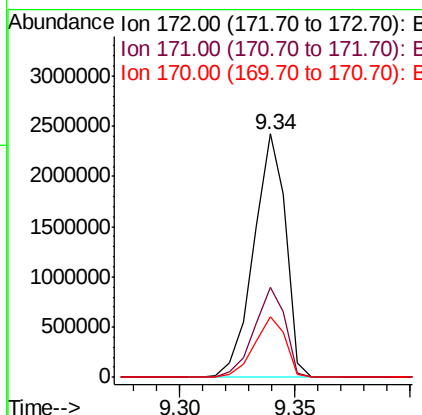
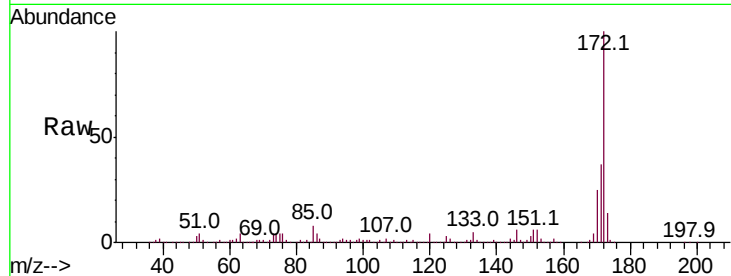
#45
2-Fluorobiphenyl
Concen: 76.204 ng
RT: 9.34 min Scan# 1233
Delta R.T. -0.00 min
Lab File: BF109915.D
Acq: 17 Oct 2018 11:02

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.9	28.6	43.0
170	25.1	19.7	29.5

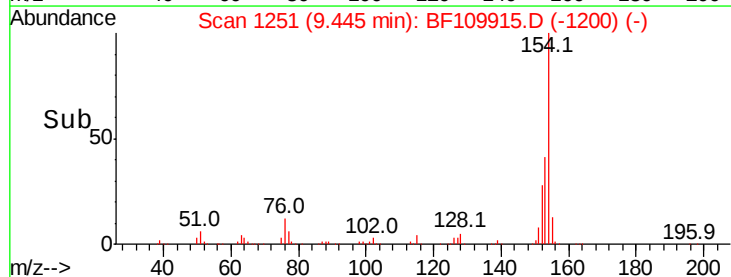
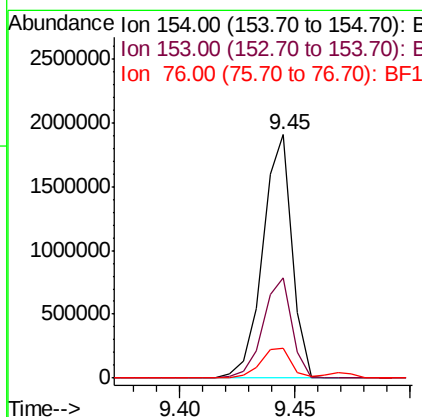
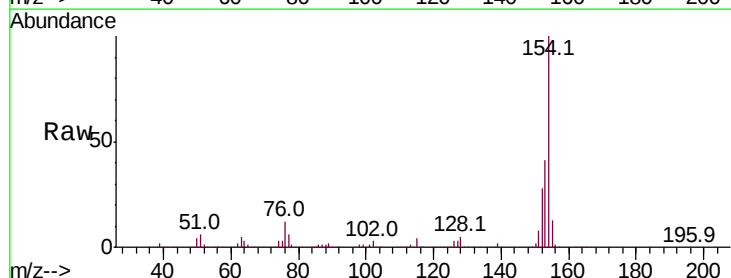
Manual Integrations
APPROVED

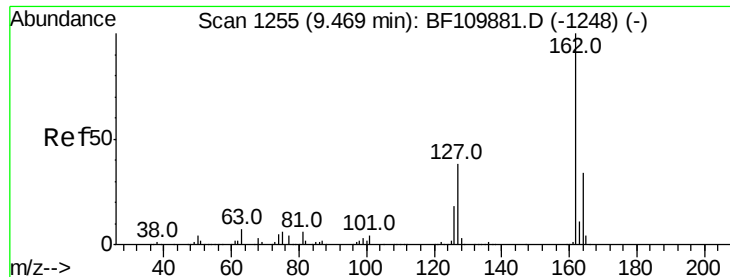
Sohil
10/18/2018 2:04:06 PM



#46
1,1'-Biphenyl
Concen: 38.317 ng
RT: 9.45 min Scan# 1251
Delta R.T. -0.00 min
Lab File: BF109915.D
Acq: 17 Oct 2018 11:02

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.4	20.4	60.4
76	12.1	0.0	31.9





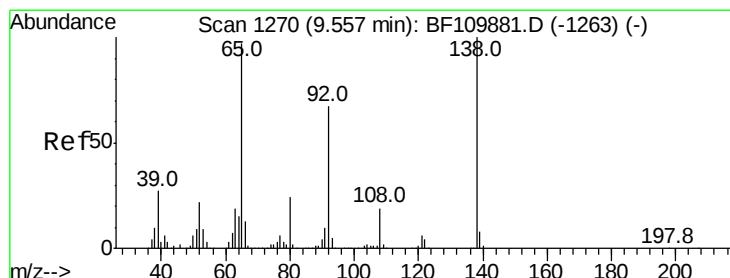
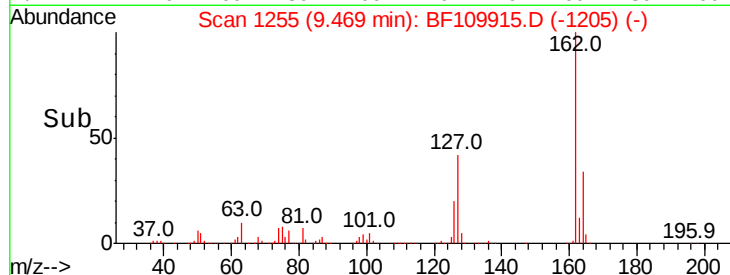
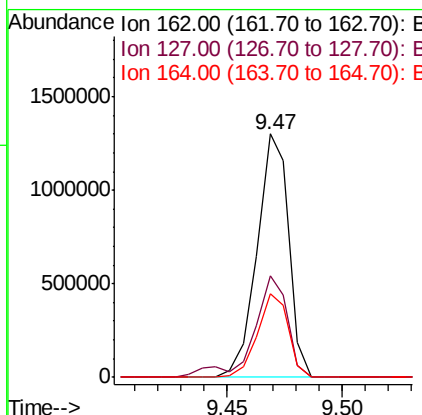
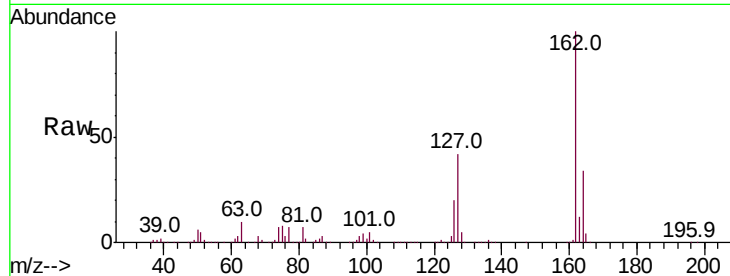
#47
 2-Chloronaphthalene
 Concen: 38.652 ng
 RT: 9.47 min Scan# 1255
 Delta R.T. -0.01 min
 Lab File: BF109915.D
 Acq: 17 Oct 2018 11:02

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
162	100		
127	41.8	32.6	48.8
164	34.4	25.9	38.9

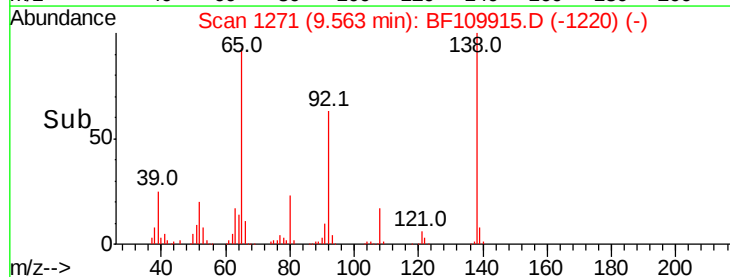
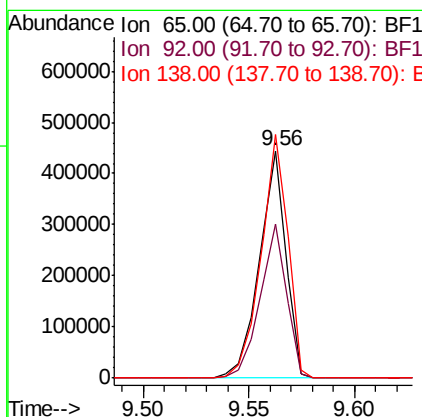
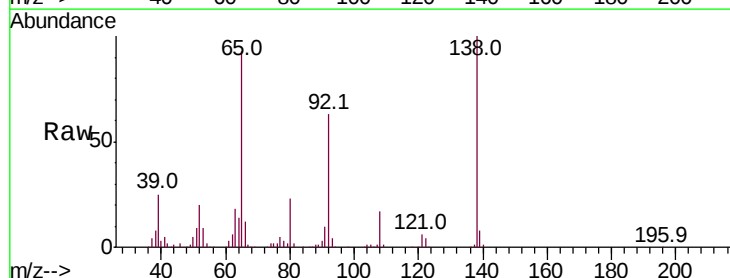
Manual Integrations
 APPROVED

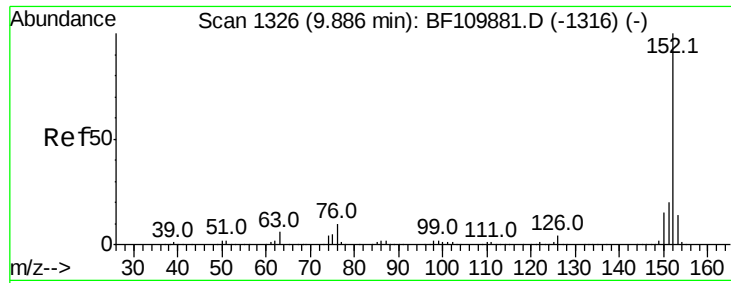
Sohil
 10/18/2018 2:04:06 PM



#48
 2-Nitroaniline
 Concen: 47.002 ng
 RT: 9.56 min Scan# 1271
 Delta R.T. -0.00 min
 Lab File: BF109915.D
 Acq: 17 Oct 2018 11:02

Tgt Ion	Ratio	Lower	Upper
65	100		
92	67.6	54.6	81.8
138	107.3	80.3	120.5





#49

Acenaphthylene

Concen: 38.470 ng

RT: 9.89 min Scan# 1326

Delta R.T. -0.01 min

Lab File: BF109915.D

Acq: 17 Oct 2018 11:02

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:152 Resp: 1796226

Ion Ratio Lower Upper

152 100

151 21.2 15.8 23.8

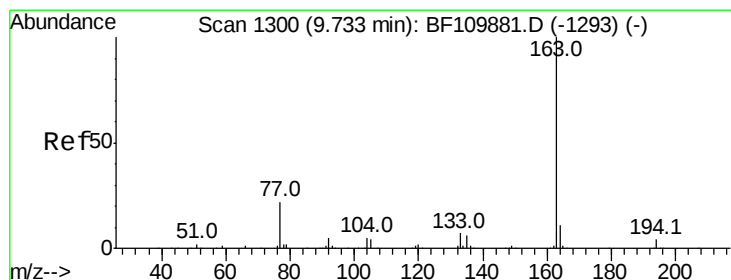
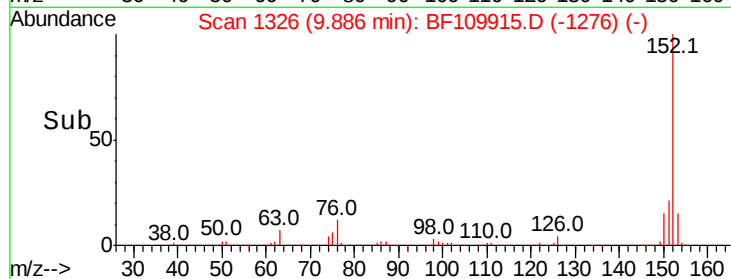
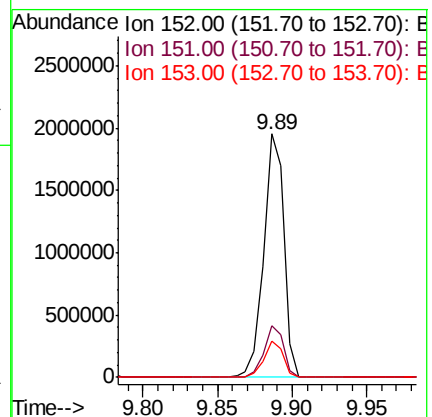
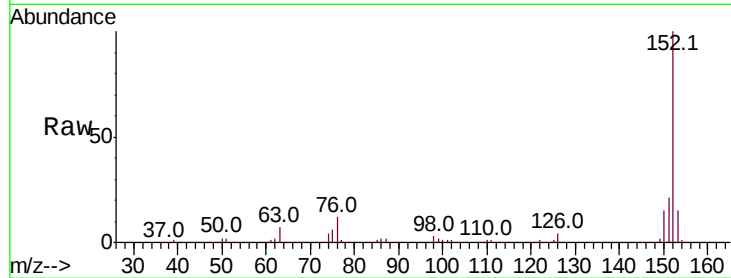
153 15.0 10.4 15.6

Manual Integrations
APPROVED

Sohil

10/18/2018 2:04:06 PM

10/18/2018 2:04:06 PM



#50

Dimethylphthalate

Concen: 38.859 ng

RT: 9.74 min Scan# 1301

Delta R.T. -0.00 min

Lab File: BF109915.D

Acq: 17 Oct 2018 11:02

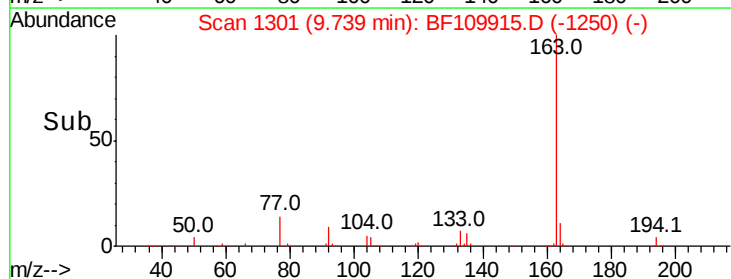
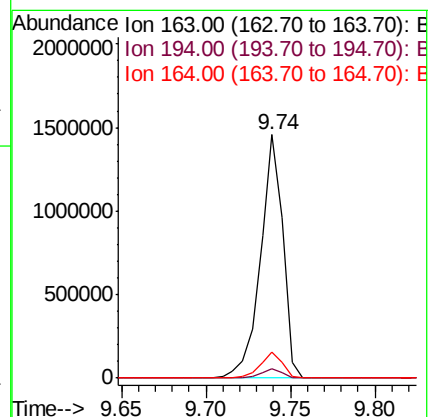
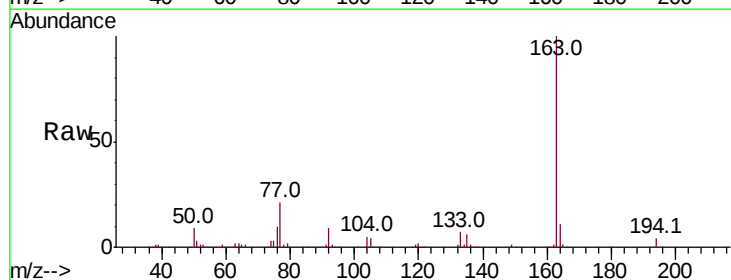
Tgt Ion:163 Resp: 1347552

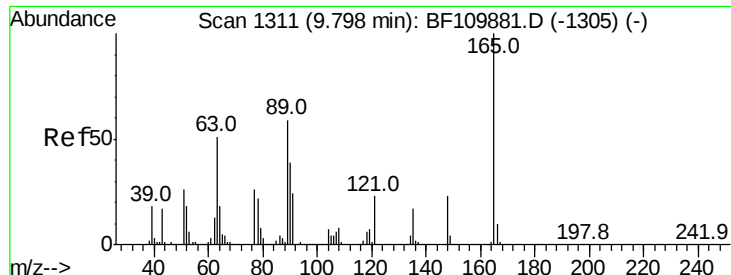
Ion Ratio Lower Upper

163 100

194 3.8 3.2 4.8

164 10.8 8.1 12.1





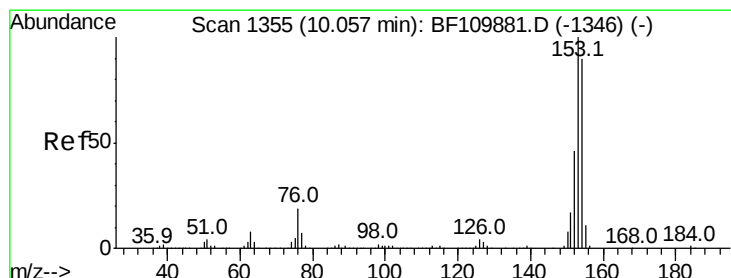
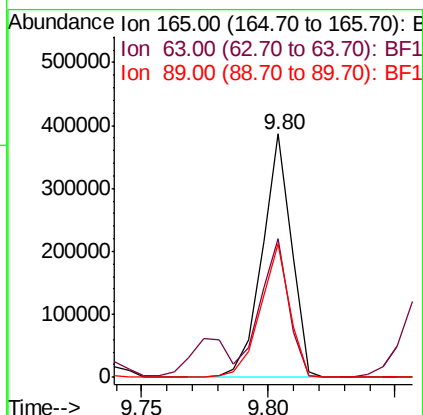
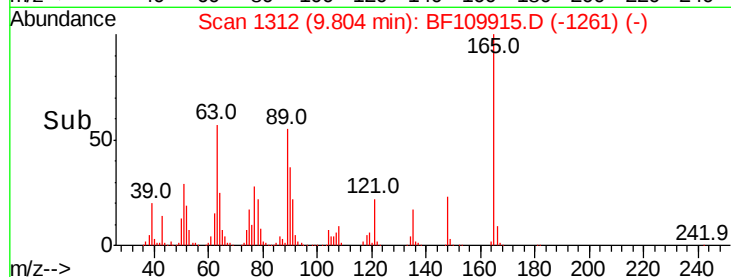
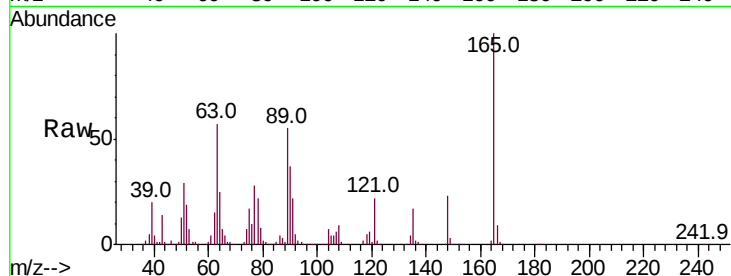
#51
2,6-Dinitrotoluene
Concen: 47.084 ng
RT: 9.80 min Scan# 1312
Delta R.T. -0.00 min
Lab File: BF109915.D
Acq: 17 Oct 2018 11:02

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
165	100	310118		
63	56.9	48.9	73.3	
89	54.8	46.6	69.8	

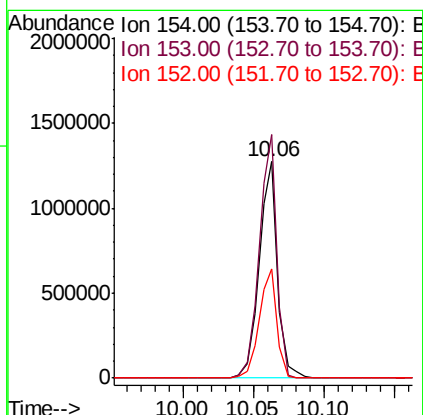
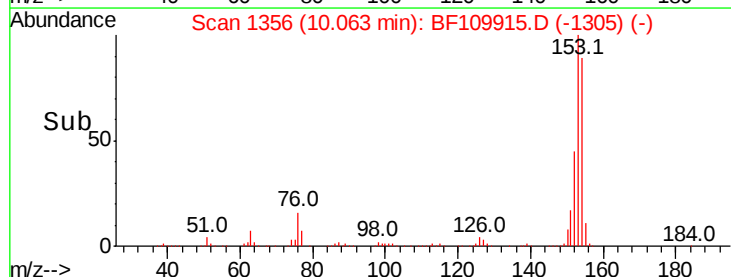
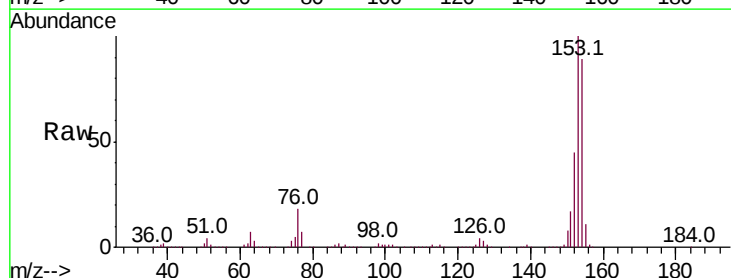
Manual Integrations
APPROVED

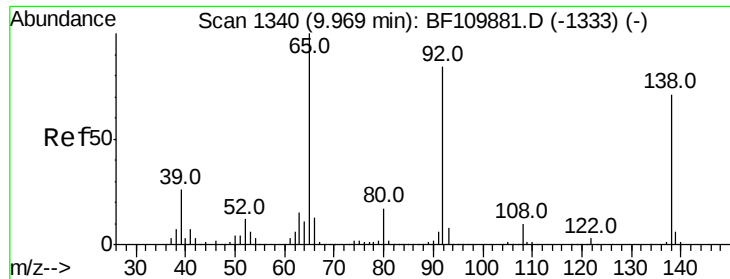
Sohil
10/18/2018 2:04:06 PM



#52
Acenaphthene
Concen: 39.123 ng
RT: 10.06 min Scan# 1356
Delta R.T. -0.00 min
Lab File: BF109915.D
Acq: 17 Oct 2018 11:02

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	1162959		
153	112.4	90.1	135.1	
152	50.4	43.4	65.2	





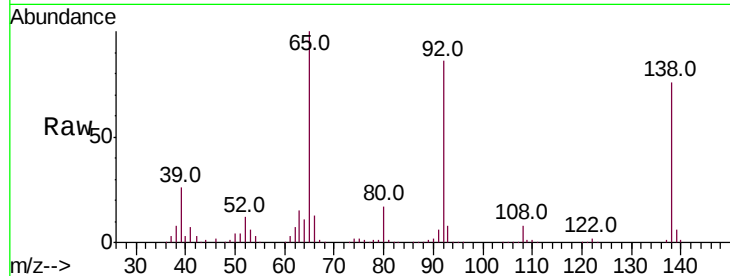
#53
3-Nitroaniline
Concen: 46.483 ng
RT: 9.97 min Scan# 1341
Delta R.T. -0.00 min
Lab File: BF109915.D
Acq: 17 Oct 2018 11:02

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
138	100		
108	11.1	8.7	13.1
92	113.2	97.0	145.4

Manual Integrations
APPROVED

Sohil
10/18/2018 2:04:06 PM

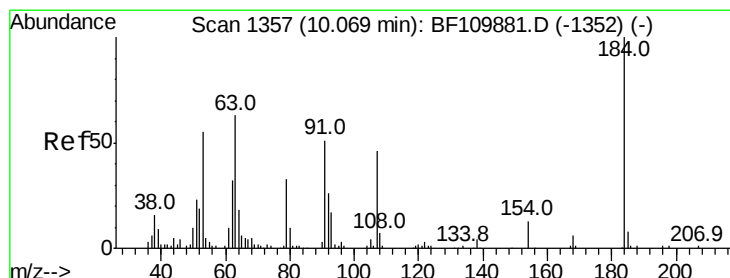
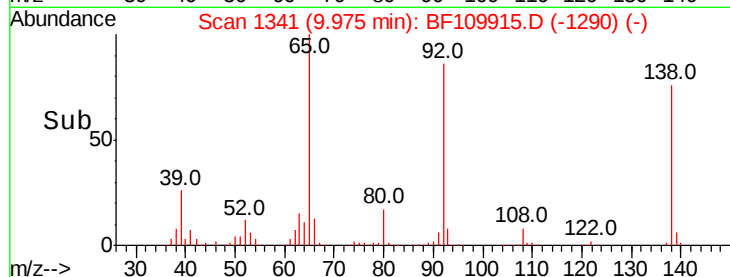
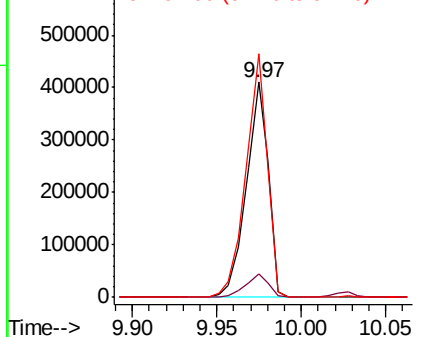


Abundance

Ion 138.00 (137.70 to 138.70): E

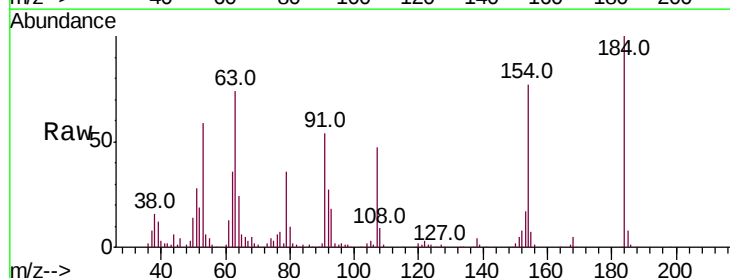
Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1



#54
2,4-Dinitrophenol
Concen: 40.035 ng
RT: 10.07 min Scan# 1358
Delta R.T. -0.01 min
Lab File: BF109915.D
Acq: 17 Oct 2018 11:02

Tgt Ion	Ratio	Lower	Upper
184	100		
63	74.1	55.8	83.6
154	77.1	63.2	94.8

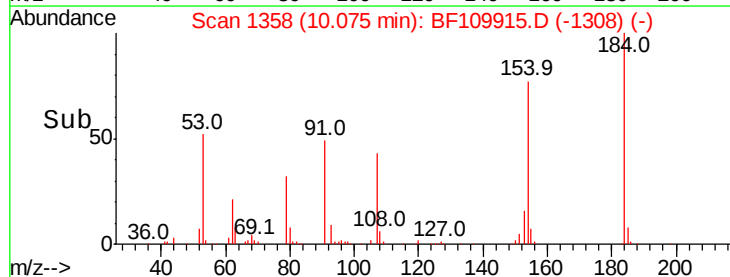
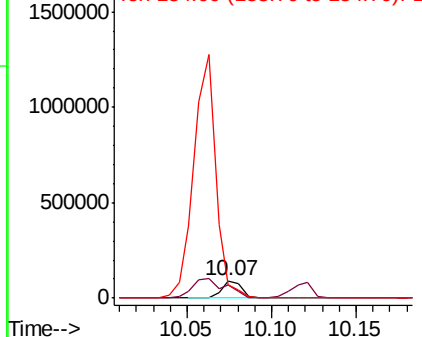


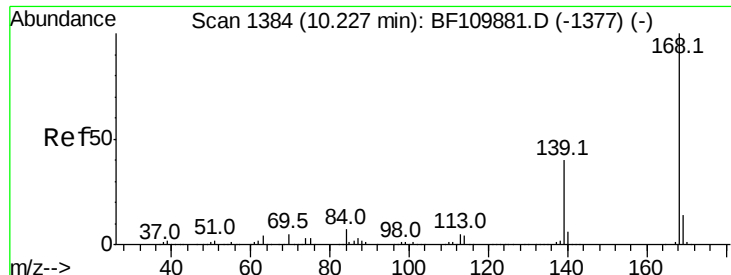
Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E





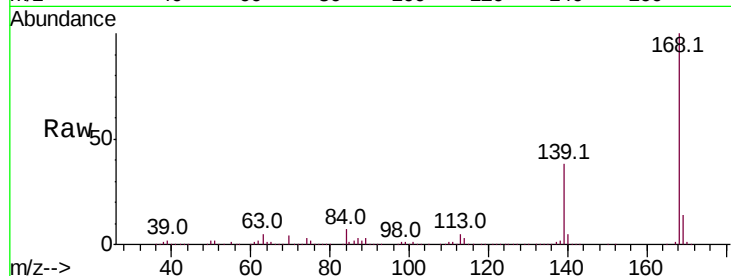
#55
Dibenzofuran
Concen: 38.738 ng
RT: 10.23 min Scan# 1385
Delta R.T. -0.00 min
Lab File: BF109915.D
Acq: 17 Oct 2018 11:02

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

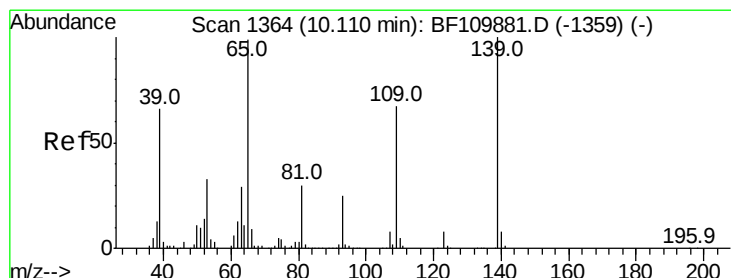
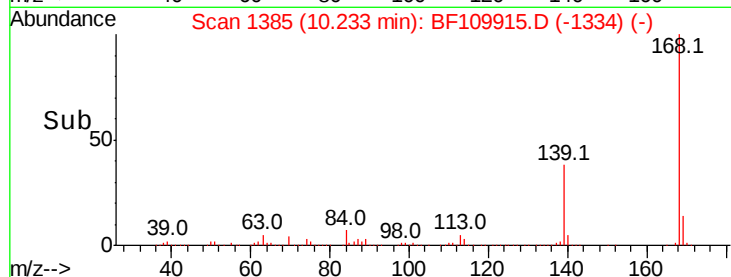
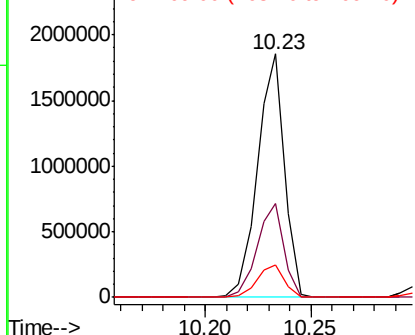
Tot Ion:168 Resp: 1642242
Ion Ratio Lower Upper
168 100
139 38.4 33.0 49.6
169 13.6 11.3 16.9

Manual Integrations
APPROVED

Sohil
10/18/2018 2:04:06 PM

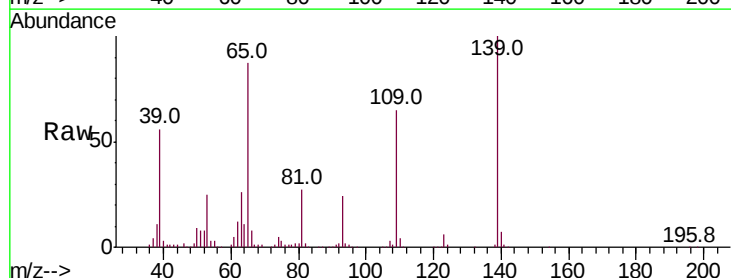


Abundance Ion 168.00 (167.70 to 168.70): E
2500000
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

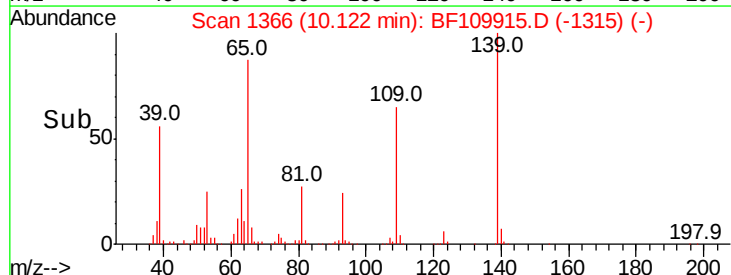
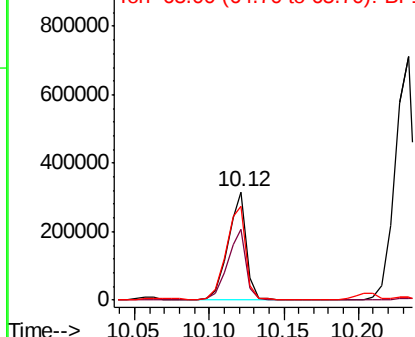


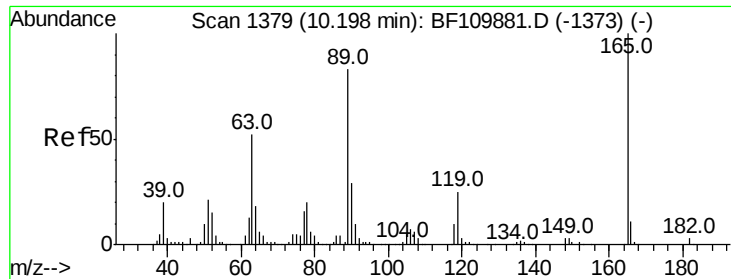
#56
4-Nitrophenol
Concen: 45.132 ng
RT: 10.12 min Scan# 1366
Delta R.T. -0.00 min
Lab File: BF109915.D
Acq: 17 Oct 2018 11:02

Tgt Ion:139 Resp: 275910
Ion Ratio Lower Upper
139 100
109 65.1 55.8 95.8
65 86.9 77.9 117.9



Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1





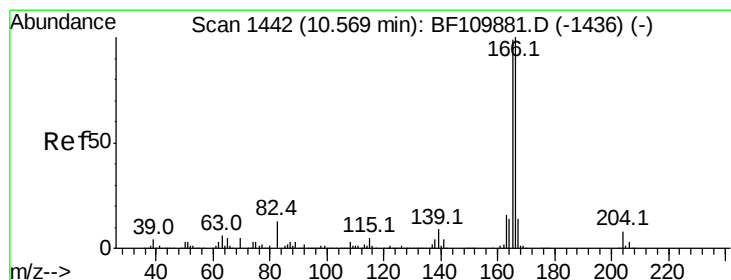
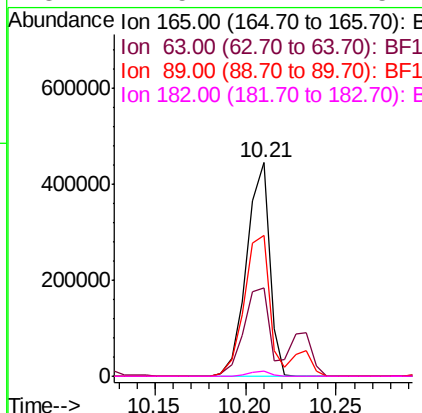
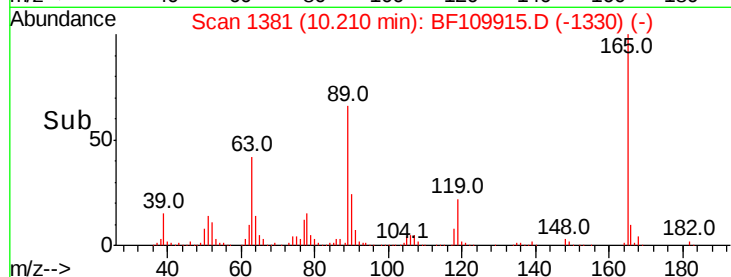
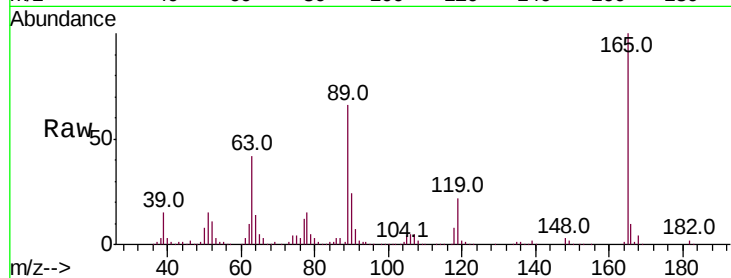
#57
2,4-Dinitrotoluene
Concen: 47.353 ng
RT: 10.21 min Scan# 1381
Delta R.T. -0.00 min
Lab File: BF109915.D
Acq: 17 Oct 2018 11:02

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
165	100		
63	41.6	44.8	67.2#
89	66.0	62.2	93.4
182	2.5	2.1	3.1

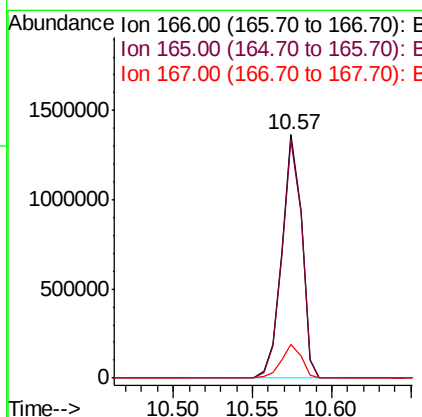
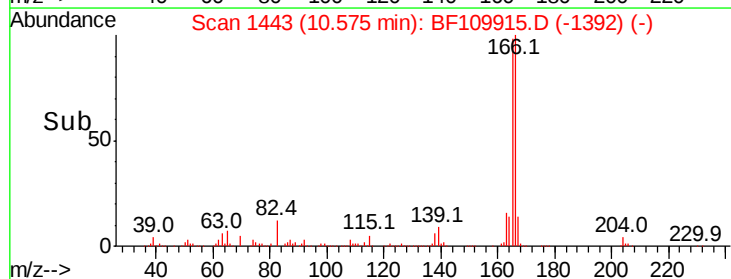
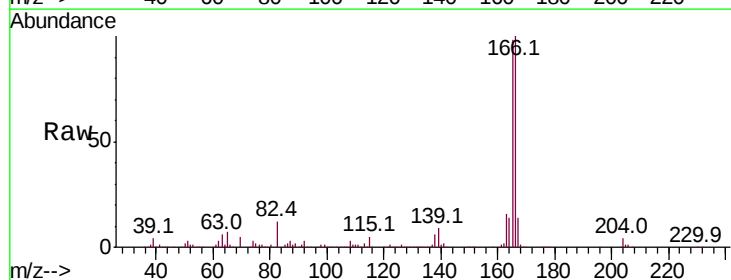
Manual Integrations
APPROVED

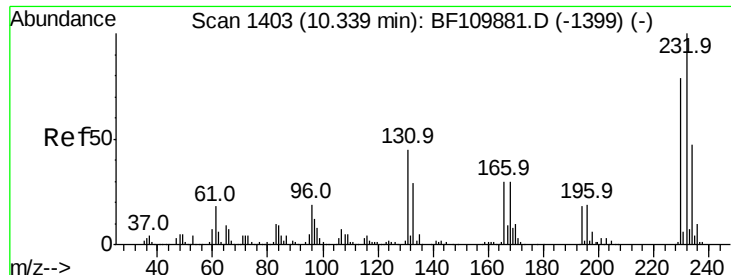
Sohil
10/18/2018 2:04:06 PM



#58
Fluorene
Concen: 38.383 ng
RT: 10.57 min Scan# 1443
Delta R.T. -0.00 min
Lab File: BF109915.D
Acq: 17 Oct 2018 11:02

Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.2	78.6	117.8
167	14.1	10.8	16.2





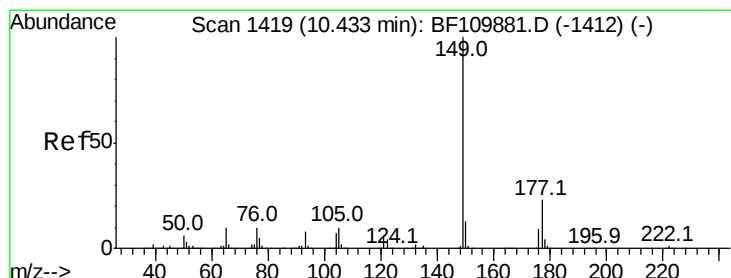
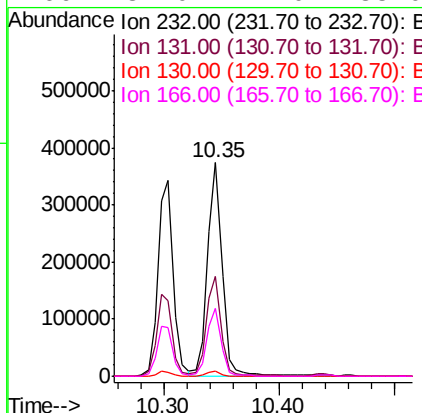
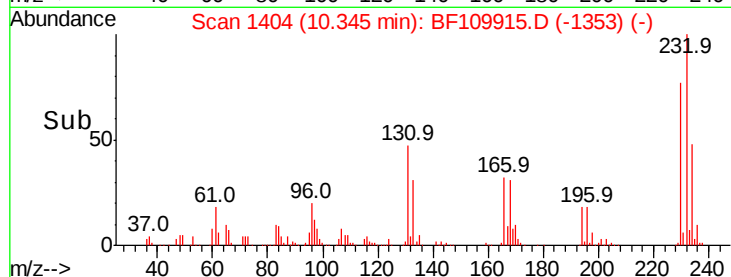
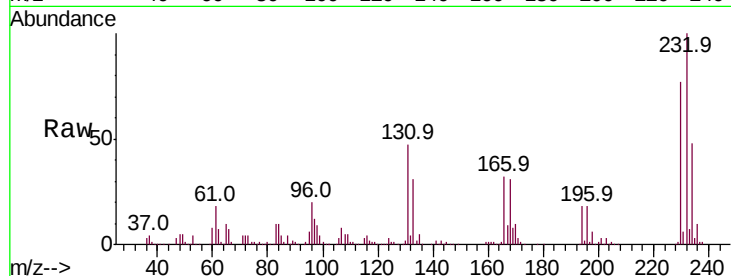
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 42.695 ng
 RT: 10.35 min Scan# 1404
 Delta R.T. -0.00 min
 Lab File: BF109915.D
 Acq: 17 Oct 2018 11:02

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
232	100		
131	46.9	37.0	55.4
130	2.4	1.8	2.6
166	31.0	22.0	33.0

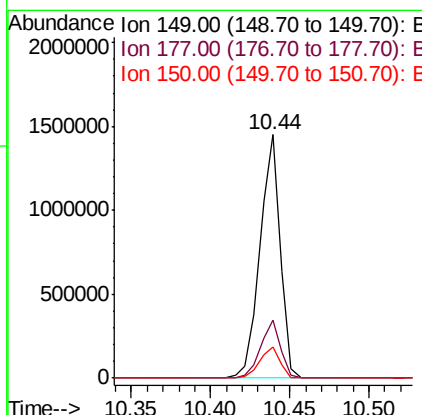
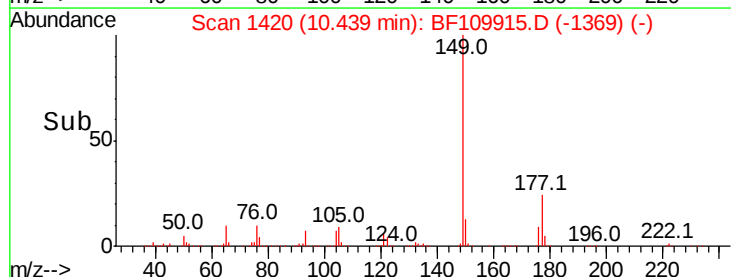
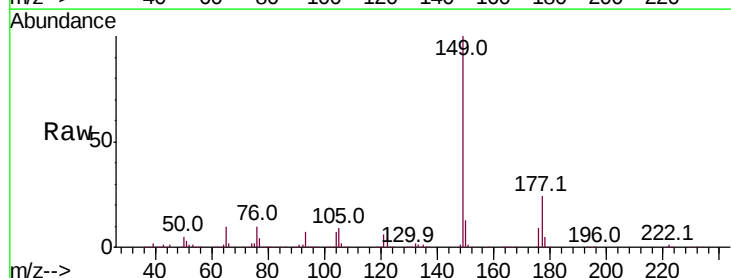
Manual Integrations
 APPROVED

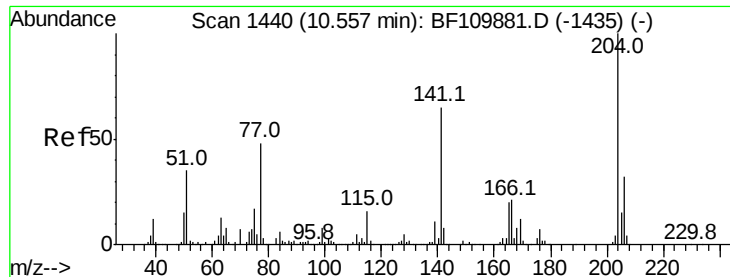
Sohil
 10/18/2018 2:04:06 PM



#60
 Diethylphthalate
 Concen: 37.871 ng
 RT: 10.44 min Scan# 1420
 Delta R.T. -0.00 min
 Lab File: BF109915.D
 Acq: 17 Oct 2018 11:02

Tgt Ion	Ratio	Lower	Upper
149	100		
177	23.6	17.4	26.2
150	12.9	9.8	14.8





#61
4-Chlorophenyl-phenylether
Concen: 38.889 ng
RT: 10.56 min Scan# 1441
Delta R.T. -0.00 min
Lab File: BF109915.D
Acq: 17 Oct 2018 11:02

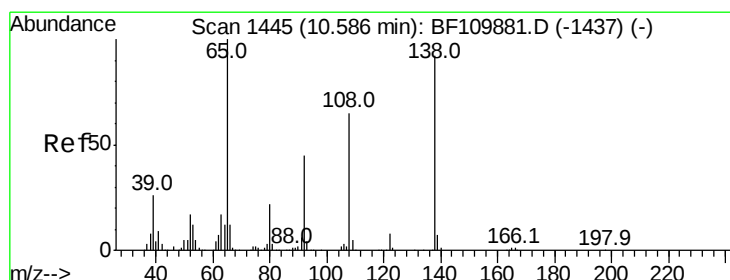
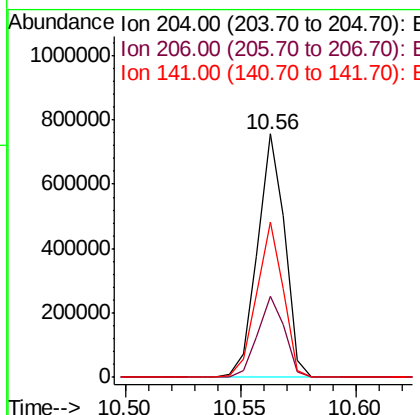
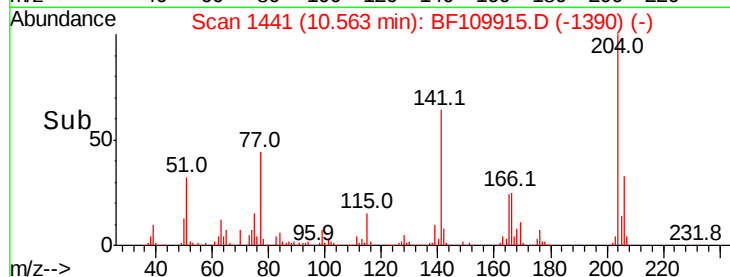
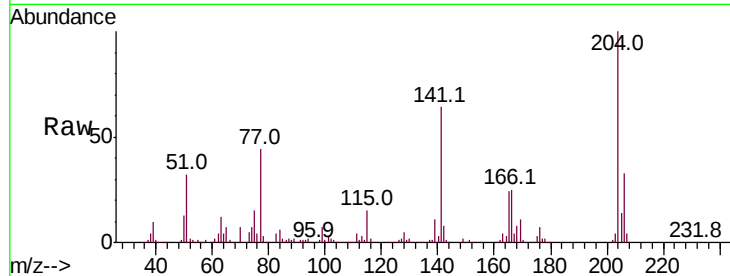
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.2	26.5	39.7
141	63.7	51.8	77.8

Manual Integrations
APPROVED

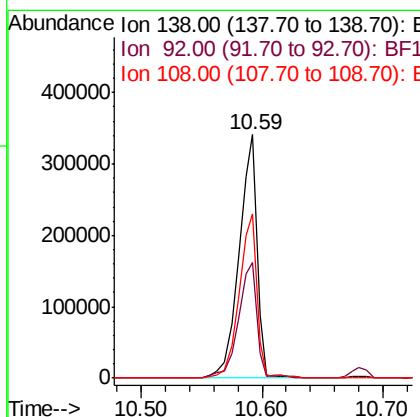
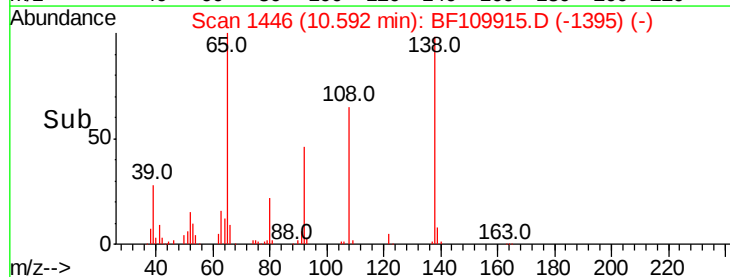
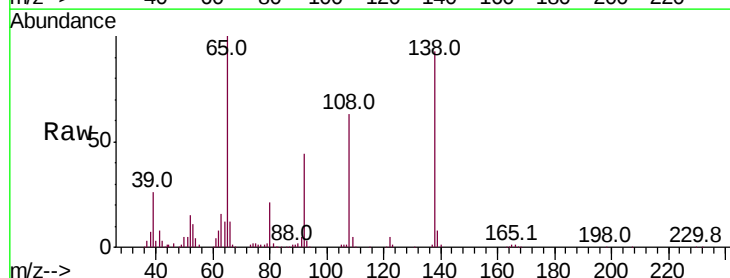
Sohil
10/18/2018 2:04:06 PM

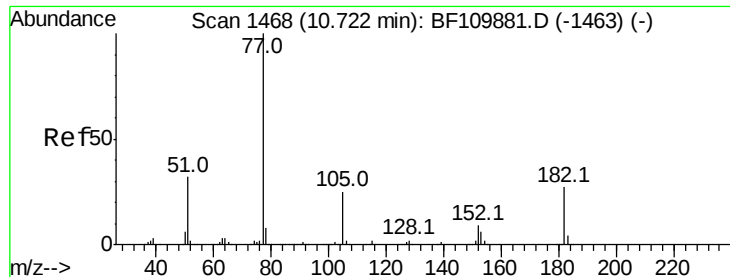
10/18/2018 2:04:06 PM



#62
4-Nitroaniline
Concen: 47.014 ng
RT: 10.59 min Scan# 1446
Delta R.T. -0.00 min
Lab File: BF109915.D
Acq: 17 Oct 2018 11:02

Tgt Ion	Ratio	Lower	Upper
138	100		
92	47.3	31.7	71.7
108	67.5	59.3	99.3





#63
Azobenzene
Concen: 37.357 ng
RT: 10.73 min Scan# 1469
Delta R.T. -0.00 min
Lab File: BF109915.D
Acq: 17 Oct 2018 11:02

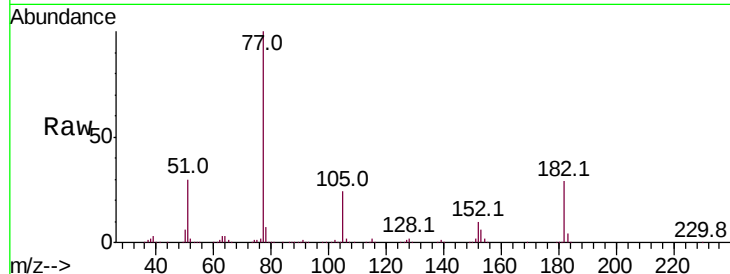
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
77	100		
182	29.0	4.3	44.3
105	24.4	1.3	41.3
51	29.9	9.0	49.0

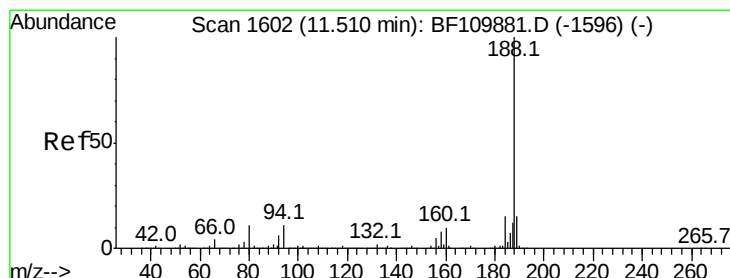
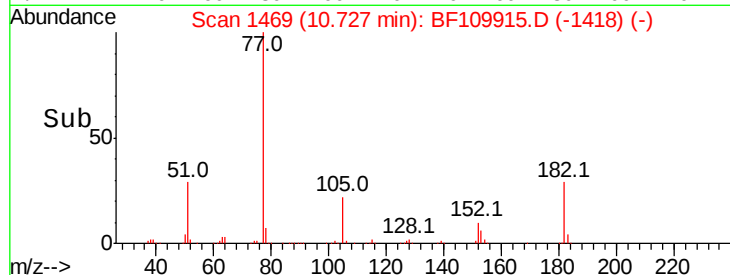
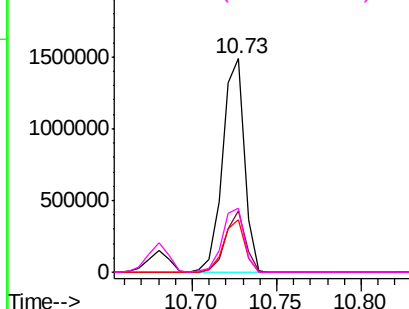
Manual Integrations
APPROVED

Sohil
10/18/2018 2:04:06 PM

10/18/2018 2:04:06 PM



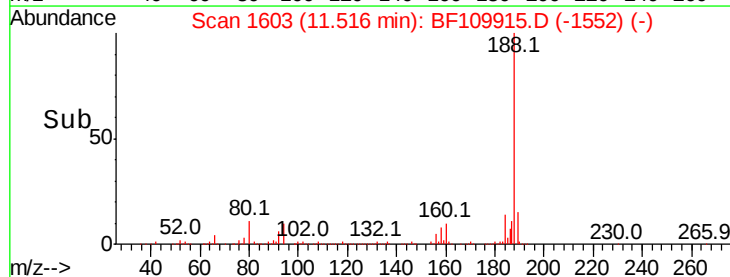
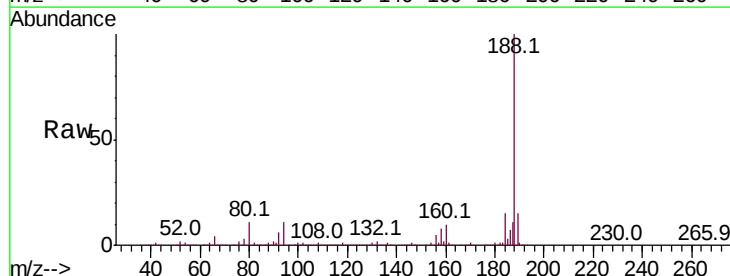
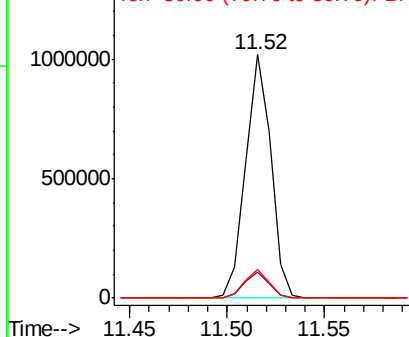
Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

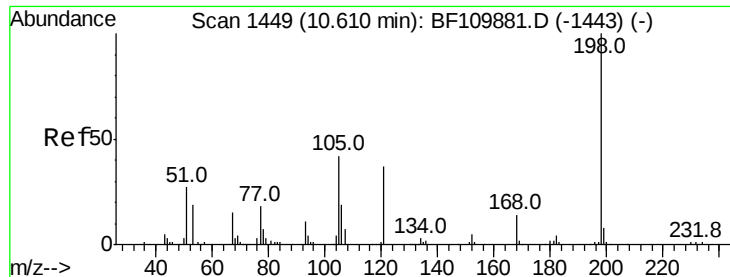


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.52 min Scan# 1603
Delta R.T. -0.00 min
Lab File: BF109915.D
Acq: 17 Oct 2018 11:02

Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.5	7.2	10.8
80	11.5	7.9	11.9

Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1





#65
4,6-Dinitro-2-methylphenol
Concen: 40.964 ng
RT: 10.62 min Scan# 1450
Delta R.T. -0.01 min
Lab File: BF109915.D
Acq: 17 Oct 2018 11:02

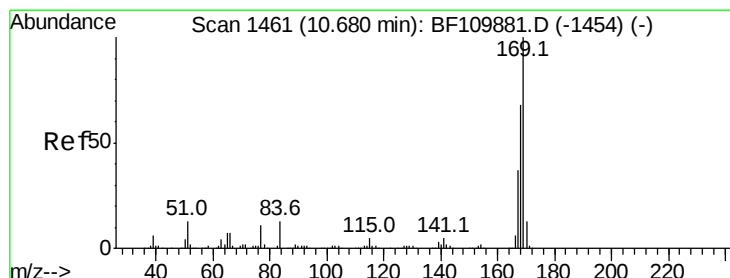
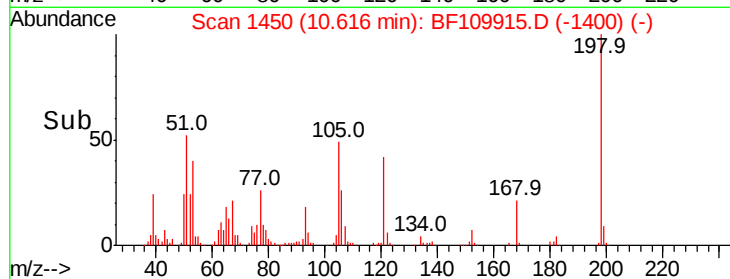
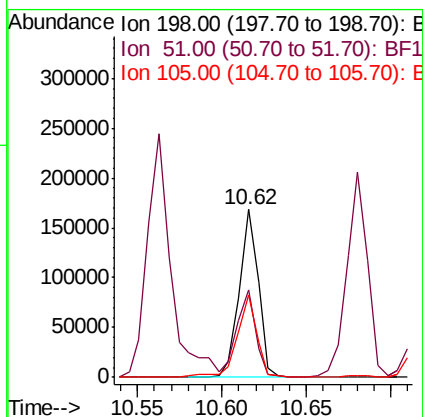
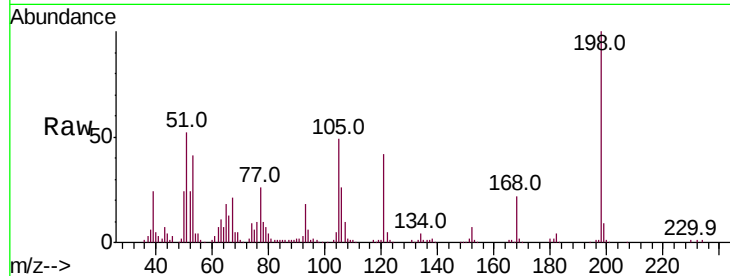
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
198	100	131760		
51	51.9	22.8	62.8	
105	49.3	23.6	63.6	

Manual Integrations
APPROVED

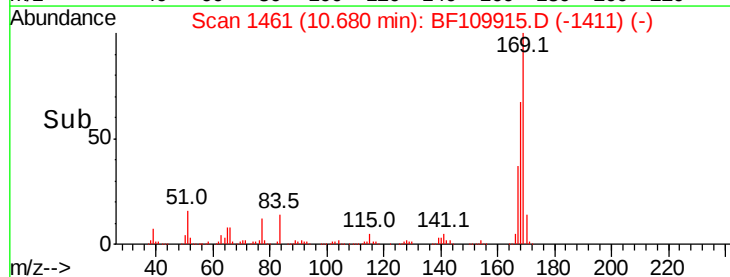
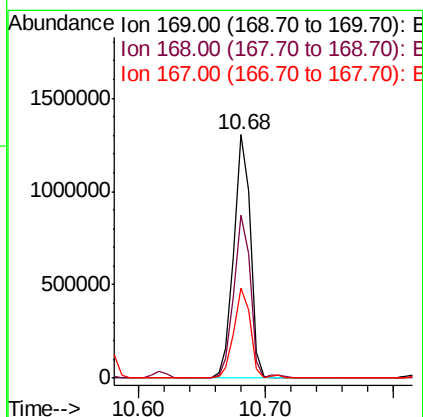
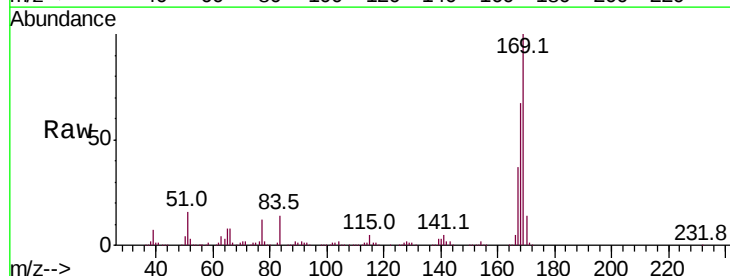
Sohil
10/18/2018 2:04:06 PM

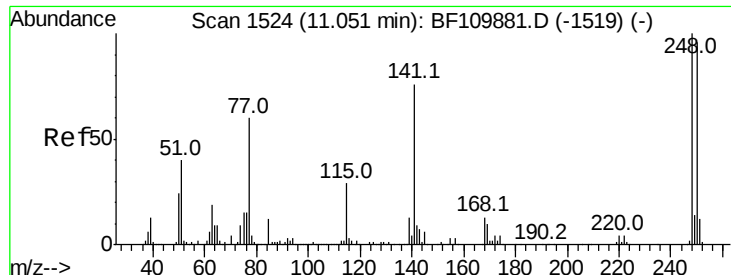
10/18/2018 2:04:06 PM



#66
n-Nitrosodiphenylamine
Concen: 38.023 ng
RT: 10.68 min Scan# 1461
Delta R.T. -0.01 min
Lab File: BF109915.D
Acq: 17 Oct 2018 11:02

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	1163759		
168	67.0	51.2	76.8	
167	37.1	27.8	41.6	





#67
 4-Bromophenyl-phenylether
 Concen: 38.214 ng
 RT: 11.06 min Scan# 1525
 Delta R.T. -0.00 min
 Lab File: BF109915.D
 Acq: 17 Oct 2018 11:02

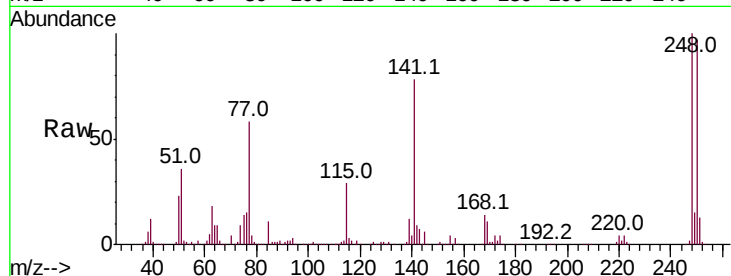
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
248	100		
250	96.6	79.4	119.2
141	77.5	55.9	83.9

Manual Integrations
 APPROVED

Sohil
 10/18/2018 2:04:06 PM

10/18/2018 2:04:06 PM

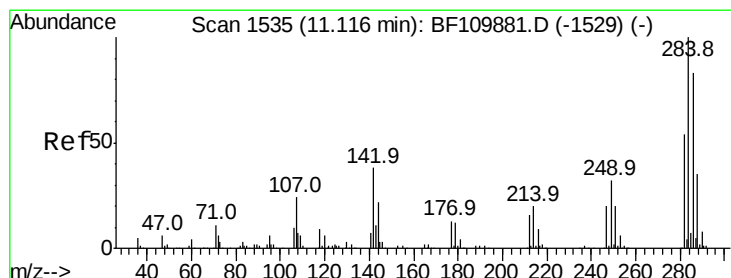
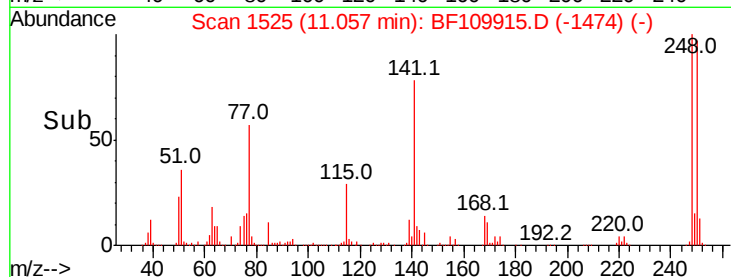
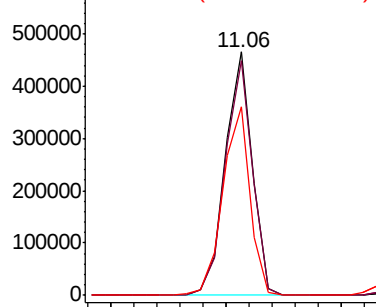


Abundance

Ion 248.00 (247.70 to 248.70): E

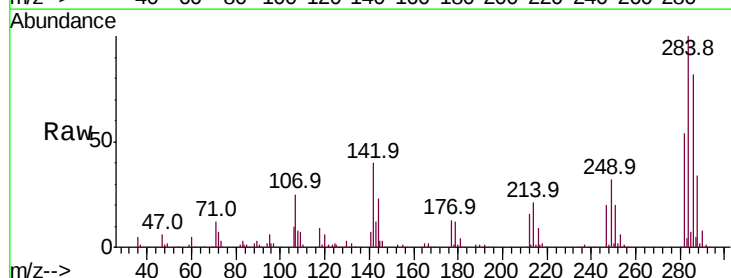
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
 Hexachlorobenzene
 Concen: 38.135 ng
 RT: 11.12 min Scan# 1536
 Delta R.T. -0.01 min
 Lab File: BF109915.D
 Acq: 17 Oct 2018 11:02

Tgt Ion	Ratio	Lower	Upper
284	100		
142	40.2	23.9	35.9#
249	31.5	24.2	36.2

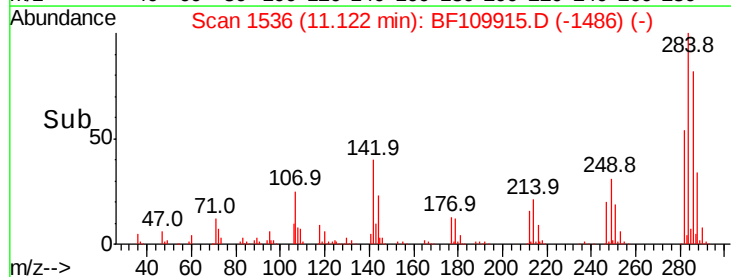
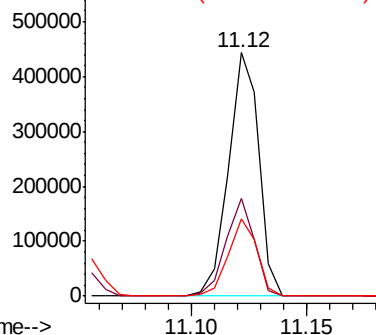


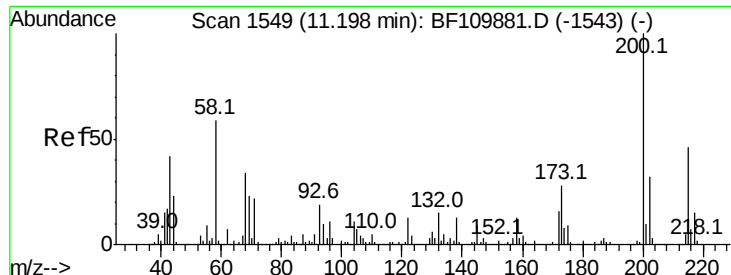
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





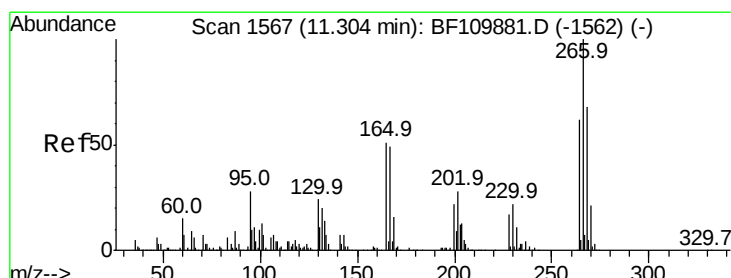
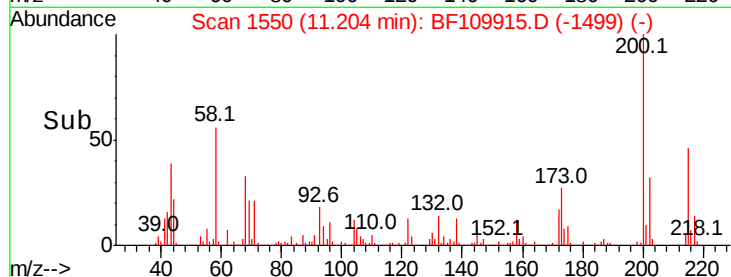
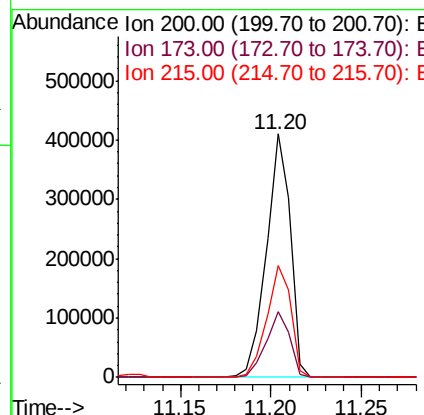
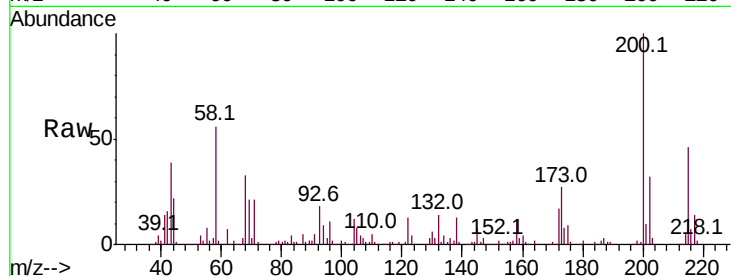
#69
Atrazine
Concen: 39.361 ng
RT: 11.20 min Scan# 1550
Delta R.T. -0.00 min
Lab File: BF109915.D
Acq: 17 Oct 2018 11:02

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp Lower	Upper
200	100		
173	27.1	6.6	46.6
215	46.1	26.3	66.3

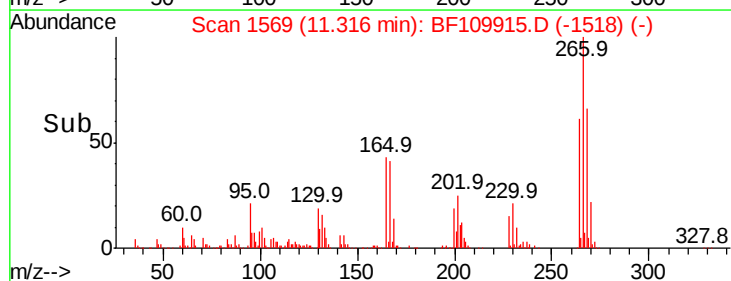
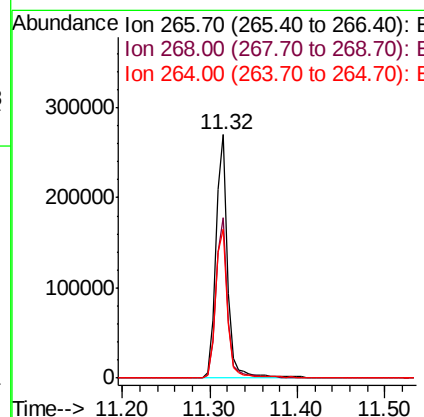
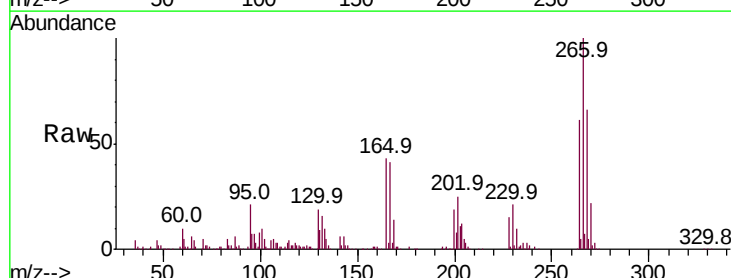
Manual Integrations
APPROVED

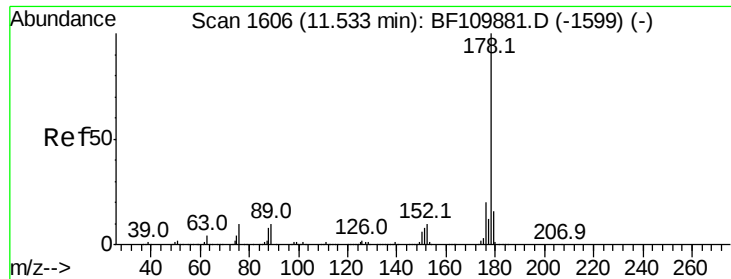
Sohil
10/18/2018 2:04:06 PM



#70
Pentachlorophenol
Concen: 41.745 ng
RT: 11.32 min Scan# 1569
Delta R.T. -0.00 min
Lab File: BF109915.D
Acq: 17 Oct 2018 11:02

Tgt Ion	Ratio	Resp Lower	Upper
266	100		
268	65.9	50.6	75.8
264	61.4	50.6	75.8





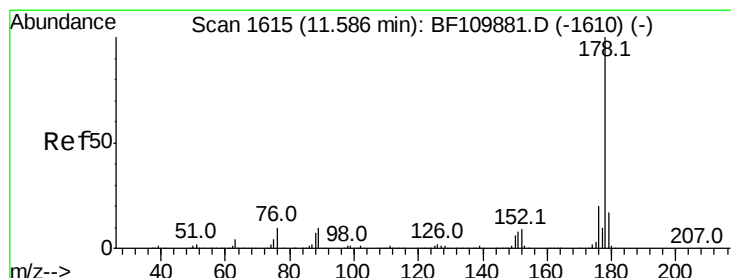
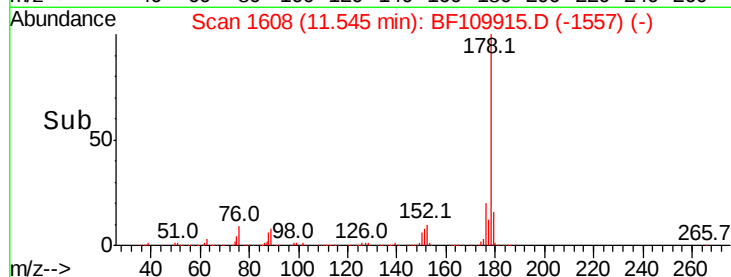
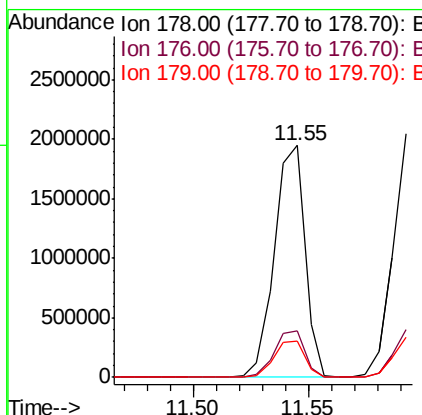
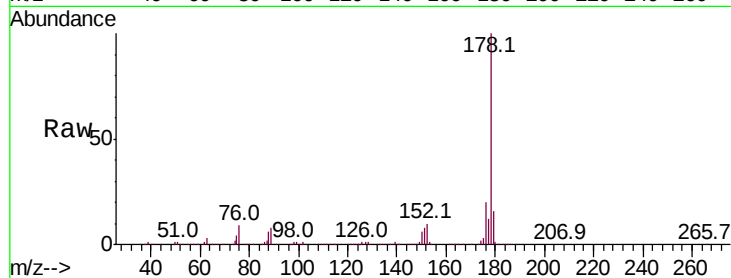
#71
Phenanthrene
Concen: 37.686 ng
RT: 11.55 min Scan# 1608
Delta R.T. -0.00 min
Lab File: BF109915.D
Acq: 17 Oct 2018 11:02

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
178	100		
176	20.0	15.5	23.3
179	15.6	12.5	18.7

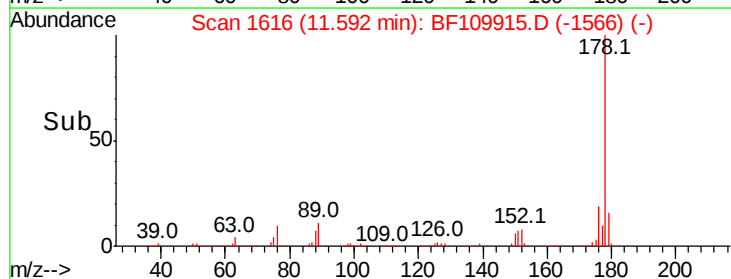
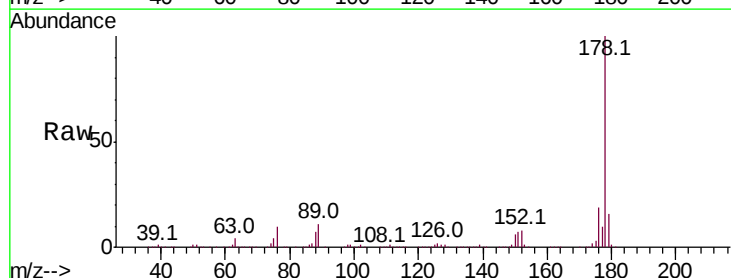
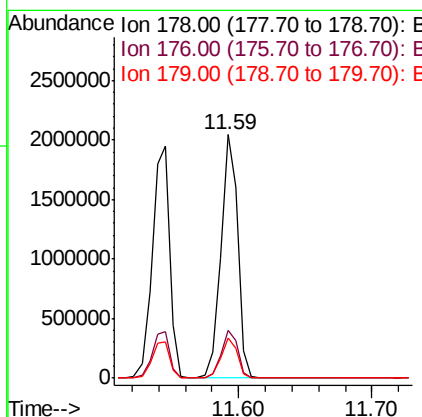
Manual Integrations
APPROVED

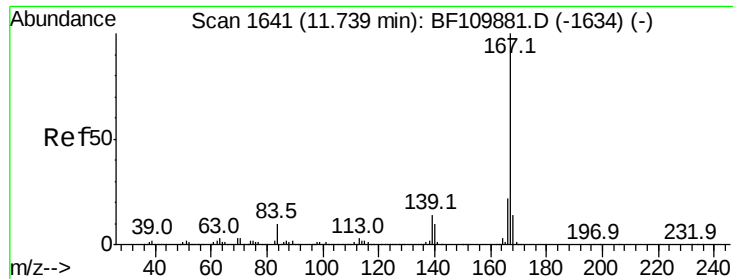
Sohil
10/18/2018 2:04:06 PM



#72
Anthracene
Concen: 37.998 ng
RT: 11.59 min Scan# 1616
Delta R.T. -0.01 min
Lab File: BF109915.D
Acq: 17 Oct 2018 11:02

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.4	23.2
179	16.3	12.6	18.8





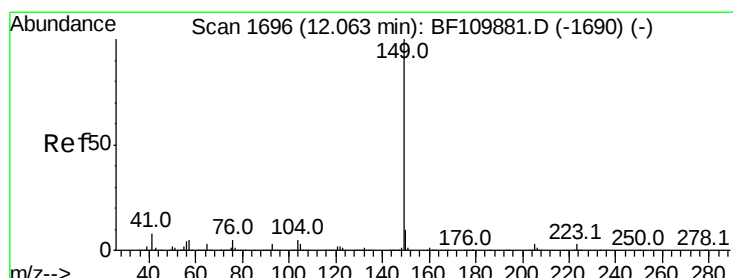
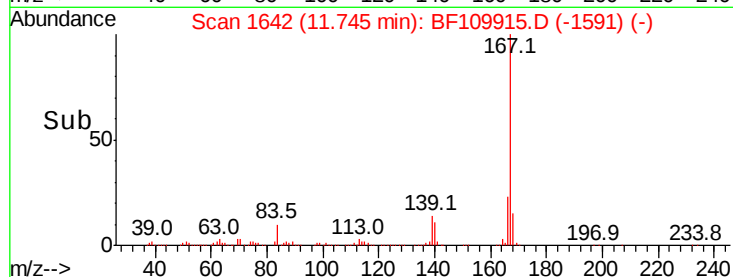
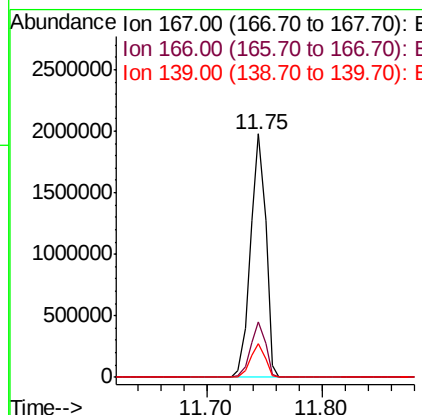
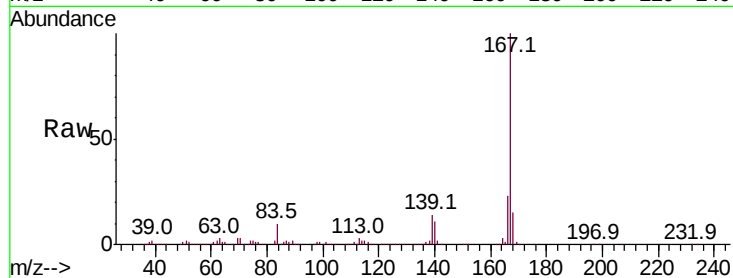
#73
 Carbazole
 Concen: 38.326 ng
 RT: 11.75 min Scan# 1642
 Delta R.T. -0.00 min
 Lab File: BF109915.D
 Acq: 17 Oct 2018 11:02

Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

Tot Ion	Ratio	Lower	Upper
167	100		
166	22.9	17.4	26.0
139	14.1	10.9	16.3

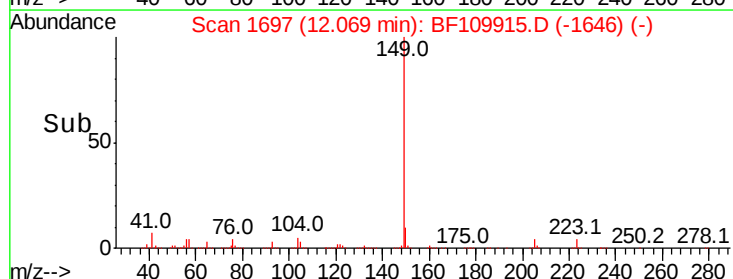
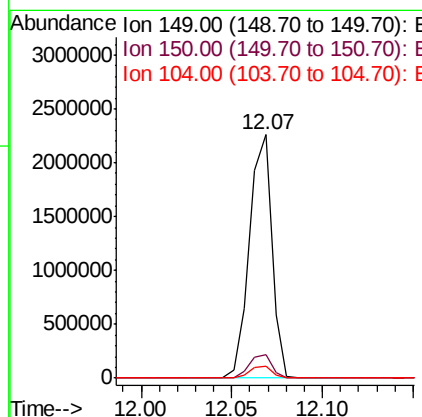
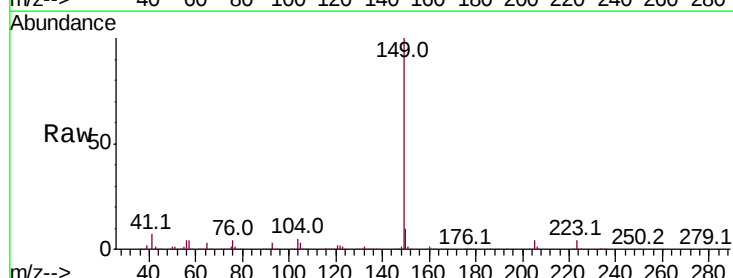
Manual Integrations
 APPROVED

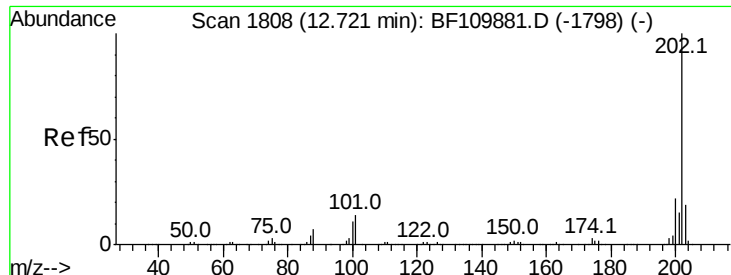
Sohil
 10/18/2018 2:04:06 PM



#74
 Di-n-butylphthalate
 Concen: 37.236 ng
 RT: 12.07 min Scan# 1697
 Delta R.T. -0.00 min
 Lab File: BF109915.D
 Acq: 17 Oct 2018 11:02

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.5	7.7	11.5
104	5.0	4.2	6.4





#75
 Fluoranthene
 Concen: 38.757 ng
 RT: 12.73 min Scan# 1810
 Delta R.T. -0.00 min
 Lab File: BF109915.D
 Acq: 17 Oct 2018 11:02

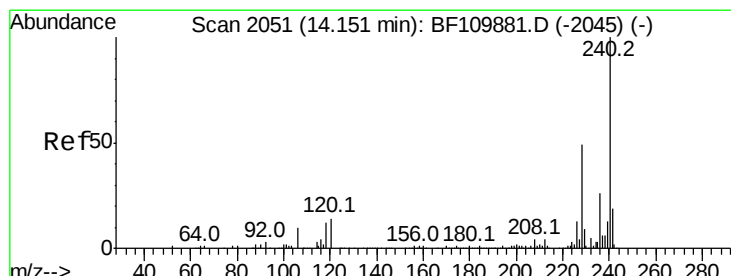
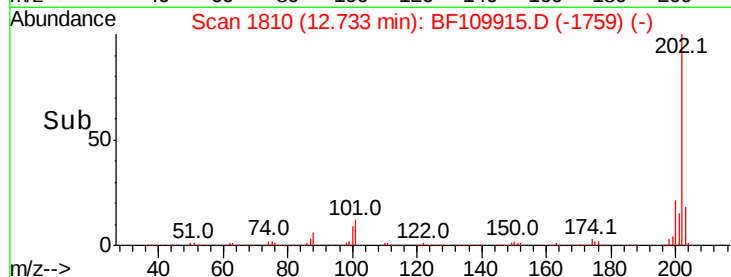
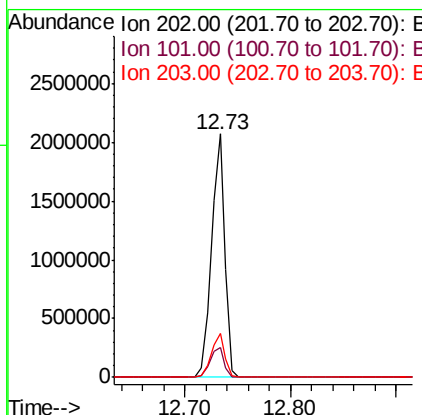
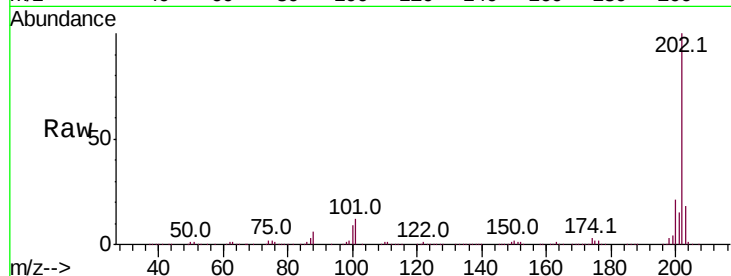
Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

Tot Ion	Ratio	Lower	Upper
202	100		
101	12.4	0.0	31.4
203	18.1	0.0	37.7

Manual Integrations
 APPROVED

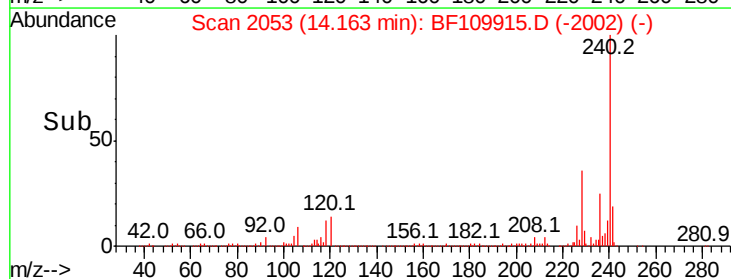
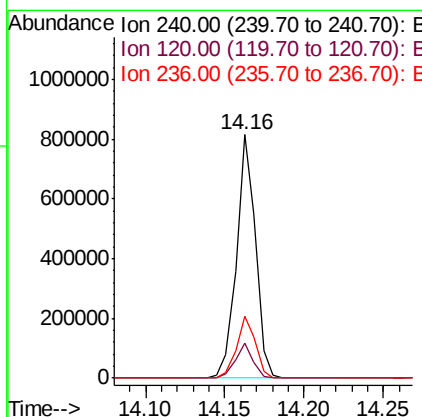
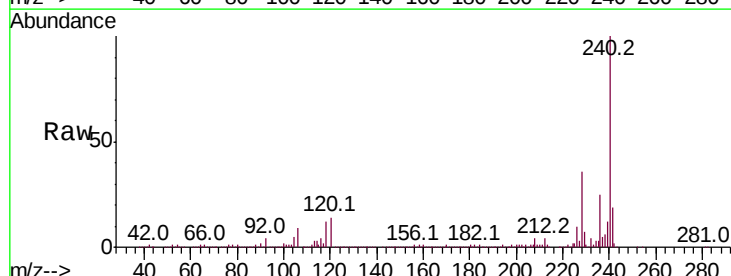
Sohil
 10/18/2018 2:04:06 PM

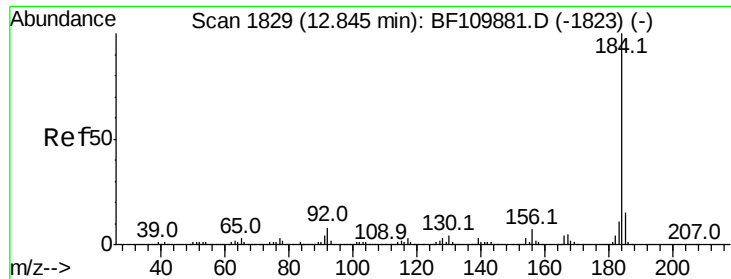
10/18/2018 2:04:06 PM



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.16 min Scan# 2053
 Delta R.T. -0.00 min
 Lab File: BF109915.D
 Acq: 17 Oct 2018 11:02

Tgt Ion	Ratio	Lower	Upper
240	100		
120	14.2	8.3	12.5#
236	25.3	21.2	31.8





#77

Benzidine

Concen: 35.074 ng

RT: 12.85 min Scan# 1830

Delta R.T. -0.00 min

Lab File: BF109915.D

Acq: 17 Oct 2018 11:02

Instrument :

BNA_F

ClientSampleId :

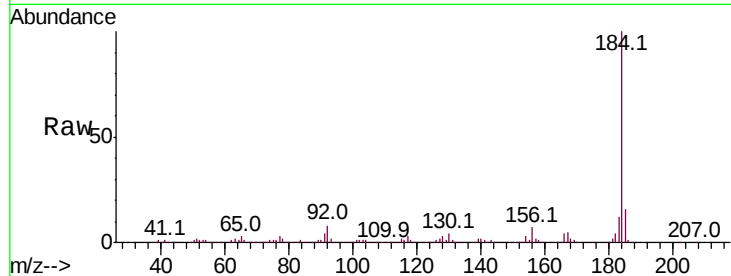
SSTDCCC040

Tot Ion:	184	Resp:	911457
Ion Ratio	Lower	Upper	
184	100		
185	15.6	13.4	20.2
183	11.7	9.4	14.2

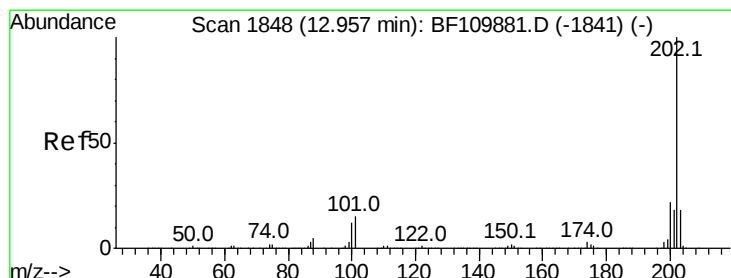
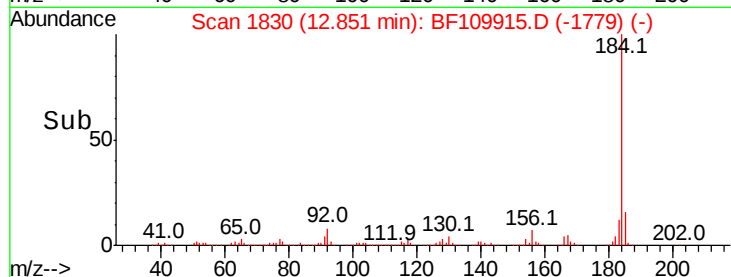
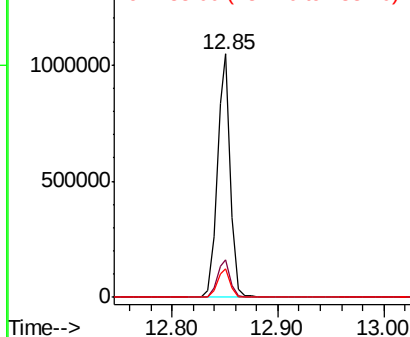
Manual Integrations
APPROVED

Sohil
10/18/2018 2:04:06 PM

10/18/2018 2:04:06 PM



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 37.889 ng

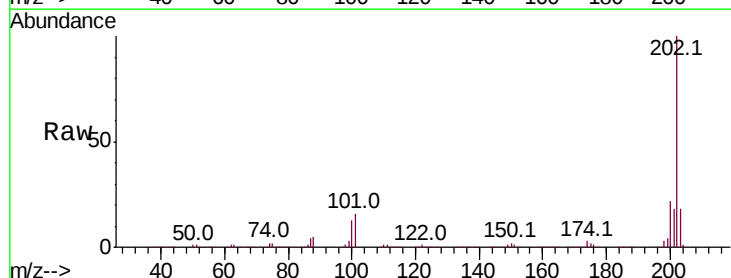
RT: 12.96 min Scan# 1849

Delta R.T. -0.01 min

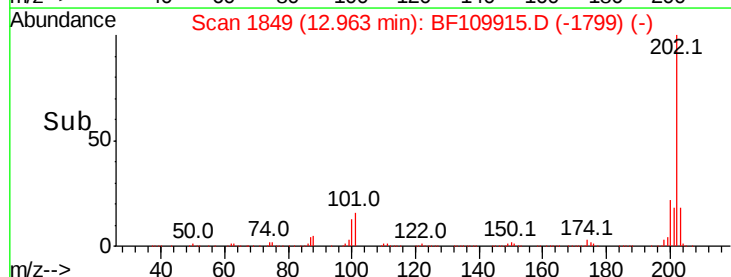
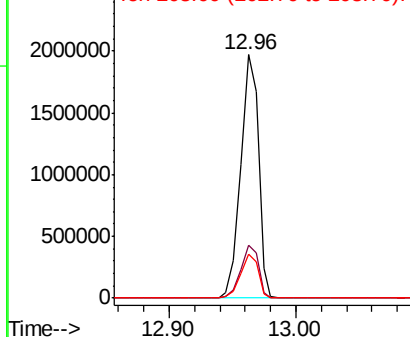
Lab File: BF109915.D

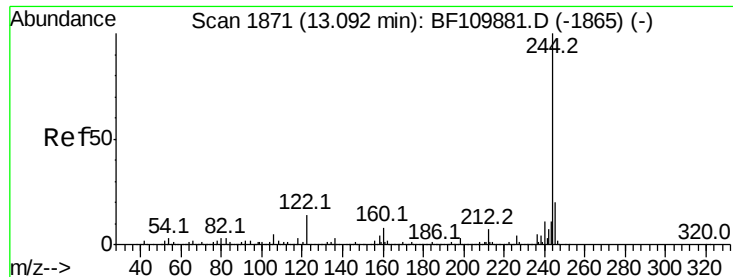
Acq: 17 Oct 2018 11:02

Tgt Ion:	202	Resp:	1886139
Ion Ratio	Lower	Upper	
202	100		
200	21.7	17.8	26.6
203	18.2	14.2	21.4



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 72.839 ng

RT: 13.10 min Scan# 1873

Delta R.T. -0.00 min

Lab File: BF109915.D

Acq: 17 Oct 2018 11:02

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:244 Resp: 2350996

Ion Ratio Lower Upper

244 100

212 7.2 5.8 8.8

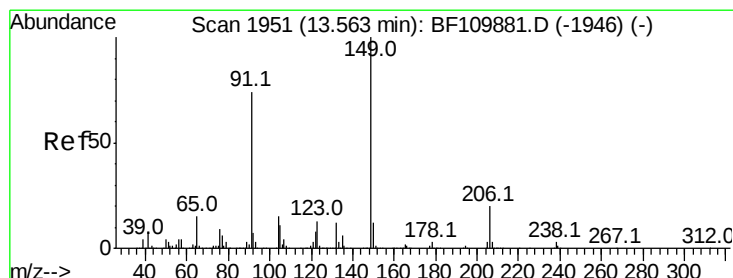
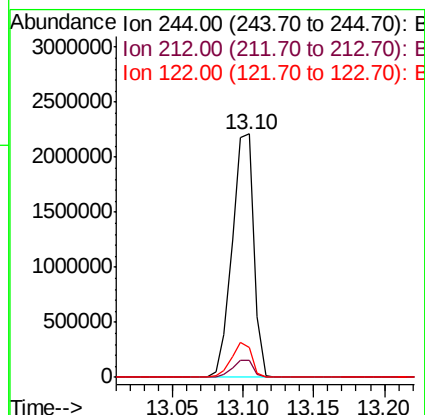
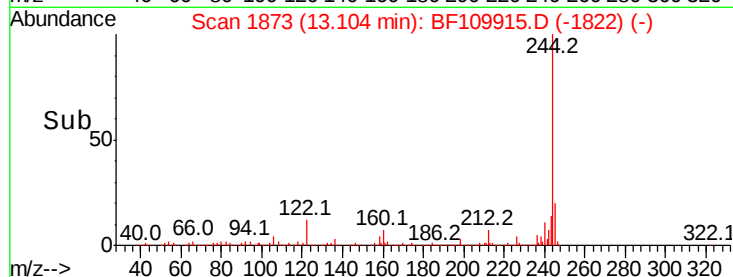
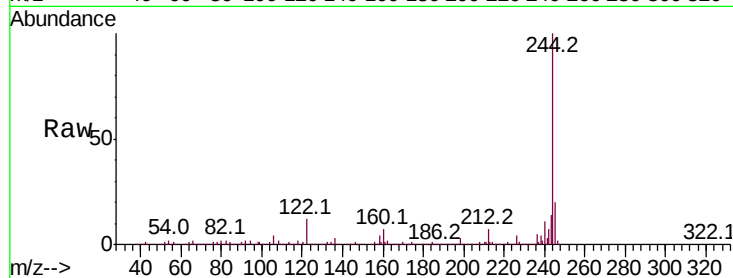
122 12.0 8.7 13.1

Manual Integrations
APPROVED

Sohil

10/18/2018 2:04:06 PM

10/18/2018 2:04:06 PM



#80

Butylbenzylphthalate

Concen: 40.477 ng

RT: 13.57 min Scan# 1952

Delta R.T. -0.00 min

Lab File: BF109915.D

Acq: 17 Oct 2018 11:02

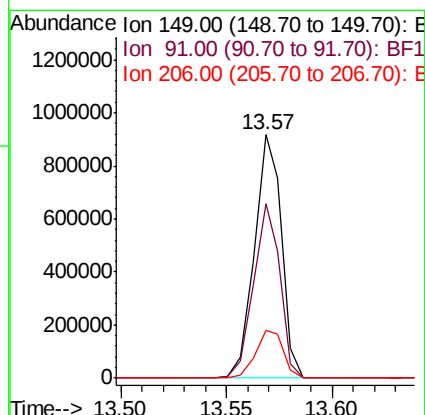
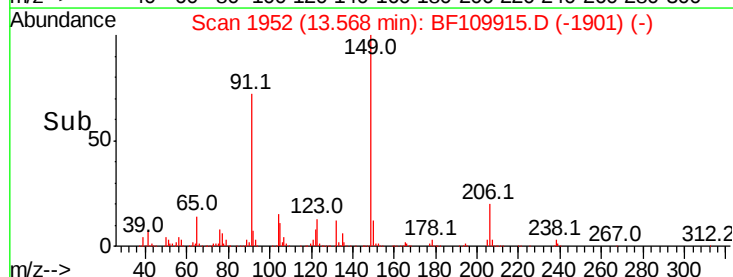
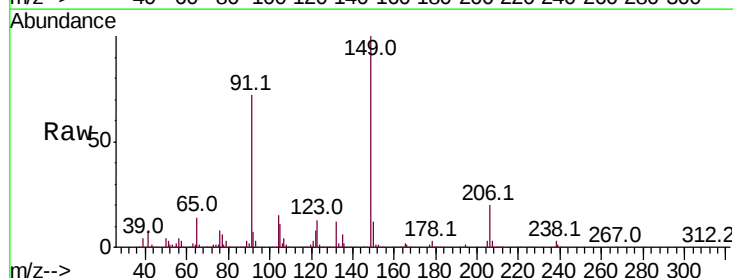
Tgt Ion:149 Resp: 814638

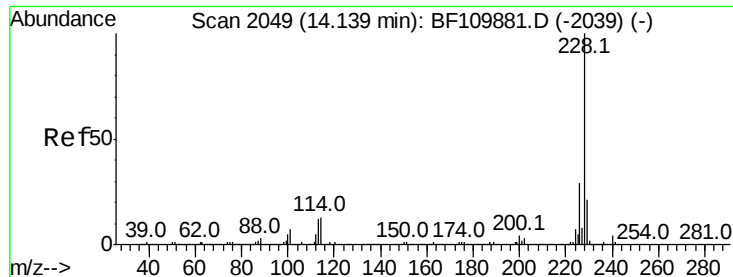
Ion Ratio Lower Upper

149 100

91 71.6 57.2 85.8

206 19.8 15.7 23.5





#81
Benzo(a)anthracene
Concen: 38.268 ng
RT: 14.15 min Scan# 2051
Delta R.T. -0.00 min
Lab File: BF109915.D
Acq: 17 Oct 2018 11:02

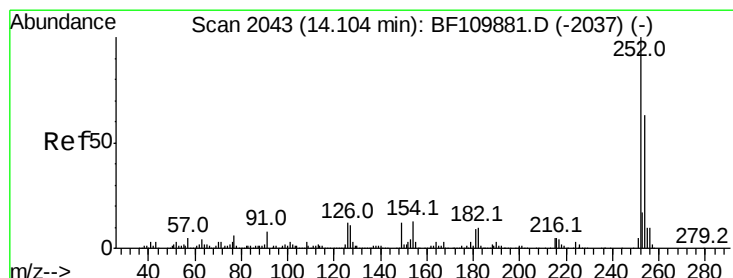
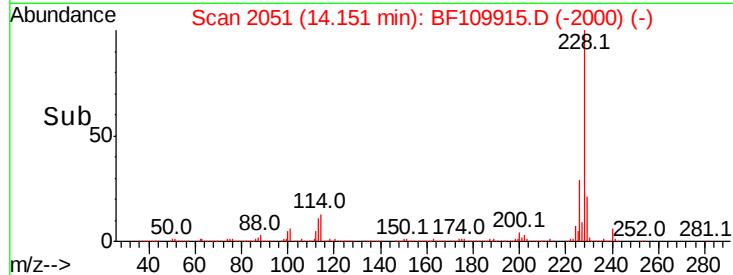
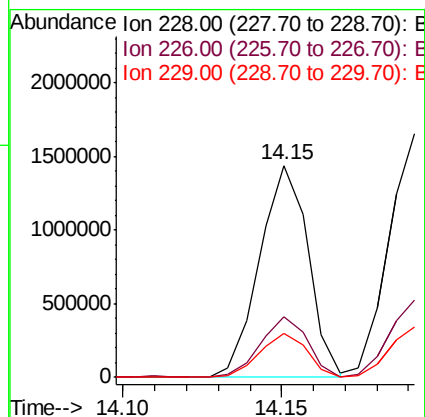
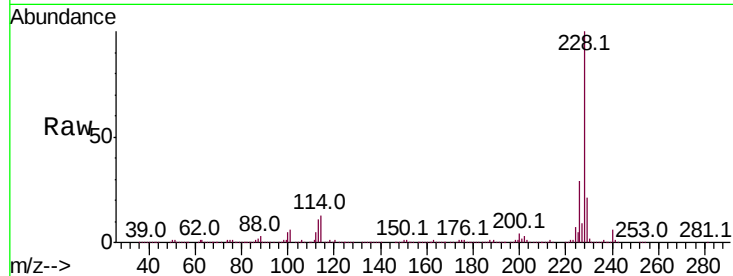
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
228	100		
226	28.7	22.1	33.1
229	20.6	15.6	23.4

Manual Integrations
APPROVED

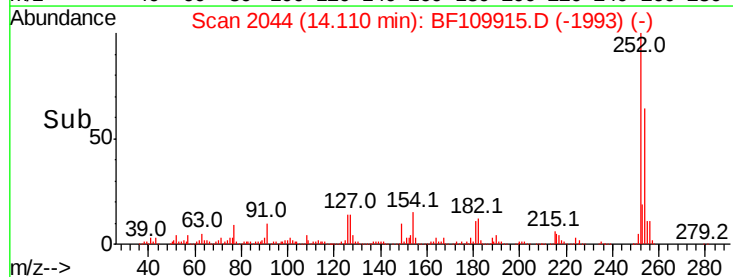
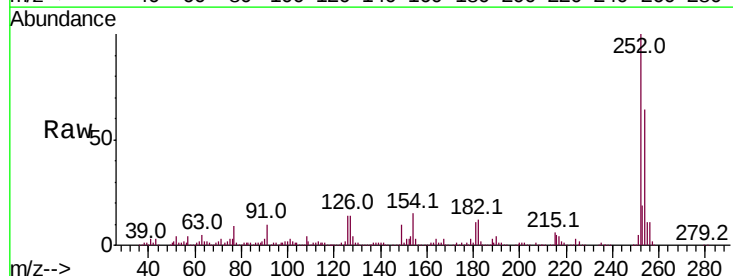
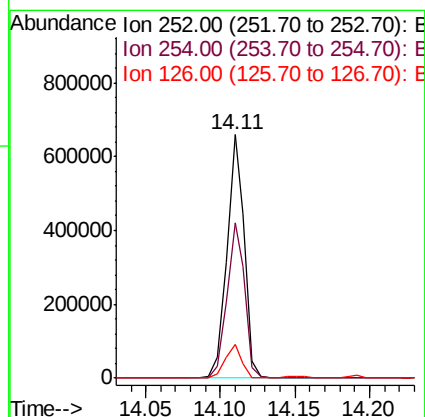
Sohil
10/18/2018 2:04:06 PM

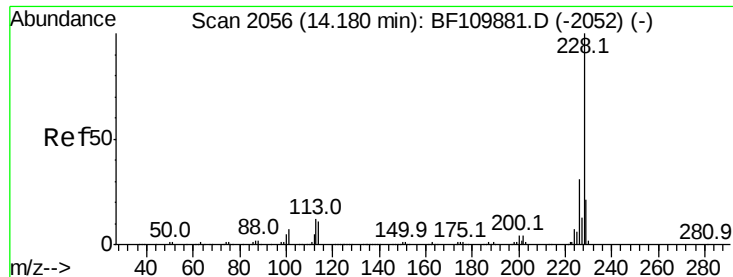
10/18/2018 2:04:06 PM



#82
3,3'-Dichlorobenzidine
Concen: 38.736 ng
RT: 14.11 min Scan# 2044
Delta R.T. -0.00 min
Lab File: BF109915.D
Acq: 17 Oct 2018 11:02

Tgt Ion	Ratio	Lower	Upper
252	100		
254	63.8	51.3	76.9
126	14.0	9.4	14.2





#83

Chrysene

Concen: 37.401 ng

RT: 14.19 min Scan# 2058

Delta R.T. -0.00 min

Lab File: BF109915.D

Acq: 17 Oct 2018 11:02

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:228 Resp: 1421243

Ion Ratio Lower Upper

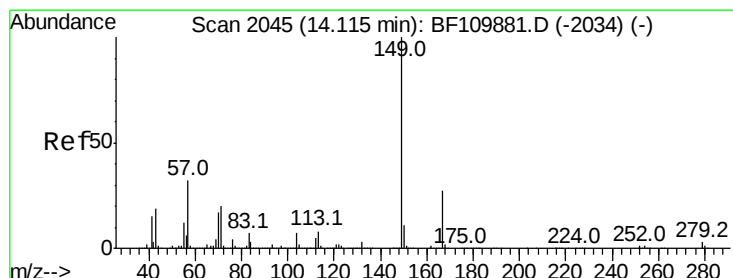
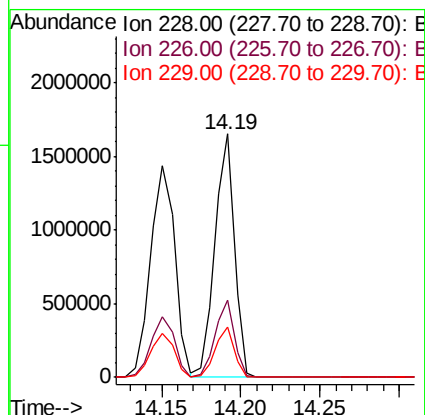
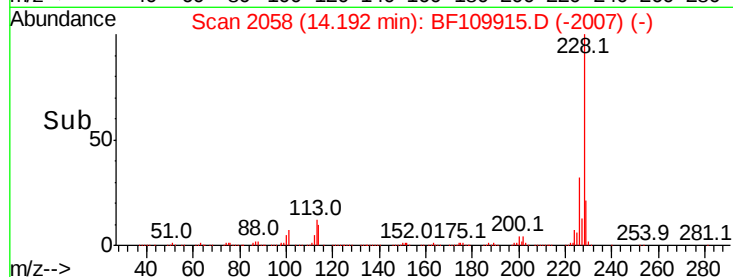
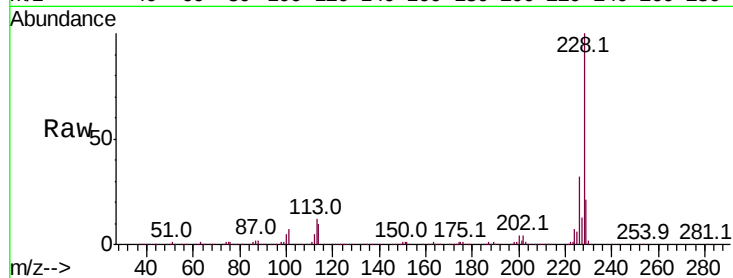
228 100

226 31.9 24.7 37.1

229 20.7 15.9 23.9

Manual Integrations
APPROVED

Sohil
10/18/2018 2:04:06 PM



#84

Bis(2-ethylhexyl)phthalate

Concen: 38.941 ng

RT: 14.12 min Scan# 2046

Delta R.T. -0.01 min

Lab File: BF109915.D

Acq: 17 Oct 2018 11:02

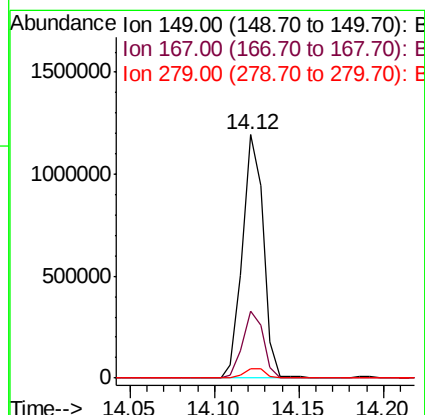
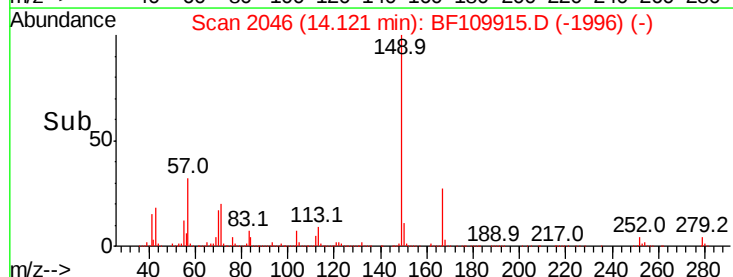
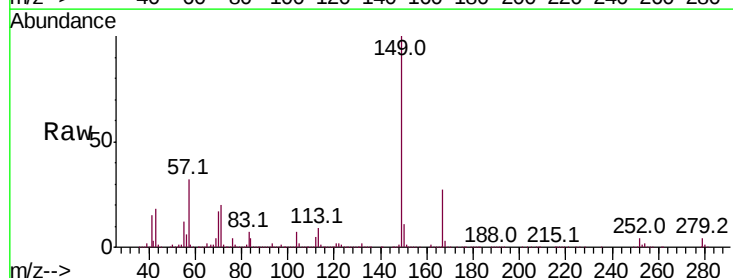
Tgt Ion:149 Resp: 1031238

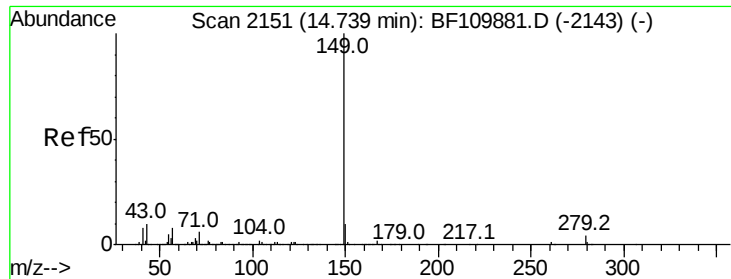
Ion Ratio Lower Upper

149 100

167 27.3 19.8 29.8

279 3.6 2.7 4.1





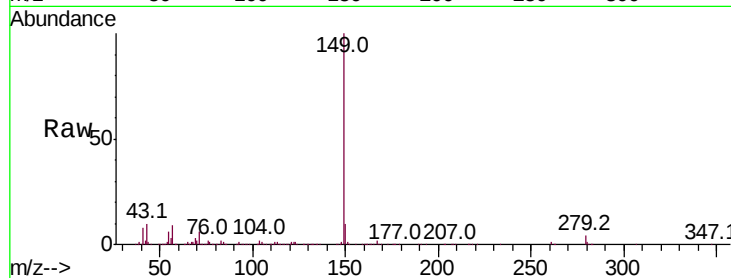
#85
Di-n-octyl phthalate
Concen: 40.394 ng
RT: 14.74 min Scan# 2152
Delta R.T. -0.00 min
Lab File: BF109915.D
Acq: 17 Oct 2018 11:02

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

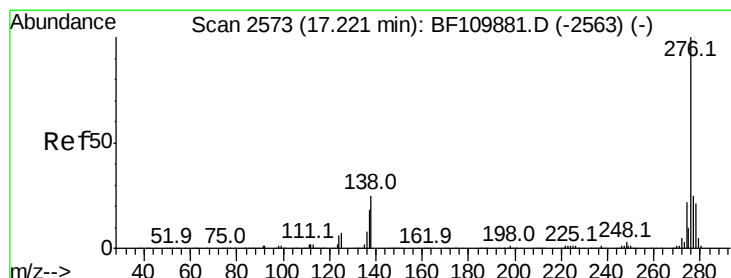
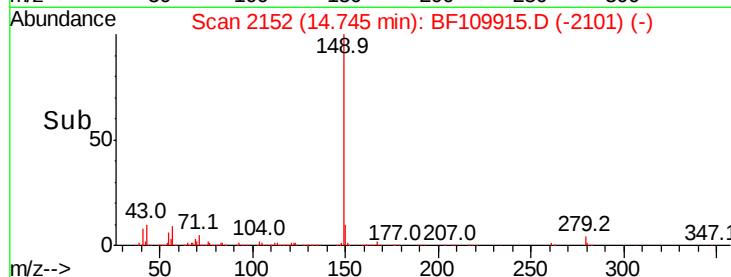
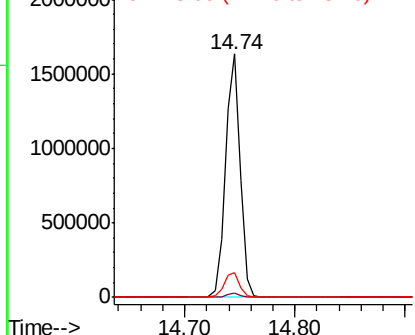
Tot Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.1	1.7
43	10.5	7.8	11.8

Manual Integrations
APPROVED

Sohil
10/18/2018 2:04:06 PM



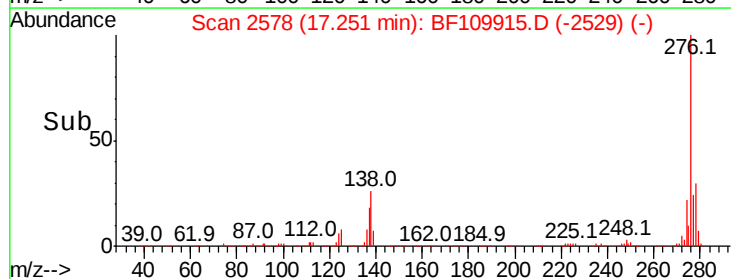
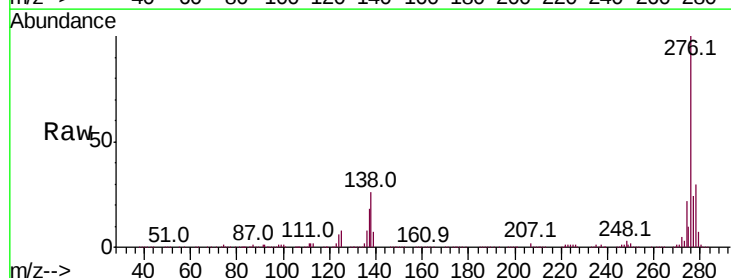
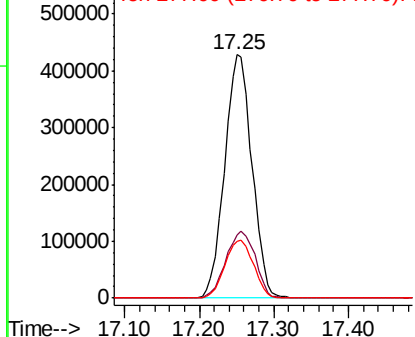
Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1

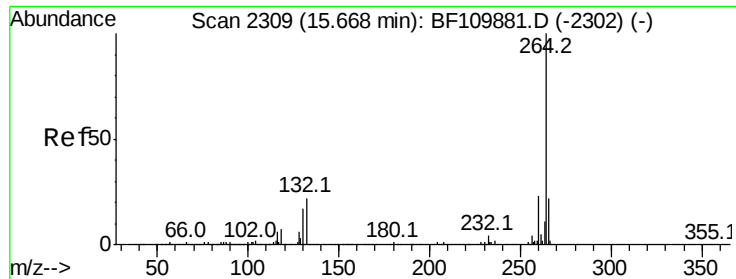


#86
Indeno(1,2,3-cd)pyrene
Concen: 35.601 ng
RT: 17.25 min Scan# 2578
Delta R.T. -0.01 min
Lab File: BF109915.D
Acq: 17 Oct 2018 11:02

Tgt Ion	Ratio	Lower	Upper
276	100		
138	29.7	18.5	27.7#
277	25.0	20.0	30.0

Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.69 min Scan# 2312

Delta R.T. -0.01 min

Lab File: BF109915.D

Acq: 17 Oct 2018 11:02

Instrument :

BNA_F

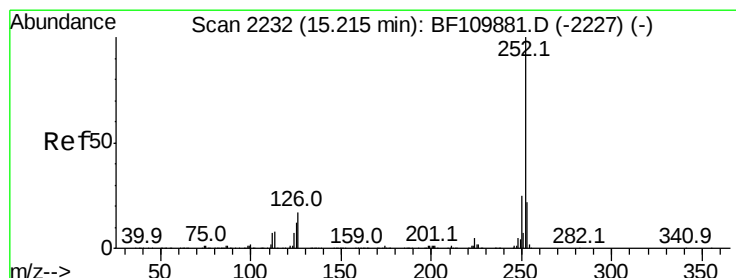
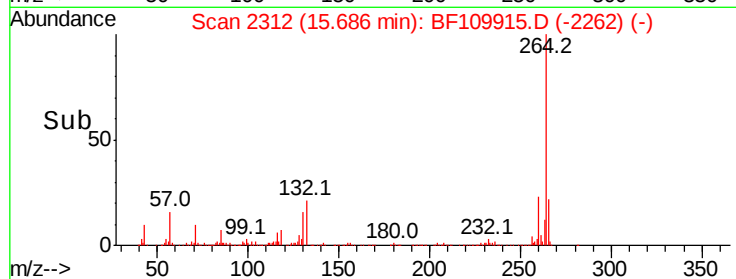
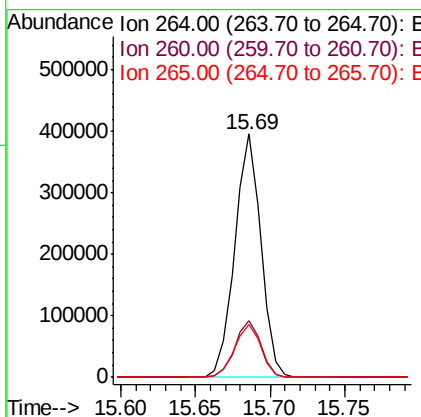
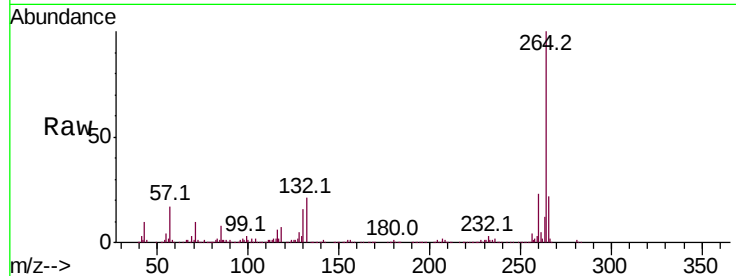
ClientSampleId :

SSTDCCC040

Tot Ion:	264	Resp:	484294
Ion Ratio	Lower	Upper	
264	100		
260	23.2	18.7	28.1
265	21.8	16.7	25.1

Manual Integrations
APPROVED

Sohil
10/18/2018 2:04:06 PM



#88

Benzo(b)fluoranthene

Concen: 40.009 ng

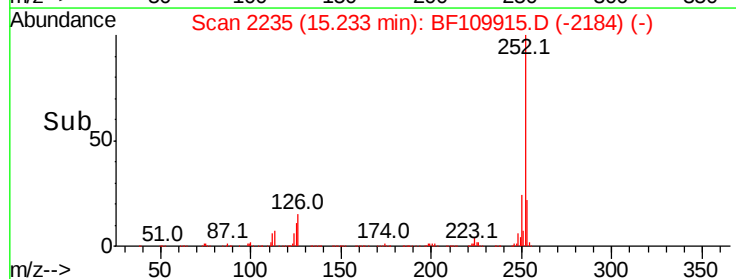
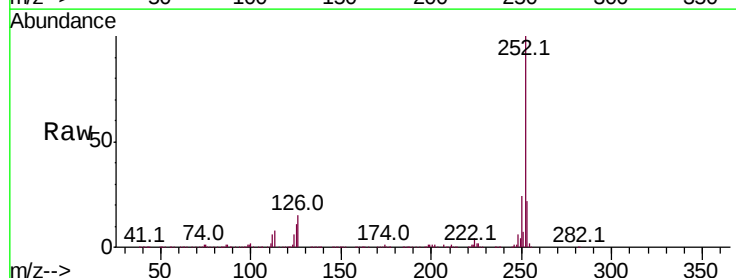
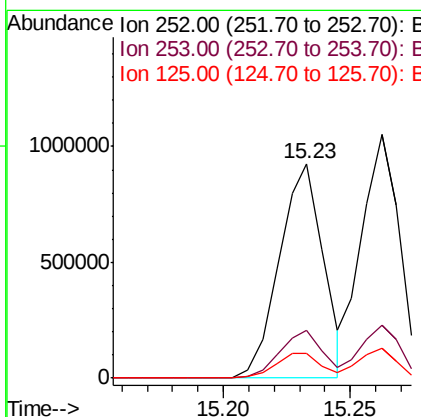
RT: 15.23 min Scan# 2235

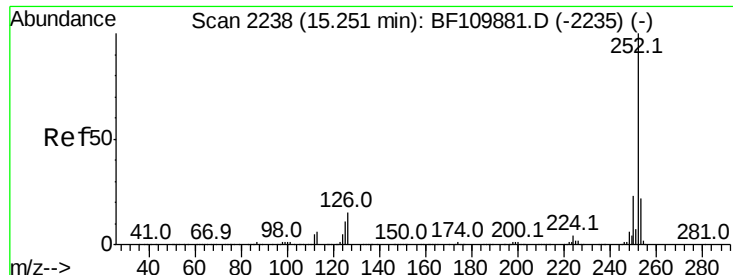
Delta R.T. -0.00 min

Lab File: BF109915.D

Acq: 17 Oct 2018 11:02

Tgt Ion:	252	Resp:	1117065
Ion Ratio	Lower	Upper	
252	100		
253	22.1	17.2	25.8
125	11.4	8.2	12.4





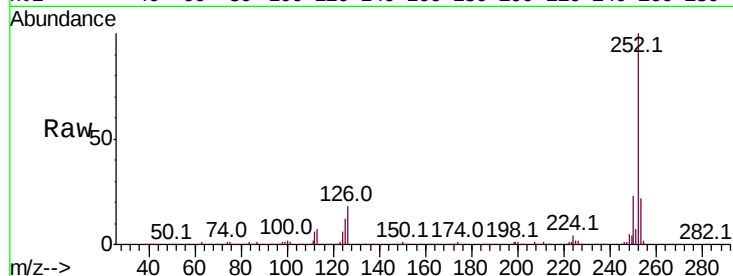
#89
Benzo(k)fluoranthene
Concen: 40.114 ng
RT: 15.26 min Scan# 2240
Delta R.T. -0.01 min
Lab File: BF109915.D
Acq: 17 Oct 2018 11:02

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

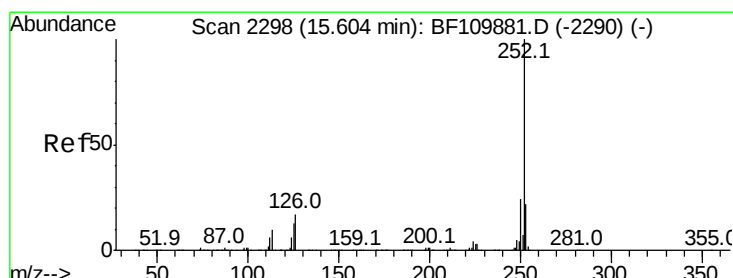
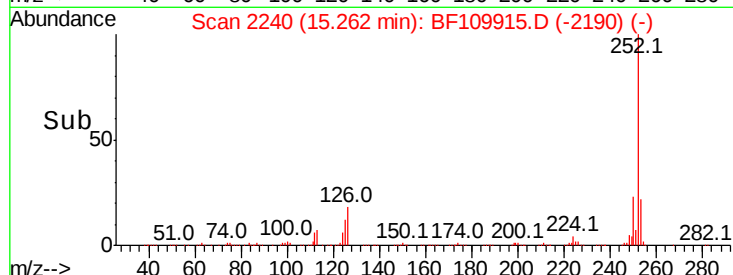
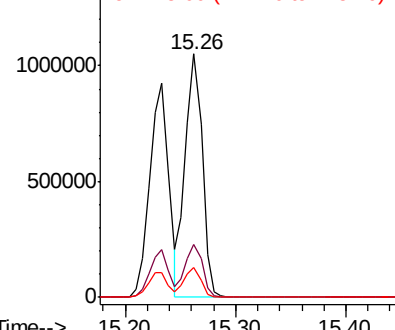
Tot Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.2	25.8
125	12.3	7.4	11.0

Manual Integrations
APPROVED

Sohil
10/18/2018 2:04:06 PM

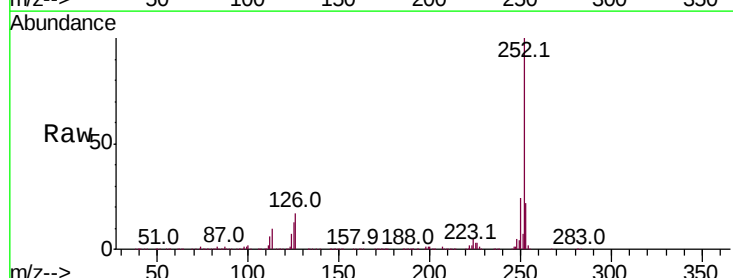


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

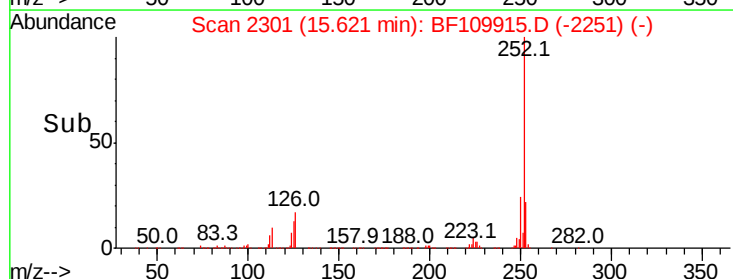
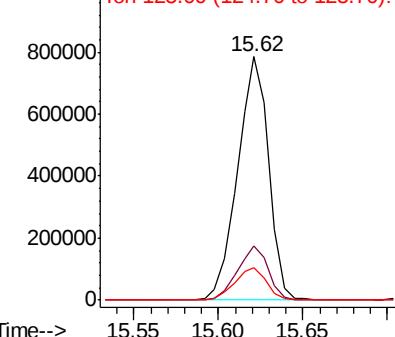


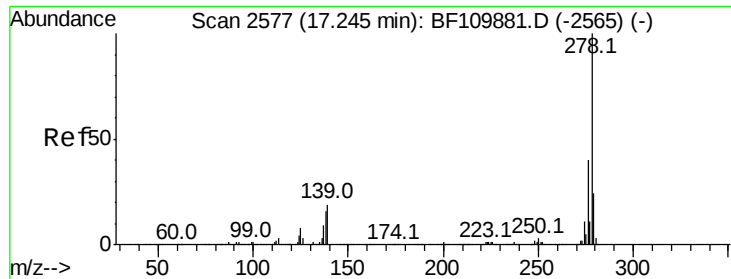
#90
Benzo(a)pyrene
Concen: 38.973 ng
RT: 15.62 min Scan# 2301
Delta R.T. -0.01 min
Lab File: BF109915.D
Acq: 17 Oct 2018 11:02

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.4	18.2	27.4
125	13.4	9.0	13.6



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





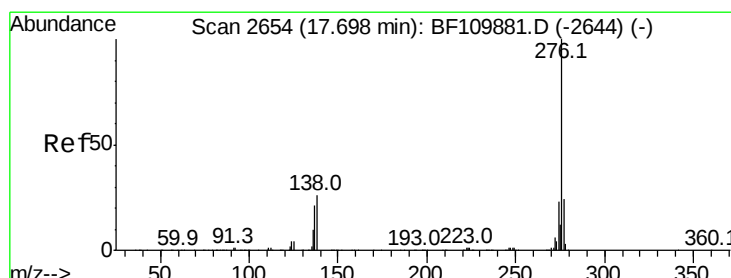
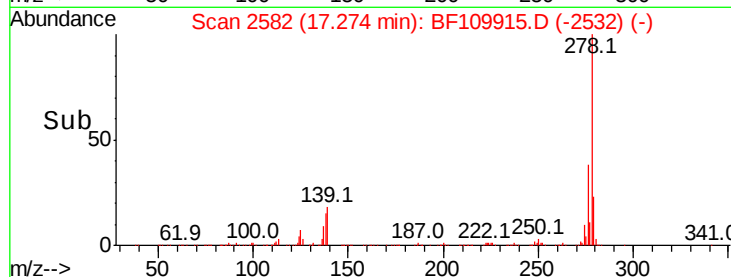
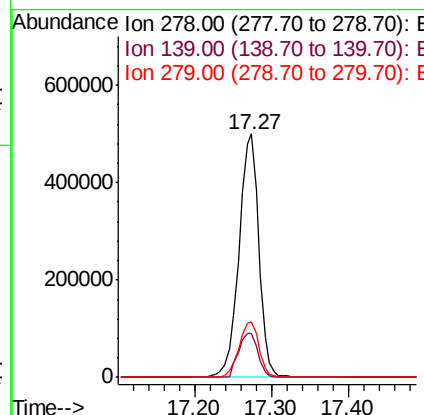
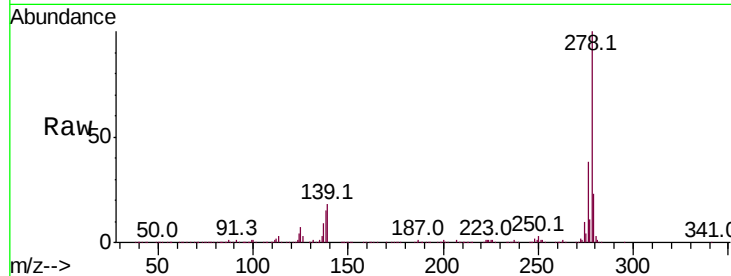
#91
Dibenzo(a,h)anthracene
Concen: 39.826 ng
RT: 17.27 min Scan# 2582
Delta R.T. -0.01 min
Lab File: BF109915.D
Acq: 17 Oct 2018 11:02

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
278	100		
139	17.9	12.7	19.1
279	22.9	19.0	28.4

Manual Integrations
APPROVED

Sohil
10/18/2018 2:04:06 PM



#92
Benzo(g,h,i)perylene
Concen: 40.056 ng
RT: 17.73 min Scan# 2660
Delta R.T. -0.01 min
Lab File: BF109915.D
Acq: 17 Oct 2018 11:02

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.1	18.8	28.2
138	25.2	16.0	24.0

