

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040319\
 Data File : BF113547.D
 Acq On : 3 Apr 2019 14:23
 Operator : JU/SJ
 Sample : SSTDICC100
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 03 14:50:54 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 03 14:08:46 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.69	152	136079	20.00	ng	0.00
21) Naphthalene-d8	7.97	136	520665	20.00	ng	0.00
39) Acenaphthene-d10	9.73	164	246475	20.00	ng	0.00
64) Phenanthrene-d10	11.21	188	466230	20.00	ng	0.00
76) Chrysene-d12	13.84	240	280838	20.00	ng	0.00
87) Perylene-d12	15.25	264	279729	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.30	112	1409657	169.38	ng	0.00
7) Phenol-d6	6.35	99	1698852	161.36	ng	0.01
23) Nitrobenzene-d5	7.27	82	1650088	188.10	ng	0.01
42) 2,4,6-Tribromophenol	10.53	330	503241	165.29	ng	0.01
45) 2-Fluorobiphenyl	9.06	172	2617759	155.75	ng	0.00
79) Terphenyl-d14	12.80	244	2430956	190.79	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.33	88	368193	87.199	ng	98
3) Pyridine	3.02	79	999933	96.061	ng	100
4) n-Nitrosodimethylamine	3.00	42	428740	92.650	ng	100
6) Aniline	6.36	93	1052327	82.079	ng	87
8) 2-Chlorophenol	6.49	128	806552	83.457	ng	99
9) Benzaldehyde	6.24	77	490916	69.488	ng	99
10) Phenol	6.37	94	992103	82.542	ng	88
11) bis(2-Chloroethyl)ether	6.44	93	796507	86.452	ng	98
12) 1,3-Dichlorobenzene	6.63	146	898006	86.202	ng	99
13) 1,4-Dichlorobenzene	6.71	146	892337	88.716	ng	98
14) 1,2-Dichlorobenzene	6.86	146	760760	76.880	ng	98
15) Benzyl Alcohol	6.85	79	564478	81.272	ng	99
16) 2,2'-oxybis(1-Chloropropan	6.97	45	1185225	85.633	ng	88
17) 2-Methylphenol	6.97	107	635473	83.904	ng	# 91
18) Hexachloroethane	7.20	117	332411	92.012	ng	98
19) n-Nitroso-di-n-propylamine	7.13	70	532759	80.561	ng	97
20) 3+4-Methylphenols	7.13	107	704624	74.288	ng	85
22) Acetophenone	7.12	105	1035413	87.200	ng	95
24) Nitrobenzene	7.29	77	845267	92.339	ng	96
25) Isophorone	7.53	82	1654282	97.310	ng	99
26) 2-Nitrophenol	7.60	139	470374	97.214	ng	95
27) 2,4-Dimethylphenol	7.65	122	654462	94.029	ng	99
28) bis(2-Chloroethoxy)methane	7.73	93	984988	92.007	ng	99
29) 2,4-Dichlorophenol	7.85	162	667107	88.445	ng	98
30) 1,2,4-Trichlorobenzene	7.92	180	748828	92.020	ng	98
31) Naphthalene	8.00	128	2202147	86.550	ng	98
32) Benzoic acid	7.83	122	557581	99.521	ng	98
33) 4-Chloroaniline	8.05	127	916903	92.414	ng	99
34) Hexachlorobutadiene	8.12	225	452207	93.496	ng	99
35) Caprolactam	8.47	113	179213	74.032	ng	98
36) 4-Chloro-3-methylphenol	8.56	107	680492	89.699	ng	96
37) 2-Methylnaphthalene	8.69	142	1445342	91.040	ng	99
38) 1-Methylnaphthalene	8.79	142	1400999	91.746	ng	98
40) 1,2,4,5-Tetrachlorobenzene	8.86	216	706828	89.339	ng	99

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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.85	237	295108	88.122	ng	100
43) 2,4,6-Trichlorophenol	8.97	196	468241	90.883	ng	100
44) 2,4,5-Trichlorophenol	9.03	196	494525	86.731	ng	98
46) 1,1'-Biphenyl	9.16	154	1738794	84.467	ng	97
47) 2-Chloronaphthalene	9.18	162	1372362	86.586	ng	97
48) 2-Nitroaniline	9.29	65	440540	88.570	ng	99
49) Acenaphthylene	9.60	152	2089940	81.550	ng	99
50) Dimethylphthalate	9.47	163	1687379	92.379	ng	100
51) 2,6-Dinitrotoluene	9.53	165	361777	87.795	ng	93
52) Acenaphthene	9.77	154	1234614	85.545	ng	99
53) 3-Nitroaniline	9.70	138	412064	88.673	ng	97
54) 2,4-Dinitrophenol	9.82	184	197749	96.487	ng	100
55) Dibenzofuran	9.94	168	1738458	80.126	ng	98
56) 4-Nitrophenol	9.88	139	274331	82.804	ng	93
57) 2,4-Dinitrotoluene	9.95	165	417464	79.664	ng	# 81
58) Fluorene	10.28	166	1370728	81.325	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.06	232	417013	86.487	ng	98
60) Diethylphthalate	10.16	149	1559103	87.010	ng	99
61) 4-Chlorophenyl-phenylether	10.27	204	670858	81.665	ng	97
62) 4-Nitroaniline	10.33	138	418538	87.478	ng	98
63) Azobenzene	10.43	77	1434429	85.042	ng	97
65) 4,6-Dinitro-2-methylphenol	10.36	198	248946	97.607	ng	95
66) n-Nitrosodiphenylamine	10.40	169	1287171	89.972	ng	100
67) 4-Bromophenyl-phenylether	10.76	248	486742	95.787	ng	98
68) Hexachlorobenzene	10.83	284	540528	91.641	ng	97
69) Atrazine	10.93	200	392029	86.816	ng	99
70) Pentachlorophenol	11.03	266	281628	91.644	ng	99
71) Phenanthrene	11.24	178	1993804	86.114	ng	98
72) Anthracene	11.29	178	2019177	85.858	ng	98
73) Carbazole	11.44	167	1892904	84.352	ng	99
74) Di-n-butylphthalate	11.77	149	2239410	86.055	ng	98
75) Fluoranthene	12.42	202	2042537	78.036	ng	100
77) Benzidine	12.80	184	29361	2.730	ng	95
78) Pyrene	12.65	202	2031347	104.380	ng	99
80) Butylbenzylphthalate	13.27	149	834932	97.349	ng	96
81) Benzo(a)anthracene	13.84	228	1488651	92.603	ng	98
82) 3,3'-Dichlorobenzidine	13.80	252	497772	77.185	ng	100
83) Chrysene	13.87	228	1509423	92.441	ng	100
84) Bis(2-ethylhexyl)phthalate	13.83	149	989597	94.120	ng	99
85) Di-n-octyl phthalate	14.44	149	1674689	93.835	ng	100
86) Indeno(1,2,3-cd)pyrene	16.63	276	1843547	131.556	ng	99
88) Benzo(b)fluoranthene	14.86	252	1621468	93.313	ng	99
89) Benzo(k)fluoranthene	14.89	252	1224125	80.218	ng	98
90) Benzo(a)pyrene	15.20	252	1394909	90.549	ng	99
91) Dibenzo(a,h)anthracene	16.64	278	1474395	110.689	ng	99
92) Benzo(g,h,i)perylene	17.05	276	1589138	118.323	ng	99

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

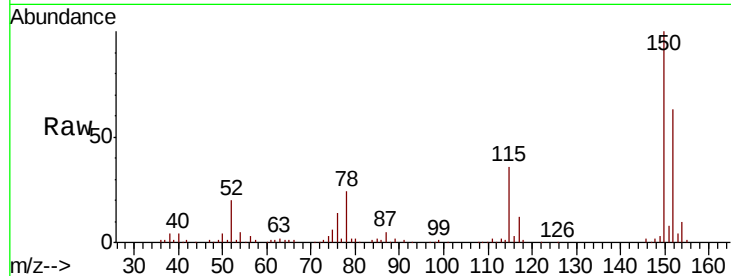


#1

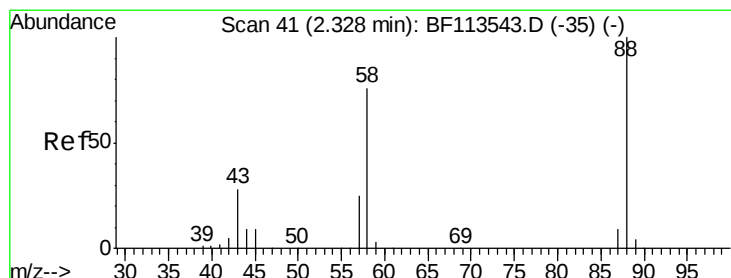
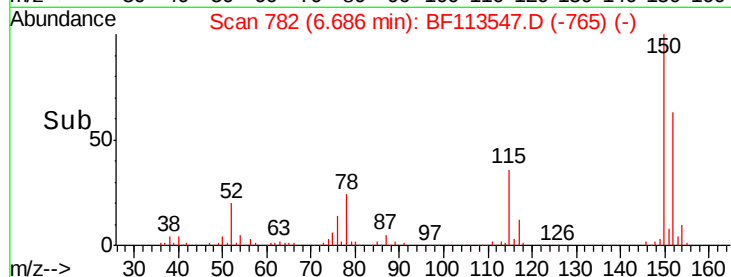
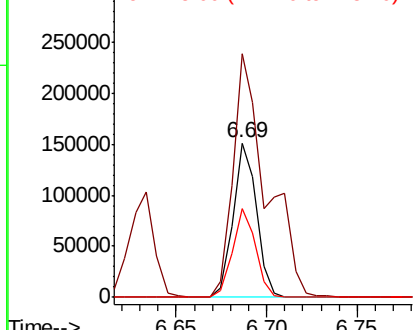
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.69 min Scan# 782
Delta R.T. -0.00 min
Lab File: BF113547.D
Acq: 3 Apr 2019 14:23

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 136079
Ion Ratio Lower Upper
152 100
150 157.8 126.7 190.1
115 57.2 44.2 66.2



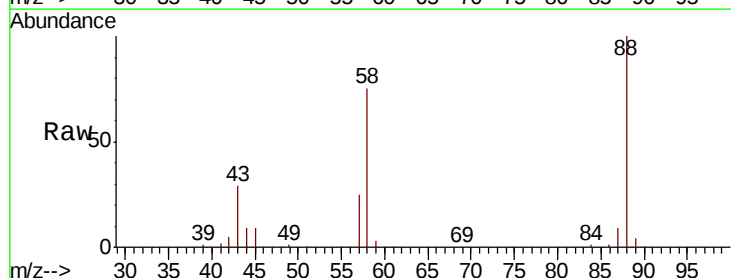
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



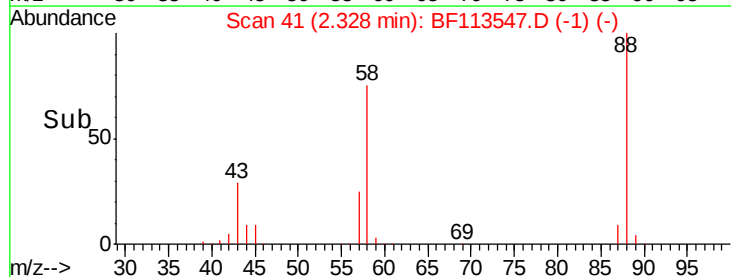
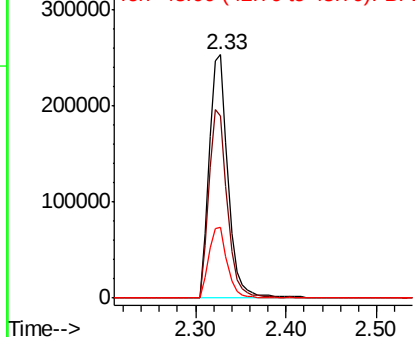
#2

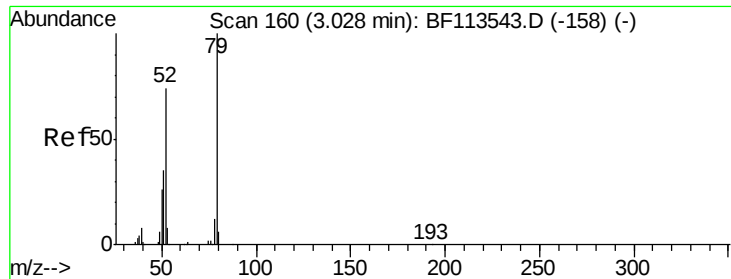
1,4-Dioxane
Concen: 87.199 ng
RT: 2.33 min Scan# 41
Delta R.T. -0.00 min
Lab File: BF113547.D
Acq: 3 Apr 2019 14:23

Tgt Ion: 88 Resp: 368193
Ion Ratio Lower Upper
88 100
58 76.0 62.9 94.3
43 29.0 23.4 35.0



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: 96.061 ng

RT: 3.02 min Scan# 159

Delta R.T. -0.01 min

Lab File: BF113547.D

Acq: 3 Apr 2019 14:23

Instrument :

BNA_F

ClientSampleId :

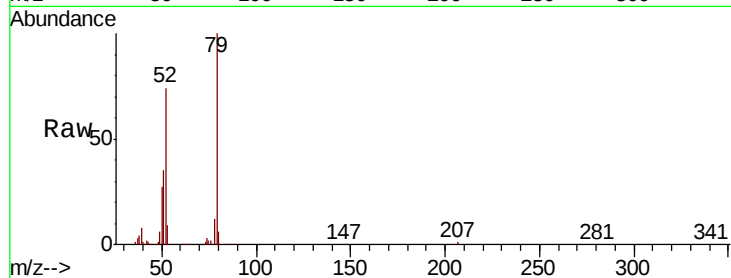
Tot Ion: 79 Resp: 999933

Ion Ratio Lower Upper

79 100

52 74.2 59.5 89.3

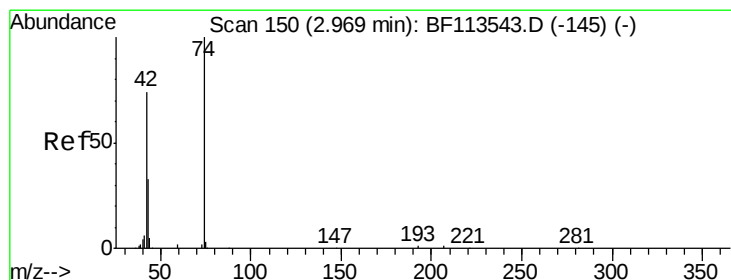
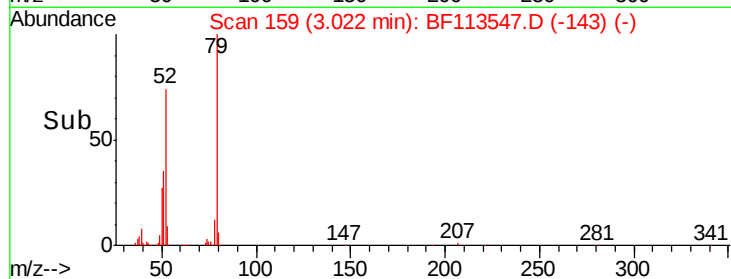
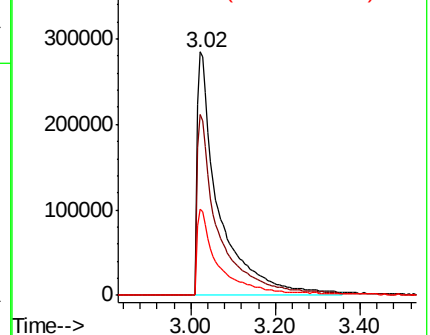
51 35.4 28.8 43.2



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: 92.650 ng

RT: 3.00 min Scan# 155

Delta R.T. 0.03 min

Lab File: BF113547.D

Acq: 3 Apr 2019 14:23

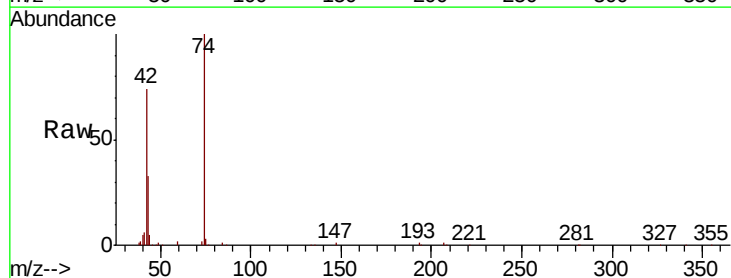
Tgt Ion: 42 Resp: 428740

Ion Ratio Lower Upper

42 100

74 135.2 108.6 162.8

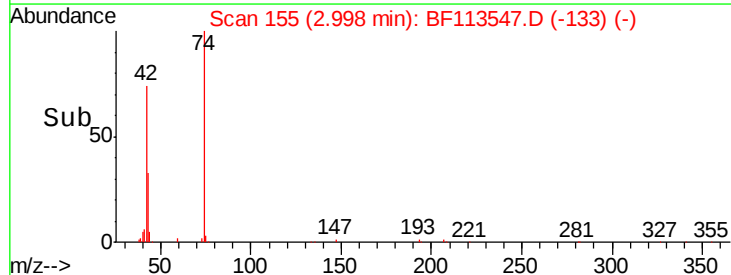
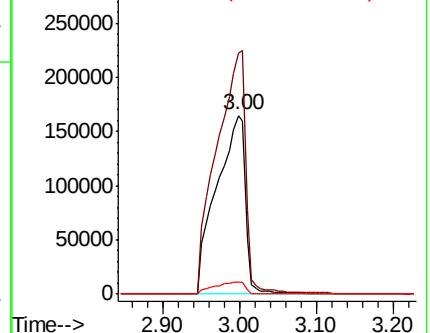
44 6.6 5.8 8.8



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: 169.384 ng

RT: 5.30 min Scan# 547

Delta R.T. 0.01 min

Lab File: BF113547.D

Acq: 3 Apr 2019 14:23

Instrument :
BNA_F
ClientSampleId :

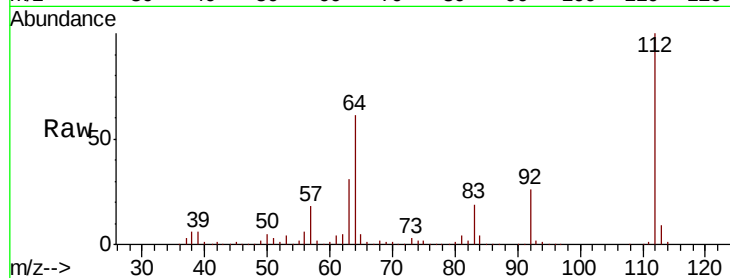
Tot Ion:112 Resp: 1409657

Ion Ratio Lower Upper

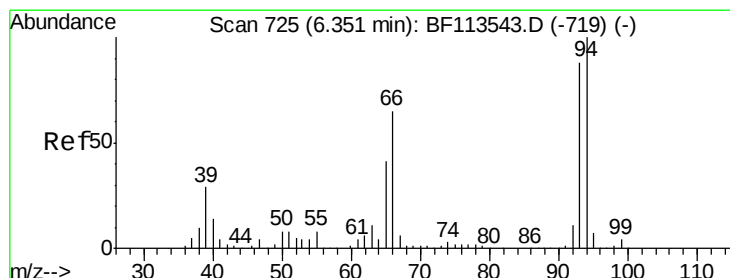
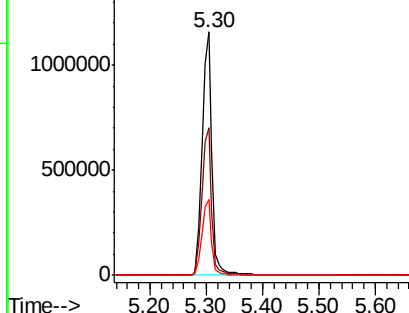
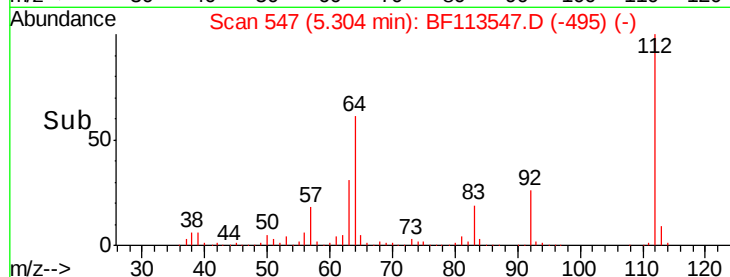
112 100

64 60.8 45.8 68.6

63 31.0 23.1 34.7



Abundance Ion 112.00 (111.70 to 112.70): BF1
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 82.079 ng

RT: 6.36 min Scan# 727

Delta R.T. 0.01 min

Lab File: BF113547.D

Acq: 3 Apr 2019 14:23

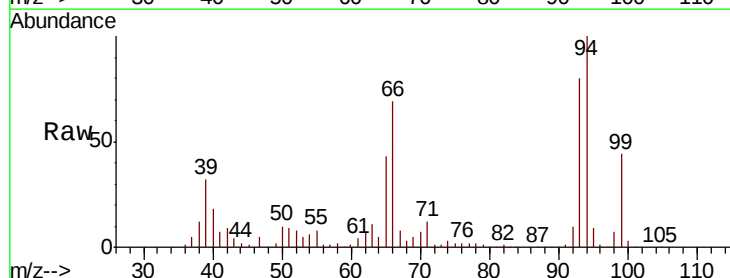
Tgt Ion: 93 Resp: 1052327

Ion Ratio Lower Upper

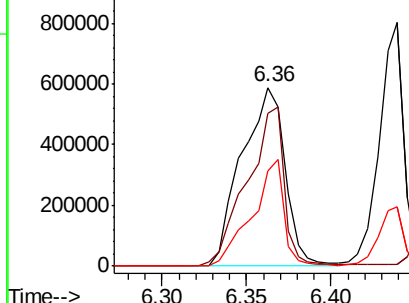
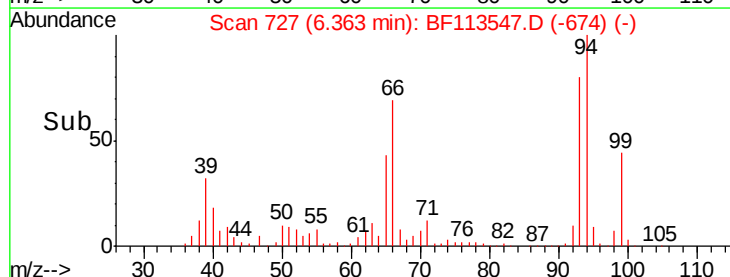
93 100

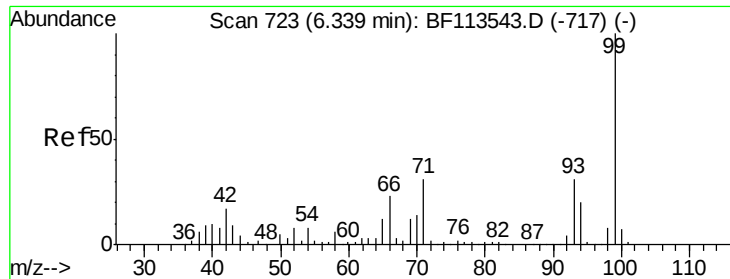
66 85.7 59.0 88.4

65 53.5 37.4 56.0



Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 66.00 (65.70 to 66.70): BF1
Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 161.363 ng

RT: 6.35 min Scan# 725

Delta R.T. 0.01 min

Lab File: BF113547.D

Acq: 3 Apr 2019 14:23

Instrument :

BNA_F

ClientSampled :

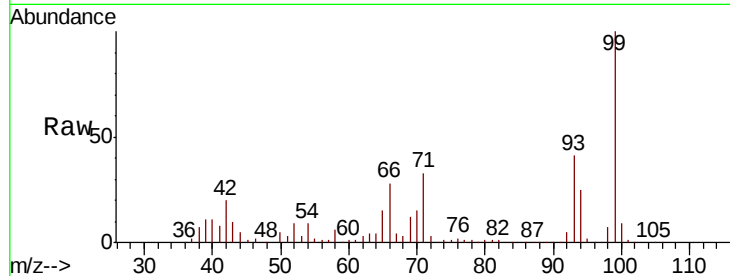
Tot Ion: 99 Resp: 1698852

Ion Ratio Lower Upper

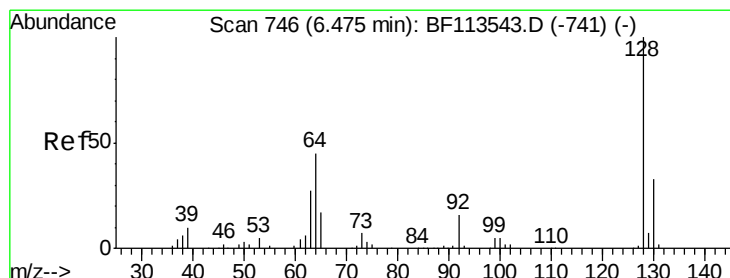
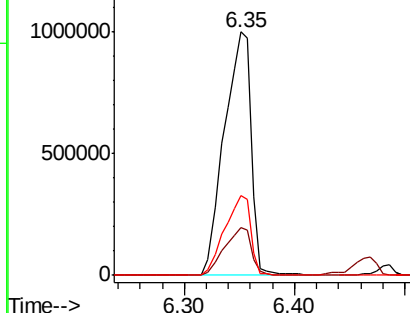
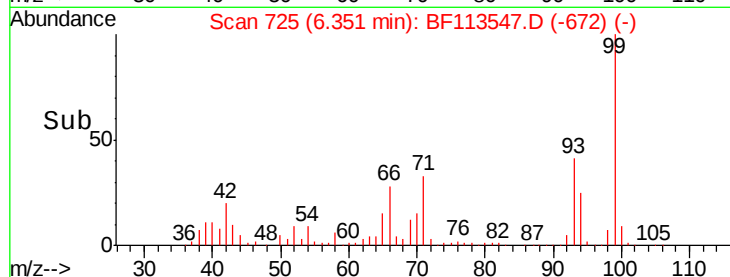
99 100

42 19.8 13.9 20.9

71 32.7 24.4 36.6



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: 83.457 ng

RT: 6.49 min Scan# 748

Delta R.T. 0.01 min

Lab File: BF113547.D

Acq: 3 Apr 2019 14:23

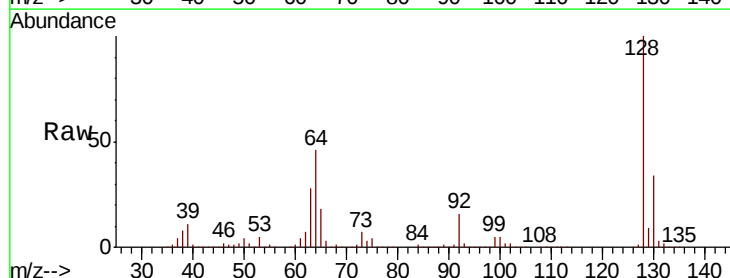
Tgt Ion:128 Resp: 806552

Ion Ratio Lower Upper

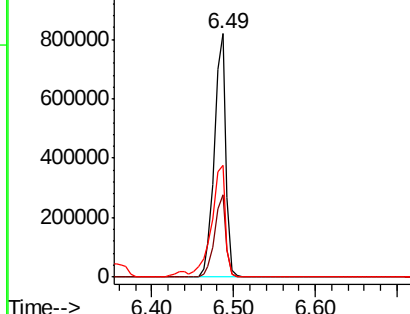
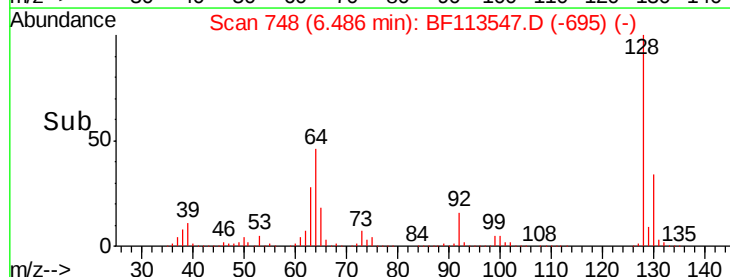
128 100

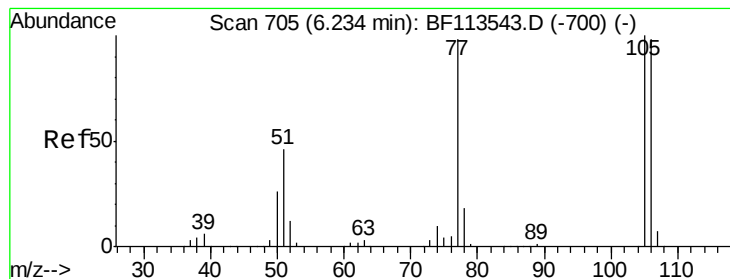
130 33.8 13.0 53.0

64 45.9 25.8 65.8



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: 69.488 ng

RT: 6.24 min Scan# 706

Delta R.T. 0.01 min

Lab File: BF113547.D

Acq: 3 Apr 2019 14:23

Instrument :

BNA_F

ClientSampled :

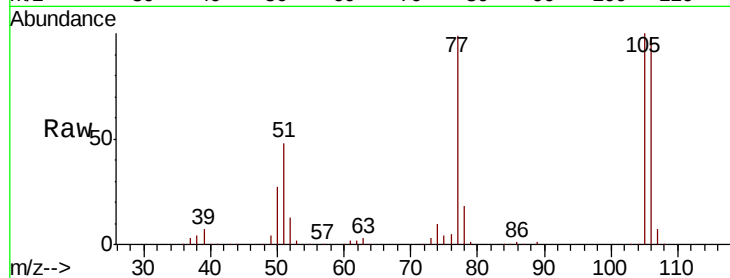
Tot Ion: 77 Resp: 490916

Ion Ratio Lower Upper

77 100

105 100.5 82.2 122.2

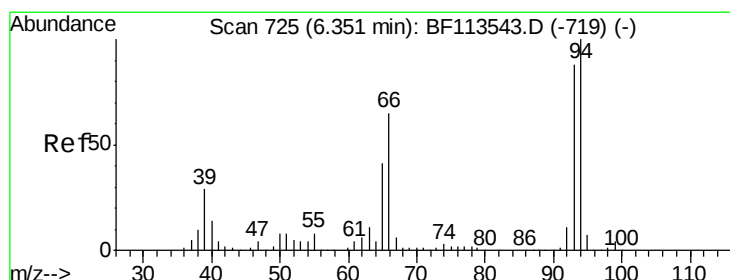
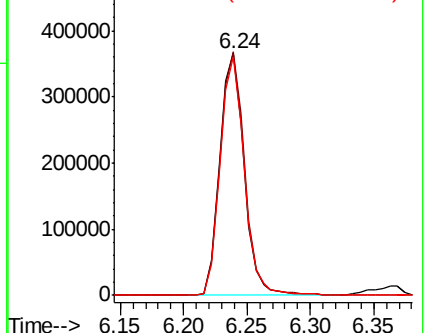
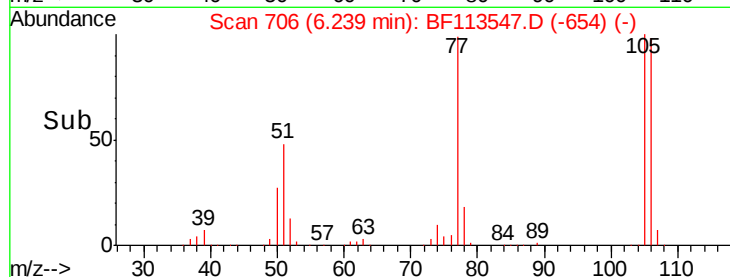
106 98.6 79.8 119.8



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: 82.542 ng

RT: 6.37 min Scan# 728

Delta R.T. 0.02 min

Lab File: BF113547.D

Acq: 3 Apr 2019 14:23

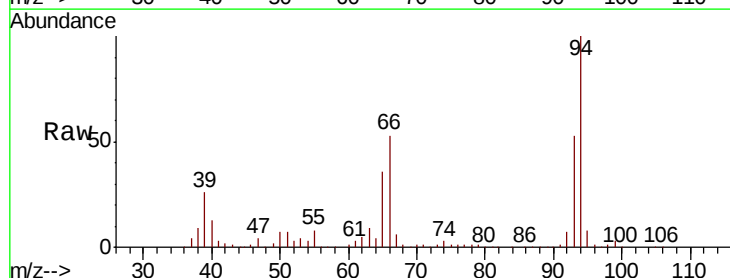
Tgt Ion: 94 Resp: 992103

Ion Ratio Lower Upper

94 100

65 35.6 21.1 61.1

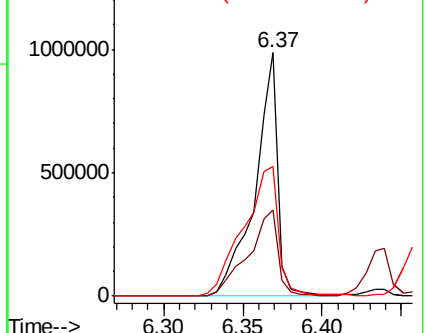
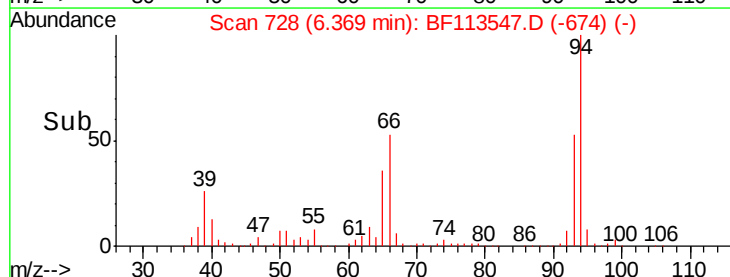
66 53.3 44.9 84.9

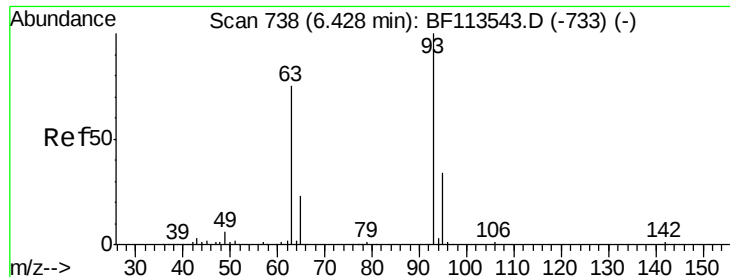


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 86.452 ng

RT: 6.44 min Scan# 740

Delta R.T. 0.01 min

Lab File: BF113547.D

Acq: 3 Apr 2019 14:23

Instrument :

BNA_F

ClientSampleId :

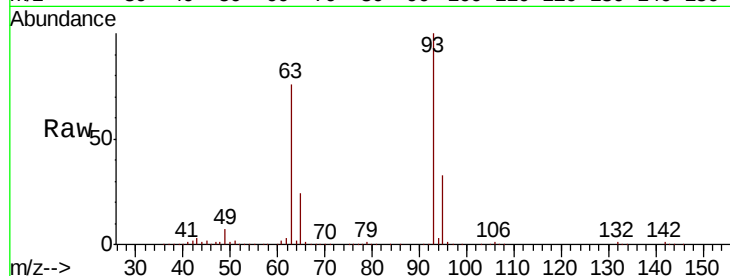
Tot Ion: 93 Resp: 796507

Ion Ratio Lower Upper

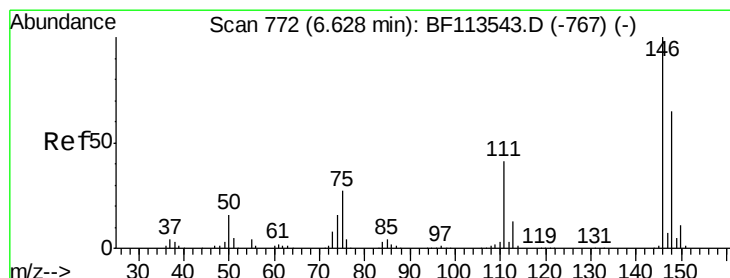
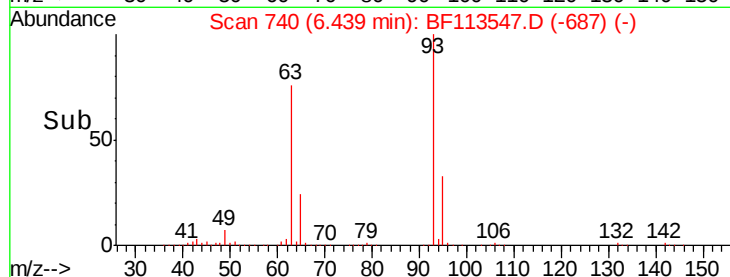
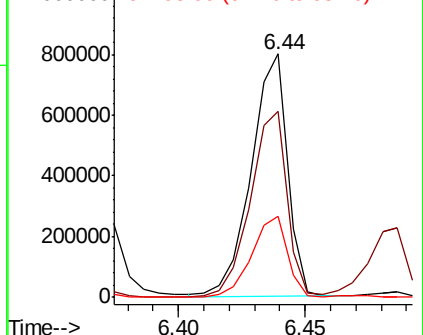
93 100

63 76.3 53.9 93.9

95 33.4 13.3 53.3



Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 63.00 (62.70 to 63.70): BF1
Ion 95.00 (94.70 to 95.70): BF1



#12

1,3-Dichlorobenzene

Concen: 86.202 ng

RT: 6.63 min Scan# 773

Delta R.T. 0.01 min

Lab File: BF113547.D

Acq: 3 Apr 2019 14:23

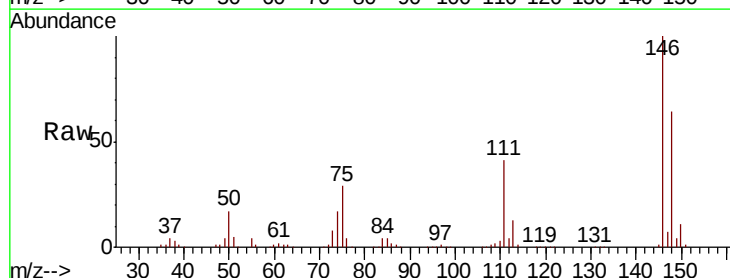
Tgt Ion: 146 Resp: 898006

Ion Ratio Lower Upper

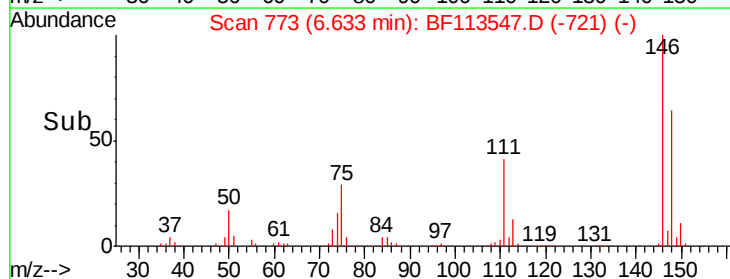
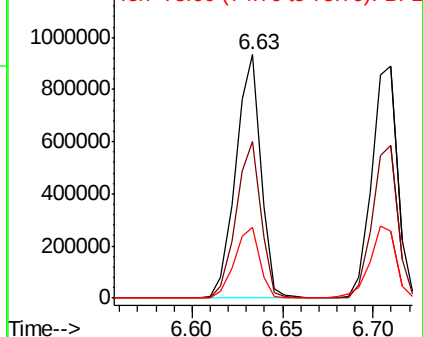
146 100

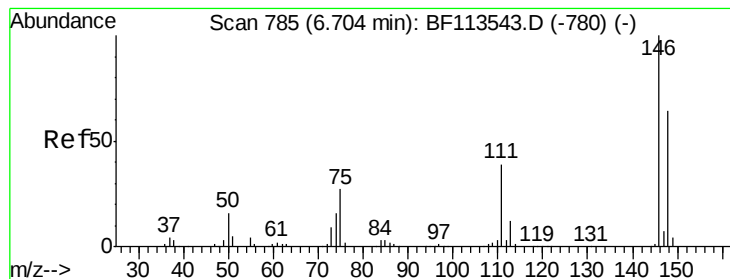
148 64.3 51.8 77.6

75 28.9 22.0 33.0



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 75.00 (74.70 to 75.70): BF1





#13

1,4-Dichlorobenzene

Concen: 88.716 ng

RT: 6.71 min Scan# 786

Delta R.T. 0.01 min

Lab File: BF113547.D

Acq: 3 Apr 2019 14:23

Instrument :

BNA_F

ClientSampled :

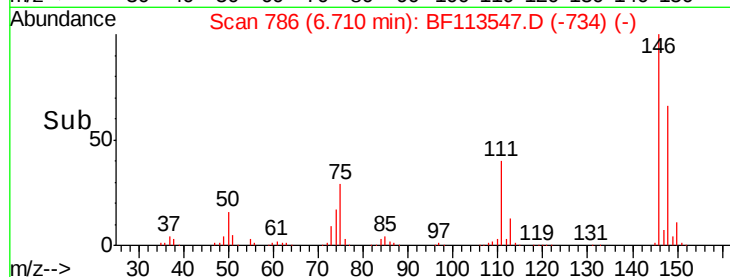
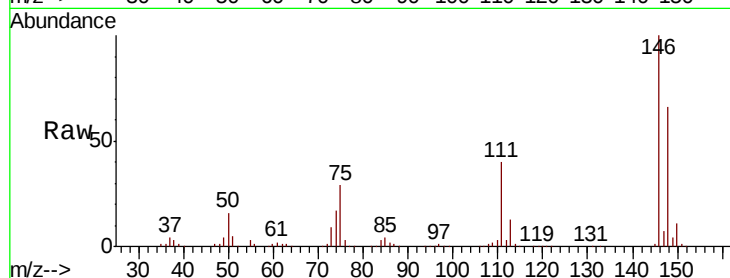
Tot Ion:146 Resp: 892337

Ion Ratio Lower Upper

146 100

148 65.8 50.9 76.3

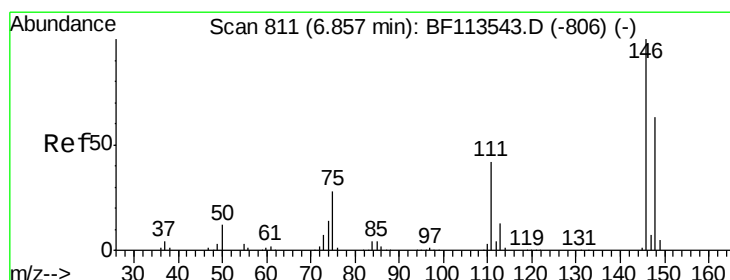
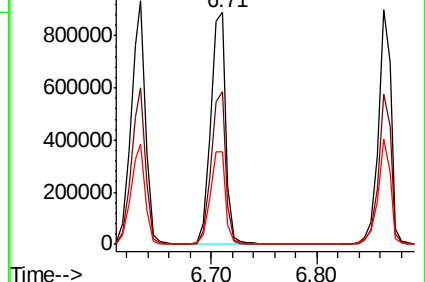
111 39.7 31.0 46.6



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: 76.880 ng

RT: 6.86 min Scan# 812

Delta R.T. 0.01 min

Lab File: BF113547.D

Acq: 3 Apr 2019 14:23

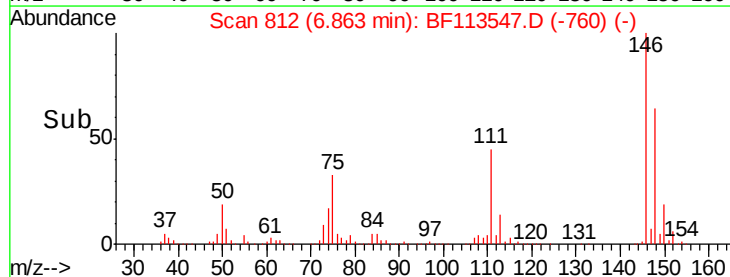
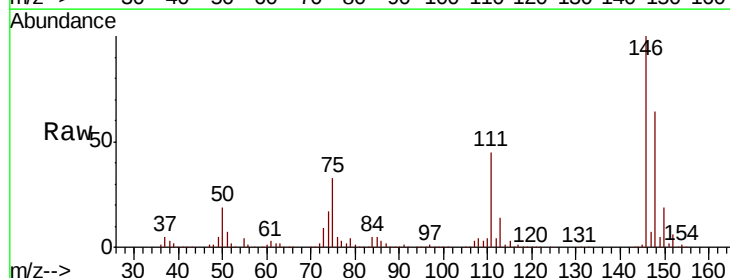
Tgt Ion:146 Resp: 760760

Ion Ratio Lower Upper

146 100

148 64.0 50.3 75.5

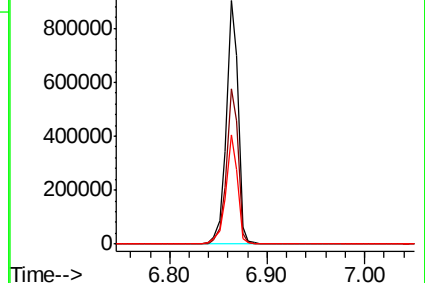
111 44.9 34.0 51.0

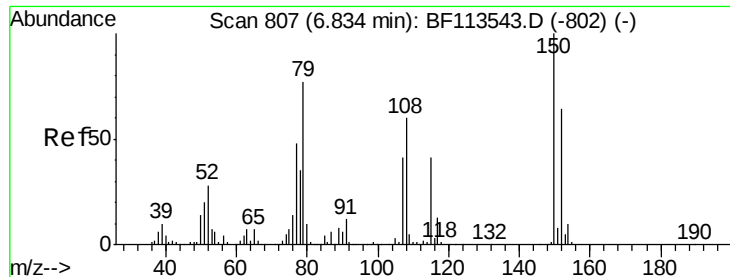


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 81.272 ng

RT: 6.85 min Scan# 810

Delta R.T. 0.02 min

Lab File: BF113547.D

Acq: 3 Apr 2019 14:23

Instrument :

BNA_F

ClientSampleId :

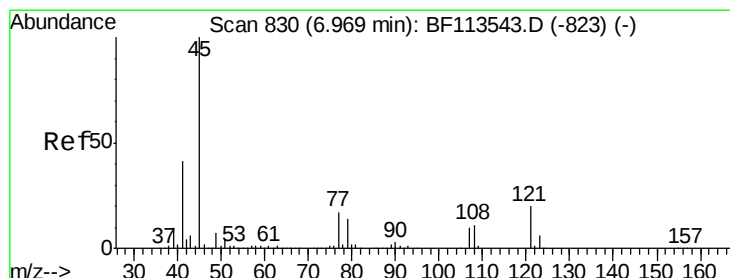
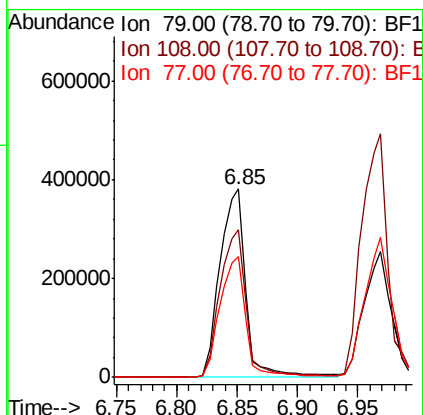
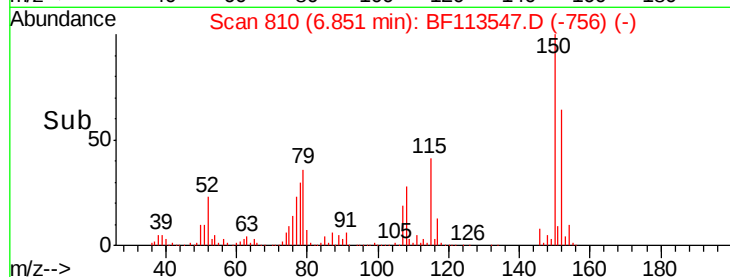
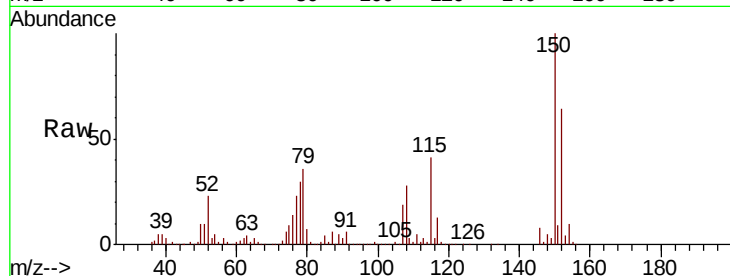
Tot Ion: 79 Resp: 564478

Ion Ratio Lower Upper

79 100

108 78.4 62.8 94.2

77 64.4 50.0 75.0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 85.633 ng

RT: 6.97 min Scan# 831

Delta R.T. 0.01 min

Lab File: BF113547.D

Acq: 3 Apr 2019 14:23

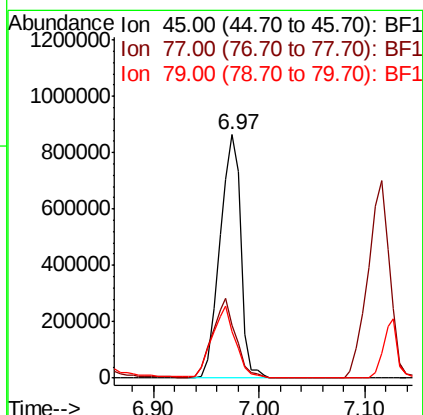
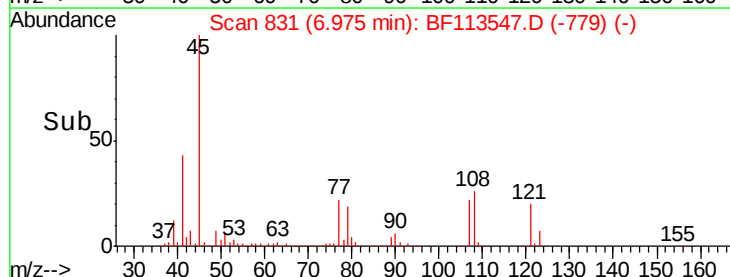
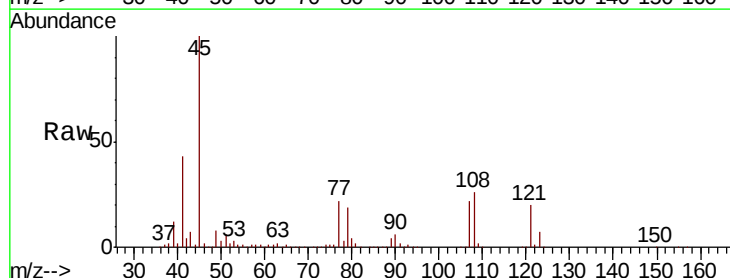
Tgt Ion: 45 Resp: 1185225

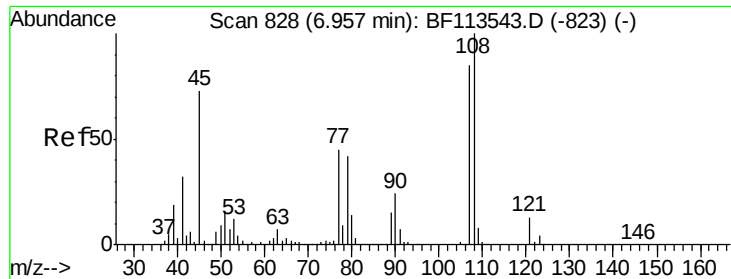
Ion Ratio Lower Upper

45 100

77 21.9 0.0 36.9

79 19.0 0.0 34.2

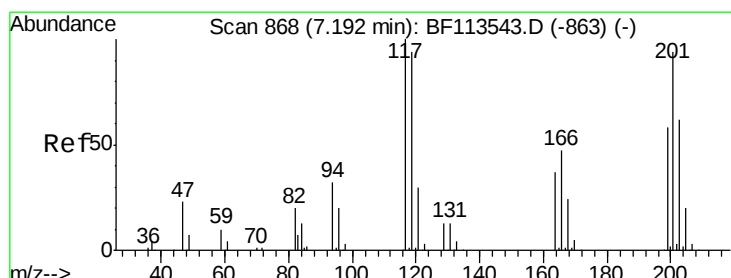
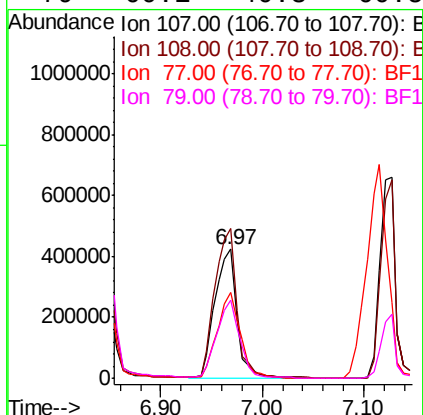
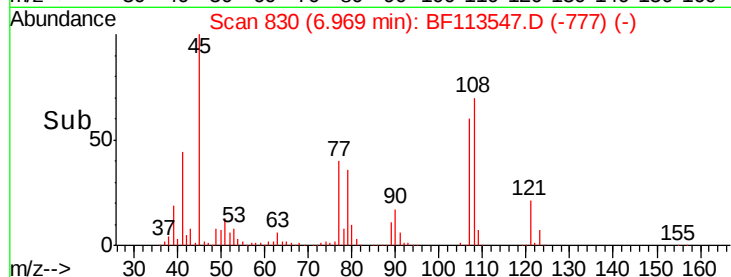
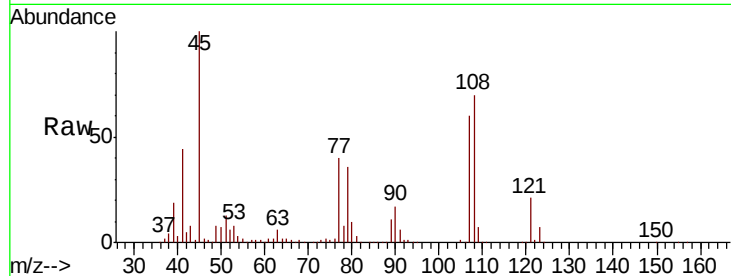




#17
2-Methylphenol
Concen: 83.904 ng
RT: 6.97 min Scan# 830
Delta R.T. 0.01 min
Lab File: BF113547.D
Acq: 3 Apr 2019 14:23

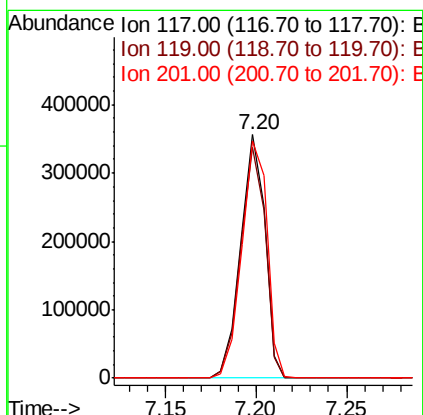
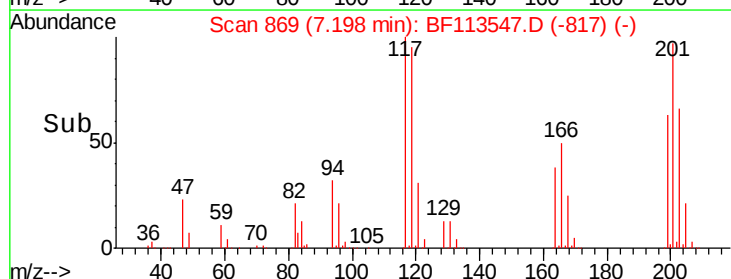
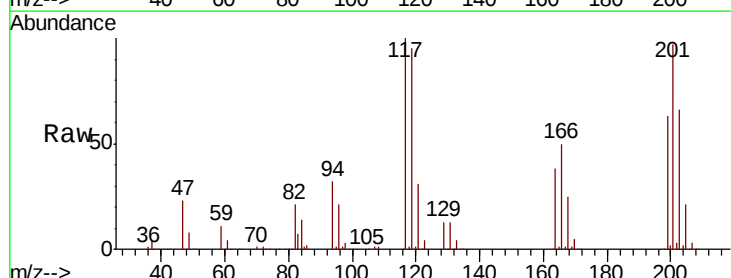
Instrument :
BNA_F
ClientSampled :

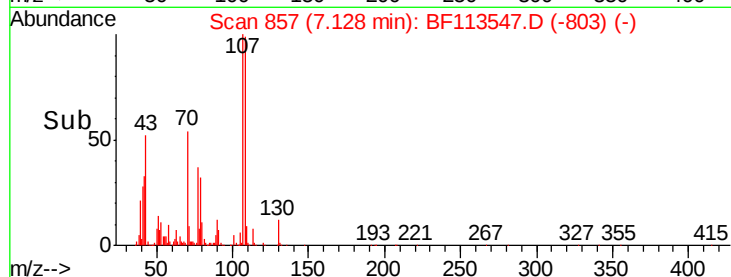
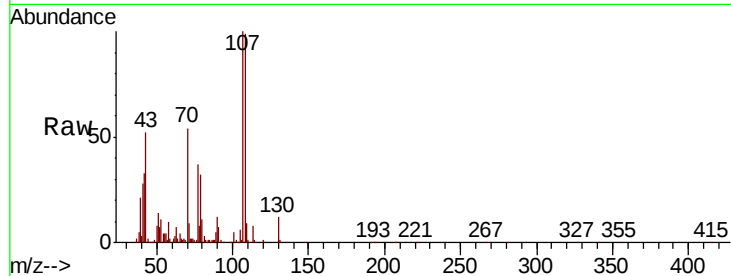
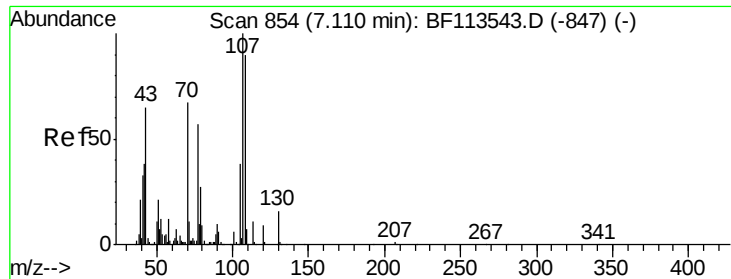
Tot Ion:107 Resp: 635473
Ion Ratio Lower Upper
107 100
108 116.2 94.2 141.4
77 67.0 42.7 64.1#
79 60.1 40.3 60.5



#18
Hexachloroethane
Concen: 92.012 ng
RT: 7.20 min Scan# 869
Delta R.T. 0.01 min
Lab File: BF113547.D
Acq: 3 Apr 2019 14:23

Tgt Ion:117 Resp: 332411
Ion Ratio Lower Upper
117 100
119 94.7 75.4 113.0
201 97.4 75.1 112.7

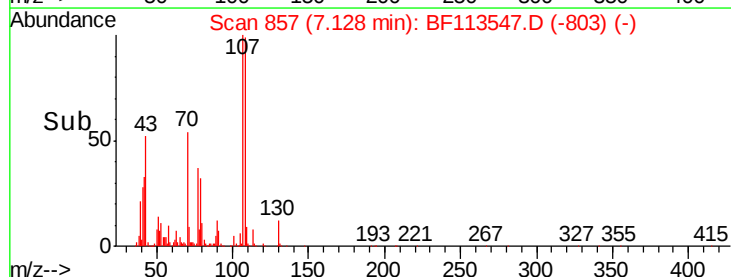
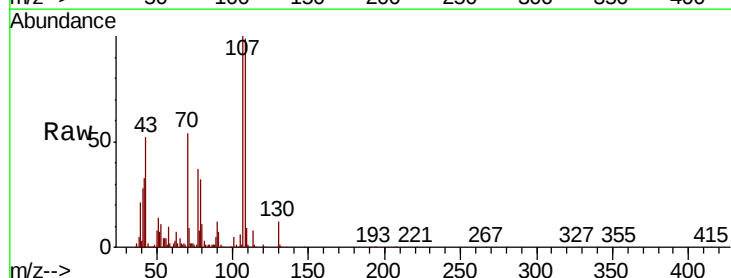
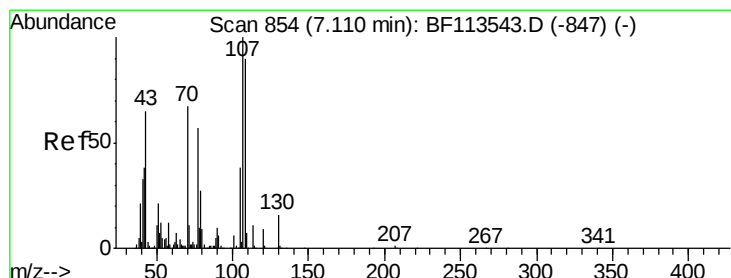
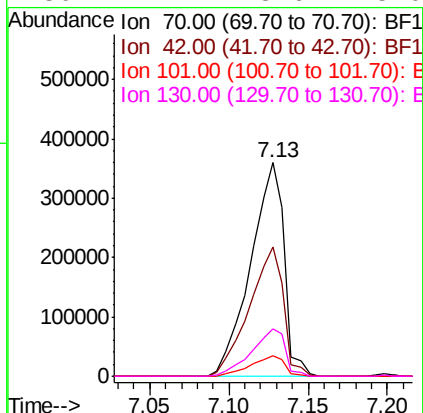




#19
n-Nitroso-di-n-propylamine
Concen: 80.561 ng
RT: 7.13 min Scan# 857
Delta R.T. 0.02 min
Lab File: BF113547.D
Acq: 3 Apr 2019 14:23

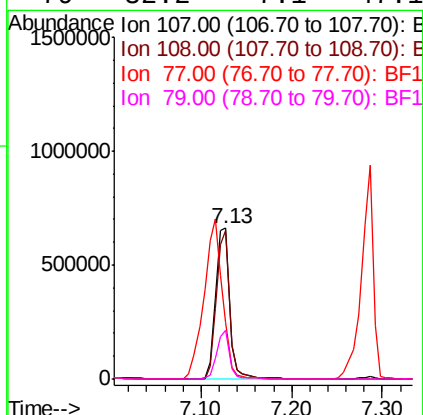
Instrument :
BNA_F
ClientSampleId :

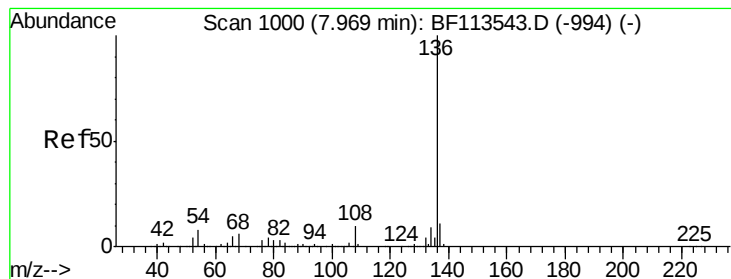
Tot Ion:	70	Resp:	532759
Ion	Ratio	Lower	Upper
70	100		
42	60.8	46.2	69.2
101	9.8	7.6	11.4
130	22.1	18.6	28.0



#20
3+4-Methylphenols
Concen: 74.288 ng
RT: 7.13 min Scan# 857
Delta R.T. 0.02 min
Lab File: BF113547.D
Acq: 3 Apr 2019 14:23

Tgt Ion:	107	Resp:	704624
Ion	Ratio	Lower	Upper
107	100		
108	98.6	69.9	109.9
77	37.5	37.4	77.4
79	32.2	7.1	47.1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.97 min Scan# 1001

Delta R.T. 0.01 min

Lab File: BF113547.D

Acq: 3 Apr 2019 14:23

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 520665

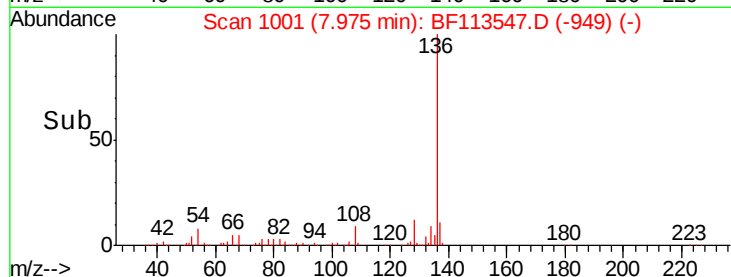
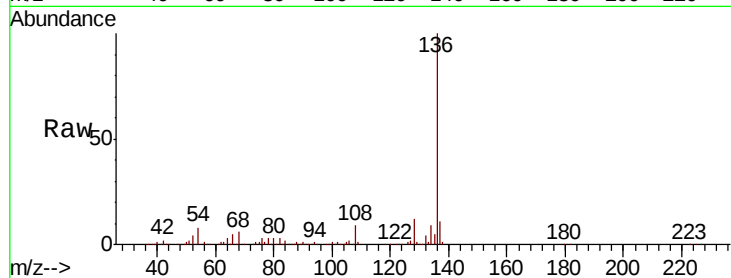
Ion Ratio Lower Upper

136 100

137 10.9 8.9 13.3

54 7.7 6.2 9.2

68 5.6 4.7 7.1

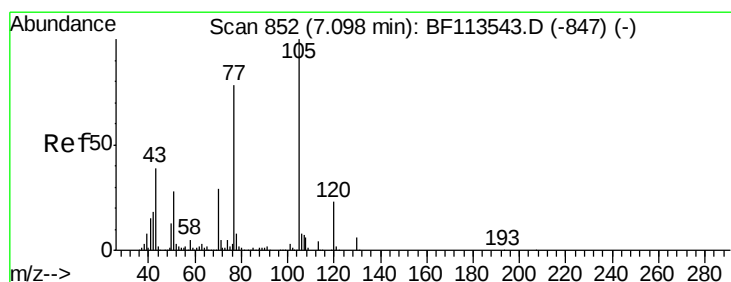
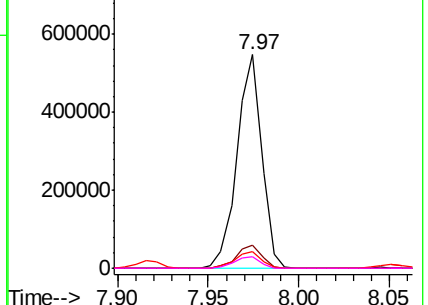


Abundance Ion 136.00 (135.70 to 136.70): E

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: 87.200 ng

RT: 7.12 min Scan# 855

Delta R.T. 0.02 min

Lab File: BF113547.D

Acq: 3 Apr 2019 14:23

Tgt Ion:105 Resp: 1035413

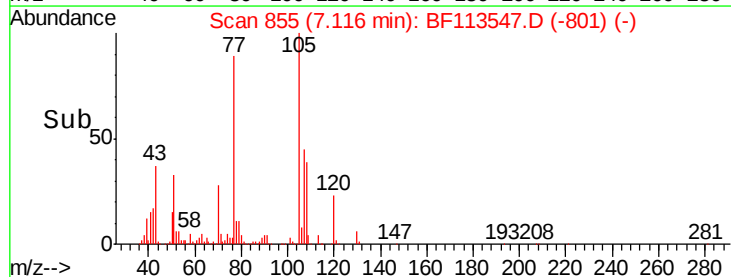
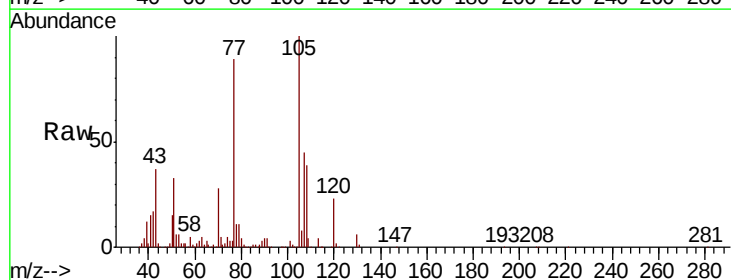
Ion Ratio Lower Upper

105 100

71 4.8 3.7 5.5

51 32.8 22.9 34.3

120 23.3 18.1 27.1

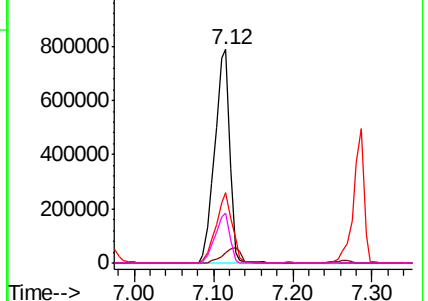


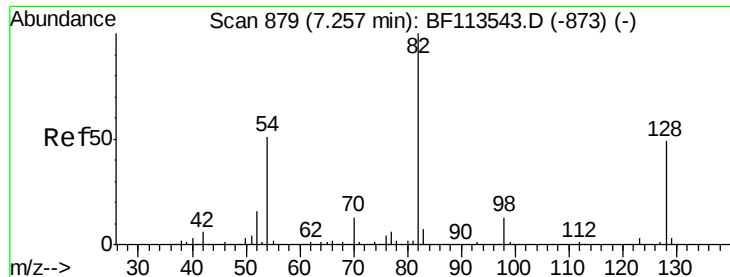
Abundance Ion 105.00 (104.70 to 105.70): E

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

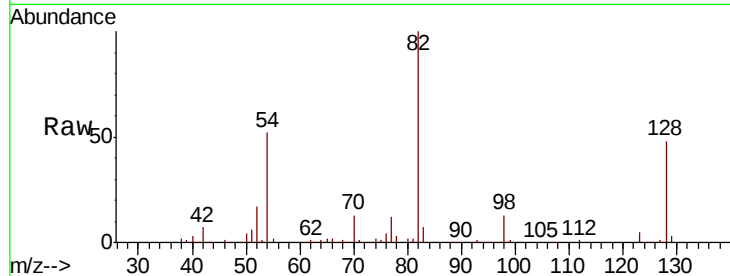




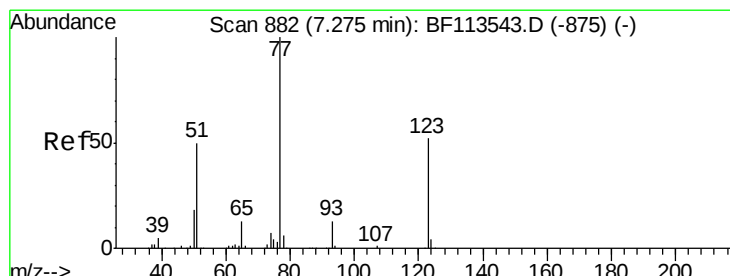
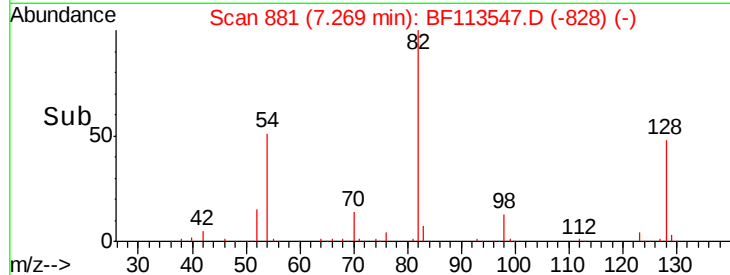
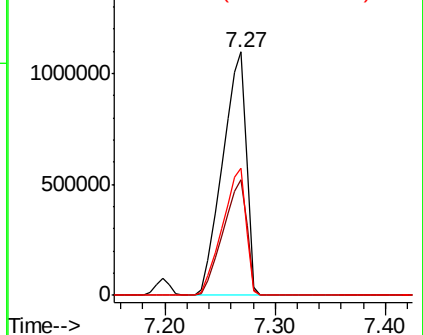
#23
 Nitrobenzene-d5
 Concen: 188.104 ng
 RT: 7.27 min Scan# 881
 Delta R.T. 0.01 min
 Lab File: BF113547.D
 Acq: 3 Apr 2019 14:23

Instrument :
 BNA_F
 ClientSampled :

Tot Ion: 82 Resp: 1650088
 Ion Ratio Lower Upper
 82 100
 128 47.7 39.1 58.7
 54 52.3 41.0 61.4

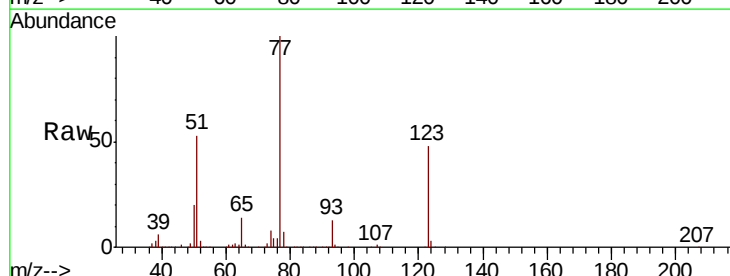


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

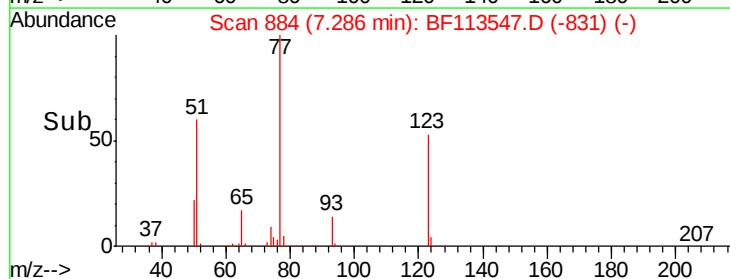
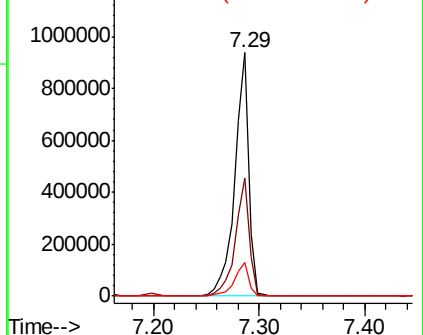


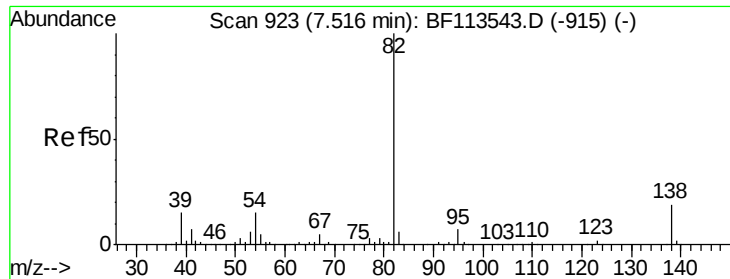
#24
 Nitrobenzene
 Concen: 92.339 ng
 RT: 7.29 min Scan# 884
 Delta R.T. 0.01 min
 Lab File: BF113547.D
 Acq: 3 Apr 2019 14:23

Tgt Ion: 77 Resp: 845267
 Ion Ratio Lower Upper
 77 100
 123 48.4 41.2 61.8
 65 14.0 10.2 15.4



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: 97.310 ng

RT: 7.53 min Scan# 925

Delta R.T. 0.01 min

Lab File: BF113547.D

Acq: 3 Apr 2019 14:23

Instrument :

BNA_F

ClientSampleId :

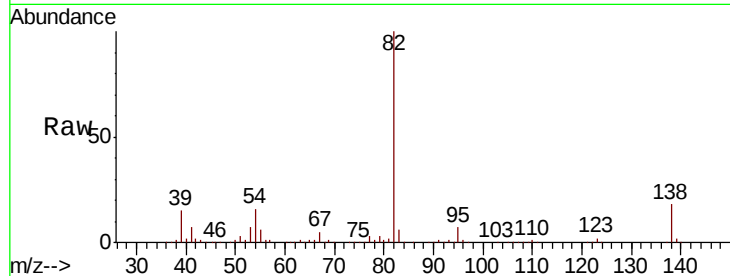
Tot Ion: 82 Resp: 1654282

Ion Ratio Lower Upper

82 100

95 6.8 5.4 8.0

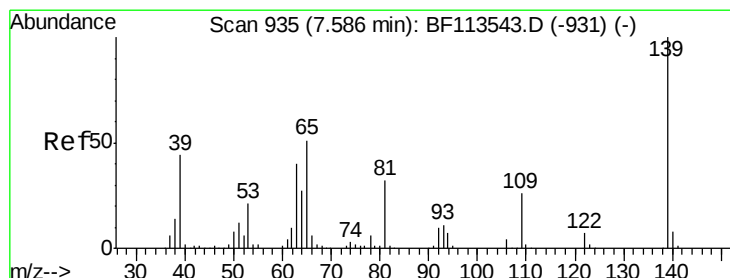
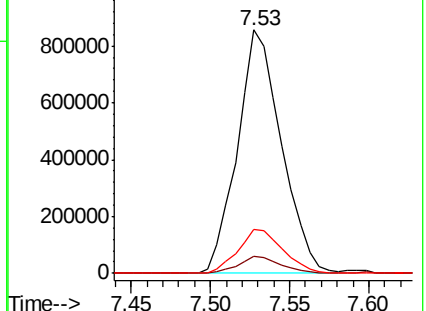
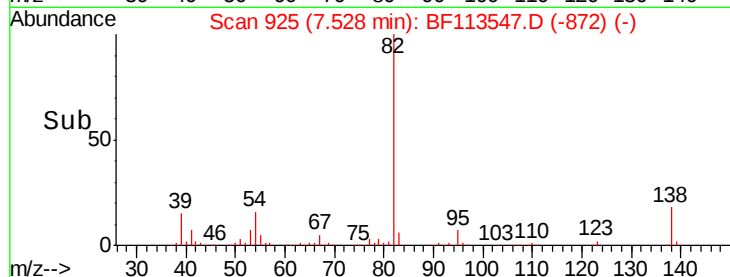
138 17.8 14.9 22.3



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: 97.214 ng

RT: 7.60 min Scan# 937

Delta R.T. 0.01 min

Lab File: BF113547.D

Acq: 3 Apr 2019 14:23

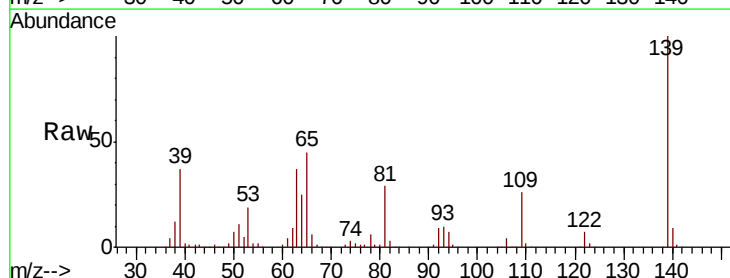
Tgt Ion: 139 Resp: 470374

Ion Ratio Lower Upper

139 100

109 26.0 20.9 31.3

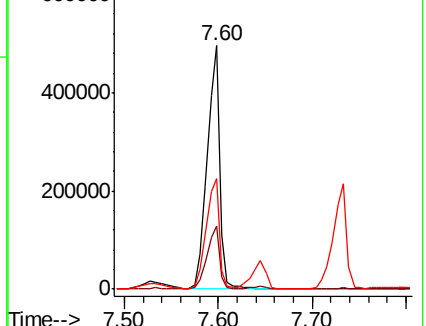
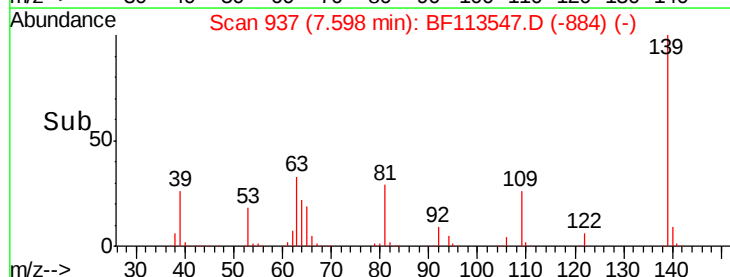
65 45.5 40.5 60.7

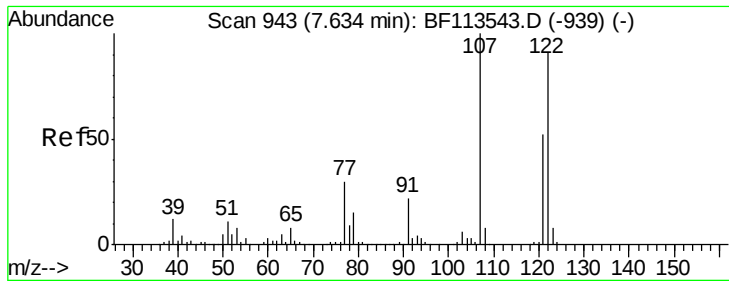


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1

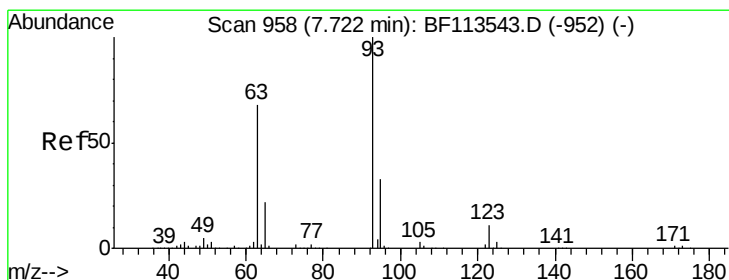
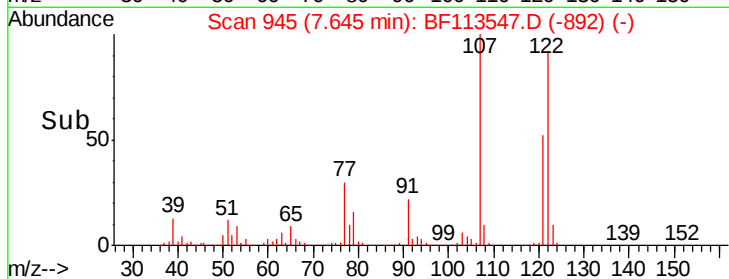
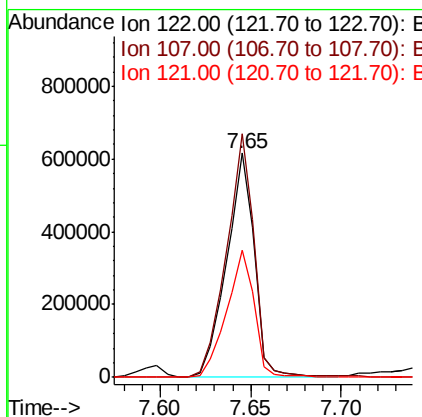
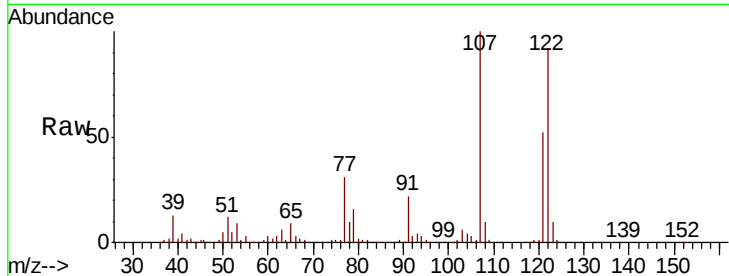




#27
 2,4-Dimethylphenol
 Concen: 94.029 ng
 RT: 7.65 min Scan# 945
 Delta R.T. 0.01 min
 Lab File: BF113547.D
 Acq: 3 Apr 2019 14:23

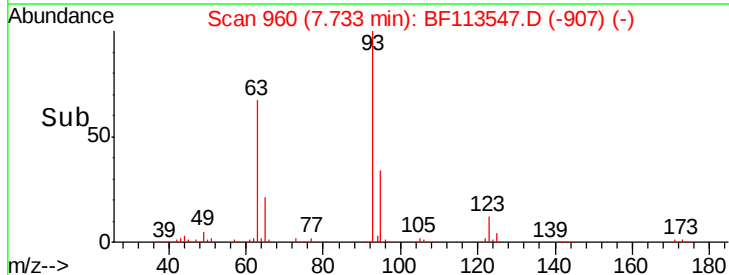
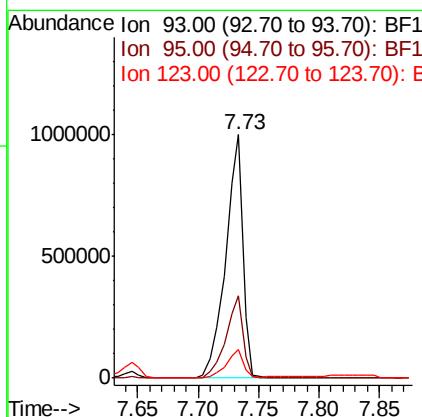
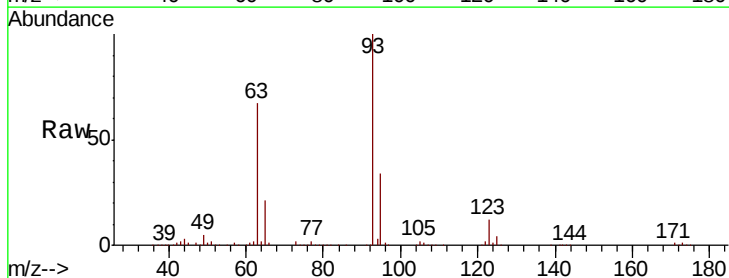
Instrument :
 BNA_F
 ClientSampleId :

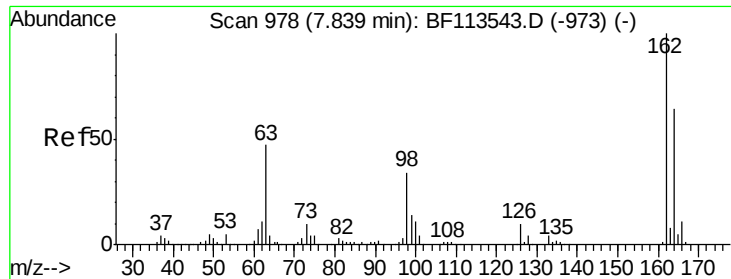
Tot Ion:122 Resp: 654462
 Ion Ratio Lower Upper
 122 100
 107 108.8 88.2 132.4
 121 56.8 45.7 68.5



#28
 bis(2-Chloroethoxy)methane
 Concen: 92.007 ng
 RT: 7.73 min Scan# 960
 Delta R.T. 0.01 min
 Lab File: BF113547.D
 Acq: 3 Apr 2019 14:23

Tgt Ion: 93 Resp: 984988
 Ion Ratio Lower Upper
 93 100
 95 33.8 26.5 39.7
 123 11.8 9.1 13.7

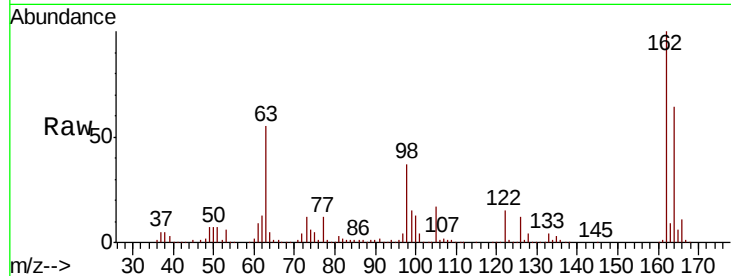




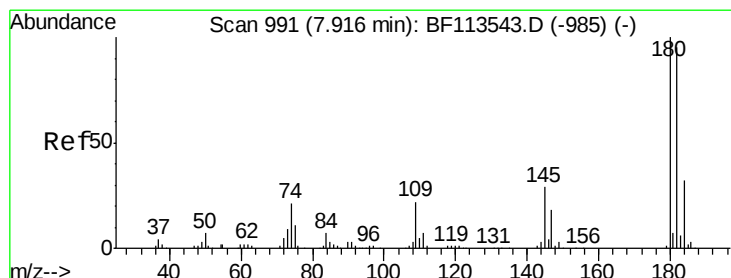
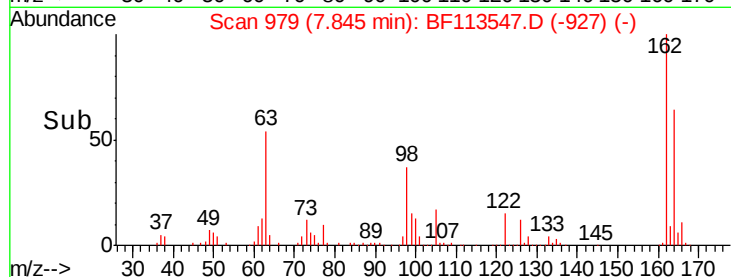
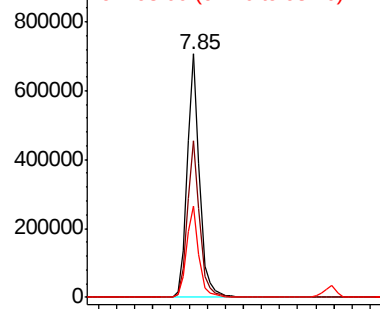
#29
2,4-Dichlorophenol
Concen: 88.445 ng
RT: 7.85 min Scan# 979
Delta R.T. 0.01 min
Lab File: BF113547.D
Acq: 3 Apr 2019 14:23

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.1	44.3	84.3
98	37.4	14.0	54.0

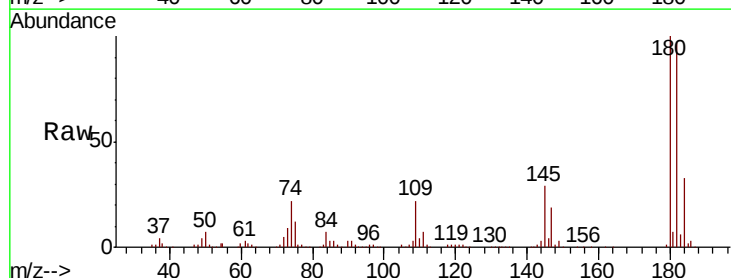


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

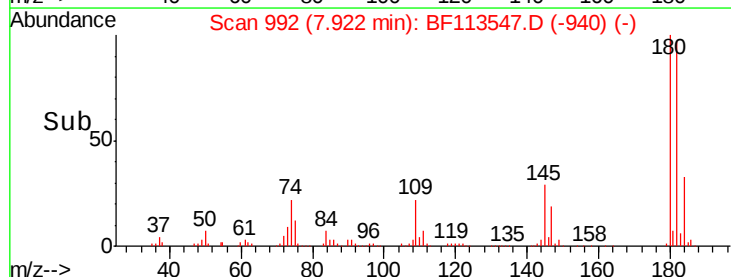
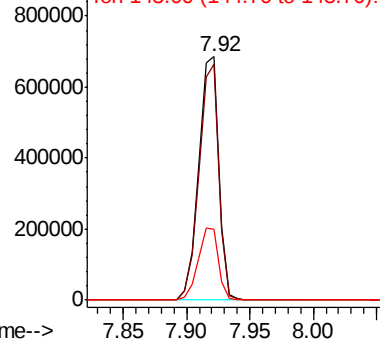


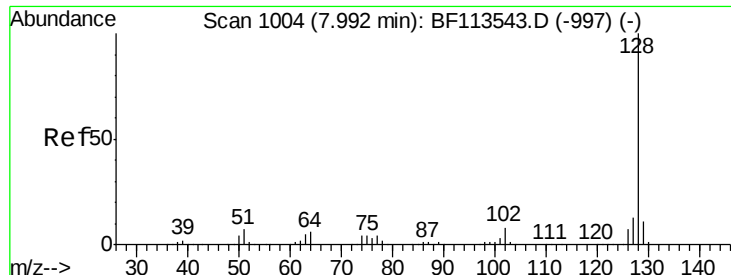
#30
1,2,4-Trichlorobenzene
Concen: 92.020 ng
RT: 7.92 min Scan# 992
Delta R.T. 0.01 min
Lab File: BF113547.D
Acq: 3 Apr 2019 14:23

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.6	75.8	113.6
145	29.1	22.9	34.3



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

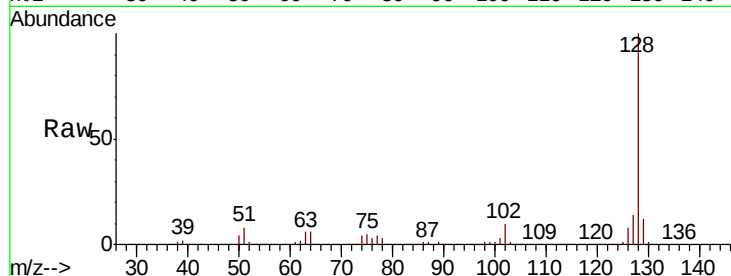




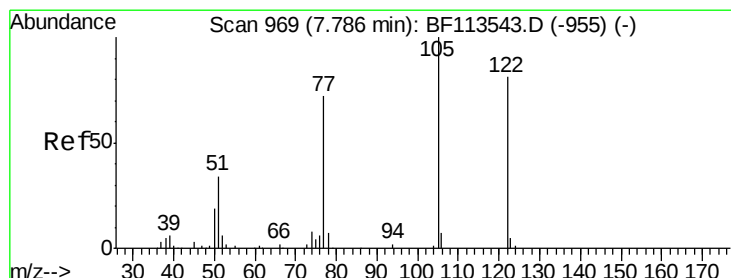
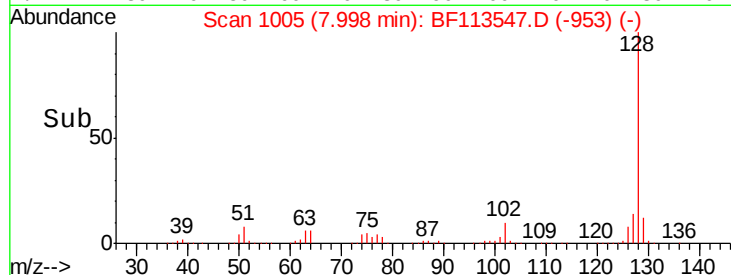
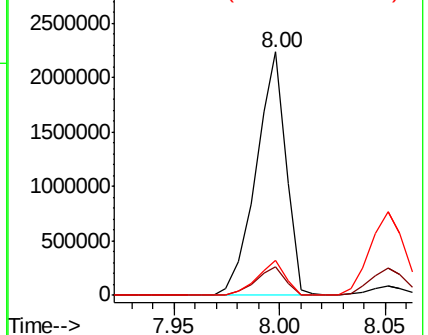
#31
Naphthalene
Concen: 86.550 ng
RT: 8.00 min Scan# 1005
Delta R.T. 0.01 min
Lab File: BF113547.D
Acq: 3 Apr 2019 14:23

Instrument :
BNA_F
ClientSampleId :

Tot Ion:128 Resp: 2202147
Ion Ratio Lower Upper
128 100
129 12.0 8.8 13.2
127 14.2 10.7 16.1

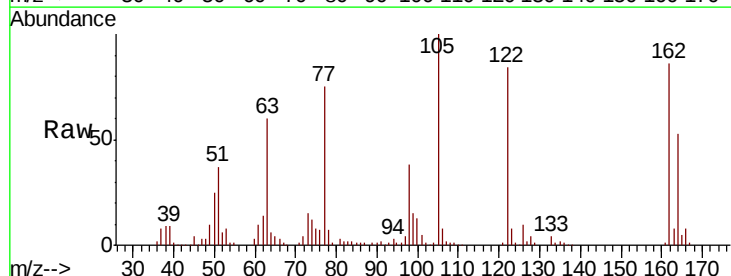


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

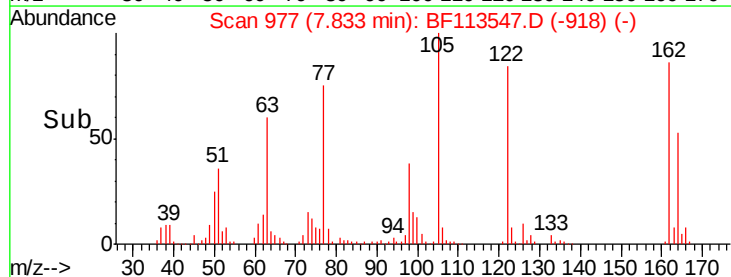
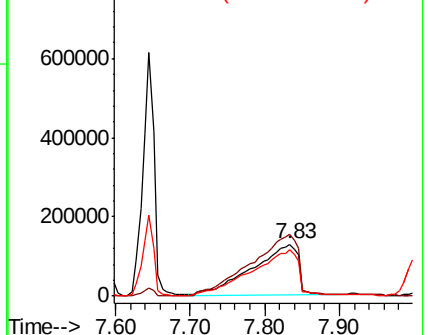


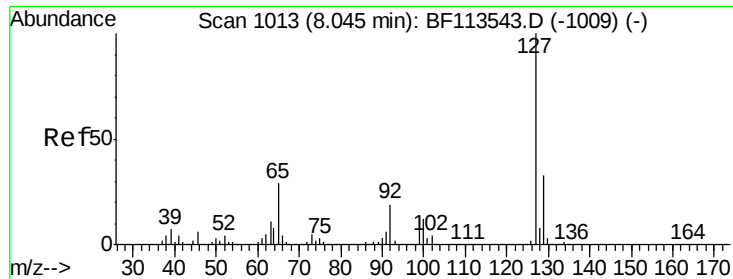
#32
Benzoic acid
Concen: 99.521 ng
RT: 7.83 min Scan# 977
Delta R.T. 0.05 min
Lab File: BF113547.D
Acq: 3 Apr 2019 14:23

Tgt Ion:122 Resp: 557581
Ion Ratio Lower Upper
122 100
105 118.4 101.5 141.5
77 88.9 68.7 108.7



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

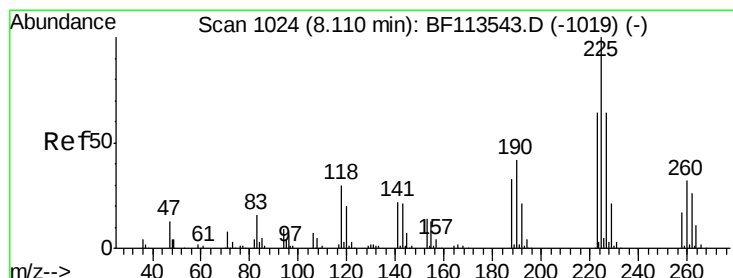
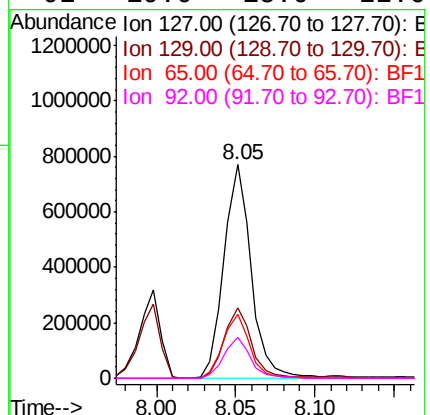
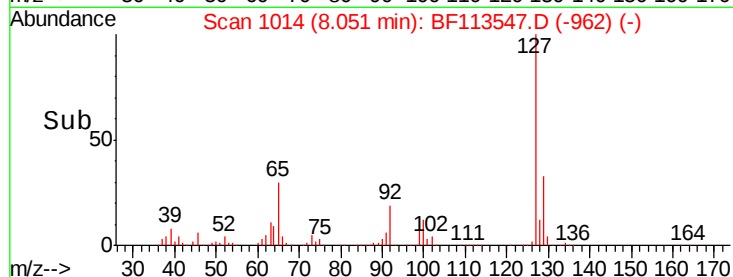
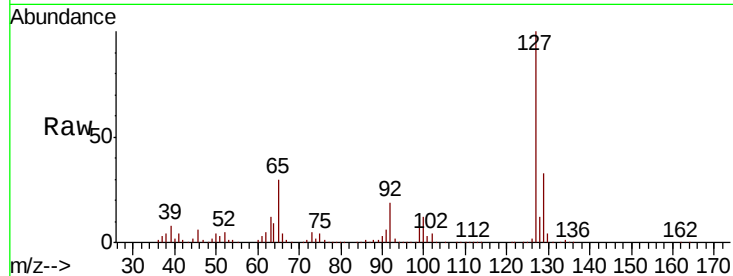




#33
4-Chloroaniline
Concen: 92.414 ng
RT: 8.05 min Scan# 1014
Delta R.T. 0.01 min
Lab File: BF113547.D
Acq: 3 Apr 2019 14:23

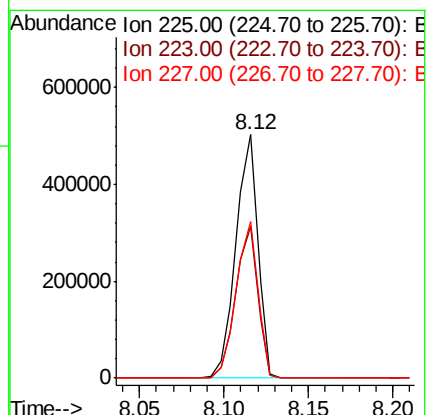
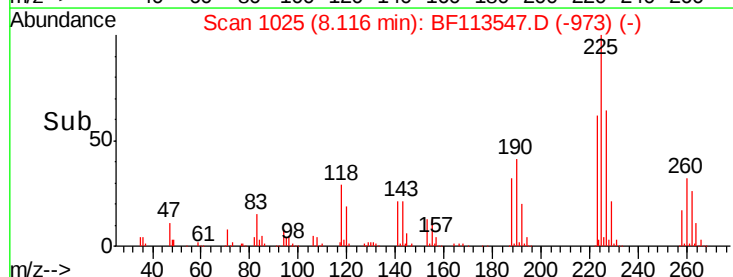
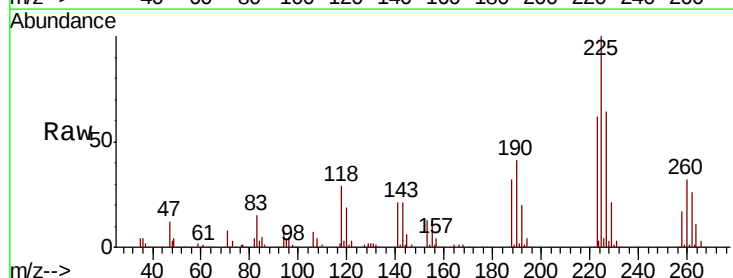
Instrument :
BNA_F
ClientSampled :

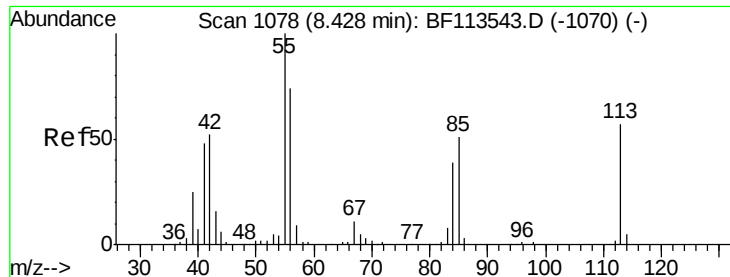
Tot Ion:	127	Resp:	916903
Ion	Ratio	Lower	Upper
127	100		
129	33.0	26.2	39.2
65	30.2	23.1	34.7
92	19.0	15.0	22.6



#34
Hexachlorobutadiene
Concen: 93.496 ng
RT: 8.12 min Scan# 1025
Delta R.T. 0.01 min
Lab File: BF113547.D
Acq: 3 Apr 2019 14:23

Tgt Ion:	225	Resp:	452207
Ion	Ratio	Lower	Upper
225	100		
223	62.3	51.4	77.0
227	64.2	51.4	77.2

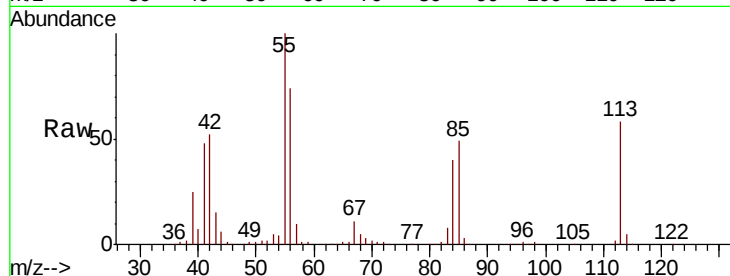




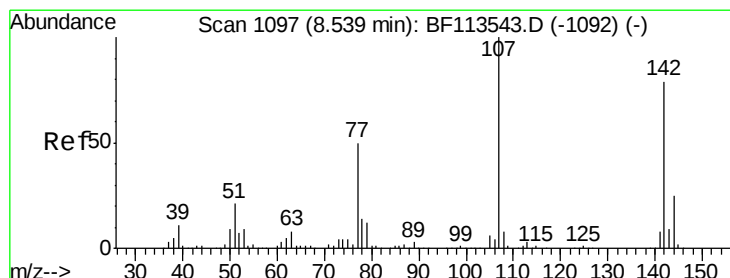
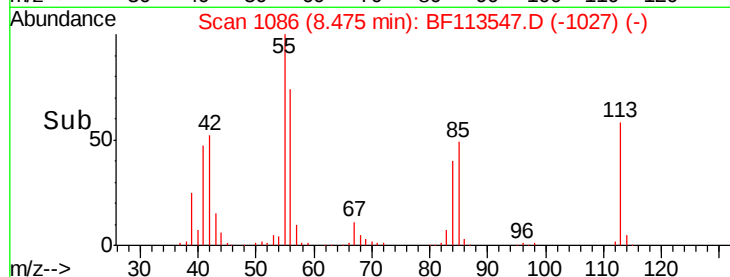
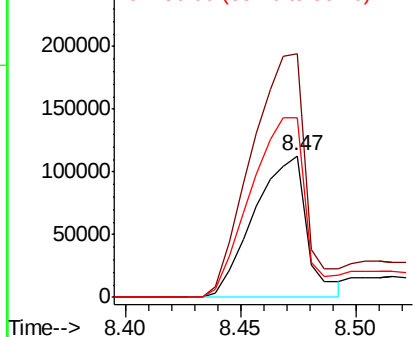
#35
 Caprolactam
 Concen: 74.032 ng
 RT: 8.47 min Scan# 1086
 Delta R.T. 0.05 min
 Lab File: BF113547.D
 Acq: 3 Apr 2019 14:23

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:113 Resp: 179213
 Ion Ratio Lower Upper
 113 100
 55 171.9 154.8 194.8
 56 127.0 108.9 148.9

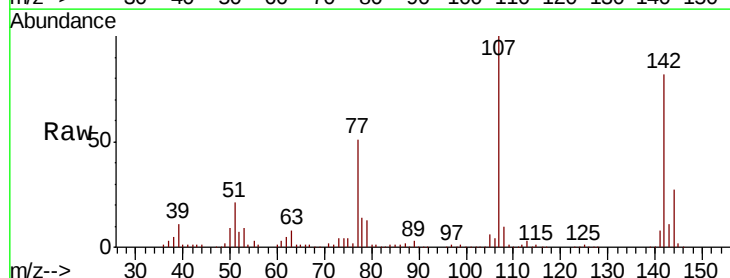


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1

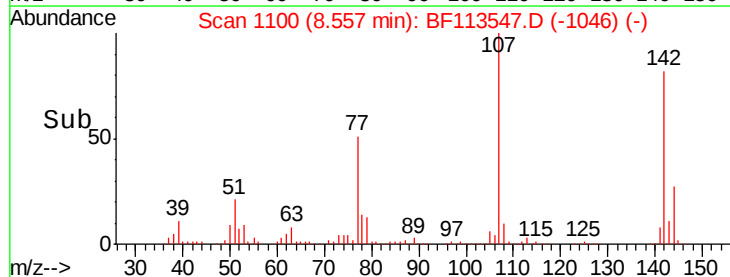
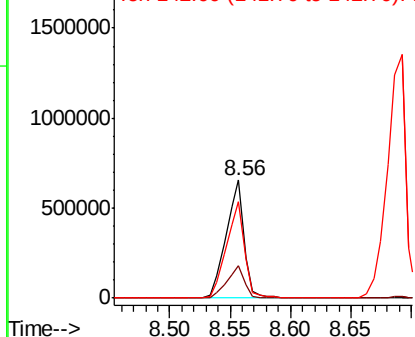


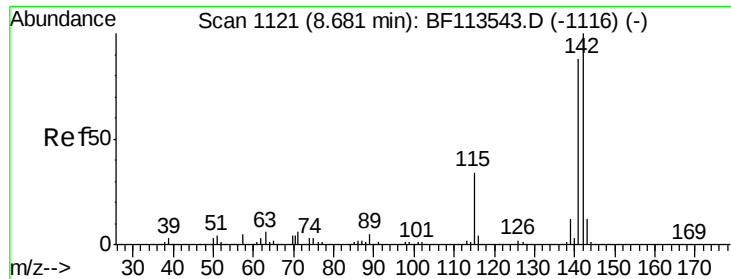
#36
 4-Chloro-3-methylphenol
 Concen: 89.699 ng
 RT: 8.56 min Scan# 1100
 Delta R.T. 0.02 min
 Lab File: BF113547.D
 Acq: 3 Apr 2019 14:23

Tgt Ion:107 Resp: 680492
 Ion Ratio Lower Upper
 107 100
 144 27.0 20.0 30.0
 142 81.7 62.9 94.3



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

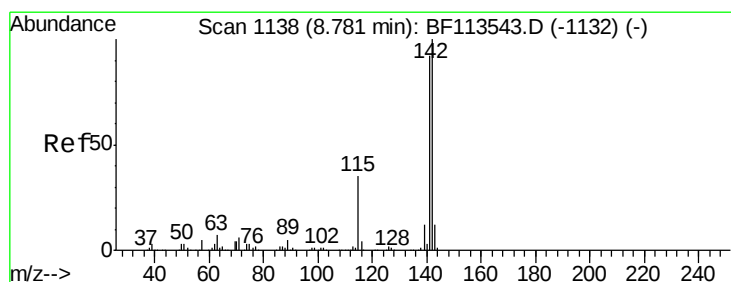
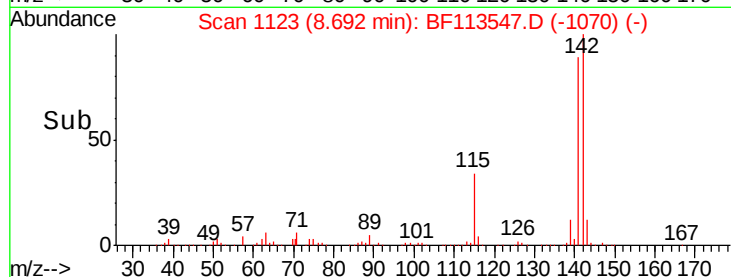
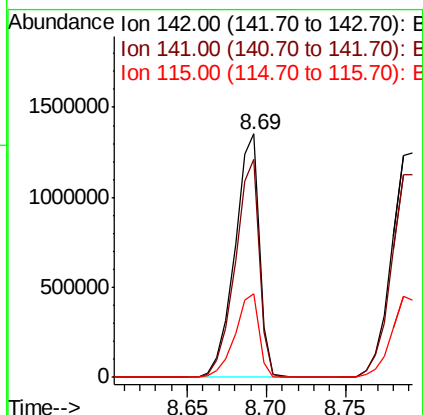
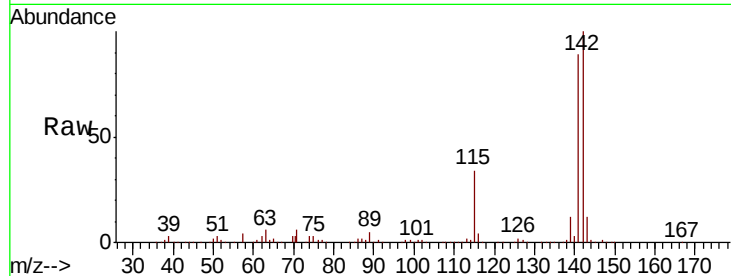




#37
2-Methylnaphthalene
Concen: 91.040 ng
RT: 8.69 min Scan# 1123
Delta R.T. 0.01 min
Lab File: BF113547.D
Acq: 3 Apr 2019 14:23

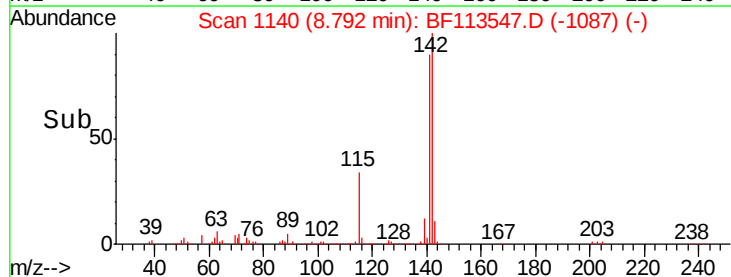
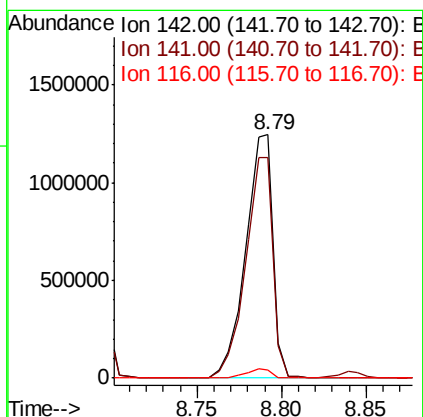
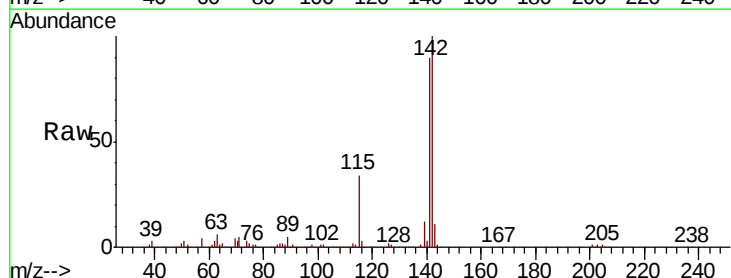
Instrument :
BNA_F
ClientSampleId :

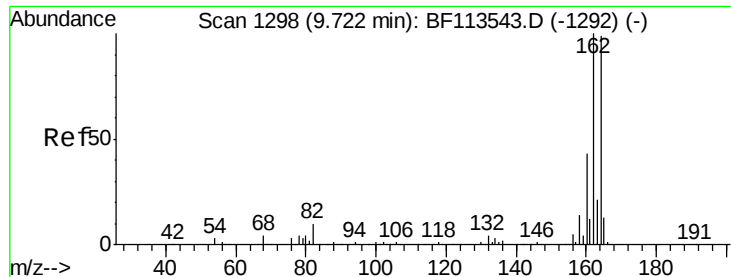
Tot Ion:142 Resp: 1445342
Ion Ratio Lower Upper
142 100
141 89.3 70.6 105.8
115 34.3 26.9 40.3



#38
1-Methylnaphthalene
Concen: 91.746 ng
RT: 8.79 min Scan# 1140
Delta R.T. 0.01 min
Lab File: BF113547.D
Acq: 3 Apr 2019 14:23

Tgt Ion:142 Resp: 1400999
Ion Ratio Lower Upper
142 100
141 90.4 73.8 110.6
116 3.5 3.0 4.4

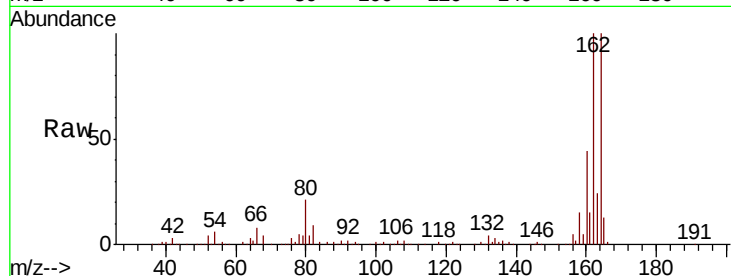




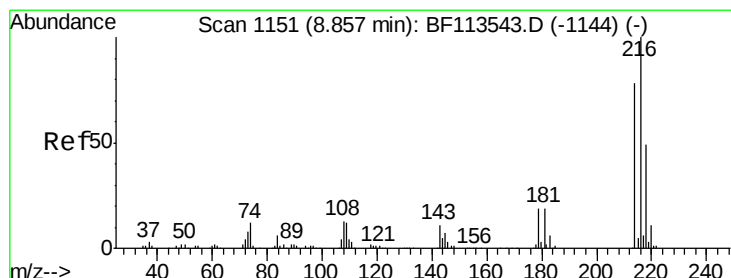
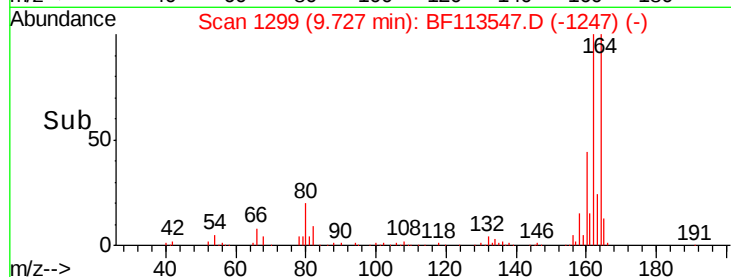
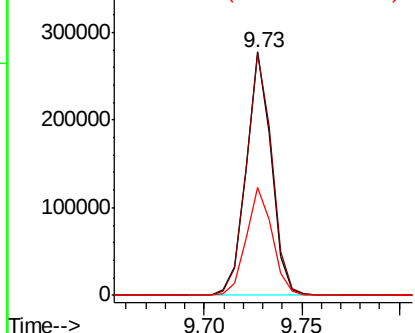
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.73 min Scan# 1299
Delta R.T. 0.01 min
Lab File: BF113547.D
Acq: 3 Apr 2019 14:23

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
164	100		
162	99.6	80.5	120.7
160	44.4	34.8	52.2

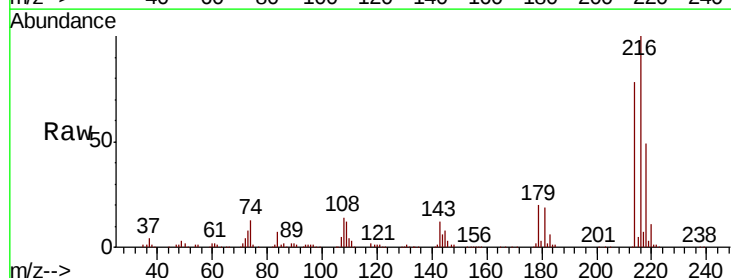


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

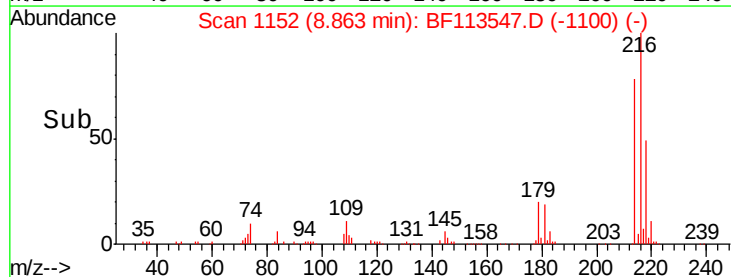
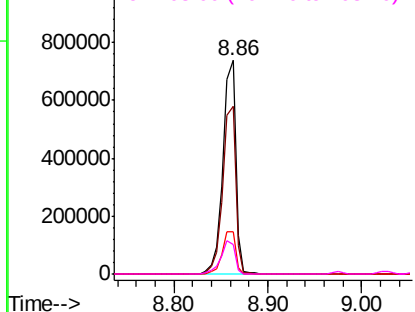


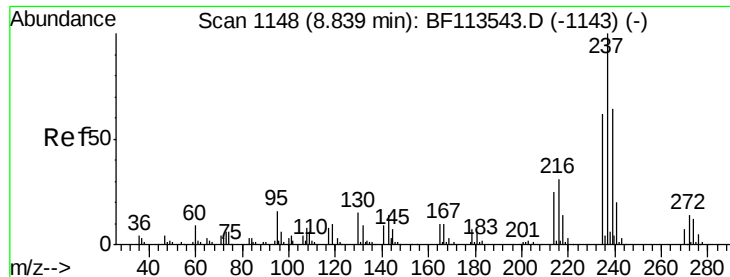
#40
1,2,4,5-Tetrachlorobenzene
Concen: 89.339 ng
RT: 8.86 min Scan# 1152
Delta R.T. 0.01 min
Lab File: BF113547.D
Acq: 3 Apr 2019 14:23

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.6	62.7	94.1
179	20.7	16.1	24.1
108	17.1	13.4	20.0



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





#41

Hexachlorocyclopentadiene

Concen: 88.122 ng

RT: 8.85 min Scan# 1149

Delta R.T. 0.01 min

Lab File: BF113547.D

Acq: 3 Apr 2019 14:23

Instrument :

BNA_F

ClientSampleId :

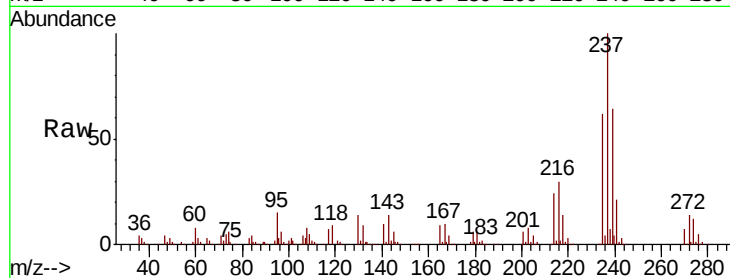
Tot Ion:237 Resp: 295108

Ion Ratio Lower Upper

237 100

235 61.8 42.0 82.0

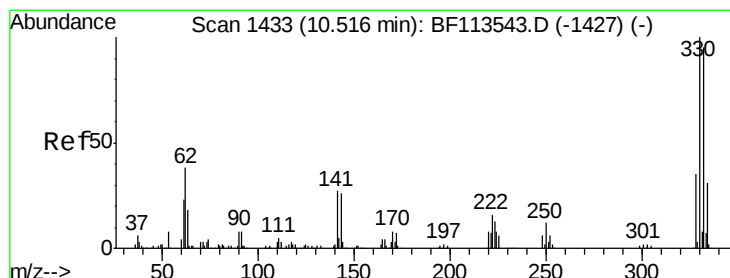
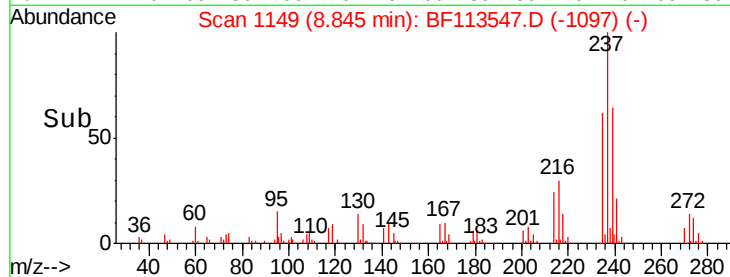
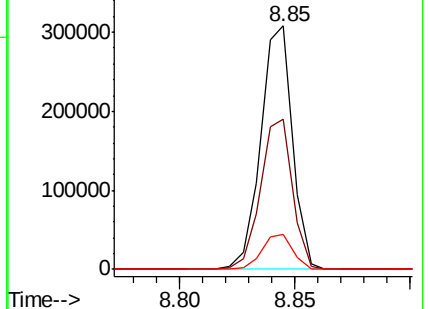
272 14.2 0.0 33.8



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: 165.294 ng

RT: 10.53 min Scan# 1435

Delta R.T. 0.01 min

Lab File: BF113547.D

Acq: 3 Apr 2019 14:23

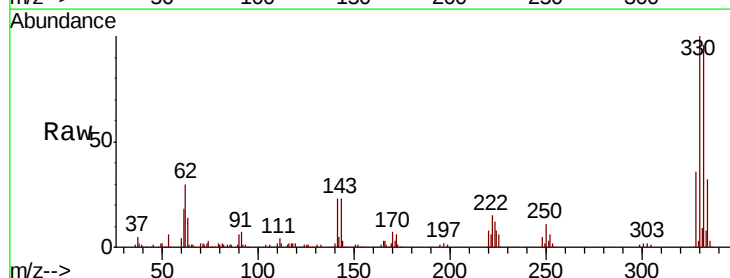
Tgt Ion:330 Resp: 503241

Ion Ratio Lower Upper

330 100

332 95.9 76.4 114.6

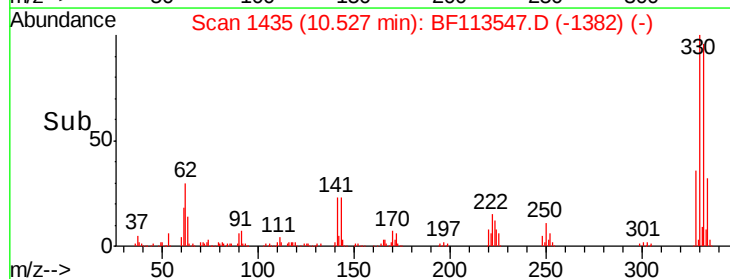
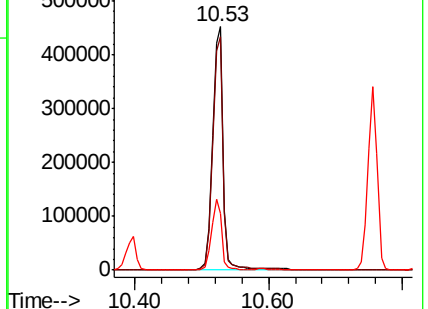
141 27.9 21.6 32.4

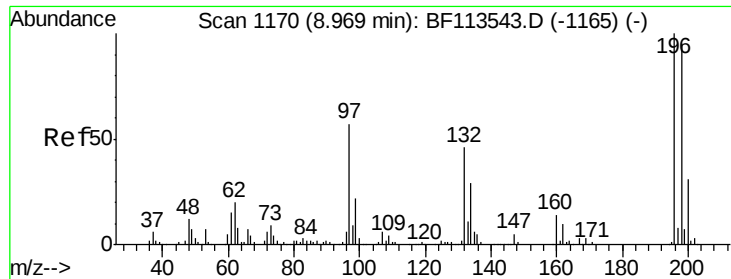


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

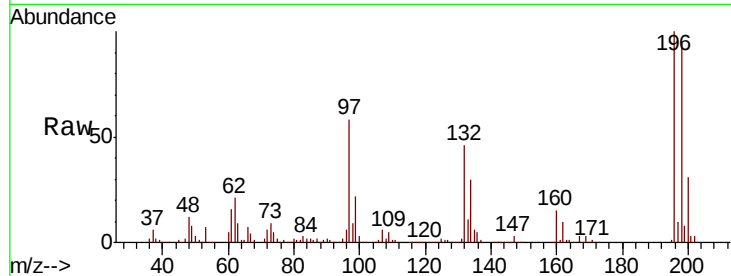




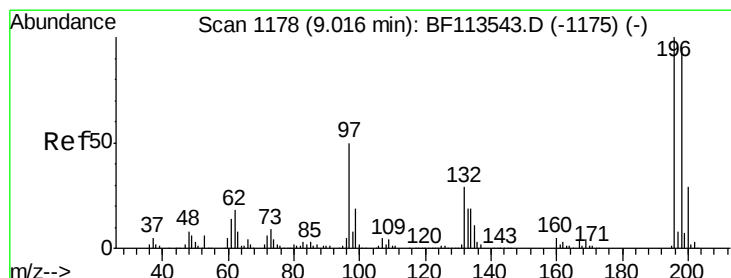
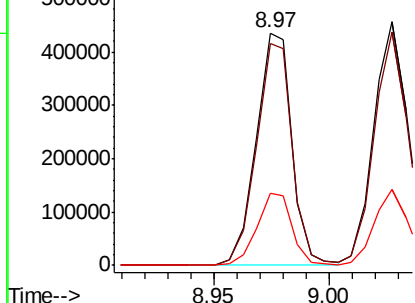
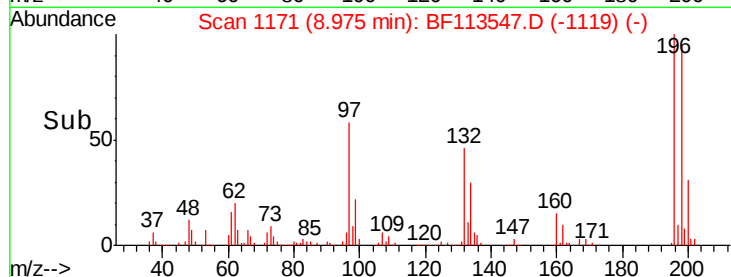
#43
 2,4,6-Trichlorophenol
 Concen: 90.883 ng
 RT: 8.97 min Scan# 1171
 Delta R.T. 0.01 min
 Lab File: BF113547.D
 Acq: 3 Apr 2019 14:23

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:196 Resp: 468241
 Ion Ratio Lower Upper
 196 100
 198 95.5 76.1 114.1
 200 30.9 24.4 36.6

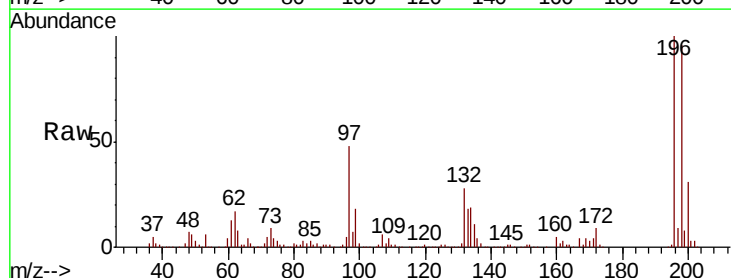


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

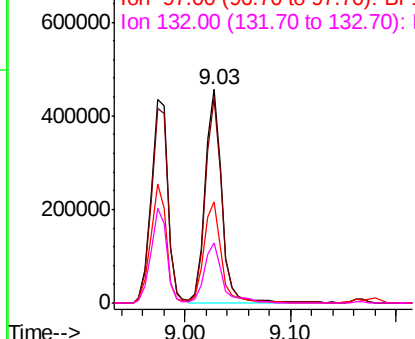
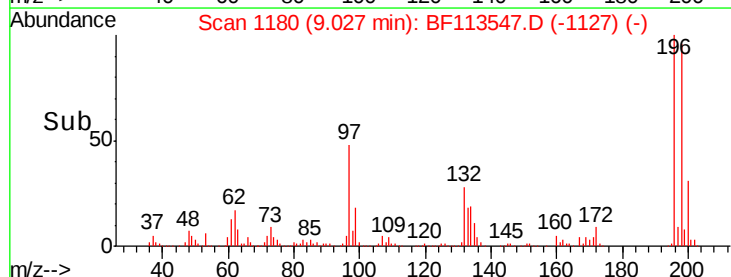


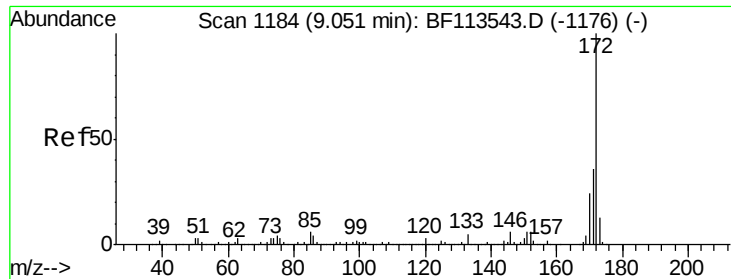
#44
 2,4,5-Trichlorophenol
 Concen: 86.731 ng
 RT: 9.03 min Scan# 1180
 Delta R.T. 0.01 min
 Lab File: BF113547.D
 Acq: 3 Apr 2019 14:23

Tgt Ion:196 Resp: 494525
 Ion Ratio Lower Upper
 196 100
 198 95.7 76.0 114.0
 97 47.5 40.2 60.4
 132 28.3 23.5 35.3



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

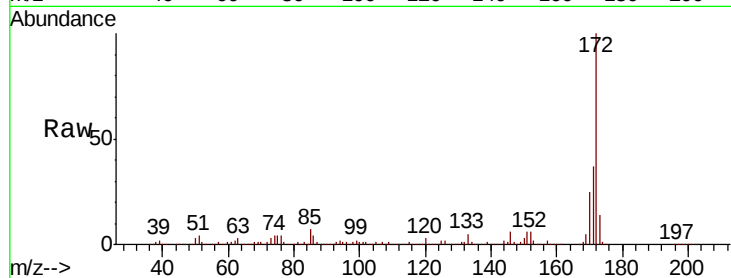




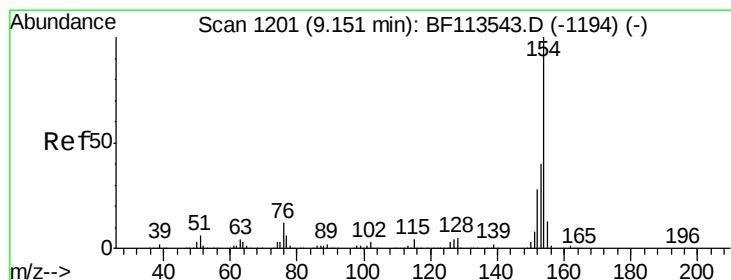
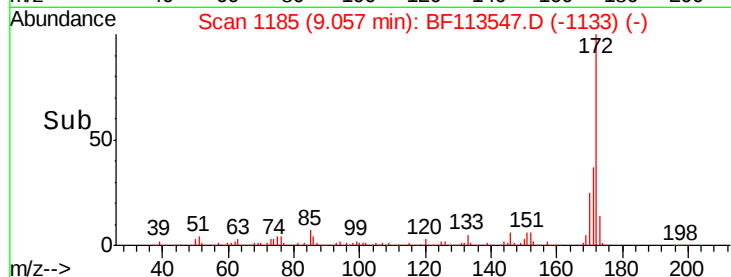
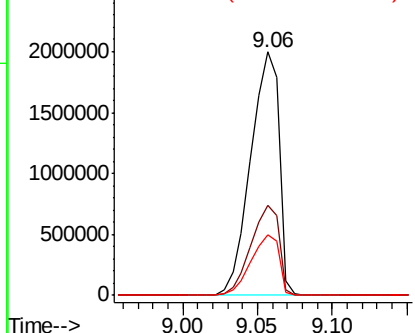
#45
2-Fluorobiphenyl
Concen: 155.745 ng
RT: 9.06 min Scan# 1185
Delta R.T. 0.01 min
Lab File: BF113547.D
Acq: 3 Apr 2019 14:23

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 2617759
Ion Ratio Lower Upper
172 100
171 37.1 29.0 43.6
170 25.0 19.5 29.3

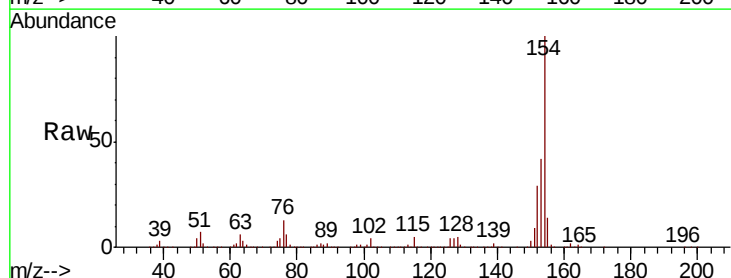


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

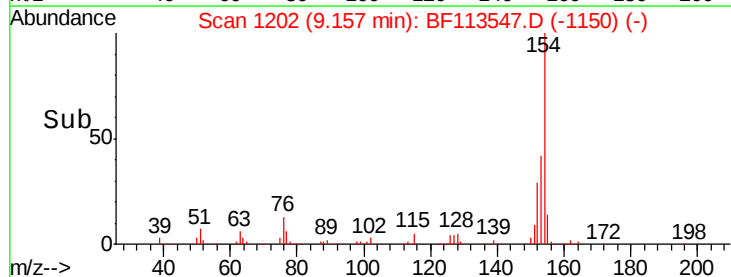
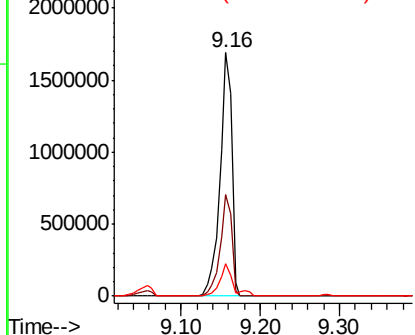


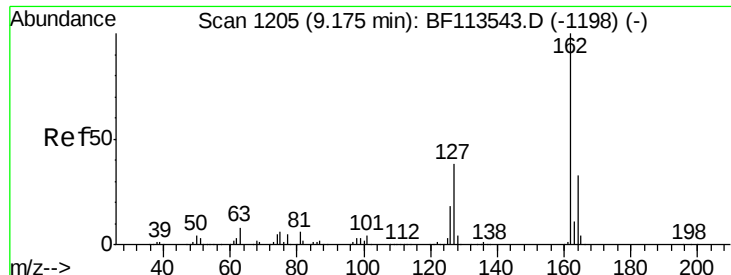
#46
1,1'-Biphenyl
Concen: 84.467 ng
RT: 9.16 min Scan# 1202
Delta R.T. 0.01 min
Lab File: BF113547.D
Acq: 3 Apr 2019 14:23

Tgt Ion:154 Resp: 1738794
Ion Ratio Lower Upper
154 100
153 41.5 20.2 60.2
76 13.3 0.0 31.7



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF1

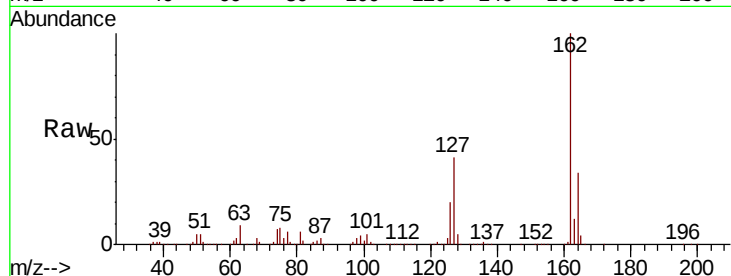




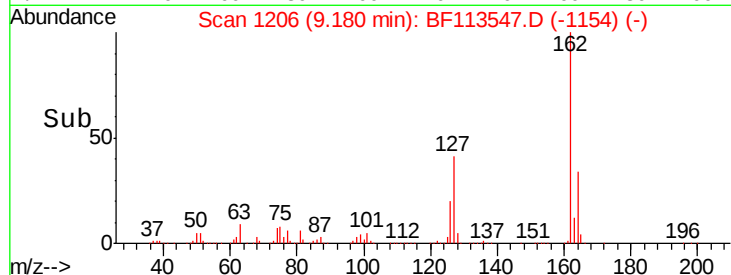
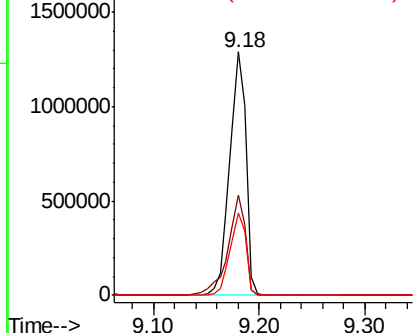
#47
 2-Chloronaphthalene
 Concen: 86.586 ng
 RT: 9.18 min Scan# 1206
 Delta R.T. 0.01 min
 Lab File: BF113547.D
 Acq: 3 Apr 2019 14:23

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:162 Resp: 1372362
 Ion Ratio Lower Upper
 162 100
 127 41.4 31.0 46.4
 164 33.9 26.6 40.0

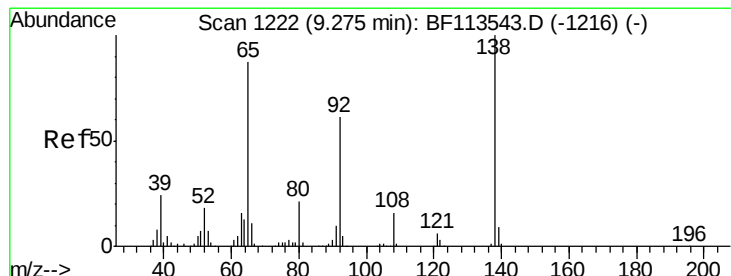


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

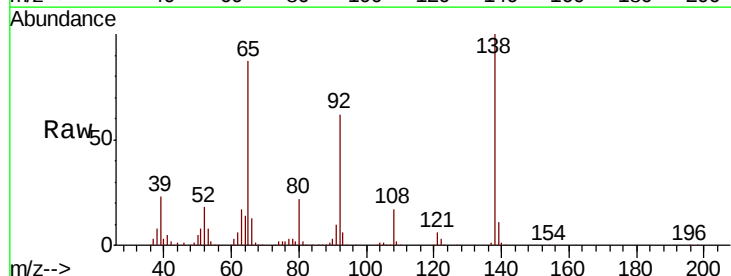
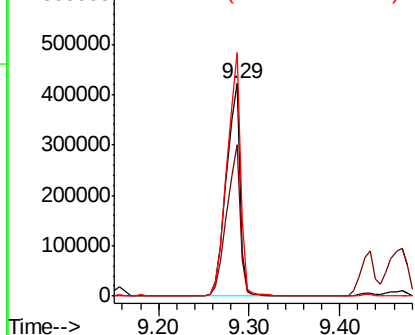


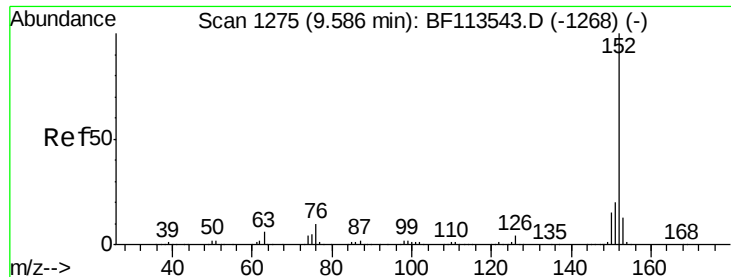
#48
 2-Nitroaniline
 Concen: 88.570 ng
 RT: 9.29 min Scan# 1224
 Delta R.T. 0.01 min
 Lab File: BF113547.D
 Acq: 3 Apr 2019 14:23

Tgt Ion: 65 Resp: 440540
 Ion Ratio Lower Upper
 65 100
 92 71.4 56.0 84.0
 138 114.6 92.1 138.1



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: 81.550 ng

RT: 9.60 min Scan# 1277

Delta R.T. 0.01 min

Lab File: BF113547.D

Acq: 3 Apr 2019 14:23

Instrument :

BNA_F

ClientSampleId :

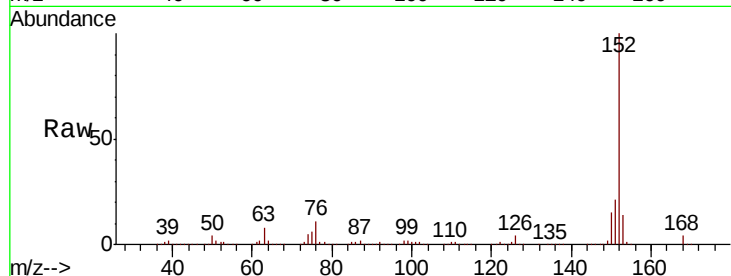
Tot Ion:152 Resp: 2089940

Ion Ratio Lower Upper

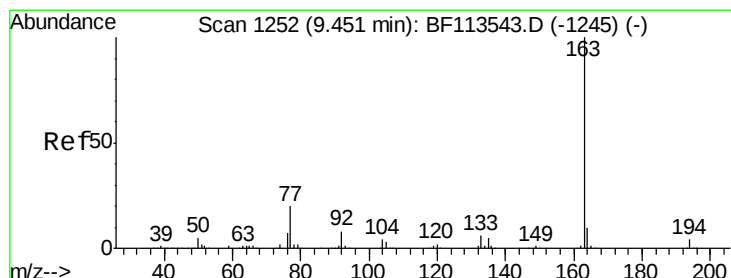
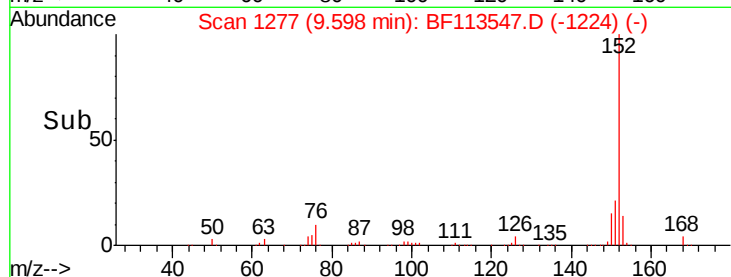
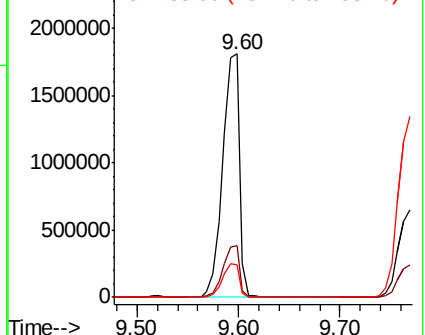
152 100

151 21.0 16.3 24.5

153 13.5 10.8 16.2



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: 92.379 ng

RT: 9.47 min Scan# 1255

Delta R.T. 0.02 min

Lab File: BF113547.D

Acq: 3 Apr 2019 14:23

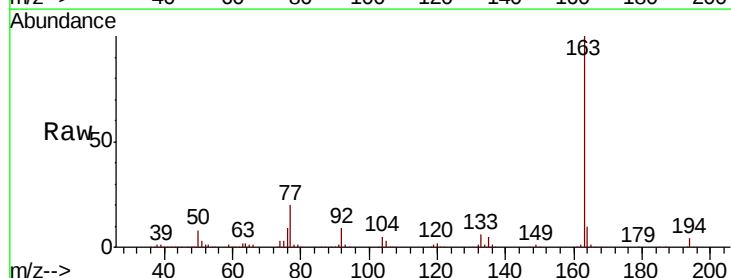
Tgt Ion:163 Resp: 1687379

Ion Ratio Lower Upper

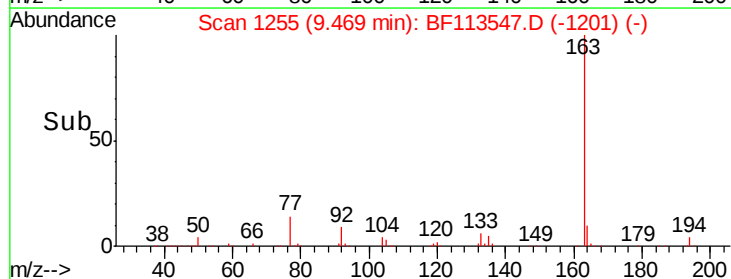
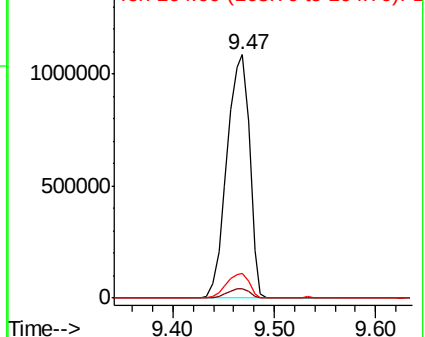
163 100

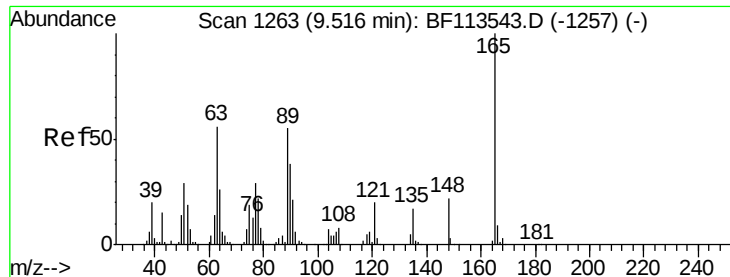
194 4.0 3.1 4.7

164 10.4 8.2 12.4



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: 87.795 ng

RT: 9.53 min Scan# 1266

Delta R.T. 0.02 min

Lab File: BF113547.D

Acq: 3 Apr 2019 14:23

Instrument :

BNA_F

ClientSampleId :

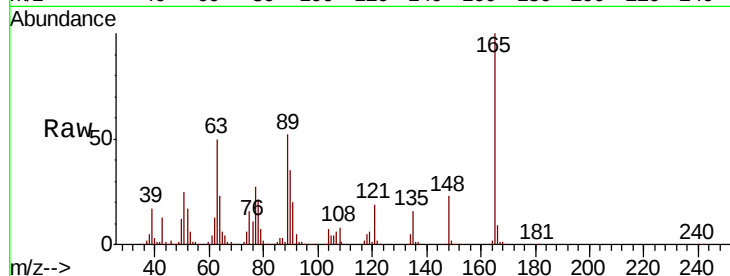
Tot Ion:165 Resp: 361777

Ion Ratio Lower Upper

165 100

63 50.0 45.1 67.7

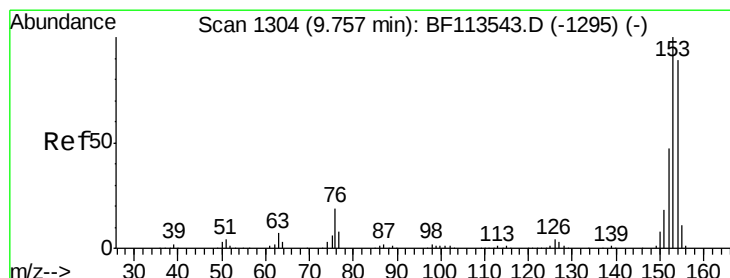
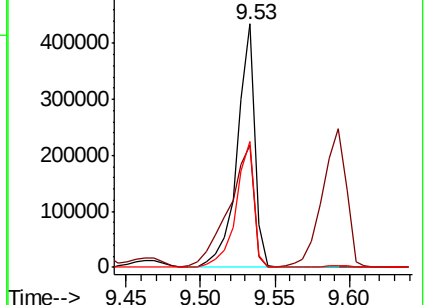
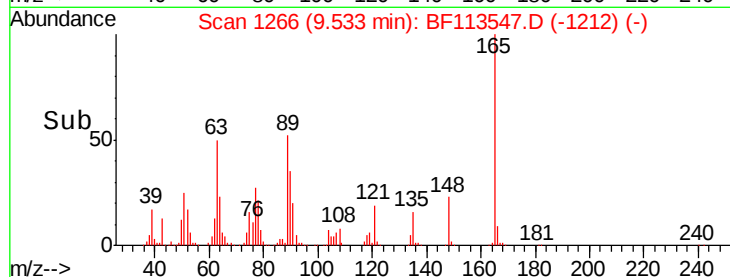
89 51.8 43.9 65.9



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: 85.545 ng

RT: 9.77 min Scan# 1306

Delta R.T. 0.01 min

Lab File: BF113547.D

Acq: 3 Apr 2019 14:23

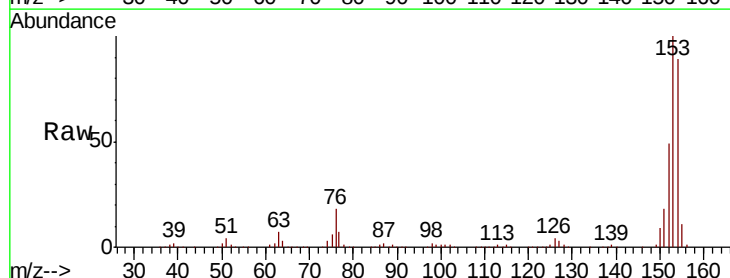
Tgt Ion:154 Resp: 1234614

Ion Ratio Lower Upper

154 100

153 111.9 89.8 134.8

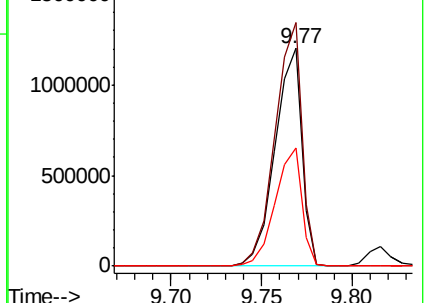
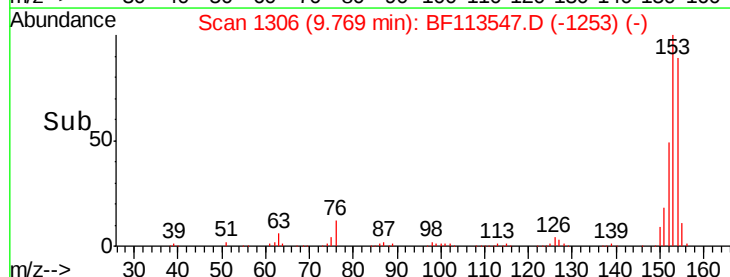
152 54.6 42.5 63.7

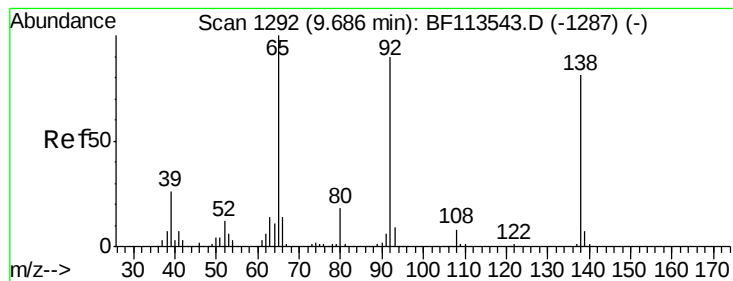


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#53

3-Nitroaniline

Concen: 88.673 ng

RT: 9.70 min Scan# 1295

Delta R.T. 0.02 min

Lab File: BF113547.D

Acq: 3 Apr 2019 14:23

Instrument :

BNA_F

ClientSampleId :

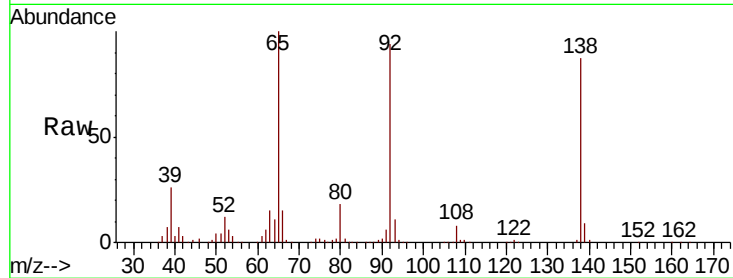
Tot Ion:138 Resp: 412064

Ion Ratio Lower Upper

138 100

108 9.6 7.6 11.4

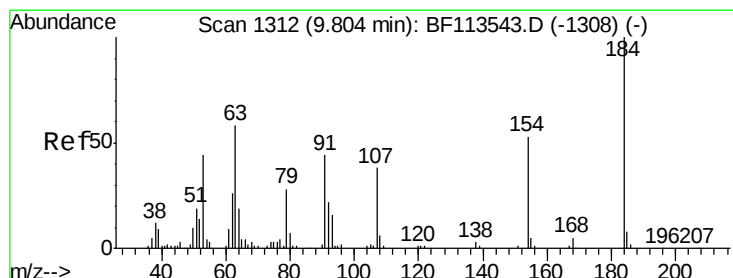
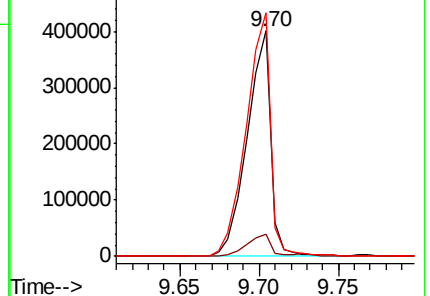
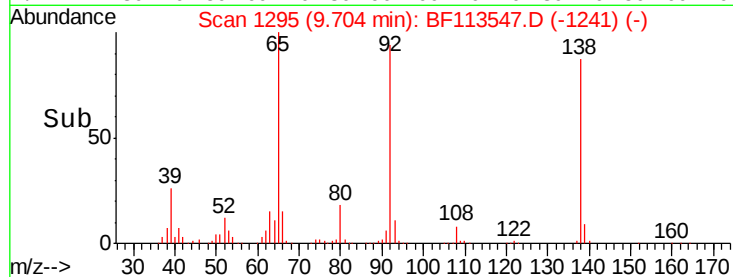
92 108.1 89.0 133.6



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: 96.487 ng

RT: 9.82 min Scan# 1314

Delta R.T. 0.01 min

Lab File: BF113547.D

Acq: 3 Apr 2019 14:23

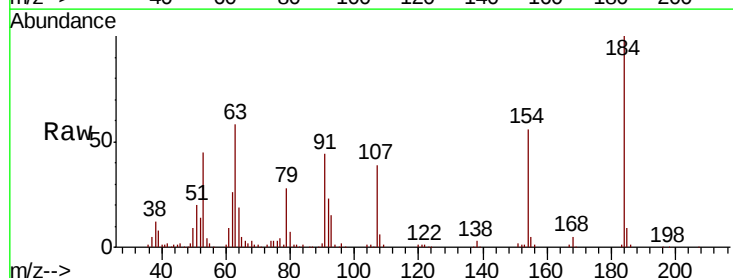
Tgt Ion:184 Resp: 197749

Ion Ratio Lower Upper

184 100

63 57.7 46.4 69.6

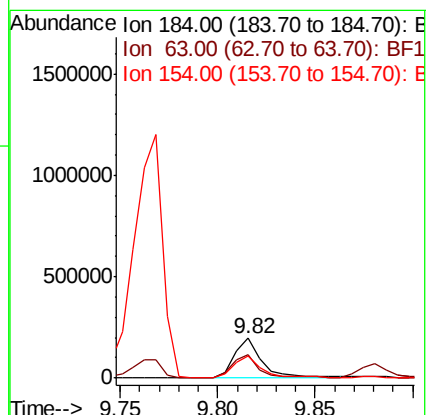
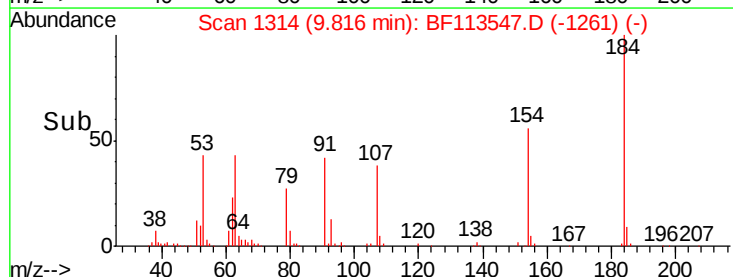
154 55.6 44.3 66.5

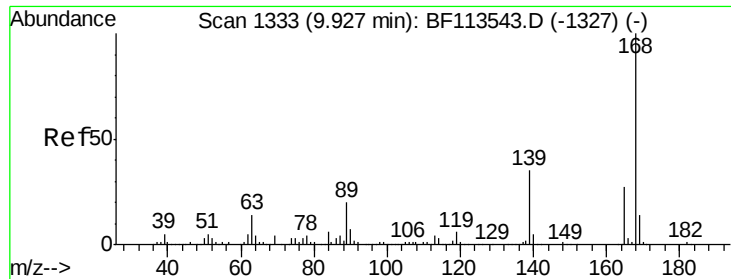


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E

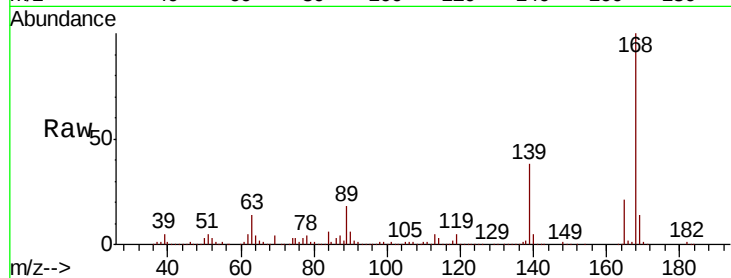




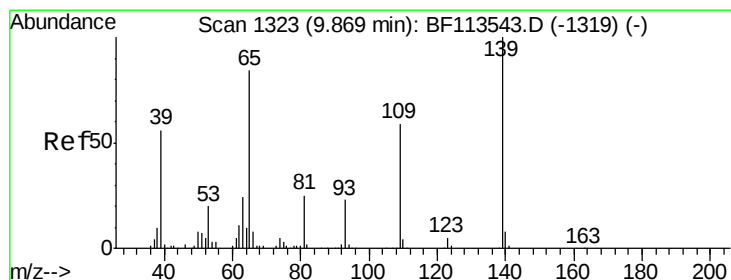
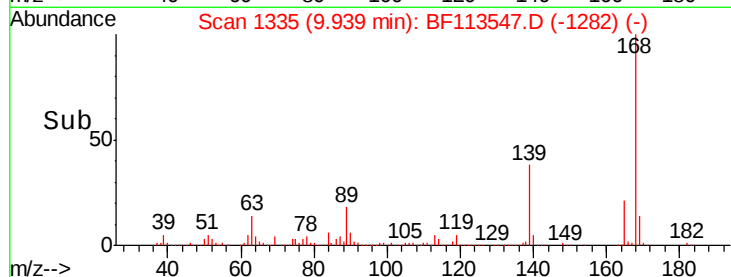
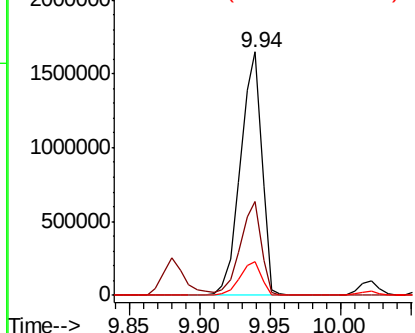
#55
Dibenzofuran
Concen: 80.126 ng
RT: 9.94 min Scan# 1335
Delta R.T. 0.01 min
Lab File: BF113547.D
Acq: 3 Apr 2019 14:23

Instrument :
BNA_F
ClientSampleId :

Tot Ion:168 Resp: 1738458
Ion Ratio Lower Upper
168 100
139 38.3 29.3 43.9
169 13.8 11.1 16.7

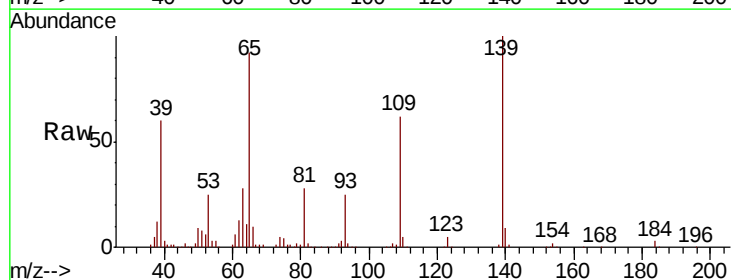


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

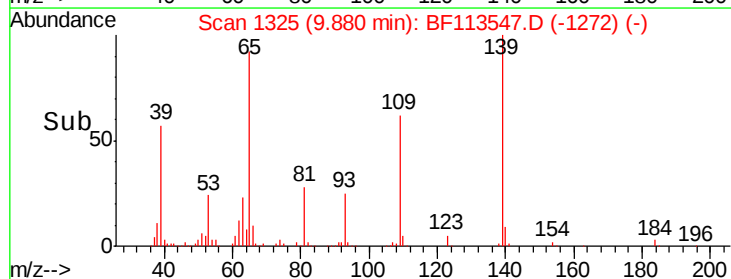
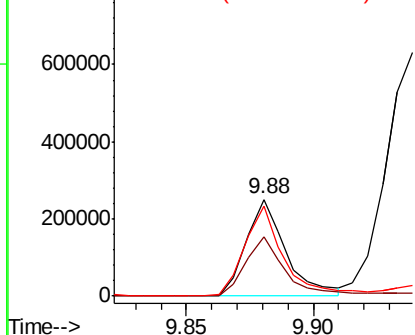


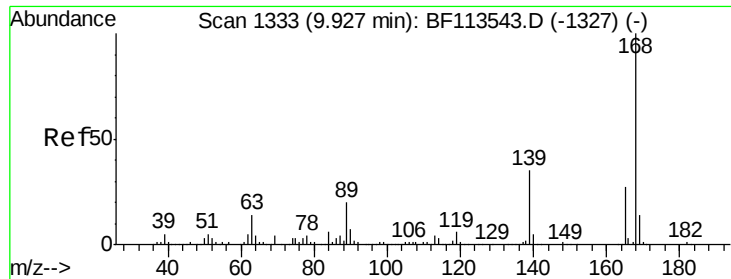
#56
4-Nitrophenol
Concen: 82.804 ng
RT: 9.88 min Scan# 1325
Delta R.T. 0.01 min
Lab File: BF113547.D
Acq: 3 Apr 2019 14:23

Tgt Ion:139 Resp: 274331
Ion Ratio Lower Upper
139 100
109 61.5 38.9 78.9
65 92.3 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

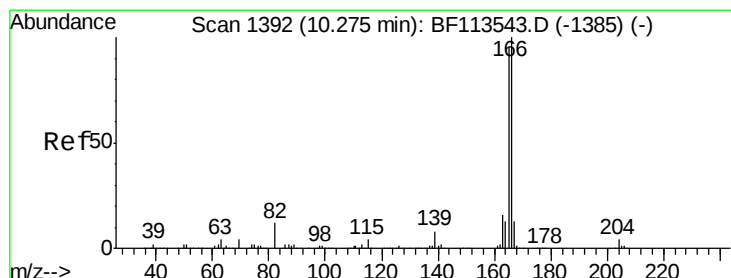
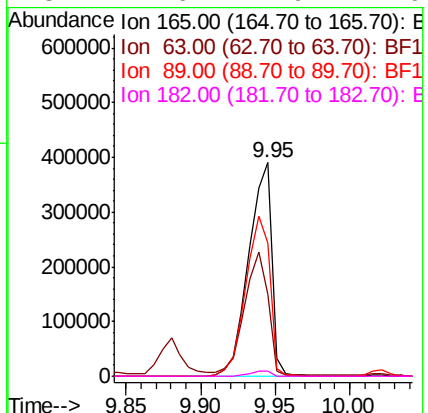
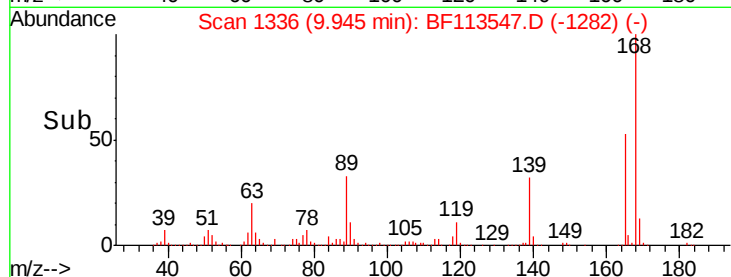
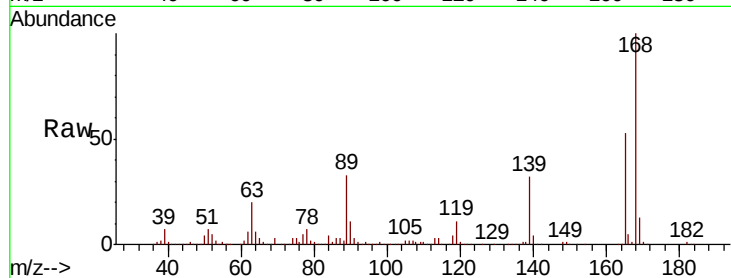




#57
 2,4-Dinitrotoluene
 Concen: 79.664 ng
 RT: 9.95 min Scan# 1336
 Delta R.T. 0.02 min
 Lab File: BF113547.D
 Acq: 3 Apr 2019 14:23

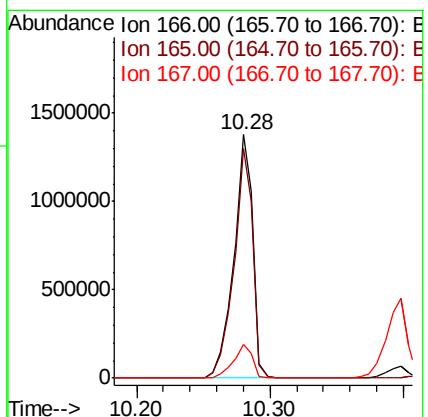
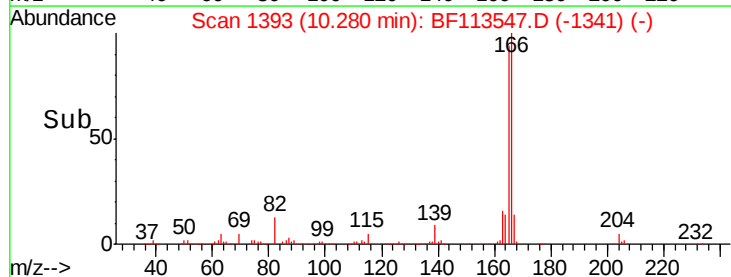
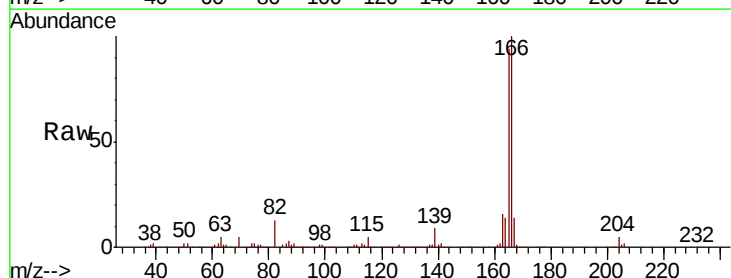
Instrument :
 BNA_F
 ClientSampleId :

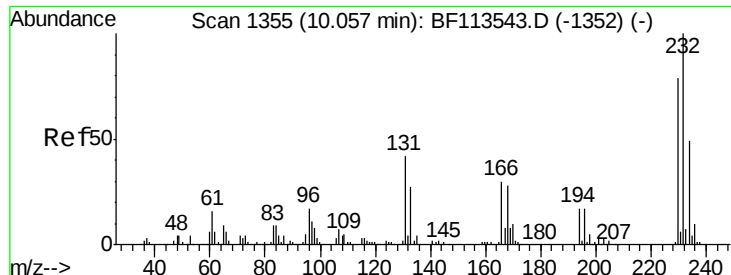
Tot Ion:165 Resp: 417464
 Ion Ratio Lower Upper
 165 100
 63 38.7 44.7 67.1#
 89 62.3 60.4 90.6
 182 2.6 1.9 2.9



#58
 Fluorene
 Concen: 81.325 ng
 RT: 10.28 min Scan# 1393
 Delta R.T. 0.01 min
 Lab File: BF113547.D
 Acq: 3 Apr 2019 14:23

Tgt Ion:166 Resp: 1370728
 Ion Ratio Lower Upper
 166 100
 165 94.3 75.9 113.9
 167 13.9 10.7 16.1

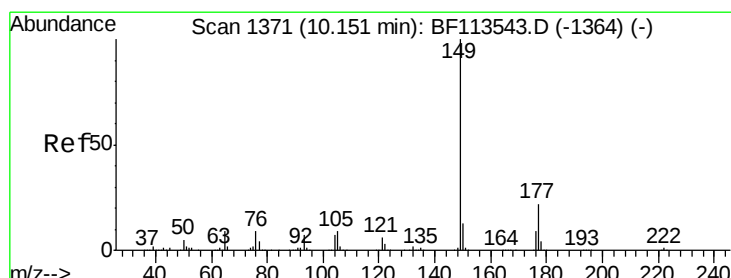
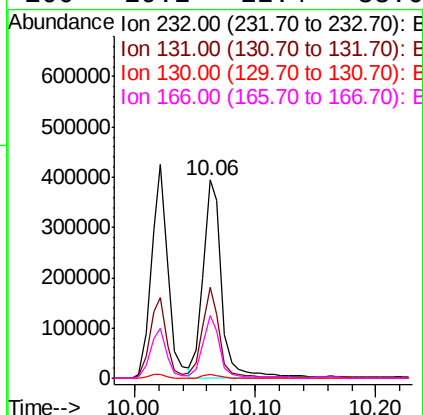
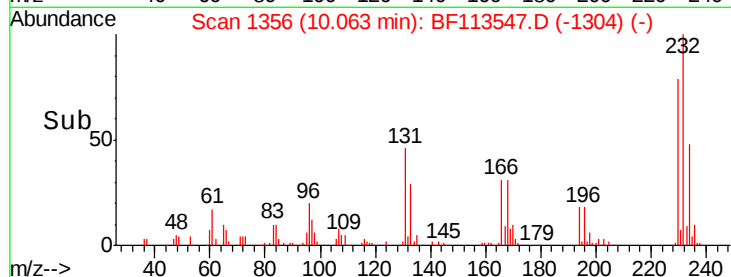
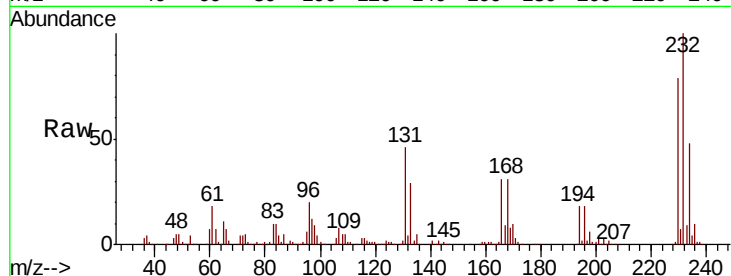




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 86.487 ng
 RT: 10.06 min Scan# 1356
 Delta R.T. 0.01 min
 Lab File: BF113547.D
 Acq: 3 Apr 2019 14:23

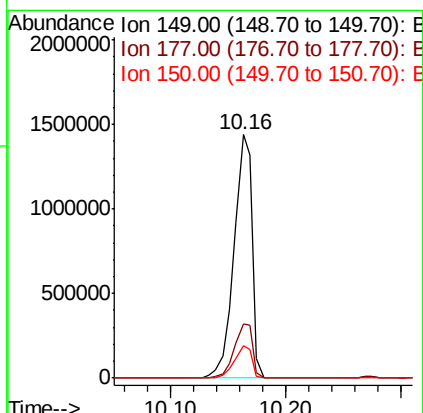
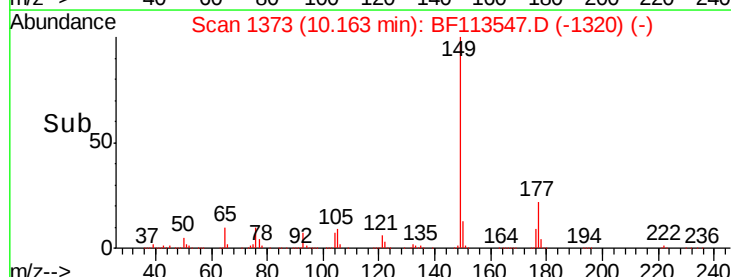
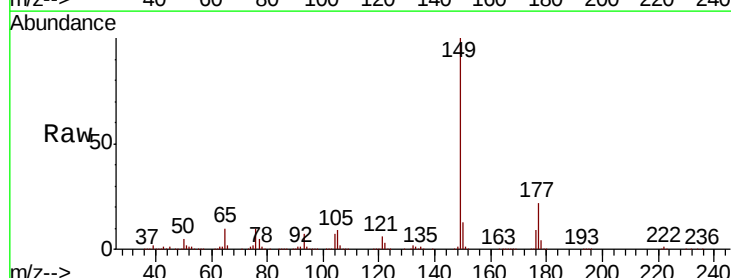
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:232 Resp: 417013
 Ion Ratio Lower Upper
 232 100
 131 43.7 33.6 50.4
 130 2.1 1.4 2.2
 166 29.2 22.4 33.6



#60
 Diethylphthalate
 Concen: 87.010 ng
 RT: 10.16 min Scan# 1373
 Delta R.T. 0.01 min
 Lab File: BF113547.D
 Acq: 3 Apr 2019 14:23

Tgt Ion:149 Resp: 1559103
 Ion Ratio Lower Upper
 149 100
 177 22.5 17.5 26.3
 150 13.1 10.1 15.1

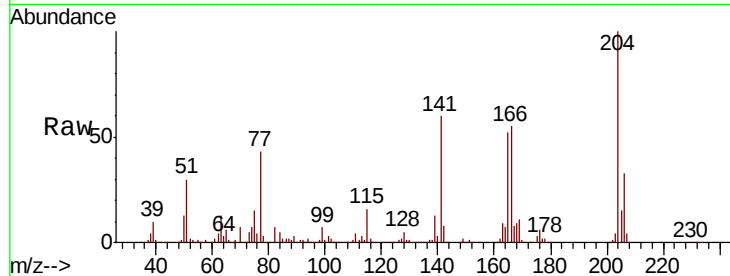




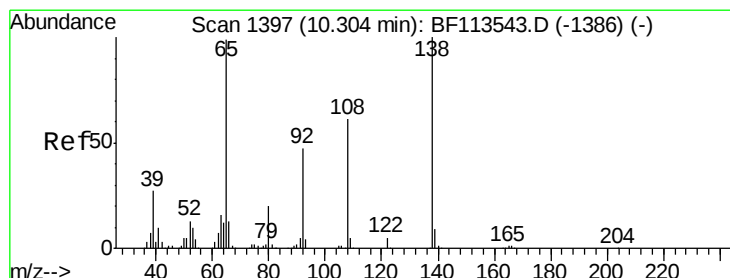
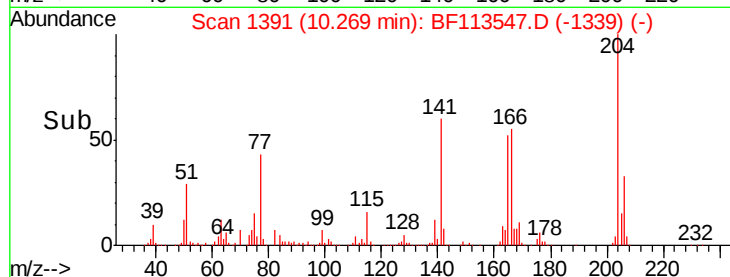
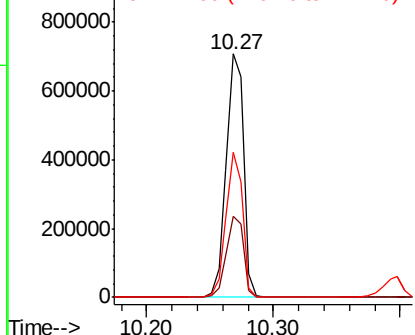
#61
4-Chlorophenyl-phenylether
Concen: 81.665 ng
RT: 10.27 min Scan# 1391
Delta R.T. 0.01 min
Lab File: BF113547.D
Acq: 3 Apr 2019 14:23

Instrument :
BNA_F
ClientSampleId :

Tot Ion:204 Resp: 670858
Ion Ratio Lower Upper
204 100
206 33.3 25.8 38.6
141 59.7 45.6 68.4

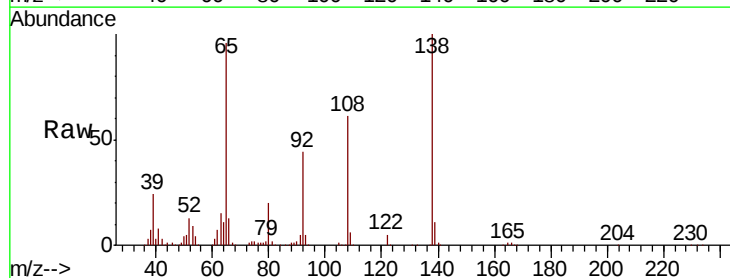


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

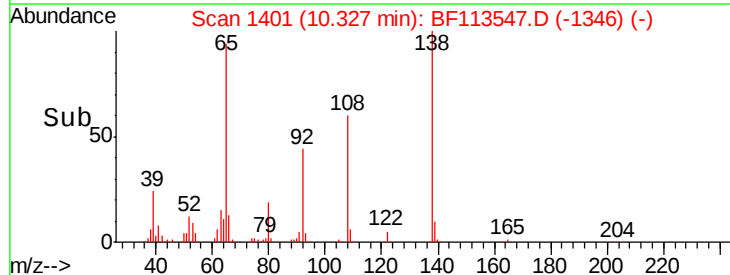
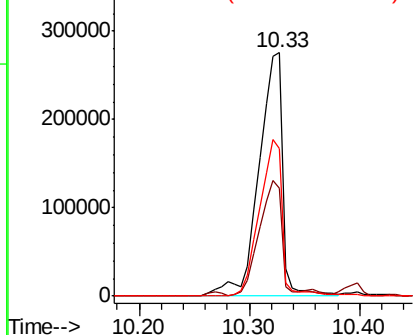


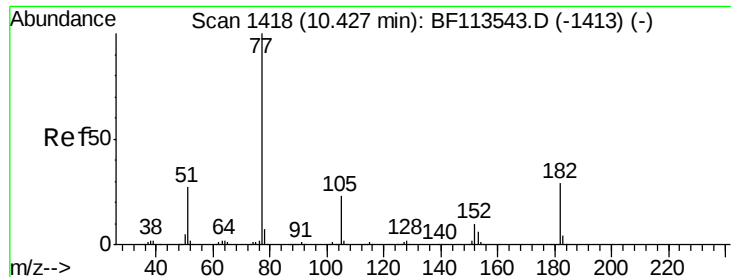
#62
4-Nitroaniline
Concen: 87.478 ng
RT: 10.33 min Scan# 1401
Delta R.T. 0.02 min
Lab File: BF113547.D
Acq: 3 Apr 2019 14:23

Tgt Ion:138 Resp: 418538
Ion Ratio Lower Upper
138 100
92 44.5 26.8 66.8
108 60.6 40.8 80.8



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: 85.042 ng

RT: 10.43 min Scan# 1419

Delta R.T. 0.01 min

Lab File: BF113547.D

Acq: 3 Apr 2019 14:23

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 77 Resp: 1434429

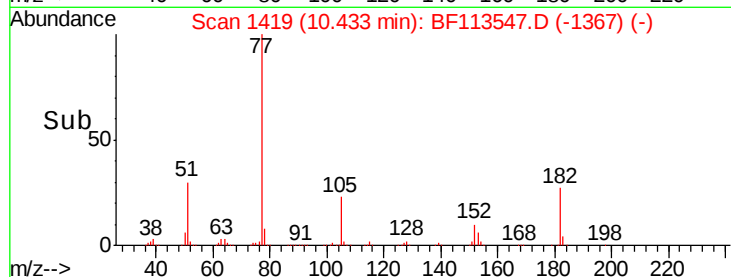
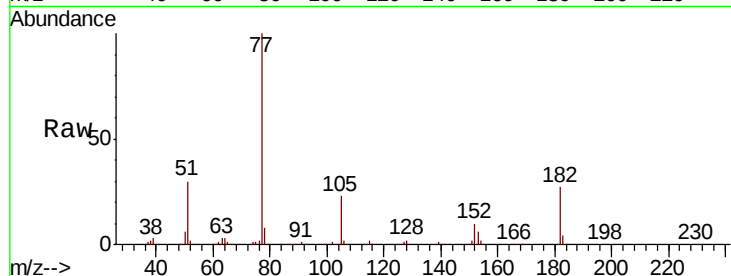
Ion	Ratio	Lower	Upper
77	100		
182	27.0	9.1	49.1
105	23.3	3.4	43.4
51	29.6	7.7	47.7

77 100

182 27.0 9.1 49.1

105 23.3 3.4 43.4

51 29.6 7.7 47.7



Abundance Ion 77.00 (76.70 to 77.70): BF1

2500000 Ion 182.00 (181.70 to 182.70): E

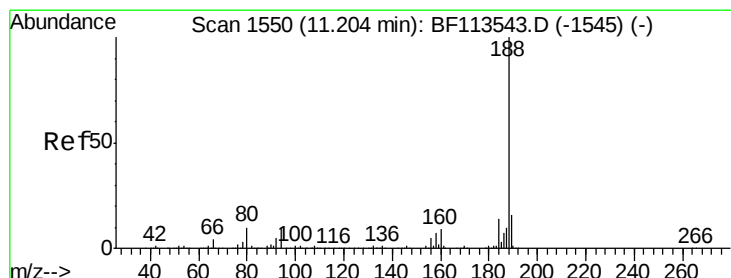
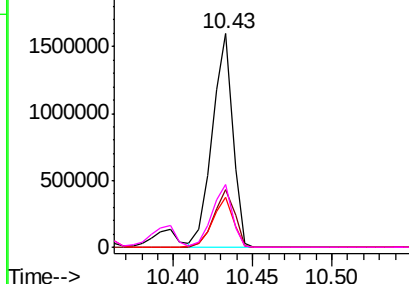
2000000 Ion 105.00 (104.70 to 105.70): E

1500000 Ion 51.00 (50.70 to 51.70): BF1

1000000

500000

0



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.21 min Scan# 1551

Delta R.T. 0.01 min

Lab File: BF113547.D

Acq: 3 Apr 2019 14:23

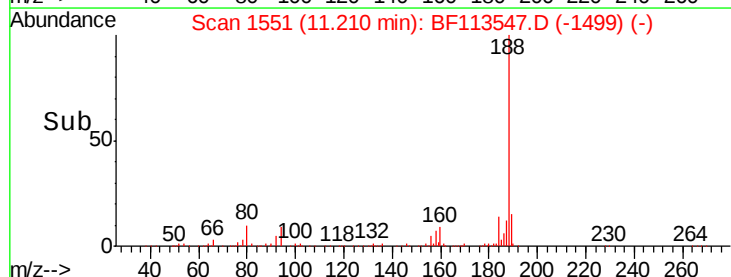
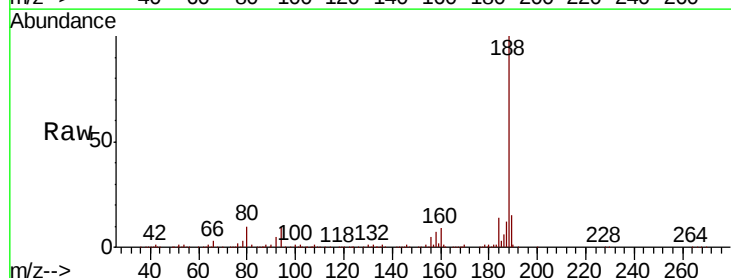
Tgt Ion: 188 Resp: 466230

Ion	Ratio	Lower	Upper
188	100		
94	9.7	8.0	12.0
80	10.1	8.2	12.4

188 100

94 9.7 8.0 12.0

80 10.1 8.2 12.4



Abundance Ion 188.00 (187.70 to 188.70): E

600000 Ion 94.00 (93.70 to 94.70): BF1

500000 Ion 80.00 (79.70 to 80.70): BF1

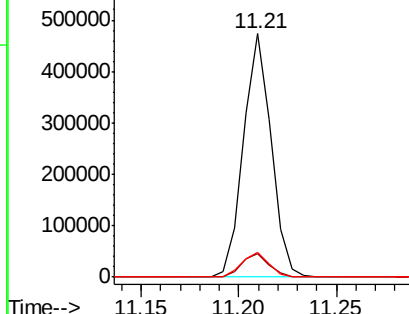
400000

300000

200000

100000

0

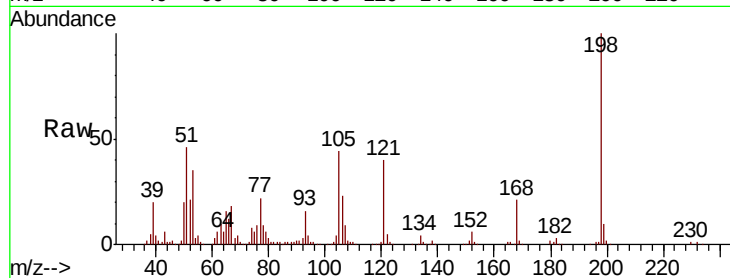




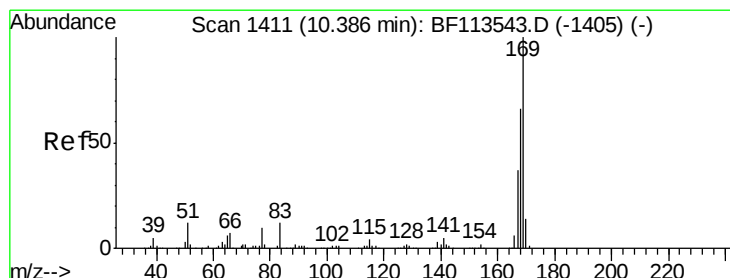
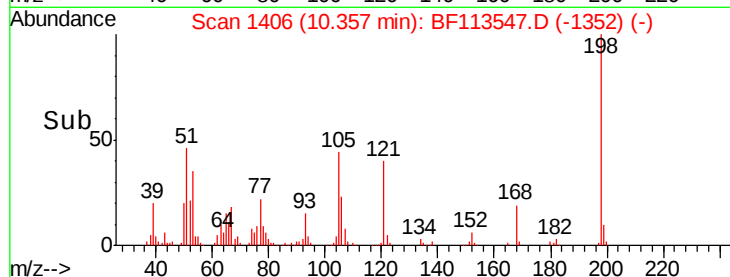
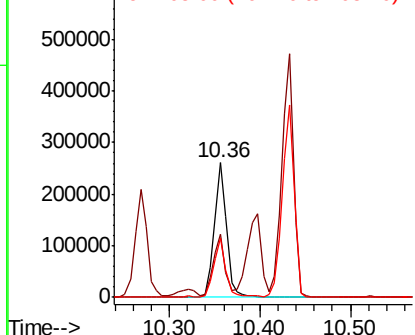
#65
4,6-Dinitro-2-methylphenol
Concen: 97.607 ng
RT: 10.36 min Scan# 1406
Delta R.T. 0.02 min
Lab File: BF113547.D
Acq: 3 Apr 2019 14:23

Instrument :
BNA_F
ClientSampleId :

Tot Ion:198 Resp: 248946
Ion Ratio Lower Upper
198 100
51 46.5 31.0 71.0
105 44.2 26.1 66.1

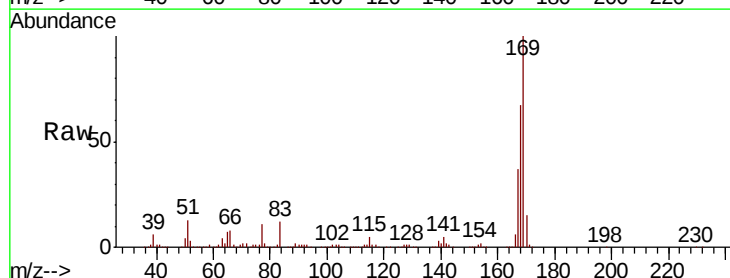


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

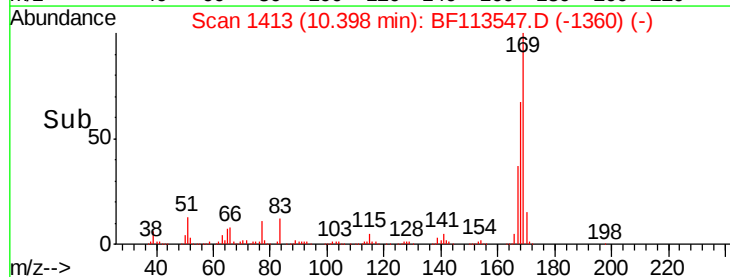
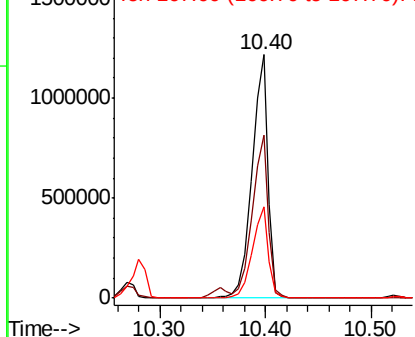


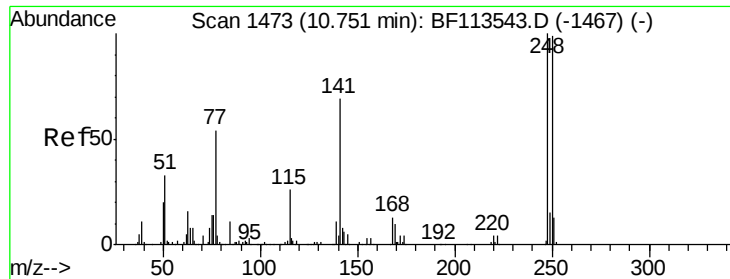
#66
n-Nitrosodiphenylamine
Concen: 89.972 ng
RT: 10.40 min Scan# 1413
Delta R.T. 0.01 min
Lab File: BF113547.D
Acq: 3 Apr 2019 14:23

Tgt Ion:169 Resp: 1287171
Ion Ratio Lower Upper
169 100
168 67.2 53.7 80.5
167 37.4 29.6 44.4



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

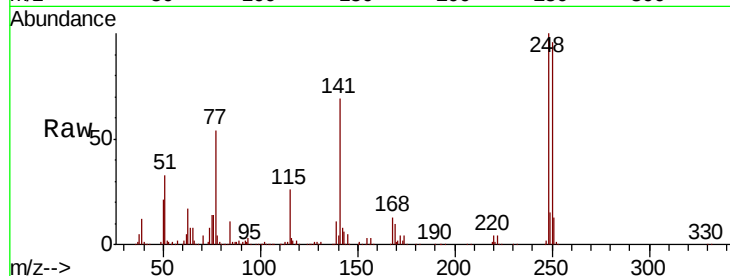




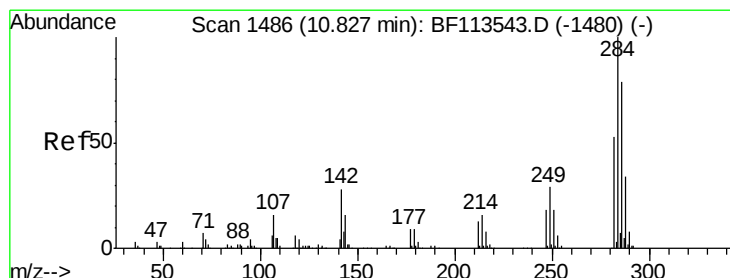
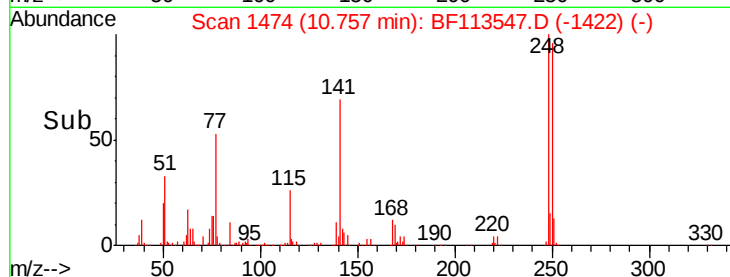
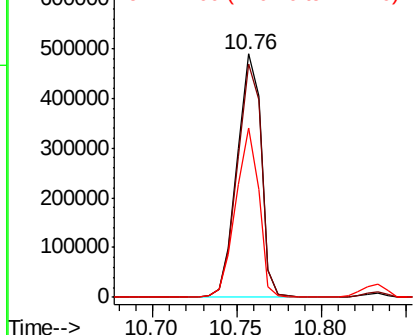
#67
4-Bromophenyl-phenylether
Concen: 95.787 ng
RT: 10.76 min Scan# 1474
Delta R.T. 0.01 min
Lab File: BF113547.D
Acq: 3 Apr 2019 14:23

Instrument :
BNA_F
ClientSampled :

Tot Ion:248 Resp: 486742
Ion Ratio Lower Upper
248 100
250 95.6 78.9 118.3
141 69.4 55.0 82.4

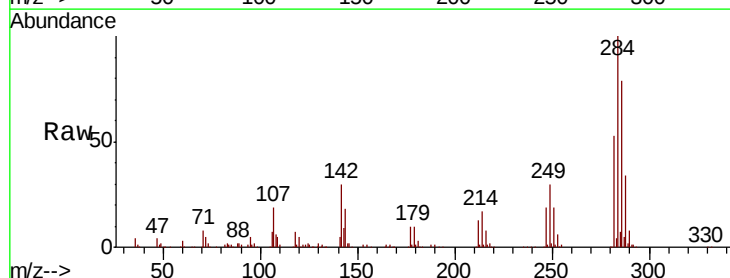


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

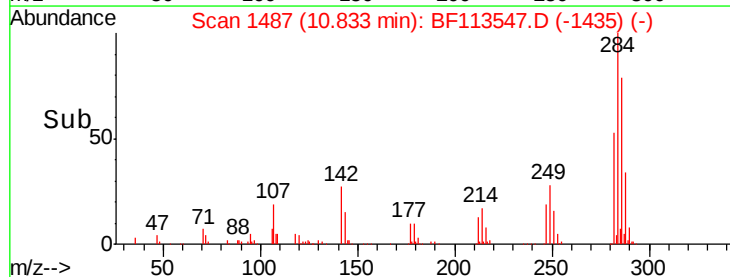
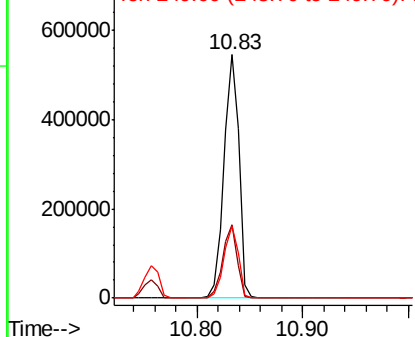


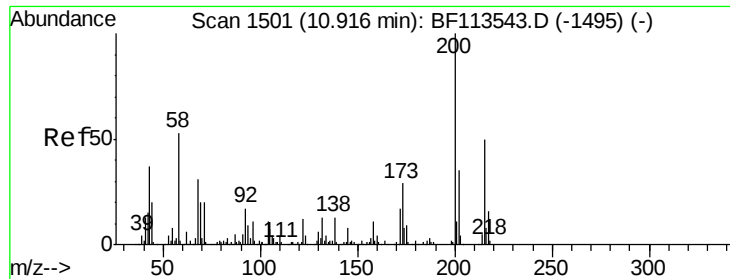
#68
Hexachlorobenzene
Concen: 91.641 ng
RT: 10.83 min Scan# 1487
Delta R.T. 0.01 min
Lab File: BF113547.D
Acq: 3 Apr 2019 14:23

Tgt Ion:284 Resp: 540528
Ion Ratio Lower Upper
284 100
142 30.3 22.5 33.7
249 29.8 22.9 34.3



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

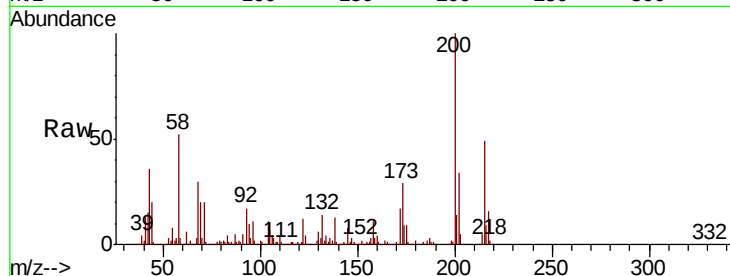




#69
Atrazine
Concen: 86.816 ng
RT: 10.93 min Scan# 1503
Delta R.T. 0.01 min
Lab File: BF113547.D
Acq: 3 Apr 2019 14:23

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
200	100		
173	29.1	8.7	48.7
215	48.9	29.6	69.6

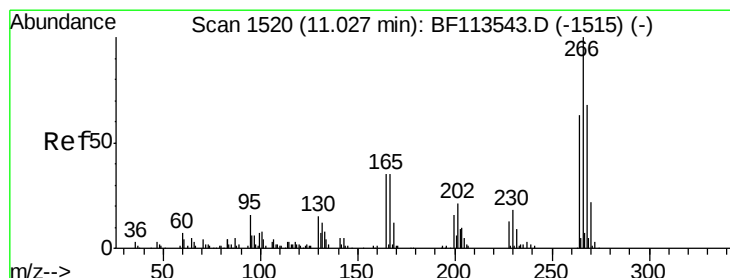
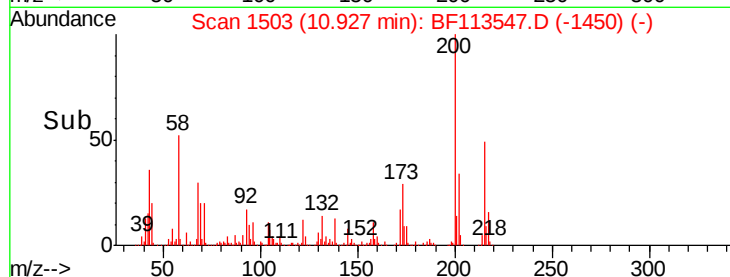
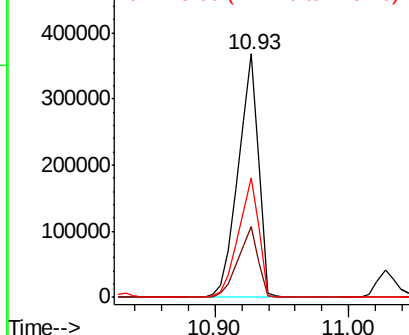


Abundance

Ion 200.00 (199.70 to 200.70): E

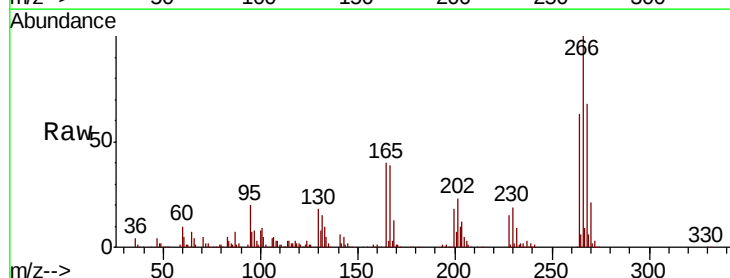
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
Pentachlorophenol
Concen: 91.644 ng
RT: 11.03 min Scan# 1520
Delta R.T. -0.00 min
Lab File: BF113547.D
Acq: 3 Apr 2019 14:23

Tgt Ion	Ratio	Lower	Upper
266	100		
268	68.3	54.7	82.1
264	63.4	50.0	75.0

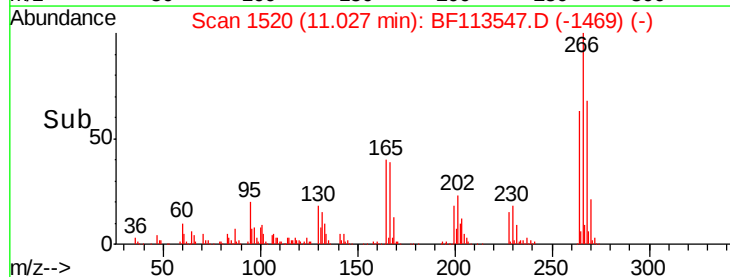
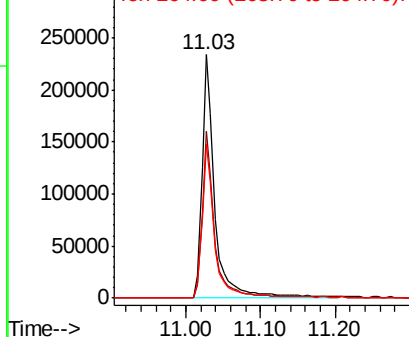


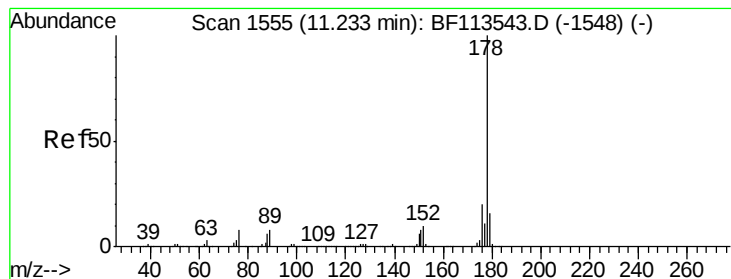
Abundance

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: 86.114 ng

RT: 11.24 min Scan# 1556

Delta R.T. 0.01 min

Lab File: BF113547.D

Acq: 3 Apr 2019 14:23

Instrument :

BNA_F

ClientSampleId :

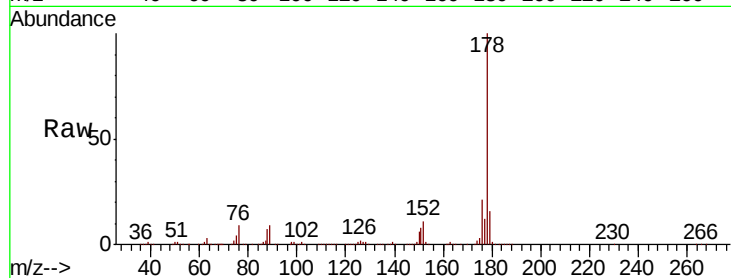
Tot Ion:178 Resp: 1993804

Ion Ratio Lower Upper

178 100

176 20.7 15.8 23.8

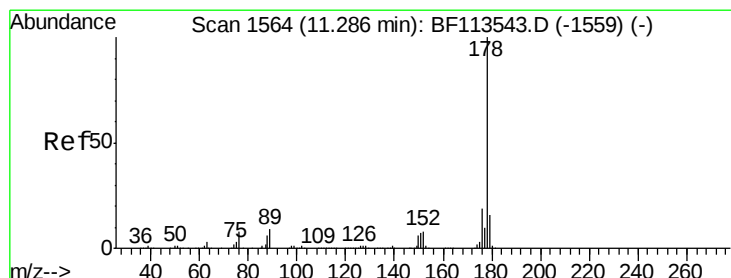
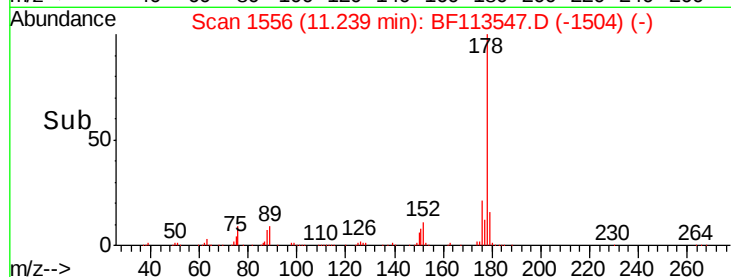
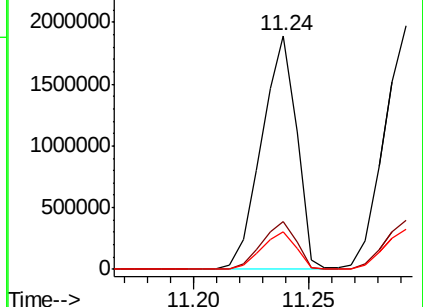
179 16.4 12.6 19.0



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: 85.858 ng

RT: 11.29 min Scan# 1565

Delta R.T. 0.01 min

Lab File: BF113547.D

Acq: 3 Apr 2019 14:23

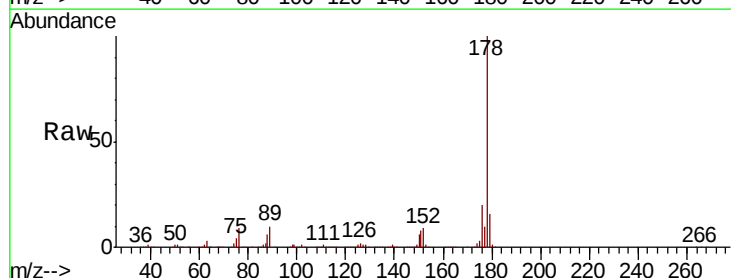
Tgt Ion:178 Resp: 2019177

Ion Ratio Lower Upper

178 100

176 20.2 15.5 23.3

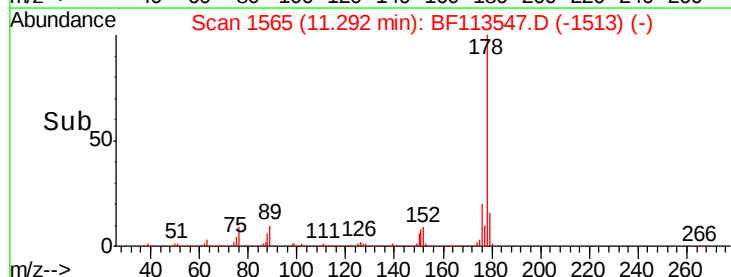
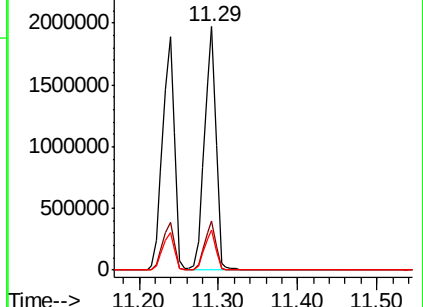
179 16.5 12.5 18.7

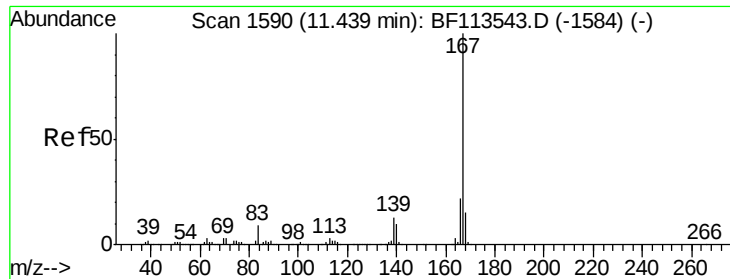


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

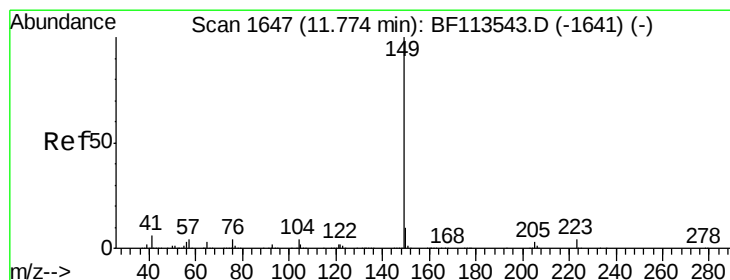
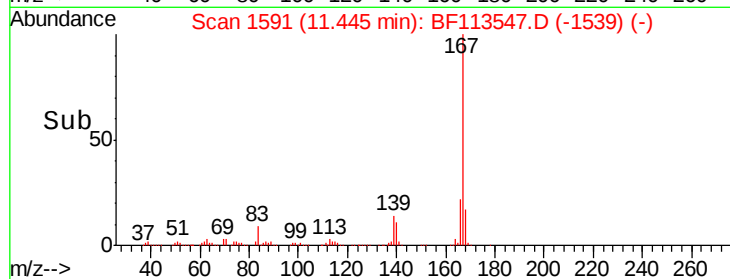
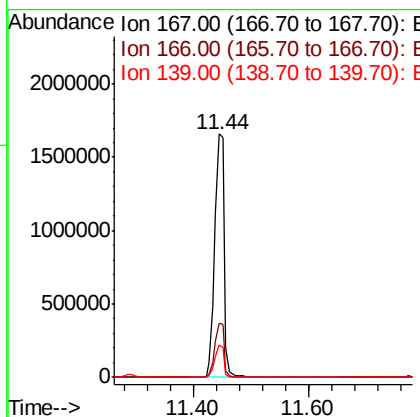
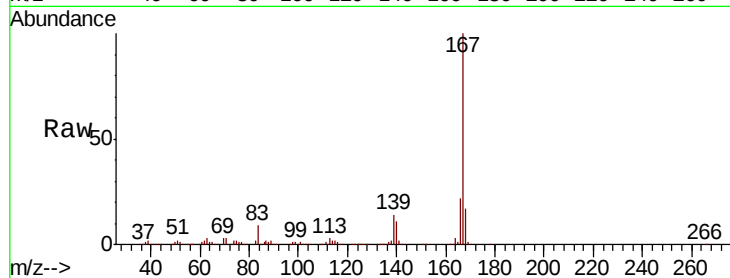




#73
 Carbazole
 Concen: 84.352 ng
 RT: 11.44 min Scan# 1591
 Delta R.T. 0.01 min
 Lab File: BF113547.D
 Acq: 3 Apr 2019 14:23

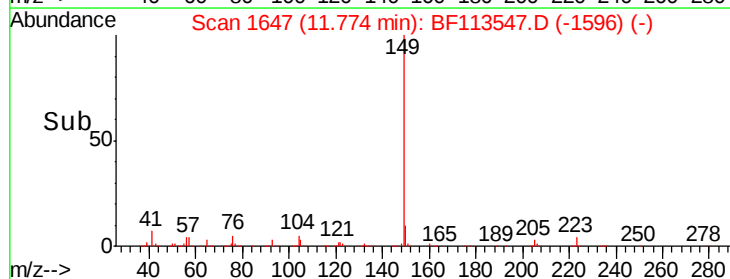
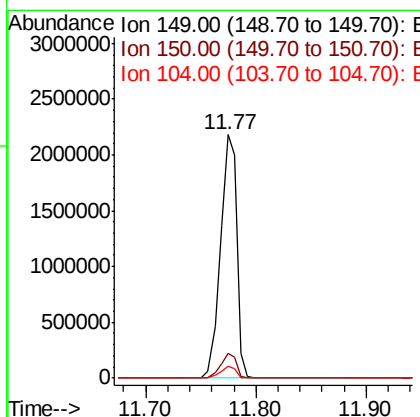
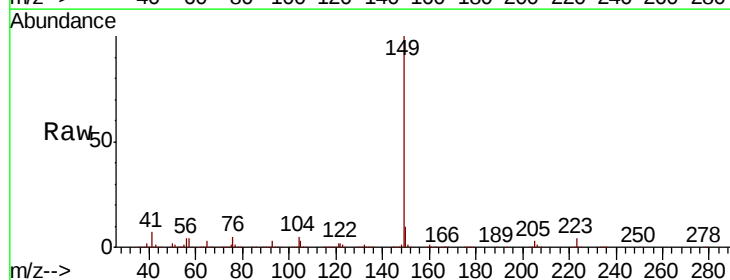
Instrument :
 BNA_F
 ClientSampleId :

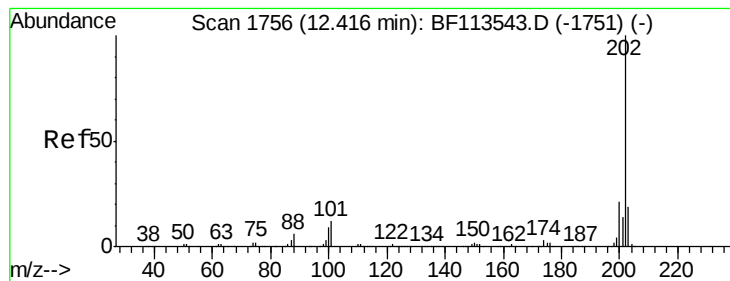
Tot Ion:167 Resp: 1892904
 Ion Ratio Lower Upper
 167 100
 166 22.2 17.4 26.0
 139 13.6 10.3 15.5



#74
 Di-n-butylphthalate
 Concen: 86.055 ng
 RT: 11.77 min Scan# 1647
 Delta R.T. -0.00 min
 Lab File: BF113547.D
 Acq: 3 Apr 2019 14:23

Tgt Ion:149 Resp: 2239410
 Ion Ratio Lower Upper
 149 100
 150 10.0 7.6 11.4
 104 4.8 3.3 4.9





#75

Fluoranthene

Concen: 78.036 ng

RT: 12.42 min Scan# 1757

Delta R.T. 0.01 min

Lab File: BF113547.D

Acq: 3 Apr 2019 14:23

Instrument :

BNA_F

ClientSampleId :

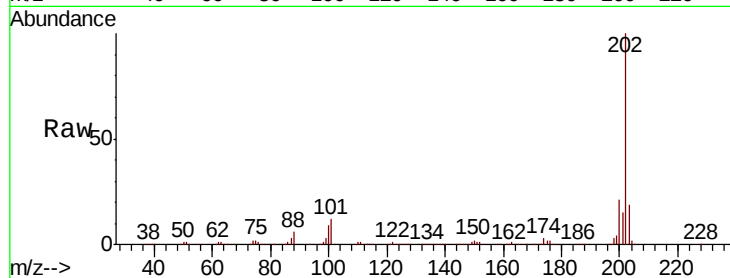
Tot Ion:202 Resp: 2042537

Ion Ratio Lower Upper

202 100

101 12.3 0.0 32.2

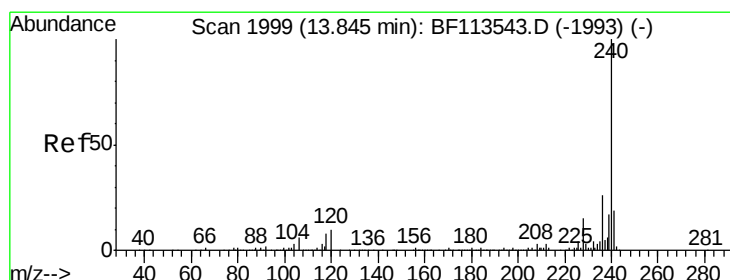
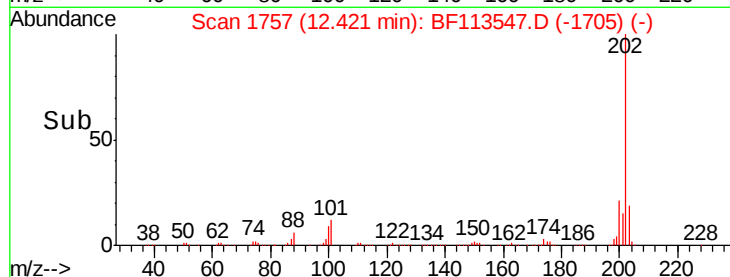
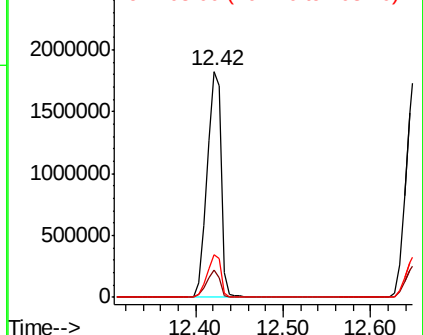
203 18.9 0.0 38.6



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.84 min Scan# 1999

Delta R.T. -0.00 min

Lab File: BF113547.D

Acq: 3 Apr 2019 14:23

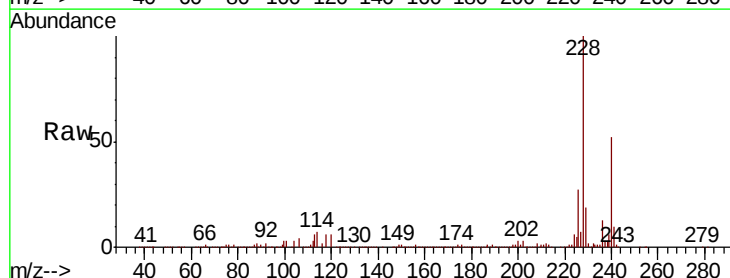
Tgt Ion:240 Resp: 280838

Ion Ratio Lower Upper

240 100

120 12.1 8.0 12.0#

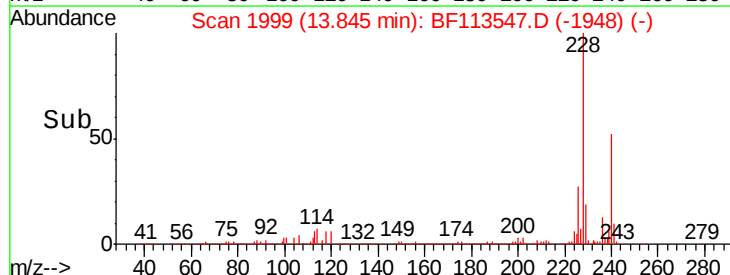
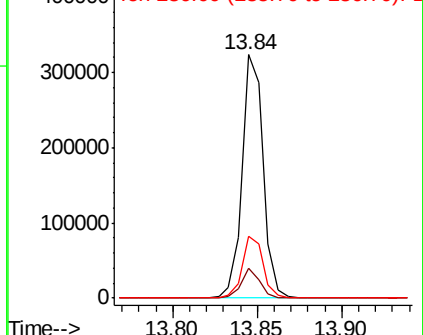
236 25.6 20.9 31.3

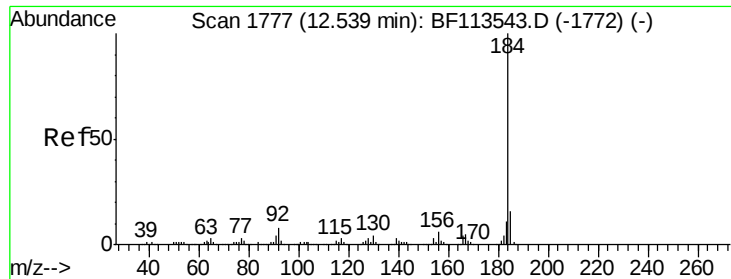


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 2.730 ng

RT: 12.80 min Scan# 1821

Delta R.T. 0.26 min

Lab File: BF113547.D

Acq: 3 Apr 2019 14:23

Instrument :

BNA_F

ClientSampleId :

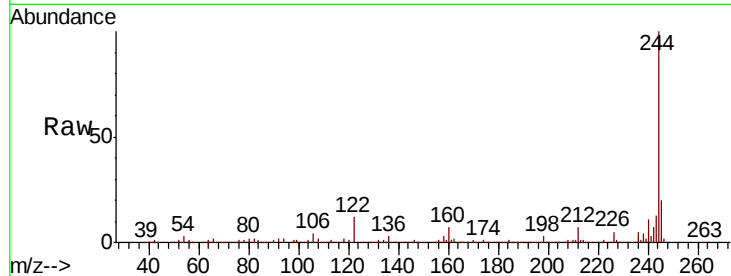
Tot Ion:184 Resp: 29361

Ion Ratio Lower Upper

184 100

185 18.4 13.0 19.6

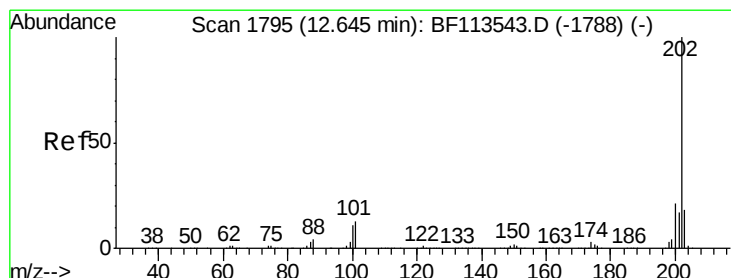
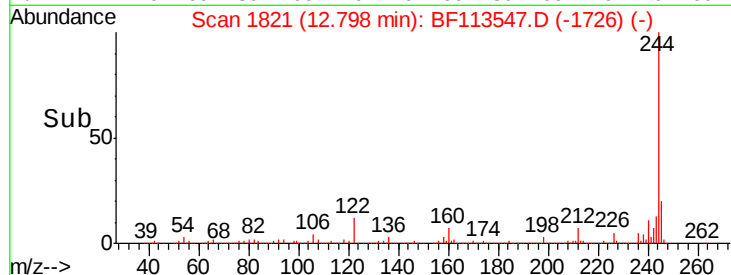
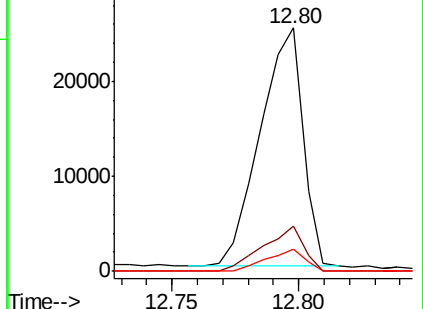
183 9.2 8.7 13.1



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: 104.380 ng

RT: 12.65 min Scan# 1796

Delta R.T. 0.01 min

Lab File: BF113547.D

Acq: 3 Apr 2019 14:23

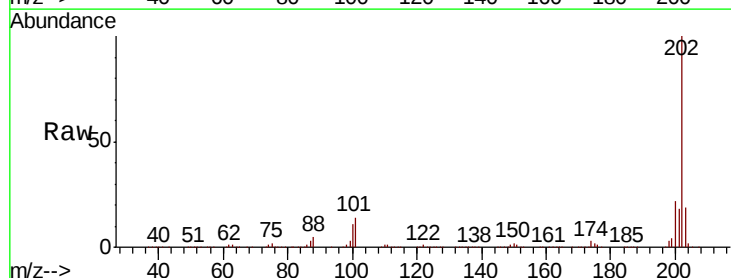
Tgt Ion:202 Resp: 2031347

Ion Ratio Lower Upper

202 100

200 21.7 16.8 25.2

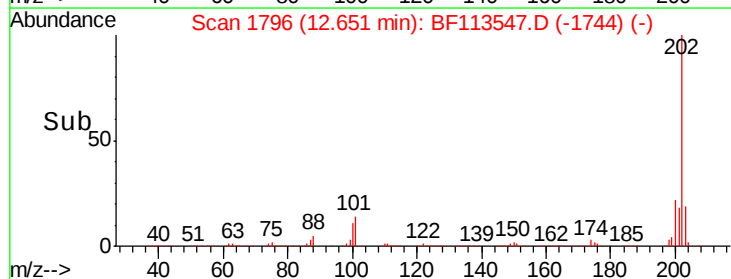
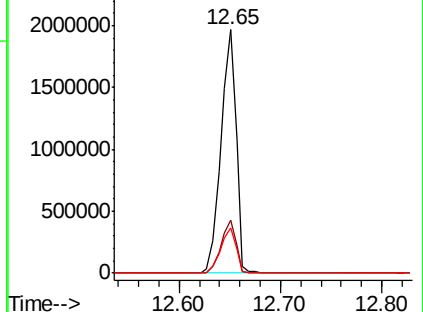
203 18.5 14.6 21.8



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



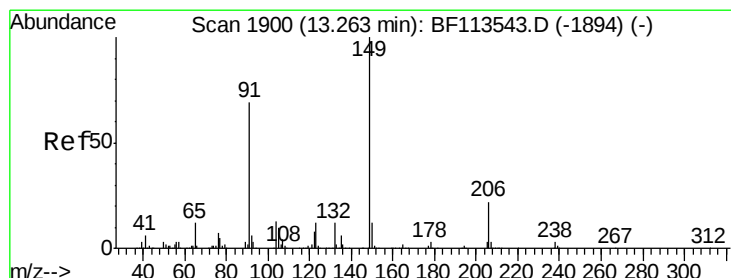
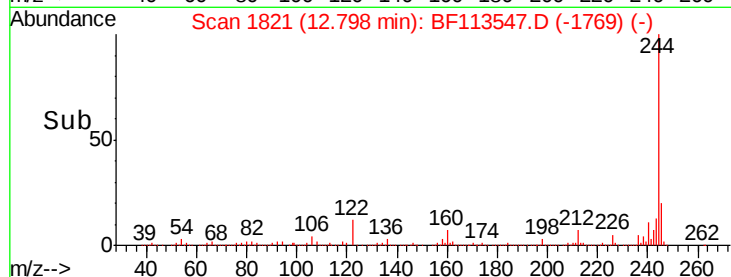
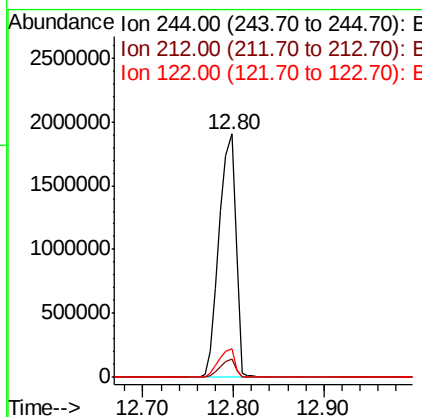
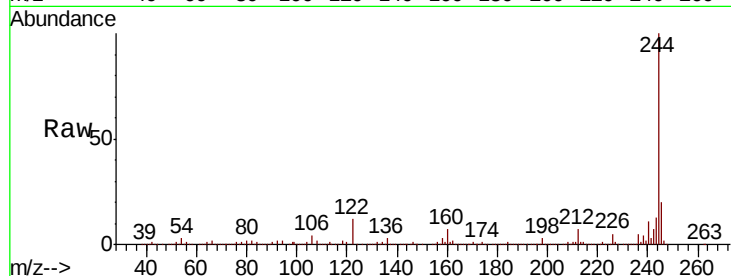


#79
 Terphenyl-d14
 Concen: 190.795 ng
 RT: 12.80 min Scan# 1821
 Delta R.T. 0.01 min
 Lab File: BF113547.D
 Acq: 3 Apr 2019 14:23

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 2430956

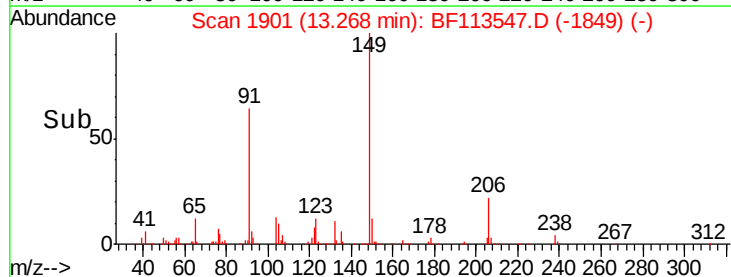
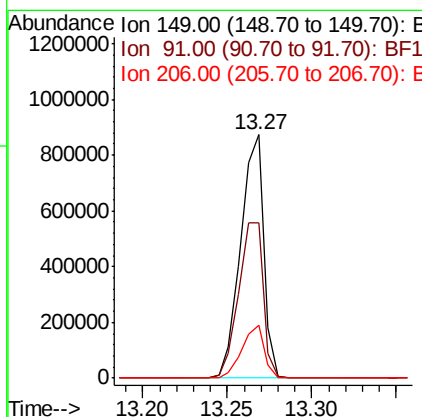
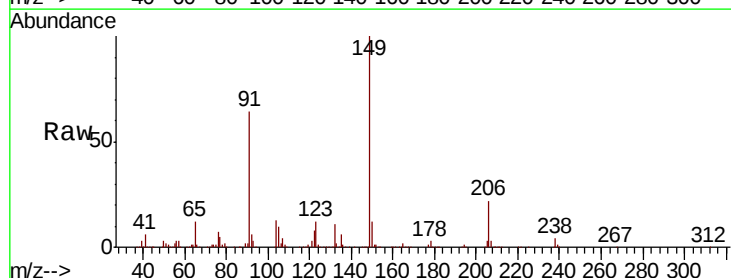
Ion	Ratio	Lower	Upper
244	100		
212	7.3	5.3	7.9
122	11.5	8.2	12.4

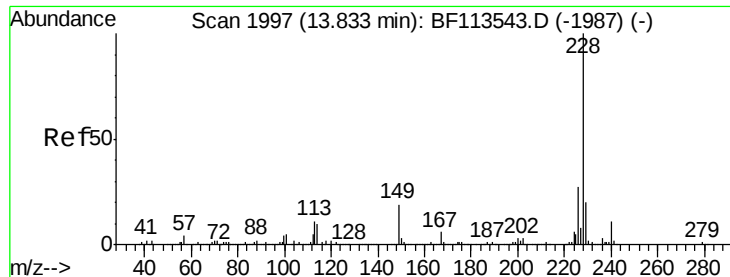


#80
 Butylbenzylphthalate
 Concen: 97.349 ng
 RT: 13.27 min Scan# 1901
 Delta R.T. 0.01 min
 Lab File: BF113547.D
 Acq: 3 Apr 2019 14:23

Tgt Ion:149 Resp: 834932

Ion	Ratio	Lower	Upper
149	100		
91	63.9	54.9	82.3
206	21.8	17.5	26.3





#81

Benzo(a)anthracene

Concen: 92.603 ng

RT: 13.84 min Scan# 1998

Delta R.T. 0.01 min

Lab File: BF113547.D

Acq: 3 Apr 2019 14:23

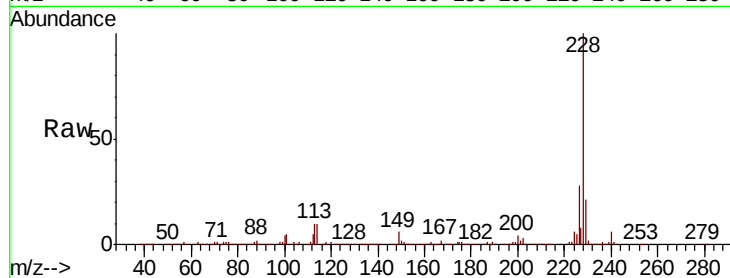
Instrument :

BNA_F

ClientSampleId :

Tot Ion:228 Resp: 1488651

Ion	Ratio	Lower	Upper
228	100		
226	27.9	21.2	31.8
229	20.5	15.8	23.8

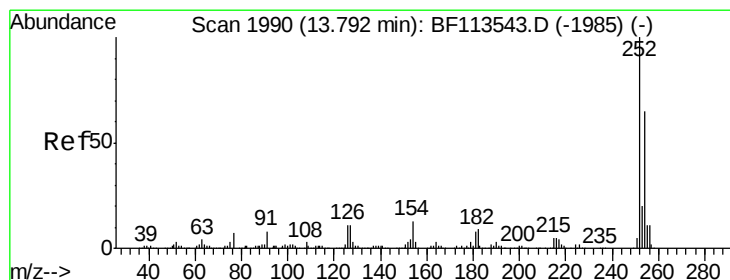
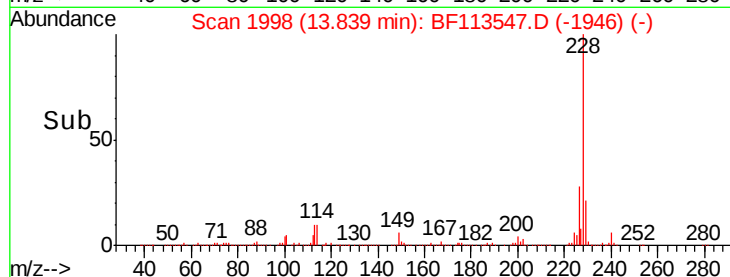
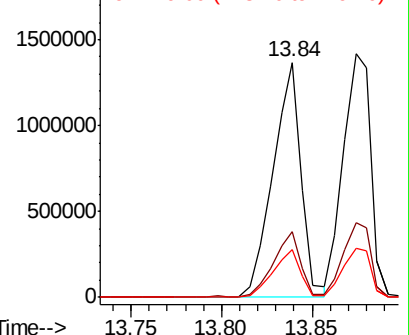


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 77.185 ng

RT: 13.80 min Scan# 1991

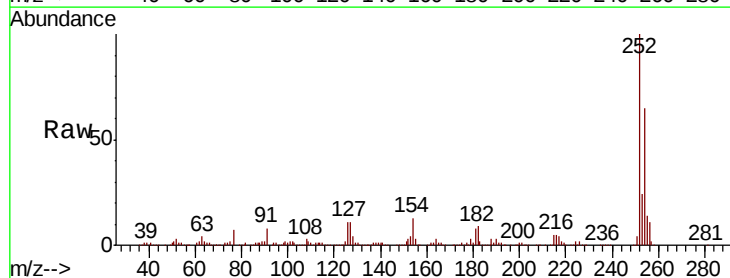
Delta R.T. 0.01 min

Lab File: BF113547.D

Acq: 3 Apr 2019 14:23

Tgt Ion:252 Resp: 497772

Ion	Ratio	Lower	Upper
252	100		
254	65.3	52.1	78.1
126	11.2	8.8	13.2

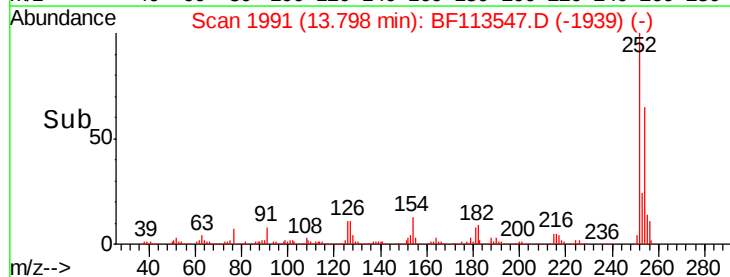
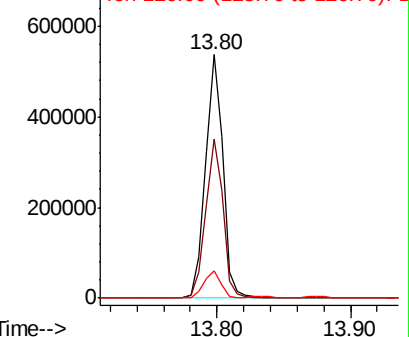


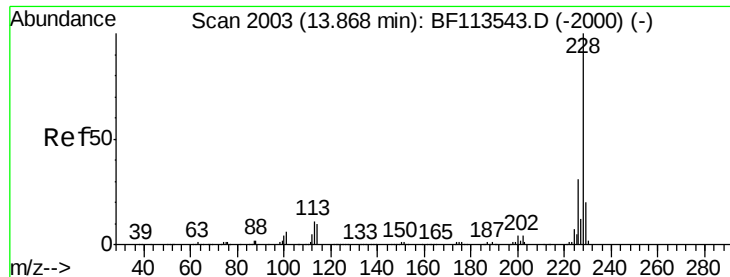
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E

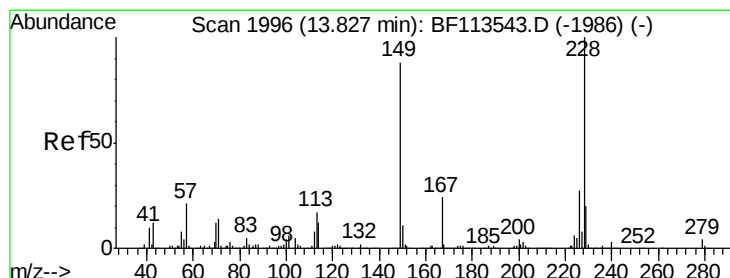
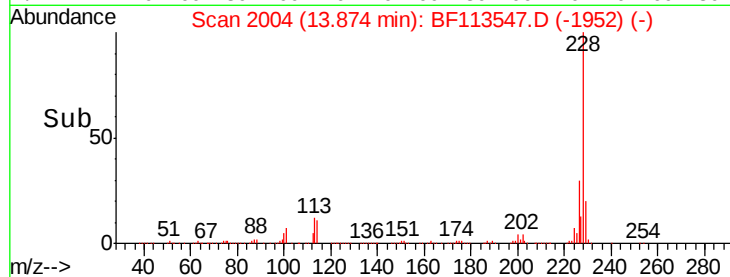
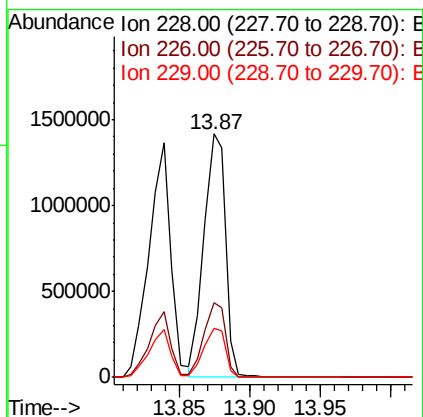
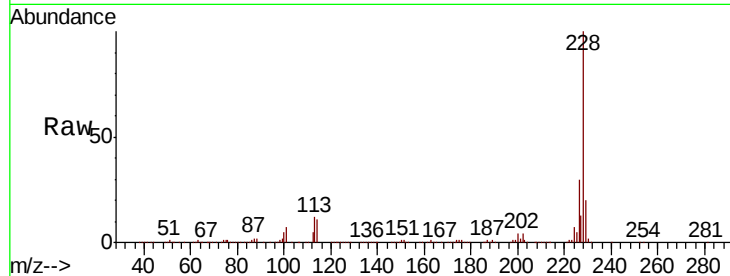




#83
 Chrysene
 Concen: 92.441 ng
 RT: 13.87 min Scan# 2004
 Delta R.T. 0.01 min
 Lab File: BF113547.D
 Acq: 3 Apr 2019 14:23

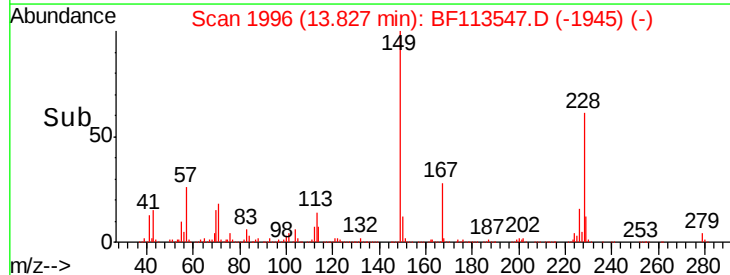
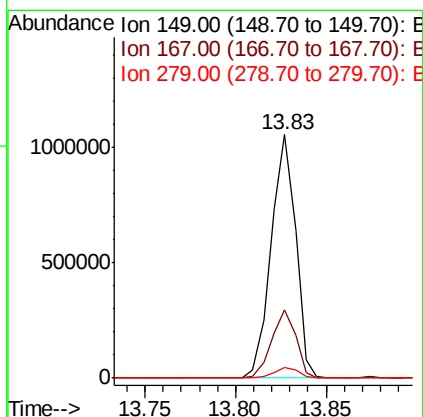
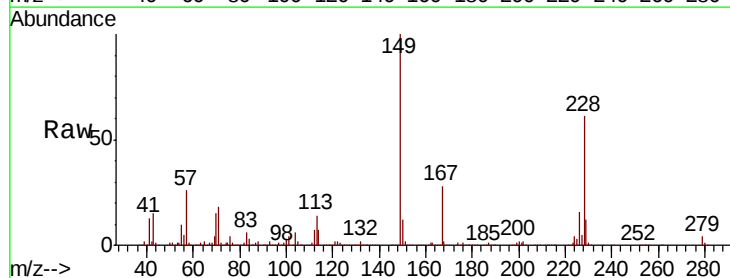
Instrument :
 BNA_F
 ClientSampleId :

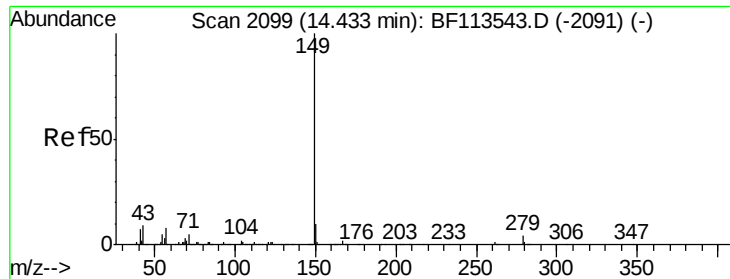
Tot Ion:228 Resp: 1509423
 Ion Ratio Lower Upper
 228 100
 226 30.5 24.4 36.6
 229 20.4 16.3 24.5



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 94.120 ng
 RT: 13.83 min Scan# 1996
 Delta R.T. -0.00 min
 Lab File: BF113547.D
 Acq: 3 Apr 2019 14:23

Tgt Ion:149 Resp: 989597
 Ion Ratio Lower Upper
 149 100
 167 28.1 22.1 33.1
 279 4.2 3.6 5.4





#85

Di-n-octyl phthalate

Concen: 93.835 ng

RT: 14.44 min Scan# 2100

Delta R.T. 0.01 min

Lab File: BF113547.D

Acq: 3 Apr 2019 14:23

Instrument :

BNA_F

ClientSampleId :

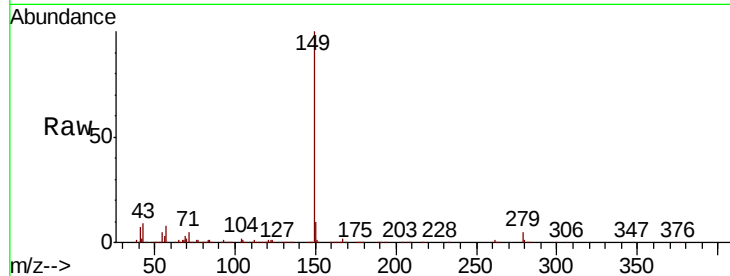
Tot Ion:149 Resp: 1674689

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

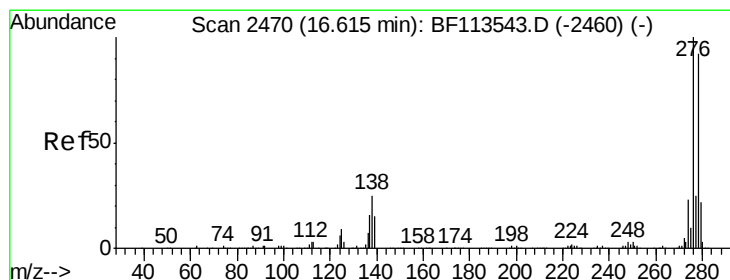
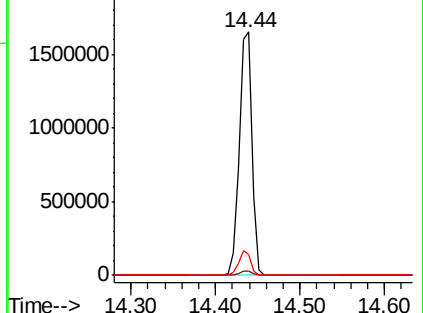
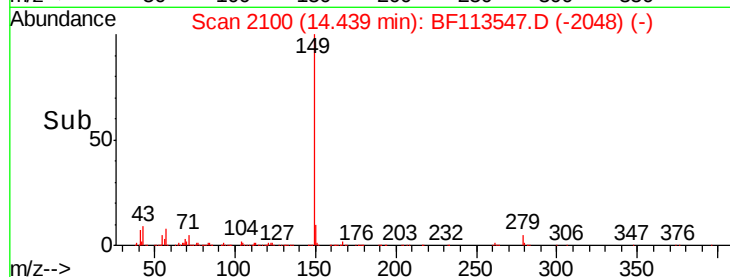
43 9.7 7.7 11.5



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: 131.556 ng

RT: 16.63 min Scan# 2473

Delta R.T. 0.02 min

Lab File: BF113547.D

Acq: 3 Apr 2019 14:23

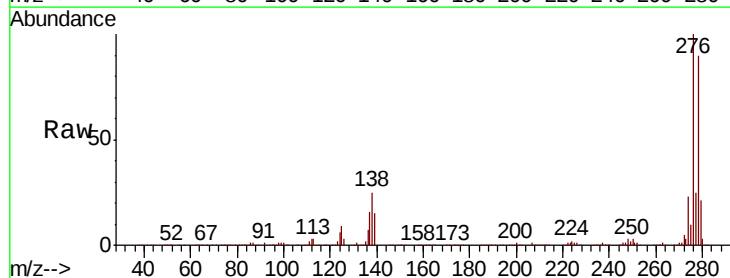
Tgt Ion:276 Resp: 1843547

Ion Ratio Lower Upper

276 100

138 23.4 19.2 28.8

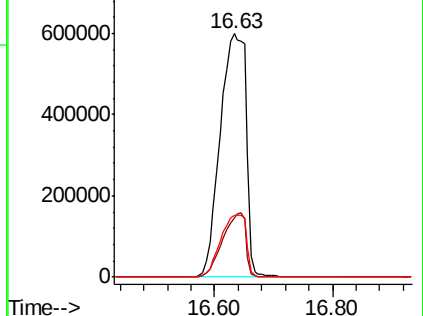
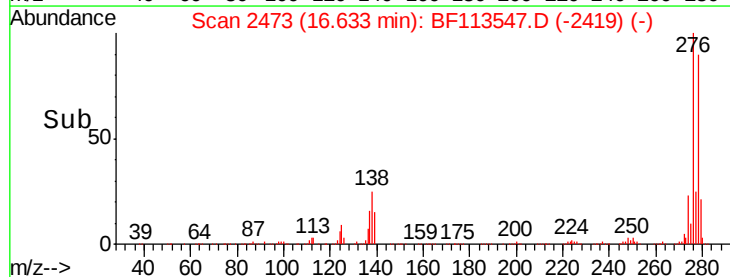
277 25.2 20.0 30.0

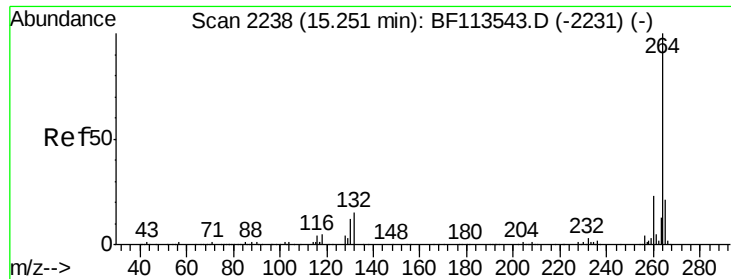


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

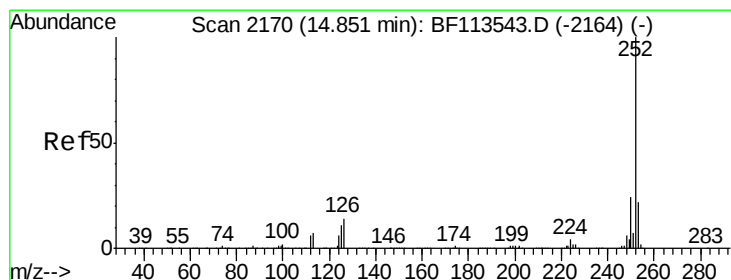
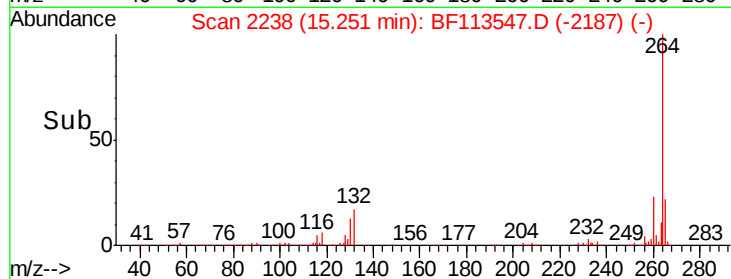
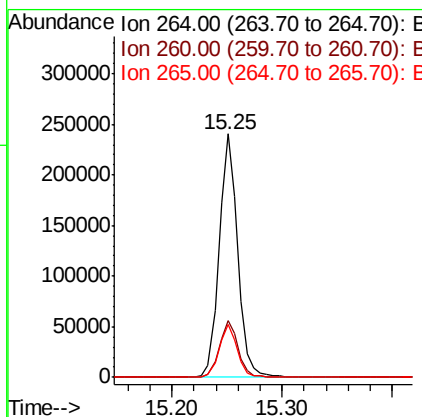
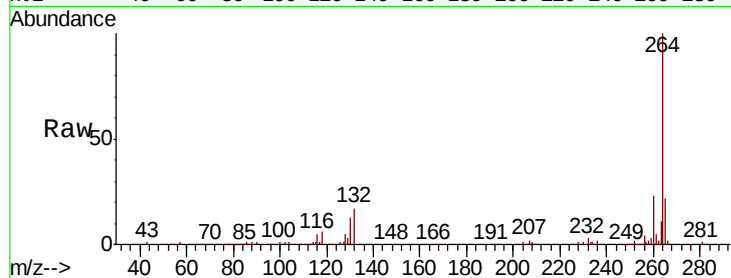




#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.25 min Scan# 2238
 Delta R.T. -0.00 min
 Lab File: BF113547.D
 Acq: 3 Apr 2019 14:23

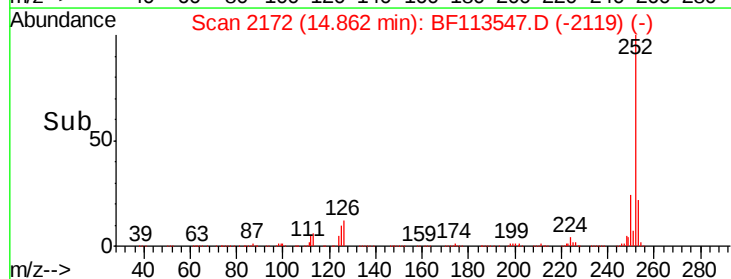
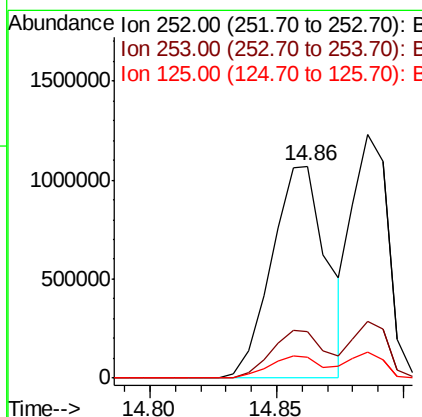
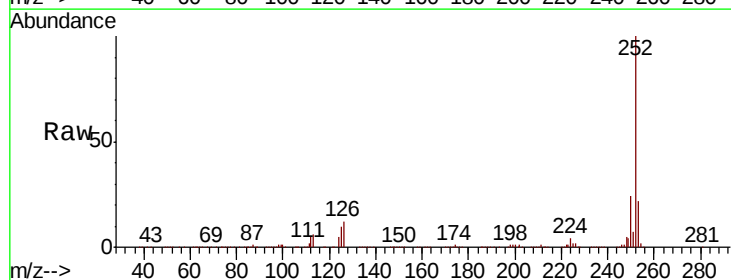
Instrument :
 BNA_F
 ClientSampleId :

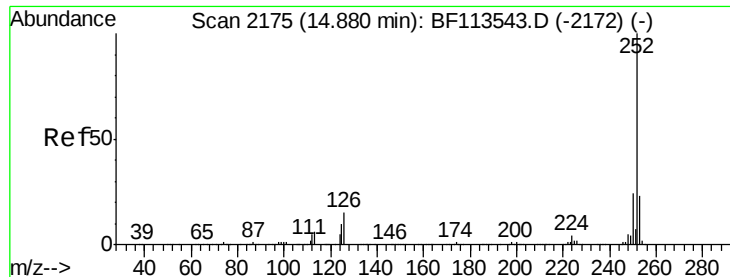
Tot Ion:264 Resp: 279729
 Ion Ratio Lower Upper
 264 100
 260 23.2 18.4 27.6
 265 21.6 16.6 24.8



#88
 Benzo(b)fluoranthene
 Concen: 93.313 ng
 RT: 14.86 min Scan# 2172
 Delta R.T. 0.01 min
 Lab File: BF113547.D
 Acq: 3 Apr 2019 14:23

Tgt Ion:252 Resp: 1621468
 Ion Ratio Lower Upper
 252 100
 253 22.1 17.7 26.5
 125 9.6 8.4 12.6

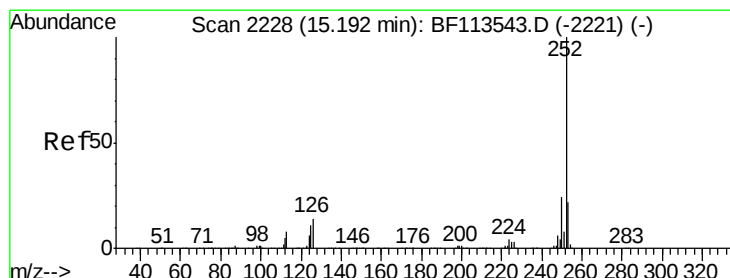
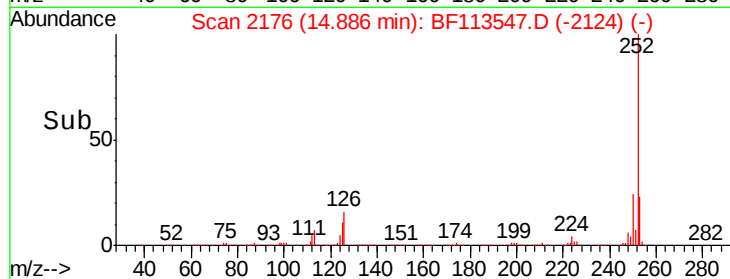
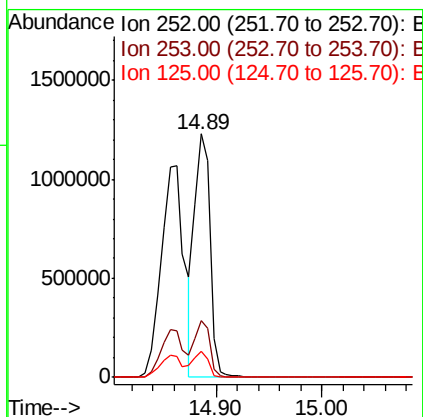
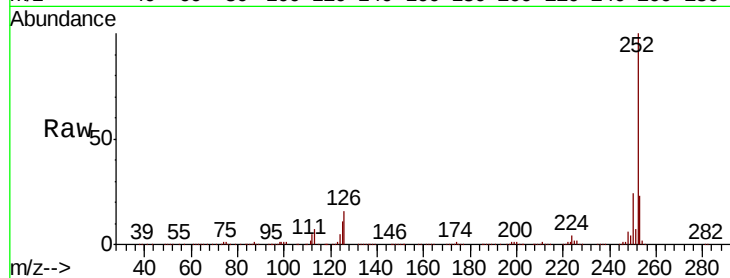




#89
Benzo(k)fluoranthene
Concen: 80.218 ng
RT: 14.89 min Scan# 2176
Delta R.T. 0.01 min
Lab File: BF113547.D
Acq: 3 Apr 2019 14:23

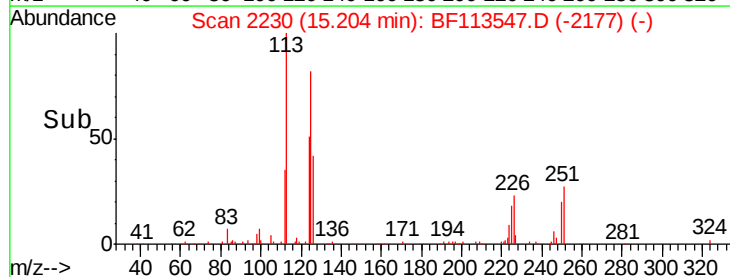
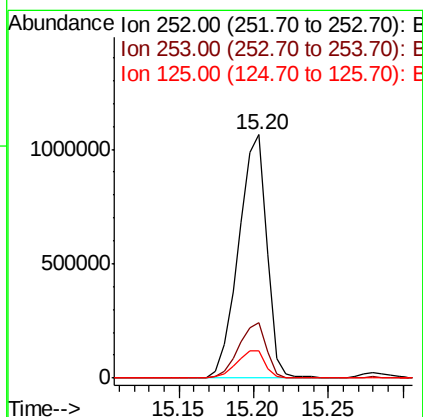
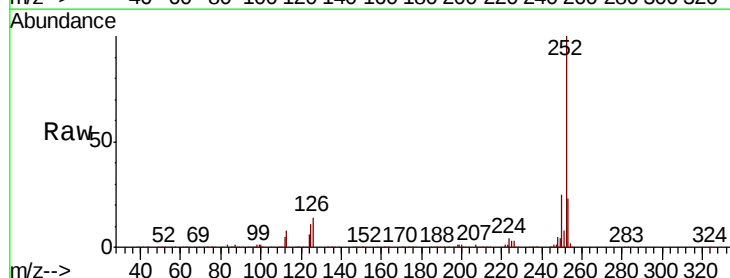
Instrument :
BNA_F
ClientSampleId :

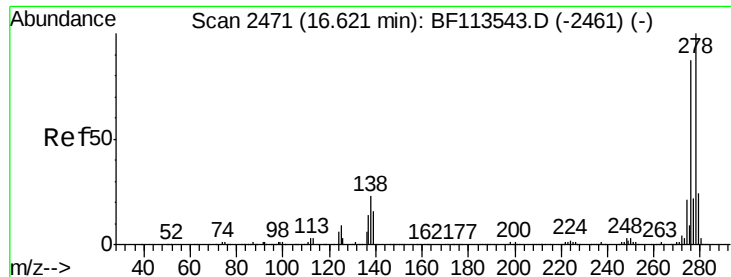
Tot Ion:252 Resp: 1224125
Ion Ratio Lower Upper
252 100
253 23.2 17.9 26.9
125 10.8 7.7 11.5



#90
Benzo(a)pyrene
Concen: 90.549 ng
RT: 15.20 min Scan# 2230
Delta R.T. 0.01 min
Lab File: BF113547.D
Acq: 3 Apr 2019 14:23

Tgt Ion:252 Resp: 1394909
Ion Ratio Lower Upper
252 100
253 22.8 17.8 26.6
125 11.0 9.0 13.6

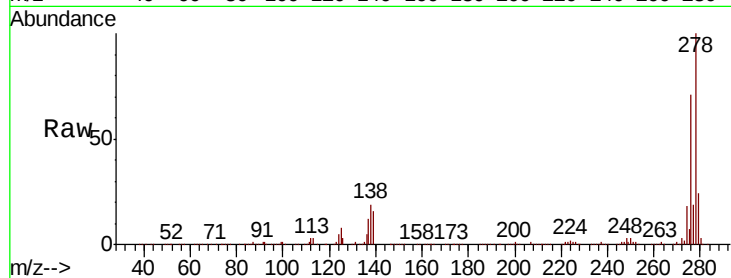




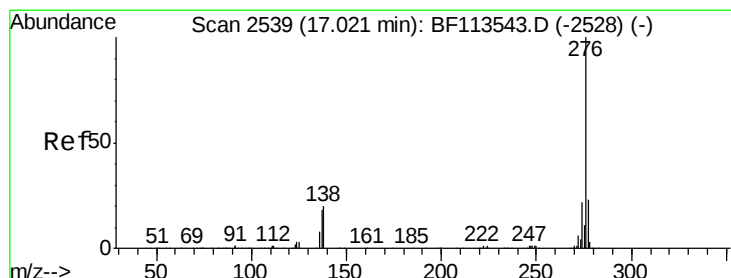
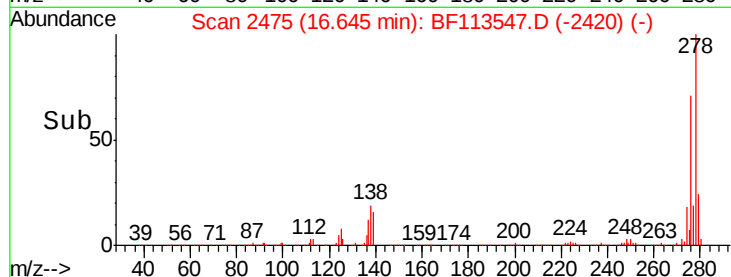
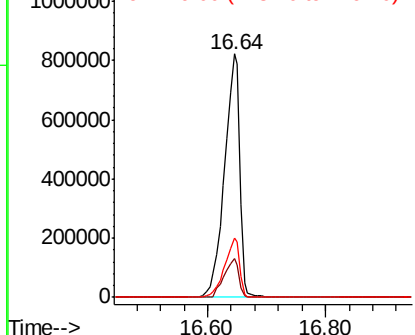
#91
Dibenzo(a,h)anthracene
Concen: 110.689 ng
RT: 16.64 min Scan# 2475
Delta R.T. 0.02 min
Lab File: BF113547.D
Acq: 3 Apr 2019 14:23

Instrument :
BNA_F
ClientSampleId :

Tot Ion:278 Resp: 1474395
Ion Ratio Lower Upper
278 100
139 15.7 12.6 18.8
279 24.2 18.9 28.3

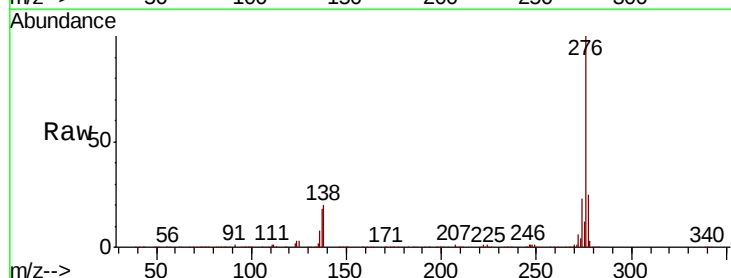


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 118.323 ng
RT: 17.05 min Scan# 2544
Delta R.T. 0.03 min
Lab File: BF113547.D
Acq: 3 Apr 2019 14:23

Tgt Ion:276 Resp: 1589138
Ion Ratio Lower Upper
276 100
277 24.5 18.8 28.2
138 20.4 16.2 24.4



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

