

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF012119\
 Data File : BF112174.D
 Acq On : 21 Jan 2019 23:24
 Operator : JU/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Jan 22 00:49:52 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF011619.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jan 19 01:02:12 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	210611	20.00	ng	0.00
21) Naphthalene-d8	8.14	136	702763	20.00	ng	0.00
39) Acenaphthene-d10	9.89	164	279216	20.00	ng	0.00
64) Phenanthrene-d10	11.37	188	488048	20.00	ng	-0.01
76) Chrysene-d12	14.02	240	436623	20.00	ng	0.00
87) Perylene-d12	15.49	264	319529	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.48	112	987204	85.08	ng	-0.01
7) Phenol-d6	6.50	99	1146041	78.94	ng	0.00
23) Nitrobenzene-d5	7.42	82	999954	98.31	ng	-0.01
42) 2,4,6-Tribromophenol	10.68	330	243786	80.93	ng	-0.01
45) 2-Fluorobiphenyl	9.21	172	1771087	93.00	ng	0.00
79) Terphenyl-d14	12.96	244	1873934	91.30	ng	-0.01

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.58	88	212708	39.085	ng	95
3) Pyridine	3.34	79	537078	39.403	ng	98
4) n-Nitrosodimethylamine	3.29	42	215343	38.911	ng	100
6) Aniline	6.52	93	674169	38.180	ng	# 84
8) 2-Chlorophenol	6.65	128	548826	40.725	ng	98
9) Benzaldehyde	6.40	77	310177	39.660	ng	95
10) Phenol	6.51	94	620610	39.114	ng	97
11) bis(2-Chloroethyl)ether	6.59	93	503867	39.940	ng	99
12) 1,3-Dichlorobenzene	6.80	146	630116	40.971	ng	99
13) 1,4-Dichlorobenzene	6.87	146	638199	40.568	ng	97
14) 1,2-Dichlorobenzene	7.03	146	581028	40.096	ng	97
15) Benzyl Alcohol	7.00	79	431074	39.854	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.13	45	645019	35.455	ng	93
17) 2-Methylphenol	7.12	107	402712	39.791	ng	97
18) Hexachloroethane	7.37	117	168777	32.144	ng	92
19) n-Nitroso-di-n-propylamine	7.26	70	353409	39.958	ng	98
20) 3+4-Methylphenols	7.27	107	503867	41.061	ng	# 74
22) Acetophenone	7.26	105	712845	43.783	ng	# 98
24) Nitrobenzene	7.43	77	503082	46.667	ng	99
25) Isophorone	7.67	82	795768	40.503	ng	97
26) 2-Nitrophenol	7.75	139	213963	39.750	ng	96
27) 2,4-Dimethylphenol	7.79	122	381323	41.812	ng	98
28) bis(2-Chloroethoxy)methane	7.88	93	566024	41.999	ng	98
29) 2,4-Dichlorophenol	8.00	162	404009	40.552	ng	98
30) 1,2,4-Trichlorobenzene	8.08	180	479374	41.462	ng	98
31) Naphthalene	8.16	128	1312103	41.050	ng	98
32) Benzoic acid	7.90	122	79299	25.582	ng	92
33) 4-Chloroaniline	8.20	127	562247	39.139	ng	99
34) Hexachlorobutadiene	8.27	225	283170	44.011	ng	99
35) Caprolactam	8.57	113	122370	35.094	ng	98
36) 4-Chloro-3-methylphenol	8.69	107	368331	37.853	ng	99
37) 2-Methylnaphthalene	8.85	142	822434	37.891	ng	99
38) 1-Methylnaphthalene	8.95	142	779272	37.358	ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.02	216	414127	46.189	ng	98

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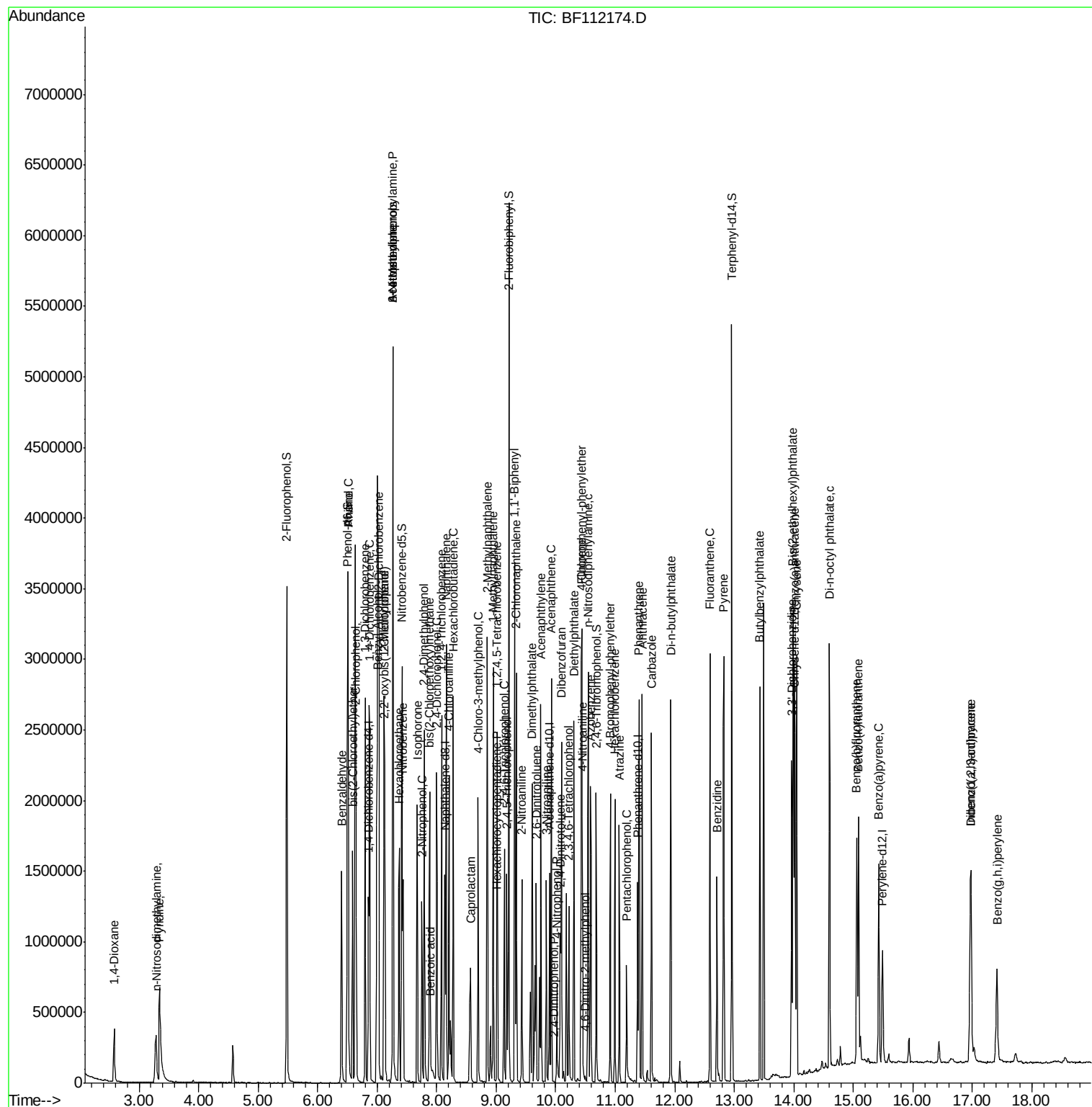
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.00	237	2344	8.449	ng	91
43) 2,4,6-Trichlorophenol	9.13	196	244756	45.632	ng	99
44) 2,4,5-Trichlorophenol	9.17	196	249114	43.608	ng	96
46) 1,1'-Biphenyl	9.31	154	1070064	45.833	ng	99
47) 2-Chloronaphthalene	9.34	162	802961	43.937	ng	98
48) 2-Nitroaniline	9.43	65	215322	52.308	ng	99
49) Acenaphthylene	9.75	152	1109297	41.595	ng	99
50) Dimethylphthalate	9.60	163	935339	45.934	ng	100
51) 2,6-Dinitrotoluene	9.67	165	171742	42.233	ng #	86
52) Acenaphthene	9.93	154	660901	40.503	ng	99
53) 3-Nitroaniline	9.84	138	220752	48.544	ng	88
54) 2,4-Dinitrophenol	9.97	184	819	8.777	ng #	1
55) Dibenzofuran	10.10	168	1005113	40.732	ng	99
56) 4-Nitrophenol	10.02	139	108709	36.738	ng	97
57) 2,4-Dinitrotoluene	10.07	165	189102	37.350	ng #	86
58) Fluorene	10.44	166	724113	39.275	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.22	232	168027	38.978	ng	96
60) Diethylphthalate	10.30	149	882305	44.389	ng	99
61) 4-Chlorophenyl-phenylether	10.43	204	407383	40.948	ng	96
62) 4-Nitroaniline	10.45	138	219799	48.677	ng	98
63) Azobenzene	10.59	77	714054	37.513	ng	98
65) 4,6-Dinitro-2-methylphenol	10.49	198	5005	12.013	ng	93
66) n-Nitrosodiphenylamine	10.55	169	697040	43.202	ng	100
67) 4-Bromophenyl-phenylether	10.92	248	239843	42.309	ng	99
68) Hexachlorobenzene	10.99	284	250825	41.074	ng	98
69) Atrazine	11.07	200	197829	37.997	ng	98
70) Pentachlorophenol	11.19	266	113564	41.832	ng	96
71) Phenanthrene	11.40	178	1048019	42.669	ng	98
72) Anthracene	11.45	178	1056939	42.480	ng	99
73) Carbazole	11.61	167	1074237	43.100	ng	99
74) Di-n-butylphthalate	11.93	149	1314877	46.899	ng	99
75) Fluoranthene	12.59	202	1191598	45.950	ng	97
77) Benzidine	12.70	184	599689	41.165	ng	97
78) Pyrene	12.82	202	1239445	43.026	ng	99
80) Butylbenzylphthalate	13.43	149	614260	48.606	ng	92
81) Benzo(a)anthracene	14.01	228	1030338	41.156	ng	99
82) 3,3'-Dichlorobenzidine	13.96	252	461049	49.176	ng #	98
83) Chrysene	14.05	228	976006	41.202	ng	99
84) Bis(2-ethylhexyl)phthalate	13.99	149	918634	50.720	ng #	98
85) Di-n-octyl phthalate	14.60	149	1413598	50.656	ng	98
86) Indeno(1,2,3-cd)pyrene	16.97	276	694244	31.767	ng	98
88) Benzo(b)fluoranthene	15.06	252	787806	43.435	ng	99
89) Benzo(k)fluoranthene	15.09	252	743359	42.345	ng	99
90) Benzo(a)pyrene	15.43	252	693181	41.674	ng	99
91) Dibenzo(a,h)anthracene	16.98	278	597665	40.455	ng	98
92) Benzo(g,h,i)perylene	17.42	276	560447	38.507	ng	97

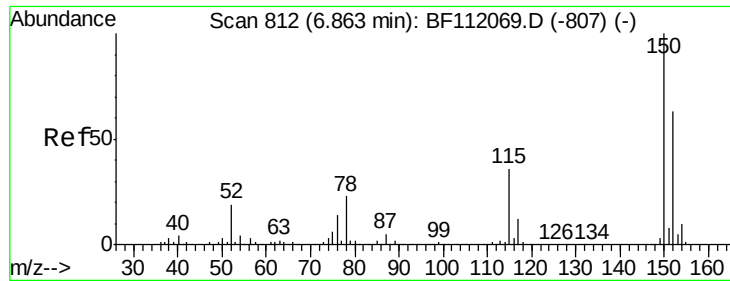
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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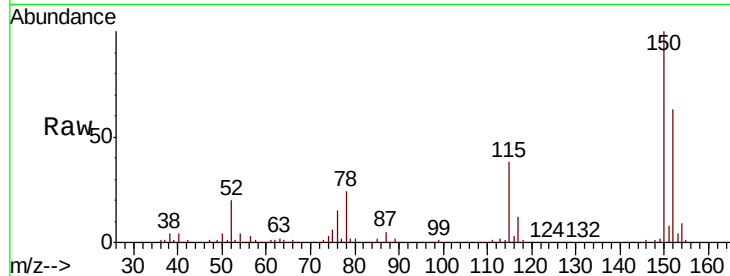




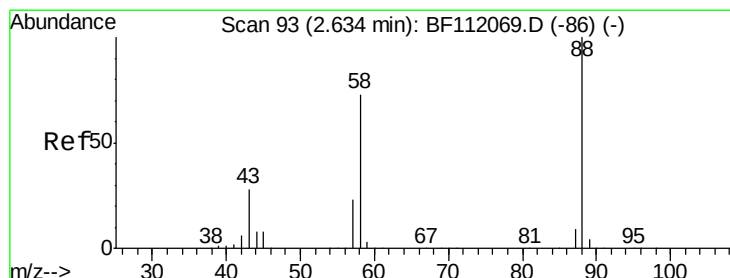
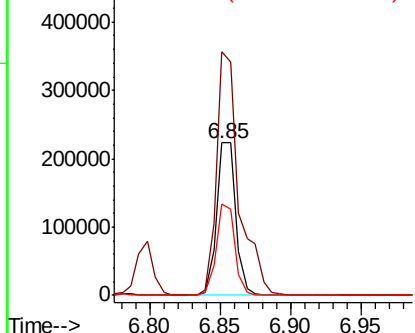
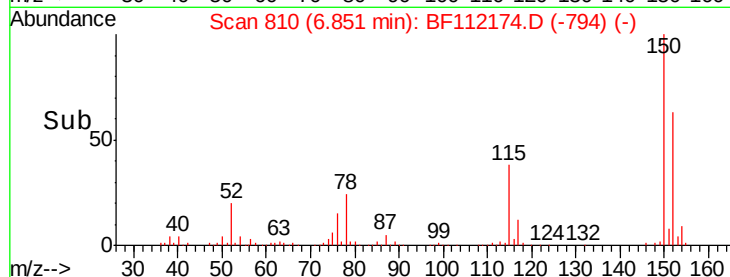
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.85 min Scan# 810
 Delta R.T. -0.01 min
 Lab File: BF112174.D
 Acq: 21 Jan 2019 23:24

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion: 152 Resp: 210611
 Ion Ratio Lower Upper
 152 100
 150 159.9 127.4 191.0
 115 60.3 45.5 68.3

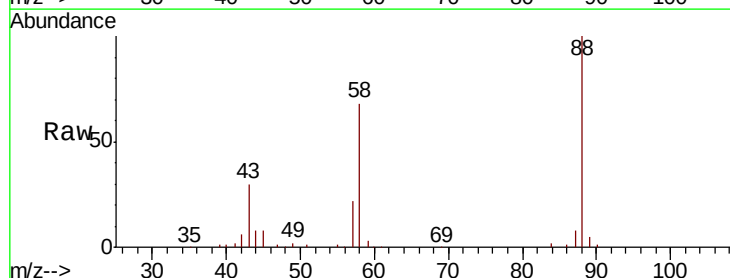


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

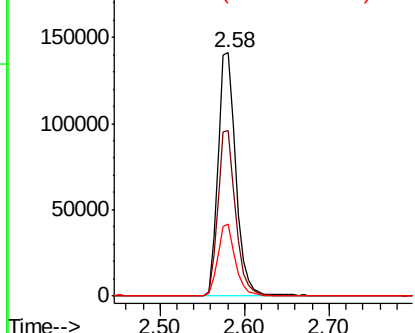
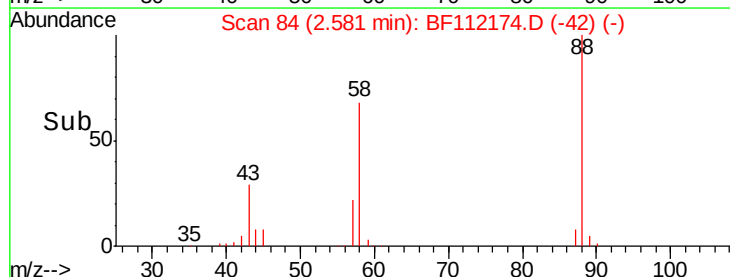


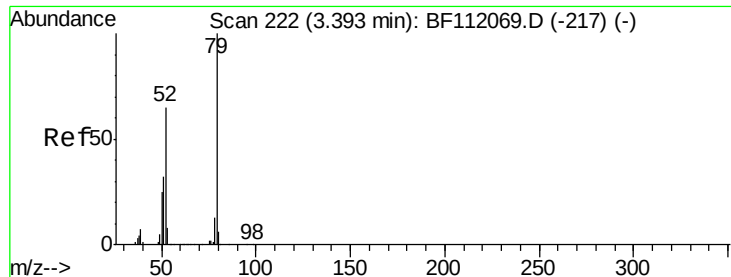
#2
 1,4-Dioxane
 Concen: 39.085 ng
 RT: 2.58 min Scan# 84
 Delta R.T. -0.05 min
 Lab File: BF112174.D
 Acq: 21 Jan 2019 23:24

Tgt Ion: 88 Resp: 212708
 Ion Ratio Lower Upper
 88 100
 58 66.8 57.4 86.2
 43 29.3 22.2 33.4



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

Pyridine

Concen: 39.403 ng

RT: 3.34 min Scan# 213

Delta R.T. -0.05 min

Lab File: BF112174.D

Acq: 21 Jan 2019 23:24

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

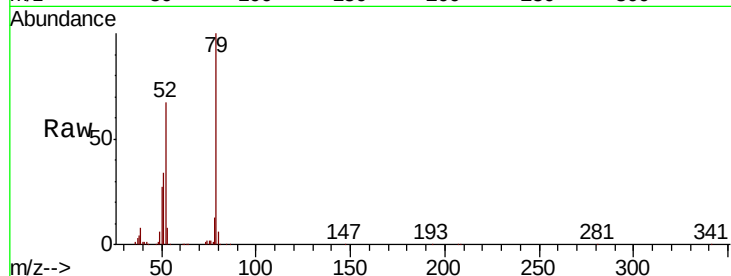
Tgt Ion: 79 Resp: 537078

Ion Ratio Lower Upper

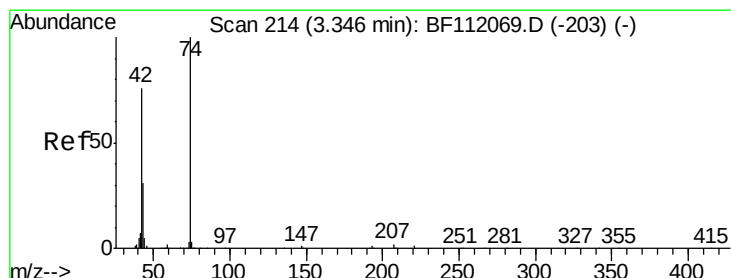
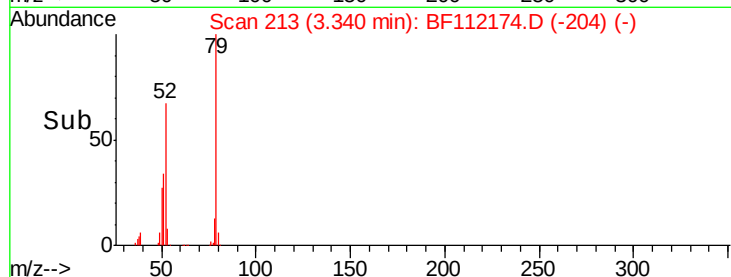
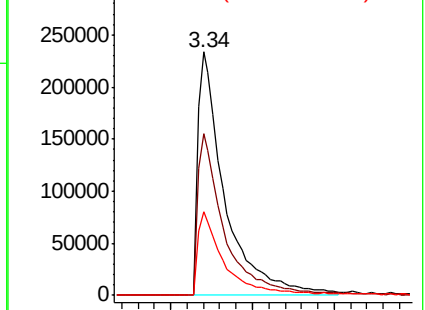
79 100

52 66.5 52.4 78.6

51 34.4 26.1 39.1



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



#4

n-Nitrosodimethylamine

Concen: 38.911 ng

RT: 3.29 min Scan# 204

Delta R.T. -0.05 min

Lab File: BF112174.D

Acq: 21 Jan 2019 23:24

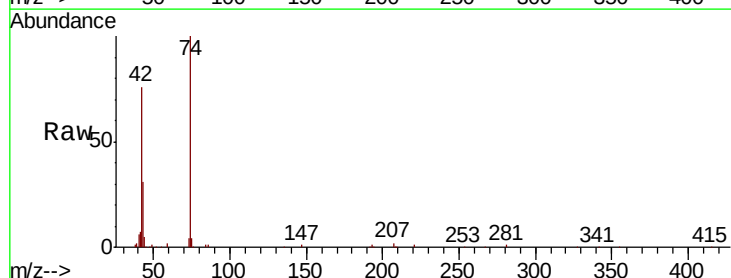
Tgt Ion: 42 Resp: 215343

Ion Ratio Lower Upper

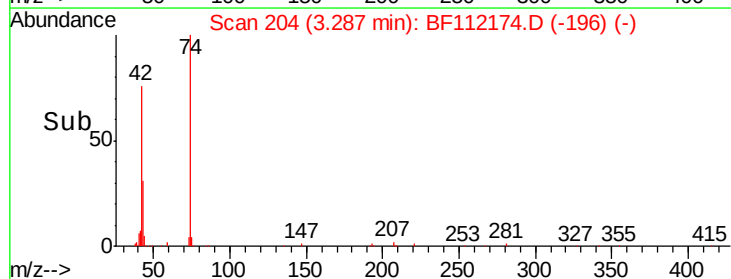
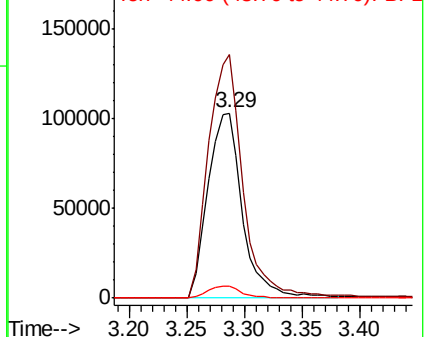
42 100

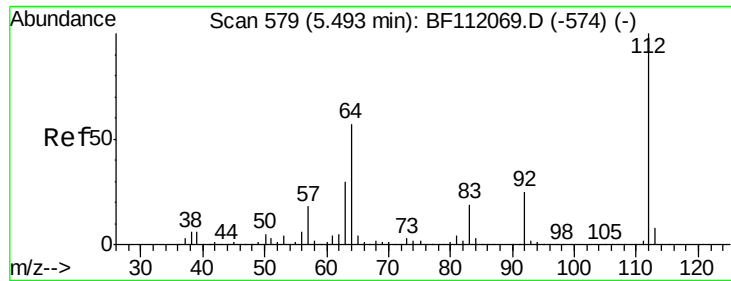
74 131.6 105.6 158.4

44 6.6 5.4 8.2



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





#5

2-Fluorophenol

Concen: 85.077 ng

RT: 5.48 min Scan# 577

Delta R.T. -0.01 min

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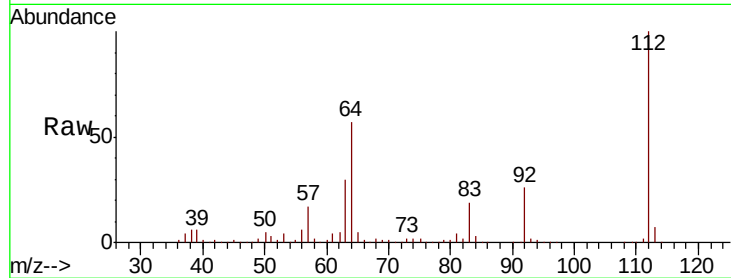
Tgt Ion: 112 Resp: 987204

Ion Ratio Lower Upper

112 100

64 56.7 45.7 68.5

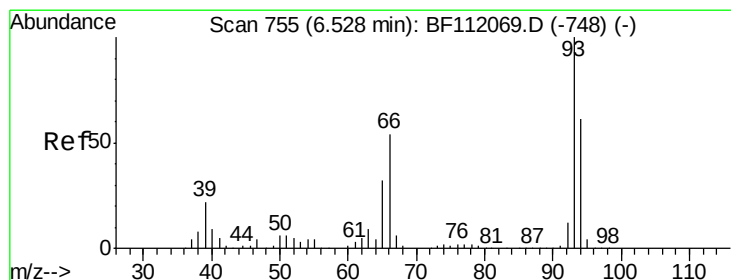
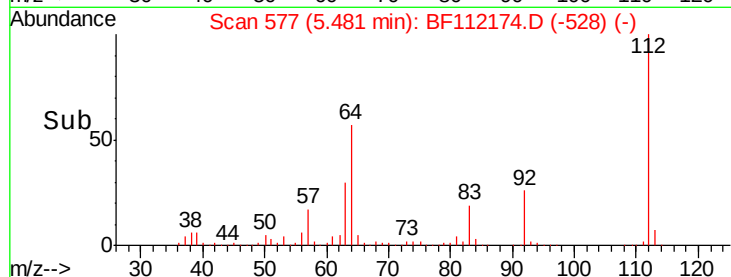
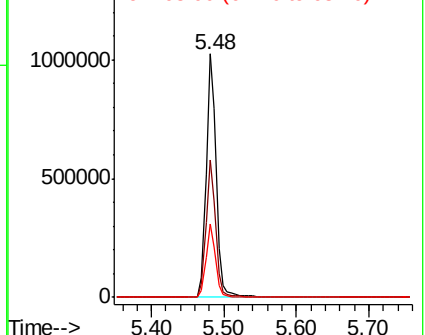
63 29.9 23.6 35.4



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: 38.180 ng

RT: 6.52 min Scan# 753

Delta R.T. -0.01 min

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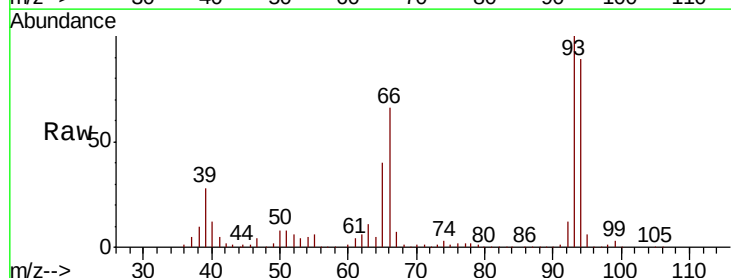
Tgt Ion: 93 Resp: 674169

Ion Ratio Lower Upper

93 100

66 66.2 43.4 65.2#

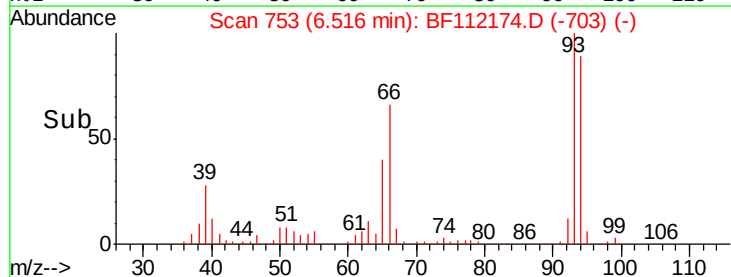
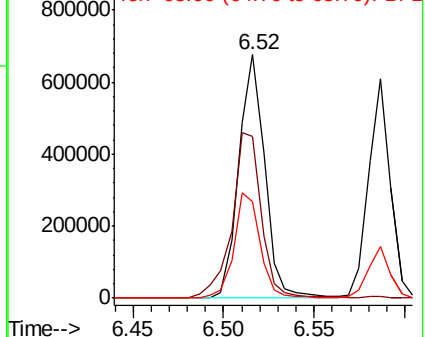
65 39.6 25.3 37.9#

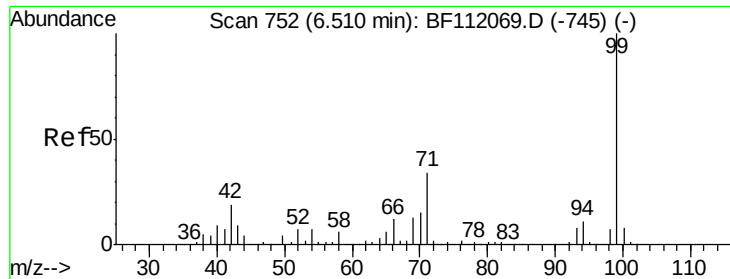


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 78.939 ng

RT: 6.50 min Scan# 750

Delta R.T. -0.01 min

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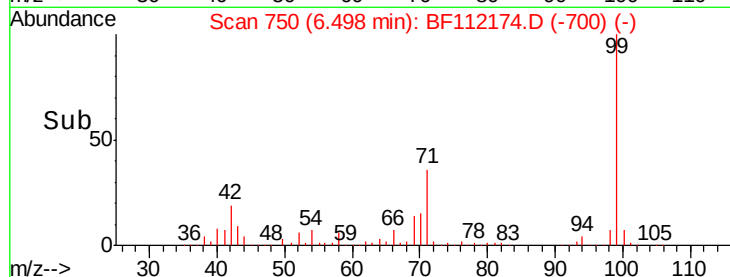
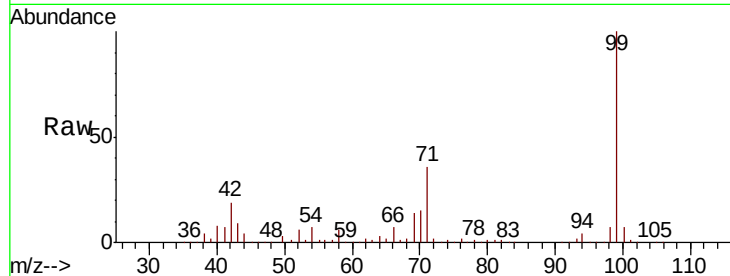
Tgt Ion: 99 Resp: 1146041

Ion Ratio Lower Upper

99 100

42 18.7 15.1 22.7

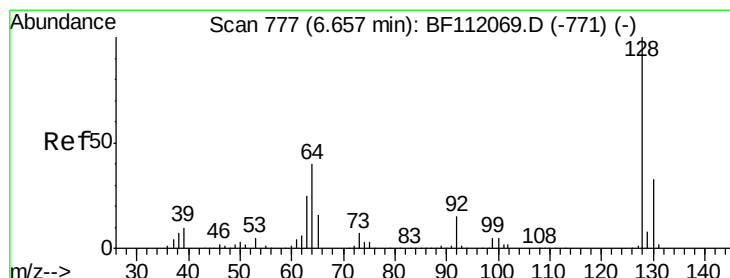
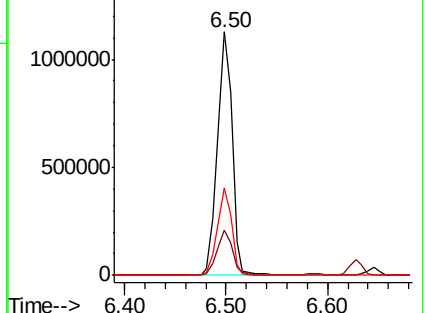
71 36.0 26.9 40.3



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 40.725 ng

RT: 6.65 min Scan# 775

Delta R.T. -0.01 min

Lab File: BF112174.D

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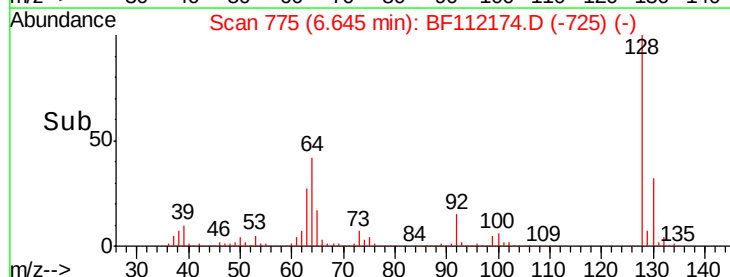
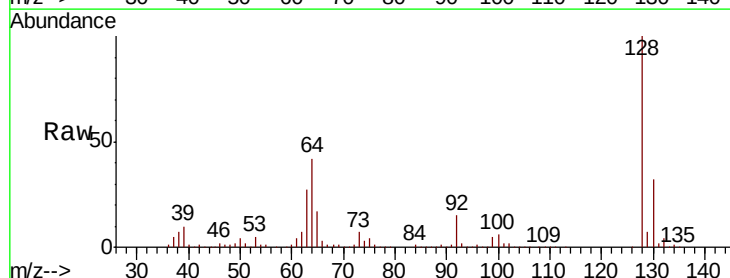
Tgt Ion: 128 Resp: 548826

Ion Ratio Lower Upper

128 100

130 32.2 13.4 53.4

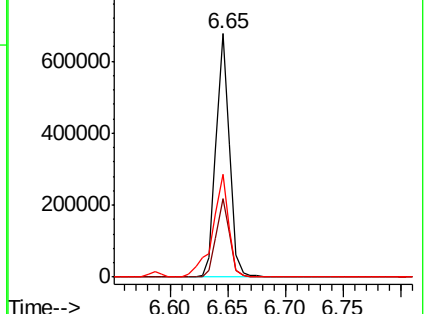
64 42.1 20.5 60.5

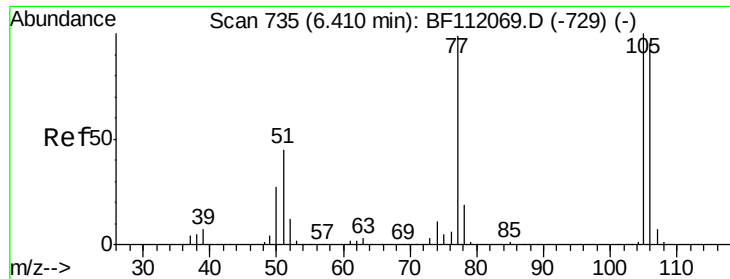


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 39.660 ng

RT: 6.40 min Scan# 734

Delta R.T. 0.00 min

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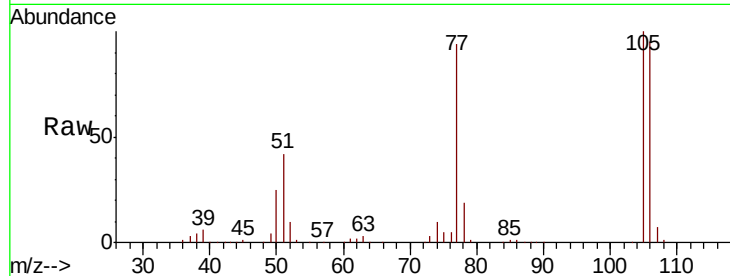
Tgt Ion: 77 Resp: 310177

Ion Ratio Lower Upper

77 100

105 106.0 80.8 120.8

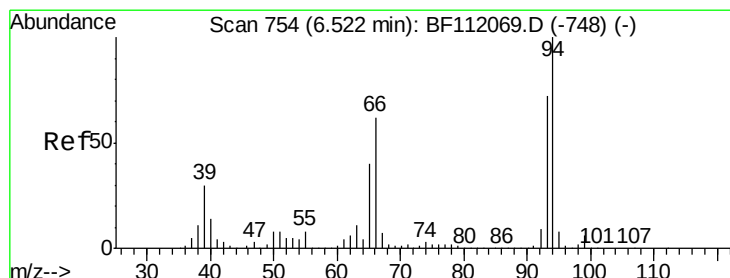
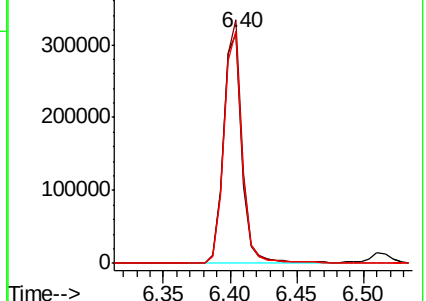
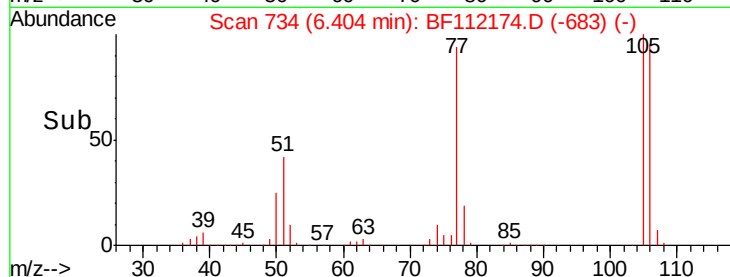
106 101.3 75.7 115.7



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E



#10

Phenol

Concen: 39.114 ng

RT: 6.51 min Scan# 752

Delta R.T. -0.01 min

Lab File: BF112174.D

Acq: 21 Jan 2019 23:24

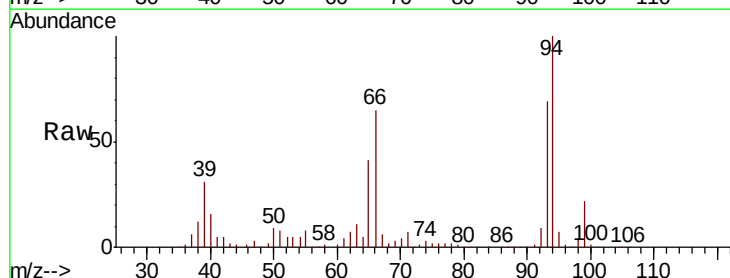
Tgt Ion: 94 Resp: 620610

Ion Ratio Lower Upper

94 100

65 41.2 20.3 60.3

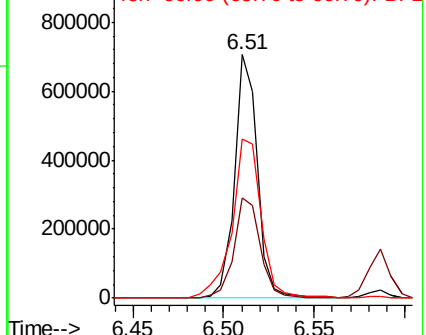
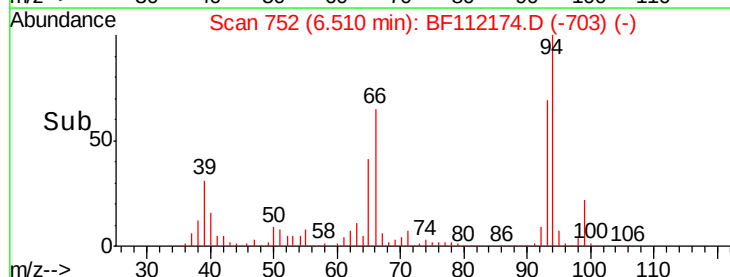
66 65.2 42.4 82.4

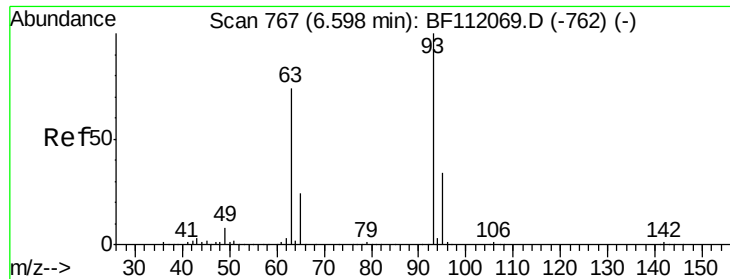


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

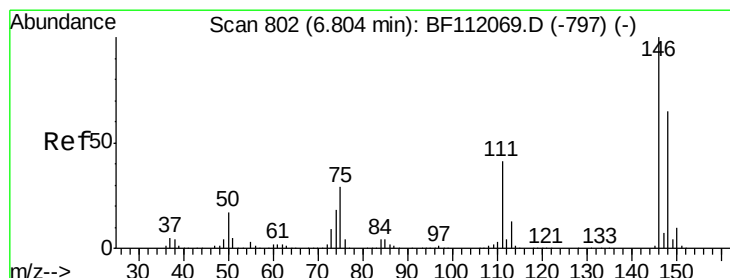
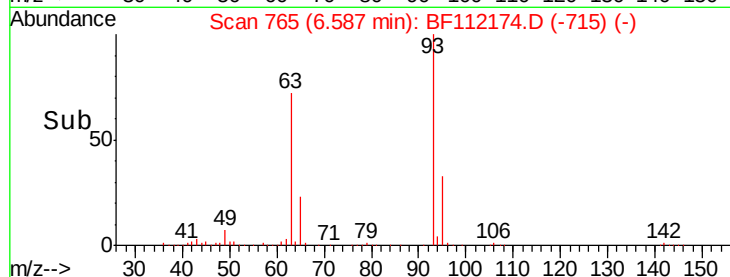
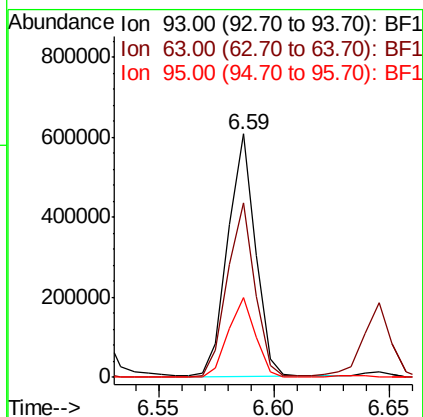
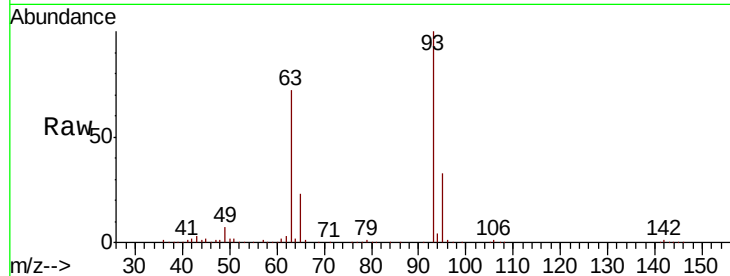




#11
bis(2-Chloroethyl)ether
Concen: 39.940 ng
RT: 6.59 min Scan# 765
Delta R.T. -0.01 min
Lab File: BF112174.D
Acq: 21 Jan 2019 23:24

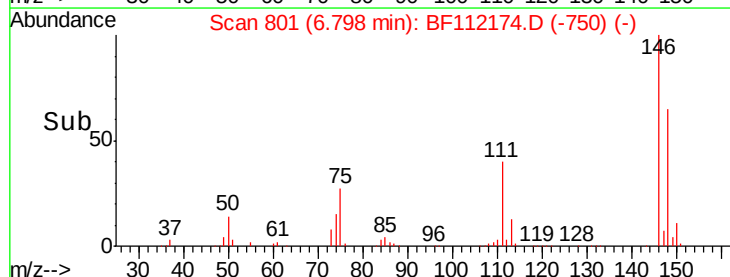
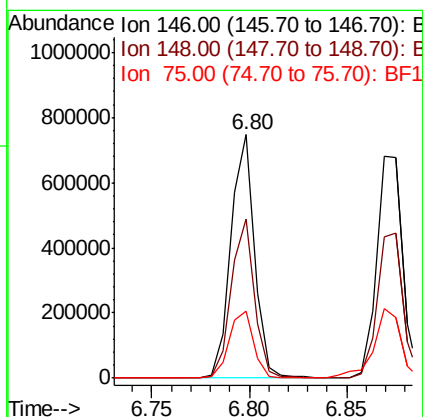
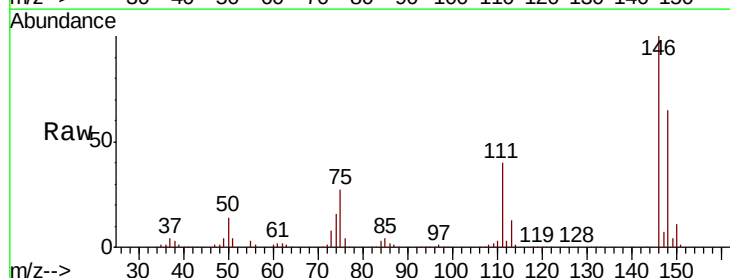
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

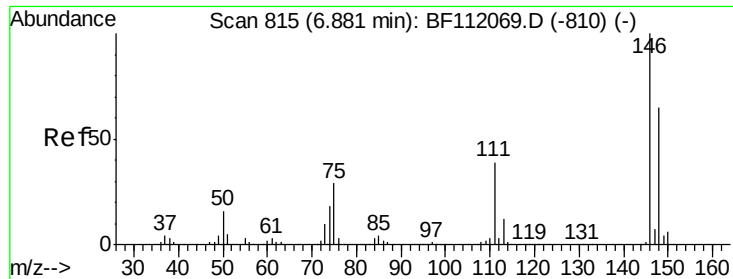
Tgt Ion	Ratio	Lower	Upper
93	100		
63	71.9	53.3	93.3
95	32.8	13.4	53.4



#12
1,3-Dichlorobenzene
Concen: 40.971 ng
RT: 6.80 min Scan# 801
Delta R.T. 0.00 min
Lab File: BF112174.D
Acq: 21 Jan 2019 23:24

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.1	51.8	77.8
75	27.4	23.1	34.7

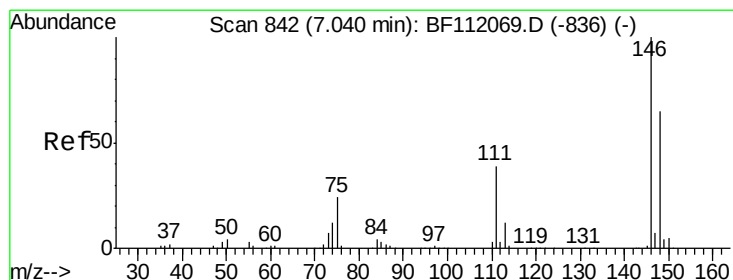
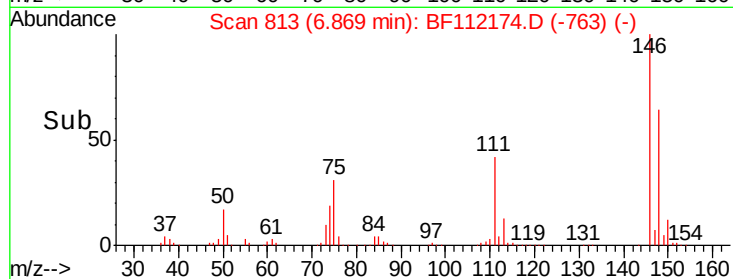
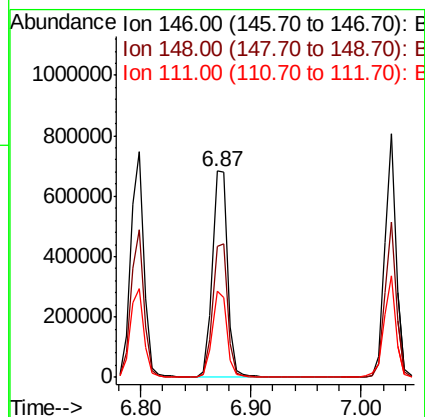
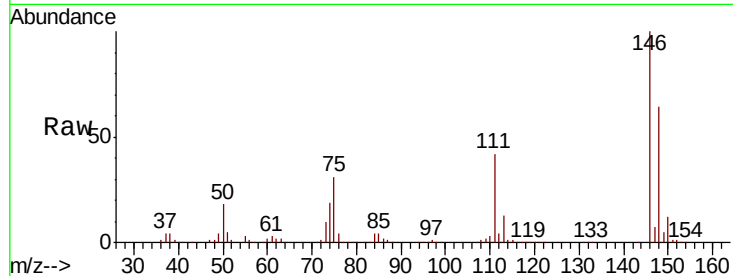




#13
 1,4-Dichlorobenzene
 Concen: 40.568 ng
 RT: 6.87 min Scan# 813
 Delta R.T. -0.01 min
 Lab File: BF112174.D
 Acq: 21 Jan 2019 23:24

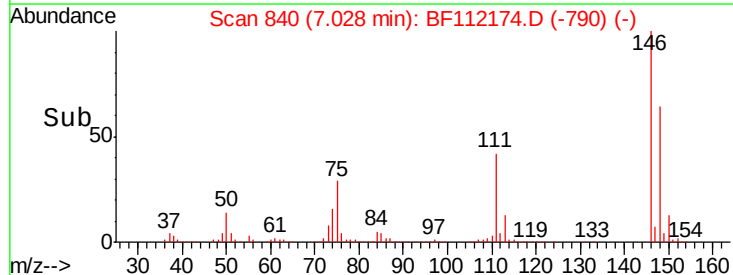
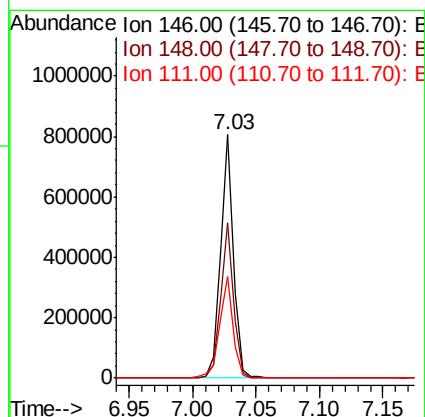
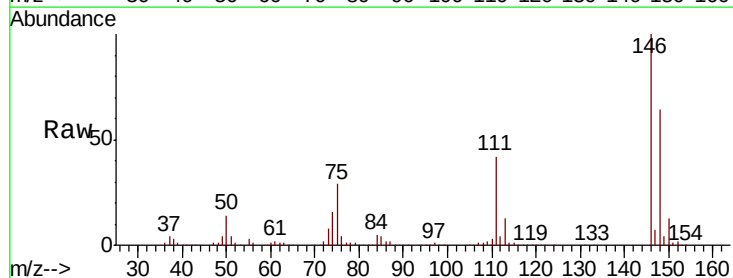
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

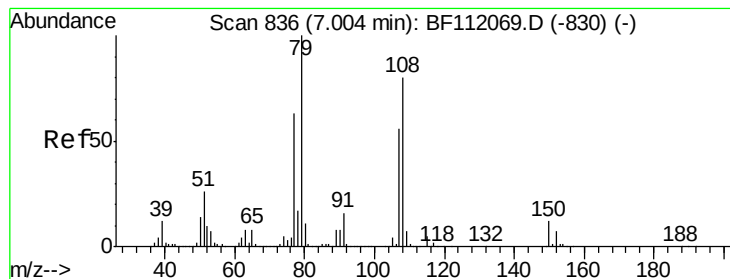
Tgt Ion:146 Resp: 638199
 Ion Ratio Lower Upper
 146 100
 148 63.5 52.0 78.0
 111 41.9 31.2 46.8



#14
 1,2-Dichlorobenzene
 Concen: 40.096 ng
 RT: 7.03 min Scan# 840
 Delta R.T. -0.01 min
 Lab File: BF112174.D
 Acq: 21 Jan 2019 23:24

Tgt Ion:146 Resp: 581028
 Ion Ratio Lower Upper
 146 100
 148 63.9 52.2 78.4
 111 41.6 31.2 46.8





#15

Benzyl Alcohol

Concen: 39.854 ng

RT: 7.00 min Scan# 835

Delta R.T. -0.01 min

Lab File: BF112174.D

Acq: 21 Jan 2019 23:24

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

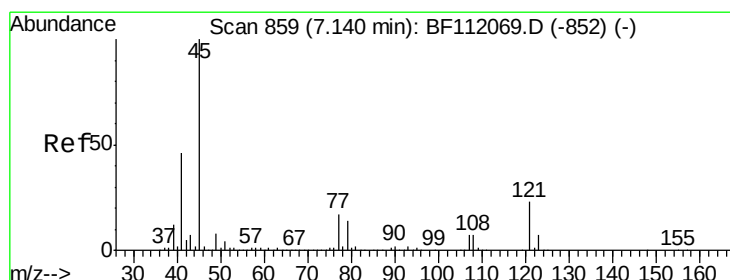
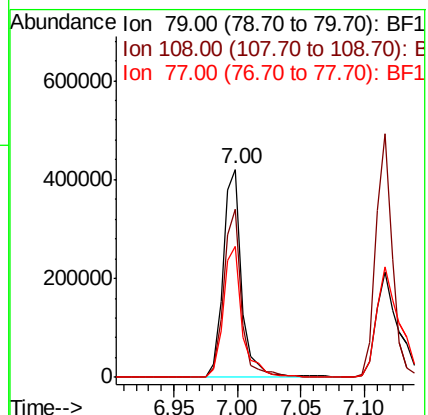
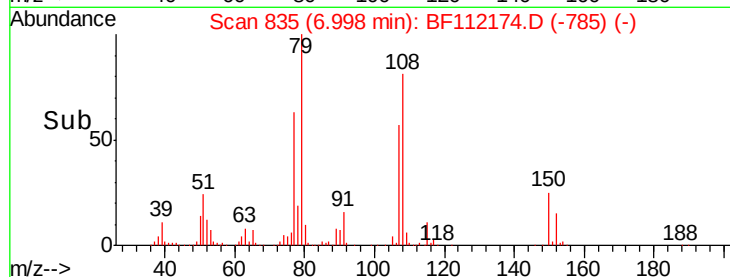
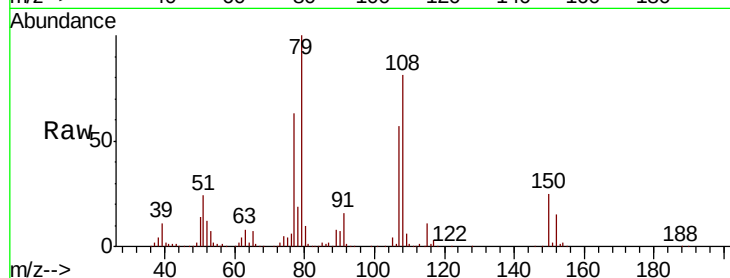
Tgt Ion: 79 Resp: 431074

Ion Ratio Lower Upper

79 100

108 80.9 64.2 96.2

77 63.0 50.3 75.5



#16

2,2'-oxybis(1-chloropropane)

Concen: 35.455 ng

RT: 7.13 min Scan# 857

Delta R.T. -0.01 min

Lab File: BF112174.D

Acq: 21 Jan 2019 23:24

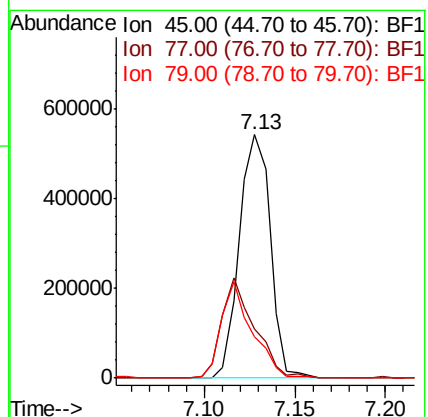
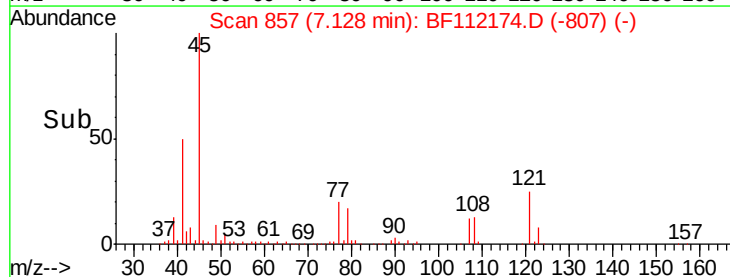
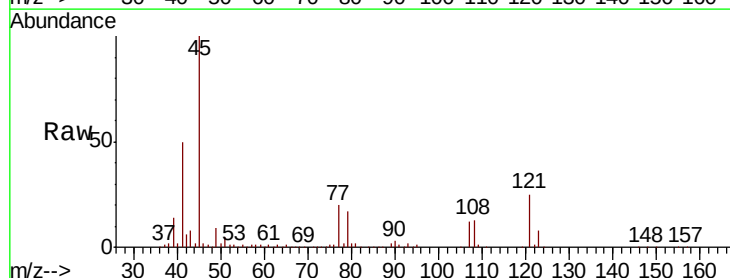
Tgt Ion: 45 Resp: 645019

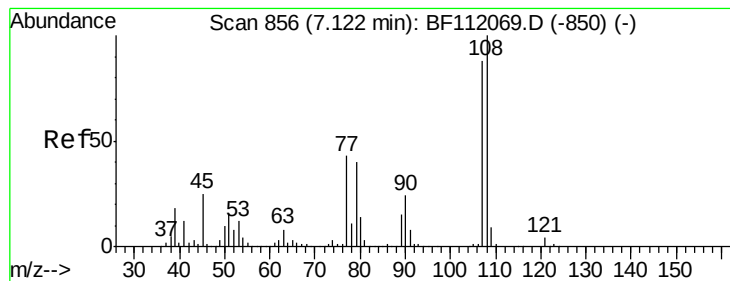
Ion Ratio Lower Upper

45 100

77 20.3 0.0 36.9

79 16.8 0.0 34.0

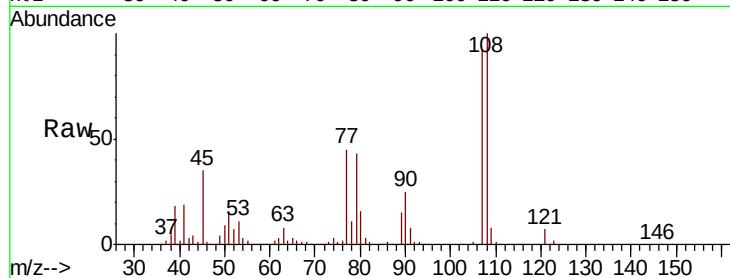




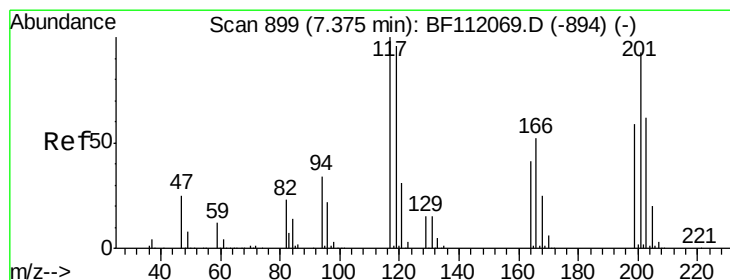
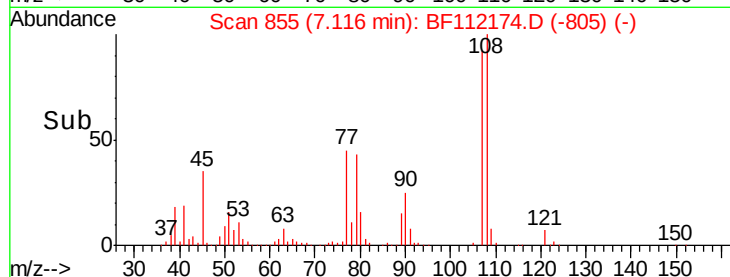
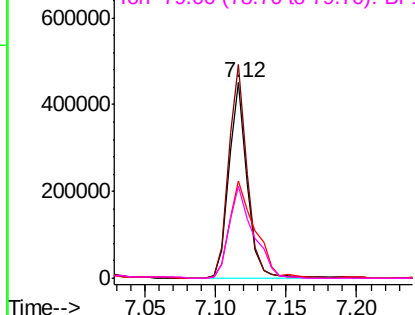
#17
2-Methylphenol
Concen: 39.791 ng
RT: 7.12 min Scan# 855
Delta R.T. -0.01 min
Lab File: BF112174.D
Acq: 21 Jan 2019 23:24

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:	107	Resp:	402712
Ion	Ratio	Lower	Upper
107	100		
108	109.2	91.3	136.9
77	49.5	39.0	58.6
79	47.4	37.0	55.4

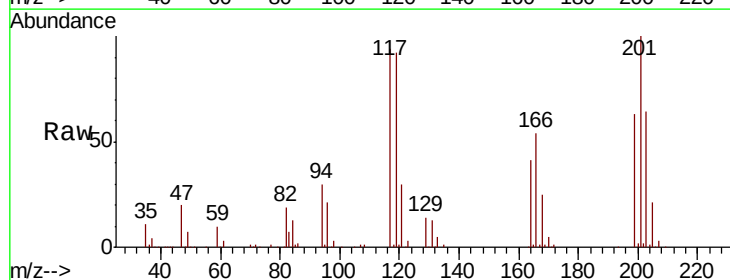


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

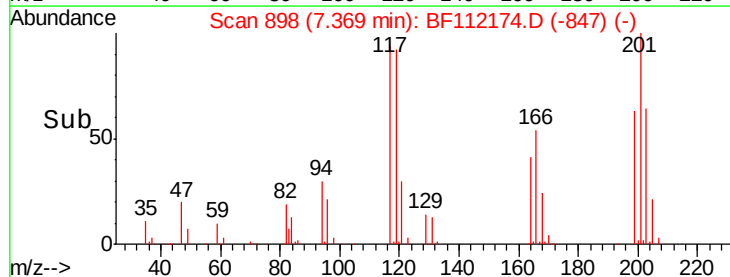
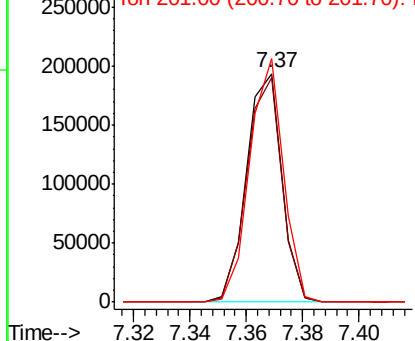


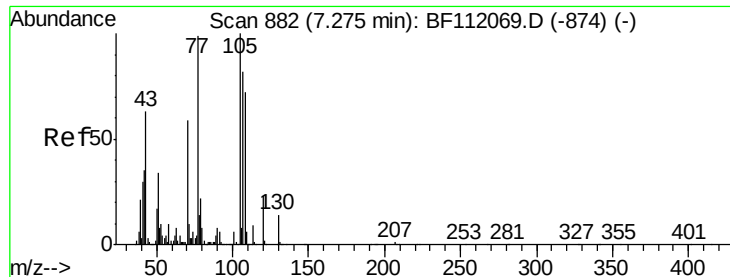
#18
Hexachloroethane
Concen: 32.144 ng
RT: 7.37 min Scan# 898
Delta R.T. 0.00 min
Lab File: BF112174.D
Acq: 21 Jan 2019 23:24

Tgt Ion:	117	Resp:	168777
Ion	Ratio	Lower	Upper
117	100		
119	98.5	77.0	115.4
201	106.6	74.1	111.1



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

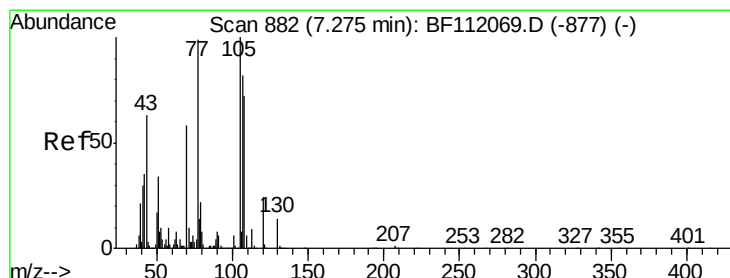
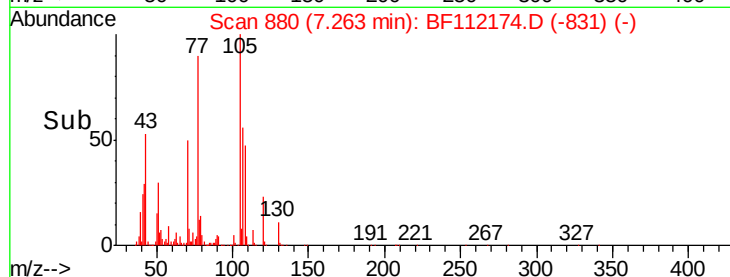
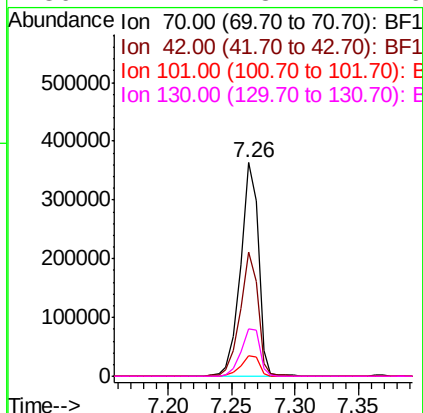
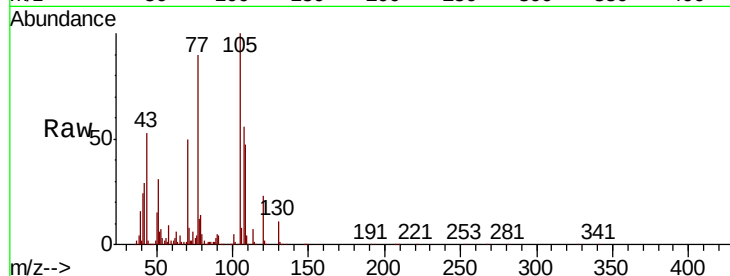




#19
n-Nitroso-di-n-propylamine
Concen: 39.958 ng
RT: 7.26 min Scan# 880
Delta R.T. -0.01 min
Lab File: BF112174.D
Acq: 21 Jan 2019 23:24

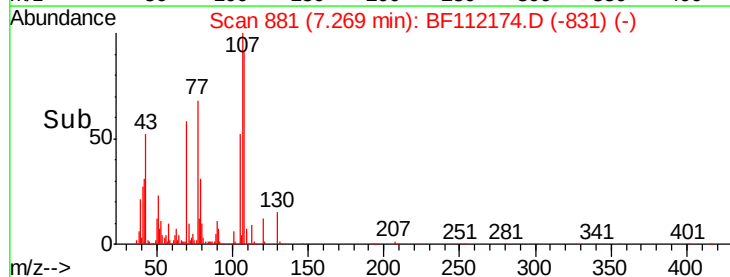
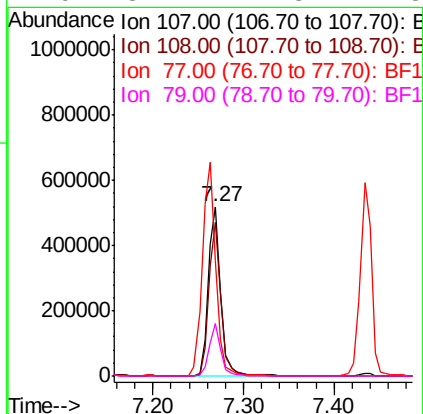
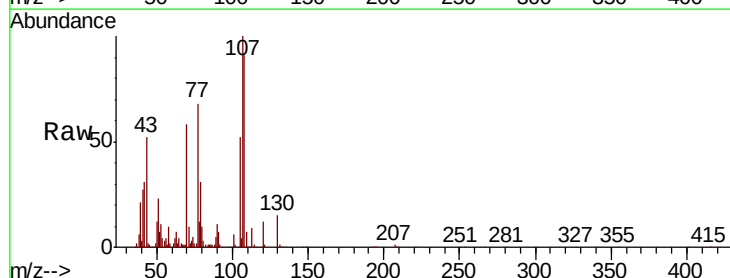
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

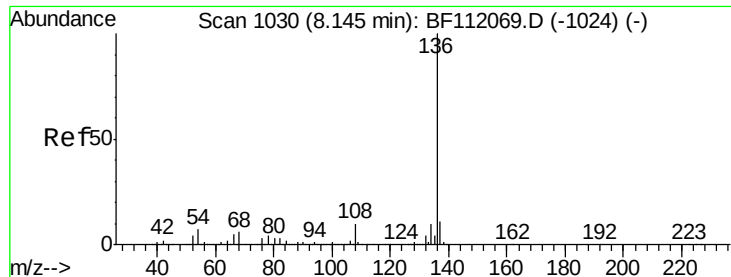
Tgt Ion:	70	Resp:	353409
Ion	Ratio	Lower	Upper
70	100		
42	58.1	47.6	71.4
101	9.9	7.9	11.9
130	22.4	18.4	27.6



#20
3+4-Methylphenols
Concen: 41.061 ng
RT: 7.27 min Scan# 881
Delta R.T. -0.01 min
Lab File: BF112174.D
Acq: 21 Jan 2019 23:24

Tgt Ion:	107	Resp:	503867
Ion	Ratio	Lower	Upper
107	100		
108	90.7	68.2	108.2
77	68.4	100.7	140.7#
79	31.2	7.3	47.3

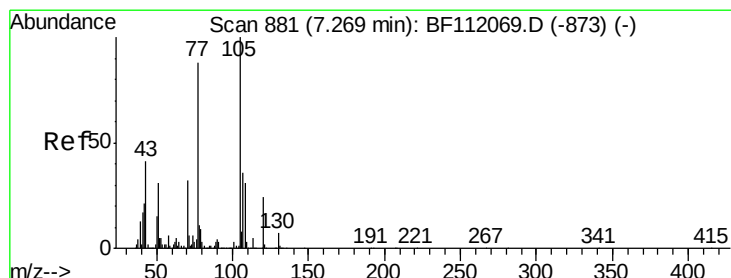
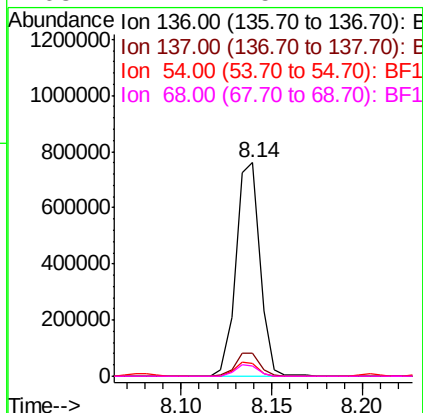
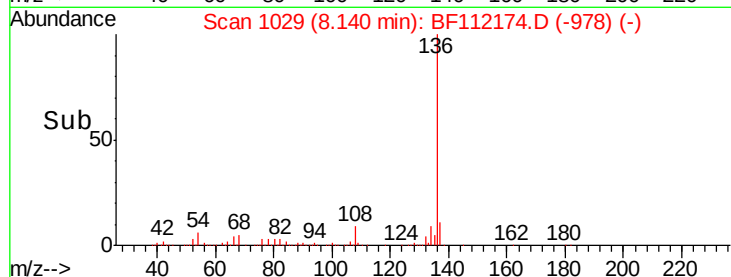
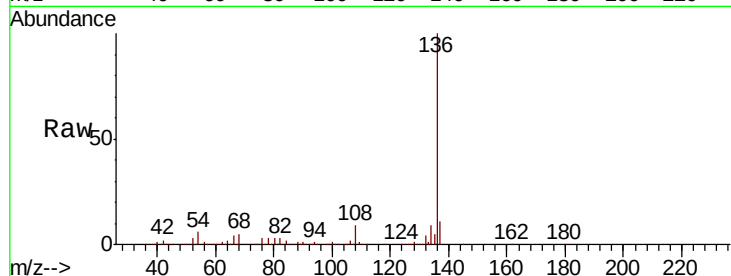




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.14 min Scan# 1029
Delta R.T. 0.00 min
Lab File: BF112174.D
Acq: 21 Jan 2019 23:24

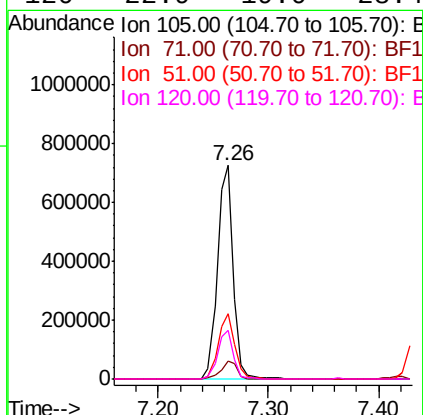
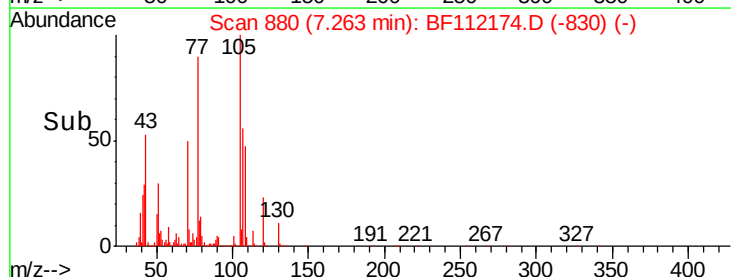
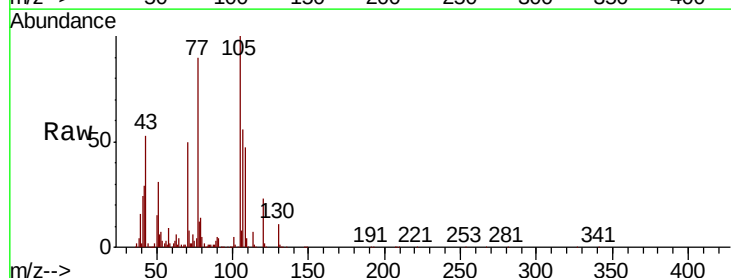
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

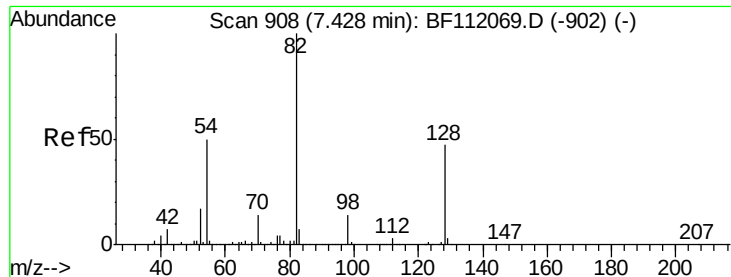
Tgt Ion:	136	Resp:	702763
Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.1	13.7
54	6.1	5.9	8.9
68	4.7	5.1	7.7#



#22
Acetophenone
Concen: 43.783 ng
RT: 7.26 min Scan# 880
Delta R.T. -0.01 min
Lab File: BF112174.D
Acq: 21 Jan 2019 23:24

Tgt Ion:	105	Resp:	712845
Ion	Ratio	Lower	Upper
105	100		
71	8.5	4.6	6.8#
51	30.5	25.0	37.6
120	22.9	19.0	28.4

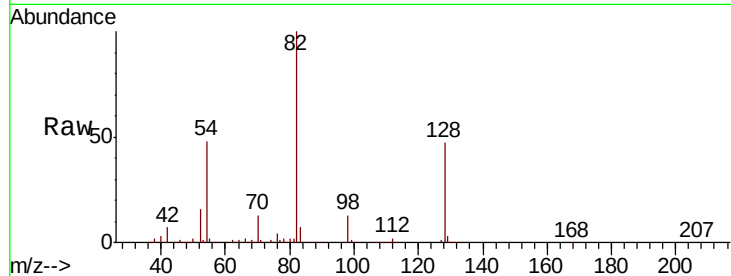




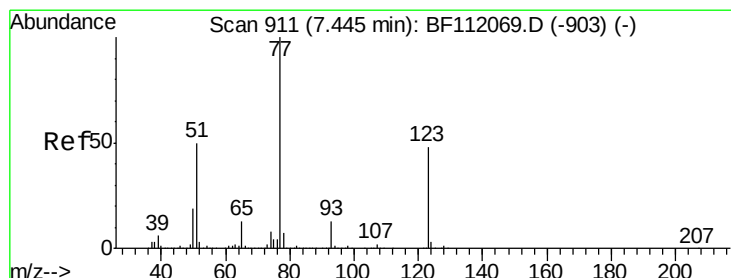
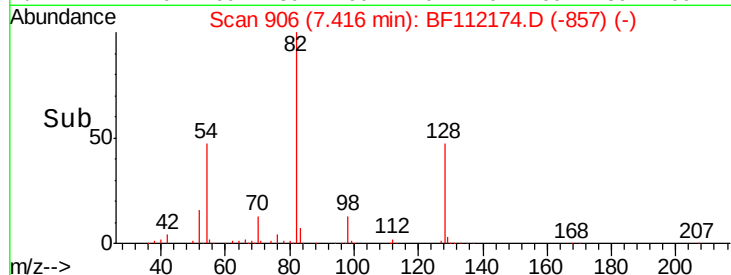
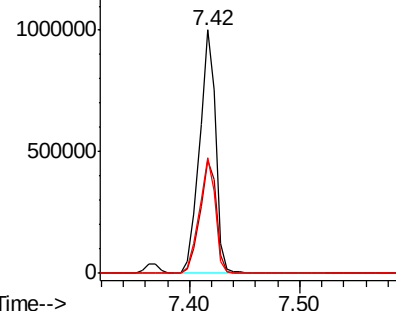
#23
 Nitrobenzene-d5
 Concen: 98.306 ng
 RT: 7.42 min Scan# 906
 Delta R.T. -0.01 min
 Lab File: BF112174.D
 Acq: 21 Jan 2019 23:24

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
82	100		
128	46.6	37.8	56.8
54	47.7	39.7	59.5

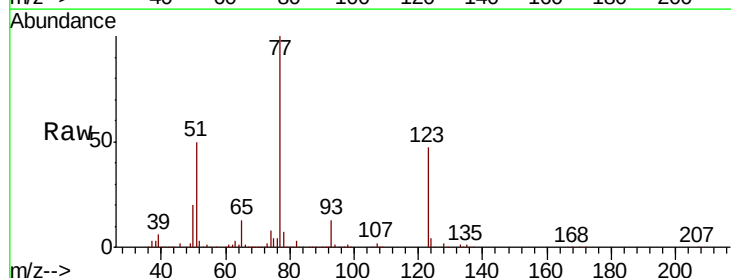


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

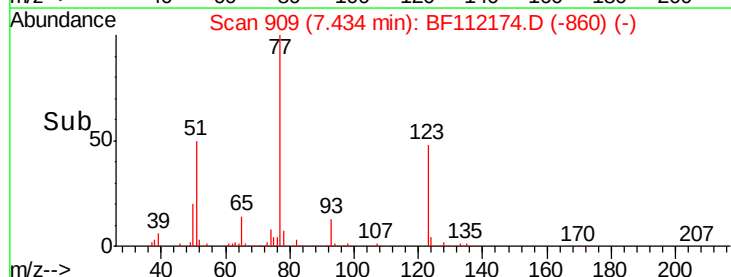
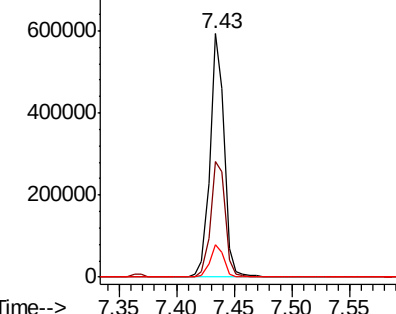


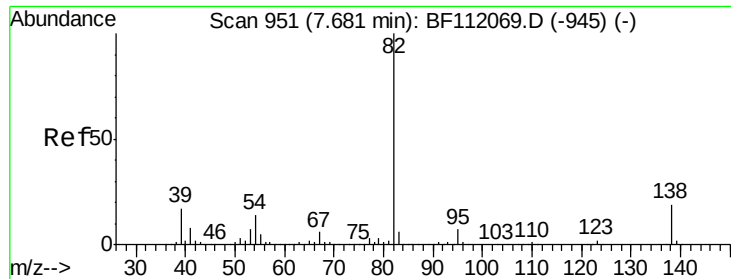
#24
 Nitrobenzene
 Concen: 46.667 ng
 RT: 7.43 min Scan# 909
 Delta R.T. -0.01 min
 Lab File: BF112174.D
 Acq: 21 Jan 2019 23:24

Tgt Ion	Ratio	Lower	Upper
77	100		
123	47.4	38.4	57.6
65	13.4	10.6	15.8



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

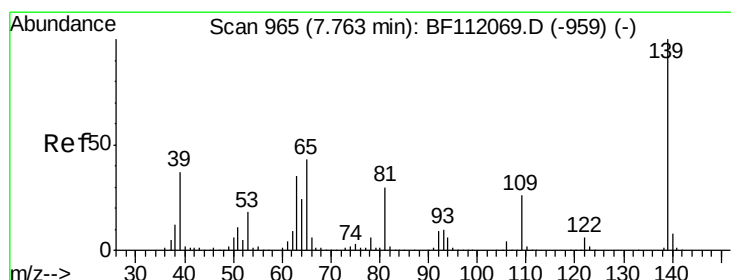
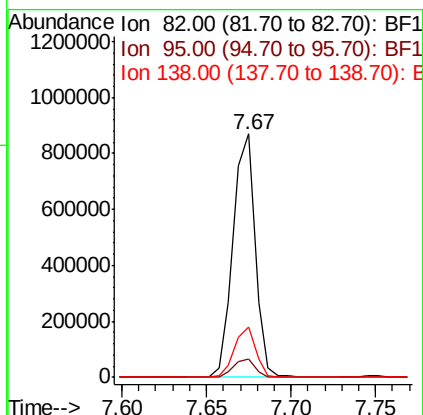
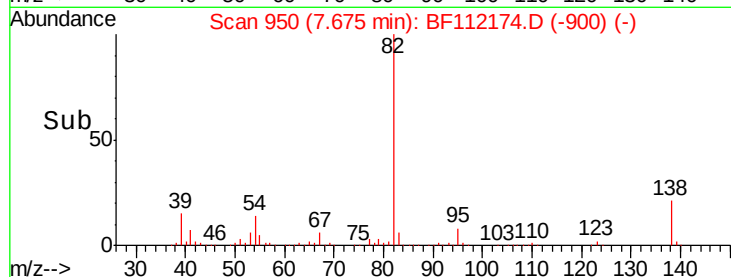
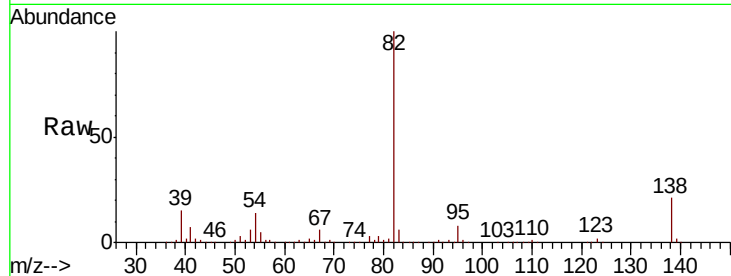




#25
Isophorone
Concen: 40.503 ng
RT: 7.67 min Scan# 950
Delta R.T. -0.01 min
Lab File: BF112174.D
Acq: 21 Jan 2019 23:24

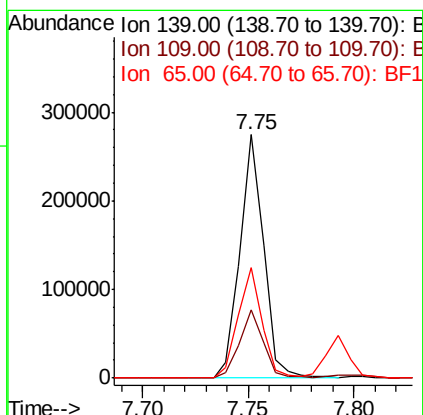
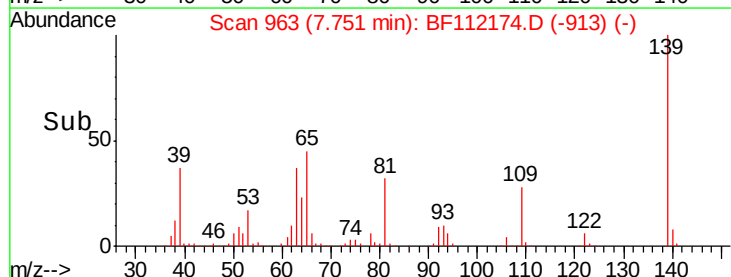
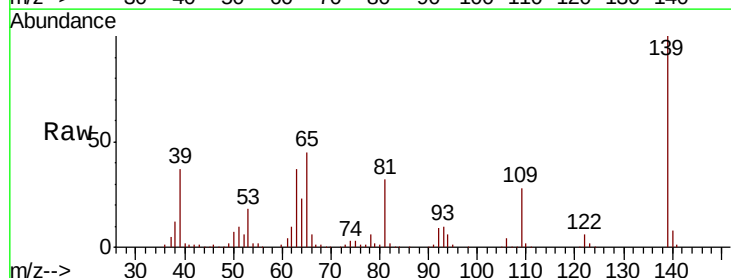
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

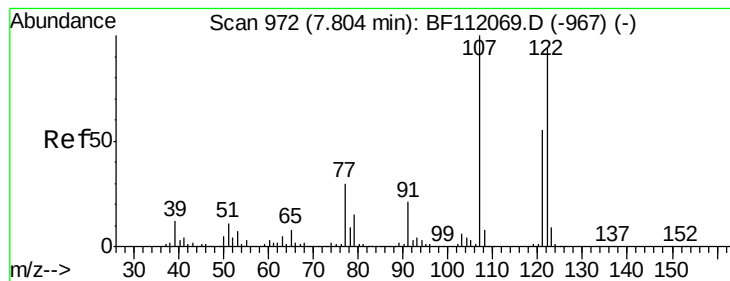
Tgt Ion: 82 Resp: 795768
Ion Ratio Lower Upper
82 100
95 7.7 5.7 8.5
138 20.8 15.4 23.0



#26
2-Nitrophenol
Concen: 39.750 ng
RT: 7.75 min Scan# 963
Delta R.T. -0.01 min
Lab File: BF112174.D
Acq: 21 Jan 2019 23:24

Tgt Ion: 139 Resp: 213963
Ion Ratio Lower Upper
139 100
109 27.8 20.8 31.2
65 45.5 34.4 51.6





#27

2,4-Dimethylphenol

Concen: 41.812 ng

RT: 7.79 min Scan# 970

Delta R.T. -0.01 min

Lab File: BF112174.D

Acq: 21 Jan 2019 23:24

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

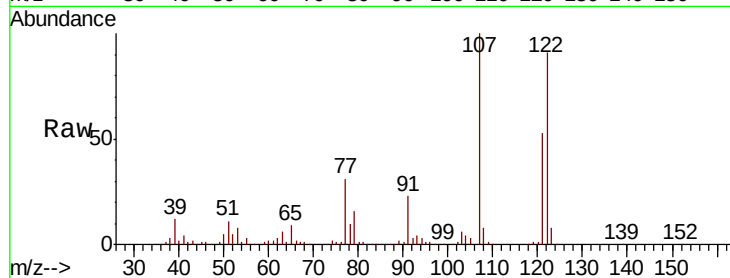
Tgt Ion: 122 Resp: 381323

Ion Ratio Lower Upper

122 100

107 110.4 85.4 128.0

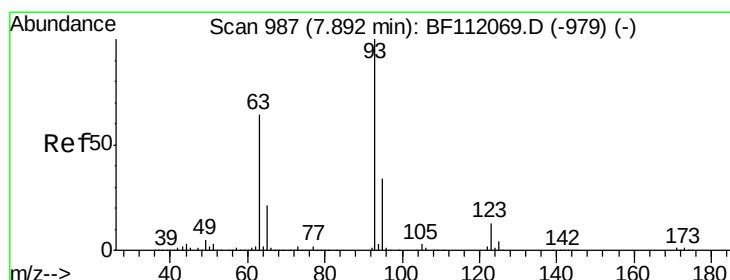
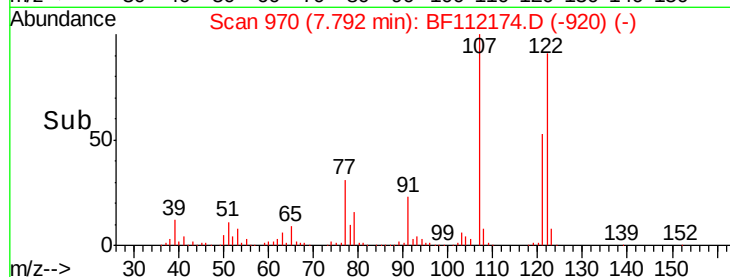
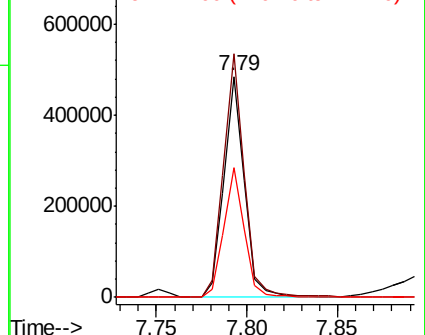
121 58.8 47.0 70.4



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 41.999 ng

RT: 7.88 min Scan# 985

Delta R.T. -0.01 min

Lab File: BF112174.D

Acq: 21 Jan 2019 23:24

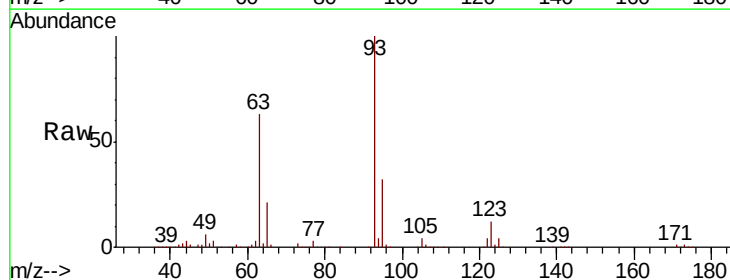
Tgt Ion: 93 Resp: 566024

Ion Ratio Lower Upper

93 100

95 32.2 26.8 40.2

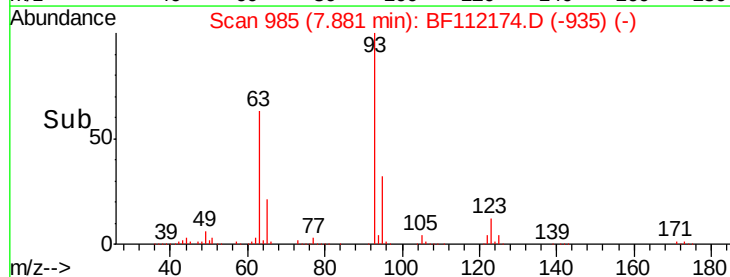
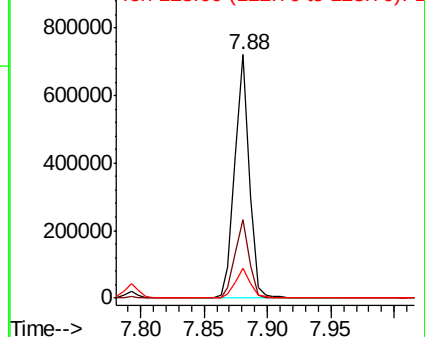
123 12.2 10.2 15.2

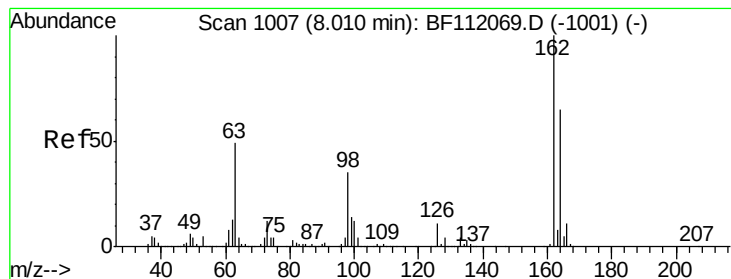


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 40.552 ng

RT: 8.00 min Scan# 1005

Delta R.T. -0.01 min

Lab File: BF112174.D

Acq: 21 Jan 2019 23:24

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

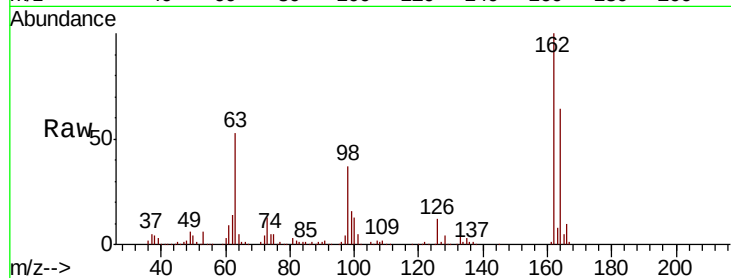
Tgt Ion:162 Resp: 404009

Ion Ratio Lower Upper

162 100

164 63.6 44.6 84.6

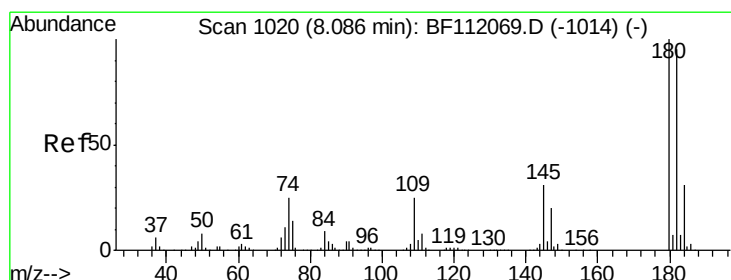
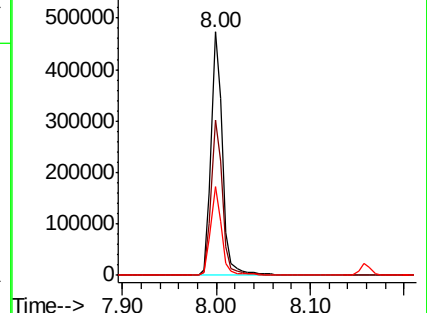
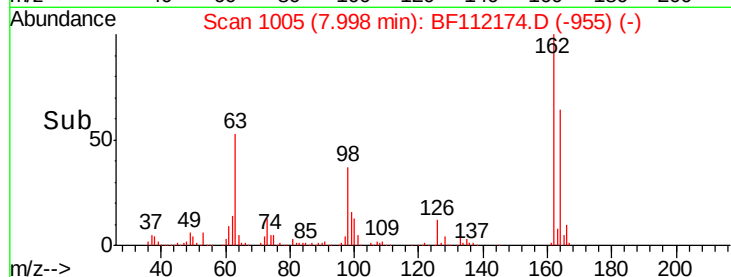
98 36.7 14.6 54.6



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30

1,2,4-Trichlorobenzene

Concen: 41.462 ng

RT: 8.08 min Scan# 1019

Delta R.T. -0.01 min

Lab File: BF112174.D

Acq: 21 Jan 2019 23:24

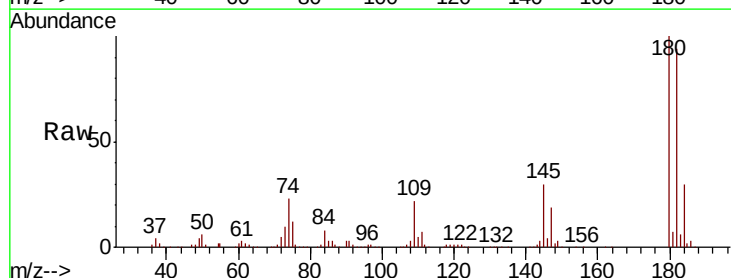
Tgt Ion:180 Resp: 479374

Ion Ratio Lower Upper

180 100

182 94.0 76.4 114.6

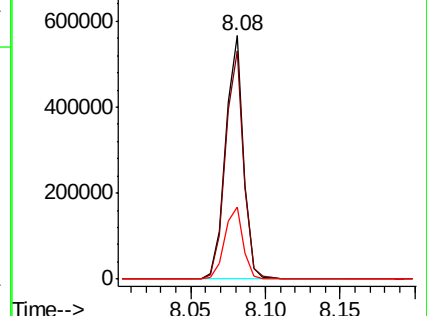
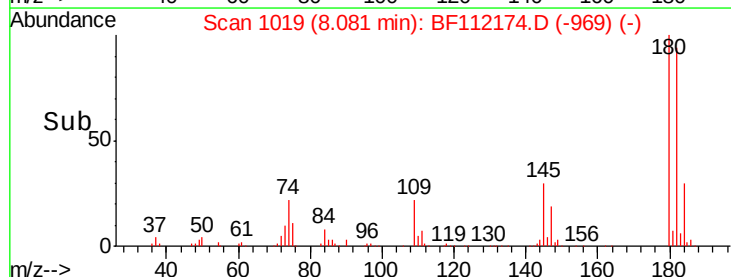
145 29.5 25.0 37.4

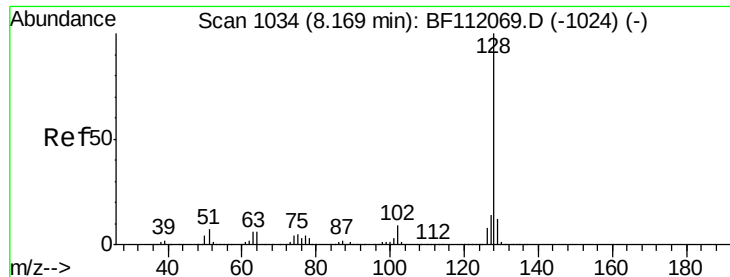


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

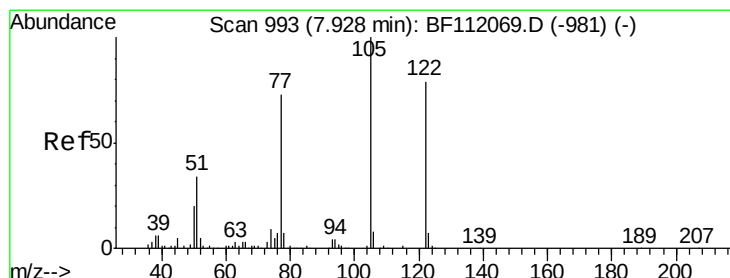
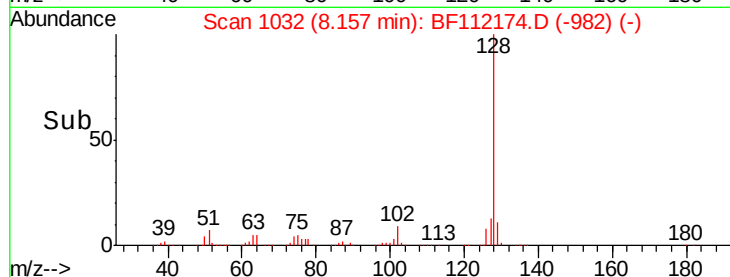
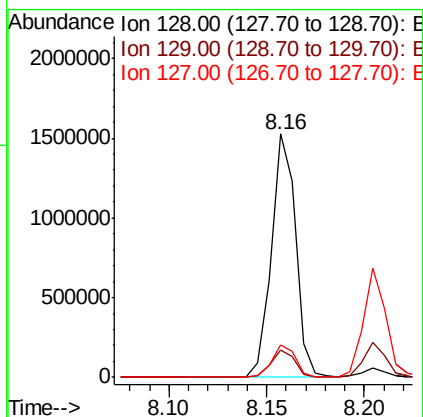
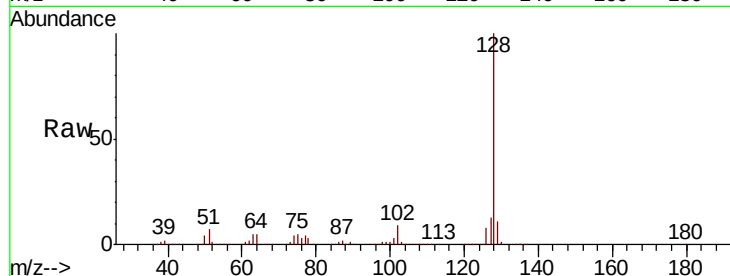




#31
Naphthalene
Concen: 41.050 ng
RT: 8.16 min Scan# 1032
Delta R.T. -0.01 min
Lab File: BF112174.D
Acq: 21 Jan 2019 23:24

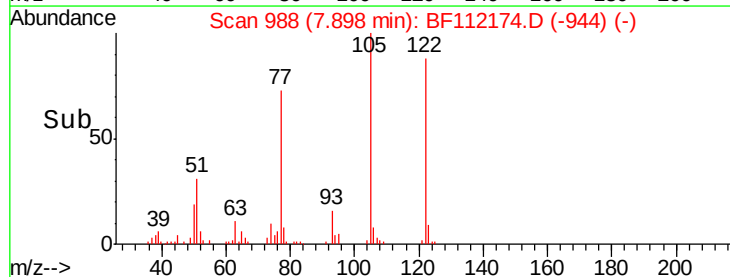
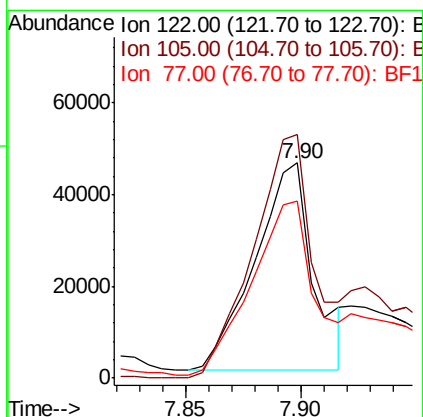
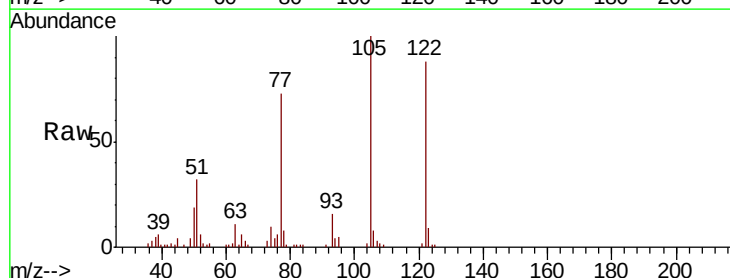
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

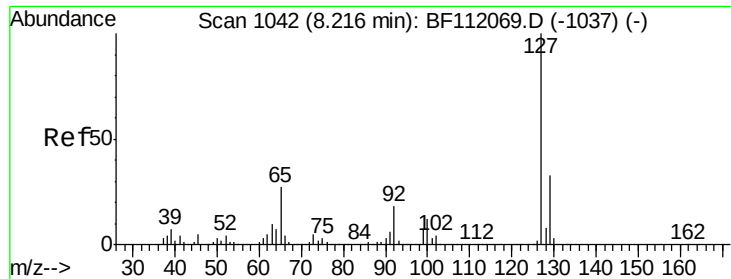
Tgt Ion:128 Resp: 1312103
Ion Ratio Lower Upper
128 100
129 11.2 9.6 14.4
127 13.4 11.1 16.7



#32
Benzoic acid
Concen: 25.582 ng
RT: 7.90 min Scan# 988
Delta R.T. -0.04 min
Lab File: BF112174.D
Acq: 21 Jan 2019 23:24

Tgt Ion:122 Resp: 79299
Ion Ratio Lower Upper
122 100
105 113.1 101.2 141.2
77 82.0 70.4 110.4

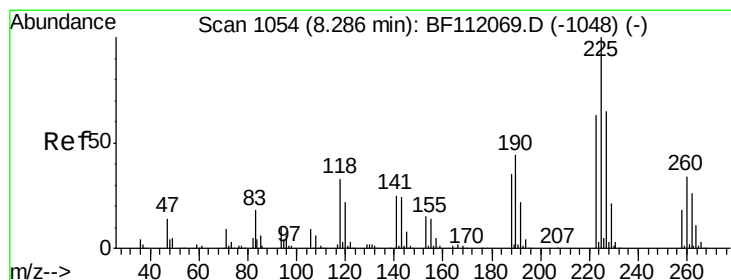
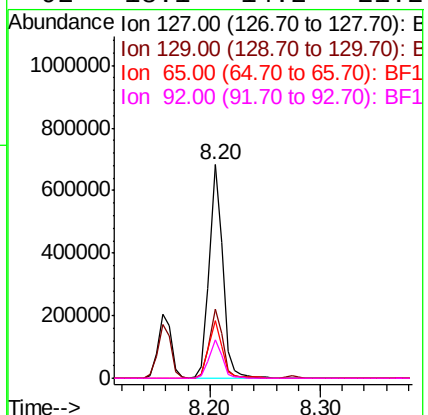
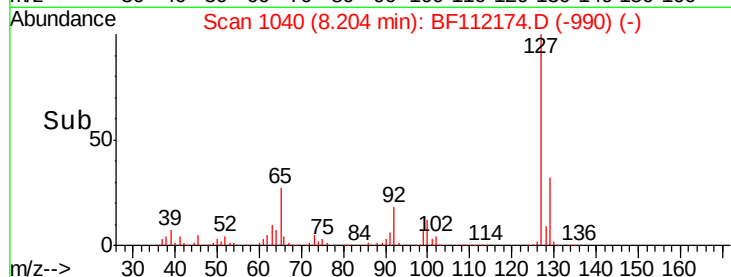
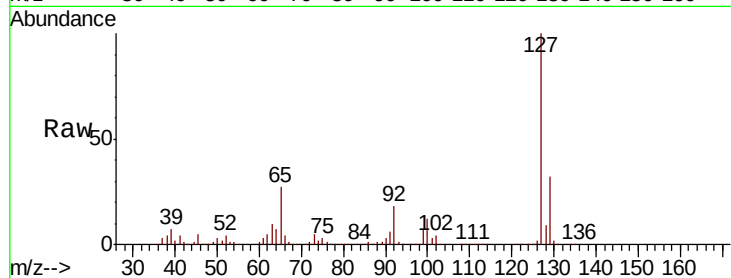




#33
4-Chloroaniline
Concen: 39.139 ng
RT: 8.20 min Scan# 1040
Delta R.T. -0.01 min
Lab File: BF112174.D
Acq: 21 Jan 2019 23:24

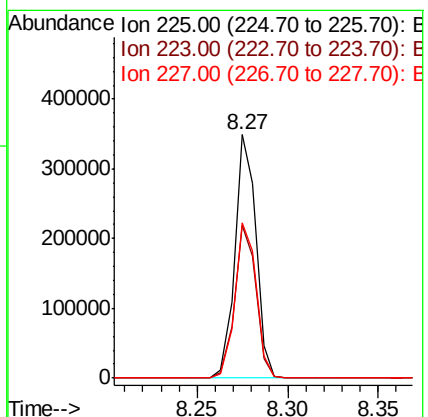
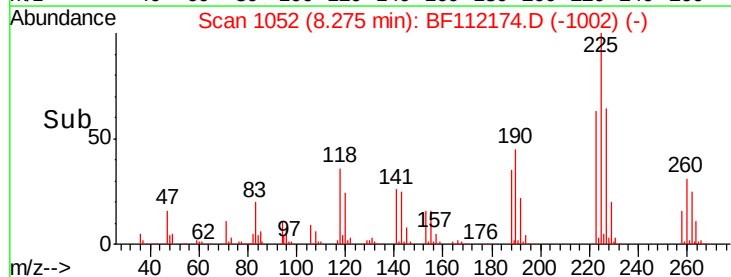
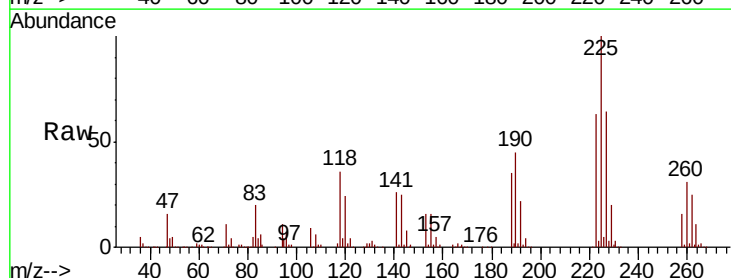
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

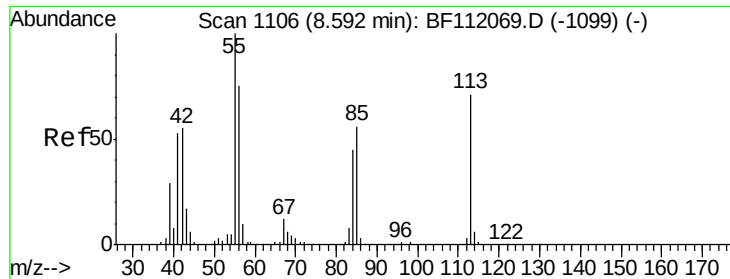
Tgt Ion:	127	Resp:	562247
Ion	Ratio	Lower	Upper
127	100		
129	32.2	26.6	39.8
65	27.1	21.4	32.2
92	18.1	14.2	21.2



#34
Hexachlorobutadiene
Concen: 44.011 ng
RT: 8.27 min Scan# 1052
Delta R.T. -0.01 min
Lab File: BF112174.D
Acq: 21 Jan 2019 23:24

Tgt Ion:	225	Resp:	283170
Ion	Ratio	Lower	Upper
225	100		
223	62.7	50.3	75.5
227	63.7	51.8	77.8

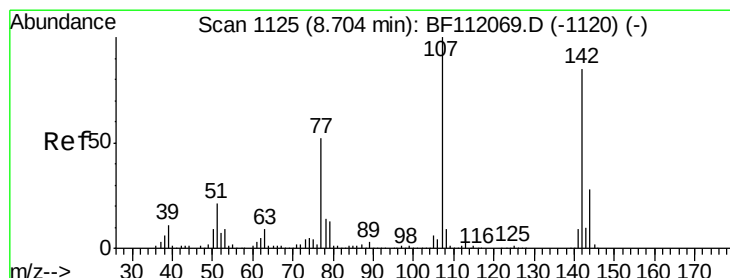
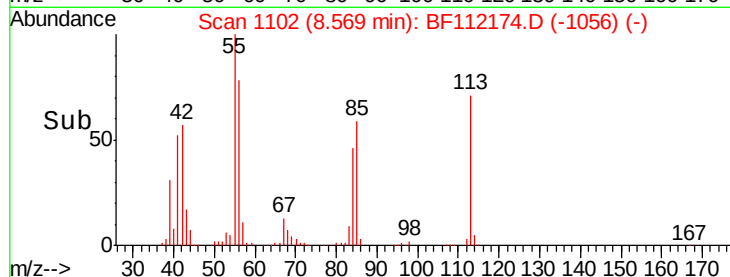
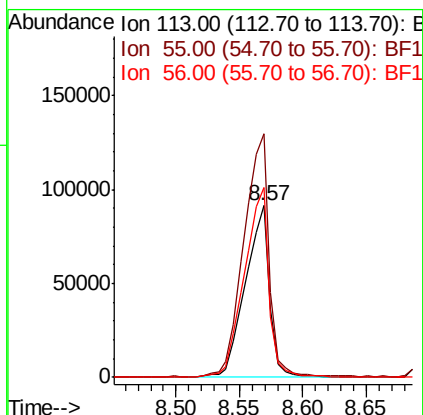
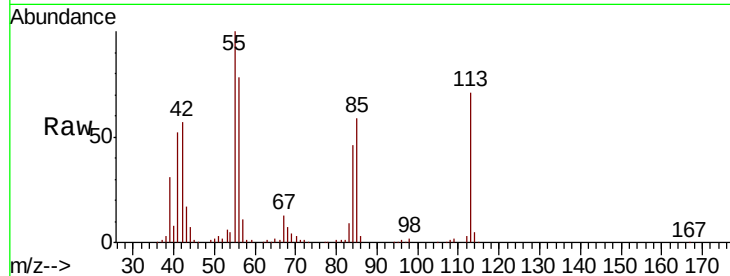




#35
 Caprolactam
 Concen: 35.094 ng
 RT: 8.57 min Scan# 1102
 Delta R.T. -0.03 min
 Lab File: BF112174.D
 Acq: 21 Jan 2019 23:24

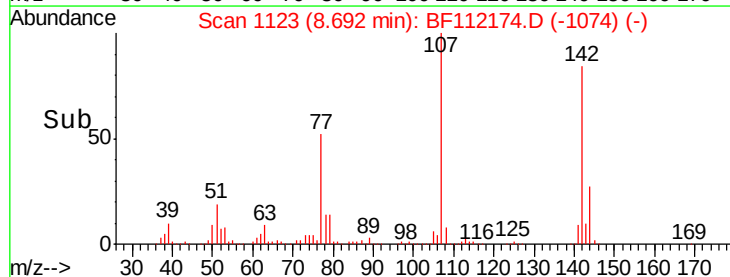
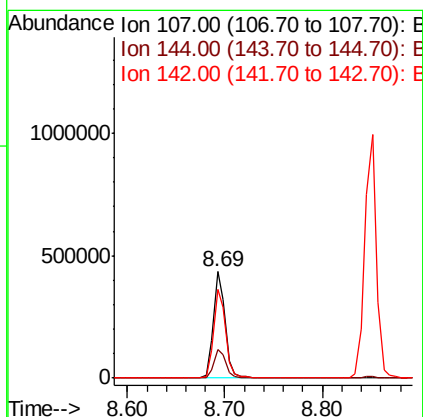
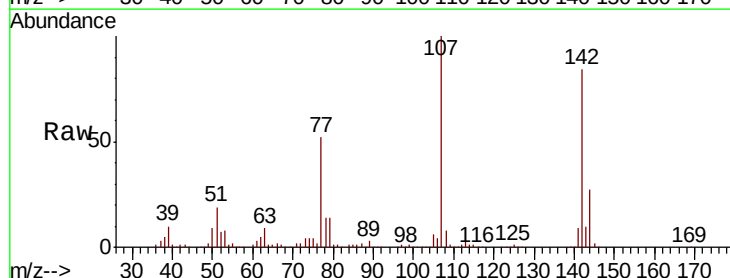
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

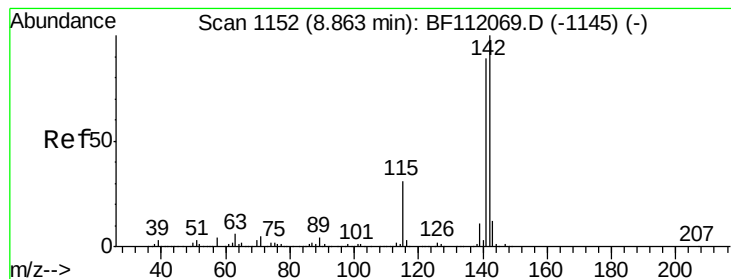
Tgt Ion:113 Resp: 122370
 Ion Ratio Lower Upper
 113 100
 55 141.8 121.6 161.6
 56 110.8 86.7 126.7



#36
 4-Chloro-3-methylphenol
 Concen: 37.853 ng
 RT: 8.69 min Scan# 1123
 Delta R.T. -0.01 min
 Lab File: BF112174.D
 Acq: 21 Jan 2019 23:24

Tgt Ion:107 Resp: 368331
 Ion Ratio Lower Upper
 107 100
 144 26.9 22.2 33.2
 142 83.7 67.7 101.5





#37

2-Methylnaphthalene

Concen: 37.891 ng

RT: 8.85 min Scan# 1150

Delta R.T. -0.01 min

Lab File: BF112174.D

Acq: 21 Jan 2019 23:24

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

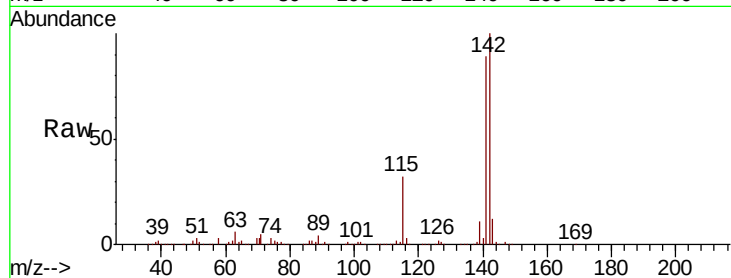
Tgt Ion:142 Resp: 822434

Ion Ratio Lower Upper

142 100

141 88.8 70.9 106.3

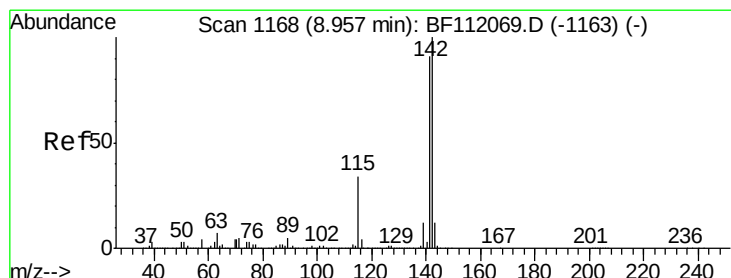
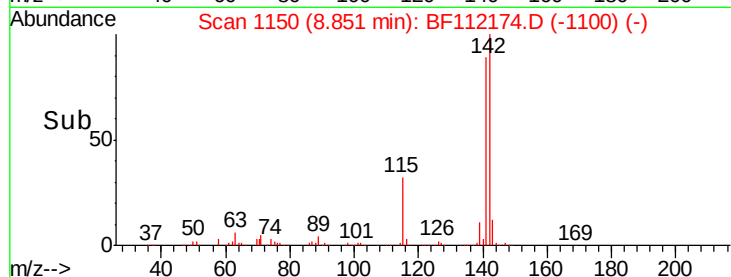
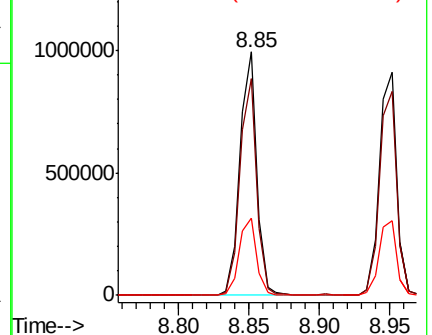
115 31.9 24.9 37.3



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 37.358 ng

RT: 8.95 min Scan# 1167

Delta R.T. -0.01 min

Lab File: BF112174.D

Acq: 21 Jan 2019 23:24

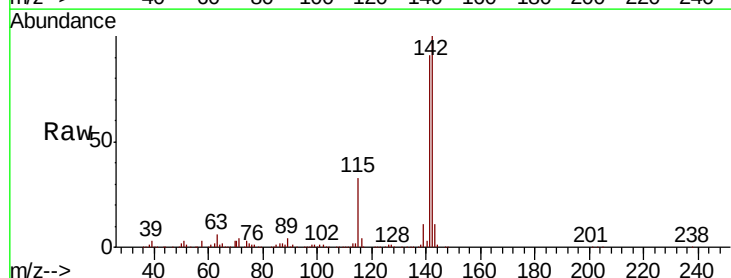
Tgt Ion:142 Resp: 779272

Ion Ratio Lower Upper

142 100

141 91.2 72.6 108.8

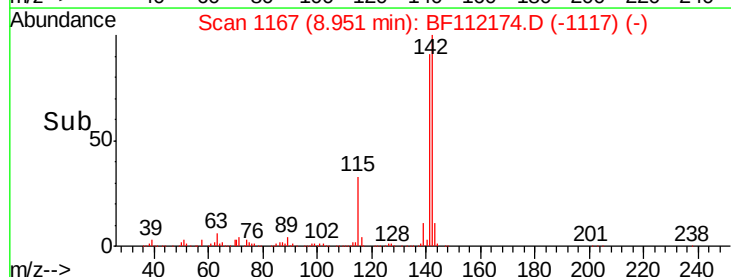
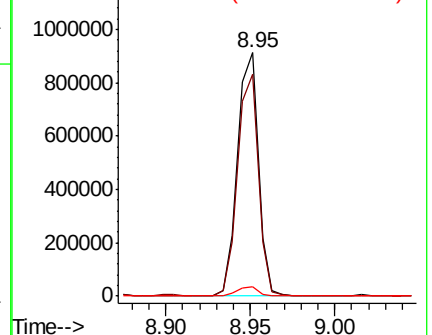
116 3.6 2.8 4.2

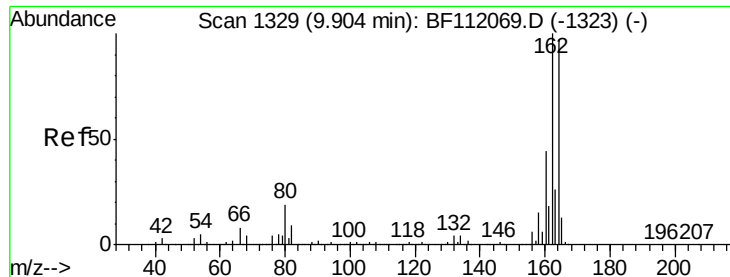


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E

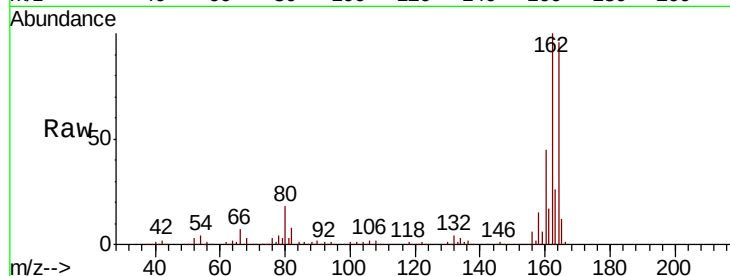




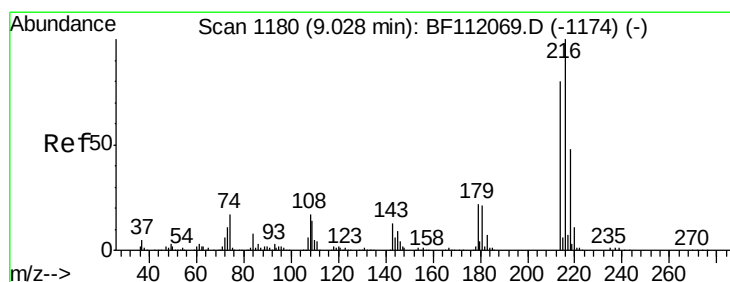
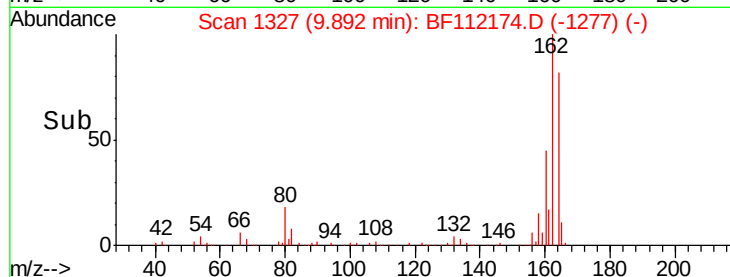
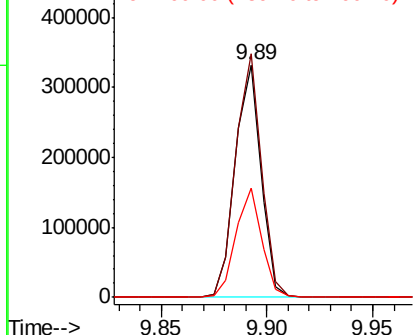
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.89 min Scan# 1327
Delta R.T. -0.01 min
Lab File: BF112174.D
Acq: 21 Jan 2019 23:24

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.7	82.2	123.4
160	46.8	36.2	54.4



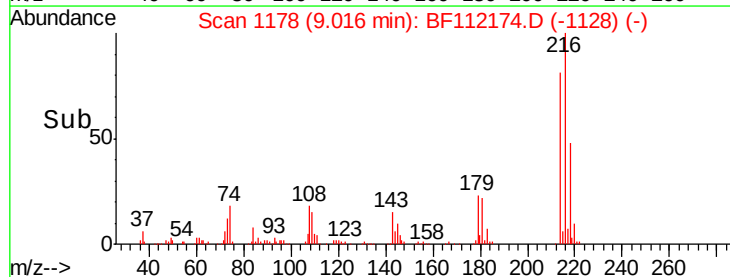
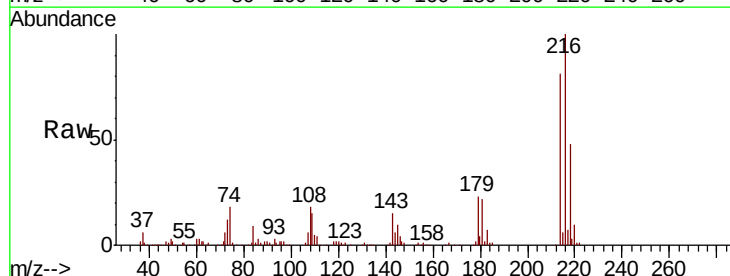
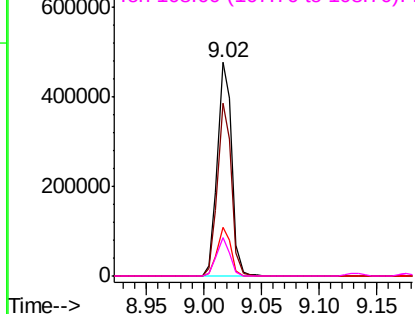
Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

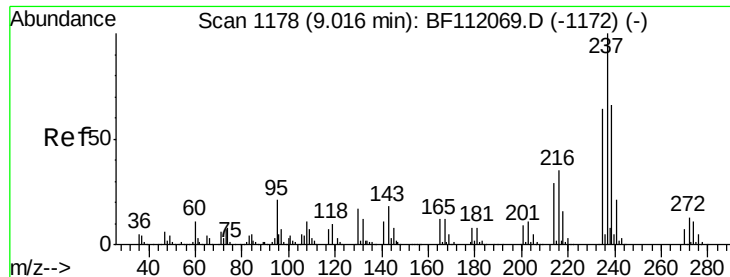


#40
1,2,4,5-Tetrachlorobenzene
Concen: 46.189 ng
RT: 9.02 min Scan# 1178
Delta R.T. -0.01 min
Lab File: BF112174.D
Acq: 21 Jan 2019 23:24

Tgt Ion	Ratio	Lower	Upper
216	100		
214	78.6	63.8	95.6
179	21.6	16.9	25.3
108	16.3	14.2	21.4

Abundance Ion 216.00 (215.70 to 216.70): E
Ion 214.00 (213.70 to 214.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 108.00 (107.70 to 108.70): E

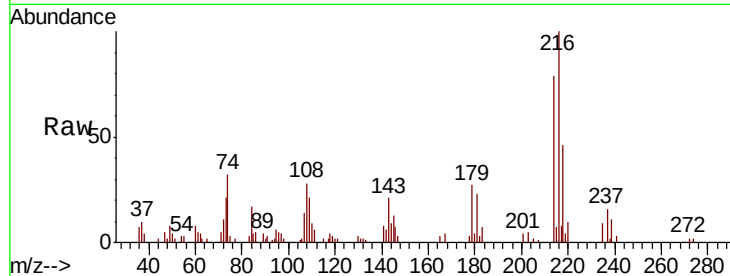




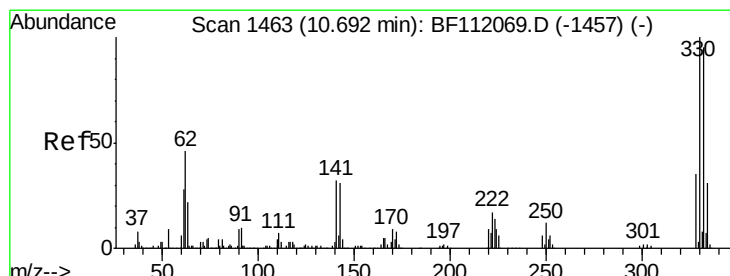
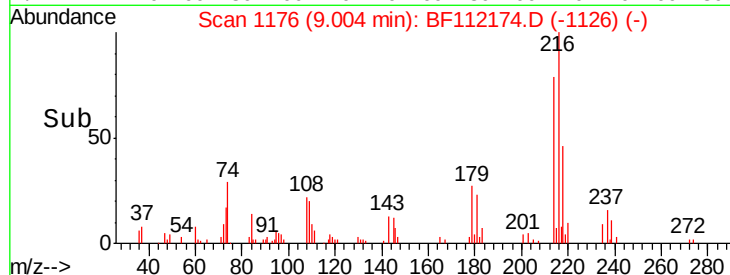
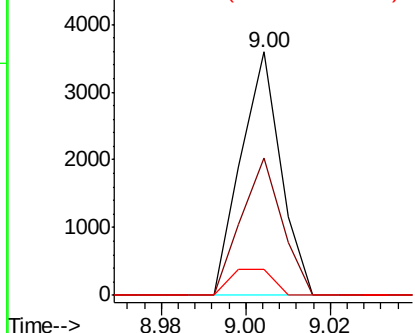
#41
Hexachlorocyclopentadiene
Concen: 8.449 ng
RT: 9.00 min Scan# 1176
Delta R.T. -0.01 min
Lab File: BF112174.D
Acq: 21 Jan 2019 23:24

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 237 Resp: 2344
Ion Ratio Lower Upper
237 100
235 56.5 44.0 84.0
272 10.6 0.0 33.3

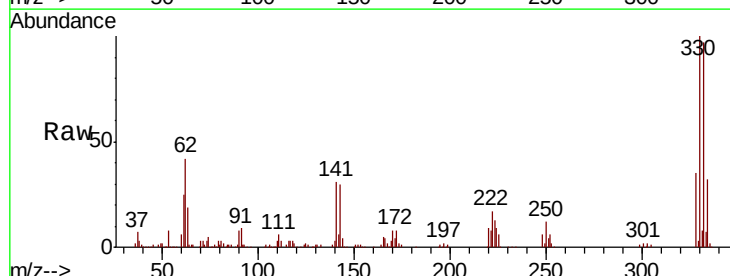


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

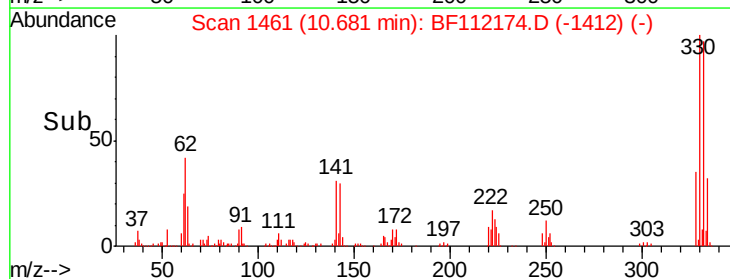
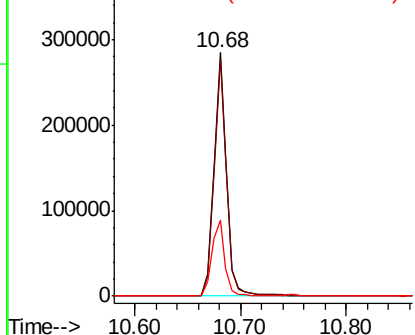


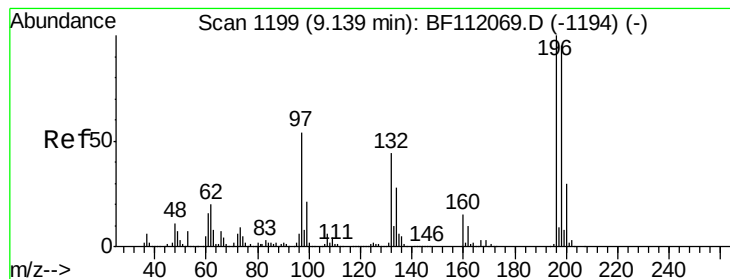
#42
2,4,6-Tribromophenol
Concen: 80.935 ng
RT: 10.68 min Scan# 1461
Delta R.T. -0.01 min
Lab File: BF112174.D
Acq: 21 Jan 2019 23:24

Tgt Ion: 330 Resp: 243786
Ion Ratio Lower Upper
330 100
332 97.4 76.6 114.8
141 31.9 24.3 36.5



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: 45.632 ng

RT: 9.13 min Scan# 1198

Delta R.T. -0.01 min

Lab File: BF112174.D

Acq: 21 Jan 2019 23:24

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

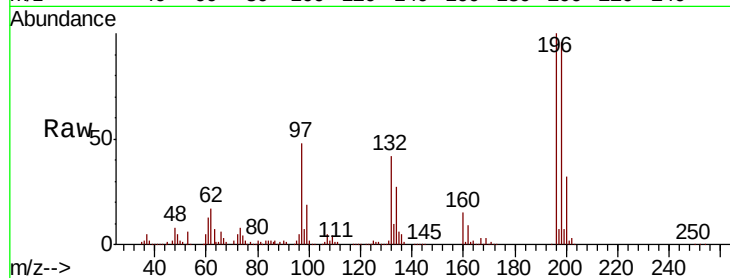
Tgt Ion:196 Resp: 244756

Ion Ratio Lower Upper

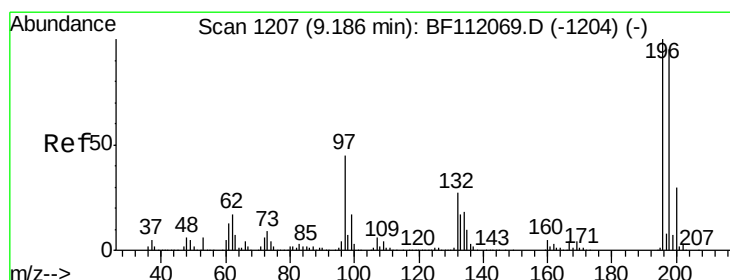
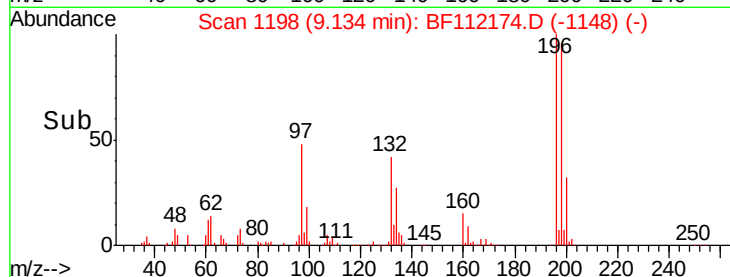
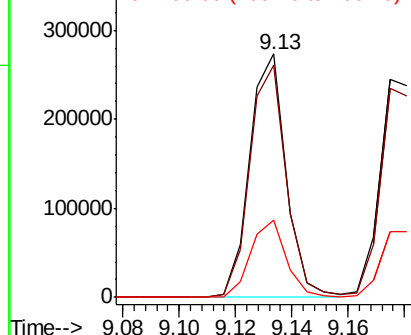
196 100

198 95.6 76.2 114.4

200 32.0 24.3 36.5



Abundance Ion 196.00 (195.70 to 196.70): E
Ion 198.00 (197.70 to 198.70): E
Ion 200.00 (199.70 to 200.70): E



#44

2,4,5-Trichlorophenol

Concen: 43.608 ng

RT: 9.17 min Scan# 1205

Delta R.T. -0.01 min

Lab File: BF112174.D

Acq: 21 Jan 2019 23:24

Tgt Ion:196 Resp: 249114

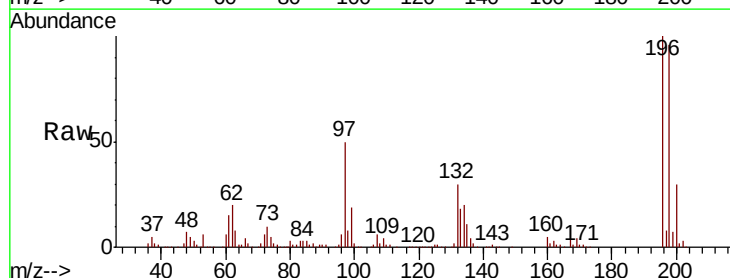
Ion Ratio Lower Upper

196 100

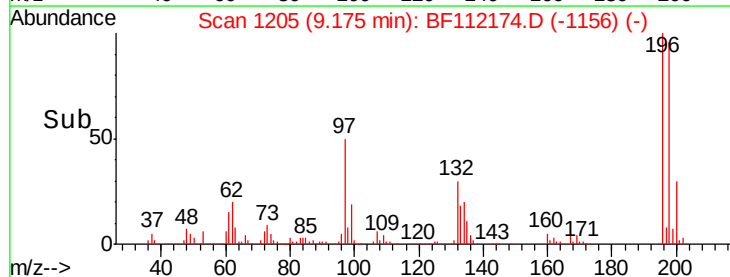
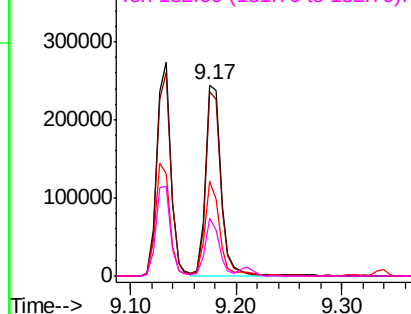
198 96.3 76.0 114.0

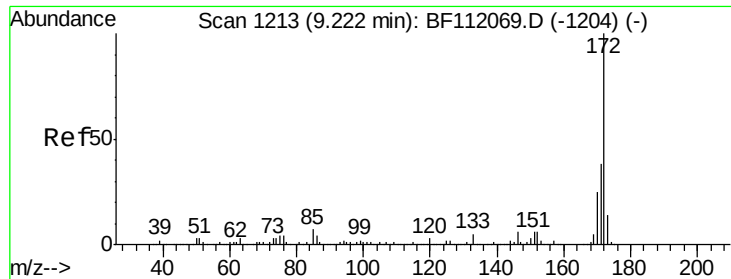
97 49.9 36.4 54.6

132 30.1 21.5 32.3



Abundance Ion 196.00 (195.70 to 196.70): E
Ion 198.00 (197.70 to 198.70): E
Ion 97.00 (96.70 to 97.70): BF1
Ion 132.00 (131.70 to 132.70): E

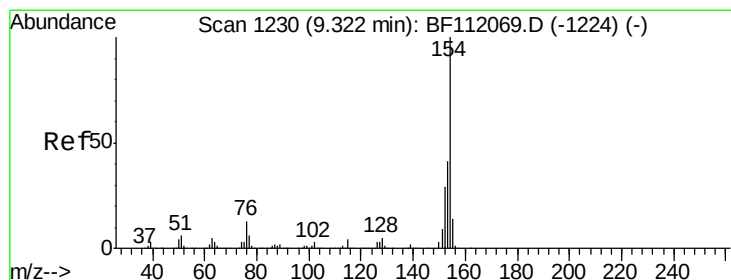
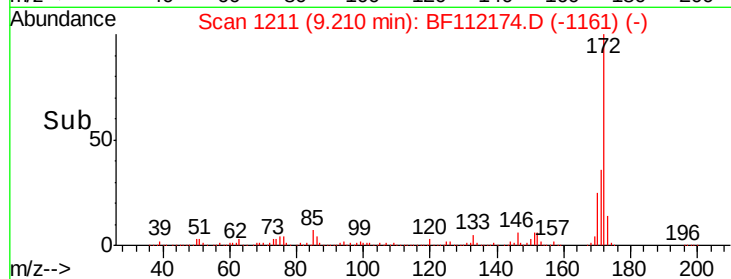
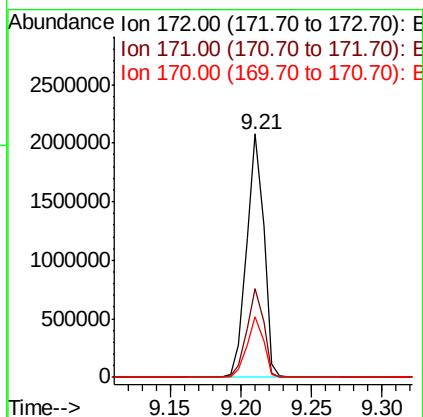
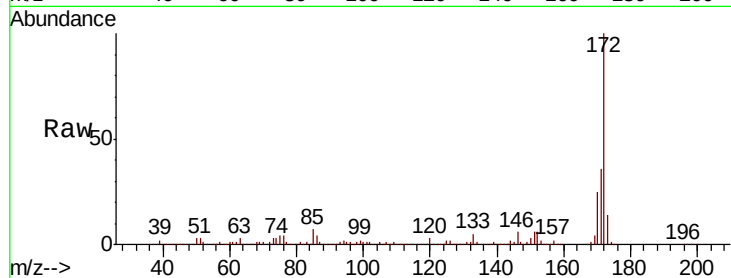




#45
 2-Fluorobiphenyl
 Concen: 92.996 ng
 RT: 9.21 min Scan# 1211
 Delta R.T. -0.01 min
 Lab File: BF112174.D
 Acq: 21 Jan 2019 23:24

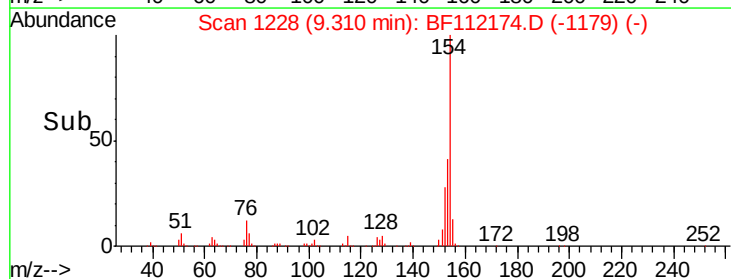
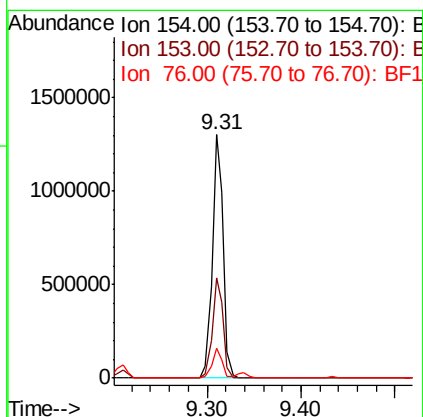
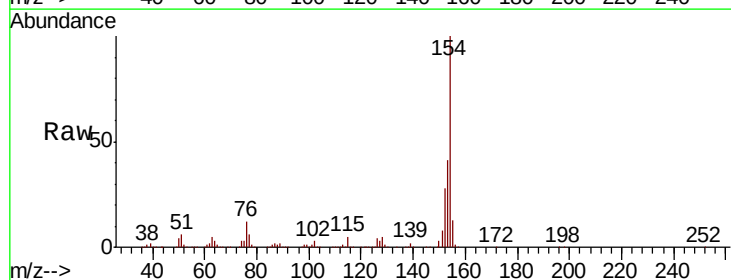
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

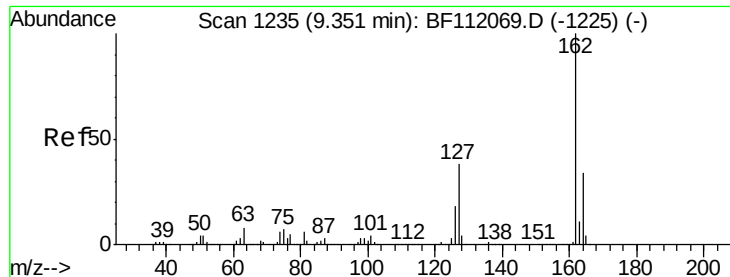
Tgt Ion:172 Resp: 1771087
 Ion Ratio Lower Upper
 172 100
 171 36.4 30.5 45.7
 170 24.9 20.2 30.4



#46
 1,1'-Biphenyl
 Concen: 45.833 ng
 RT: 9.31 min Scan# 1228
 Delta R.T. -0.01 min
 Lab File: BF112174.D
 Acq: 21 Jan 2019 23:24

Tgt Ion:154 Resp: 1070064
 Ion Ratio Lower Upper
 154 100
 153 41.1 21.5 61.5
 76 12.1 0.0 33.1

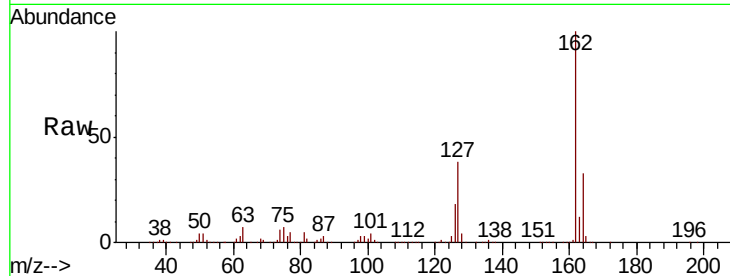




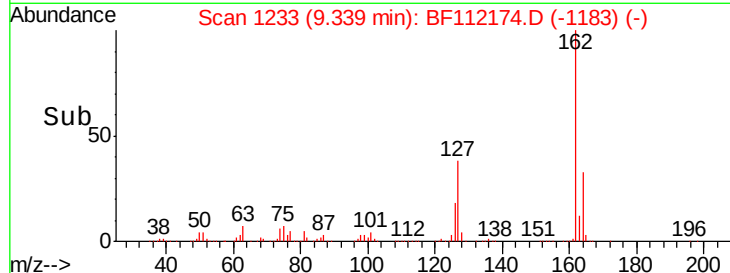
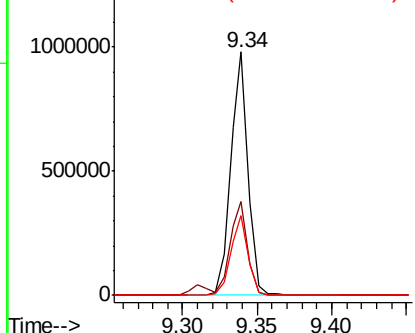
#47
 2-Chloronaphthalene
 Concen: 43.937 ng
 RT: 9.34 min Scan# 1233
 Delta R.T. -0.01 min
 Lab File: BF112174.D
 Acq: 21 Jan 2019 23:24

Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

Tgt Ion: 162 Resp: 802961
 Ion Ratio Lower Upper
 162 100
 127 38.4 30.4 45.6
 164 32.5 27.4 41.2

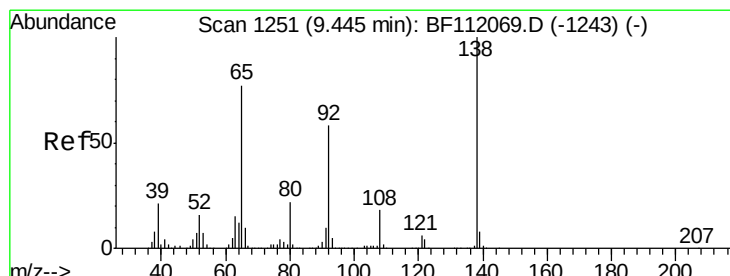


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

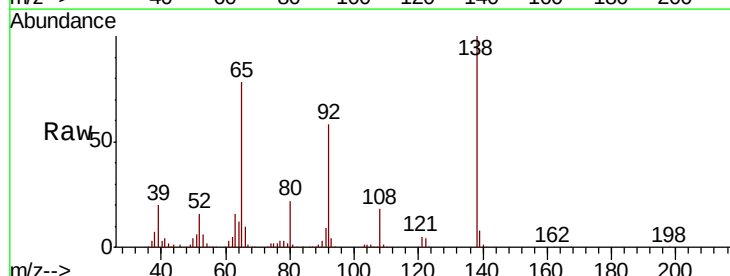
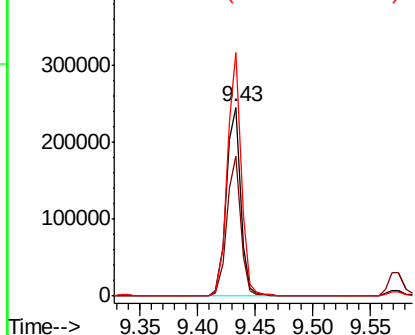


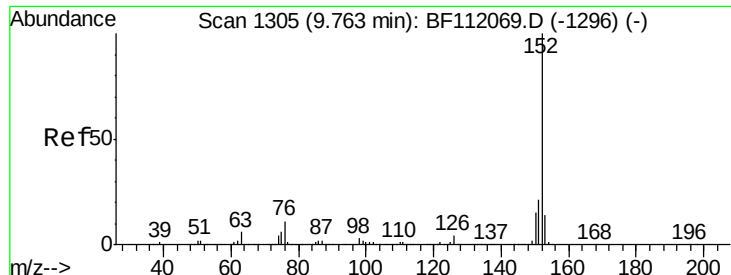
#48
 2-Nitroaniline
 Concen: 52.308 ng
 RT: 9.43 min Scan# 1249
 Delta R.T. -0.01 min
 Lab File: BF112174.D
 Acq: 21 Jan 2019 23:24

Tgt Ion: 65 Resp: 215322
 Ion Ratio Lower Upper
 65 100
 92 74.5 60.4 90.6
 138 129.0 104.4 156.6



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: 41.595 ng

RT: 9.75 min Scan# 1303

Delta R.T. -0.01 min

Lab File: BF112174.D

Acq: 21 Jan 2019 23:24

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

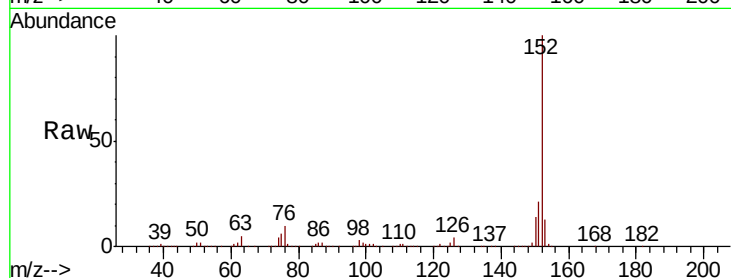
Tgt Ion:152 Resp: 1109297

Ion Ratio Lower Upper

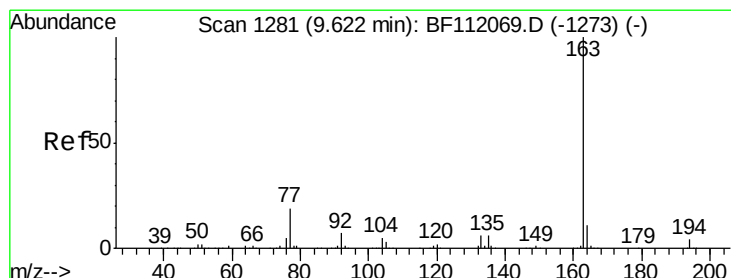
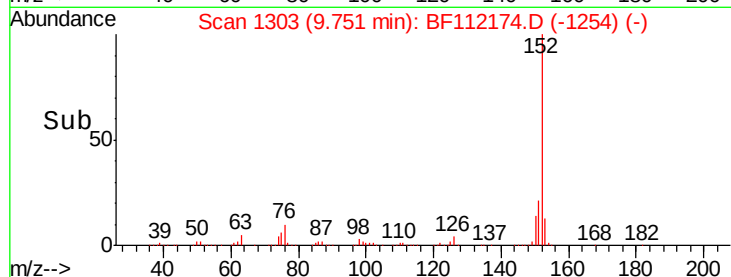
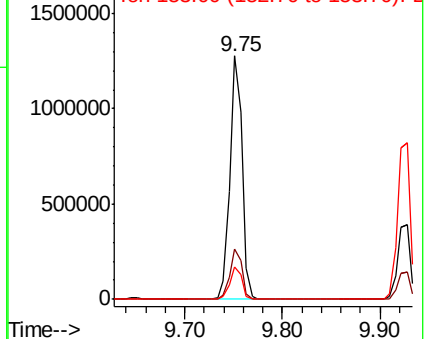
152 100

151 20.8 17.0 25.6

153 13.5 11.2 16.8



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 45.934 ng

RT: 9.60 min Scan# 1278

Delta R.T. -0.02 min

Lab File: BF112174.D

Acq: 21 Jan 2019 23:24

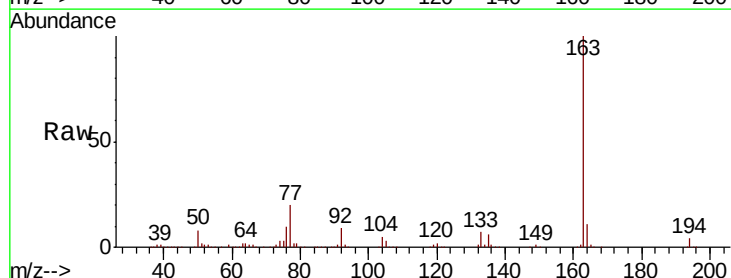
Tgt Ion:163 Resp: 935339

Ion Ratio Lower Upper

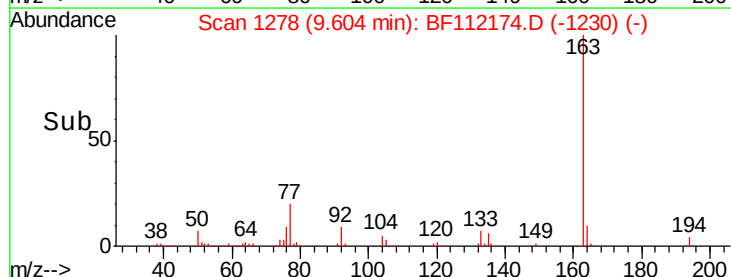
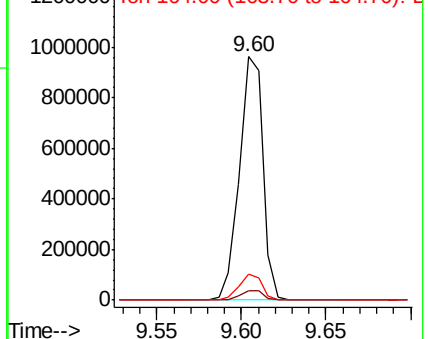
163 100

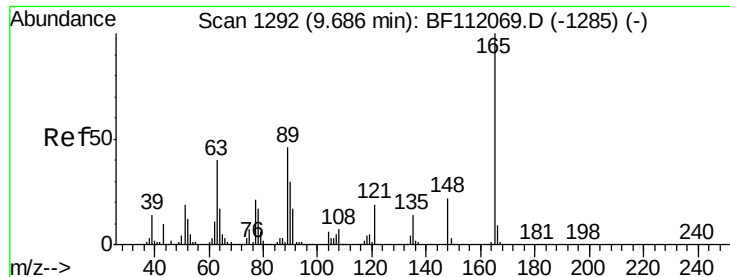
194 4.1 3.3 4.9

164 10.7 8.5 12.7



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

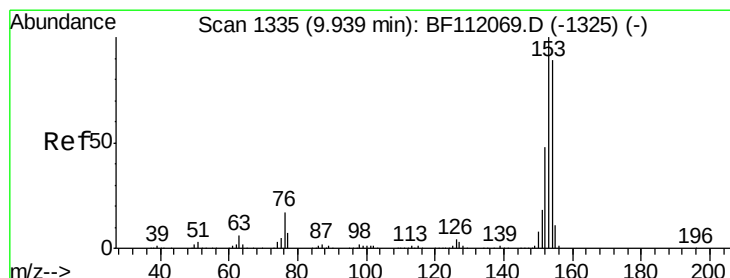
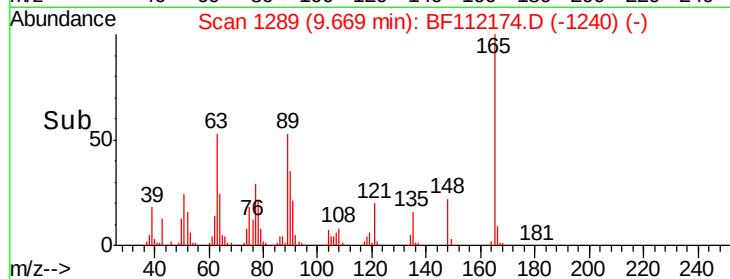
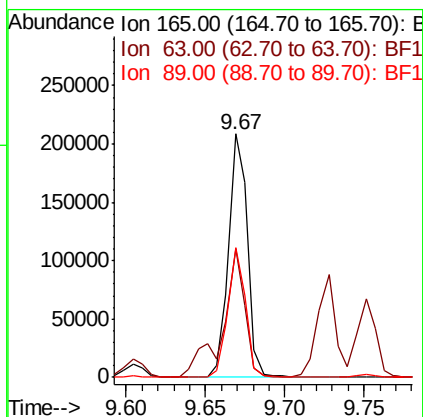
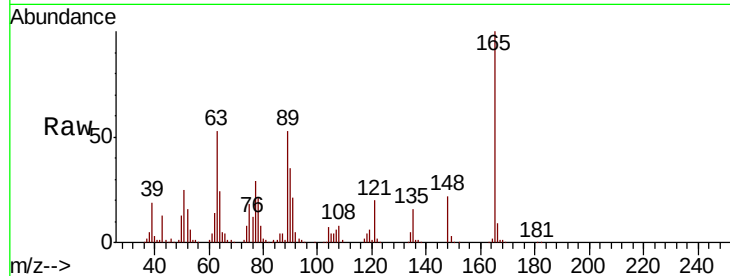




#51
 2,6-Dinitrotoluene
 Concen: 42.233 ng
 RT: 9.67 min Scan# 1289
 Delta R.T. -0.01 min
 Lab File: BF112174.D
 Acq: 21 Jan 2019 23:24

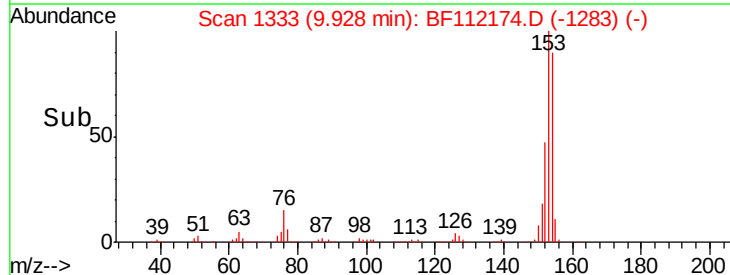
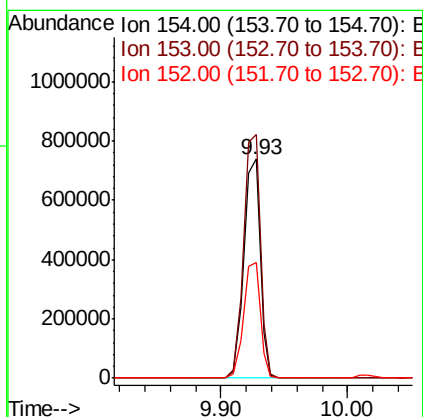
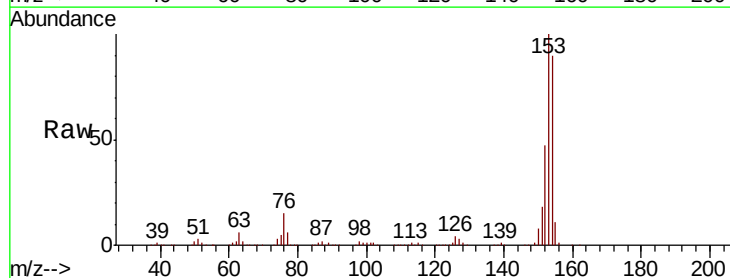
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

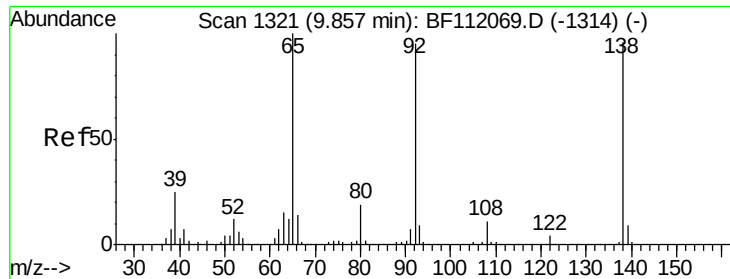
Tgt Ion:165 Resp: 171742
 Ion Ratio Lower Upper
 165 100
 63 52.9 33.8 50.8#
 89 53.5 36.9 55.3



#52
 Acenaphthene
 Concen: 40.503 ng
 RT: 9.93 min Scan# 1333
 Delta R.T. -0.01 min
 Lab File: BF112174.D
 Acq: 21 Jan 2019 23:24

Tgt Ion:154 Resp: 660901
 Ion Ratio Lower Upper
 154 100
 153 111.2 89.8 134.6
 152 52.7 43.5 65.3

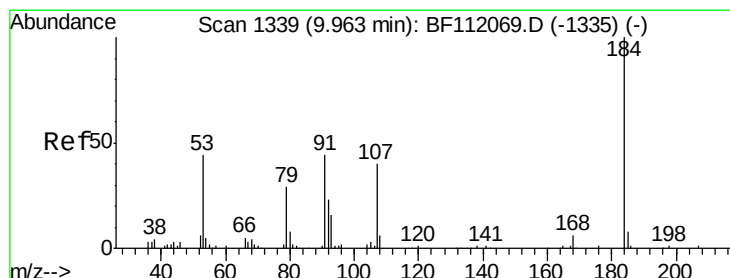
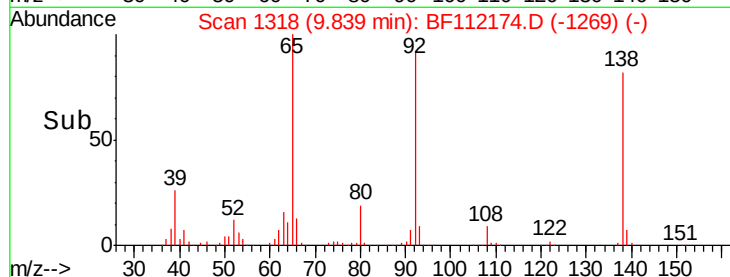
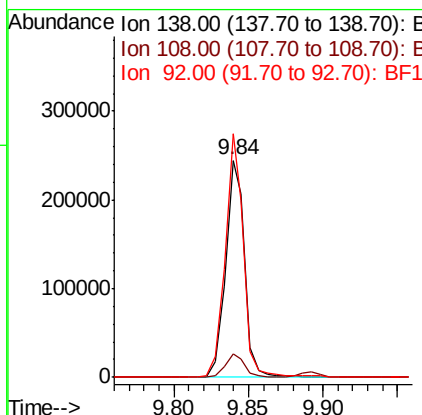
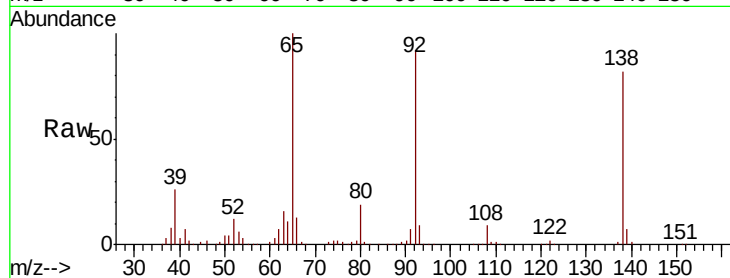




#53
 3-Nitroaniline
 Concen: 48.544 ng
 RT: 9.84 min Scan# 1318
 Delta R.T. -0.01 min
 Lab File: BF112174.D
 Acq: 21 Jan 2019 23:24

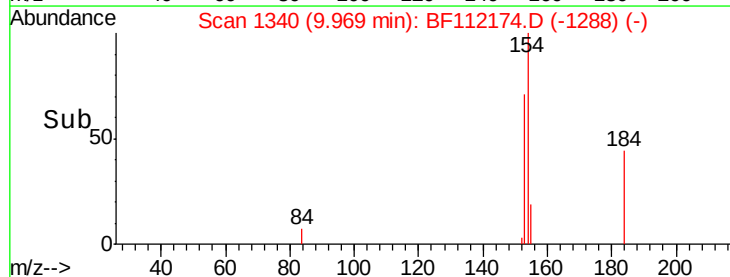
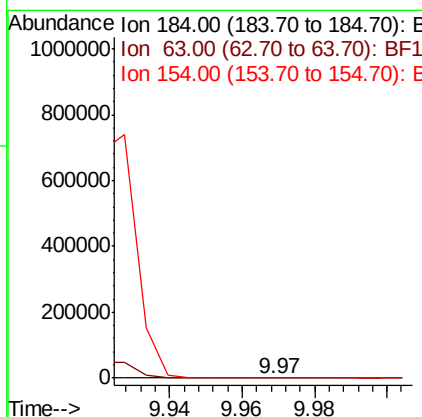
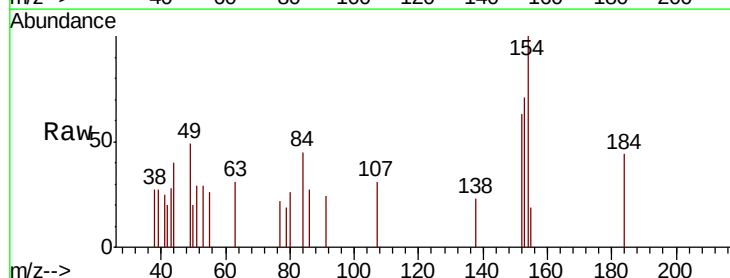
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

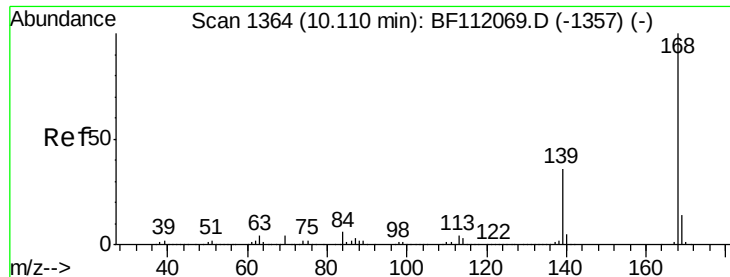
Tgt Ion:138 Resp: 220752
 Ion Ratio Lower Upper
 138 100
 108 10.6 9.8 14.6
 92 112.2 79.4 119.2



#54
 2,4-Dinitrophenol
 Concen: 8.777 ng
 RT: 9.97 min Scan# 1340
 Delta R.T. 0.01 min
 Lab File: BF112174.D
 Acq: 21 Jan 2019 23:24

Tgt Ion:184 Resp: 819
 Ion Ratio Lower Upper
 184 100
 63 70.1 47.1 70.7
 154 226.3 48.9 73.3#

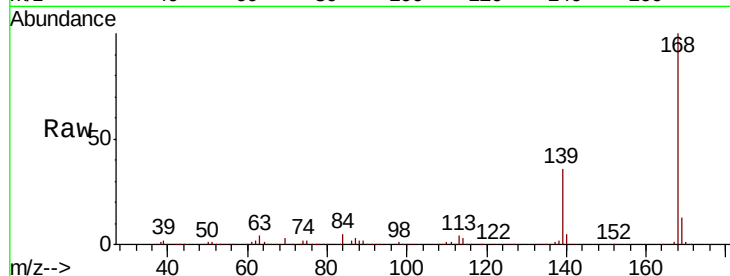




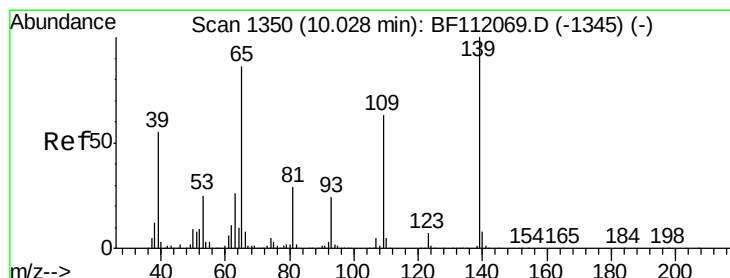
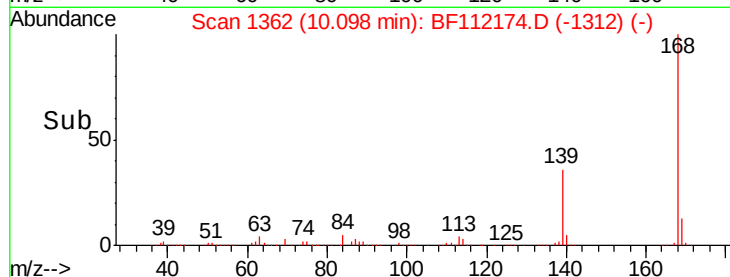
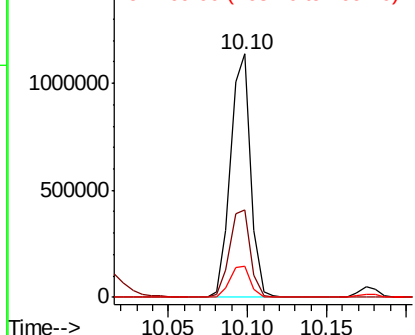
#55
Dibenzenofuran
Concen: 40.732 ng
RT: 10.10 min Scan# 1362
Delta R.T. -0.01 min
Lab File: BF112174.D
Acq: 21 Jan 2019 23:24

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:168 Resp: 1005113
Ion Ratio Lower Upper
168 100
139 36.0 29.2 43.8
169 13.0 11.4 17.0

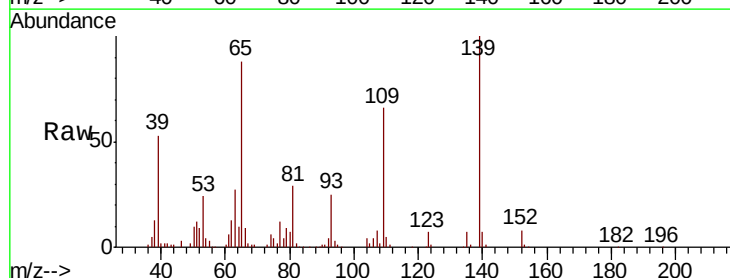


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

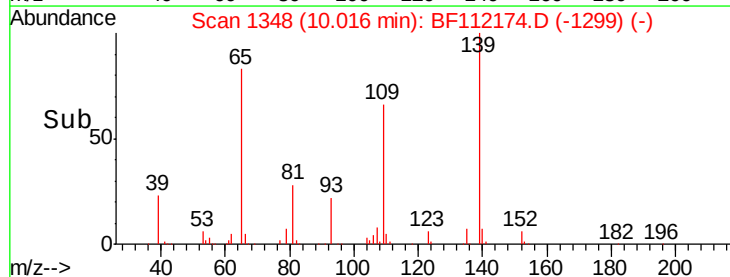
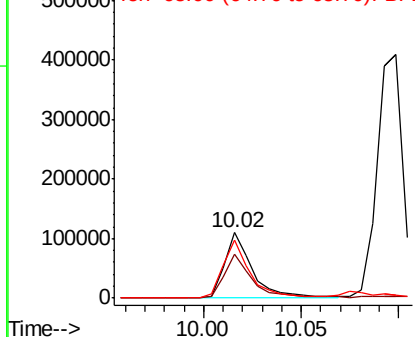


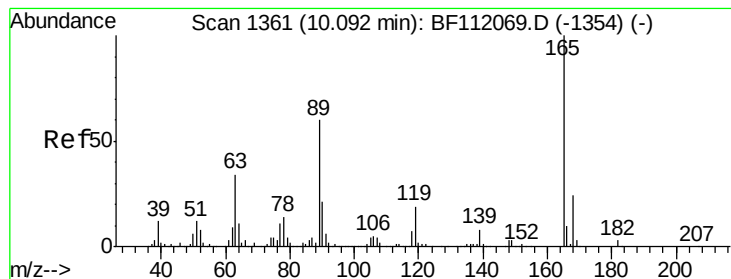
#56
4-Nitrophenol
Concen: 36.738 ng
RT: 10.02 min Scan# 1348
Delta R.T. -0.01 min
Lab File: BF112174.D
Acq: 21 Jan 2019 23:24

Tgt Ion:139 Resp: 108709
Ion Ratio Lower Upper
139 100
109 66.2 42.8 82.8
65 88.3 66.1 106.1



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





#57

2,4-Dinitrotoluene

Concen: 37.350 ng

RT: 10.07 min Scan# 1358

Delta R.T. -0.01 min

Lab File: BF112174.D

Acq: 21 Jan 2019 23:24

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:165 Resp: 189102

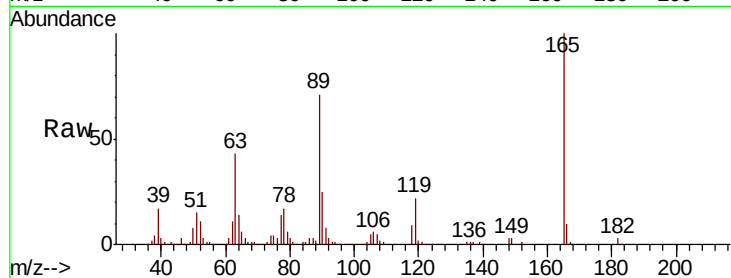
Ion Ratio Lower Upper

165 100

63 42.6 27.9 41.9#

89 71.0 47.9 71.9

182 2.9 2.2 3.4

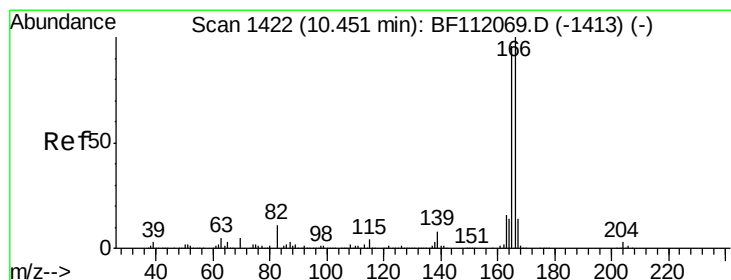
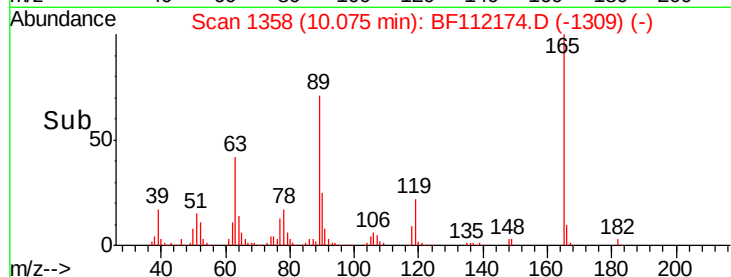
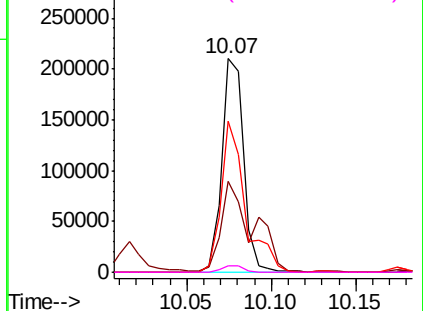


Abundance Ion 165.00 (164.70 to 165.70): E

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: 39.275 ng

RT: 10.44 min Scan# 1420

Delta R.T. -0.01 min

Lab File: BF112174.D

Acq: 21 Jan 2019 23:24

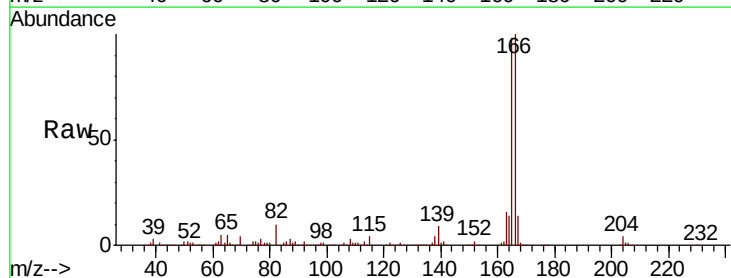
Tgt Ion:166 Resp: 724113

Ion Ratio Lower Upper

166 100

165 97.7 77.1 115.7

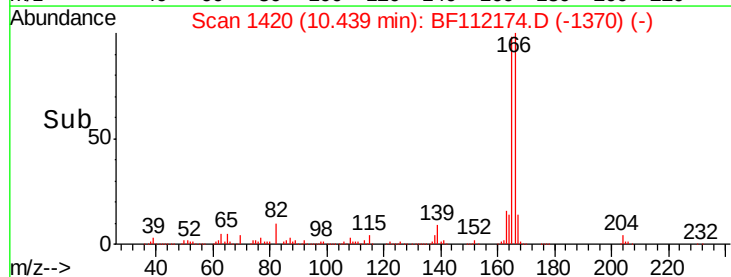
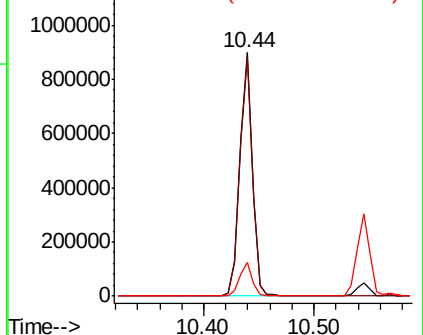
167 13.7 11.3 16.9

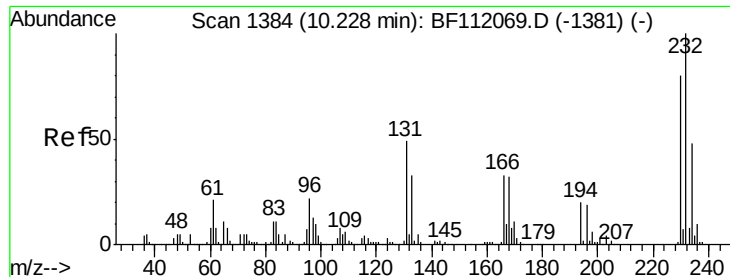


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

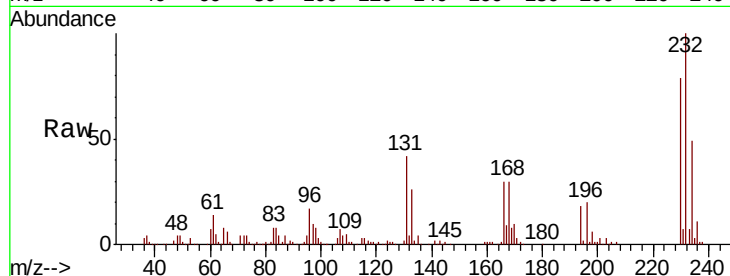




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 38.978 ng
 RT: 10.22 min Scan# 1383
 Delta R.T. -0.01 min
 Lab File: BF112174.D
 Acq: 21 Jan 2019 23:24

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
232	100		
131	45.7	33.9	50.9
130	2.4	1.8	2.6
166	30.9	23.6	35.4



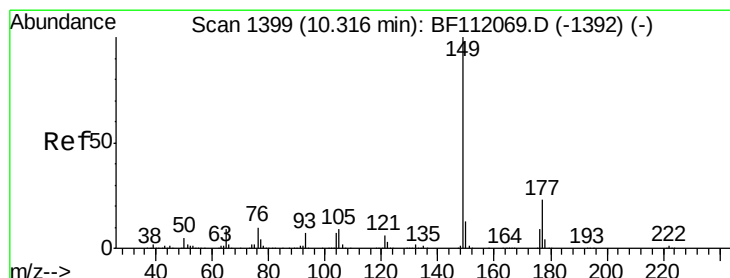
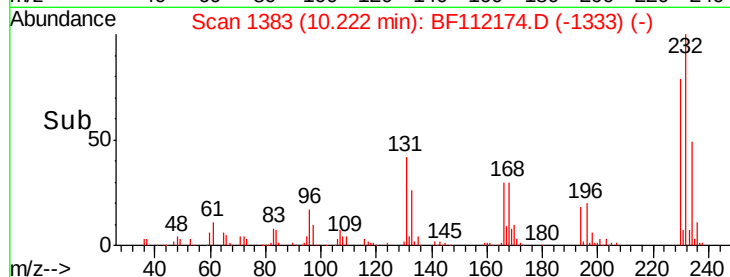
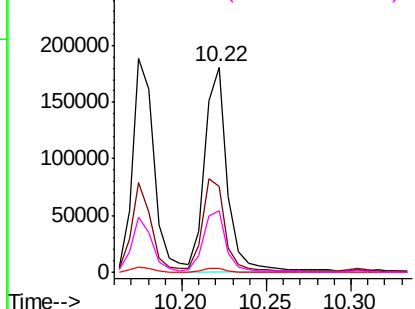
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

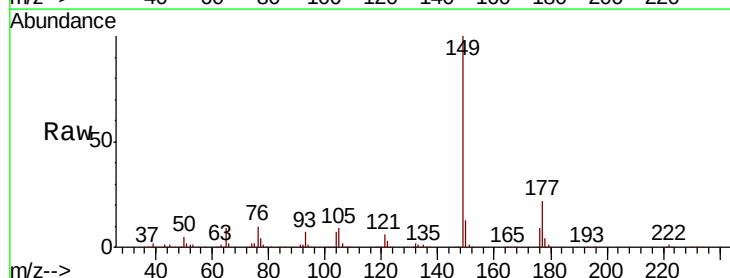
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
 Diethylphthalate
 Concen: 44.389 ng
 RT: 10.30 min Scan# 1397
 Delta R.T. -0.01 min
 Lab File: BF112174.D
 Acq: 21 Jan 2019 23:24

Tgt Ion	Ratio	Lower	Upper
149	100		
177	22.4	18.2	27.2
150	12.5	10.4	15.6

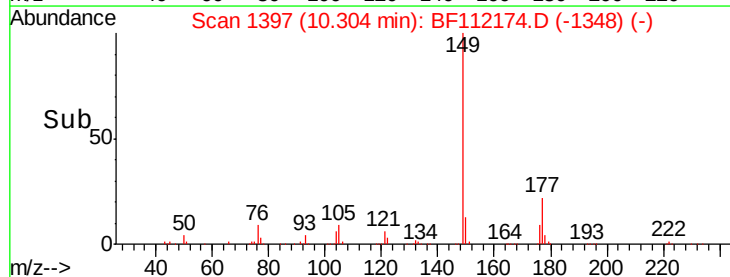
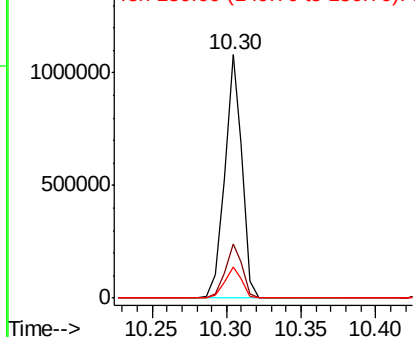


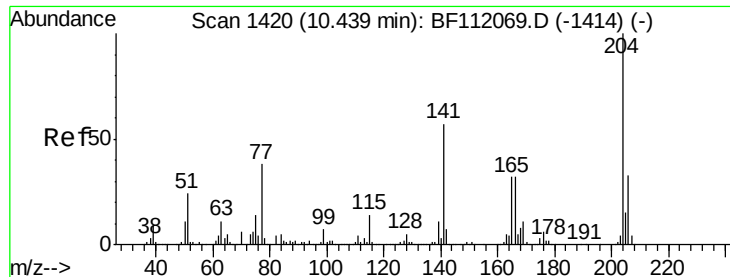
Abundance

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

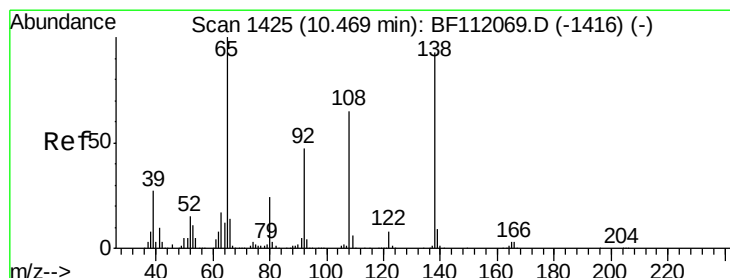
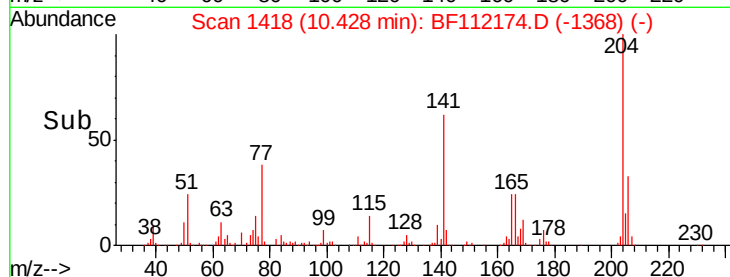
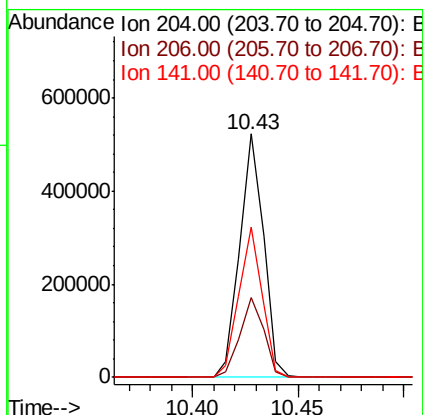
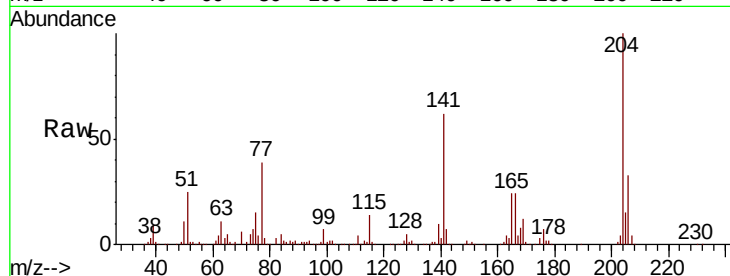




#61
4-Chlorophenyl-phenylether
Concen: 40.948 ng
RT: 10.43 min Scan# 1418
Delta R.T. -0.01 min
Lab File: BF112174.D
Acq: 21 Jan 2019 23:24

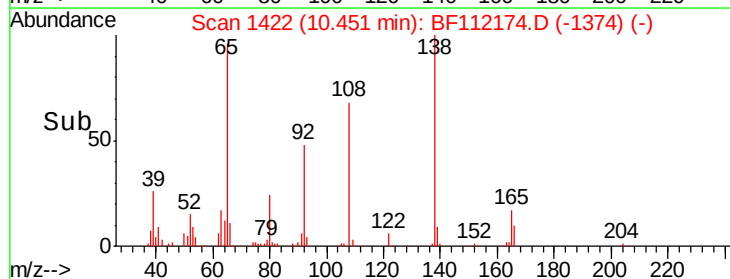
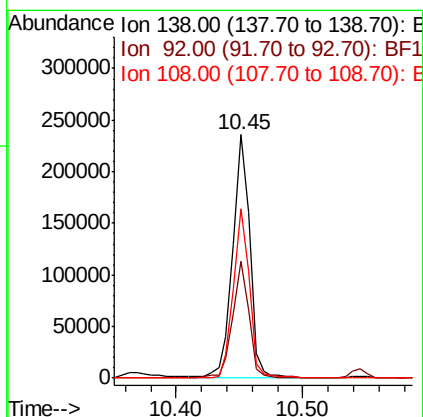
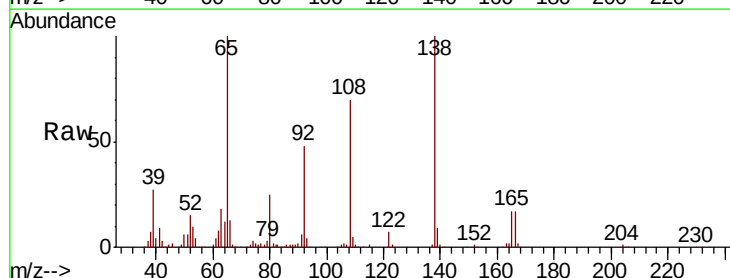
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

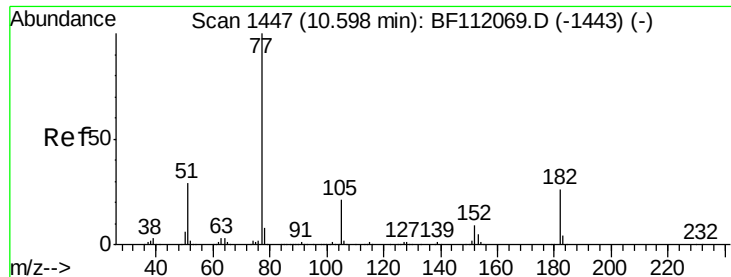
Tgt Ion: 204 Resp: 407383
Ion Ratio Lower Upper
204 100
206 32.8 26.5 39.7
141 61.8 45.9 68.9



#62
4-Nitroaniline
Concen: 48.677 ng
RT: 10.45 min Scan# 1422
Delta R.T. -0.02 min
Lab File: BF112174.D
Acq: 21 Jan 2019 23:24

Tgt Ion: 138 Resp: 219799
Ion Ratio Lower Upper
138 100
92 48.0 30.6 70.6
108 69.5 50.0 90.0

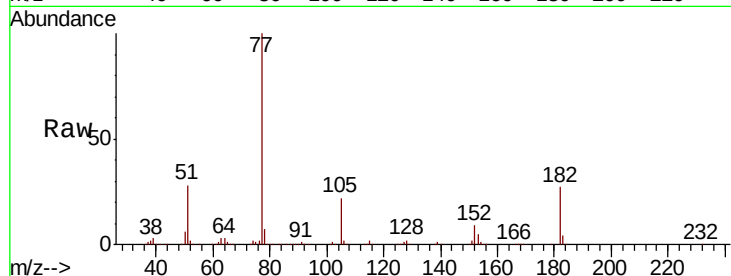




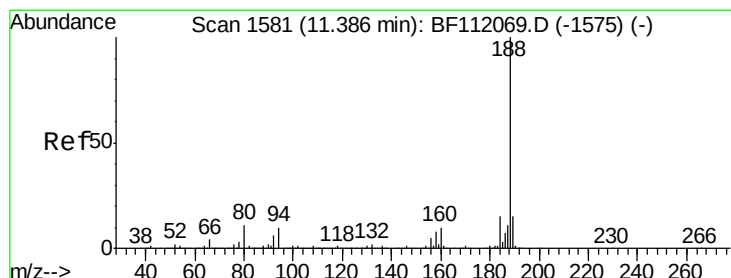
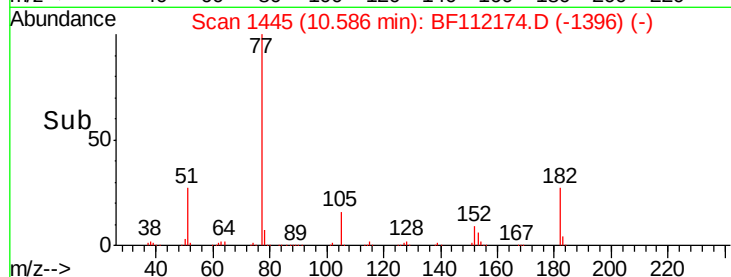
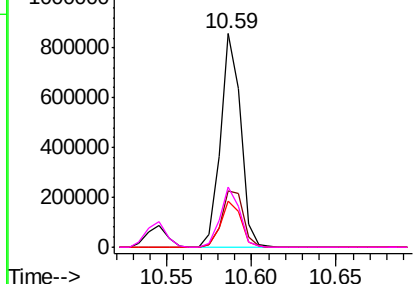
#63
Azobenzene
Concen: 37.513 ng
RT: 10.59 min Scan# 1445
Delta R.T. -0.01 min
Lab File: BF112174.D
Acq: 21 Jan 2019 23:24

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:	77	Resp:	714054
Ion	Ratio	Lower	Upper
77	100		
182	26.7	5.7	45.7
105	21.7	1.4	41.4
51	28.2	9.5	49.5

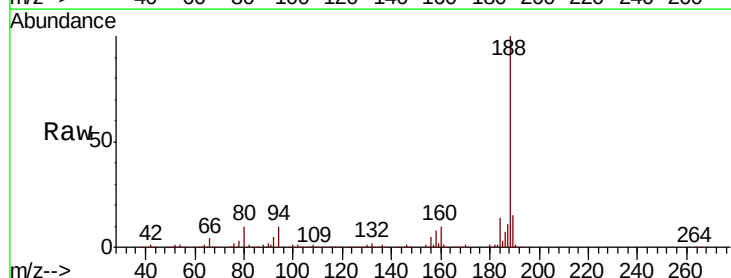


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

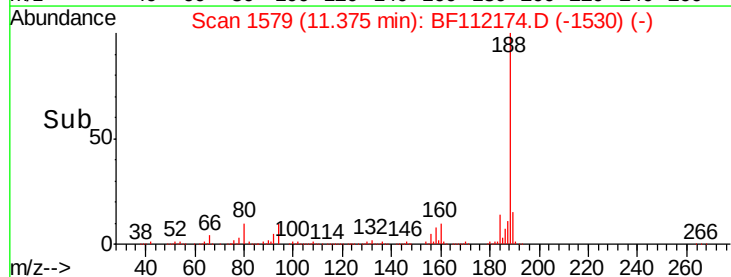
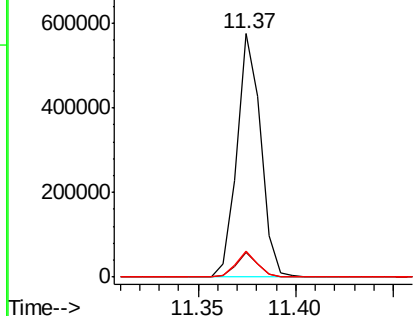


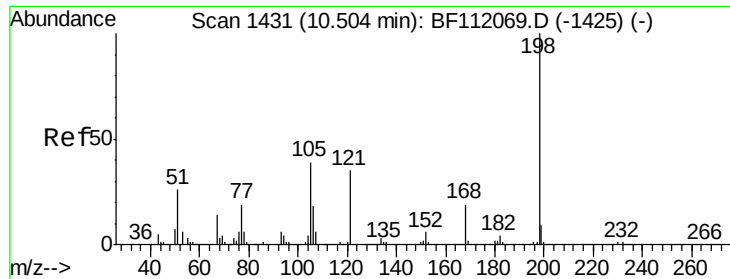
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.37 min Scan# 1579
Delta R.T. -0.01 min
Lab File: BF112174.D
Acq: 21 Jan 2019 23:24

Tgt Ion:	188	Resp:	488048
Ion	Ratio	Lower	Upper
188	100		
94	10.0	8.2	12.2
80	10.5	8.9	13.3



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

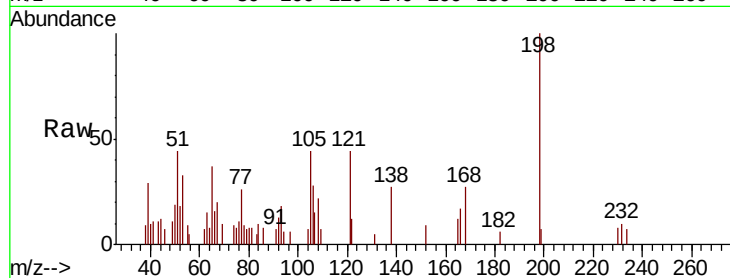




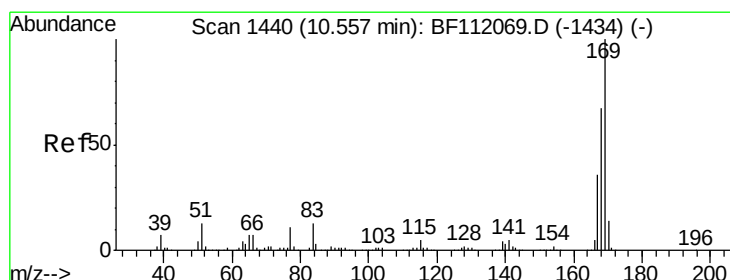
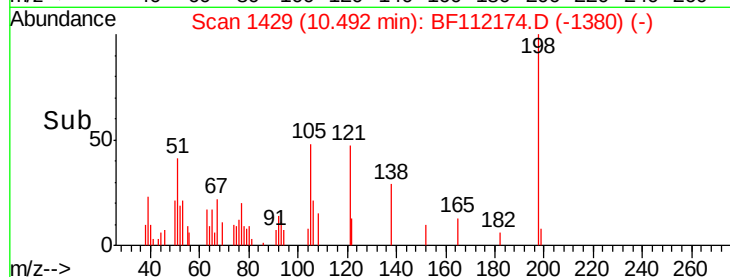
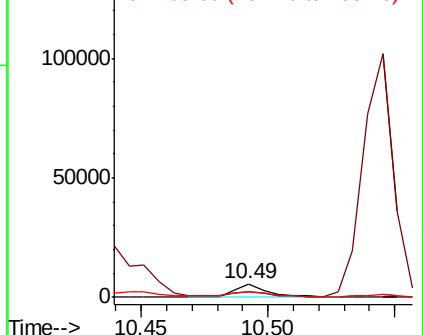
#65
 4,6-Dinitro-2-methylphenol
 Concen: 12.013 ng
 RT: 10.49 min Scan# 1429
 Delta R.T. -0.01 min
 Lab File: BF112174.D
 Acq: 21 Jan 2019 23:24

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
198	100		
51	43.9	17.2	57.2
105	43.9	21.9	61.9

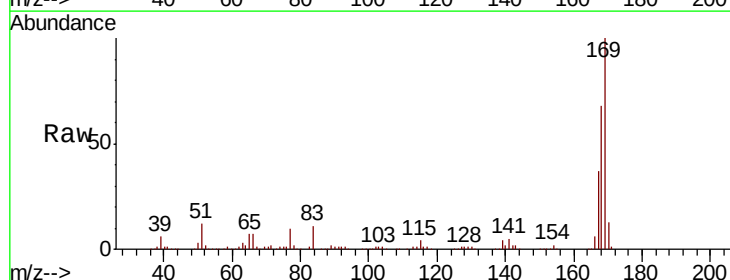


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF1
 Ion 105.00 (104.70 to 105.70): E

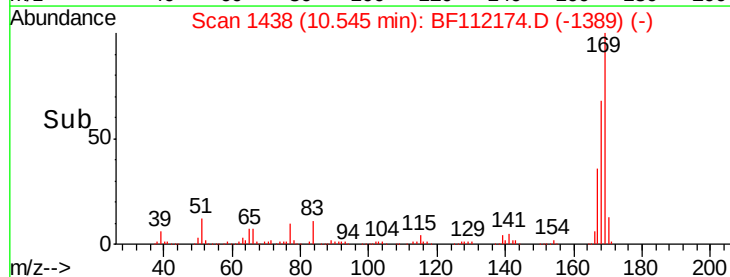
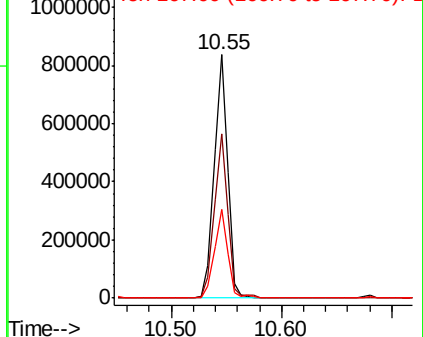


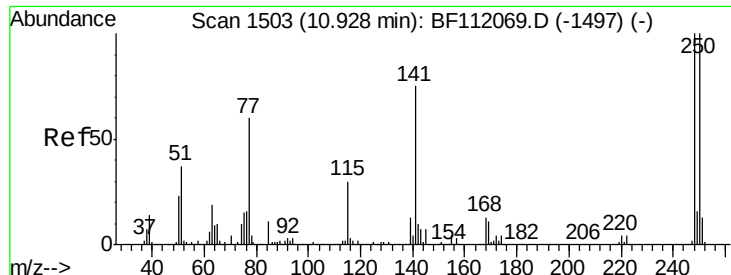
#66
 n-Nitrosodiphenylamine
 Concen: 43.202 ng
 RT: 10.55 min Scan# 1438
 Delta R.T. -0.01 min
 Lab File: BF112174.D
 Acq: 21 Jan 2019 23:24

Tgt Ion	Ratio	Lower	Upper
169	100		
168	67.5	53.9	80.9
167	36.5	28.9	43.3



Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

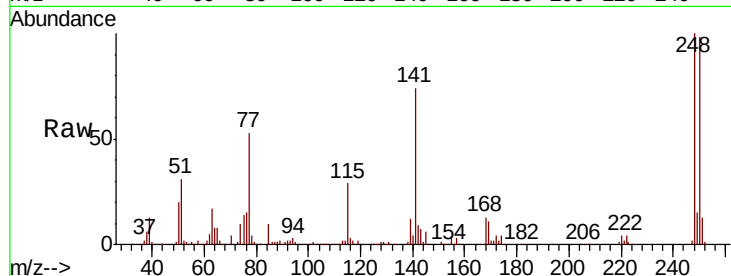




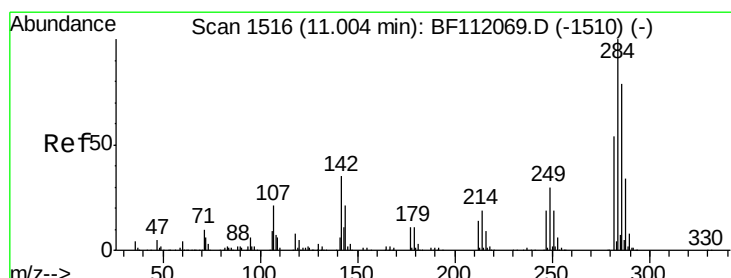
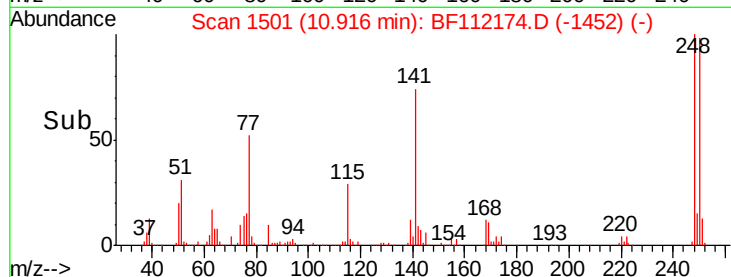
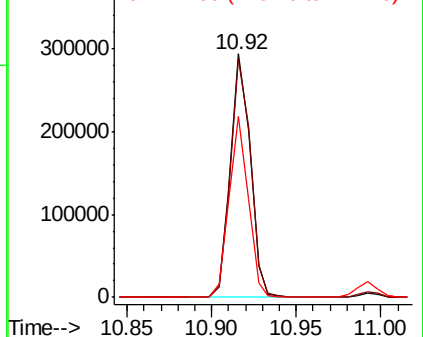
#67
4-Bromophenyl-phenylether
Concen: 42.309 ng
RT: 10.92 min Scan# 1501
Delta R.T. -0.01 min
Lab File: BF112174.D
Acq: 21 Jan 2019 23:24

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:248 Resp: 239843
Ion Ratio Lower Upper
248 100
250 98.1 79.7 119.5
141 74.1 60.3 90.5

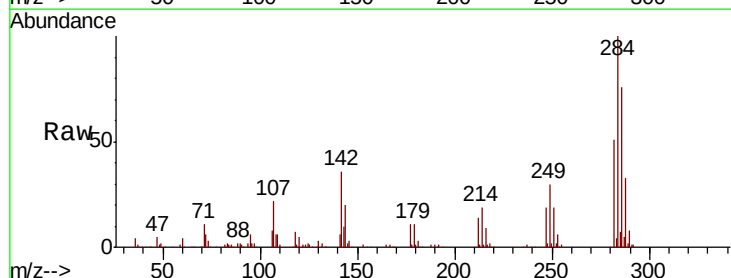


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

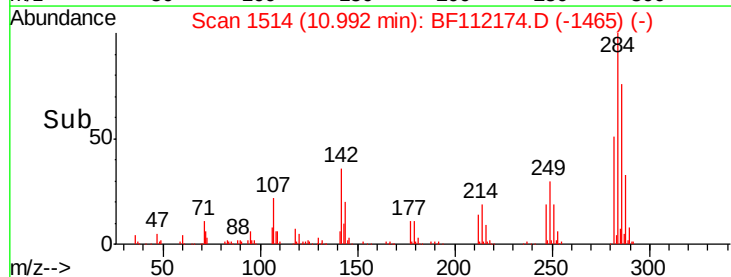
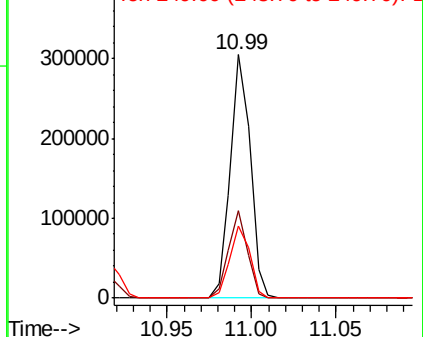


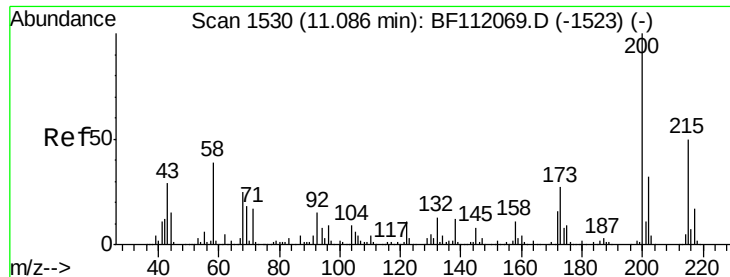
#68
Hexachlorobenzene
Concen: 41.074 ng
RT: 10.99 min Scan# 1514
Delta R.T. -0.01 min
Lab File: BF112174.D
Acq: 21 Jan 2019 23:24

Tgt Ion:284 Resp: 250825
Ion Ratio Lower Upper
284 100
142 36.0 27.6 41.4
249 29.7 24.1 36.1



Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E





#69

Atrazine

Concen: 37.997 ng

RT: 11.07 min Scan# 1527

Delta R.T. -0.01 min

Lab File: BF112174.D

Acq: 21 Jan 2019 23:24

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

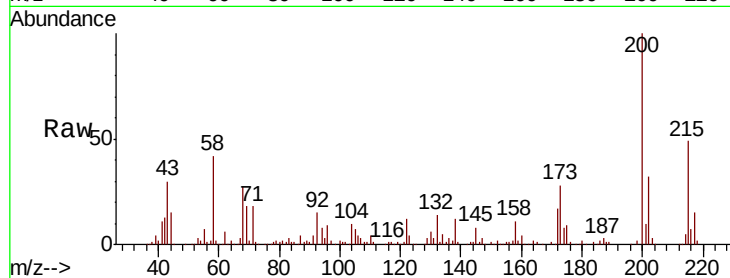
Tgt Ion:200 Resp: 197829

Ion Ratio Lower Upper

200 100

173 27.6 7.1 47.1

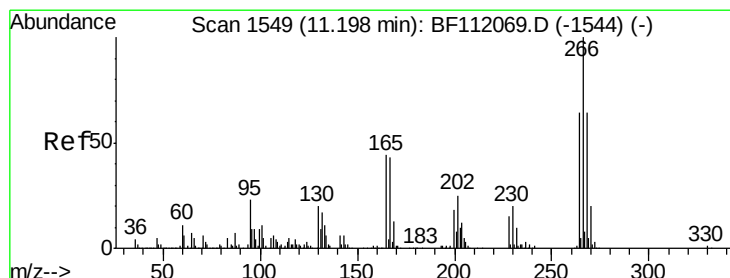
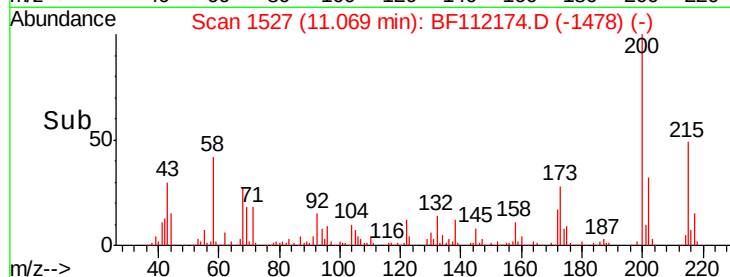
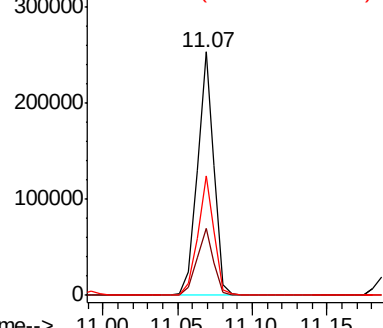
215 49.1 30.4 70.4



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 41.832 ng

RT: 11.19 min Scan# 1547

Delta R.T. -0.01 min

Lab File: BF112174.D

Acq: 21 Jan 2019 23:24

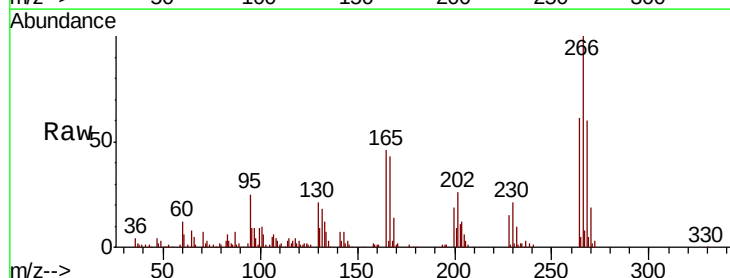
Tgt Ion:266 Resp: 113564

Ion Ratio Lower Upper

266 100

268 60.1 51.2 76.8

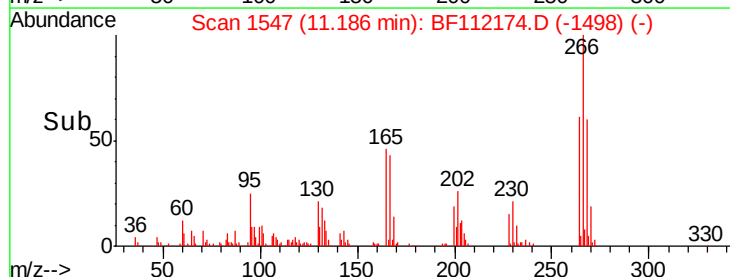
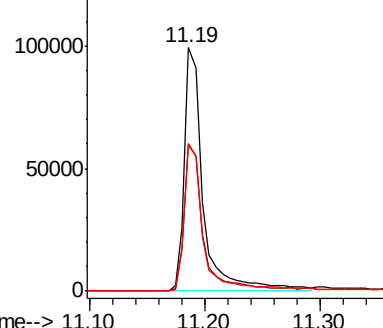
264 60.9 50.9 76.3

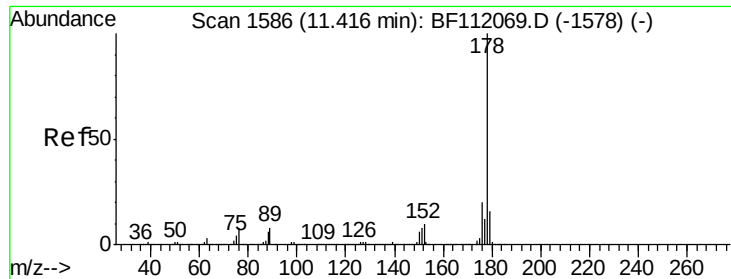


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

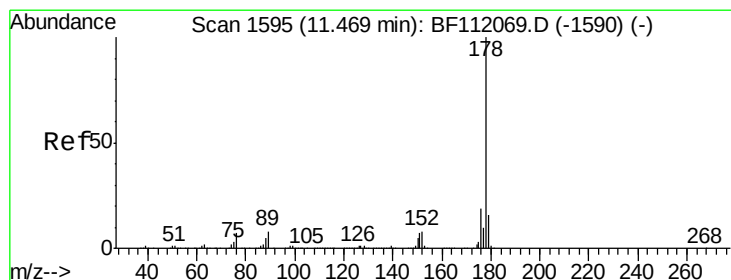
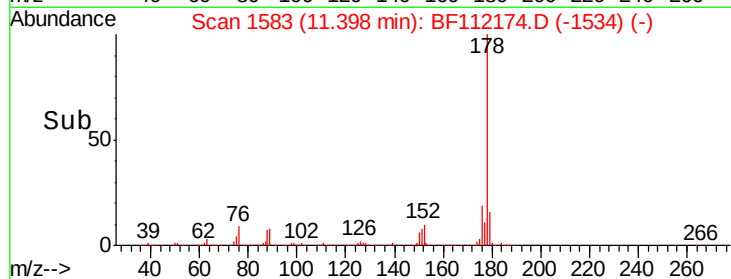
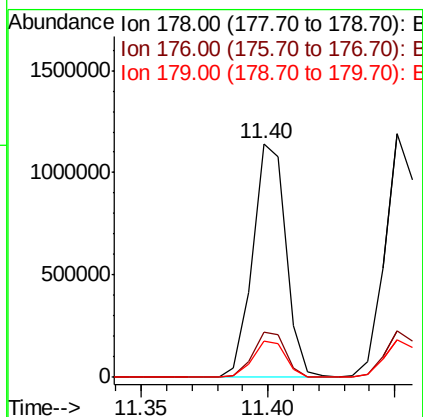
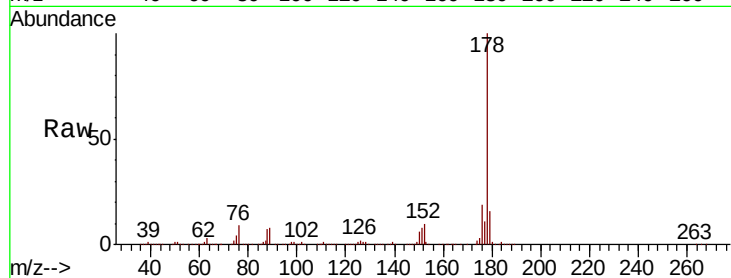




#71
Phenanthrene
Concen: 42.669 ng
RT: 11.40 min Scan# 1583
Delta R.T. -0.01 min
Lab File: BF112174.D
Acq: 21 Jan 2019 23:24

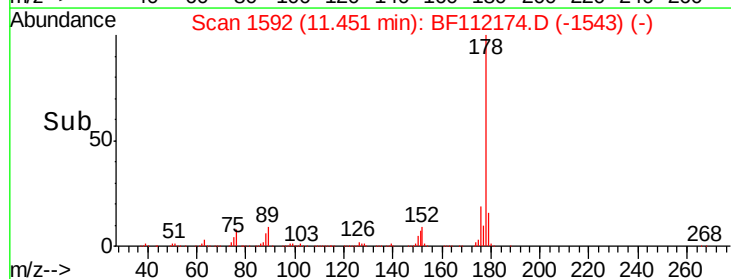
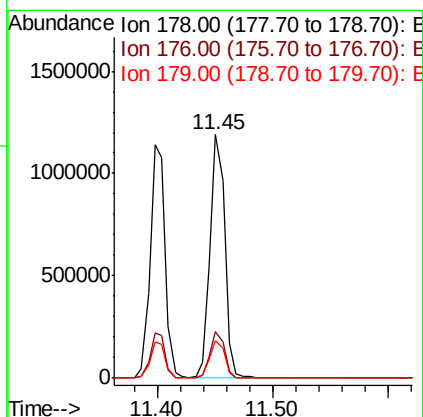
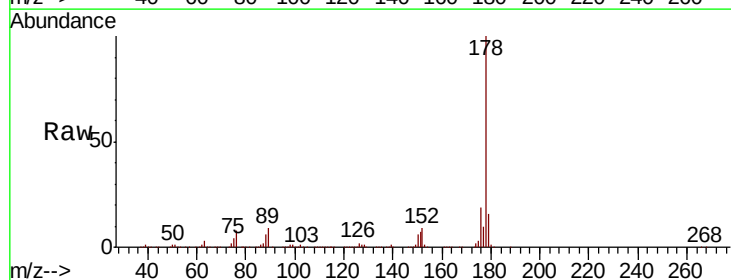
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

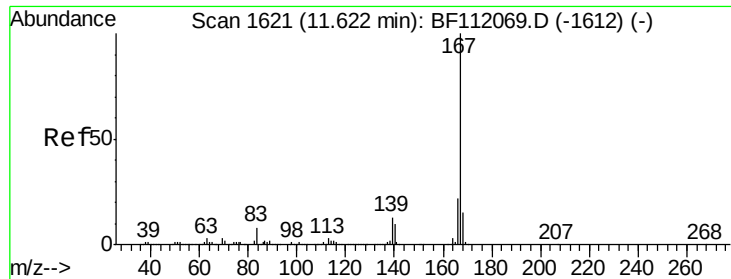
Tgt Ion:178 Resp: 1048019
Ion Ratio Lower Upper
178 100
176 19.1 16.3 24.5
179 15.5 13.0 19.4



#72
Anthracene
Concen: 42.480 ng
RT: 11.45 min Scan# 1592
Delta R.T. -0.01 min
Lab File: BF112174.D
Acq: 21 Jan 2019 23:24

Tgt Ion:178 Resp: 1056939
Ion Ratio Lower Upper
178 100
176 19.3 15.5 23.3
179 15.6 12.8 19.2





#73

Carbazole

Concen: 43.100 ng

RT: 11.61 min Scan# 1619

Delta R.T. -0.01 min

Lab File: BF112174.D

Acq: 21 Jan 2019 23:24

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

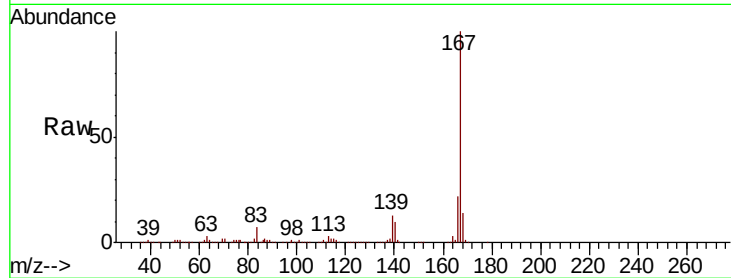
Tgt Ion:167 Resp: 1074237

Ion Ratio Lower Upper

167 100

166 21.9 17.9 26.9

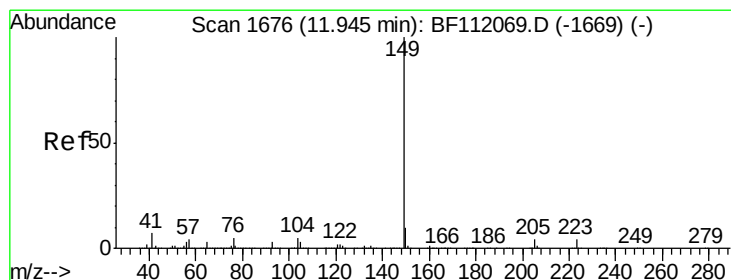
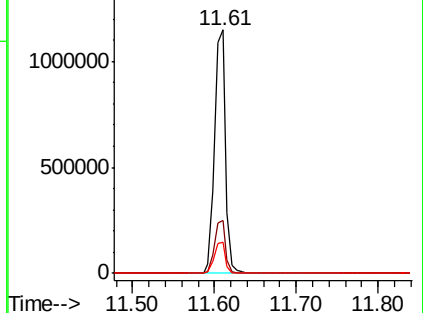
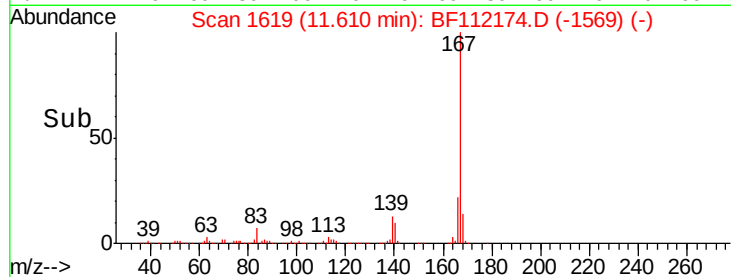
139 12.6 10.2 15.2



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 46.899 ng

RT: 11.93 min Scan# 1674

Delta R.T. -0.01 min

Lab File: BF112174.D

Acq: 21 Jan 2019 23:24

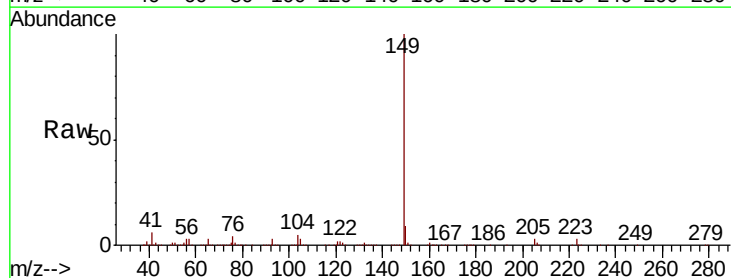
Tgt Ion:149 Resp: 1314877

Ion Ratio Lower Upper

149 100

150 9.5 8.1 12.1

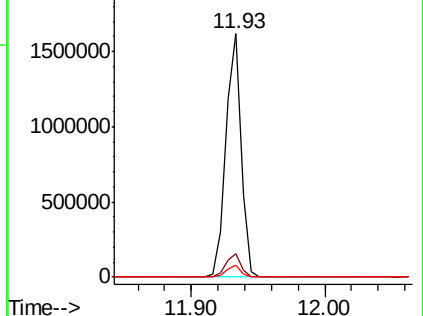
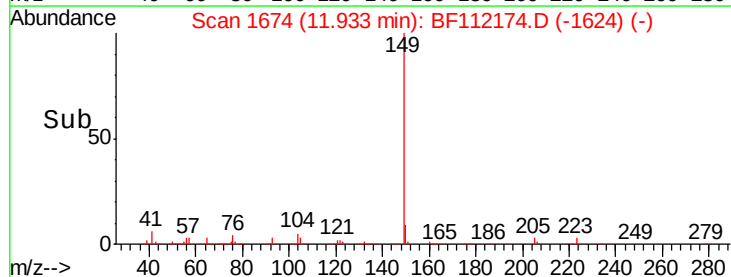
104 4.7 3.9 5.9

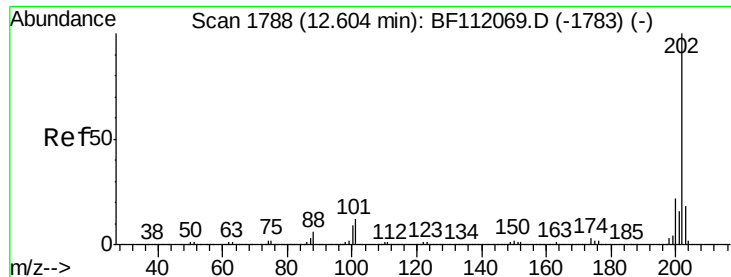


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 45.950 ng

RT: 12.59 min Scan# 1786

Delta R.T. -0.01 min

Lab File: BF112174.D

Acq: 21 Jan 2019 23:24

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

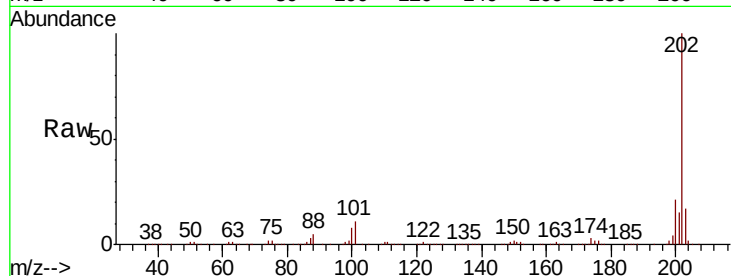
Tgt Ion:202 Resp: 1191598

Ion Ratio Lower Upper

202 100

101 10.6 0.0 31.8

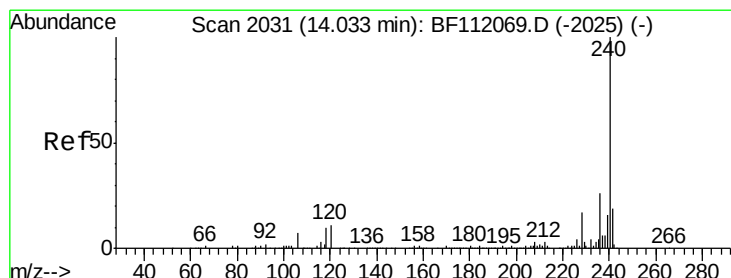
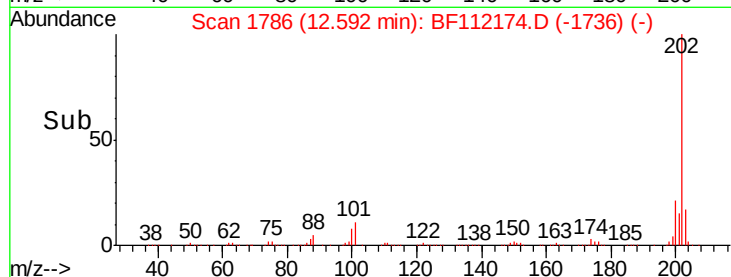
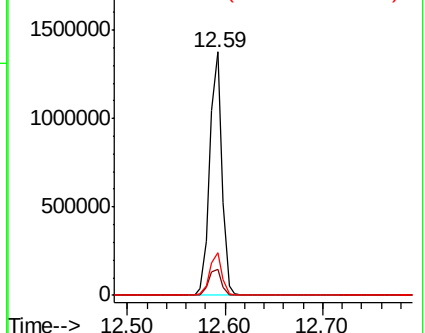
203 17.4 0.0 38.4



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.02 min Scan# 2029

Delta R.T. -0.01 min

Lab File: BF112174.D

Acq: 21 Jan 2019 23:24

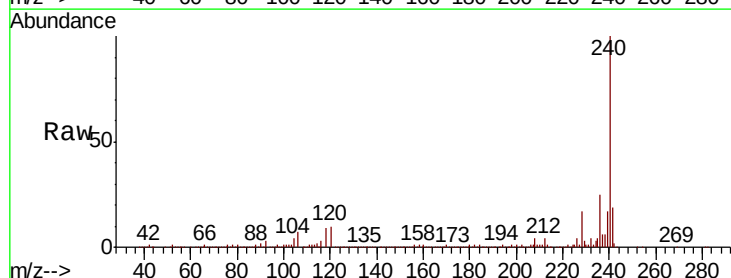
Tgt Ion:240 Resp: 436623

Ion Ratio Lower Upper

240 100

120 10.3 9.0 13.6

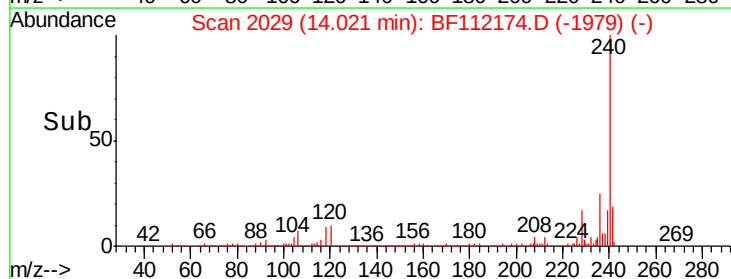
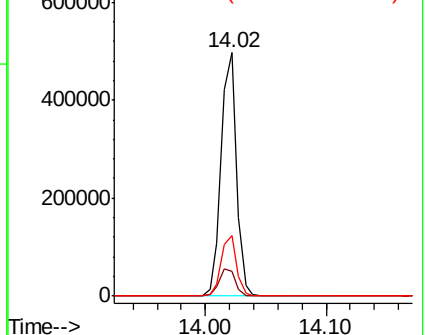
236 25.1 20.7 31.1

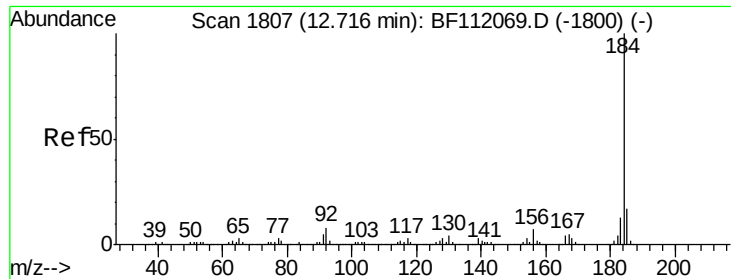


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

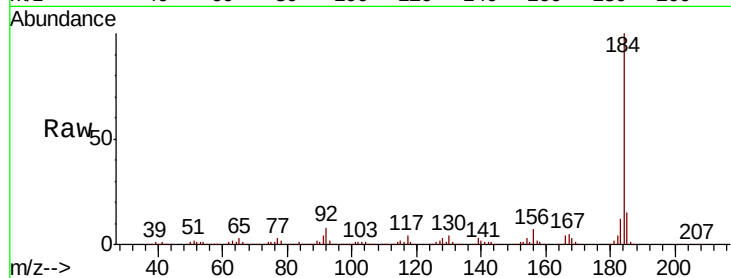




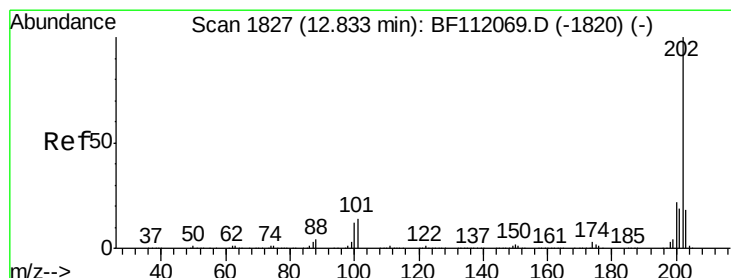
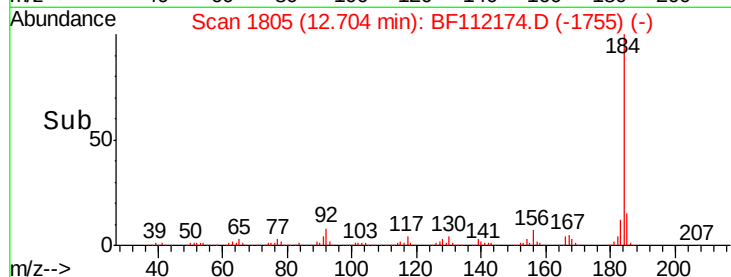
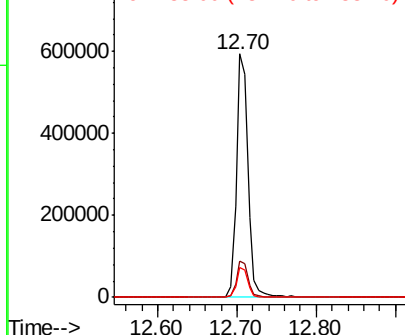
#77
Benzidine
Concen: 41.165 ng
RT: 12.70 min Scan# 1805
Delta R.T. -0.01 min
Lab File: BF112174.D
Acq: 21 Jan 2019 23:24

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:184 Resp: 599689
Ion Ratio Lower Upper
184 100
185 14.9 13.9 20.9
183 12.3 10.0 15.0

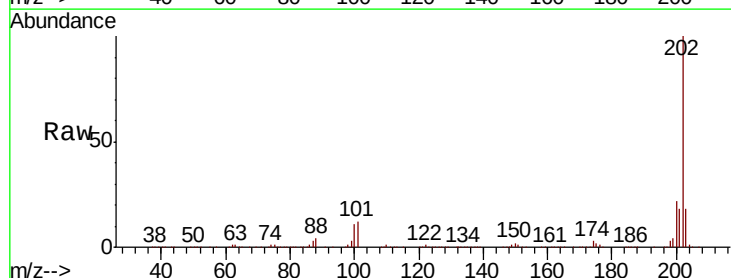


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E

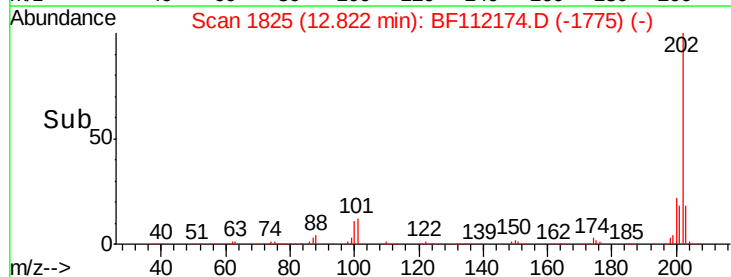
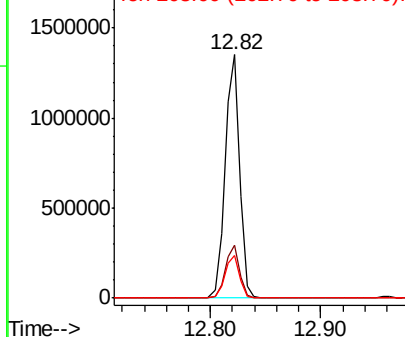


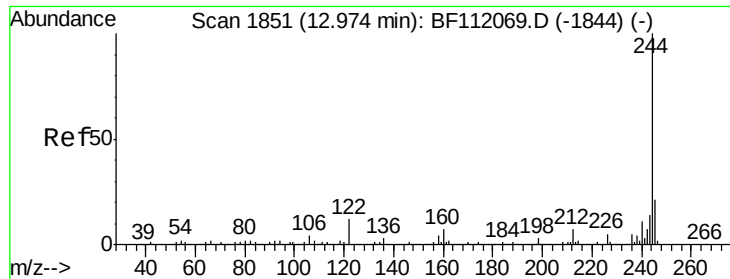
#78
Pyrene
Concen: 43.026 ng
RT: 12.82 min Scan# 1825
Delta R.T. -0.01 min
Lab File: BF112174.D
Acq: 21 Jan 2019 23:24

Tgt Ion:202 Resp: 1239445
Ion Ratio Lower Upper
202 100
200 21.5 17.7 26.5
203 17.5 14.6 22.0



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: 91.304 ng

RT: 12.96 min Scan# 1848

Delta R.T. -0.01 min

Lab File: BF112174.D

Acq: 21 Jan 2019 23:24

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

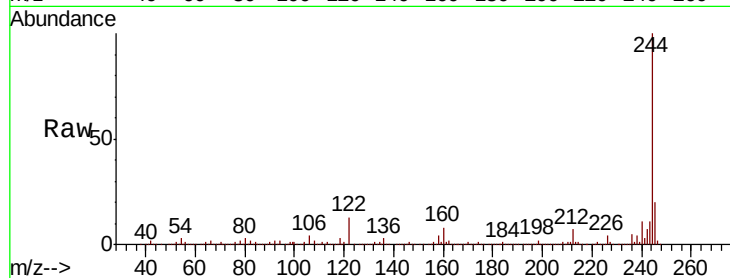
Tgt Ion:244 Resp: 1873934

Ion Ratio Lower Upper

244 100

212 7.2 5.9 8.9

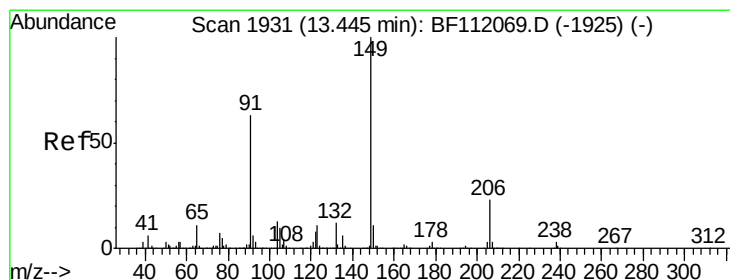
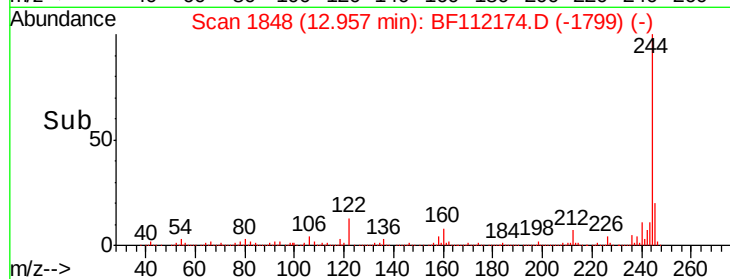
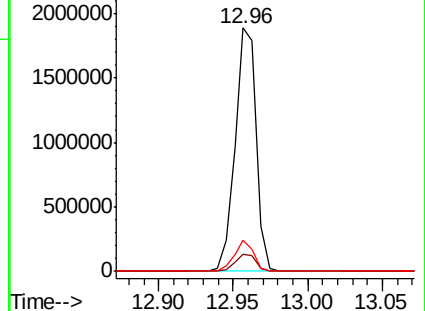
122 12.8 9.8 14.6



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 48.606 ng

RT: 13.43 min Scan# 1928

Delta R.T. -0.01 min

Lab File: BF112174.D

Acq: 21 Jan 2019 23:24

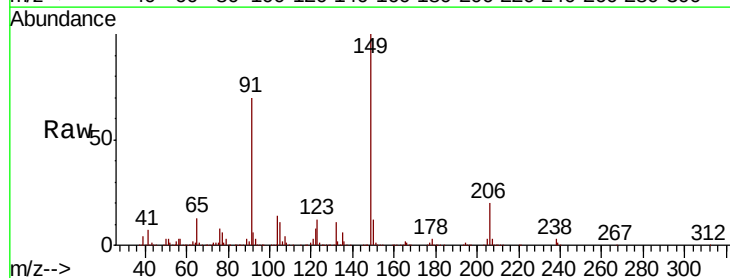
Tgt Ion:149 Resp: 614260

Ion Ratio Lower Upper

149 100

91 69.6 50.3 75.5

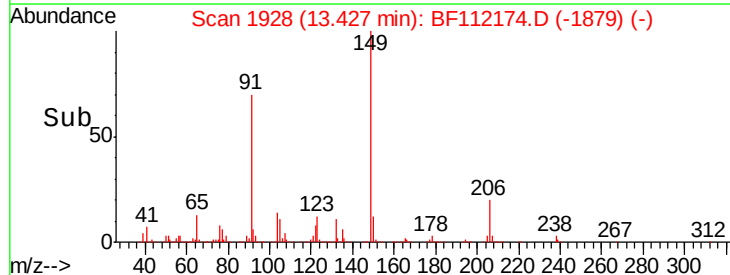
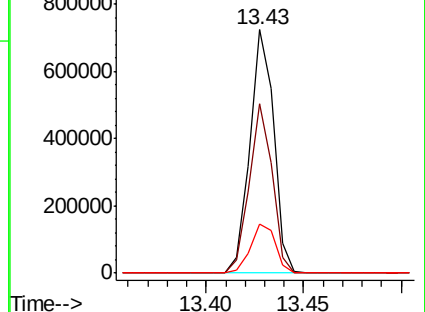
206 20.4 18.2 27.4

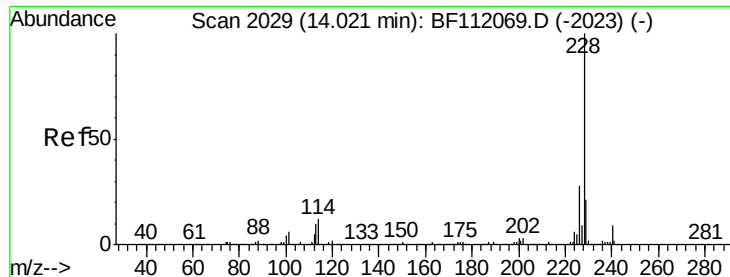


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 41.156 ng

RT: 14.01 min Scan# 2027

Delta R.T. -0.01 min

Lab File: BF112174.D

Acq: 21 Jan 2019 23:24

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

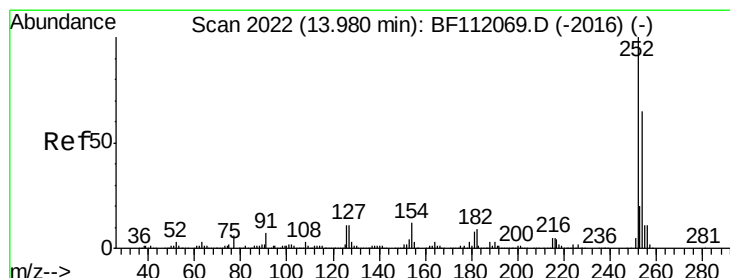
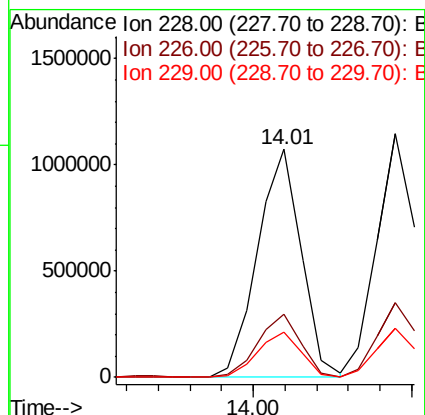
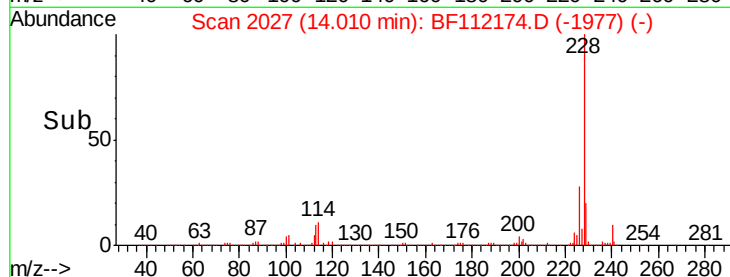
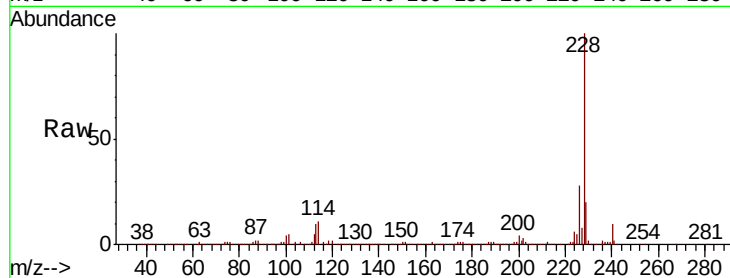
Tgt Ion:228 Resp: 1030338

Ion Ratio Lower Upper

228 100

226 27.7 22.6 34.0

229 19.7 16.5 24.7



#82

3,3'-Dichlorobenzidine

Concen: 49.176 ng

RT: 13.96 min Scan# 2019

Delta R.T. -0.01 min

Lab File: BF112174.D

Acq: 21 Jan 2019 23:24

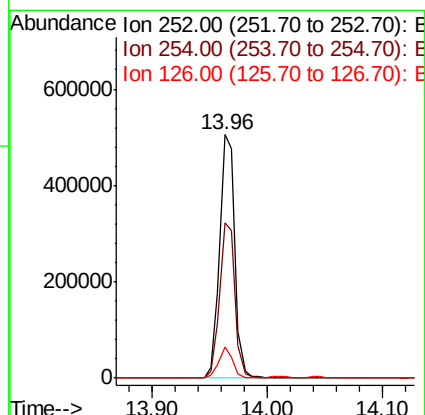
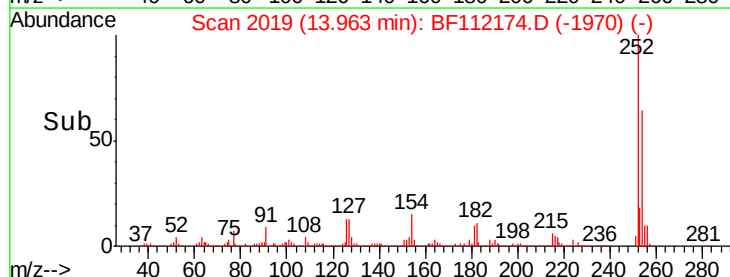
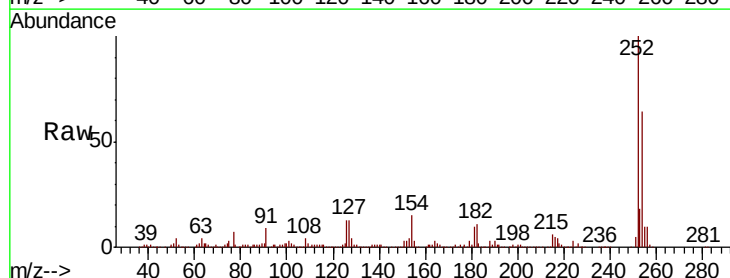
Tgt Ion:252 Resp: 461049

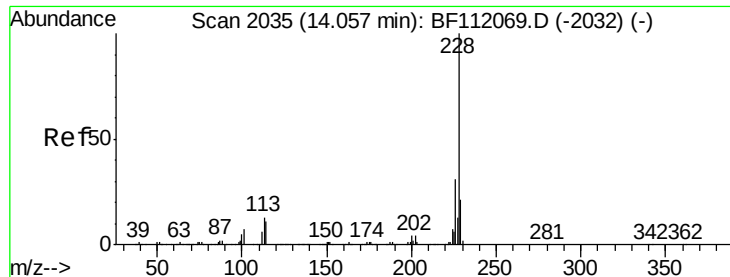
Ion Ratio Lower Upper

252 100

254 63.7 51.6 77.4

126 12.9 8.6 12.8#





#83

Chrysene

Concen: 41.202 ng

RT: 14.05 min Scan# 2033

Delta R.T. -0.01 min

Lab File: BF112174.D

Acq: 21 Jan 2019 23:24

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

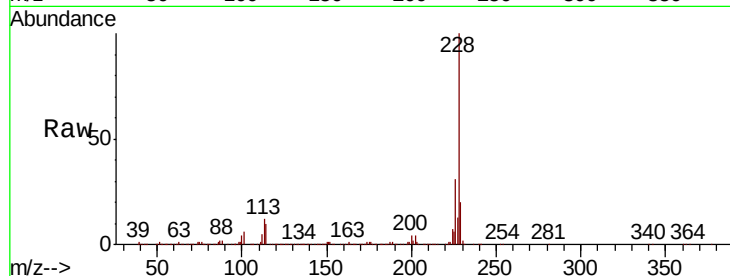
Tgt Ion:228 Resp: 976006

Ion Ratio Lower Upper

228 100

226 30.6 25.0 37.6

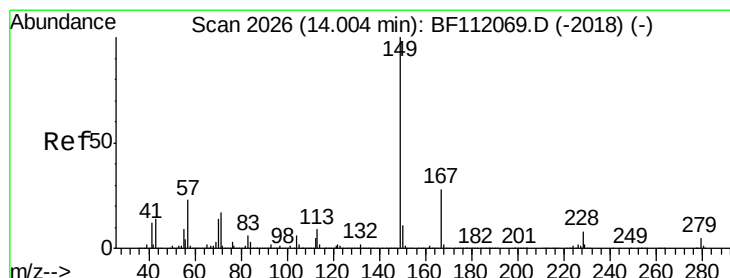
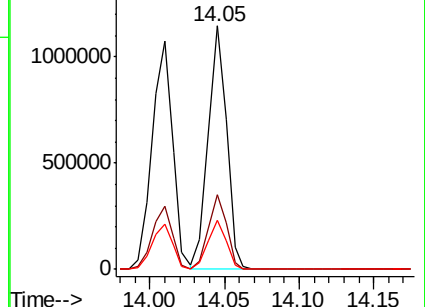
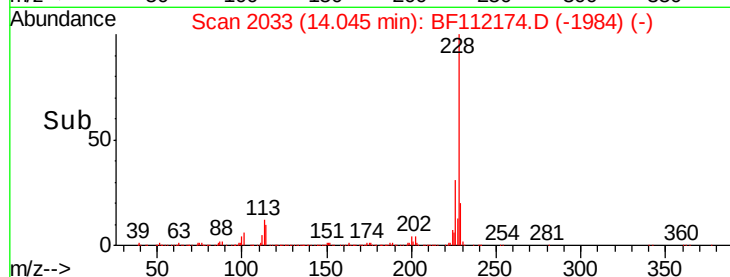
229 20.0 16.6 24.8



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



#84

Bis(2-ethylhexyl)phthalate

Concen: 50.720 ng

RT: 13.99 min Scan# 2023

Delta R.T. -0.01 min

Lab File: BF112174.D

Acq: 21 Jan 2019 23:24

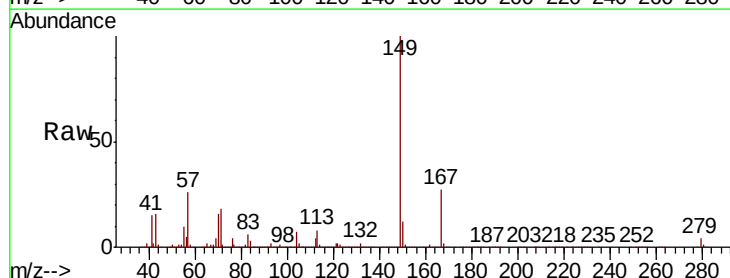
Tgt Ion:149 Resp: 918634

Ion Ratio Lower Upper

149 100

167 27.0 22.5 33.7

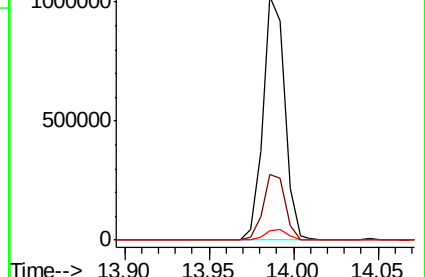
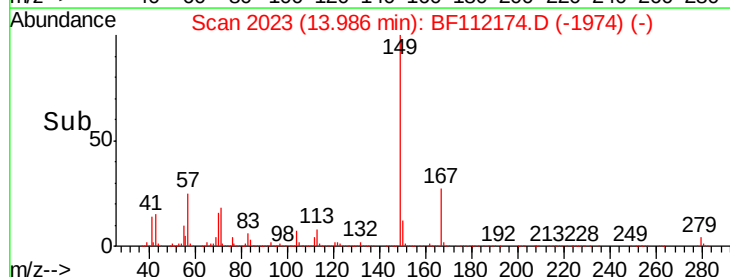
279 3.7 3.8 5.6#

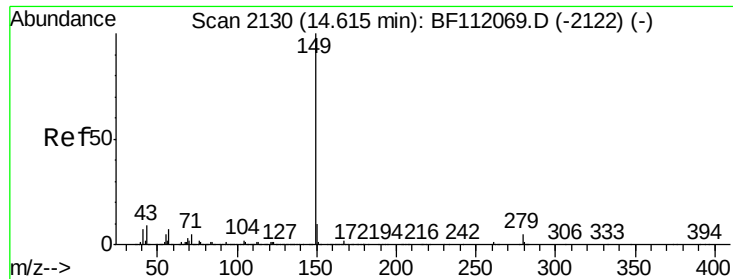


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 50.656 ng

RT: 14.60 min Scan# 2127

Delta R.T. -0.01 min

Lab File: BF112174.D

Acq: 21 Jan 2019 23:24

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

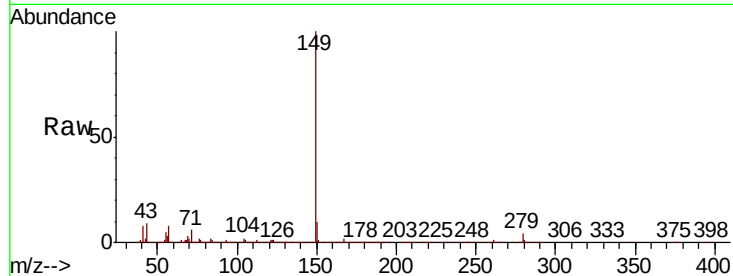
Tgt Ion:149 Resp: 1413598

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

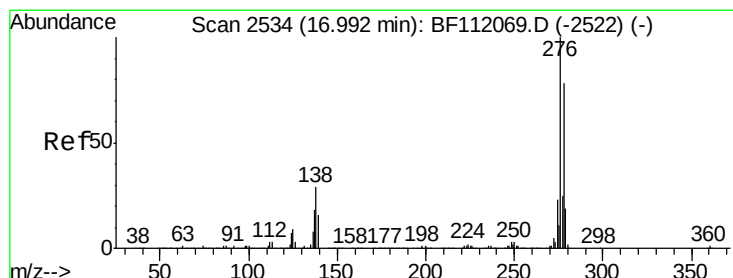
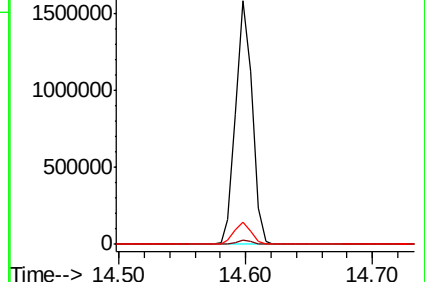
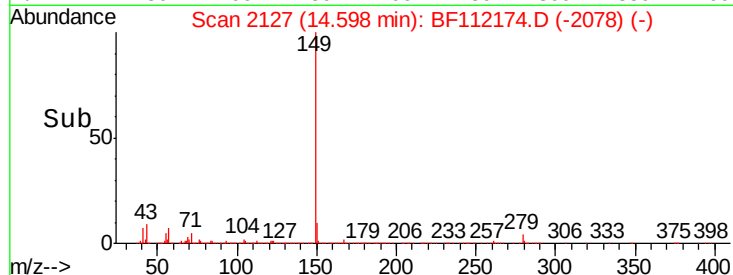
43 8.6 7.8 11.6



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86

Indeno(1,2,3-cd)pyrene

Concen: 31.767 ng

RT: 16.97 min Scan# 2530

Delta R.T. -0.02 min

Lab File: BF112174.D

Acq: 21 Jan 2019 23:24

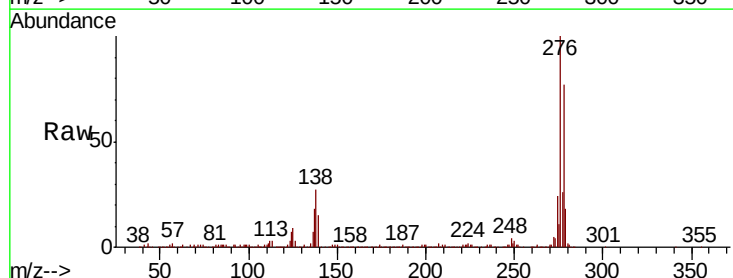
Tgt Ion:276 Resp: 694244

Ion Ratio Lower Upper

276 100

138 26.9 22.6 34.0

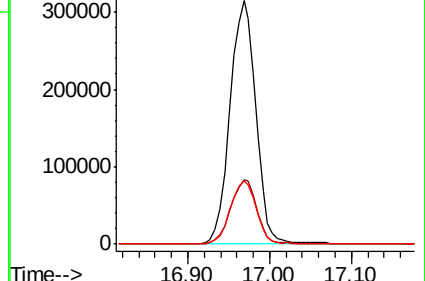
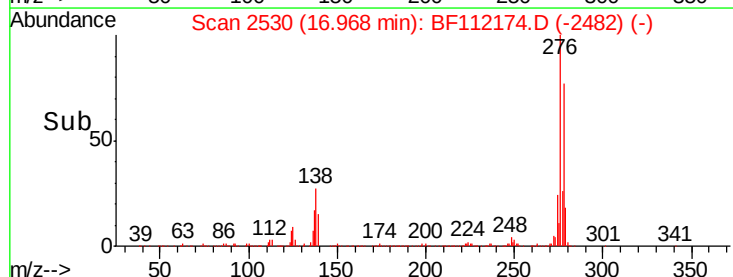
277 26.0 20.3 30.5

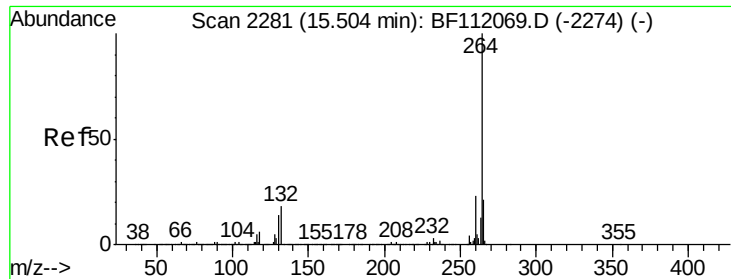


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Perylene-d12

Concen: 20.000 ng

RT: 15.49 min Scan# 2278

Delta R.T. -0.01 min

Lab File: BF112174.D

Acq: 21 Jan 2019 23:24

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

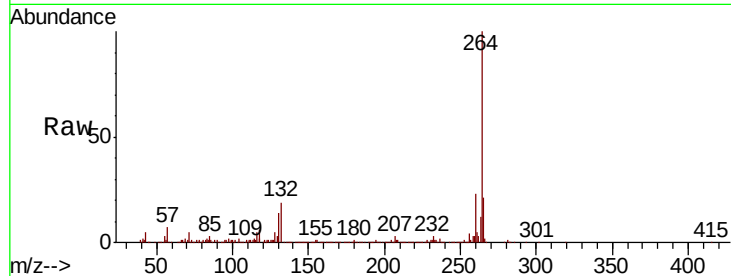
Tgt Ion:264 Resp: 319529

Ion Ratio Lower Upper

264 100

260 22.8 18.2 27.2

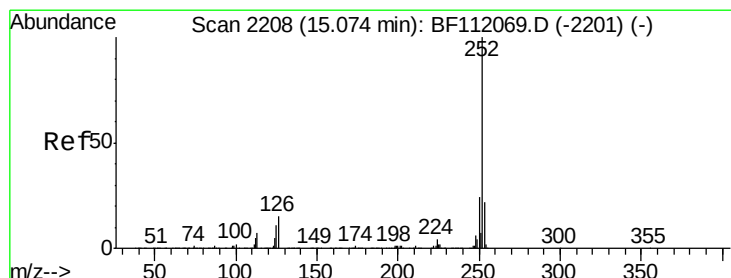
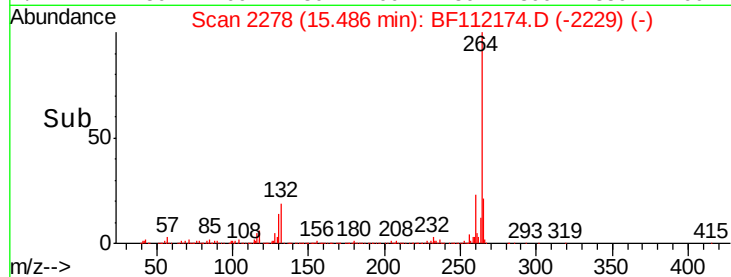
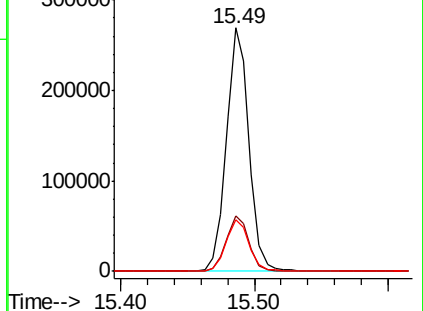
265 21.1 17.0 25.4



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 43.435 ng

RT: 15.06 min Scan# 2205

Delta R.T. -0.01 min

Lab File: BF112174.D

Acq: 21 Jan 2019 23:24

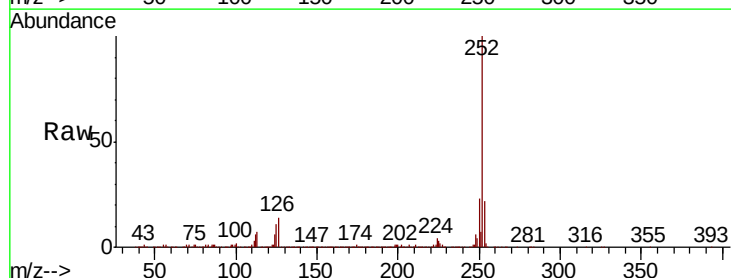
Tgt Ion:252 Resp: 787806

Ion Ratio Lower Upper

252 100

253 22.0 18.0 27.0

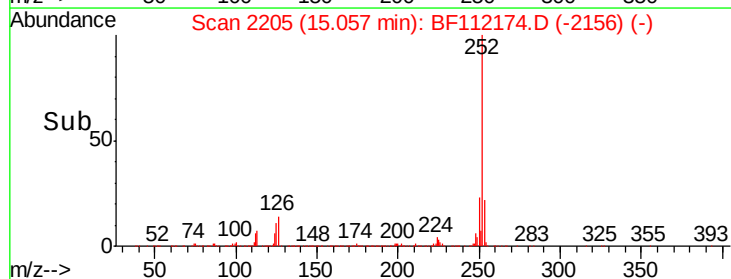
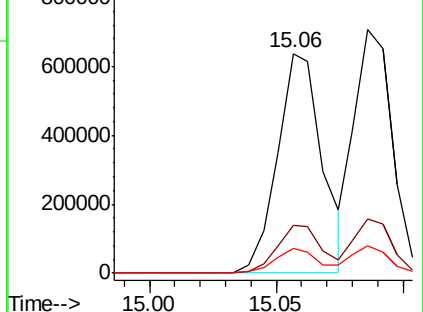
125 11.3 8.7 13.1

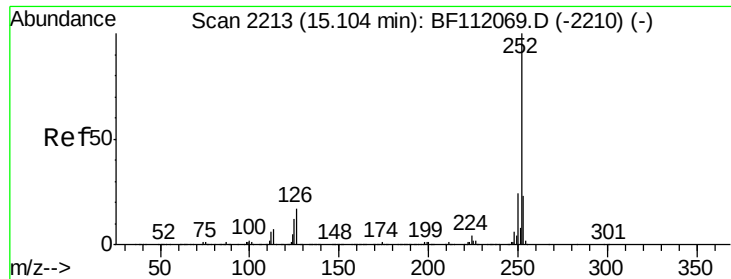


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

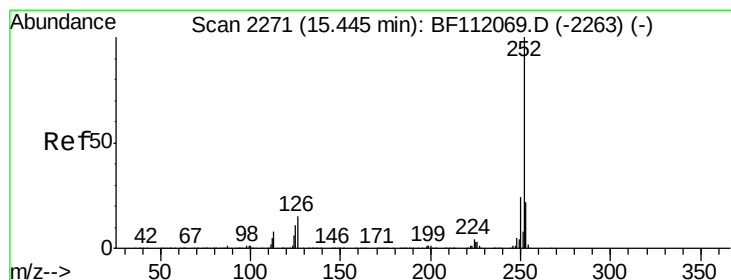
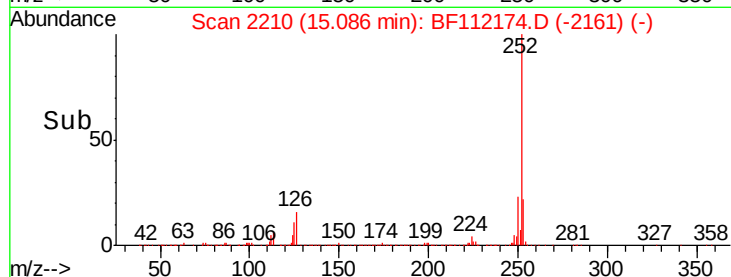
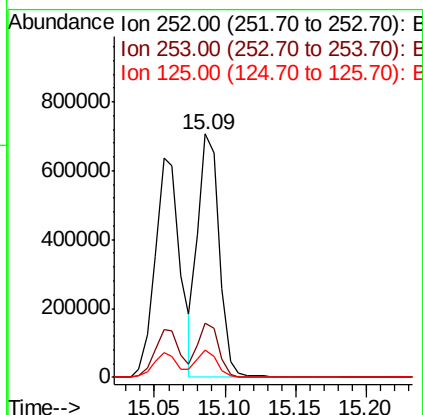
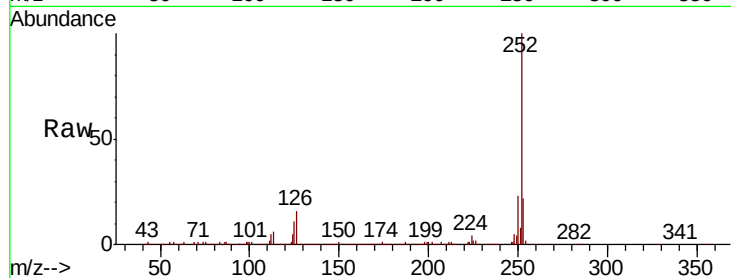




#89
Benzo(k)fluoranthene
Concen: 42.345 ng
RT: 15.09 min Scan# 2210
Delta R.T. -0.01 min
Lab File: BF112174.D
Acq: 21 Jan 2019 23:24

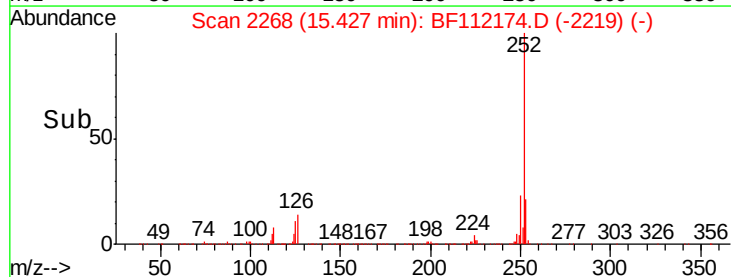
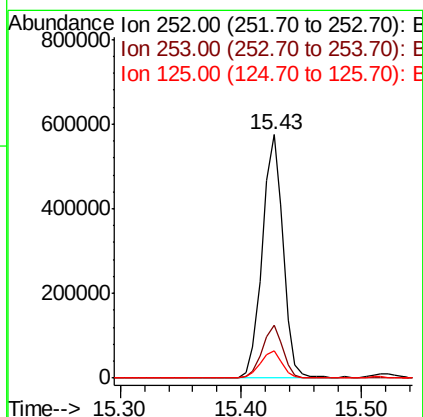
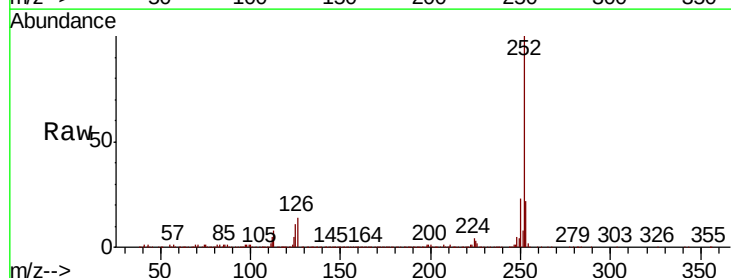
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

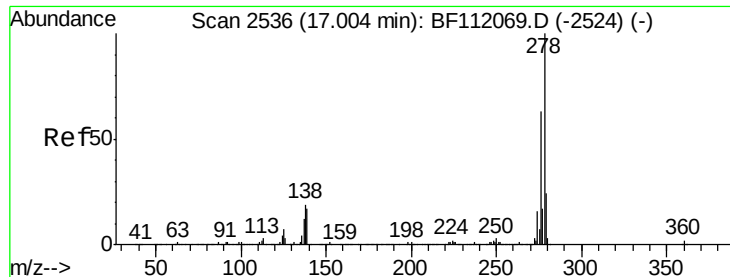
Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.2	18.0	27.0
125	11.2	9.1	13.7



#90
Benzo(a)pyrene
Concen: 41.674 ng
RT: 15.43 min Scan# 2268
Delta R.T. -0.01 min
Lab File: BF112174.D
Acq: 21 Jan 2019 23:24

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.5	17.5	26.3
125	11.4	9.0	13.4





#91

Dibenzo(a,h)anthracene

Concen: 40.455 ng

RT: 16.98 min Scan# 2532

Delta R.T. -0.02 min

Lab File: BF112174.D

Acq: 21 Jan 2019 23:24

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

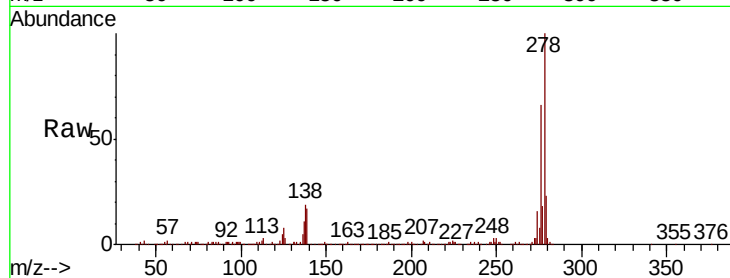
Tgt Ion:278 Resp: 597665

Ion Ratio Lower Upper

278 100

139 16.8 13.7 20.5

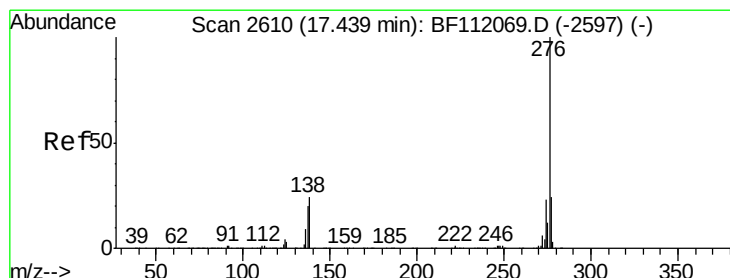
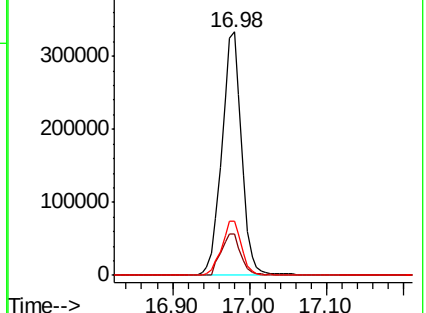
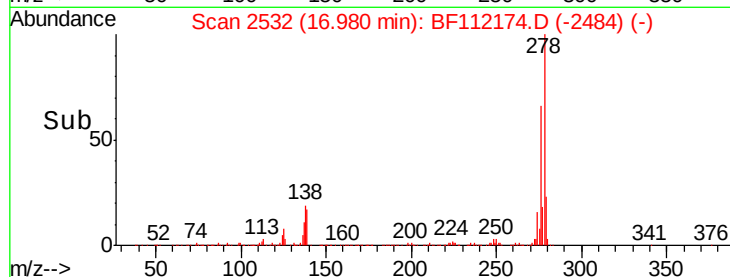
279 22.5 19.0 28.6



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 38.507 ng

RT: 17.42 min Scan# 2606

Delta R.T. -0.01 min

Lab File: BF112174.D

Acq: 21 Jan 2019 23:24

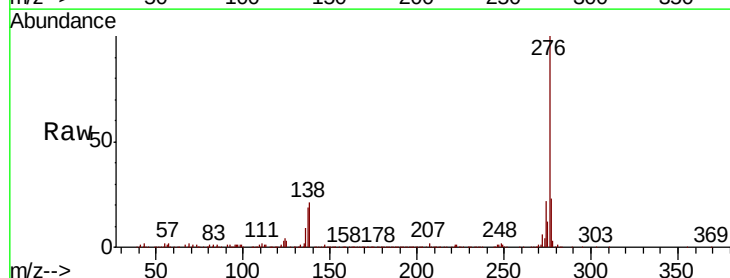
Tgt Ion:276 Resp: 560447

Ion Ratio Lower Upper

276 100

277 23.2 19.4 29.0

138 21.4 19.1 28.7



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

