

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF012119\
 Data File : BF112180.D
 Acq On : 22 Jan 2019 2:12
 Operator : JU/SJ
 Sample : PB116516BD
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB116516BSD

Quant Time: Jan 22 02:41:59 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF011619.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jan 19 01:02:12 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	219521	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	753267	20.00	ng	0.00
39) Acenaphthene-d10	9.89	164	291923	20.00	ng	0.00
64) Phenanthrene-d10	11.37	188	502200	20.00	ng	-0.01
76) Chrysene-d12	14.02	240	437415	20.00	ng	0.00
87) Perylene-d12	15.49	264	322438	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.49	112	1025589	84.80	ng	0.00
7) Phenol-d6	6.50	99	1233696	81.53	ng	0.00
23) Nitrobenzene-d5	7.42	82	1102516	101.12	ng	-0.01
42) 2,4,6-Tribromophenol	10.68	330	258104	81.96	ng	-0.01
45) 2-Fluorobiphenyl	9.21	172	1988390	99.86	ng	0.00
79) Terphenyl-d14	12.96	244	1707601	83.05	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.68	88	186237	32.832	ng	96
3) Pyridine	3.43	79	515513	36.286	ng	97
4) n-Nitrosodimethylamine	3.38	42	243705	42.249	ng	98
6) Aniline	6.52	93	242275	13.164	ng	# 32
8) 2-Chlorophenol	6.65	128	576544	41.045	ng	99
9) Benzaldehyde	6.40	77	145120	13.844	ng	98
10) Phenol	6.51	94	639901	38.693	ng	82
11) bis(2-Chloroethyl)ether	6.59	93	521934	39.692	ng	96
12) 1,3-Dichlorobenzene	6.79	146	636148	39.684	ng	99
13) 1,4-Dichlorobenzene	6.87	146	650495	39.671	ng	98
14) 1,2-Dichlorobenzene	7.03	146	602882	39.915	ng	98
15) Benzyl Alcohol	6.99	79	454200	40.287	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.13	45	668178	35.237	ng	91
17) 2-Methylphenol	7.12	107	438267	41.546	ng	96
18) Hexachloroethane	7.36	117	192253	35.129	ng	99
19) n-Nitroso-di-n-propylamine	7.26	70	380092	41.231	ng	99
20) 3+4-Methylphenols	7.27	107	557613	43.597	ng	# 70
22) Acetophenone	7.26	105	744000	42.633	ng	96
24) Nitrobenzene	7.43	77	540135	46.745	ng	97
25) Isophorone	7.67	82	973811	46.242	ng	96
26) 2-Nitrophenol	7.75	139	249064	42.680	ng	98
27) 2,4-Dimethylphenol	7.79	122	463125	47.377	ng	94
28) bis(2-Chloroethoxy)methane	7.88	93	637384	44.123	ng	100
29) 2,4-Dichlorophenol	8.00	162	441840	41.376	ng	98
30) 1,2,4-Trichlorobenzene	8.08	180	501407	40.460	ng	98
31) Naphthalene	8.16	128	1509348	44.055	ng	100
32) Benzoic acid	7.91	122	155175	38.199	ng	94
33) 4-Chloroaniline	8.20	127	143151	9.297	ng	99
34) Hexachlorobutadiene	8.27	225	291172	42.220	ng	100
35) Caprolactam	8.57	113	118075	31.592	ng	93
36) 4-Chloro-3-methylphenol	8.70	107	403739	38.710	ng	98
37) 2-Methylnaphthalene	8.85	142	993009	42.683	ng	99
38) 1-Methylnaphthalene	8.95	142	926011	41.416	ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.02	216	442909	47.248	ng	99

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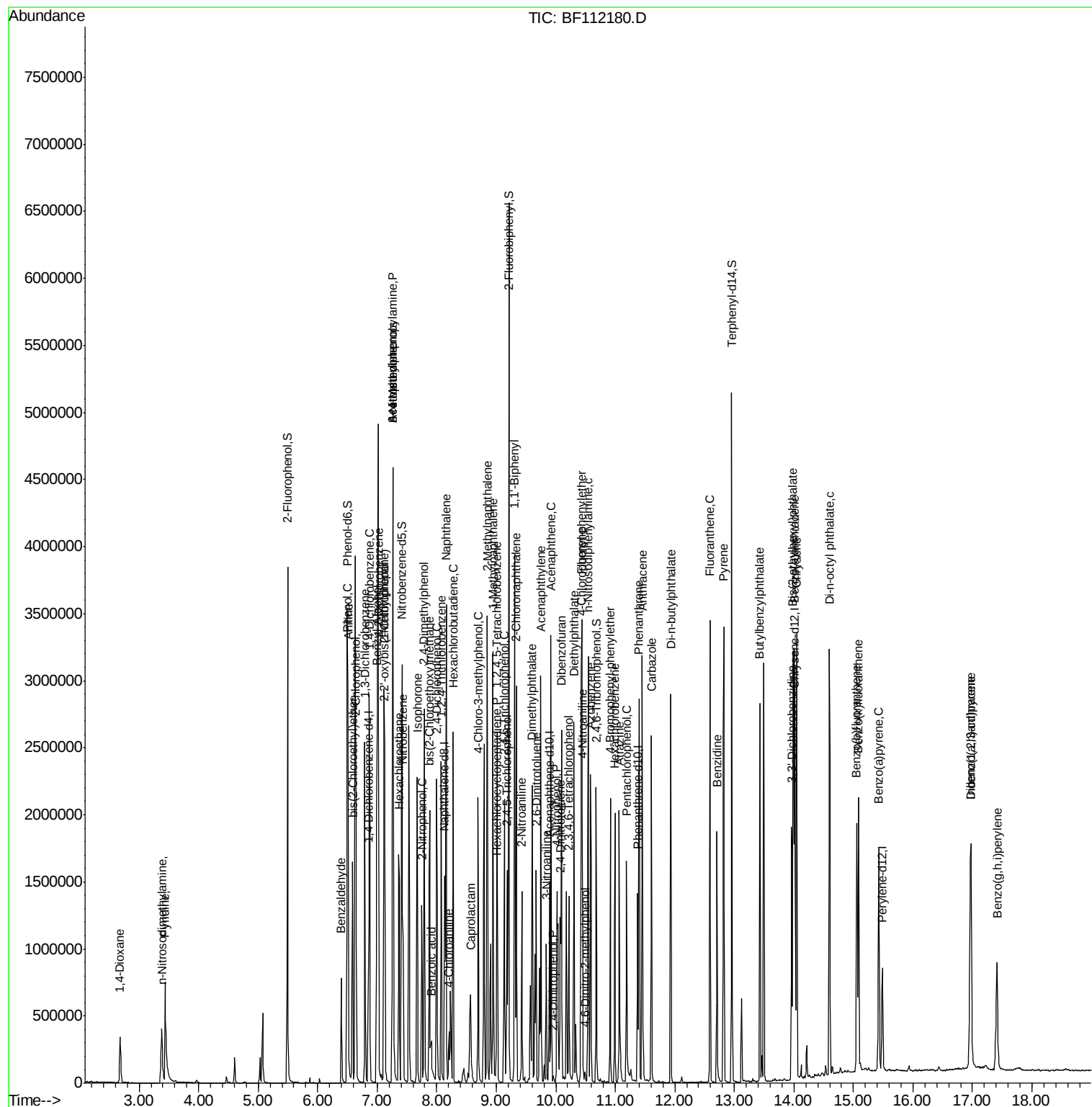
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.00	237	26553	14.252	ng	98
43) 2,4,6-Trichlorophenol	9.13	196	271086	48.341	ng	99
44) 2,4,5-Trichlorophenol	9.18	196	273353	45.768	ng	97
46) 1,1'-Biphenyl	9.31	154	1157696	47.428	ng	99
47) 2-Chloronaphthalene	9.34	162	852094	44.596	ng	99
48) 2-Nitroaniline	9.43	65	234171	54.411	ng	99
49) Acenaphthylene	9.75	152	1282256	45.987	ng	99
50) Dimethylphthalate	9.60	163	1048760	49.262	ng	100
51) 2,6-Dinitrotoluene	9.67	165	198751	46.747	ng #	88
52) Acenaphthene	9.92	154	733620	43.003	ng	99
53) 3-Nitroaniline	9.84	138	156546	32.927	ng	96
54) 2,4-Dinitrophenol	9.96	184	8051	16.724	ng	91
55) Dibenzofuran	10.10	168	1086539	42.115	ng	98
56) 4-Nitrophenol	10.02	139	253279	74.923	ng	94
57) 2,4-Dinitrotoluene	10.08	165	225979	42.035	ng	98
58) Fluorene	10.44	166	831334	43.128	ng	97
59) 2,3,4,6-Tetrachlorophenol	10.22	232	199941	44.363	ng	95
60) Diethylphthalate	10.30	149	981089	47.210	ng	99
61) 4-Chlorophenyl-phenylether	10.43	204	429193	41.263	ng	97
62) 4-Nitroaniline	10.45	138	193258	40.936	ng	98
63) Azobenzene	10.59	77	759421	38.160	ng	98
65) 4,6-Dinitro-2-methylphenol	10.49	198	10561	14.054	ng	90
66) n-Nitrosodiphenylamine	10.54	169	746473	44.962	ng	99
67) 4-Bromophenyl-phenylether	10.92	248	248905	42.670	ng	98
68) Hexachlorobenzene	10.99	284	254073	40.434	ng	97
69) Atrazine	11.07	200	244454	45.629	ng	97
70) Pentachlorophenol	11.19	266	227698	75.720	ng	99
71) Phenanthrene	11.40	178	1154126	45.665	ng	98
72) Anthracene	11.45	178	1198055	46.795	ng	99
73) Carbazole	11.60	167	1084174	42.273	ng	99
74) Di-n-butylphthalate	11.93	149	1390989	48.216	ng	99
75) Fluoranthene	12.59	202	1308325	49.029	ng	99
77) Benzidine	12.71	184	758219	51.953	ng	96
78) Pyrene	12.82	202	1334201	46.232	ng	99
80) Butylbenzylphthalate	13.43	149	646046	51.029	ng	92
81) Benzo(a)anthracene	14.01	228	1165626	46.476	ng	99
82) 3,3'-Dichlorobenzidine	13.97	252	407502	43.386	ng	99
83) Chrysene	14.04	228	1079481	45.487	ng	98
84) Bis(2-ethylhexyl)phthalate	13.99	149	956695	52.726	ng	100
85) Di-n-octyl phthalate	14.60	149	1556996	55.693	ng	98
86) Indeno(1,2,3-cd)pyrene	16.97	276	829889	37.905	ng	98
88) Benzo(b)fluoranthene	15.06	252	934198	51.041	ng	99
89) Benzo(k)fluoranthene	15.09	252	846977	47.812	ng	100
90) Benzo(a)pyrene	15.43	252	816552	48.648	ng	99
91) Dibenzo(a,h)anthracene	16.98	278	702118	47.097	ng	99
92) Benzo(g,h,i)perylene	17.42	276	680090	46.306	ng	97

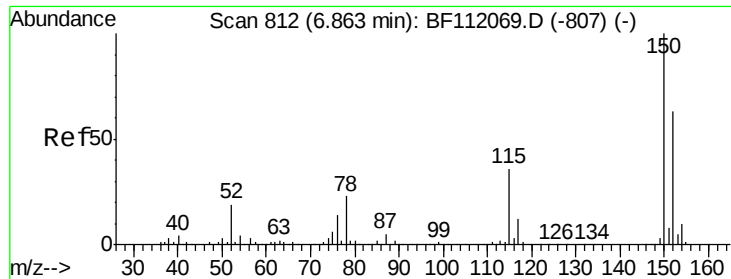
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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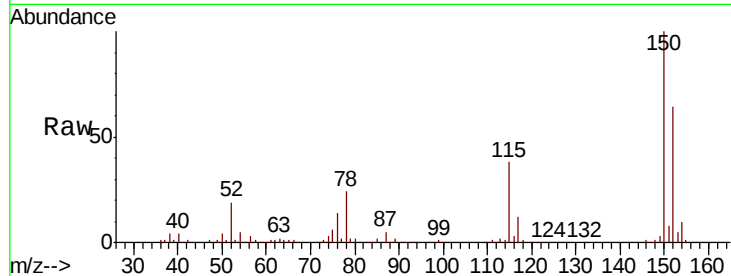


#1

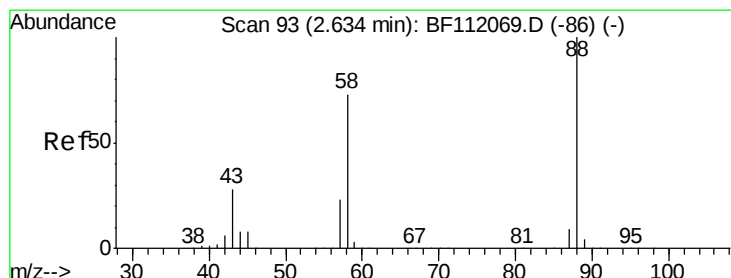
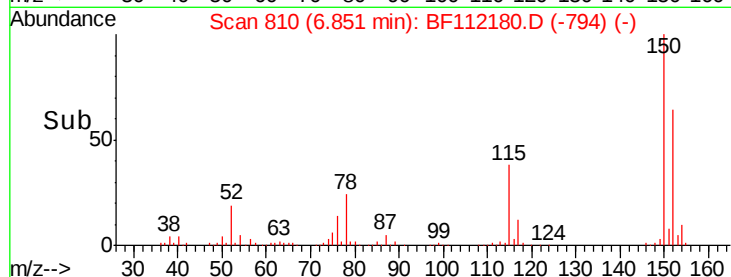
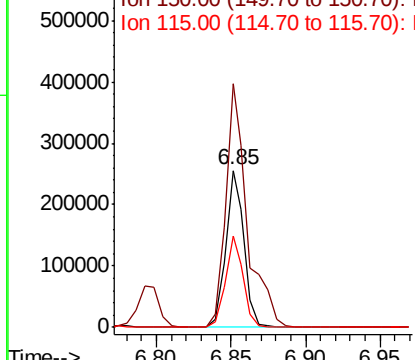
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 810
Delta R.T. -0.01 min
Lab File: BF112180.D
Acq: 22 Jan 2019 2:12

Instrument :
BNA_F
ClientSampleId :
PB116516BSD

Tgt Ion: 152 Resp: 219521
Ion Ratio Lower Upper
152 100
150 155.2 127.4 191.0
115 58.3 45.5 68.3



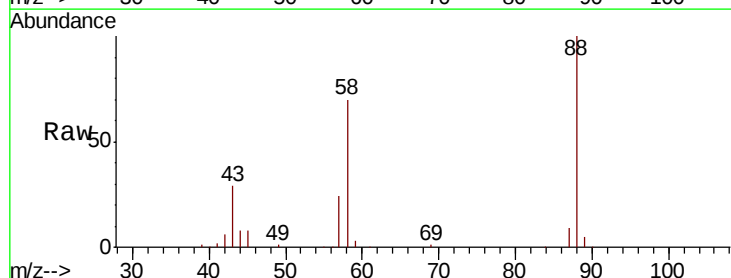
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



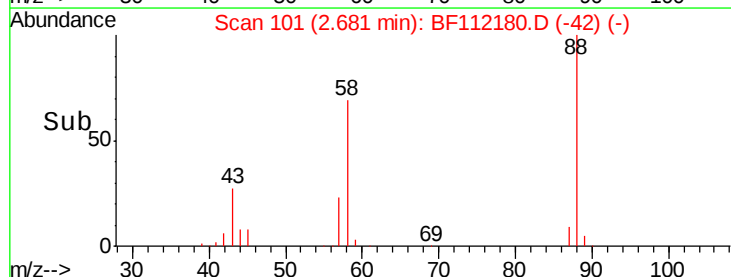
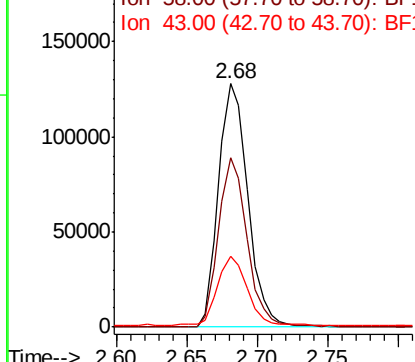
#2

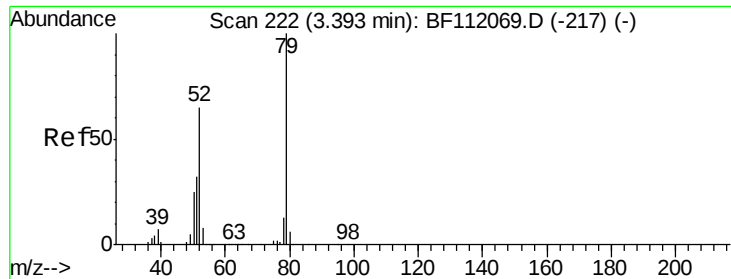
1,4-Dioxane
Concen: 32.832 ng
RT: 2.68 min Scan# 101
Delta R.T. 0.05 min
Lab File: BF112180.D
Acq: 22 Jan 2019 2:12

Tgt Ion: 88 Resp: 186237
Ion Ratio Lower Upper
88 100
58 67.7 57.4 86.2
43 28.9 22.2 33.4



Abundance Ion 88.00 (87.70 to 88.70): BF1
Ion 58.00 (57.70 to 58.70): BF1
Ion 43.00 (42.70 to 43.70): BF1





#3

Pyridine

Concen: 36.286 ng

RT: 3.43 min Scan# 229

Delta R.T. 0.05 min

Lab File: BF112180.D

Acq: 22 Jan 2019 2:12

Instrument :

BNA_F

ClientSampleId :

PB116516BSD

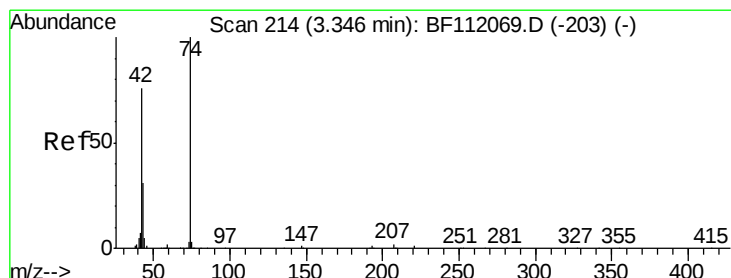
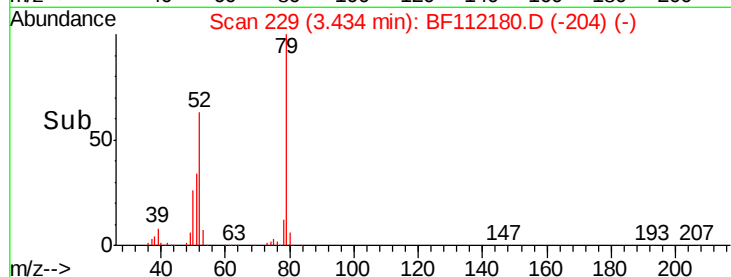
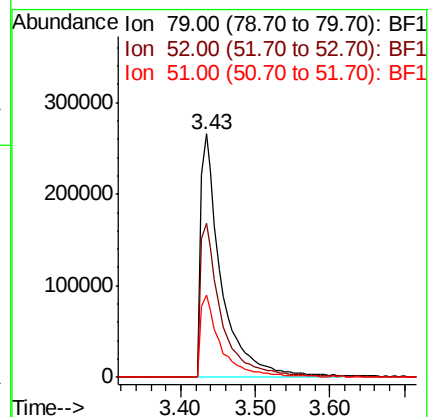
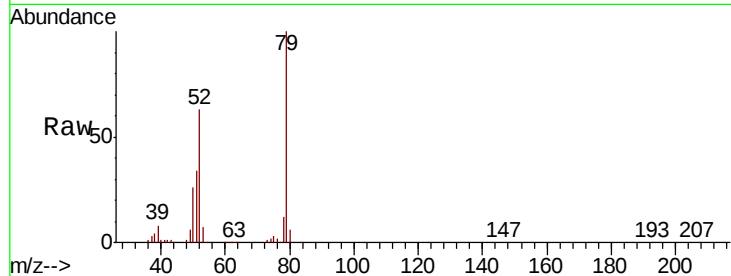
Tgt Ion: 79 Resp: 515513

Ion Ratio Lower Upper

79 100

52 63.3 52.4 78.6

51 34.0 26.1 39.1



#4

n-Nitrosodimethylamine

Concen: 42.249 ng

RT: 3.38 min Scan# 220

Delta R.T. 0.04 min

Lab File: BF112180.D

Acq: 22 Jan 2019 2:12

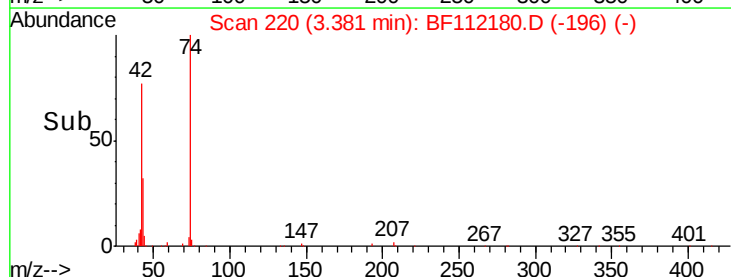
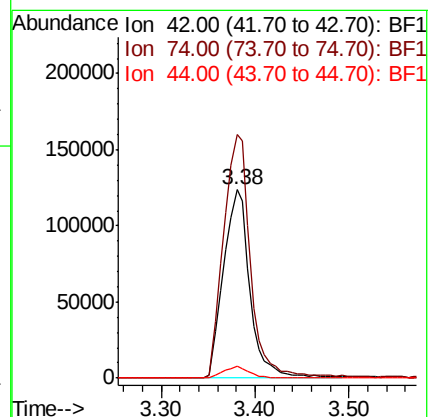
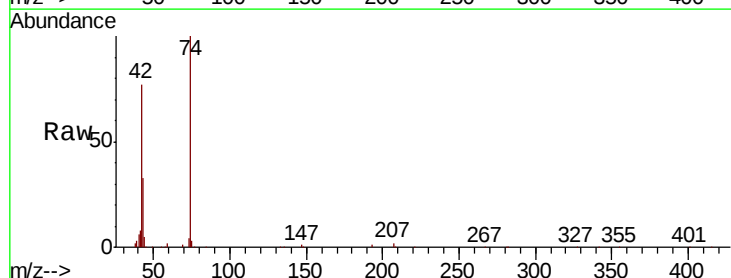
Tgt Ion: 42 Resp: 243705

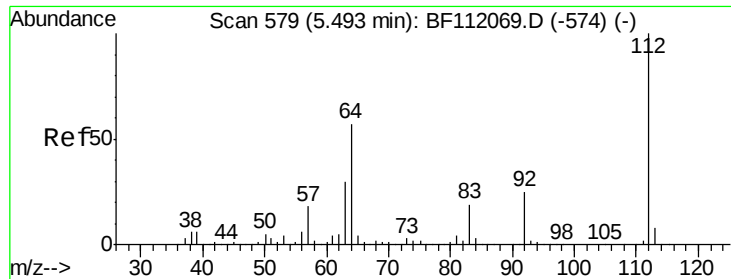
Ion Ratio Lower Upper

42 100

74 129.3 105.6 158.4

44 6.6 5.4 8.2





#5

2-Fluorophenol

Concen: 84.797 ng

RT: 5.49 min Scan# 579

Delta R.T. -0.00 min

Lab File: BF112180.D

Acq: 22 Jan 2019 2:12

Instrument :

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ClientSampleId :

PB116516BSD

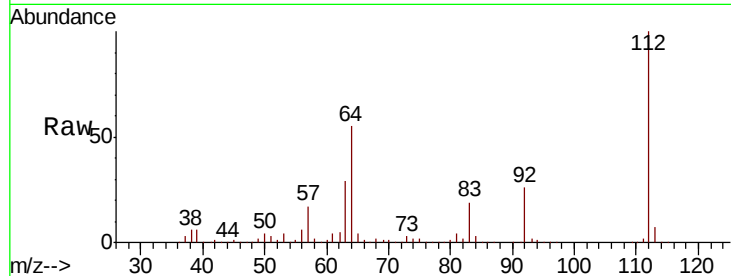
Tgt Ion: 112 Resp: 1025589

Ion Ratio Lower Upper

112 100

64 55.2 45.7 68.5

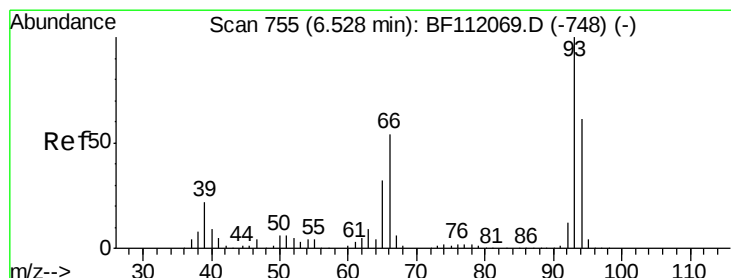
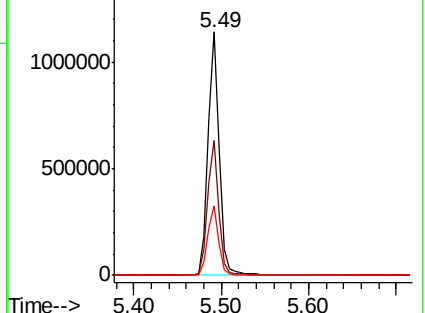
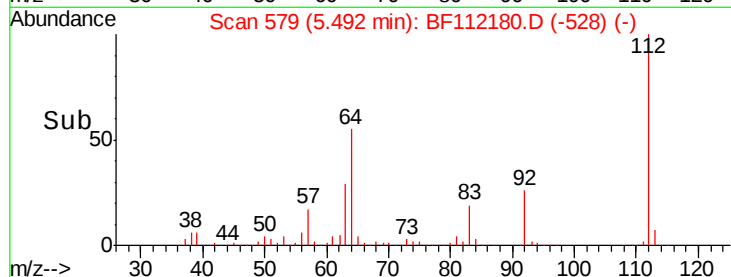
63 28.8 23.6 35.4



Abundance Ion 112.00 (111.70 to 112.70): BF112180.D (-528) (-)

Ion 64.00 (63.70 to 64.70): BF112180.D (-528) (-)

Ion 63.00 (62.70 to 63.70): BF112180.D (-528) (-)



#6

Aniline

Concen: 13.164 ng

RT: 6.52 min Scan# 753

Delta R.T. -0.01 min

Lab File: BF112180.D

Acq: 22 Jan 2019 2:12

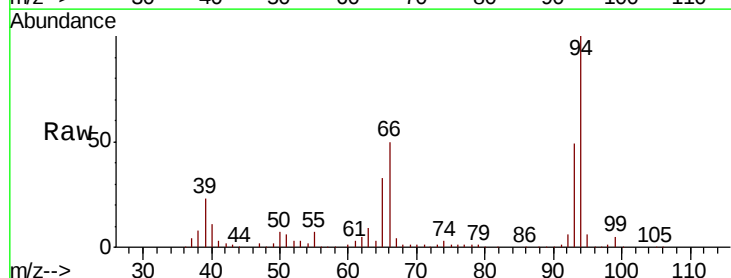
Tgt Ion: 93 Resp: 242275

Ion Ratio Lower Upper

93 100

66 103.9 43.4 65.2#

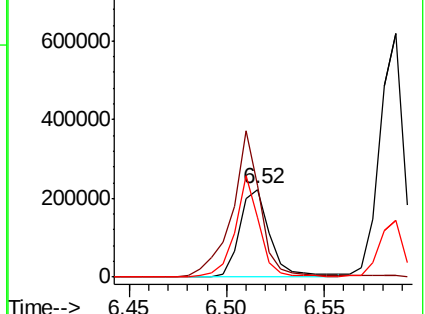
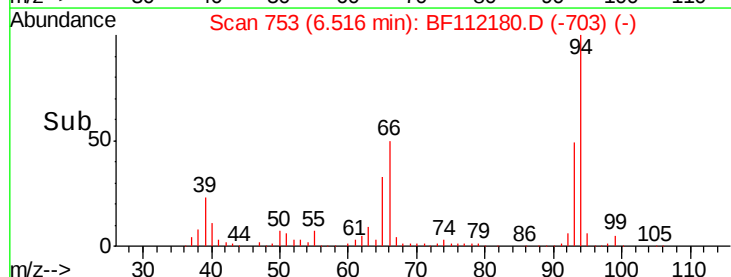
65 68.2 25.3 37.9#

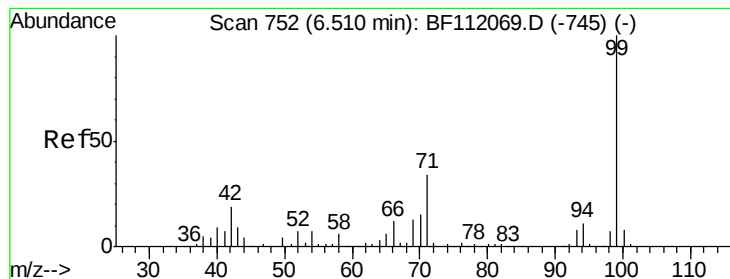


Abundance Ion 93.00 (92.70 to 93.70): BF112180.D (-703) (-)

Ion 66.00 (65.70 to 66.70): BF112180.D (-703) (-)

Ion 65.00 (64.70 to 65.70): BF112180.D (-703) (-)





#7

Phenol-d6

Concen: 81.528 ng

RT: 6.50 min Scan# 750

Delta R.T. -0.01 min

Lab File: BF112180.D

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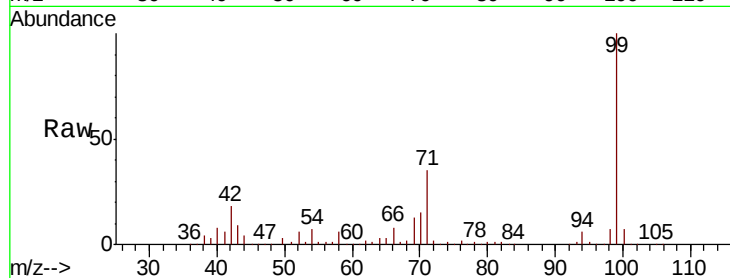
Tgt Ion: 99 Resp: 1233696

Ion Ratio Lower Upper

99 100

42 18.3 15.1 22.7

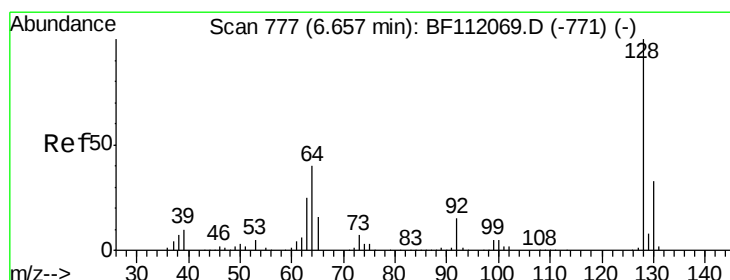
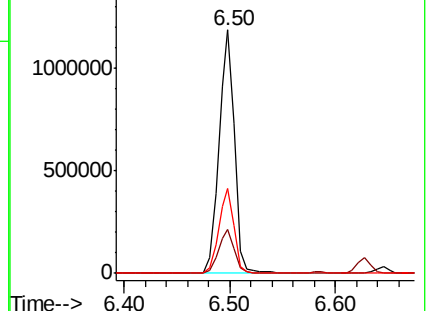
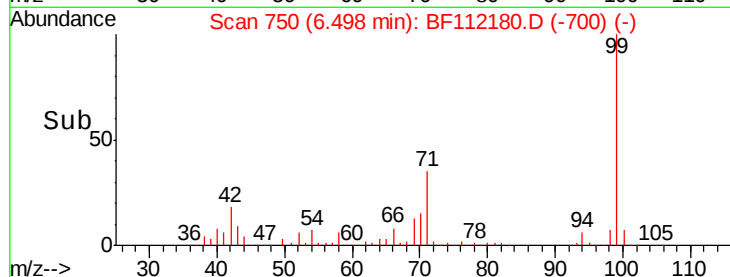
71 35.0 26.9 40.3



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 41.045 ng

RT: 6.65 min Scan# 775

Delta R.T. -0.01 min

Lab File: BF112180.D

Acq: 22 Jan 2019 2:12

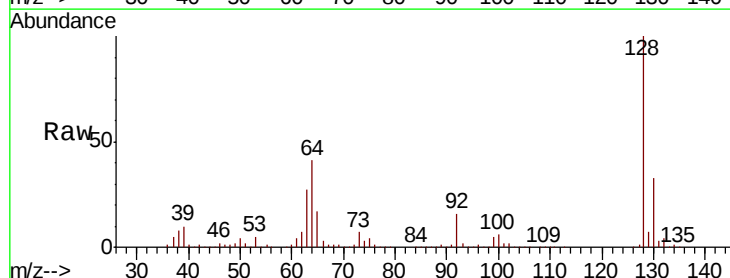
Tgt Ion: 128 Resp: 576544

Ion Ratio Lower Upper

128 100

130 32.7 13.4 53.4

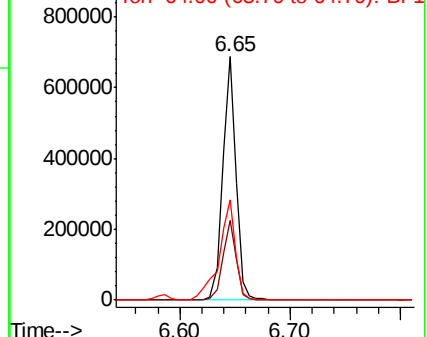
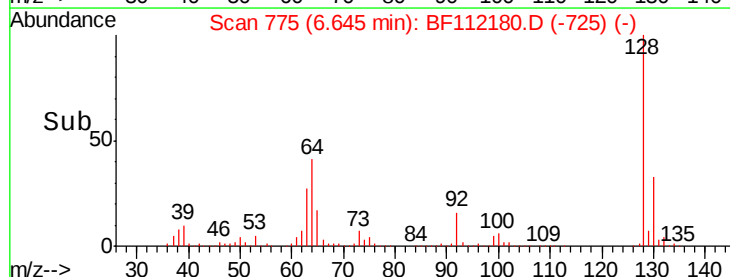
64 41.3 20.5 60.5

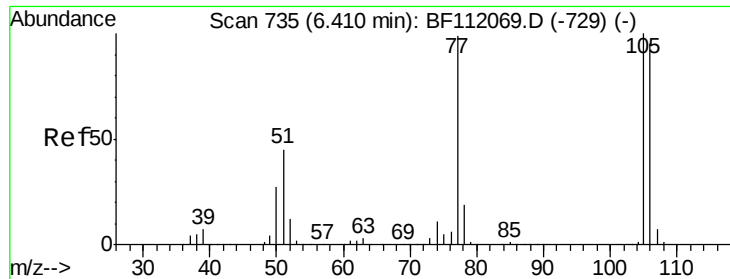


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 13.844 ng

RT: 6.40 min Scan# 733

Delta R.T. -0.01 min

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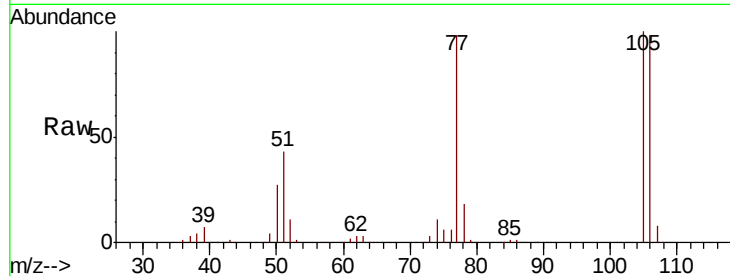
Tgt Ion: 77 Resp: 145120

Ion Ratio Lower Upper

77 100

105 101.5 80.8 120.8

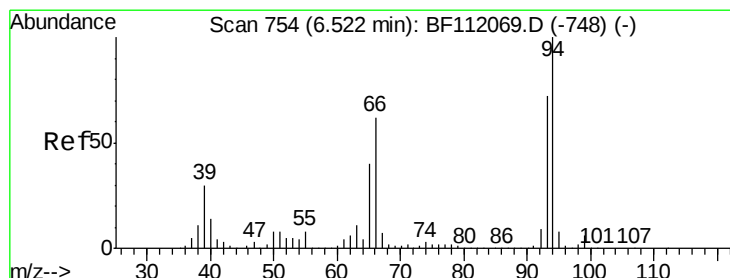
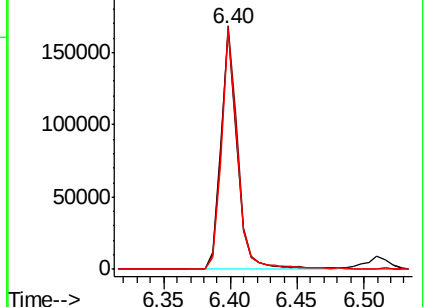
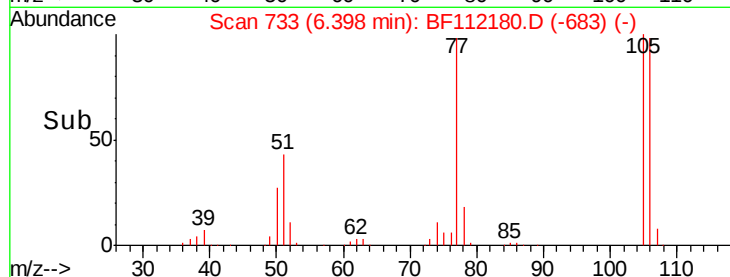
106 99.9 75.7 115.7



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: 38.693 ng

RT: 6.51 min Scan# 752

Delta R.T. -0.01 min

Lab File: BF112180.D

Acq: 22 Jan 2019 2:12

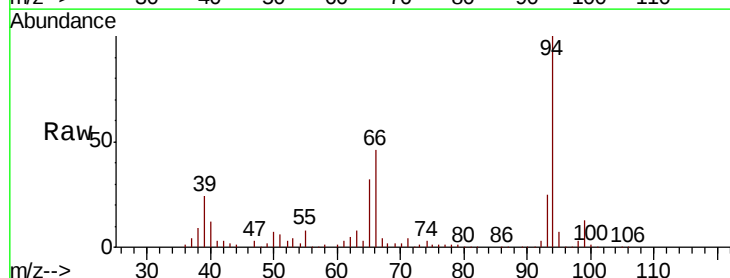
Tgt Ion: 94 Resp: 639901

Ion Ratio Lower Upper

94 100

65 32.2 20.3 60.3

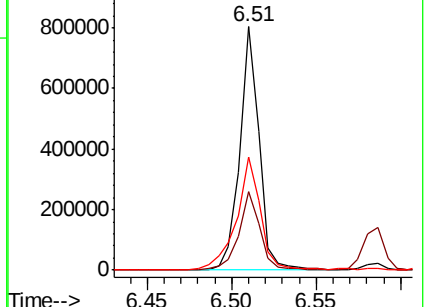
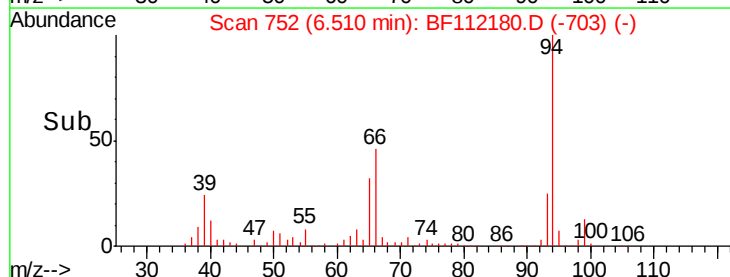
66 46.2 42.4 82.4

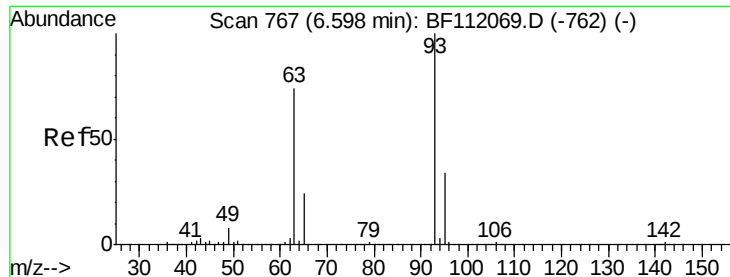


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 39.692 ng

RT: 6.59 min Scan# 765

Delta R.T. -0.01 min

Lab File: BF112180.D

Acq: 22 Jan 2019 2:12

Instrument :

BNA_F

ClientSampleId :

PB116516BSD

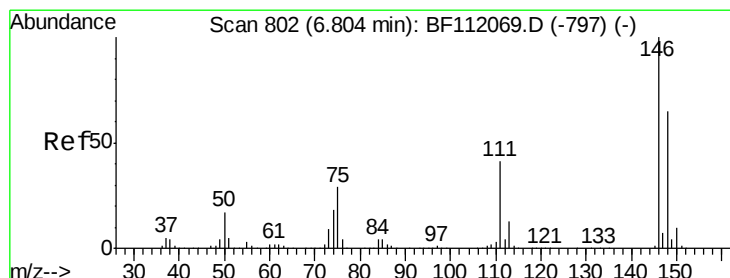
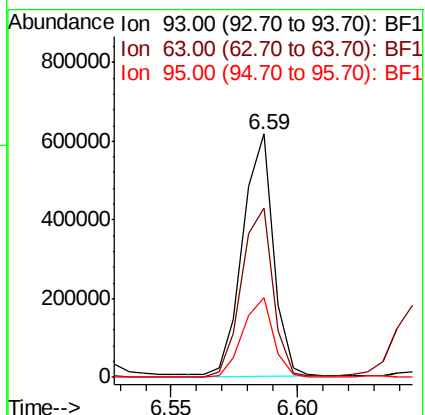
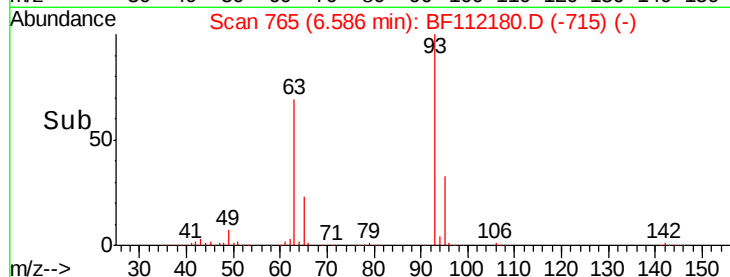
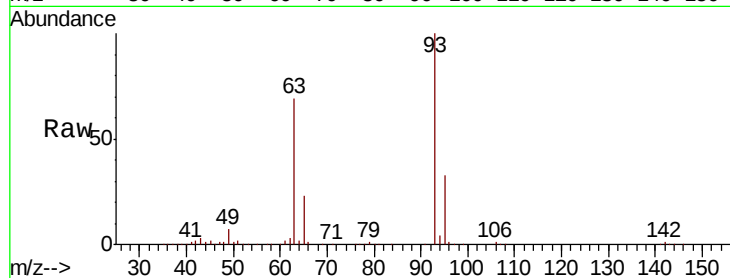
Tgt Ion: 93 Resp: 521934

Ion Ratio Lower Upper

93 100

63 69.4 53.3 93.3

95 32.5 13.4 53.4



#12

1,3-Dichlorobenzene

Concen: 39.684 ng

RT: 6.79 min Scan# 800

Delta R.T. -0.01 min

Lab File: BF112180.D

Acq: 22 Jan 2019 2:12

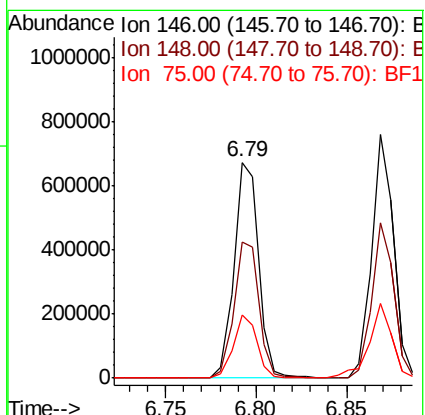
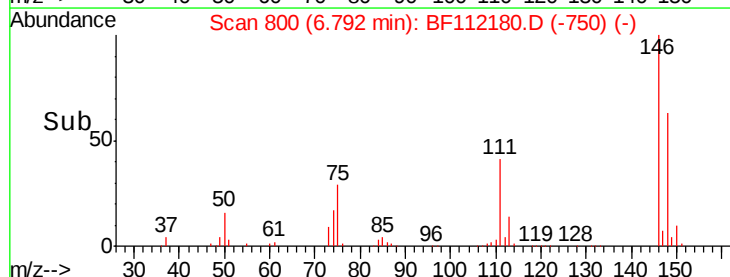
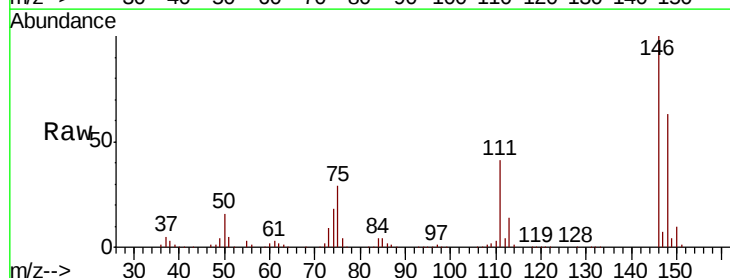
Tgt Ion: 146 Resp: 636148

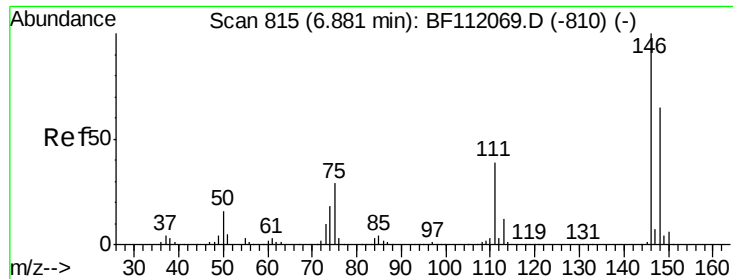
Ion Ratio Lower Upper

146 100

148 63.4 51.8 77.8

75 29.2 23.1 34.7

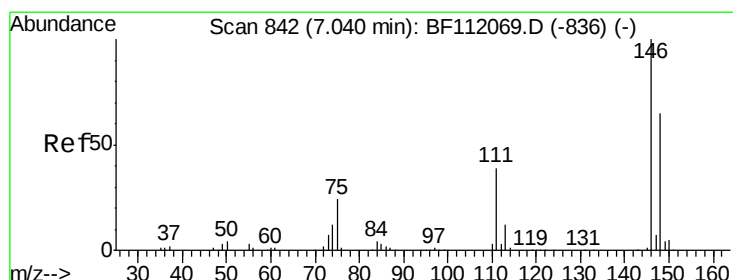
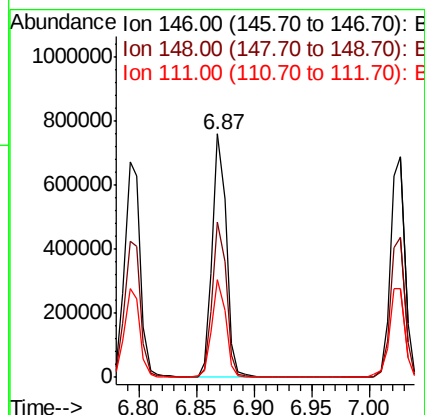
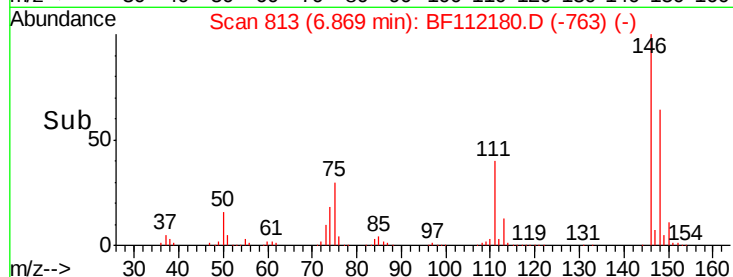
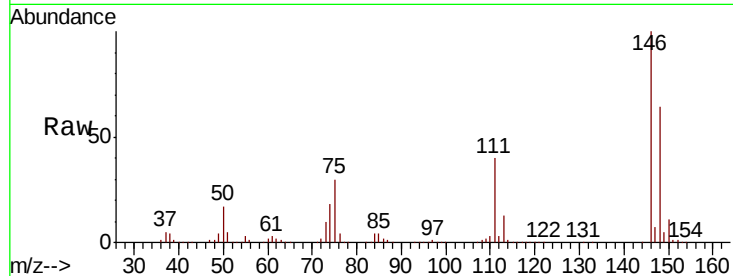




#13
 1,4-Dichlorobenzene
 Concen: 39.671 ng
 RT: 6.87 min Scan# 813
 Delta R.T. -0.01 min
 Lab File: BF112180.D
 Acq: 22 Jan 2019 2:12

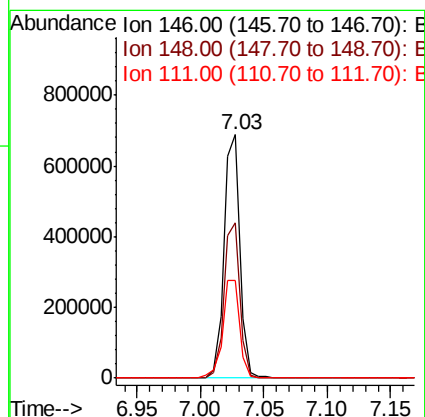
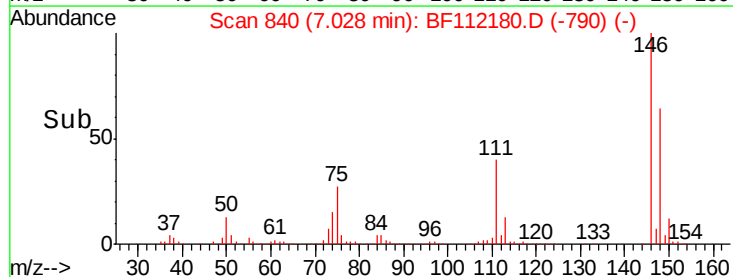
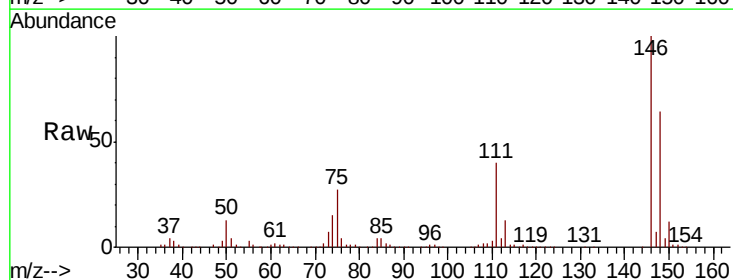
Instrument :
 BNA_F
 ClientSampleId :
 PB116516BSD

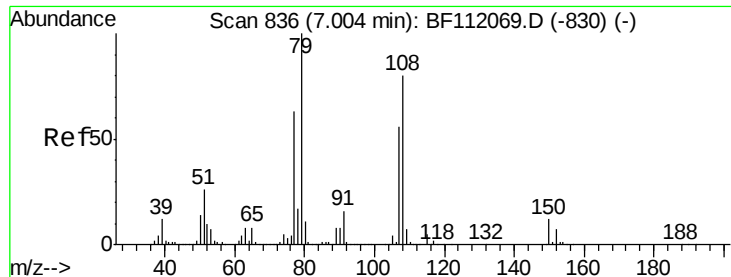
Tgt Ion:146 Resp: 650495
 Ion Ratio Lower Upper
 146 100
 148 63.8 52.0 78.0
 111 40.4 31.2 46.8



#14
 1,2-Dichlorobenzene
 Concen: 39.915 ng
 RT: 7.03 min Scan# 840
 Delta R.T. -0.01 min
 Lab File: BF112180.D
 Acq: 22 Jan 2019 2:12

Tgt Ion:146 Resp: 602882
 Ion Ratio Lower Upper
 146 100
 148 63.7 52.2 78.4
 111 40.3 31.2 46.8





#15

Benzyl Alcohol

Concen: 40.287 ng

RT: 6.99 min Scan# 834

Delta R.T. -0.01 min

Lab File: BF112180.D

Acq: 22 Jan 2019 2:12

Instrument :

BNA_F

ClientSampleId :

PB116516BSD

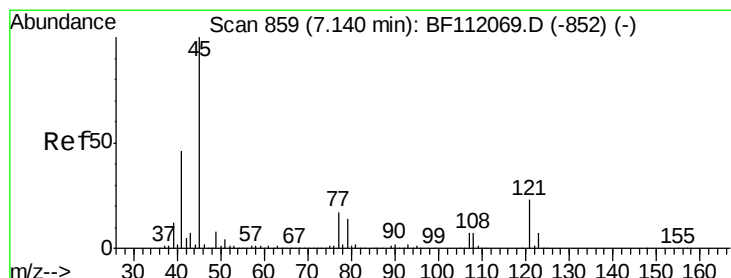
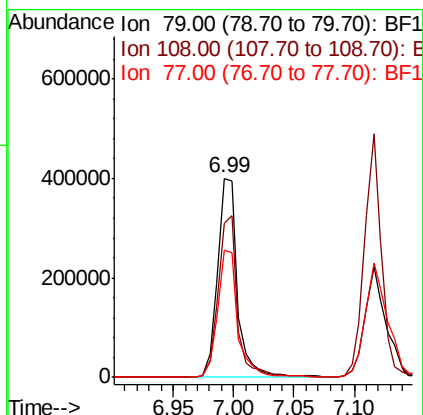
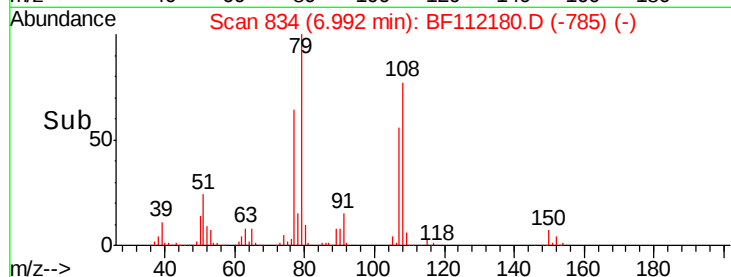
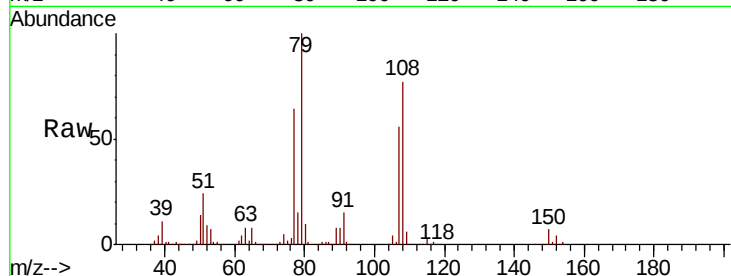
Tgt Ion: 79 Resp: 454200

Ion Ratio Lower Upper

79 100

108 76.9 64.2 96.2

77 63.6 50.3 75.5



#16

2,2'-oxybis(1-Chloropropane)

Concen: 35.237 ng

RT: 7.13 min Scan# 857

Delta R.T. -0.01 min

Lab File: BF112180.D

Acq: 22 Jan 2019 2:12

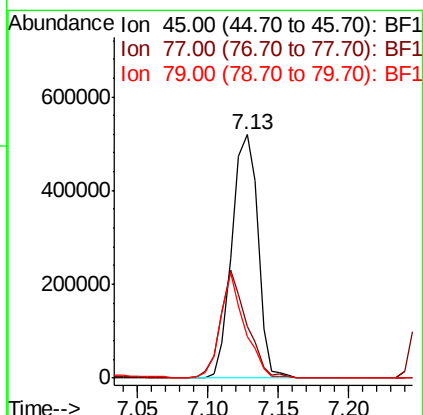
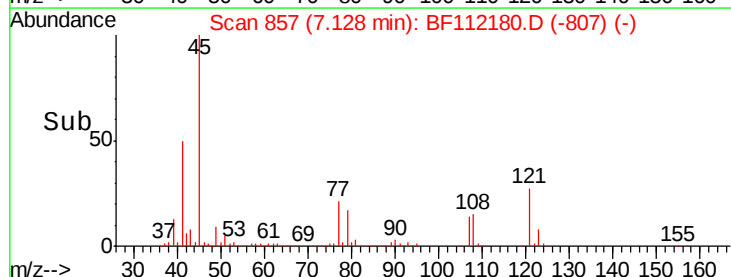
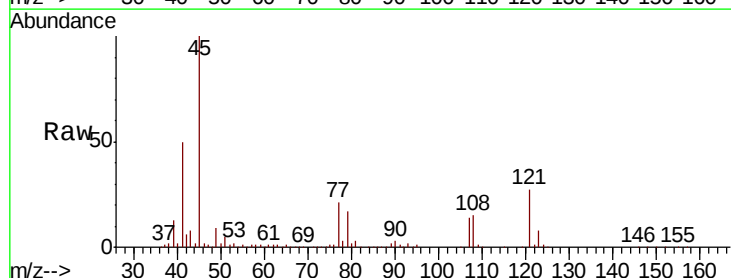
Tgt Ion: 45 Resp: 668178

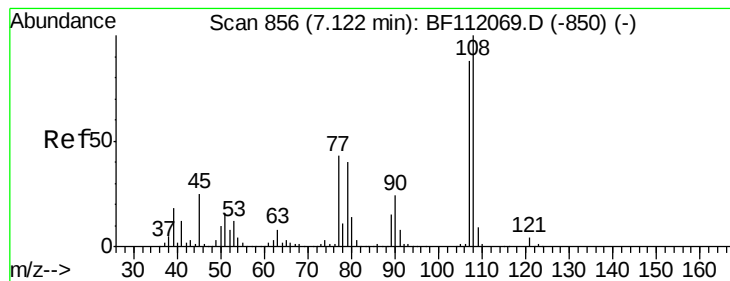
Ion Ratio Lower Upper

45 100

77 21.0 0.0 36.9

79 17.1 0.0 34.0





#17

2-Methylphenol

Concen: 41.546 ng

RT: 7.12 min Scan# 855

Delta R.T. -0.01 min

Lab File: BF112180.D

Acq: 22 Jan 2019 2:12

Instrument :

BNA_F

ClientSampleId :

PB116516BSD

Tgt Ion:107 Resp: 438267

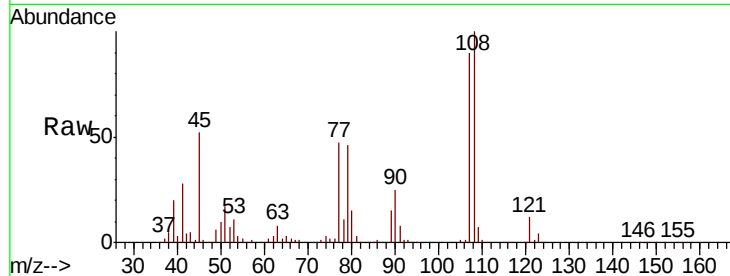
Ion Ratio Lower Upper

107 100

108 111.7 91.3 136.9

77 52.6 39.0 58.6

79 51.0 37.0 55.4

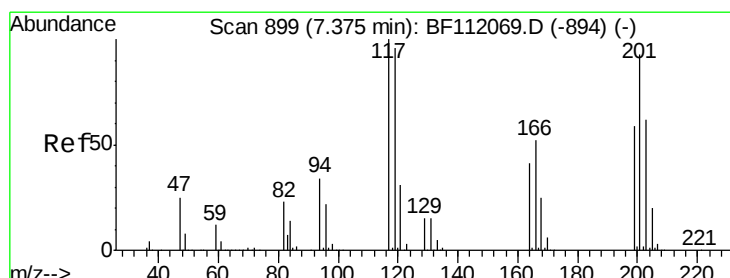
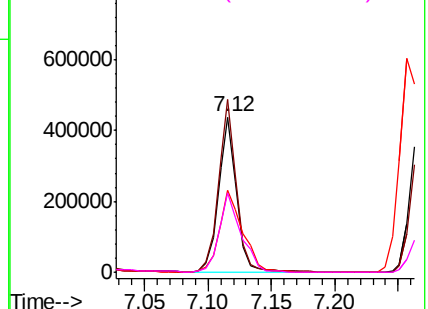
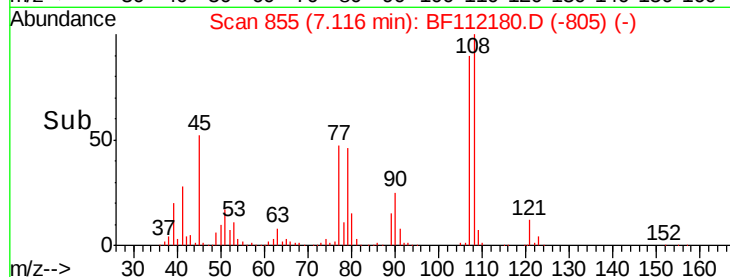


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18

Hexachloroethane

Concen: 35.129 ng

RT: 7.36 min Scan# 897

Delta R.T. -0.01 min

Lab File: BF112180.D

Acq: 22 Jan 2019 2:12

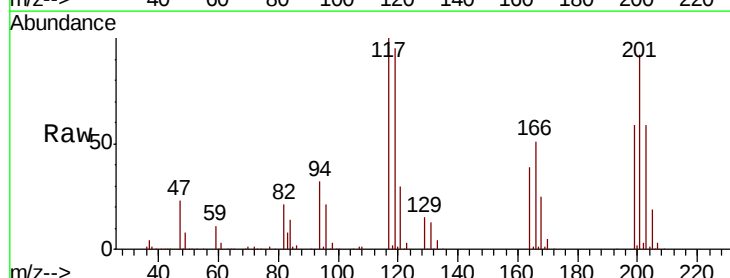
Tgt Ion:117 Resp: 192253

Ion Ratio Lower Upper

117 100

119 95.4 77.0 115.4

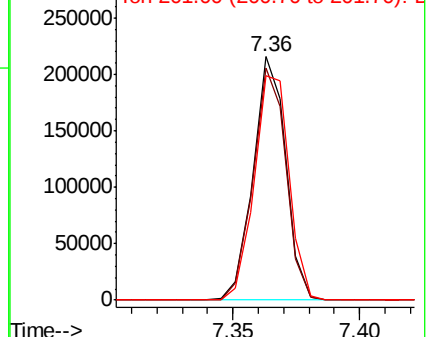
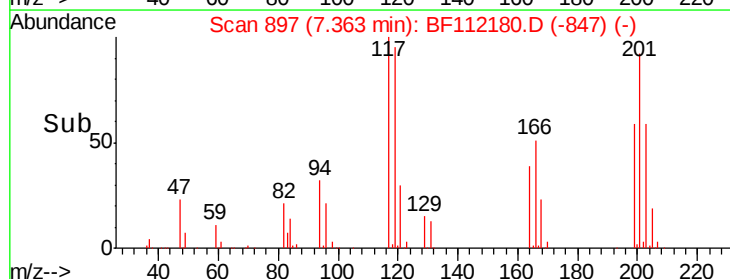
201 92.4 74.1 111.1

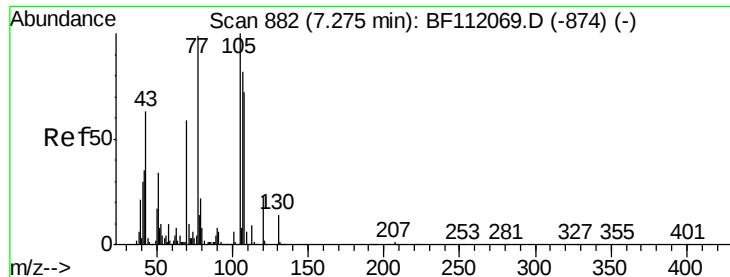


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

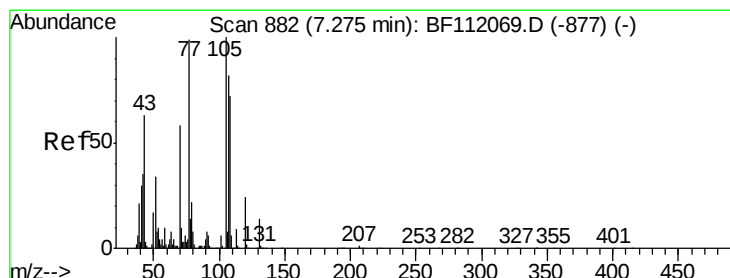
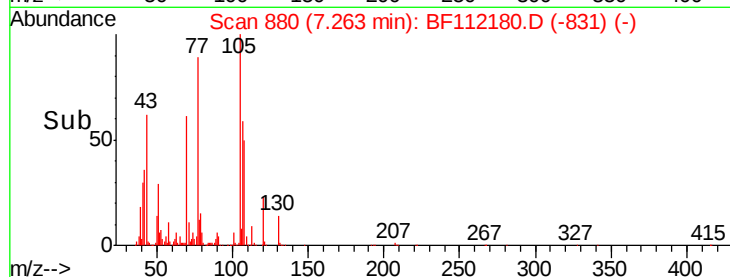
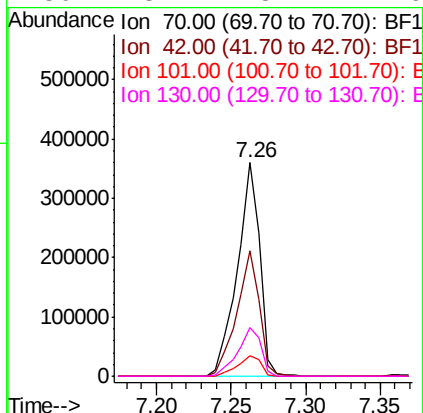
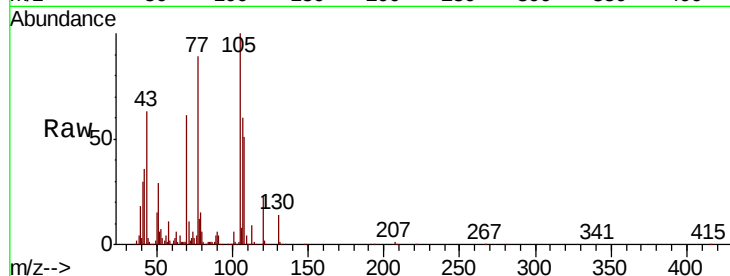




#19
n-Nitroso-di-n-propylamine
Concen: 41.231 ng
RT: 7.26 min Scan# 880
Delta R.T. -0.01 min
Lab File: BF112180.D
Acq: 22 Jan 2019 2:12

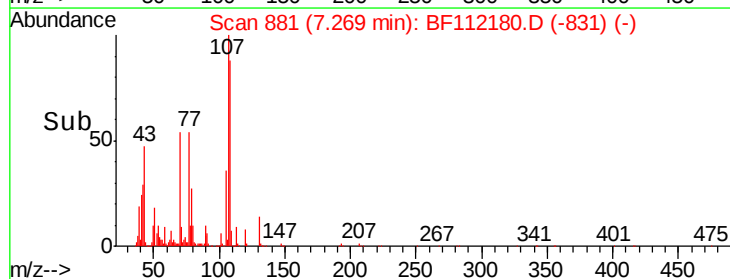
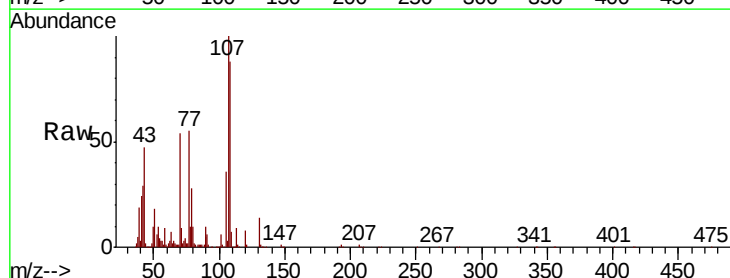
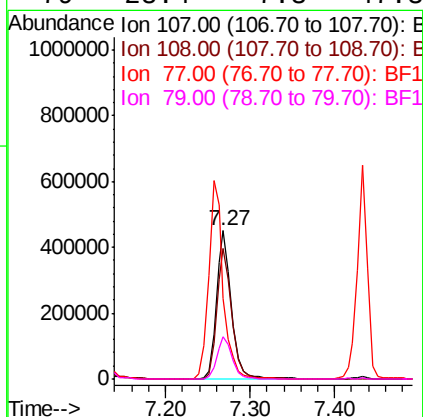
Instrument :
BNA_F
ClientSampleId :
PB116516BSD

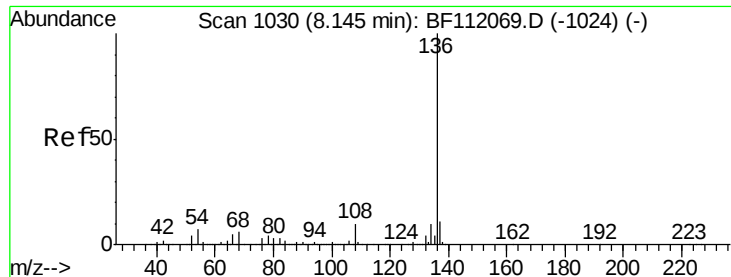
Tgt Ion	Ratio	Lower	Upper
70	100		
42	58.6	47.6	71.4
101	9.8	7.9	11.9
130	23.1	18.4	27.6



#20
3+4-Methylphenols
Concen: 43.597 ng
RT: 7.27 min Scan# 881
Delta R.T. -0.01 min
Lab File: BF112180.D
Acq: 22 Jan 2019 2:12

Tgt Ion	Ratio	Lower	Upper
107	100		
108	88.3	68.2	108.2
77	54.8	100.7	140.7#
79	28.4	7.3	47.3





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.13 min Scan# 1028

Delta R.T. -0.01 min

Lab File: BF112180.D

Acq: 22 Jan 2019 2:12

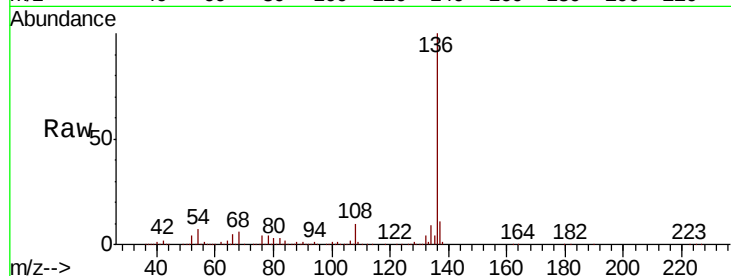
Instrument :

BNA_F

ClientSampleId :

PB116516BSD

Tgt Ion:	136	Resp:	753267
Ion Ratio	Lower	Upper	
136	100		
137	11.0	9.1	13.7
54	6.9	5.9	8.9
68	5.5	5.1	7.7

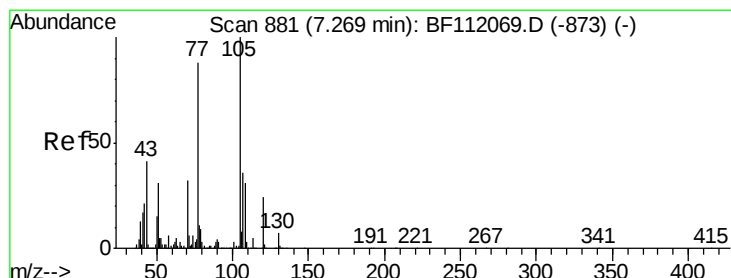
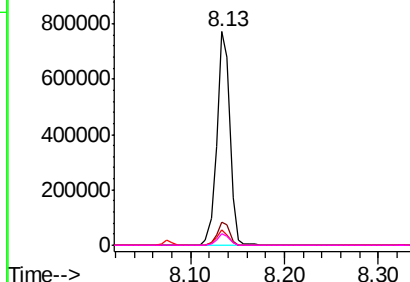
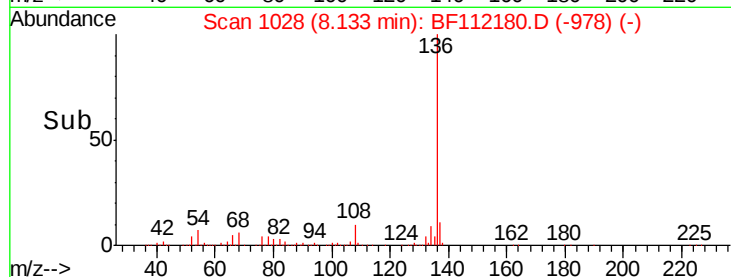


Abundance Ion 136.00 (135.70 to 136.70): E

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: 42.633 ng

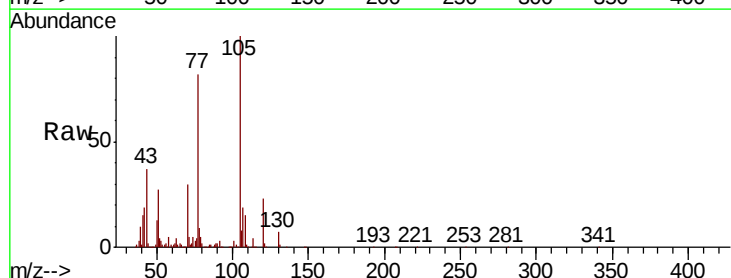
RT: 7.26 min Scan# 879

Delta R.T. -0.01 min

Lab File: BF112180.D

Acq: 22 Jan 2019 2:12

Tgt Ion:	105	Resp:	744000
Ion Ratio	Lower	Upper	
105	100		
71	5.1	4.6	6.8
51	27.5	25.0	37.6
120	23.2	19.0	28.4

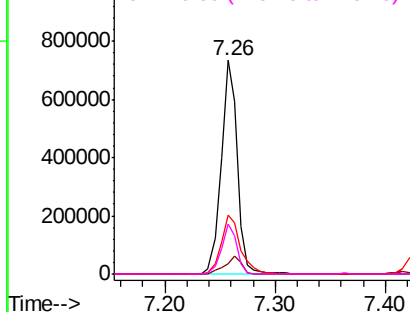
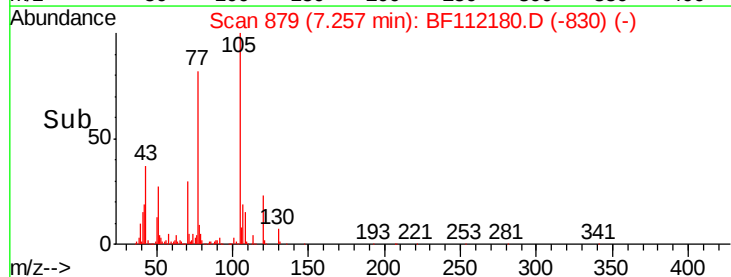


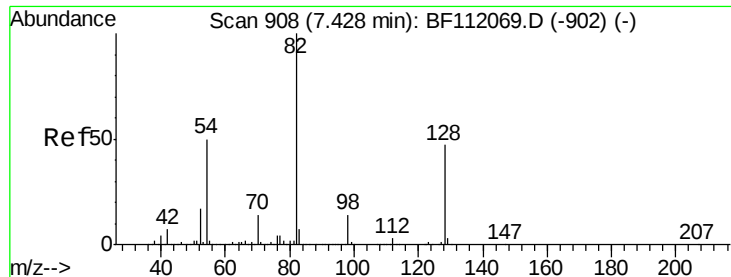
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E

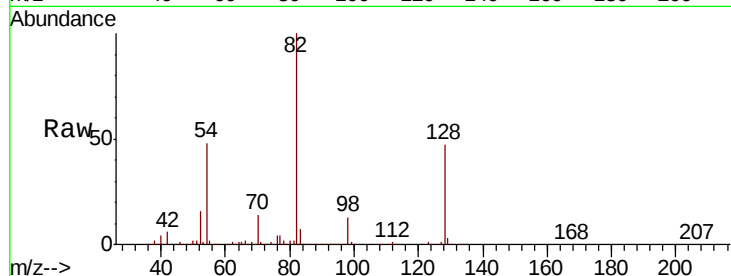




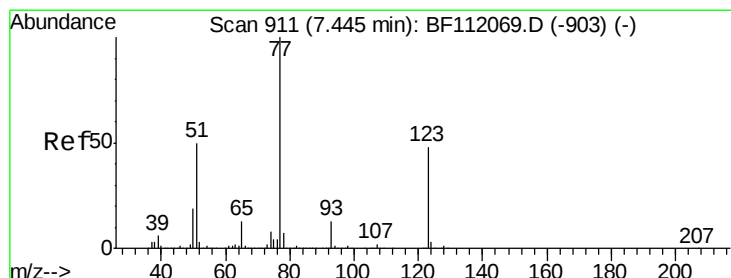
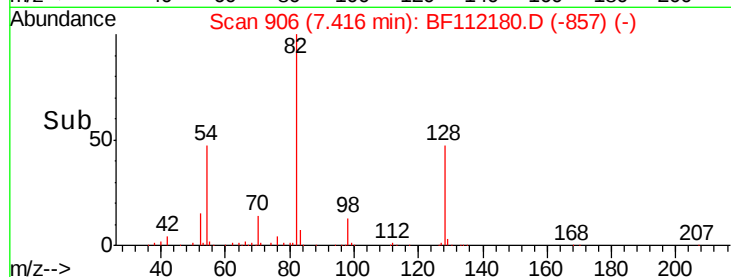
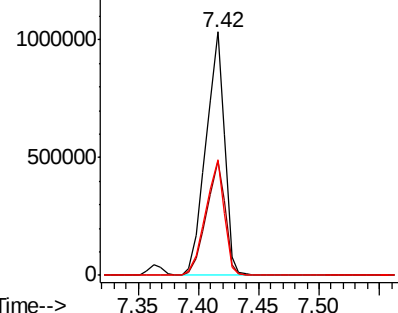
#23
 Nitrobenzene-d5
 Concen: 101.122 ng
 RT: 7.42 min Scan# 906
 Delta R.T. -0.01 min
 Lab File: BF112180.D
 Acq: 22 Jan 2019 2:12

Instrument :
 BNA_F
 ClientSampleId :
 PB116516BSD

Tgt Ion: 82 Resp: 1102516
 Ion Ratio Lower Upper
 82 100
 128 46.9 37.8 56.8
 54 47.6 39.7 59.5

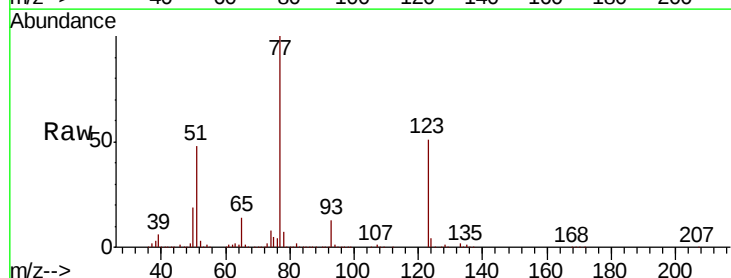


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

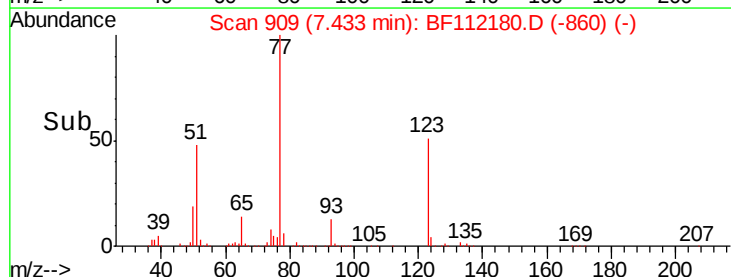
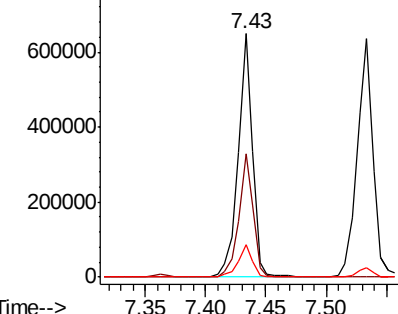


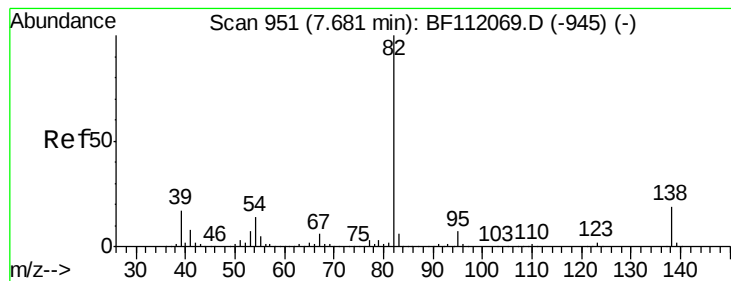
#24
 Nitrobenzene
 Concen: 46.745 ng
 RT: 7.43 min Scan# 909
 Delta R.T. -0.01 min
 Lab File: BF112180.D
 Acq: 22 Jan 2019 2:12

Tgt Ion: 77 Resp: 540135
 Ion Ratio Lower Upper
 77 100
 123 50.6 38.4 57.6
 65 13.5 10.6 15.8



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





#25

Isophorone

Concen: 46.242 ng

RT: 7.67 min Scan# 950

Delta R.T. -0.01 min

Lab File: BF112180.D

Acq: 22 Jan 2019 2:12

Instrument :

BNA_F

ClientSampleId :

PB116516BSD

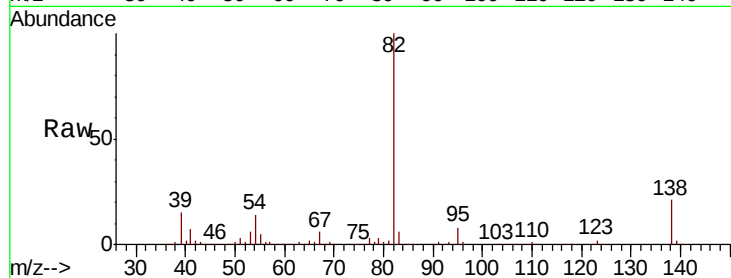
Tgt Ion: 82 Resp: 973811

Ion Ratio Lower Upper

82 100

95 7.7 5.7 8.5

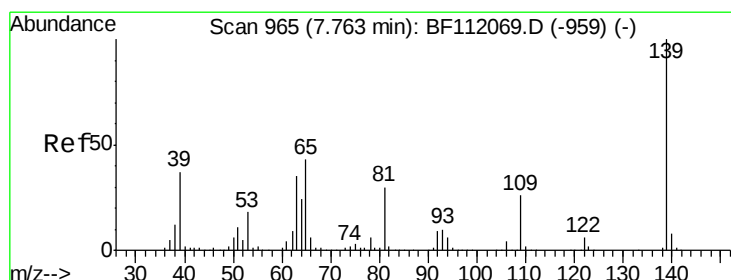
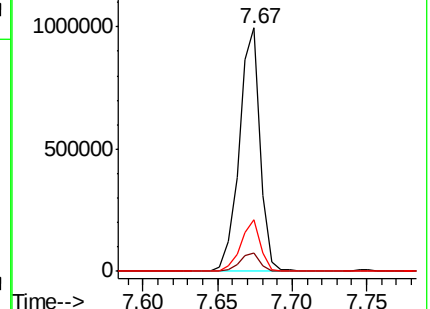
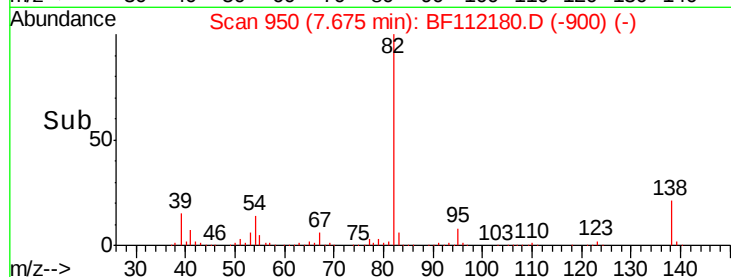
138 21.2 15.4 23.0



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 42.680 ng

RT: 7.75 min Scan# 963

Delta R.T. -0.01 min

Lab File: BF112180.D

Acq: 22 Jan 2019 2:12

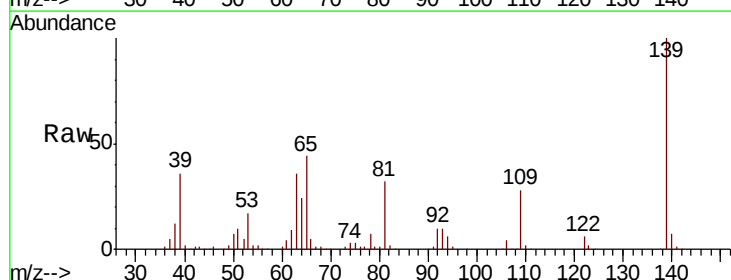
Tgt Ion: 139 Resp: 249064

Ion Ratio Lower Upper

139 100

109 27.8 20.8 31.2

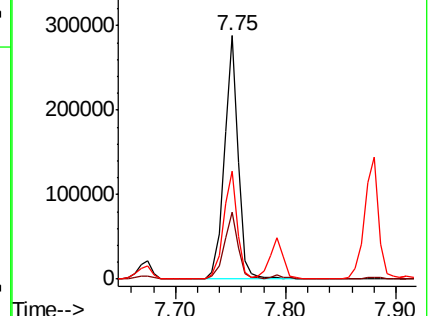
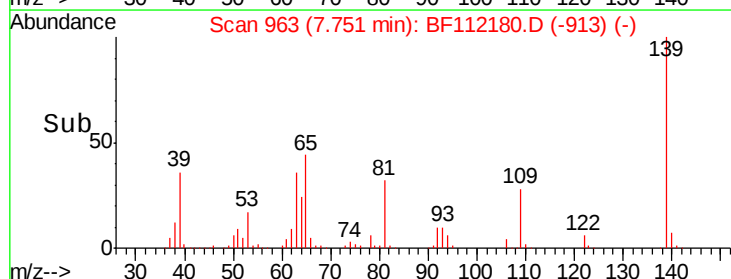
65 44.1 34.4 51.6

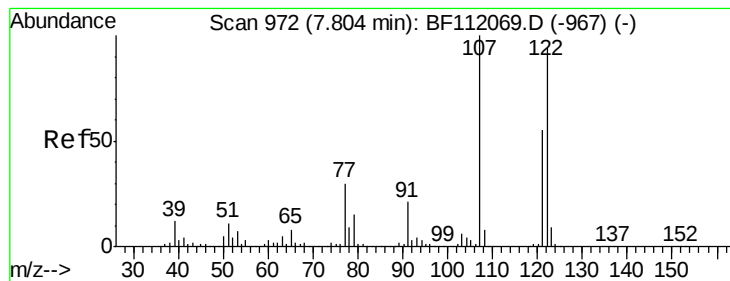


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1





#27

2,4-Dimethylphenol

Concen: 47.377 ng

RT: 7.79 min Scan# 970

Delta R.T. -0.01 min

Lab File: BF112180.D

Acq: 22 Jan 2019 2:12

Instrument :

BNA_F

ClientSampleId :

PB116516BSD

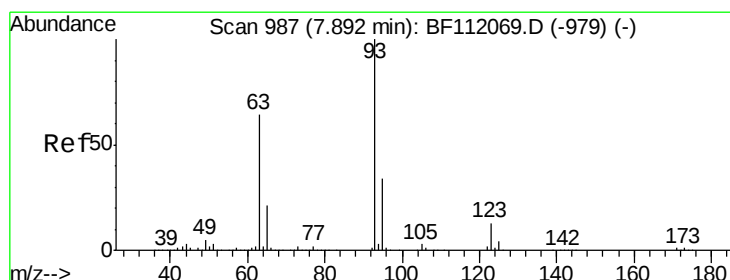
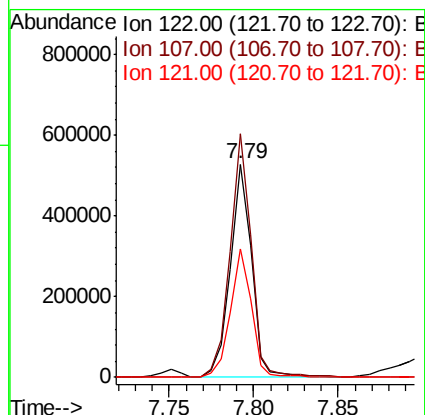
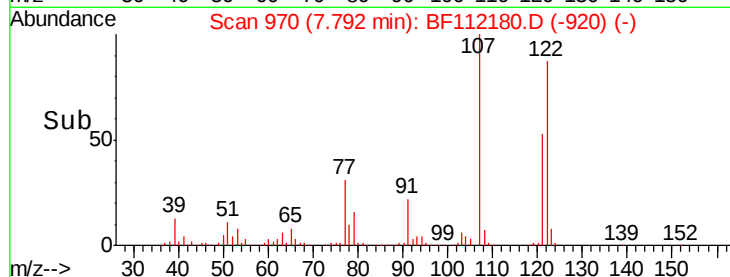
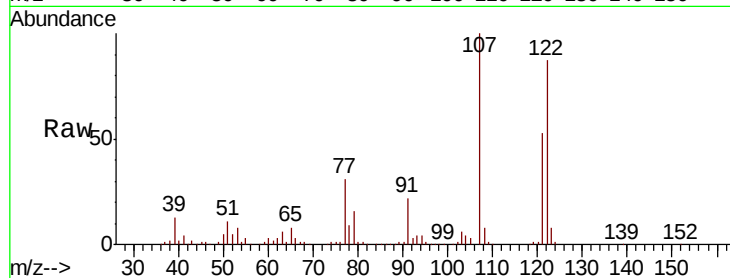
Tgt Ion:122 Resp: 463125

Ion Ratio Lower Upper

122 100

107 114.4 85.4 128.0

121 60.4 47.0 70.4



#28

bis(2-Chloroethoxy)methane

Concen: 44.123 ng

RT: 7.88 min Scan# 985

Delta R.T. -0.01 min

Lab File: BF112180.D

Acq: 22 Jan 2019 2:12

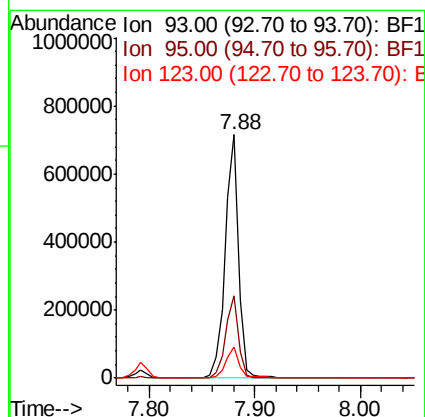
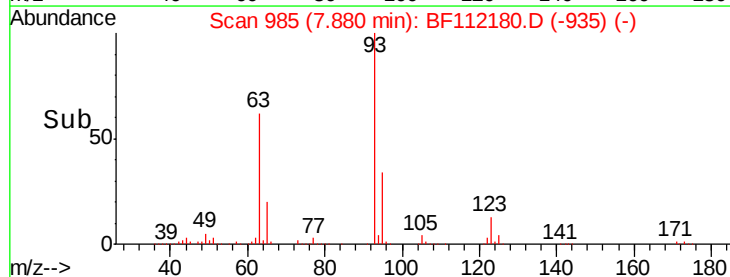
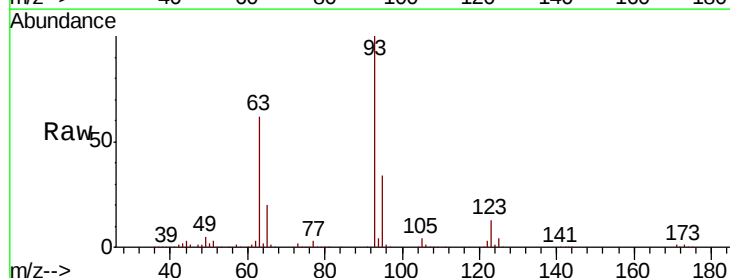
Tgt Ion: 93 Resp: 637384

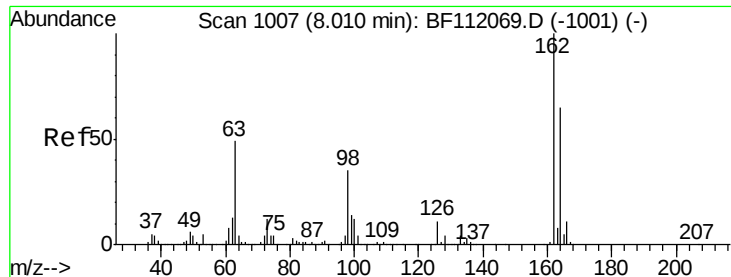
Ion Ratio Lower Upper

93 100

95 33.6 26.8 40.2

123 12.7 10.2 15.2

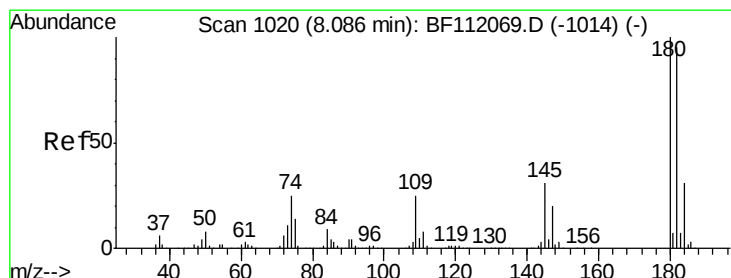
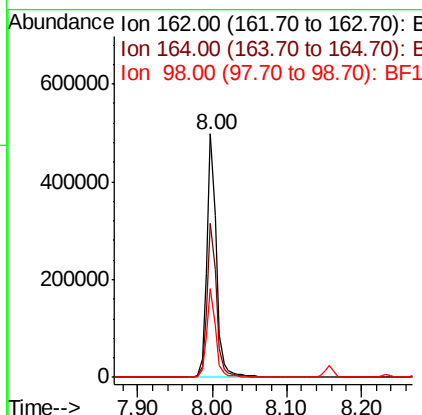
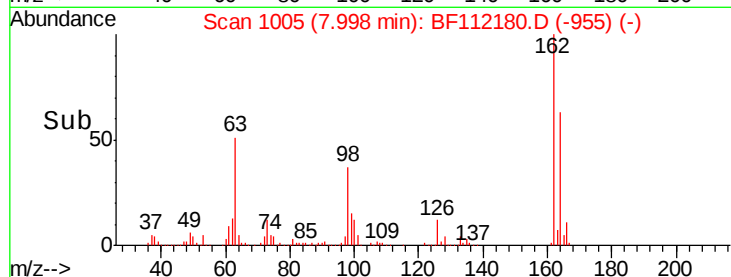
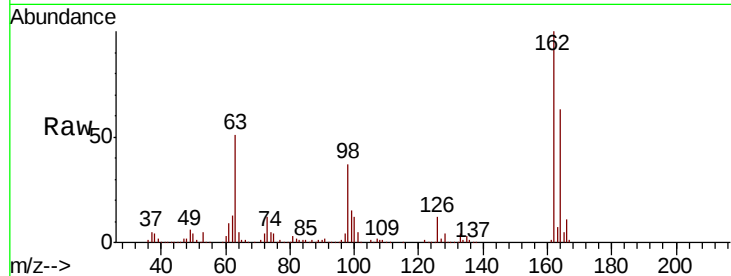




#29
 2,4-Dichlorophenol
 Concen: 41.376 ng
 RT: 8.00 min Scan# 1005
 Delta R.T. -0.01 min
 Lab File: BF112180.D
 Acq: 22 Jan 2019 2:12

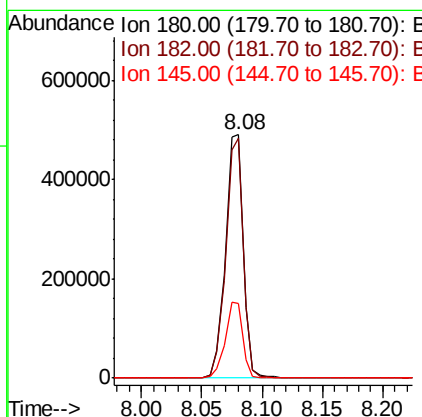
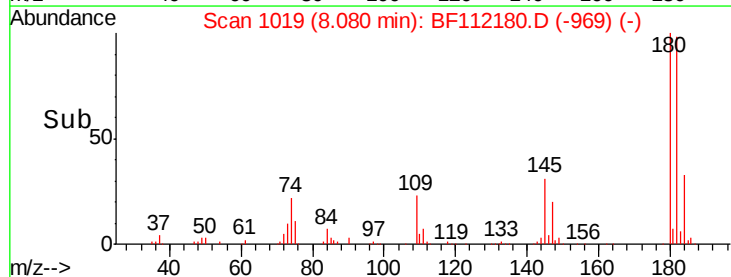
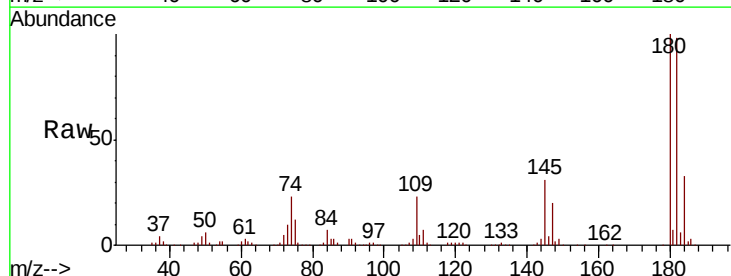
Instrument :
 BNA_F
 ClientSampleId :
 PB116516BSD

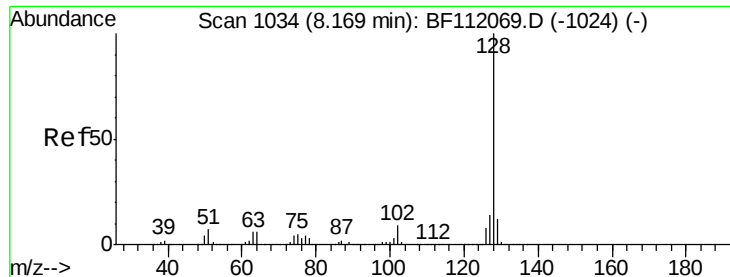
Tgt Ion:	162	Resp:	441840
Ion	Ratio	Lower	Upper
162	100		
164	63.2	44.6	84.6
98	36.6	14.6	54.6



#30
 1,2,4-Trichlorobenzene
 Concen: 40.460 ng
 RT: 8.08 min Scan# 1019
 Delta R.T. -0.01 min
 Lab File: BF112180.D
 Acq: 22 Jan 2019 2:12

Tgt Ion:	180	Resp:	501407
Ion	Ratio	Lower	Upper
180	100		
182	98.4	76.4	114.6
145	30.7	25.0	37.4

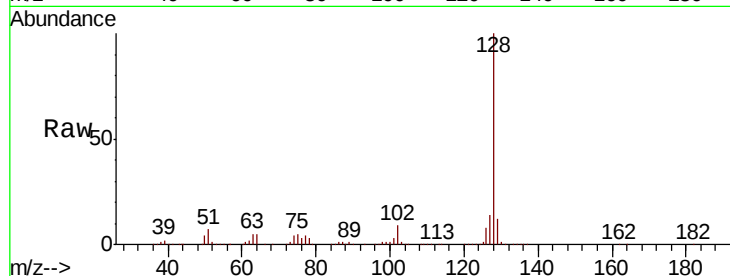




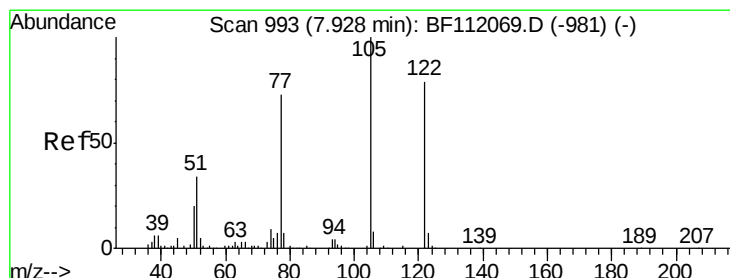
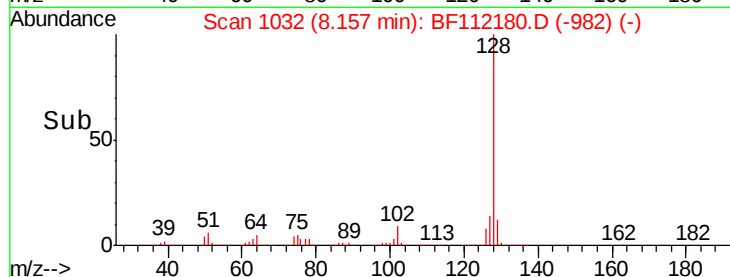
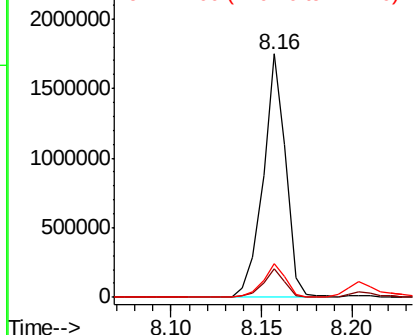
#31
Naphthalene
Concen: 44.055 ng
RT: 8.16 min Scan# 1032
Delta R.T. -0.01 min
Lab File: BF112180.D
Acq: 22 Jan 2019 2:12

Instrument :
BNA_F
ClientSampleId :
PB116516BSD

Tgt Ion:128 Resp: 1509348
Ion Ratio Lower Upper
128 100
129 11.8 9.6 14.4
127 14.0 11.1 16.7

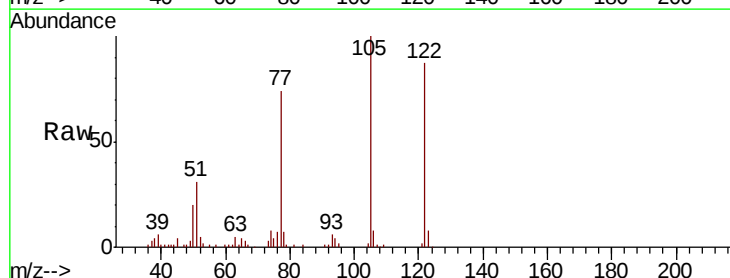


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

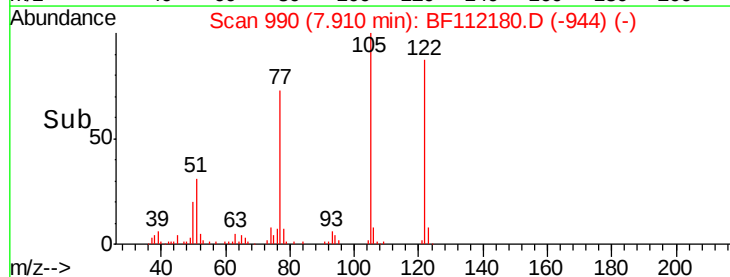
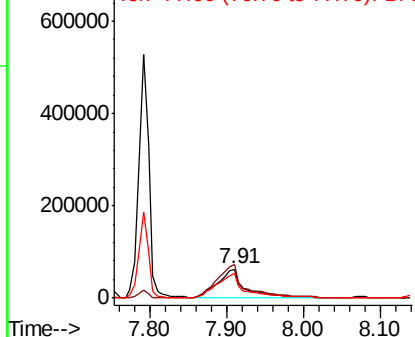


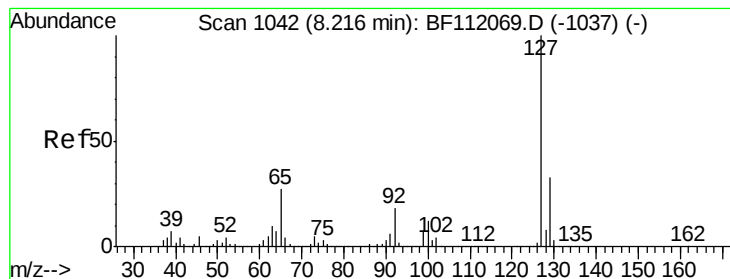
#32
Benzoic acid
Concen: 38.199 ng
RT: 7.91 min Scan# 990
Delta R.T. -0.03 min
Lab File: BF112180.D
Acq: 22 Jan 2019 2:12

Tgt Ion:122 Resp: 155175
Ion Ratio Lower Upper
122 100
105 114.7 101.2 141.2
77 84.8 70.4 110.4



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





#33

4-Chloroaniline

Concen: 9.297 ng

RT: 8.20 min Scan# 1040

Delta R.T. -0.01 min

Lab File: BF112180.D

Acq: 22 Jan 2019 2:12

Instrument :

BNA_F

ClientSampleId :

PB116516BSD

Tgt Ion:127 Resp: 143151

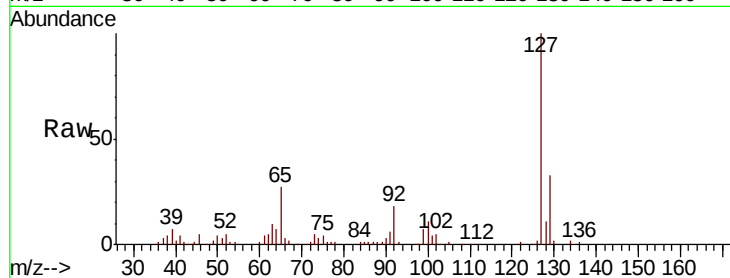
Ion Ratio Lower Upper

127 100

129 32.5 26.6 39.8

65 27.4 21.4 32.2

92 17.6 14.2 21.2

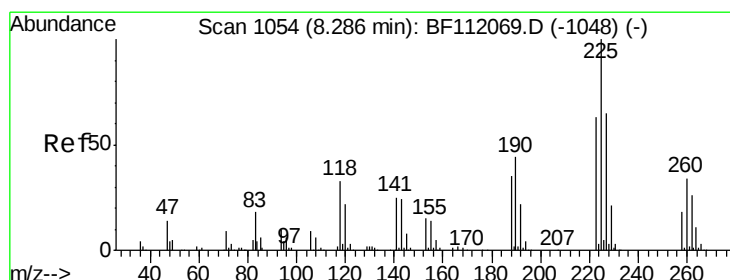
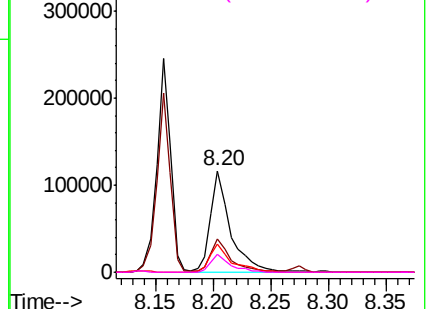
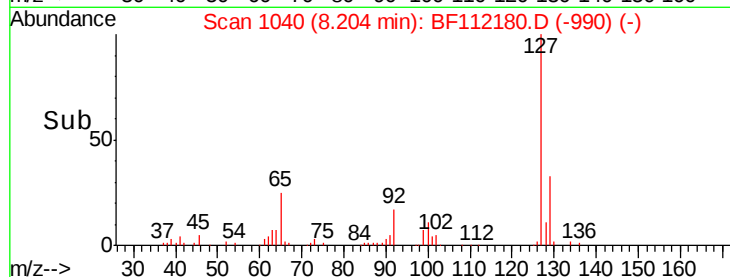


Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1



#34

Hexachlorobutadiene

Concen: 42.220 ng

RT: 8.27 min Scan# 1052

Delta R.T. -0.01 min

Lab File: BF112180.D

Acq: 22 Jan 2019 2:12

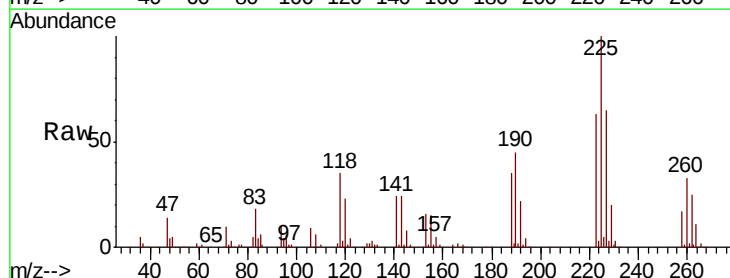
Tgt Ion:225 Resp: 291172

Ion Ratio Lower Upper

225 100

223 62.5 50.3 75.5

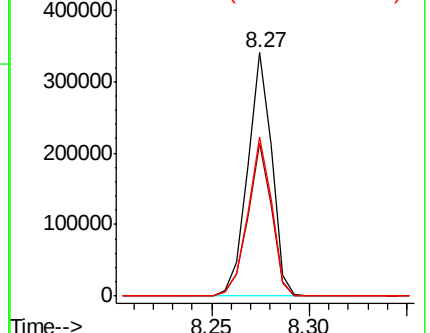
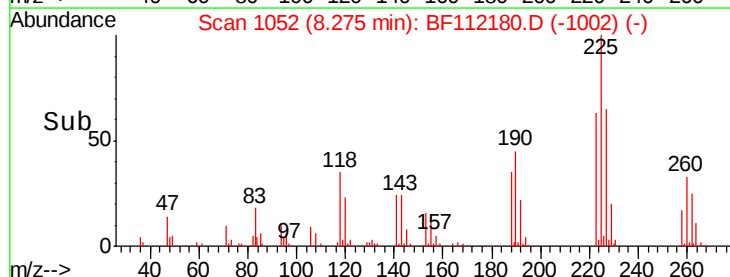
227 65.2 51.8 77.8

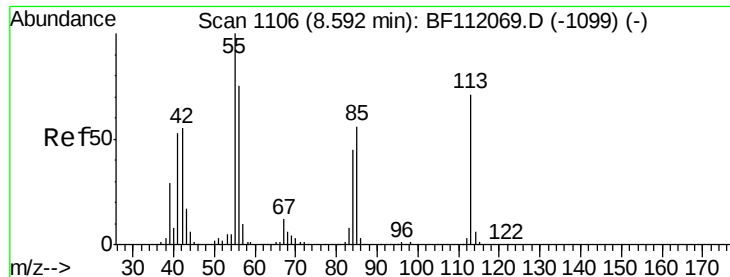


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

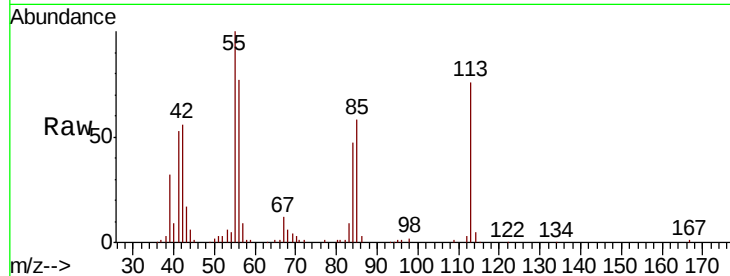




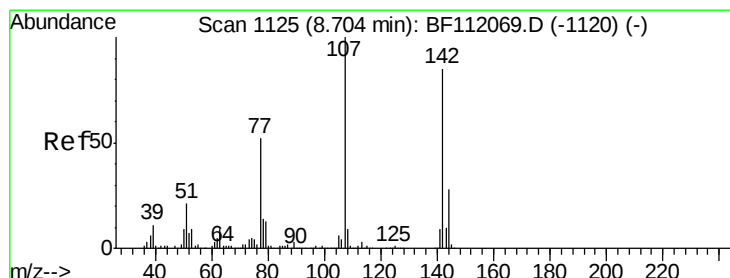
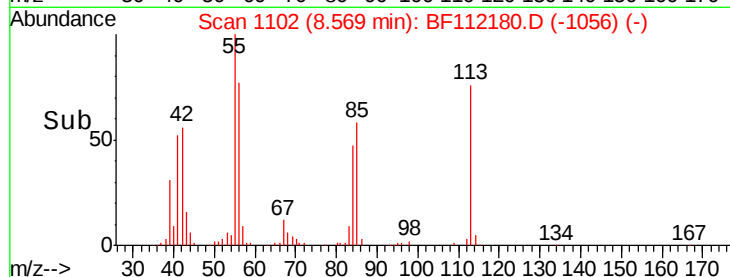
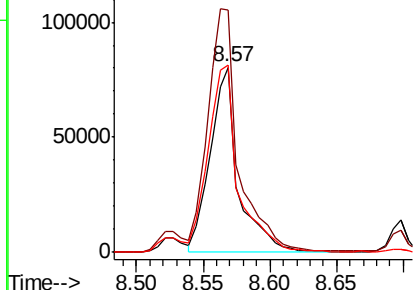
#35
 Caprolactam
 Concen: 31.592 ng
 RT: 8.57 min Scan# 1102
 Delta R.T. -0.03 min
 Lab File: BF112180.D
 Acq: 22 Jan 2019 2:12

Instrument :
 BNA_F
 ClientSampleId :
 PB116516BSD

Tgt Ion:113 Resp: 118075
 Ion Ratio Lower Upper
 113 100
 55 131.1 121.6 161.6
 56 101.4 86.7 126.7

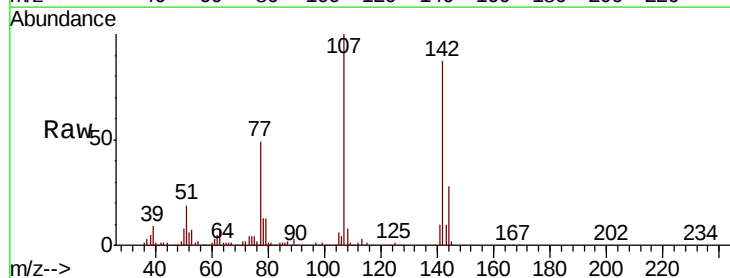


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1

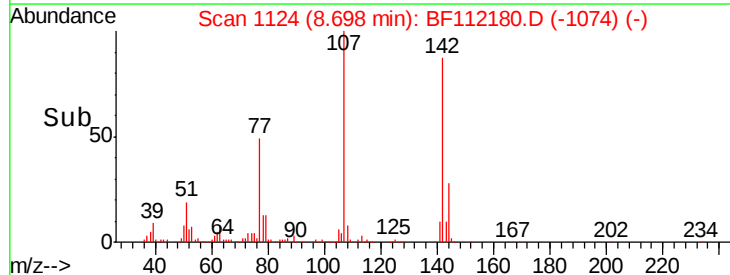
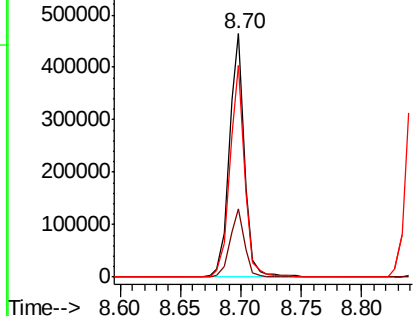


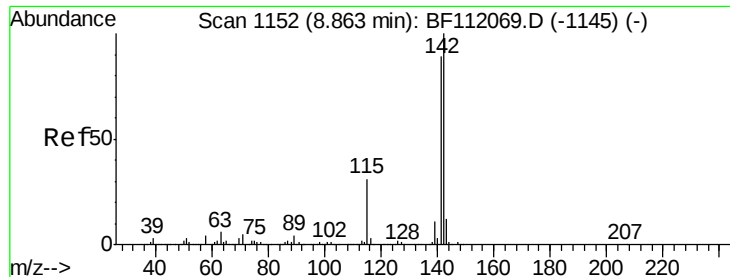
#36
 4-Chloro-3-methylphenol
 Concen: 38.710 ng
 RT: 8.70 min Scan# 1124
 Delta R.T. -0.01 min
 Lab File: BF112180.D
 Acq: 22 Jan 2019 2:12

Tgt Ion:107 Resp: 403739
 Ion Ratio Lower Upper
 107 100
 144 28.2 22.2 33.2
 142 86.7 67.7 101.5



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

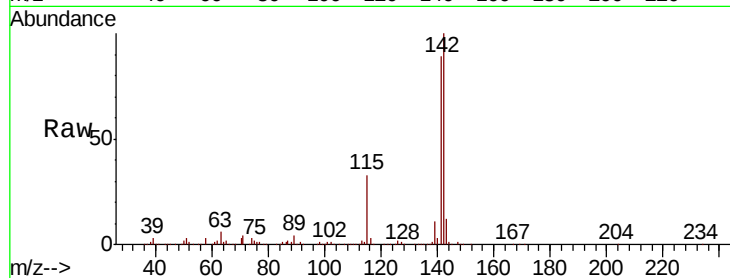




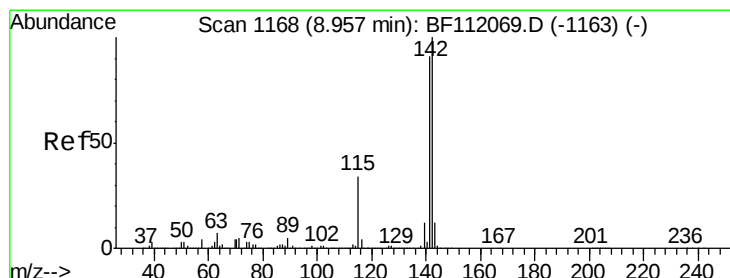
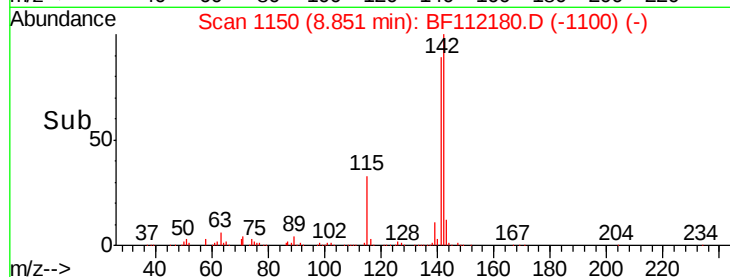
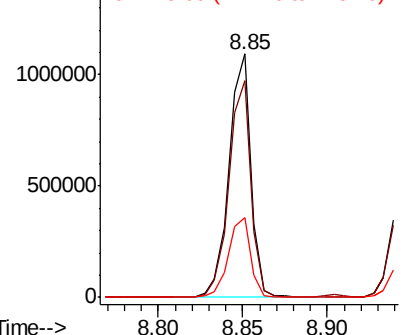
#37
 2-Methylnaphthalene
 Concen: 42.683 ng
 RT: 8.85 min Scan# 1150
 Delta R.T. -0.01 min
 Lab File: BF112180.D
 Acq: 22 Jan 2019 2:12

Instrument :
 BNA_F
 ClientSampleId :
 PB116516BSD

Tgt Ion	Ratio	Lower	Upper
142	100		
141	89.3	70.9	106.3
115	32.8	24.9	37.3

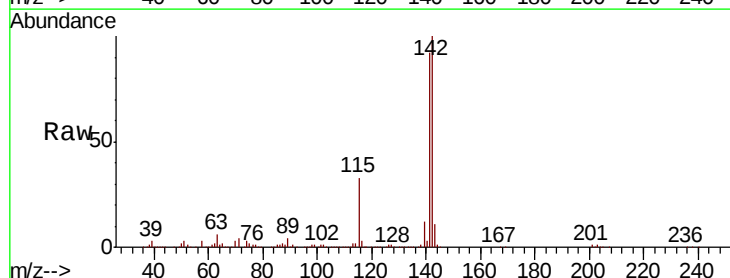


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

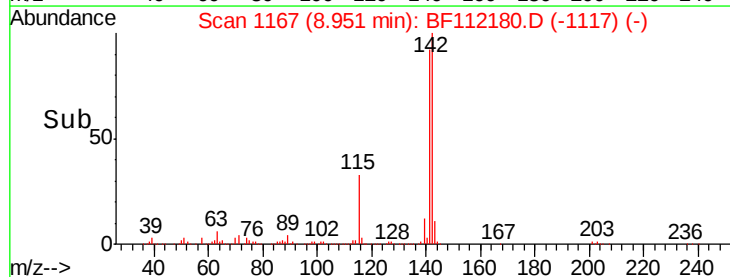
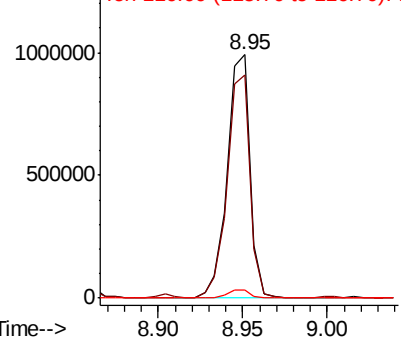


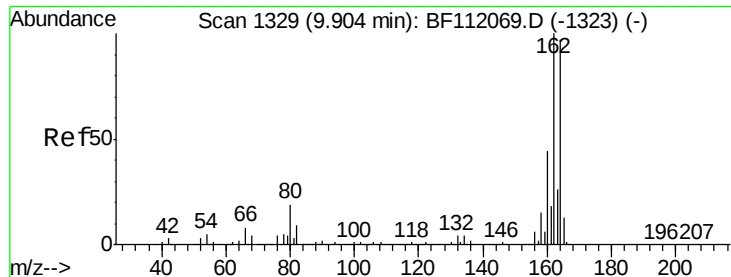
#38
 1-Methylnaphthalene
 Concen: 41.416 ng
 RT: 8.95 min Scan# 1167
 Delta R.T. -0.01 min
 Lab File: BF112180.D
 Acq: 22 Jan 2019 2:12

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.7	72.6	108.8
116	3.5	2.8	4.2



Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.89 min Scan# 1327

Delta R.T. -0.01 min

Lab File: BF112180.D

Acq: 22 Jan 2019 2:12

Instrument :

BNA_F

ClientSampleId :

PB116516BSD

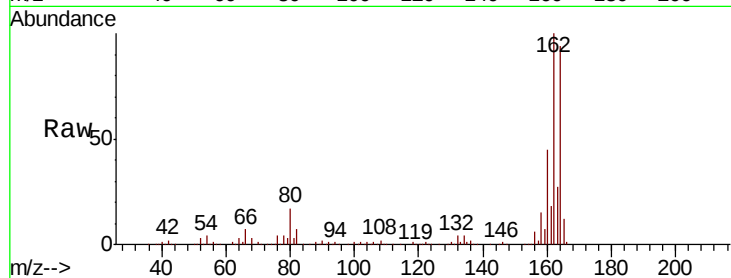
Tgt Ion:164 Resp: 291923

Ion Ratio Lower Upper

164 100

162 106.4 82.2 123.4

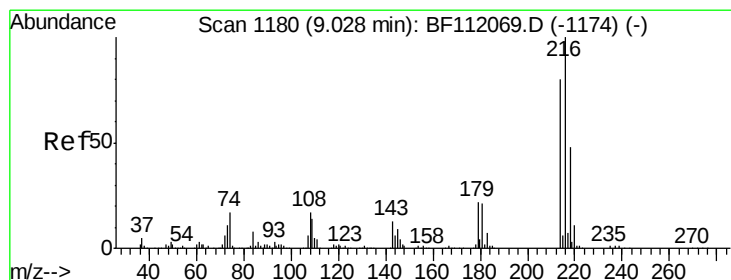
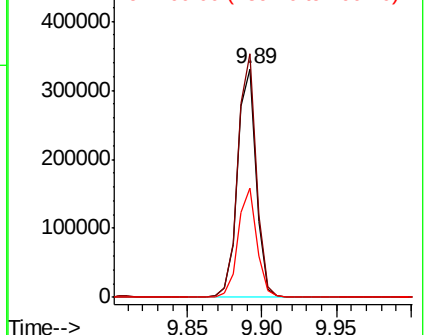
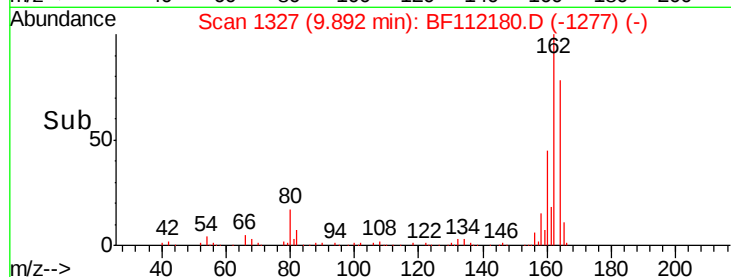
160 47.6 36.2 54.4



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 47.248 ng

RT: 9.02 min Scan# 1178

Delta R.T. -0.01 min

Lab File: BF112180.D

Acq: 22 Jan 2019 2:12

Tgt Ion:216 Resp: 442909

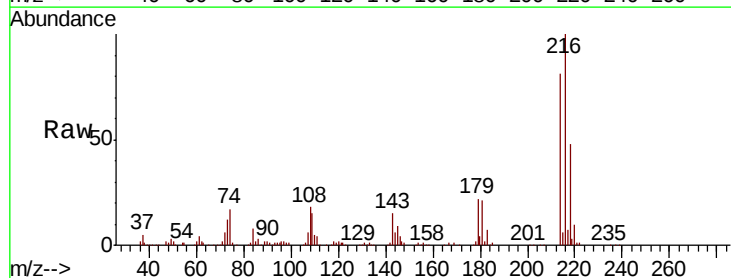
Ion Ratio Lower Upper

216 100

214 78.9 63.8 95.6

179 21.6 16.9 25.3

108 17.5 14.2 21.4

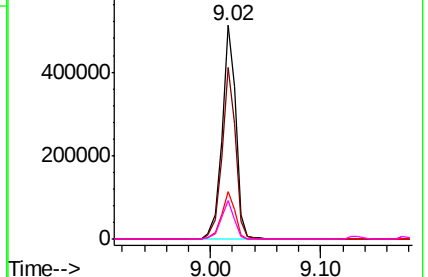
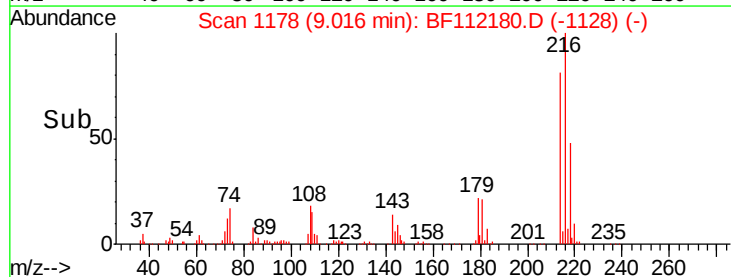


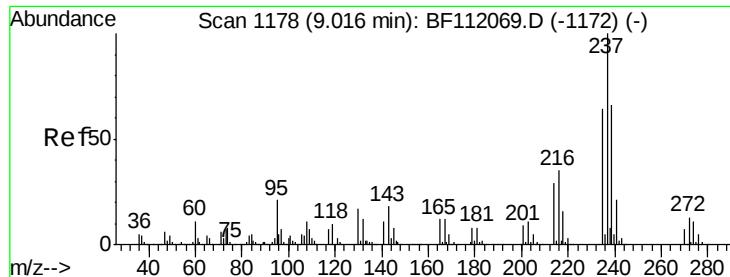
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 14.252 ng

RT: 9.00 min Scan# 1176

Delta R.T. -0.01 min

Lab File: BF112180.D

Acq: 22 Jan 2019 2:12

Instrument :

BNA_F

ClientSampleId :

PB116516BSD

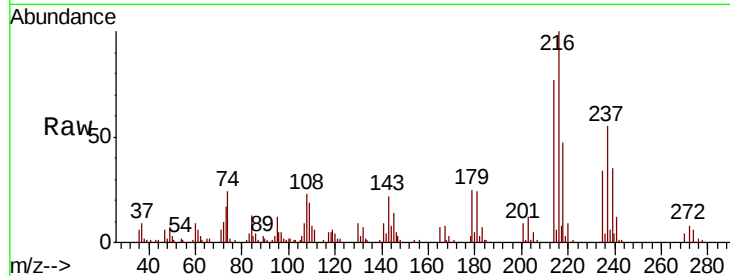
Tgt Ion: 237 Resp: 26553

Ion Ratio Lower Upper

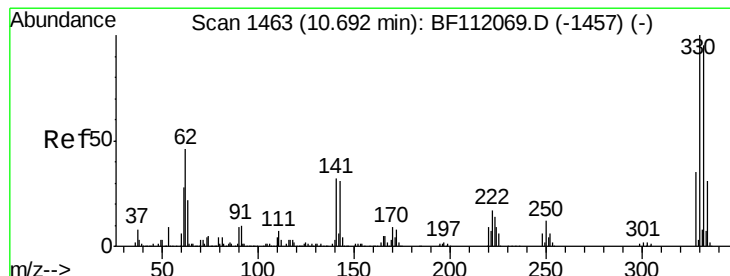
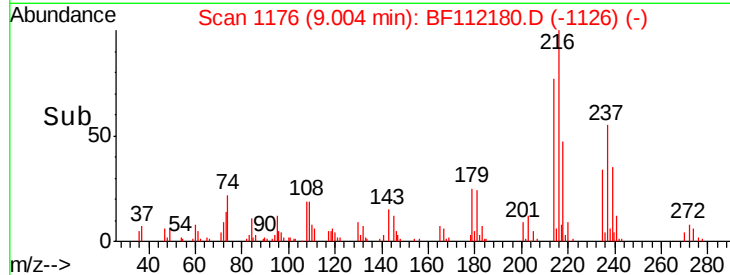
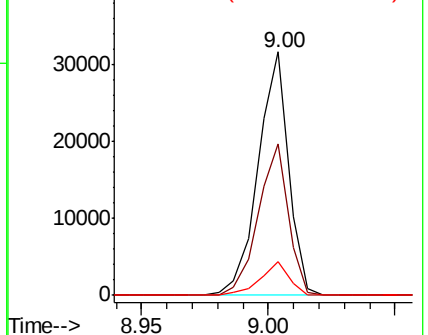
237 100

235 62.1 44.0 84.0

272 14.0 0.0 33.3



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



#42

2,4,6-Tribromophenol

Concen: 81.958 ng

RT: 10.68 min Scan# 1461

Delta R.T. -0.01 min

Lab File: BF112180.D

Acq: 22 Jan 2019 2:12

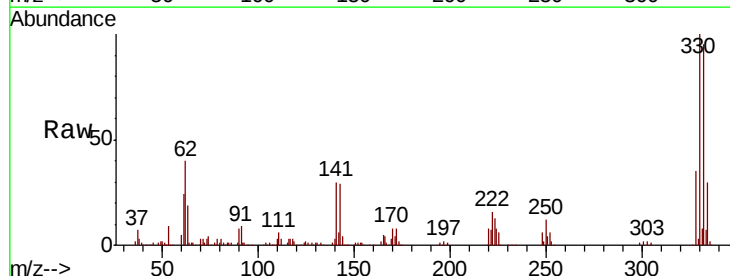
Tgt Ion: 330 Resp: 258104

Ion Ratio Lower Upper

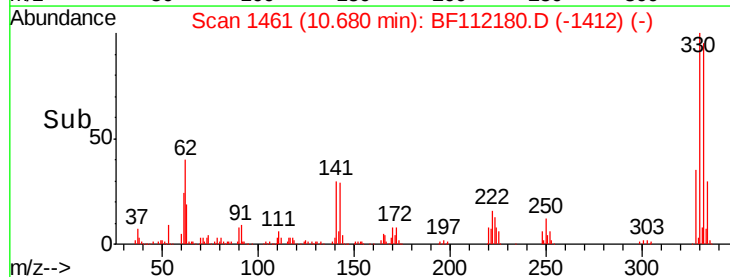
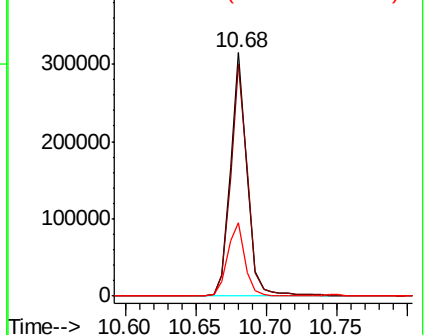
330 100

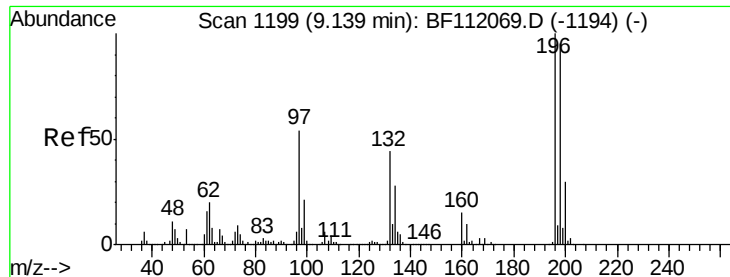
332 97.6 76.6 114.8

141 32.0 24.3 36.5



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

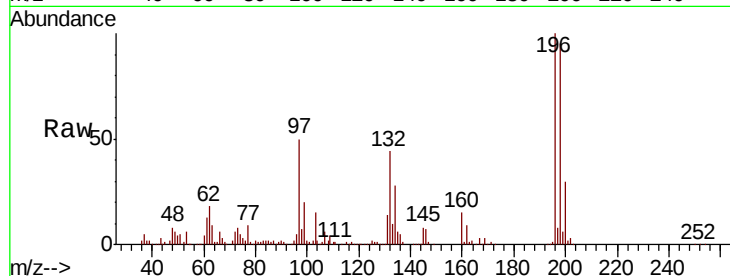




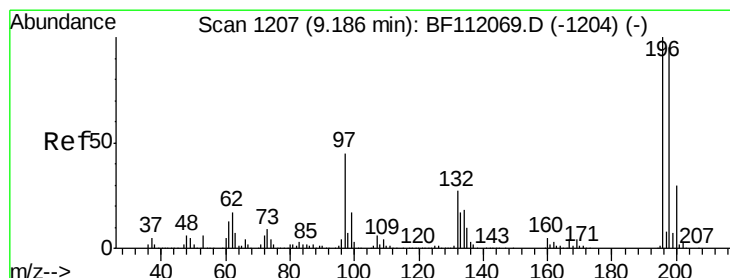
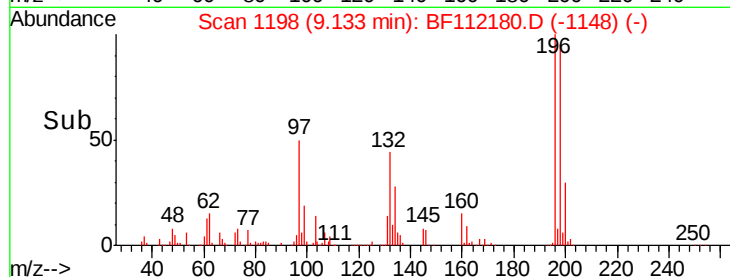
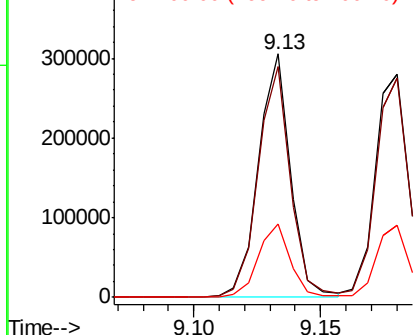
#43
 2,4,6-Trichlorophenol
 Concen: 48.341 ng
 RT: 9.13 min Scan# 1198
 Delta R.T. -0.01 min
 Lab File: BF112180.D
 Acq: 22 Jan 2019 2:12

Instrument :
 BNA_F
 ClientSampleId :
 PB116516BSD

Tgt Ion:196 Resp: 271086
 Ion Ratio Lower Upper
 196 100
 198 94.9 76.2 114.4
 200 29.9 24.3 36.5

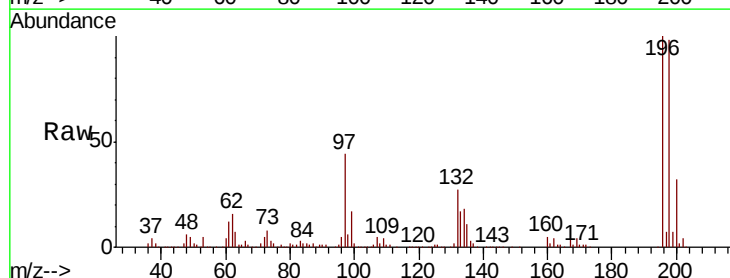


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

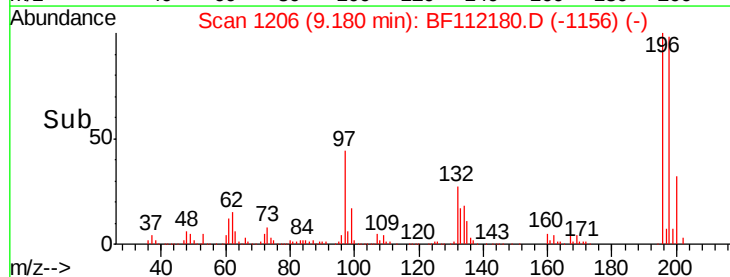
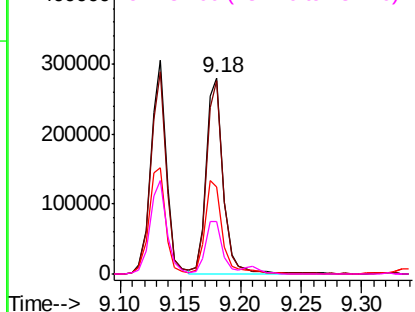


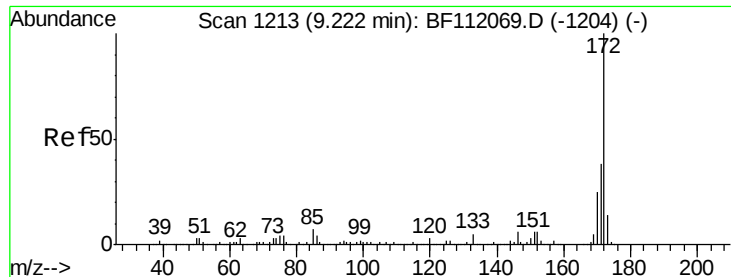
#44
 2,4,5-Trichlorophenol
 Concen: 45.768 ng
 RT: 9.18 min Scan# 1206
 Delta R.T. -0.01 min
 Lab File: BF112180.D
 Acq: 22 Jan 2019 2:12

Tgt Ion:196 Resp: 273353
 Ion Ratio Lower Upper
 196 100
 198 98.4 76.0 114.0
 97 44.1 36.4 54.6
 132 27.0 21.5 32.3



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

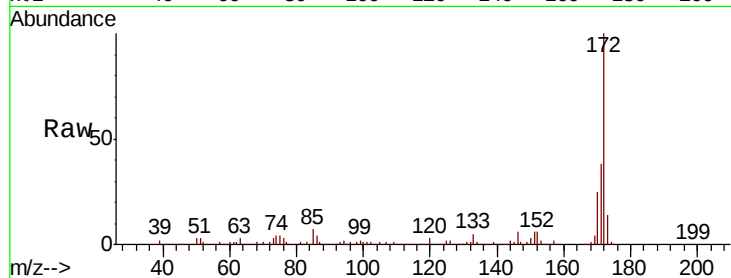




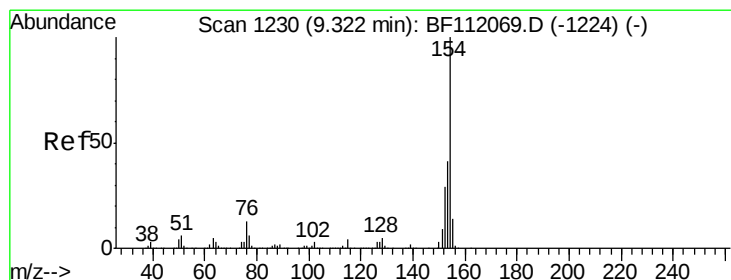
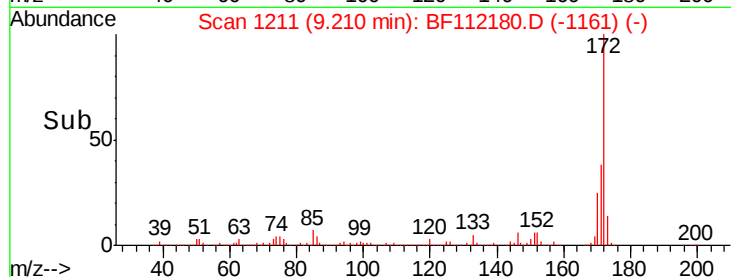
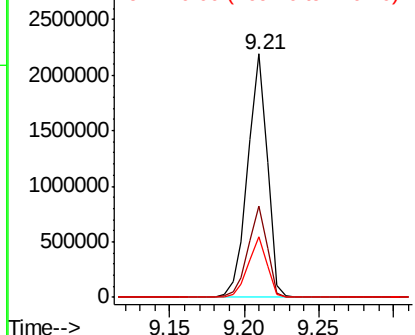
#45
2-Fluorobiphenyl
Concen: 99.862 ng
RT: 9.21 min Scan# 1211
Delta R.T. -0.01 min
Lab File: BF112180.D
Acq: 22 Jan 2019 2:12

Instrument :
BNA_F
ClientSampleId :
PB116516BSD

Tgt Ion:172 Resp: 1988390
Ion Ratio Lower Upper
172 100
171 37.6 30.5 45.7
170 24.7 20.2 30.4

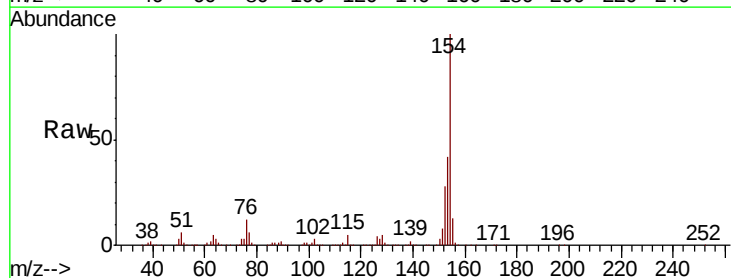


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

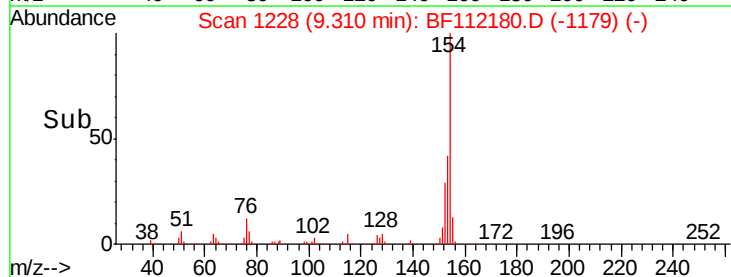
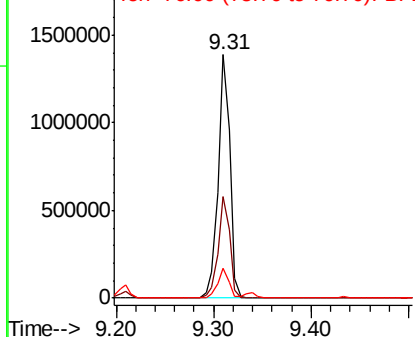


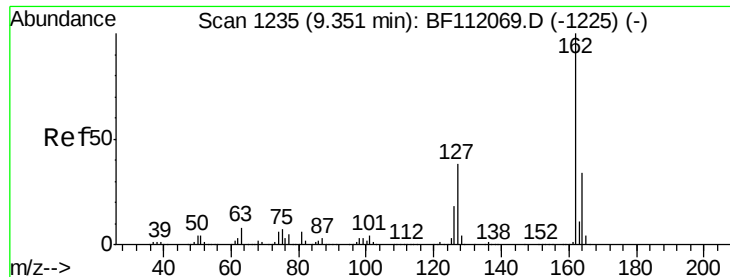
#46
1,1'-Biphenyl
Concen: 47.428 ng
RT: 9.31 min Scan# 1228
Delta R.T. -0.01 min
Lab File: BF112180.D
Acq: 22 Jan 2019 2:12

Tgt Ion:154 Resp: 1157696
Ion Ratio Lower Upper
154 100
153 41.5 21.5 61.5
76 12.3 0.0 33.1



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

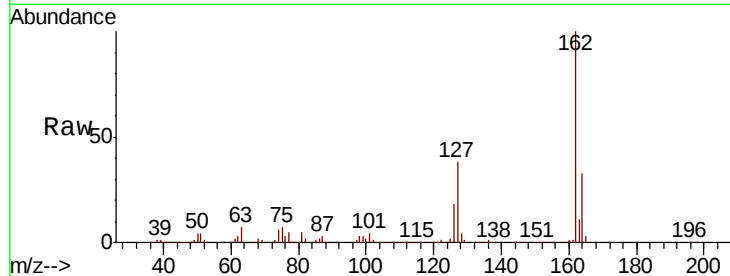




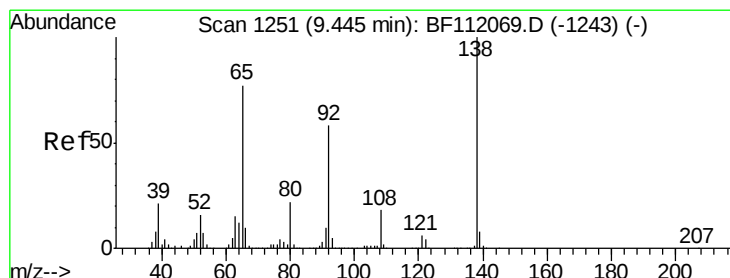
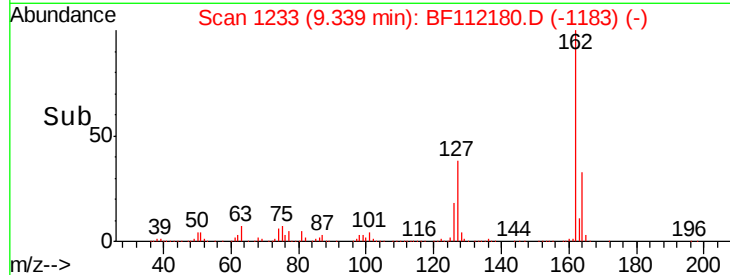
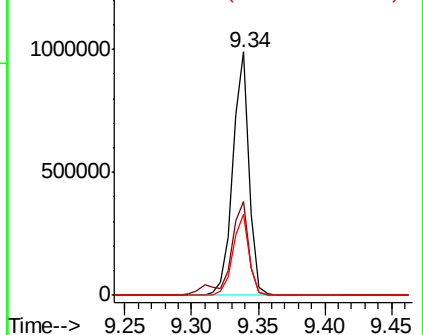
#47
 2-Chloronaphthalene
 Concen: 44.596 ng
 RT: 9.34 min Scan# 1233
 Delta R.T. -0.01 min
 Lab File: BF112180.D
 Acq: 22 Jan 2019 2:12

Instrument :
 BNA_F
 ClientSampleId :
 PB116516BSD

Tgt Ion	Ratio	Lower	Upper
162	100		
127	38.3	30.4	45.6
164	33.3	27.4	41.2

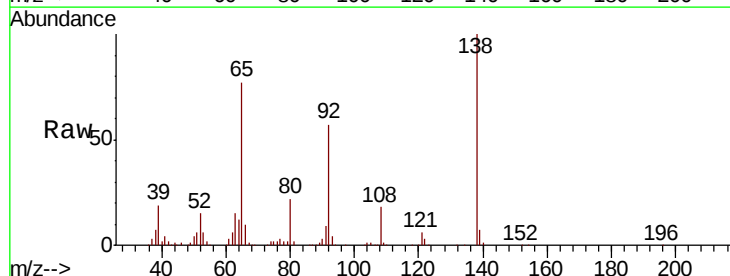


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

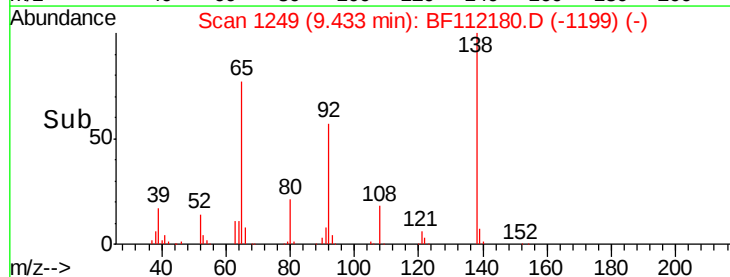
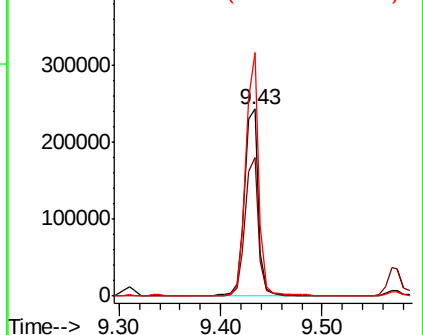


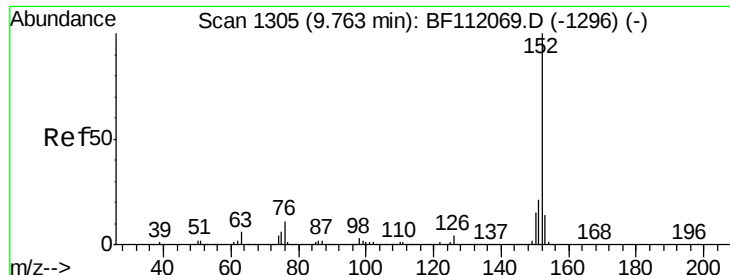
#48
 2-Nitroaniline
 Concen: 54.411 ng
 RT: 9.43 min Scan# 1249
 Delta R.T. -0.01 min
 Lab File: BF112180.D
 Acq: 22 Jan 2019 2:12

Tgt Ion	Ratio	Lower	Upper
65	100		
92	74.3	60.4	90.6
138	130.2	104.4	156.6



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





#49

Acenaphthylene

Concen: 45.987 ng

RT: 9.75 min Scan# 1303

Delta R.T. -0.01 min

Lab File: BF112180.D

Acq: 22 Jan 2019 2:12

Instrument :

BNA_F

ClientSampleId :

PB116516BSD

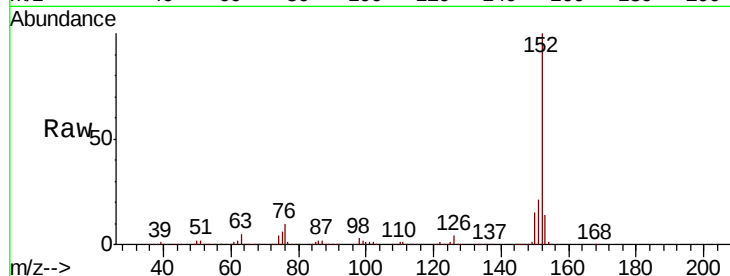
Tgt Ion:152 Resp: 1282256

Ion Ratio Lower Upper

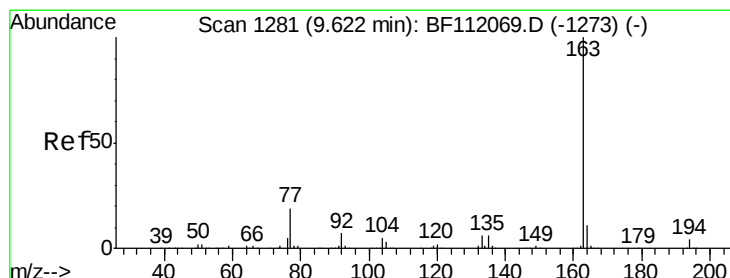
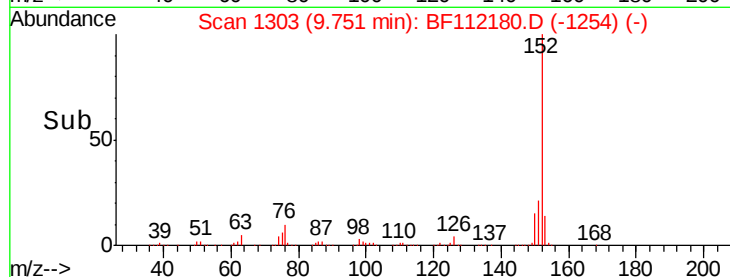
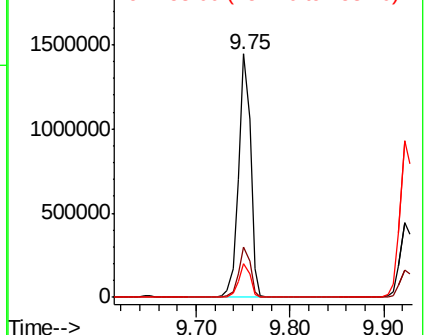
152 100

151 20.8 17.0 25.6

153 13.8 11.2 16.8



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



#50

Dimethylphthalate

Concen: 49.262 ng

RT: 9.60 min Scan# 1278

Delta R.T. -0.02 min

Lab File: BF112180.D

Acq: 22 Jan 2019 2:12

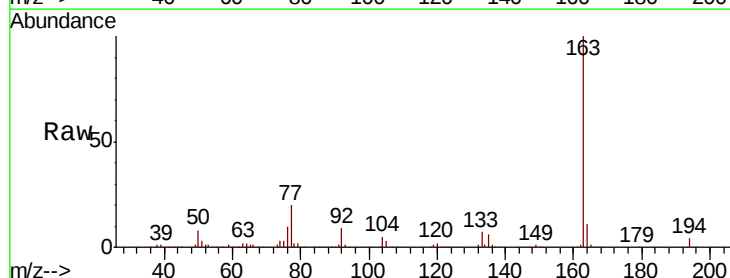
Tgt Ion:163 Resp: 1048760

Ion Ratio Lower Upper

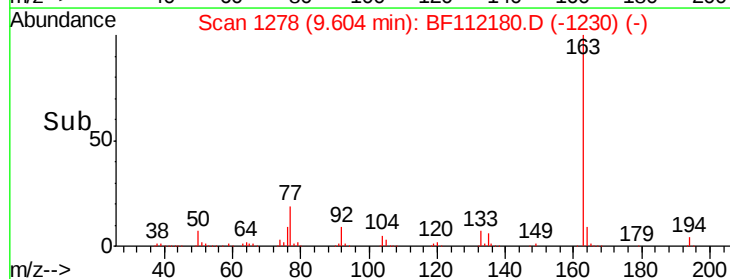
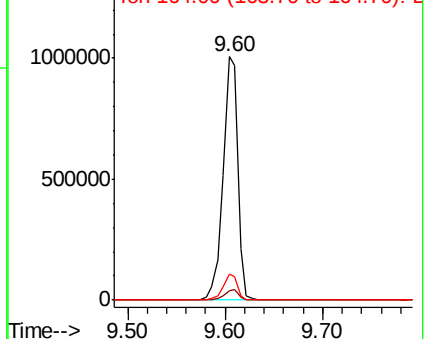
163 100

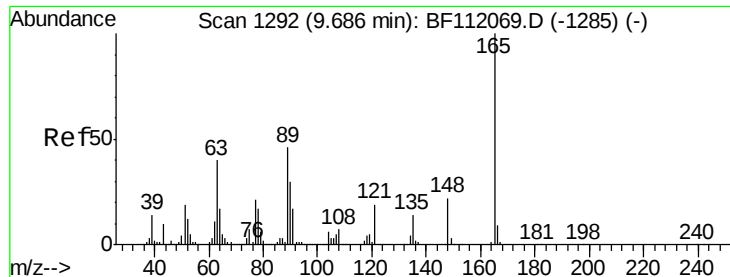
194 3.9 3.3 4.9

164 10.6 8.5 12.7



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

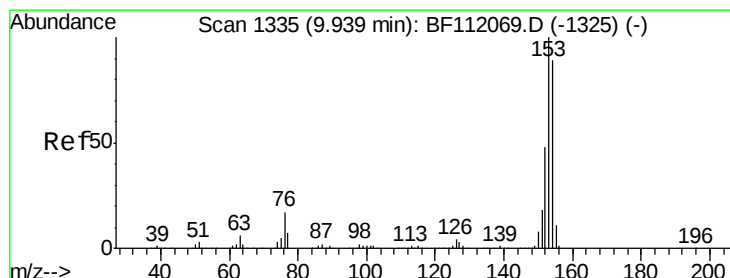
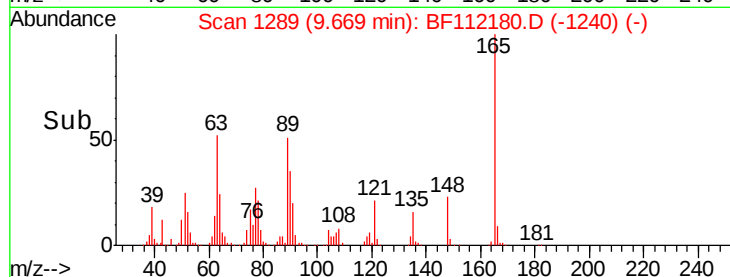
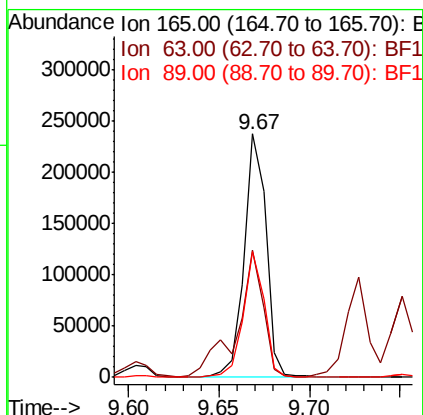
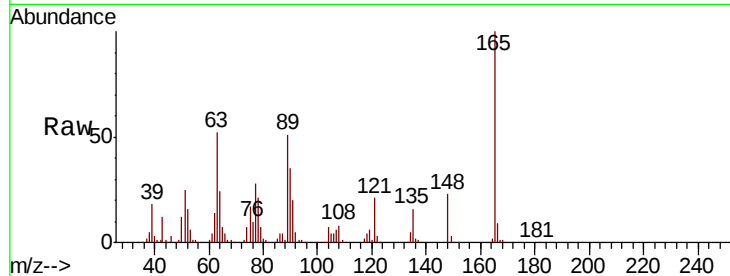




#51
 2,6-Dinitrotoluene
 Concen: 46.747 ng
 RT: 9.67 min Scan# 1289
 Delta R.T. -0.01 min
 Lab File: BF112180.D
 Acq: 22 Jan 2019 2:12

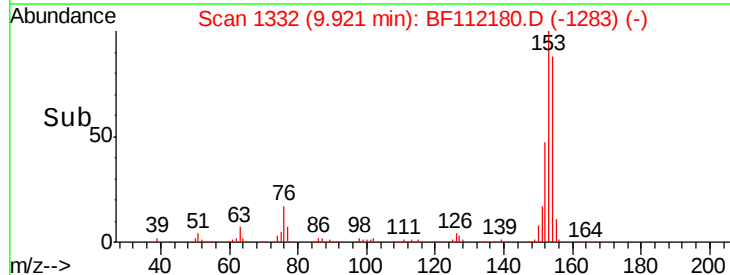
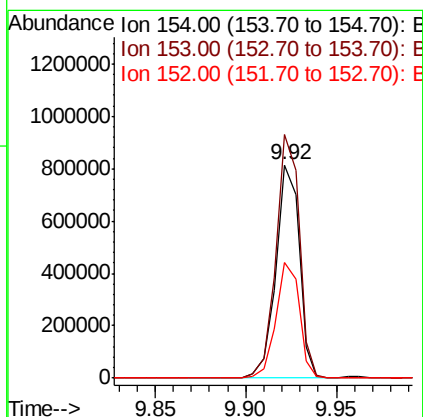
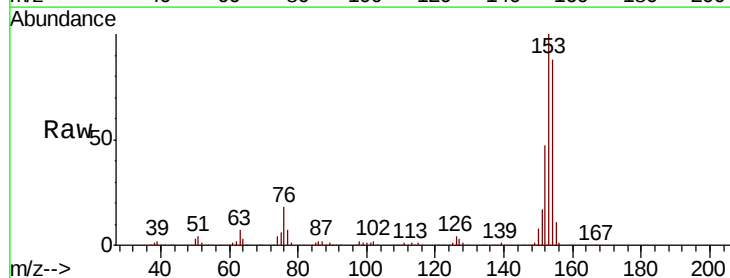
Instrument :
 BNA_F
 ClientSampleId :
 PB116516BSD

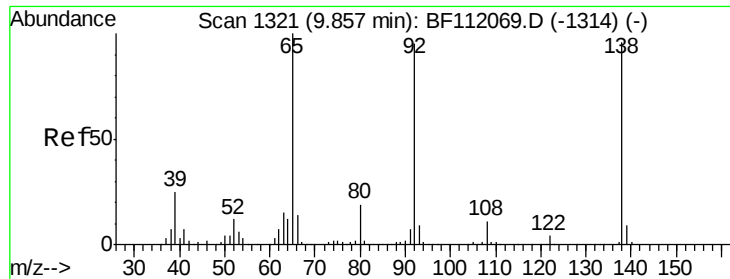
Tgt Ion	Ratio	Lower	Upper
165	100		
63	52.2	33.8	50.8#
89	51.5	36.9	55.3



#52
 Acenaphthene
 Concen: 43.003 ng
 RT: 9.92 min Scan# 1332
 Delta R.T. -0.01 min
 Lab File: BF112180.D
 Acq: 22 Jan 2019 2:12

Tgt Ion	Ratio	Lower	Upper
154	100		
153	114.2	89.8	134.6
152	54.0	43.5	65.3

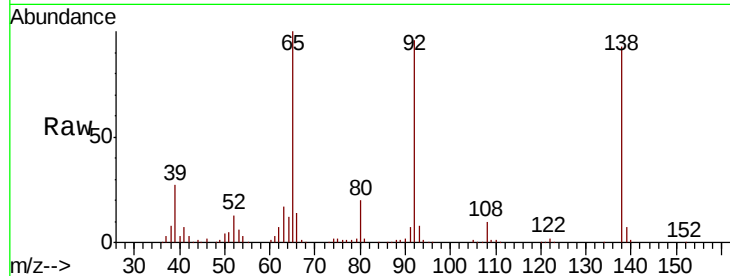




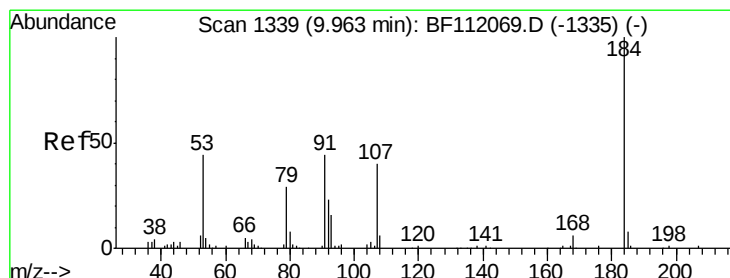
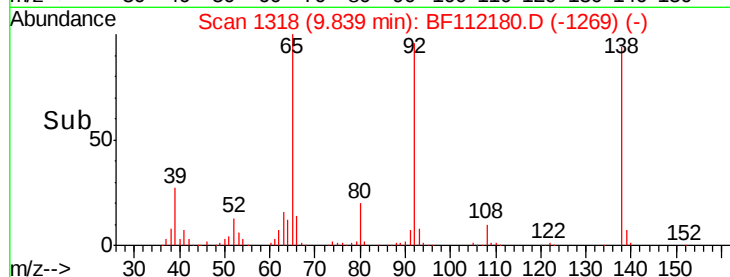
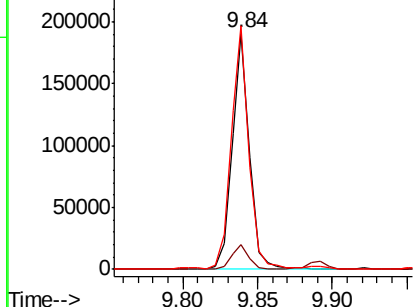
#53
3-Nitroaniline
Concen: 32.927 ng
RT: 9.84 min Scan# 1318
Delta R.T. -0.01 min
Lab File: BF112180.D
Acq: 22 Jan 2019 2:12

Instrument :
BNA_F
ClientSampleId :
PB116516BSD

Tgt Ion:138 Resp: 156546
Ion Ratio Lower Upper
138 100
108 10.5 9.8 14.6
92 103.1 79.4 119.2

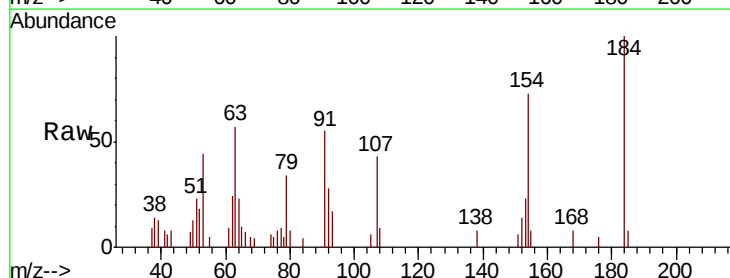


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

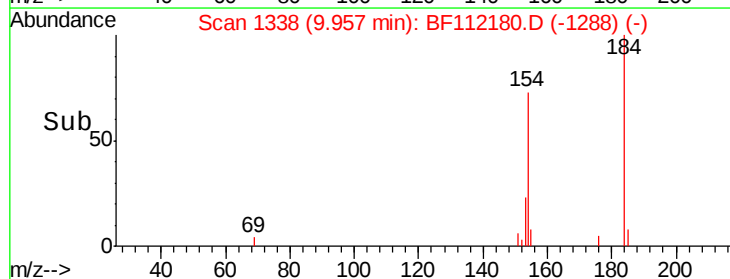
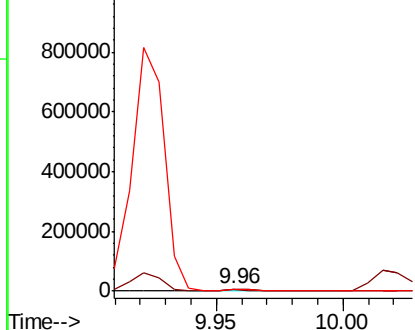


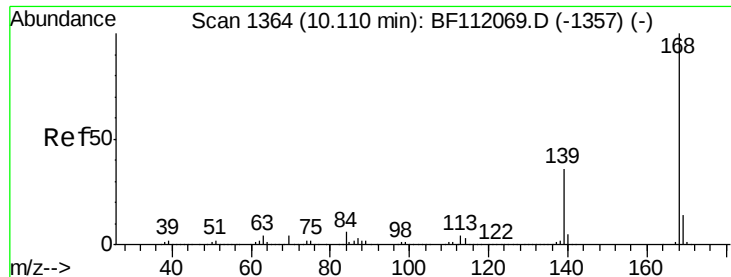
#54
2,4-Dinitrophenol
Concen: 16.724 ng
RT: 9.96 min Scan# 1338
Delta R.T. -0.01 min
Lab File: BF112180.D
Acq: 22 Jan 2019 2:12

Tgt Ion:184 Resp: 8051
Ion Ratio Lower Upper
184 100
63 57.4 47.1 70.7
154 72.5 48.9 73.3



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

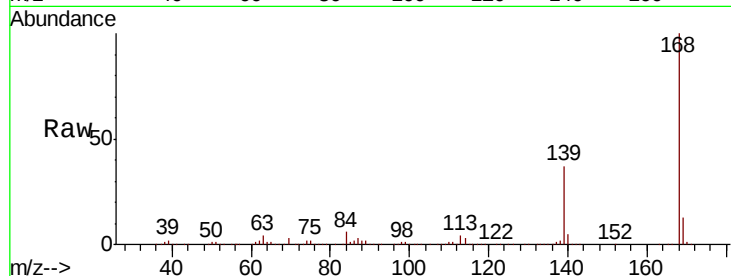




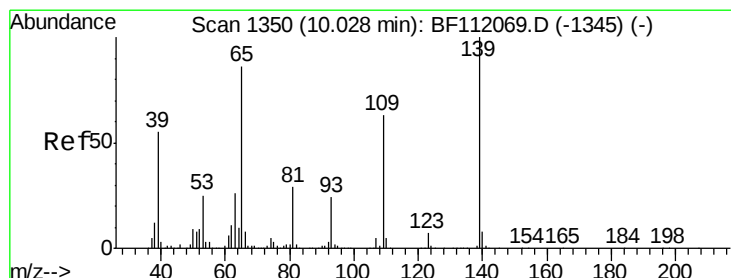
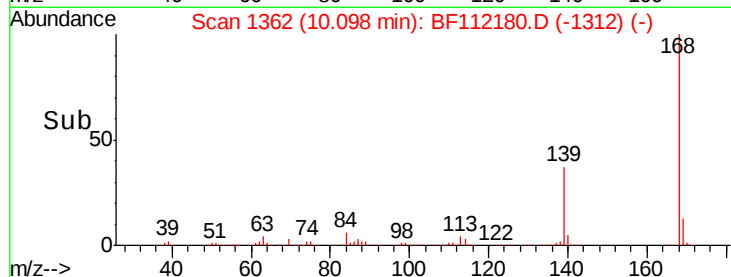
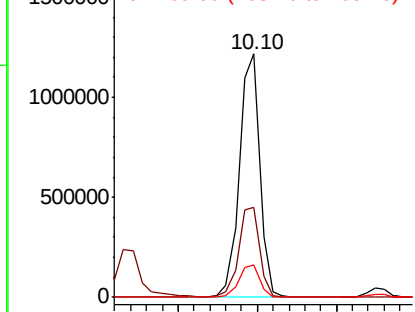
#55
Dibenzenofuran
Concen: 42.115 ng
RT: 10.10 min Scan# 1362
Delta R.T. -0.01 min
Lab File: BF112180.D
Acq: 22 Jan 2019 2:12

Instrument :
BNA_F
ClientSampleId :
PB116516BSD

Tgt Ion:168 Resp: 1086539
Ion Ratio Lower Upper
168 100
139 37.2 29.2 43.8
169 13.2 11.4 17.0

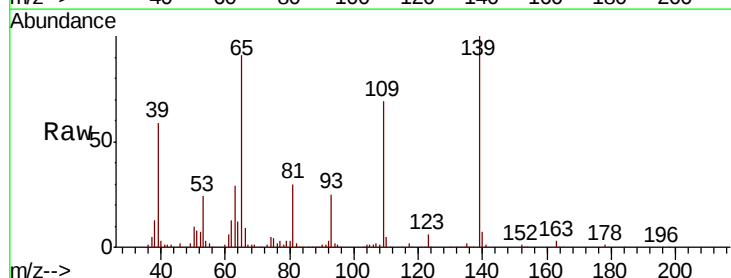


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

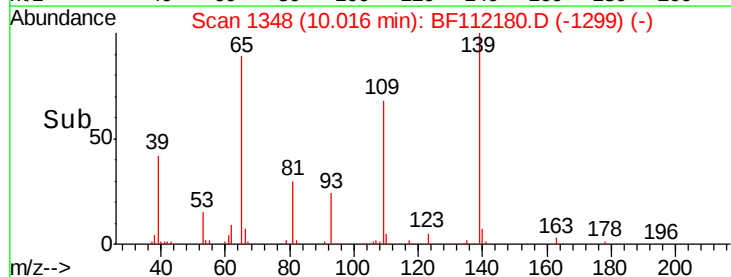
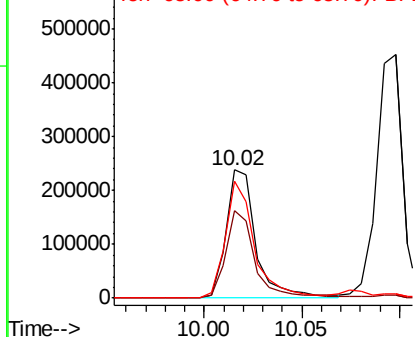


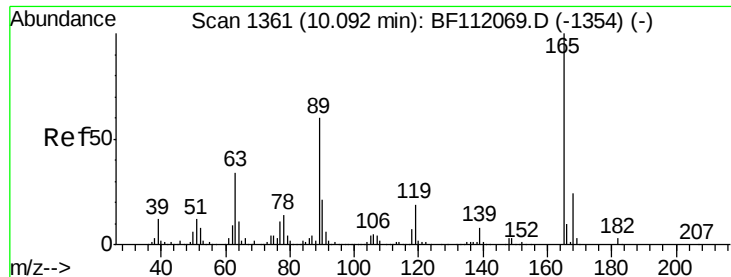
#56
4-Nitrophenol
Concen: 74.923 ng
RT: 10.02 min Scan# 1348
Delta R.T. -0.01 min
Lab File: BF112180.D
Acq: 22 Jan 2019 2:12

Tgt Ion:139 Resp: 253279
Ion Ratio Lower Upper
139 100
109 68.6 42.8 82.8
65 91.0 66.1 106.1



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

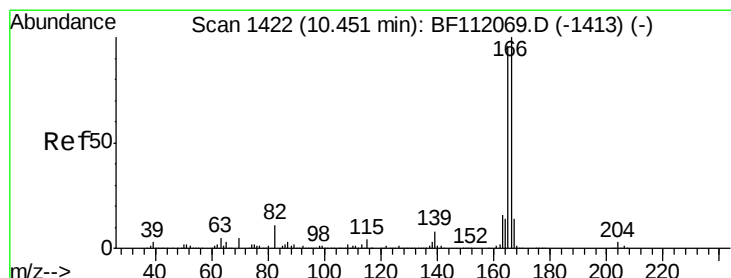
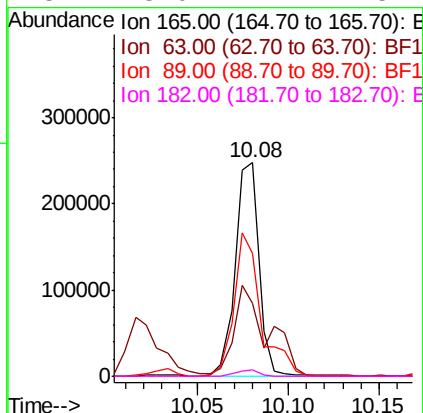
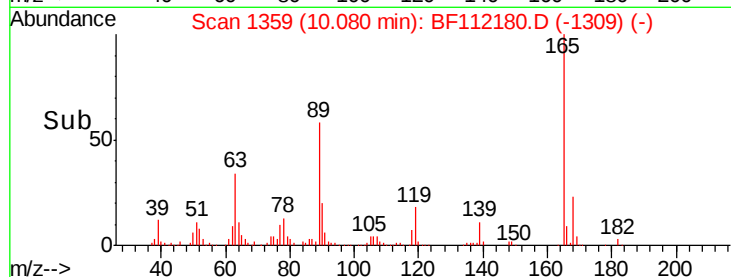
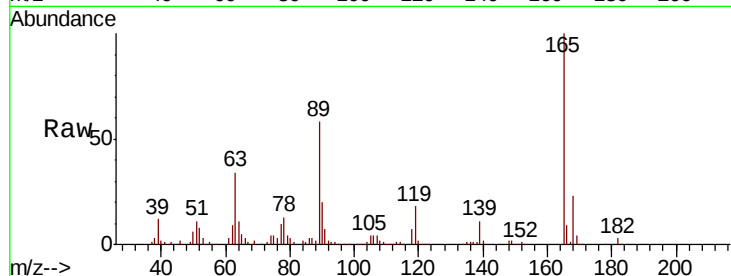




#57
2,4-Dinitrotoluene
Concen: 42.035 ng
RT: 10.08 min Scan# 1359
Delta R.T. -0.01 min
Lab File: BF112180.D
Acq: 22 Jan 2019 2:12

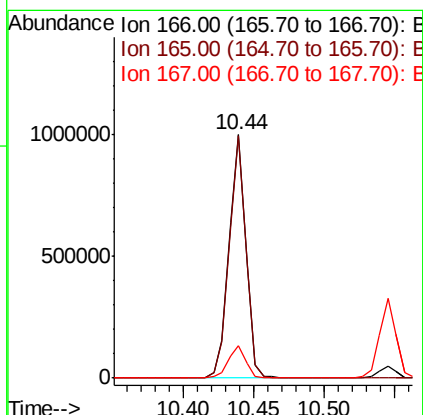
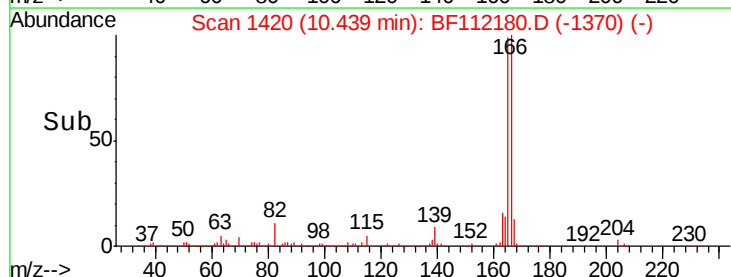
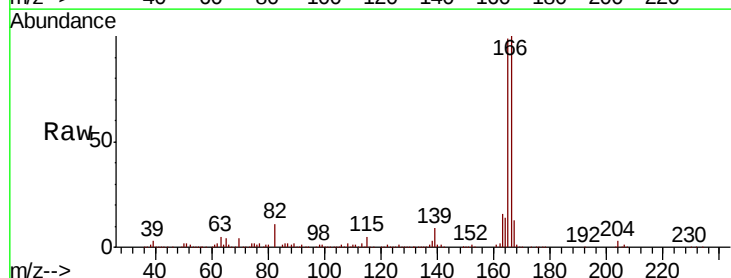
Instrument :
BNA_F
ClientSampleId :
PB116516BSD

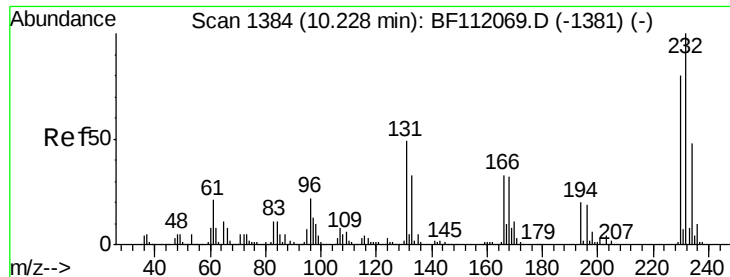
Tgt Ion	Ratio	Lower	Upper
165	100		
63	34.1	27.9	41.9
89	57.6	47.9	71.9
182	3.0	2.2	3.4



#58
Fluorene
Concen: 43.128 ng
RT: 10.44 min Scan# 1420
Delta R.T. -0.01 min
Lab File: BF112180.D
Acq: 22 Jan 2019 2:12

Tgt Ion	Ratio	Lower	Upper
166	100		
165	99.3	77.1	115.7
167	13.3	11.3	16.9

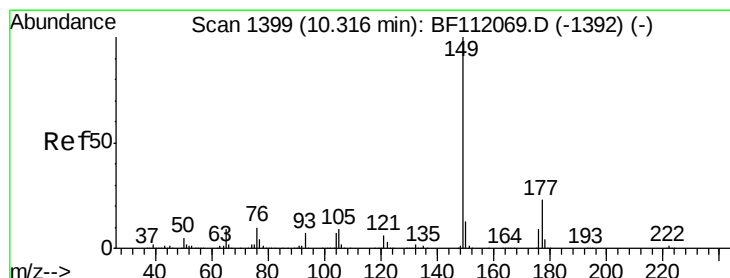
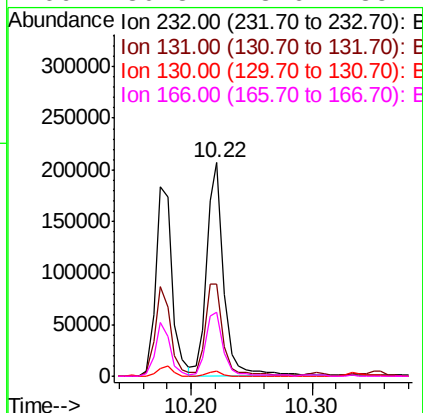
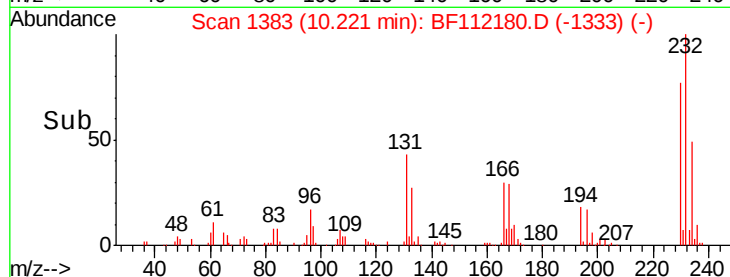
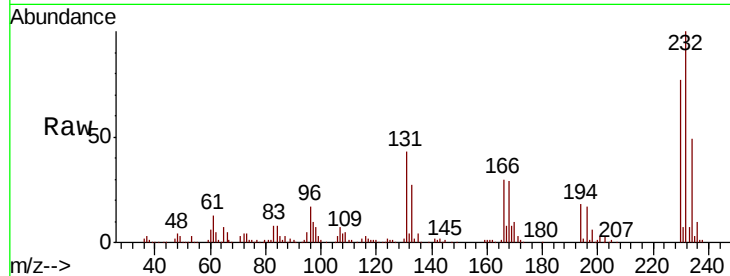




#59
2,3,4,6-Tetrachlorophenol
Concen: 44.363 ng
RT: 10.22 min Scan# 1383
Delta R.T. -0.01 min
Lab File: BF112180.D
Acq: 22 Jan 2019 2:12

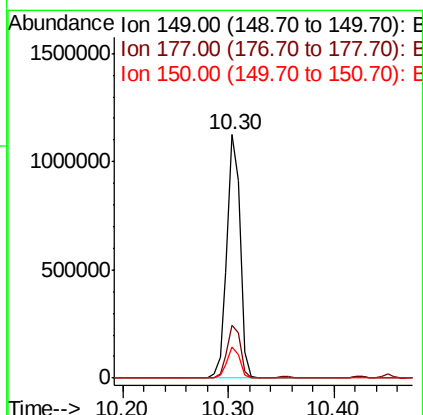
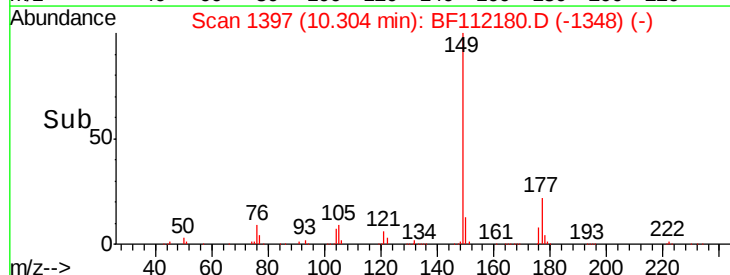
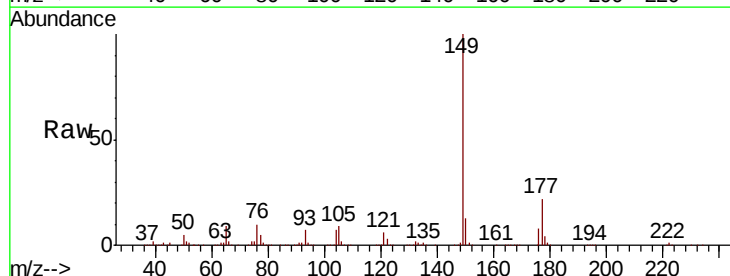
Instrument :
BNA_F
ClientSampleId :
PB116516BSD

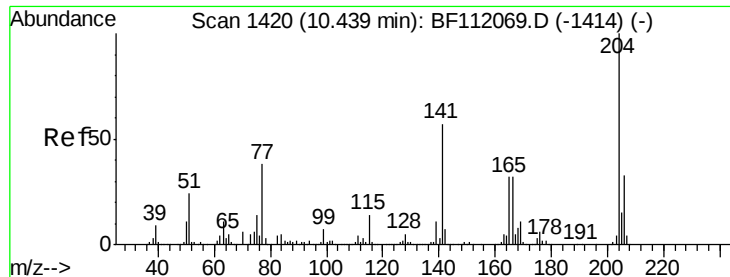
Tgt Ion	Ratio	Lower	Upper
232	100		
131	46.5	33.9	50.9
130	2.3	1.8	2.6
166	30.8	23.6	35.4



#60
Diethylphthalate
Concen: 47.210 ng
RT: 10.30 min Scan# 1397
Delta R.T. -0.01 min
Lab File: BF112180.D
Acq: 22 Jan 2019 2:12

Tgt Ion	Ratio	Lower	Upper
149	100		
177	21.8	18.2	27.2
150	12.7	10.4	15.6

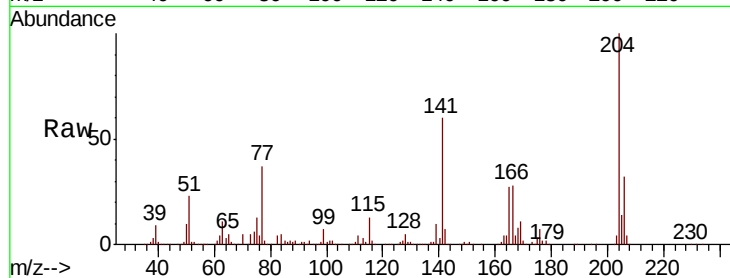




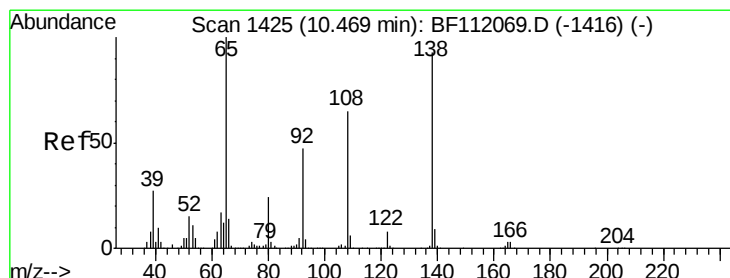
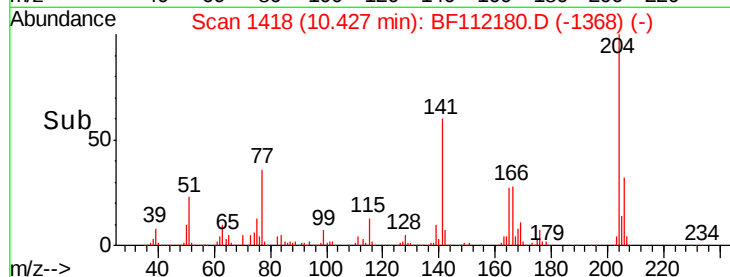
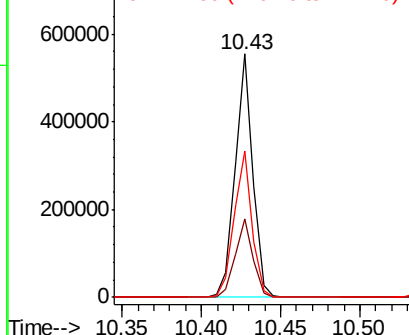
#61
 4-Chlorophenyl-phenylether
 Concen: 41.263 ng
 RT: 10.43 min Scan# 1418
 Delta R.T. -0.01 min
 Lab File: BF112180.D
 Acq: 22 Jan 2019 2:12

Instrument :
 BNA_F
 ClientSampleId :
 PB116516BSD

Tgt Ion: 204 Resp: 429193
 Ion Ratio Lower Upper
 204 100
 206 32.2 26.5 39.7
 141 60.3 45.9 68.9

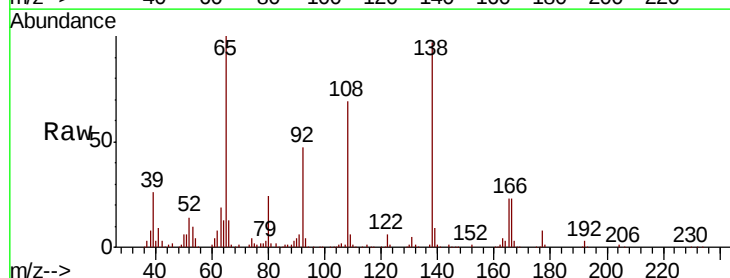


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

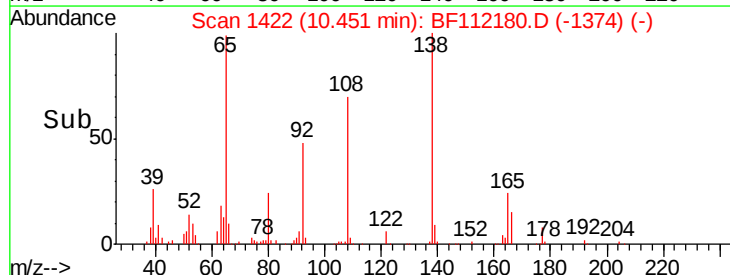
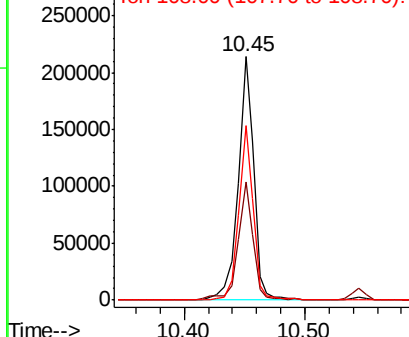


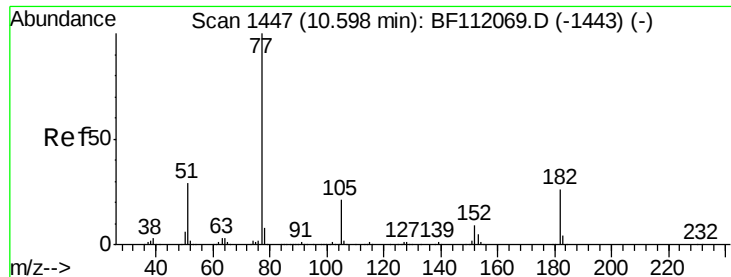
#62
 4-Nitroaniline
 Concen: 40.936 ng
 RT: 10.45 min Scan# 1422
 Delta R.T. -0.02 min
 Lab File: BF112180.D
 Acq: 22 Jan 2019 2:12

Tgt Ion: 138 Resp: 193258
 Ion Ratio Lower Upper
 138 100
 92 48.7 30.6 70.6
 108 71.8 50.0 90.0



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

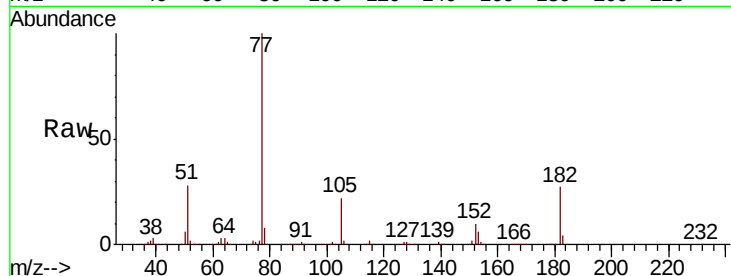




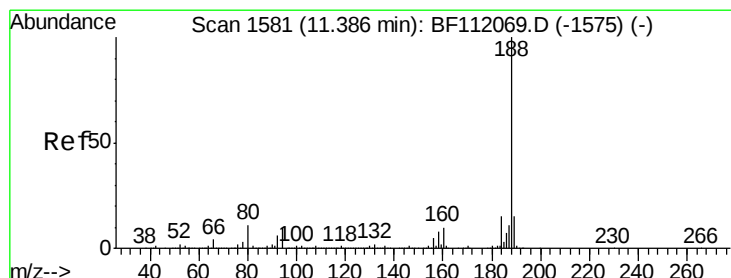
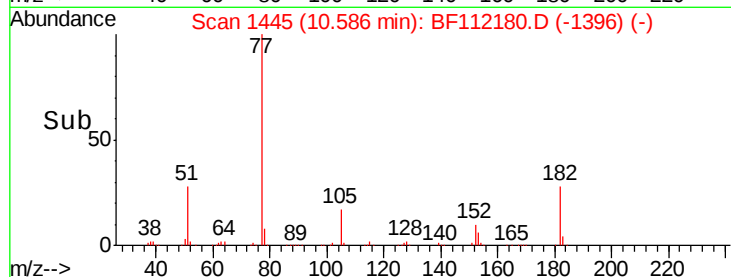
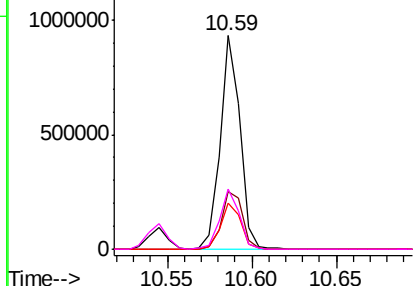
#63
Azobenzene
Concen: 38.160 ng
RT: 10.59 min Scan# 1445
Delta R.T. -0.01 min
Lab File: BF112180.D
Acq: 22 Jan 2019 2:12

Instrument :
BNA_F
ClientSampleId :
PB116516BSD

Tgt Ion:	77	Resp:	759421
Ion	Ratio	Lower	Upper
77	100		
182	26.9	5.7	45.7
105	21.9	1.4	41.4
51	28.3	9.5	49.5

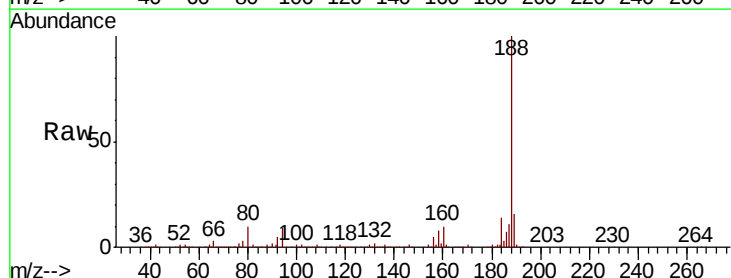


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

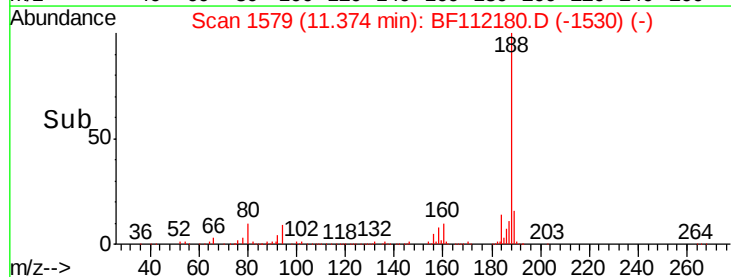
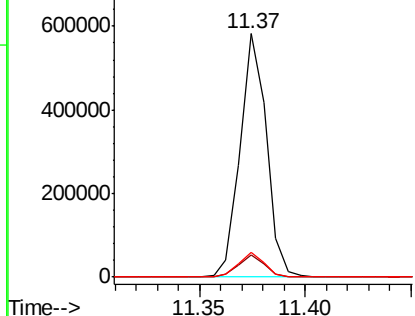


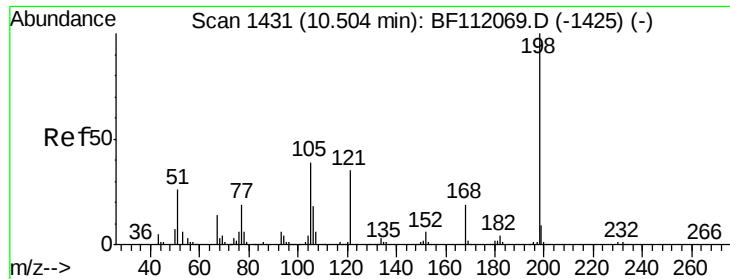
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.37 min Scan# 1579
Delta R.T. -0.01 min
Lab File: BF112180.D
Acq: 22 Jan 2019 2:12

Tgt Ion:	188	Resp:	502200
Ion	Ratio	Lower	Upper
188	100		
94	8.9	8.2	12.2
80	10.0	8.9	13.3



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

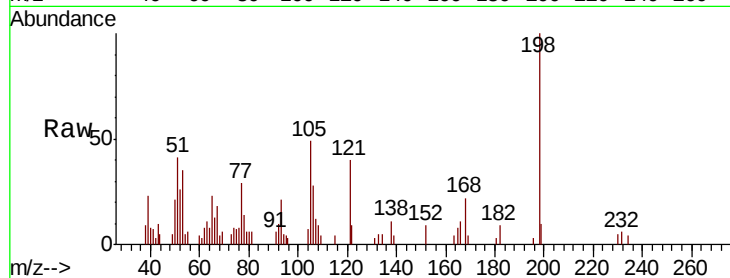




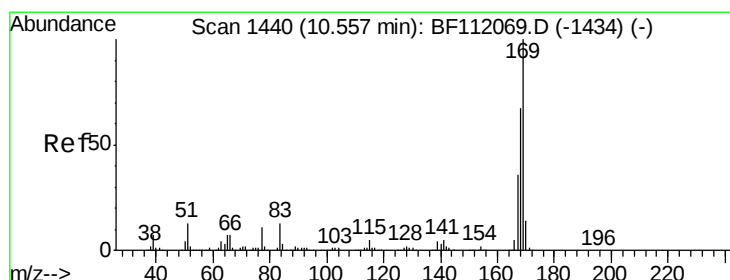
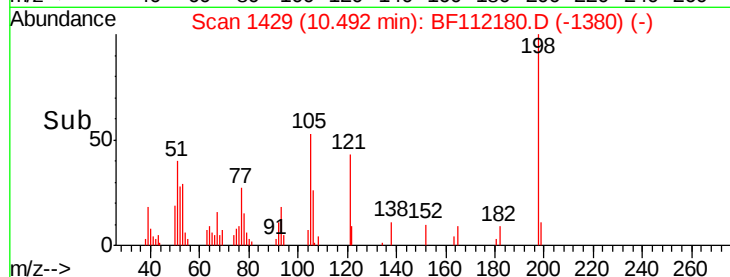
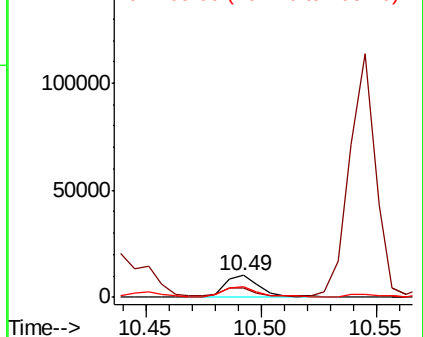
#65
4,6-Dinitro-2-methylphenol
Concen: 14.054 ng
RT: 10.49 min Scan# 1429
Delta R.T. -0.01 min
Lab File: BF112180.D
Acq: 22 Jan 2019 2:12

Instrument :
BNA_F
ClientSampleId :
PB116516BSD

Tgt Ion:198 Resp: 10561
Ion Ratio Lower Upper
198 100
51 41.4 17.2 57.2
105 49.4 21.9 61.9

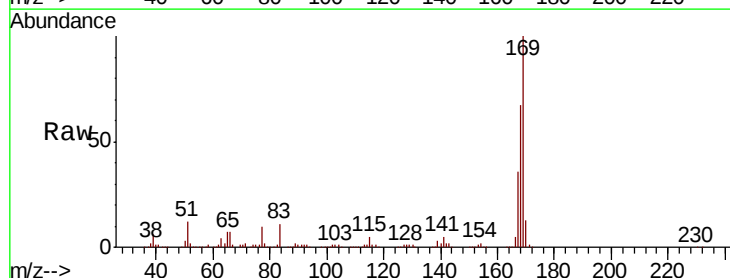


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

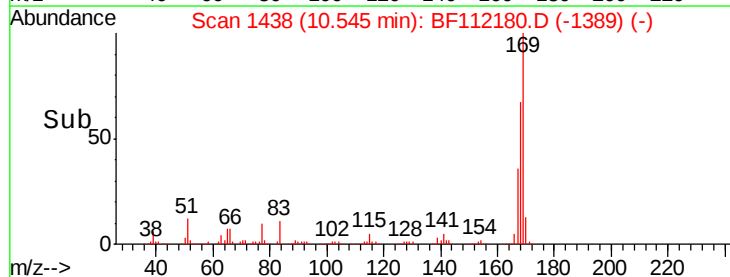
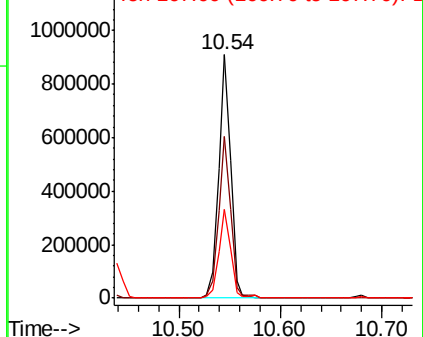


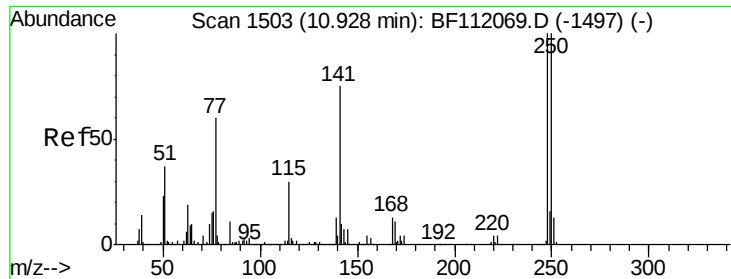
#66
n-Nitrosodiphenylamine
Concen: 44.962 ng
RT: 10.54 min Scan# 1438
Delta R.T. -0.01 min
Lab File: BF112180.D
Acq: 22 Jan 2019 2:12

Tgt Ion:169 Resp: 746473
Ion Ratio Lower Upper
169 100
168 66.5 53.9 80.9
167 36.2 28.9 43.3



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

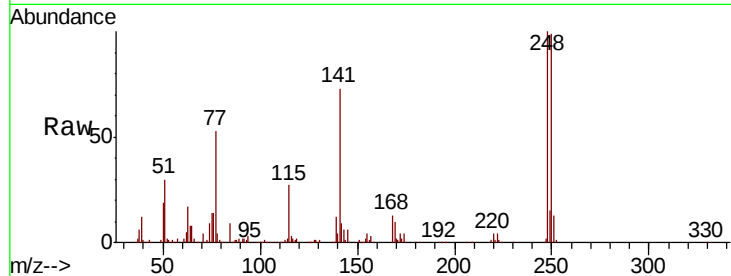




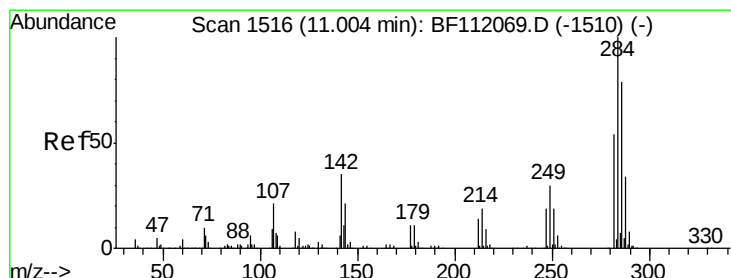
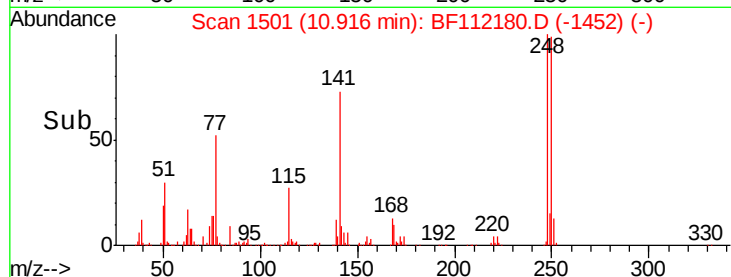
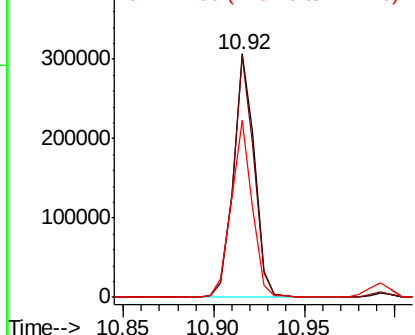
#67
4-Bromophenyl-phenylether
Concen: 42.670 ng
RT: 10.92 min Scan# 1501
Delta R.T. -0.01 min
Lab File: BF112180.D
Acq: 22 Jan 2019 2:12

Instrument :
BNA_F
ClientSampleId :
PB116516BSD

Tgt Ion:248 Resp: 248905
Ion Ratio Lower Upper
248 100
250 99.1 79.7 119.5
141 73.0 60.3 90.5

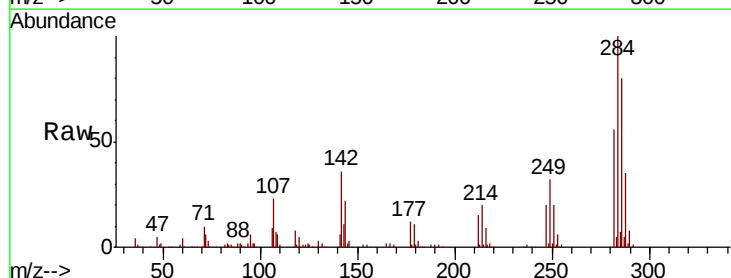


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

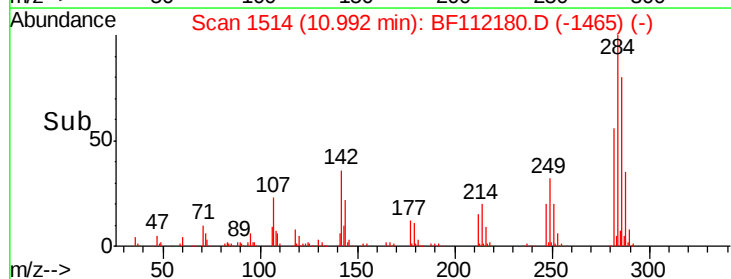
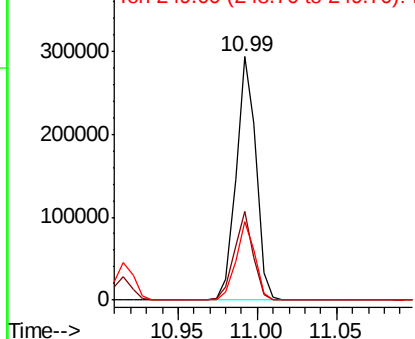


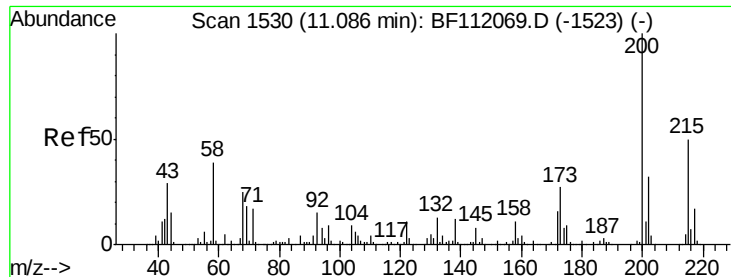
#68
Hexachlorobenzene
Concen: 40.434 ng
RT: 10.99 min Scan# 1514
Delta R.T. -0.01 min
Lab File: BF112180.D
Acq: 22 Jan 2019 2:12

Tgt Ion:284 Resp: 254073
Ion Ratio Lower Upper
284 100
142 36.4 27.6 41.4
249 32.0 24.1 36.1



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





#69

Atrazine

Concen: 45.629 ng

RT: 11.07 min Scan# 1527

Delta R.T. -0.01 min

Lab File: BF112180.D

Acq: 22 Jan 2019 2:12

Instrument :

BNA_F

ClientSampleId :

PB116516BSD

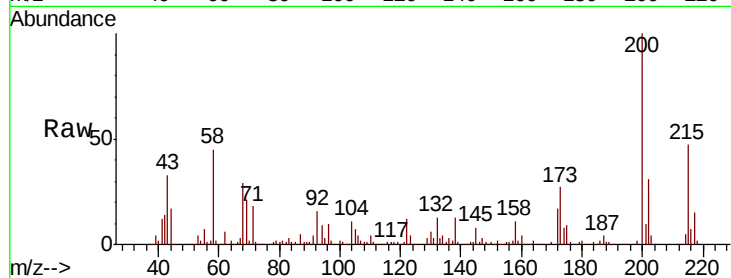
Tgt Ion:200 Resp: 244454

Ion Ratio Lower Upper

200 100

173 27.2 7.1 47.1

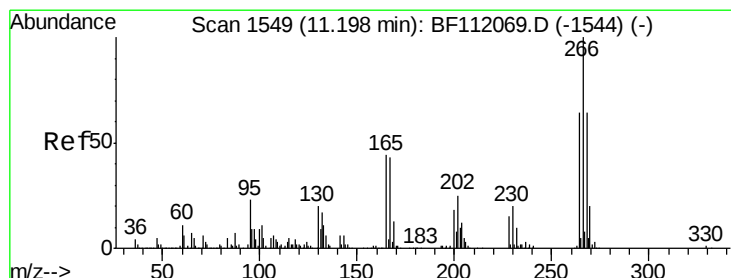
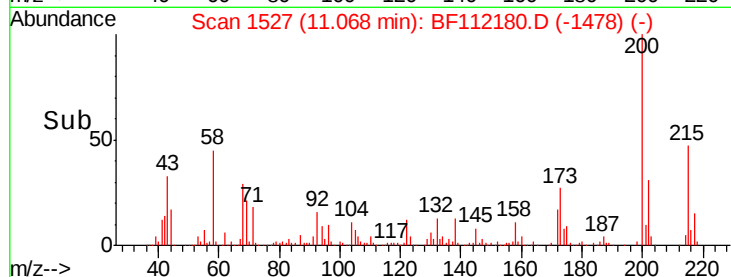
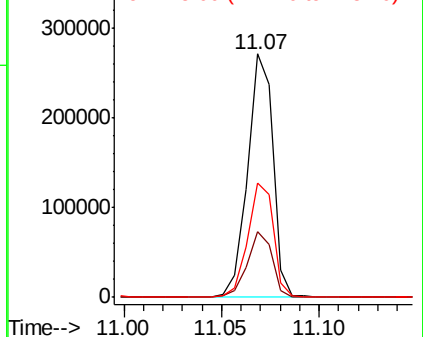
215 47.2 30.4 70.4



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 75.720 ng

RT: 11.19 min Scan# 1547

Delta R.T. -0.01 min

Lab File: BF112180.D

Acq: 22 Jan 2019 2:12

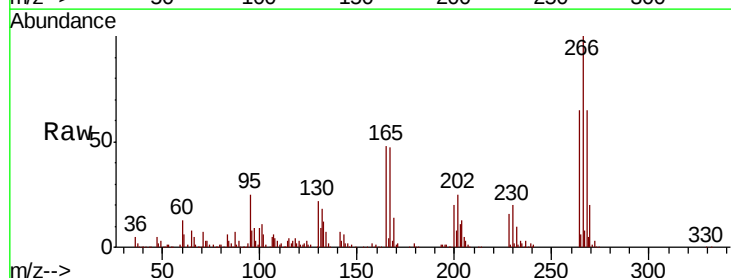
Tgt Ion:266 Resp: 227698

Ion Ratio Lower Upper

266 100

268 64.6 51.2 76.8

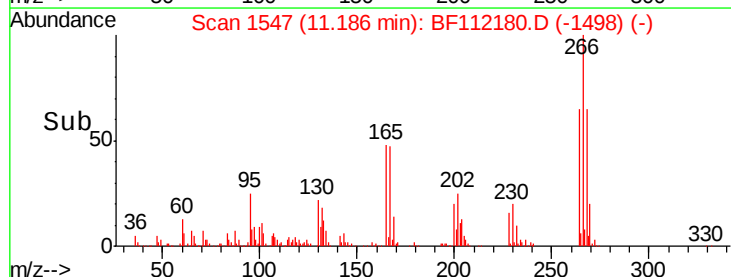
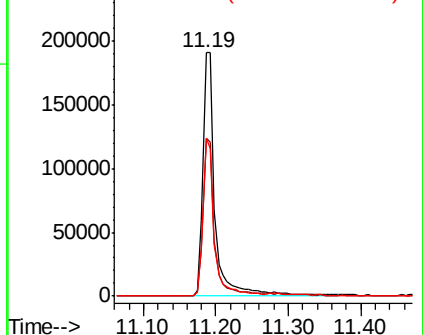
264 64.6 50.9 76.3

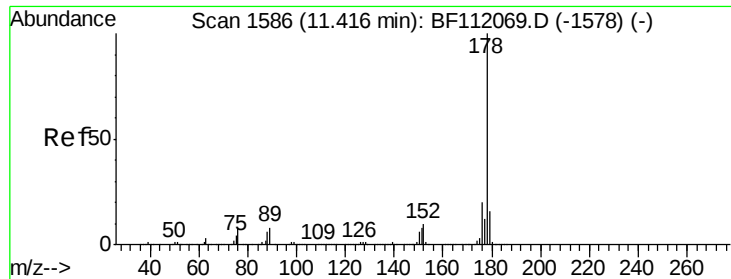


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 45.665 ng

RT: 11.40 min Scan# 1584

Delta R.T. -0.01 min

Lab File: BF112180.D

Acq: 22 Jan 2019 2:12

Instrument :

BNA_F

ClientSampleId :

PB116516BSD

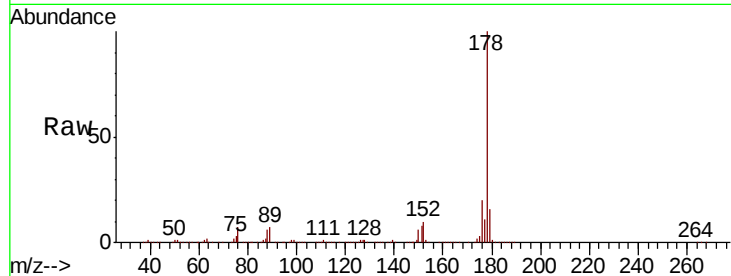
Tgt Ion:178 Resp: 1154126

Ion Ratio Lower Upper

178 100

176 19.6 16.3 24.5

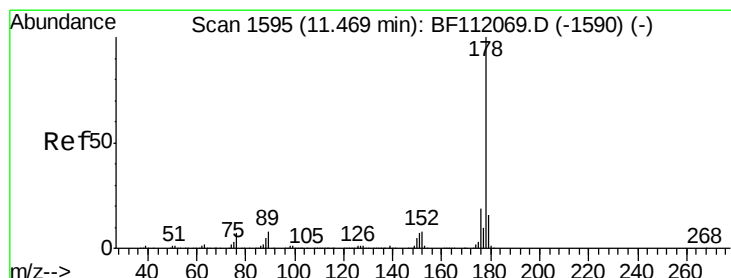
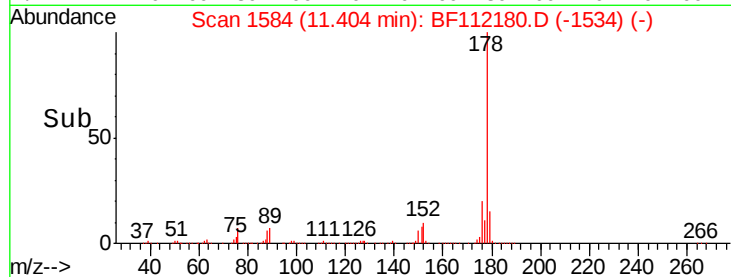
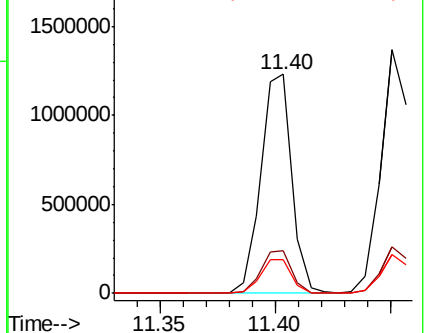
179 15.6 13.0 19.4



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 46.795 ng

RT: 11.45 min Scan# 1592

Delta R.T. -0.01 min

Lab File: BF112180.D

Acq: 22 Jan 2019 2:12

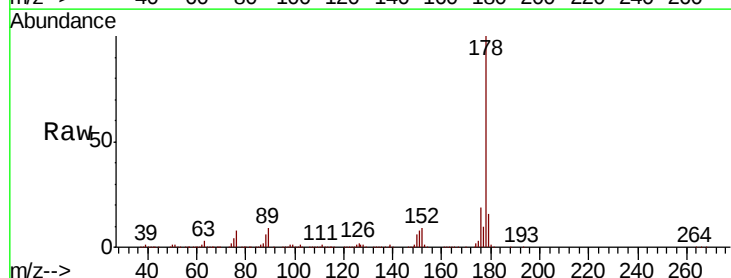
Tgt Ion:178 Resp: 1198055

Ion Ratio Lower Upper

178 100

176 18.9 15.5 23.3

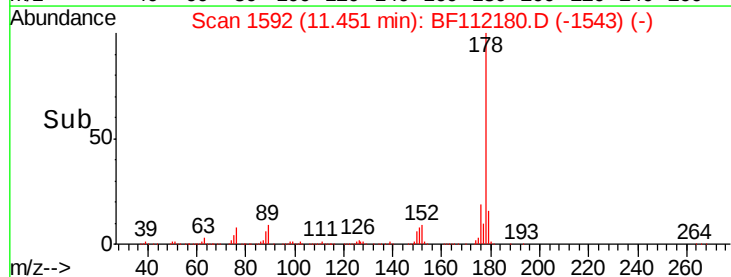
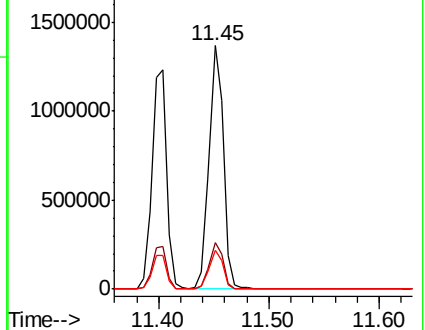
179 16.0 12.8 19.2

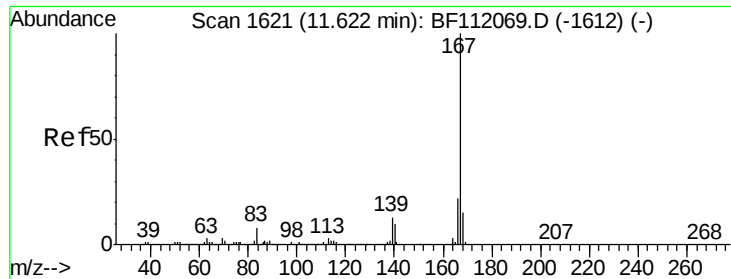


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

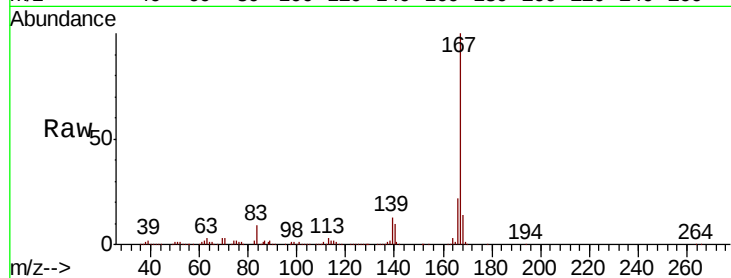




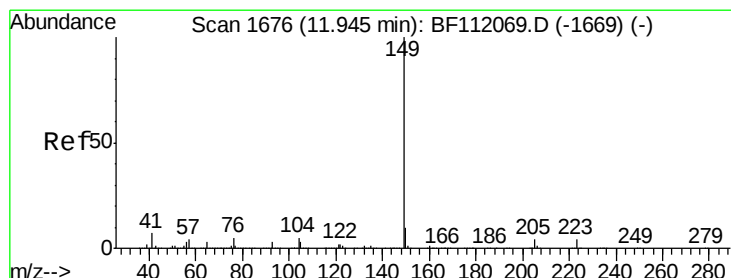
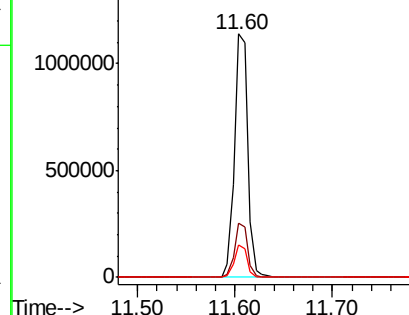
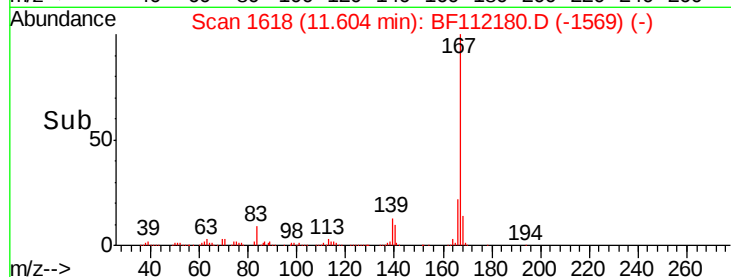
#73
 Carbazole
 Concen: 42.273 ng
 RT: 11.60 min Scan# 1618
 Delta R.T. -0.01 min
 Lab File: BF112180.D
 Acq: 22 Jan 2019 2:12

Instrument :
 BNA_F
 ClientSampleId :
 PB116516BSD

Tgt Ion:167 Resp: 1084174
 Ion Ratio Lower Upper
 167 100
 166 22.1 17.9 26.9
 139 13.2 10.2 15.2

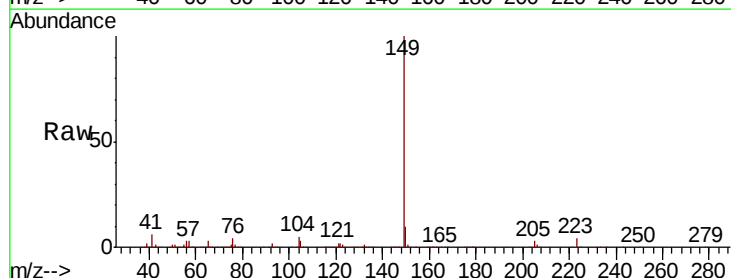


Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E

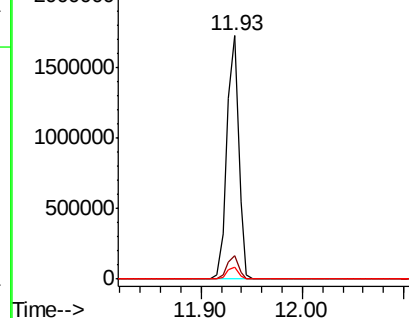
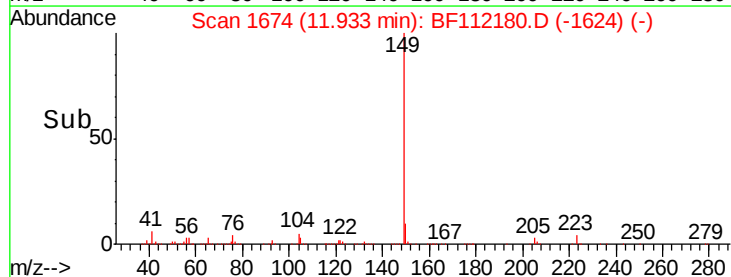


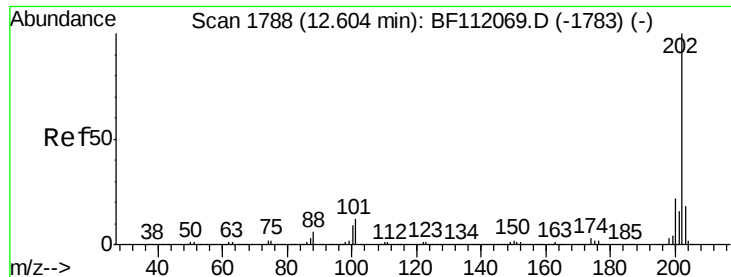
#74
 Di-n-butylphthalate
 Concen: 48.216 ng
 RT: 11.93 min Scan# 1674
 Delta R.T. -0.01 min
 Lab File: BF112180.D
 Acq: 22 Jan 2019 2:12

Tgt Ion:149 Resp: 1390989
 Ion Ratio Lower Upper
 149 100
 150 9.6 8.1 12.1
 104 4.7 3.9 5.9



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 104.00 (103.70 to 104.70): E

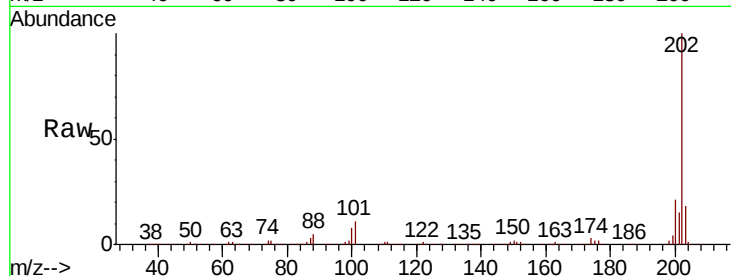




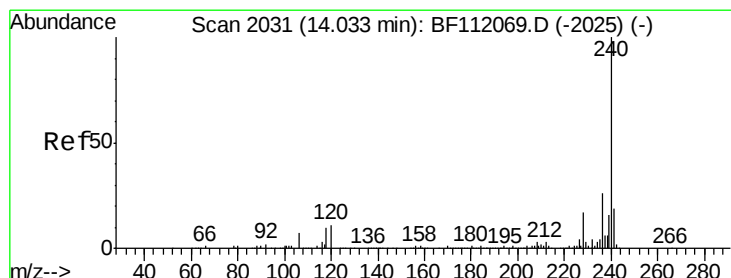
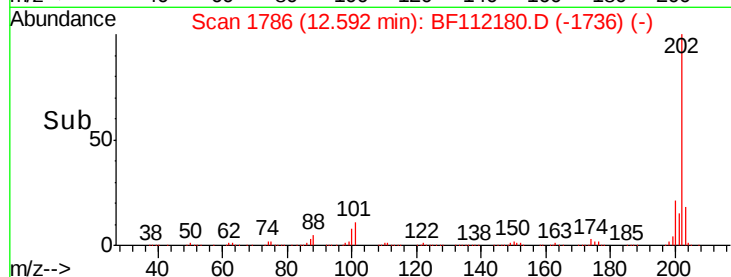
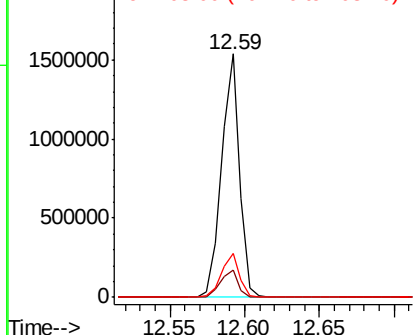
#75
 Fluoranthene
 Concen: 49.029 ng
 RT: 12.59 min Scan# 1786
 Delta R.T. -0.01 min
 Lab File: BF112180.D
 Acq: 22 Jan 2019 2:12

Instrument :
 BNA_F
 ClientSampleId :
 PB116516BSD

Tgt Ion: 202 Resp: 1308325
 Ion Ratio Lower Upper
 202 100
 101 11.2 0.0 31.8
 203 18.1 0.0 38.4

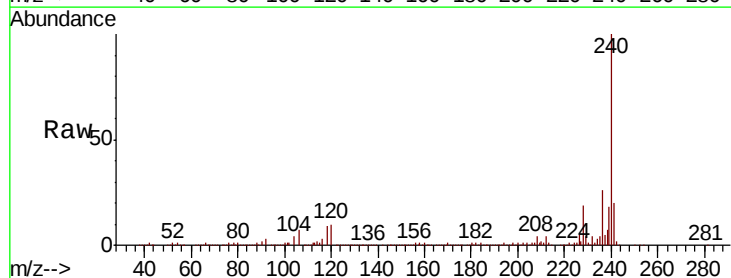


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E

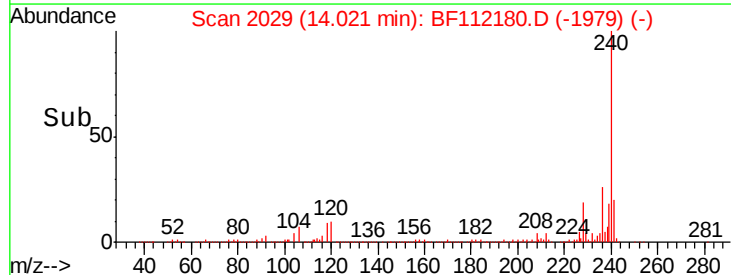
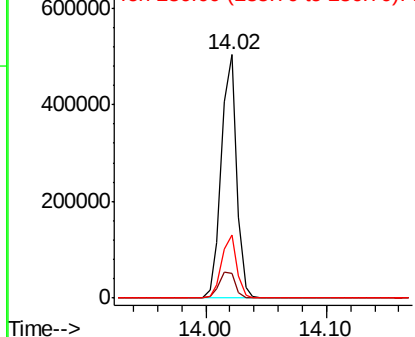


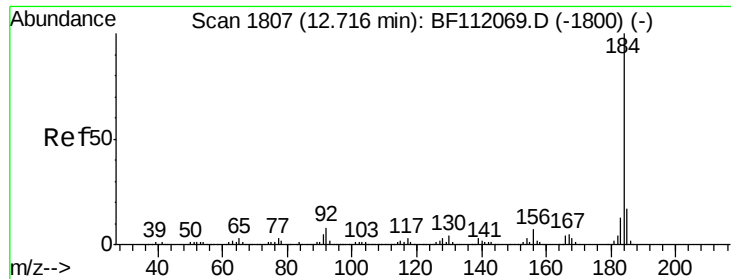
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.02 min Scan# 2029
 Delta R.T. -0.01 min
 Lab File: BF112180.D
 Acq: 22 Jan 2019 2:12

Tgt Ion: 240 Resp: 437415
 Ion Ratio Lower Upper
 240 100
 120 10.3 9.0 13.6
 236 26.0 20.7 31.1



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

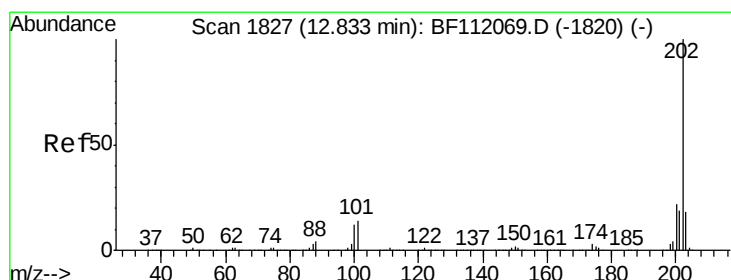
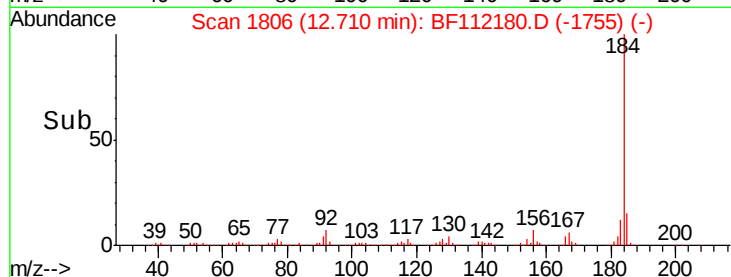
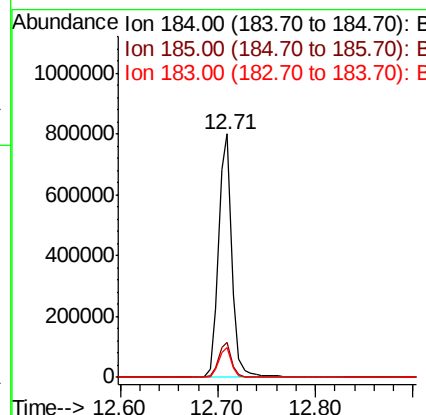
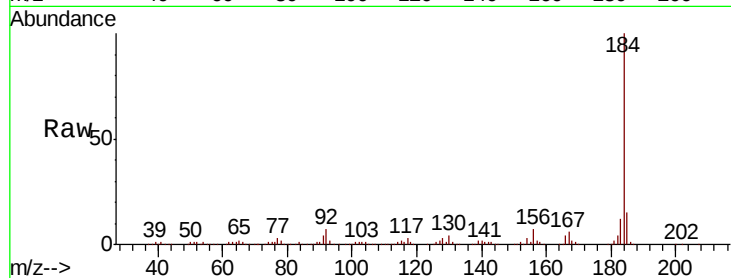




#77
Benzidine
Concen: 51.953 ng
RT: 12.71 min Scan# 1806
Delta R.T. -0.00 min
Lab File: BF112180.D
Acq: 22 Jan 2019 2:12

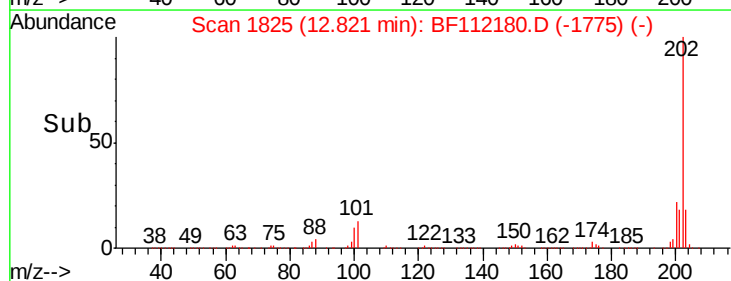
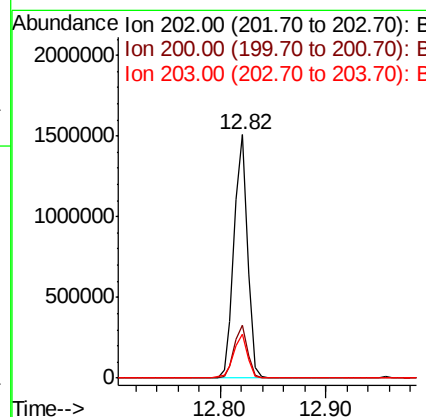
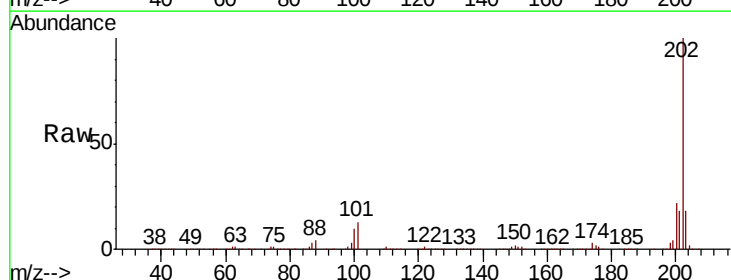
Instrument :
BNA_F
ClientSampleId :
PB116516BSD

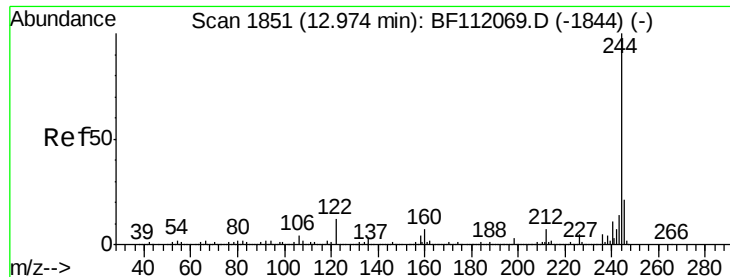
Tgt Ion:184 Resp: 758219
Ion Ratio Lower Upper
184 100
185 14.6 13.9 20.9
183 12.5 10.0 15.0



#78
Pyrene
Concen: 46.232 ng
RT: 12.82 min Scan# 1825
Delta R.T. -0.01 min
Lab File: BF112180.D
Acq: 22 Jan 2019 2:12

Tgt Ion:202 Resp: 1334201
Ion Ratio Lower Upper
202 100
200 21.6 17.7 26.5
203 18.0 14.6 22.0





#79

Terphenyl-d14

Concen: 83.049 ng

RT: 12.96 min Scan# 1848

Delta R.T. -0.01 min

Lab File: BF112180.D

Acq: 22 Jan 2019 2:12

Instrument :

BNA_F

ClientSampleId :

PB116516BSD

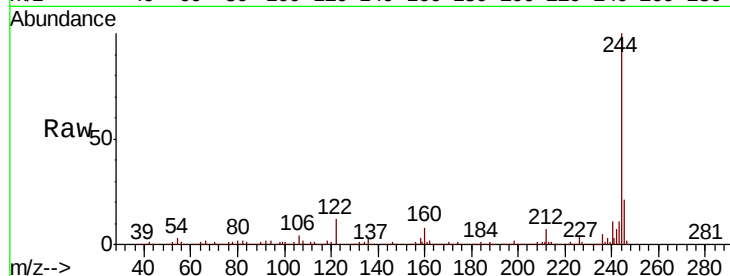
Tgt Ion:244 Resp: 1707601

Ion Ratio Lower Upper

244 100

212 7.1 5.9 8.9

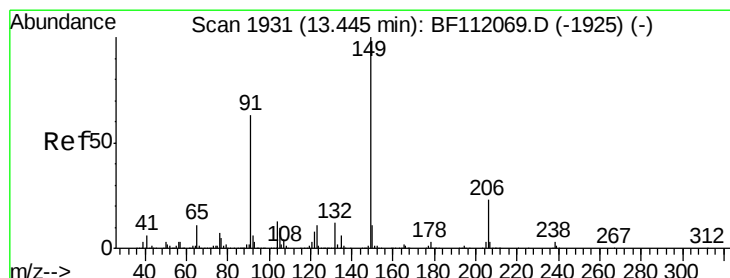
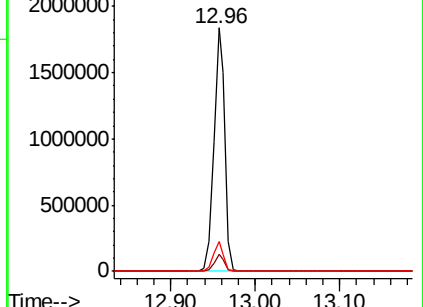
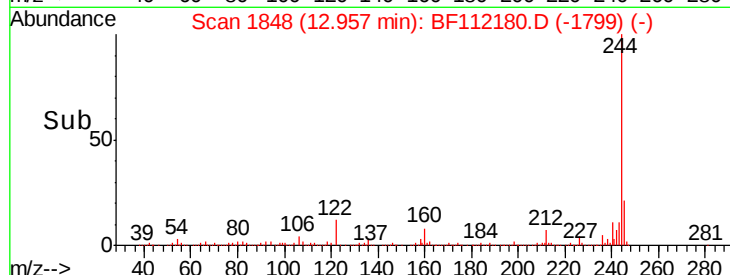
122 12.5 9.8 14.6



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 51.029 ng

RT: 13.43 min Scan# 1928

Delta R.T. -0.01 min

Lab File: BF112180.D

Acq: 22 Jan 2019 2:12

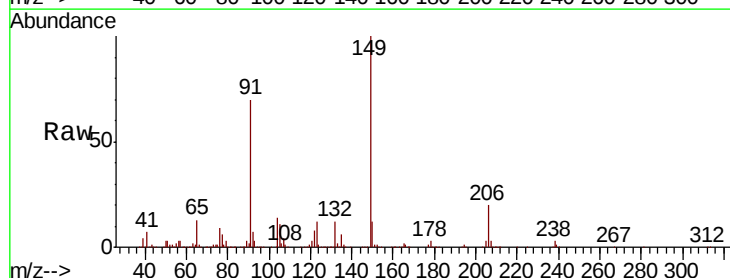
Tgt Ion:149 Resp: 646046

Ion Ratio Lower Upper

149 100

91 70.2 50.3 75.5

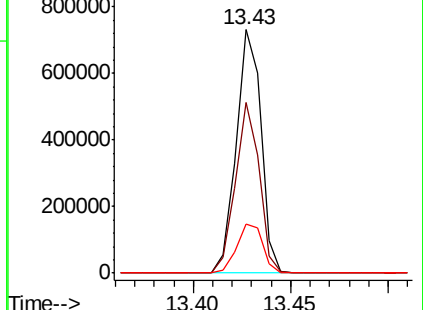
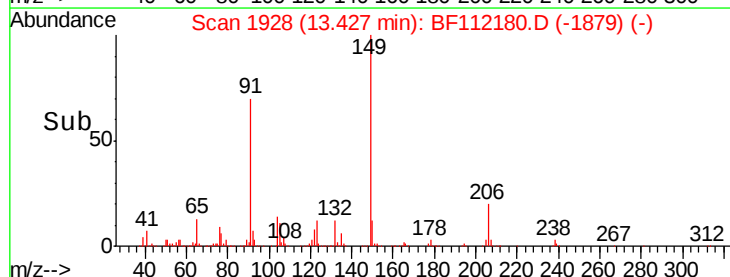
206 20.4 18.2 27.4

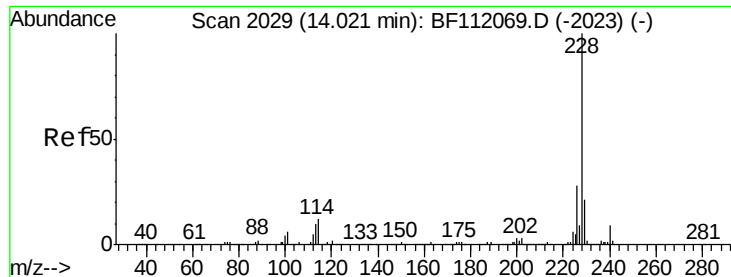


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 46.476 ng

RT: 14.01 min Scan# 2027

Delta R.T. -0.01 min

Lab File: BF112180.D

Acq: 22 Jan 2019 2:12

Instrument :

BNA_F

ClientSampleId :

PB116516BSD

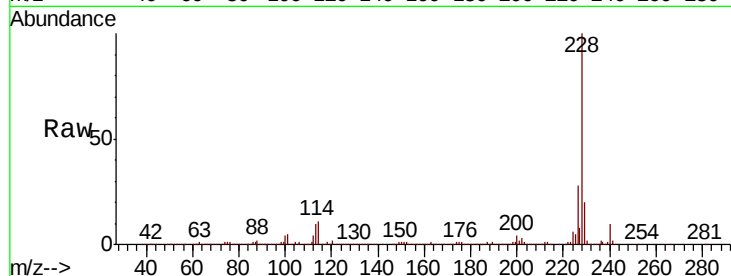
Tgt Ion:228 Resp: 1165626

Ion Ratio Lower Upper

228 100

226 27.7 22.6 34.0

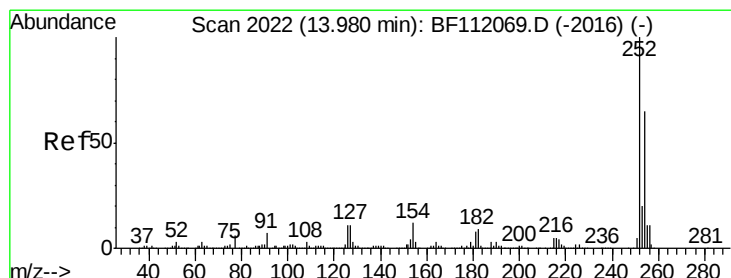
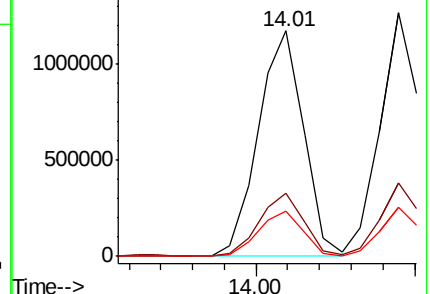
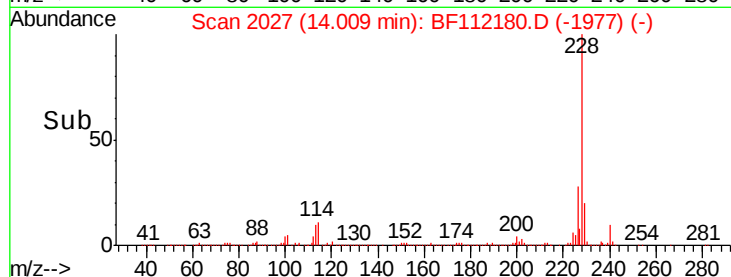
229 20.0 16.5 24.7



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: 43.386 ng

RT: 13.97 min Scan# 2020

Delta R.T. -0.01 min

Lab File: BF112180.D

Acq: 22 Jan 2019 2:12

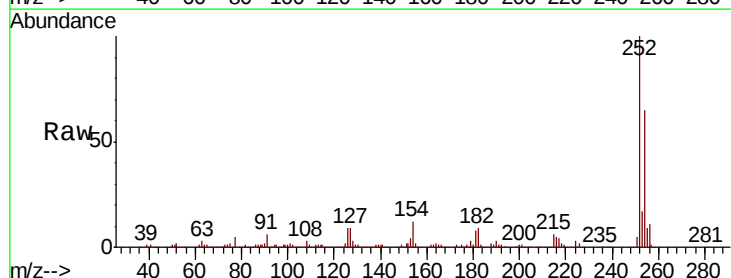
Tgt Ion:252 Resp: 407502

Ion Ratio Lower Upper

252 100

254 65.1 51.6 77.4

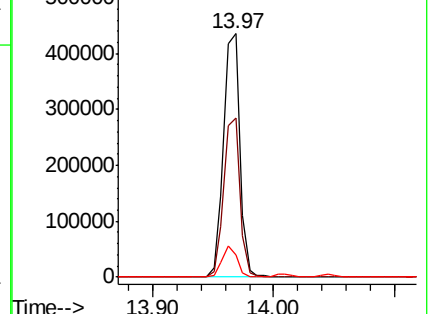
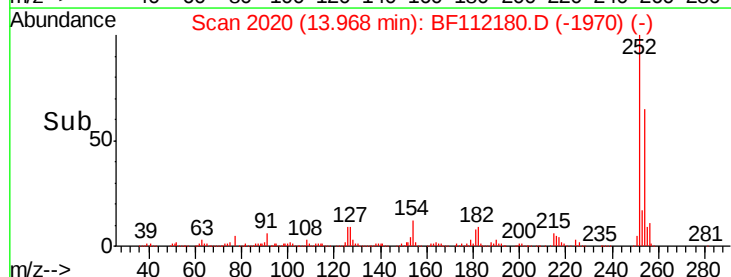
126 9.2 8.6 12.8

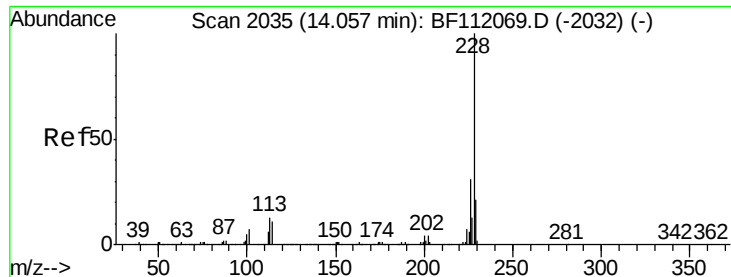


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 45.487 ng

RT: 14.04 min Scan# 2033

Delta R.T. -0.01 min

Lab File: BF112180.D

Acq: 22 Jan 2019 2:12

Instrument :

BNA_F

ClientSampleId :

PB116516BSD

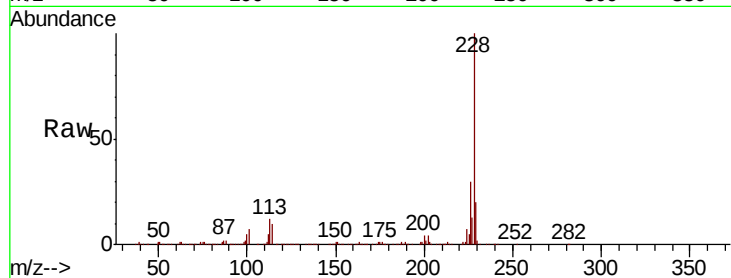
Tgt Ion:228 Resp: 1079481

Ion Ratio Lower Upper

228 100

226 30.3 25.0 37.6

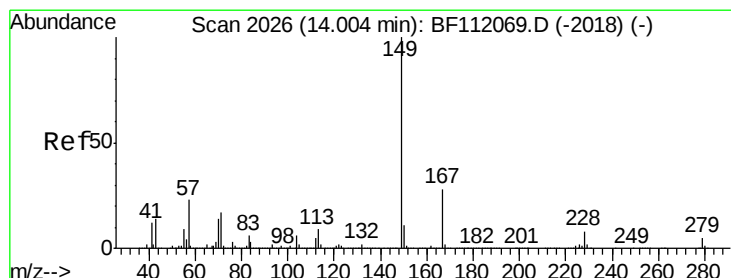
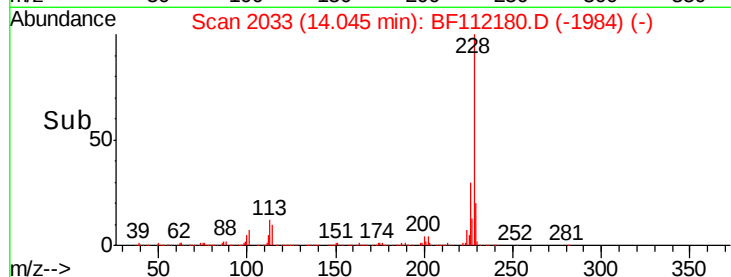
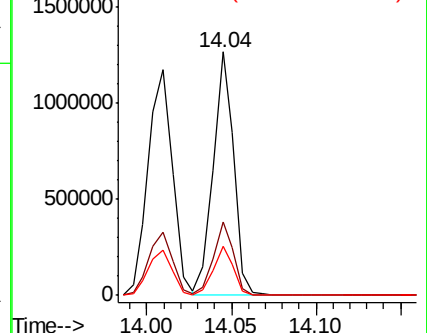
229 20.2 16.6 24.8



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 52.726 ng

RT: 13.99 min Scan# 2024

Delta R.T. -0.01 min

Lab File: BF112180.D

Acq: 22 Jan 2019 2:12

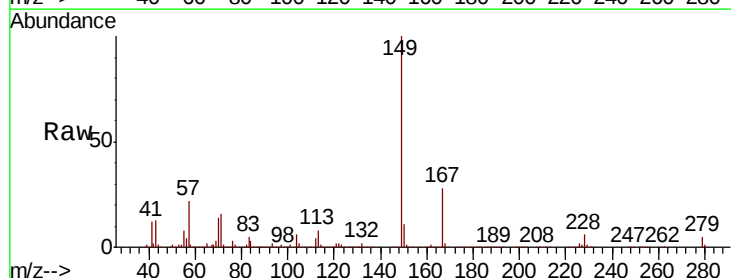
Tgt Ion:149 Resp: 956695

Ion Ratio Lower Upper

149 100

167 27.8 22.5 33.7

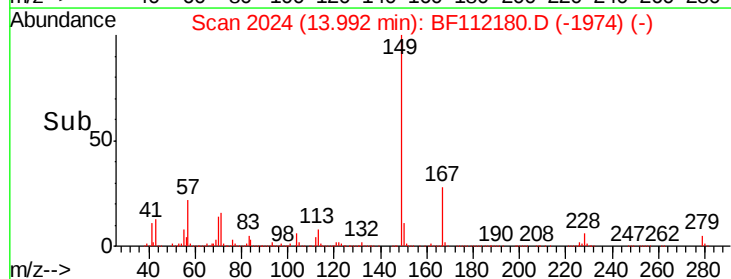
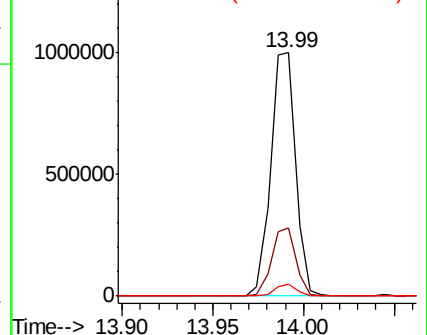
279 4.7 3.8 5.6

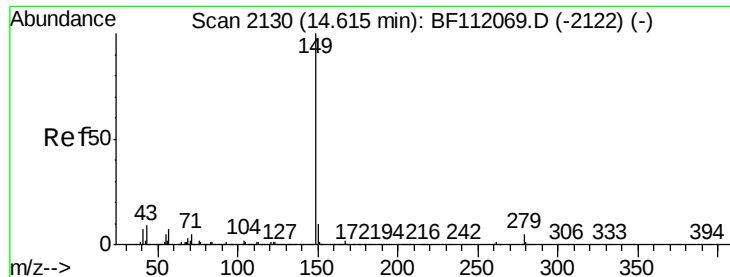


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 55.693 ng

RT: 14.60 min Scan# 2127

Delta R.T. -0.01 min

Lab File: BF112180.D

Acq: 22 Jan 2019 2:12

Instrument :

BNA_F

ClientSampleId :

PB116516BSD

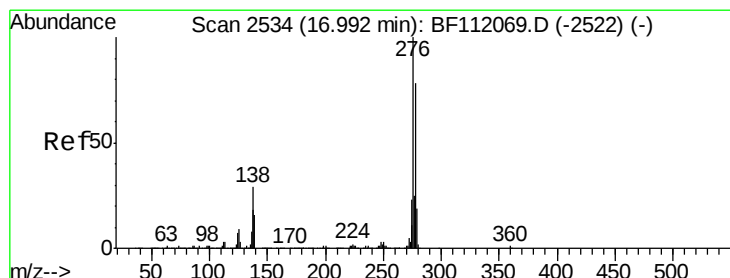
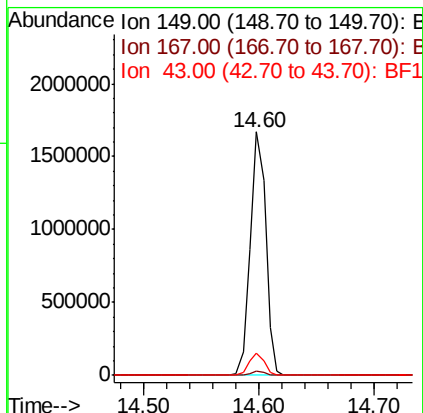
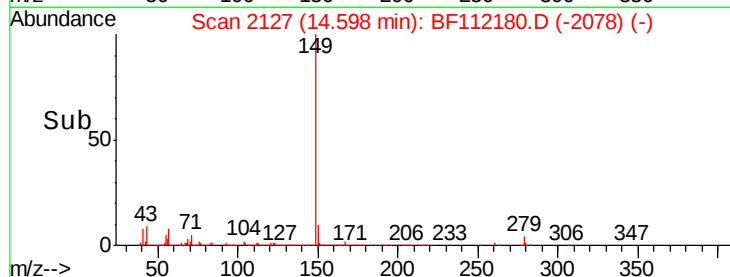
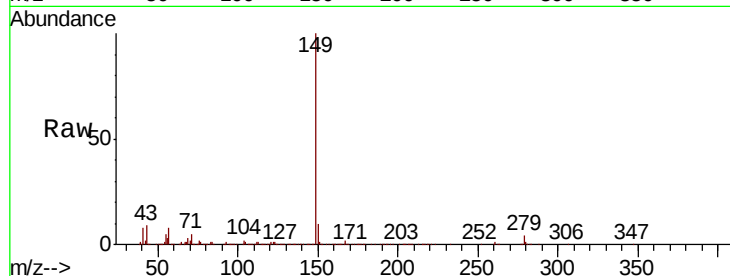
Tgt Ion:149 Resp: 1556996

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 8.8 7.8 11.6



#86

Indeno(1,2,3-cd)pyrene

Concen: 37.905 ng

RT: 16.97 min Scan# 2530

Delta R.T. -0.02 min

Lab File: BF112180.D

Acq: 22 Jan 2019 2:12

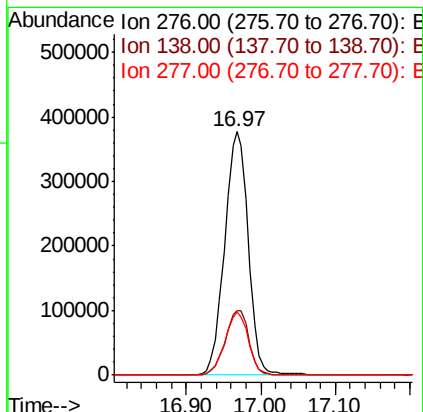
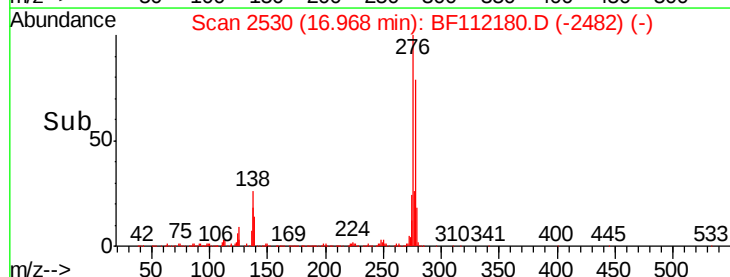
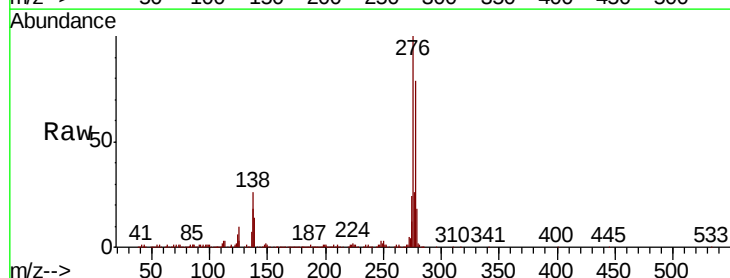
Tgt Ion:276 Resp: 829889

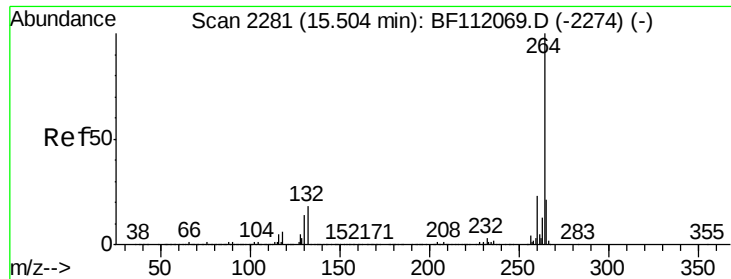
Ion Ratio Lower Upper

276 100

138 26.8 22.6 34.0

277 25.7 20.3 30.5



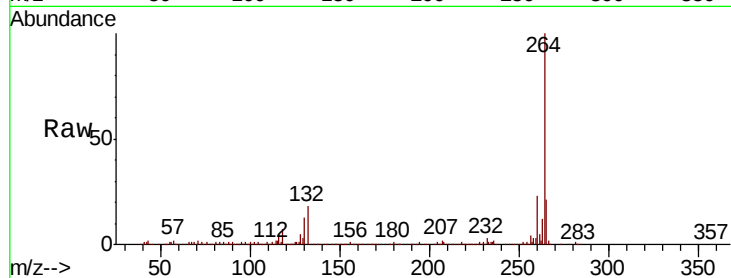


#87
Perylene-d12
Concen: 20.000 ng
RT: 15.49 min Scan# 2278
Delta R.T. -0.01 min
Lab File: BF112180.D
Acq: 22 Jan 2019 2:12

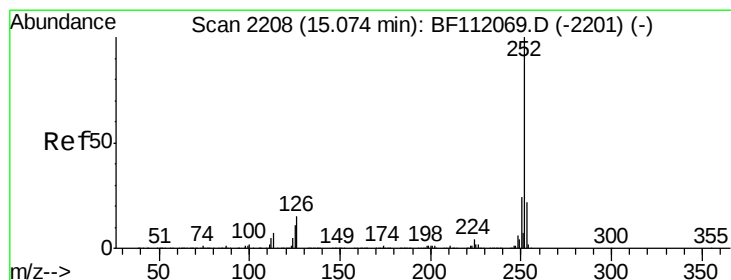
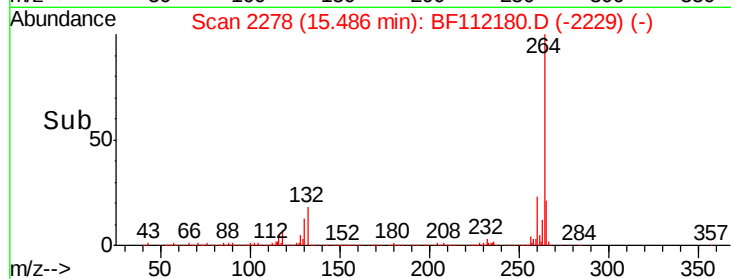
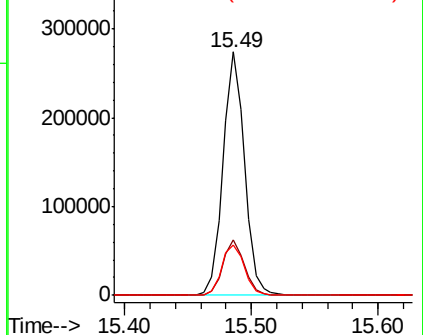
Instrument :
BNA_F
ClientSampleId :
PB116516BSD

Tgt Ion: 264 Resp: 322438

Ion	Ratio	Lower	Upper
264	100		
260	23.0	18.2	27.2
265	20.9	17.0	25.4



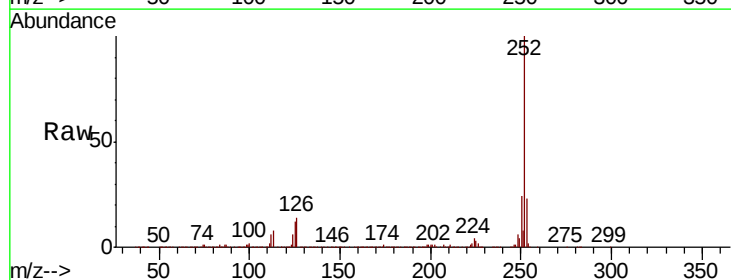
Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E



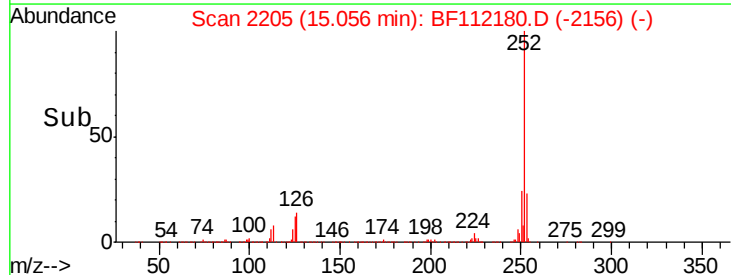
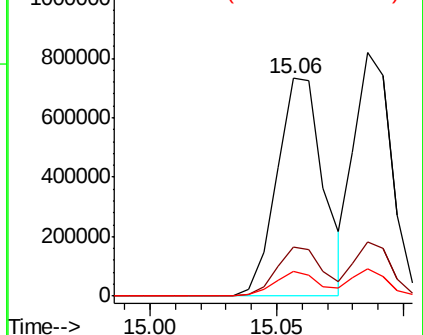
#88
Benzo(b)fluoranthene
Concen: 51.041 ng
RT: 15.06 min Scan# 2205
Delta R.T. -0.01 min
Lab File: BF112180.D
Acq: 22 Jan 2019 2:12

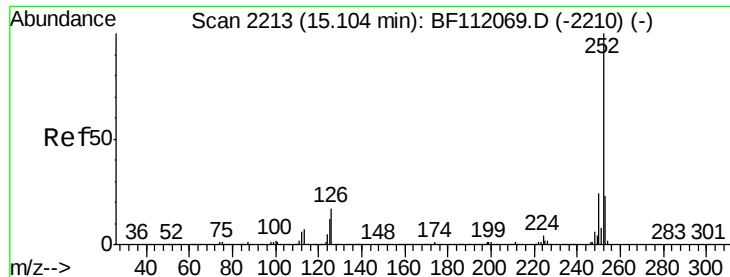
Tgt Ion: 252 Resp: 934198

Ion	Ratio	Lower	Upper
252	100		
253	22.7	18.0	27.0
125	11.6	8.7	13.1



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

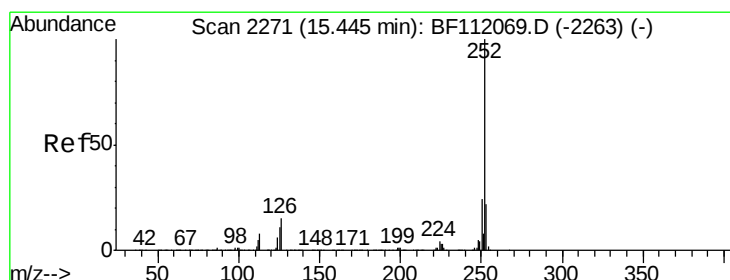
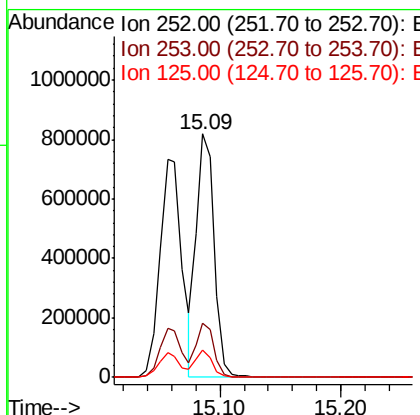
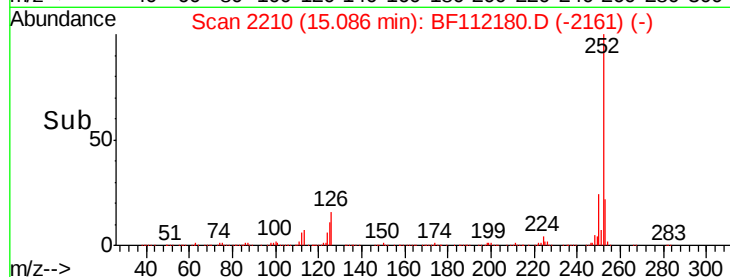
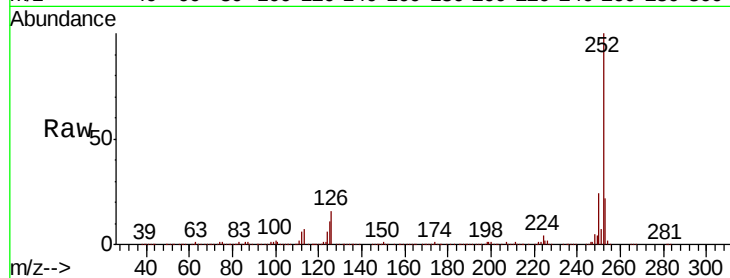




#89
Benzo(k)fluoranthene
Concen: 47.812 ng
RT: 15.09 min Scan# 2210
Delta R.T. -0.01 min
Lab File: BF112180.D
Acq: 22 Jan 2019 2:12

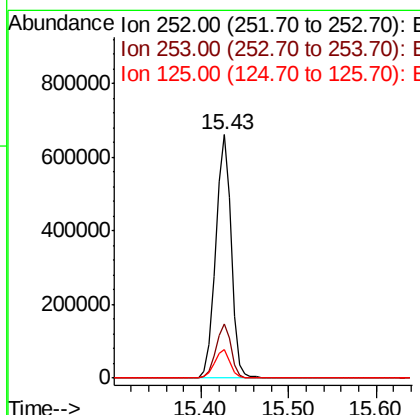
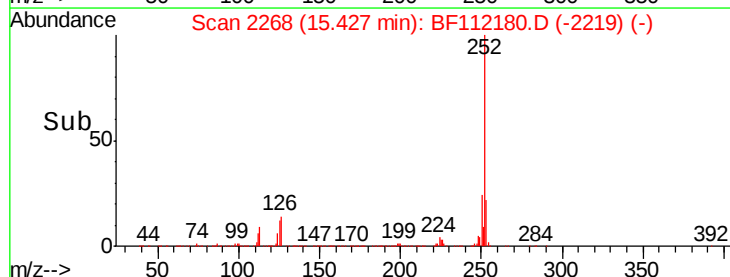
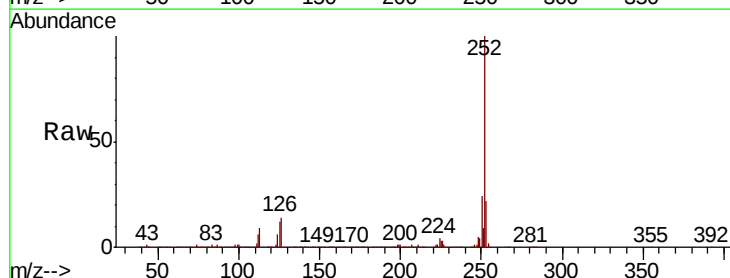
Instrument :
BNA_F
ClientSampleId :
PB116516BSD

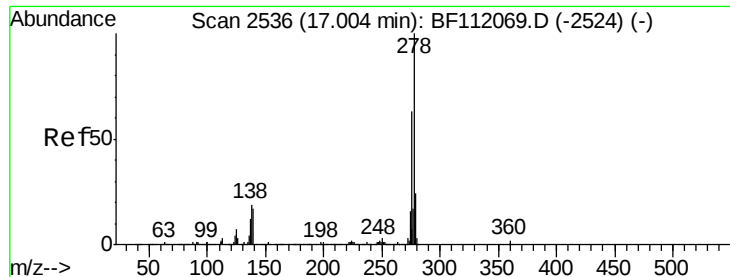
Tgt Ion:252 Resp: 846977
Ion Ratio Lower Upper
252 100
253 22.3 18.0 27.0
125 11.2 9.1 13.7



#90
Benzo(a)pyrene
Concen: 48.648 ng
RT: 15.43 min Scan# 2268
Delta R.T. -0.01 min
Lab File: BF112180.D
Acq: 22 Jan 2019 2:12

Tgt Ion:252 Resp: 816552
Ion Ratio Lower Upper
252 100
253 22.0 17.5 26.3
125 11.8 9.0 13.4





#91

Dibenzo(a,h)anthracene

Concen: 47.097 ng

RT: 16.98 min Scan# 2532

Delta R.T. -0.02 min

Lab File: BF112180.D

Acq: 22 Jan 2019 2:12

Instrument :

BNA_F

ClientSampleId :

PB116516BSD

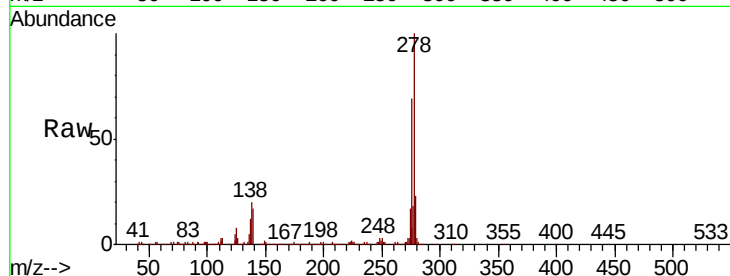
Tgt Ion:278 Resp: 702118

Ion Ratio Lower Upper

278 100

139 16.5 13.7 20.5

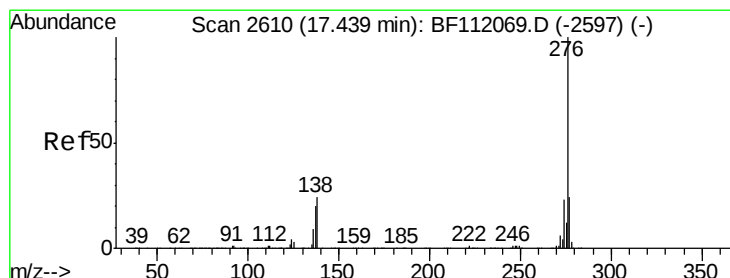
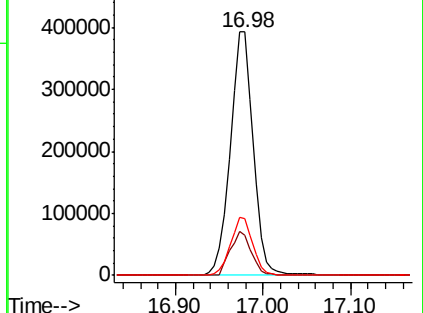
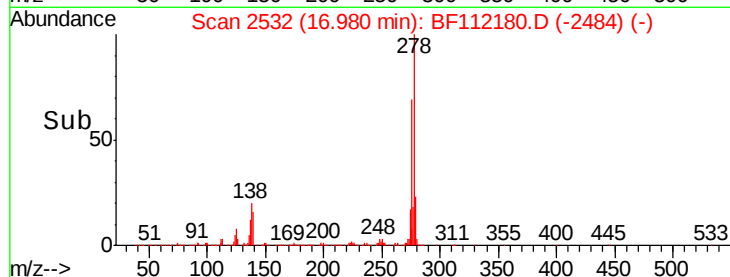
279 23.5 19.0 28.6



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 46.306 ng

RT: 17.42 min Scan# 2606

Delta R.T. -0.01 min

Lab File: BF112180.D

Acq: 22 Jan 2019 2:12

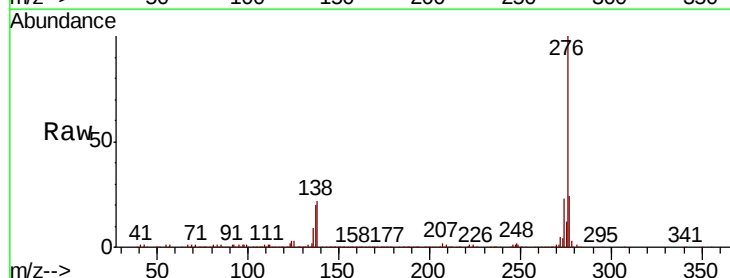
Tgt Ion:276 Resp: 680090

Ion Ratio Lower Upper

276 100

277 23.6 19.4 29.0

138 22.0 19.1 28.7



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

