

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121218\
 Data File : BF111322.D
 Acq On : 12 Dec 2018 15:33
 Operator : JU/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

Sohil
 12/13/2018 6:06:00 PM

Quant Time: Dec 13 01:34:56 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF121218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 12 13:16:52 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	340476	20.00	ng	0.00
21) Naphthalene-d8	8.08	136	1395953	20.00	ng	0.00
39) Acenaphthene-d10	9.83	164	645000	20.00	ng	0.00
64) Phenanthrene-d10	11.32	188	1102792	20.00	ng	0.00
76) Chrysene-d12	13.95	240	714557	20.00	ng	0.00
87) Perylene-d12	15.39	264	584207	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.40	112	1640461	81.48	ng	0.00
7) Phenol-d6	6.43	99	2135289	78.66	ng	0.00
23) Nitrobenzene-d5	7.36	82	2017022	81.44	ng	0.00
42) 2,4,6-Tribromophenol	10.62	330	453982	79.85	ng	0.00
45) 2-Fluorobiphenyl	9.16	172	3234606	80.51	ng	0.00
79) Terphenyl-d14	12.90	244	2587378	79.69	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.52	88	388713	38.650	ng	98
3) Pyridine	3.25	79	1037270	41.984	ng	98
4) n-Nitrosodimethylamine	3.19	42	469691	40.753	ng	91
6) Aniline	6.46	93	1402418	42.703	ng	98
8) 2-Chlorophenol	6.58	128	982451	39.699	ng	99
9) Benzaldehyde	6.34	77	606535	38.880	ng	98
10) Phenol	6.45	94	1226794	39.894	ng	87
11) bis(2-Chloroethyl)ether	6.53	93	958257	39.610	ng	98
12) 1,3-Dichlorobenzene	6.73	146	1052380	39.281	ng	98
13) 1,4-Dichlorobenzene	6.81	146	1066988	39.343	ng	98
14) 1,2-Dichlorobenzene	6.97	146	984785	39.251	ng	99
15) Benzyl Alcohol	6.94	79	824486	39.664	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.07	45	1874680	39.999	ng	99
17) 2-Methylphenol	7.05	107	793243	39.668	ng	97
18) Hexachloroethane	7.31	117	395119	39.243	ng	95
19) n-Nitroso-di-n-propylamine	7.22	70	708949	39.301	ng	96
20) 3+4-Methylphenols	7.20	107	948703	39.782	ng	97
22) Acetophenone	7.20	105	1266914	39.071	ng	100
24) Nitrobenzene	7.37	77	1038163	40.695	ng	99
25) Isophorone	7.62	82	1681110	39.960	ng	99
26) 2-Nitrophenol	7.69	139	531103	42.354	ng	100
27) 2,4-Dimethylphenol	7.73	122	761906	40.027	ng	98
28) bis(2-Chloroethoxy)methane	7.83	93	1149416	39.805	ng	99
29) 2,4-Dichlorophenol	7.93	162	812440	40.916	ng	98
30) 1,2,4-Trichlorobenzene	8.02	180	814121	39.903	ng	99
31) Naphthalene	8.10	128	2577655	39.633	ng	98
32) Benzoic acid	7.86	122	714287m	45.140	ng	
33) 4-Chloroaniline	8.15	127	1169531	42.106	ng	99
34) Hexachlorobutadiene	8.22	225	454997	40.199	ng	98
35) Caprolactam	8.53	113	283855	40.797	ng	99
36) 4-Chloro-3-methylphenol	8.63	107	850351	40.188	ng	97
37) 2-Methylnaphthalene	8.79	142	1666791	39.645	ng	99
38) 1-Methylnaphthalene	8.89	142	1604844	39.550	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.96	216	715484	39.464	ng	99

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121218\
 Data File : BF111322.D
 Acq On : 12 Dec 2018 15:33
 Operator : JU/SJ
 Sample : SSTDC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleID :
 SSTDC040

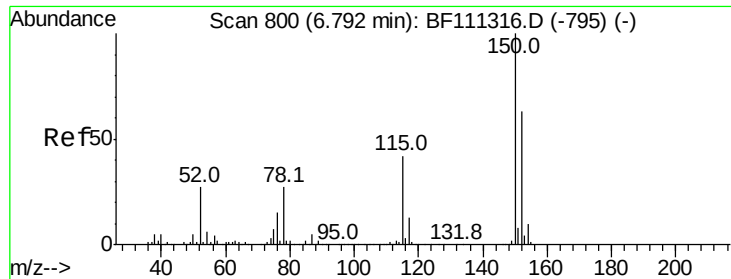
Manual Integrations
 APPROVED

Sohil
 12/13/2018 6:06:00 PM

Quant Time: Dec 13 01:34:56 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF121218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 12 13:16:52 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.95	237	382052	40.356	ng	98
43) 2,4,6-Trichlorophenol	9.07	196	521638	40.198	ng	99
44) 2,4,5-Trichlorophenol	9.11	196	556941	40.610	ng	95
46) 1,1'-Biphenyl	9.26	154	2164189	39.325	ng	97
47) 2-Chloronaphthalene	9.28	162	1690459	40.109	ng	97
48) 2-Nitroaniline	9.37	65	574420	41.942	ng	100
49) Acenaphthylene	9.69	152	2447936	39.755	ng	97
50) Dimethylphthalate	9.56	163	1849331	39.871	ng	99
51) 2,6-Dinitrotoluene	9.62	165	428863	41.713	ng	93
52) Acenaphthene	9.87	154	1548883	39.881	ng	98
53) 3-Nitroaniline	9.78	138	515146	41.686	ng	99
54) 2,4-Dinitrophenol	9.89	184	173511	43.016	ng	87
55) Dibenzofuran	10.04	168	2222318	39.637	ng	98
56) 4-Nitrophenol	9.95	139	390851	43.919	ng	88
57) 2,4-Dinitrotoluene	10.02	165	556608	42.242	ng	93
58) Fluorene	10.38	166	1564702	39.012	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.16	232	431269	40.707	ng	100
60) Diethylphthalate	10.26	149	1847691	39.569	ng	99
61) 4-Chlorophenyl-phenylether	10.37	204	770445	38.748	ng	99
62) 4-Nitroaniline	10.40	138	487363	41.030	ng	97
63) Azobenzene	10.53	77	1896072	40.272	ng	98
65) 4,6-Dinitro-2-methylphenol	10.43	198	267603	42.267	ng	90
66) n-Nitrosodiphenylamine	10.49	169	1570147	40.026	ng	98
67) 4-Bromophenyl-phenylether	10.86	248	487649	39.721	ng	99
68) Hexachlorobenzene	10.93	284	502266	39.731	ng	98
69) Atrazine	11.02	200	453616	39.981	ng	96
70) Pentachlorophenol	11.12	266	361785	43.006	ng	96
71) Phenanthrene	11.34	178	2234265	39.197	ng	96
72) Anthracene	11.39	178	2263718	39.002	ng	97
73) Carbazole	11.54	167	2363633	39.385	ng	97
74) Di-n-butylphthalate	11.88	149	2702101	39.544	ng	98
75) Fluoranthene	12.53	202	2195518	39.455	ng	98
77) Benzidine	12.64	184	989941	73.412	ng	100
78) Pyrene	12.76	202	2231587	40.466	ng	97
80) Butylbenzylphthalate	13.37	149	1098787	41.498	ng	98
81) Benzo(a)anthracene	13.94	228	1586203	39.674	ng	99
82) 3,3'-Dichlorobenzidine	13.90	252	622579	41.175	ng	97
83) Chrysene	13.98	228	1645084	40.330	ng	99
84) Bis(2-ethylhexyl)phthalate	13.94	149	1314900	40.622	ng	99
85) Di-n-octyl phthalate	14.55	149	2156282	40.569	ng	99
86) Indeno(1,2,3-cd)pyrene	16.80	276	1285163	40.284	ng	97
88) Benzo(b)fluoranthene	14.97	252	1313307	39.534	ng	99
89) Benzo(k)fluoranthene	15.00	252	1330849	40.135	ng	99
90) Benzo(a)pyrene	15.33	252	1222465	39.522	ng	98
91) Dibenzo(a,h)anthracene	16.82	278	1067760	41.492	ng	97
92) Benzo(g,h,i)perylene	17.23	276	1075332	41.795	ng	95

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



#1

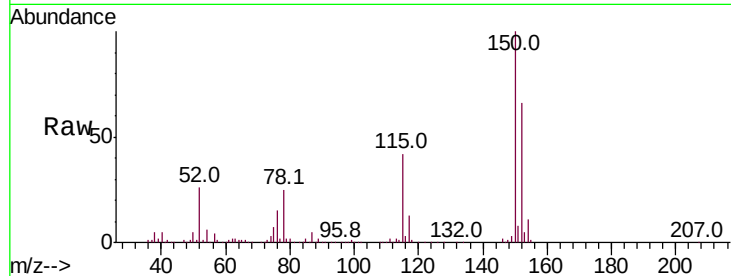
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 800
Delta R.T. -0.00 min
Lab File: BF111322.D
Acq: 12 Dec 2018 15:33

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

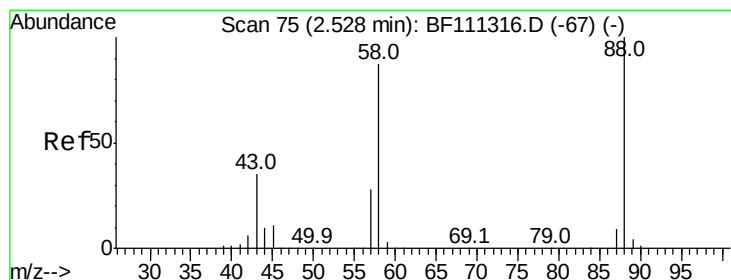
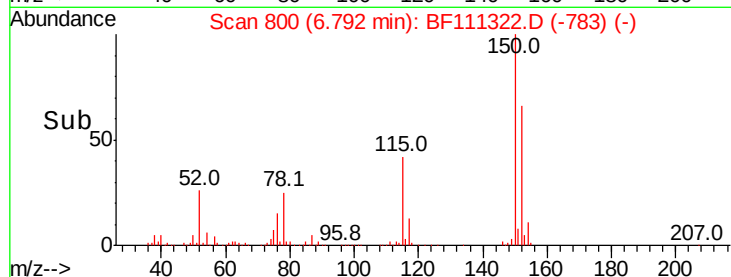
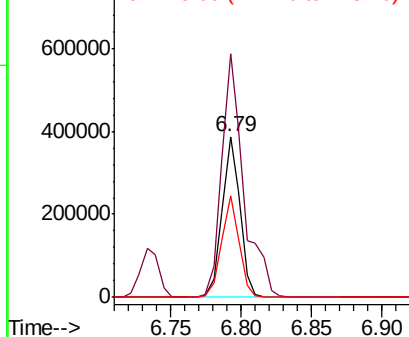
Tot Ion	Ratio	Lower	Upper
152	100		
150	151.5	126.6	189.8
115	63.0	50.7	76.1

Manual Integrations
APPROVED

Sohil
12/13/2018 6:06:00 PM



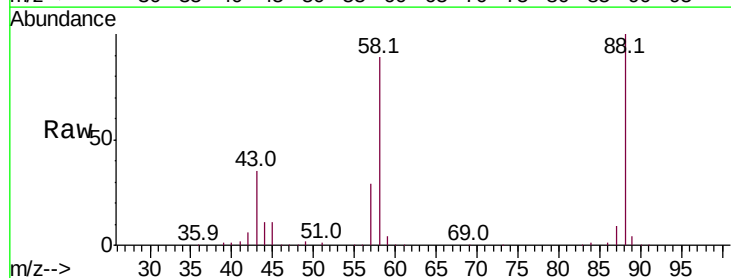
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



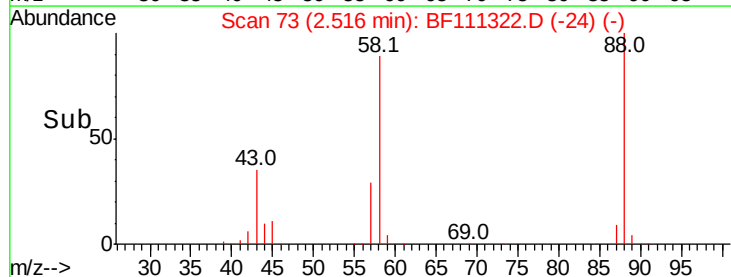
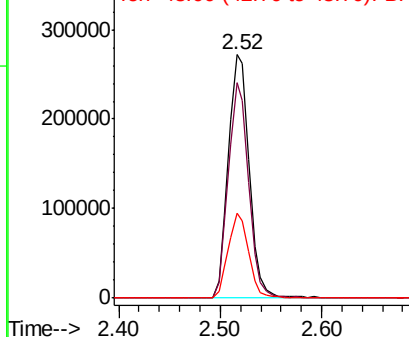
#2

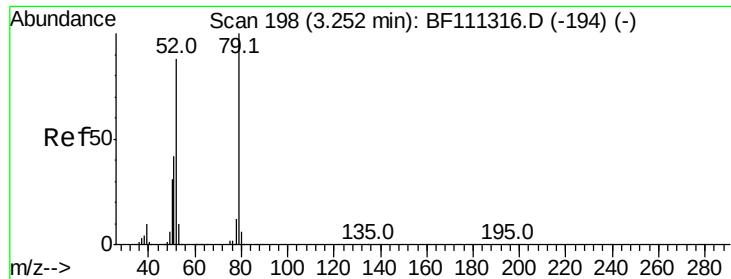
1,4-Dioxane
Concen: 38.650 ng
RT: 2.52 min Scan# 73
Delta R.T. -0.01 min
Lab File: BF111322.D
Acq: 12 Dec 2018 15:33

Tgt Ion	Ratio	Lower	Upper
88	100		
58	86.6	68.9	103.3
43	35.0	25.8	38.6



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: 41.984 ng

RT: 3.25 min Scan# 197

Delta R.T. -0.01 min

Lab File: BF111322.D

Acq: 12 Dec 2018 15:33

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion: 79 Resp: 1037270

Ion Ratio Lower Upper

79 100

52 87.2 68.3 102.5

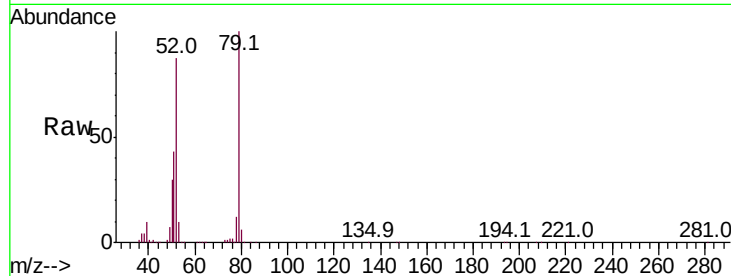
51 42.7 32.6 49.0

Manual Integrations

APPROVED

Sohil

12/13/2018 6:06:00 PM



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 52.00 (51.70 to 52.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

600000

500000

400000

300000

200000

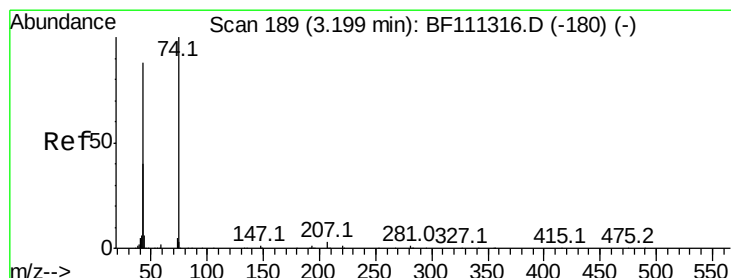
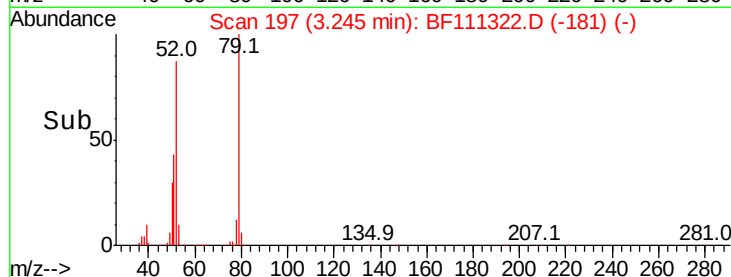
100000

0

3.25

3.10 3.20 3.30 3.40 3.50

Time-->



#4

n-Nitrosodimethylamine

Concen: 40.753 ng

RT: 3.19 min Scan# 187

Delta R.T. -0.01 min

Lab File: BF111322.D

Acq: 12 Dec 2018 15:33

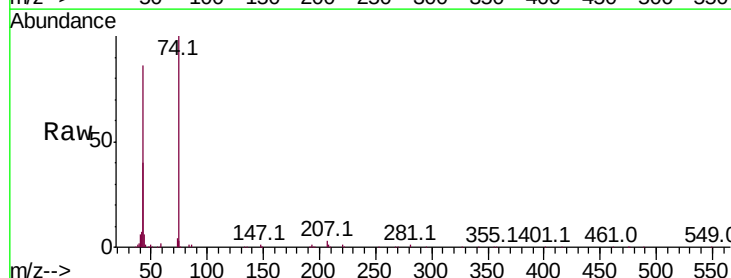
Tgt Ion: 42 Resp: 469691

Ion Ratio Lower Upper

42 100

74 116.4 101.5 152.3

44 7.0 6.0 9.0



Abundance Ion 42.00 (41.70 to 42.70): BF1

Ion 74.00 (73.70 to 74.70): BF1

Ion 44.00 (43.70 to 44.70): BF1

300000

250000

200000

150000

100000

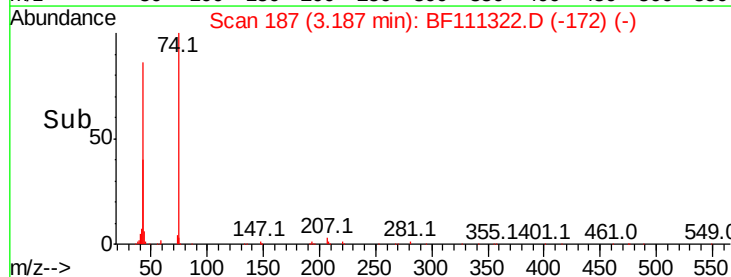
50000

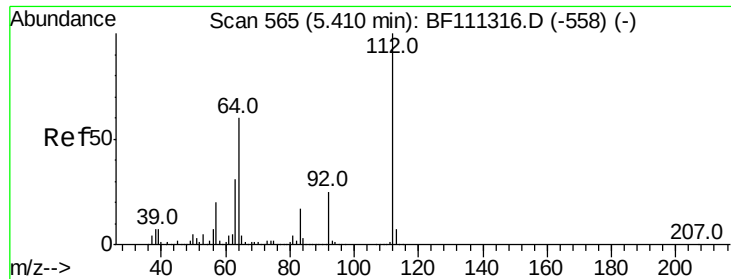
0

3.19

3.10 3.20 3.30

Time-->





#5

2-Fluorophenol

Concen: 81.476 ng

RT: 5.40 min Scan# 564

Delta R.T. -0.01 min

Lab File: BF111322.D

Acq: 12 Dec 2018 15:33

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:112 Resp: 1640461

Ion Ratio Lower Upper

112 100

64 63.8 51.8 77.6

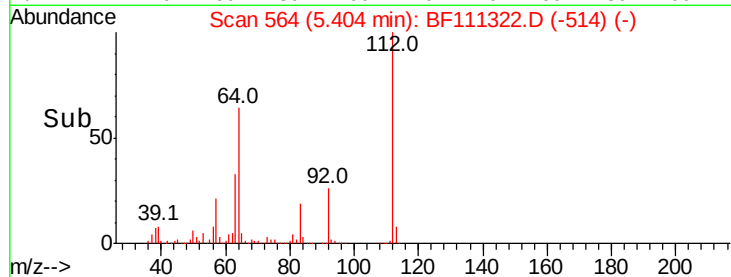
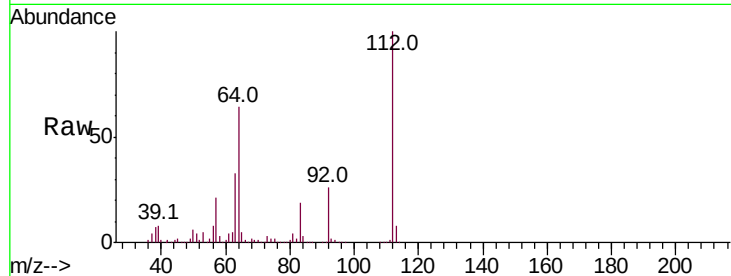
63 32.8 26.8 40.2

Manual Integrations

APPROVED

Sohil

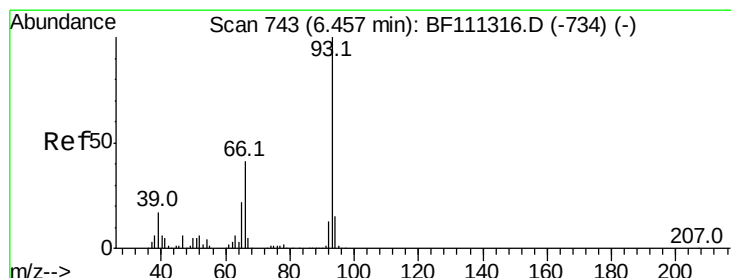
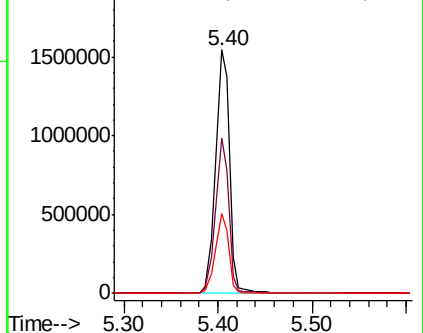
12/13/2018 6:06:00 PM



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 42.703 ng

RT: 6.46 min Scan# 743

Delta R.T. -0.00 min

Lab File: BF111322.D

Acq: 12 Dec 2018 15:33

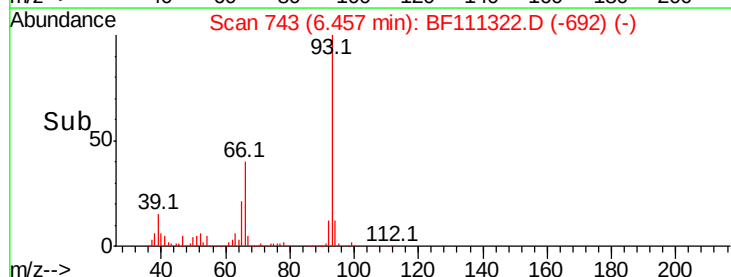
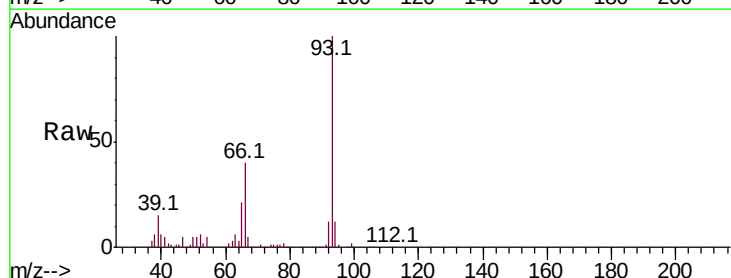
Tgt Ion: 93 Resp: 1402418

Ion Ratio Lower Upper

93 100

66 39.9 33.2 49.8

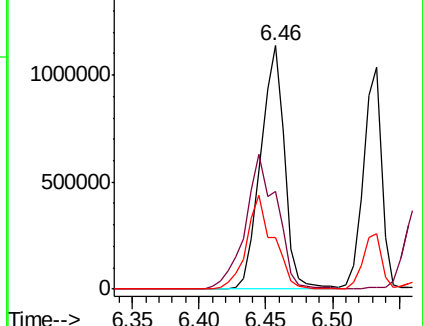
65 21.0 17.0 25.4

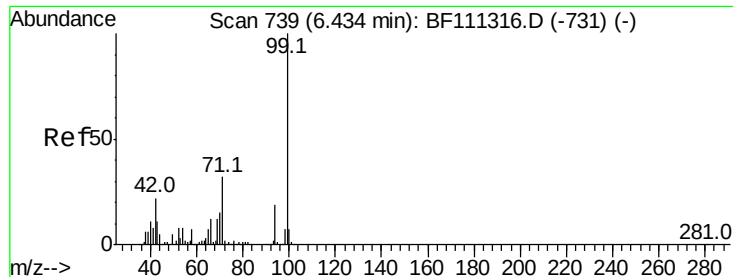


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 78.658 ng

RT: 6.43 min Scan# 738

Delta R.T. -0.01 min

Lab File: BF111322.D

Acq: 12 Dec 2018 15:33

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion: 99 Resp: 2135289

Ion Ratio Lower Upper

99 100

42 22.4 17.4 26.0

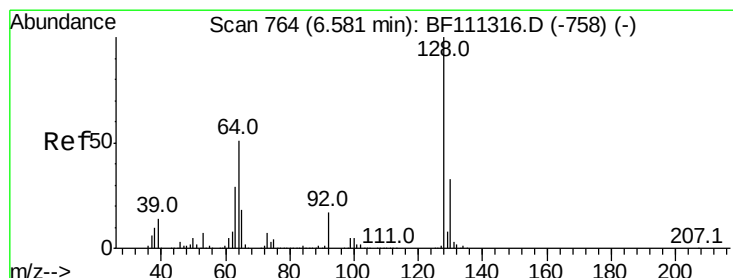
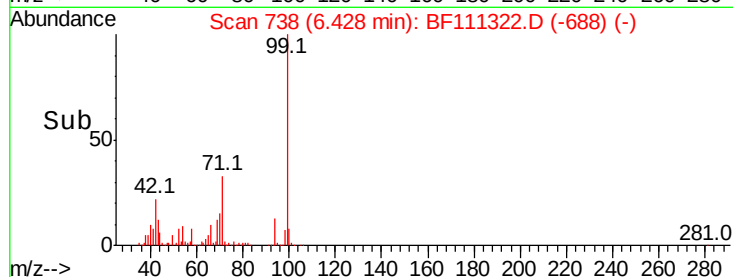
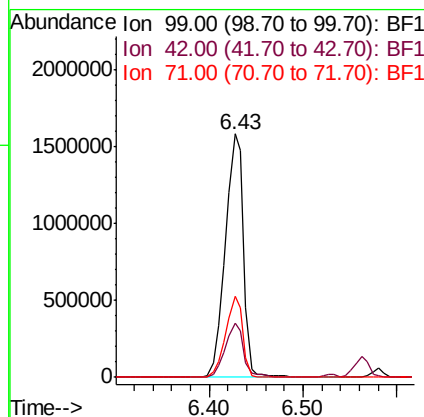
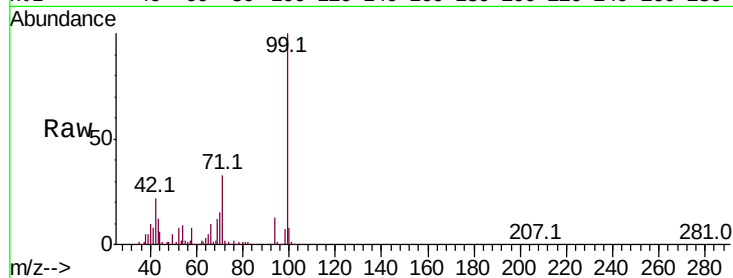
71 33.1 26.1 39.1

Manual Integrations

APPROVED

Sohil

12/13/2018 6:06:00 PM



#8

2-Chlorophenol

Concen: 39.699 ng

RT: 6.58 min Scan# 764

Delta R.T. -0.00 min

Lab File: BF111322.D

Acq: 12 Dec 2018 15:33

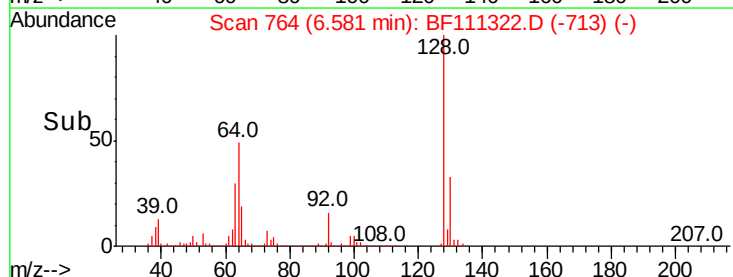
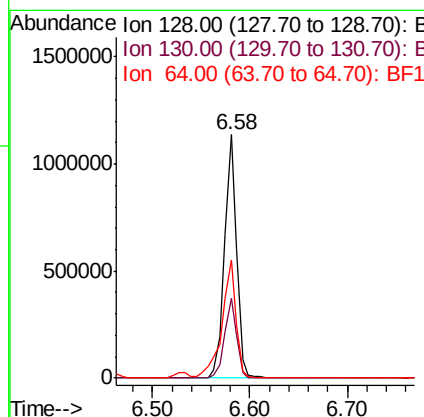
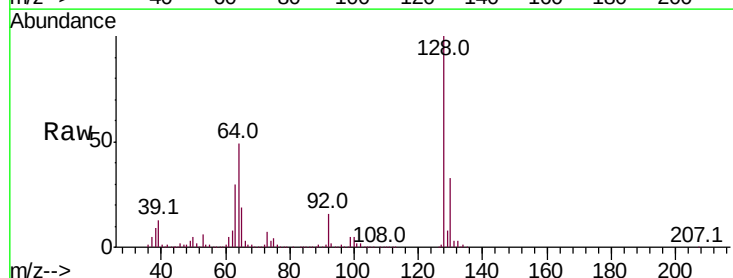
Tgt Ion: 128 Resp: 982451

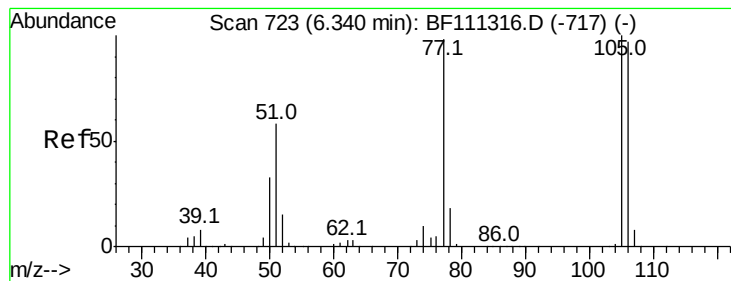
Ion Ratio Lower Upper

128 100

130 32.9 12.7 52.7

64 48.6 30.0 70.0





#9

Benzaldehyde

Concen: 38.880 ng

RT: 6.34 min Scan# 723

Delta R.T. 0.00 min

Lab File: BF111322.D

Acq: 12 Dec 2018 15:33

Instrument :

BNA_F

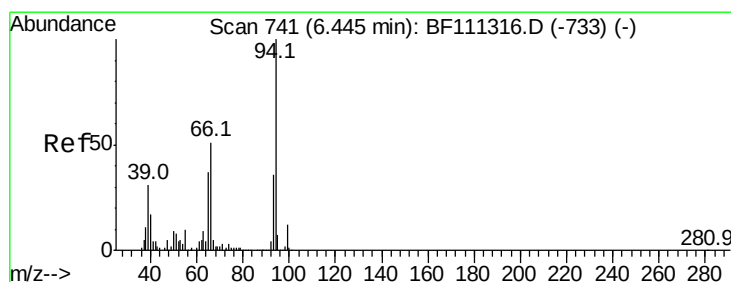
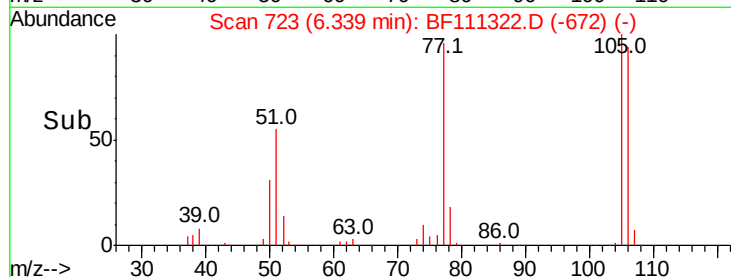
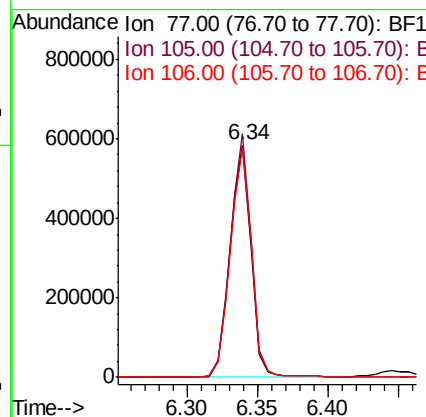
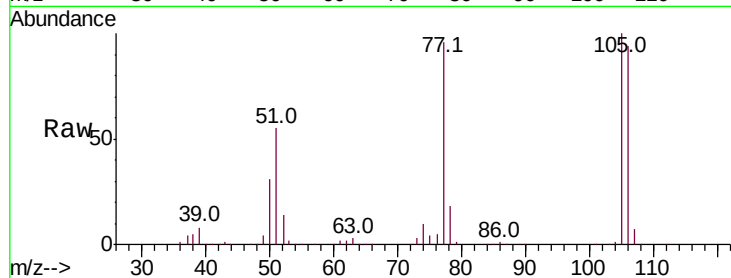
ClientSampleId :

SSTDCCC040

Tot Ion:	77	Resp:	606535
Ion Ratio	Lower	Upper	
77	100		
105	104.6	81.4	121.4
106	98.8	77.9	117.9

Manual Integrations
APPROVED

Sohil
12/13/2018 6:06:00 PM



#10

Phenol

Concen: 39.894 ng

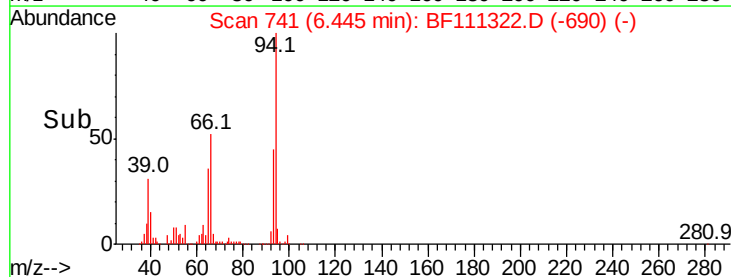
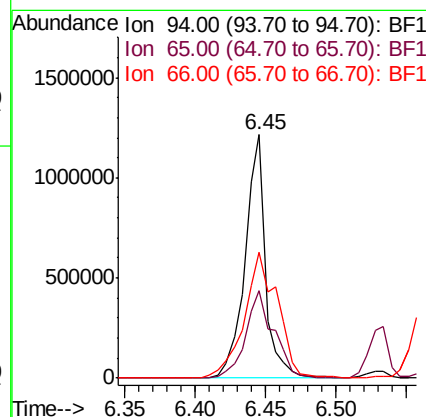
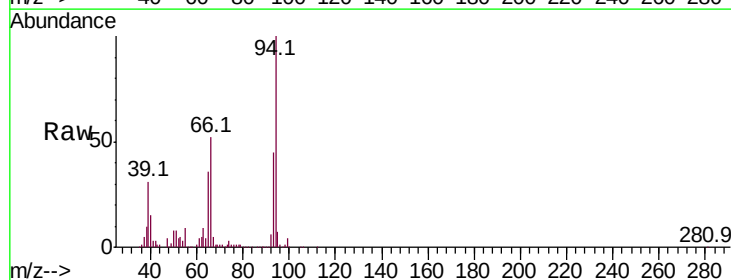
RT: 6.45 min Scan# 741

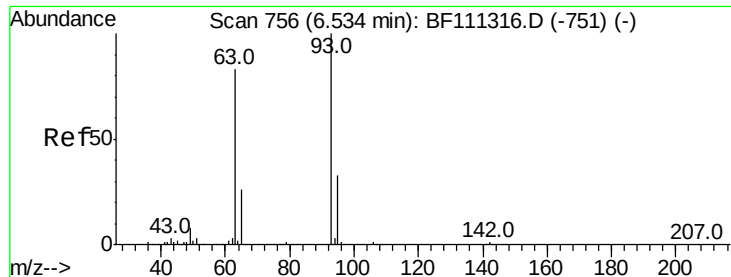
Delta R.T. -0.00 min

Lab File: BF111322.D

Acq: 12 Dec 2018 15:33

Tgt Ion:	94	Resp:	1226794
Ion Ratio	Lower	Upper	
94	100		
65	36.2	11.7	51.7
66	51.7	21.0	61.0





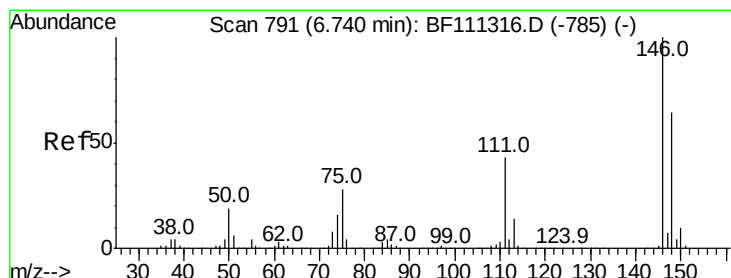
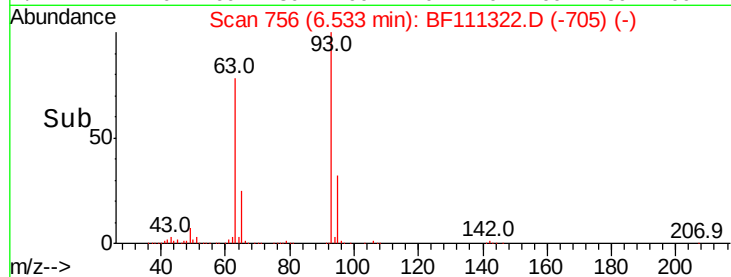
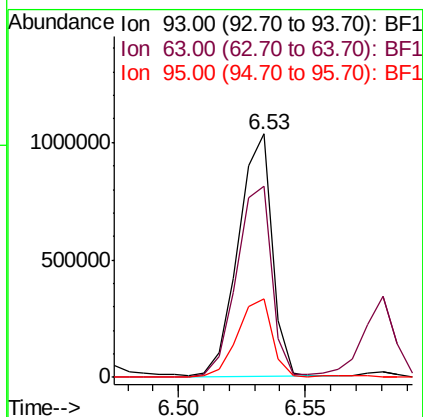
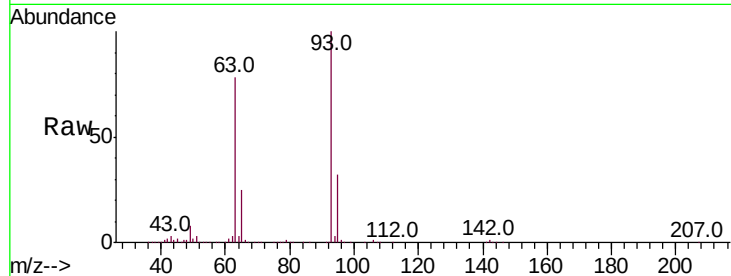
#11
bis(2-Chloroethyl)ether
Concen: 39.610 ng
RT: 6.53 min Scan# 756
Delta R.T. -0.00 min
Lab File: BF111322.D
Acq: 12 Dec 2018 15:33

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
93	100		
63	78.4	60.0	100.0
95	32.1	13.4	53.4

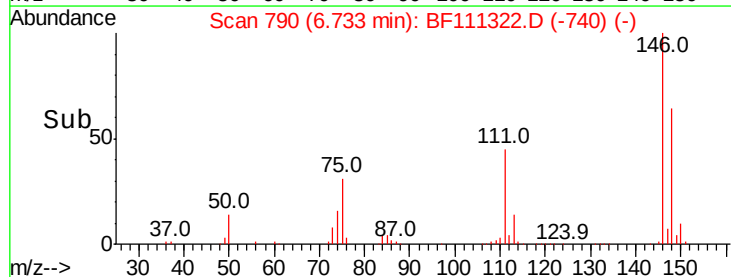
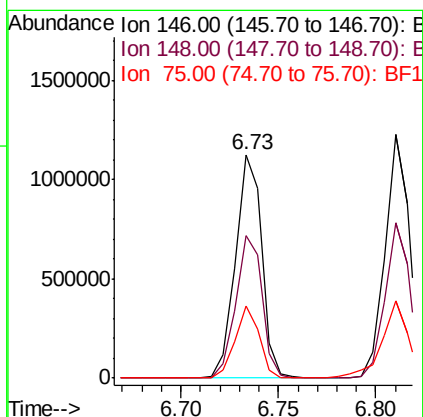
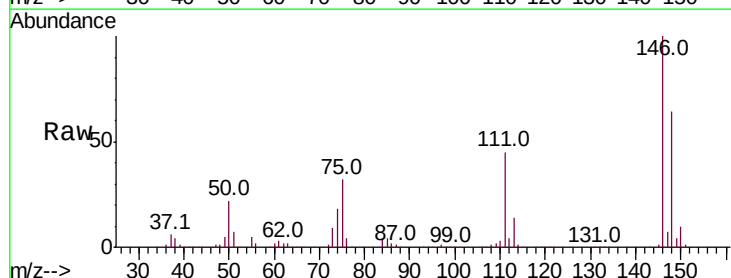
Manual Integrations
APPROVED

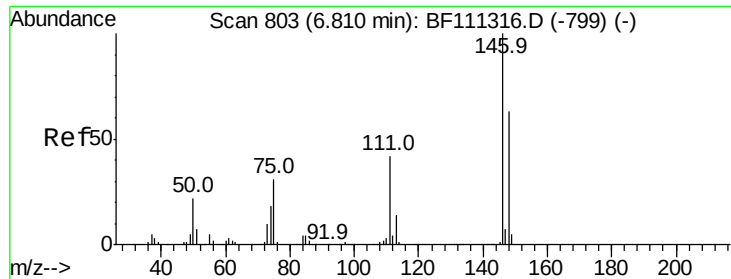
Sohil
12/13/2018 6:06:00 PM



#12
1,3-Dichlorobenzene
Concen: 39.281 ng
RT: 6.73 min Scan# 790
Delta R.T. -0.01 min
Lab File: BF111322.D
Acq: 12 Dec 2018 15:33

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.9	52.1	78.1
75	32.1	23.9	35.9





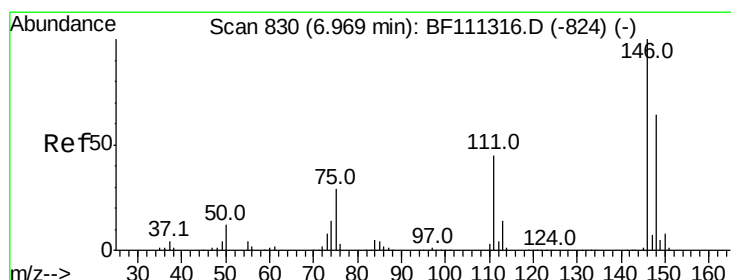
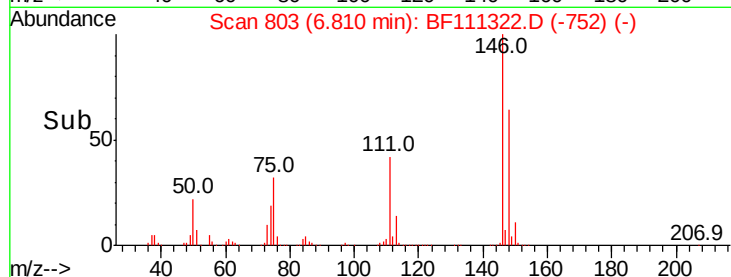
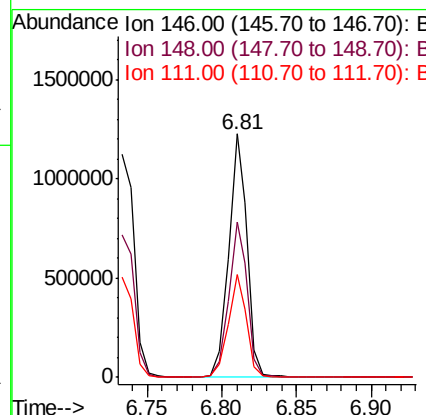
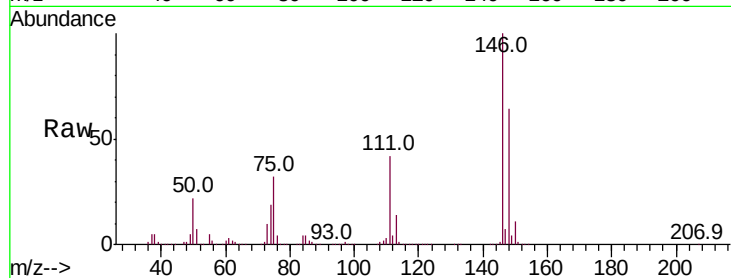
#13
1,4-Dichlorobenzene
Concen: 39.343 ng
RT: 6.81 min Scan# 803
Delta R.T. -0.00 min
Lab File: BF111322.D
Acq: 12 Dec 2018 15:33

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.0	52.8	79.2
111	42.4	33.4	50.0

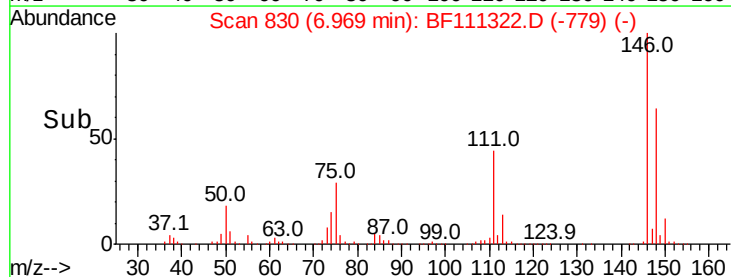
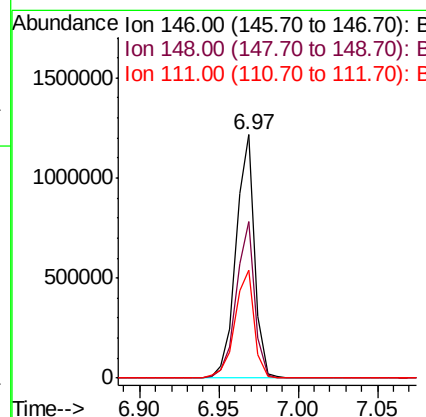
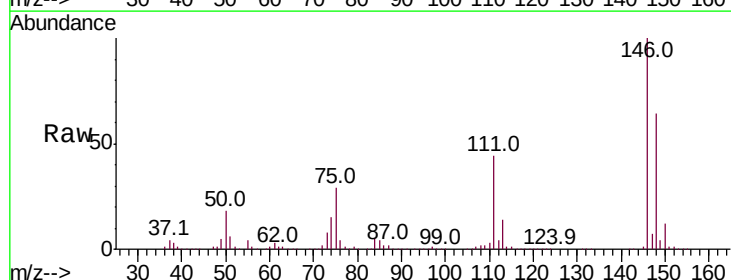
Manual Integrations
APPROVED

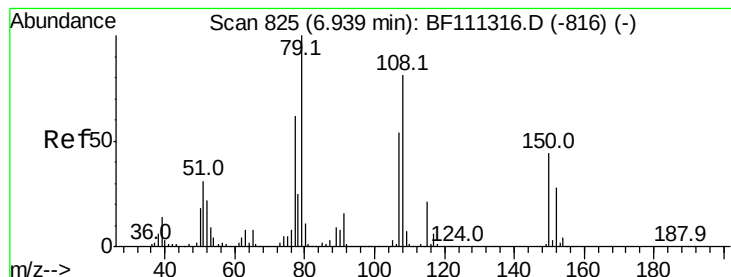
Sohil
12/13/2018 6:06:00 PM



#14
1,2-Dichlorobenzene
Concen: 39.251 ng
RT: 6.97 min Scan# 830
Delta R.T. -0.00 min
Lab File: BF111322.D
Acq: 12 Dec 2018 15:33

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.3	51.9	77.9
111	44.3	36.2	54.4





#15

Benzyl Alcohol

Concen: 39.664 ng

RT: 6.94 min Scan# 825

Delta R.T. -0.00 min

Lab File: BF111322.D

Acq: 12 Dec 2018 15:33

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion: 79 Resp: 824486

Ion Ratio Lower Upper

79 100

108 84.1 69.4 104.2

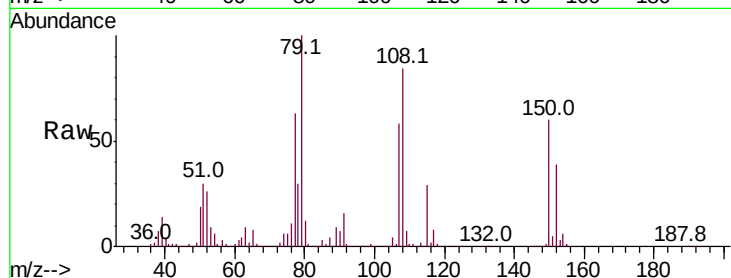
77 62.6 49.7 74.5

Manual Integrations

APPROVED

Sohil

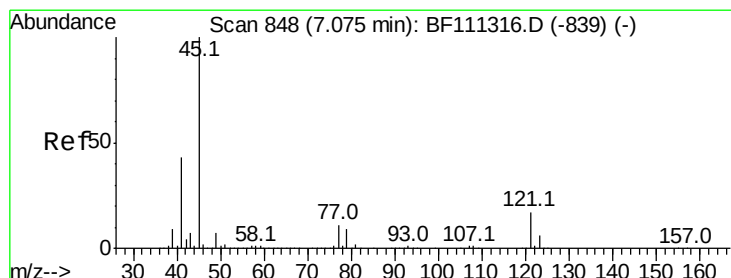
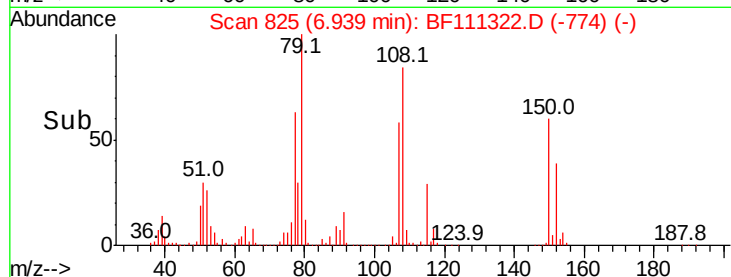
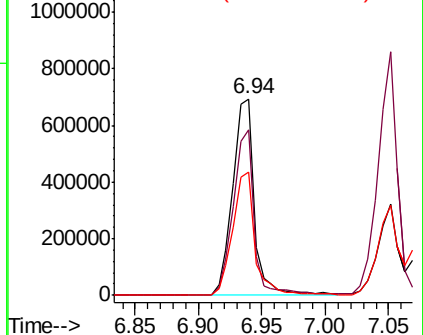
12/13/2018 6:06:00 PM



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: 39.999 ng

RT: 7.07 min Scan# 848

Delta R.T. -0.00 min

Lab File: BF111322.D

Acq: 12 Dec 2018 15:33

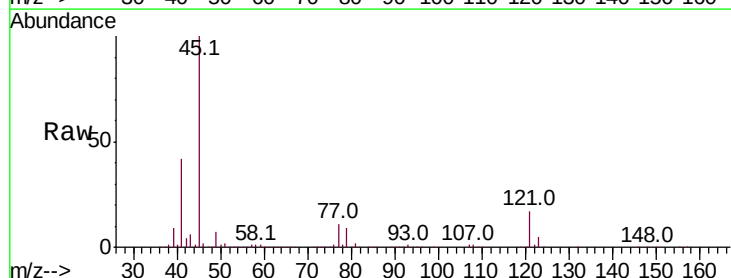
Tgt Ion: 45 Resp: 1874680

Ion Ratio Lower Upper

45 100

77 11.2 0.0 31.5

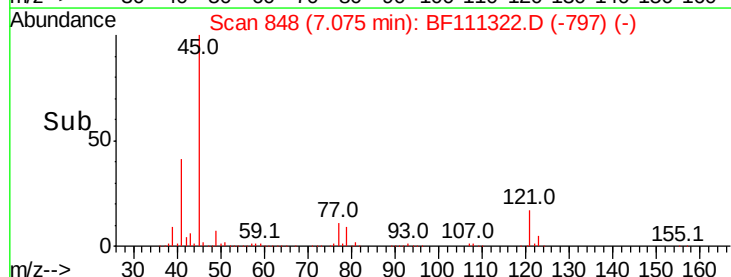
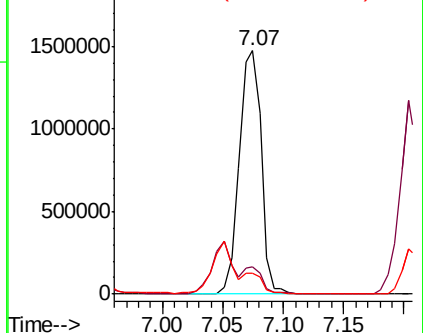
79 8.8 0.0 28.9

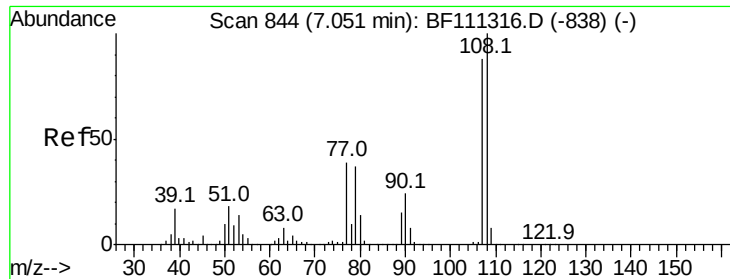


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1





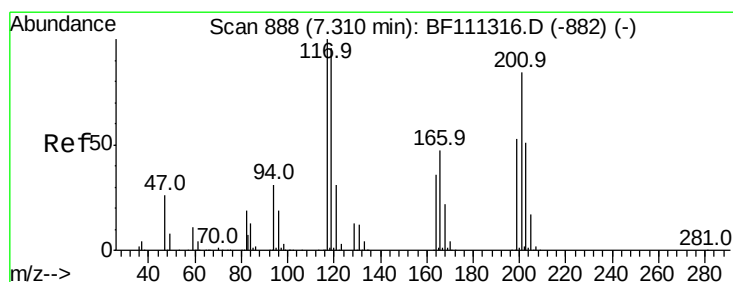
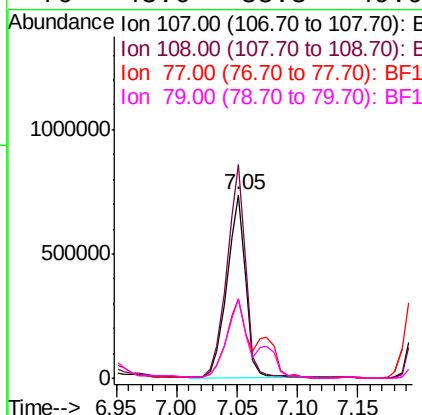
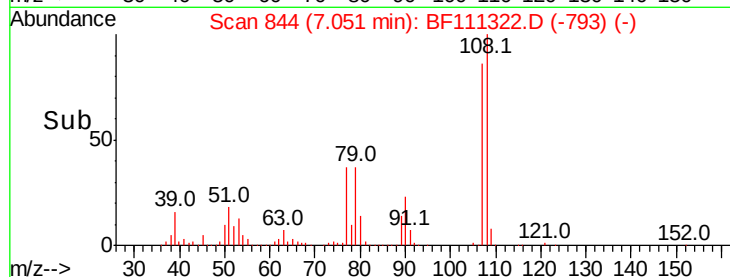
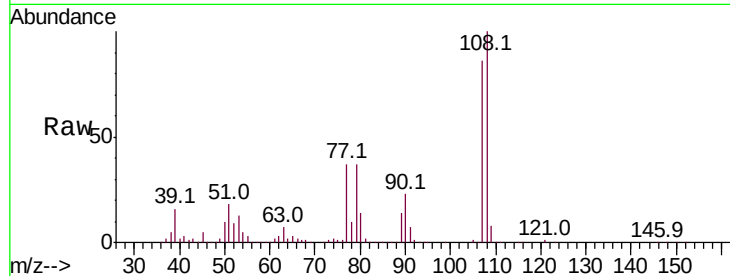
#17
2-Methylphenol
Concen: 39.668 ng
RT: 7.05 min Scan# 844
Delta R.T. -0.00 min
Lab File: BF111322.D
Acq: 12 Dec 2018 15:33

Instrument :
BNA_F
ClientSampled :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	116.4	91.0	136.4	
77	43.1	33.5	50.3	
79	43.6	33.3	49.9	

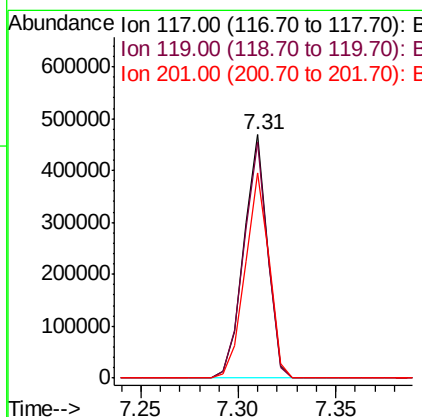
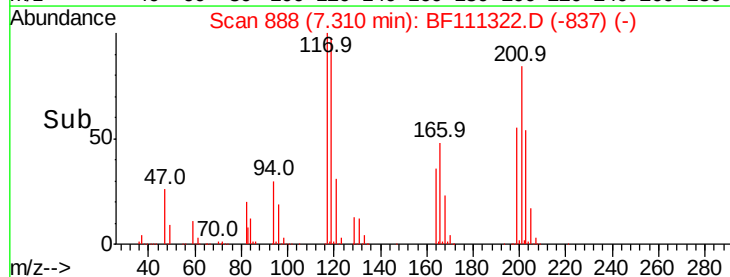
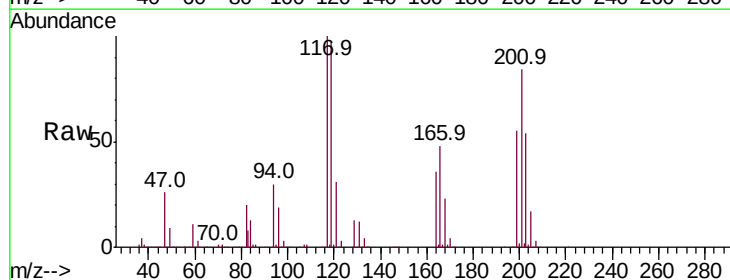
Manual Integrations
APPROVED

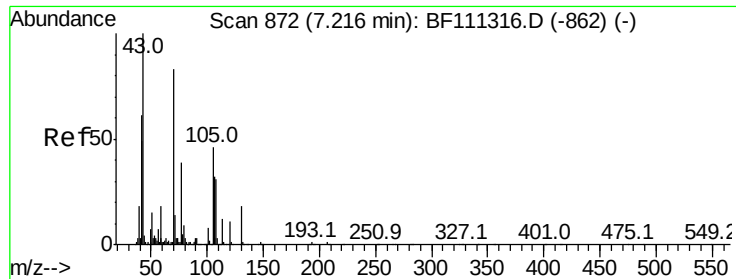
Sohil
12/13/2018 6:06:00 PM



#18
Hexachloroethane
Concen: 39.243 ng
RT: 7.31 min Scan# 888
Delta R.T. -0.00 min
Lab File: BF111322.D
Acq: 12 Dec 2018 15:33

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	96.8	75.4	113.0	
201	84.4	62.4	93.6	





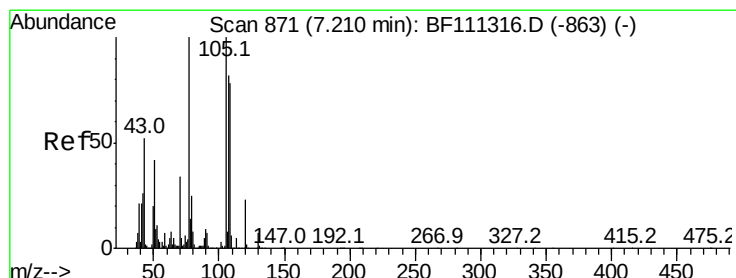
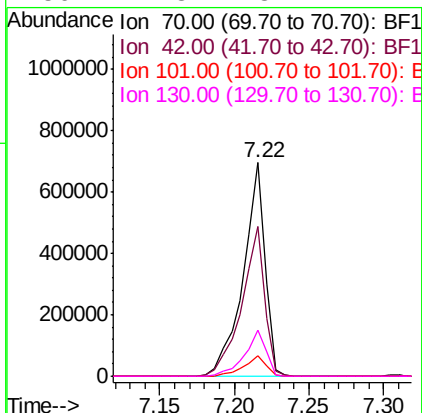
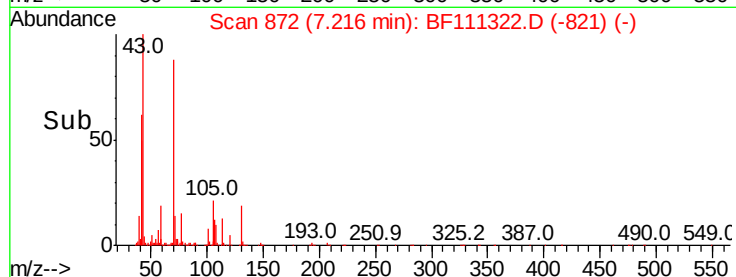
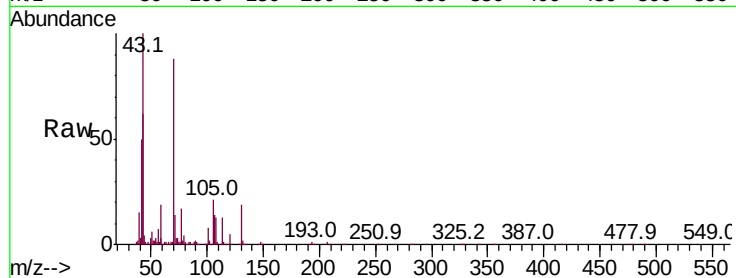
#19
n-Nitroso-di-n-propylamine
Concen: 39.301 ng
RT: 7.22 min Scan# 872
Delta R.T. -0.00 min
Lab File: BF111322.D
Acq: 12 Dec 2018 15:33

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
70	100		
42	70.1	53.2	79.8
101	9.4	8.2	12.4
130	21.3	18.1	27.1

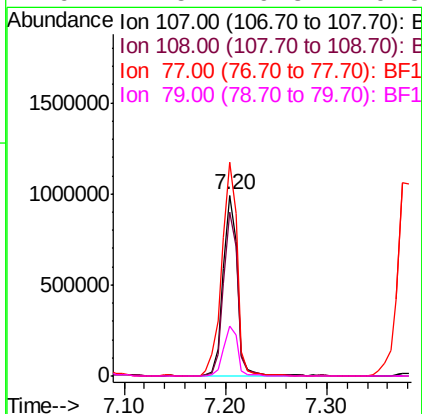
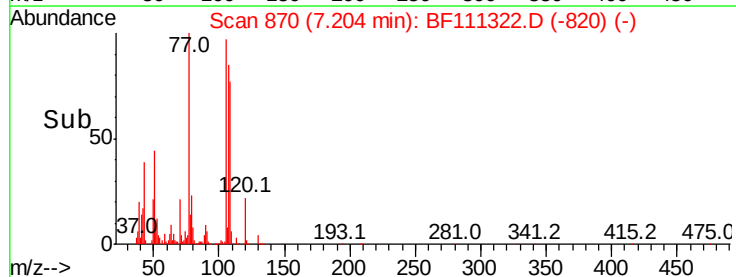
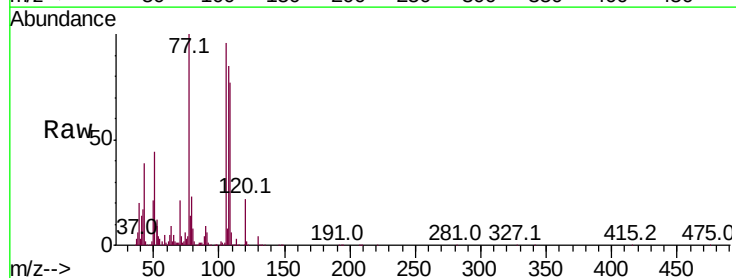
Manual Integrations
APPROVED

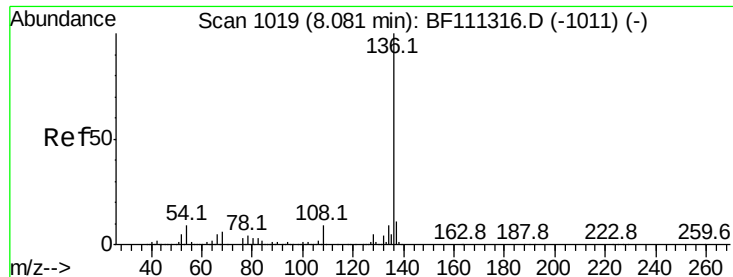
Sohil
12/13/2018 6:06:00 PM



#20
3+4-Methylphenols
Concen: 39.782 ng
RT: 7.20 min Scan# 870
Delta R.T. -0.01 min
Lab File: BF111322.D
Acq: 12 Dec 2018 15:33

Tgt Ion	Ratio	Lower	Upper
107	100		
108	90.7	72.1	112.1
77	118.2	94.1	134.1
79	27.5	9.8	49.8





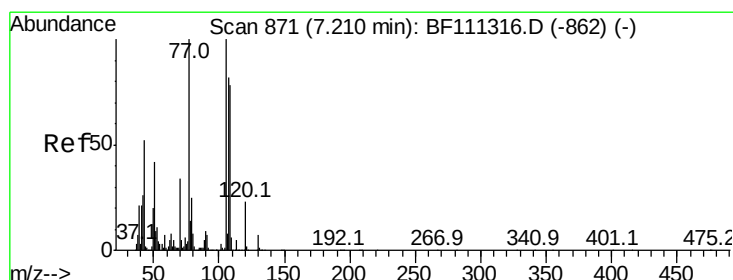
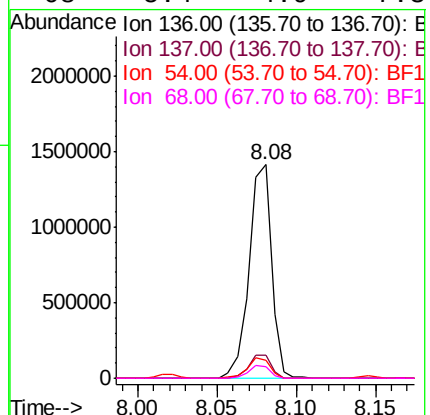
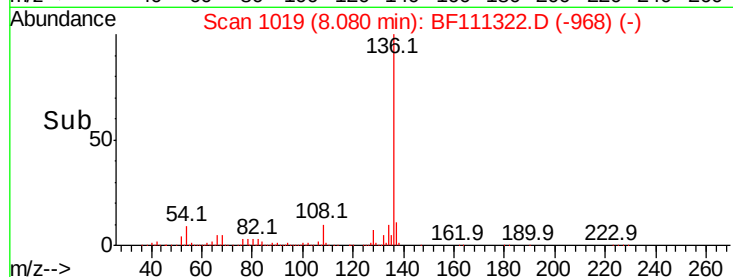
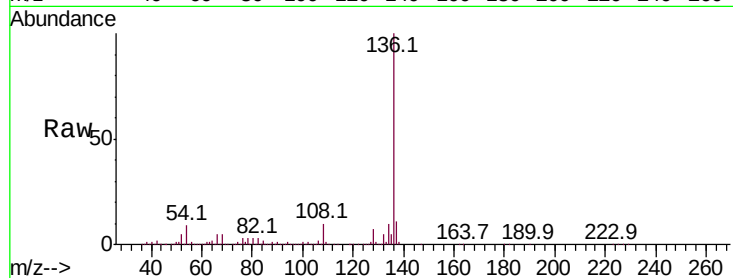
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.08 min Scan# 1019
Delta R.T. -0.00 min
Lab File: BF111322.D
Acq: 12 Dec 2018 15:33

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.1	13.7
54	8.7	7.7	11.5
68	5.4	4.9	7.3

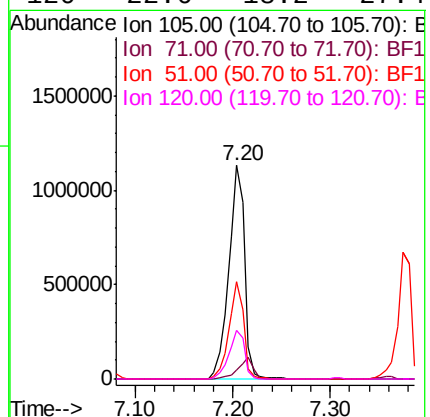
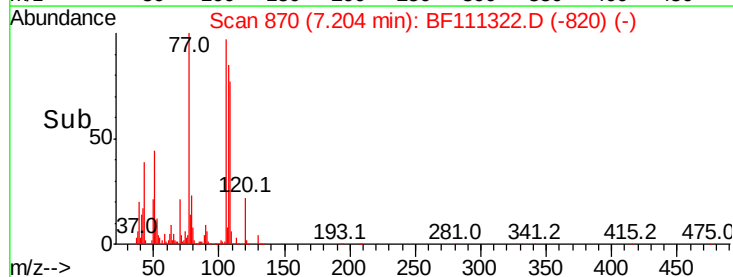
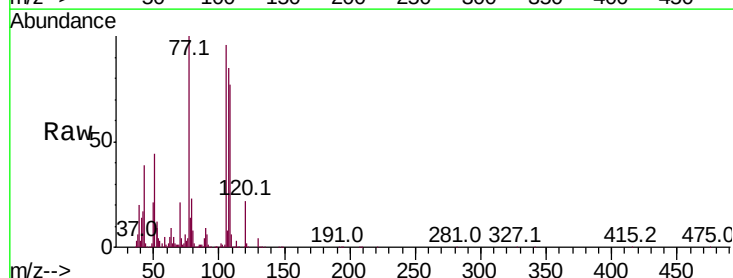
Manual Integrations
APPROVED

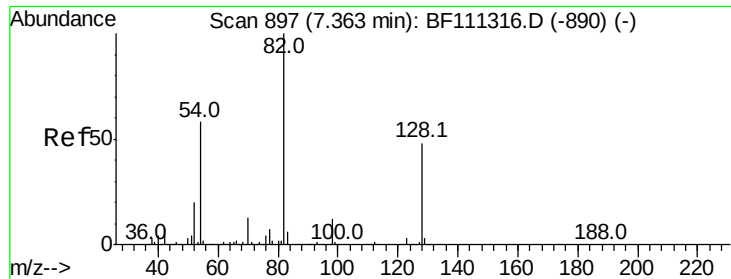
Sohil
12/13/2018 6:06:00 PM



#22
Acetophenone
Concen: 39.071 ng
RT: 7.20 min Scan# 870
Delta R.T. -0.01 min
Lab File: BF111322.D
Acq: 12 Dec 2018 15:33

Tgt Ion	Ratio	Lower	Upper
105	100		
71	4.0	3.1	4.7
51	45.5	36.6	54.8
120	22.6	18.2	27.4





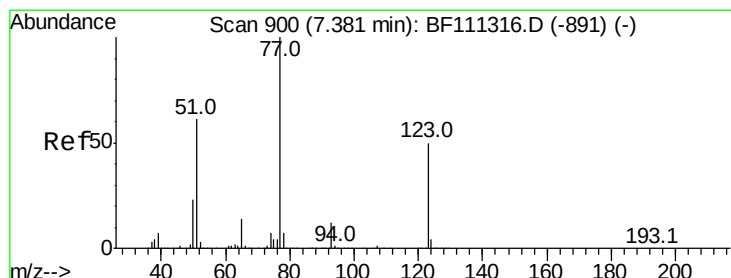
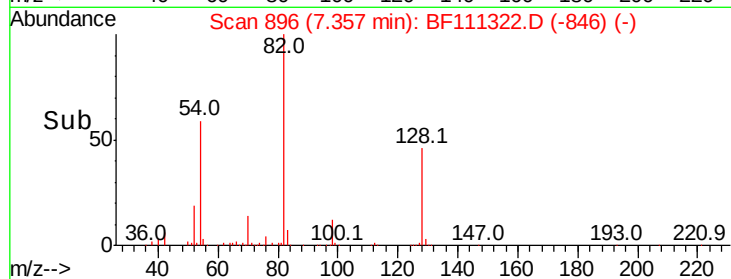
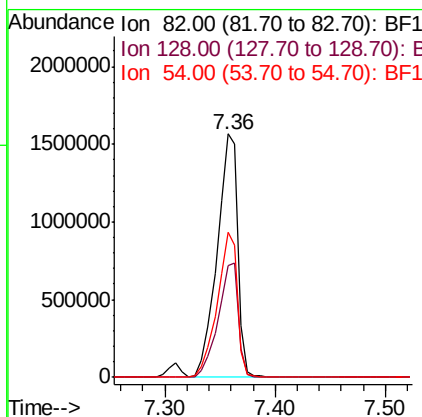
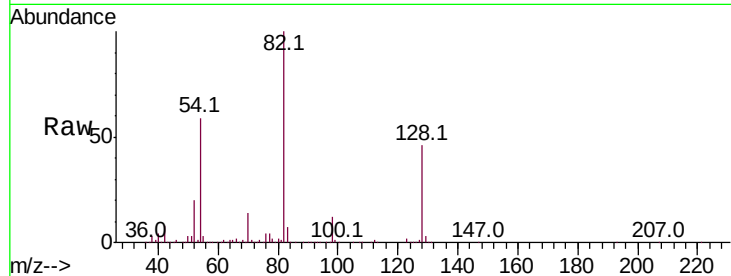
#23
 Nitrobenzene-d5
 Concen: 81.440 ng
 RT: 7.36 min Scan# 896
 Delta R.T. -0.01 min
 Lab File: BF111322.D
 Acq: 12 Dec 2018 15:33

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion: 82 Resp: 2017022
 Ion Ratio Lower Upper
 82 100
 128 46.0 37.4 56.2
 54 59.4 47.6 71.4

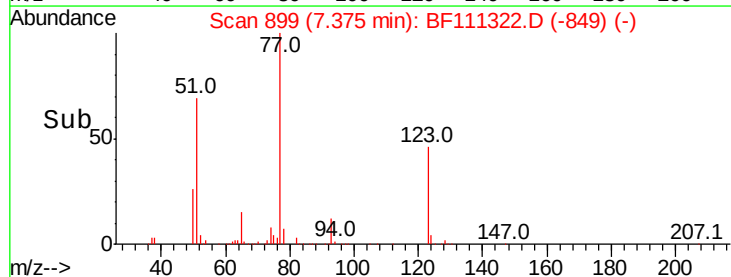
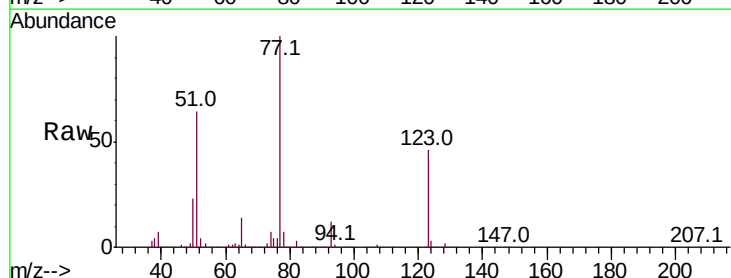
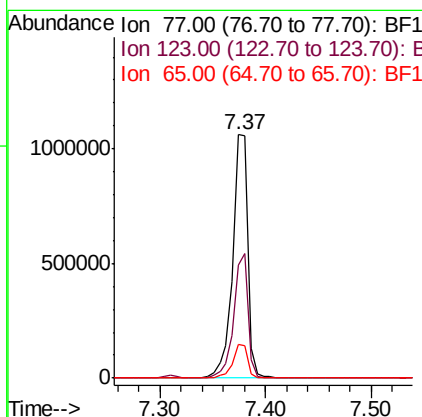
Manual Integrations
 APPROVED

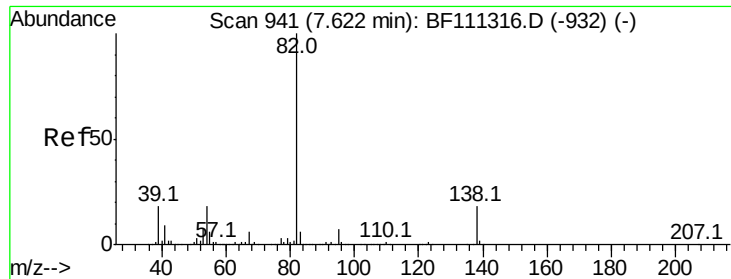
Sohil
 12/13/2018 6:06:00 PM



#24
 Nitrobenzene
 Concen: 40.695 ng
 RT: 7.37 min Scan# 899
 Delta R.T. -0.01 min
 Lab File: BF111322.D
 Acq: 12 Dec 2018 15:33

Tgt Ion: 77 Resp: 1038163
 Ion Ratio Lower Upper
 77 100
 123 46.4 37.2 55.8
 65 13.7 11.5 17.3





#25

Isophorone

Concen: 39.960 ng

RT: 7.62 min Scan# 941

Delta R.T. -0.00 min

Lab File: BF111322.D

Acq: 12 Dec 2018 15:33

Instrument :

BNA_F

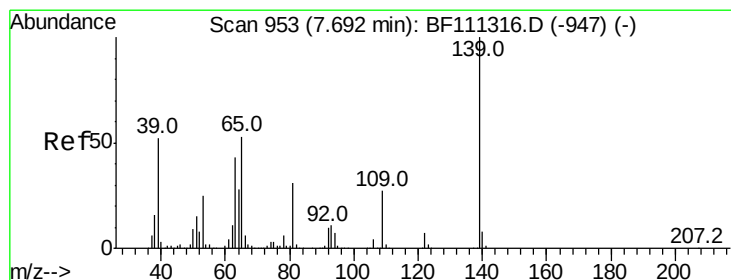
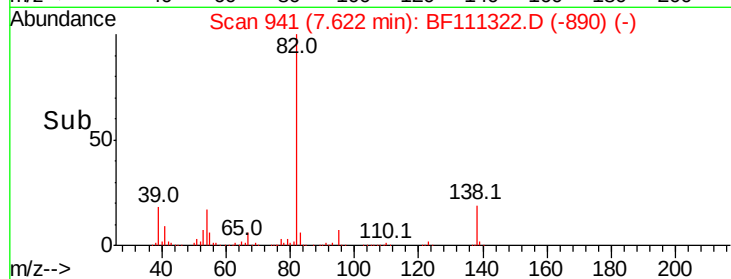
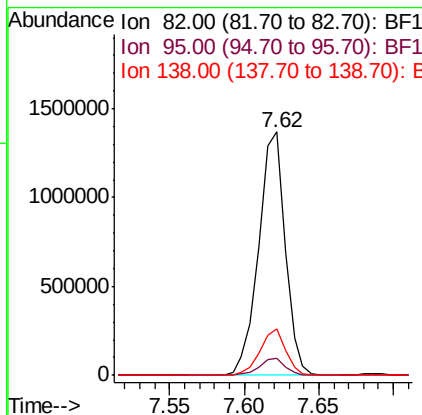
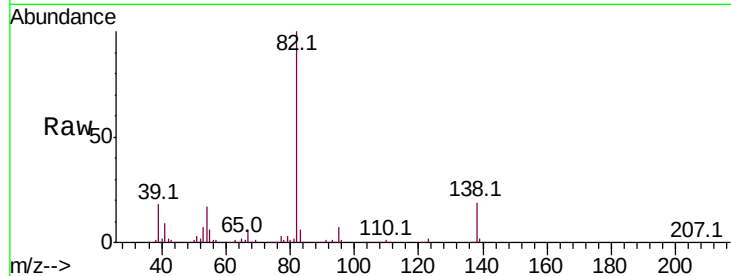
ClientSampleId :

SSTDCCC040

Tot Ion:	82	Resp:	1681110
Ion	Ratio	Lower	Upper
82	100		
95	6.8	5.4	8.2
138	19.2	15.1	22.7

Manual Integrations
APPROVED

Sohil
12/13/2018 6:06:00 PM



#26

2-Nitrophenol

Concen: 42.354 ng

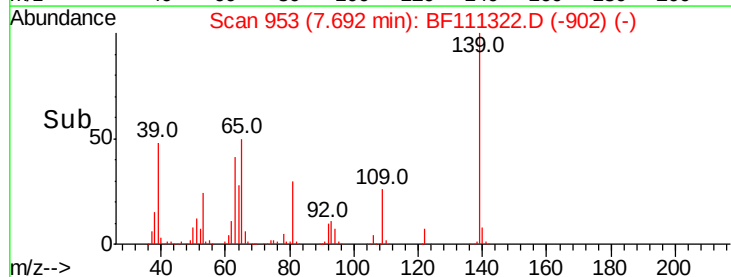
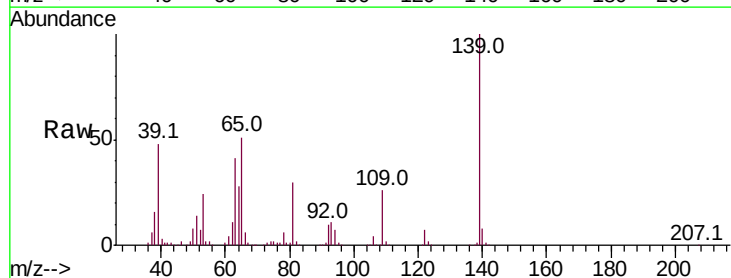
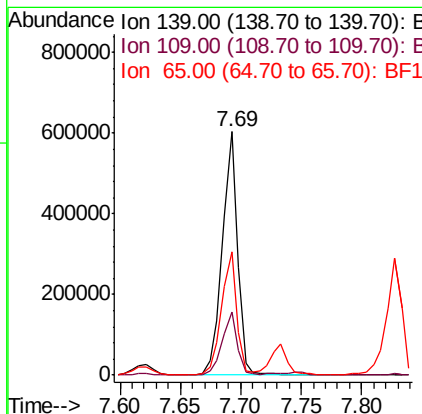
RT: 7.69 min Scan# 953

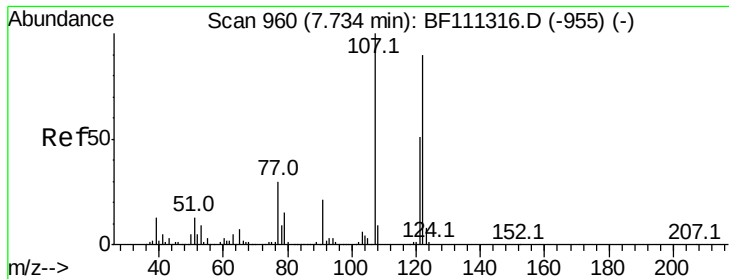
Delta R.T. -0.00 min

Lab File: BF111322.D

Acq: 12 Dec 2018 15:33

Tgt Ion:	139	Resp:	531103
Ion	Ratio	Lower	Upper
139	100		
109	25.9	20.2	30.4
65	50.8	40.7	61.1





#27

2,4-Dimethylphenol

Concen: 40.027 ng

RT: 7.73 min Scan# 960

Delta R.T. -0.00 min

Lab File: BF111322.D

Acq: 12 Dec 2018 15:33

Instrument :

BNA_F

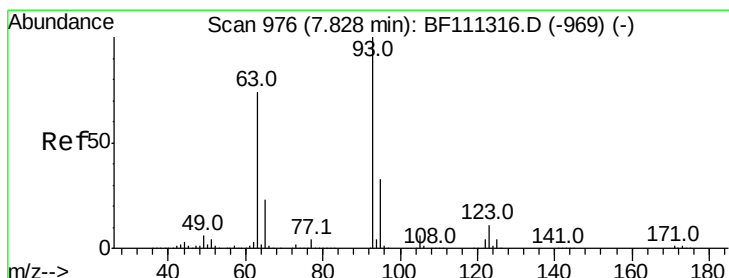
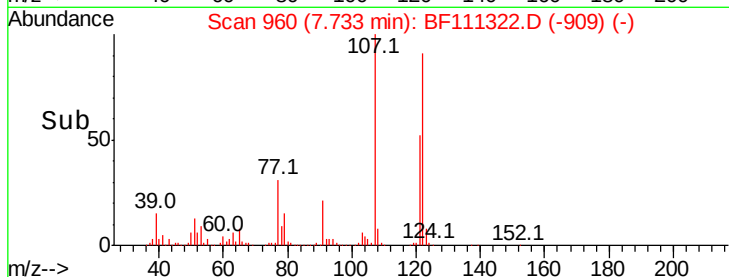
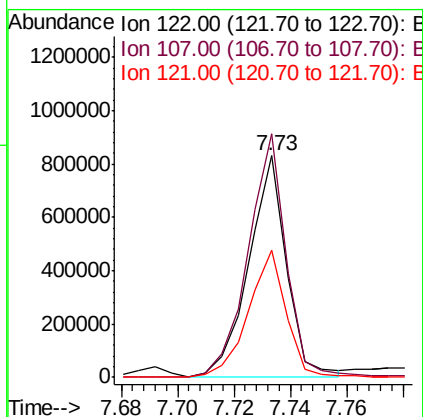
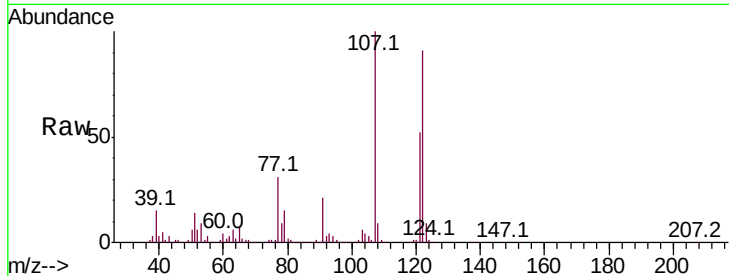
ClientSampleId :

SSTDCCC040

Tot Ion:	122	Resp:	761906
Ion Ratio	Lower	Upper	
122	100		
107	110.0	85.5	128.3
121	57.3	46.6	70.0

Manual Integrations
APPROVED

Sohil
12/13/2018 6:06:00 PM



#28

bis(2-Chloroethoxy)methane

Concen: 39.805 ng

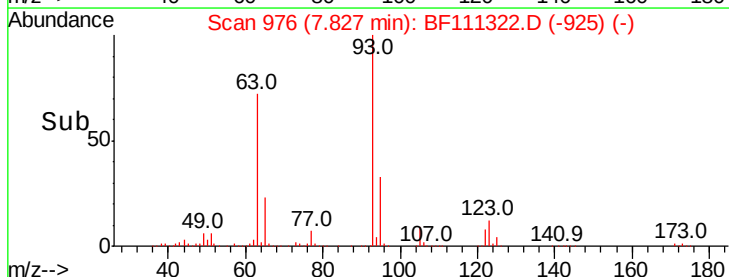
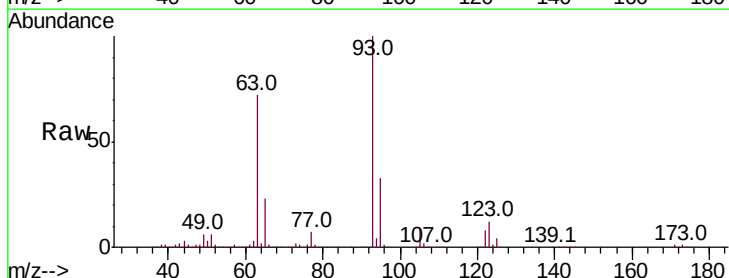
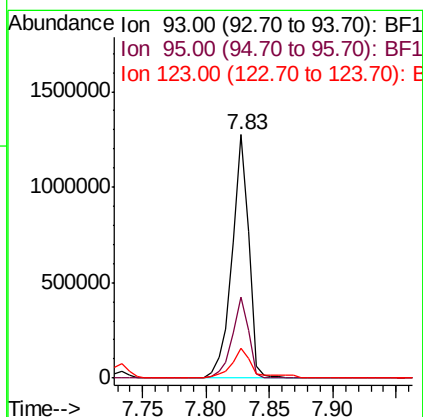
RT: 7.83 min Scan# 976

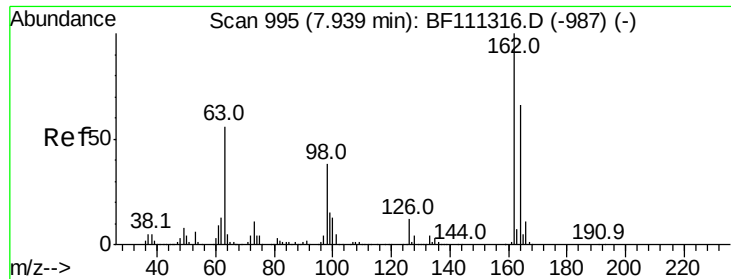
Delta R.T. -0.00 min

Lab File: BF111322.D

Acq: 12 Dec 2018 15:33

Tgt Ion:	93	Resp:	1149416
Ion Ratio	Lower	Upper	
93	100		
95	33.5	27.1	40.7
123	12.4	9.9	14.9





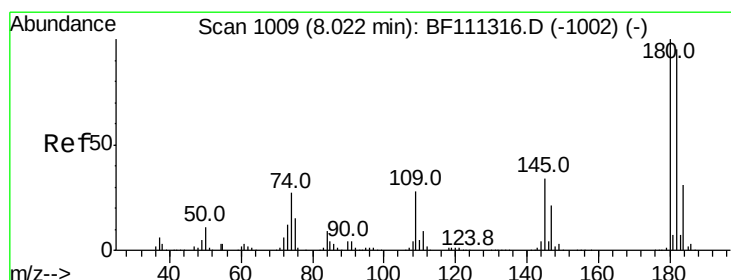
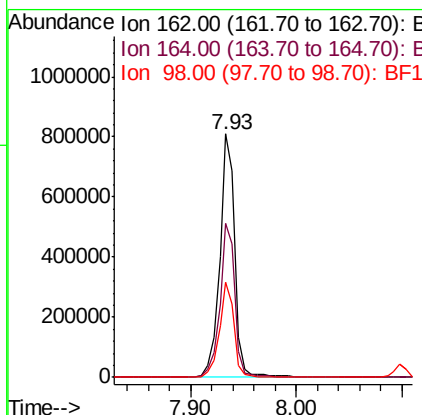
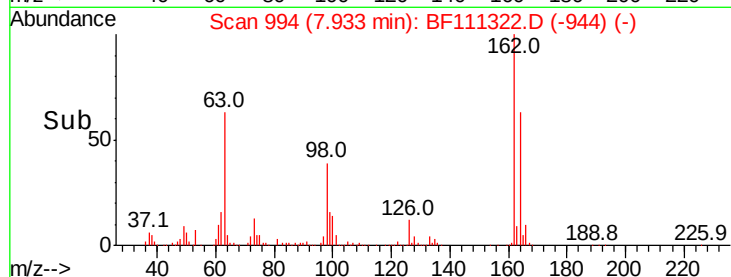
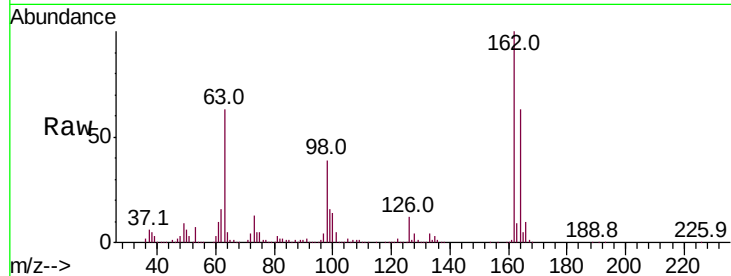
#29
2,4-Dichlorophenol
Concen: 40.916 ng
RT: 7.93 min Scan# 994
Delta R.T. -0.01 min
Lab File: BF111322.D
Acq: 12 Dec 2018 15:33

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
162	100		
164	63.0	44.4	84.4
98	39.0	20.3	60.3

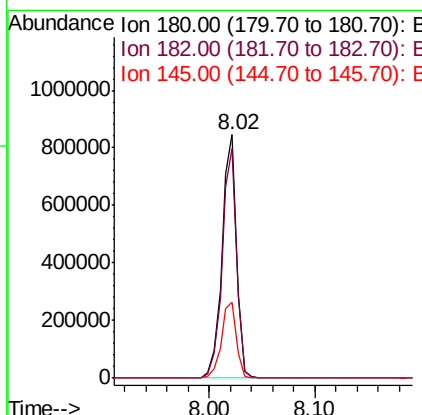
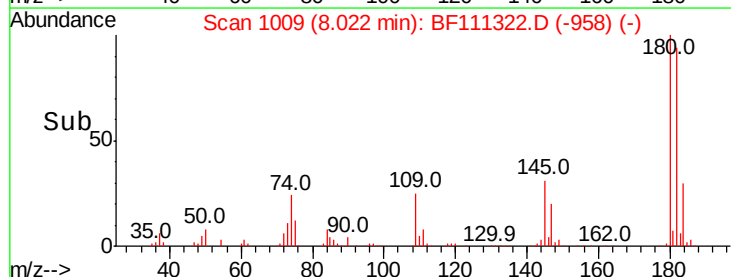
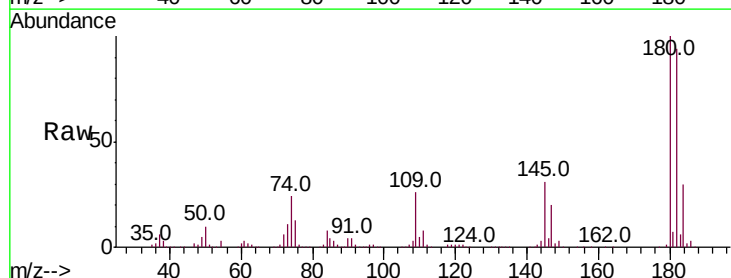
Manual Integrations
APPROVED

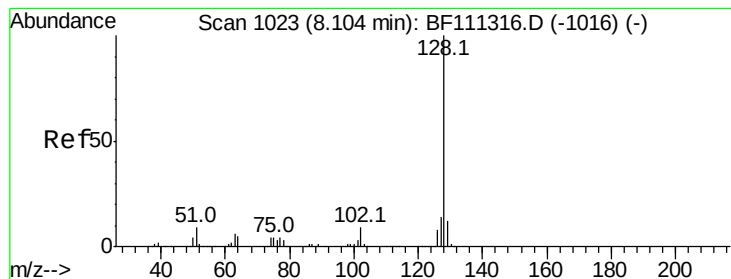
Sohil
12/13/2018 6:06:00 PM



#30
1,2,4-Trichlorobenzene
Concen: 39.903 ng
RT: 8.02 min Scan# 1009
Delta R.T. -0.00 min
Lab File: BF111322.D
Acq: 12 Dec 2018 15:33

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.4	75.6	113.4
145	31.1	26.7	40.1





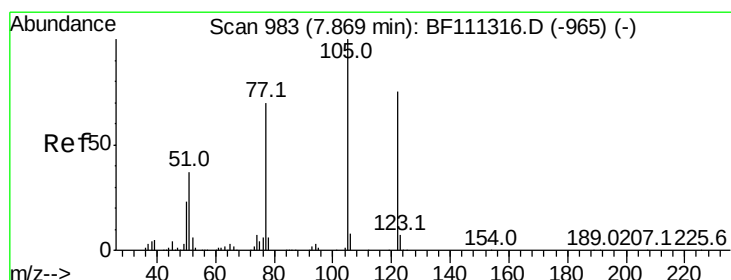
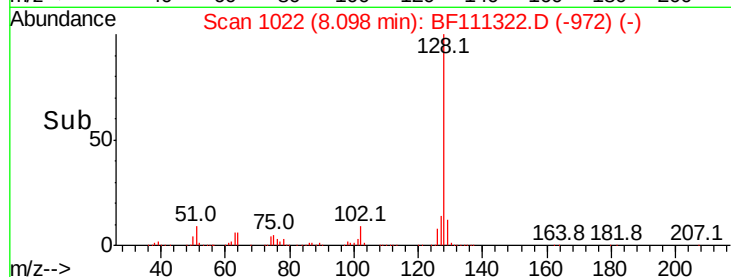
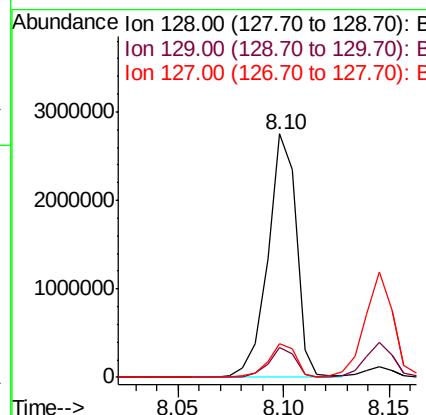
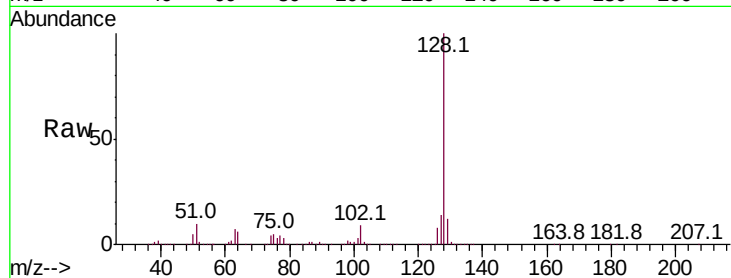
#31
Naphthalene
Concen: 39.633 ng
RT: 8.10 min Scan# 1022
Delta R.T. -0.01 min
Lab File: BF111322.D
Acq: 12 Dec 2018 15:33

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
128	100		
129	12.1	9.8	14.8
127	13.9	12.0	18.0

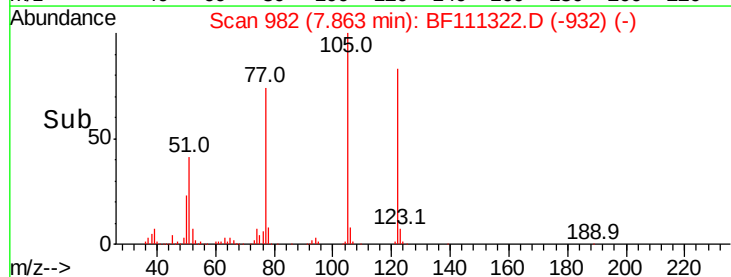
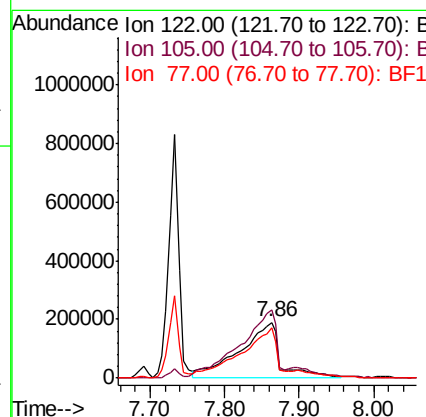
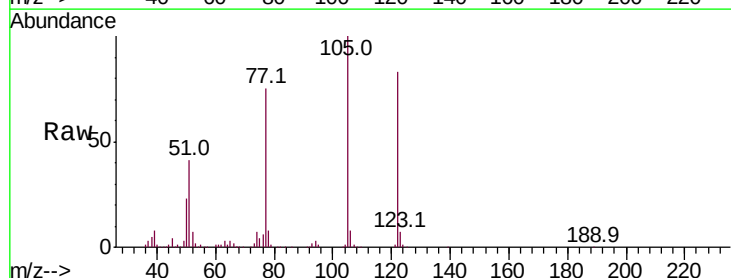
Manual Integrations
APPROVED

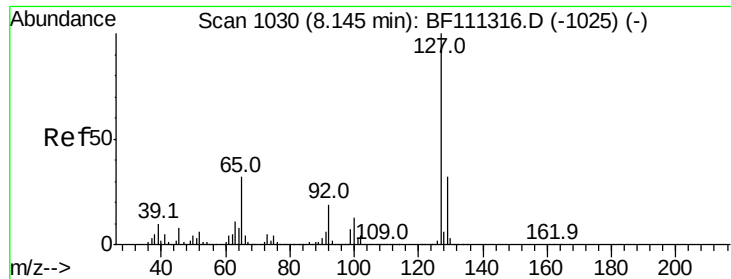
Sohil
12/13/2018 6:06:00 PM



#32
Benzoic acid
Concen: 45.140 ng m
RT: 7.86 min Scan# 982
Delta R.T. -0.01 min
Lab File: BF111322.D
Acq: 12 Dec 2018 15:33

Tgt Ion	Ratio	Lower	Upper
122	100		
105	121.0	97.0	137.0
77	90.3	65.7	105.7





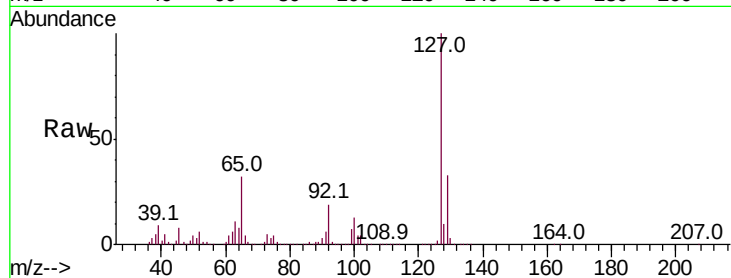
#33
4-Chloroaniline
Concen: 42.106 ng
RT: 8.15 min Scan# 1030
Delta R.T. -0.00 min
Lab File: BF111322.D
Acq: 12 Dec 2018 15:33

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

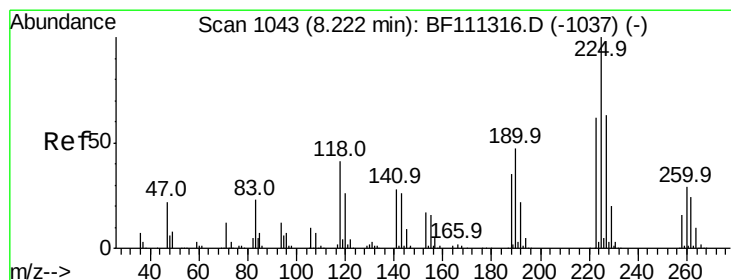
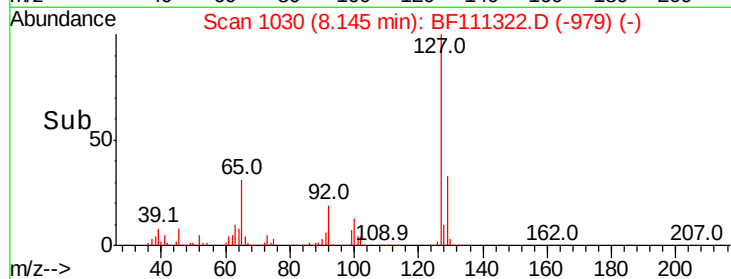
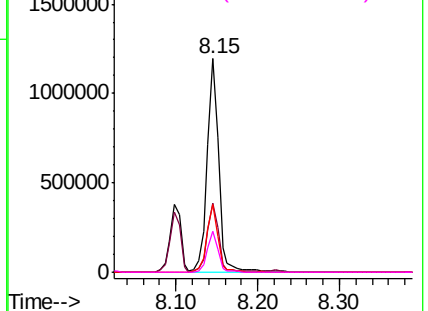
Tot Ion	Ratio	Lower	Upper
127	100		
129	32.6	26.6	39.8
65	32.0	25.7	38.5
92	19.2	15.4	23.2

Manual Integrations
APPROVED

Sohil
12/13/2018 6:06:00 PM

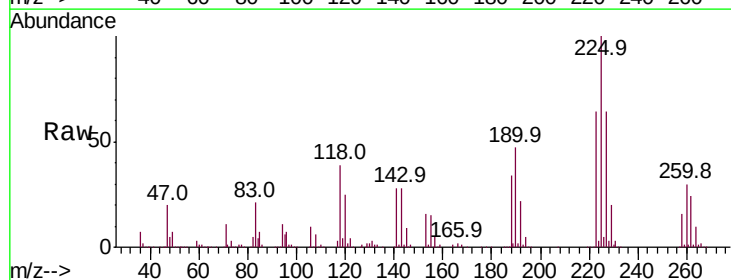


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

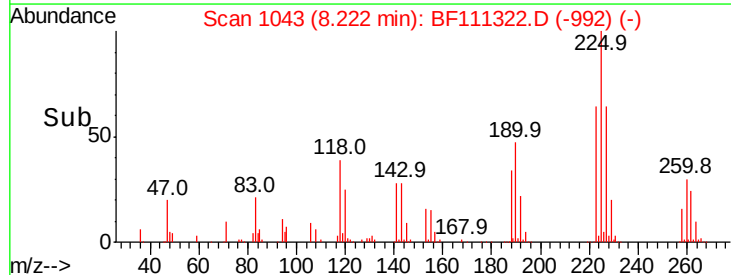
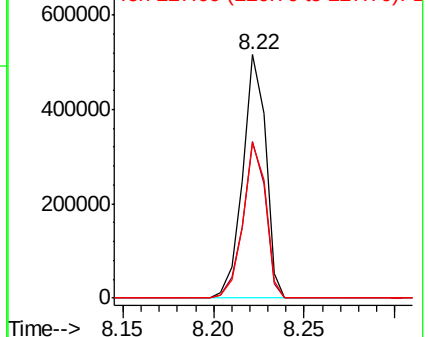


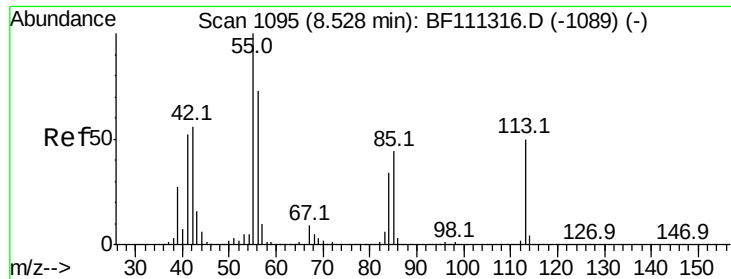
#34
Hexachlorobutadiene
Concen: 40.199 ng
RT: 8.22 min Scan# 1043
Delta R.T. -0.00 min
Lab File: BF111322.D
Acq: 12 Dec 2018 15:33

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.2	50.7	76.1
227	63.6	52.6	78.8



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





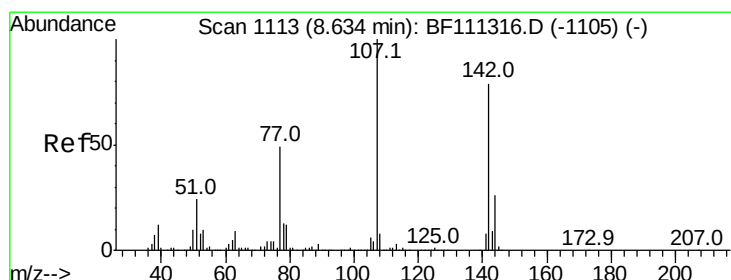
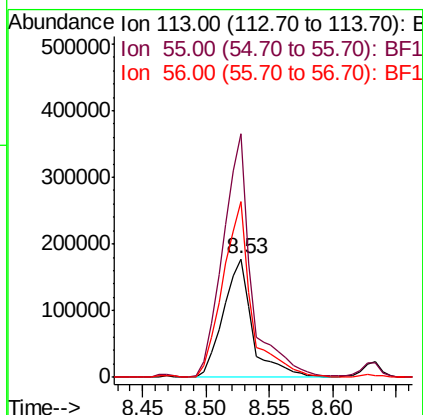
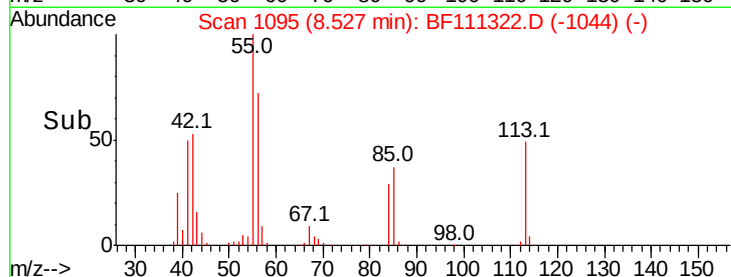
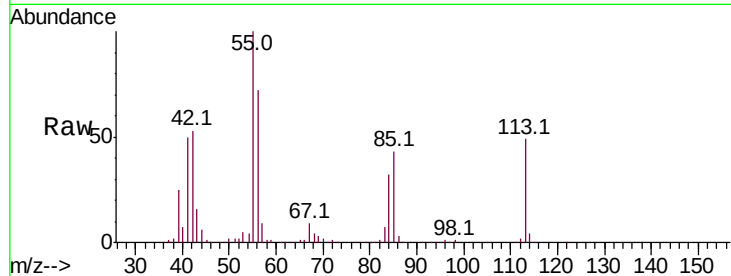
#35
 Caprolactam
 Concen: 40.797 ng
 RT: 8.53 min Scan# 1095
 Delta R.T. -0.00 min
 Lab File: BF111322.D
 Acq: 12 Dec 2018 15:33

Instrument :
 BNA_F
 ClientSampled :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
113	100			
55	205.3	184.1	224.1	
56	148.3	126.0	166.0	

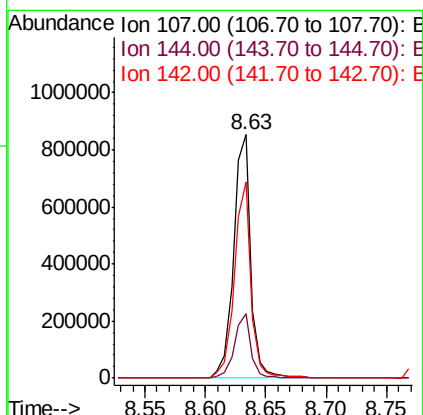
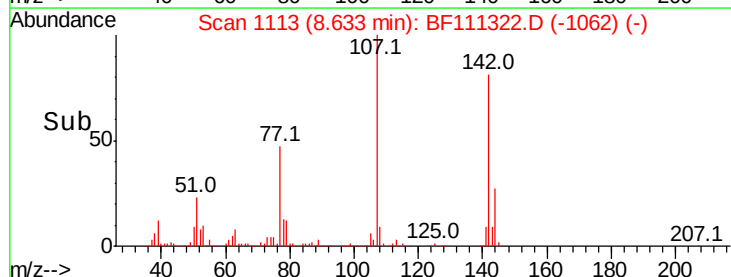
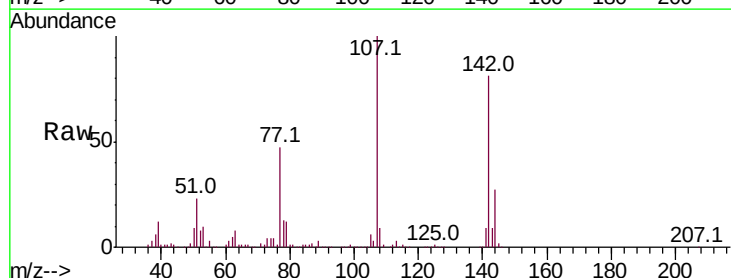
Manual Integrations
 APPROVED

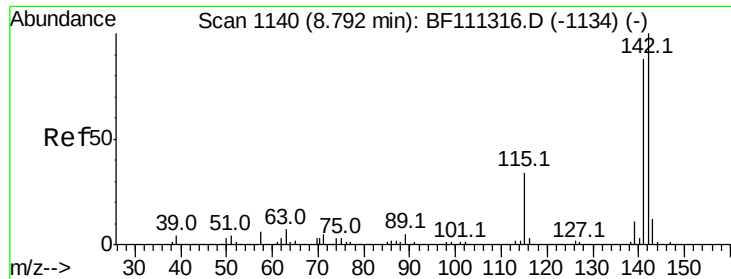
Sohil
 12/13/2018 6:06:00 PM



#36
 4-Chloro-3-methylphenol
 Concen: 40.188 ng
 RT: 8.63 min Scan# 1113
 Delta R.T. -0.00 min
 Lab File: BF111322.D
 Acq: 12 Dec 2018 15:33

Tgt Ion	Ratio	Resp	Lower	Upper
107	100			
144	26.6	19.8	29.6	
142	80.8	62.3	93.5	





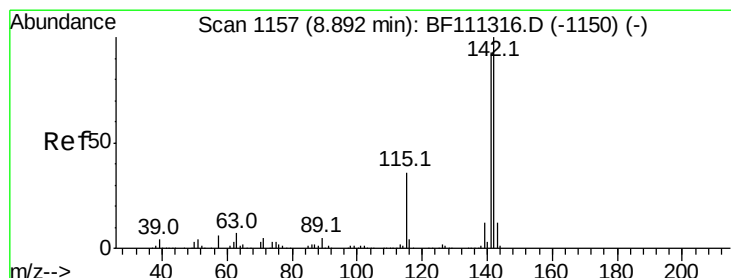
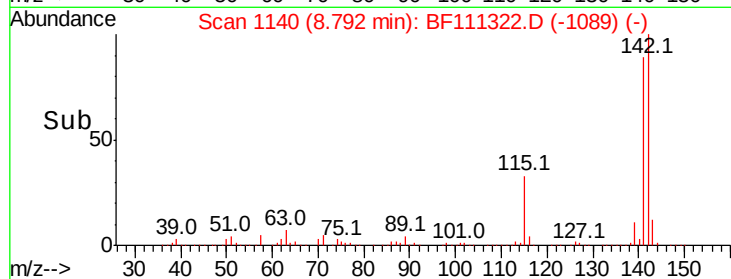
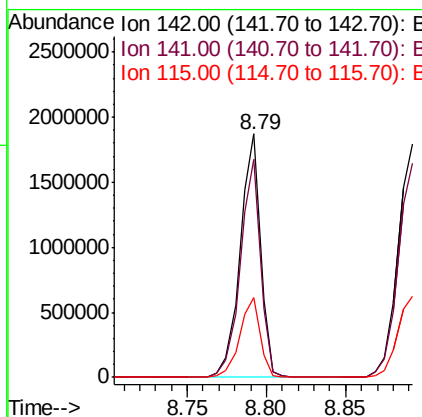
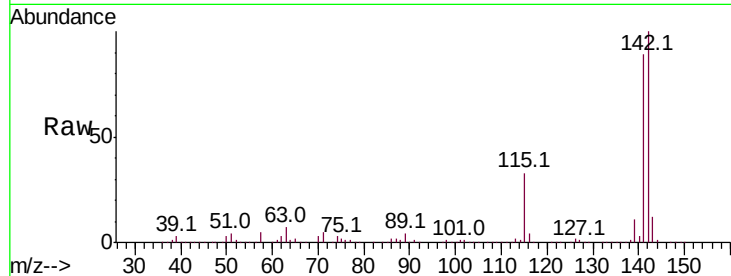
#37
2-Methylnaphthalene
Concen: 39.645 ng
RT: 8.79 min Scan# 1140
Delta R.T. -0.00 min
Lab File: BF111322.D
Acq: 12 Dec 2018 15:33

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.3	70.6	105.8
115	32.7	27.0	40.6

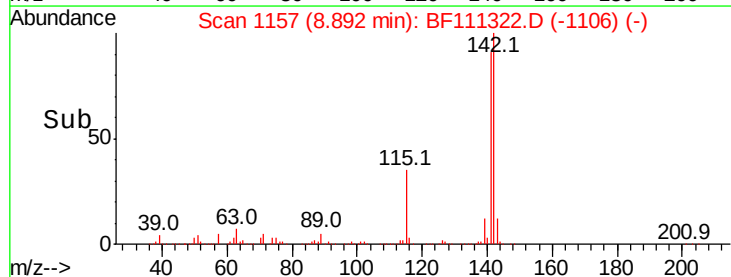
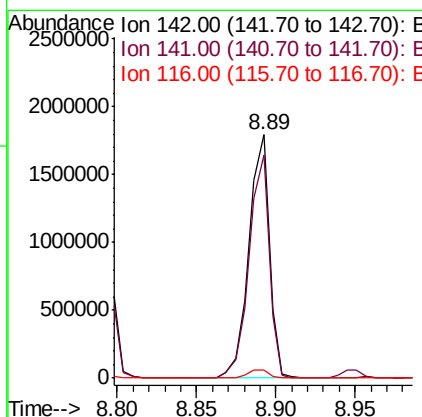
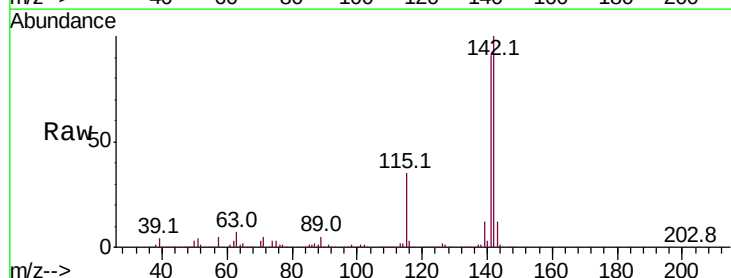
Manual Integrations
APPROVED

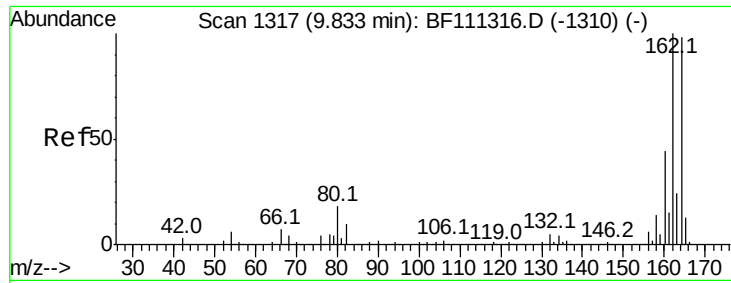
Sohil
12/13/2018 6:06:00 PM



#38
1-Methylnaphthalene
Concen: 39.550 ng
RT: 8.89 min Scan# 1157
Delta R.T. -0.00 min
Lab File: BF111322.D
Acq: 12 Dec 2018 15:33

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.5	74.2	111.4
116	3.4	2.9	4.3





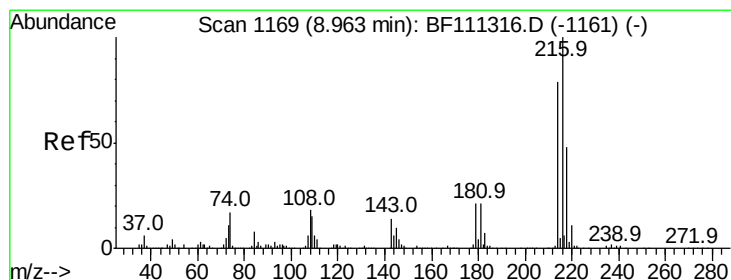
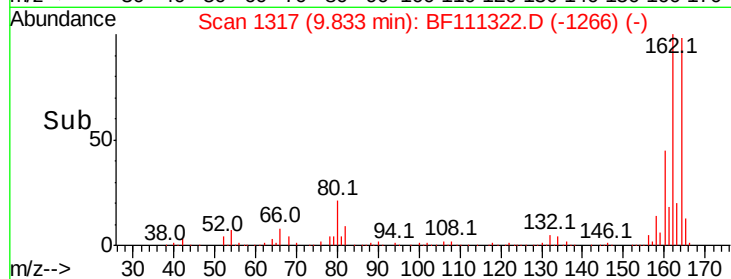
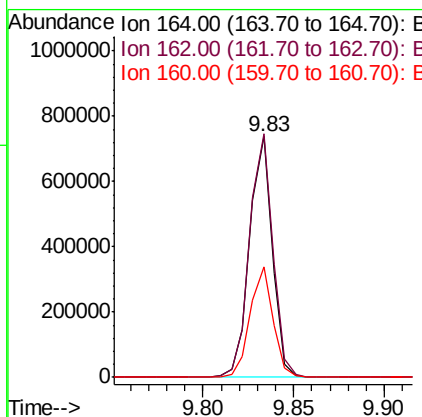
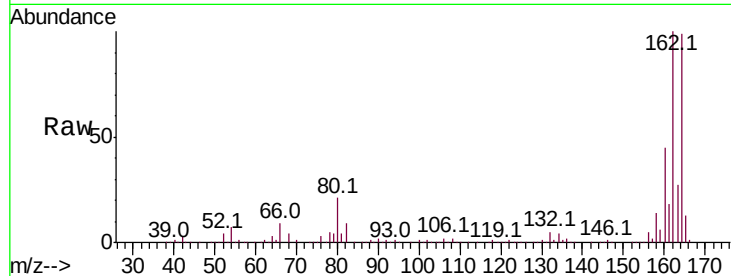
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.83 min Scan# 1317
Delta R.T. -0.00 min
Lab File: BF111322.D
Acq: 12 Dec 2018 15:33

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
164	100		
162	101.1	81.4	122.0
160	45.7	35.7	53.5

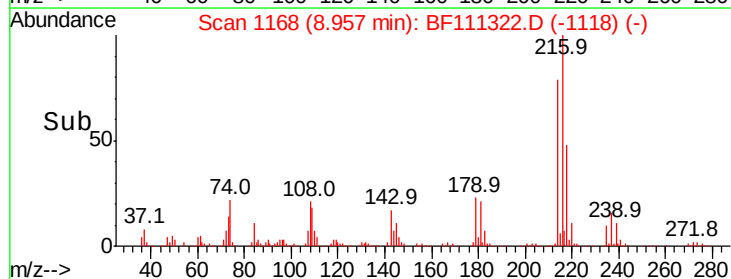
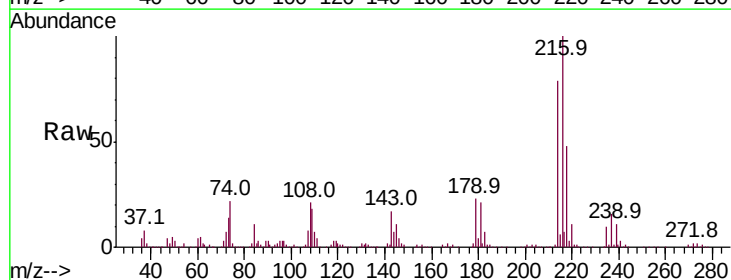
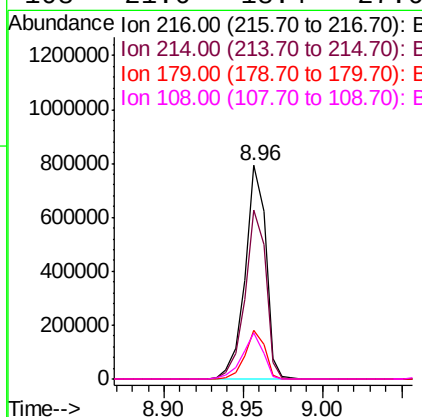
Manual Integrations
APPROVED

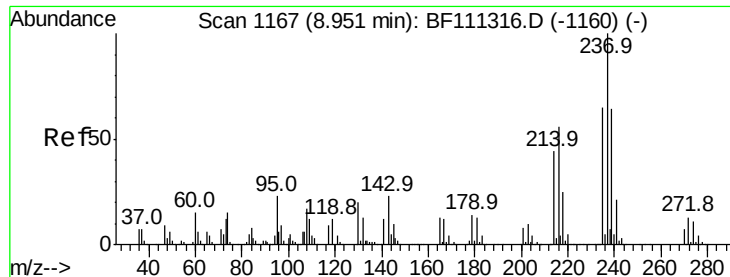
Sohil
12/13/2018 6:06:00 PM



#40
1,2,4,5-Tetrachlorobenzene
Concen: 39.464 ng
RT: 8.96 min Scan# 1168
Delta R.T. -0.01 min
Lab File: BF111322.D
Acq: 12 Dec 2018 15:33

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.8	63.8	95.8
179	21.9	17.9	26.9
108	21.6	18.4	27.6





#41

Hexachlorocyclopentadiene

Concen: 40.356 ng

RT: 8.95 min Scan# 1167

Delta R.T. -0.00 min

Lab File: BF111322.D

Acq: 12 Dec 2018 15:33

Instrument :

BNA_F

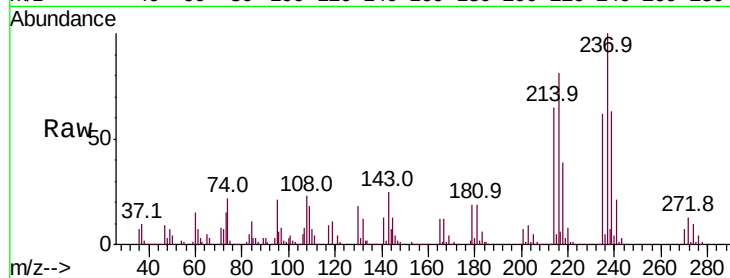
ClientSampleId :

SSTDCCC040

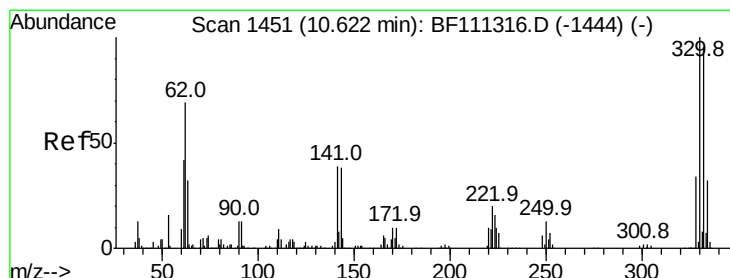
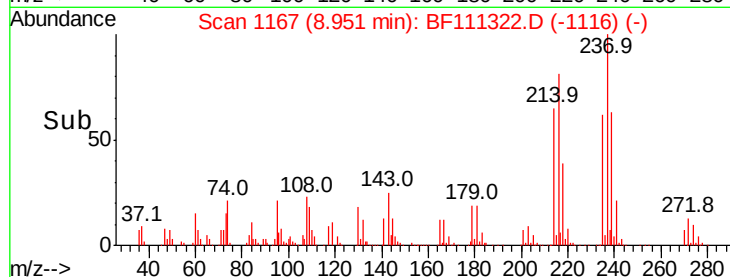
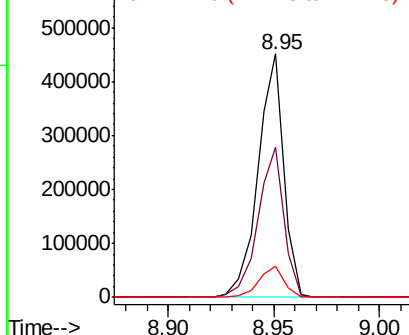
Tot Ion:	237	Resp:	382052
Ion Ratio	Lower	Upper	
237	100		
235	61.7	43.1	83.1
272	12.6	0.0	33.0

Manual Integrations
APPROVED

Sohil
12/13/2018 6:06:00 PM



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



#42

2,4,6-Tribromophenol

Concen: 79.845 ng

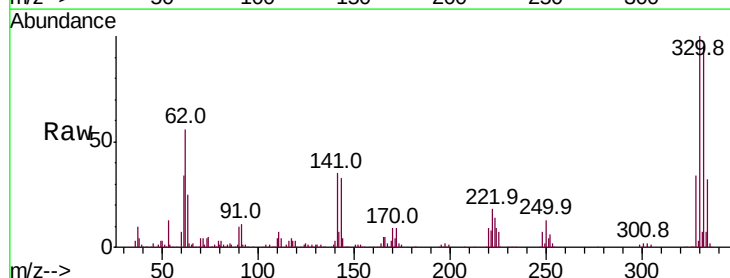
RT: 10.62 min Scan# 1451

Delta R.T. -0.00 min

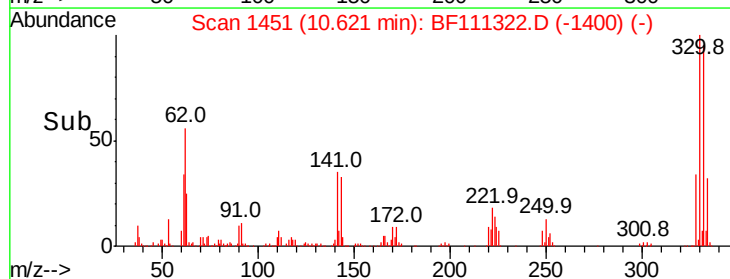
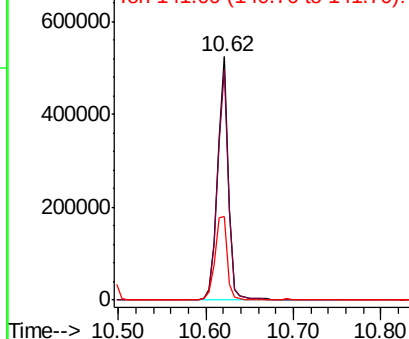
Lab File: BF111322.D

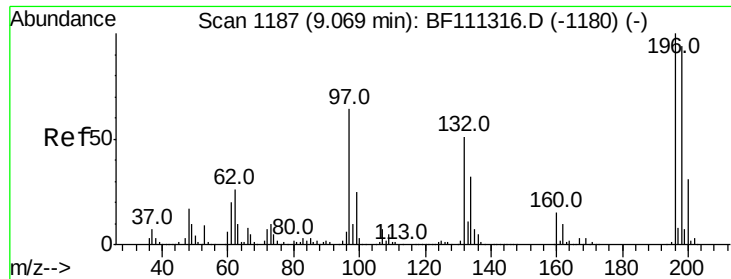
Acq: 12 Dec 2018 15:33

Tgt Ion:	330	Resp:	453982
Ion Ratio	Lower	Upper	
330	100		
332	95.7	76.0	114.0
141	39.1	31.0	46.6



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





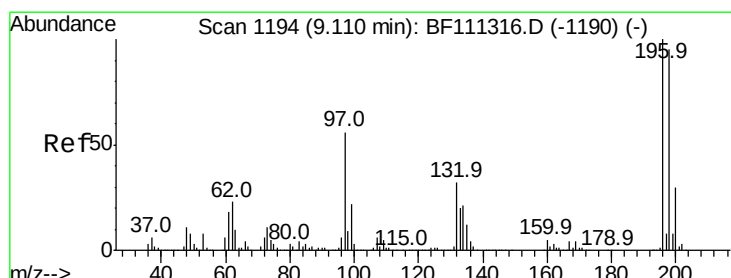
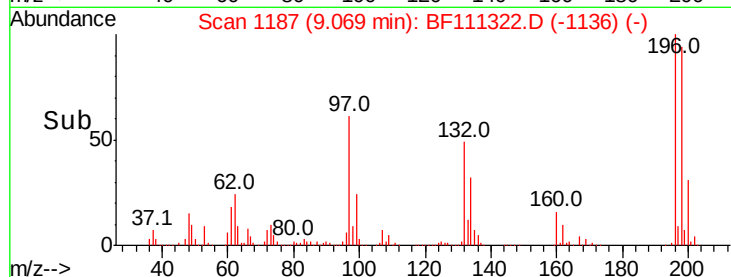
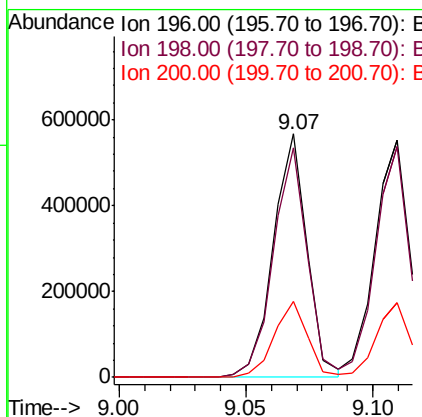
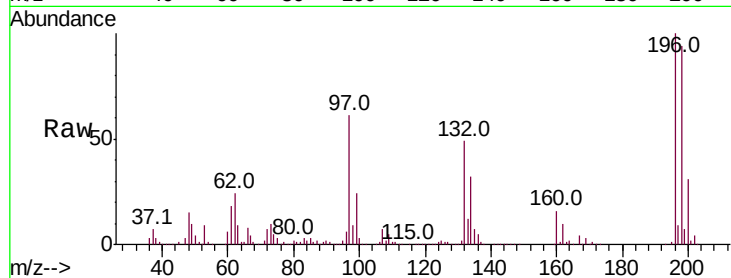
#43
 2,4,6-Trichlorophenol
 Concen: 40.198 ng
 RT: 9.07 min Scan# 1187
 Delta R.T. -0.00 min
 Lab File: BF111322.D
 Acq: 12 Dec 2018 15:33

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:	196	Resp:	521638
Ion Ratio	Lower	Upper	
196	100		
198	94.2	76.3	114.5
200	31.1	24.9	37.3

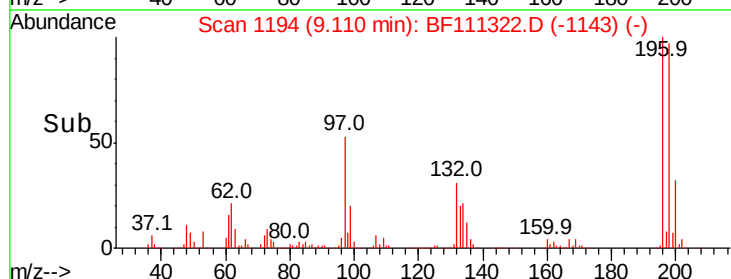
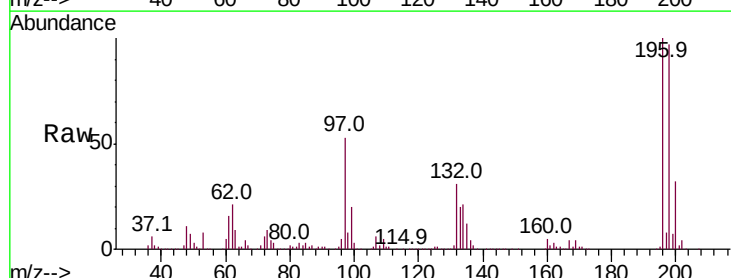
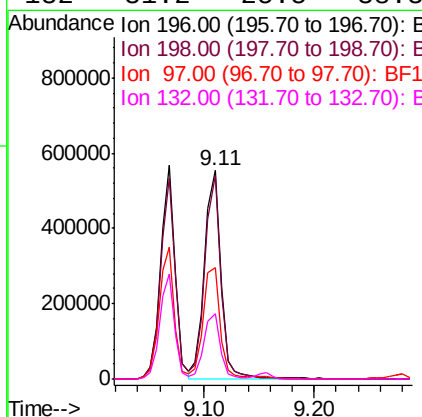
Manual Integrations
 APPROVED

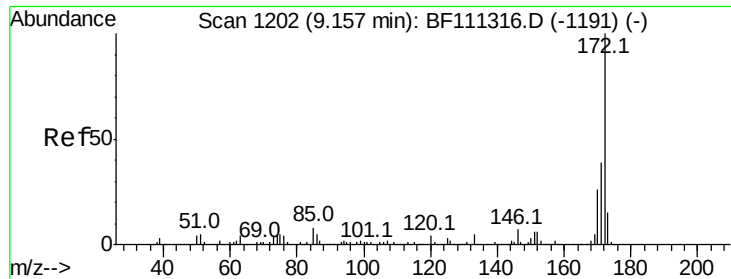
Sohil
 12/13/2018 6:06:00 PM



#44
 2,4,5-Trichlorophenol
 Concen: 40.610 ng
 RT: 9.11 min Scan# 1194
 Delta R.T. -0.00 min
 Lab File: BF111322.D
 Acq: 12 Dec 2018 15:33

Tgt Ion:	196	Resp:	556941
Ion Ratio	Lower	Upper	
196	100		
198	97.4	72.9	109.3
97	53.4	45.3	67.9
132	31.2	25.5	38.3





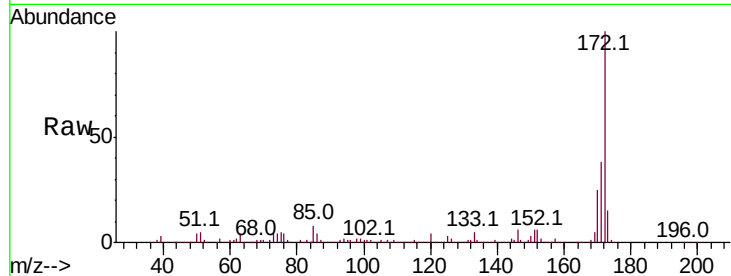
#45
2-Fluorobiphenyl
Concen: 80.513 ng
RT: 9.16 min Scan# 1202
Delta R.T. -0.00 min
Lab File: BF111322.D
Acq: 12 Dec 2018 15:33

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
172	100		
171	38.3	33.0	49.4
170	25.4	22.3	33.5

Manual Integrations
APPROVED

Sohil
12/13/2018 6:06:00 PM

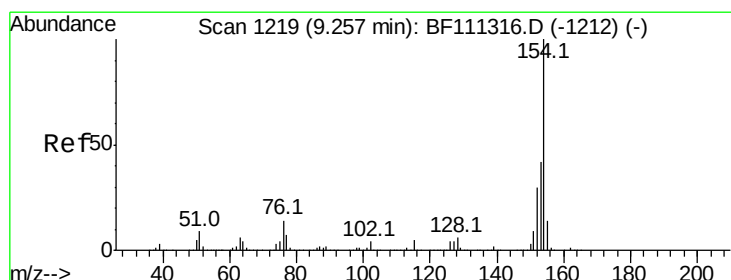
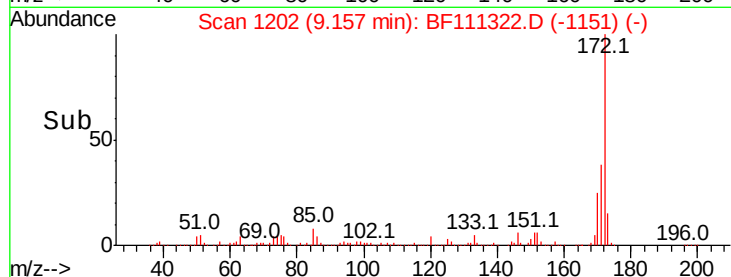
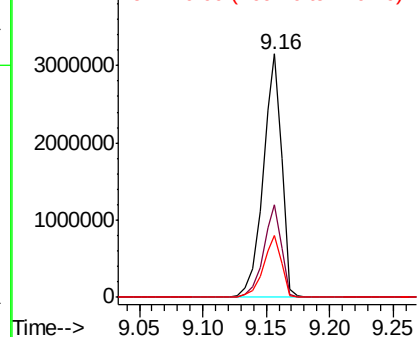


Abundance

Ion 172.00 (171.70 to 172.70): E

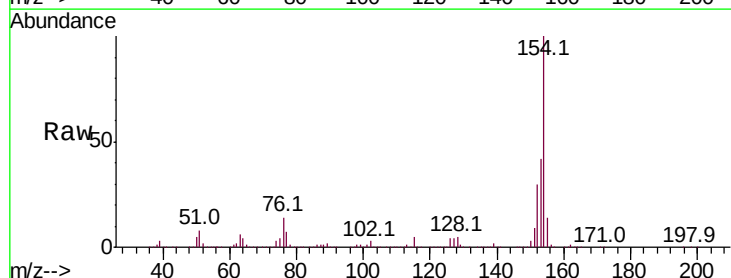
Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46
1,1'-Biphenyl
Concen: 39.325 ng
RT: 9.26 min Scan# 1219
Delta R.T. -0.00 min
Lab File: BF111322.D
Acq: 12 Dec 2018 15:33

Tgt Ion	Ratio	Lower	Upper
154	100		
153	42.1	23.7	63.7
76	13.5	0.0	35.0

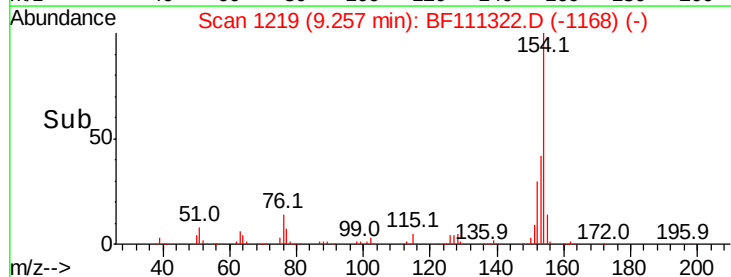
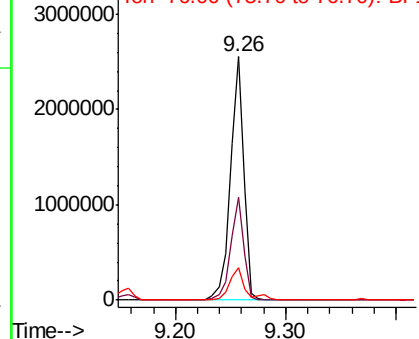


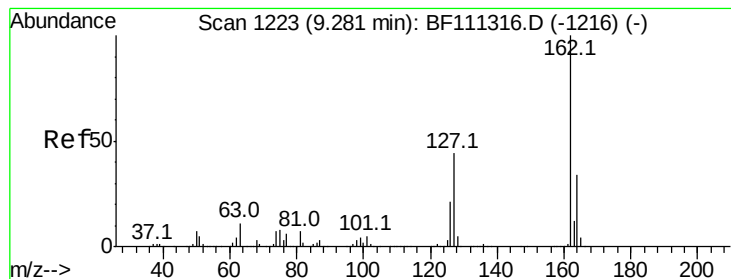
Abundance

Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1





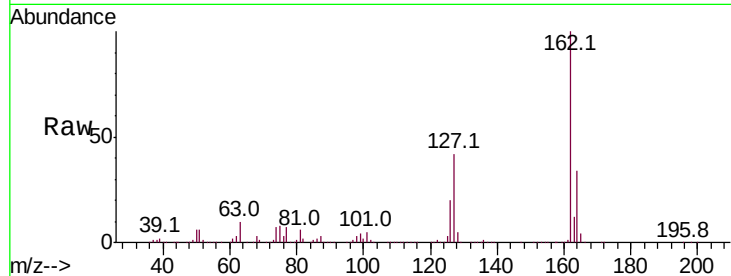
#47
 2-Chloronaphthalene
 Concen: 40.109 ng
 RT: 9.28 min Scan# 1223
 Delta R.T. -0.00 min
 Lab File: BF111322.D
 Acq: 12 Dec 2018 15:33

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

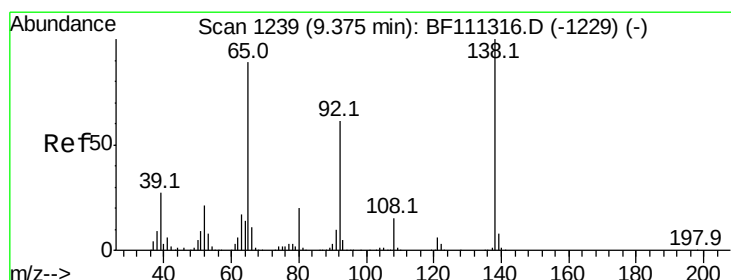
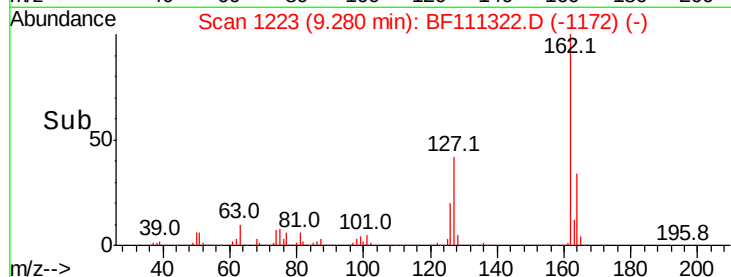
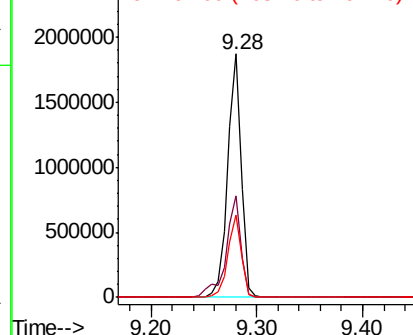
Tot Ion	Ratio	Lower	Upper
162	100		
127	41.8	35.0	52.4
164	33.8	28.4	42.6

Manual Integrations
 APPROVED

Sohil
 12/13/2018 6:06:00 PM

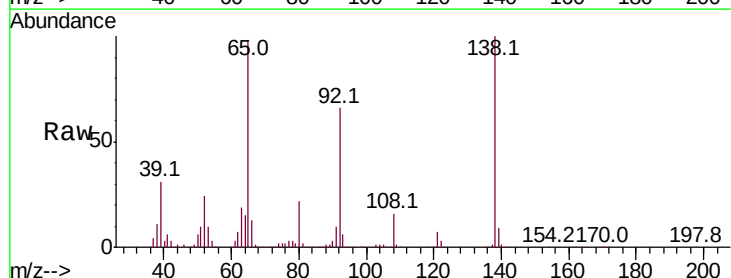


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

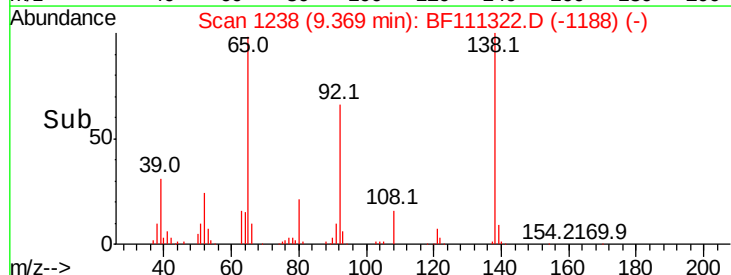
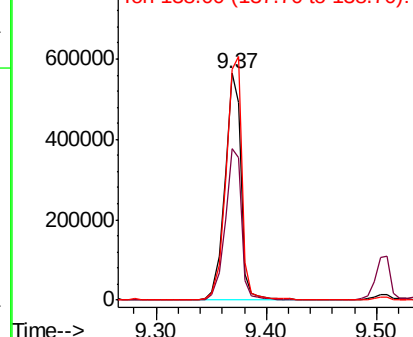


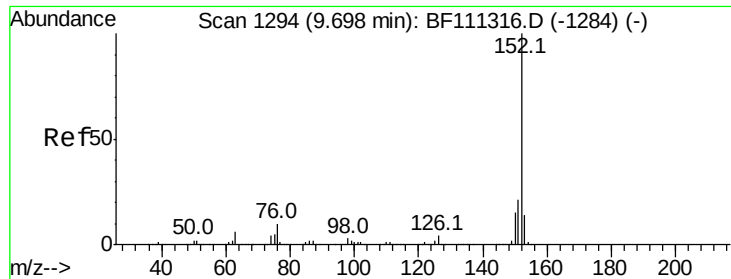
#48
 2-Nitroaniline
 Concen: 41.942 ng
 RT: 9.37 min Scan# 1238
 Delta R.T. -0.01 min
 Lab File: BF111322.D
 Acq: 12 Dec 2018 15:33

Tgt Ion	Ratio	Lower	Upper
65	100		
92	67.1	53.5	80.3
138	101.7	80.9	121.3



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: 39.755 ng

RT: 9.69 min Scan# 1293

Delta R.T. -0.01 min

Lab File: BF111322.D

Acq: 12 Dec 2018 15:33

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:152 Resp: 2447936

Ion Ratio Lower Upper

152 100

151 21.1 18.0 27.0

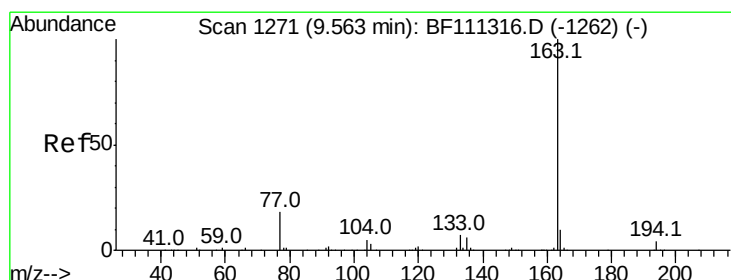
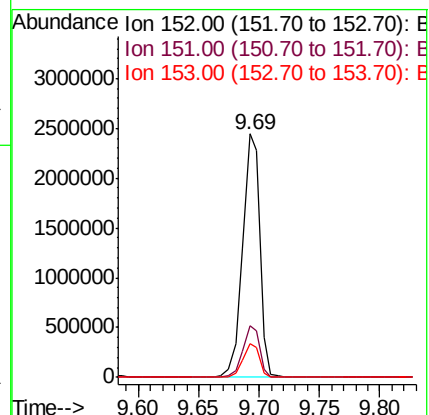
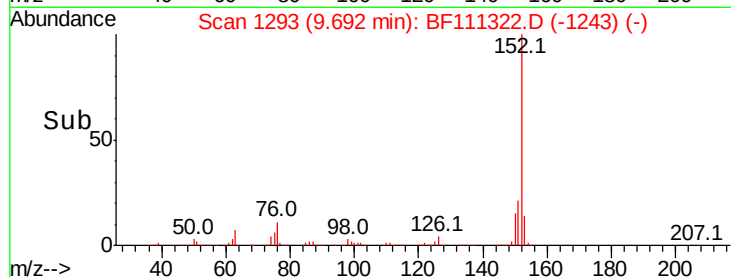
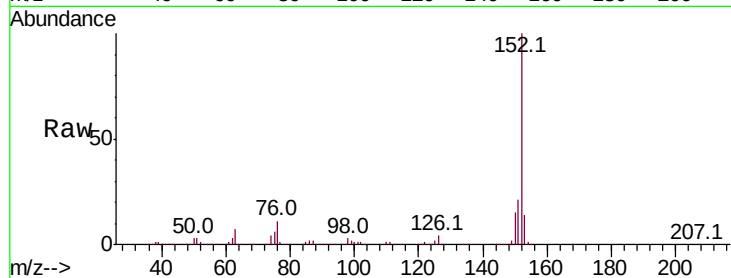
153 14.1 12.3 18.5

Manual Integrations

APPROVED

Sohil

12/13/2018 6:06:00 PM



#50

Dimethylphthalate

Concen: 39.871 ng

RT: 9.56 min Scan# 1270

Delta R.T. -0.01 min

Lab File: BF111322.D

Acq: 12 Dec 2018 15:33

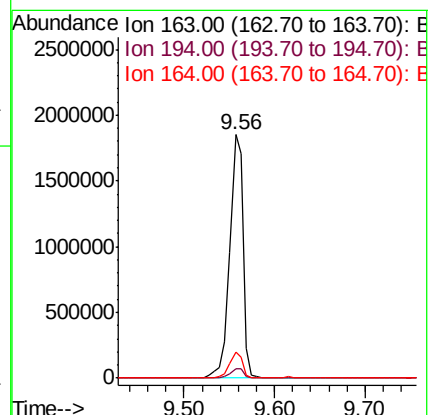
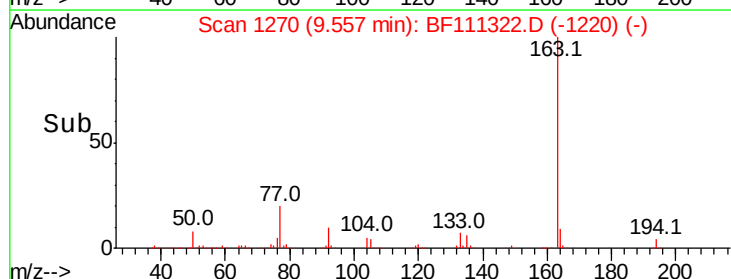
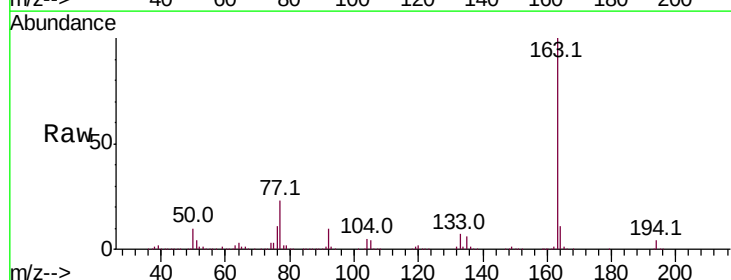
Tgt Ion:163 Resp: 1849331

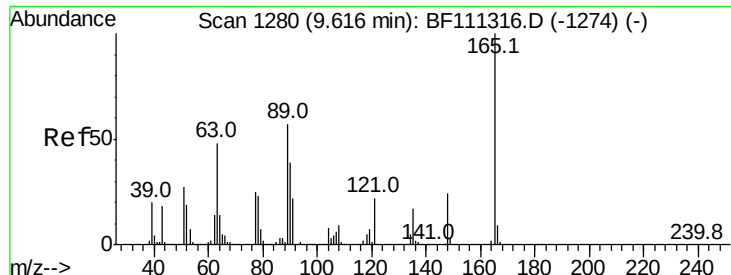
Ion Ratio Lower Upper

163 100

194 3.8 3.0 4.6

164 10.7 8.9 13.3





#51

2,6-Dinitrotoluene

Concen: 41.713 ng

RT: 9.62 min Scan# 1280

Delta R.T. -0.00 min

Lab File: BF111322.D

Acq: 12 Dec 2018 15:33

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:165 Resp: 428863

Ion Ratio Lower Upper

165 100

63 57.3 40.5 60.7

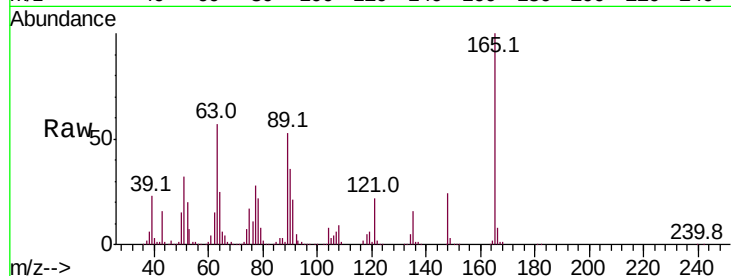
89 53.1 40.0 60.0

Manual Integrations

APPROVED

Sohil

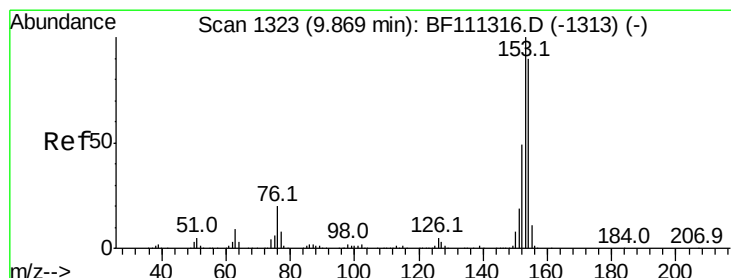
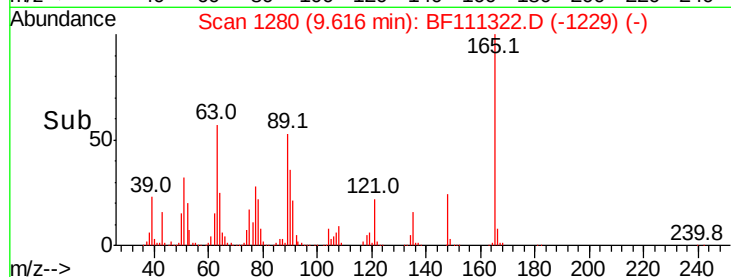
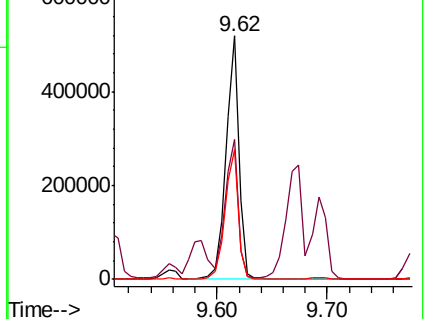
12/13/2018 6:06:00 PM



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: 39.881 ng

RT: 9.87 min Scan# 1323

Delta R.T. -0.00 min

Lab File: BF111322.D

Acq: 12 Dec 2018 15:33

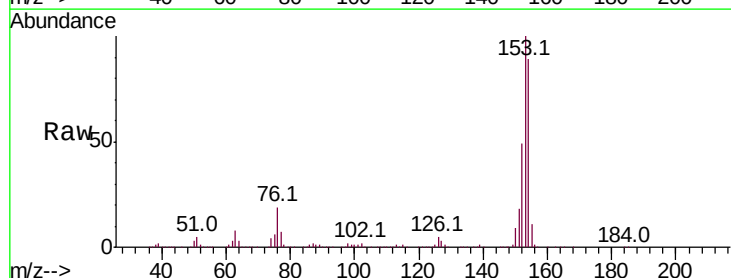
Tgt Ion:154 Resp: 1548883

Ion Ratio Lower Upper

154 100

153 112.4 87.8 131.8

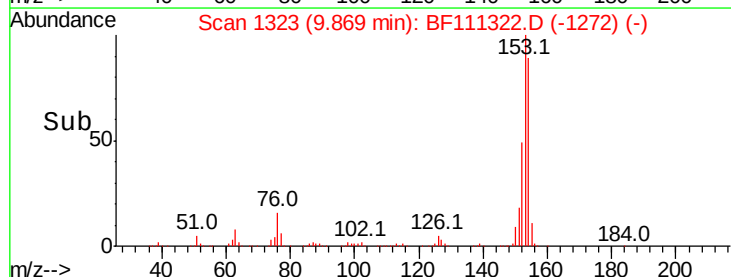
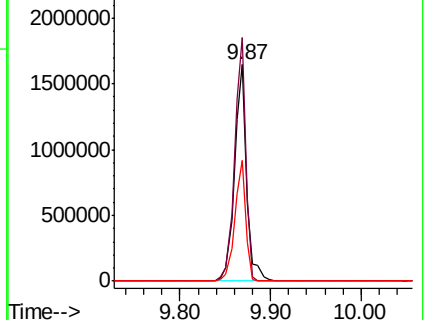
152 55.4 43.4 65.2

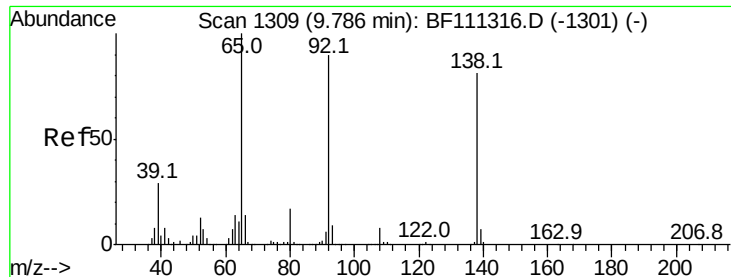


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#53

3-Nitroaniline

Concen: 41.686 ng

RT: 9.78 min Scan# 1308

Delta R.T. -0.01 min

Lab File: BF111322.D

Acq: 12 Dec 2018 15:33

Instrument :

BNA_F

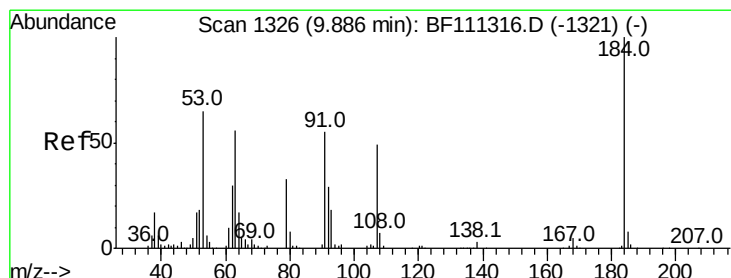
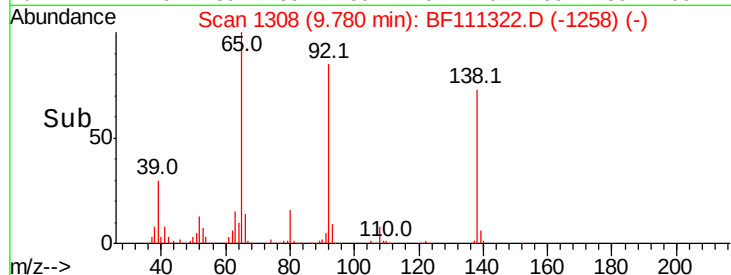
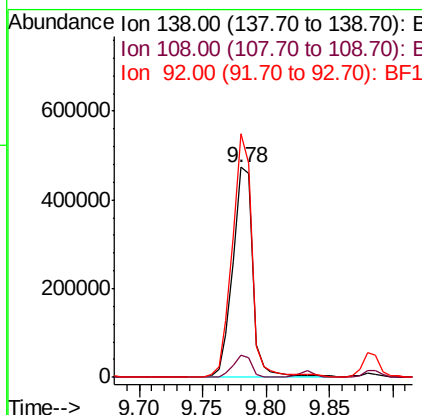
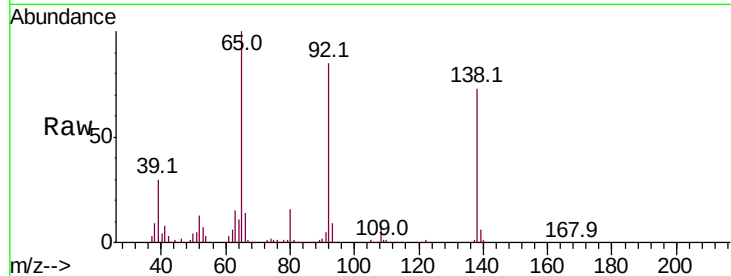
ClientSampleId :

SSTDCCC040

Tot Ion:	138	Resp:	515146
Ion Ratio	Lower	Upper	
138	100		
108	10.6	8.2	12.4
92	115.9	93.4	140.2

Manual Integrations
APPROVED

Sohil
12/13/2018 6:06:00 PM



#54

2,4-Dinitrophenol

Concen: 43.016 ng

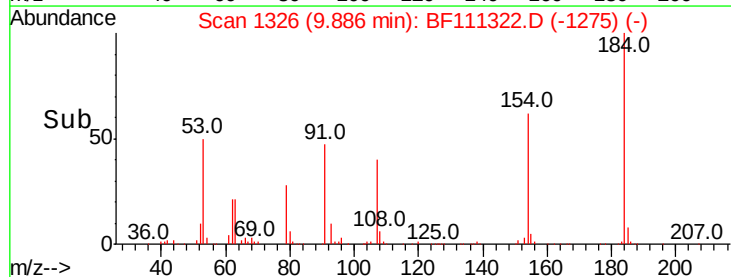
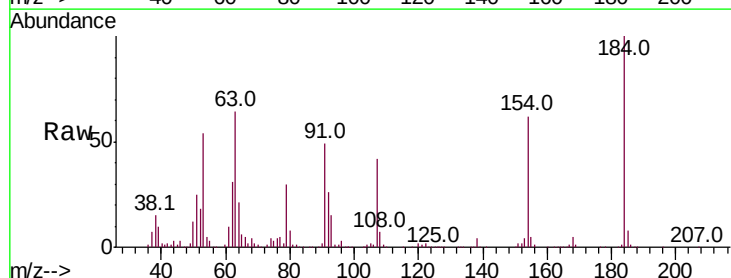
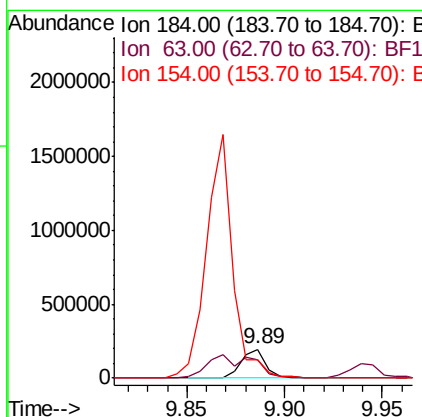
RT: 9.89 min Scan# 1326

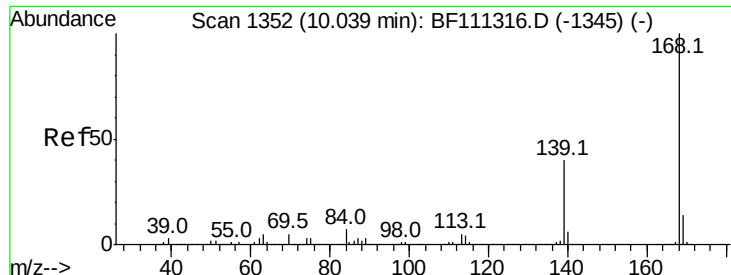
Delta R.T. -0.00 min

Lab File: BF111322.D

Acq: 12 Dec 2018 15:33

Tgt Ion:	184	Resp:	173511
Ion Ratio	Lower	Upper	
184	100		
63	63.7	62.3	93.5
154	62.0	56.2	84.2





#55

Dibenzofuran

Concen: 39.637 ng

RT: 10.04 min Scan# 1352

Delta R.T. -0.00 min

Lab File: BF111322.D

Acq: 12 Dec 2018 15:33

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:168 Resp: 2222318

Ion Ratio Lower Upper

168 100

139 39.7 32.6 49.0

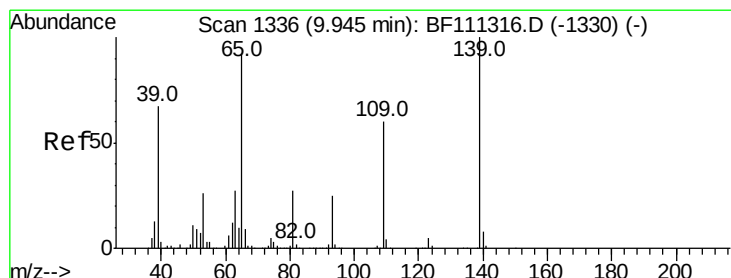
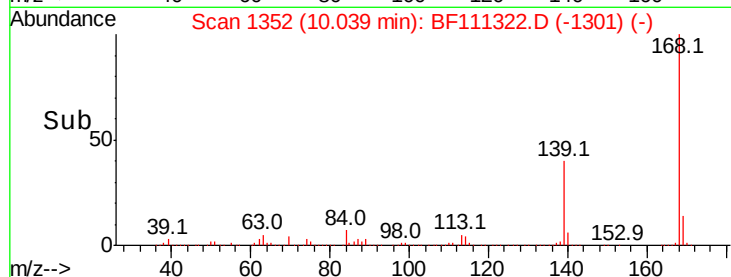
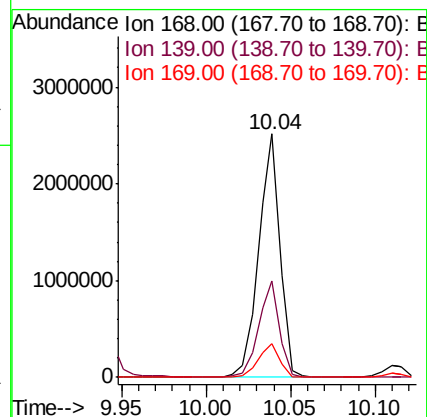
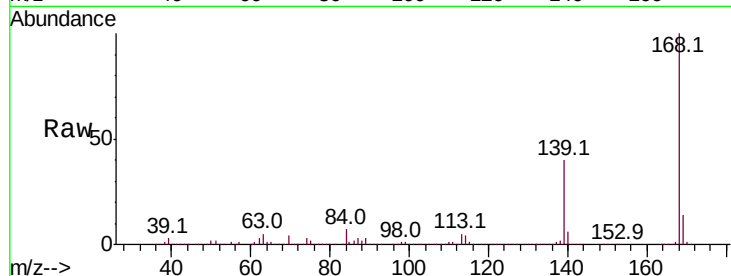
169 14.0 11.8 17.6

Manual Integrations

APPROVED

Sohil

12/13/2018 6:06:00 PM



#56

4-Nitrophenol

Concen: 43.919 ng

RT: 9.95 min Scan# 1336

Delta R.T. -0.00 min

Lab File: BF111322.D

Acq: 12 Dec 2018 15:33

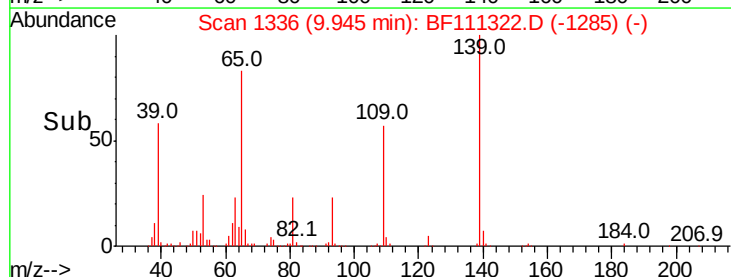
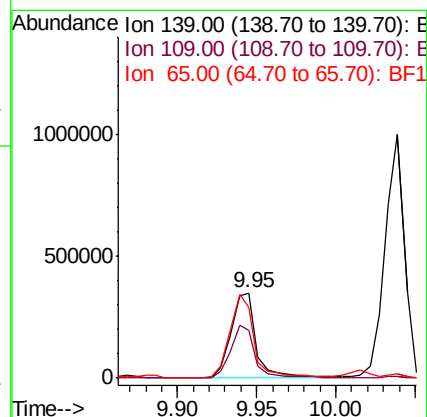
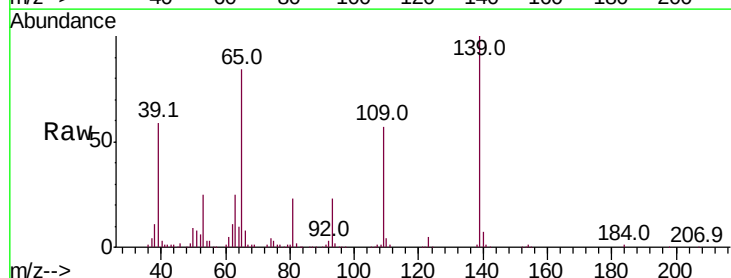
Tgt Ion:139 Resp: 390851

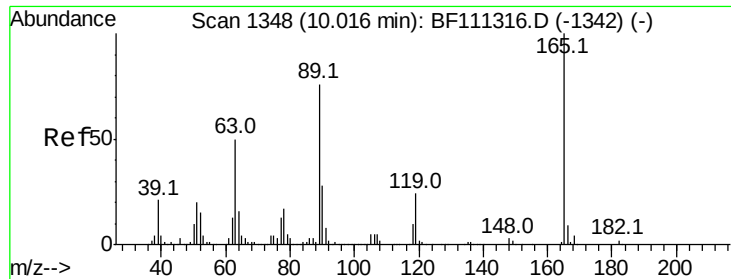
Ion Ratio Lower Upper

139 100

109 56.7 41.8 81.8

65 83.7 79.6 119.6





#57

2,4-Dinitrotoluene

Concen: 42.242 ng

RT: 10.02 min Scan# 1348

Delta R.T. -0.00 min

Lab File: BF111322.D

Acq: 12 Dec 2018 15:33

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:165 Resp: 556608

Ion Ratio Lower Upper

165 100

63 48.1 34.6 52.0

89 76.0 56.2 84.4

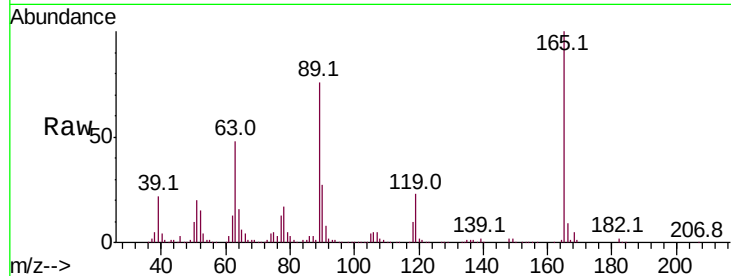
182 2.4 1.8 2.6

Manual Integrations

APPROVED

Sohil

12/13/2018 6:06:00 PM

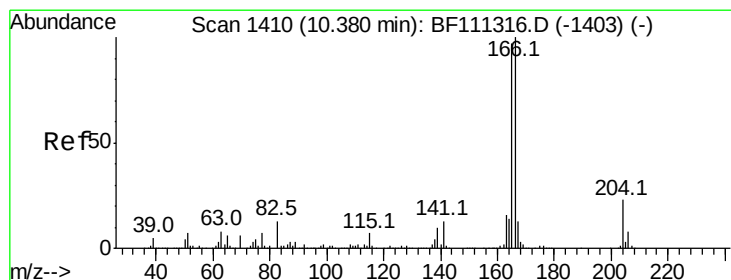
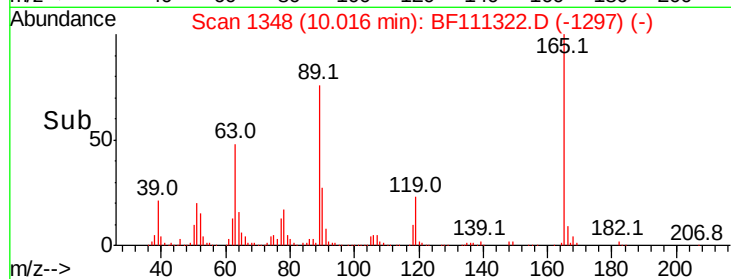
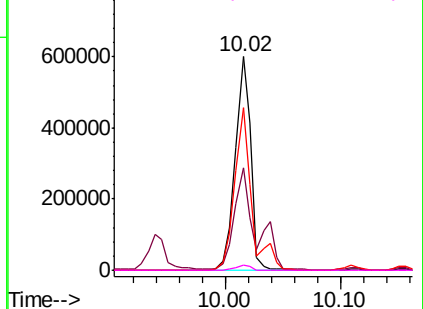


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58

Fluorene

Concen: 39.012 ng

RT: 10.38 min Scan# 1410

Delta R.T. -0.00 min

Lab File: BF111322.D

Acq: 12 Dec 2018 15:33

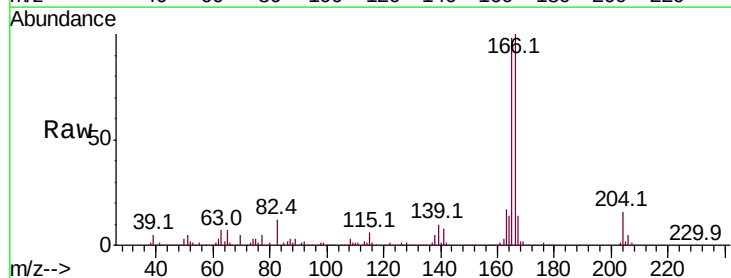
Tgt Ion:166 Resp: 1564702

Ion Ratio Lower Upper

166 100

165 97.7 78.4 117.6

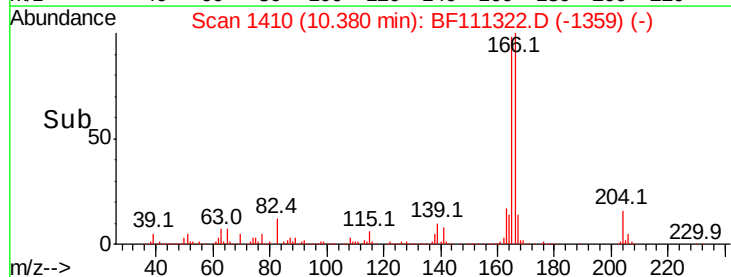
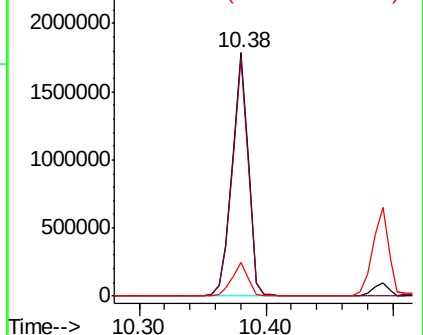
167 13.9 11.2 16.8

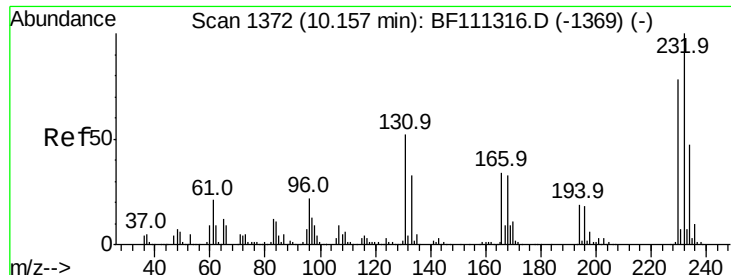


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#59

2,3,4,6-Tetrachlorophenol

Concen: 40.707 ng

RT: 10.16 min Scan# 1372

Delta R.T. -0.00 min

Lab File: BF111322.D

Acq: 12 Dec 2018 15:33

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:232 Resp: 431269

Ion Ratio Lower Upper

232 100

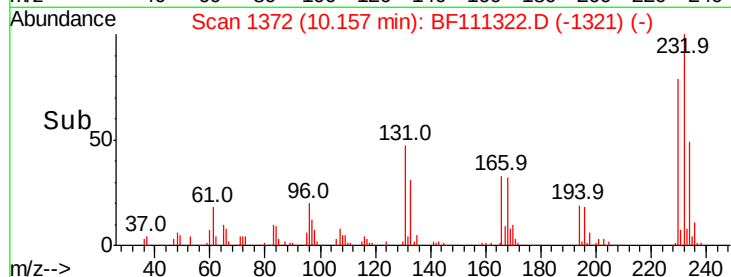
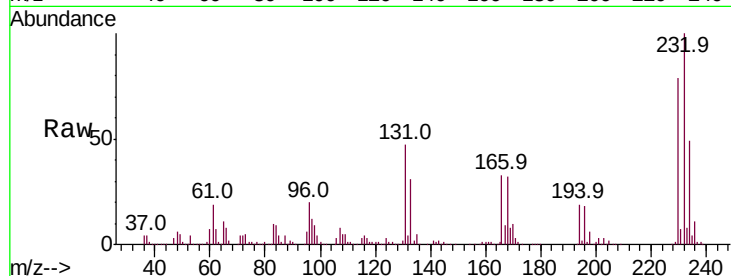
131 50.7 40.9 61.3

130 2.4 2.0 3.0

166 33.7 26.8 40.2

Manual Integrations
APPROVED

Sohil
12/13/2018 6:06:00 PM

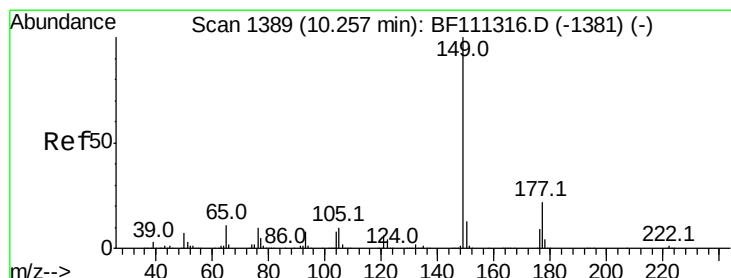
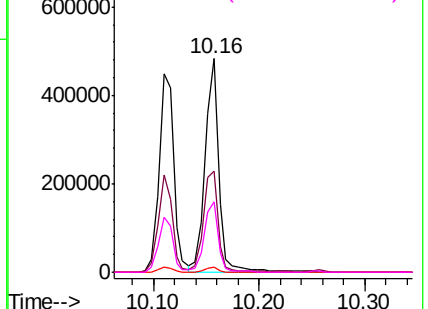


Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60

Diethylphthalate

Concen: 39.569 ng

RT: 10.26 min Scan# 1389

Delta R.T. -0.00 min

Lab File: BF111322.D

Acq: 12 Dec 2018 15:33

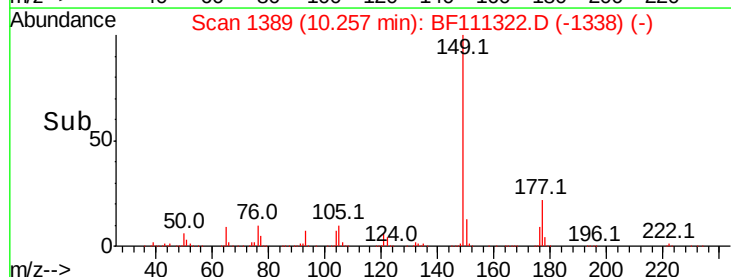
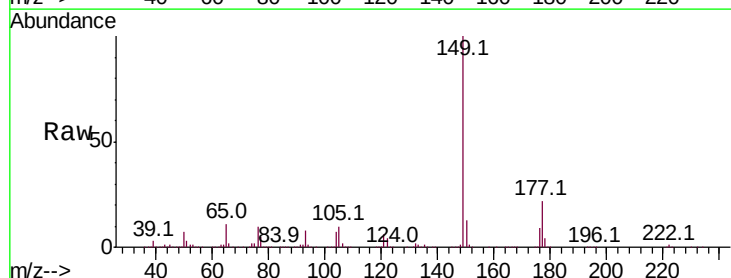
Tgt Ion:149 Resp: 1847691

Ion Ratio Lower Upper

149 100

177 22.4 18.3 27.5

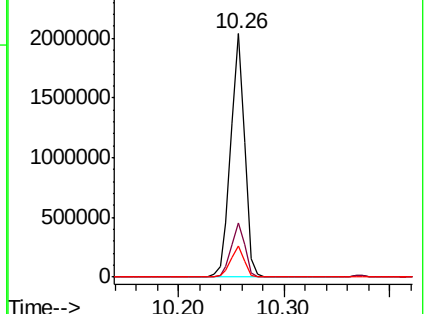
150 13.0 10.6 15.8

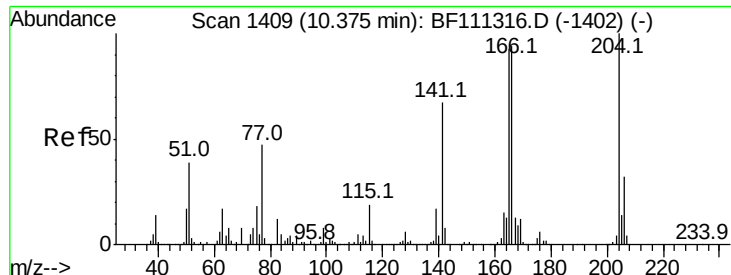


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E





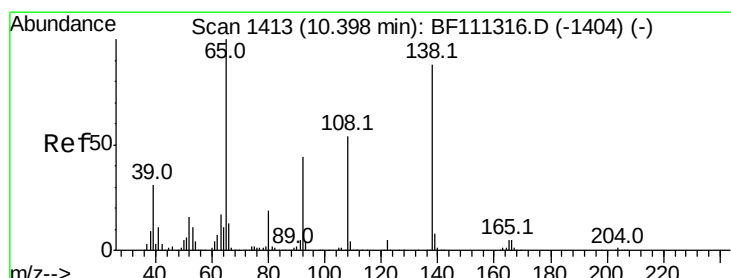
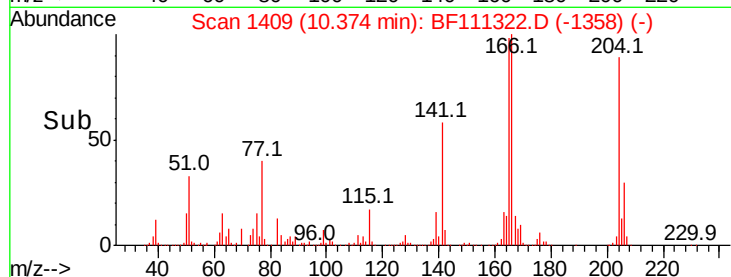
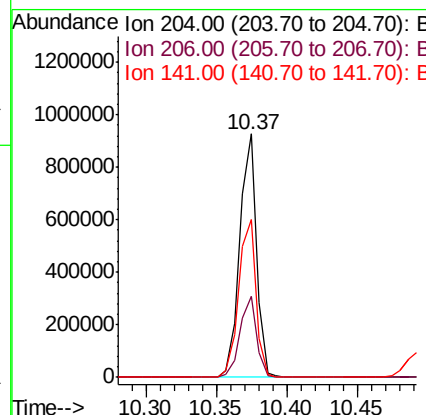
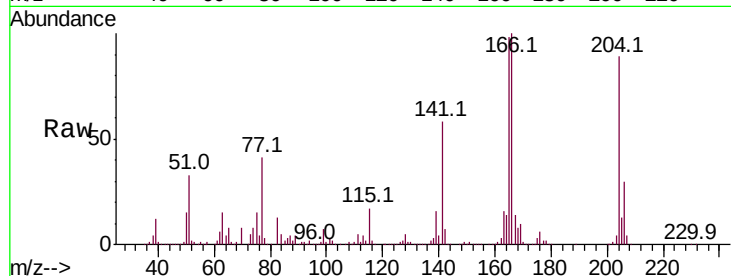
#61
4-Chlorophenyl-phenylether
Concen: 38.748 ng
RT: 10.37 min Scan# 1409
Delta R.T. -0.00 min
Lab File: BF111322.D
Acq: 12 Dec 2018 15:33

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.3	26.6	39.8
141	65.1	52.6	78.8

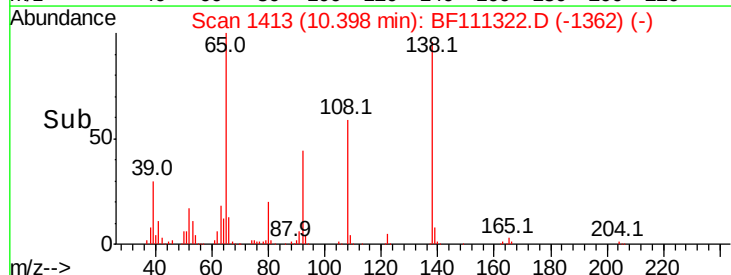
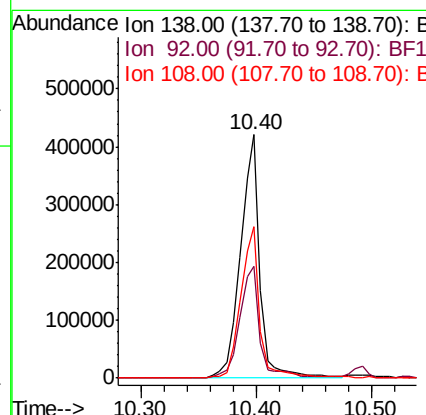
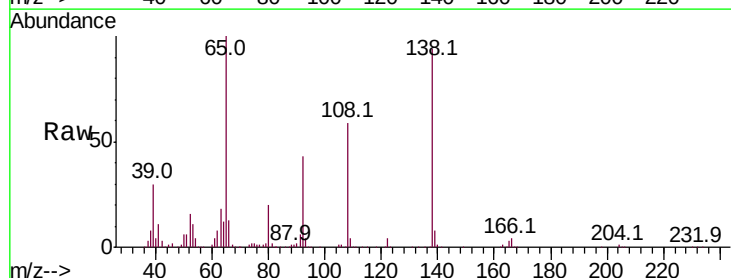
Manual Integrations
APPROVED

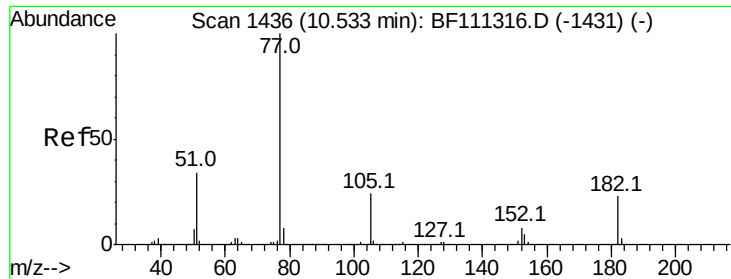
Sohil
12/13/2018 6:06:00 PM



#62
4-Nitroaniline
Concen: 41.030 ng
RT: 10.40 min Scan# 1413
Delta R.T. -0.00 min
Lab File: BF111322.D
Acq: 12 Dec 2018 15:33

Tgt Ion	Ratio	Lower	Upper
138	100		
92	46.1	29.9	69.9
108	62.3	43.2	83.2





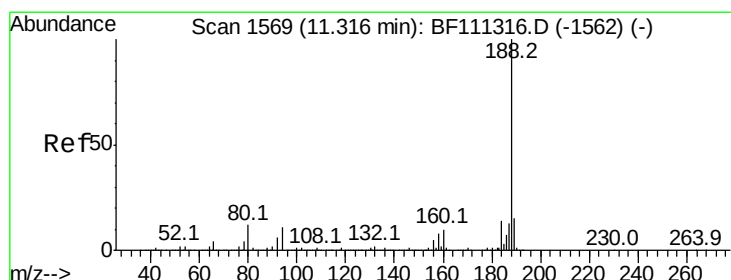
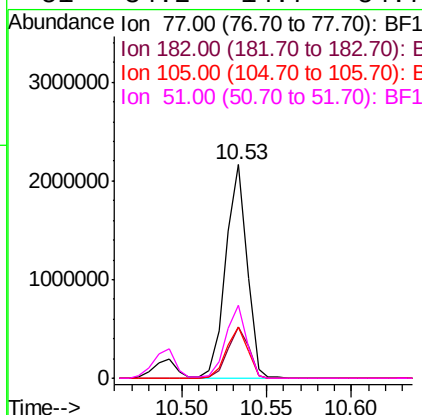
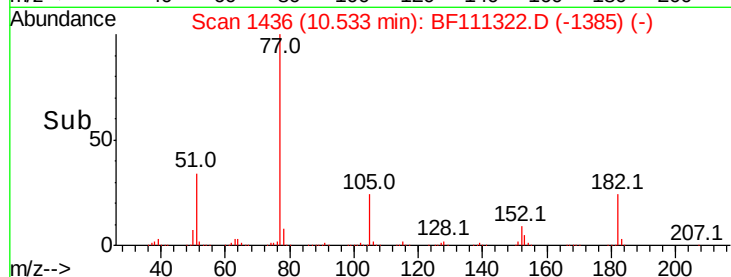
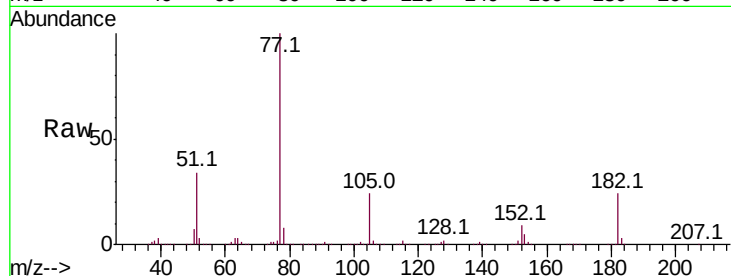
#63
Azobenzene
Concen: 40.272 ng
RT: 10.53 min Scan# 1436
Delta R.T. -0.00 min
Lab File: BF111322.D
Acq: 12 Dec 2018 15:33

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion: 77 Resp: 1896072
Ion Ratio Lower Upper
77 100
182 24.0 4.9 44.9
105 23.9 6.0 46.0
51 34.2 14.7 54.7

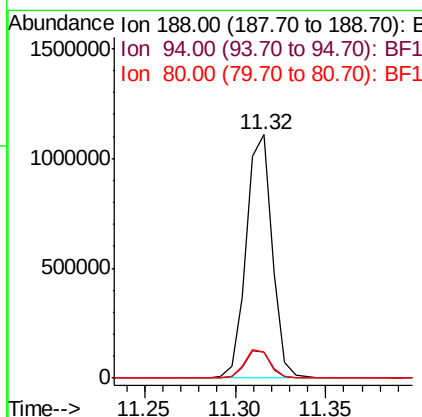
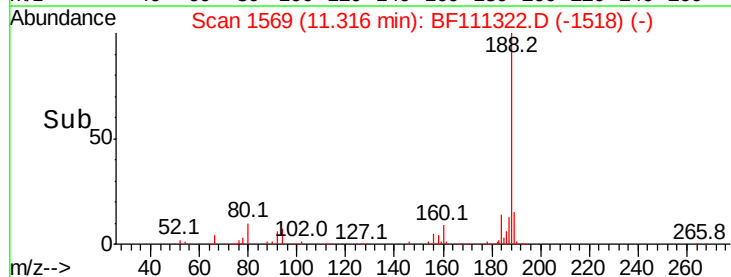
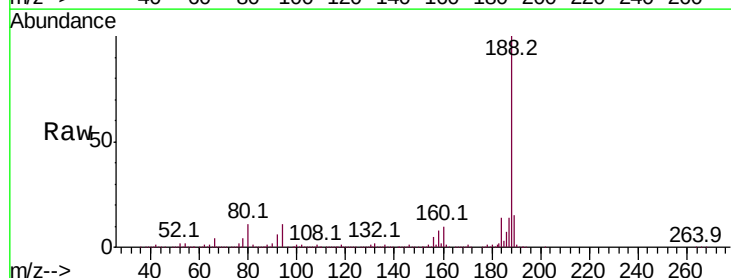
Manual Integrations
APPROVED

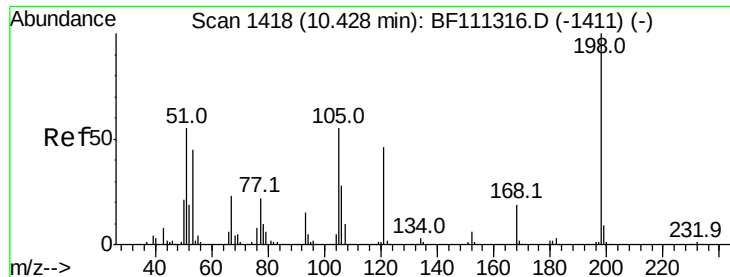
Sohil
12/13/2018 6:06:00 PM



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1569
Delta R.T. -0.00 min
Lab File: BF111322.D
Acq: 12 Dec 2018 15:33

Tgt Ion: 188 Resp: 1102792
Ion Ratio Lower Upper
188 100
94 10.9 9.6 14.4
80 10.9 9.8 14.6





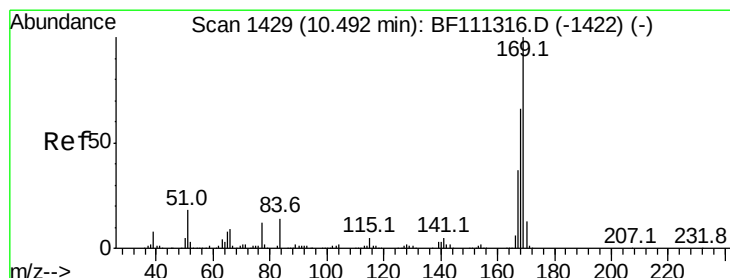
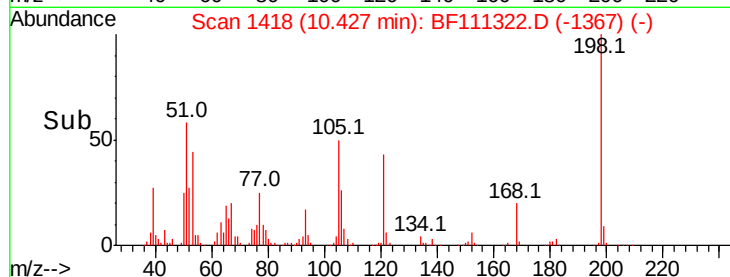
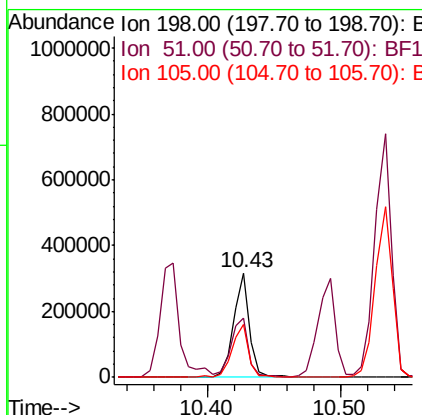
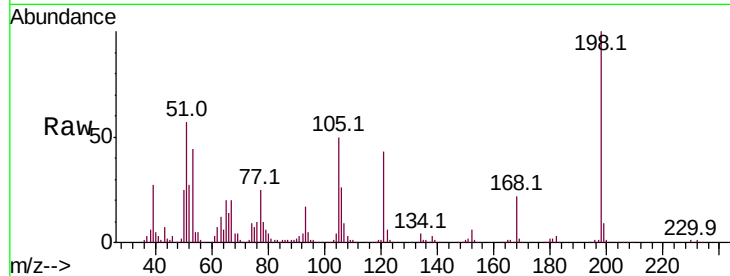
#65
4,6-Dinitro-2-methylphenol
Concen: 42.267 ng
RT: 10.43 min Scan# 1418
Delta R.T. -0.00 min
Lab File: BF111322.D
Acq: 12 Dec 2018 15:33

Instrument :
BNA_F
ClientSampled :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
198	100	267603		
51	57.5	48.0	88.0	
105	50.3	34.0	74.0	

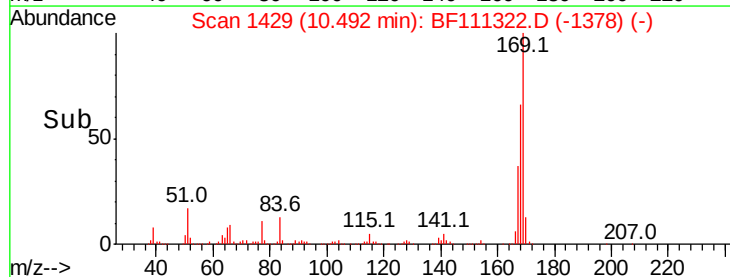
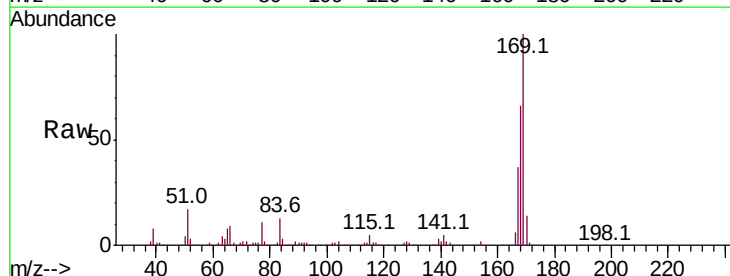
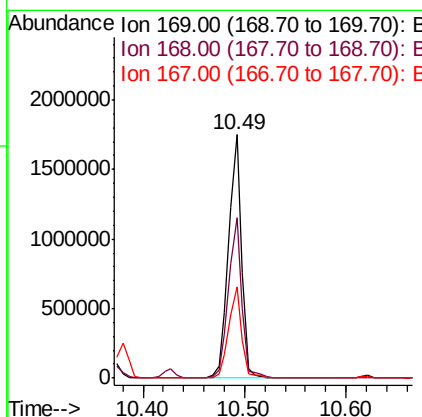
Manual Integrations
APPROVED

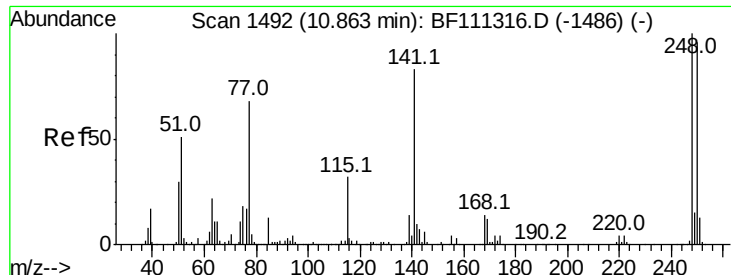
Sohil
12/13/2018 6:06:00 PM



#66
n-Nitrosodiphenylamine
Concen: 40.026 ng
RT: 10.49 min Scan# 1429
Delta R.T. -0.00 min
Lab File: BF111322.D
Acq: 12 Dec 2018 15:33

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	1570147		
168	66.1	54.4	81.6	
167	37.4	30.5	45.7	





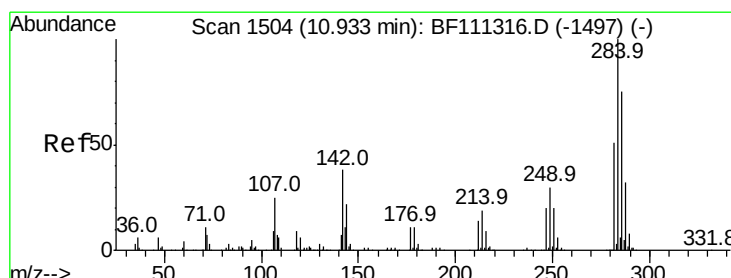
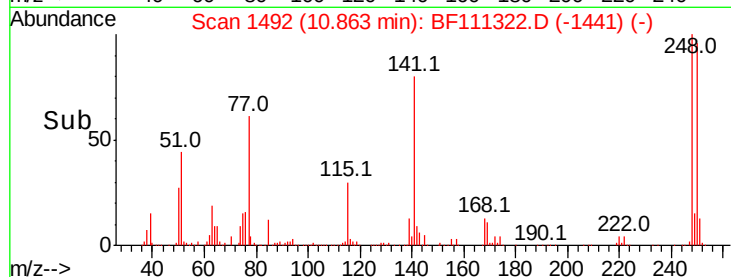
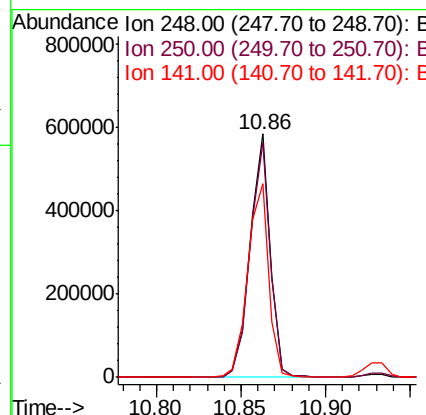
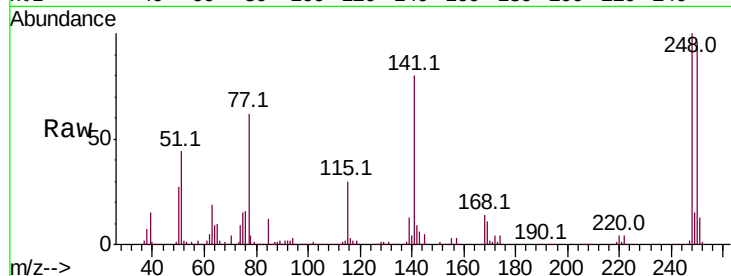
#67
 4-Bromophenyl-phenylether
 Concen: 39.721 ng
 RT: 10.86 min Scan# 1492
 Delta R.T. -0.00 min
 Lab File: BF111322.D
 Acq: 12 Dec 2018 15:33

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
248	100		
250	96.5	77.0	115.4
141	79.6	63.0	94.6

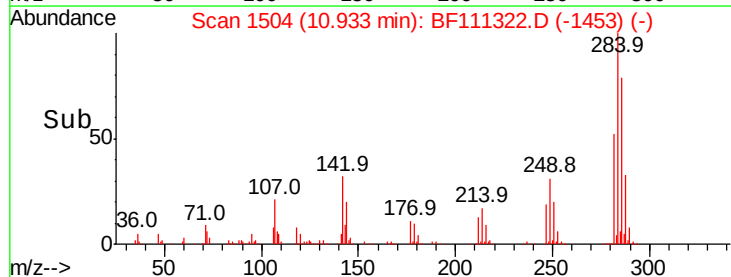
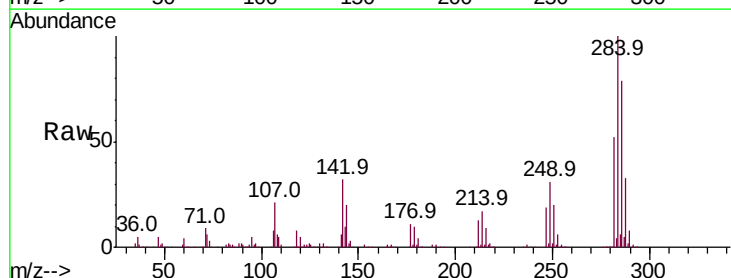
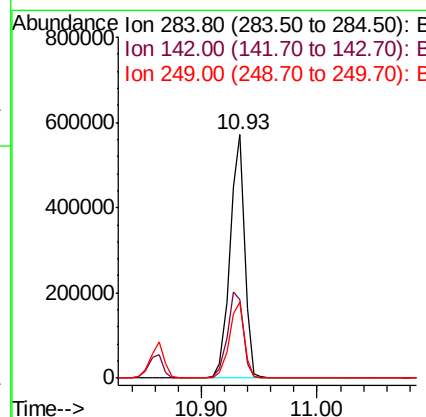
Manual Integrations
 APPROVED

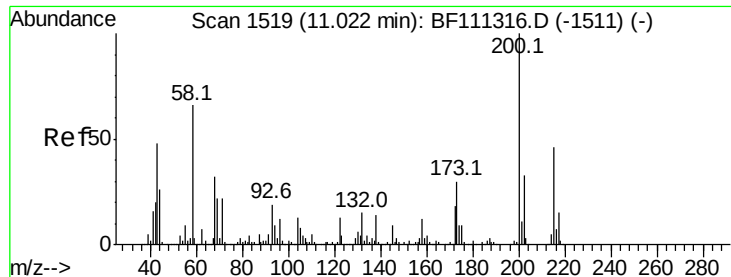
Sohil
 12/13/2018 6:06:00 PM



#68
 Hexachlorobenzene
 Concen: 39.731 ng
 RT: 10.93 min Scan# 1504
 Delta R.T. -0.00 min
 Lab File: BF111322.D
 Acq: 12 Dec 2018 15:33

Tgt Ion	Ratio	Lower	Upper
284	100		
142	32.3	27.4	41.2
249	31.2	24.4	36.6





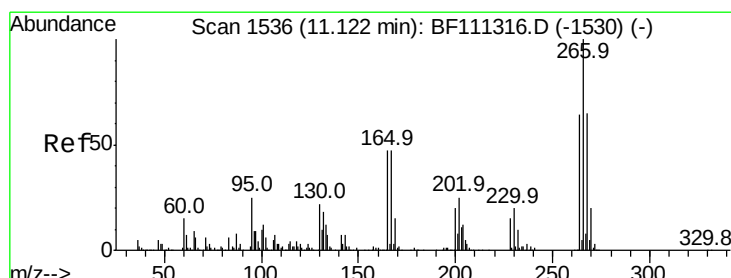
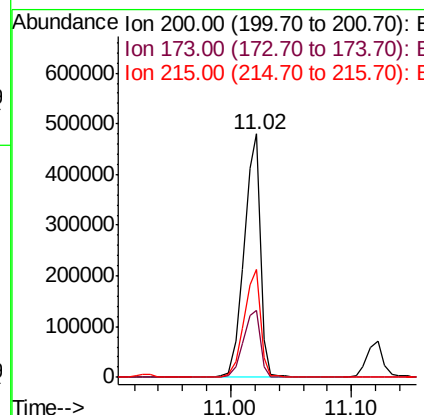
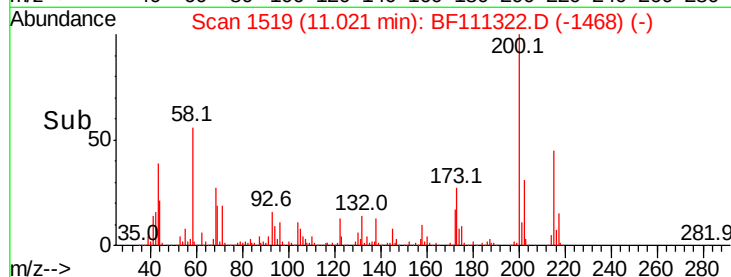
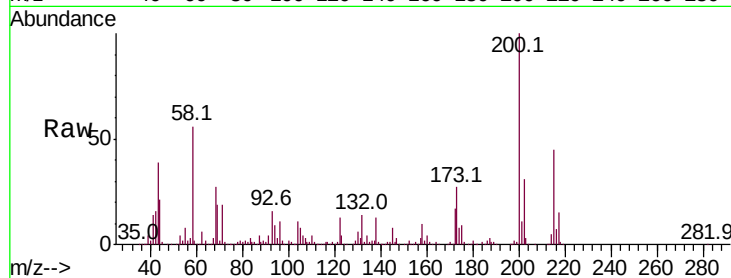
#69
Atrazine
Concen: 39.981 ng
RT: 11.02 min Scan# 1519
Delta R.T. -0.00 min
Lab File: BF111322.D
Acq: 12 Dec 2018 15:33

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
200	100		
173	27.4	10.1	50.1
215	44.6	26.9	66.9

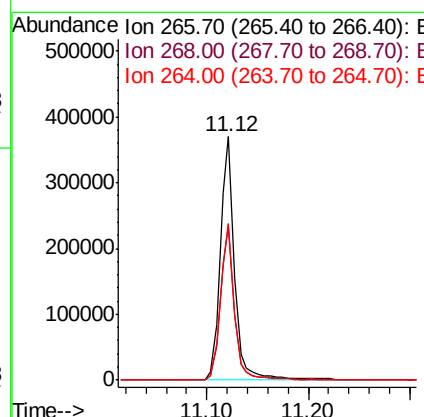
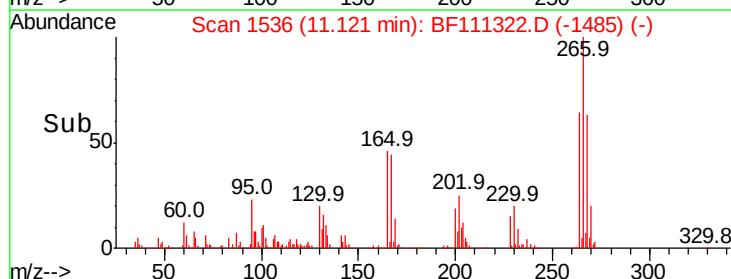
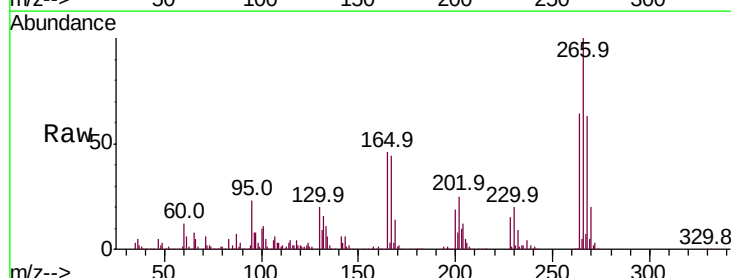
Manual Integrations
APPROVED

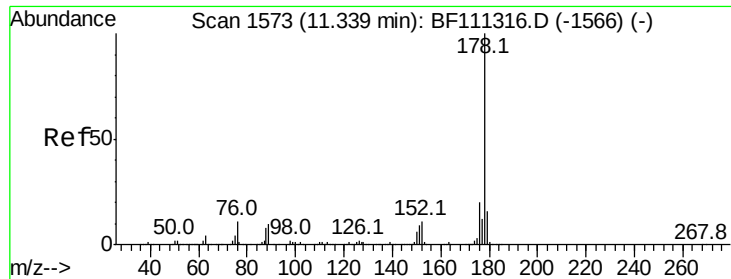
Sohil
12/13/2018 6:06:00 PM



#70
Pentachlorophenol
Concen: 43.006 ng
RT: 11.12 min Scan# 1536
Delta R.T. -0.00 min
Lab File: BF111322.D
Acq: 12 Dec 2018 15:33

Tgt Ion	Ratio	Lower	Upper
266	100		
268	63.2	47.9	71.9
264	64.1	49.1	73.7





#71

Phenanthrene

Concen: 39.197 ng

RT: 11.34 min Scan# 1573

Delta R.T. -0.00 min

Lab File: BF111322.D

Acq: 12 Dec 2018 15:33

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:178 Resp: 2234265

Ion Ratio Lower Upper

178 100

176 20.4 18.1 27.1

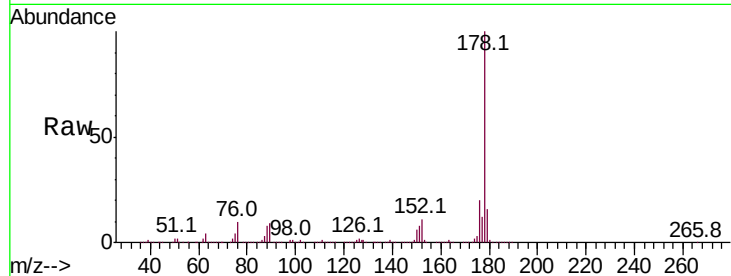
179 16.1 14.0 21.0

Manual Integrations

APPROVED

Sohil

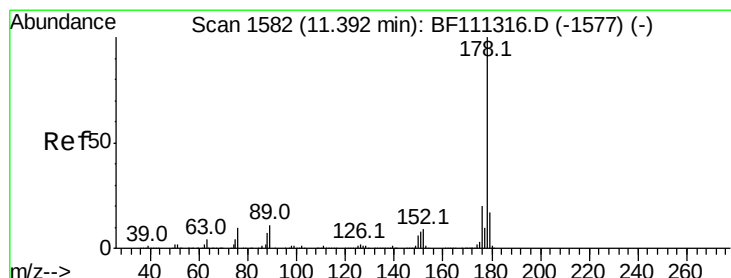
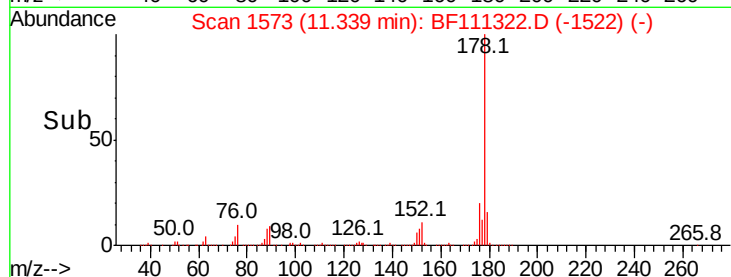
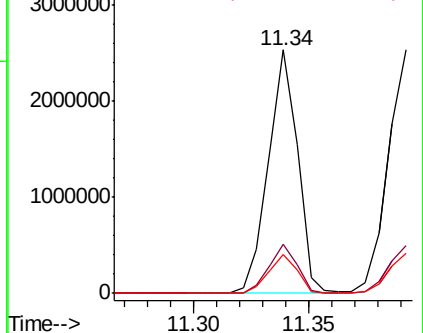
12/13/2018 6:06:00 PM



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 39.002 ng

RT: 11.39 min Scan# 1582

Delta R.T. -0.00 min

Lab File: BF111322.D

Acq: 12 Dec 2018 15:33

Tgt Ion:178 Resp: 2263718

Ion Ratio Lower Upper

178 100

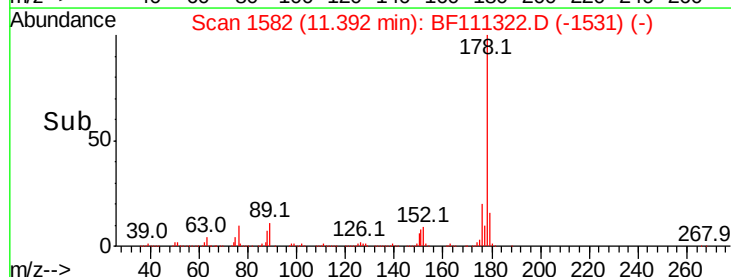
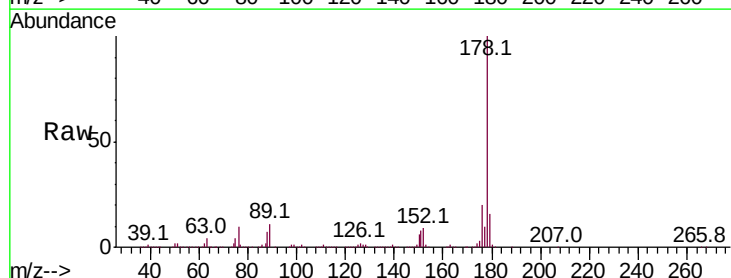
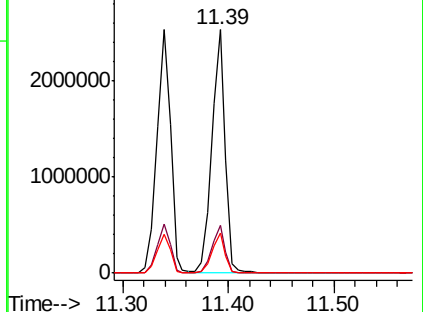
176 19.8 17.2 25.8

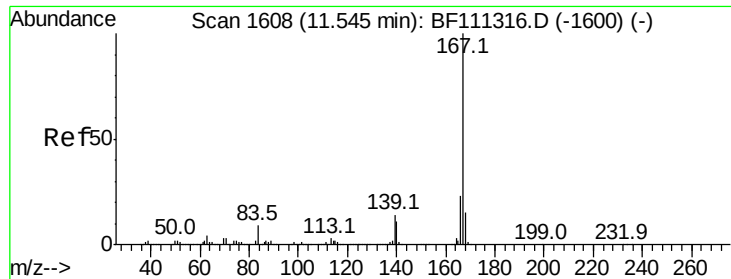
179 16.4 13.8 20.8

Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





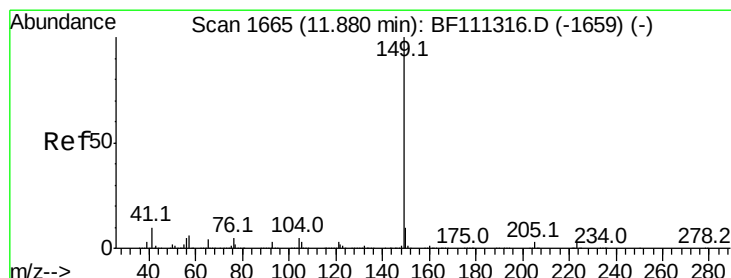
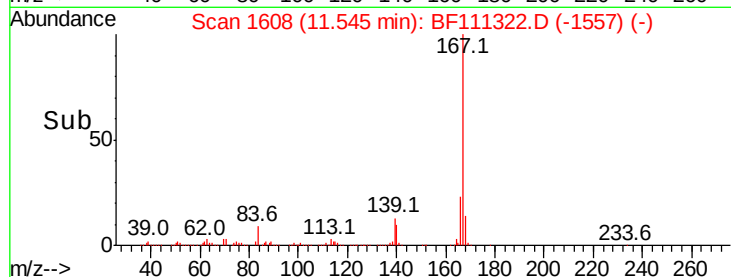
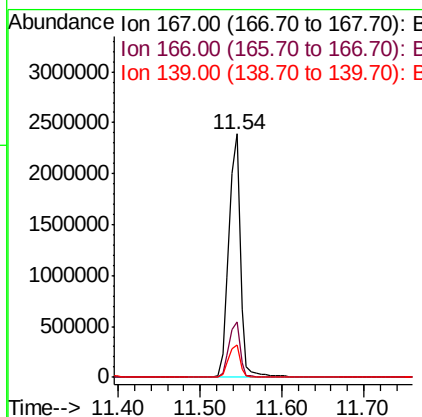
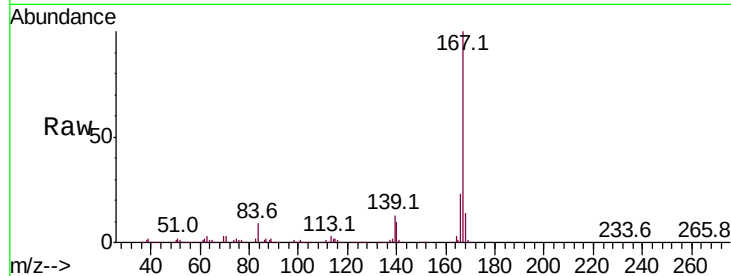
#73
 Carbazole
 Concen: 39.385 ng
 RT: 11.54 min Scan# 1608
 Delta R.T. -0.00 min
 Lab File: BF111322.D
 Acq: 12 Dec 2018 15:33

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
167	100		
166	22.7	19.3	28.9
139	13.4	11.9	17.9

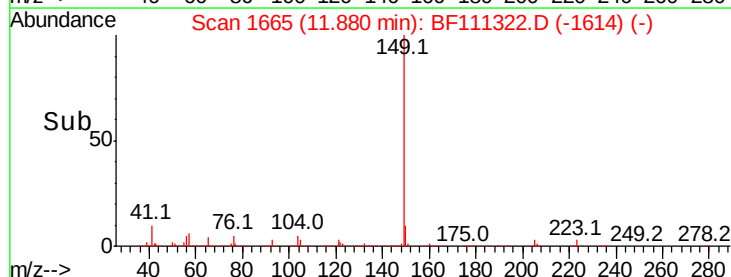
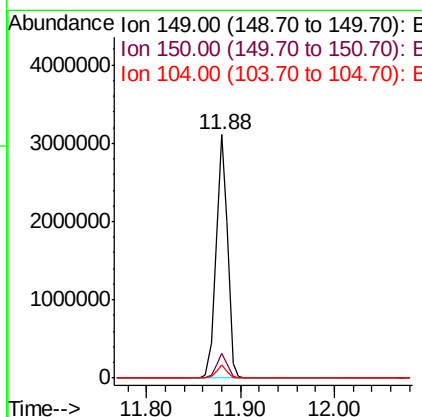
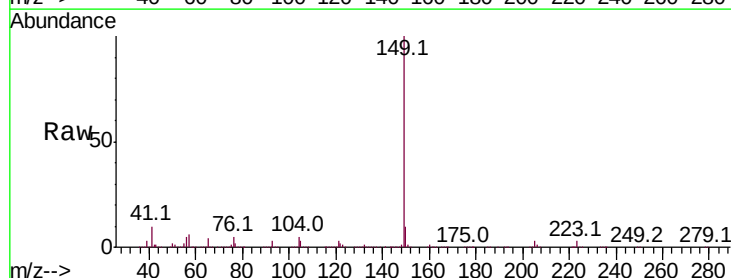
Manual Integrations
 APPROVED

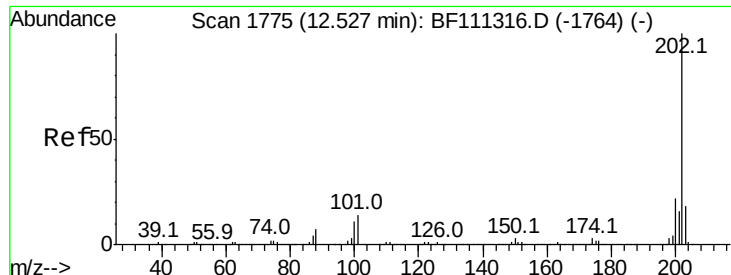
Sohil
 12/13/2018 6:06:00 PM



#74
 Di-n-butylphthalate
 Concen: 39.544 ng
 RT: 11.88 min Scan# 1665
 Delta R.T. -0.00 min
 Lab File: BF111322.D
 Acq: 12 Dec 2018 15:33

Tgt Ion	Ratio	Lower	Upper
149	100		
150	10.3	8.8	13.2
104	5.3	4.5	6.7





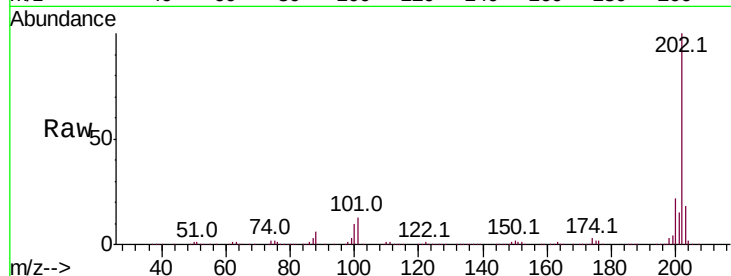
#75
Fluoranthene
 Concen: 39.455 ng
 RT: 12.53 min Scan# 1775
 Delta R.T. -0.00 min
 Lab File: BF111322.D
 Acq: 12 Dec 2018 15:33

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
202	100	2195518		
101	13.1		0.0	33.8
203	17.8		0.0	38.6

Manual Integrations
 APPROVED

Sohil
 12/13/2018 6:06:00 PM

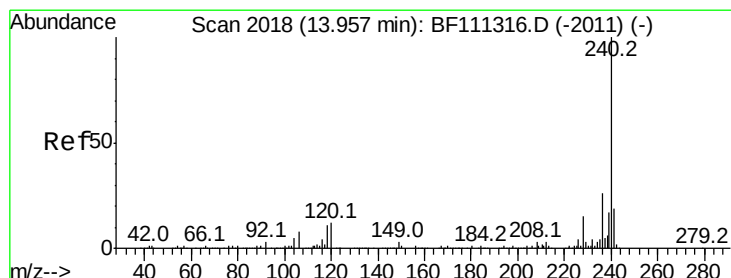
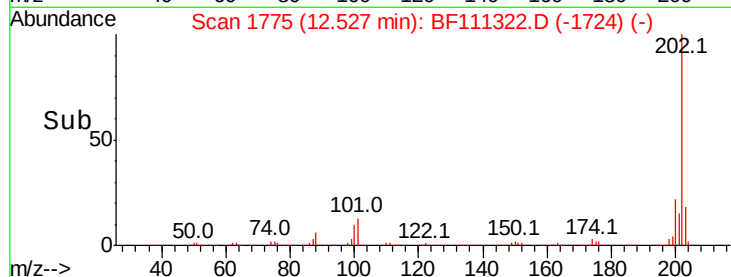
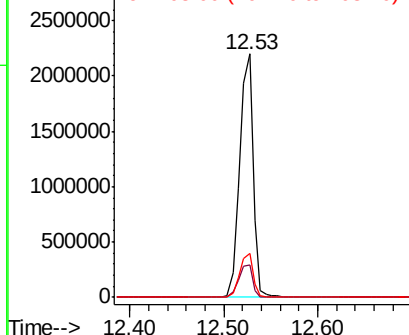


Abundance

Ion 202.00 (201.70 to 202.70): E

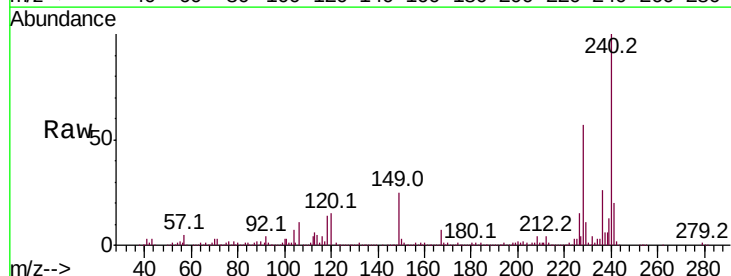
Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76
Chrysene-d12
 Concen: 20.000 ng
 RT: 13.95 min Scan# 2017
 Delta R.T. -0.01 min
 Lab File: BF111322.D
 Acq: 12 Dec 2018 15:33

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	714557		
120	15.3		12.2	18.2
236	25.6		20.2	30.2

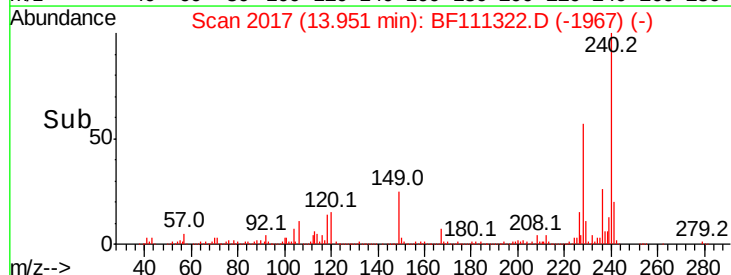
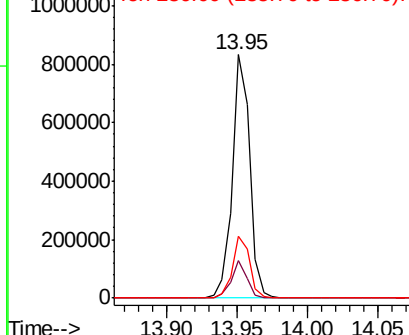


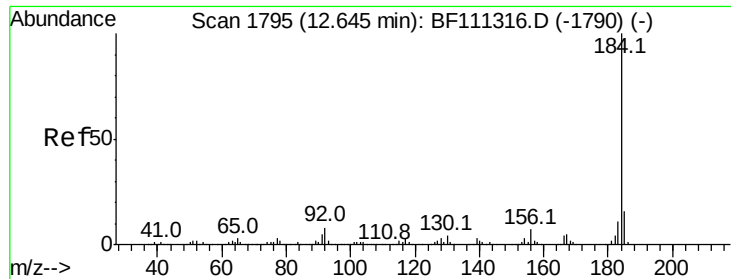
Abundance

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: 73.412 ng

RT: 12.64 min Scan# 1795

Delta R.T. -0.00 min

Lab File: BF111322.D

Acq: 12 Dec 2018 15:33

Instrument :

BNA_F

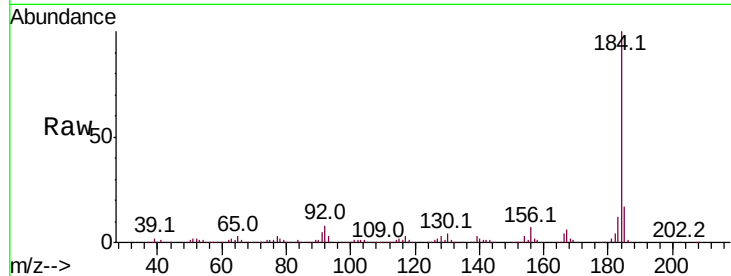
ClientSampled :

SSTDCCC040

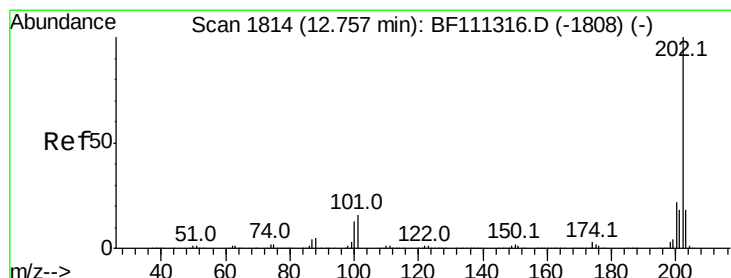
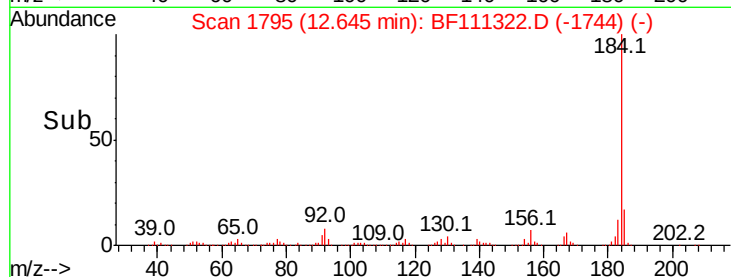
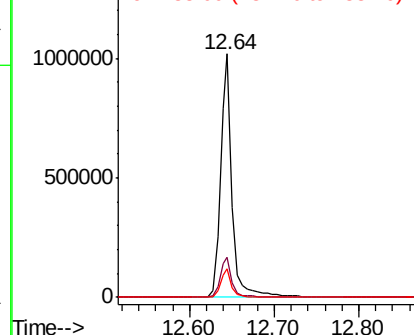
Tot Ion:	184	Resp:	989941
Ion Ratio	Lower	Upper	
184	100		
185	16.6	13.0	19.6
183	11.7	9.3	13.9

Manual Integrations
APPROVED

Sohil
12/13/2018 6:06:00 PM



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



#78

Pyrene

Concen: 40.466 ng

RT: 12.76 min Scan# 1814

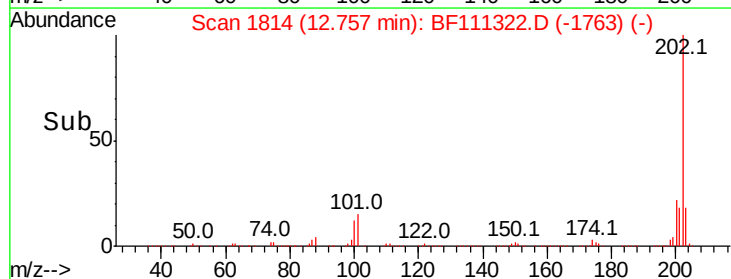
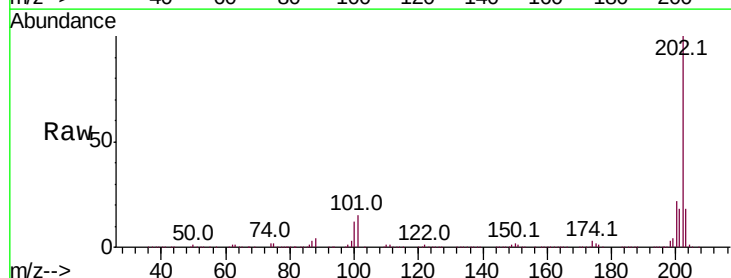
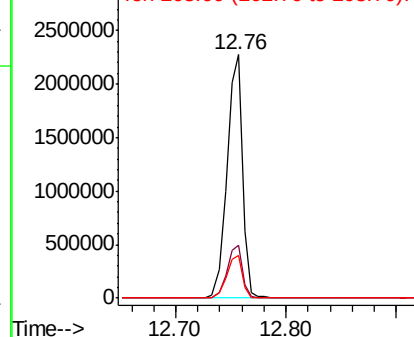
Delta R.T. -0.00 min

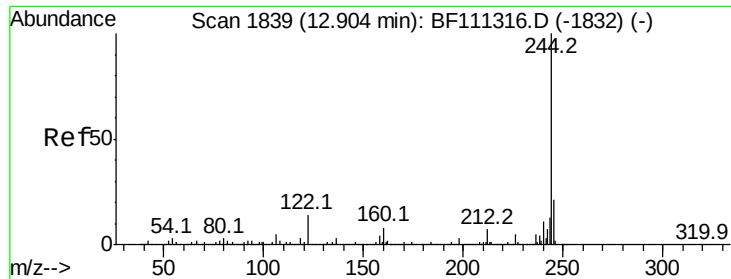
Lab File: BF111322.D

Acq: 12 Dec 2018 15:33

Tgt Ion:	202	Resp:	2231587
Ion Ratio	Lower	Upper	
202	100		
200	21.8	19.0	28.4
203	17.7	15.2	22.8

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





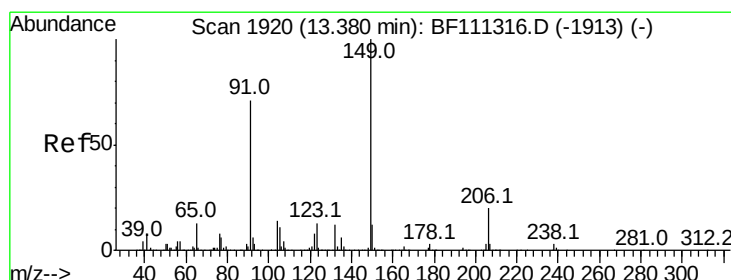
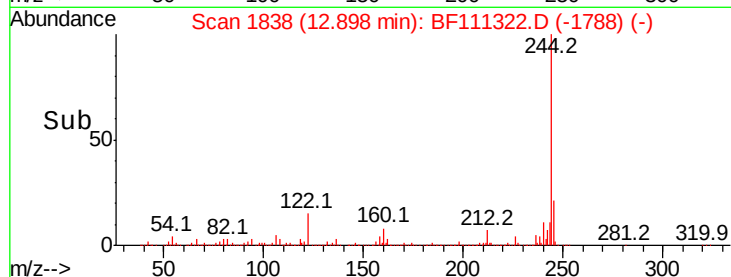
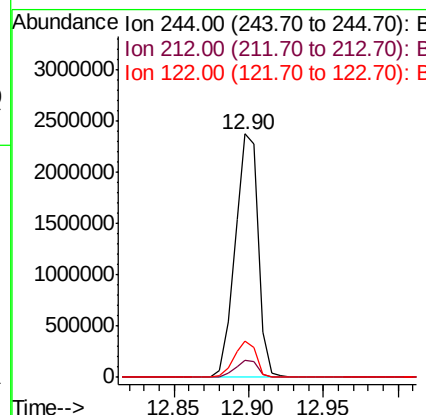
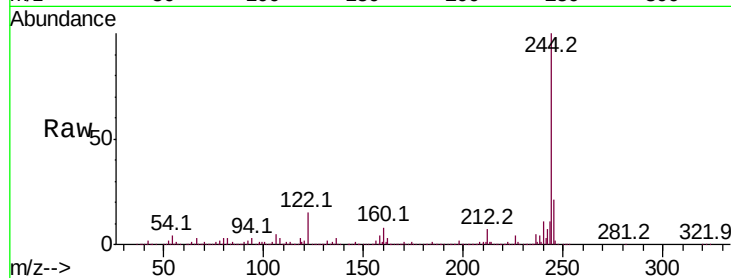
#79
Terphenyl-d14
Concen: 79.695 ng
RT: 12.90 min Scan# 1838
Delta R.T. -0.01 min
Lab File: BF111322.D
Acq: 12 Dec 2018 15:33

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.7	8.5
122	15.1	13.1	19.7

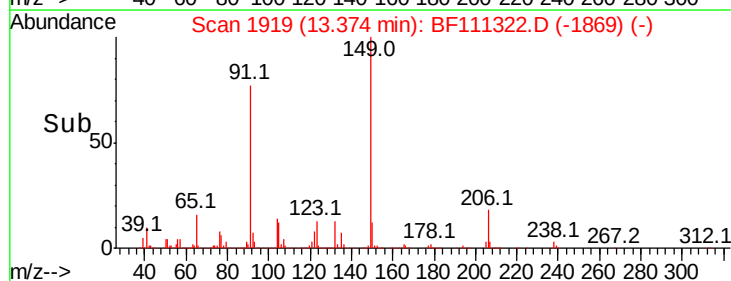
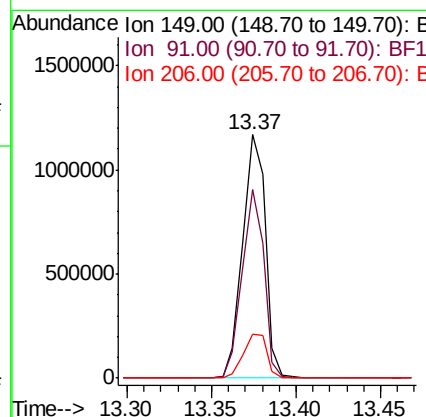
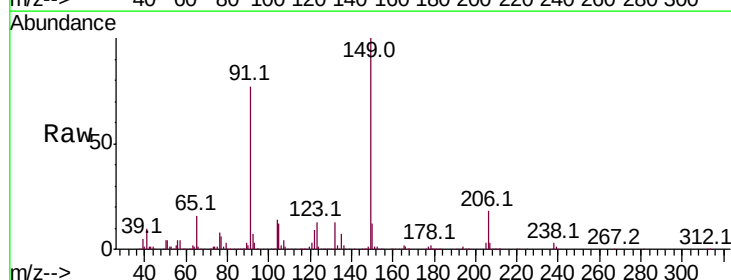
Manual Integrations
APPROVED

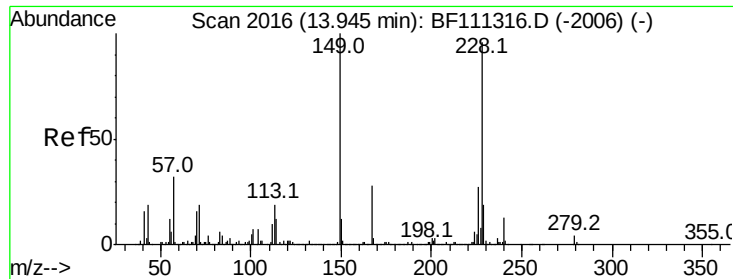
Sohil
12/13/2018 6:06:00 PM



#80
Butylbenzylphthalate
Concen: 41.498 ng
RT: 13.37 min Scan# 1919
Delta R.T. -0.01 min
Lab File: BF111322.D
Acq: 12 Dec 2018 15:33

Tgt Ion	Ratio	Lower	Upper
149	100		
91	77.5	63.8	95.6
206	18.1	15.1	22.7





#81

Benzo(a)anthracene

Concen: 39.674 ng

RT: 13.94 min Scan# 2015

Delta R.T. -0.01 min

Lab File: BF111322.D

Acq: 12 Dec 2018 15:33

Instrument :

BNA_F

ClientSampled :

SSTDCCC040

Tot Ion:228 Resp: 1586203

Ion Ratio Lower Upper

228 100

226 27.3 22.6 34.0

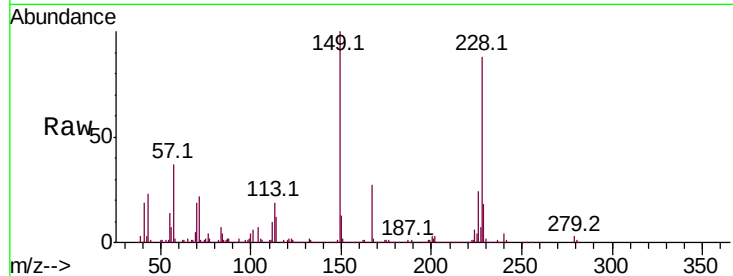
229 20.2 16.3 24.5

Manual Integrations

APPROVED

Sohil

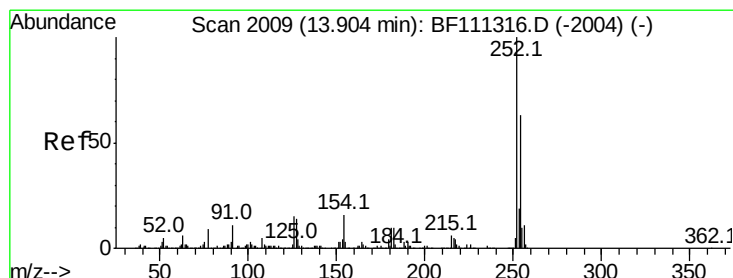
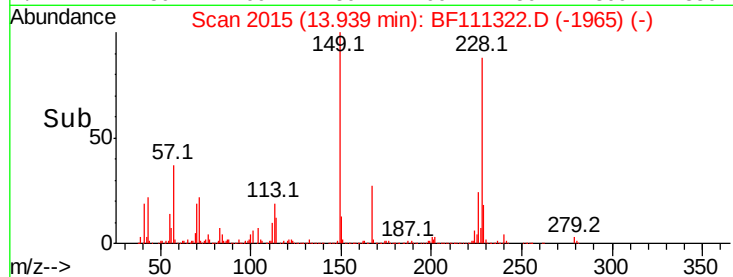
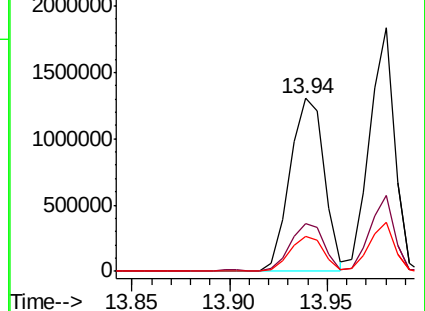
12/13/2018 6:06:00 PM



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 41.175 ng

RT: 13.90 min Scan# 2009

Delta R.T. -0.00 min

Lab File: BF111322.D

Acq: 12 Dec 2018 15:33

Tgt Ion:252 Resp: 622579

Ion Ratio Lower Upper

252 100

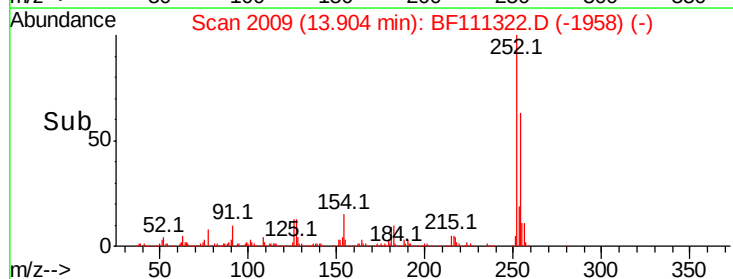
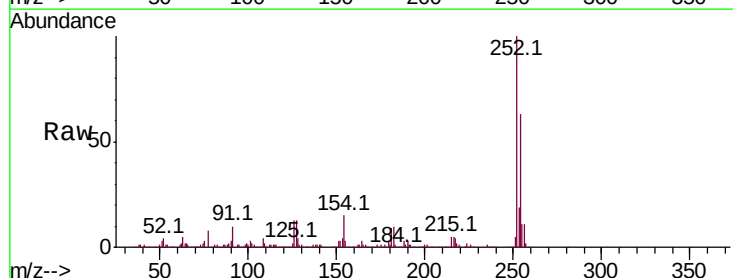
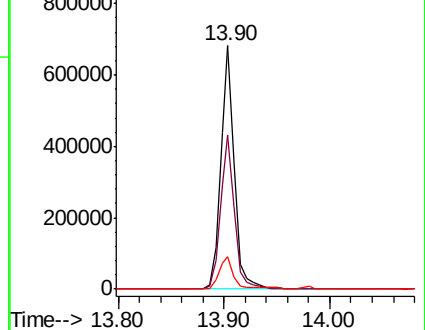
254 63.2 52.7 79.1

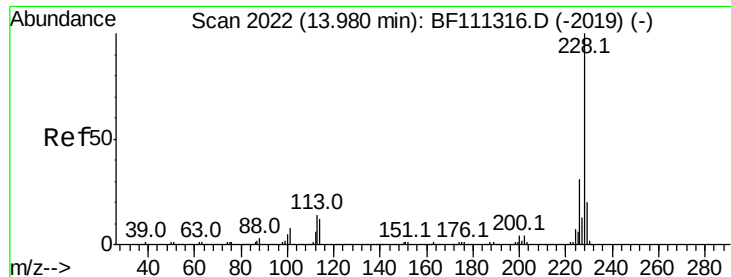
126 13.2 11.1 16.7

Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





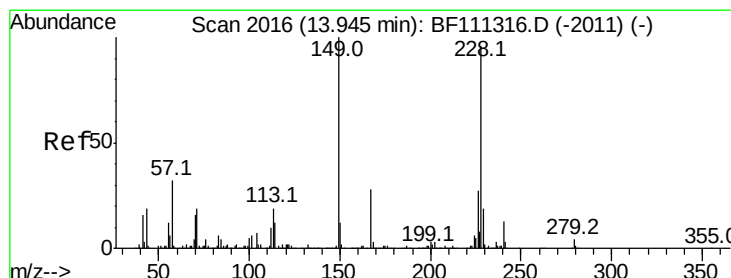
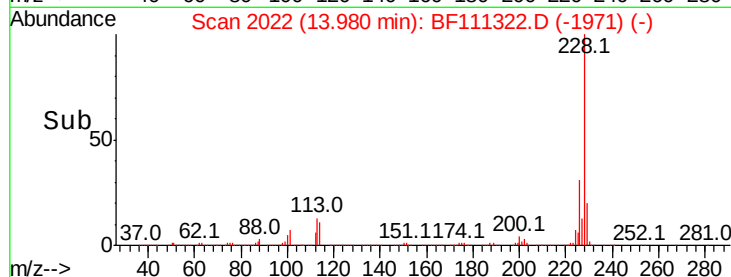
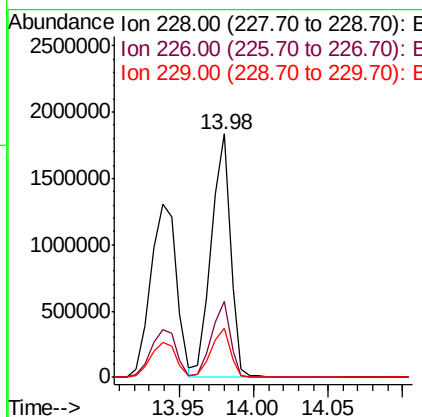
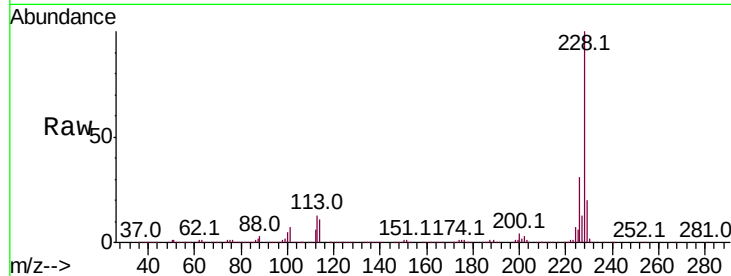
#83
Chrysene
Concen: 40.330 ng
RT: 13.98 min Scan# 2022
Delta R.T. -0.00 min
Lab File: BF111322.D
Acq: 12 Dec 2018 15:33

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
228	100		
226	31.2	25.3	37.9
229	20.2	17.2	25.8

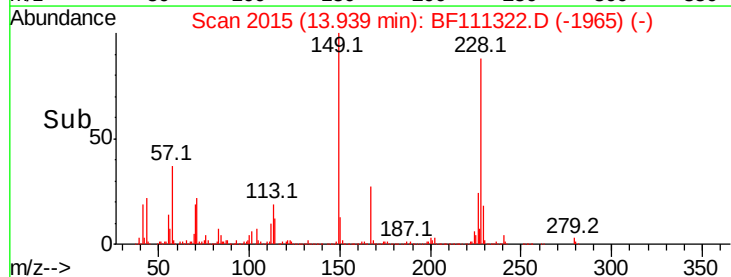
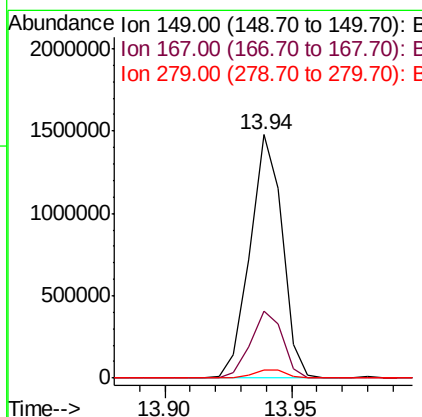
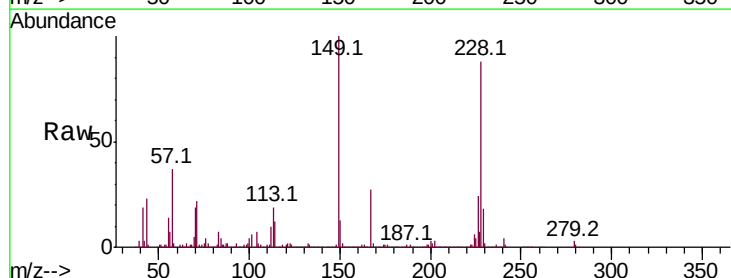
Manual Integrations
APPROVED

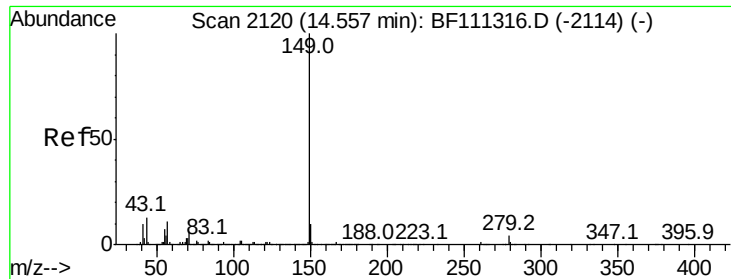
Sohil
12/13/2018 6:06:00 PM



#84
Bis(2-ethylhexyl)phthalate
Concen: 40.622 ng
RT: 13.94 min Scan# 2015
Delta R.T. -0.01 min
Lab File: BF111322.D
Acq: 12 Dec 2018 15:33

Tgt Ion	Ratio	Lower	Upper
149	100		
167	27.3	22.5	33.7
279	3.1	2.6	4.0





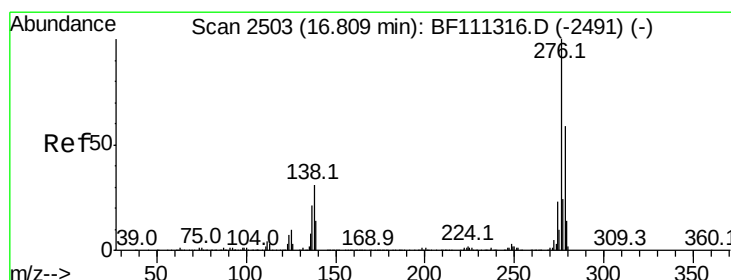
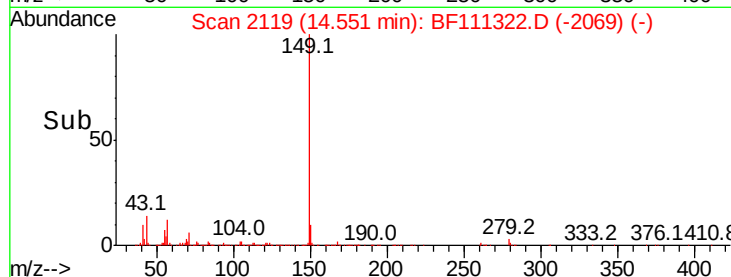
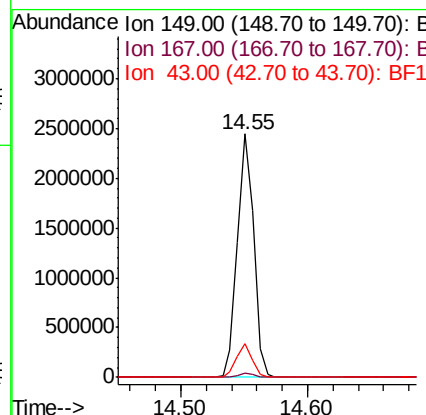
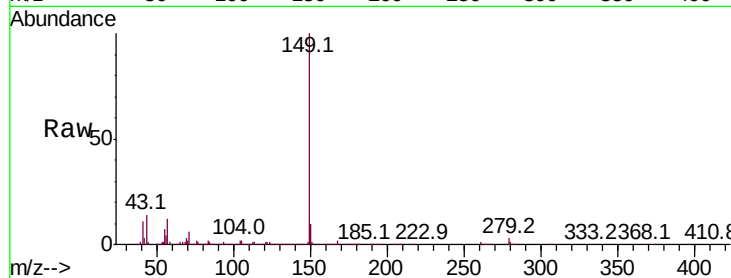
#85
Di-n-octyl phthalate
Concen: 40.569 ng
RT: 14.55 min Scan# 2119
Delta R.T. -0.01 min
Lab File: BF111322.D
Acq: 12 Dec 2018 15:33

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.3	1.9
43	13.0	10.9	16.3

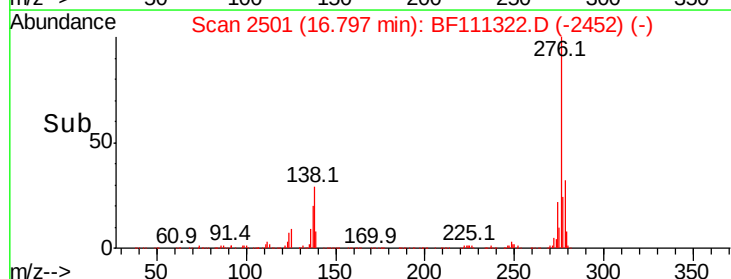
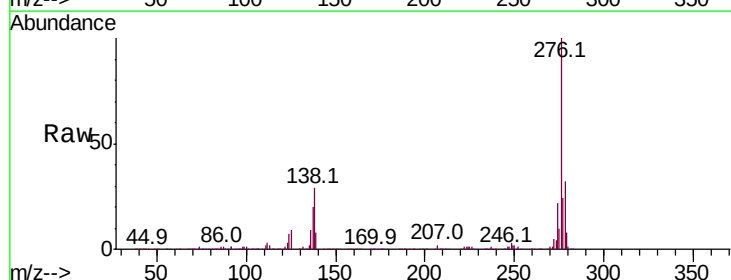
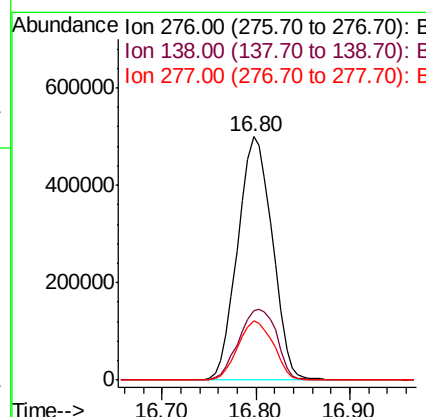
Manual Integrations
APPROVED

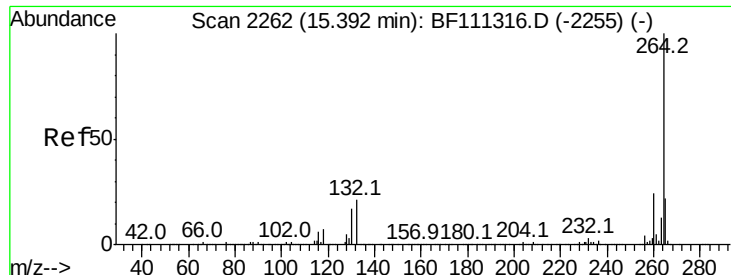
Sohil
12/13/2018 6:06:00 PM



#86
Indeno(1,2,3-cd)pyrene
Concen: 40.284 ng
RT: 16.80 min Scan# 2501
Delta R.T. -0.01 min
Lab File: BF111322.D
Acq: 12 Dec 2018 15:33

Tgt Ion	Ratio	Lower	Upper
276	100		
138	31.9	27.8	41.6
277	24.8	20.1	30.1





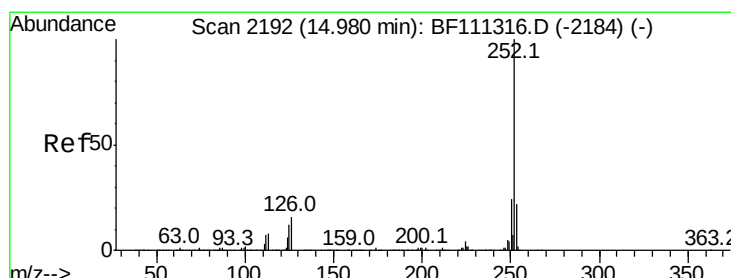
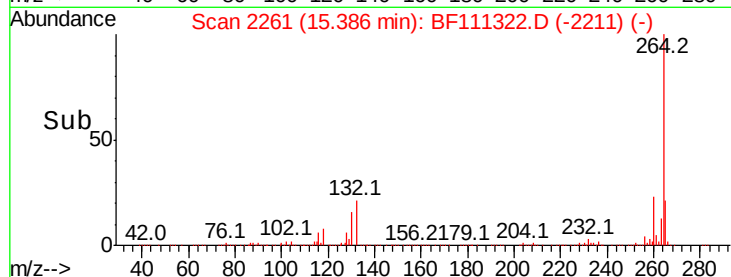
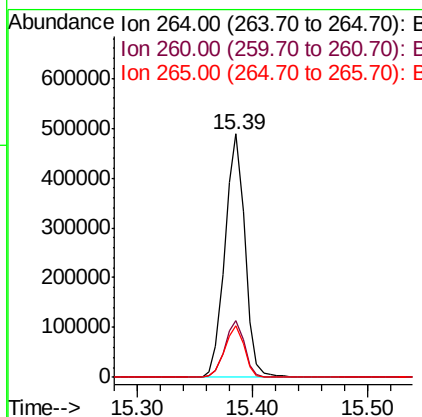
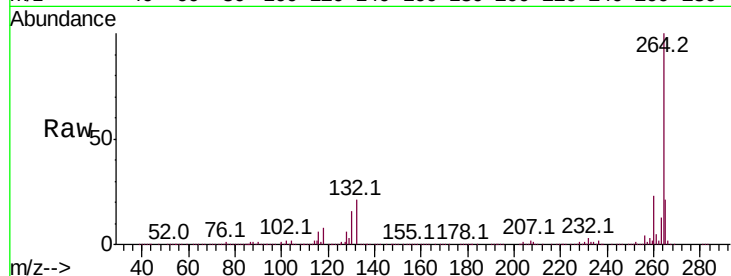
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.39 min Scan# 2261
Delta R.T. -0.01 min
Lab File: BF111322.D
Acq: 12 Dec 2018 15:33

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.3	18.3	27.5
265	20.9	17.7	26.5

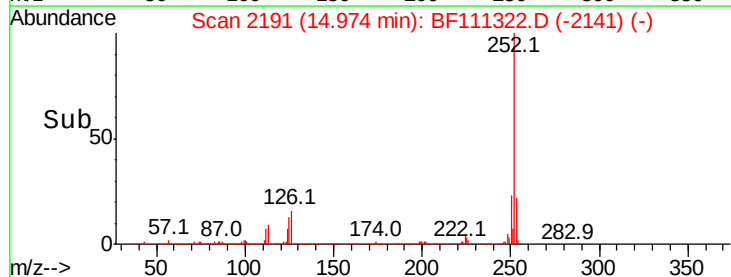
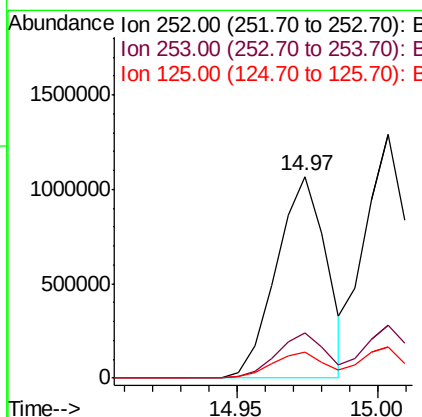
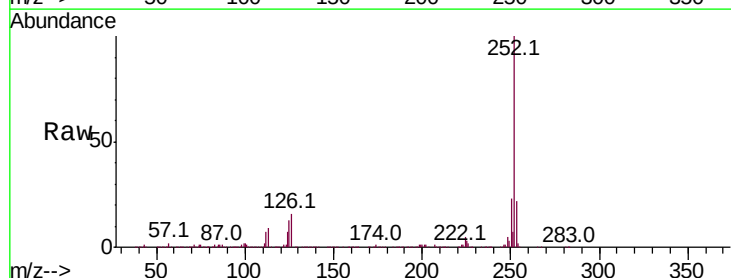
Manual Integrations
APPROVED

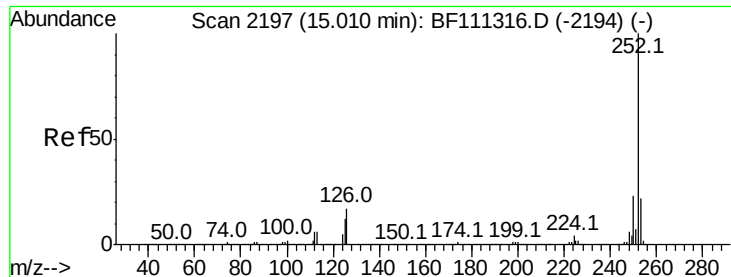
Sohil
12/13/2018 6:06:00 PM



#88
Benzo(b)fluoranthene
Concen: 39.534 ng
RT: 14.97 min Scan# 2191
Delta R.T. -0.01 min
Lab File: BF111322.D
Acq: 12 Dec 2018 15:33

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.1	18.2	27.2
125	12.6	10.4	15.6





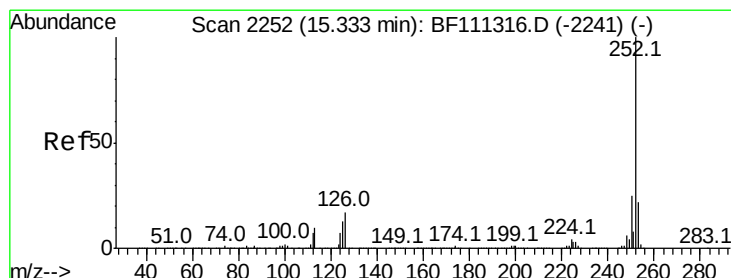
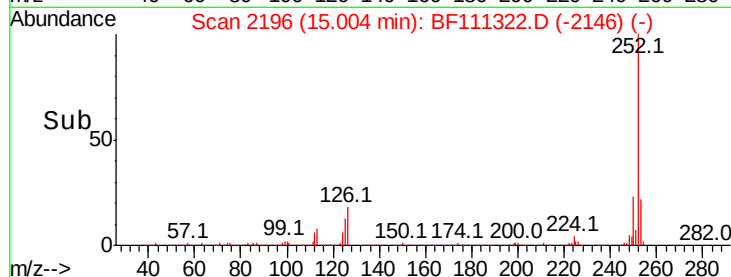
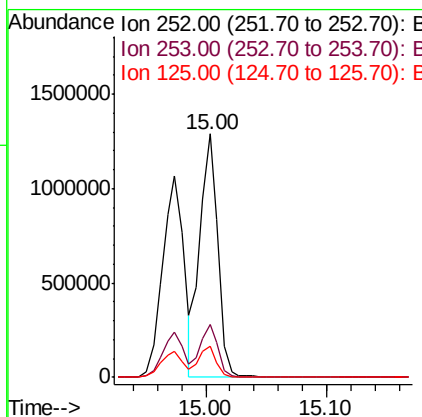
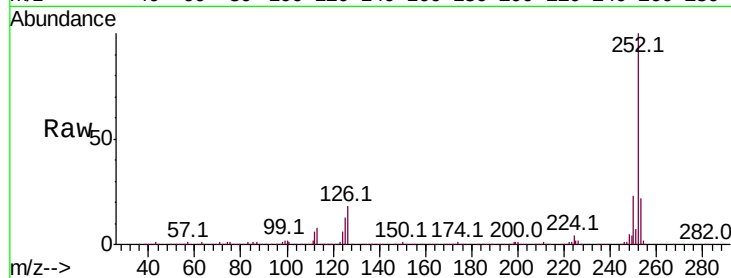
#89
Benzo(k)fluoranthene
Concen: 40.135 ng
RT: 15.00 min Scan# 2196
Delta R.T. -0.01 min
Lab File: BF111322.D
Acq: 12 Dec 2018 15:33

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.9	18.1	27.1
125	12.6	9.8	14.8

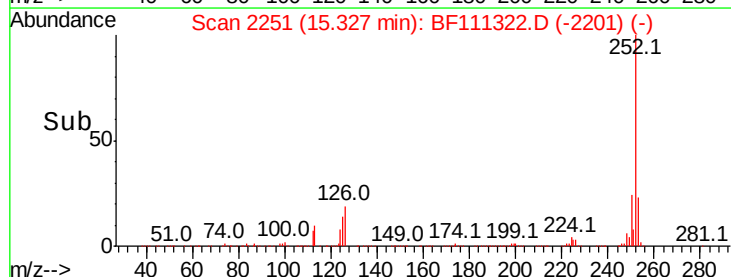
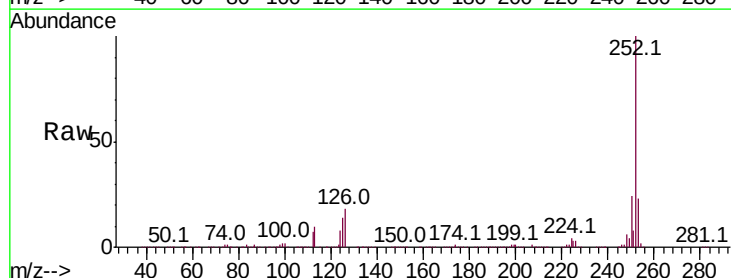
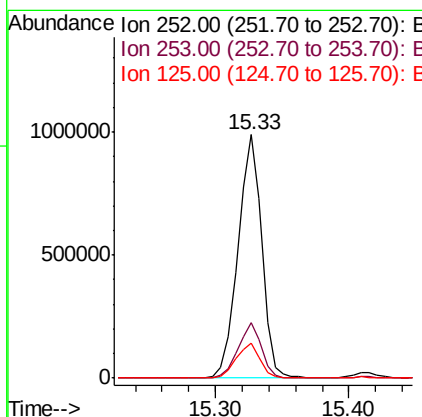
Manual Integrations
APPROVED

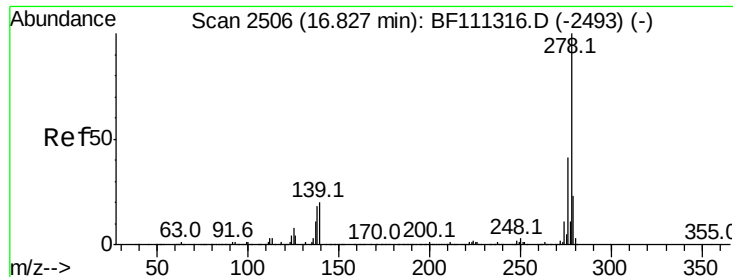
Sohil
12/13/2018 6:06:00 PM



#90
Benzo(a)pyrene
Concen: 39.522 ng
RT: 15.33 min Scan# 2251
Delta R.T. -0.01 min
Lab File: BF111322.D
Acq: 12 Dec 2018 15:33

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.8	26.8
125	14.1	12.3	18.5





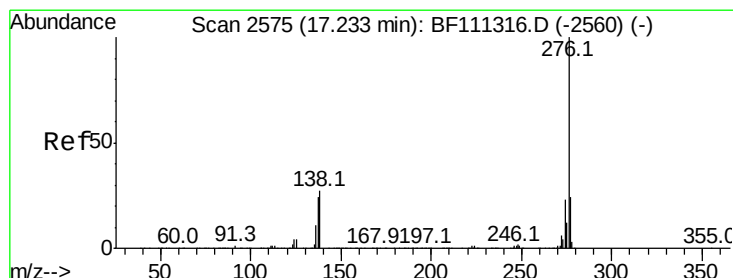
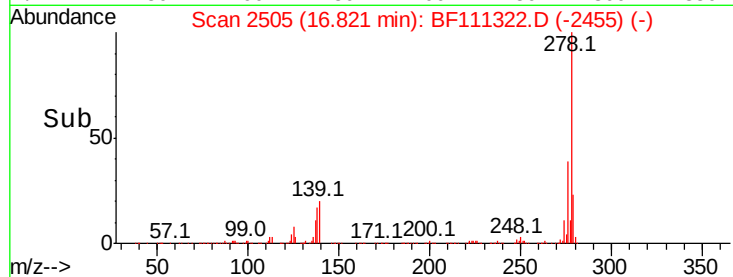
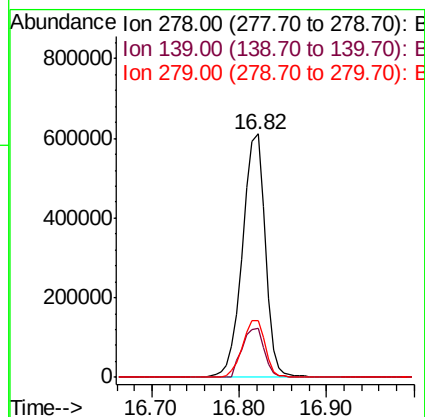
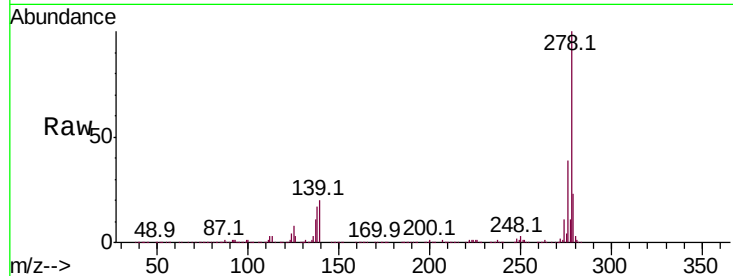
#91
Dibenzo(a,h)anthracene
Concen: 41.492 ng
RT: 16.82 min Scan# 2505
Delta R.T. -0.01 min
Lab File: BF111322.D
Acq: 12 Dec 2018 15:33

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
278	100		
139	20.3	18.2	27.4
279	23.3	19.0	28.6

Manual Integrations
APPROVED

Sohil
12/13/2018 6:06:00 PM



#92
Benzo(g,h,i)perylene
Concen: 41.795 ng
RT: 17.23 min Scan# 2574
Delta R.T. -0.01 min
Lab File: BF111322.D
Acq: 12 Dec 2018 15:33

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.9	19.2	28.8
138	26.7	24.9	37.3

