

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF042319\
 Data File : BF113934.D
 Acq On : 23 Apr 2019 21:25
 Operator : JU/SJ
 Sample : K2204-04MSD
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TR-05-042219MSD

Quant Time: Apr 24 02:07:08 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF042219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 23 03:32:35 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	124417	20.00	ng	0.00
21) Naphthalene-d8	8.18	136	428924	20.00	ng	0.00
39) Acenaphthene-d10	9.93	164	188954	20.00	ng	0.00
64) Phenanthrene-d10	11.42	188	338606	20.00	ng	0.00
76) Chrysene-d12	14.06	240	342204	20.00	ng	0.00
87) Perylene-d12	15.54	264	314214	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.54	112	800379	110.03	ng	0.02
7) Phenol-d6	6.53	99	937463	102.72	ng	0.01
23) Nitrobenzene-d5	7.46	82	666915	96.00	ng	0.00
42) 2,4,6-Tribromophenol	10.72	330	293504	127.51	ng	0.00
45) 2-Fluorobiphenyl	9.26	172	1231617	101.94	ng	0.00
79) Terphenyl-d14	13.00	244	1412872	84.64	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.87	88	128581	37.498	ng	# 85
3) Pyridine	3.58	79	256752	27.431	ng	96
4) n-Nitrosodimethylamine	3.50	42	125528	39.179	ng	97
6) Aniline	6.56	93	257244	20.526	ng	99
8) 2-Chlorophenol	6.69	128	338646	40.776	ng	96
9) Benzaldehyde	6.45	77	58472	6.739	ng	95
10) Phenol	6.55	94	361848	33.157	ng	97
11) bis(2-Chloroethyl)ether	6.63	93	348814	42.474	ng	98
12) 1,3-Dichlorobenzene	6.85	146	387367	41.183	ng	98
13) 1,4-Dichlorobenzene	6.92	146	391378	41.369	ng	99
14) 1,2-Dichlorobenzene	7.07	146	364669	41.942	ng	98
15) Benzyl Alcohol	7.04	79	268962	43.757	ng	100
16) 2,2'-oxybis(1-Chloropropan	7.17	45	393140	41.009	ng	91
17) 2-Methylphenol	7.15	107	298433	40.994	ng	98
18) Hexachloroethane	7.42	117	124263	37.469	ng	97
19) n-Nitroso-di-n-propylamine	7.31	70	243878	41.264	ng	99
20) 3+4-Methylphenols	7.30	107	329884	40.107	ng	# 82
22) Acetophenone	7.30	105	483031	50.606	ng	# 93
24) Nitrobenzene	7.47	77	375579	48.929	ng	98
25) Isophorone	7.72	82	657910	46.285	ng	99
26) 2-Nitrophenol	7.79	139	173238	49.471	ng	95
27) 2,4-Dimethylphenol	7.83	122	293963	51.524	ng	98
28) bis(2-Chloroethoxy)methane	7.92	93	423782	46.787	ng	100
29) 2,4-Dichlorophenol	8.04	162	298176	45.703	ng	97
30) 1,2,4-Trichlorobenzene	8.12	180	335577	46.130	ng	100
31) Naphthalene	8.20	128	964342	47.327	ng	99
32) Benzoic acid	7.94	122	134890	35.010	ng	98
33) 4-Chloroaniline	8.25	127	125365	14.540	ng	96
34) Hexachlorobutadiene	8.32	225	208242	45.920	ng	99
35) Caprolactam	8.60	113	59544	28.690	ng	90
36) 4-Chloro-3-methylphenol	8.73	107	272962	42.230	ng	100
37) 2-Methylnaphthalene	8.89	142	625914	45.552	ng	98
38) 1-Methylnaphthalene	8.99	142	592367	44.667	ng	98
40) 1,2,4,5-Tetrachlorobenzene	9.06	216	320108	52.153	ng	99

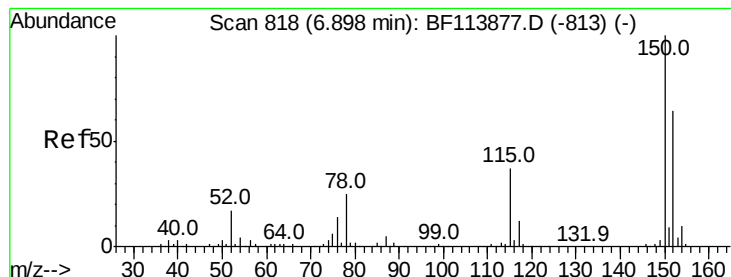
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF042319\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.05	237	125027	36.529	ng	98
43) 2,4,6-Trichlorophenol	9.17	196	205241	52.660	ng	100
44) 2,4,5-Trichlorophenol	9.22	196	219557	50.223	ng	97
46) 1,1'-Biphenyl	9.36	154	758258	52.530	ng	99
47) 2-Chloronaphthalene	9.38	162	590752	50.326	ng	97
48) 2-Nitroaniline	9.47	65	161896	52.611	ng	96
49) Acenaphthylene	9.80	152	877424	47.746	ng	99
50) Dimethylphthalate	9.65	163	713719	52.228	ng	99
51) 2,6-Dinitrotoluene	9.71	165	146835	50.084	ng	92
52) Acenaphthene	9.97	154	527071	48.531	ng	98
53) 3-Nitroaniline	9.87	138	106779	34.660	ng	97
54) 2,4-Dinitrophenol	9.99	184	46431	41.118	ng	# 3
55) Dibenzofuran	10.14	168	781783	48.056	ng	99
56) 4-Nitrophenol	10.04	139	196360	80.500	ng	95
57) 2,4-Dinitrotoluene	10.12	165	181864	49.146	ng	96
58) Fluorene	10.49	166	566587	46.260	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.26	232	175813	45.764	ng	100
60) Diethylphthalate	10.35	149	643830	49.613	ng	99
61) 4-Chlorophenyl-phenylether	10.47	204	312153	48.124	ng	98
62) 4-Nitroaniline	10.49	138	133175	44.297	ng	96
63) Azobenzene	10.63	77	560484	44.564	ng	96
65) 4,6-Dinitro-2-methylphenol	10.52	198	34260	26.022	ng	94
66) n-Nitrosodiphenylamine	10.59	169	513668	50.558	ng	99
67) 4-Bromophenyl-phenylether	10.96	248	194611	47.576	ng	97
68) Hexachlorobenzene	11.03	284	208681	46.425	ng	97
69) Atrazine	11.12	200	157765	47.734	ng	98
70) Pentachlorophenol	11.23	266	250447	98.406	ng	98
71) Phenanthrene	11.45	178	845009	49.657	ng	99
72) Anthracene	11.50	178	883870	51.435	ng	99
73) Carbazole	11.65	167	783585	51.112	ng	99
74) Di-n-butylphthalate	11.97	149	923090	51.186	ng	99
75) Fluoranthene	12.63	202	1001607	53.949	ng	98
77) Benzidine	12.75	184	128121	12.566	ng	96
78) Pyrene	12.86	202	1024491	42.810	ng	98
80) Butylbenzylphthalate	13.47	149	438038	46.523	ng	96
81) Benzo(a)anthracene	14.05	228	1027224	50.949	ng	99
82) 3,3'-Dichlorobenzidine	14.00	252	396580	53.665	ng	98
83) Chrysene	14.09	228	1017572	51.822	ng	98
84) Bis(2-ethylhexyl)phthalate	14.03	149	616979	51.503	ng	98
85) Di-n-octyl phthalate	14.66	149	1111239	59.264	ng	98
86) Indeno(1,2,3-cd)pyrene	17.04	276	784555	42.181	ng	98
88) Benzo(b)fluoranthene	15.11	252	1011957	50.903	ng	99
89) Benzo(k)fluoranthene	15.14	252	913452	53.417	ng	98
90) Benzo(a)pyrene	15.49	252	865988	50.362	ng	99
91) Dibenzo(a,h)anthracene	17.05	278	677439	41.969	ng	100
92) Benzo(g,h,i)perylene	17.49	276	627300	38.509	ng	98

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.90 min Scan# 818

Delta R.T. 0.00 min

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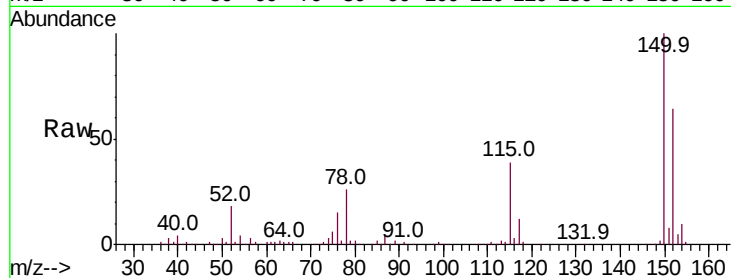
Tot Ion:152 Resp: 124417

Ion Ratio Lower Upper

152 100

150 156.1 125.9 188.9

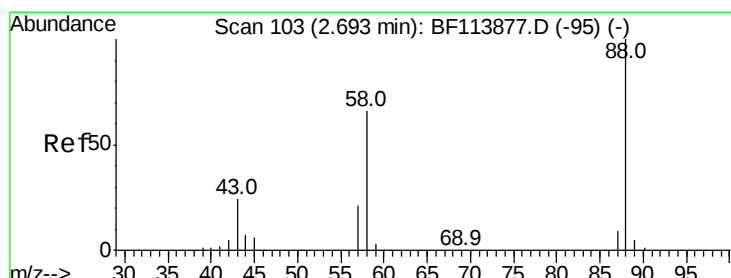
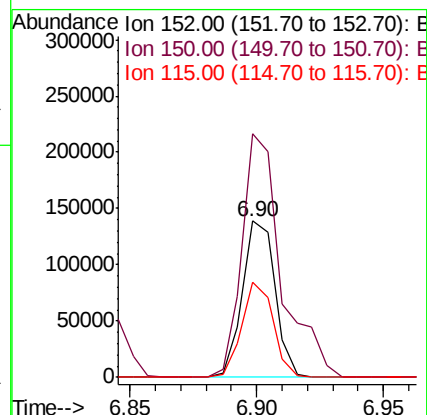
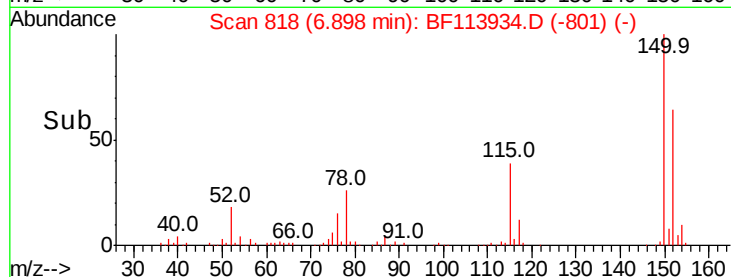
115 61.2 45.9 68.9



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: 37.498 ng

RT: 2.87 min Scan# 133

Delta R.T. 0.18 min

Lab File: BF113934.D

Acq: 23 Apr 2019 21:25

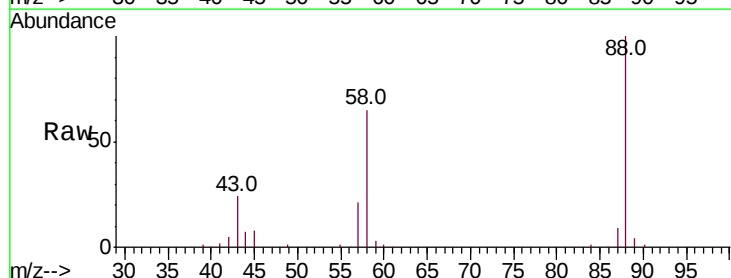
Tgt Ion: 88 Resp: 128581

Ion Ratio Lower Upper

88 100

58 63.8 53.3 79.9

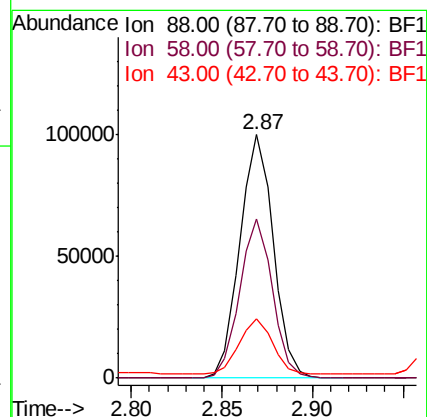
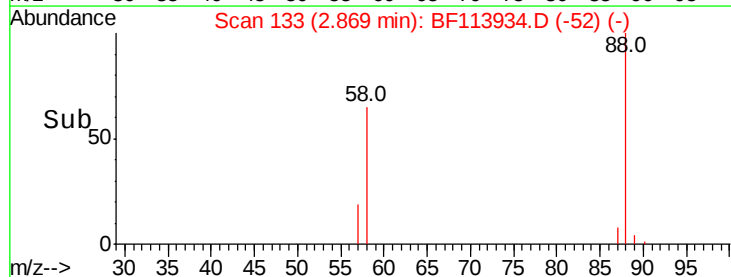
43 0.0 19.0 28.4#

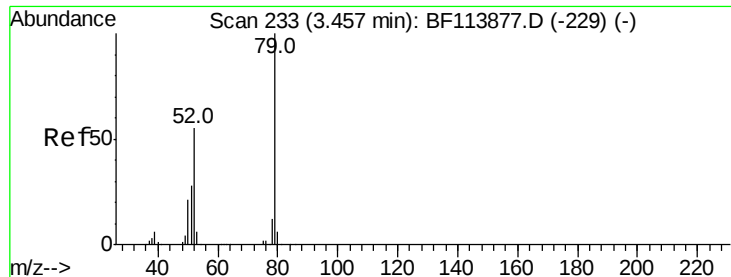


Abundance Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 27.431 ng

RT: 3.58 min Scan# 253

Delta R.T. 0.12 min

Lab File: BF113934.D

Acq: 23 Apr 2019 21:25

Instrument :

BNA_F

ClientSampleId :

TR-05-042219MSD

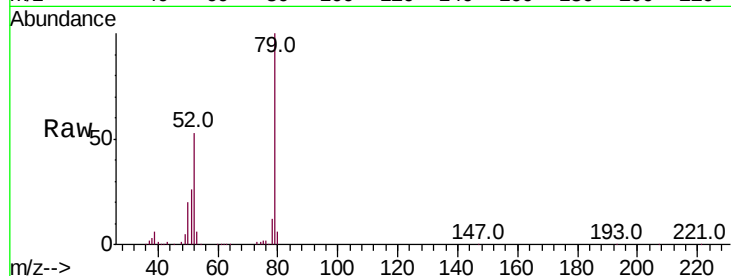
Tot Ion: 79 Resp: 256752

Ion Ratio Lower Upper

79 100

52 53.5 45.3 67.9

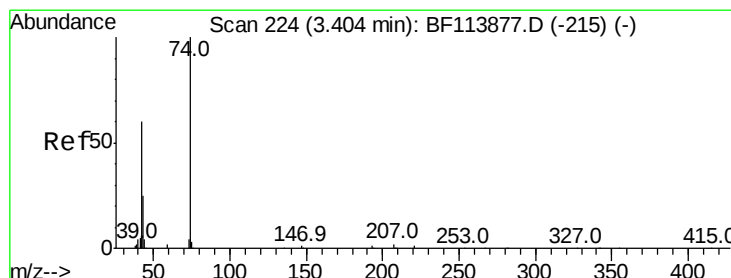
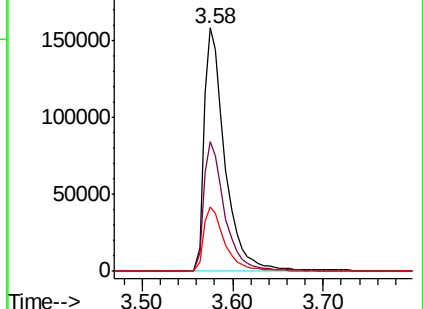
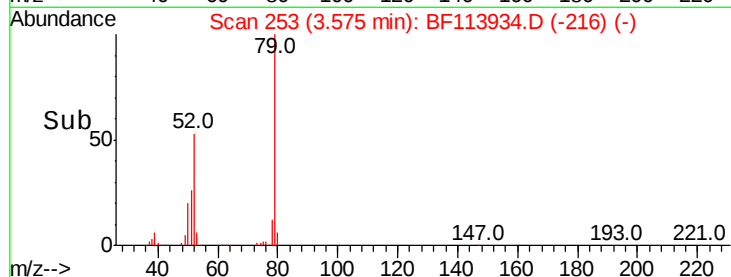
51 26.3 22.1 33.1



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: 39.179 ng

RT: 3.50 min Scan# 241

Delta R.T. 0.10 min

Lab File: BF113934.D

Acq: 23 Apr 2019 21:25

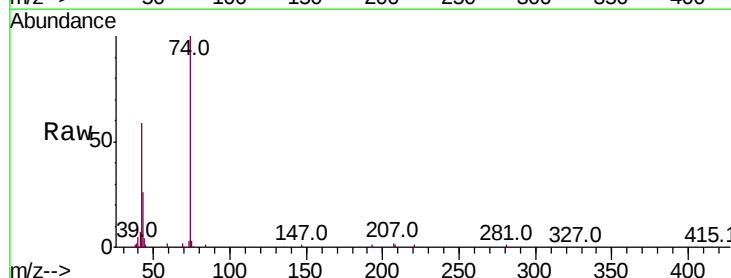
Tgt Ion: 42 Resp: 125528

Ion Ratio Lower Upper

42 100

74 169.8 132.6 198.8

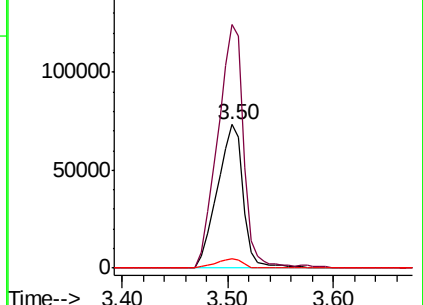
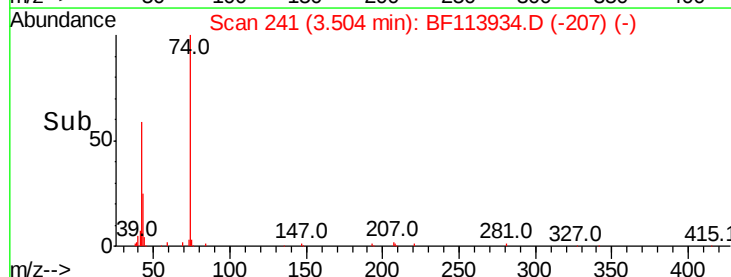
44 6.3 5.8 8.8

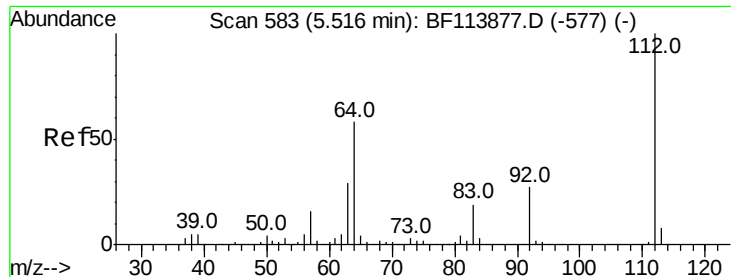


Abundance Ion 42.00 (41.70 to 42.70): BF1

Ion 74.00 (73.70 to 74.70): BF1

Ion 44.00 (43.70 to 44.70): BF1

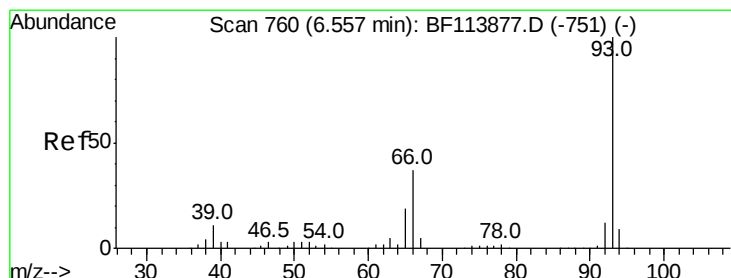
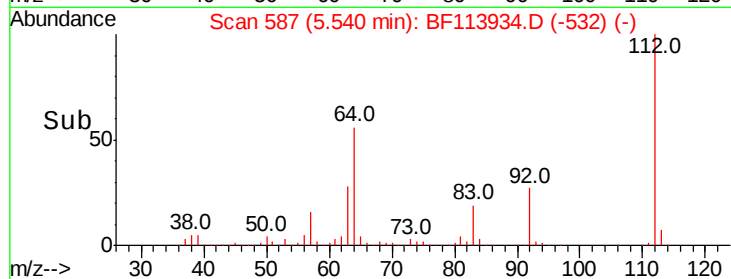
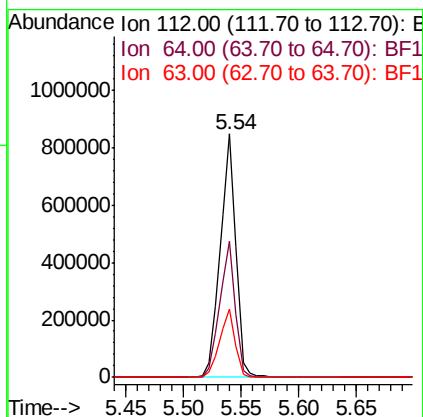
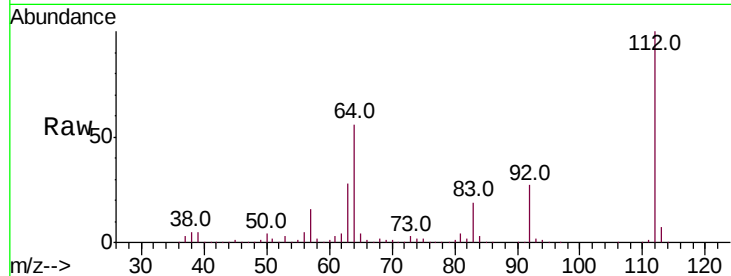




#5
 2-Fluorophenol
 Concen: 110.028 ng
 RT: 5.54 min Scan# 587
 Delta R.T. 0.02 min
 Lab File: BF113934.D
 Acq: 23 Apr 2019 21:25

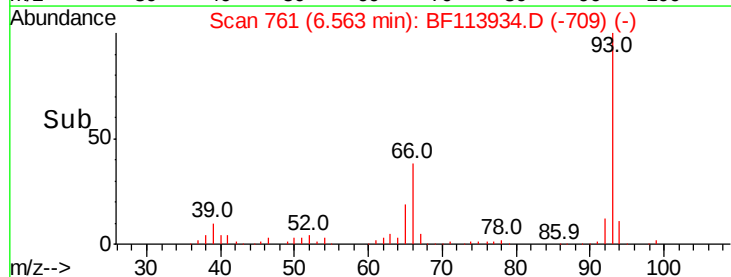
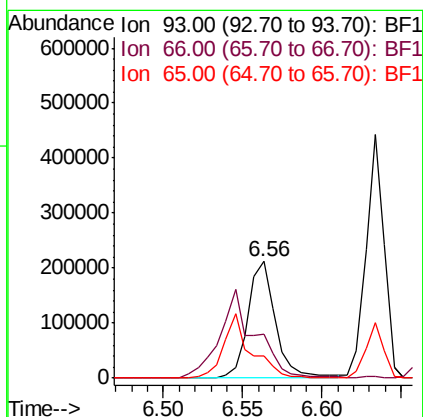
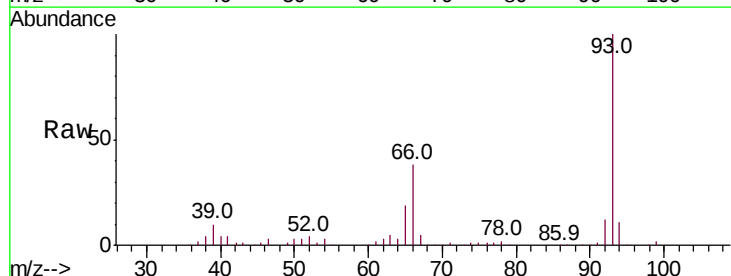
Instrument :
 BNA_F
 ClientSampleId :
 TR-05-042219MSD

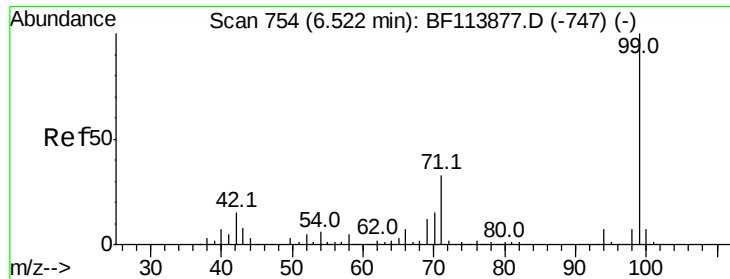
Tot Ion:	112	Resp:	800379
Ion	Ratio	Lower	Upper
112	100		
64	56.1	46.6	69.8
63	28.0	23.1	34.7



#6
 Aniline
 Concen: 20.526 ng
 RT: 6.56 min Scan# 761
 Delta R.T. 0.01 min
 Lab File: BF113934.D
 Acq: 23 Apr 2019 21:25

Tgt Ion:	93	Resp:	257244
Ion	Ratio	Lower	Upper
93	100		
66	37.9	29.8	44.6
65	18.9	14.9	22.3





#7

Phenol-d6

Concen: 102.719 ng

RT: 6.53 min Scan# 756

Delta R.T. 0.01 min

Lab File: BF113934.D

Acq: 23 Apr 2019 21:25

Instrument :

BNA_F

ClientSampleId :

TR-05-042219MSD

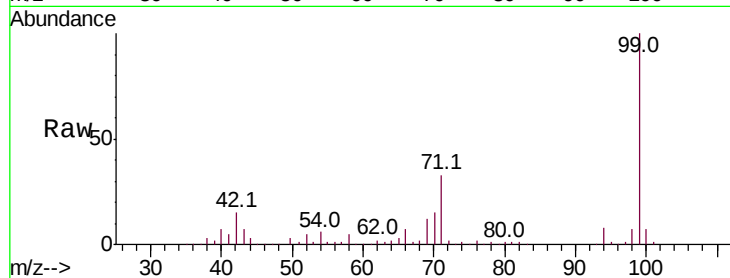
Tot Ion: 99 Resp: 937463

Ion Ratio Lower Upper

99 100

42 14.7 12.5 18.7

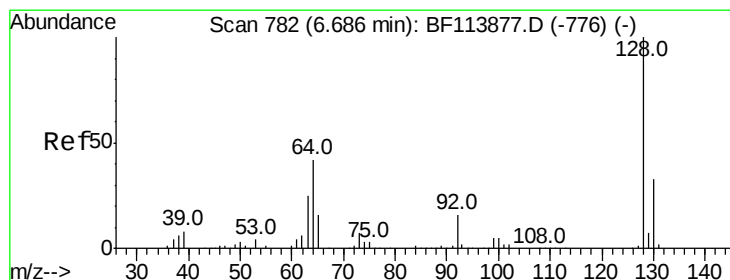
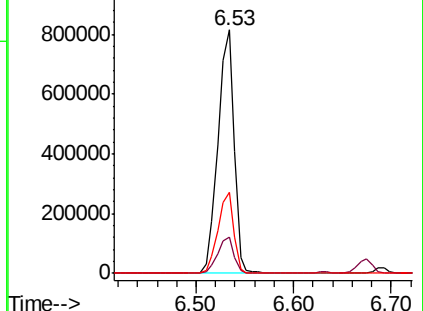
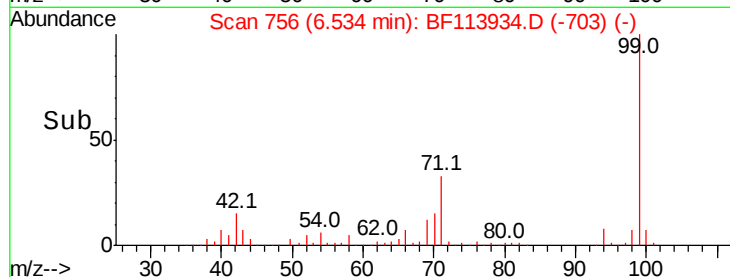
71 33.3 26.9 40.3



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: 40.776 ng

RT: 6.69 min Scan# 783

Delta R.T. 0.01 min

Lab File: BF113934.D

Acq: 23 Apr 2019 21:25

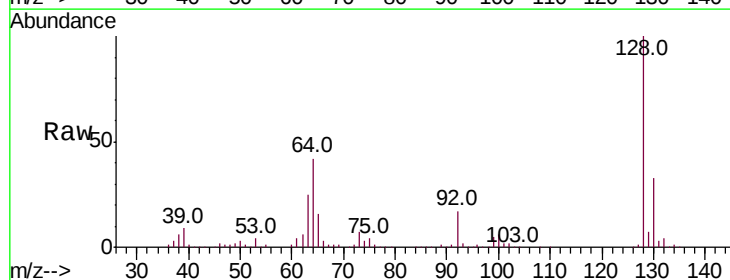
Tgt Ion: 128 Resp: 338646

Ion Ratio Lower Upper

128 100

130 33.2 12.3 52.3

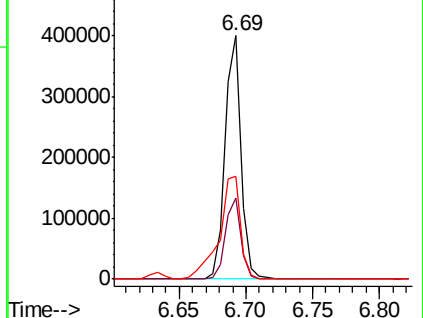
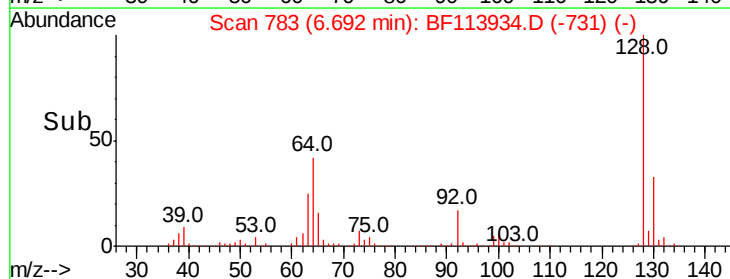
64 42.0 26.1 66.1

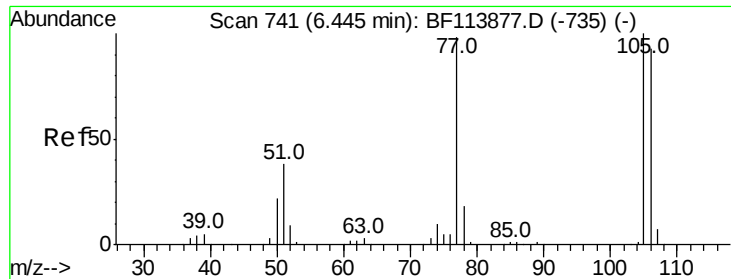


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1

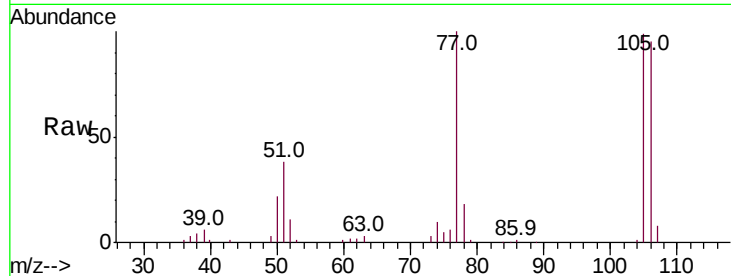




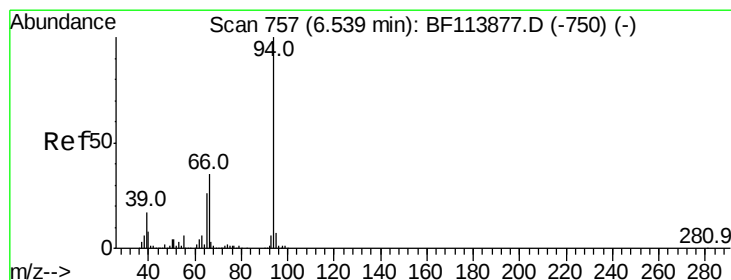
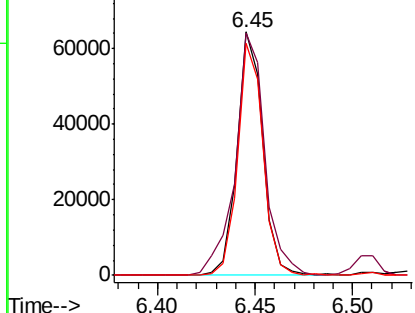
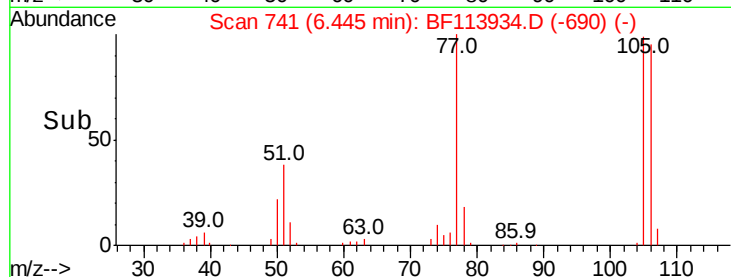
#9
Benzaldehyde
Concen: 6.739 ng
RT: 6.45 min Scan# 741
Delta R.T. 0.00 min
Lab File: BF113934.D
Acq: 23 Apr 2019 21:25

Instrument :
BNA_F
ClientSampleId :
TR-05-042219MSD

Tot Ion: 77 Resp: 58472
Ion Ratio Lower Upper
77 100
105 99.3 74.1 114.1
106 95.5 70.3 110.3

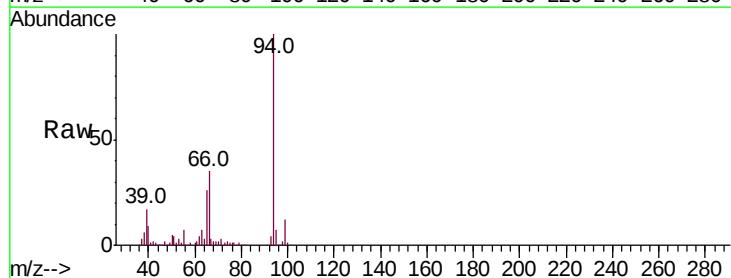


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 105.00 (104.70 to 105.70): BF1
Ion 106.00 (105.70 to 106.70): BF1

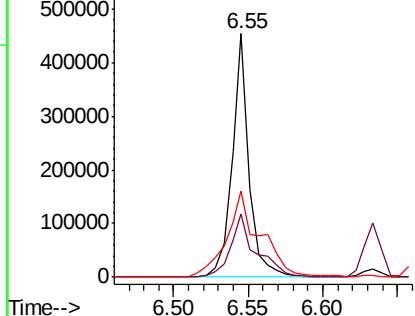
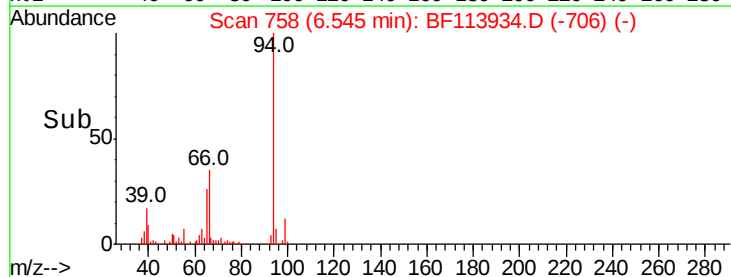


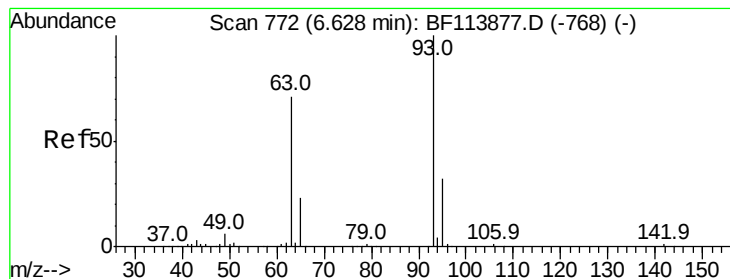
#10
Phenol
Concen: 33.157 ng
RT: 6.55 min Scan# 757
Delta R.T. 0.01 min
Lab File: BF113934.D
Acq: 23 Apr 2019 21:25

Tgt Ion: 94 Resp: 361848
Ion Ratio Lower Upper
94 100
65 25.8 8.1 48.1
66 35.3 16.6 56.6



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: 42.474 ng

RT: 6.63 min Scan# 773

Delta R.T. 0.01 min

Lab File: BF113934.D

Acq: 23 Apr 2019 21:25

Instrument :

BNA_F

ClientSampleId :

TR-05-042219MSD

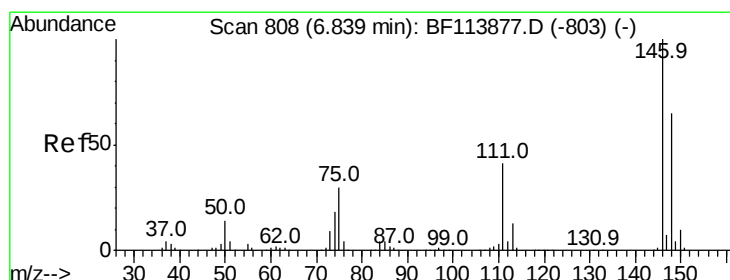
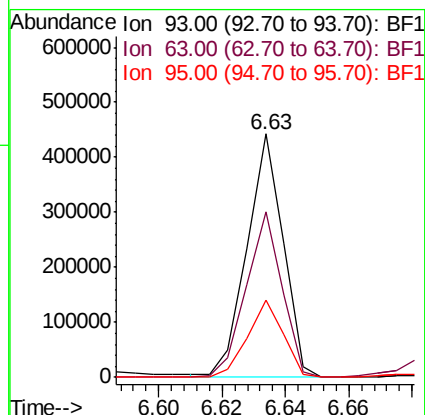
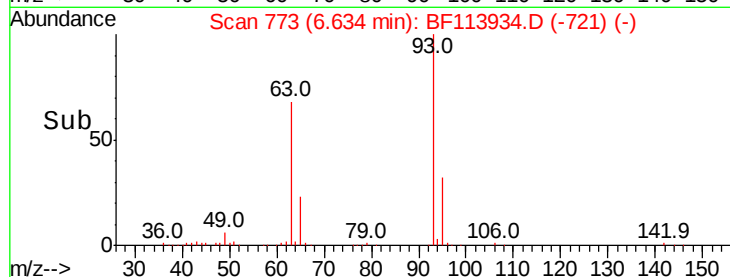
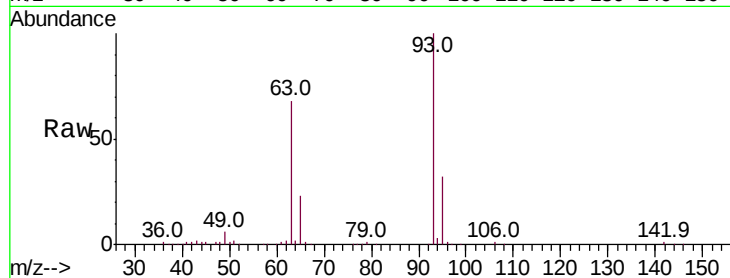
Tot Ion: 93 Resp: 348814

Ion Ratio Lower Upper

93 100

63 68.2 50.7 90.7

95 32.0 12.3 52.3



#12

1,3-Dichlorobenzene

Concen: 41.183 ng

RT: 6.85 min Scan# 809

Delta R.T. 0.01 min

Lab File: BF113934.D

Acq: 23 Apr 2019 21:25

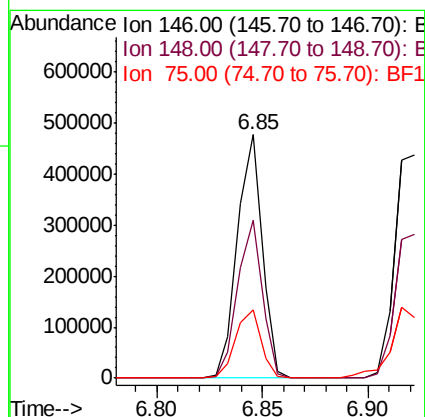
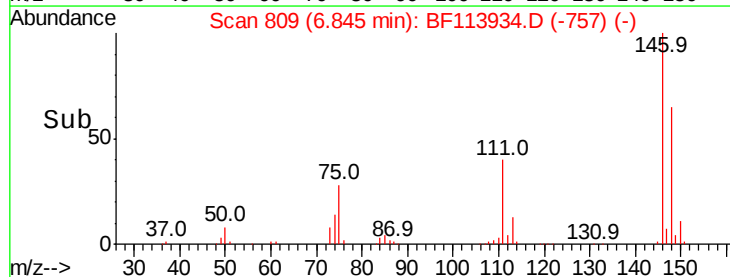
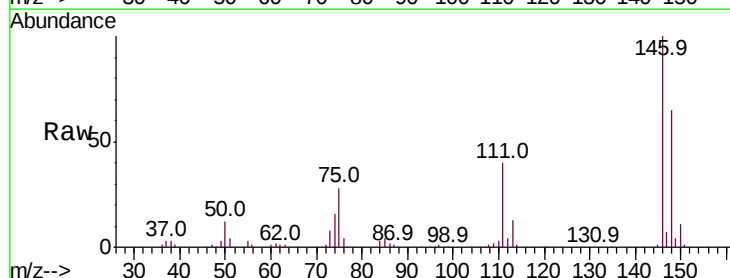
Tgt Ion: 146 Resp: 387367

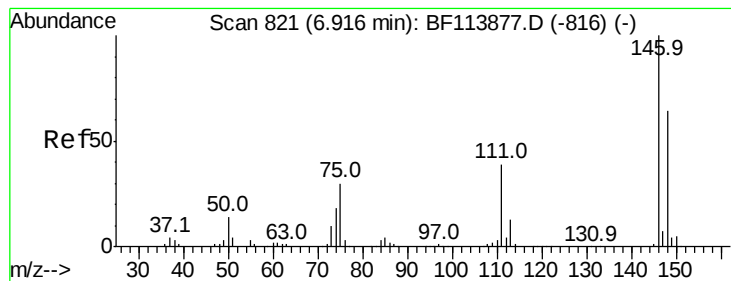
Ion Ratio Lower Upper

146 100

148 64.8 51.0 76.6

75 28.2 23.8 35.8





#13

1,4-Dichlorobenzene

Concen: 41.369 ng

RT: 6.92 min Scan# 822

Delta R.T. 0.01 min

Lab File: BF113934.D

Acq: 23 Apr 2019 21:25

Instrument :

BNA_F

ClientSampleId :

TR-05-042219MSD

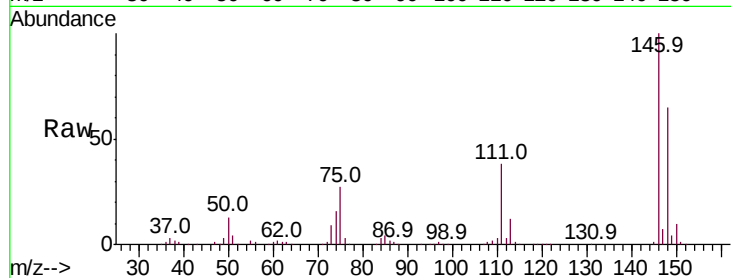
Tot Ion:146 Resp: 391378

Ion Ratio Lower Upper

146 100

148 64.8 51.8 77.8

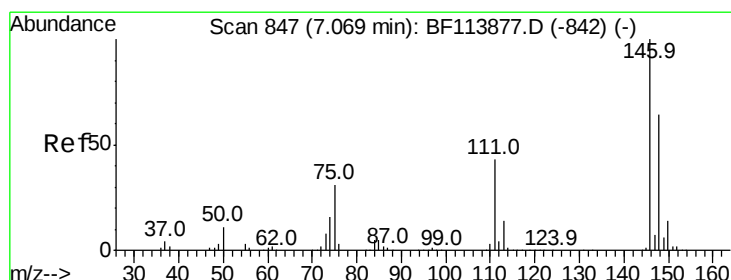
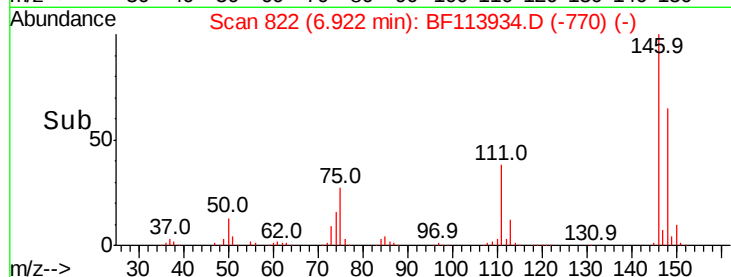
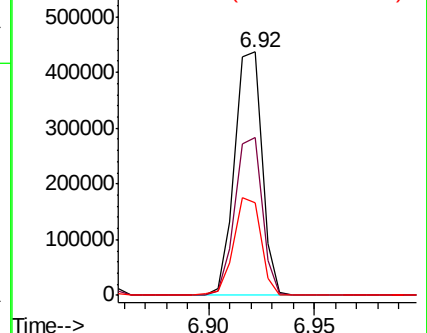
111 37.8 30.9 46.3



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 41.942 ng

RT: 7.07 min Scan# 848

Delta R.T. 0.01 min

Lab File: BF113934.D

Acq: 23 Apr 2019 21:25

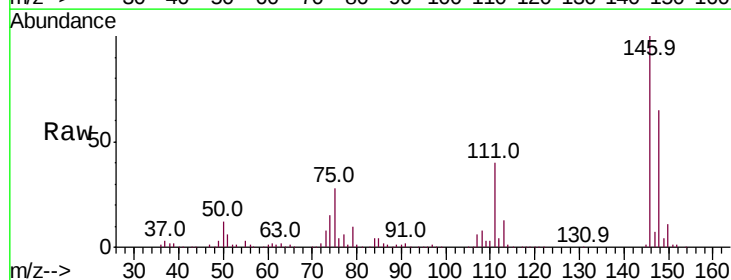
Tgt Ion:146 Resp: 364669

Ion Ratio Lower Upper

146 100

148 65.0 52.1 78.1

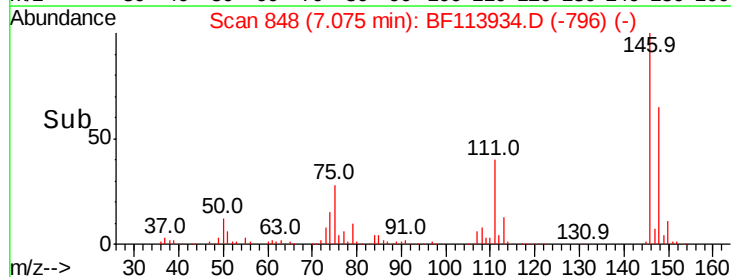
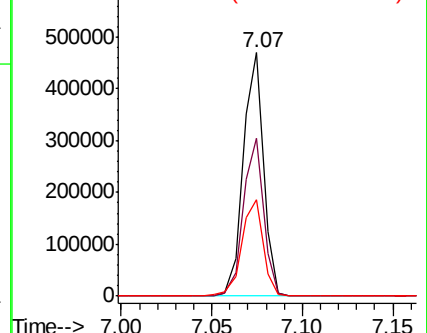
111 39.5 34.2 51.4

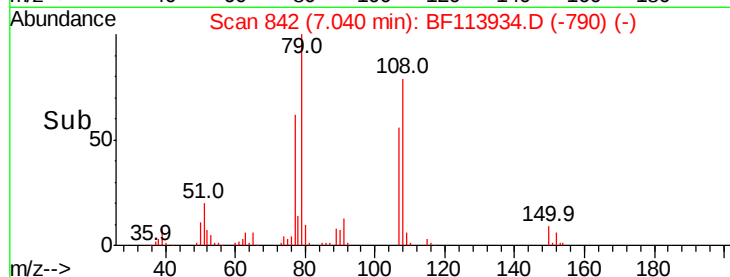
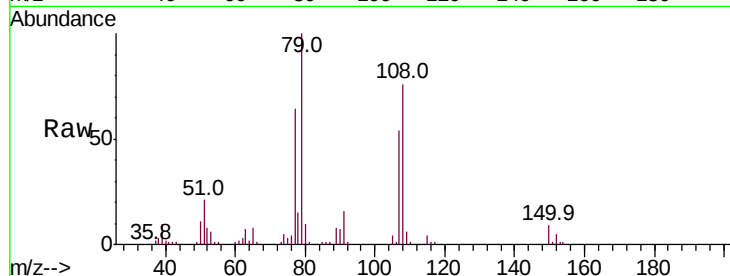
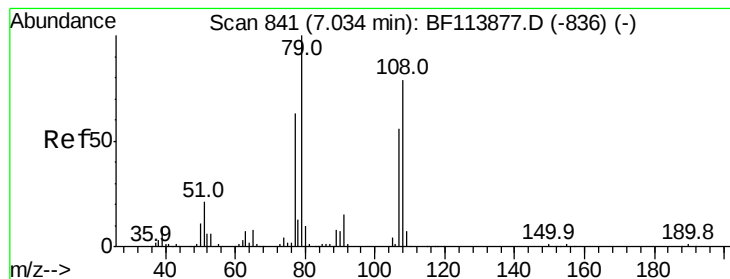


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 43.757 ng

RT: 7.04 min Scan# 842

Delta R.T. 0.01 min

Lab File: BF113934.D

Acq: 23 Apr 2019 21:25

Instrument :

BNA_F

ClientSampleId :

TR-05-042219MSD

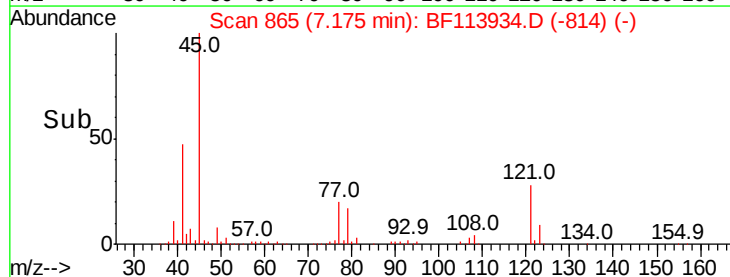
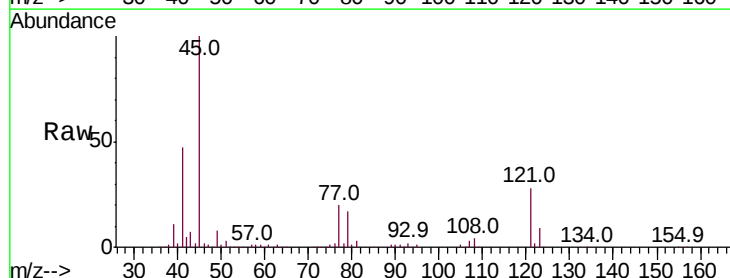
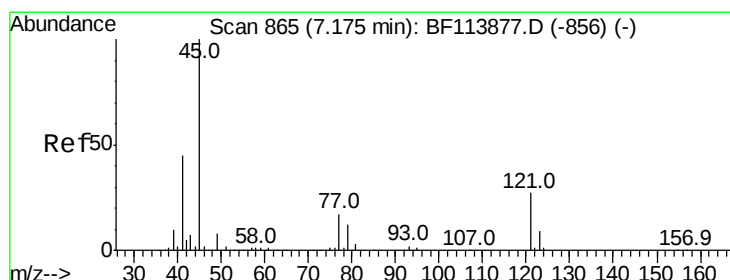
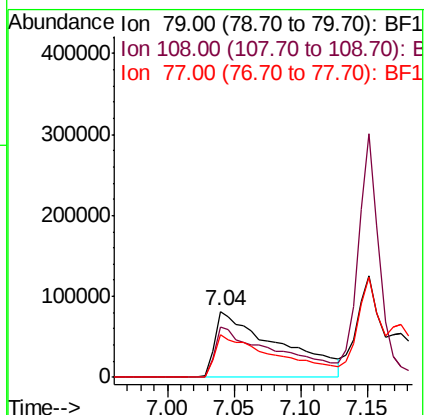
Tot Ion: 79 Resp: 268962

Ion Ratio Lower Upper

79 100

108 76.5 61.4 92.0

77 64.4 51.6 77.4



#16

2,2'-oxybis(1-Chloropropane)

Concen: 41.009 ng

RT: 7.17 min Scan# 865

Delta R.T. 0.00 min

Lab File: BF113934.D

Acq: 23 Apr 2019 21:25

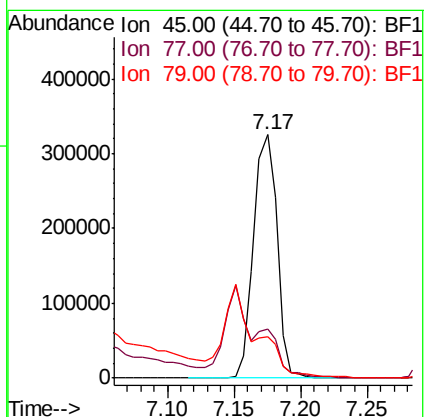
Tgt Ion: 45 Resp: 393140

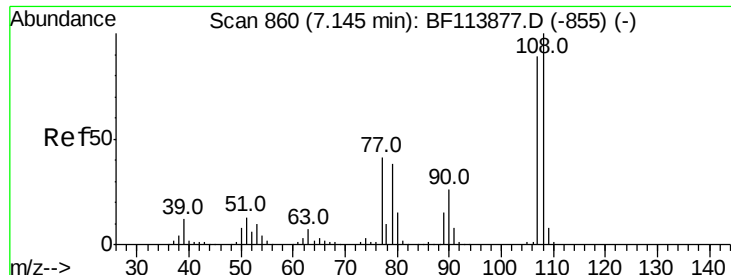
Ion Ratio Lower Upper

45 100

77 20.2 0.0 37.0

79 16.9 0.0 32.7

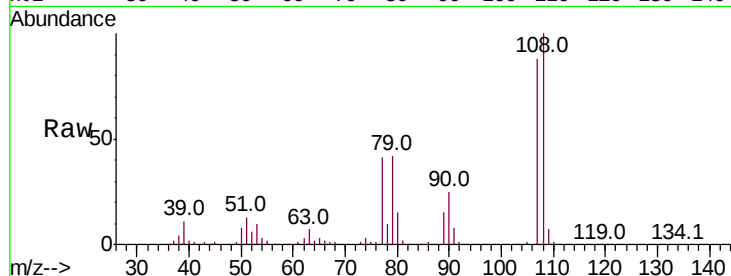




#17
2-Methylphenol
Concen: 40.994 ng
RT: 7.15 min Scan# 861
Delta R.T. 0.01 min
Lab File: BF113934.D
Acq: 23 Apr 2019 21:25

Instrument :
BNA_F
ClientSampleId :
TR-05-042219MSD

Tot Ion	Ratio	Lower	Upper
107	100		
108	113.1	91.5	137.3
77	46.7	36.2	54.4
79	47.3	35.4	53.0



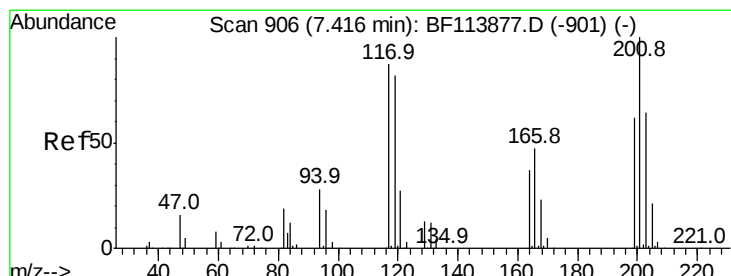
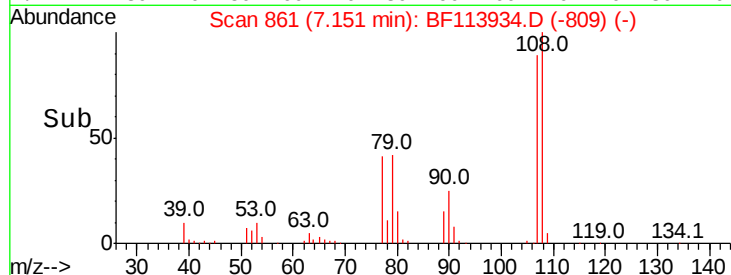
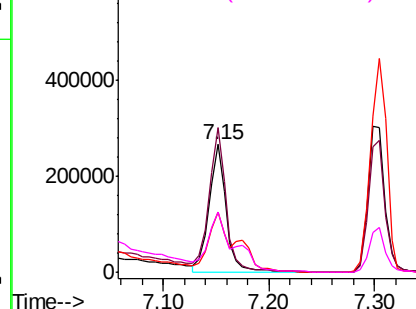
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

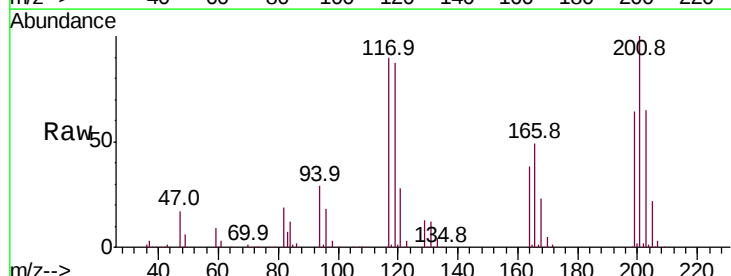
Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18
Hexachloroethane
Concen: 37.469 ng
RT: 7.42 min Scan# 906
Delta R.T. 0.00 min
Lab File: BF113934.D
Acq: 23 Apr 2019 21:25

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.2	74.4	111.6
201	110.8	90.2	135.2

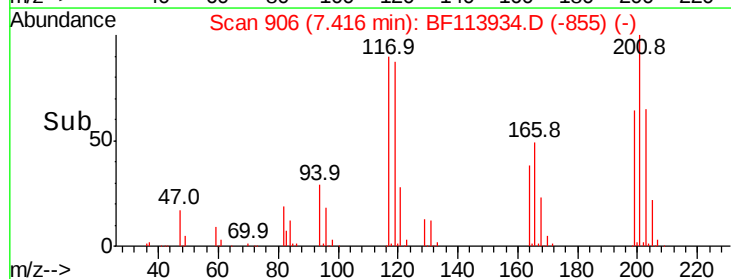
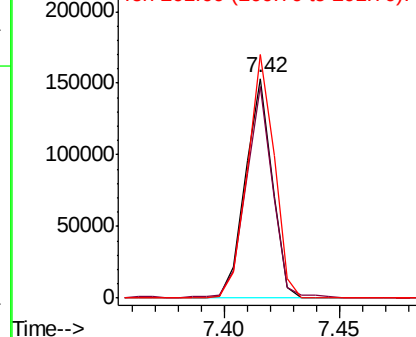


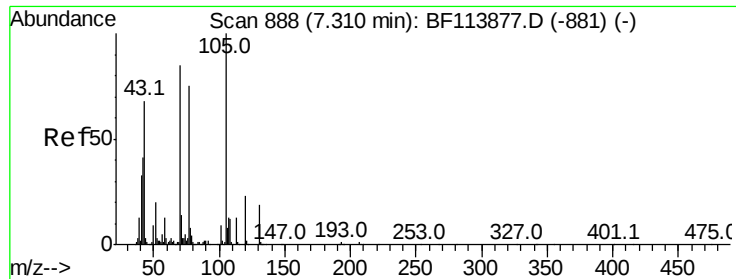
Abundance

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

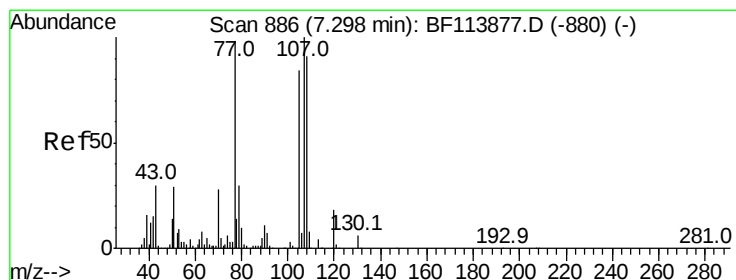
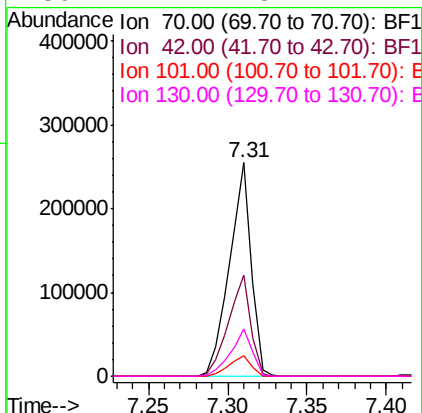
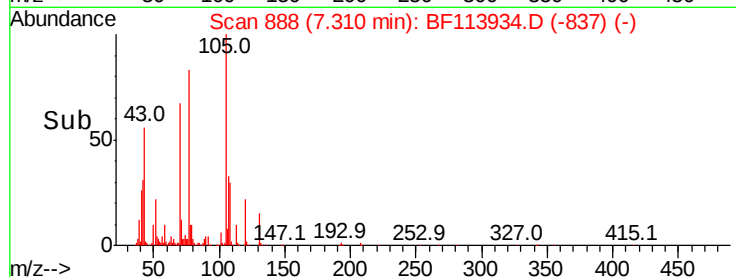
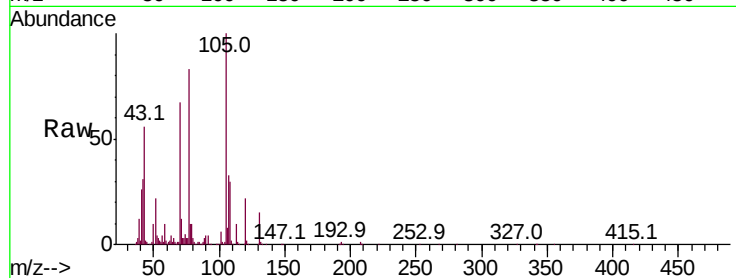




#19
n-Nitroso-di-n-propylamine
Concen: 41.264 ng
RT: 7.31 min Scan# 888
Delta R.T. 0.00 min
Lab File: BF113934.D
Acq: 23 Apr 2019 21:25

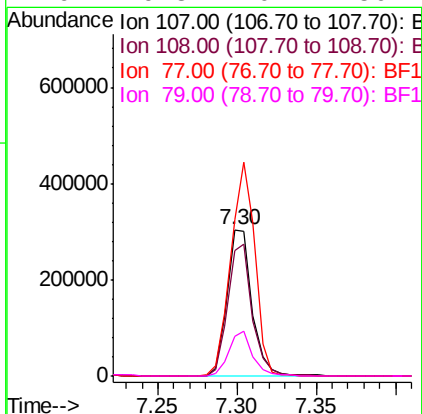
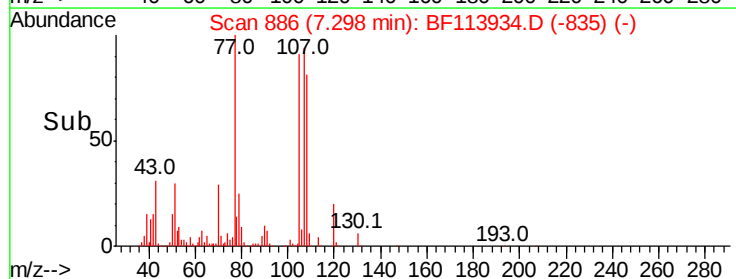
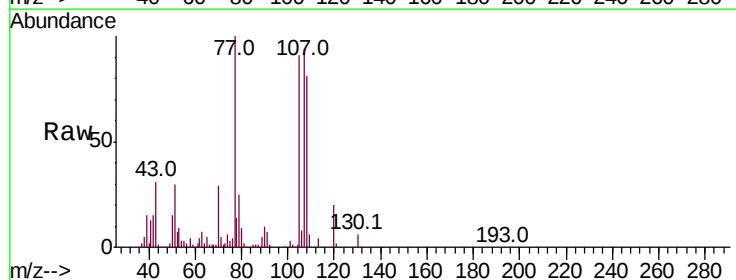
Instrument :
BNA_F
ClientSampleId :
TR-05-042219MSD

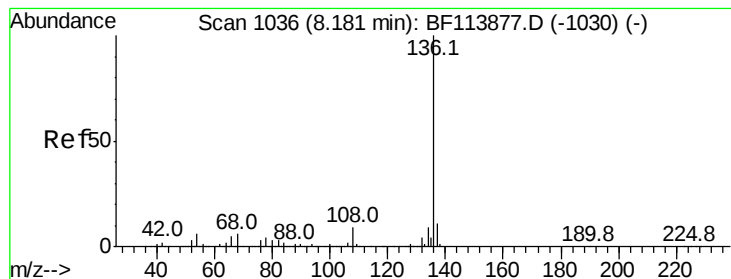
Tot Ion:	70	Resp:	243878
Ion	Ratio	Lower	Upper
70	100		
42	47.2	37.3	55.9
101	9.7	7.8	11.8
130	22.2	18.2	27.2



#20
3+4-Methylphenols
Concen: 40.107 ng
RT: 7.30 min Scan# 886
Delta R.T. 0.00 min
Lab File: BF113934.D
Acq: 23 Apr 2019 21:25

Tgt Ion:	107	Resp:	329884
Ion	Ratio	Lower	Upper
107	100		
108	86.1	70.1	110.1
77	106.7	52.9	92.9#
79	26.8	10.2	50.2





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.18 min Scan# 1036

Delta R.T. 0.00 min

Lab File: BF113934.D

Acq: 23 Apr 2019 21:25

Instrument :

BNA_F

ClientSampleId :

TR-05-042219MSD

Tot Ion:136 Resp: 428924

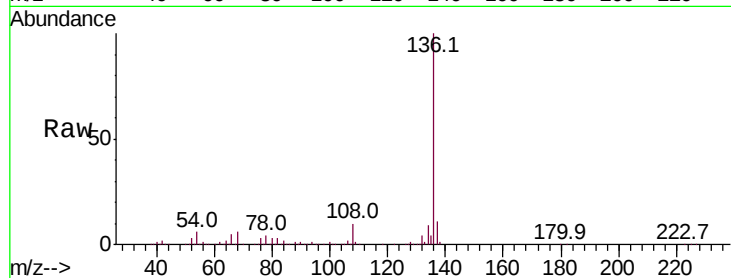
Ion Ratio Lower Upper

136 100

137 11.0 8.6 12.8

54 6.1 5.0 7.6

68 6.3 4.9 7.3

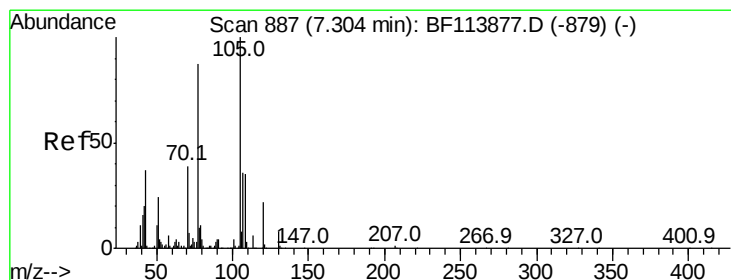
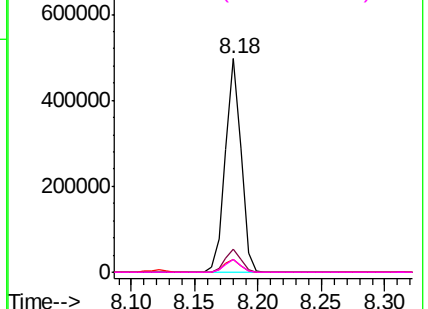
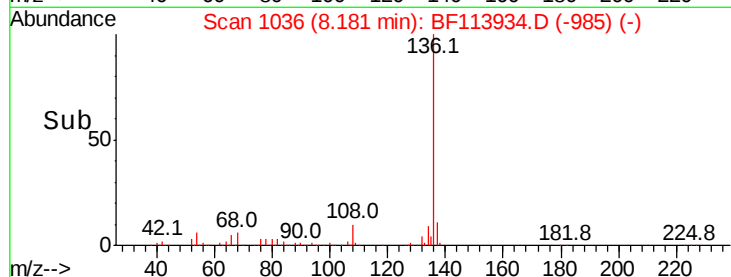


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 50.606 ng

RT: 7.30 min Scan# 887

Delta R.T. 0.00 min

Lab File: BF113934.D

Acq: 23 Apr 2019 21:25

Tgt Ion:105 Resp: 483031

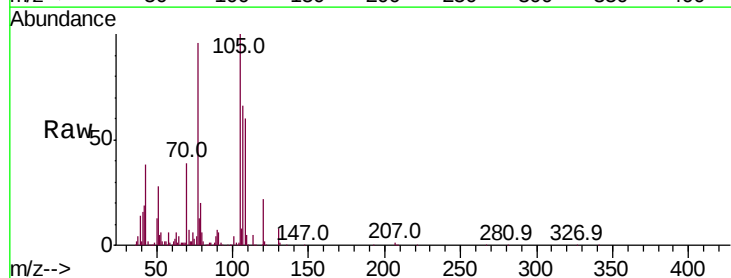
Ion Ratio Lower Upper

105 100

71 6.6 6.1 9.1

51 27.8 16.8 25.2#

120 21.7 17.6 26.4

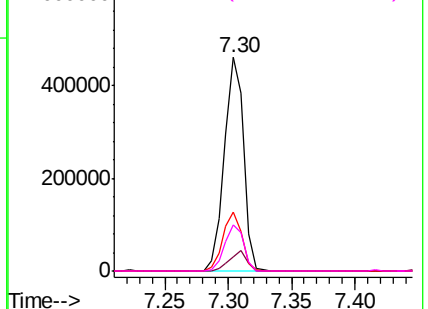
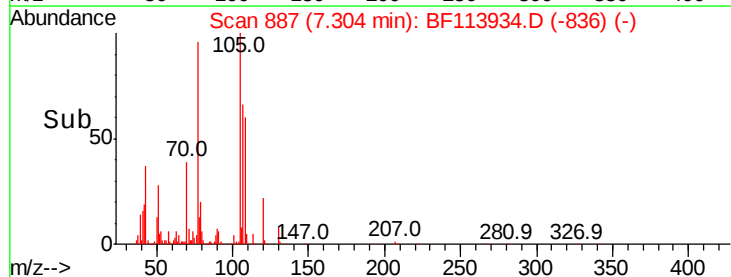


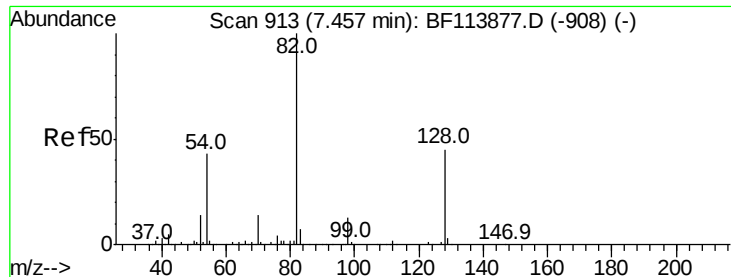
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E





#23

Nitrobenzene-d5

Concen: 96.003 ng

RT: 7.46 min Scan# 913

Delta R.T. 0.00 min

Lab File: BF113934.D

Acq: 23 Apr 2019 21:25

Instrument :

BNA_F

ClientSampleId :

TR-05-042219MSD

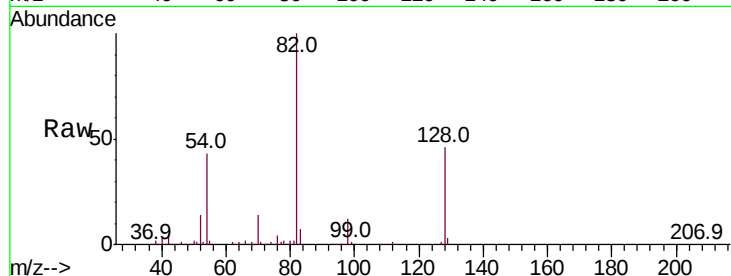
Tot Ion: 82 Resp: 666915

Ion Ratio Lower Upper

82 100

128 45.9 36.8 55.2

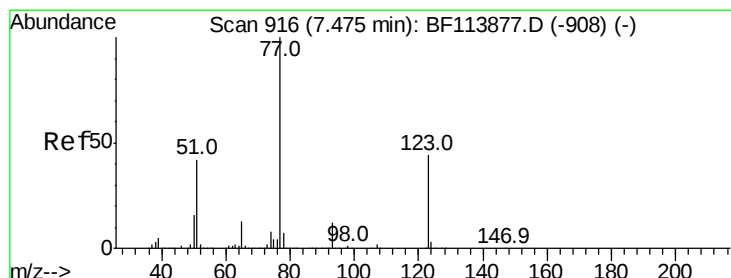
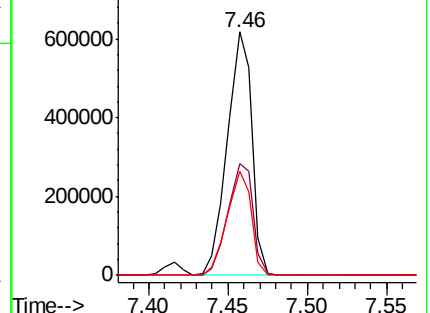
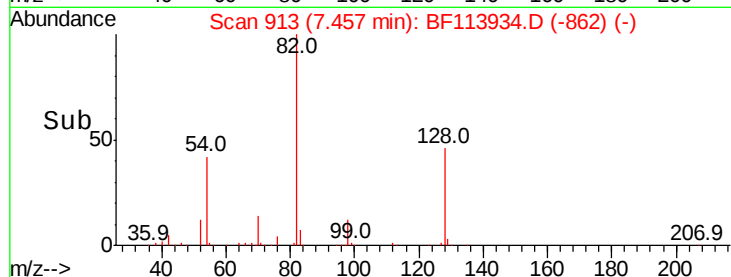
54 42.6 33.8 50.6



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: 48.929 ng

RT: 7.47 min Scan# 916

Delta R.T. 0.00 min

Lab File: BF113934.D

Acq: 23 Apr 2019 21:25

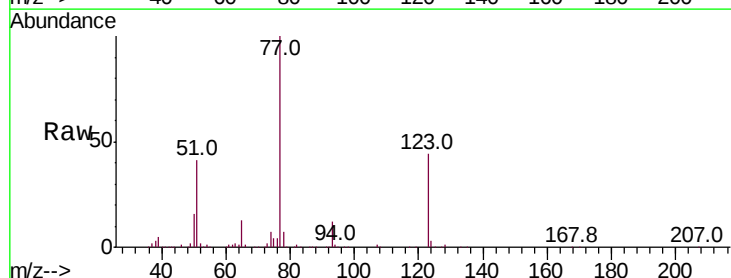
Tgt Ion: 77 Resp: 375579

Ion Ratio Lower Upper

77 100

123 43.6 36.3 54.5

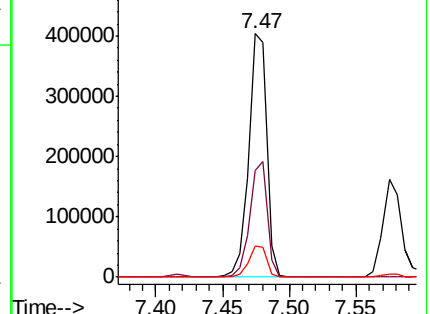
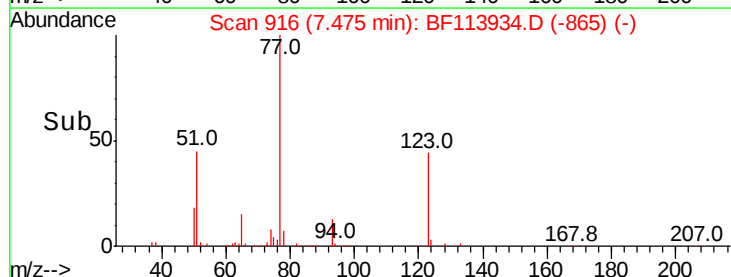
65 12.7 10.3 15.5

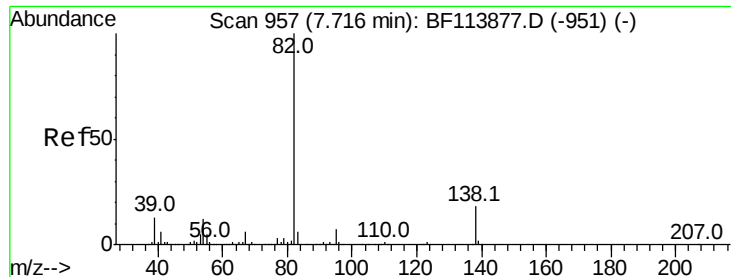


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 123.00 (122.70 to 123.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 46.285 ng

RT: 7.72 min Scan# 957

Delta R.T. 0.00 min

Lab File: BF113934.D

Acq: 23 Apr 2019 21:25

Instrument :

BNA_F

ClientSampleId :

TR-05-042219MSD

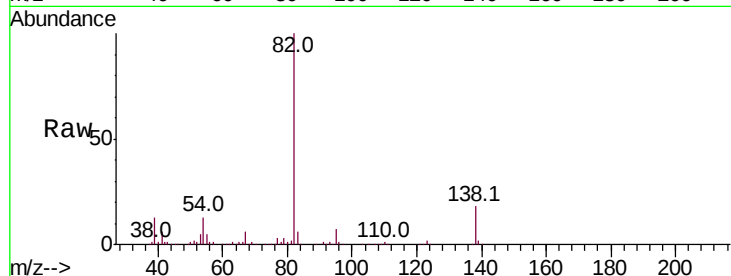
Tot Ion: 82 Resp: 657910

Ion Ratio Lower Upper

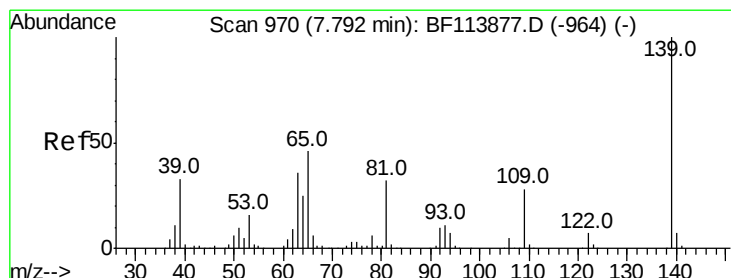
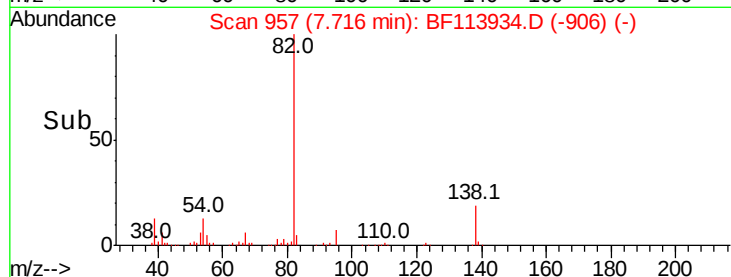
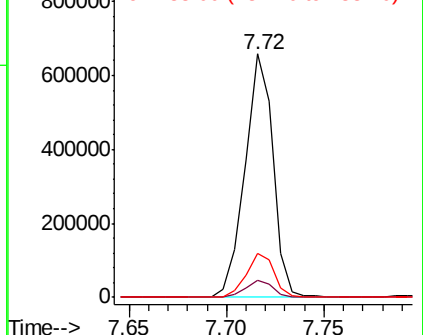
82 100

95 6.7 5.4 8.2

138 17.9 14.6 22.0



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



#26

2-Nitrophenol

Concen: 49.471 ng

RT: 7.79 min Scan# 970

Delta R.T. 0.00 min

Lab File: BF113934.D

Acq: 23 Apr 2019 21:25

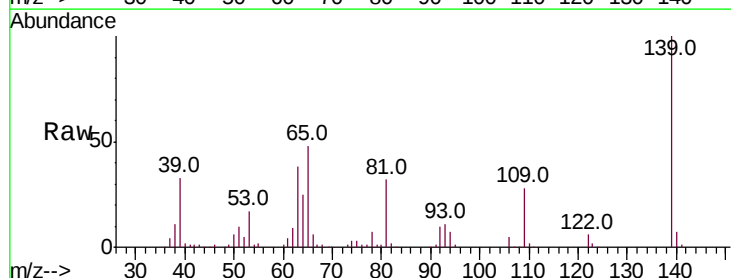
Tgt Ion:139 Resp: 173238

Ion Ratio Lower Upper

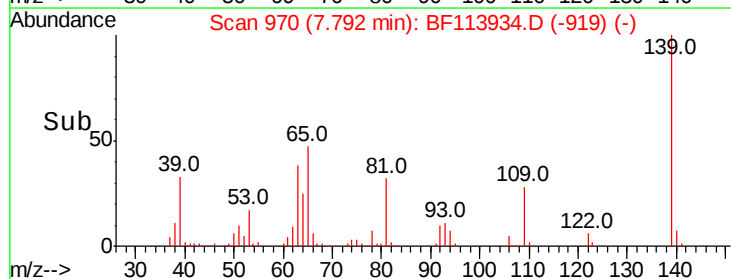
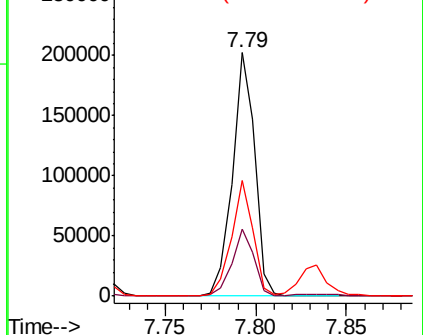
139 100

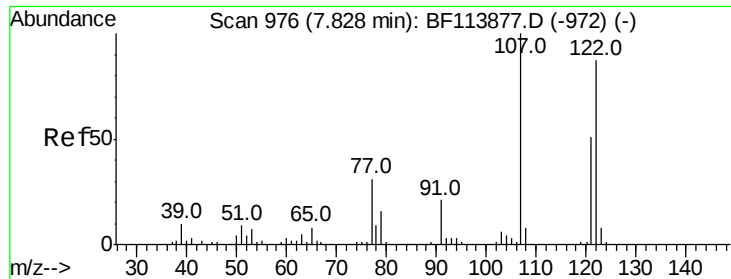
109 27.6 20.6 31.0

65 47.5 34.6 52.0



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

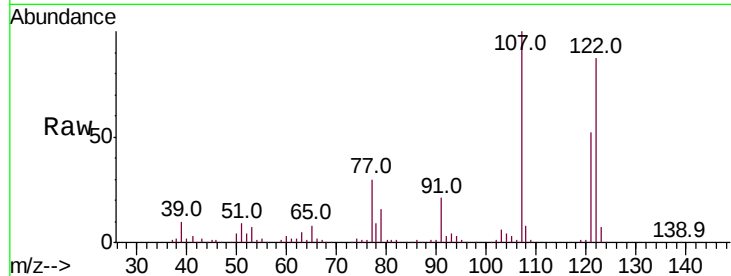




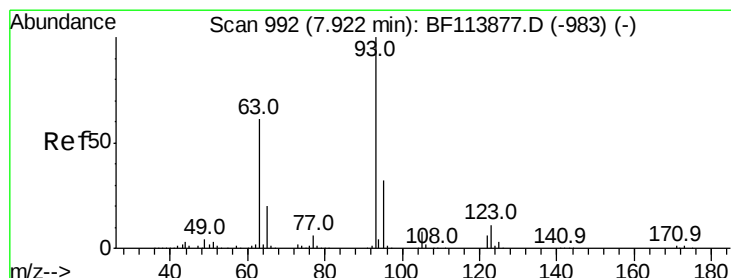
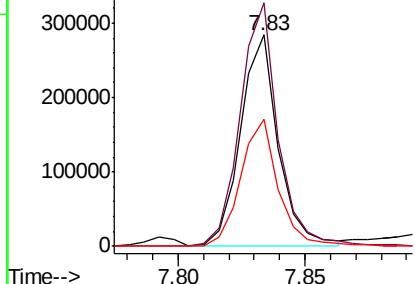
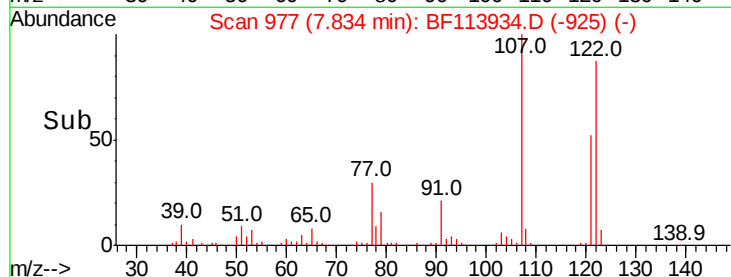
#27
2,4-Dimethylphenol
Concen: 51.524 ng
RT: 7.83 min Scan# 977
Delta R.T. 0.01 min
Lab File: BF113934.D
Acq: 23 Apr 2019 21:25

Instrument :
BNA_F
ClientSampleId :
TR-05-042219MSD

Tot Ion:122 Resp: 293963
Ion Ratio Lower Upper
122 100
107 115.3 91.2 136.8
121 60.5 46.4 69.6

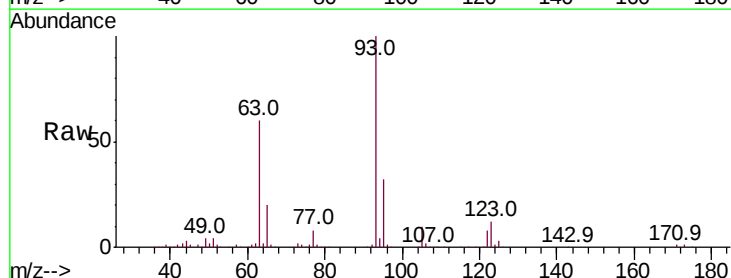


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

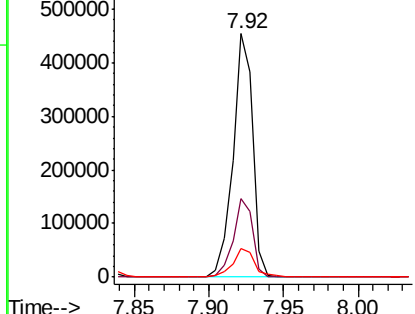
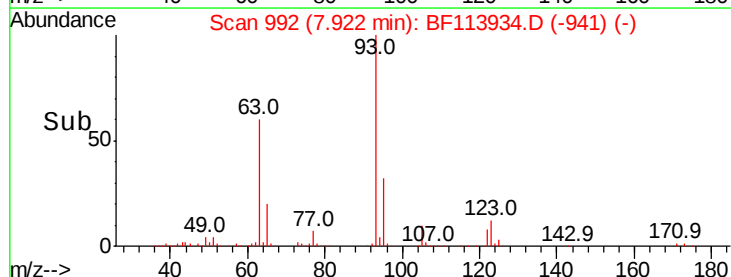


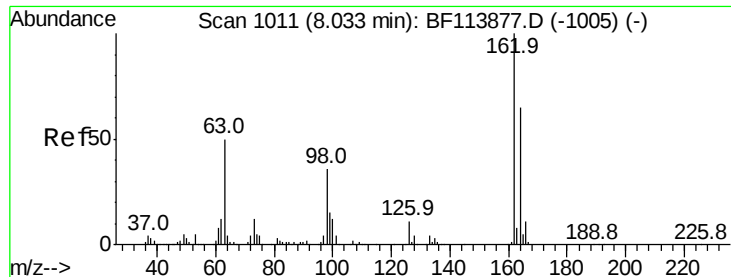
#28
bis(2-Chloroethoxy)methane
Concen: 46.787 ng
RT: 7.92 min Scan# 992
Delta R.T. 0.00 min
Lab File: BF113934.D
Acq: 23 Apr 2019 21:25

Tgt Ion: 93 Resp: 423782
Ion Ratio Lower Upper
93 100
95 32.1 25.8 38.6
123 11.8 9.0 13.6



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: 45.703 ng

RT: 8.04 min Scan# 1012

Delta R.T. 0.01 min

Lab File: BF113934.D

Acq: 23 Apr 2019 21:25

Instrument :

BNA_F

ClientSampleId :

TR-05-042219MSD

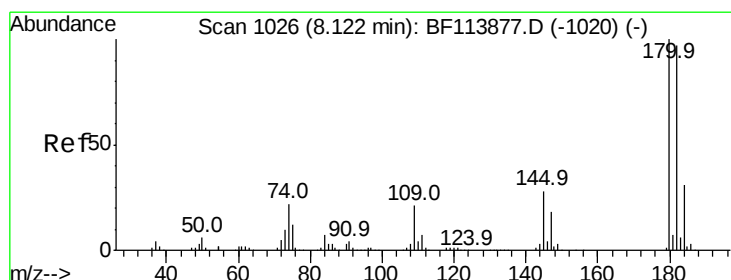
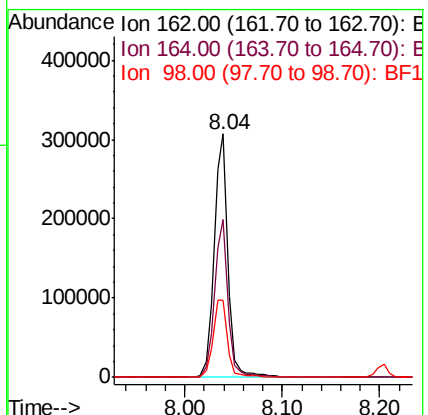
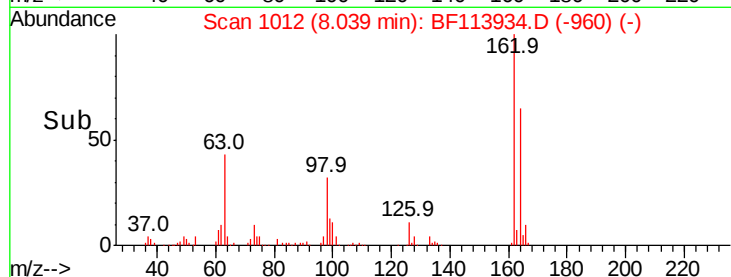
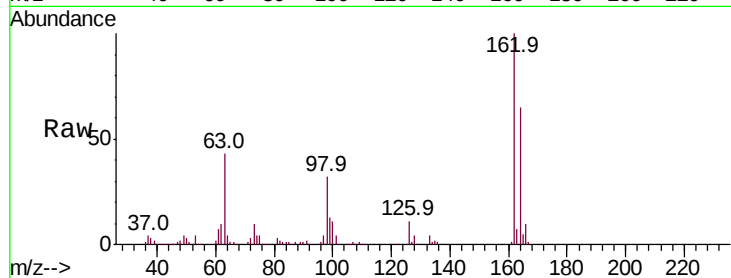
Tot Ion:162 Resp: 298176

Ion Ratio Lower Upper

162 100

164 64.8 43.7 83.7

98 31.8 15.5 55.5



#30

1,2,4-Trichlorobenzene

Concen: 46.130 ng

RT: 8.12 min Scan# 1026

Delta R.T. 0.00 min

Lab File: BF113934.D

Acq: 23 Apr 2019 21:25

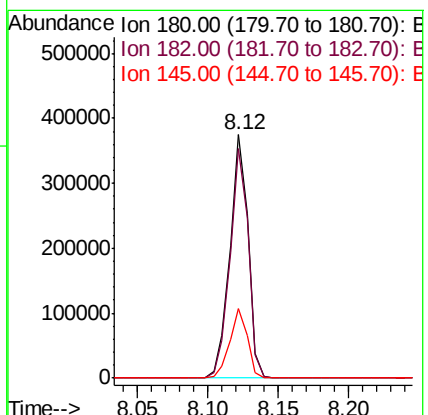
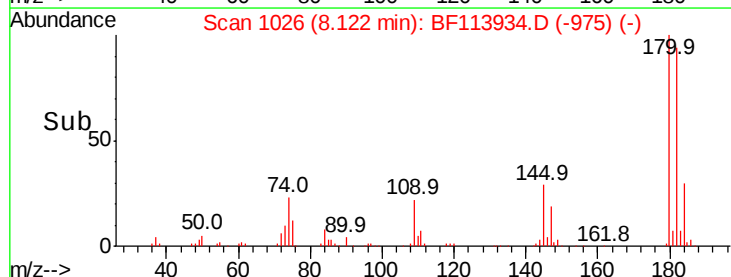
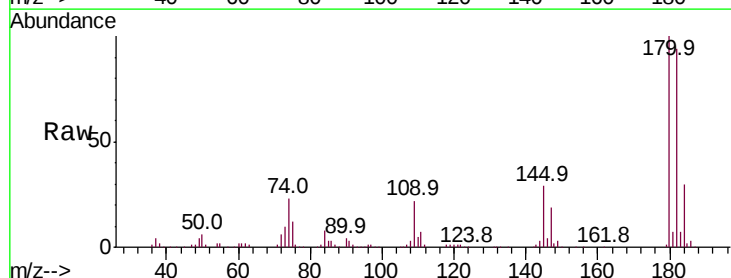
Tgt Ion:180 Resp: 335577

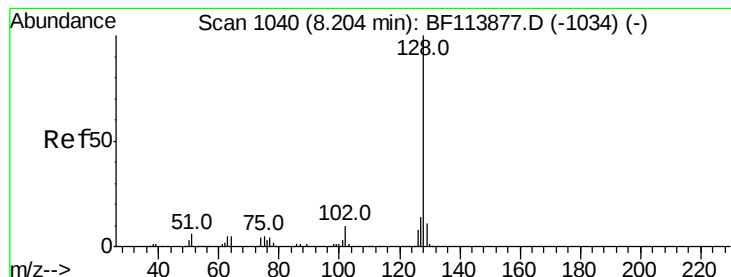
Ion Ratio Lower Upper

180 100

182 94.1 75.4 113.0

145 28.6 23.0 34.4





#31

Naphthalene

Concen: 47.327 ng

RT: 8.20 min Scan# 1040

Delta R.T. 0.00 min

Lab File: BF113934.D

Acq: 23 Apr 2019 21:25

Instrument :

BNA_F

ClientSampleId :

TR-05-042219MSD

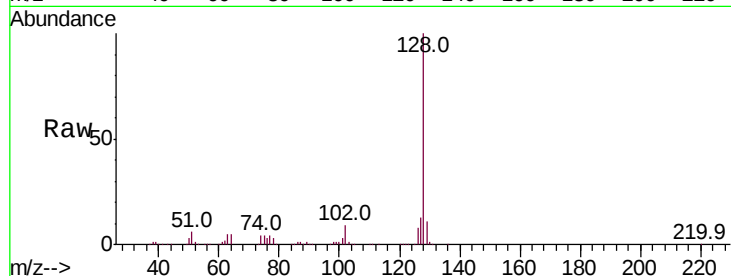
Tot Ion:128 Resp: 964342

Ion Ratio Lower Upper

128 100

129 11.2 9.4 14.0

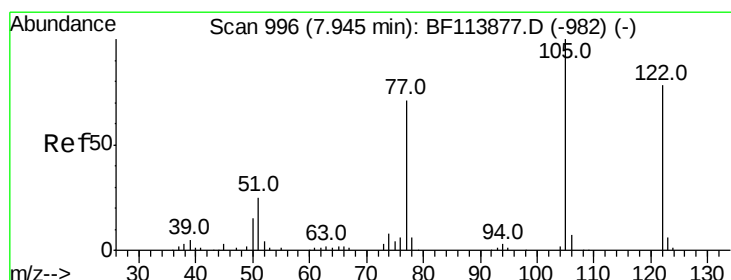
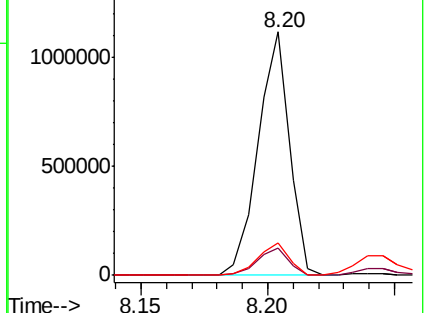
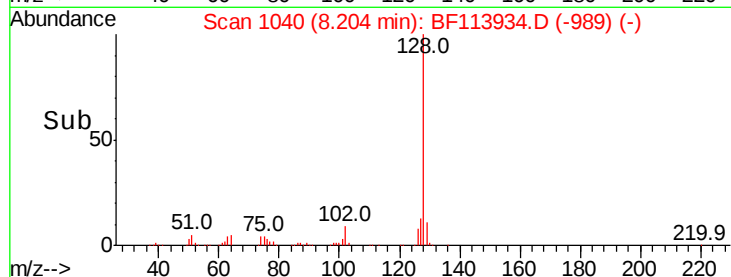
127 13.3 10.8 16.2



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 35.010 ng

RT: 7.94 min Scan# 995

Delta R.T. -0.01 min

Lab File: BF113934.D

Acq: 23 Apr 2019 21:25

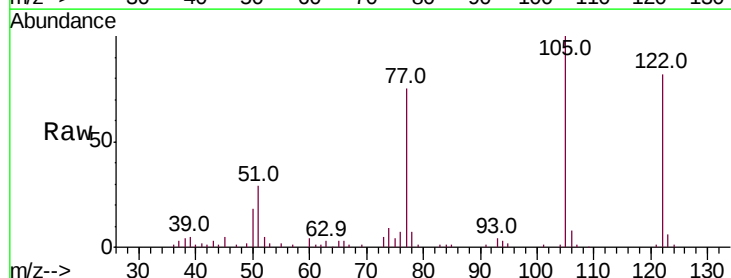
Tgt Ion:122 Resp: 134890

Ion Ratio Lower Upper

122 100

105 122.1 104.3 144.3

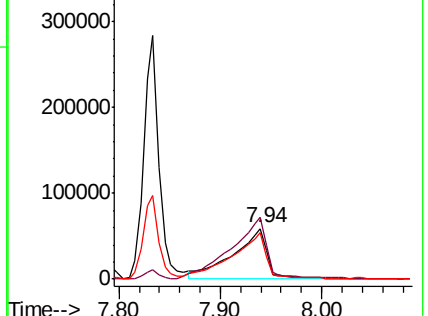
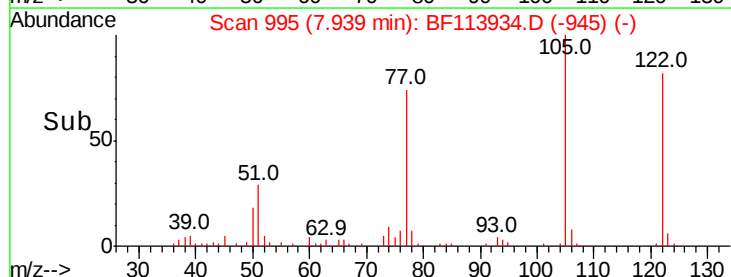
77 92.1 70.4 110.4

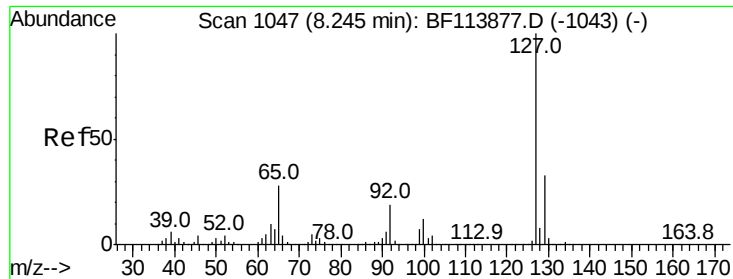


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

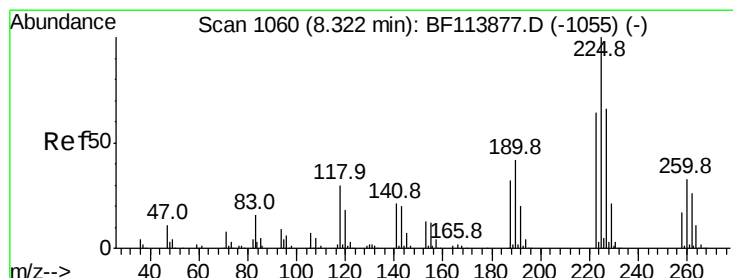
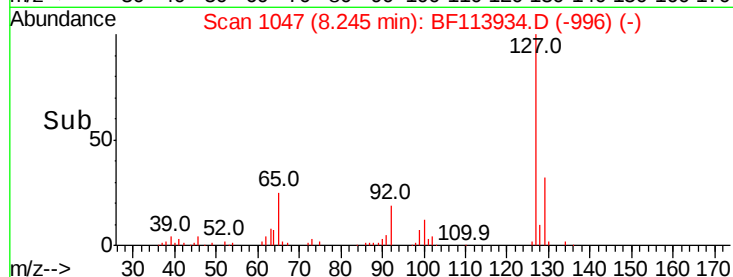
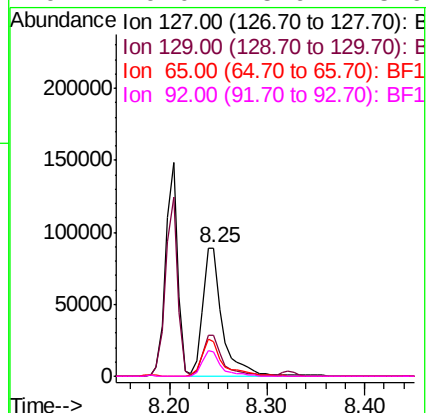
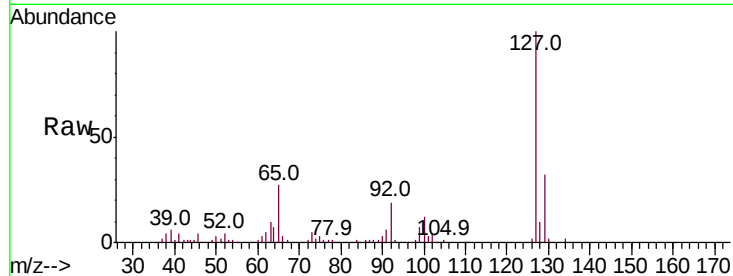




#33
4-Chloroaniline
Concen: 14.540 ng
RT: 8.25 min Scan# 1047
Delta R.T. 0.00 min
Lab File: BF113934.D
Acq: 23 Apr 2019 21:25

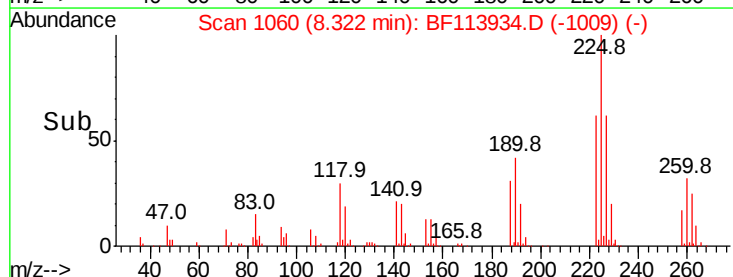
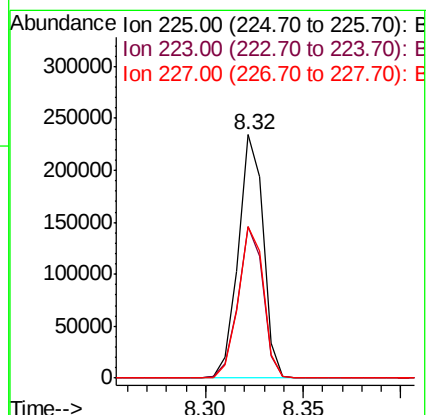
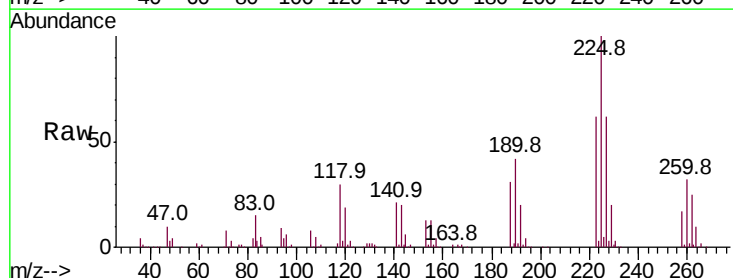
Instrument :
BNA_F
ClientSampleId :
TR-05-042219MSD

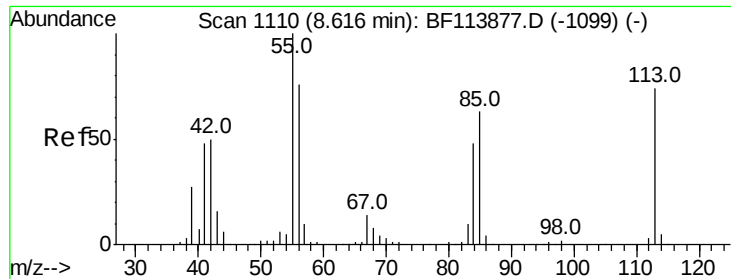
Tot Ion:	127	Resp:	125365
Ion	Ratio	Lower	Upper
127	100		
129	32.3	26.4	39.6
65	26.8	24.9	37.3
92	19.0	15.9	23.9



#34
Hexachlorobutadiene
Concen: 45.920 ng
RT: 8.32 min Scan# 1060
Delta R.T. 0.00 min
Lab File: BF113934.D
Acq: 23 Apr 2019 21:25

Tgt Ion:	225	Resp:	208242
Ion	Ratio	Lower	Upper
225	100		
223	62.1	51.1	76.7
227	62.4	49.9	74.9

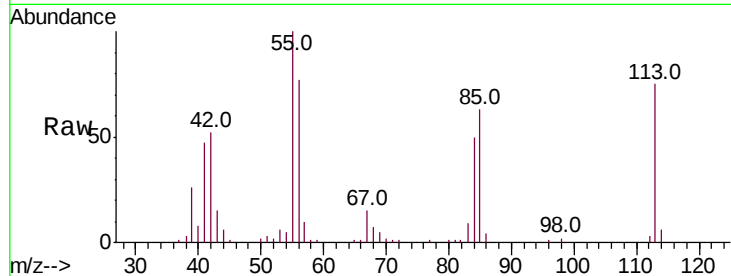




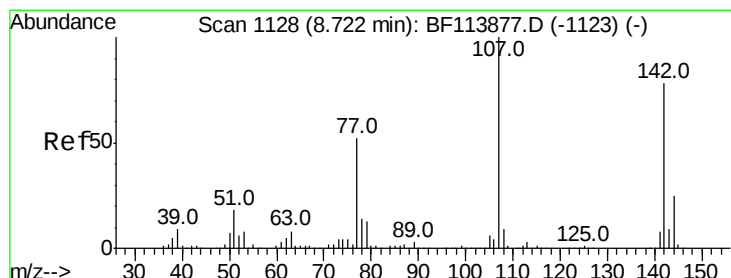
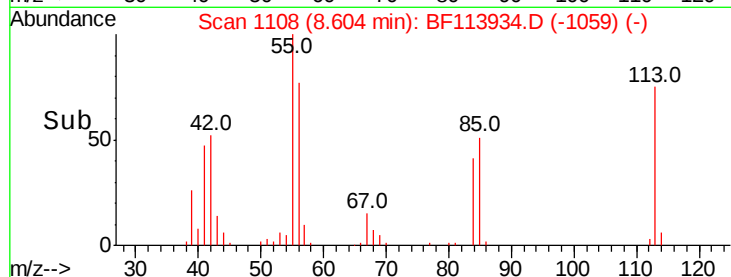
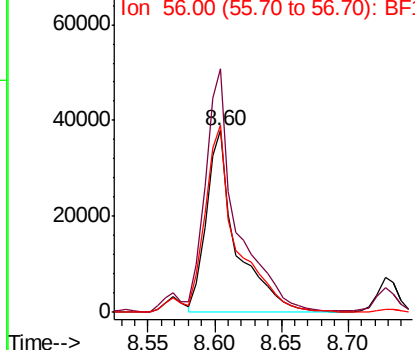
#35
Caprolactam
Concen: 28.690 ng
RT: 8.60 min Scan# 1108
Delta R.T. -0.01 min
Lab File: BF113934.D
Acq: 23 Apr 2019 21:25

Instrument :
BNA_F
ClientSampleId :
TR-05-042219MSD

Tot Ion:113 Resp: 59544
Ion Ratio Lower Upper
113 100
55 134.1 128.6 168.6
56 102.9 91.9 131.9

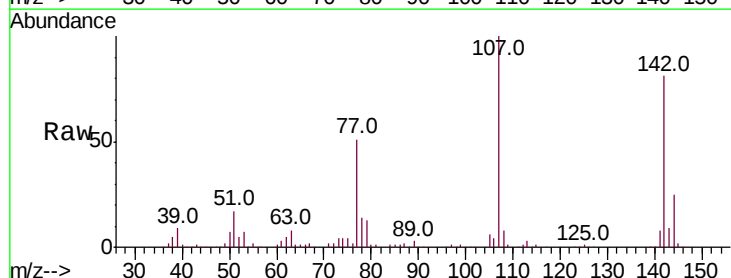


Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF1
Ion 56.00 (55.70 to 56.70): BF1

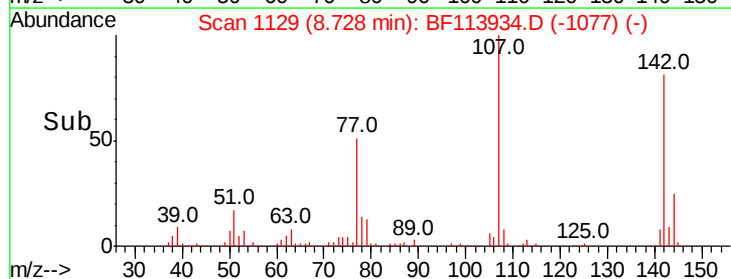
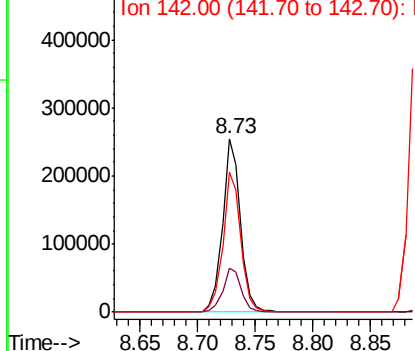


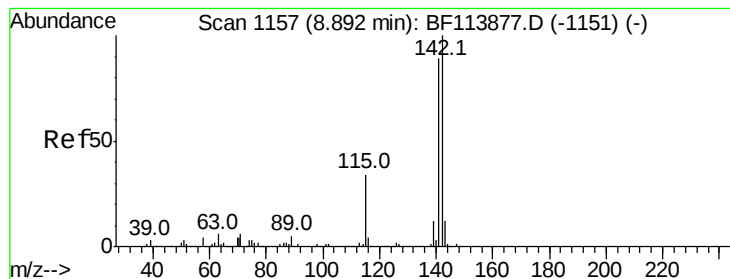
#36
4-Chloro-3-methylphenol
Concen: 42.230 ng
RT: 8.73 min Scan# 1129
Delta R.T. 0.01 min
Lab File: BF113934.D
Acq: 23 Apr 2019 21:25

Tgt Ion:107 Resp: 272962
Ion Ratio Lower Upper
107 100
144 25.4 20.5 30.7
142 80.8 64.2 96.4



Abundance Ion 107.00 (106.70 to 107.70): E
Ion 144.00 (143.70 to 144.70): E
Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 45.552 ng

RT: 8.89 min Scan# 1157

Delta R.T. 0.00 min

Lab File: BF113934.D

Acq: 23 Apr 2019 21:25

Instrument :

BNA_F

ClientSampleId :

TR-05-042219MSD

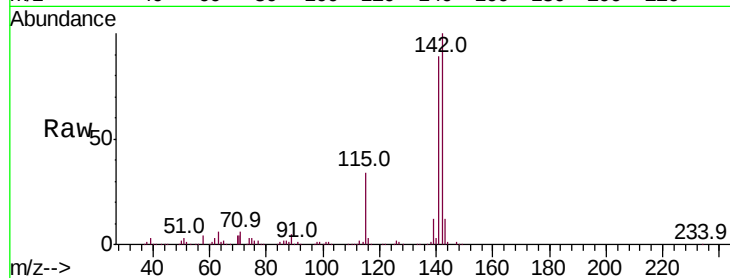
Tot Ion:142 Resp: 625914

Ion Ratio Lower Upper

142 100

141 89.3 70.4 105.6

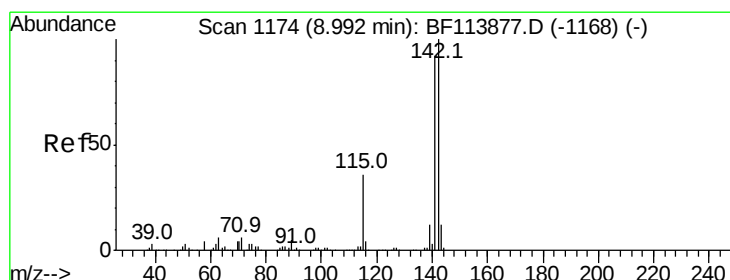
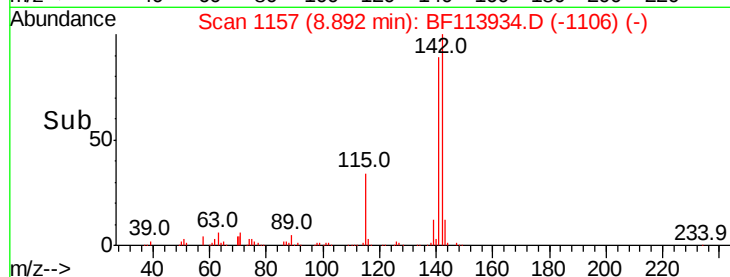
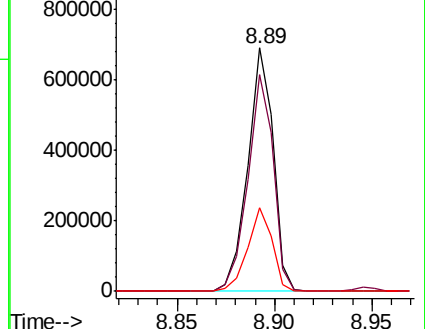
115 34.3 26.3 39.5



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: 44.667 ng

RT: 8.99 min Scan# 1174

Delta R.T. 0.00 min

Lab File: BF113934.D

Acq: 23 Apr 2019 21:25

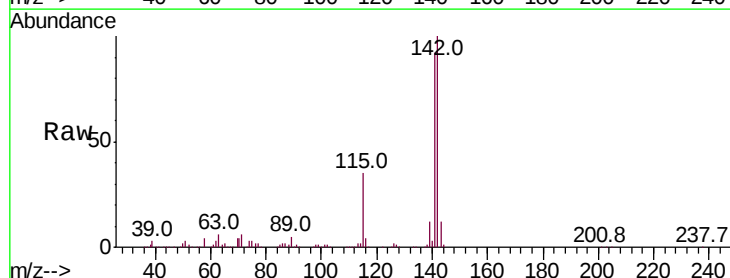
Tgt Ion:142 Resp: 592367

Ion Ratio Lower Upper

142 100

141 92.3 72.3 108.5

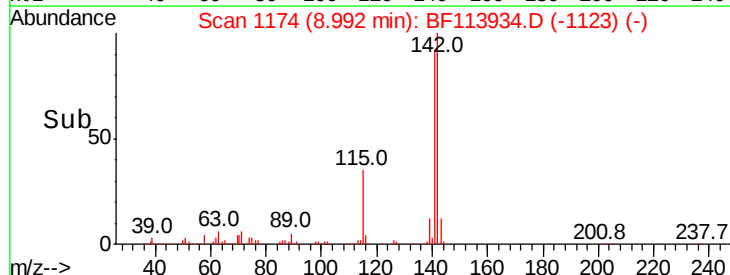
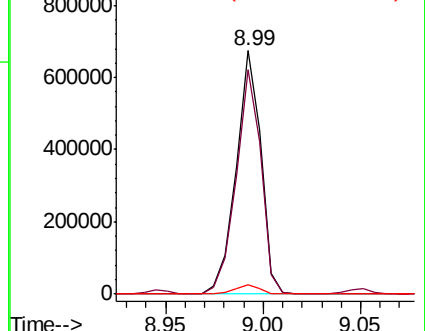
116 3.6 3.0 4.4

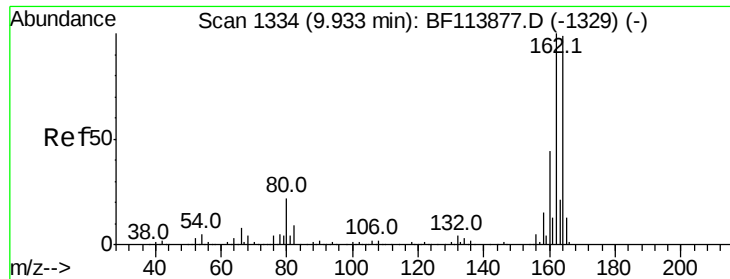


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E

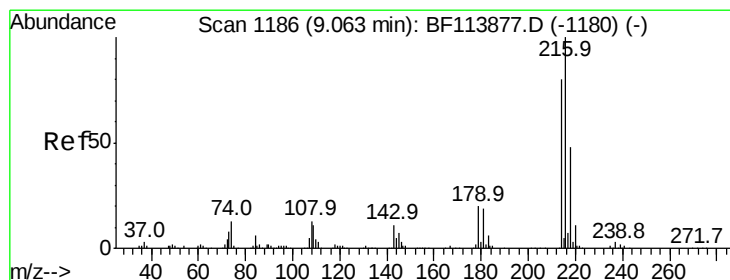
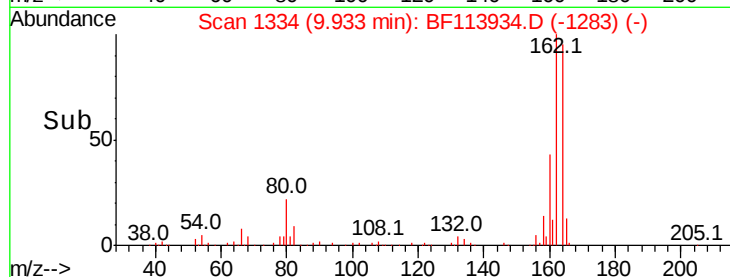
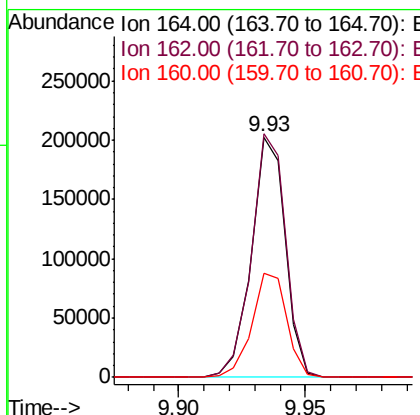
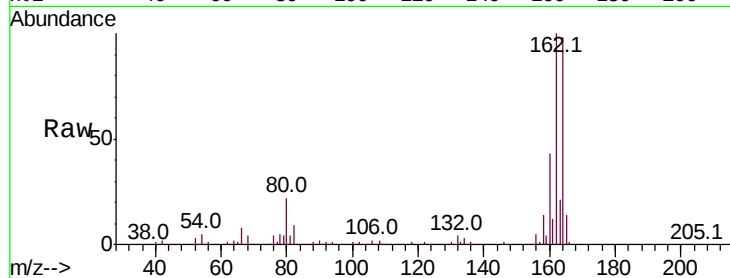




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.93 min Scan# 1334
Delta R.T. 0.00 min
Lab File: BF113934.D
Acq: 23 Apr 2019 21:25

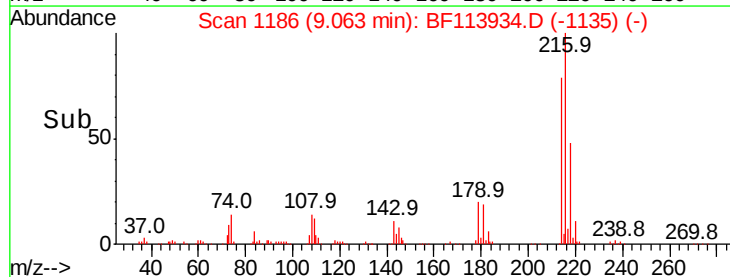
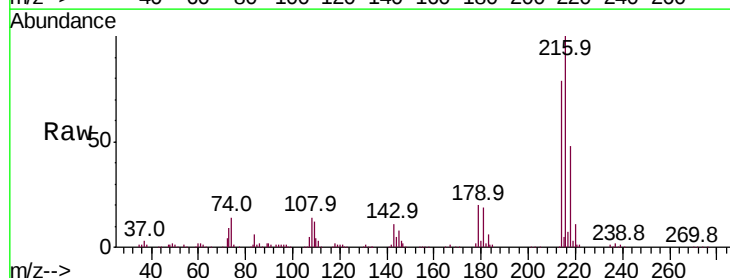
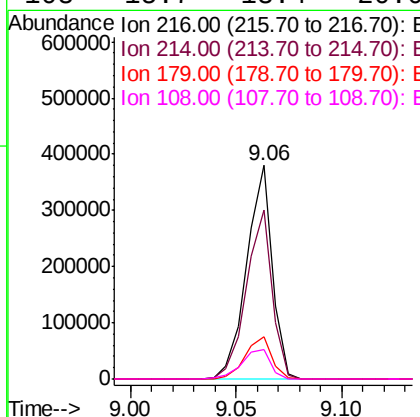
Instrument :
BNA_F
ClientSampleId :
TR-05-042219MSD

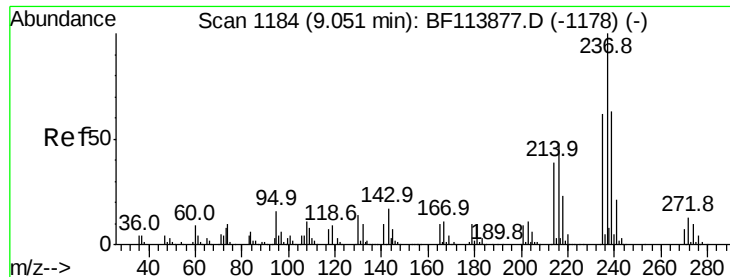
Tot Ion	Ratio	Lower	Upper
164	100		
162	101.6	81.1	121.7
160	43.3	35.8	53.6



#40
1,2,4,5-Tetrachlorobenzene
Concen: 52.153 ng
RT: 9.06 min Scan# 1186
Delta R.T. 0.00 min
Lab File: BF113934.D
Acq: 23 Apr 2019 21:25

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.7	63.5	95.3
179	20.3	16.1	24.1
108	15.7	13.4	20.0





#41

Hexachlorocyclopentadiene

Concen: 36.529 ng

RT: 9.05 min Scan# 1184

Delta R.T. 0.00 min

Lab File: BF113934.D

Acq: 23 Apr 2019 21:25

Instrument :

BNA_F

ClientSampleId :

TR-05-042219MSD

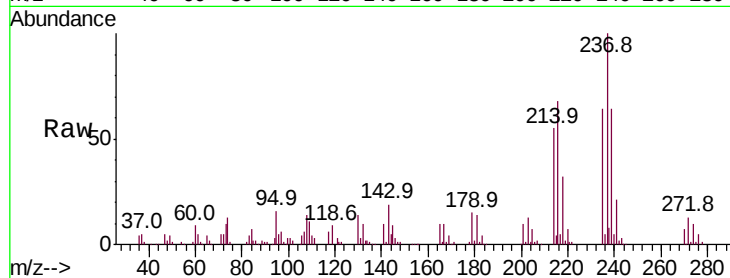
Tot Ion:237 Resp: 125027

Ion Ratio Lower Upper

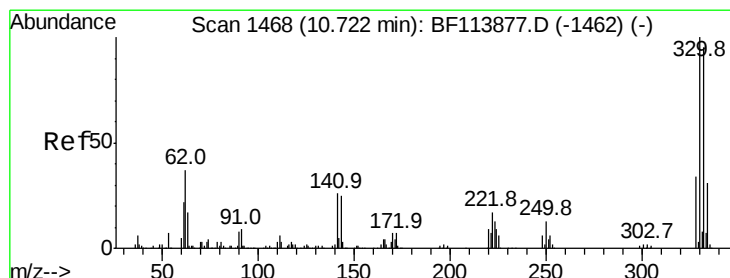
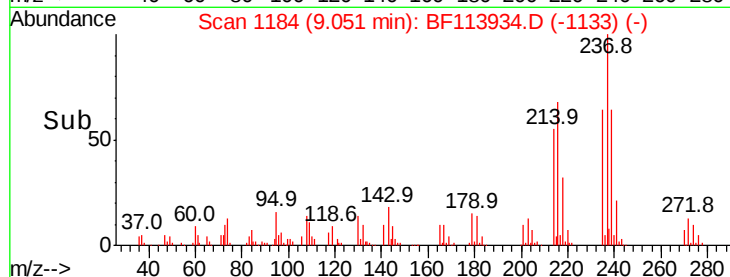
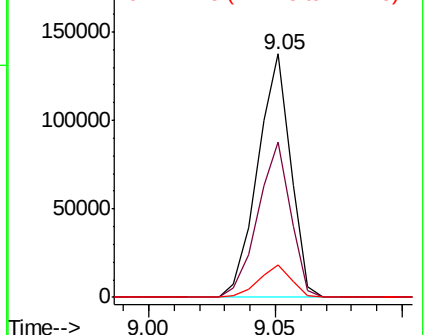
237 100

235 63.9 42.6 82.6

272 13.3 0.0 33.8



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: 127.508 ng

RT: 10.72 min Scan# 1468

Delta R.T. 0.00 min

Lab File: BF113934.D

Acq: 23 Apr 2019 21:25

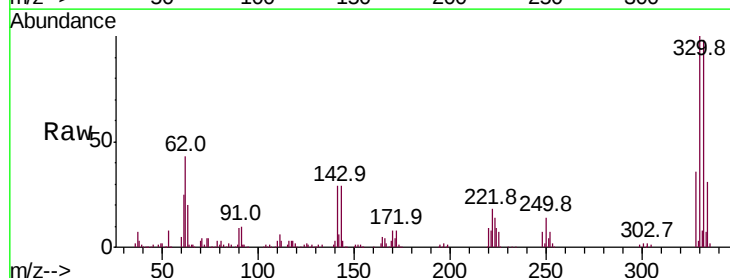
Tgt Ion:330 Resp: 293504

Ion Ratio Lower Upper

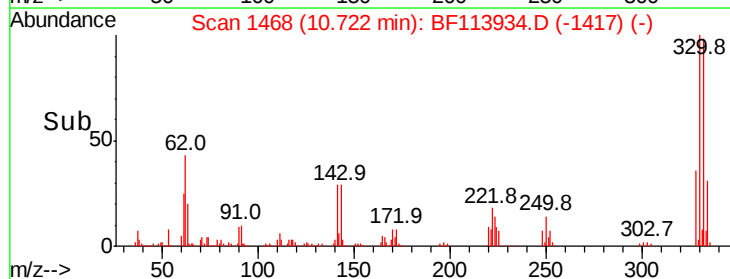
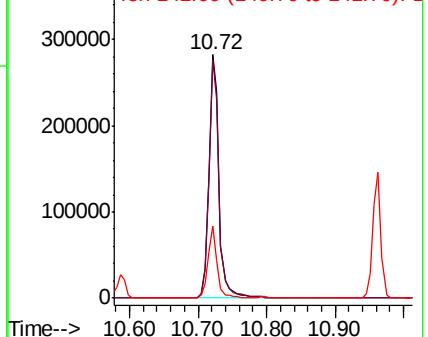
330 100

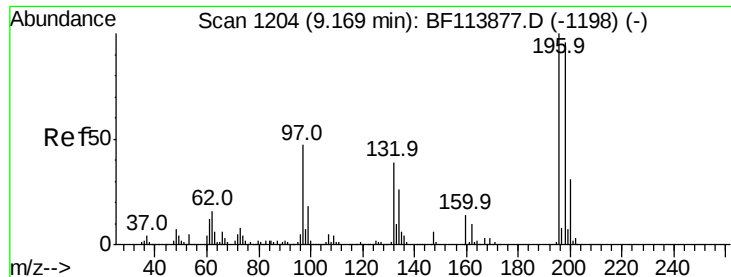
332 97.0 77.5 116.3

141 26.8 22.2 33.2



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

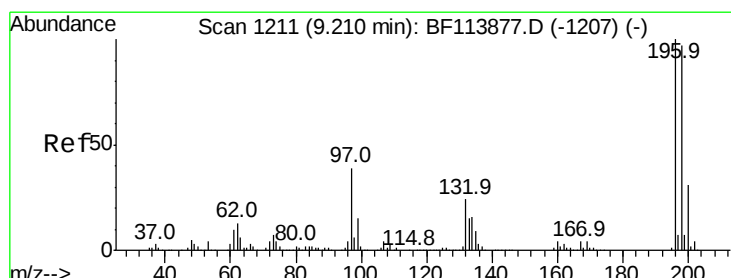
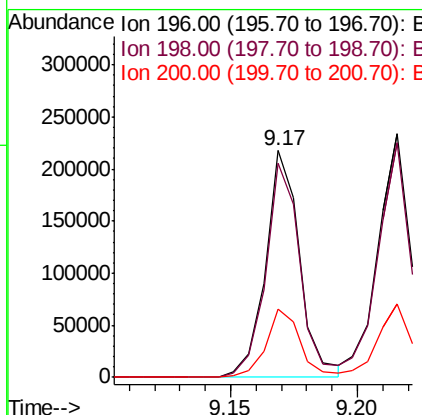
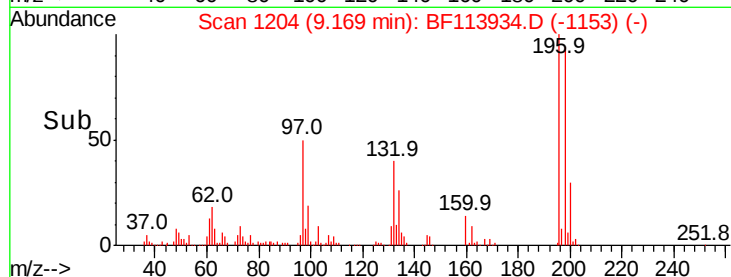
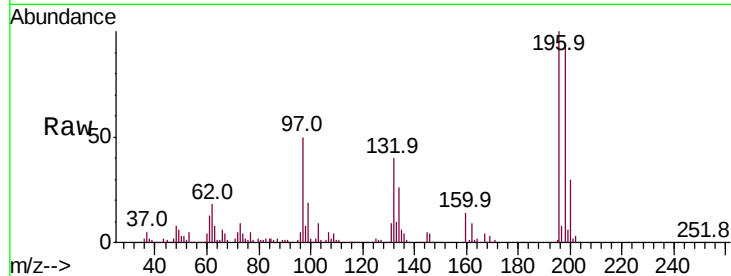




#43
 2,4,6-Trichlorophenol
 Concen: 52.660 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. 0.00 min
 Lab File: BF113934.D
 Acq: 23 Apr 2019 21:25

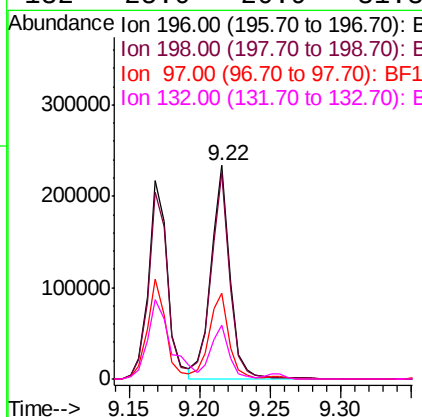
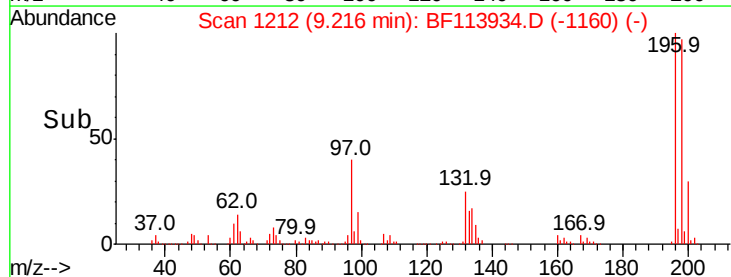
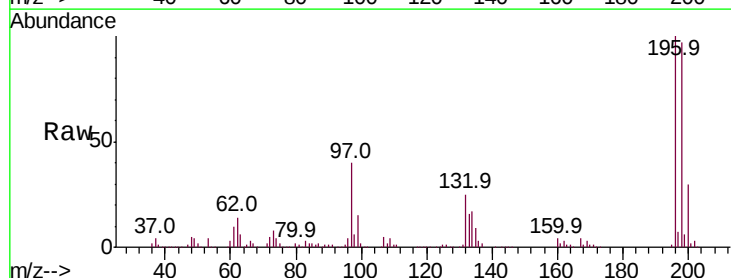
Instrument :
 BNA_F
 ClientSampleId :
 TR-05-042219MSD

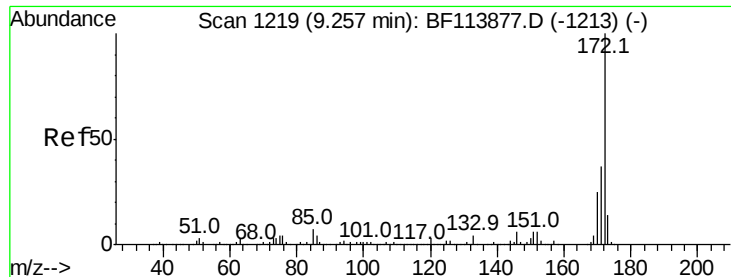
Tot Ion	Ratio	Lower	Upper
196	100		
198	94.3	75.6	113.4
200	30.2	24.7	37.1



#44
 2,4,5-Trichlorophenol
 Concen: 50.223 ng
 RT: 9.22 min Scan# 1212
 Delta R.T. 0.01 min
 Lab File: BF113934.D
 Acq: 23 Apr 2019 21:25

Tgt Ion	Ratio	Lower	Upper
196	100		
198	96.6	76.2	114.4
97	40.3	35.8	53.8
132	25.0	20.9	31.3



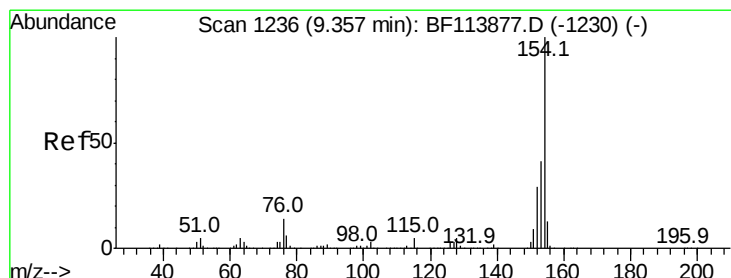
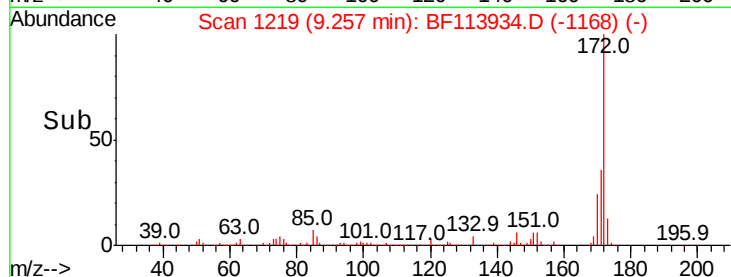
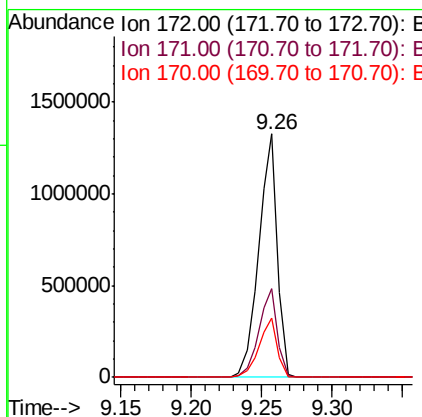
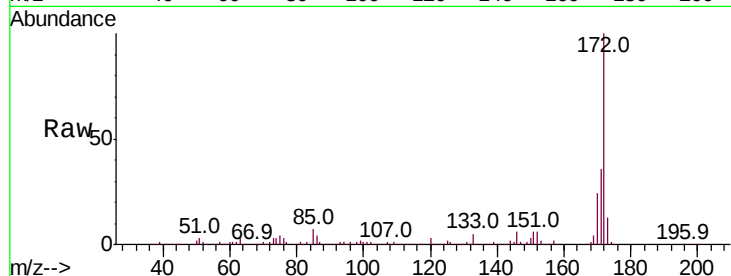


#45
 2-Fluorobiphenyl
 Concen: 101.944 ng
 RT: 9.26 min Scan# 1219
 Delta R.T. 0.00 min
 Lab File: BF113934.D
 Acq: 23 Apr 2019 21:25

Instrument :
 BNA_F
 ClientSampleId :
 TR-05-042219MSD

Tot Ion:172 Resp: 1231617

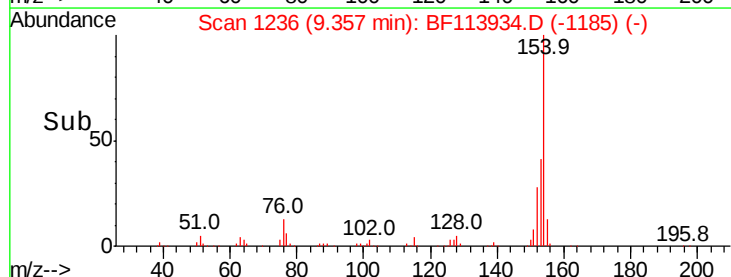
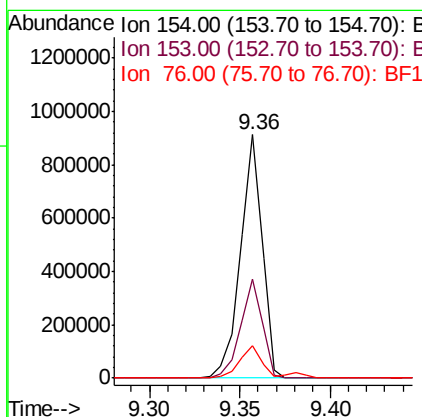
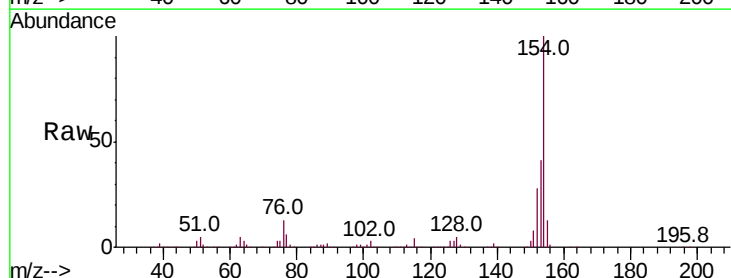
Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.4	44.0
170	24.4	19.9	29.9

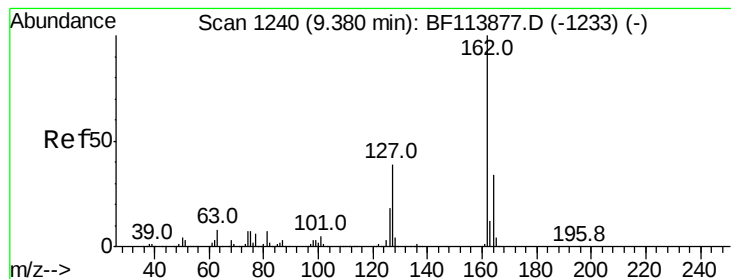


#46
 1,1'-Biphenyl
 Concen: 52.530 ng
 RT: 9.36 min Scan# 1236
 Delta R.T. 0.00 min
 Lab File: BF113934.D
 Acq: 23 Apr 2019 21:25

Tgt Ion:154 Resp: 758258

Ion	Ratio	Lower	Upper
154	100		
153	40.9	20.8	60.8
76	13.3	0.0	35.2





#47

2-Chloronaphthalene

Concen: 50.326 ng

RT: 9.38 min Scan# 1240

Delta R.T. 0.00 min

Lab File: BF113934.D

Acq: 23 Apr 2019 21:25

Instrument :

BNA_F

ClientSampleId :

TR-05-042219MSD

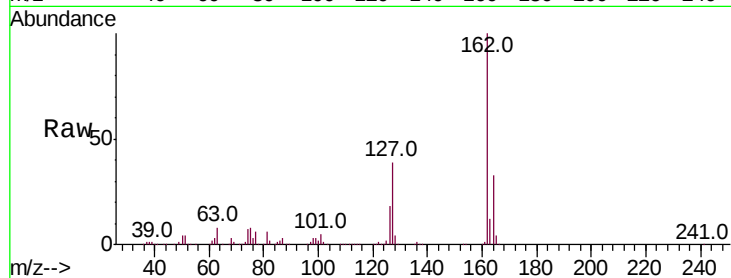
Tot Ion:162 Resp: 590752

Ion Ratio Lower Upper

162 100

127 38.9 29.3 43.9

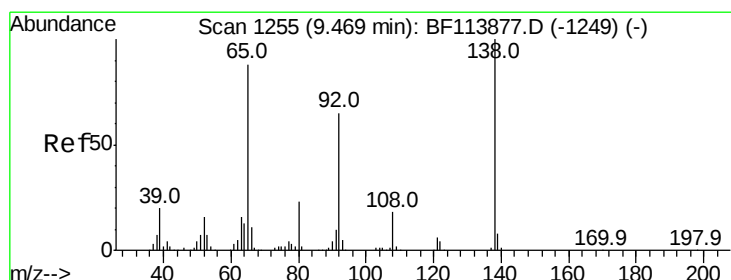
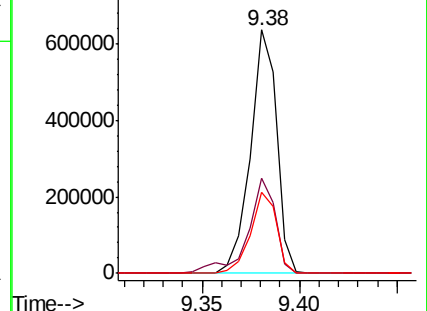
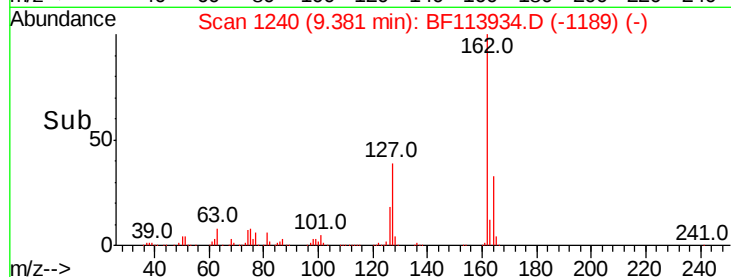
164 33.1 27.1 40.7



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: 52.611 ng

RT: 9.47 min Scan# 1255

Delta R.T. 0.00 min

Lab File: BF113934.D

Acq: 23 Apr 2019 21:25

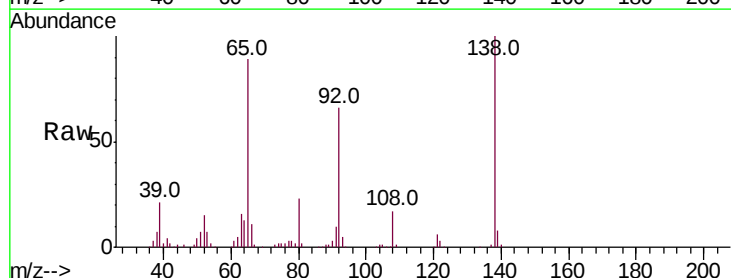
Tgt Ion: 65 Resp: 161896

Ion Ratio Lower Upper

65 100

92 73.8 57.4 86.0

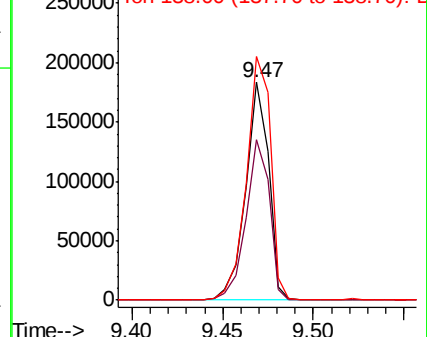
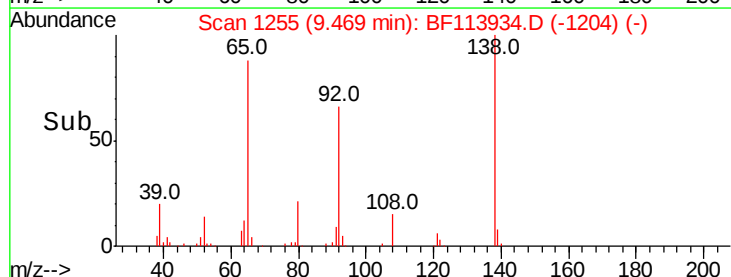
138 111.9 85.4 128.0

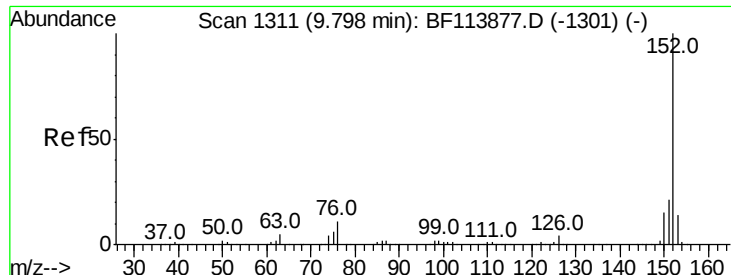


Abundance Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 47.746 ng

RT: 9.80 min Scan# 1311

Delta R.T. 0.00 min

Lab File: BF113934.D

Acq: 23 Apr 2019 21:25

Instrument :

BNA_F

ClientSampleId :

TR-05-042219MSD

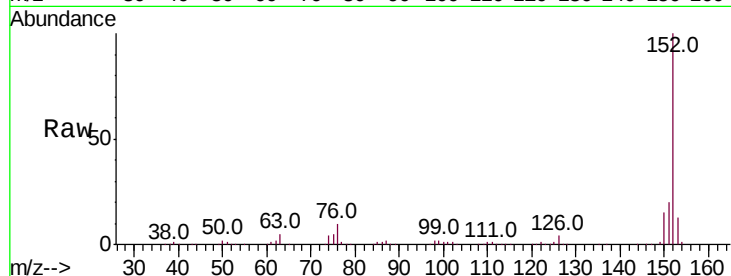
Tot Ion:152 Resp: 877424

Ion Ratio Lower Upper

152 100

151 20.5 17.0 25.4

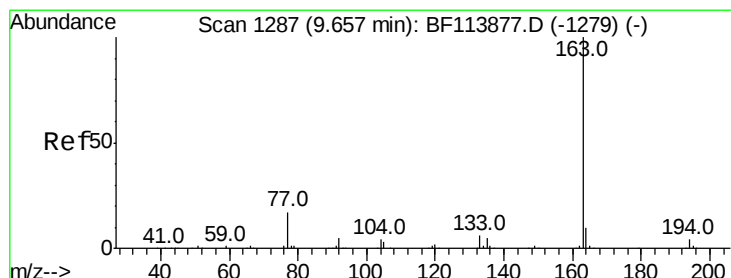
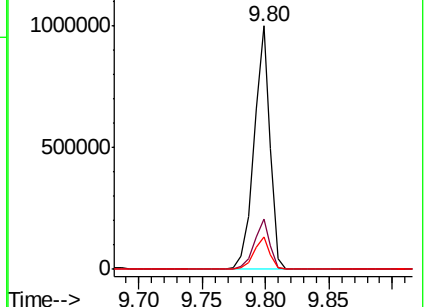
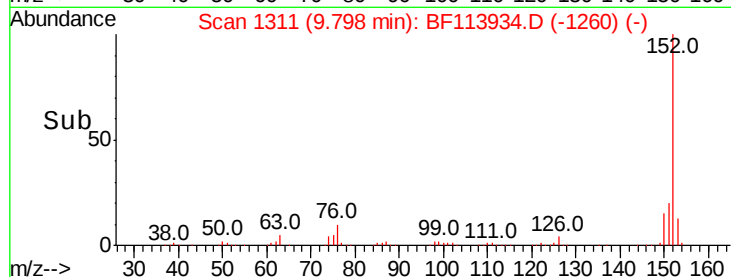
153 13.4 11.0 16.6



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: 52.228 ng

RT: 9.65 min Scan# 1286

Delta R.T. -0.01 min

Lab File: BF113934.D

Acq: 23 Apr 2019 21:25

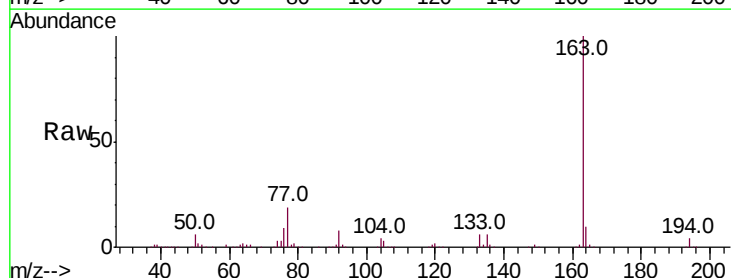
Tgt Ion:163 Resp: 713719

Ion Ratio Lower Upper

163 100

194 4.1 3.4 5.2

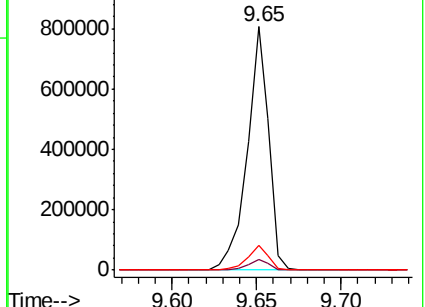
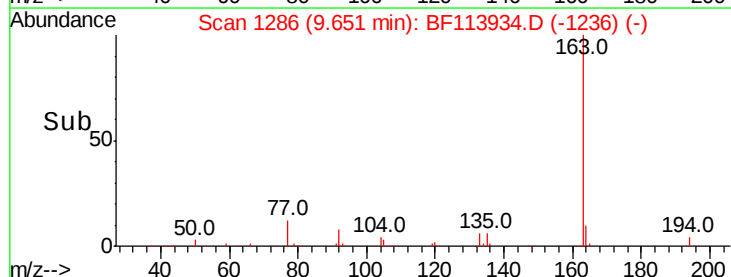
164 10.3 8.5 12.7

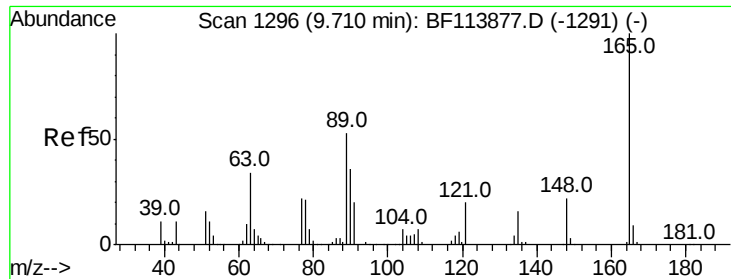


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

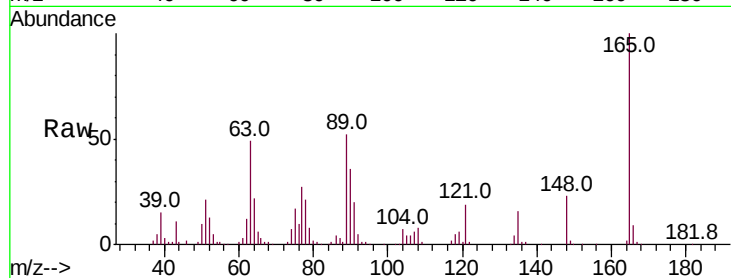




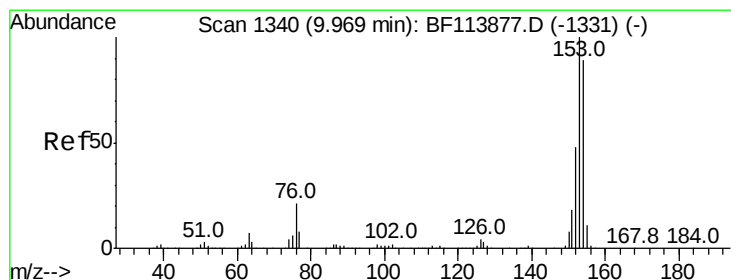
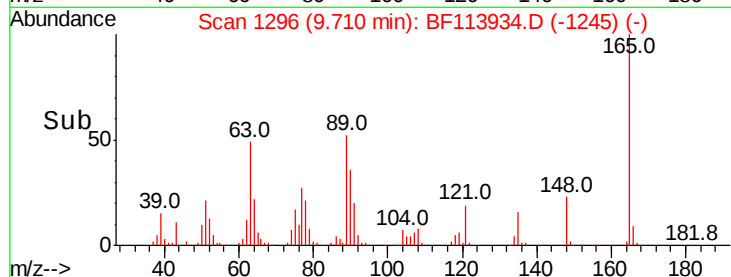
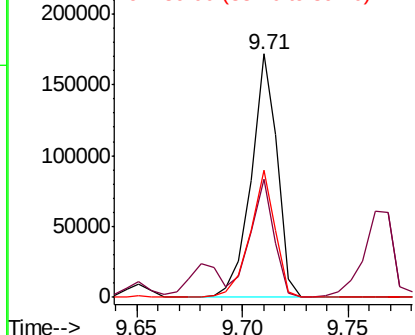
#51
2,6-Dinitrotoluene
Concen: 50.084 ng
RT: 9.71 min Scan# 1296
Delta R.T. 0.00 min
Lab File: BF113934.D
Acq: 23 Apr 2019 21:25

Instrument :
BNA_F
ClientSampleId :
TR-05-042219MSD

Tot Ion	Ratio	Lower	Upper
165	100		
63	48.6	33.8	50.8
89	52.1	38.2	57.2

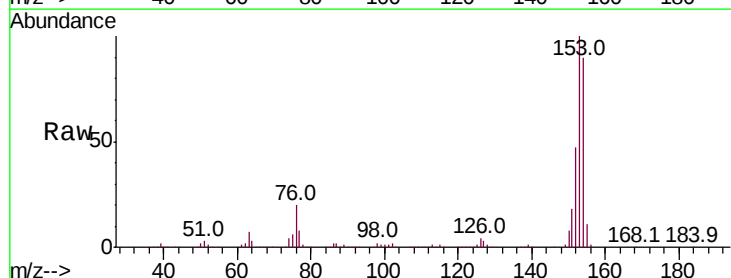


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1

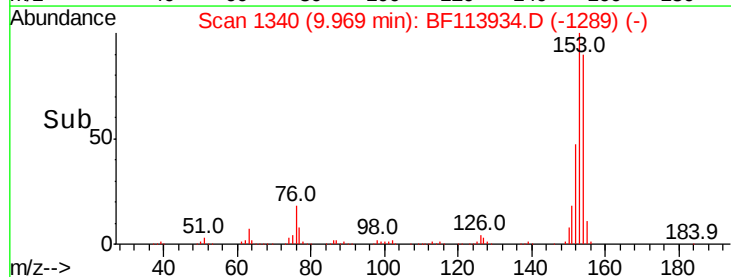
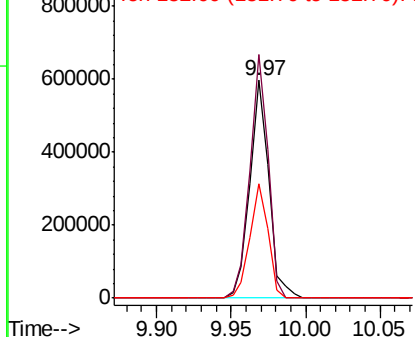


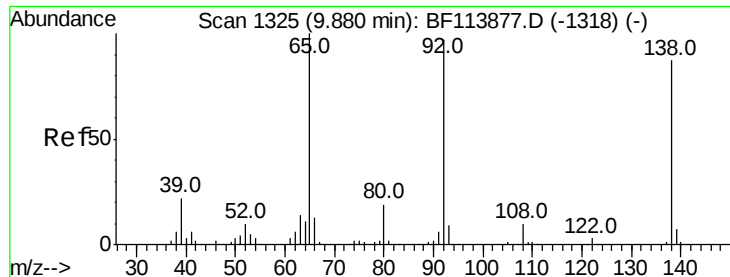
#52
Acenaphthene
Concen: 48.531 ng
RT: 9.97 min Scan# 1340
Delta R.T. 0.00 min
Lab File: BF113934.D
Acq: 23 Apr 2019 21:25

Tgt Ion	Ratio	Lower	Upper
154	100		
153	111.7	87.2	130.8
152	52.5	42.3	63.5



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

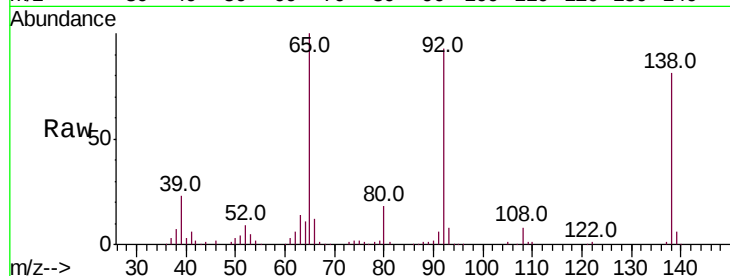




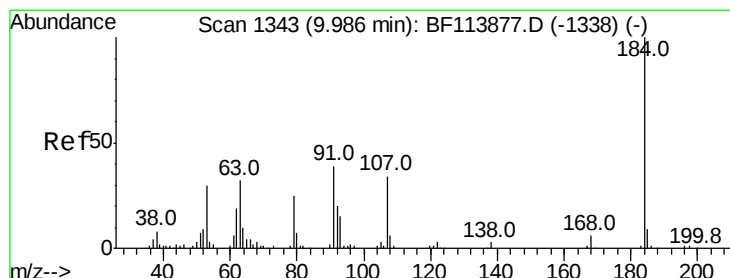
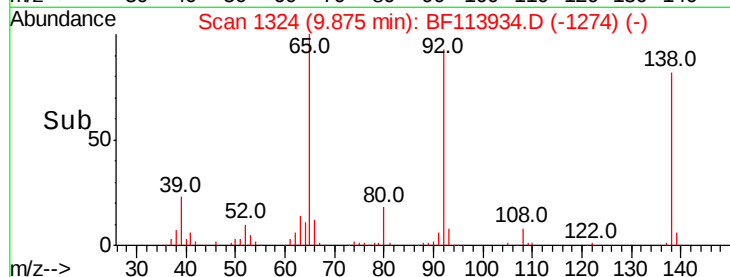
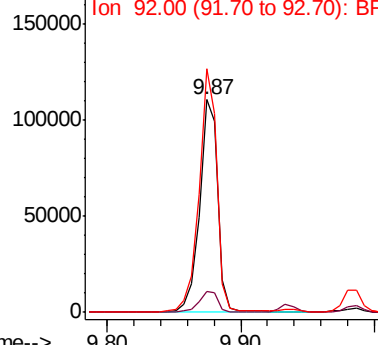
#53
 3-Nitroaniline
 Concen: 34.660 ng
 RT: 9.87 min Scan# 1324
 Delta R.T. -0.01 min
 Lab File: BF113934.D
 Acq: 23 Apr 2019 21:25

Instrument :
 BNA_F
 ClientSampleId :
 TR-05-042219MSD

Tot Ion:138 Resp: 106779
 Ion Ratio Lower Upper
 138 100
 108 10.1 9.4 14.2
 92 114.6 94.1 141.1

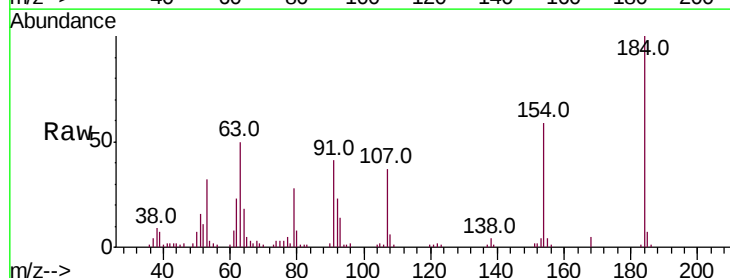


Abundance Ion 138.00 (137.70 to 138.70): E
 Ion 108.00 (107.70 to 108.70): E
 Ion 92.00 (91.70 to 92.70): BF1

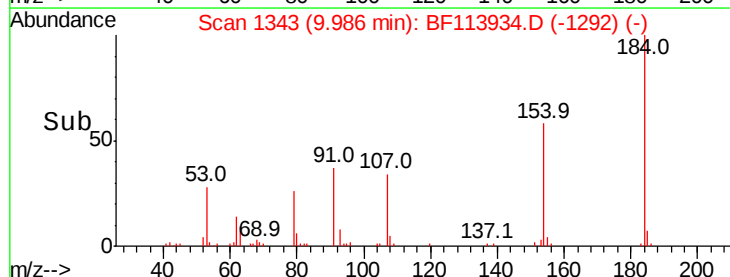
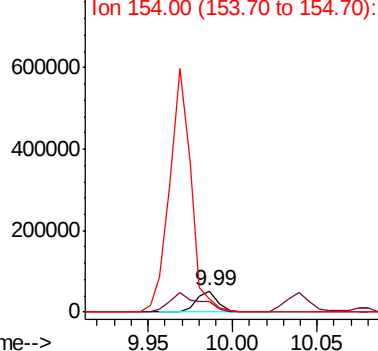


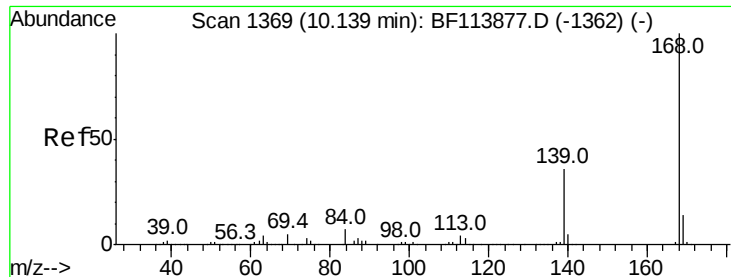
#54
 2,4-Dinitrophenol
 Concen: 41.118 ng
 RT: 9.99 min Scan# 1343
 Delta R.T. 0.00 min
 Lab File: BF113934.D
 Acq: 23 Apr 2019 21:25

Tgt Ion:184 Resp: 46431
 Ion Ratio Lower Upper
 184 100
 63 49.7 54.6 81.8#
 154 59.2 218.6 328.0#



Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 154.00 (153.70 to 154.70): E





#55

Dibenzenofuran

Concen: 48.056 ng

RT: 10.14 min Scan# 1369

Delta R.T. 0.00 min

Lab File: BF113934.D

Acq: 23 Apr 2019 21:25

Instrument :

BNA_F

ClientSampleId :

TR-05-042219MSD

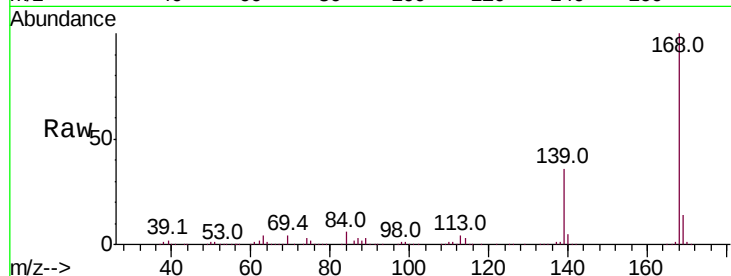
Tot Ion:168 Resp: 781783

Ion Ratio Lower Upper

168 100

139 35.7 27.8 41.6

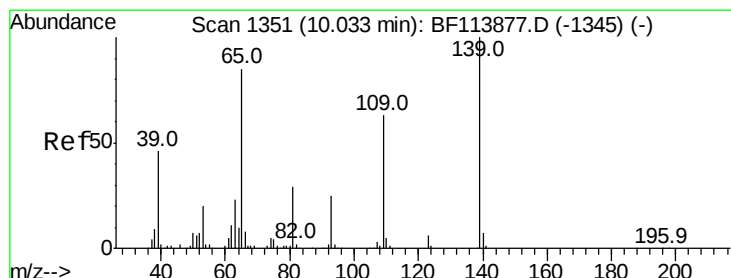
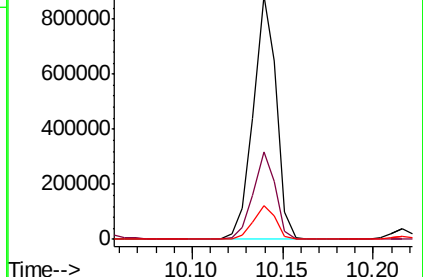
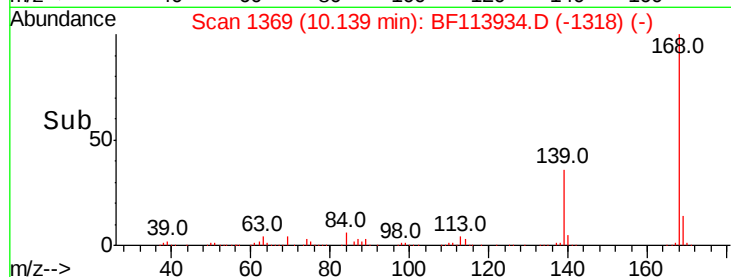
169 13.6 11.0 16.6



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: 80.500 ng

RT: 10.04 min Scan# 1352

Delta R.T. 0.01 min

Lab File: BF113934.D

Acq: 23 Apr 2019 21:25

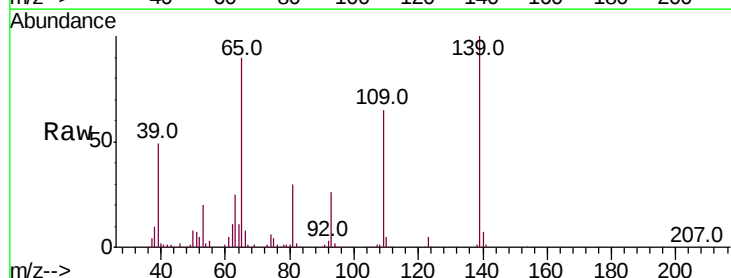
Tgt Ion:139 Resp: 196360

Ion Ratio Lower Upper

139 100

109 65.0 42.9 82.9

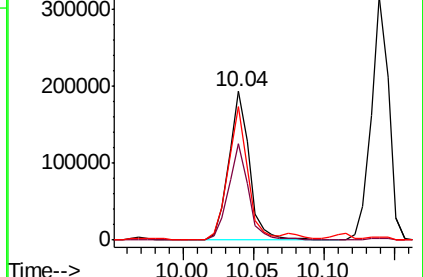
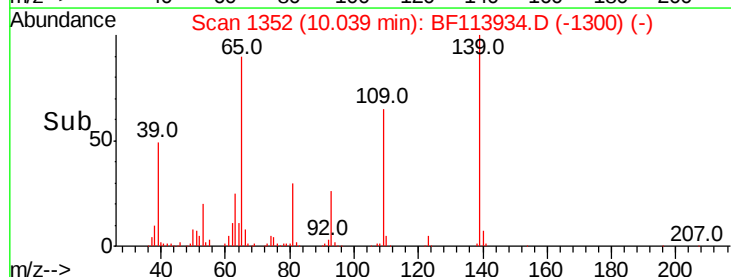
65 89.9 64.4 104.4

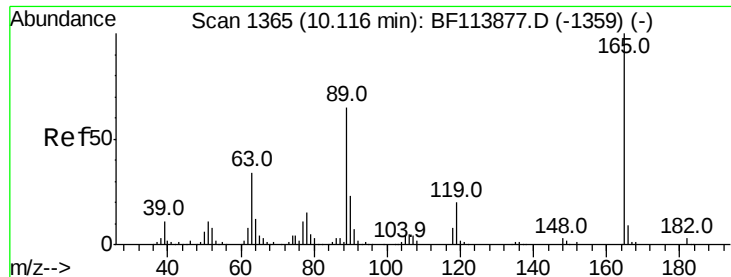


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1

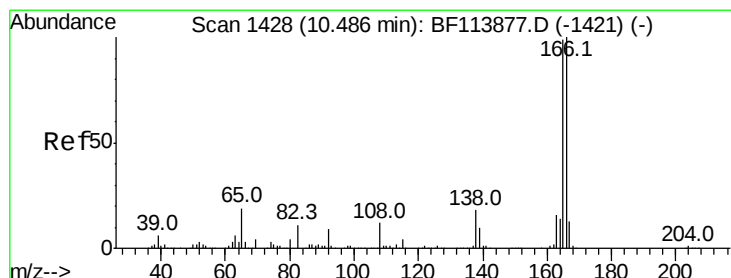
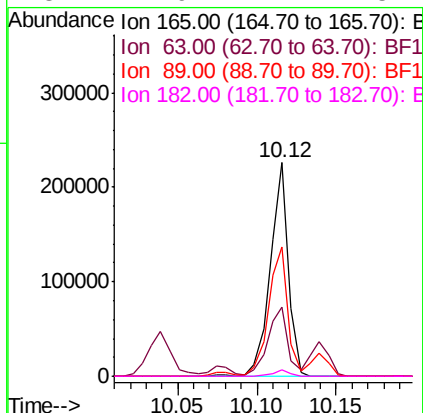
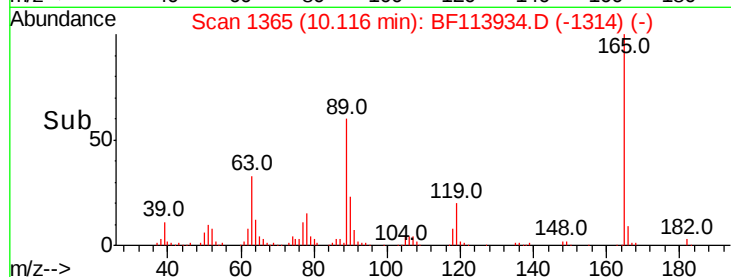
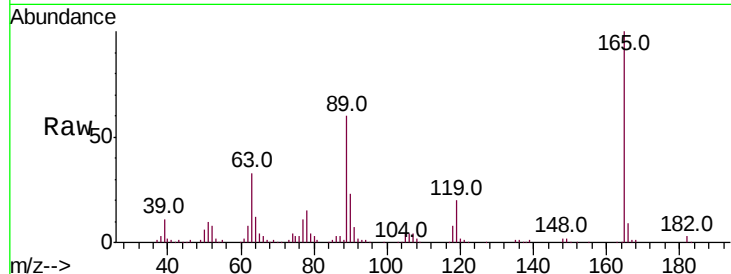




#57
2,4-Dinitrotoluene
Concen: 49.146 ng
RT: 10.12 min Scan# 1365
Delta R.T. 0.00 min
Lab File: BF113934.D
Acq: 23 Apr 2019 21:25

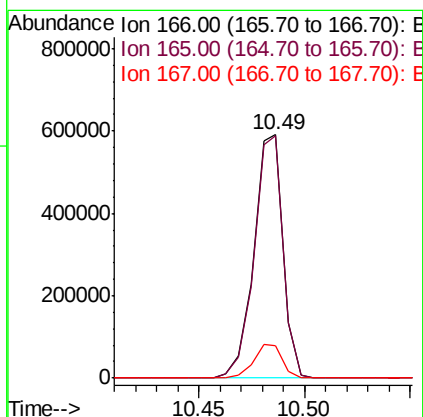
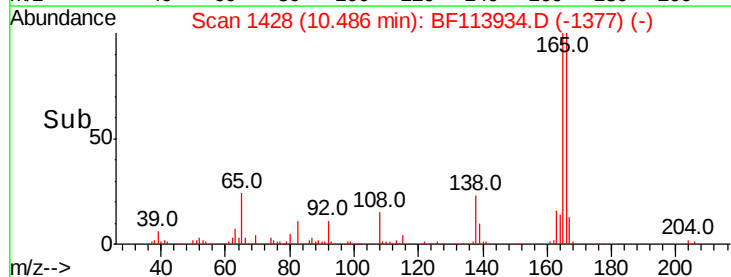
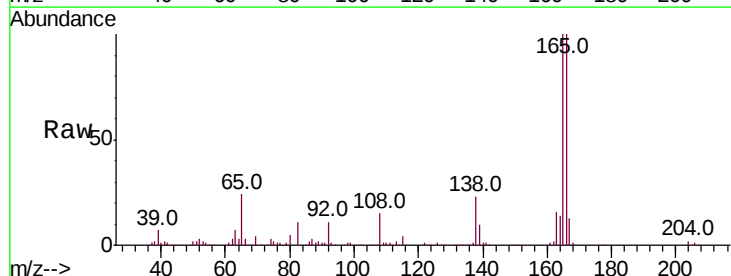
Instrument :
BNA_F
ClientSampleId :
TR-05-042219MSD

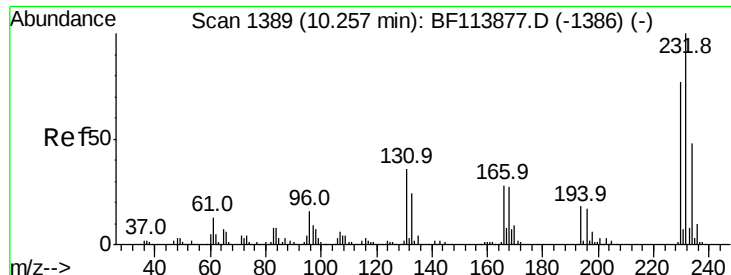
Tot Ion	Ratio	Lower	Upper
165	100		
63	32.7	27.4	41.0
89	60.4	51.8	77.6
182	2.9	2.2	3.2



#58
Fluorene
Concen: 46.260 ng
RT: 10.49 min Scan# 1428
Delta R.T. 0.00 min
Lab File: BF113934.D
Acq: 23 Apr 2019 21:25

Tgt Ion	Ratio	Lower	Upper
166	100		
165	99.7	78.4	117.6
167	13.2	10.9	16.3

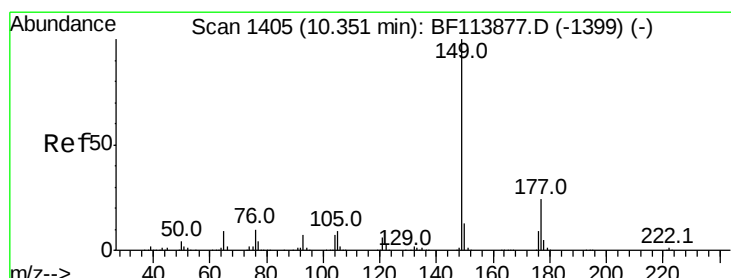
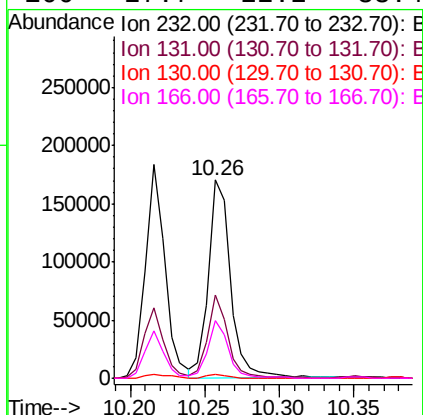
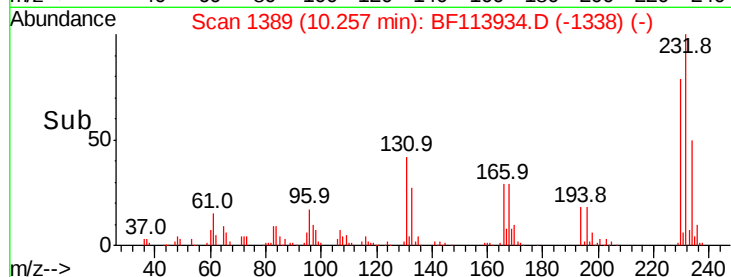
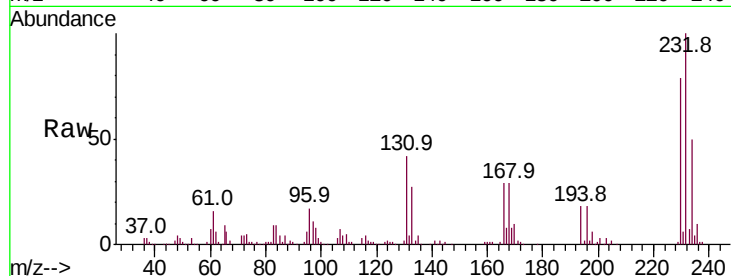




#59
2,3,4,6-Tetrachlorophenol
Concen: 45.764 ng
RT: 10.26 min Scan# 1389
Delta R.T. 0.00 min
Lab File: BF113934.D
Acq: 23 Apr 2019 21:25

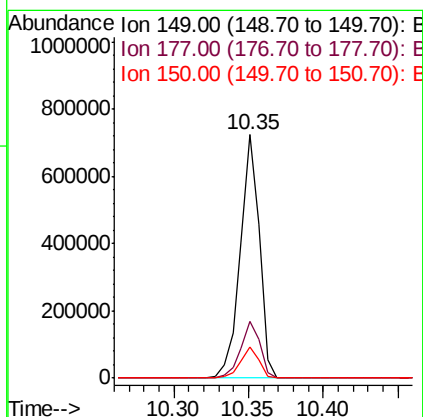
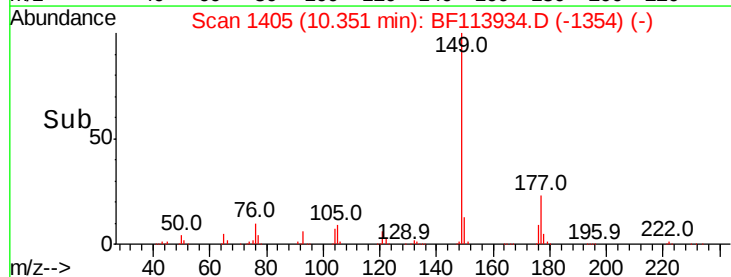
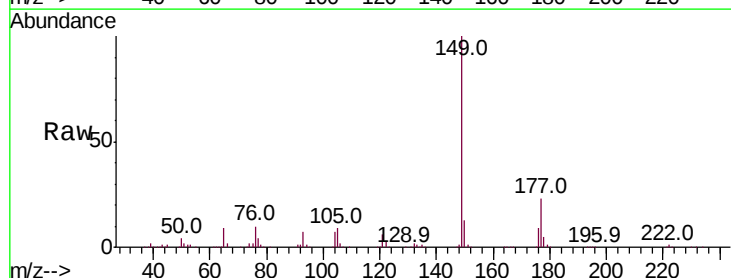
Instrument :
BNA_F
ClientSampleId :
TR-05-042219MSD

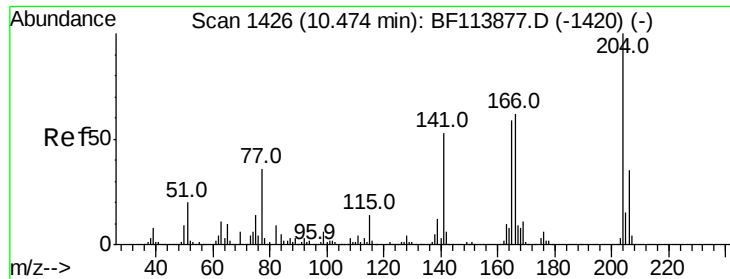
Tot Ion:232 Resp: 175813
Ion Ratio Lower Upper
232 100
131 38.1 30.2 45.2
130 1.8 1.5 2.3
166 27.7 22.2 33.4



#60
Diethylphthalate
Concen: 49.613 ng
RT: 10.35 min Scan# 1405
Delta R.T. 0.00 min
Lab File: BF113934.D
Acq: 23 Apr 2019 21:25

Tgt Ion:149 Resp: 643830
Ion Ratio Lower Upper
149 100
177 23.4 19.2 28.8
150 12.7 10.3 15.5

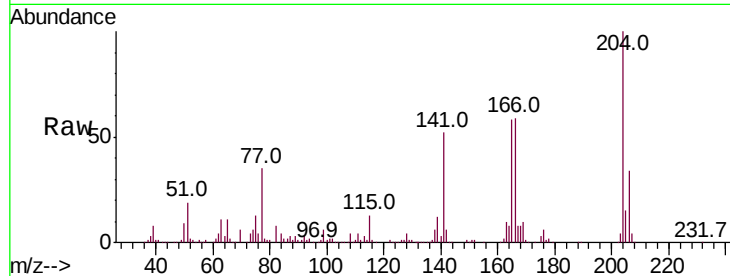




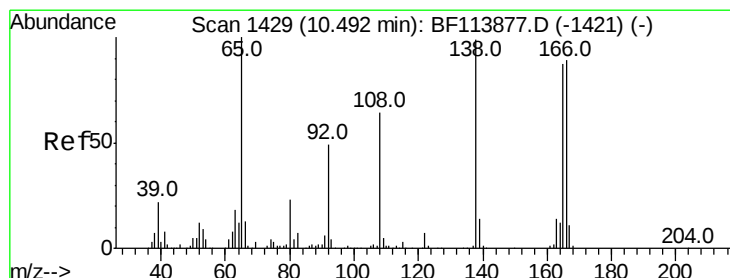
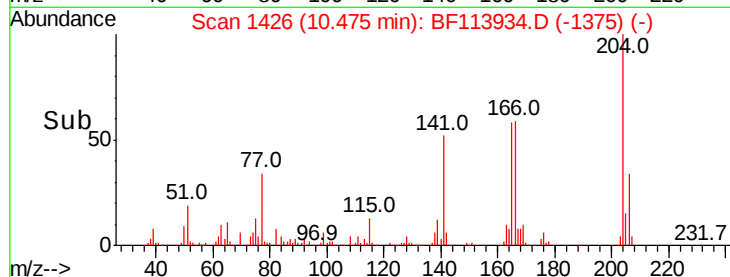
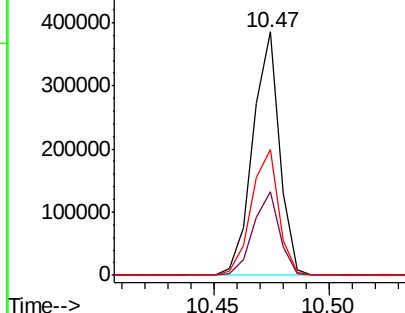
#61
4-Chlorophenyl-phenylether
Concen: 48.124 ng
RT: 10.47 min Scan# 1426
Delta R.T. 0.00 min
Lab File: BF113934.D
Acq: 23 Apr 2019 21:25

Instrument :
BNA_F
ClientSampleID :
TR-05-042219MSD

Tot Ion:204 Resp: 312153
Ion Ratio Lower Upper
204 100
206 34.4 27.4 41.2
141 51.5 42.6 63.8

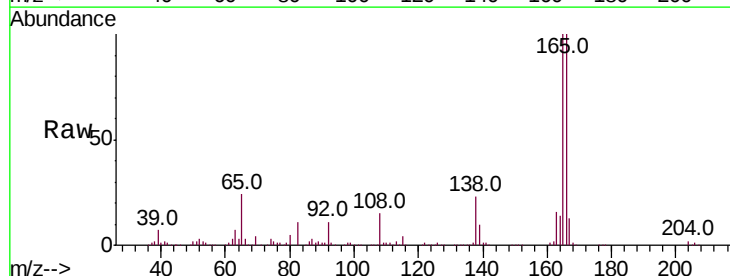


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

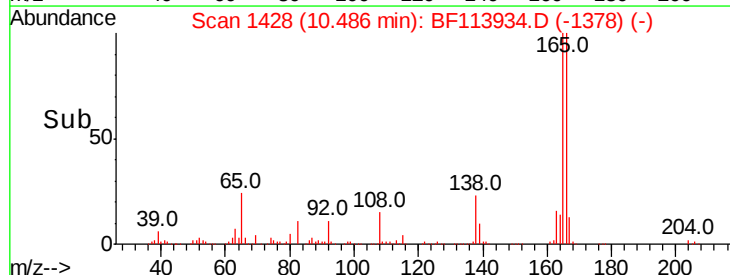
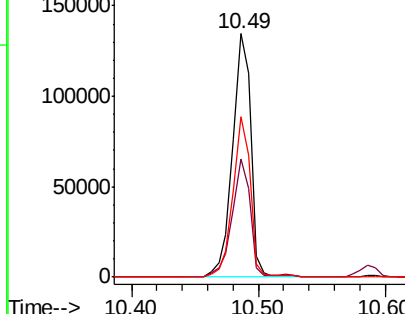


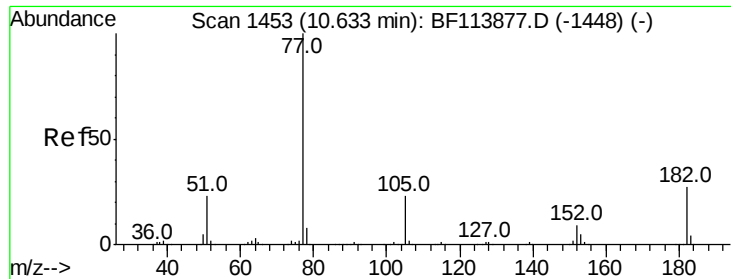
#62
4-Nitroaniline
Concen: 44.297 ng
RT: 10.49 min Scan# 1428
Delta R.T. -0.01 min
Lab File: BF113934.D
Acq: 23 Apr 2019 21:25

Tgt Ion:138 Resp: 133175
Ion Ratio Lower Upper
138 100
92 48.6 31.3 71.3
108 65.7 48.9 88.9



Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF1
Ion 108.00 (107.70 to 108.70): E

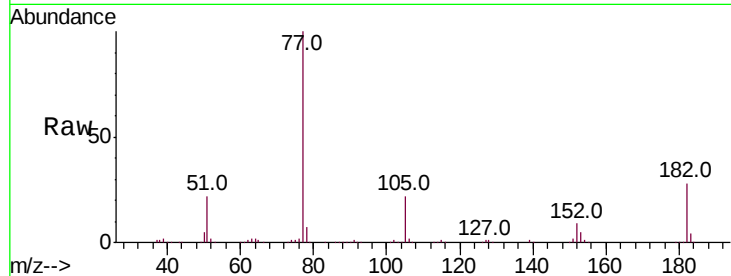




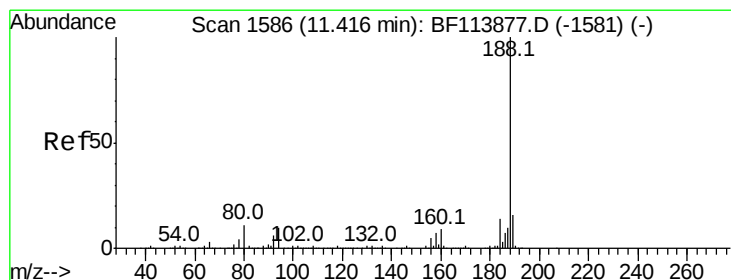
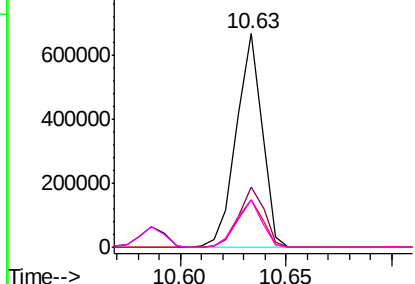
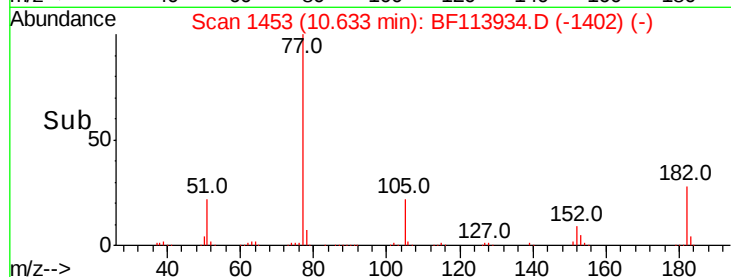
#63
Azobenzene
Concen: 44.564 ng
RT: 10.63 min Scan# 1453
Delta R.T. 0.00 min
Lab File: BF113934.D
Acq: 23 Apr 2019 21:25

Instrument :
BNA_F
ClientSampleId :
TR-05-042219MSD

Tot Ion: 77 Resp: 560484
Ion Ratio Lower Upper
77 100
182 28.0 4.4 44.4
105 22.3 2.2 42.2
51 22.3 3.9 43.9

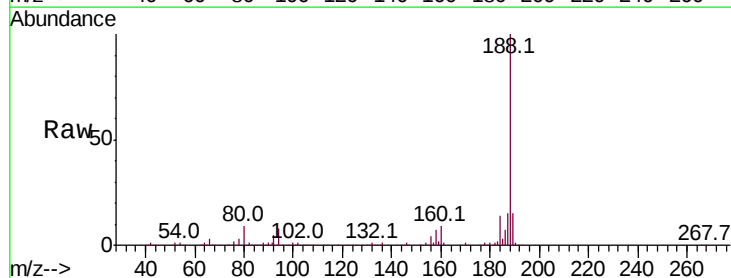


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

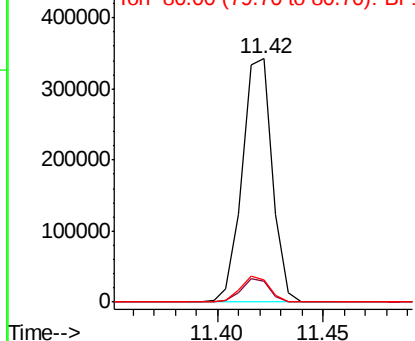
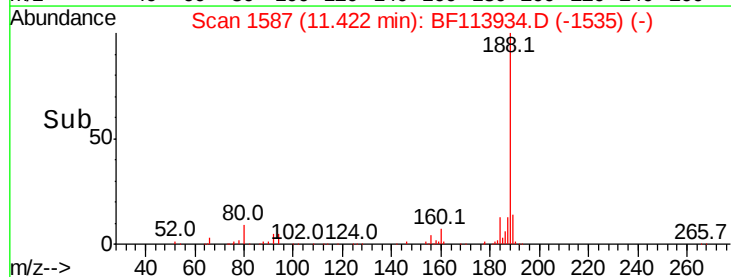


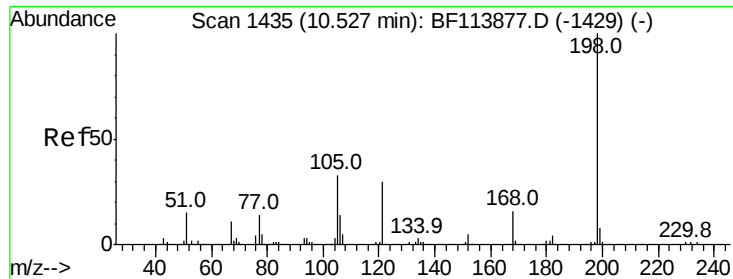
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.42 min Scan# 1587
Delta R.T. 0.01 min
Lab File: BF113934.D
Acq: 23 Apr 2019 21:25

Tgt Ion: 188 Resp: 338606
Ion Ratio Lower Upper
188 100
94 8.4 8.2 12.4
80 9.0 9.0 13.6#



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: 26.022 ng

RT: 10.52 min Scan# 1434

Delta R.T. -0.01 min

Lab File: BF113934.D

Acq: 23 Apr 2019 21:25

Instrument :

BNA_F

ClientSampleId :

TR-05-042219MSD

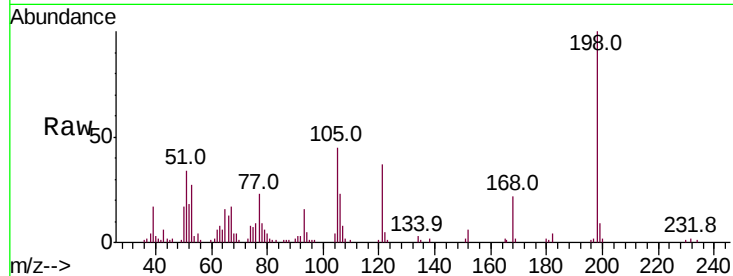
Tot Ion:198 Resp: 34260

Ion Ratio Lower Upper

198 100

51 34.2 11.1 51.1

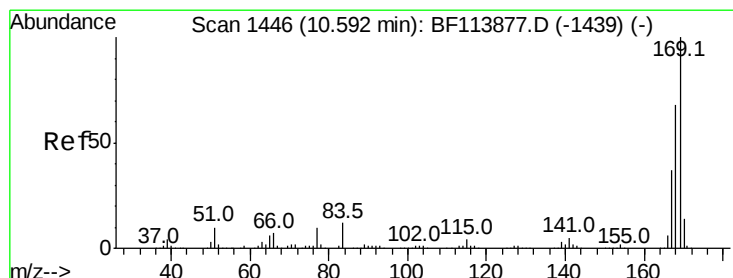
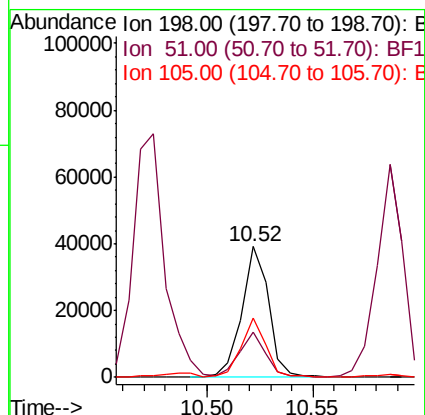
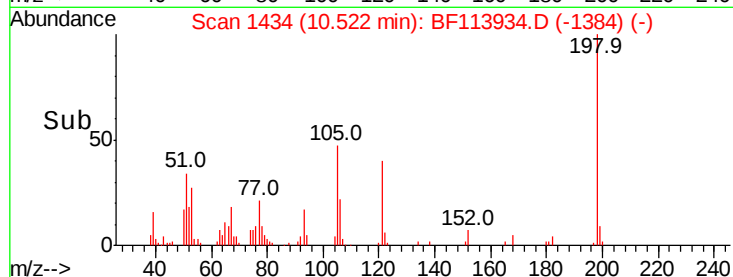
105 44.9 20.7 60.7



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: 50.558 ng

RT: 10.59 min Scan# 1445

Delta R.T. -0.01 min

Lab File: BF113934.D

Acq: 23 Apr 2019 21:25

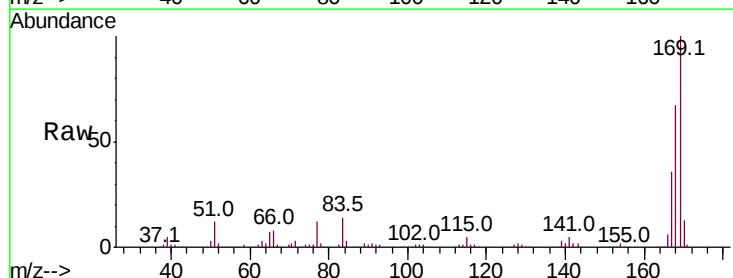
Tgt Ion:169 Resp: 513668

Ion Ratio Lower Upper

169 100

168 67.3 54.3 81.5

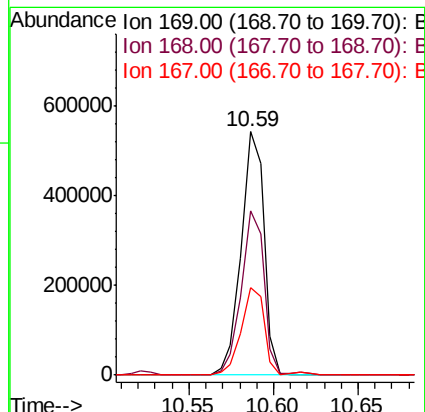
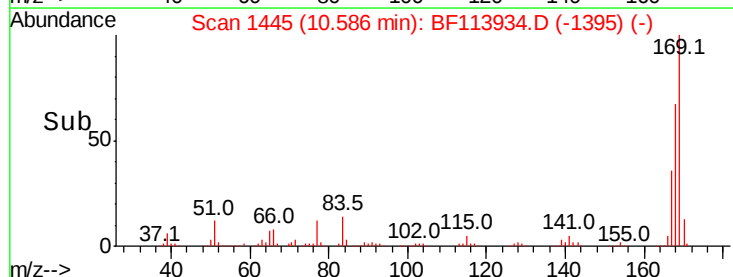
167 36.1 29.4 44.0

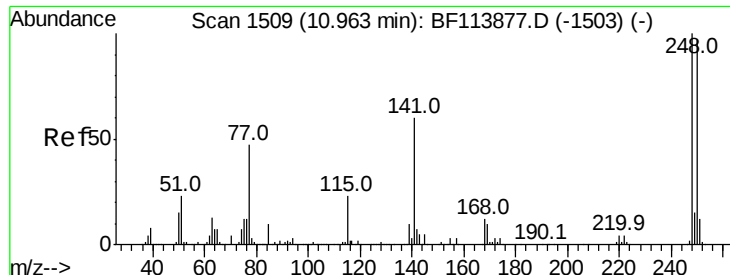


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

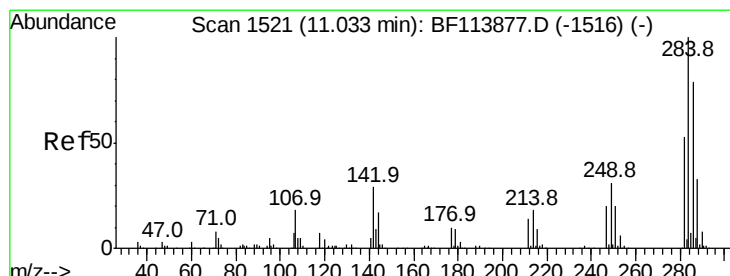
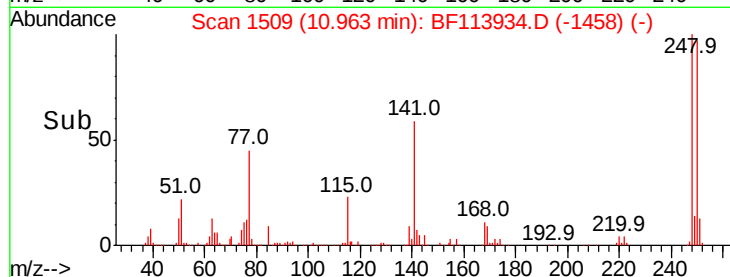
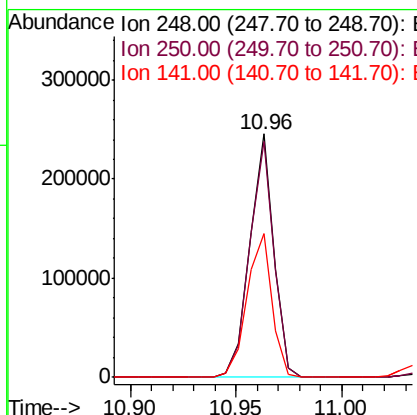
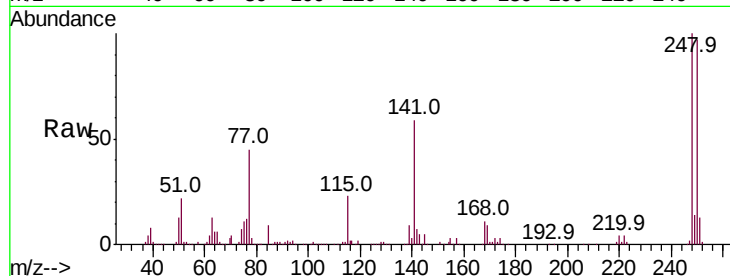




#67
 4-Bromophenyl-phenylether
 Concen: 47.576 ng
 RT: 10.96 min Scan# 1509
 Delta R.T. 0.00 min
 Lab File: BF113934.D
 Acq: 23 Apr 2019 21:25

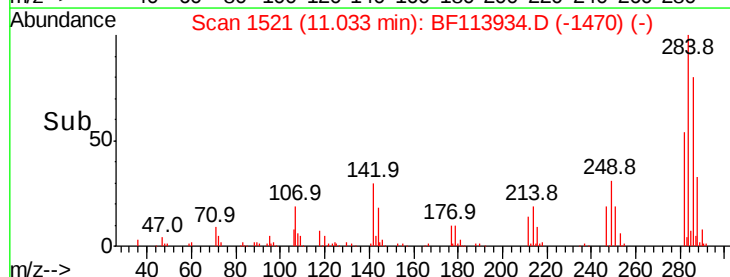
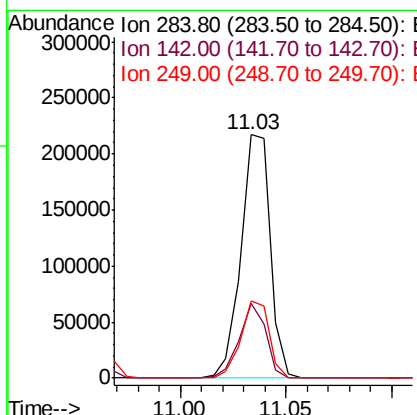
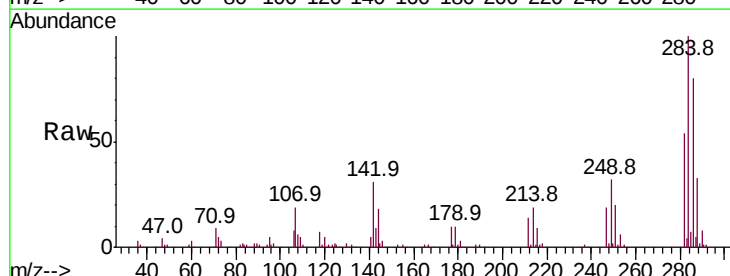
Instrument :
 BNA_F
 ClientSampleId :
 TR-05-042219MSD

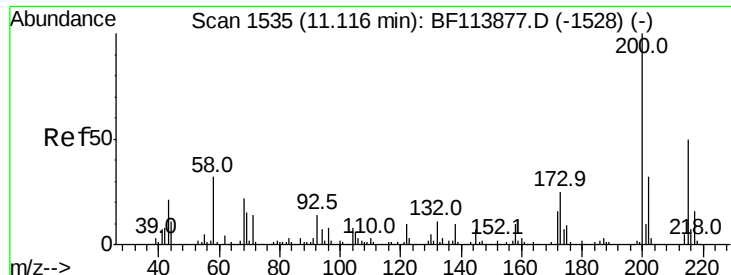
Tot Ion:248 Resp: 194611
 Ion Ratio Lower Upper
 248 100
 250 97.1 75.8 113.6
 141 59.1 50.2 75.4



#68
 Hexachlorobenzene
 Concen: 46.425 ng
 RT: 11.03 min Scan# 1521
 Delta R.T. 0.00 min
 Lab File: BF113934.D
 Acq: 23 Apr 2019 21:25

Tgt Ion:284 Resp: 208681
 Ion Ratio Lower Upper
 284 100
 142 30.7 23.0 34.4
 249 31.5 24.4 36.6





#69

Atrazine

Concen: 47.734 ng

RT: 11.12 min Scan# 1535

Delta R.T. 0.00 min

Lab File: BF113934.D

Acq: 23 Apr 2019 21:25

Instrument :

BNA_F

ClientSampleId :

TR-05-042219MSD

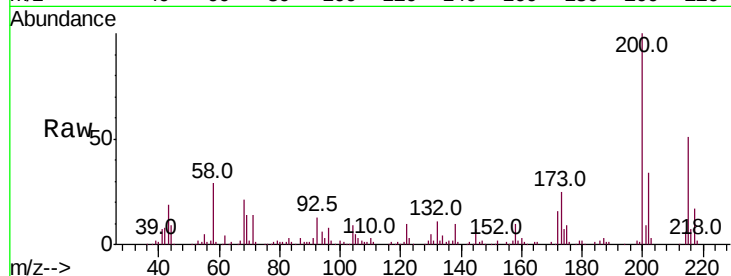
Tot Ion:200 Resp: 157765

Ion Ratio Lower Upper

200 100

173 25.2 5.9 45.9

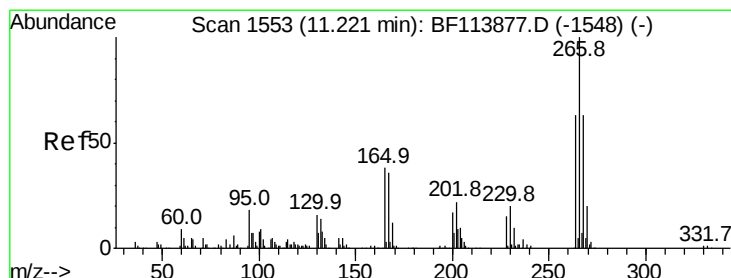
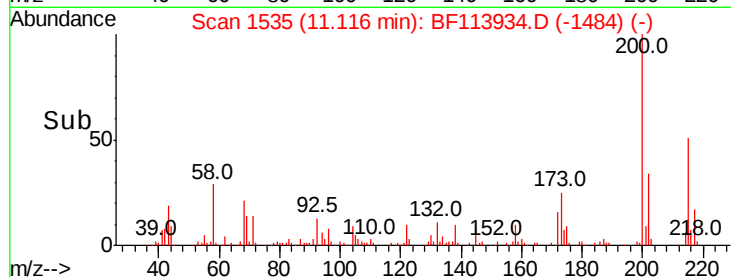
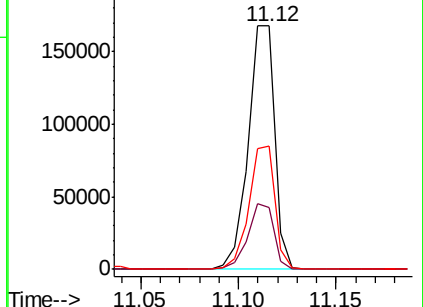
215 50.5 29.3 69.3



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: 98.406 ng

RT: 11.23 min Scan# 1554

Delta R.T. 0.01 min

Lab File: BF113934.D

Acq: 23 Apr 2019 21:25

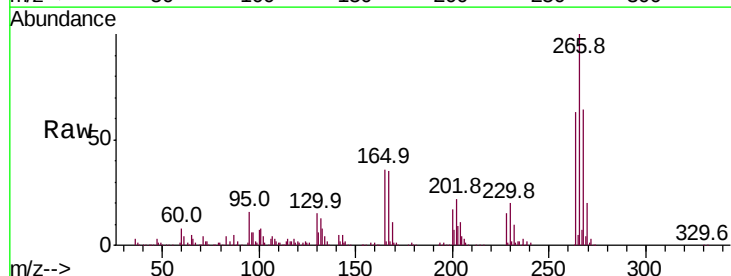
Tgt Ion:266 Resp: 250447

Ion Ratio Lower Upper

266 100

268 63.9 53.5 80.3

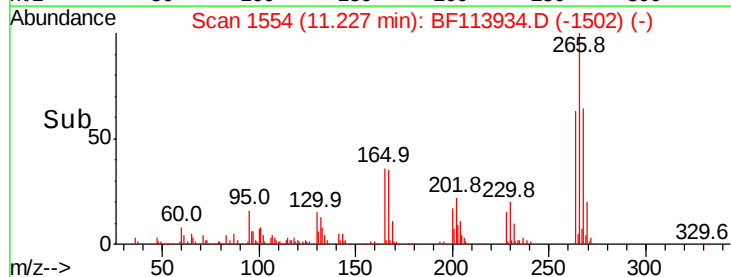
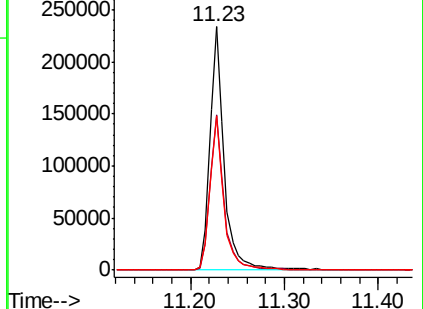
264 63.4 51.0 76.6

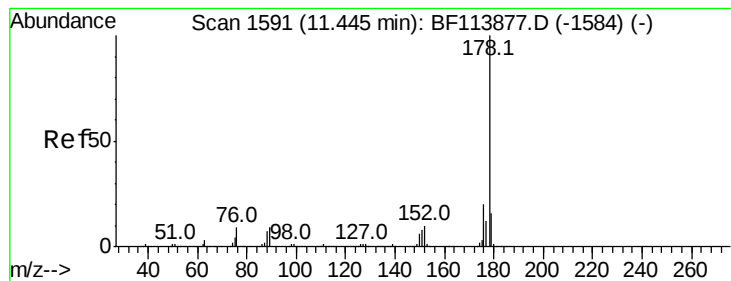


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 49.657 ng

RT: 11.45 min Scan# 1591

Delta R.T. 0.00 min

Lab File: BF113934.D

Acq: 23 Apr 2019 21:25

Instrument :

BNA_F

ClientSampleId :

TR-05-042219MSD

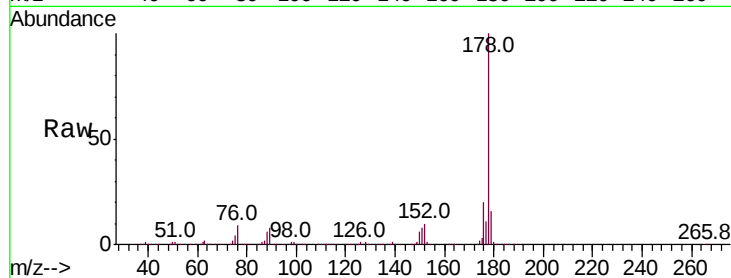
Tot Ion:178 Resp: 845009

Ion Ratio Lower Upper

178 100

176 20.2 16.1 24.1

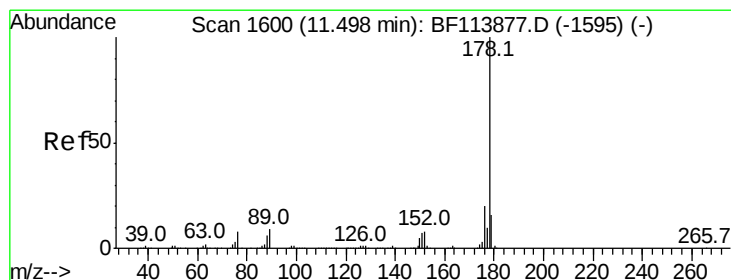
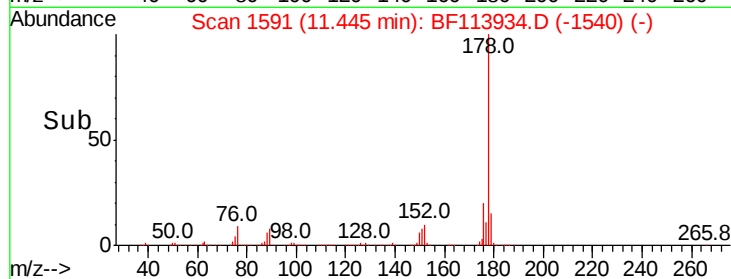
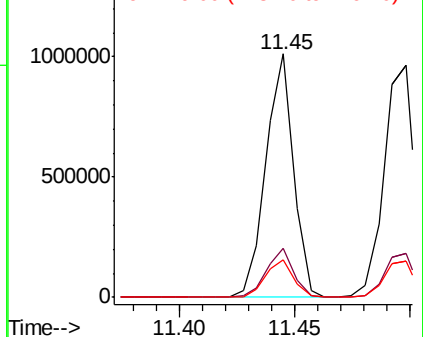
179 15.6 12.8 19.2



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 51.435 ng

RT: 11.50 min Scan# 1600

Delta R.T. 0.00 min

Lab File: BF113934.D

Acq: 23 Apr 2019 21:25

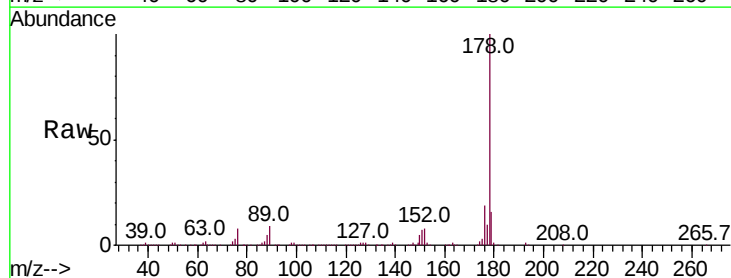
Tgt Ion:178 Resp: 883870

Ion Ratio Lower Upper

178 100

176 19.1 15.7 23.5

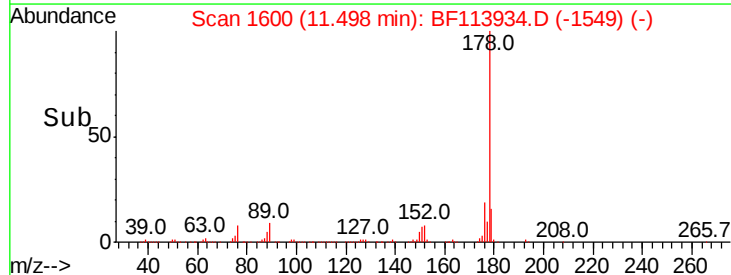
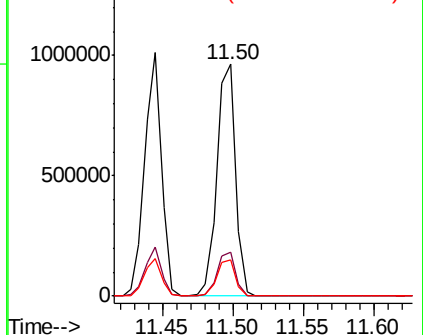
179 15.8 13.0 19.4

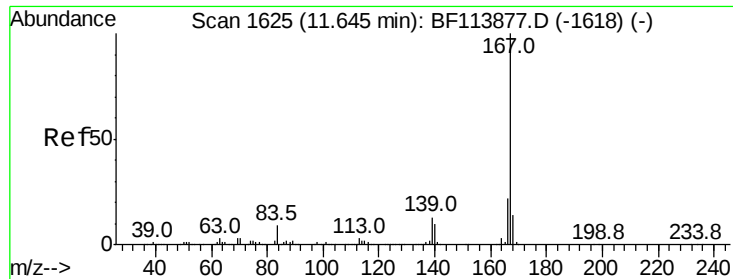


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

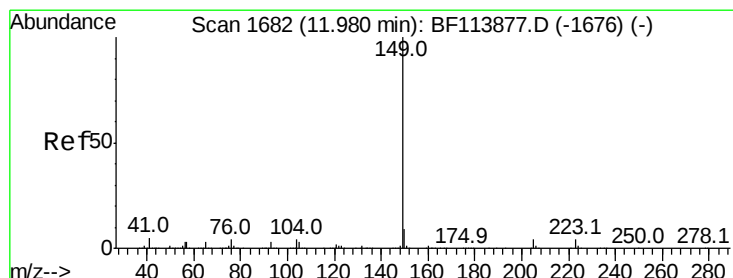
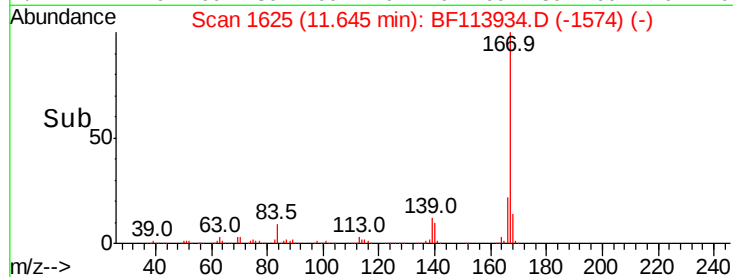
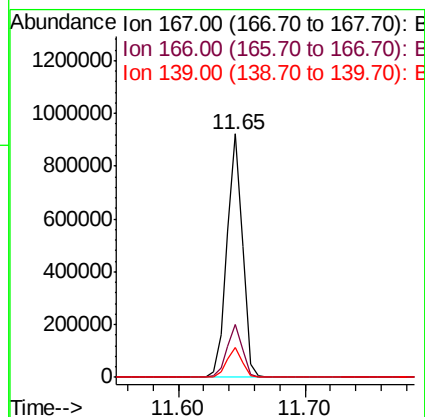
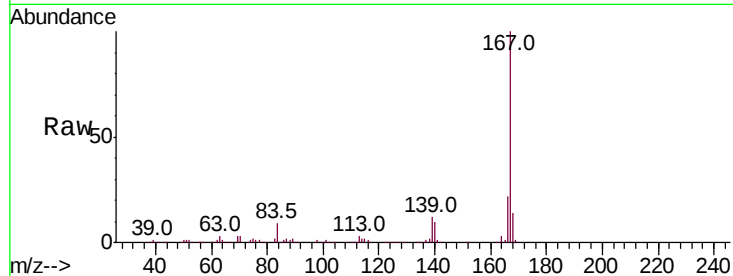




#73
 Carbazole
 Concen: 51.112 ng
 RT: 11.65 min Scan# 1625
 Delta R.T. 0.00 min
 Lab File: BF113934.D
 Acq: 23 Apr 2019 21:25

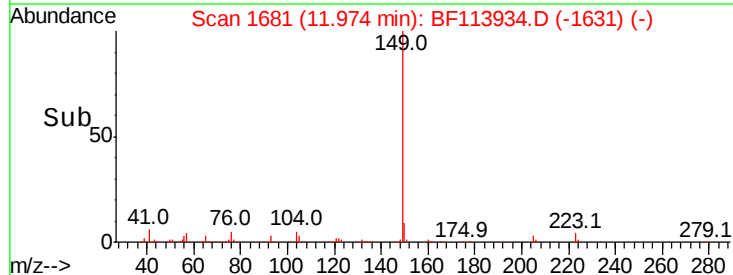
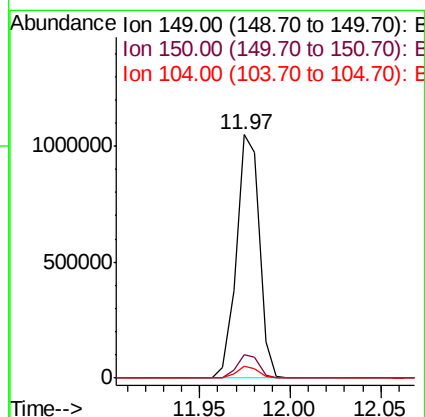
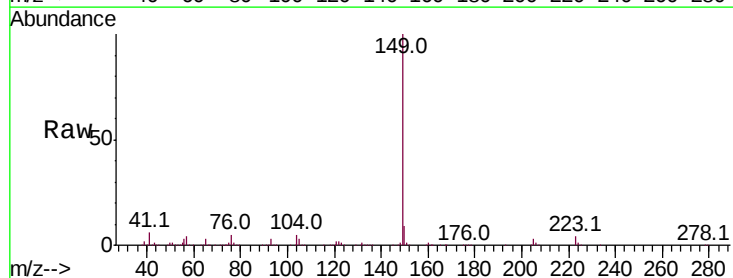
Instrument :
 BNA_F
 ClientSampleId :
 TR-05-042219MSD

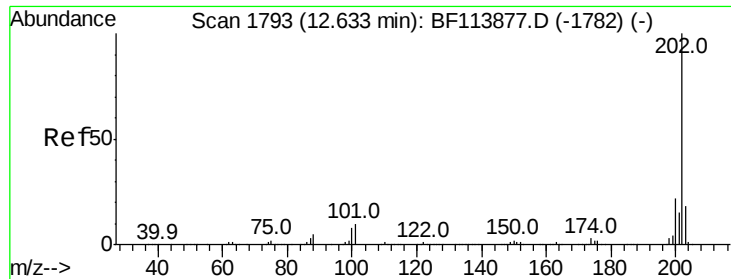
Tot Ion	Ratio	Lower	Upper
167	100		
166	21.8	17.7	26.5
139	12.3	10.0	15.0



#74
 Di-n-butylphthalate
 Concen: 51.186 ng
 RT: 11.97 min Scan# 1681
 Delta R.T. -0.01 min
 Lab File: BF113934.D
 Acq: 23 Apr 2019 21:25

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.4	7.8	11.8
104	4.7	3.8	5.8





#75

Fluoranthene

Concen: 53.949 ng

RT: 12.63 min Scan# 1793

Delta R.T. 0.00 min

Lab File: BF113934.D

Acq: 23 Apr 2019 21:25

Instrument :

BNA_F

ClientSampleId :

TR-05-042219MSD

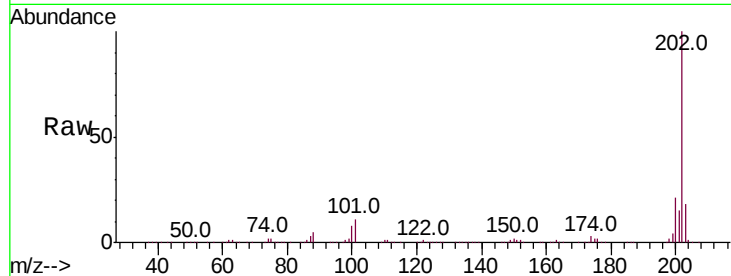
Tot Ion:202 Resp: 1001607

Ion Ratio Lower Upper

202 100

101 11.2 0.0 32.9

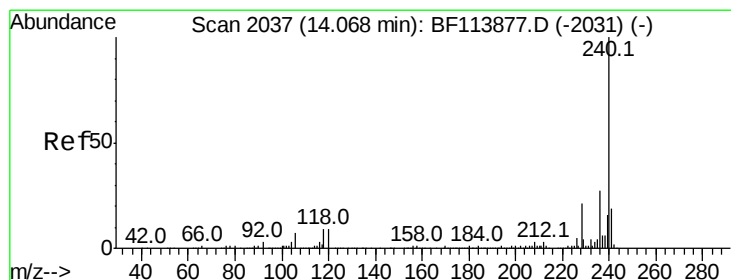
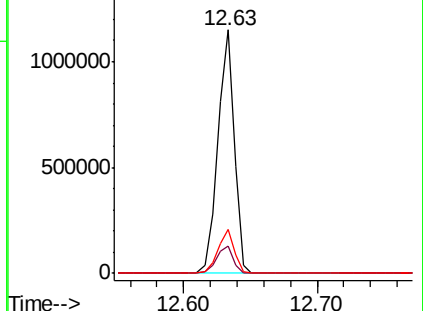
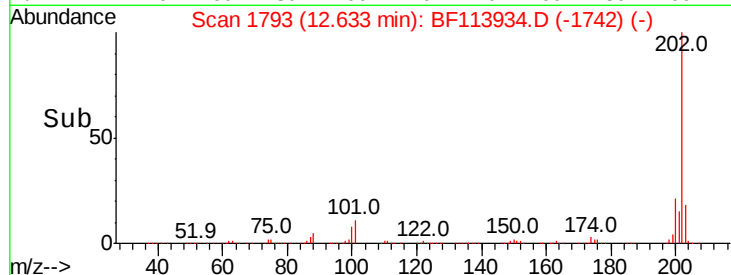
203 17.8 0.0 38.2



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: 14.06 min Scan# 2036

Delta R.T. -0.01 min

Lab File: BF113934.D

Acq: 23 Apr 2019 21:25

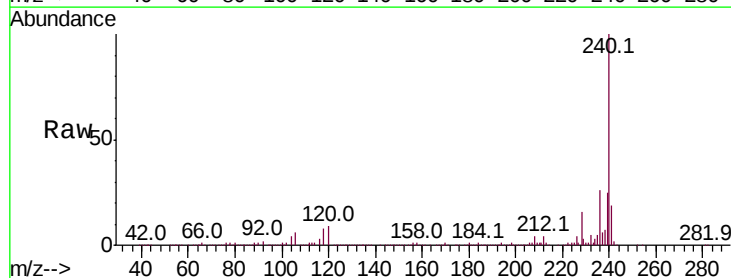
Tgt Ion:240 Resp: 342204

Ion Ratio Lower Upper

240 100

120 8.7 9.3 13.9#

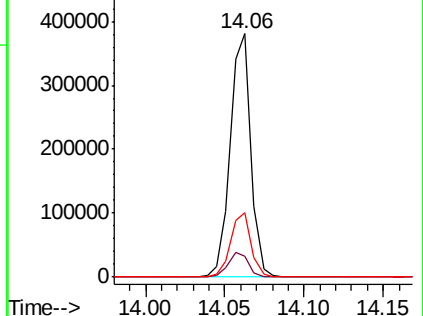
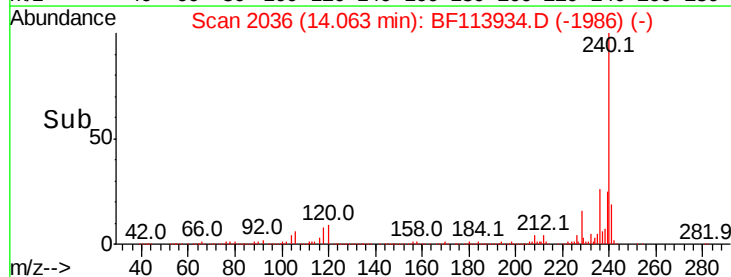
236 26.3 21.2 31.8

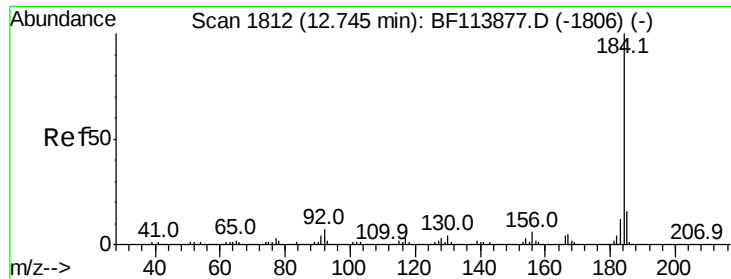


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 12.566 ng

RT: 12.75 min Scan# 1812

Delta R.T. 0.00 min

Lab File: BF113934.D

Acq: 23 Apr 2019 21:25

Instrument :

BNA_F

ClientSampleId :

TR-05-042219MSD

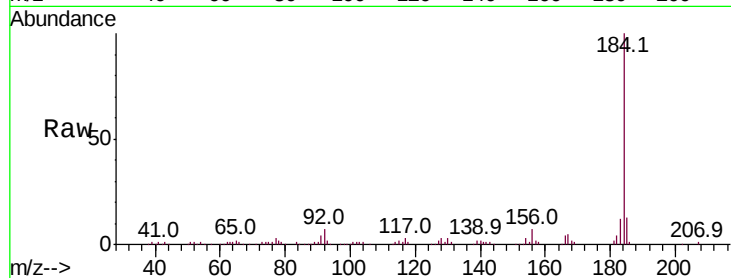
Tot Ion:184 Resp: 128121

Ion Ratio Lower Upper

184 100

185 13.3 13.0 19.6

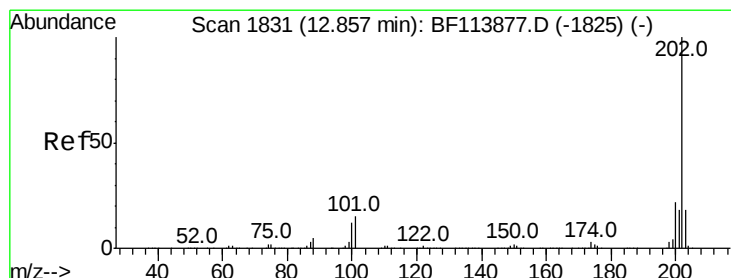
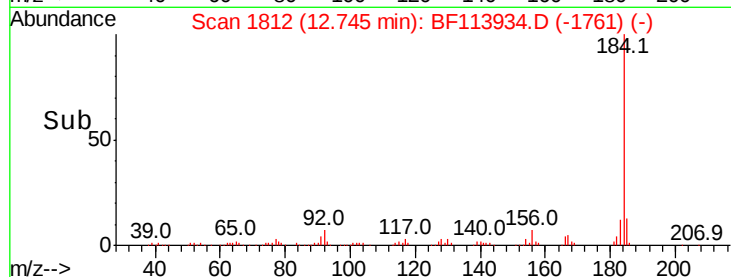
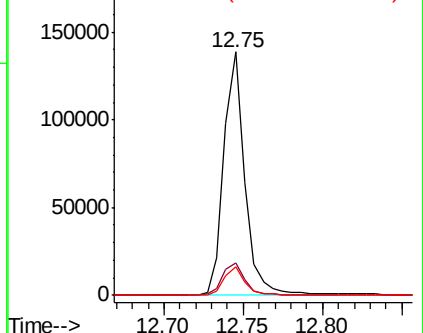
183 11.7 9.4 14.0



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: 42.810 ng

RT: 12.86 min Scan# 1832

Delta R.T. 0.01 min

Lab File: BF113934.D

Acq: 23 Apr 2019 21:25

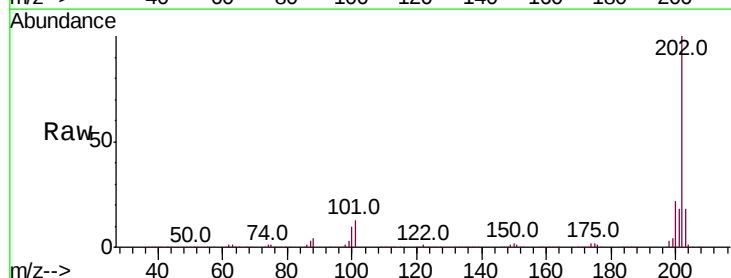
Tgt Ion:202 Resp: 1024491

Ion Ratio Lower Upper

202 100

200 21.8 17.7 26.5

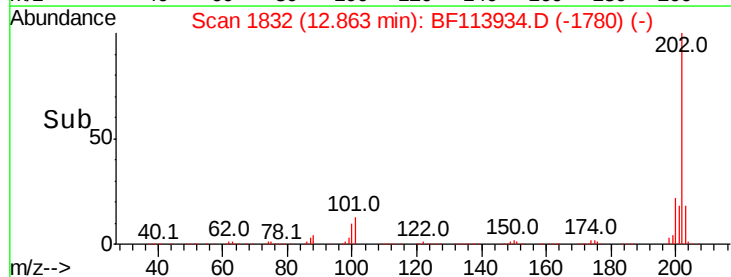
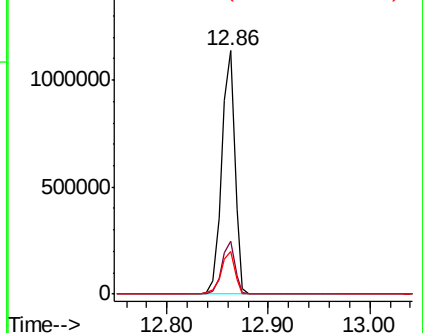
203 17.6 15.0 22.6

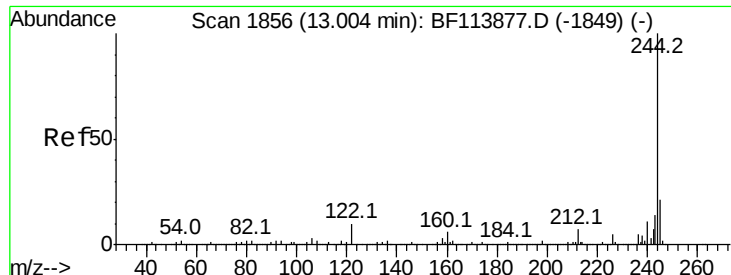


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 84.645 ng

RT: 13.00 min Scan# 1856

Delta R.T. 0.00 min

Lab File: BF113934.D

Acq: 23 Apr 2019 21:25

Instrument :

BNA_F

ClientSampleId :

TR-05-042219MSD

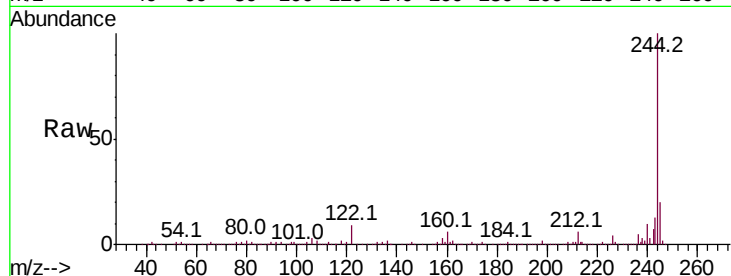
Tot Ion:244 Resp: 1412872

Ion Ratio Lower Upper

244 100

212 6.5 5.4 8.2

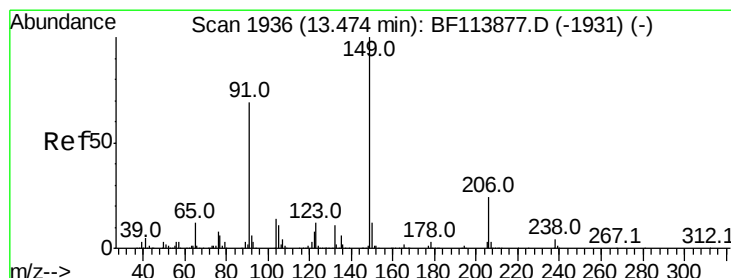
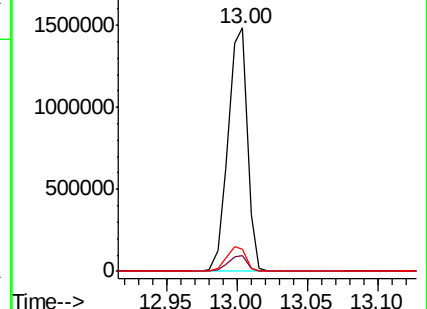
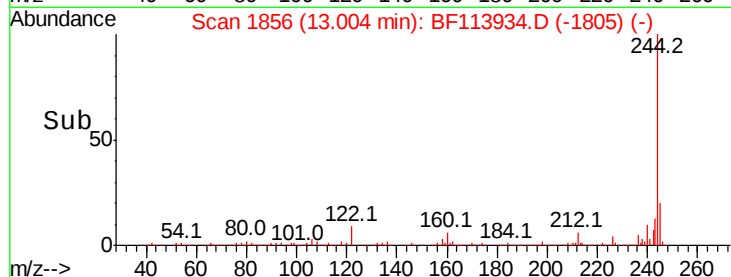
122 8.9 7.6 11.4



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: 46.523 ng

RT: 13.47 min Scan# 1936

Delta R.T. 0.00 min

Lab File: BF113934.D

Acq: 23 Apr 2019 21:25

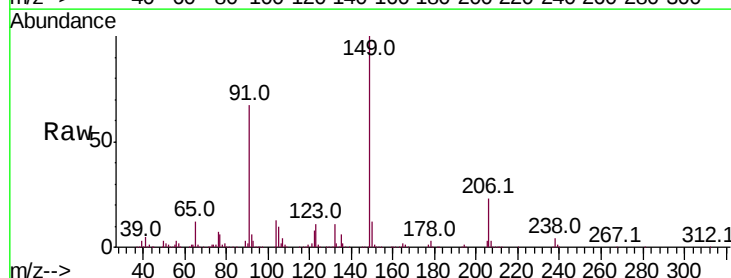
Tgt Ion:149 Resp: 438038

Ion Ratio Lower Upper

149 100

91 66.7 56.3 84.5

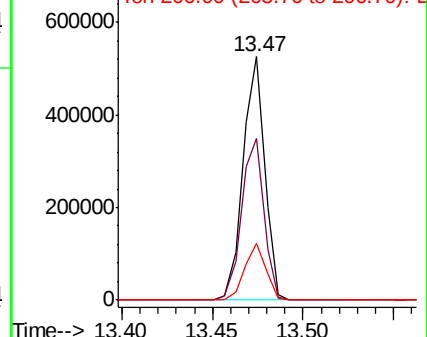
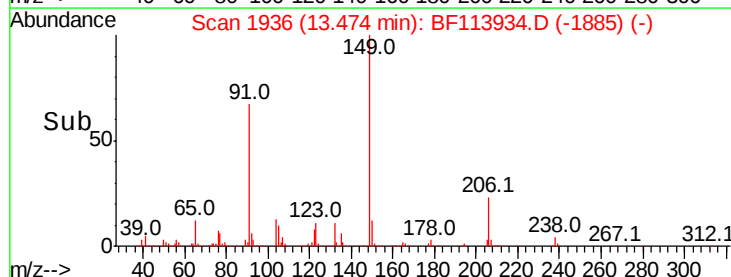
206 23.5 19.0 28.6

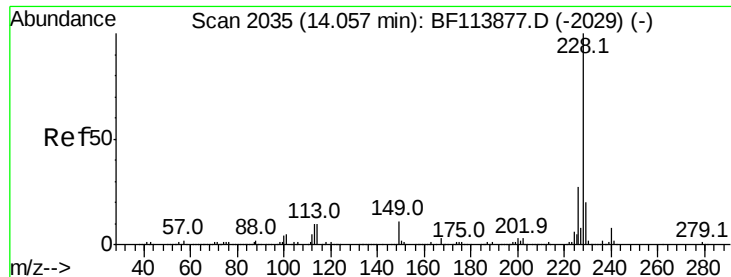


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 50.949 ng

RT: 14.05 min Scan# 2034

Delta R.T. -0.01 min

Lab File: BF113934.D

Acq: 23 Apr 2019 21:25

Instrument :

BNA_F

ClientSampleId :

TR-05-042219MSD

Tot Ion:228 Resp: 1027224

Ion	Ratio	Lower	Upper
228	100		
226	27.4	22.2	33.2
229	19.7	16.0	24.0

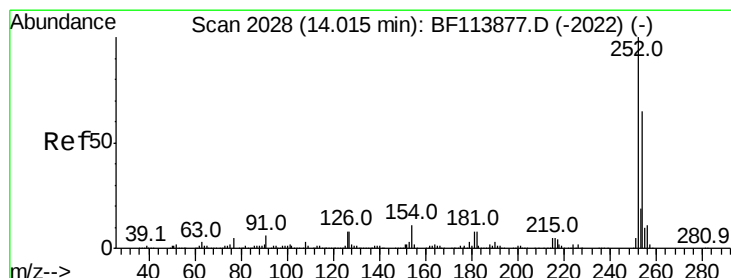
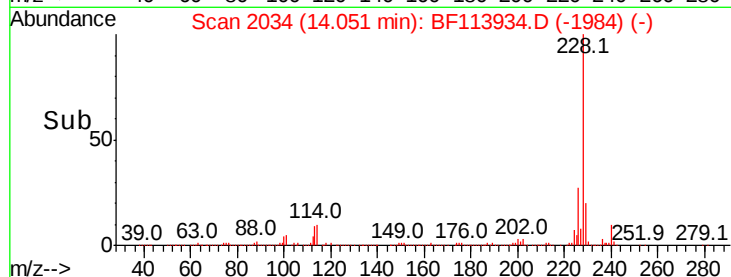
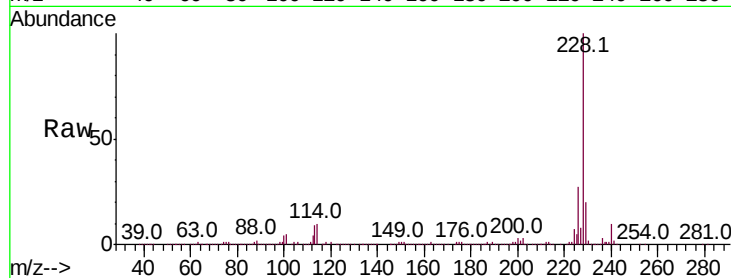
Abundance

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

Time-->



#82

3,3'-Dichlorobenzidine

Concen: 53.665 ng

RT: 14.00 min Scan# 2026

Delta R.T. -0.01 min

Lab File: BF113934.D

Acq: 23 Apr 2019 21:25

Tgt Ion:252 Resp: 396580

Ion	Ratio	Lower	Upper
252	100		
254	64.1	52.1	78.1
126	10.0	9.3	13.9

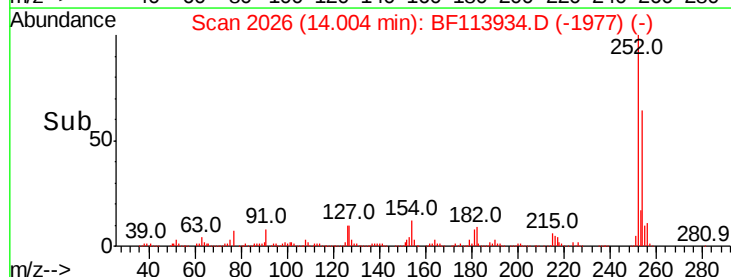
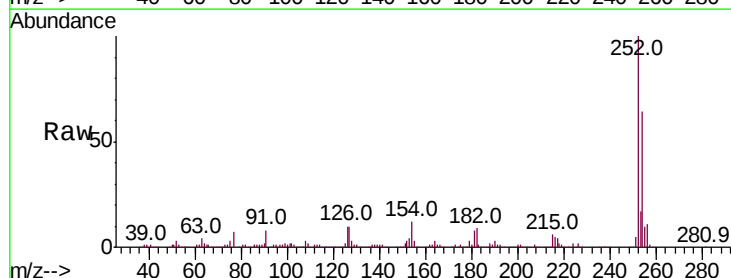
Abundance

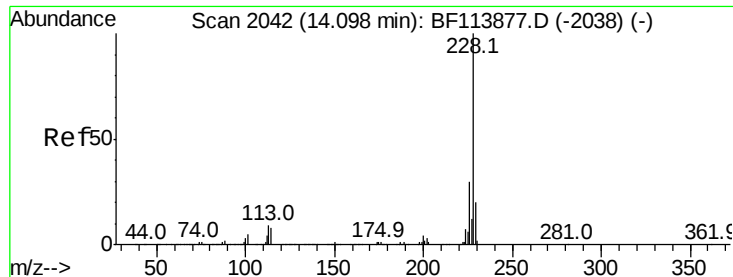
Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E

Time-->





#83

Chrysene

Concen: 51.822 ng

RT: 14.09 min Scan# 2040

Delta R.T. -0.01 min

Lab File: BF113934.D

Acq: 23 Apr 2019 21:25

Instrument :

BNA_F

ClientSampleId :

TR-05-042219MSD

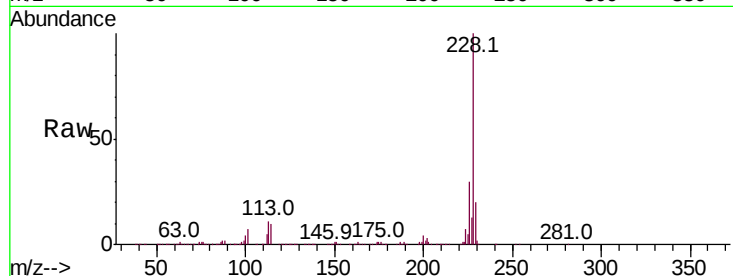
Tot Ion:228 Resp: 1017572

Ion Ratio Lower Upper

228 100

226 30.2 25.2 37.8

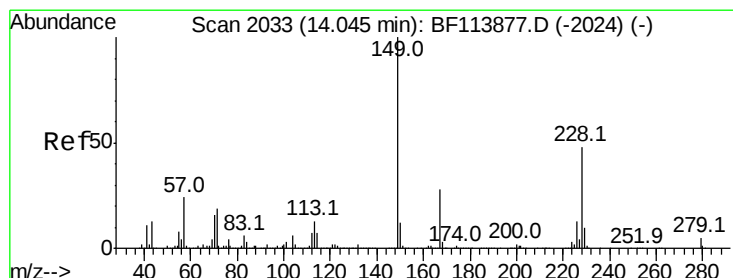
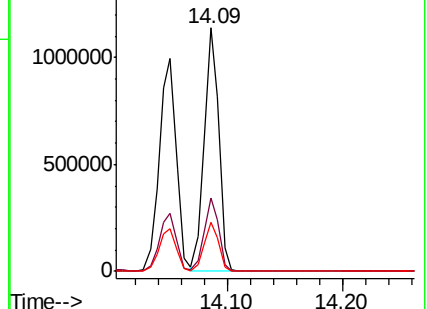
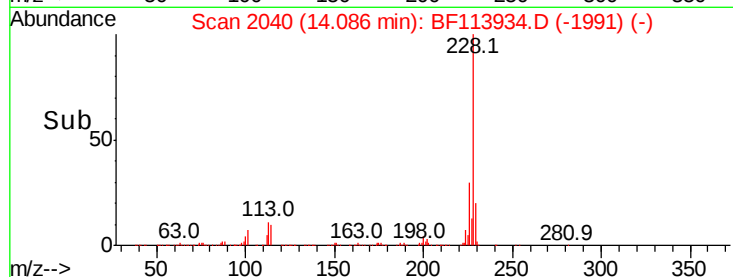
229 20.3 16.7 25.1



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: 51.503 ng

RT: 14.03 min Scan# 2031

Delta R.T. -0.01 min

Lab File: BF113934.D

Acq: 23 Apr 2019 21:25

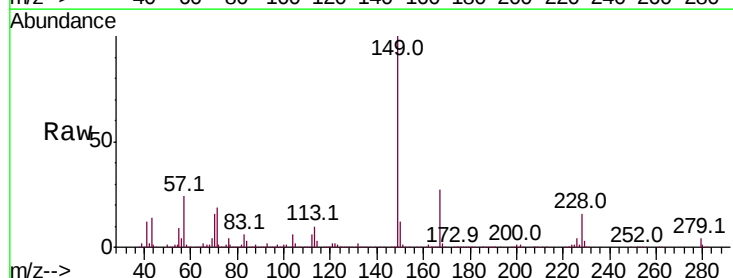
Tgt Ion:149 Resp: 616979

Ion Ratio Lower Upper

149 100

167 27.4 22.9 34.3

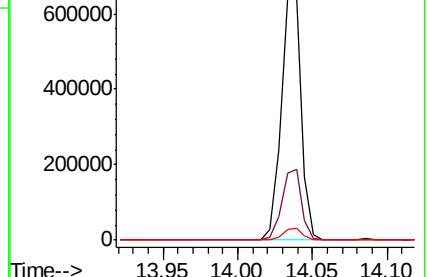
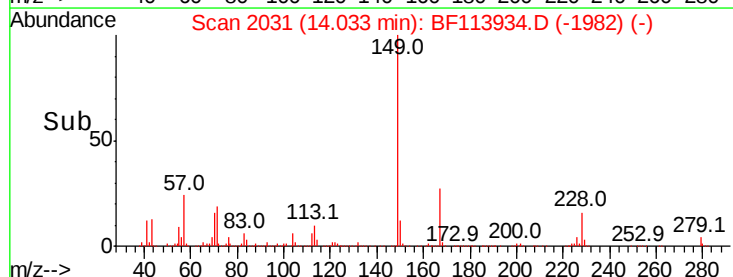
279 4.3 4.2 6.2

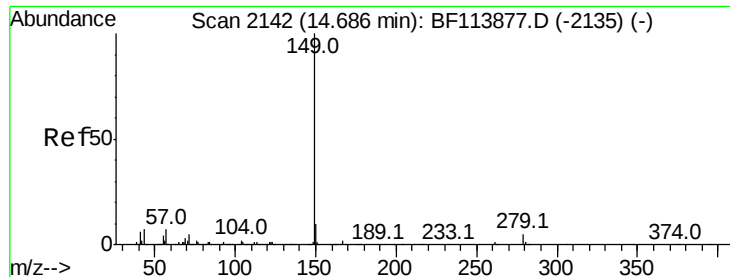


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 59.264 ng

RT: 14.66 min Scan# 2137

Delta R.T. -0.03 min

Lab File: BF113934.D

Acq: 23 Apr 2019 21:25

Instrument :

BNA_F

ClientSampleId :

TR-05-042219MSD

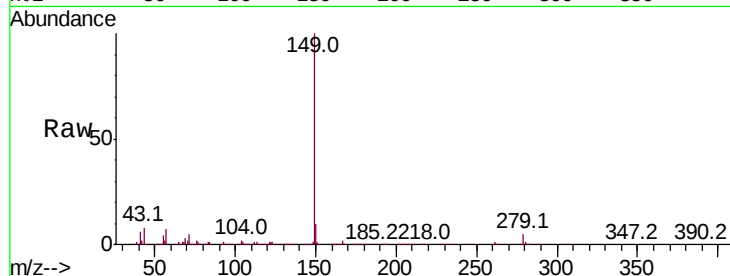
Tot Ion:149 Resp: 1111239

Ion Ratio Lower Upper

149 100

167 1.8 1.3 1.9

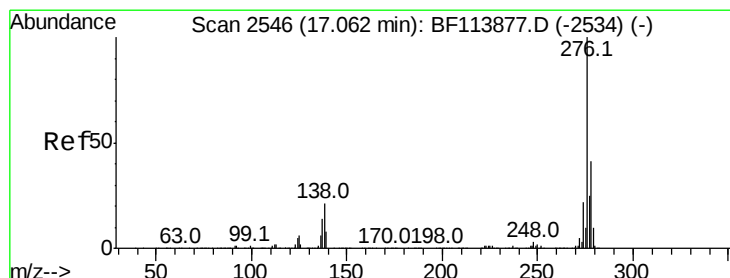
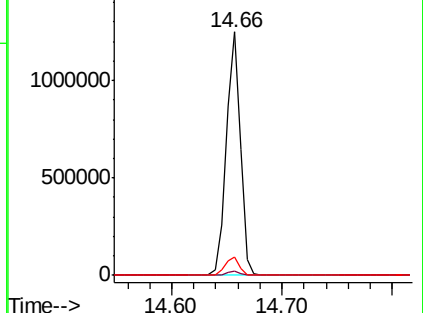
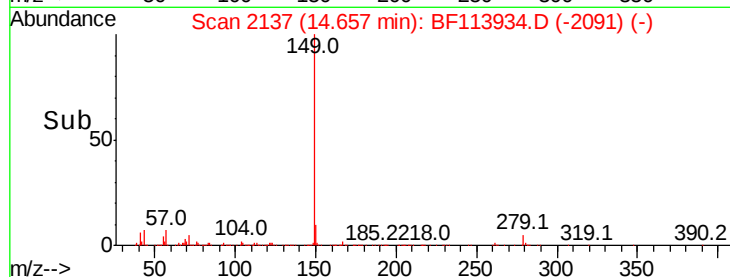
43 7.6 6.6 10.0



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: 42.181 ng

RT: 17.04 min Scan# 2542

Delta R.T. -0.02 min

Lab File: BF113934.D

Acq: 23 Apr 2019 21:25

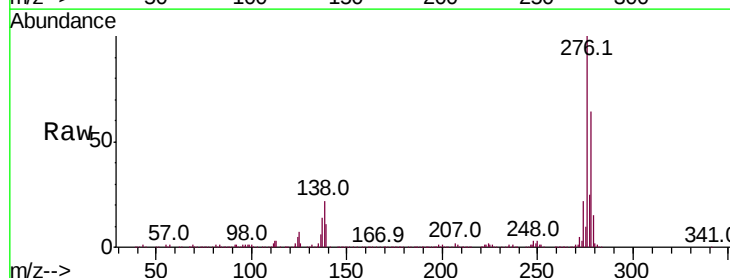
Tgt Ion:276 Resp: 784555

Ion Ratio Lower Upper

276 100

138 22.9 19.6 29.4

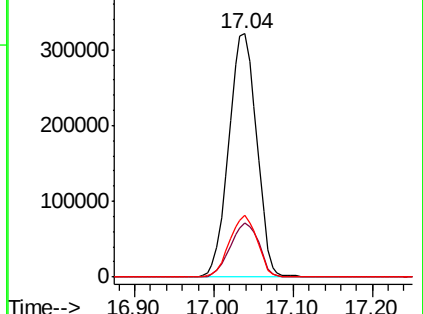
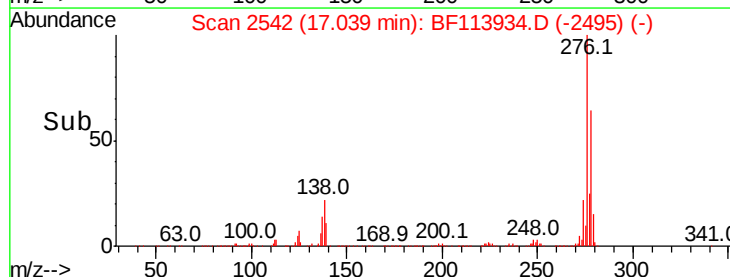
277 25.3 20.2 30.4

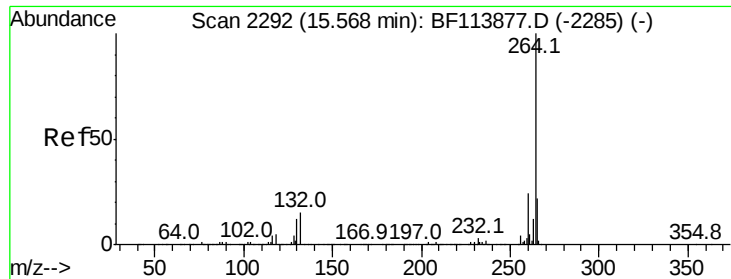


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

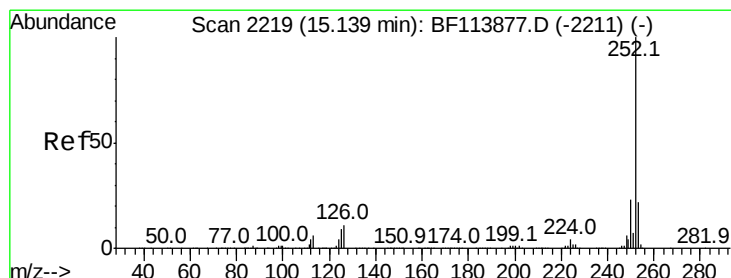
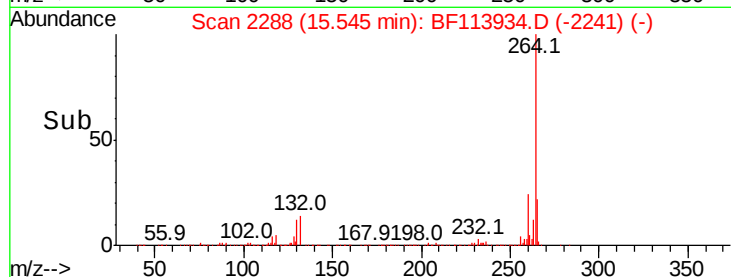
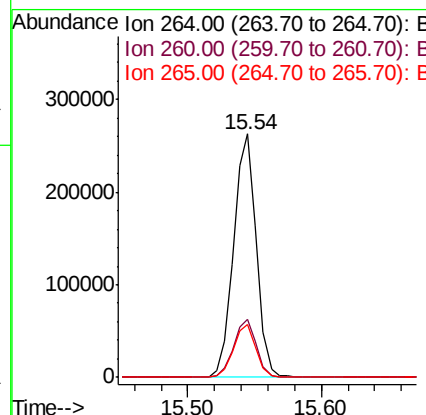
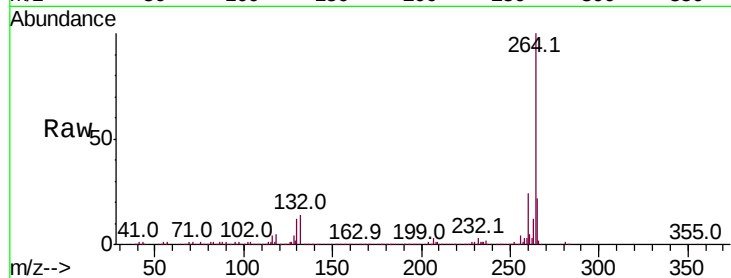




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.54 min Scan# 2288
Delta R.T. -0.02 min
Lab File: BF113934.D
Acq: 23 Apr 2019 21:25

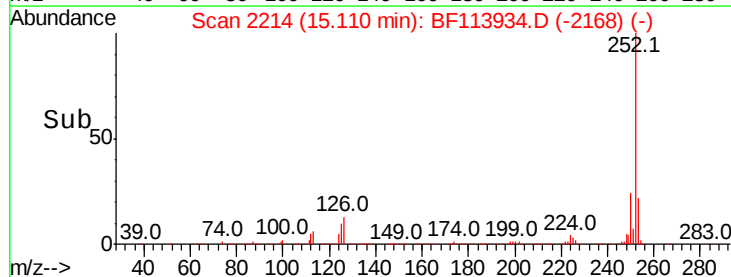
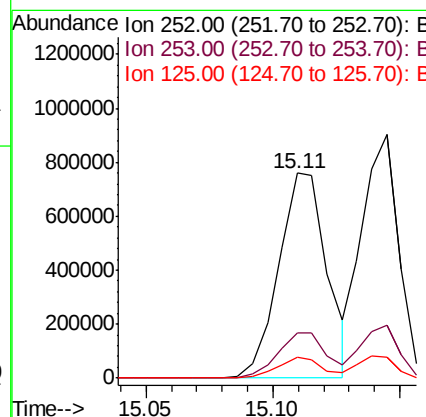
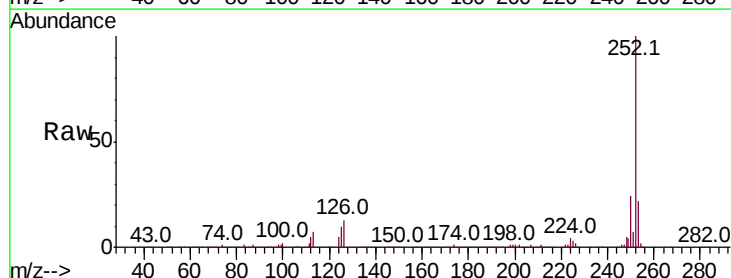
Instrument :
BNA_F
ClientSampleId :
TR-05-042219MSD

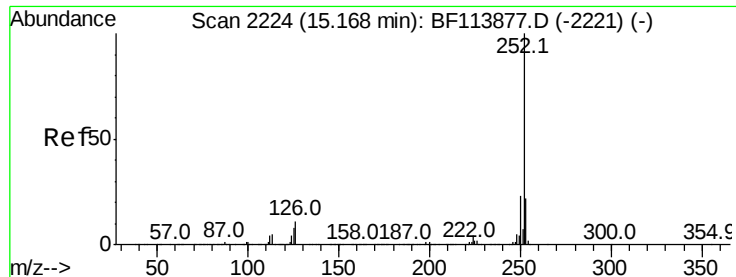
Tot Ion	Ratio	Lower	Upper
264	100		
260	23.6	18.9	28.3
265	21.7	17.3	25.9



#88
Benzo(b)fluoranthene
Concen: 50.903 ng
RT: 15.11 min Scan# 2214
Delta R.T. -0.03 min
Lab File: BF113934.D
Acq: 23 Apr 2019 21:25

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.8	26.6
125	9.9	7.0	10.6

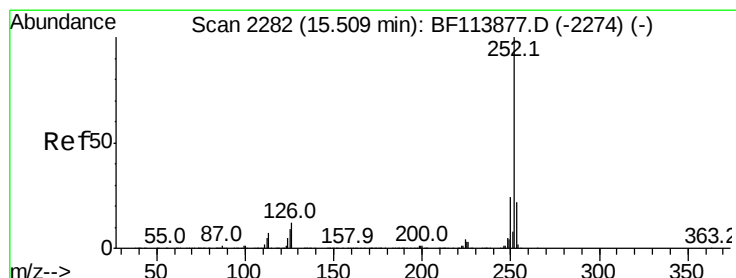
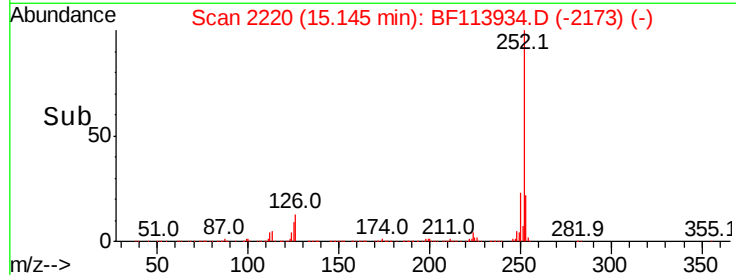
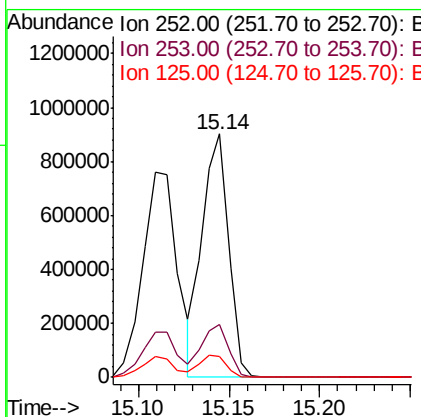
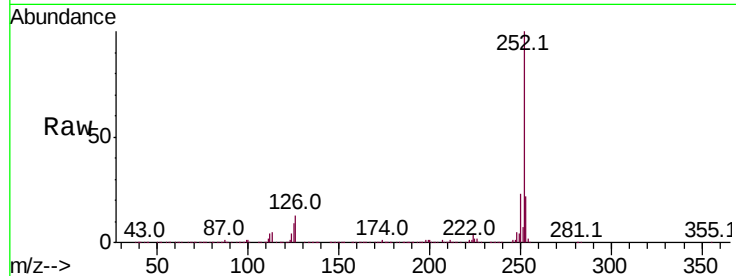




#89
Benzo(k)fluoranthene
Concen: 53.417 ng
RT: 15.14 min Scan# 2220
Delta R.T. -0.02 min
Lab File: BF113934.D
Acq: 23 Apr 2019 21:25

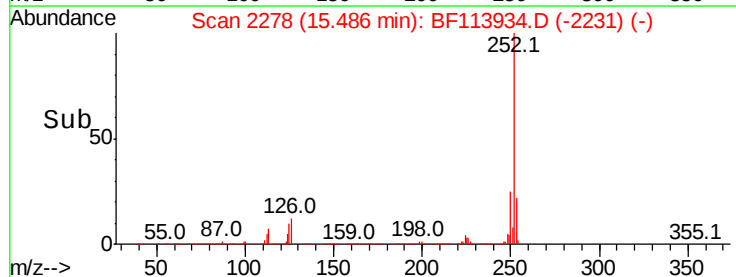
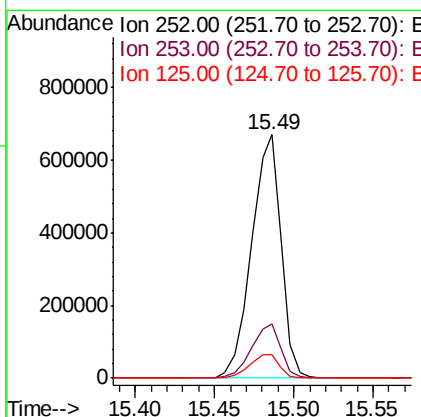
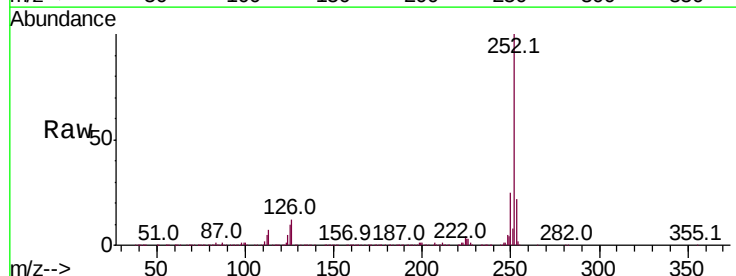
Instrument :
BNA_F
ClientSampleId :
TR-05-042219MSD

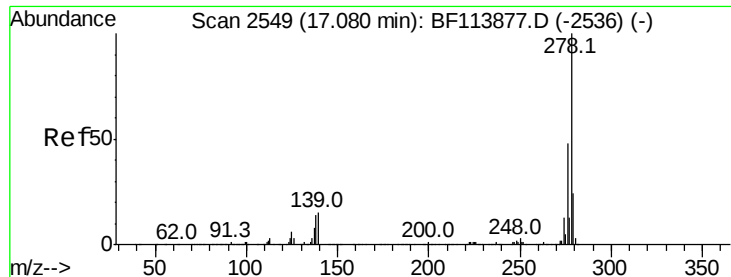
Tot Ion	Ratio	Lower	Upper
252	100		
253	21.9	18.2	27.2
125	8.6	7.4	11.2



#90
Benzo(a)pyrene
Concen: 50.362 ng
RT: 15.49 min Scan# 2278
Delta R.T. -0.02 min
Lab File: BF113934.D
Acq: 23 Apr 2019 21:25

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.5	26.3
125	9.9	8.5	12.7





#91

Dibenzo(a,h)anthracene

Concen: 41.969 ng

RT: 17.05 min Scan# 2544

Delta R.T. -0.03 min

Lab File: BF113934.D

Acq: 23 Apr 2019 21:25

Instrument :

BNA_F

ClientSampleId :

TR-05-042219MSD

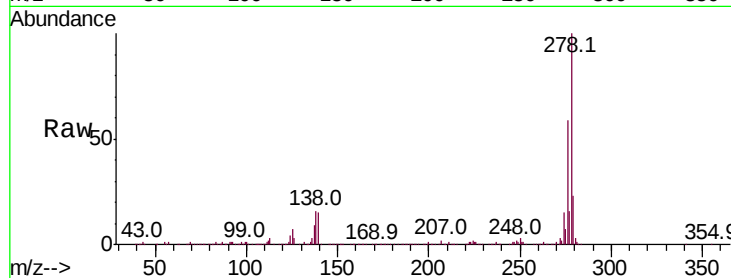
Tot Ion:278 Resp: 677439

Ion Ratio Lower Upper

278 100

139 14.5 11.6 17.4

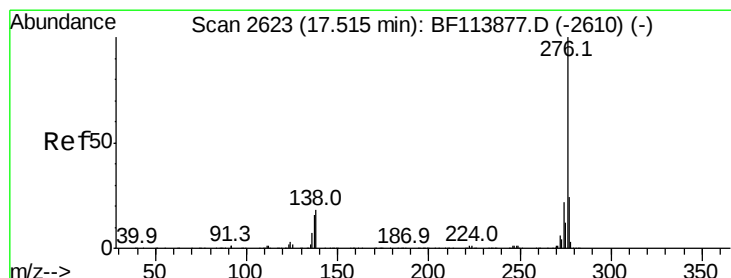
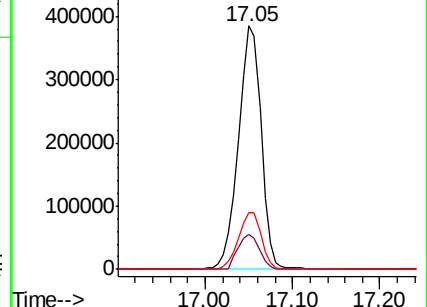
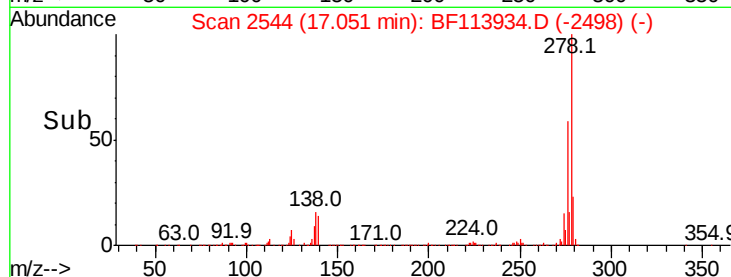
279 23.4 19.0 28.6



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: 38.509 ng

RT: 17.49 min Scan# 2618

Delta R.T. -0.03 min

Lab File: BF113934.D

Acq: 23 Apr 2019 21:25

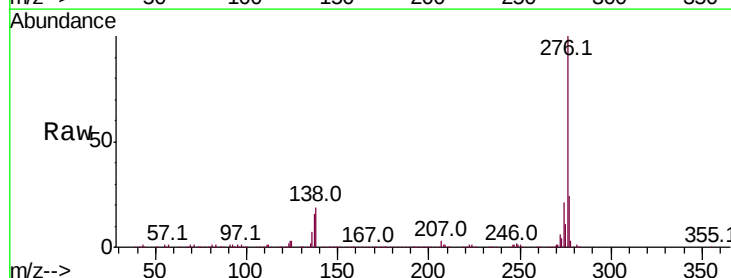
Tgt Ion:276 Resp: 627300

Ion Ratio Lower Upper

276 100

277 23.6 19.0 28.4

138 18.8 16.6 25.0



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

