

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102618\
 Data File : BF110207.D
 Acq On : 26 Oct 2018 14:03
 Operator : JU/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

Sohil
 10/29/2018 11:56:37 AM

Quant Time: Oct 26 17:20:51 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF102318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 23 15:06:18 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	119110	20.00	ng	-0.01
21) Naphthalene-d8	8.25	136	499254	20.00	ng	-0.02
39) Acenaphthene-d10	10.02	164	241393	20.00	ng	-0.01
64) Phenanthrene-d10	11.50	188	454158	20.00	ng	-0.01
76) Chrysene-d12	14.16	240	346900	20.00	ng	0.00
87) Perylene-d12	15.68	264	258474	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.59	112	576161	78.77	ng	-0.01
7) Phenol-d6	6.59	99	736487	78.72	ng	-0.01
23) Nitrobenzene-d5	7.53	82	679912	80.78	ng	-0.02
42) 2,4,6-Tribromophenol	10.81	330	191759	80.20	ng	0.00
45) 2-Fluorobiphenyl	9.33	172	1235407	80.36	ng	-0.01
79) Terphenyl-d14	13.09	244	1312164	78.67	ng	-0.01

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.83	88	146331	38.185	ng	92
3) Pyridine	3.60	79	331657	38.857	ng	89
4) n-Nitrosodimethylamine	3.56	42	139785	39.090	ng	# 92
6) Aniline	6.63	93	481263	39.489	ng	# 53
8) 2-Chlorophenol	6.75	128	336589	39.915	ng	95
9) Benzaldehyde	6.52	77	207199	37.444	ng	96
10) Phenol	6.60	94	391660	39.164	ng	# 65
11) bis(2-Chloroethyl)ether	6.70	93	317712	38.616	ng	97
12) 1,3-Dichlorobenzene	6.91	146	367049	39.552	ng	98
13) 1,4-Dichlorobenzene	6.99	146	369447	39.363	ng	98
14) 1,2-Dichlorobenzene	7.14	146	345351	39.637	ng	99
15) Benzyl Alcohol	7.10	79	294101	40.873	ng	94
16) 2,2'-oxybis(1-Chloropropan	7.24	45	517644	39.350	ng	68
17) 2-Methylphenol	7.21	107	263154	39.156	ng	# 82
18) Hexachloroethane	7.48	117	137703	40.074	ng	95
19) n-Nitroso-di-n-propylamine	7.37	70	232647	38.762	ng	94
20) 3+4-Methylphenols	7.37	107	343263	39.514	ng	94
22) Acetophenone	7.38	105	455714	39.614	ng	98
24) Nitrobenzene	7.55	77	354093	40.746	ng	96
25) Isophorone	7.79	82	556618	38.794	ng	97
26) 2-Nitrophenol	7.87	139	178091	43.065	ng	92
27) 2,4-Dimethylphenol	7.89	122	271006	39.527	ng	99
28) bis(2-Chloroethoxy)methane	7.99	93	379661	38.951	ng	99
29) 2,4-Dichlorophenol	8.10	162	279238	40.313	ng	98
30) 1,2,4-Trichlorobenzene	8.19	180	309162	39.847	ng	95
31) Naphthalene	8.27	128	913705	39.709	ng	99
32) Benzoic acid	8.02	122	213215m	40.236	ng	
33) 4-Chloroaniline	8.32	127	410426	39.632	ng	98
34) Hexachlorobutadiene	8.39	225	174034	40.398	ng	100
35) Caprolactam	8.70	113	96983	40.171	ng	# 88
36) 4-Chloro-3-methylphenol	8.80	107	296595	39.597	ng	94
37) 2-Methylnaphthalene	8.97	142	607382	39.896	ng	98
38) 1-Methylnaphthalene	9.07	142	575619	39.125	ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.13	216	295139	39.240	ng	99

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102618\
 Data File : BF110207.D
 Acq On : 26 Oct 2018 14:03
 Operator : JU/SJ
 Sample : SSTDC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleID :
 SSTDC040

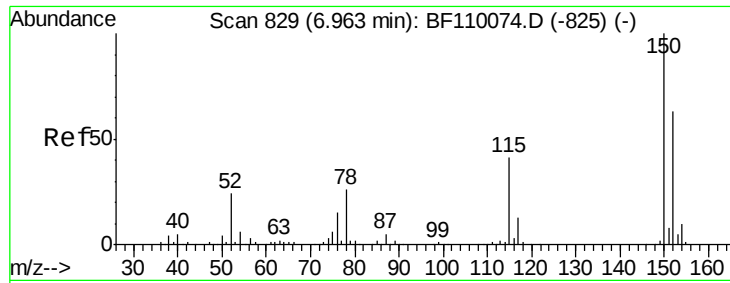
Manual Integrations
 APPROVED

Sohil
 10/29/2018 11:56:37 AM

Quant Time: Oct 26 17:20:51 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF102318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 23 15:06:18 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.12	237	147889	38.454	nq	98
43) 2,4,6-Trichlorophenol	9.24	196	194098	40.011	nq	96
44) 2,4,5-Trichlorophenol	9.28	196	203408	39.667	nq	95
46) 1,1'-Biphenyl	9.43	154	856627	39.243	nq	99
47) 2-Chloronaphthalene	9.46	162	626672	39.137	nq	99
48) 2-Nitroaniline	9.55	65	200376	41.296	nq	98
49) Acenaphthylene	9.87	152	909291	39.317	nq	98
50) Dimethylphthalate	9.73	163	693406	38.914	nq	99
51) 2,6-Dinitrotoluene	9.79	165	160492	41.813	nq	97
52) Acenaphthene	10.05	154	604911	39.537	nq	97
53) 3-Nitroaniline	9.97	138	182787	40.046	nq	90
54) 2,4-Dinitrophenol	10.07	184	58916	41.349	nq	# 81
55) Dibenzofuran	10.22	168	839939	39.211	nq	96
56) 4-Nitrophenol	10.12	139	138117	40.884	nq	95
57) 2,4-Dinitrotoluene	10.20	165	209026	42.874	nq	90
58) Fluorene	10.56	166	622202	39.028	nq	100
59) 2,3,4,6-Tetrachlorophenol	10.33	232	164779	39.424	nq	94
60) Diethylphthalate	10.43	149	682721	39.250	nq	98
61) 4-Chlorophenyl-phenylether	10.55	204	329718	39.204	nq	99
62) 4-Nitroaniline	10.59	138	184226	40.580	nq	90
63) Azobenzene	10.71	77	679686	39.366	nq	97
65) 4,6-Dinitro-2-methylphenol	10.61	198	87827	42.328	nq	89
66) n-Nitrosodiphenylamine	10.67	169	584928	39.266	nq	96
67) 4-Bromophenyl-phenylether	11.05	248	198004	40.193	nq	96
68) Hexachlorobenzene	11.12	284	208183	39.829	nq	99
69) Atrazine	11.19	200	192086	40.804	nq	99
70) Pentachlorophenol	11.30	266	130495	42.815	nq	97
71) Phenanthrene	11.53	178	931908	39.216	nq	99
72) Anthracene	11.59	178	945170	39.681	nq	99
73) Carbazole	11.74	167	932033	40.076	nq	99
74) Di-n-butylphthalate	12.05	149	1075088	40.930	nq	99
75) Fluoranthene	12.72	202	967156	40.102	nq	99
77) Benzidine	12.84	184	466154	51.455	nq	97
78) Pyrene	12.96	202	993573	39.951	nq	99
80) Butylbenzylphthalate	13.56	149	447293	41.437	nq	99
81) Benzo(a)anthracene	14.14	228	815928	39.662	nq	99
82) 3,3'-Dichlorobenzidine	14.10	252	287616	40.150	nq	98
83) Chrysene	14.18	228	771406	39.480	nq	99
84) Bis(2-ethylhexyl)phthalate	14.11	149	575103	39.412	nq	97
85) Di-n-octyl phthalate	14.73	149	903003	39.798	nq	99
86) Indeno(1,2,3-cd)pyrene	17.25	276	521644	32.181	nq	97
88) Benzo(b)fluoranthene	15.23	252	608518	40.769	nq	100
89) Benzo(k)fluoranthene	15.26	252	607610m	41.408	nq	
90) Benzo(a)pyrene	15.62	252	545179	39.695	nq	97
91) Dibenzo(a,h)anthracene	17.26	278	432181	36.469	nq	98
92) Benzo(g,h,i)perylene	17.73	276	426303	36.505	nq	96

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



#1

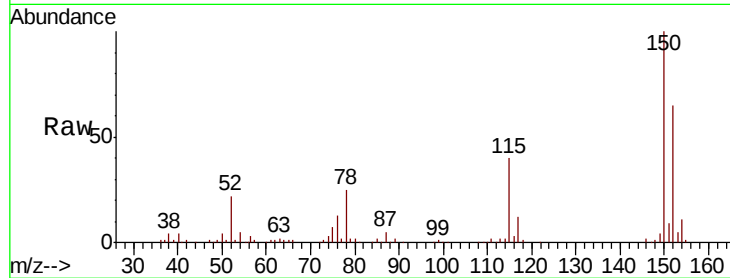
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 830
Delta R.T. -0.01 min
Lab File: BF110207.D
Acq: 26 Oct 2018 14:03

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.8	122.7	184.1
115	61.4	49.1	73.7

Manual Integrations
APPROVED

Sohil
10/29/2018 11:56:37 AM

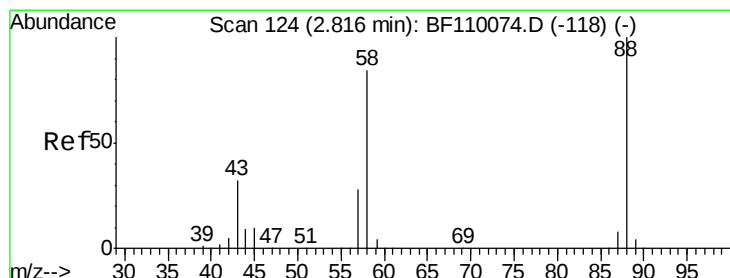
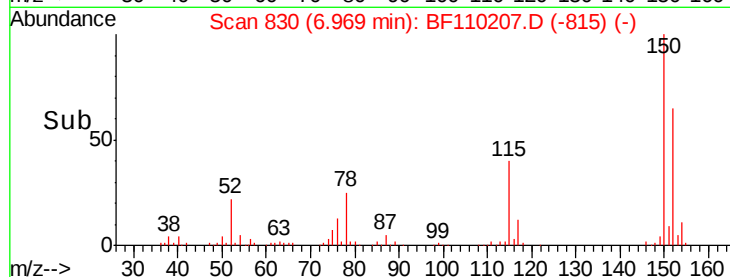
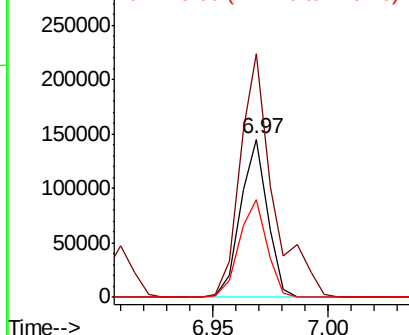


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 38.185 ng
RT: 2.83 min Scan# 126
Delta R.T. -0.02 min
Lab File: BF110207.D
Acq: 26 Oct 2018 14:03

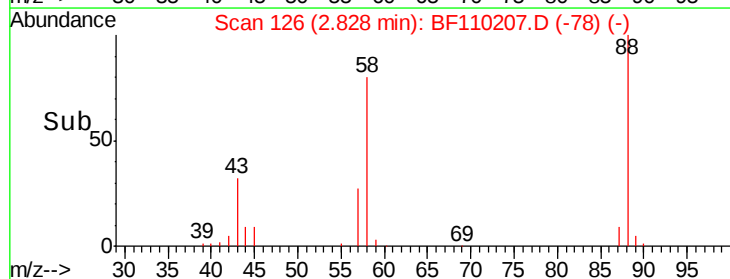
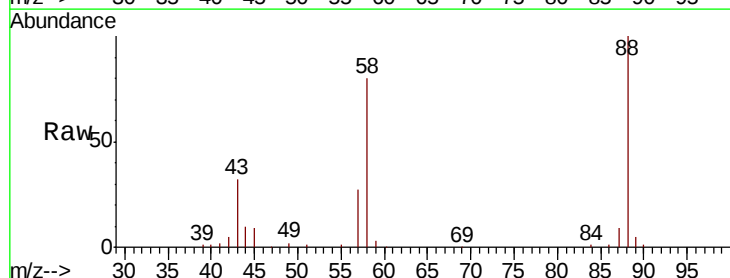
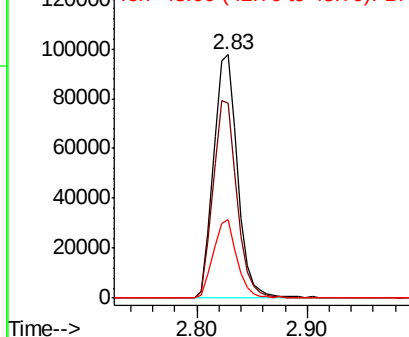
Tgt Ion	Ratio	Lower	Upper
88	100		
58	80.2	57.1	85.7
43	31.6	24.1	36.1

Abundance

Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 38.857 ng

RT: 3.60 min Scan# 258

Delta R.T. -0.01 min

Lab File: BF110207.D

Acq: 26 Oct 2018 14:03

Instrument :

BNA_F

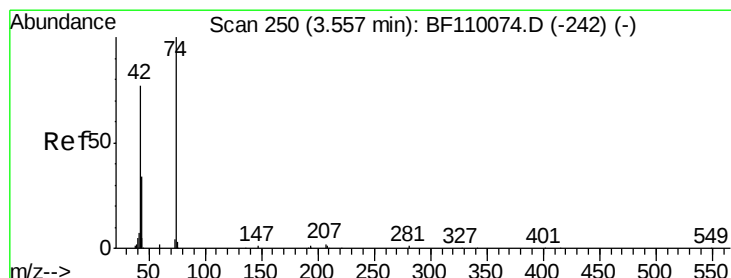
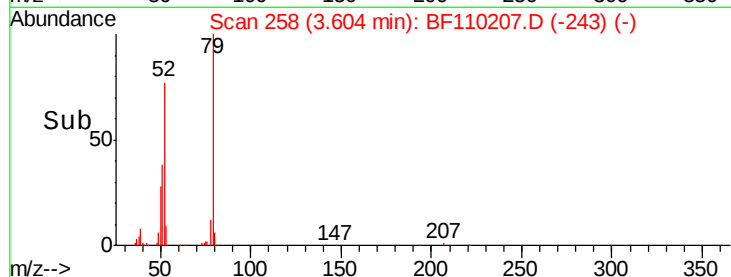
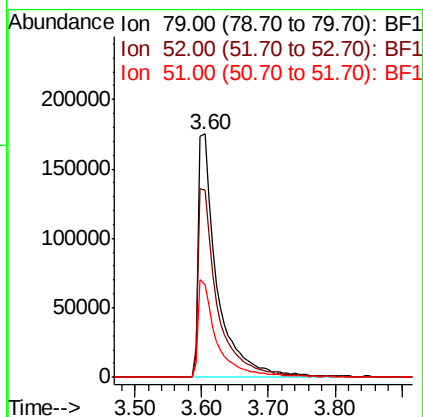
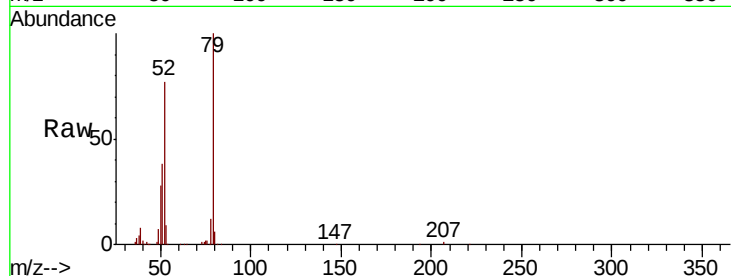
ClientSampleId :

SSTDCCC040

Tot Ion:	79	Resp:	331657
Ion Ratio	Lower	Upper	
79	100		
52	77.0	53.1	79.7
51	38.1	27.4	41.2

Manual Integrations
APPROVED

Sohil
10/29/2018 11:56:37 AM



#4

n-Nitrosodimethylamine

Concen: 39.090 ng

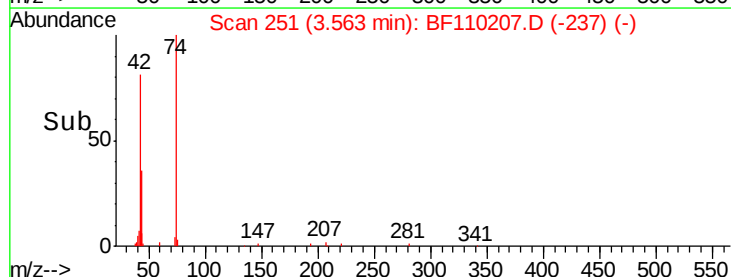
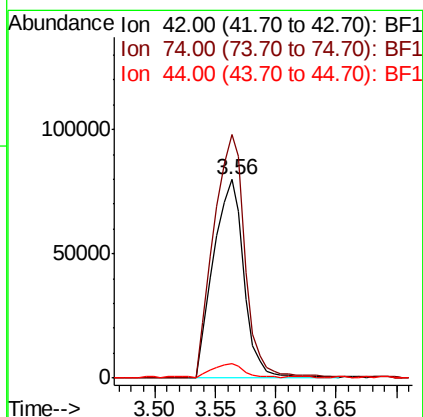
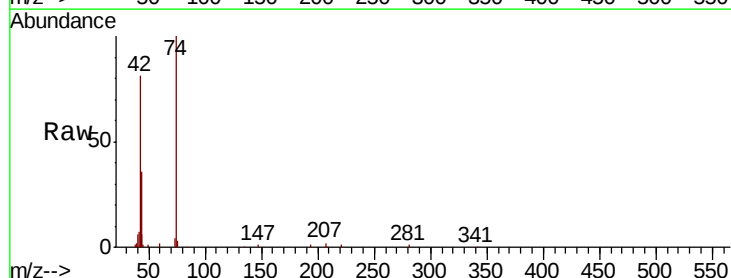
RT: 3.56 min Scan# 251

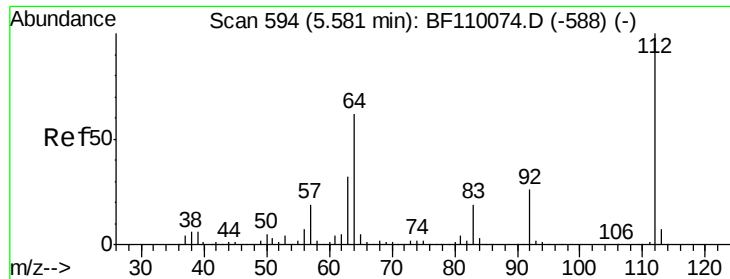
Delta R.T. -0.02 min

Lab File: BF110207.D

Acq: 26 Oct 2018 14:03

Tgt Ion:	42	Resp:	139785
Ion Ratio	Lower	Upper	
42	100		
74	122.8	105.5	158.3
44	7.6	4.9	7.3#





#5

2-Fluorophenol

Concen: 78.772 ng

RT: 5.59 min Scan# 595

Delta R.T. -0.01 min

Lab File: BF110207.D

Acq: 26 Oct 2018 14:03

Instrument :

BNA_F

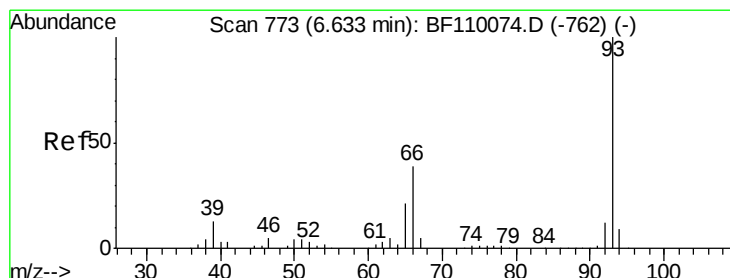
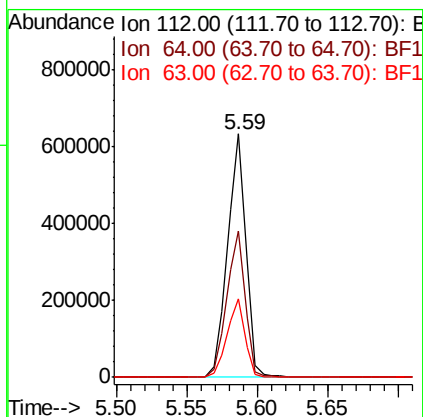
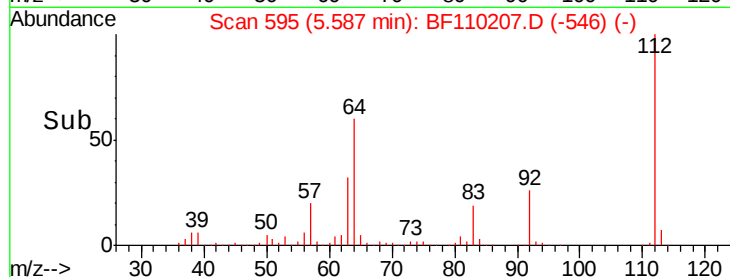
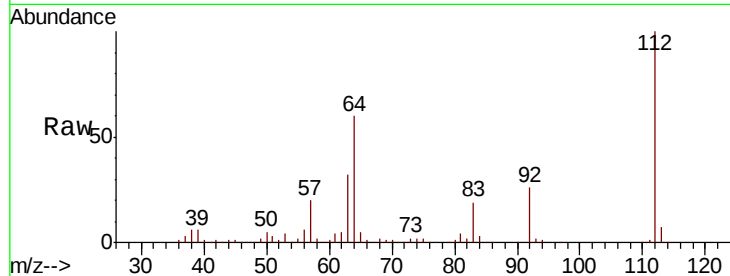
ClientSampleId :

SSTDCCC040

Tot Ion:	112	Resp:	576161
Ion Ratio	Lower	Upper	
112	100		
64	60.3	44.1	66.1
63	32.0	23.7	35.5

Manual Integrations
APPROVED

Sohil
10/29/2018 11:56:37 AM



#6

Aniline

Concen: 39.489 ng

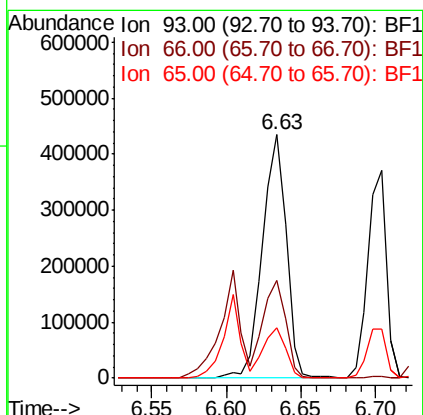
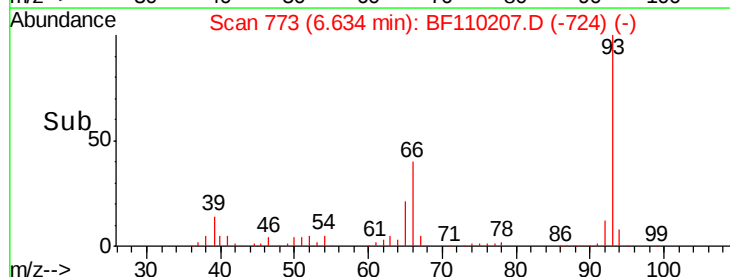
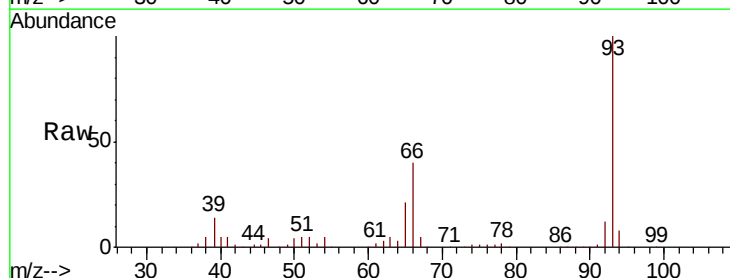
RT: 6.63 min Scan# 773

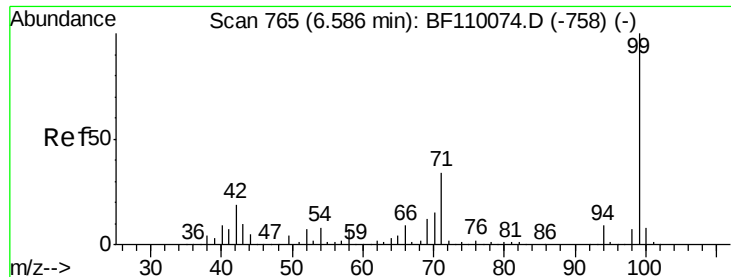
Delta R.T. -0.01 min

Lab File: BF110207.D

Acq: 26 Oct 2018 14:03

Tgt Ion:	93	Resp:	481263
Ion Ratio	Lower	Upper	
93	100		
66	40.2	67.4	101.0#
65	20.7	41.0	61.4#





#7

Phenol-d6

Concen: 78.722 ng

RT: 6.59 min Scan# 766

Delta R.T. -0.01 min

Lab File: BF110207.D

Acq: 26 Oct 2018 14:03

Instrument :

BNA_F

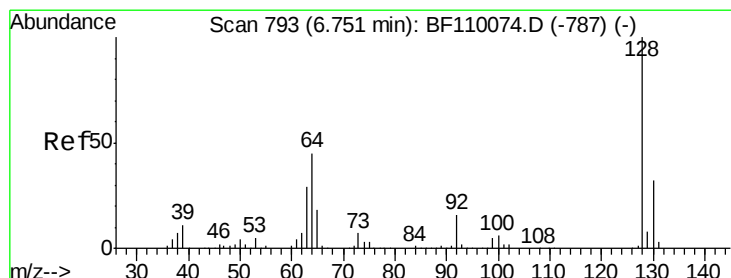
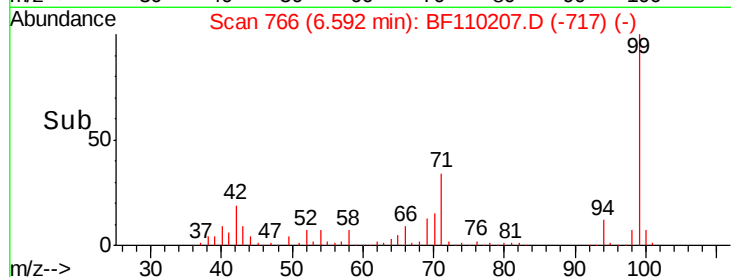
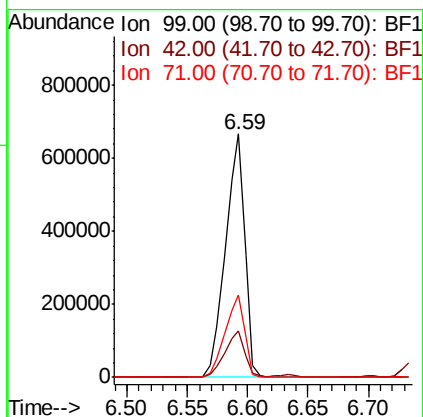
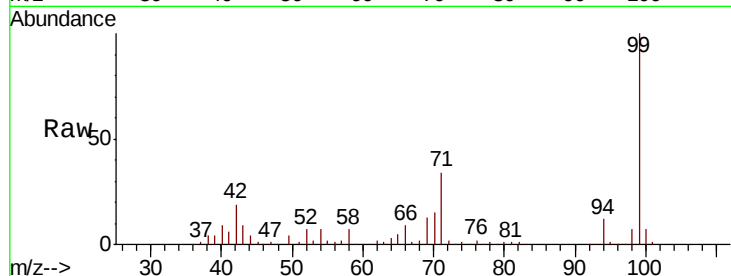
ClientSampleId :

SSTDCCC040

Tot Ion:	99	Resp:	736487
Ion Ratio	Lower	Upper	
99	100		
42	19.0	15.8	23.6
71	34.0	28.0	42.0

Manual Integrations
APPROVED

Sohil
10/29/2018 11:56:37 AM



#8

2-Chlorophenol

Concen: 39.915 ng

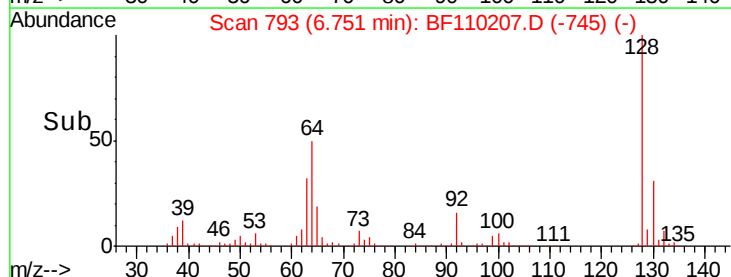
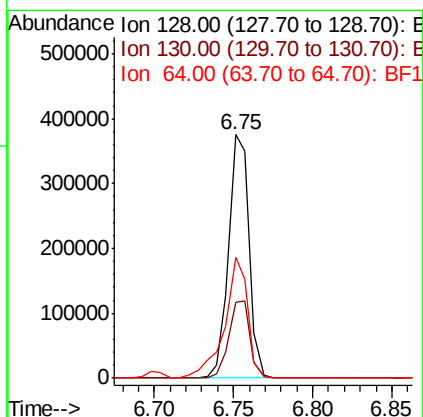
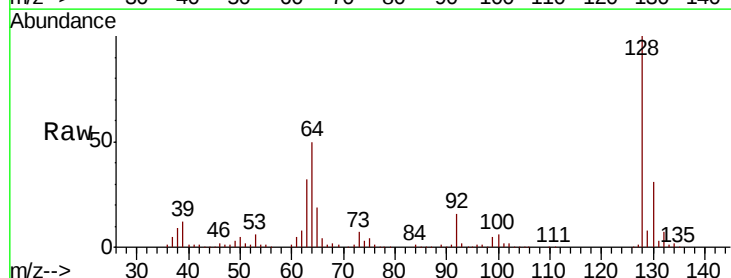
RT: 6.75 min Scan# 793

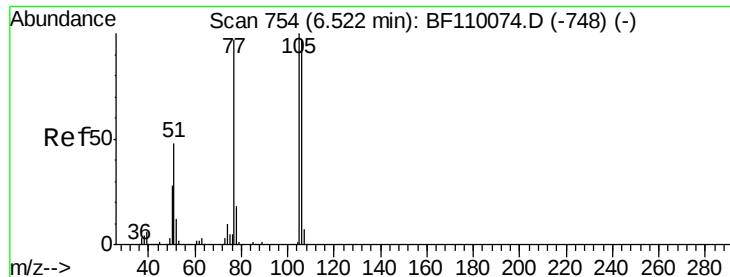
Delta R.T. -0.02 min

Lab File: BF110207.D

Acq: 26 Oct 2018 14:03

Tgt Ion:	128	Resp:	336589
Ion Ratio	Lower	Upper	
128	100		
130	31.4	13.1	53.1
64	49.7	26.0	66.0





#9

Benzaldehyde

Concen: 37.444 ng

RT: 6.52 min Scan# 754

Delta R.T. -0.01 min

Lab File: BF110207.D

Acq: 26 Oct 2018 14:03

Instrument :

BNA_F

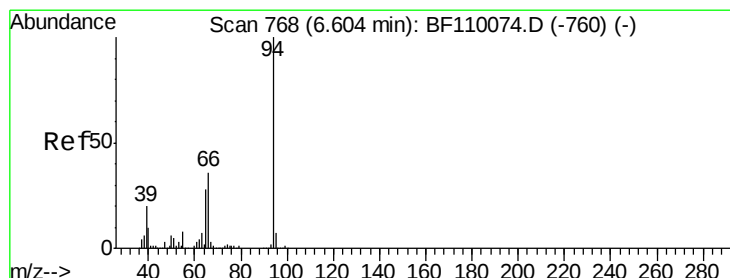
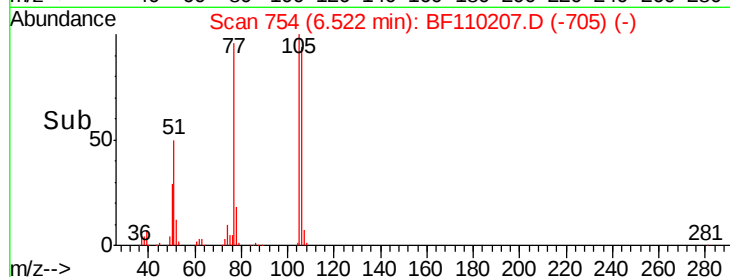
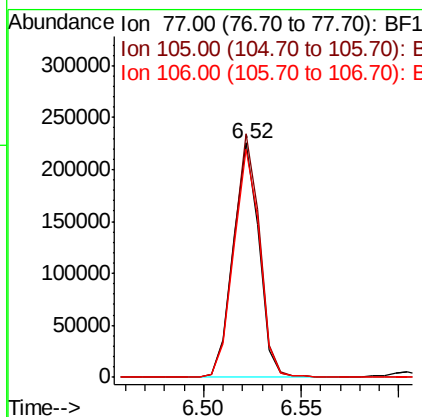
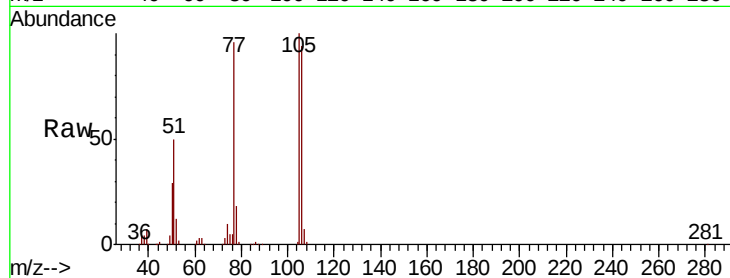
ClientSampleId :

SSTDCCC040

Tot Ion:	77	Resp:	207199
Ion	Ratio	Lower	Upper
77	100		
105	104.0	78.6	118.6
106	97.4	74.8	114.8

Manual Integrations
APPROVED

Sohil
10/29/2018 11:56:37 AM



#10

Phenol

Concen: 39.164 ng

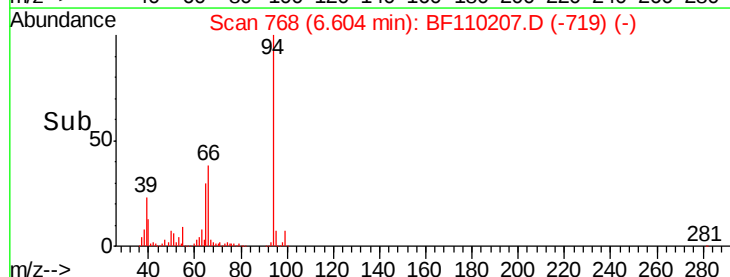
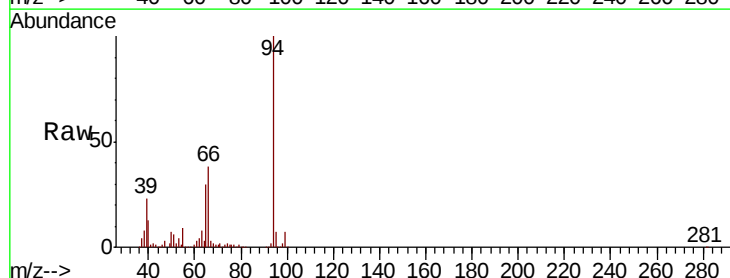
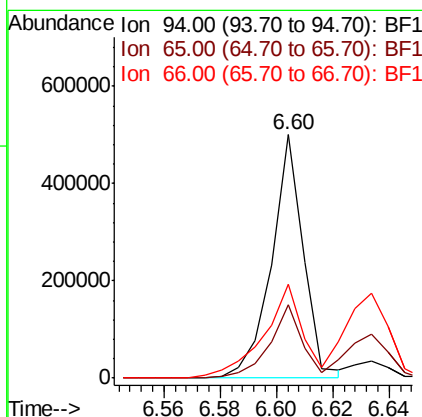
RT: 6.60 min Scan# 768

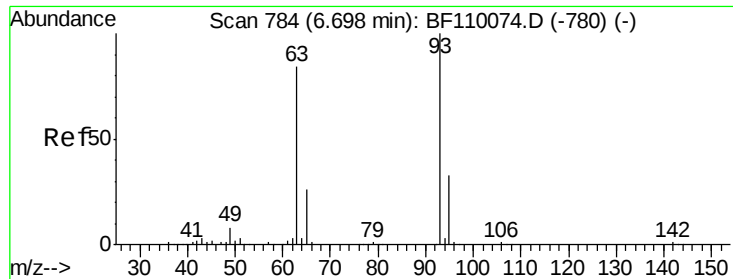
Delta R.T. -0.01 min

Lab File: BF110207.D

Acq: 26 Oct 2018 14:03

Tgt Ion:	94	Resp:	391660
Ion	Ratio	Lower	Upper
94	100		
65	29.9	25.3	65.3
66	38.4	54.5	94.5#





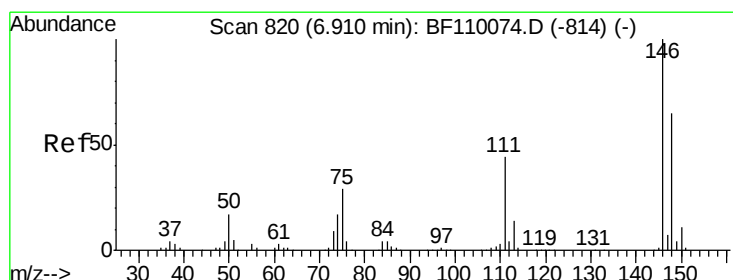
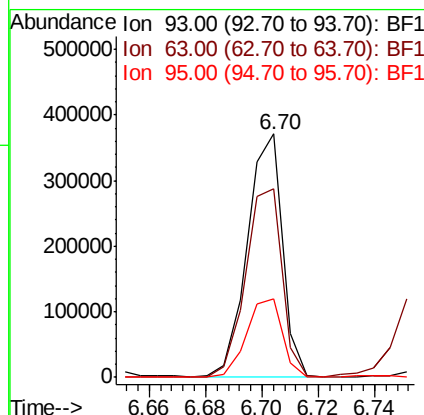
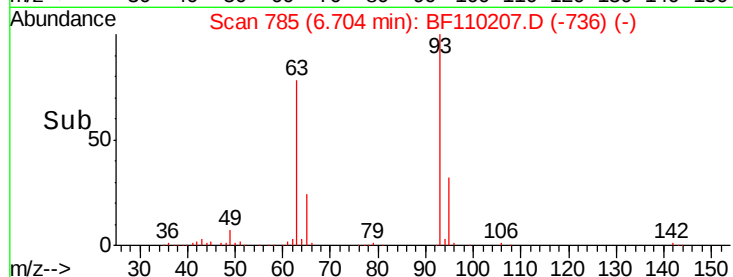
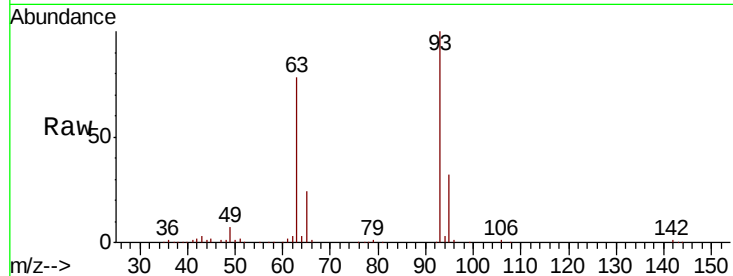
#11
bis(2-Chloroethyl)ether
Concen: 38.616 ng
RT: 6.70 min Scan# 785
Delta R.T. -0.01 min
Lab File: BF110207.D
Acq: 26 Oct 2018 14:03

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:	93	Resp:	317712
Ion	Ratio	Lower	Upper
93	100		
63	77.5	53.4	93.4
95	32.2	12.1	52.1

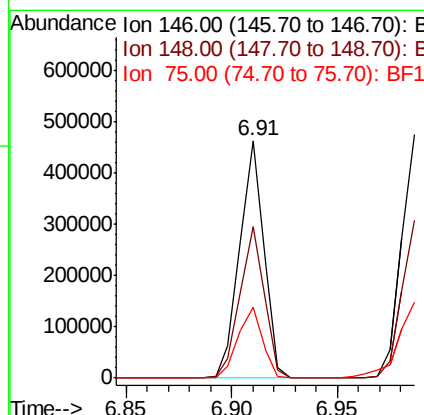
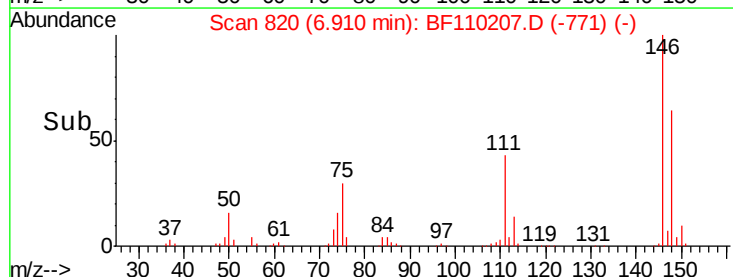
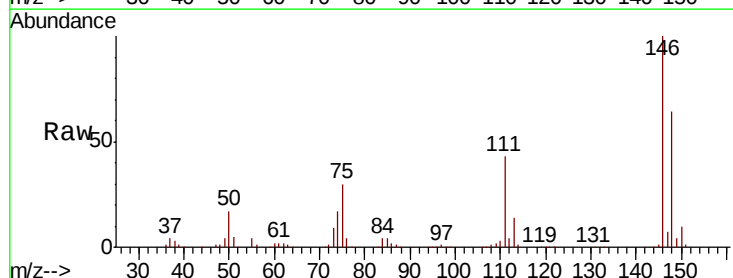
Manual Integrations
APPROVED

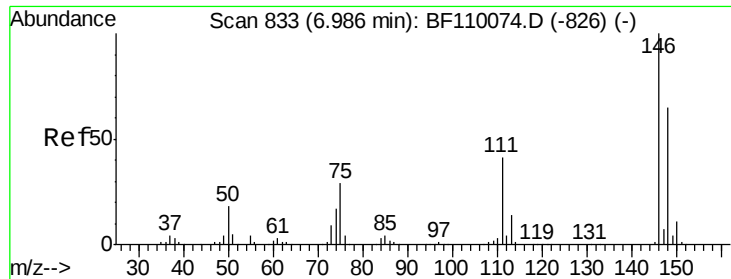
Sohil
10/29/2018 11:56:37 AM



#12
1,3-Dichlorobenzene
Concen: 39.552 ng
RT: 6.91 min Scan# 820
Delta R.T. -0.01 min
Lab File: BF110207.D
Acq: 26 Oct 2018 14:03

Tgt Ion:	146	Resp:	367049
Ion	Ratio	Lower	Upper
146	100		
148	64.0	50.4	75.6
75	29.8	25.8	38.6





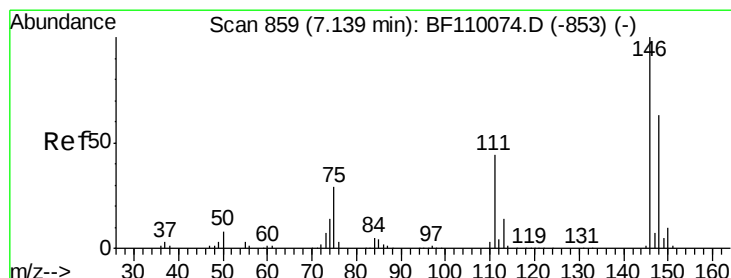
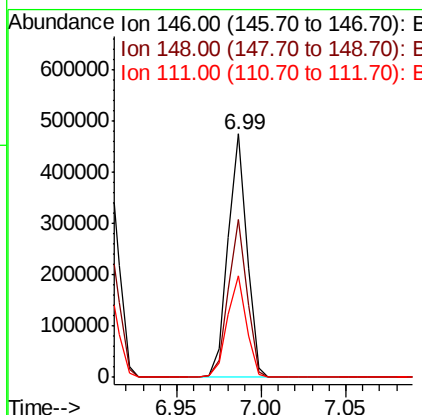
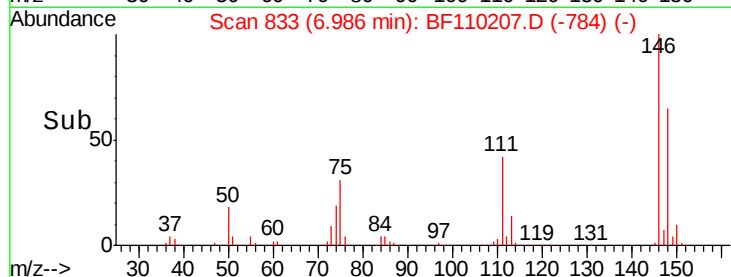
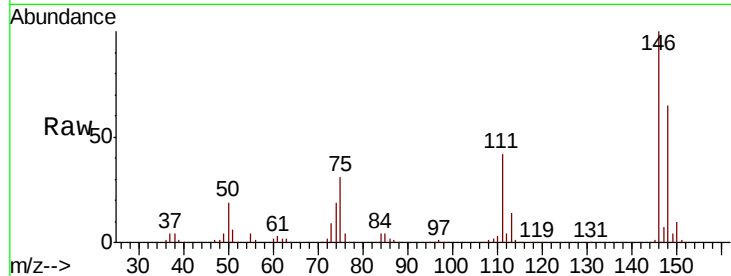
#13
 1,4-Dichlorobenzene
 Concen: 39.363 ng
 RT: 6.99 min Scan# 833
 Delta R.T. -0.01 min
 Lab File: BF110207.D
 Acq: 26 Oct 2018 14:03

Instrument :
 BNA_F
 ClientSampleId :
 SSTDC0040

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.9	50.3	75.5
111	41.9	32.7	49.1

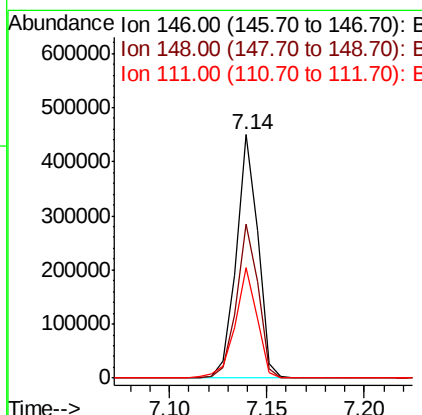
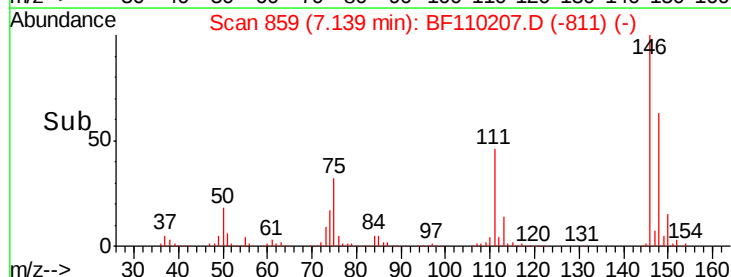
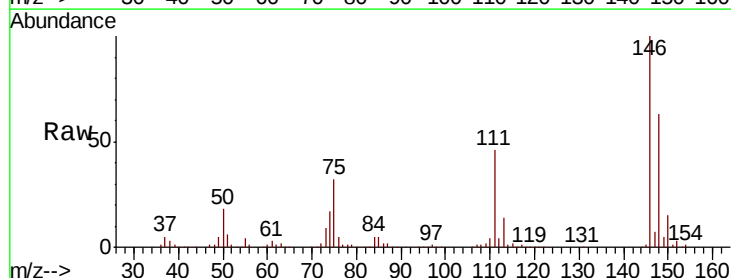
Manual Integrations
 APPROVED

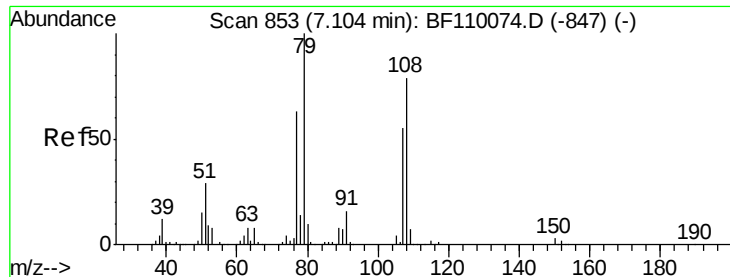
Sohil
 10/29/2018 11:56:37 AM



#14
 1,2-Dichlorobenzene
 Concen: 39.637 ng
 RT: 7.14 min Scan# 859
 Delta R.T. -0.02 min
 Lab File: BF110207.D
 Acq: 26 Oct 2018 14:03

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.4	51.1	76.7
111	45.6	35.8	53.6





#15

Benzyl Alcohol

Concen: 40.873 ng

RT: 7.10 min Scan# 853

Delta R.T. -0.02 min

Lab File: BF110207.D

Acq: 26 Oct 2018 14:03

Instrument :

BNA_F

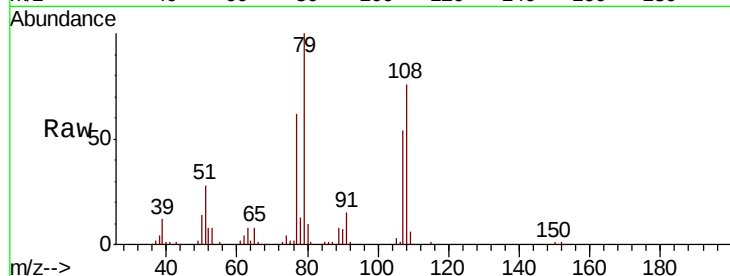
ClientSampleId :

SSTDCCC040

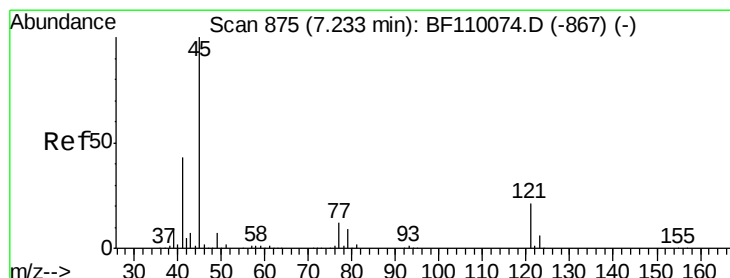
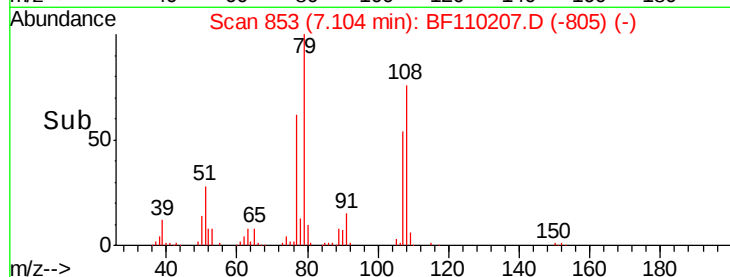
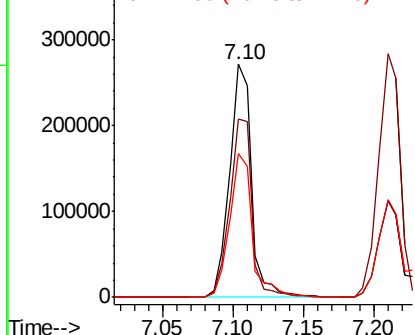
Tot Ion:	79	Resp:	294101
Ion Ratio	Lower	Upper	
79	100		
108	76.3	56.3	84.5
77	61.5	52.9	79.3

Manual Integrations
APPROVED

Sohil
10/29/2018 11:56:37 AM



Abundance Ion 79.00 (78.70 to 79.70): BF1
Ion 108.00 (107.70 to 108.70): BF1
Ion 77.00 (76.70 to 77.70): BF1



#16

2,2'-oxybis(1-chloropropane)

Concen: 39.350 ng

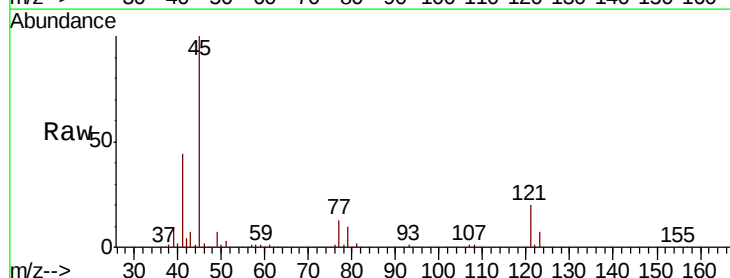
RT: 7.24 min Scan# 876

Delta R.T. -0.01 min

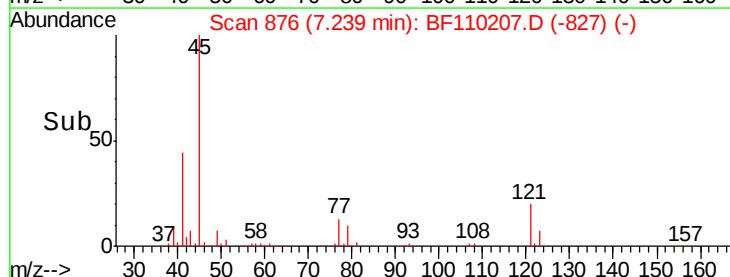
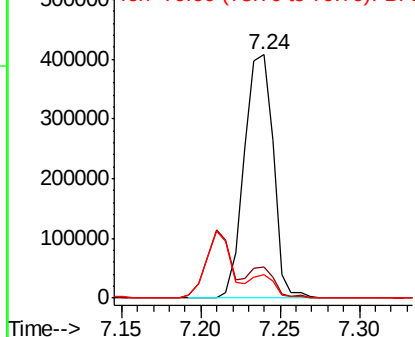
Lab File: BF110207.D

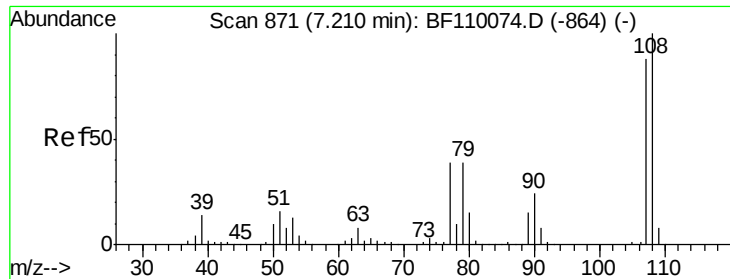
Acq: 26 Oct 2018 14:03

Tgt Ion:	45	Resp:	517644
Ion Ratio	Lower	Upper	
45	100		
77	12.7	10.0	50.0
79	9.9	6.1	46.1



Abundance Ion 45.00 (44.70 to 45.70): BF1
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1





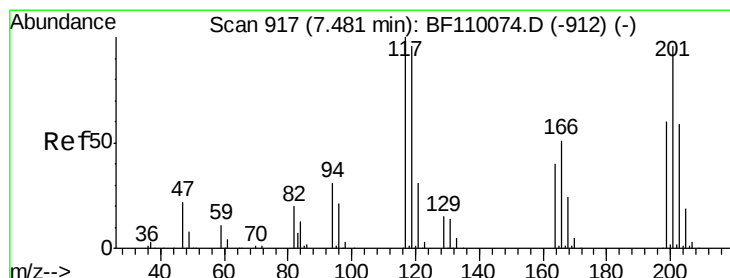
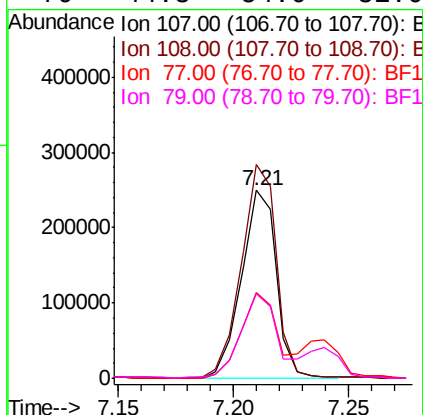
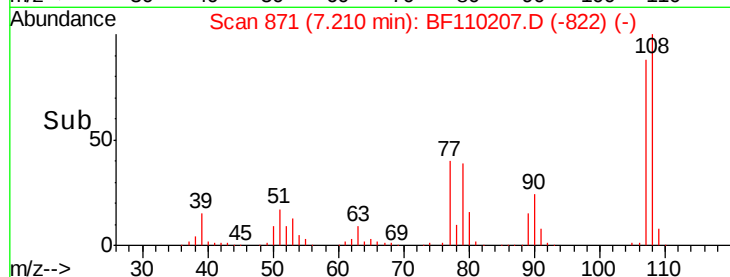
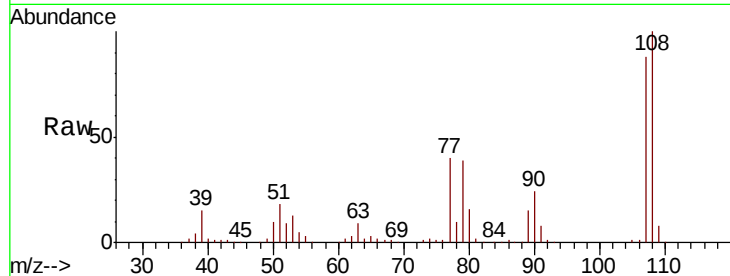
#17
2-Methylphenol
Concen: 39.156 ng
RT: 7.21 min Scan# 871
Delta R.T. -0.01 min
Lab File: BF110207.D
Acq: 26 Oct 2018 14:03

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	113.8	92.6	138.8	
77	45.7	59.4	89.2#	
79	44.8	54.0	81.0#	

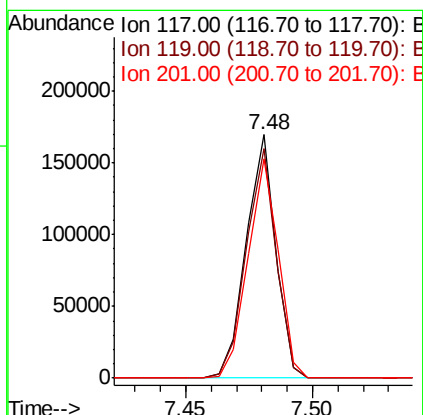
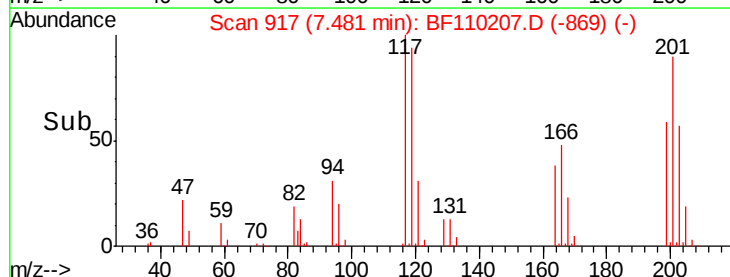
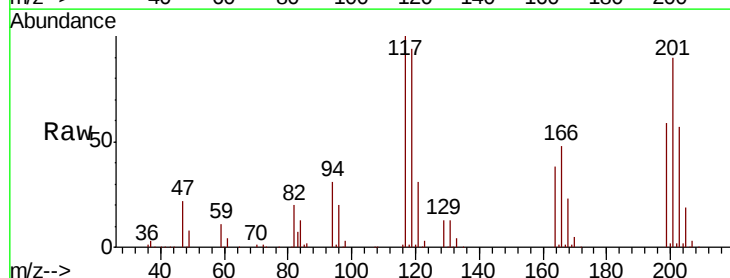
Manual Integrations
APPROVED

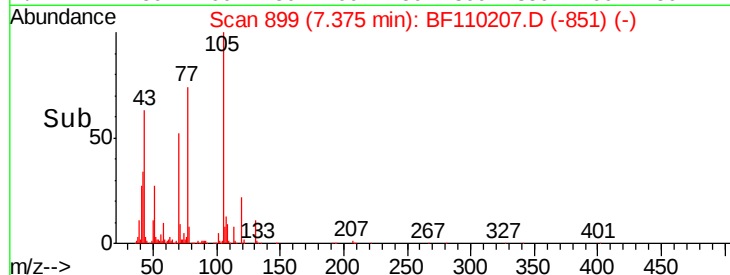
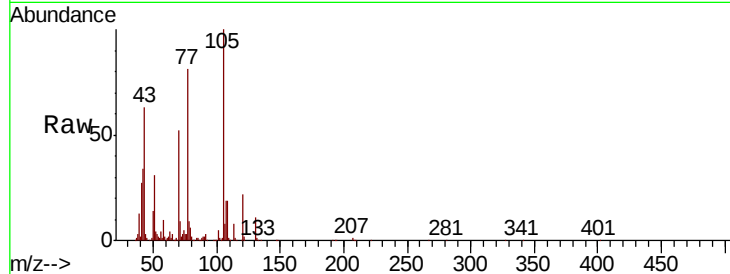
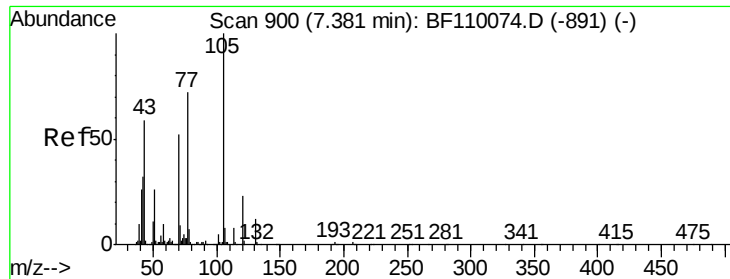
Sohil
10/29/2018 11:56:37 AM



#18
Hexachloroethane
Concen: 40.074 ng
RT: 7.48 min Scan# 917
Delta R.T. -0.02 min
Lab File: BF110207.D
Acq: 26 Oct 2018 14:03

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	94.1	75.0	112.6	
201	90.3	79.2	118.8	





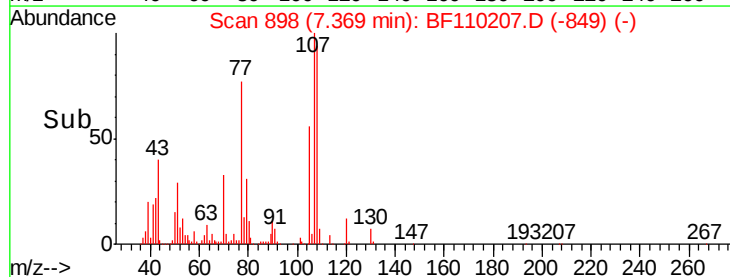
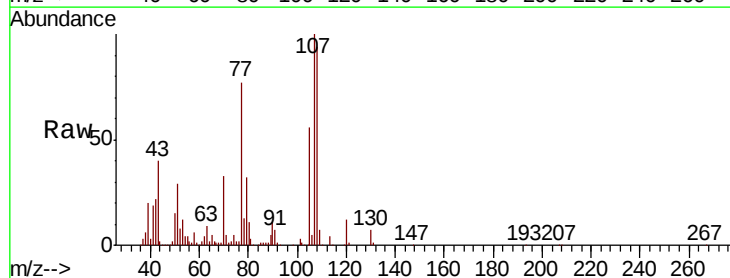
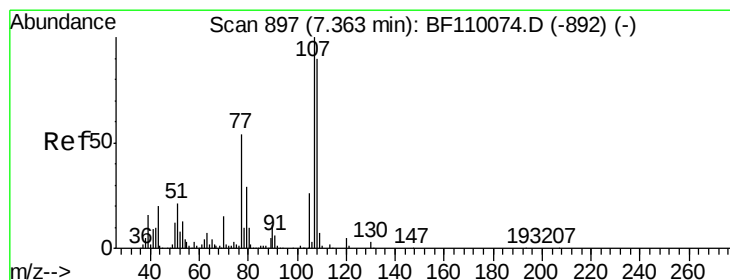
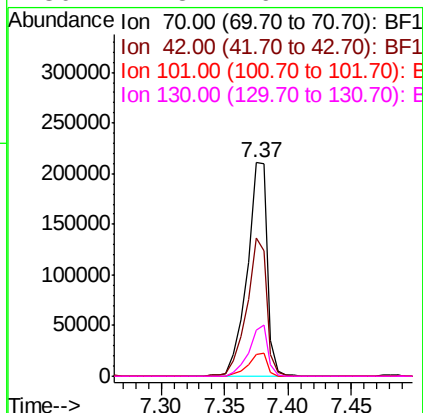
#19
n-Nitroso-di-n-propylamine
Concen: 38.762 ng
RT: 7.37 min Scan# 899
Delta R.T. -0.02 min
Lab File: BF110207.D
Acq: 26 Oct 2018 14:03

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
70	100		
42	64.8	47.4	71.2
101	9.9	7.3	10.9
130	21.8	16.2	24.2

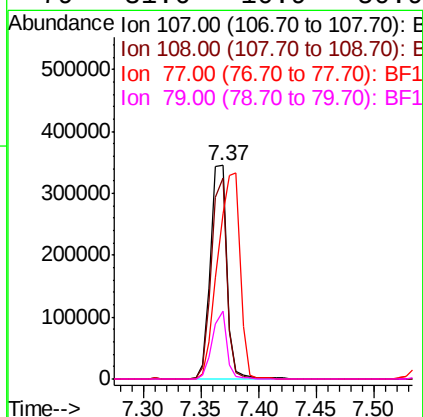
Manual Integrations
APPROVED

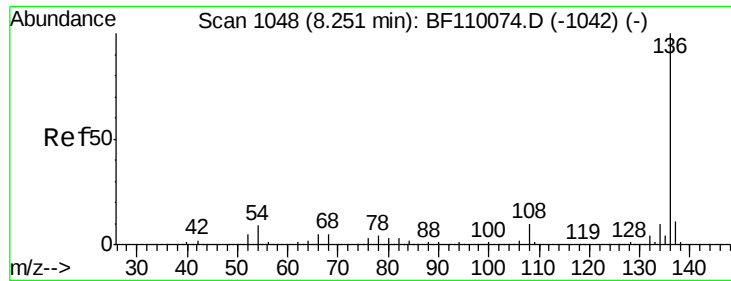
Sohil
10/29/2018 11:56:37 AM



#20
3+4-Methylphenols
Concen: 39.514 ng
RT: 7.37 min Scan# 898
Delta R.T. -0.01 min
Lab File: BF110207.D
Acq: 26 Oct 2018 14:03

Tgt Ion	Ratio	Lower	Upper
107	100		
108	93.9	71.4	111.4
77	77.1	47.3	87.3
79	31.6	10.9	50.9





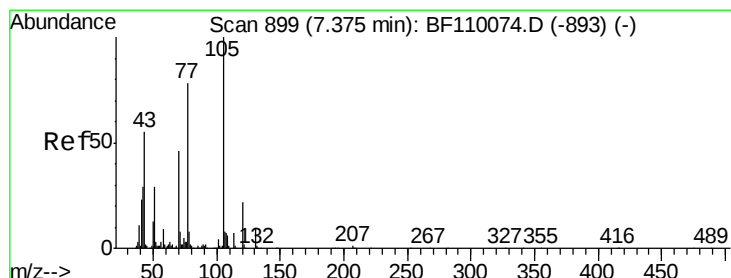
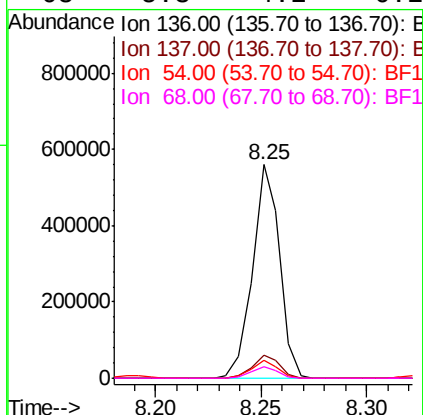
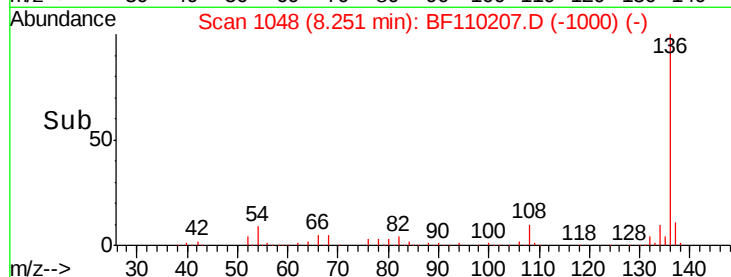
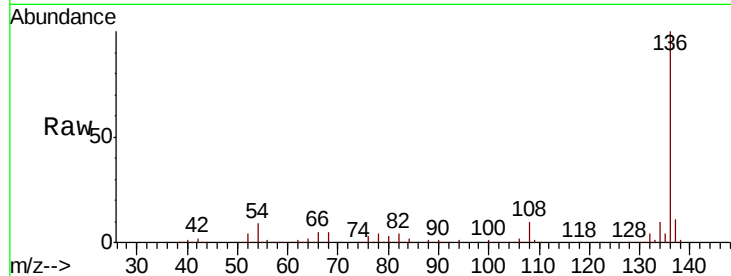
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.25 min Scan# 1048
Delta R.T. -0.02 min
Lab File: BF110207.D
Acq: 26 Oct 2018 14:03

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
136	100	499254		
137	11.1	8.8	13.2	
54	8.6	5.4	8.2#	
68	5.3	4.2	6.2	

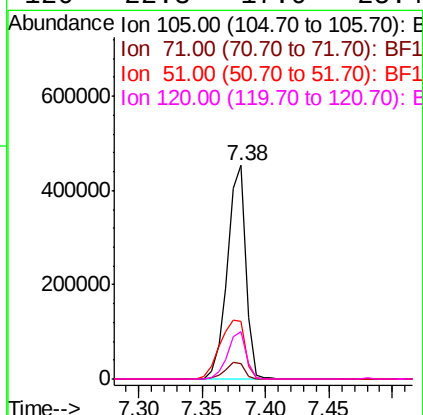
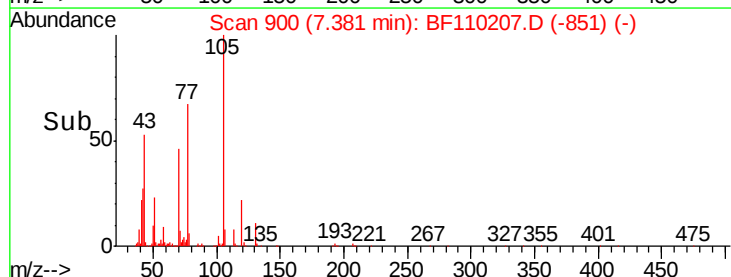
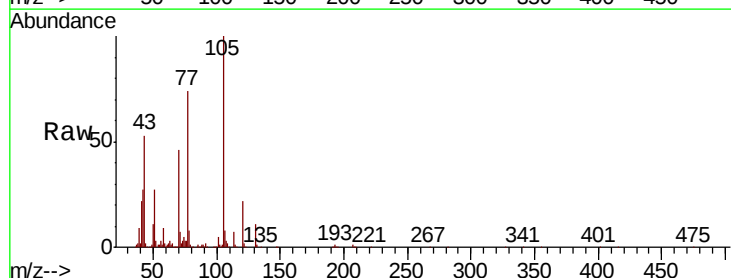
Manual Integrations
APPROVED

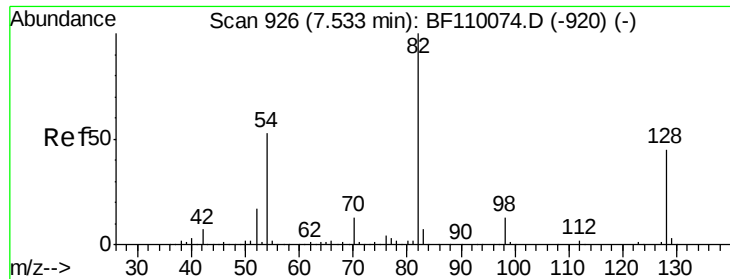
Sohil
10/29/2018 11:56:37 AM



#22
Acetophenone
Concen: 39.614 ng
RT: 7.38 min Scan# 900
Delta R.T. -0.01 min
Lab File: BF110207.D
Acq: 26 Oct 2018 14:03

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	455714		
71	7.3	5.2	7.8	
51	26.9	21.8	32.8	
120	22.3	17.0	25.4	





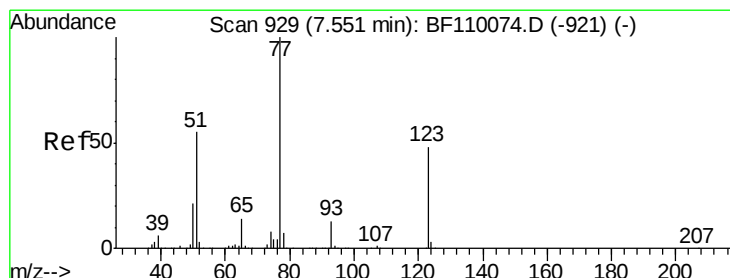
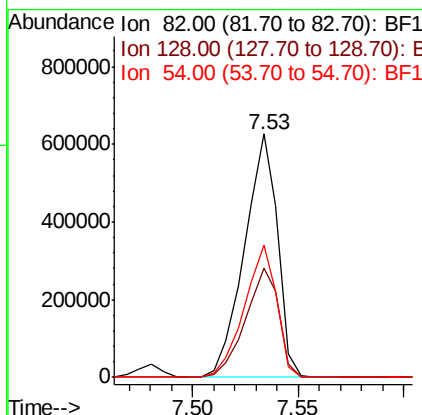
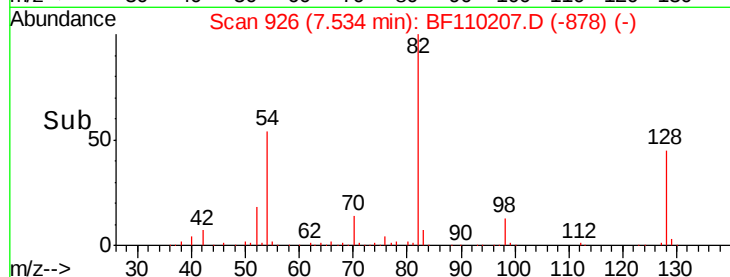
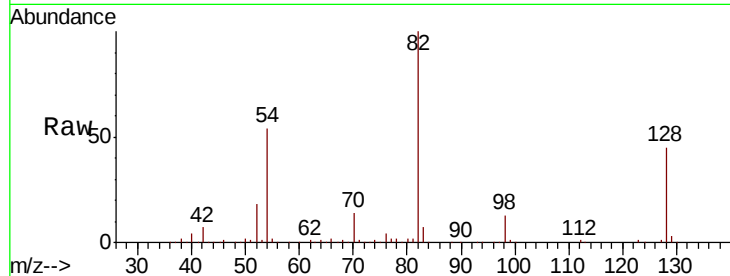
#23
Nitrobenzene-d5
Concen: 80.776 ng
RT: 7.53 min Scan# 926
Delta R.T. -0.02 min
Lab File: BF110207.D
Acq: 26 Oct 2018 14:03

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	45.1	34.2	51.2	
54	54.1	38.6	58.0	

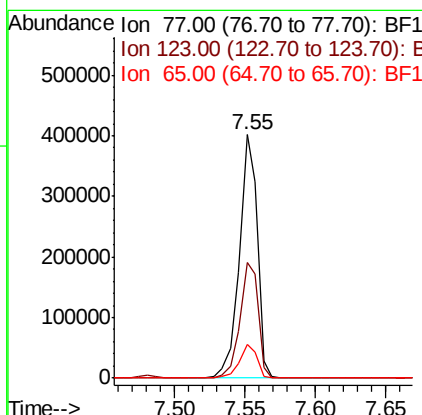
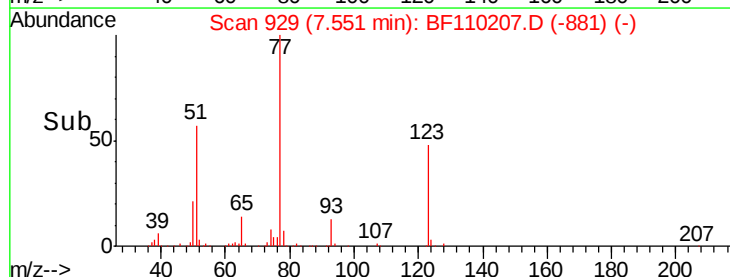
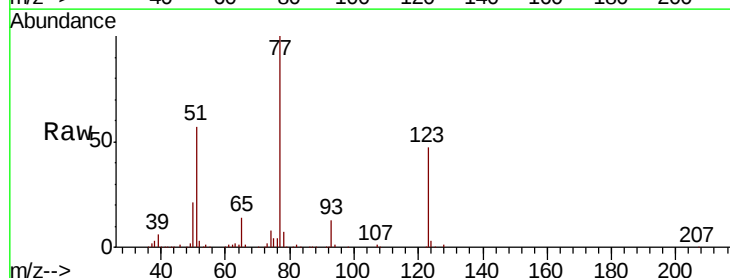
Manual Integrations
APPROVED

Sohil
10/29/2018 11:56:37 AM



#24
Nitrobenzene
Concen: 40.746 ng
RT: 7.55 min Scan# 929
Delta R.T. -0.02 min
Lab File: BF110207.D
Acq: 26 Oct 2018 14:03

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
123	47.5	35.7	53.5	
65	13.8	10.7	16.1	





#25

Isophorone

Concen: 38.794 ng

RT: 7.79 min Scan# 969

Delta R.T. -0.02 min

Lab File: BF110207.D

Acq: 26 Oct 2018 14:03

Instrument :

BNA_F

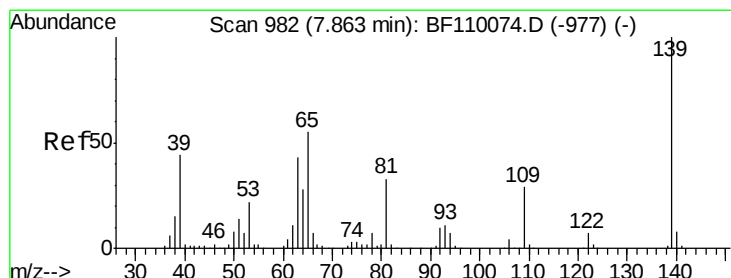
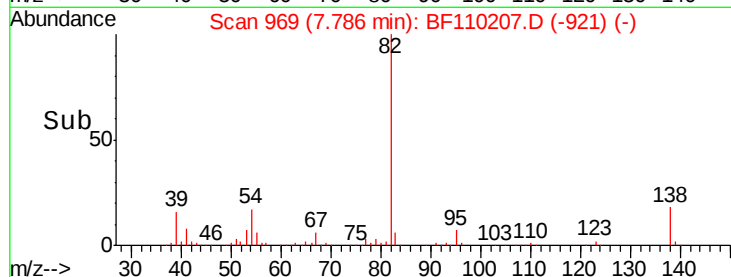
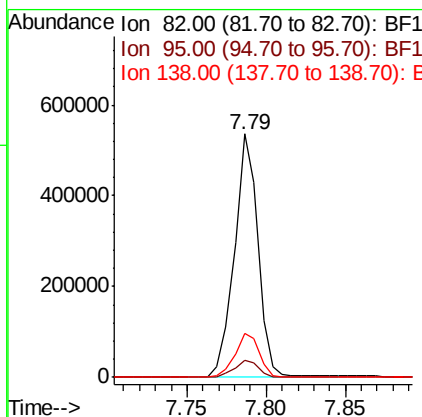
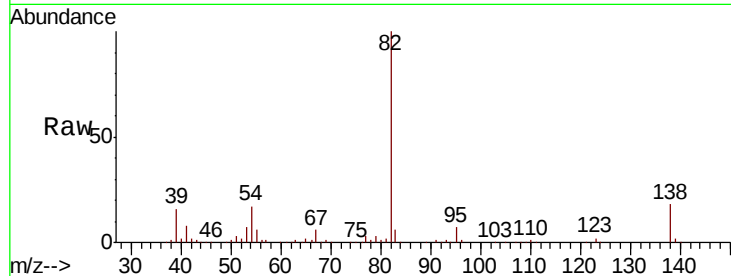
ClientSampleId :

SSTDCCC040

Tot Ion:	82	Resp:	556618
Ion Ratio		Lower	Upper
82	100		
95	7.1	5.7	8.5
138	18.3	13.2	19.8

Manual Integrations
APPROVED

Sohil
10/29/2018 11:56:37 AM



#26

2-Nitrophenol

Concen: 43.065 ng

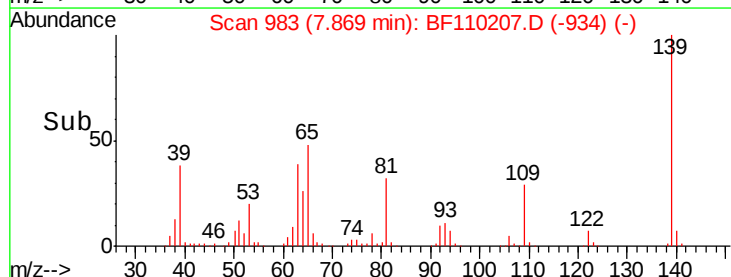
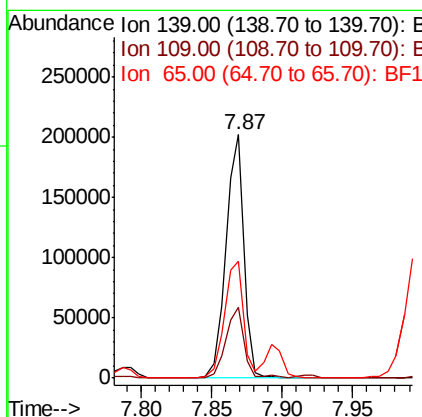
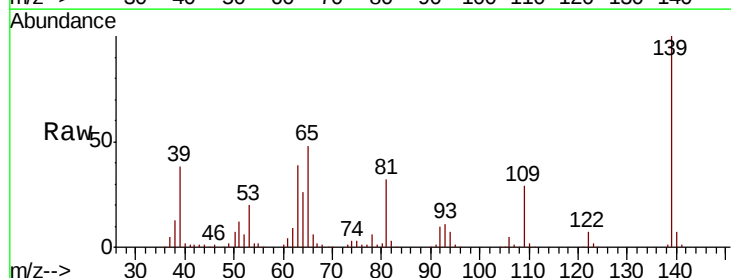
RT: 7.87 min Scan# 983

Delta R.T. -0.01 min

Lab File: BF110207.D

Acq: 26 Oct 2018 14:03

Tgt Ion:	139	Resp:	178091
Ion Ratio		Lower	Upper
139	100		
109	29.0	25.0	37.6
65	48.2	44.0	66.0





#27

2,4-Dimethylphenol

Concen: 39.527 ng

RT: 7.89 min Scan# 987

Delta R.T. -0.02 min

Lab File: BF110207.D

Acq: 26 Oct 2018 14:03

Instrument :

BNA_F

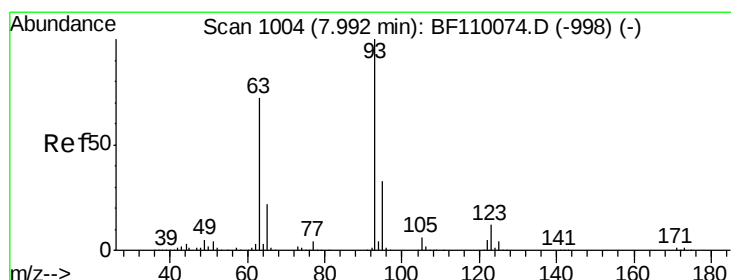
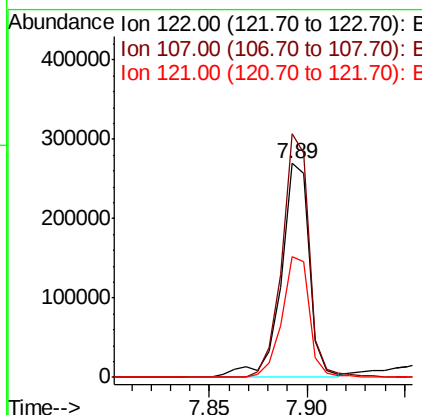
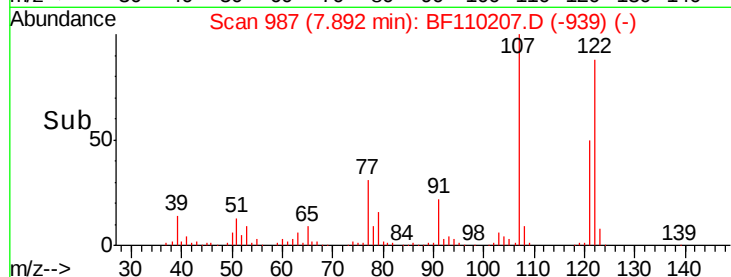
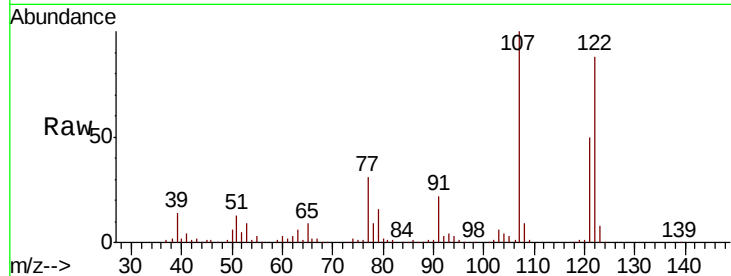
ClientSampleId :

SSTDCCC040

Tot Ion:	122	Resp:	271006
Ion Ratio	Lower	Upper	
122	100		
107	113.8	92.5	138.7
121	56.6	45.8	68.8

Manual Integrations
APPROVED

Sohil
10/29/2018 11:56:37 AM



#28

bis(2-Chloroethoxy)methane

Concen: 38.951 ng

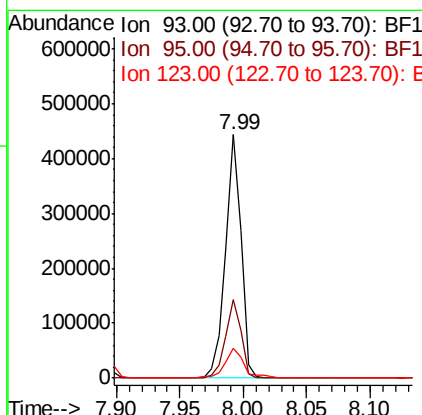
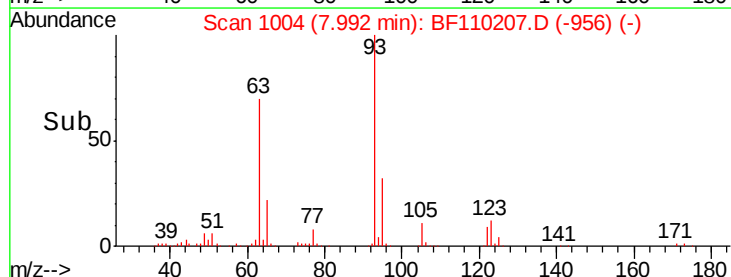
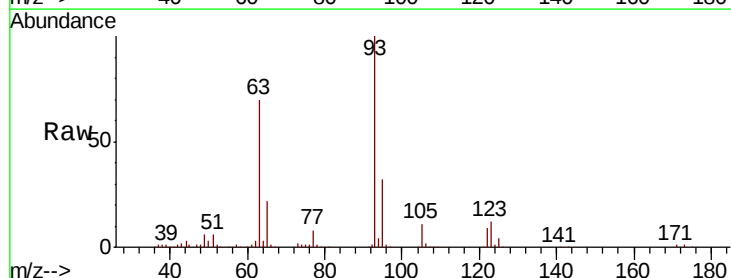
RT: 7.99 min Scan# 1004

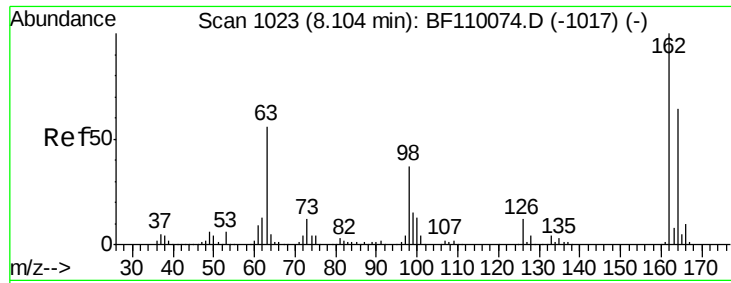
Delta R.T. -0.02 min

Lab File: BF110207.D

Acq: 26 Oct 2018 14:03

Tgt Ion:	93	Resp:	379661
Ion Ratio	Lower	Upper	
93	100		
95	32.3	26.4	39.6
123	12.0	9.0	13.6





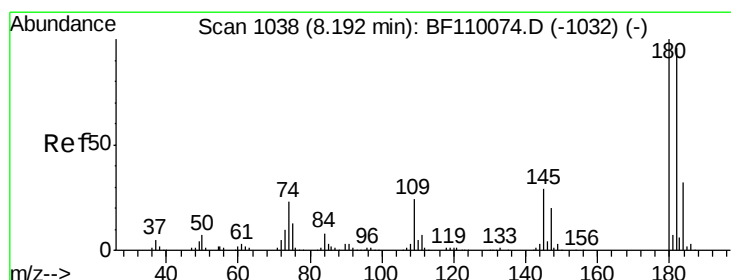
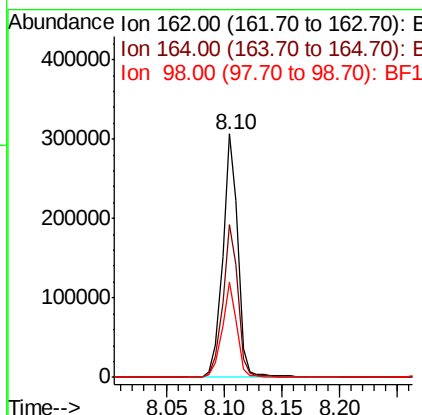
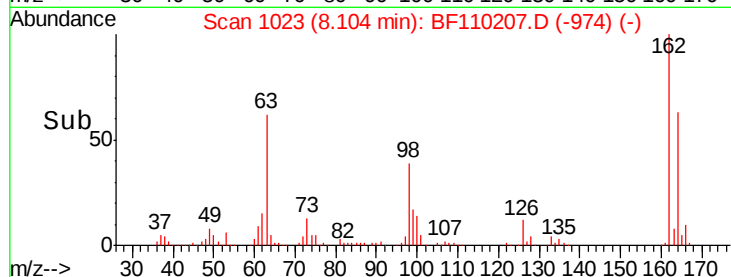
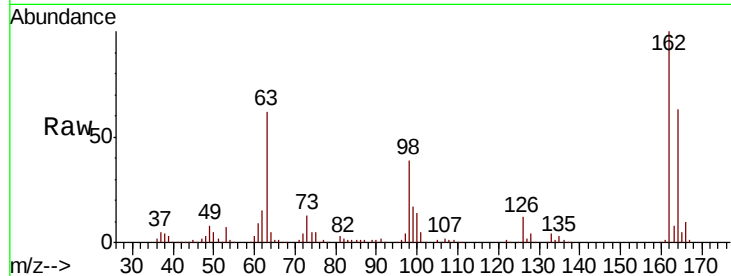
#29
2,4-Dichlorophenol
Concen: 40.313 ng
RT: 8.10 min Scan# 1023
Delta R.T. -0.01 min
Lab File: BF110207.D
Acq: 26 Oct 2018 14:03

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp Lower	Upper
162	100		
164	62.7	44.6	84.6
98	39.0	17.4	57.4

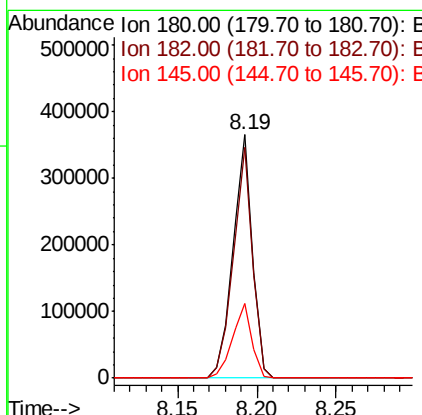
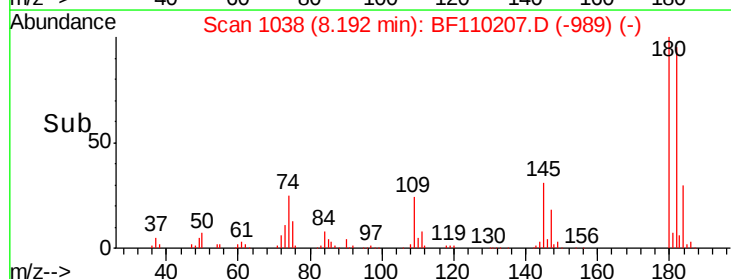
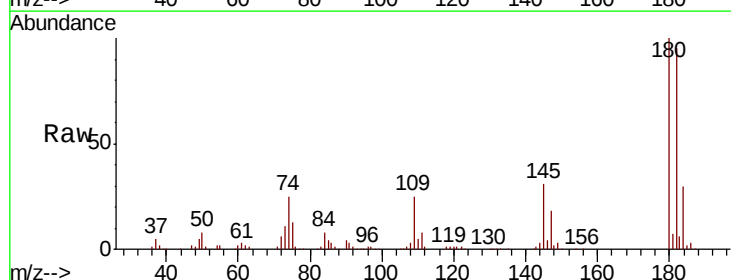
Manual Integrations
APPROVED

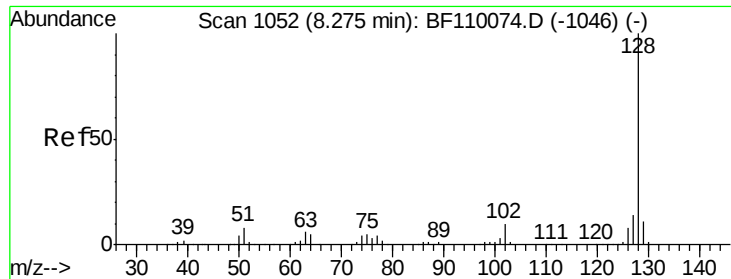
Sohil
10/29/2018 11:56:37 AM



#30
1,2,4-Trichlorobenzene
Concen: 39.847 ng
RT: 8.19 min Scan# 1038
Delta R.T. -0.01 min
Lab File: BF110207.D
Acq: 26 Oct 2018 14:03

Tgt Ion	Ratio	Resp Lower	Upper
180	100		
182	94.7	80.3	120.5
145	30.7	25.4	38.0





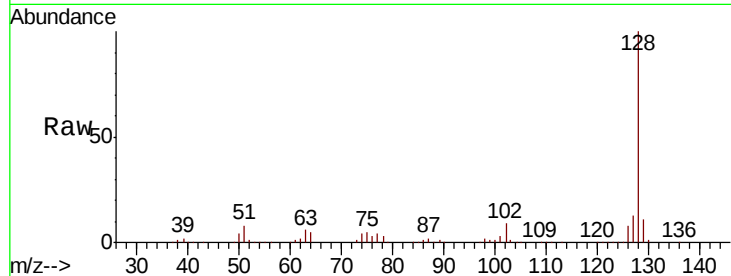
#31
Naphthalene
Concen: 39.709 ng
RT: 8.27 min Scan# 1052
Delta R.T. -0.02 min
Lab File: BF110207.D
Acq: 26 Oct 2018 14:03

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

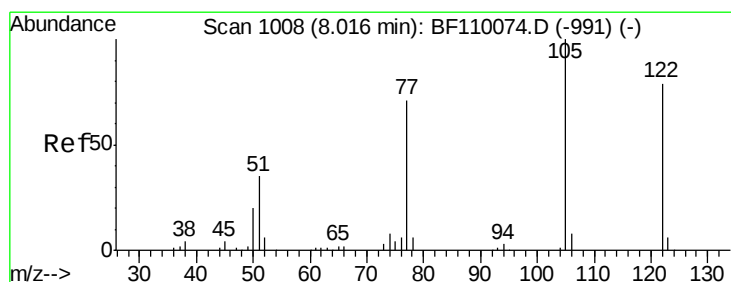
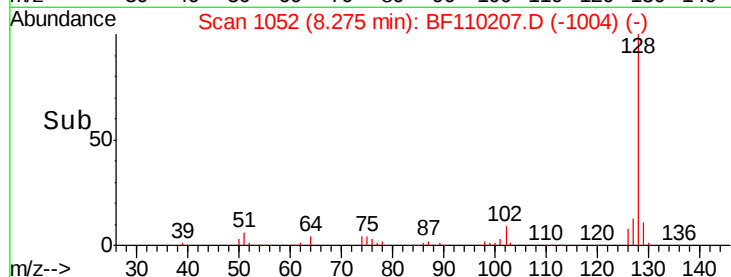
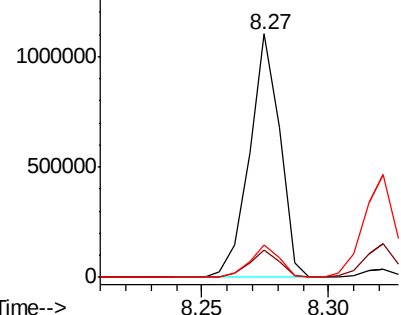
Tot Ion	Ratio	Lower	Upper
128	100		
129	11.4	8.8	13.2
127	13.2	10.8	16.2

Manual Integrations
APPROVED

Sohil
10/29/2018 11:56:37 AM

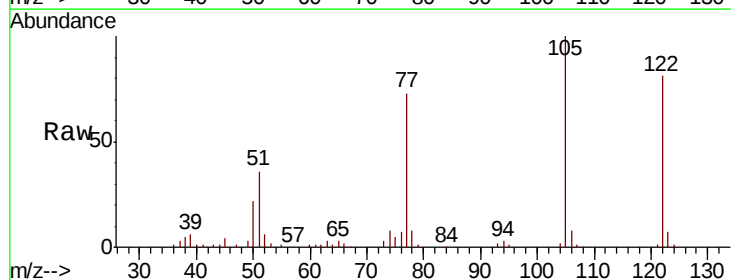


Abundance Ion 128.00 (127.70 to 128.70): E
1500000
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

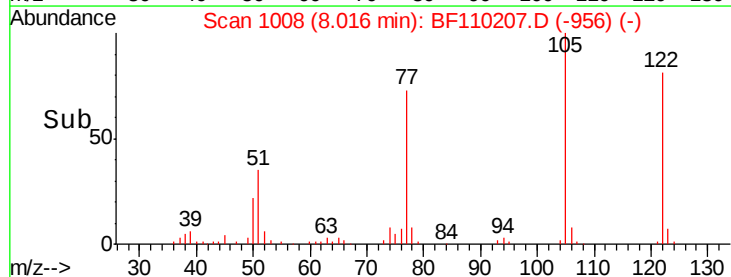
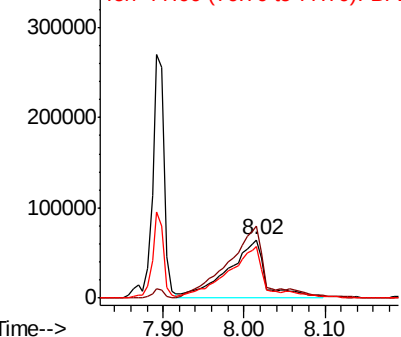


#32
Benzoic acid
Concen: 40.236 ng m
RT: 8.02 min Scan# 1008
Delta R.T. 0.01 min
Lab File: BF110207.D
Acq: 26 Oct 2018 14:03

Tgt Ion	Ratio	Lower	Upper
122	100		
105	123.3	109.0	149.0
77	89.6	79.0	119.0



Abundance Ion 122.00 (121.70 to 122.70): E
300000
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF1





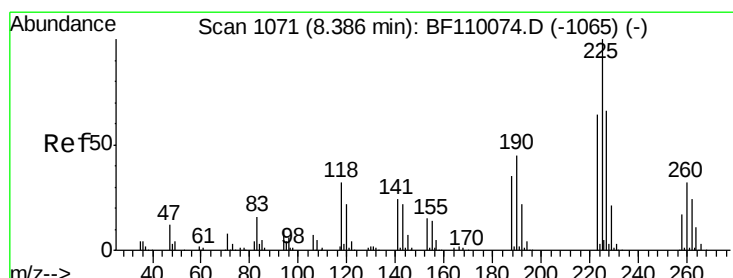
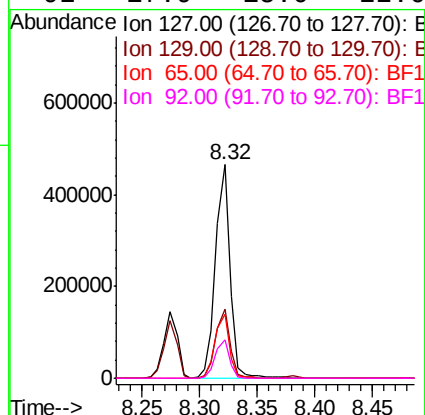
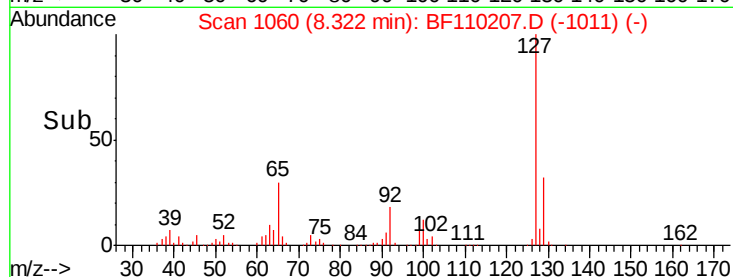
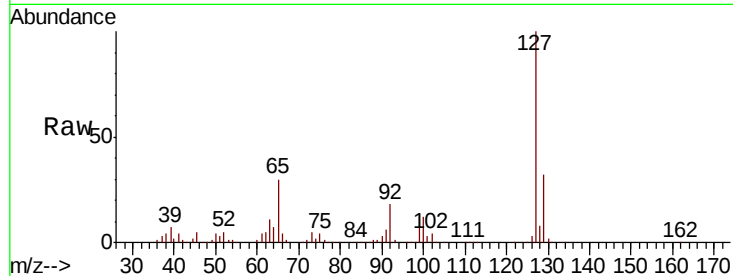
#33
4-Chloroaniline
Concen: 39.632 ng
RT: 8.32 min Scan# 1060
Delta R.T. -0.01 min
Lab File: BF110207.D
Acq: 26 Oct 2018 14:03

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	32.2	26.0	39.0		
65	29.8	25.1	37.7		
92	17.9	15.0	22.6		

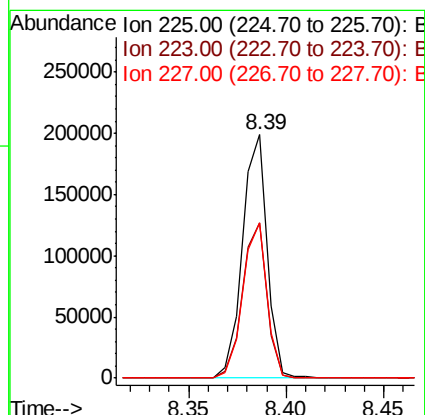
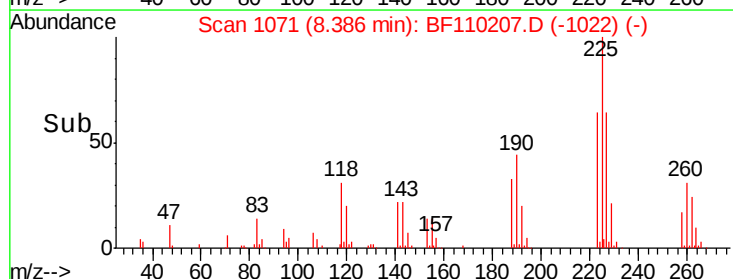
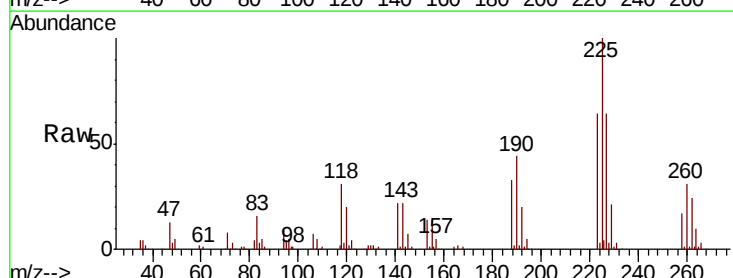
Manual Integrations
APPROVED

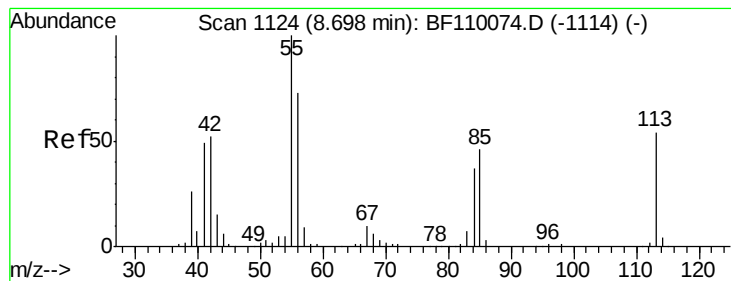
Sohil
10/29/2018 11:56:37 AM



#34
Hexachlorobutadiene
Concen: 40.398 ng
RT: 8.39 min Scan# 1071
Delta R.T. -0.01 min
Lab File: BF110207.D
Acq: 26 Oct 2018 14:03

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	63.9	51.4	77.2		
227	63.6	51.0	76.6		





#35

Caprolactam

Concen: 40.171 ng

RT: 8.70 min Scan# 1124

Delta R.T. -0.01 min

Lab File: BF110207.D

Acq: 26 Oct 2018 14:03

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:113 Resp: 96983

Ion Ratio Lower Upper

113 100

55 184.3 142.8 182.8#

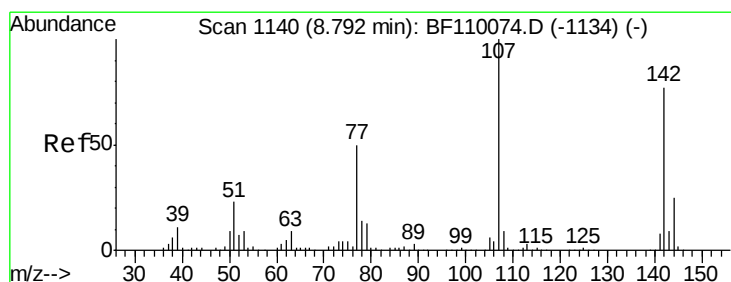
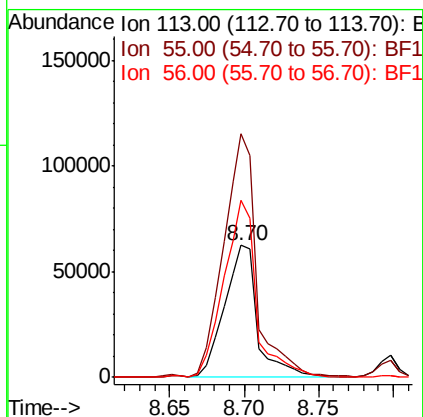
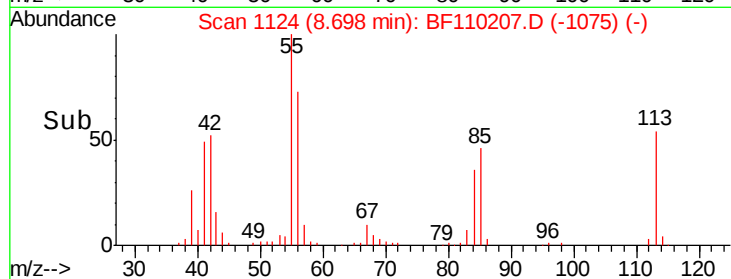
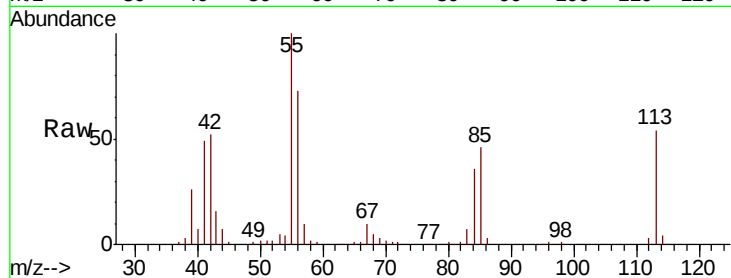
56 133.7 105.0 145.0

Manual Integrations

APPROVED

Sohil

10/29/2018 11:56:37 AM



#36

4-Chloro-3-methylphenol

Concen: 39.597 ng

RT: 8.80 min Scan# 1141

Delta R.T. -0.01 min

Lab File: BF110207.D

Acq: 26 Oct 2018 14:03

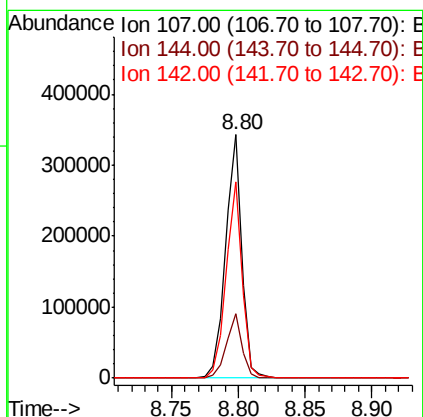
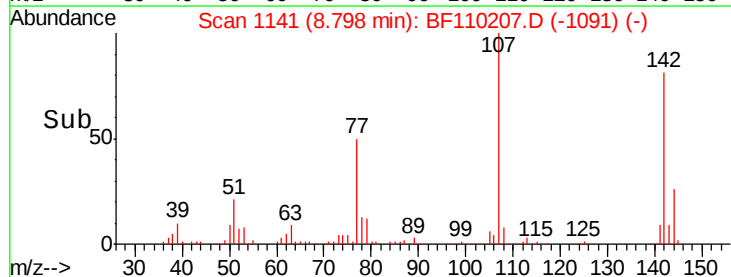
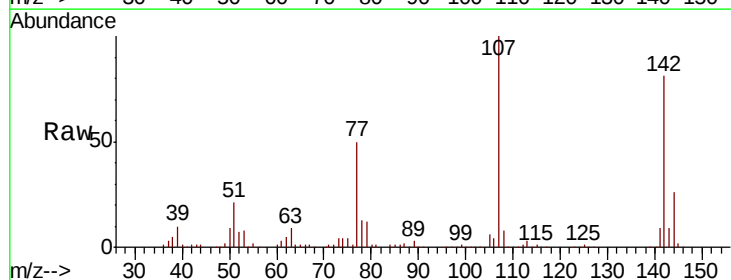
Tgt Ion:107 Resp: 296595

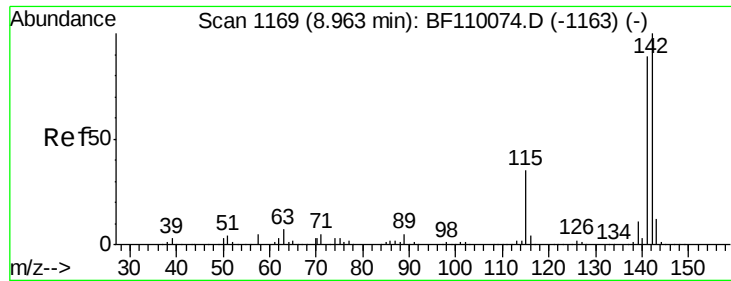
Ion Ratio Lower Upper

107 100

144 26.2 20.0 30.0

142 80.7 59.7 89.5





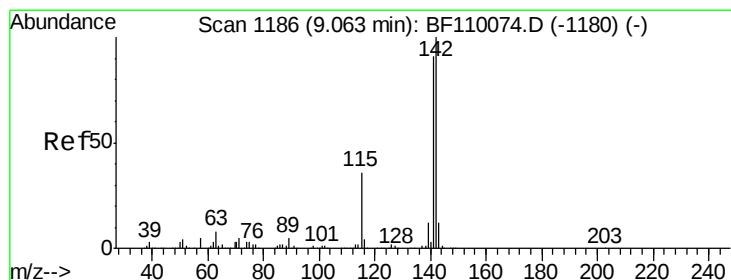
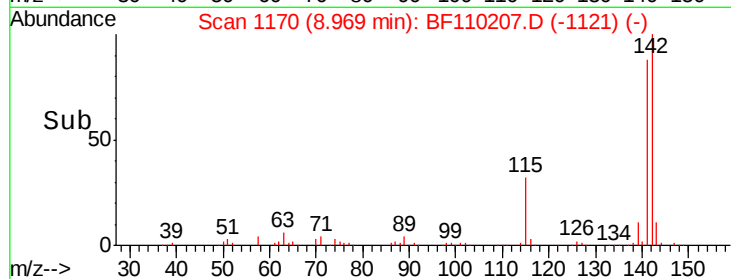
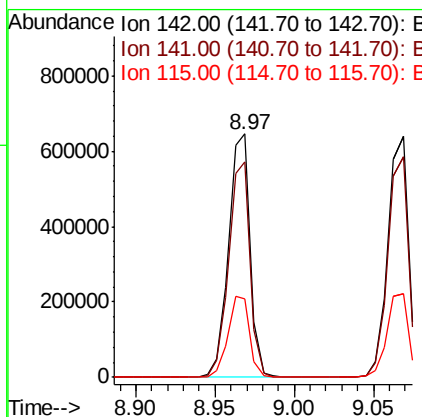
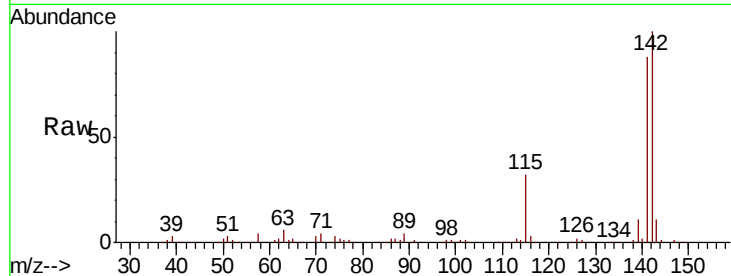
#37
2-Methylnaphthalene
Concen: 39.896 ng
RT: 8.97 min Scan# 1170
Delta R.T. -0.01 min
Lab File: BF110207.D
Acq: 26 Oct 2018 14:03

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.3	71.4	107.2
115	32.5	28.7	43.1

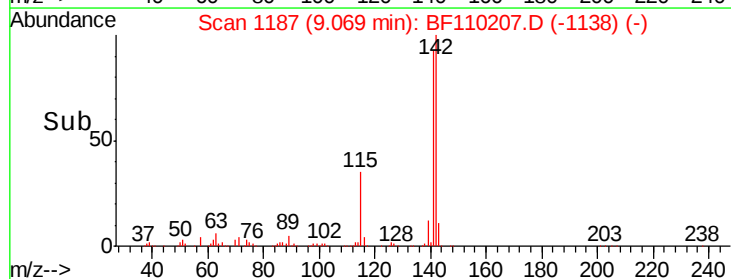
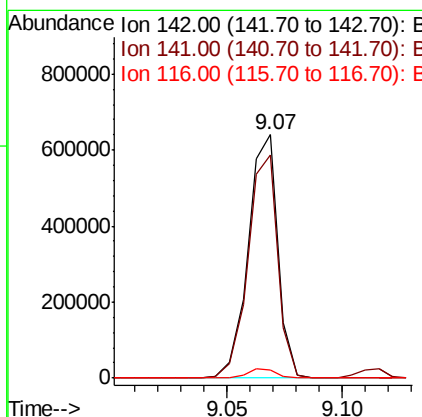
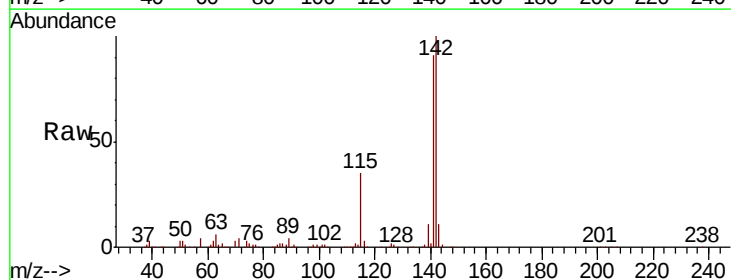
Manual Integrations
APPROVED

Sohil
10/29/2018 11:56:37 AM



#38
1-Methylnaphthalene
Concen: 39.125 ng
RT: 9.07 min Scan# 1187
Delta R.T. -0.01 min
Lab File: BF110207.D
Acq: 26 Oct 2018 14:03

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.5	74.2	111.4
116	3.5	2.6	4.0





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.02 min Scan# 1348

Delta R.T. -0.01 min

Lab File: BF110207.D

Acq: 26 Oct 2018 14:03

Instrument :

BNA_F

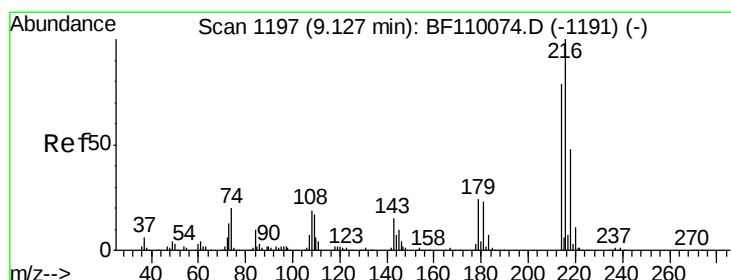
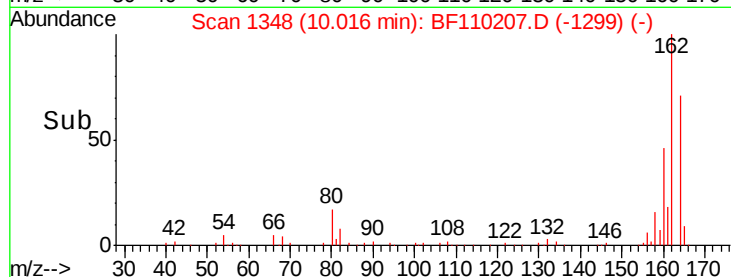
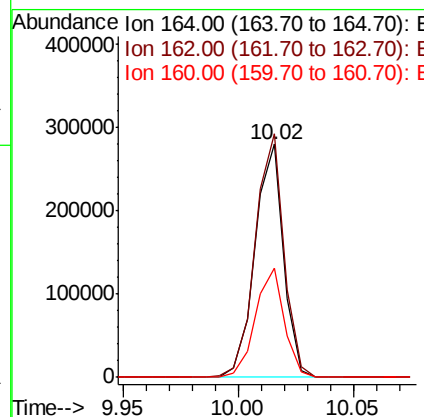
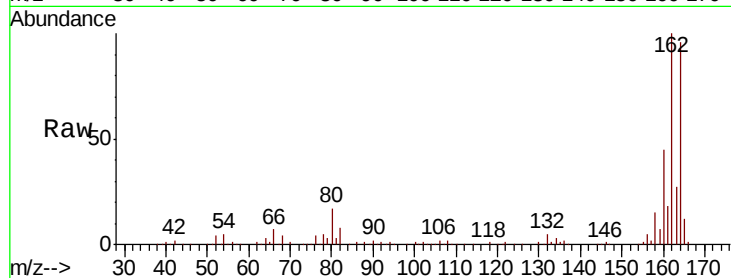
ClientSampleId :

SSTDCCC040

Tot Ion:	164	Resp:	241393
Ion Ratio	Lower	Upper	
164	100		
162	104.5	83.0	124.6
160	46.6	37.0	55.6

Manual Integrations
APPROVED

Sohil
10/29/2018 11:56:37 AM



#40

1,2,4,5-Tetrachlorobenzene

Concen: 39.240 ng

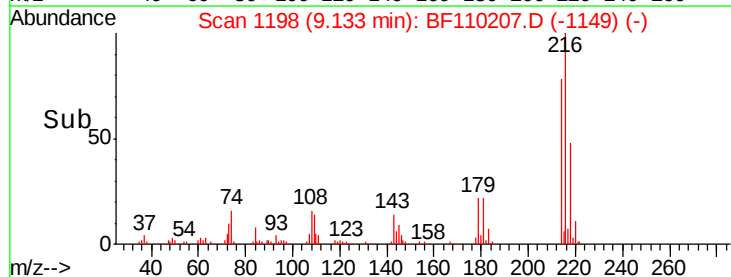
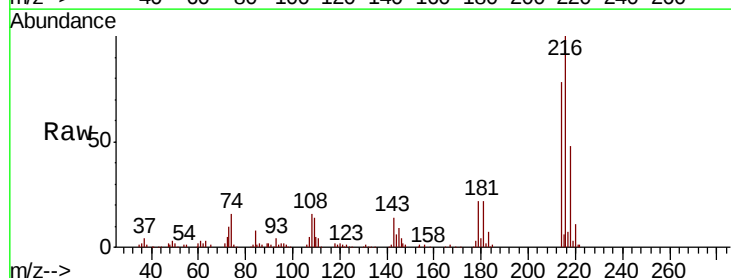
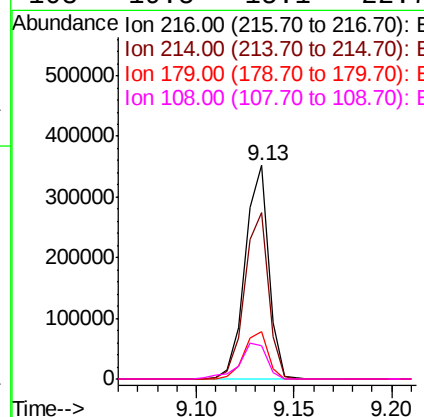
RT: 9.13 min Scan# 1198

Delta R.T. -0.01 min

Lab File: BF110207.D

Acq: 26 Oct 2018 14:03

Tgt Ion:	216	Resp:	295139
Ion Ratio	Lower	Upper	
216	100		
214	79.2	63.8	95.6
179	22.8	16.6	25.0
108	19.5	15.1	22.7





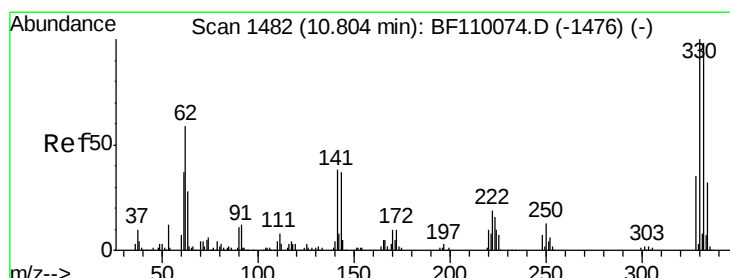
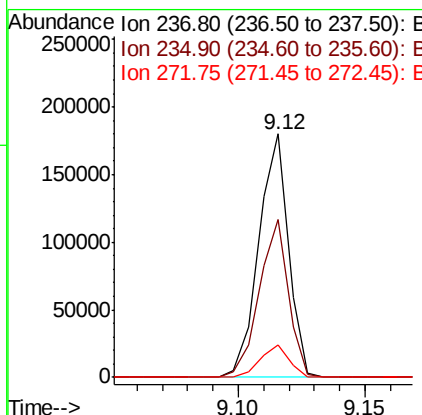
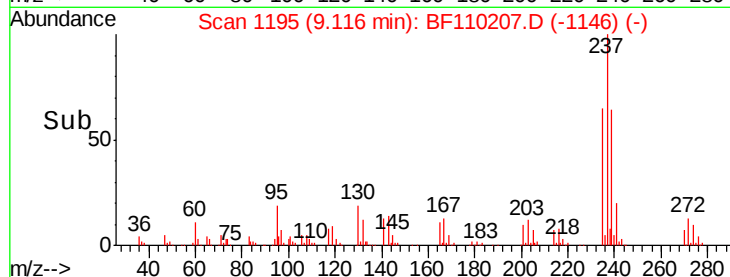
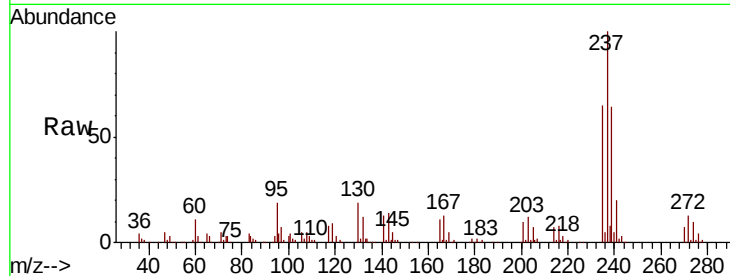
#41
Hexachlorocyclopentadiene
Concen: 38.454 ng
RT: 9.12 min Scan# 1195
Delta R.T. -0.01 min
Lab File: BF110207.D
Acq: 26 Oct 2018 14:03

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
237	100	147889		
235	64.7	43.1	83.1	
272	13.3	0.0	32.6	

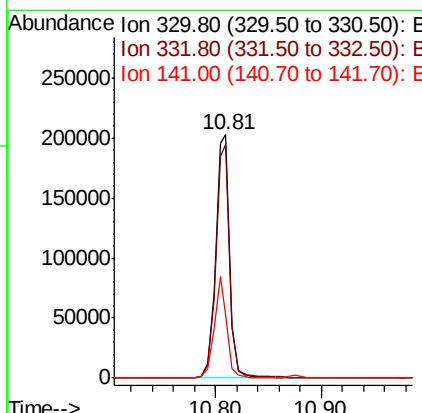
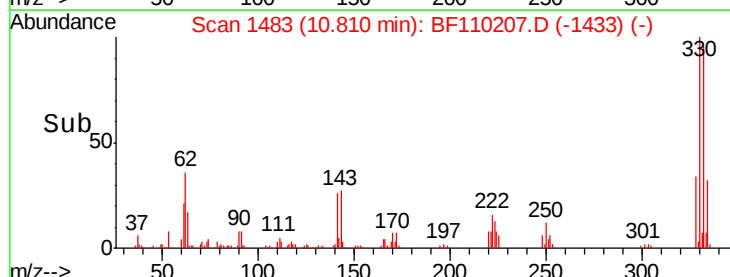
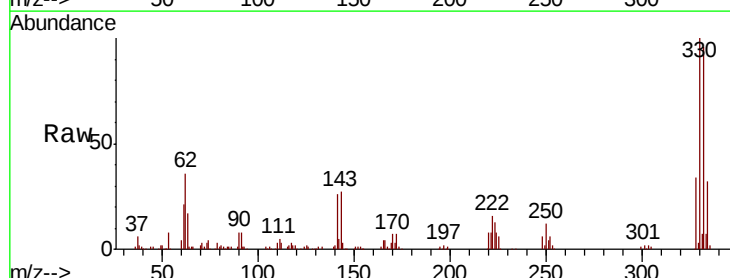
Manual Integrations
APPROVED

Sohil
10/29/2018 11:56:37 AM



#42
2,4,6-Tribromophenol
Concen: 80.195 ng
RT: 10.81 min Scan# 1483
Delta R.T. -0.01 min
Lab File: BF110207.D
Acq: 26 Oct 2018 14:03

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	191759		
332	95.2	77.1	115.7	
141	36.7	27.0	40.4	





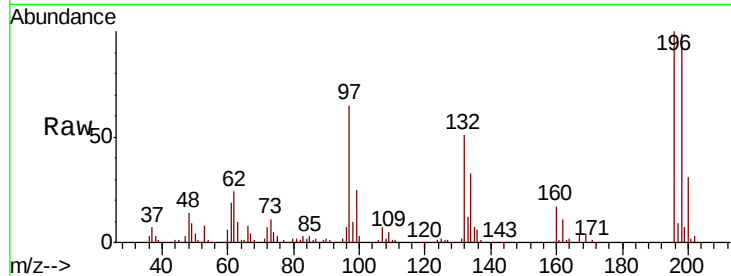
#43
 2,4,6-Trichlorophenol
 Concen: 40.011 ng
 RT: 9.24 min Scan# 1216
 Delta R.T. -0.01 min
 Lab File: BF110207.D
 Acq: 26 Oct 2018 14:03

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
196	100	194098		
198	99.5	76.2	114.4	
200	31.4	24.4	36.6	

Manual Integrations
 APPROVED

Sohil
 10/29/2018 11:56:37 AM

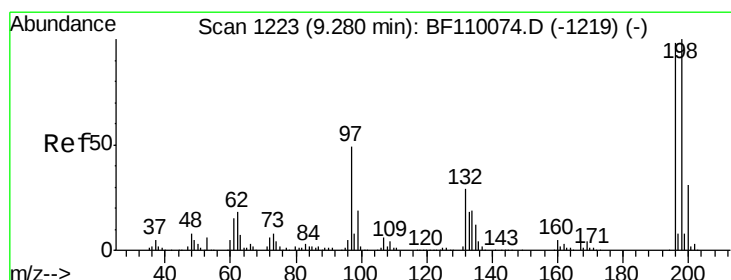
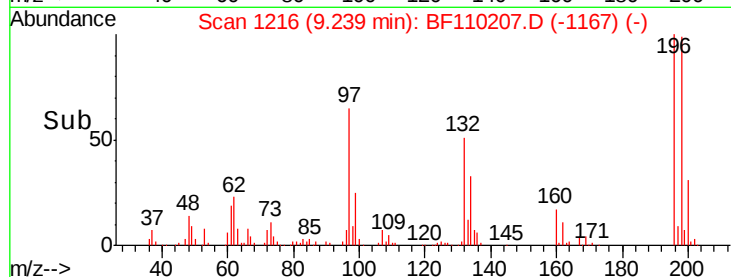
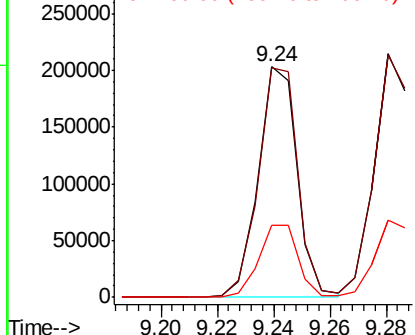


Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#44
 2,4,5-Trichlorophenol
 Concen: 39.667 ng
 RT: 9.28 min Scan# 1223
 Delta R.T. -0.01 min
 Lab File: BF110207.D
 Acq: 26 Oct 2018 14:03

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	203408		
198	99.7	75.8	113.6	
97	56.9	42.4	63.6	
132	32.0	22.8	34.2	

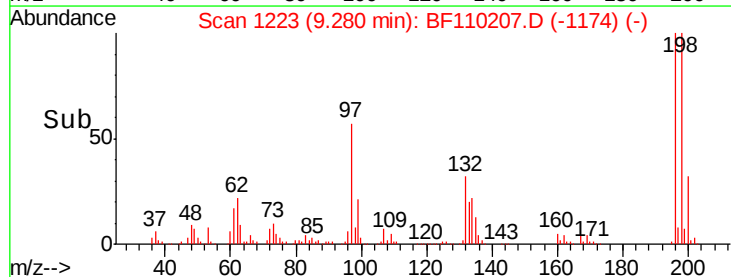
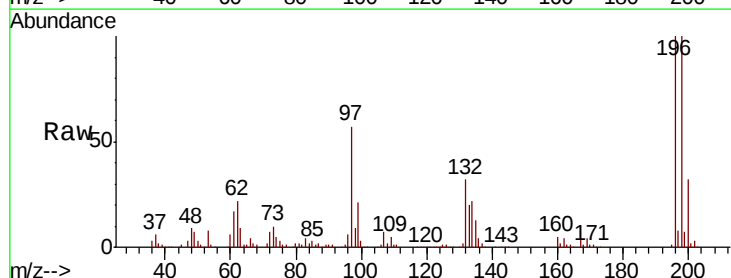
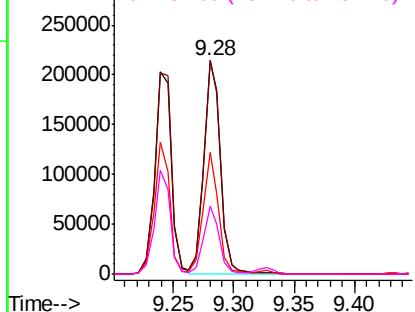
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E





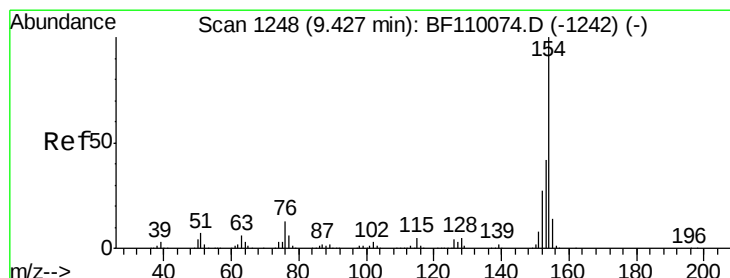
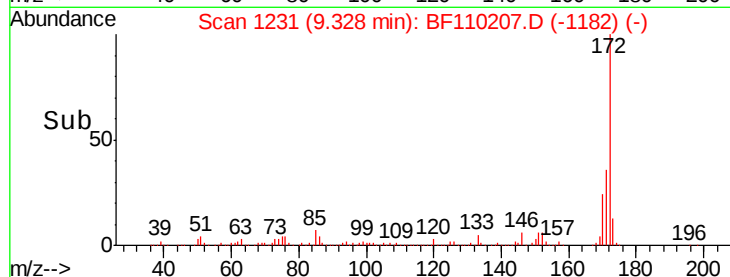
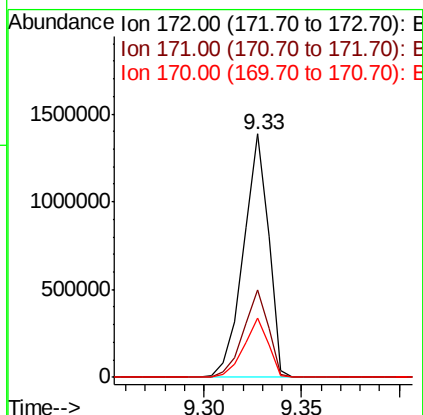
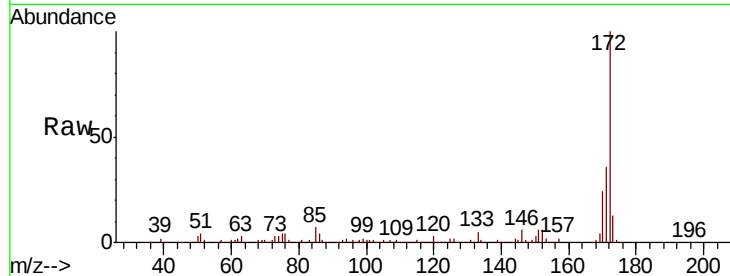
#45
2-Fluorobiphenyl
Concen: 80.363 ng
RT: 9.33 min Scan# 1231
Delta R.T. -0.01 min
Lab File: BF110207.D
Acq: 26 Oct 2018 14:03

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.0	28.6	43.0
170	24.1	19.7	29.5

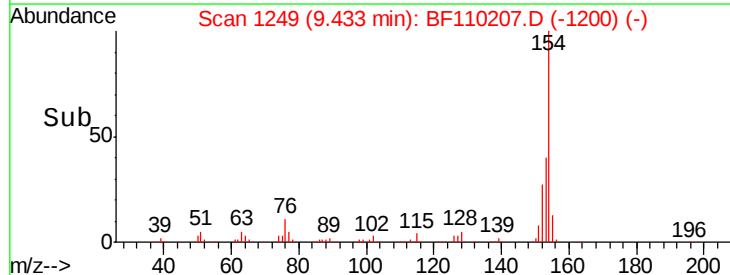
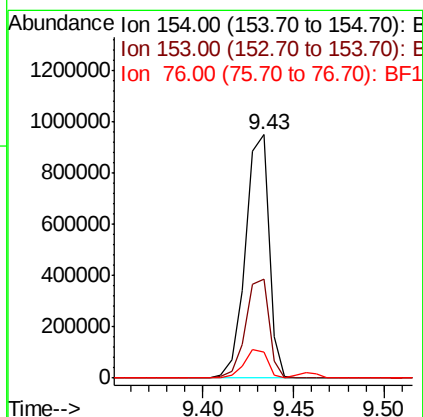
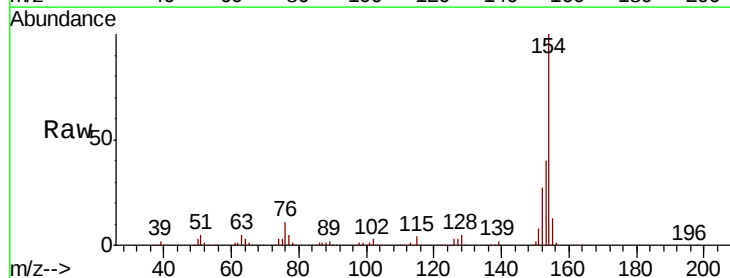
Manual Integrations
APPROVED

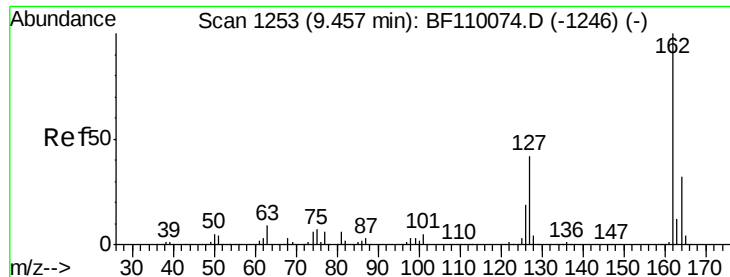
Sohil
10/29/2018 11:56:37 AM



#46
1,1'-Biphenyl
Concen: 39.243 ng
RT: 9.43 min Scan# 1249
Delta R.T. -0.01 min
Lab File: BF110207.D
Acq: 26 Oct 2018 14:03

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.4	20.4	60.4
76	10.7	0.0	31.9





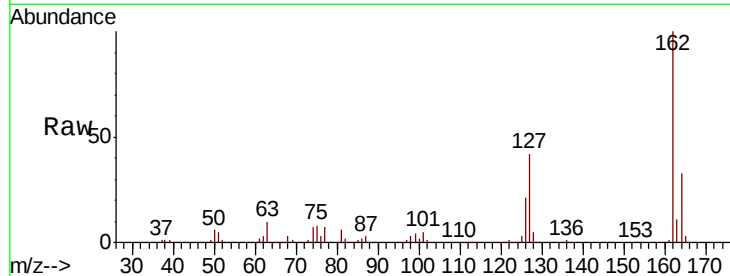
#47
2-Chloronaphthalene
Concen: 39.137 ng
RT: 9.46 min Scan# 1253
Delta R.T. -0.02 min
Lab File: BF110207.D
Acq: 26 Oct 2018 14:03

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

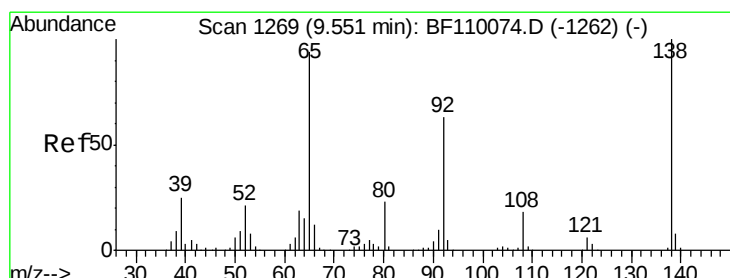
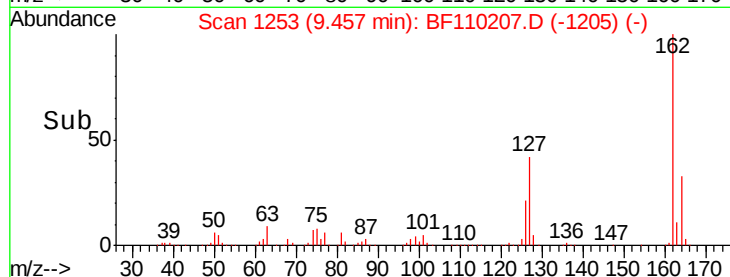
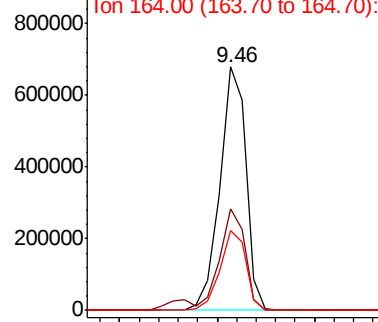
Tot Ion	Ratio	Lower	Upper
162	100		
127	41.8	32.6	48.8
164	32.7	25.9	38.9

Manual Integrations
APPROVED

Sohil
10/29/2018 11:56:37 AM

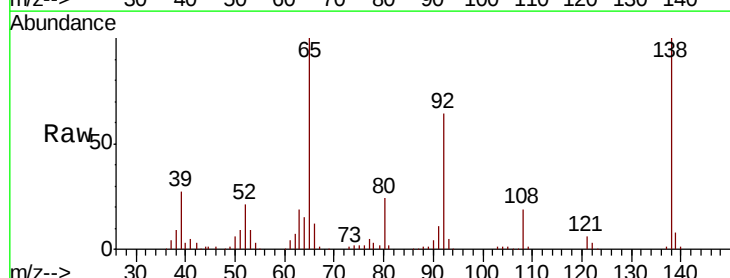


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

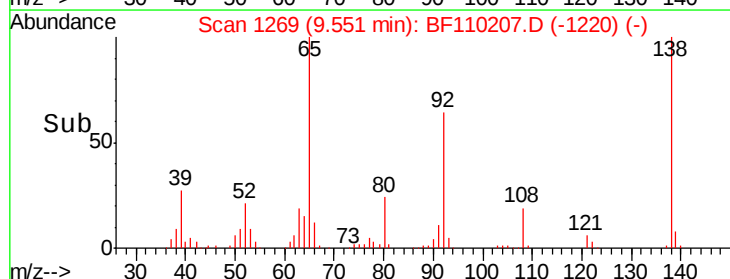
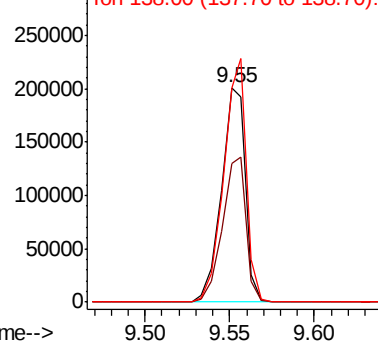


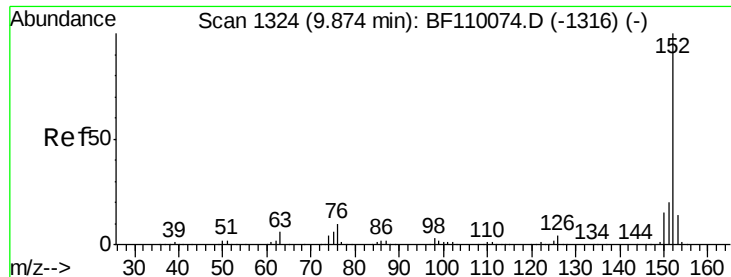
#48
2-Nitroaniline
Concen: 41.296 ng
RT: 9.55 min Scan# 1269
Delta R.T. -0.01 min
Lab File: BF110207.D
Acq: 26 Oct 2018 14:03

Tgt Ion	Ratio	Lower	Upper
65	100		
92	64.4	54.6	81.8
138	100.0	80.3	120.5



Abundance Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1
Ion 138.00 (137.70 to 138.70): E





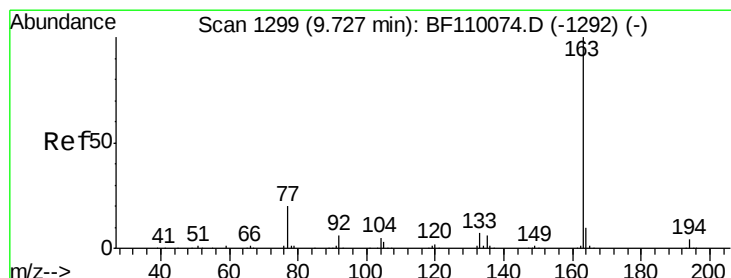
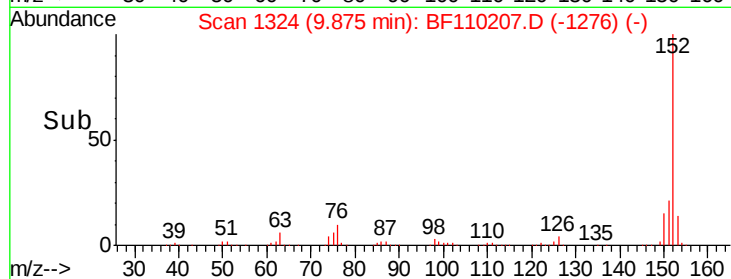
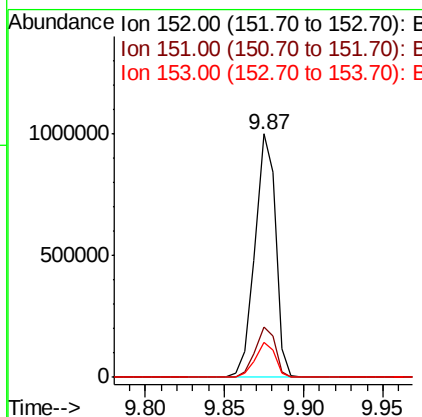
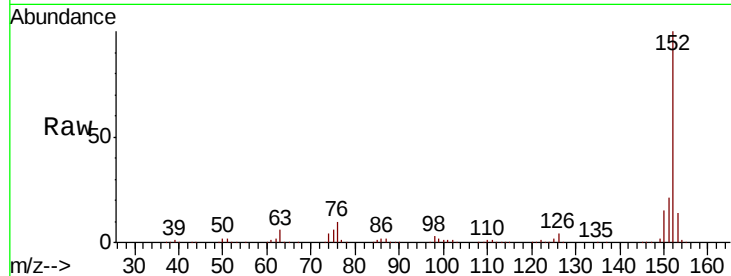
#49
Acenaphthylene
Concen: 39.317 ng
RT: 9.87 min Scan# 1324
Delta R.T. -0.02 min
Lab File: BF110207.D
Acq: 26 Oct 2018 14:03

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
152	100		
151	20.7	15.8	23.8
153	14.2	10.4	15.6

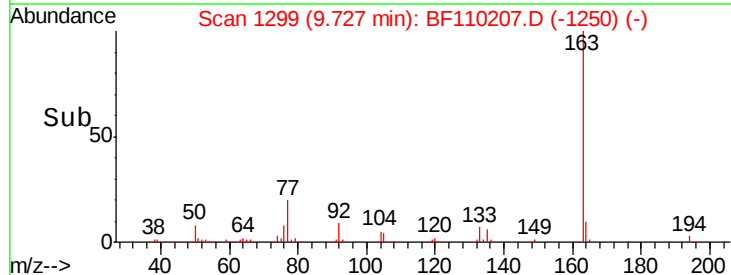
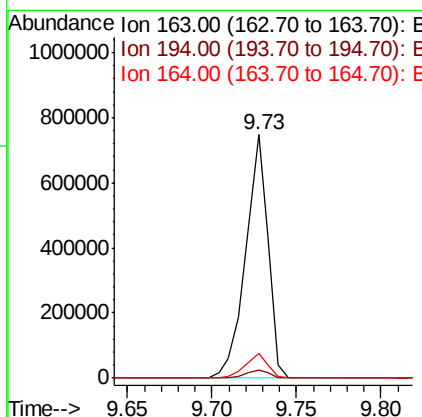
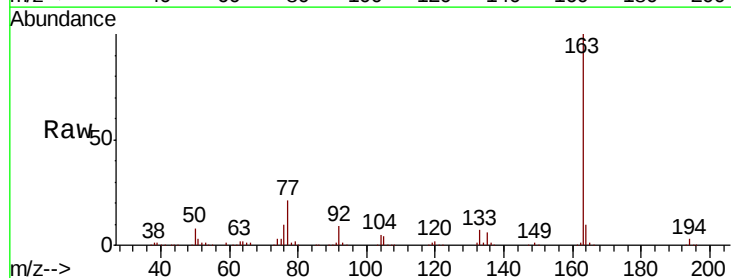
Manual Integrations
APPROVED

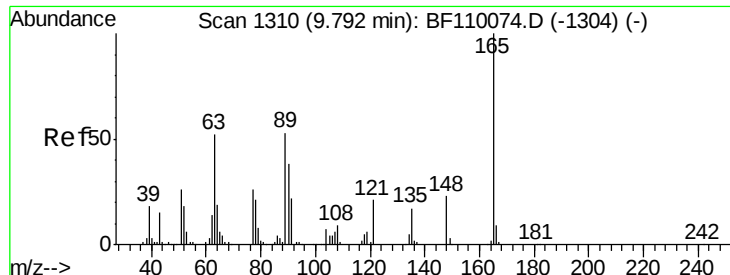
Sohil
10/29/2018 11:56:37 AM



#50
Dimethylphthalate
Concen: 38.914 ng
RT: 9.73 min Scan# 1299
Delta R.T. -0.01 min
Lab File: BF110207.D
Acq: 26 Oct 2018 14:03

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.5	3.2	4.8
164	10.3	8.1	12.1





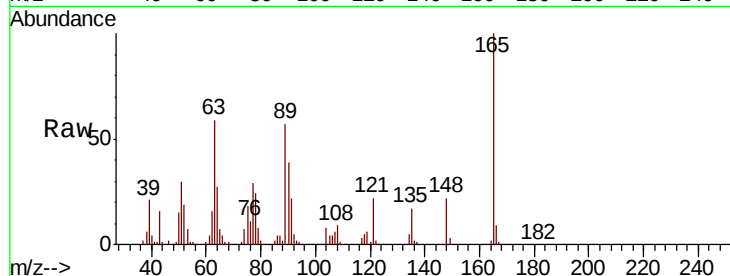
#51
2,6-Dinitrotoluene
Concen: 41.813 ng
RT: 9.79 min Scan# 1310
Delta R.T. -0.01 min
Lab File: BF110207.D
Acq: 26 Oct 2018 14:03

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

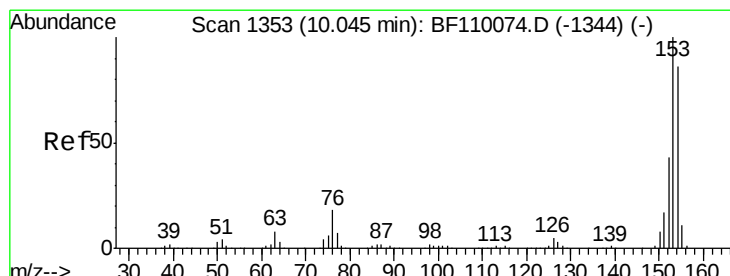
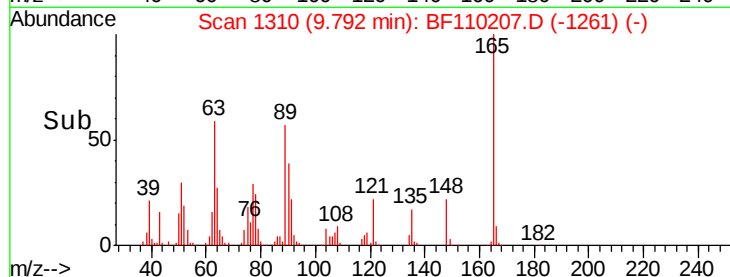
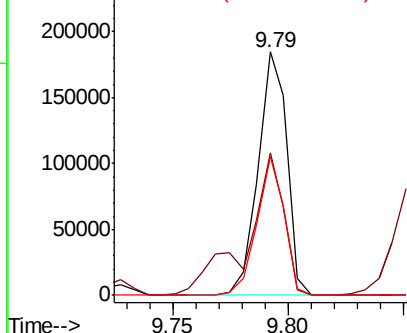
Tot Ion	Ratio	Resp	Lower	Upper
165	100	160492		
63	58.5	48.9	73.3	
89	56.8	46.6	69.8	

Manual Integrations
APPROVED

Sohil
10/29/2018 11:56:37 AM



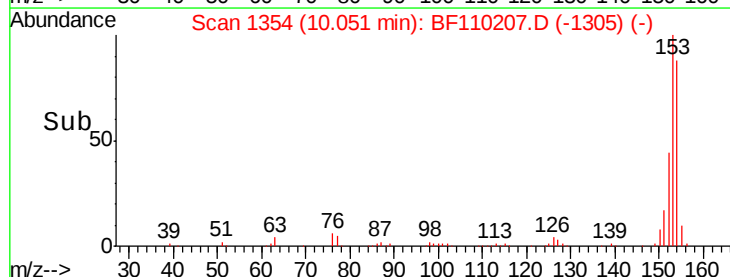
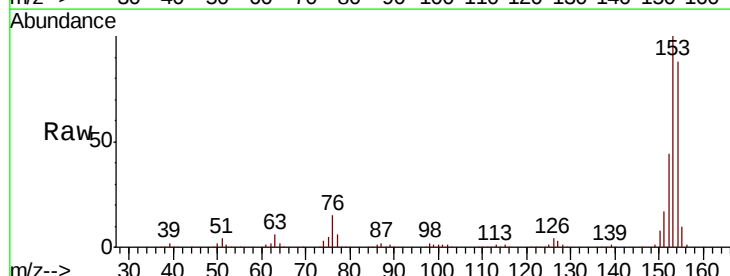
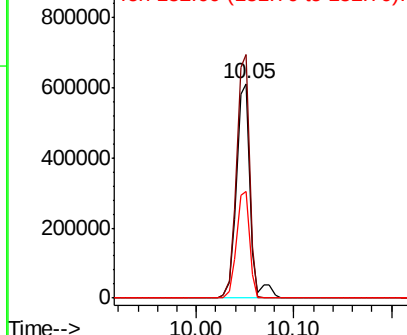
Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1

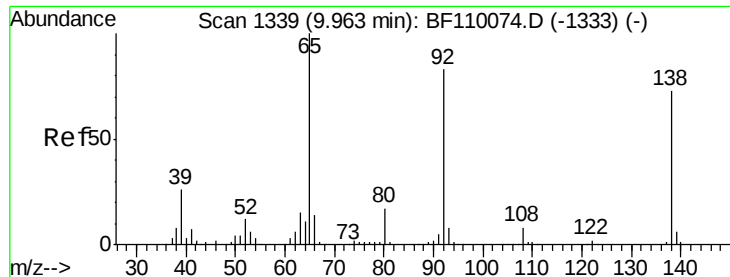


#52
Acenaphthene
Concen: 39.537 ng
RT: 10.05 min Scan# 1354
Delta R.T. -0.01 min
Lab File: BF110207.D
Acq: 26 Oct 2018 14:03

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	604911		
153	113.6	90.1	135.1	
152	50.0	43.4	65.2	

Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E





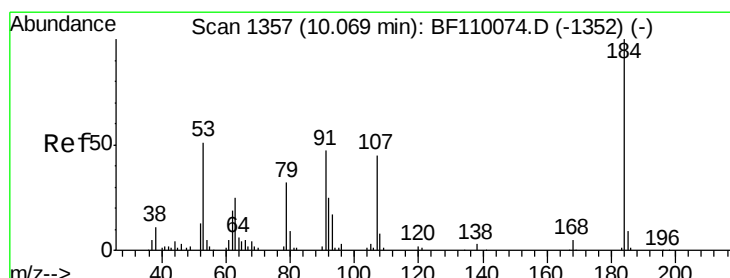
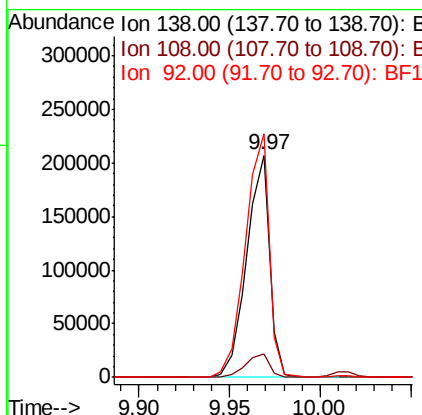
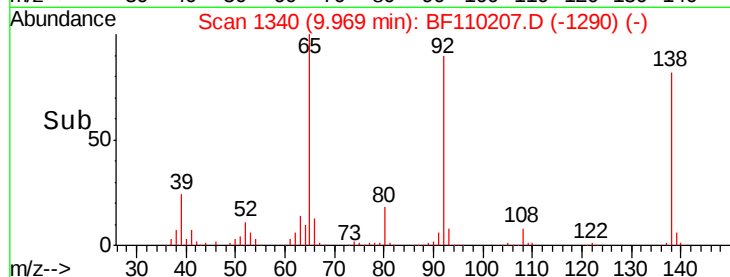
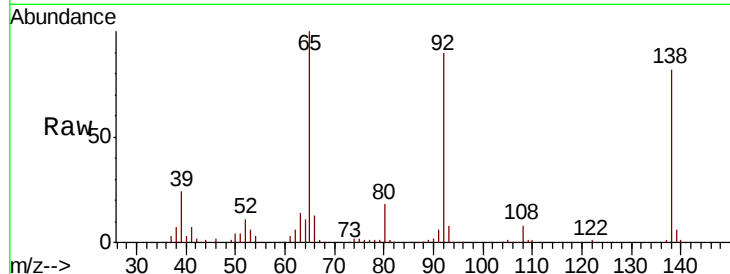
#53
 3-Nitroaniline
 Concen: 40.046 ng
 RT: 9.97 min Scan# 1340
 Delta R.T. -0.01 min
 Lab File: BF110207.D
 Acq: 26 Oct 2018 14:03

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.3	8.7	13.1
92	109.5	97.0	145.4

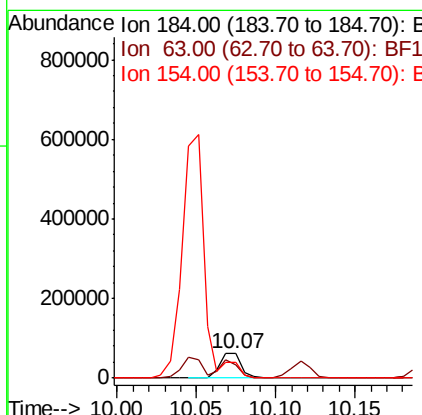
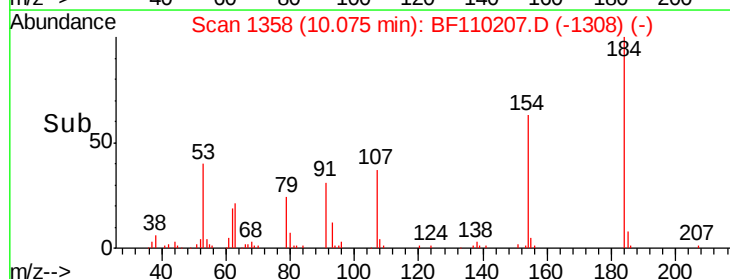
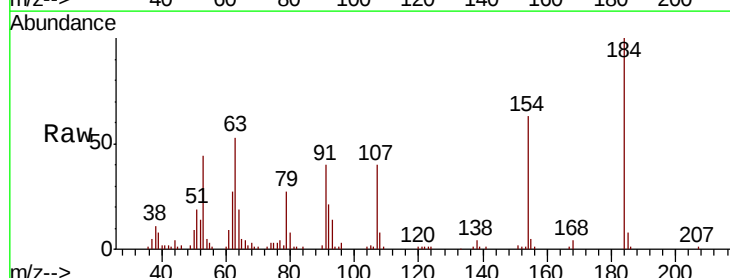
Manual Integrations
 APPROVED

Sohil
 10/29/2018 11:56:37 AM



#54
 2,4-Dinitrophenol
 Concen: 41.349 ng
 RT: 10.07 min Scan# 1358
 Delta R.T. -0.01 min
 Lab File: BF110207.D
 Acq: 26 Oct 2018 14:03

Tgt Ion	Ratio	Lower	Upper
184	100		
63	52.7	55.8	83.6#
154	63.0	63.2	94.8#





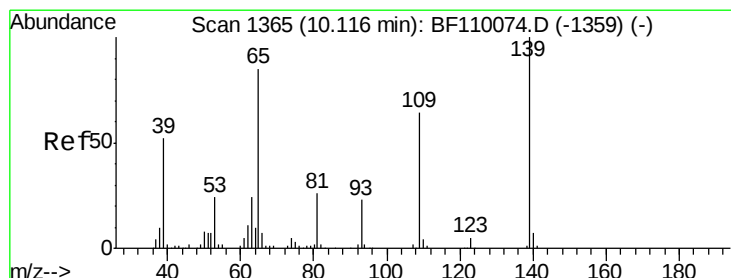
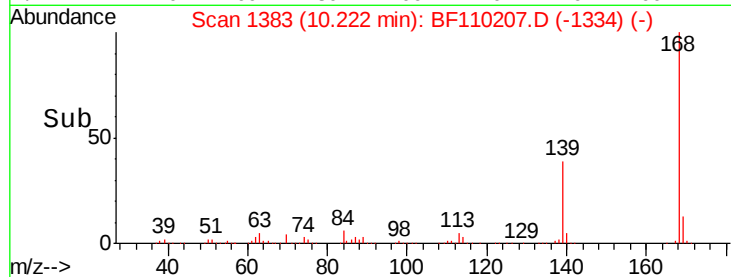
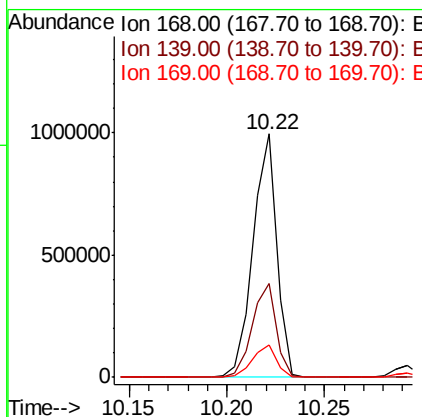
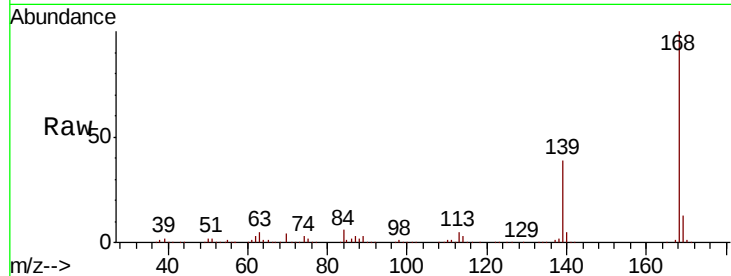
#55
Dibenzenofuran
Concen: 39.211 ng
RT: 10.22 min Scan# 1383
Delta R.T. -0.01 min
Lab File: BF110207.D
Acq: 26 Oct 2018 14:03

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:	168	Resp:	839939
Ion Ratio	Lower	Upper	
168	100		
139	38.6	33.0	49.6
169	13.3	11.3	16.9

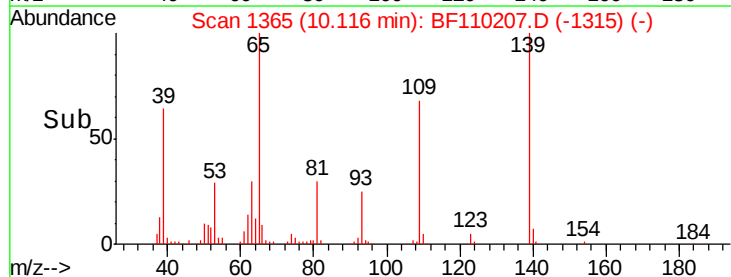
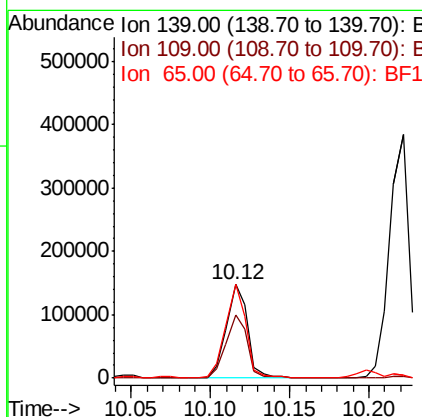
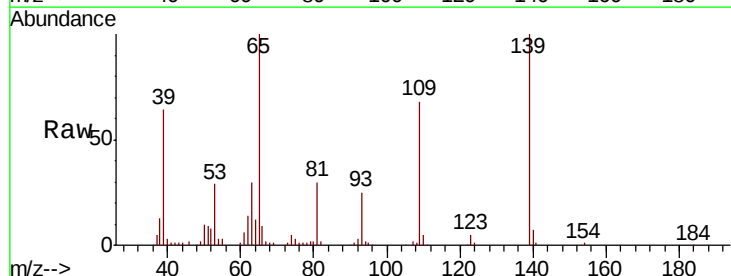
Manual Integrations
APPROVED

Sohil
10/29/2018 11:56:37 AM



#56
4-Nitrophenol
Concen: 40.884 ng
RT: 10.12 min Scan# 1365
Delta R.T. -0.01 min
Lab File: BF110207.D
Acq: 26 Oct 2018 14:03

Tgt Ion:	139	Resp:	138117
Ion Ratio	Lower	Upper	
139	100		
109	67.8	55.8	95.8
65	100.2	77.9	117.9





#57

2,4-Dinitrotoluene

Concen: 42.874 ng

RT: 10.20 min Scan# 1379

Delta R.T. -0.01 min

Lab File: BF110207.D

Acq: 26 Oct 2018 14:03

Instrument :

BNA_F

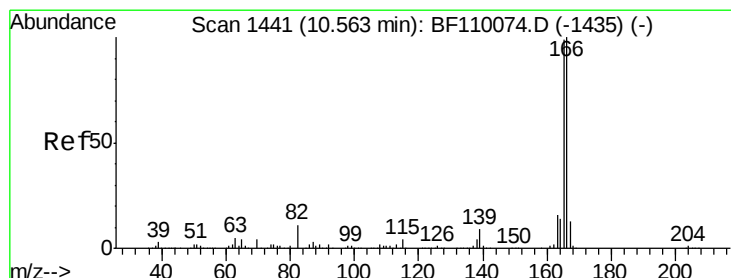
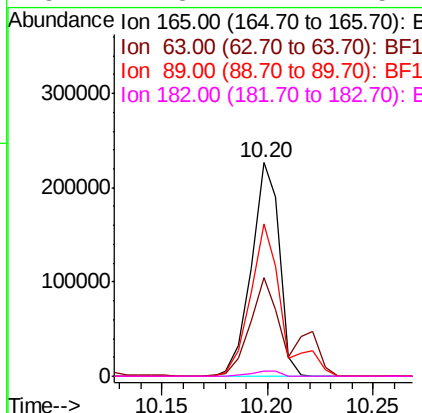
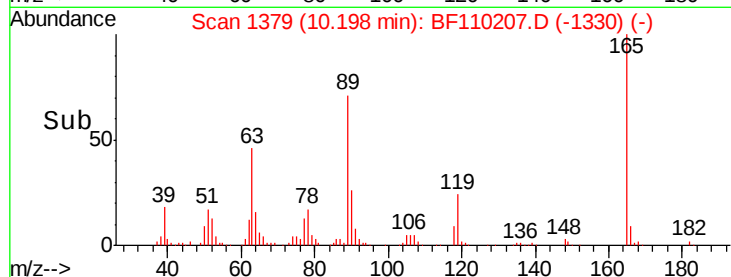
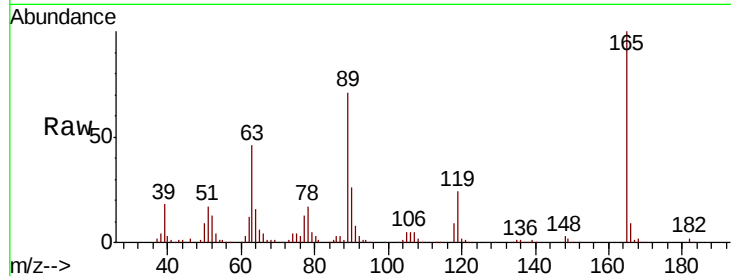
ClientSampleId :

SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
165	100	209026		
63	46.4		44.8	67.2
89	71.2		62.2	93.4
182	2.3		2.1	3.1

Manual Integrations
APPROVED

Sohil
10/29/2018 11:56:37 AM



#58

Fluorene

Concen: 39.028 ng

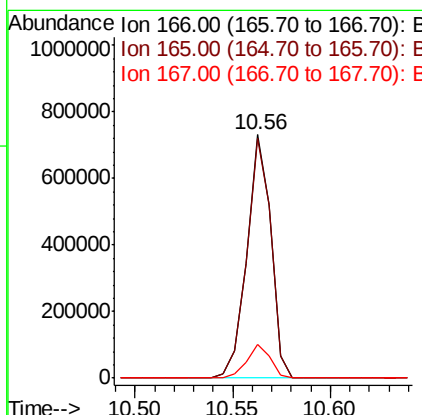
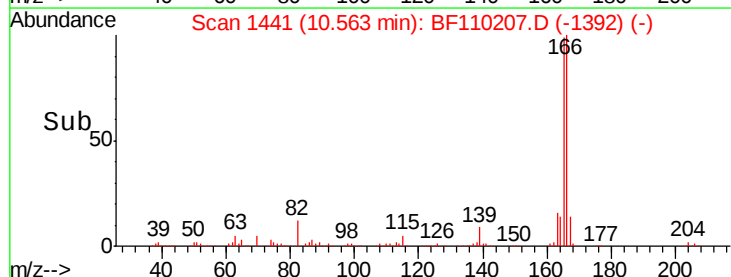
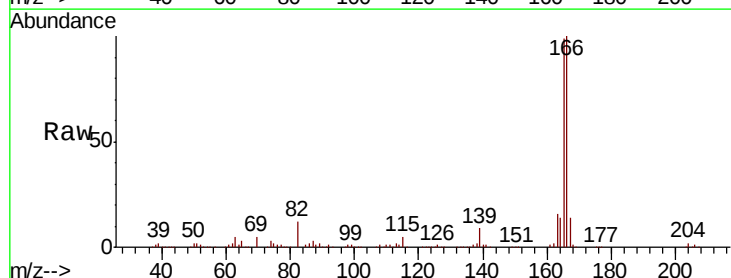
RT: 10.56 min Scan# 1441

Delta R.T. -0.01 min

Lab File: BF110207.D

Acq: 26 Oct 2018 14:03

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	622202		
165	98.6		78.6	117.8
167	13.7		10.8	16.2





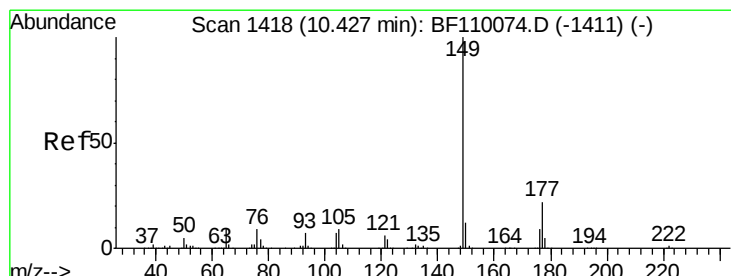
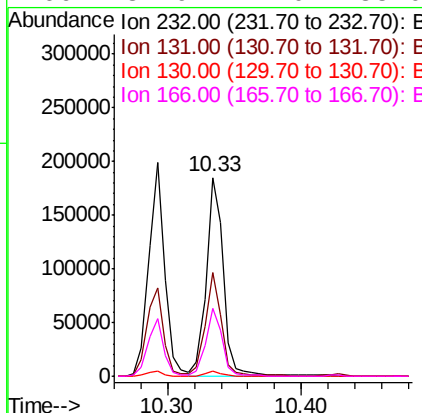
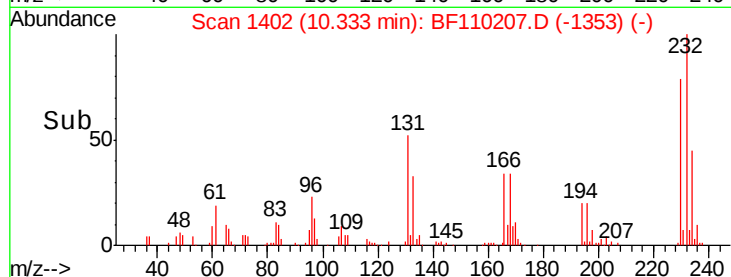
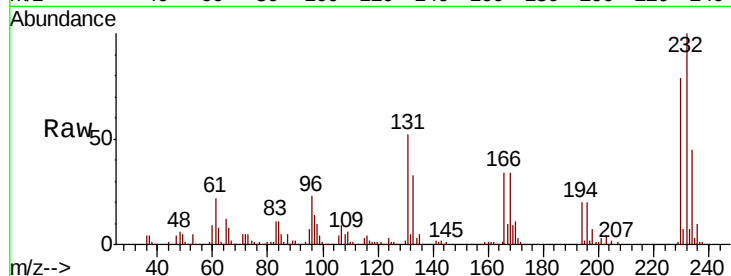
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 39.424 ng
 RT: 10.33 min Scan# 1402
 Delta R.T. -0.01 min
 Lab File: BF110207.D
 Acq: 26 Oct 2018 14:03

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:	232	Resp:	164779
Ion Ratio	Lower	Upper	
232	100		
131	48.4	37.0	55.4
130	2.3	1.8	2.6
166	32.9	22.0	33.0

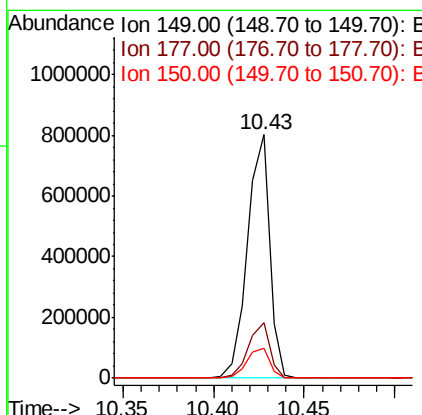
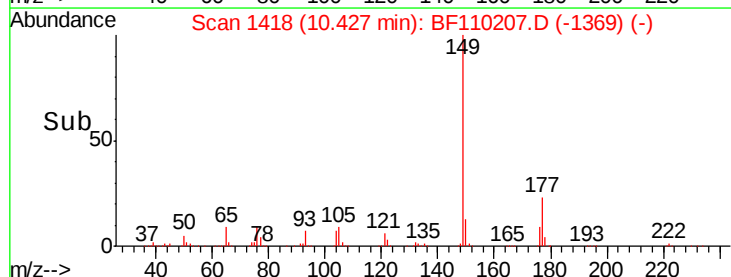
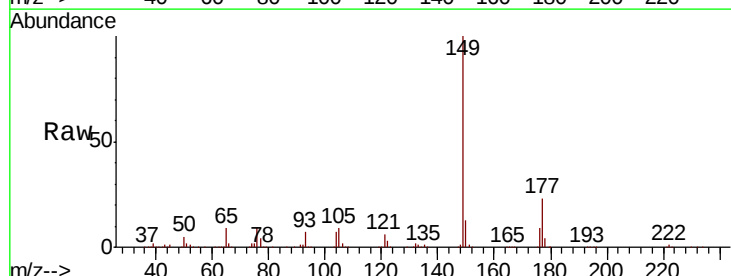
Manual Integrations
 APPROVED

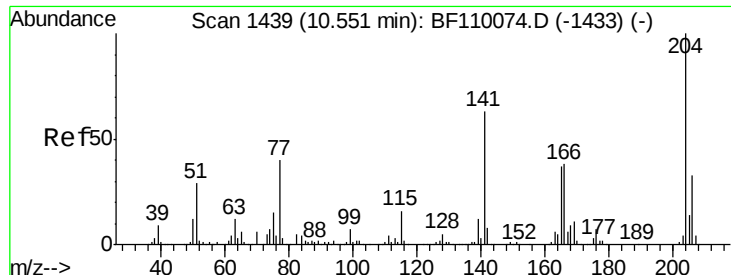
Sohil
 10/29/2018 11:56:37 AM



#60
 Diethylphthalate
 Concen: 39.250 ng
 RT: 10.43 min Scan# 1418
 Delta R.T. -0.01 min
 Lab File: BF110207.D
 Acq: 26 Oct 2018 14:03

Tgt Ion:	149	Resp:	682721
Ion Ratio	Lower	Upper	
149	100		
177	22.8	17.4	26.2
150	12.5	9.8	14.8





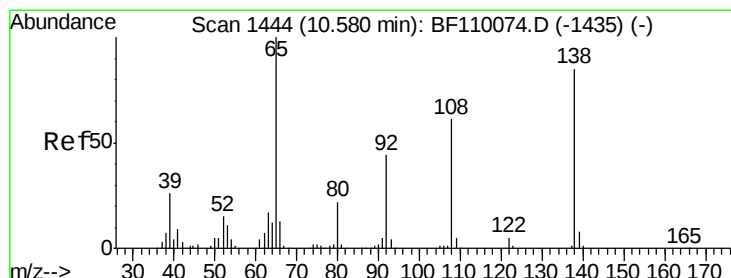
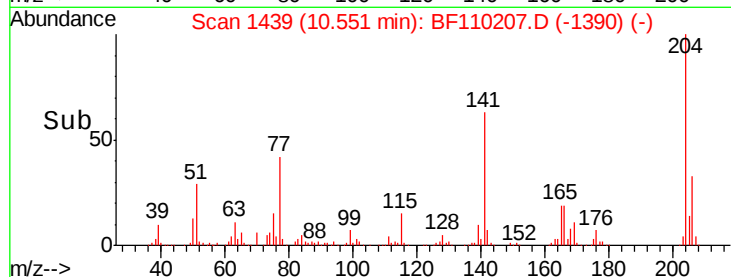
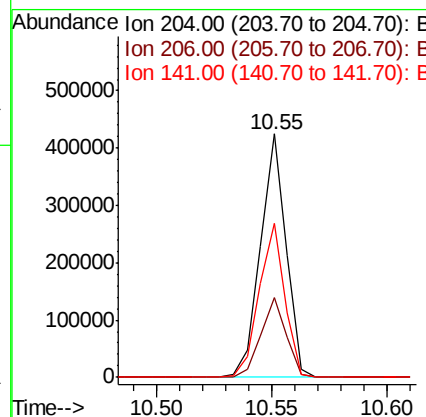
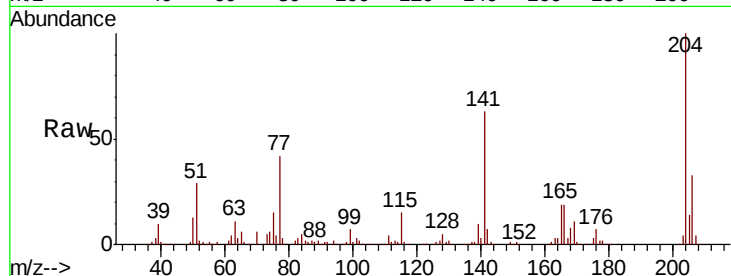
#61
 4-Chlorophenyl-phenylether
 Concen: 39.204 ng
 RT: 10.55 min Scan# 1439
 Delta R.T. -0.01 min
 Lab File: BF110207.D
 Acq: 26 Oct 2018 14:03

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.8	26.5	39.7
141	63.3	51.8	77.8

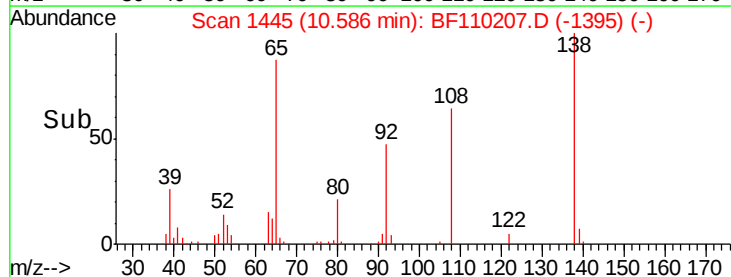
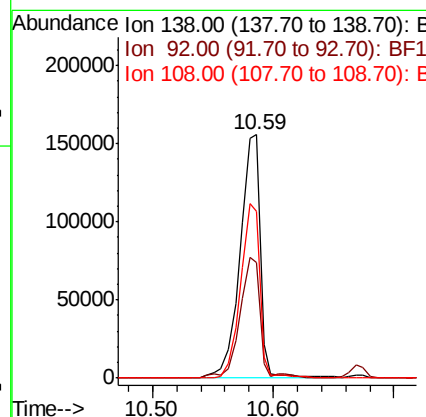
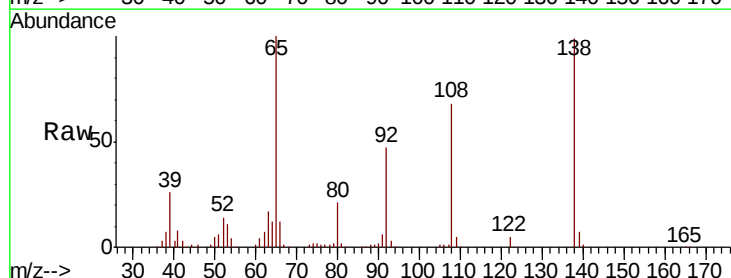
Manual Integrations
 APPROVED

Sohil
 10/29/2018 11:56:37 AM



#62
 4-Nitroaniline
 Concen: 40.580 ng
 RT: 10.59 min Scan# 1445
 Delta R.T. -0.01 min
 Lab File: BF110207.D
 Acq: 26 Oct 2018 14:03

Tgt Ion	Ratio	Lower	Upper
138	100		
92	47.4	31.7	71.7
108	68.3	59.3	99.3





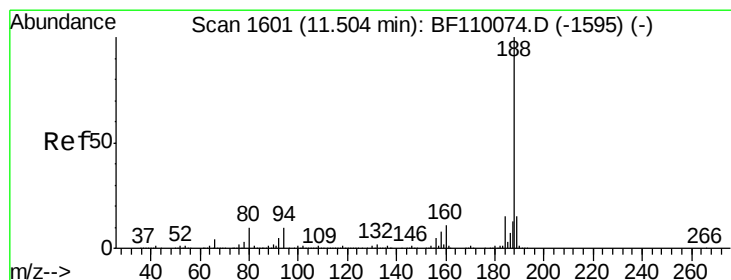
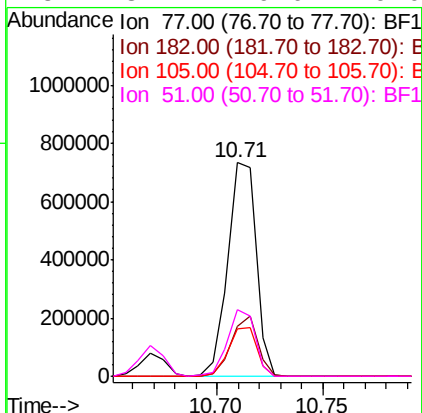
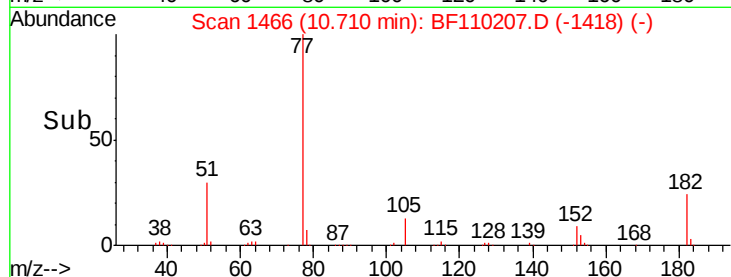
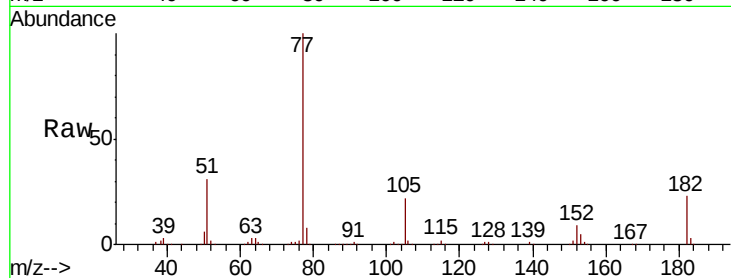
#63
Azobenzene
Concen: 39.366 ng
RT: 10.71 min Scan# 1466
Delta R.T. -0.02 min
Lab File: BF110207.D
Acq: 26 Oct 2018 14:03

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100		679686		
182	23.3	4.3	44.3		
105	22.3	1.3	41.3		
51	31.2	9.0	49.0		

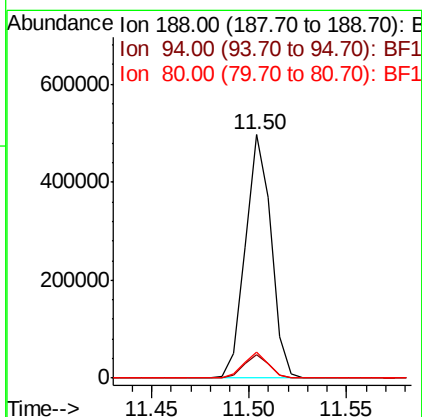
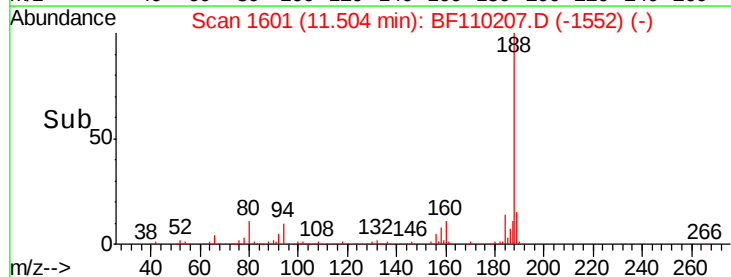
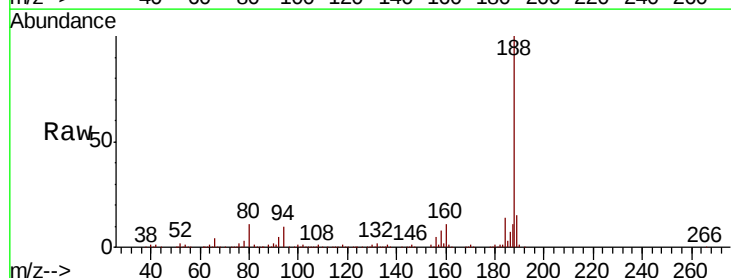
Manual Integrations
APPROVED

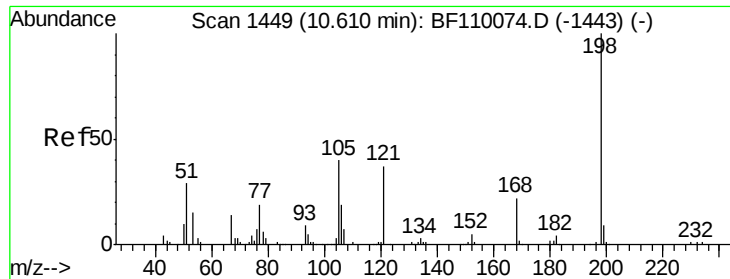
Sohil
10/29/2018 11:56:37 AM



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1601
Delta R.T. -0.01 min
Lab File: BF110207.D
Acq: 26 Oct 2018 14:03

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100		454158		
94	9.5	7.2	10.8		
80	10.7	7.9	11.9		





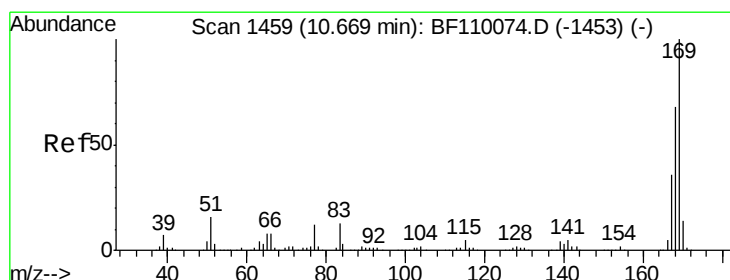
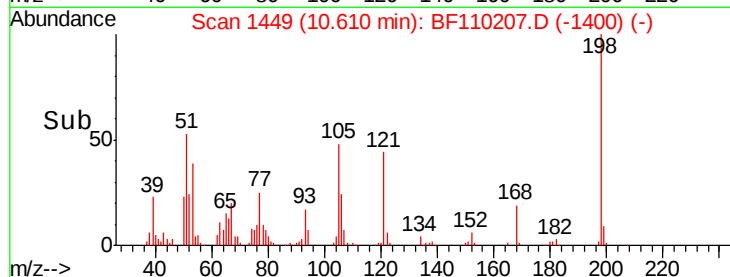
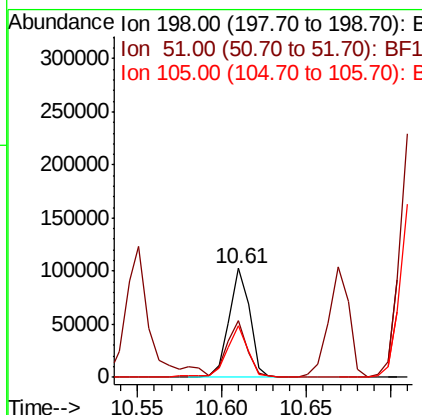
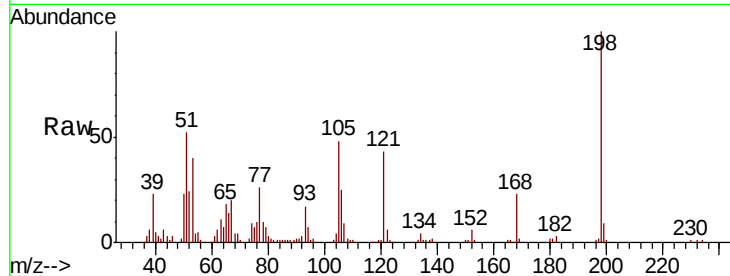
#65
4,6-Dinitro-2-methylphenol
Concen: 42.328 ng
RT: 10.61 min Scan# 1449
Delta R.T. -0.01 min
Lab File: BF110207.D
Acq: 26 Oct 2018 14:03

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
198	100		
51	52.1	22.8	62.8
105	47.8	23.6	63.6

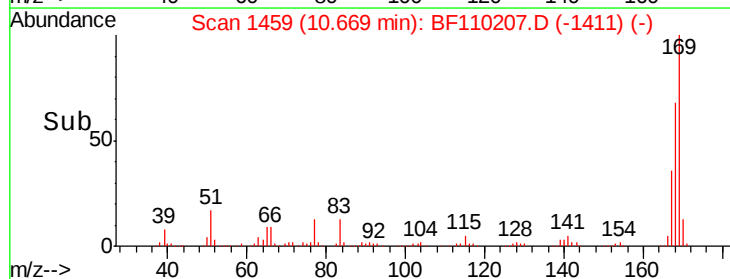
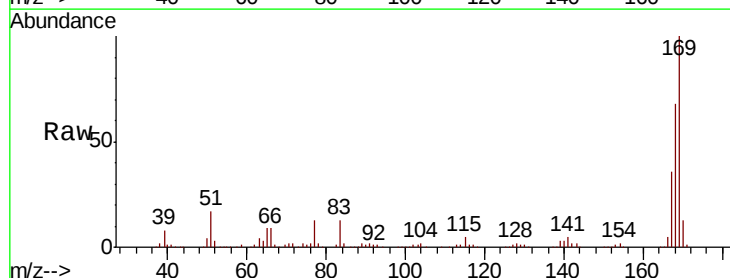
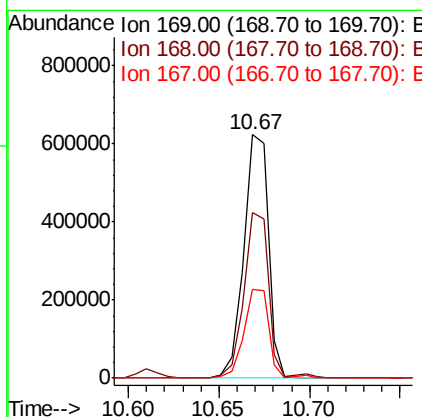
Manual Integrations
APPROVED

Sohil
10/29/2018 11:56:37 AM



#66
n-Nitrosodiphenylamine
Concen: 39.266 ng
RT: 10.67 min Scan# 1459
Delta R.T. -0.02 min
Lab File: BF110207.D
Acq: 26 Oct 2018 14:03

Tgt Ion	Ratio	Lower	Upper
169	100		
168	67.8	51.2	76.8
167	36.2	27.8	41.6





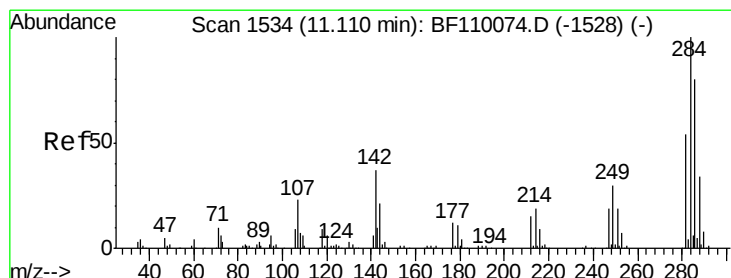
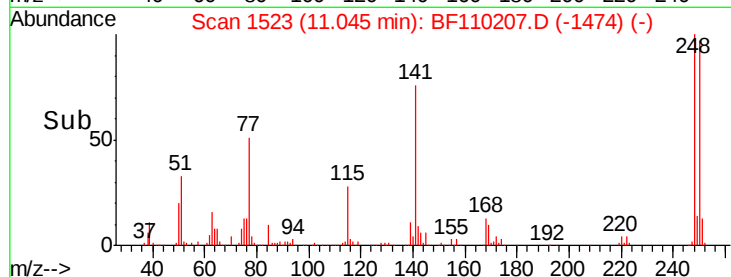
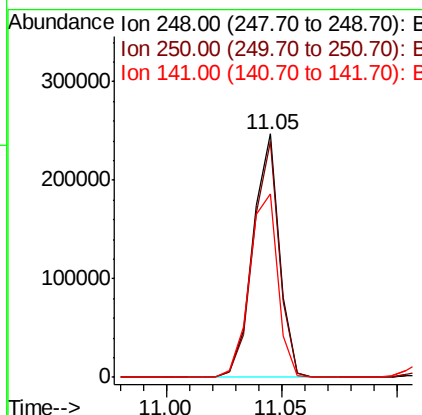
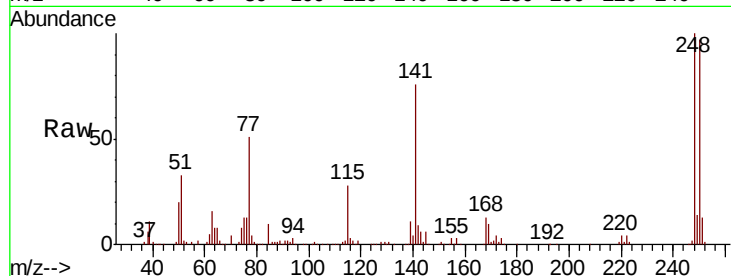
#67
4-Bromophenyl-phenylether
Concen: 40.193 ng
RT: 11.05 min Scan# 1523
Delta R.T. -0.01 min
Lab File: BF110207.D
Acq: 26 Oct 2018 14:03

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
248	100		
250	97.2	79.4	119.2
141	75.6	55.9	83.9

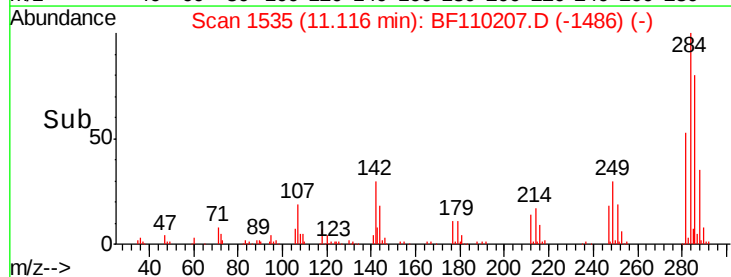
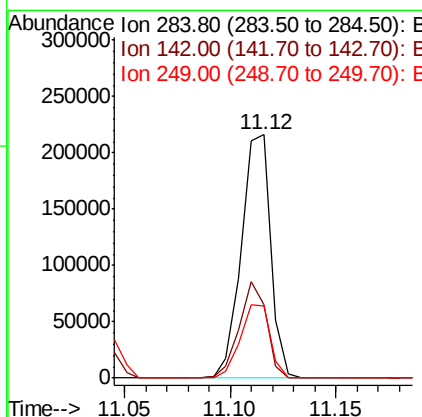
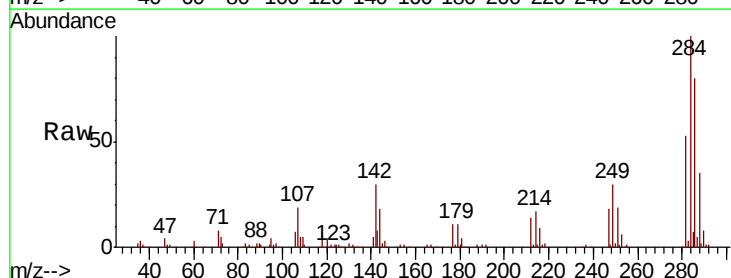
Manual Integrations
APPROVED

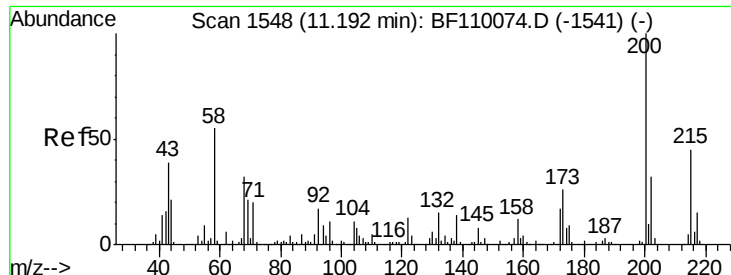
Sohil
10/29/2018 11:56:37 AM



#68
Hexachlorobenzene
Concen: 39.829 ng
RT: 11.12 min Scan# 1535
Delta R.T. -0.01 min
Lab File: BF110207.D
Acq: 26 Oct 2018 14:03

Tgt Ion	Ratio	Lower	Upper
284	100		
142	30.0	23.9	35.9
249	29.6	24.2	36.2





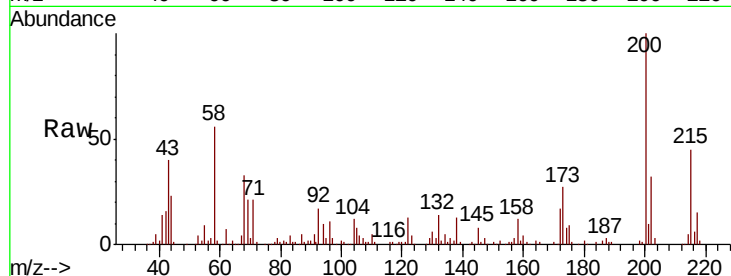
#69
Atrazine
Concen: 40.804 ng
RT: 11.19 min Scan# 1548
Delta R.T. -0.01 min
Lab File: BF110207.D
Acq: 26 Oct 2018 14:03

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp Lower	Upper
200	100		
173	26.6	6.6	46.6
215	45.3	26.3	66.3

Manual Integrations
APPROVED

Sohil
10/29/2018 11:56:37 AM

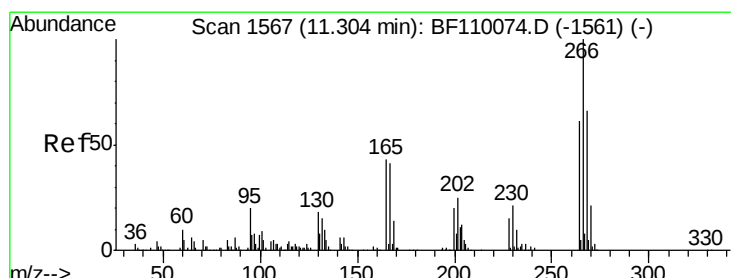
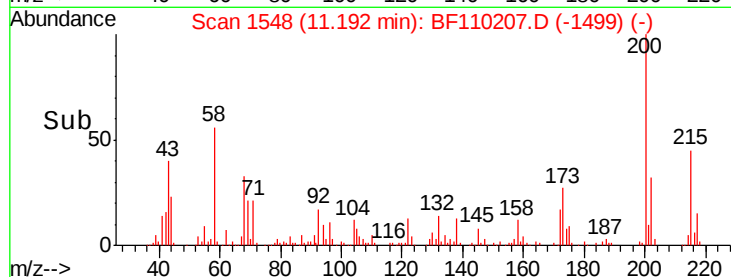
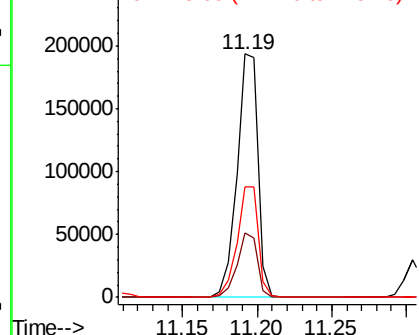


Abundance

Ion 200.00 (199.70 to 200.70): E

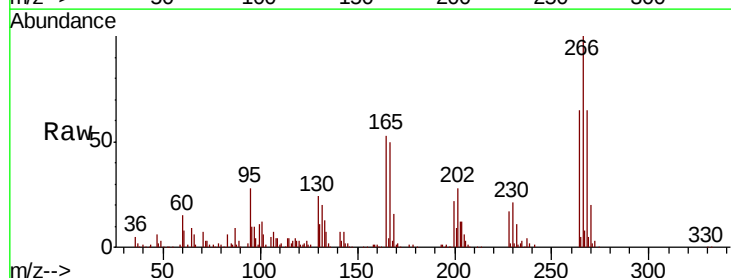
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
Pentachlorophenol
Concen: 42.815 ng
RT: 11.30 min Scan# 1567
Delta R.T. -0.01 min
Lab File: BF110207.D
Acq: 26 Oct 2018 14:03

Tgt Ion	Ratio	Resp Lower	Upper
266	100		
268	64.9	50.6	75.8
264	65.5	50.6	75.8

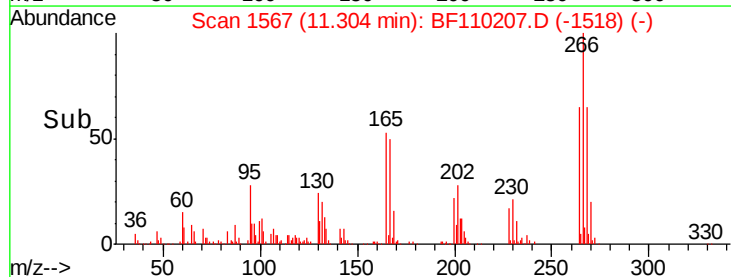
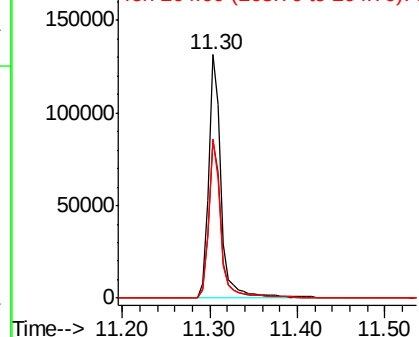


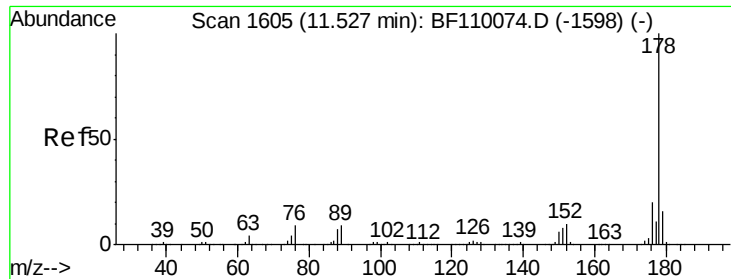
Abundance

Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 39.216 ng

RT: 11.53 min Scan# 1606

Delta R.T. -0.01 min

Lab File: BF110207.D

Acq: 26 Oct 2018 14:03

Instrument :

BNA_F

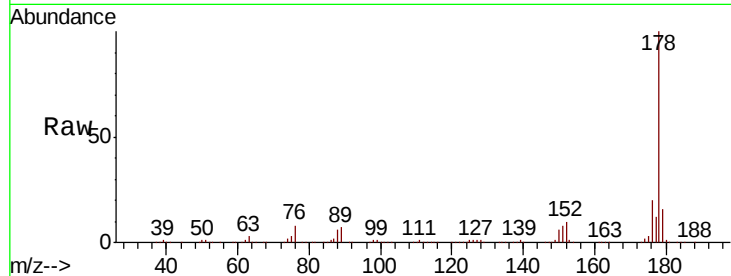
ClientSampleId :

SSTDCCC040

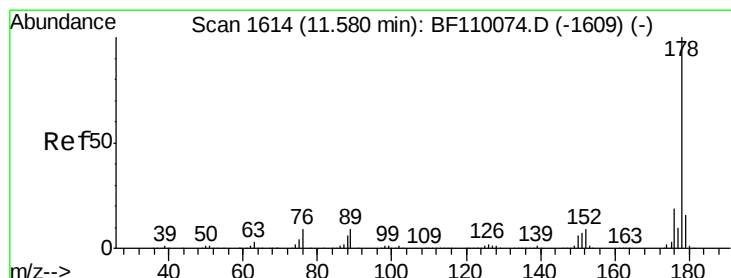
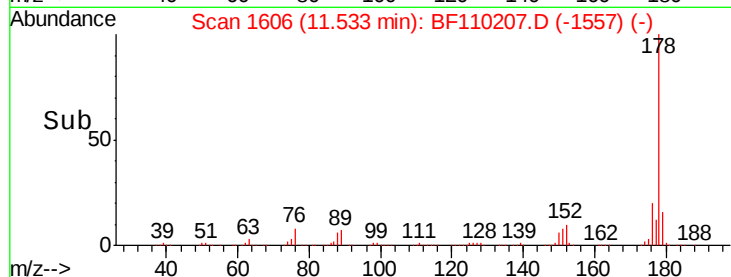
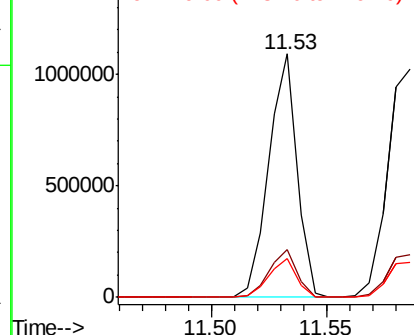
Tot Ion:	178	Resp:	931908
Ion Ratio	Lower	Upper	
178	100		
176	19.7	15.5	23.3
179	15.7	12.5	18.7

Manual Integrations
APPROVED

Sohil
10/29/2018 11:56:37 AM



Abundance Ion 178.00 (177.70 to 178.70): E
1500000
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 39.681 ng

RT: 11.59 min Scan# 1615

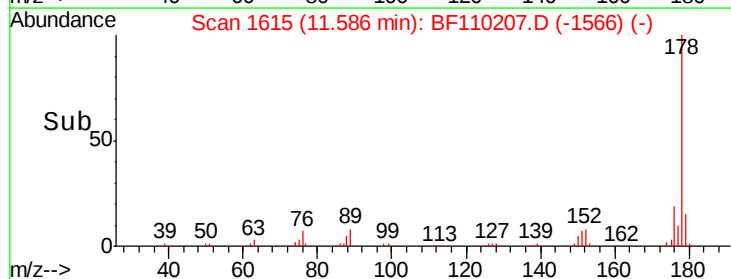
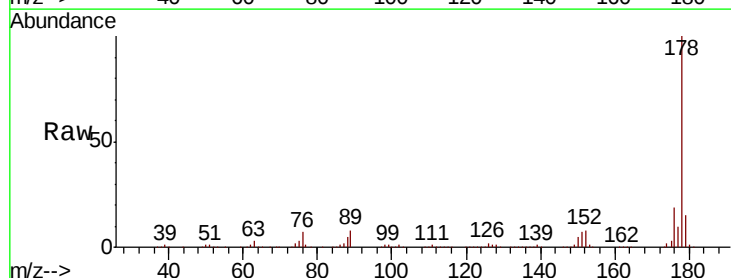
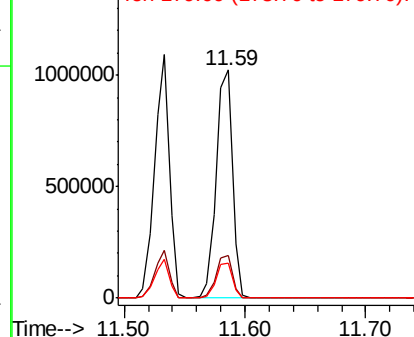
Delta R.T. -0.01 min

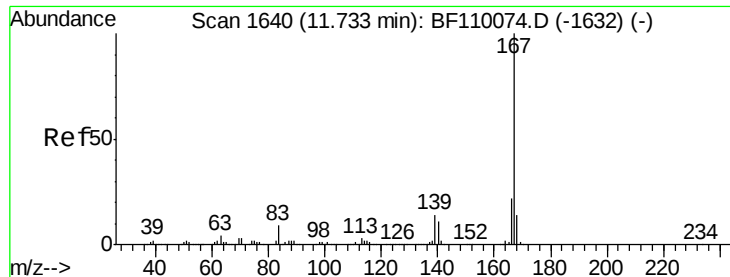
Lab File: BF110207.D

Acq: 26 Oct 2018 14:03

Tgt Ion:	178	Resp:	945170
Ion Ratio	Lower	Upper	
178	100		
176	18.6	15.4	23.2
179	15.5	12.6	18.8

Abundance Ion 178.00 (177.70 to 178.70): E
1500000
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E





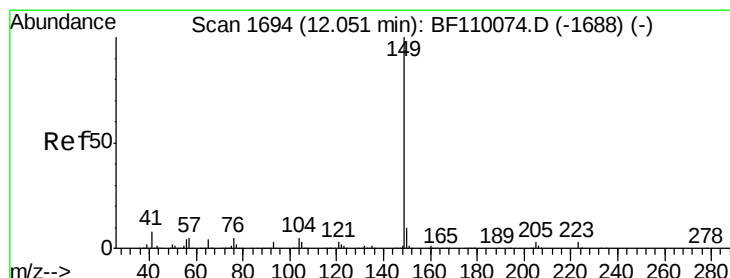
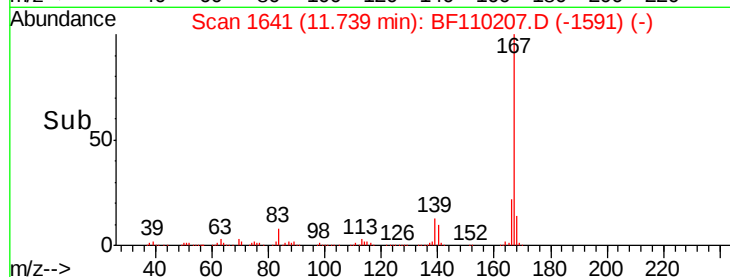
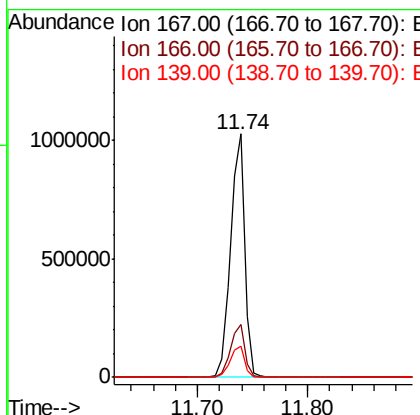
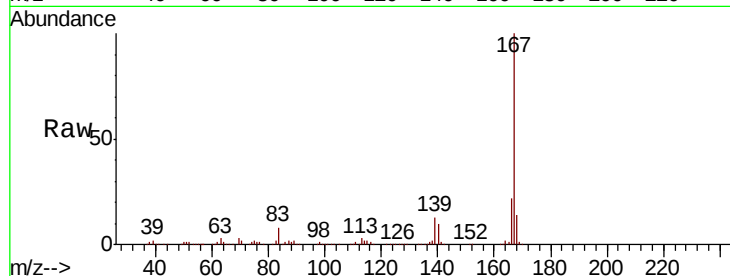
#73
 Carbazole
 Concen: 40.076 ng
 RT: 11.74 min Scan# 1641
 Delta R.T. -0.01 min
 Lab File: BF110207.D
 Acq: 26 Oct 2018 14:03

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
167	100		
166	21.6	17.4	26.0
139	13.0	10.9	16.3

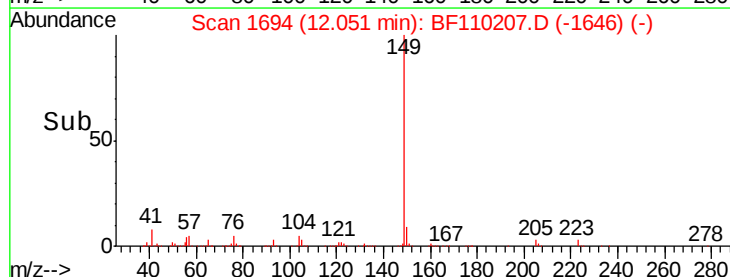
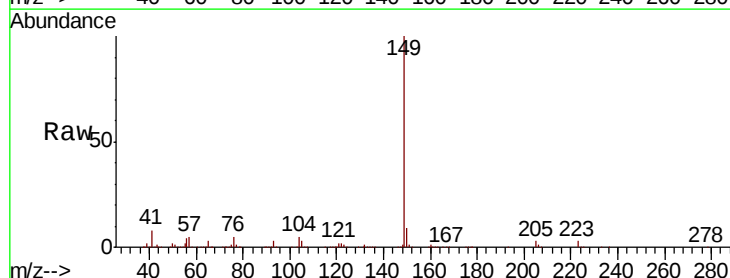
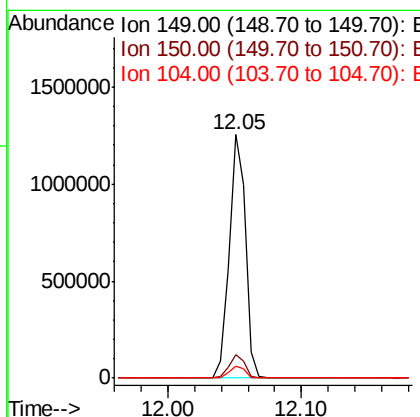
Manual Integrations
 APPROVED

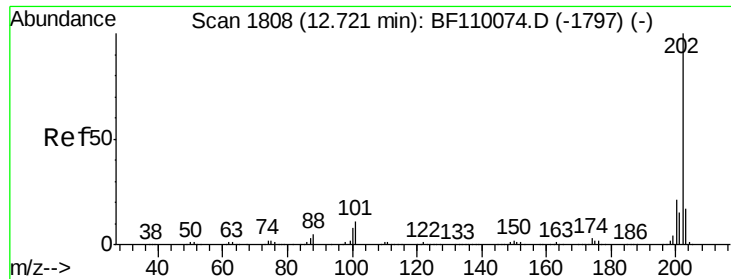
Sohil
 10/29/2018 11:56:37 AM



#74
 Di-n-butylphthalate
 Concen: 40.930 ng
 RT: 12.05 min Scan# 1694
 Delta R.T. -0.02 min
 Lab File: BF110207.D
 Acq: 26 Oct 2018 14:03

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.4	7.7	11.5
104	5.2	4.2	6.4





#75

Fluoranthene

Concen: 40.102 ng

RT: 12.72 min Scan# 1808

Delta R.T. -0.01 min

Lab File: BF110207.D

Acq: 26 Oct 2018 14:03

Instrument :

BNA_F

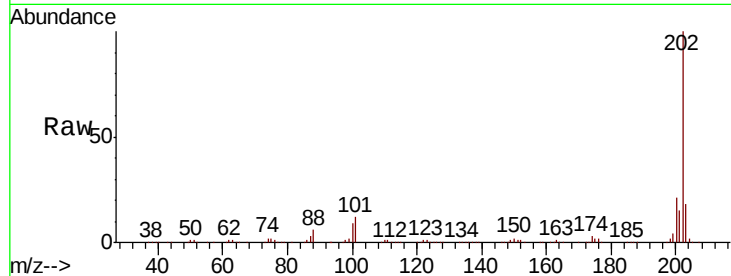
ClientSampled :

SSTDCCC040

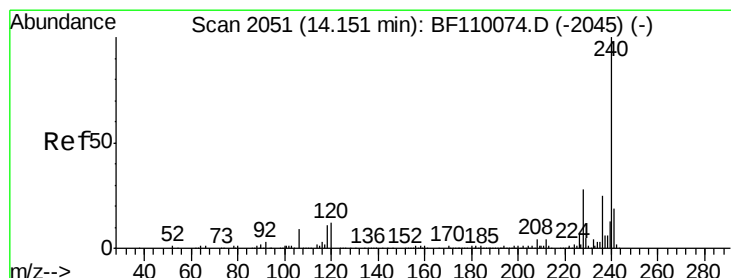
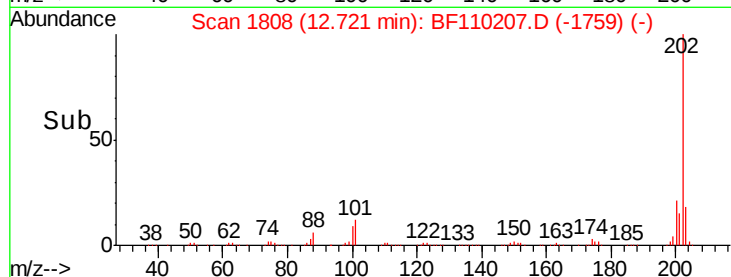
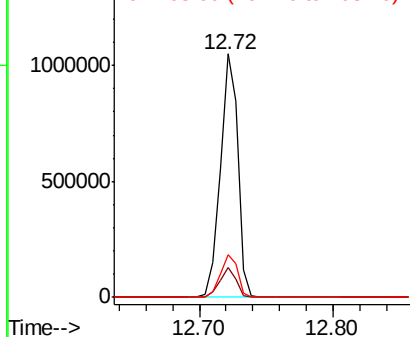
Tot Ion	Ratio	Resp	Lower	Upper
202	100	967156		
101	12.3	0.0	31.4	
203	17.6	0.0	37.7	

Manual Integrations
APPROVED

Sohil
10/29/2018 11:56:37 AM



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

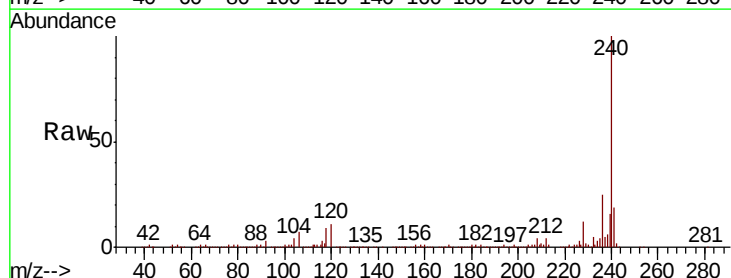
RT: 14.16 min Scan# 2052

Delta R.T. -0.01 min

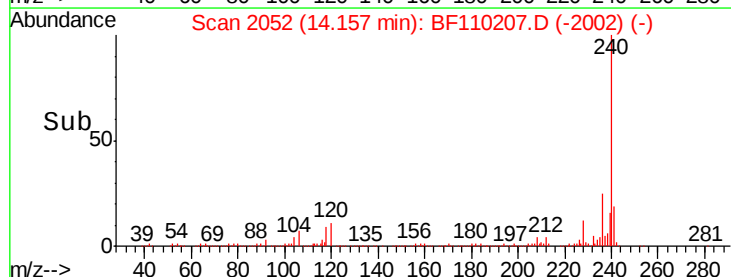
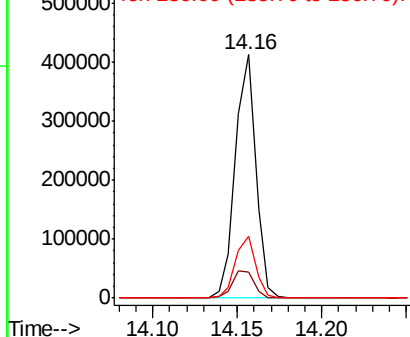
Lab File: BF110207.D

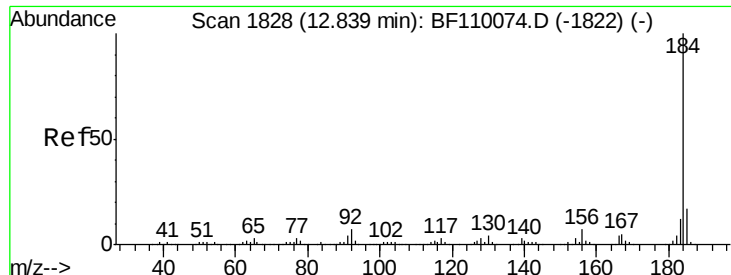
Acq: 26 Oct 2018 14:03

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	346900		
120	10.5	8.3	12.5	
236	25.5	21.2	31.8	



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 51.455 ng

RT: 12.84 min Scan# 1828

Delta R.T. -0.01 min

Lab File: BF110207.D

Acq: 26 Oct 2018 14:03

Instrument :

BNA_F

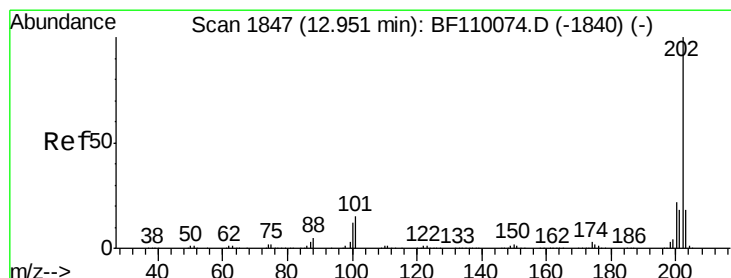
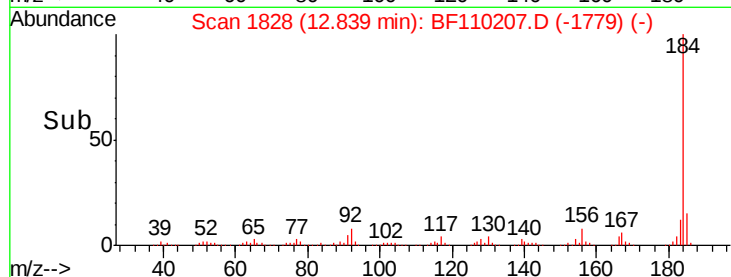
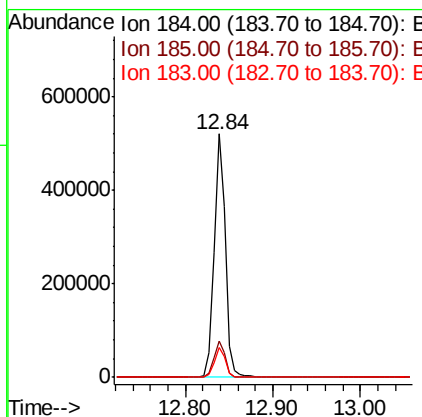
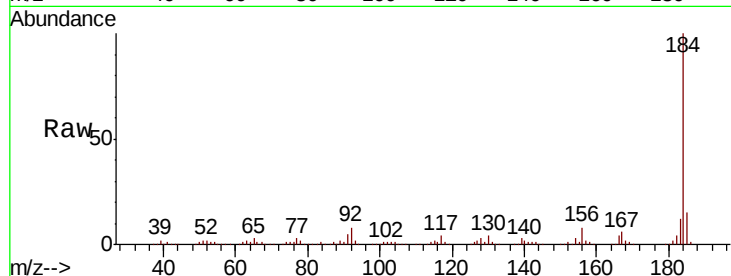
ClientSampleId :

SSTDCCC040

Tot Ion:	184	Resp:	466154
Ion Ratio	Lower	Upper	
184	100		
185	15.1	13.4	20.2
183	12.1	9.4	14.2

Manual Integrations
APPROVED

Sohil
10/29/2018 11:56:37 AM



#78

Pyrene

Concen: 39.951 ng

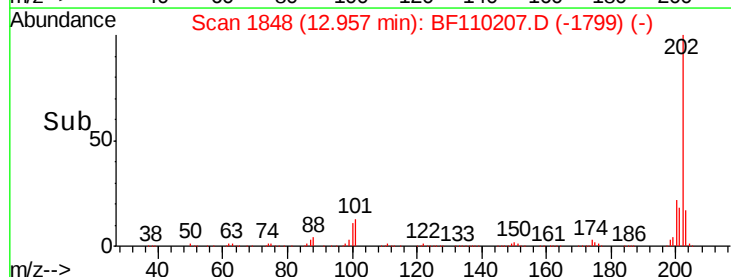
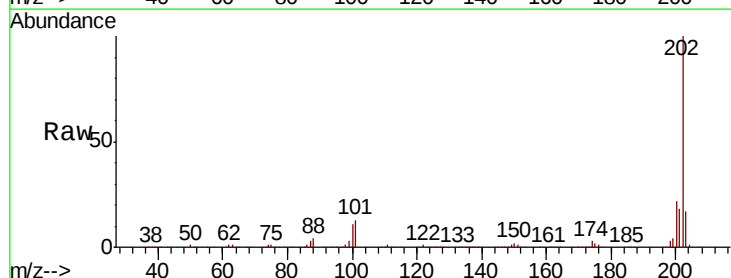
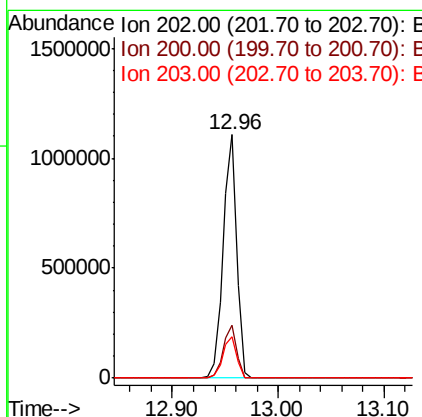
RT: 12.96 min Scan# 1848

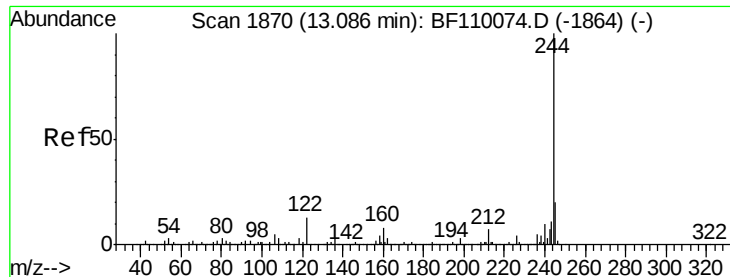
Delta R.T. -0.01 min

Lab File: BF110207.D

Acq: 26 Oct 2018 14:03

Tgt Ion:	202	Resp:	993573
Ion Ratio	Lower	Upper	
202	100		
200	21.6	17.8	26.6
203	17.1	14.2	21.4





#79

Terphenyl-d14

Concen: 78.666 ng

RT: 13.09 min Scan# 1871

Delta R.T. -0.01 min

Lab File: BF110207.D

Acq: 26 Oct 2018 14:03

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:244 Resp: 1312164

Ion Ratio Lower Upper

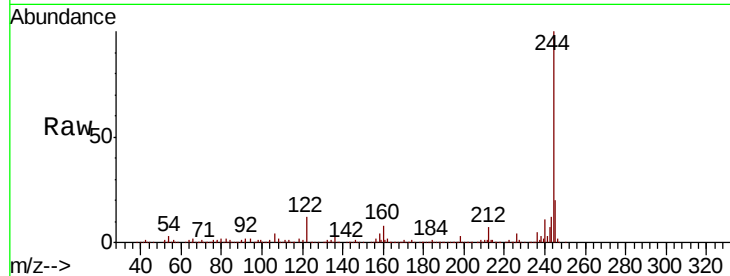
244 100

212 7.3 5.8 8.8

122 12.3 8.7 13.1

Manual Integrations
APPROVED

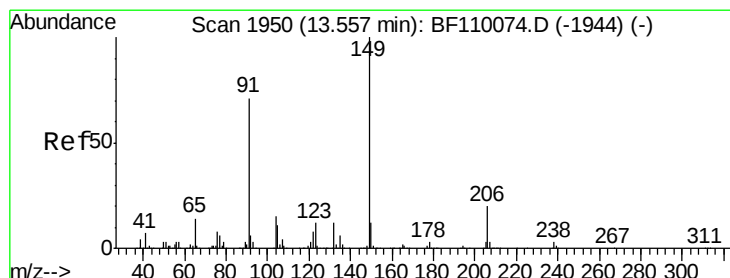
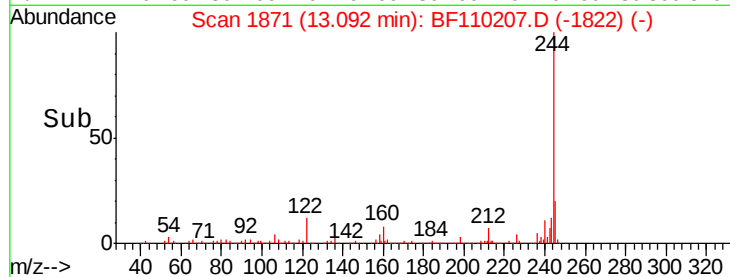
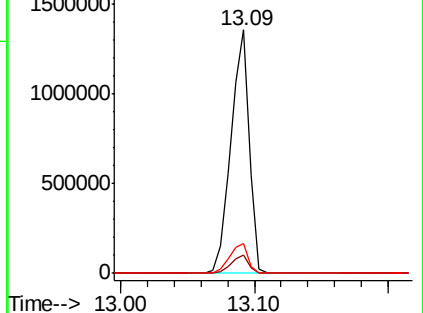
Sohil
10/29/2018 11:56:37 AM



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 41.437 ng

RT: 13.56 min Scan# 1950

Delta R.T. -0.01 min

Lab File: BF110207.D

Acq: 26 Oct 2018 14:03

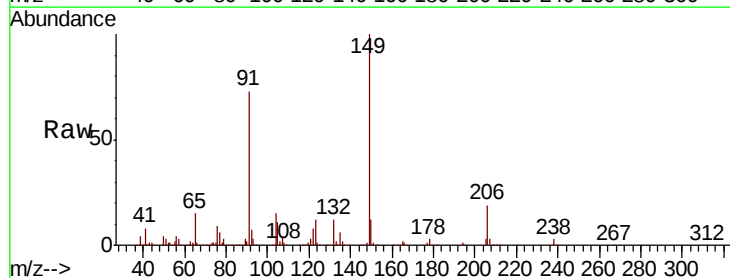
Tgt Ion:149 Resp: 447293

Ion Ratio Lower Upper

149 100

91 72.6 57.2 85.8

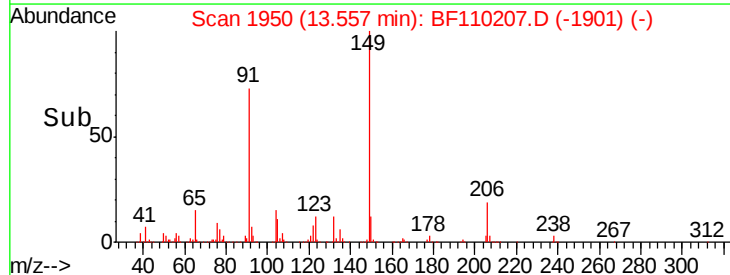
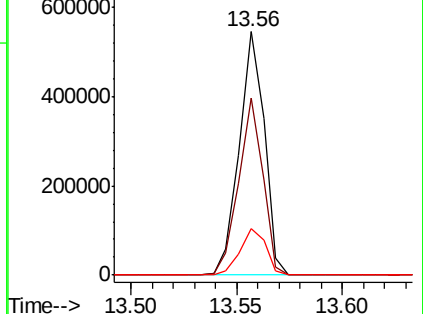
206 19.2 15.7 23.5



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 39.662 ng

RT: 14.14 min Scan# 2050

Delta R.T. -0.01 min

Lab File: BF110207.D

Acq: 26 Oct 2018 14:03

Instrument :

BNA_F

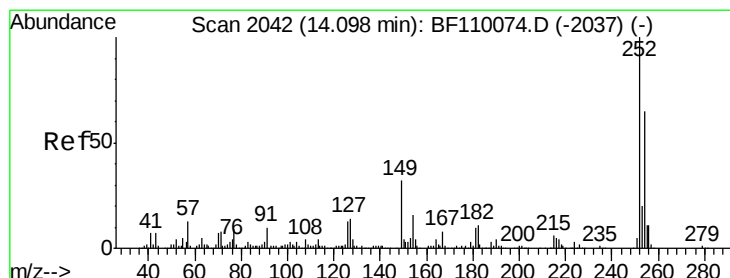
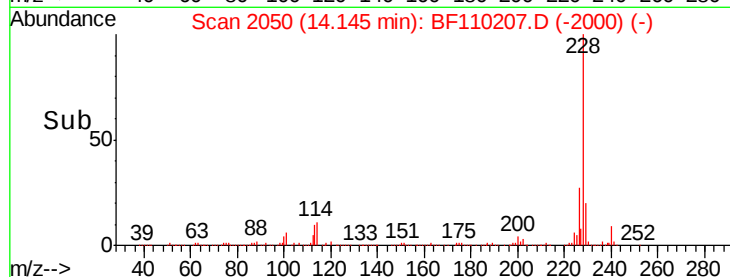
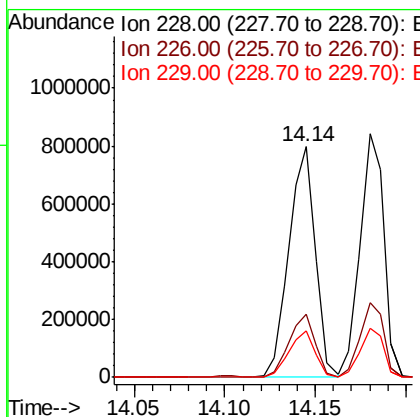
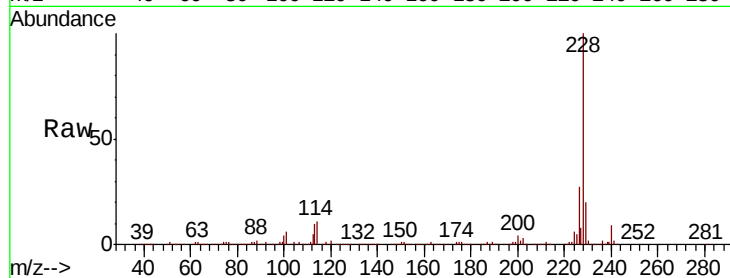
ClientSampleId :

SSTDCCC040

Tot Ion:	228	Resp:	815928
Ion Ratio	Lower	Upper	
228	100		
226	27.2	22.1	33.1
229	20.2	15.6	23.4

Manual Integrations
APPROVED

Sohil
10/29/2018 11:56:37 AM



#82

3,3'-Dichlorobenzidine

Concen: 40.150 ng

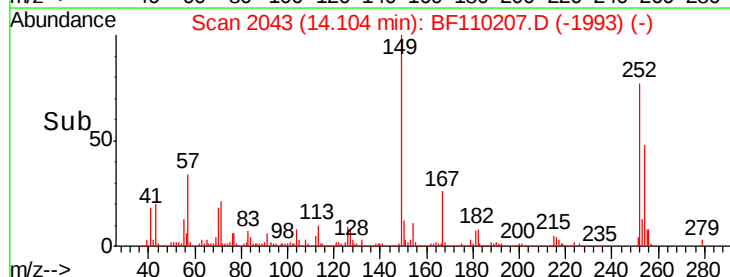
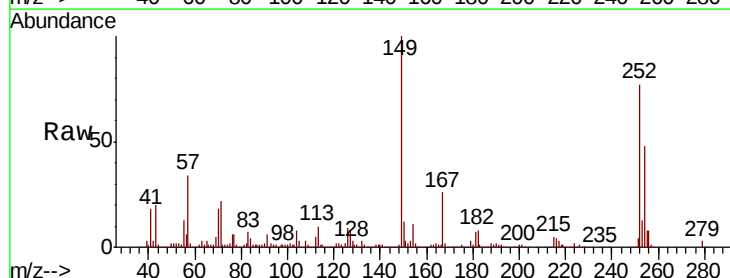
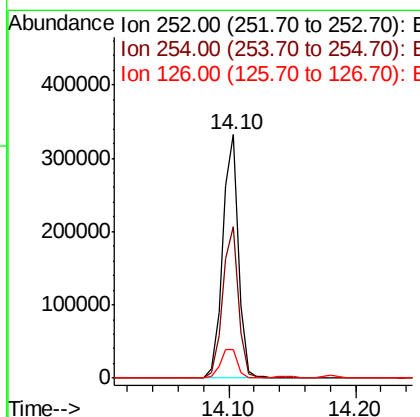
RT: 14.10 min Scan# 2043

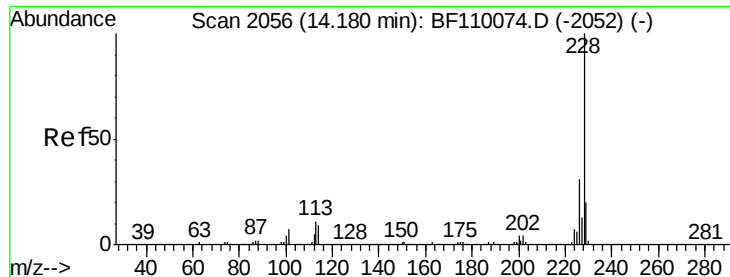
Delta R.T. -0.01 min

Lab File: BF110207.D

Acq: 26 Oct 2018 14:03

Tgt Ion:	252	Resp:	287616
Ion Ratio	Lower	Upper	
252	100		
254	62.3	51.3	76.9
126	11.6	9.4	14.2





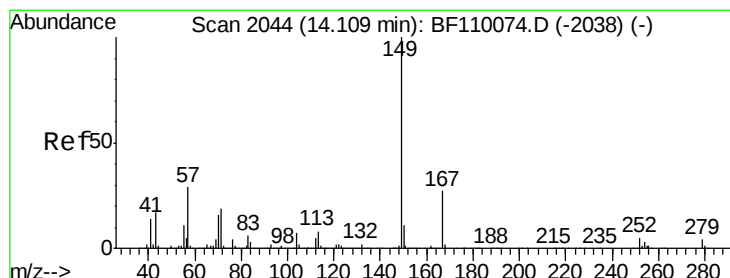
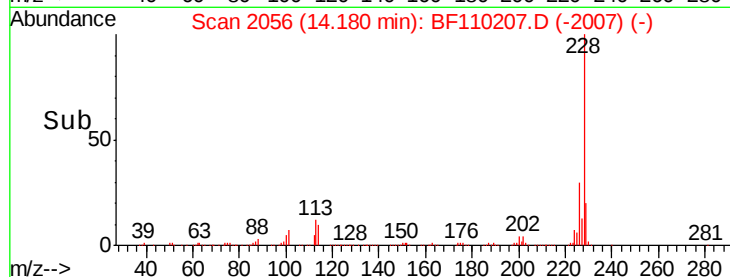
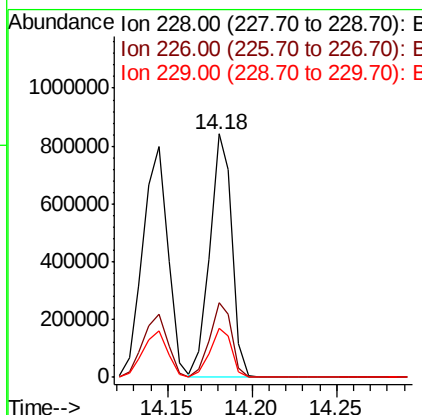
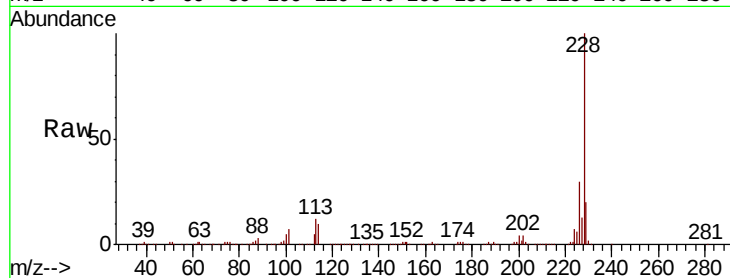
#83
 Chrysene
 Concen: 39.480 ng
 RT: 14.18 min Scan# 2056
 Delta R.T. -0.01 min
 Lab File: BF110207.D
 Acq: 26 Oct 2018 14:03

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.4	24.7	37.1
229	20.1	15.9	23.9

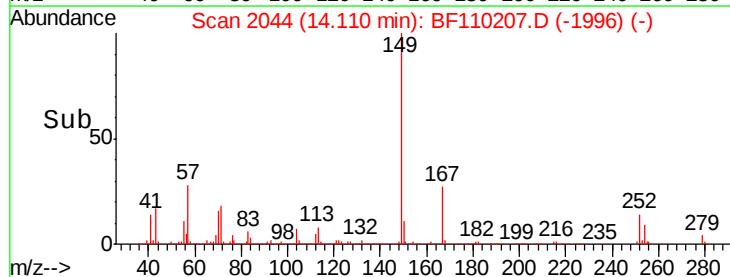
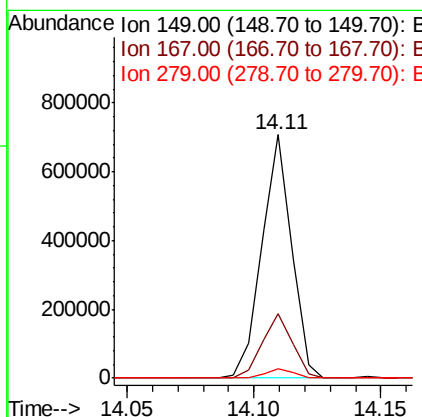
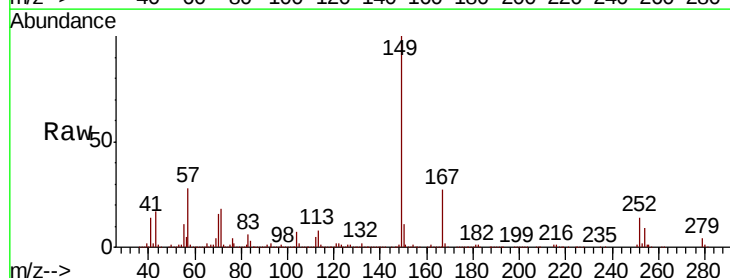
Manual Integrations
 APPROVED

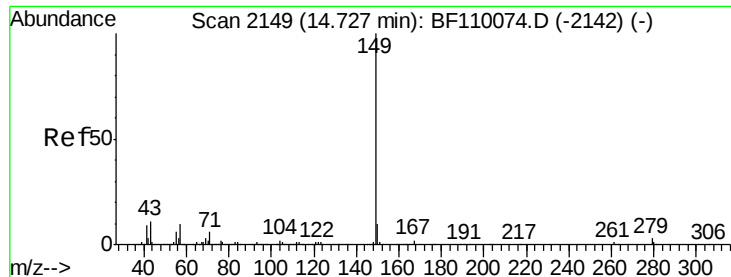
Sohil
 10/29/2018 11:56:37 AM



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 39.412 ng
 RT: 14.11 min Scan# 2044
 Delta R.T. -0.02 min
 Lab File: BF110207.D
 Acq: 26 Oct 2018 14:03

Tgt Ion	Ratio	Lower	Upper
149	100		
167	26.7	19.8	29.8
279	3.6	2.7	4.1





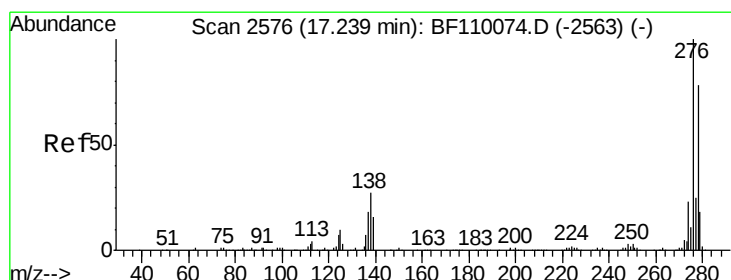
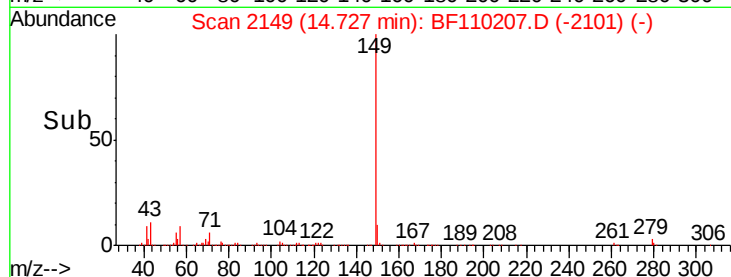
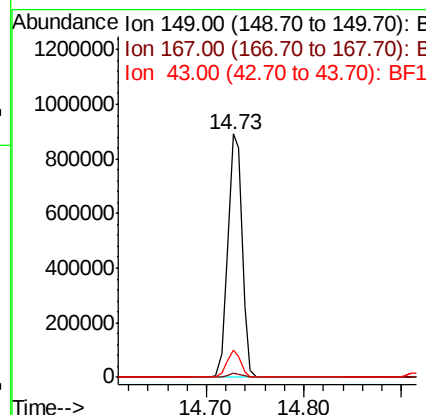
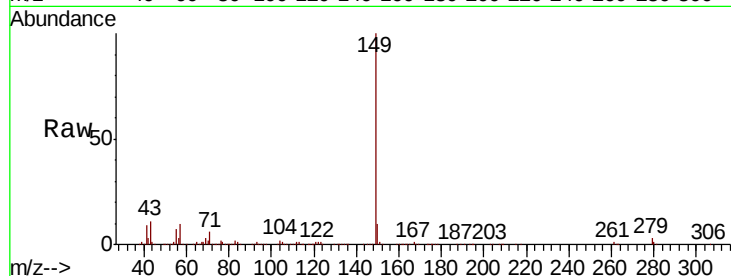
#85
Di-n-octyl phthalate
Concen: 39.798 ng
RT: 14.73 min Scan# 2149
Delta R.T. -0.02 min
Lab File: BF110207.D
Acq: 26 Oct 2018 14:03

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.1	1.7
43	10.3	7.8	11.8

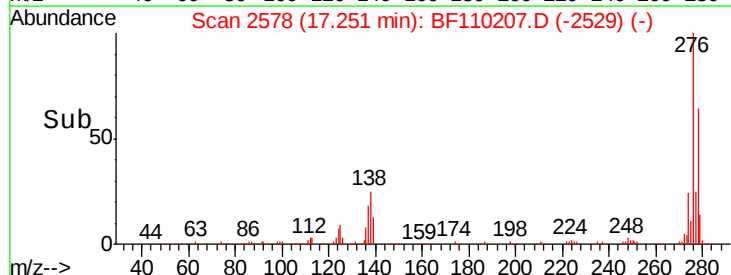
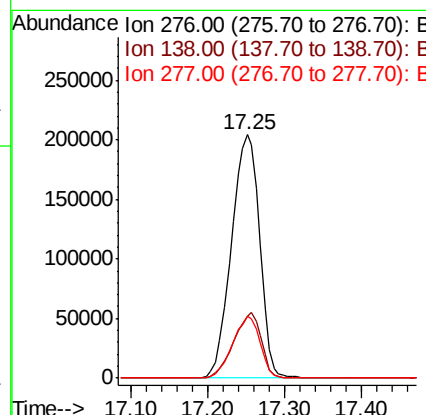
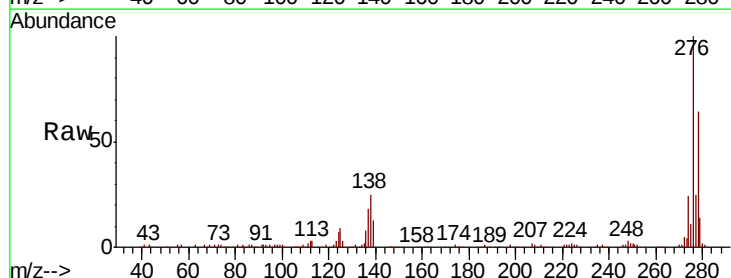
Manual Integrations
APPROVED

Sohil
10/29/2018 11:56:37 AM



#86
Indeno(1,2,3-cd)pyrene
Concen: 32.181 ng
RT: 17.25 min Scan# 2578
Delta R.T. -0.01 min
Lab File: BF110207.D
Acq: 26 Oct 2018 14:03

Tgt Ion	Ratio	Lower	Upper
276	100		
138	26.4	18.5	27.7
277	24.8	20.0	30.0





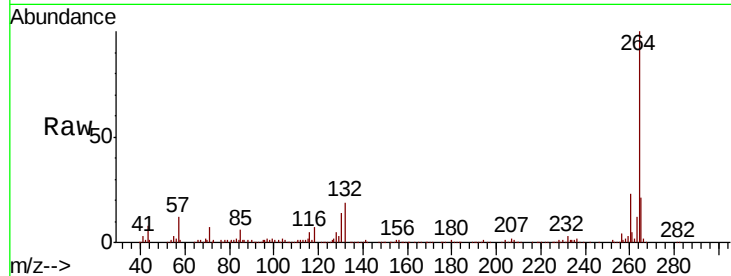
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.68 min Scan# 2311
Delta R.T. -0.01 min
Lab File: BF110207.D
Acq: 26 Oct 2018 14:03

Instrument :
BNA_F
ClientSampled :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.2	18.7	28.1
265	21.1	16.7	25.1

Manual Integrations
APPROVED

Sohil
10/29/2018 11:56:37 AM

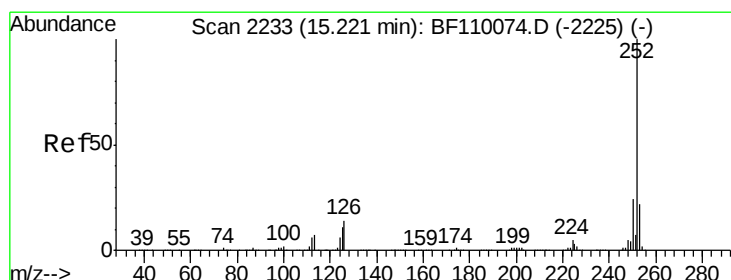
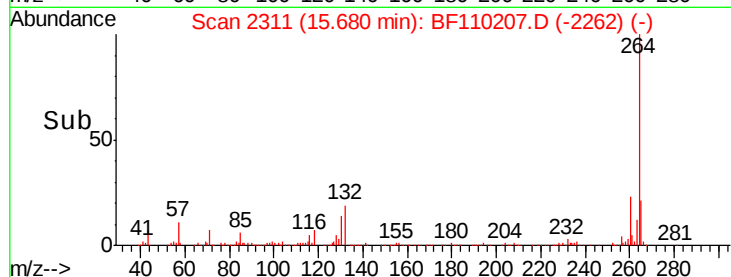
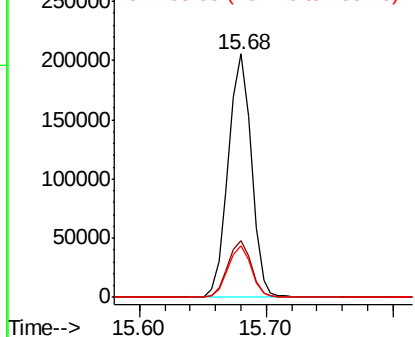


Abundance

Ion 264.00 (263.70 to 264.70): E

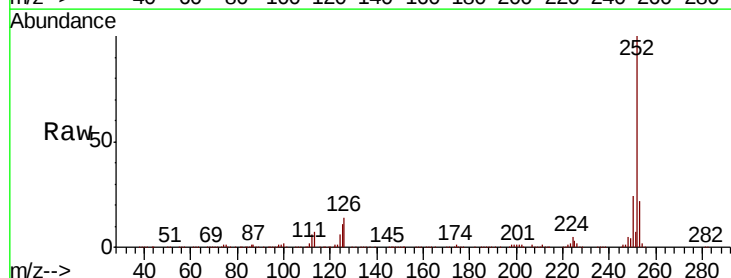
Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88
Benzo(b)fluoranthene
Concen: 40.769 ng
RT: 15.23 min Scan# 2234
Delta R.T. -0.01 min
Lab File: BF110207.D
Acq: 26 Oct 2018 14:03

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.5	17.2	25.8
125	10.5	8.2	12.4

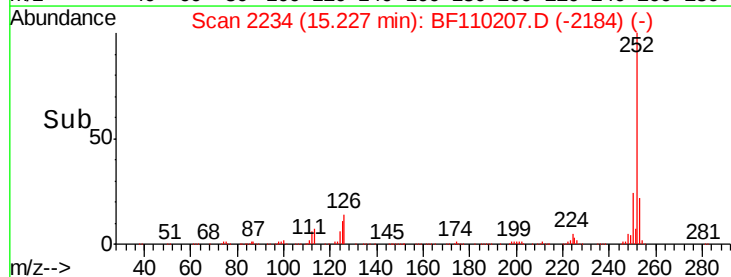
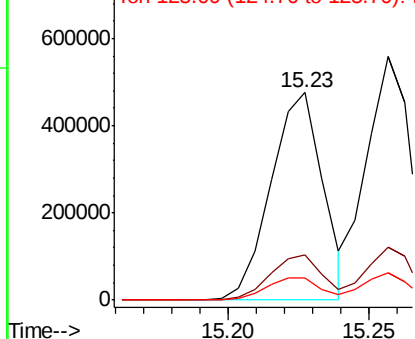


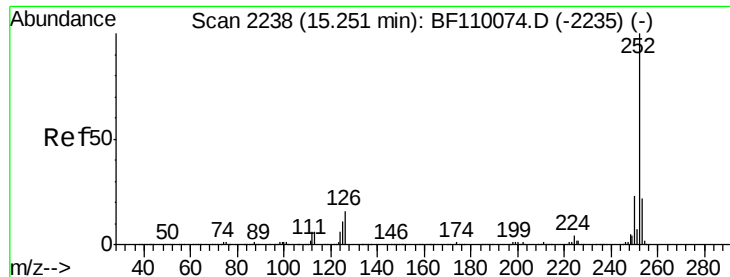
Abundance

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





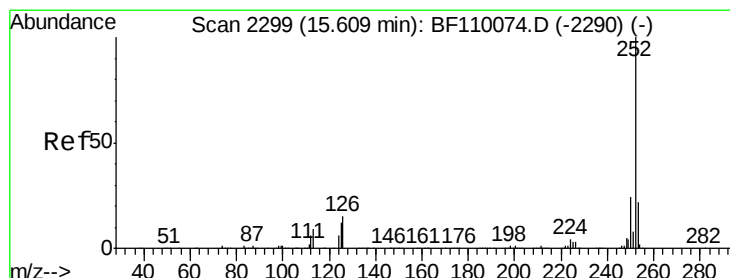
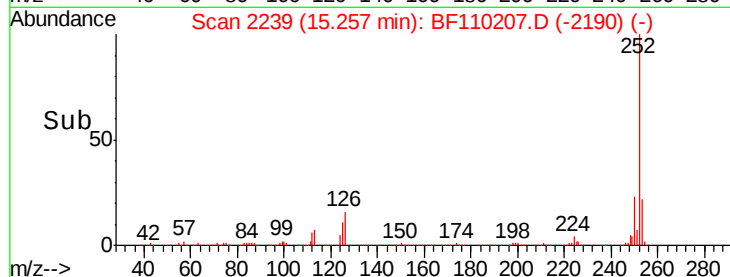
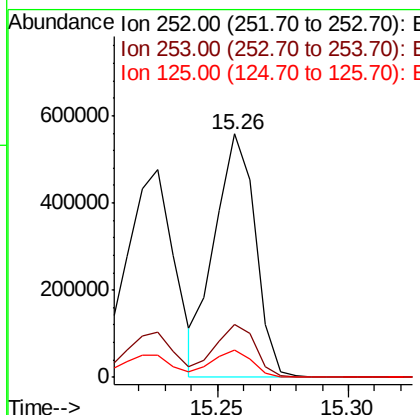
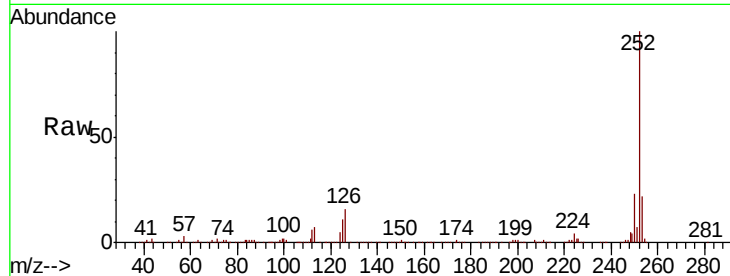
#89
Benzo(k)fluoranthene
Concen: 41.408 ng m
RT: 15.26 min Scan# 2239
Delta R.T. -0.01 min
Lab File: BF110207.D
Acq: 26 Oct 2018 14:03

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.2	25.8
125	11.4	7.4	11.0

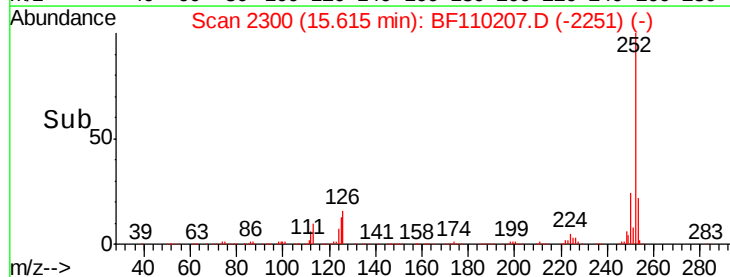
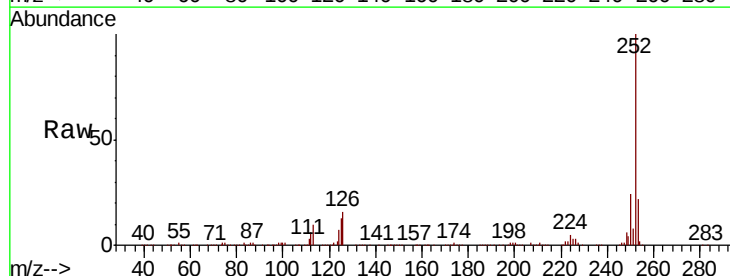
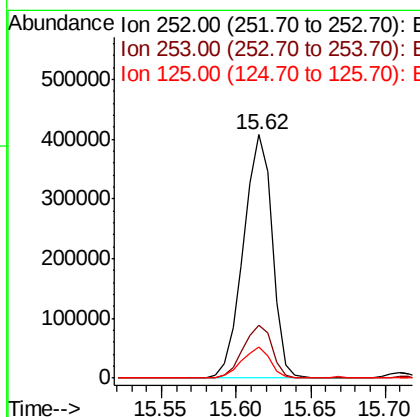
Manual Integrations
APPROVED

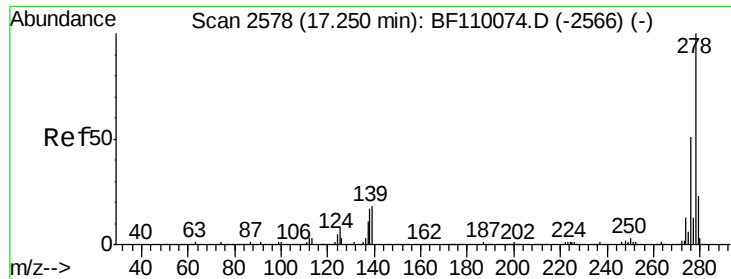
Sohil
10/29/2018 11:56:37 AM



#90
Benzo(a)pyrene
Concen: 39.695 ng
RT: 15.62 min Scan# 2300
Delta R.T. -0.01 min
Lab File: BF110207.D
Acq: 26 Oct 2018 14:03

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.6	18.2	27.4
125	12.7	9.0	13.6





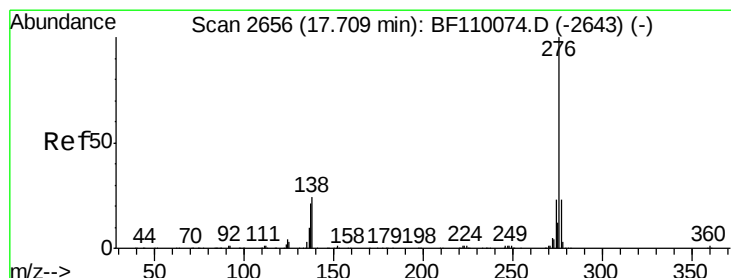
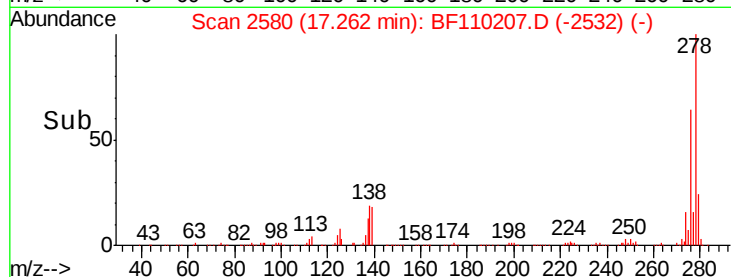
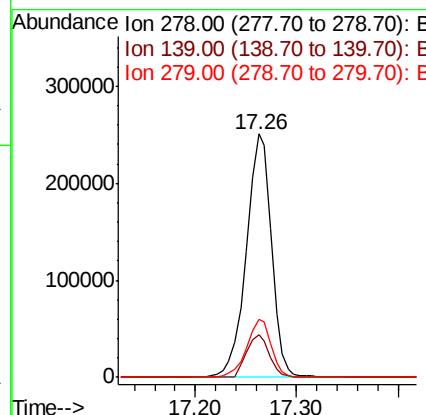
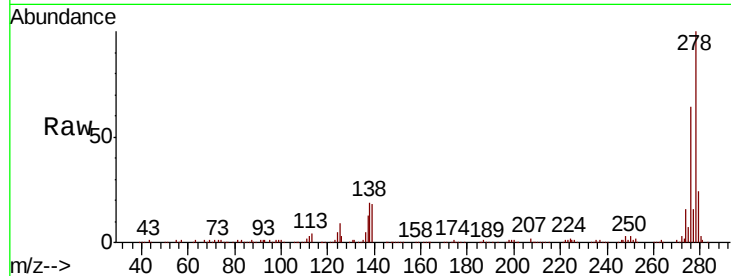
#91
Dibenzo(a,h)anthracene
Concen: 36.469 ng
RT: 17.26 min Scan# 2580
Delta R.T. -0.02 min
Lab File: BF110207.D
Acq: 26 Oct 2018 14:03

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
278	100		
139	17.8	12.7	19.1
279	23.8	19.0	28.4

Manual Integrations
APPROVED

Sohil
10/29/2018 11:56:37 AM



#92
Benzo(g,h,i)perylene
Concen: 36.505 ng
RT: 17.73 min Scan# 2659
Delta R.T. -0.01 min
Lab File: BF110207.D
Acq: 26 Oct 2018 14:03

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.4	18.8	28.2
138	23.7	16.0	24.0

