

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012119\
 Data File : BF112179.D
 Acq On : 22 Jan 2019 1:44
 Operator : JU/SJ
 Sample : PB116516BS
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB116516BS

Quant Time: Jan 22 02:41:26 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	230838	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	800117	20.00	ng	0.00
39) Acenaphthene-d10	9.89	164	315048	20.00	ng	0.00
64) Phenanthrene-d10	11.37	188	542158	20.00	ng	-0.01
76) Chrysene-d12	14.02	240	474388	20.00	ng	0.00
87) Perylene-d12	15.49	264	343926	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.49	112	825050	64.87	ng	0.00
7) Phenol-d6	6.50	99	999676	62.82	ng	0.00
23) Nitrobenzene-d5	7.42	82	873431	75.42	ng	-0.01
42) 2,4,6-Tribromophenol	10.68	330	213436	62.80	ng	-0.01
45) 2-Fluorobiphenyl	9.21	172	1655720	77.05	ng	0.00
79) Terphenyl-d14	12.96	244	1435230	64.36	ng	-0.01

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.69	88	155032	25.991	ng	95
3) Pyridine	3.43	79	414932	27.774	ng	99
4) n-Nitrosodimethylamine	3.38	42	196137	32.335	ng	99
6) Aniline	6.51	93	242764	12.544	ng	# 1
8) 2-Chlorophenol	6.65	128	465866	31.540	ng	99
9) Benzaldehyde	6.40	77	116246	10.037	ng	98
10) Phenol	6.51	94	520597	29.936	ng	85
11) bis(2-Chloroethyl)ether	6.58	93	425815	30.795	ng	98
12) 1,3-Dichlorobenzene	6.79	146	518598	30.765	ng	100
13) 1,4-Dichlorobenzene	6.87	146	525234	30.462	ng	99
14) 1,2-Dichlorobenzene	7.02	146	494142	31.112	ng	95
15) Benzyl Alcohol	6.99	79	362498	30.577	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.13	45	540608	27.112	ng	96
17) 2-Methylphenol	7.12	107	351580	31.695	ng	95
18) Hexachloroethane	7.36	117	153628	26.695	ng	99
19) n-Nitroso-di-n-propylamine	7.26	70	303393	31.298	ng	95
20) 3+4-Methylphenols	7.27	107	448296	33.331	ng	# 65
22) Acetophenone	7.26	105	598854	32.307	ng	# 96
24) Nitrobenzene	7.43	77	433613	35.329	ng	96
25) Isophorone	7.67	82	785562	35.118	ng	100
26) 2-Nitrophenol	7.75	139	194776	32.921	ng	99
27) 2,4-Dimethylphenol	7.79	122	368304	35.471	ng	94
28) bis(2-Chloroethoxy)methane	7.88	93	510258	33.254	ng	99
29) 2,4-Dichlorophenol	8.00	162	358286	31.587	ng	99
30) 1,2,4-Trichlorobenzene	8.08	180	415633	31.575	ng	99
31) Naphthalene	8.16	128	1234913	33.934	ng	99
32) Benzoic acid	7.90	122	97643	26.910	ng	97
33) 4-Chloroaniline	8.20	127	167838	10.262	ng	99
34) Hexachlorobutadiene	8.27	225	236190	32.242	ng	99
35) Caprolactam	8.56	113	99466	25.055	ng	96
36) 4-Chloro-3-methylphenol	8.69	107	323219	29.175	ng	97
37) 2-Methylnaphthalene	8.85	142	818821	33.135	ng	100
38) 1-Methylnaphthalene	8.95	142	760615	32.027	ng	98
40) 1,2,4,5-Tetrachlorobenzene	9.02	216	363131	35.895	ng	99

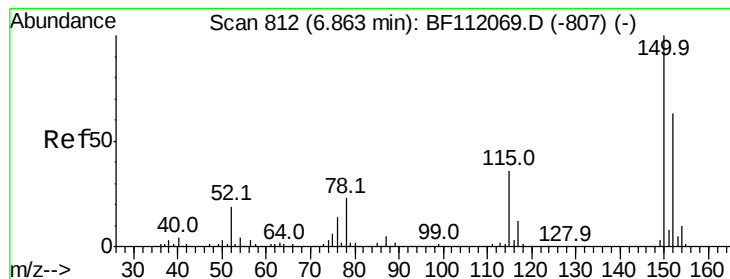
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012119\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.00	237	23944	13.201	nq	97
43) 2,4,6-Trichlorophenol	9.13	196	217600	35.955	nq	99
44) 2,4,5-Trichlorophenol	9.17	196	221839	34.417	nq	97
46) 1,1'-Biphenyl	9.31	154	952886	36.172	nq	98
47) 2-Chloronaphthalene	9.34	162	700827	33.987	nq	99
48) 2-Nitroaniline	9.43	65	189471	40.793	nq	87
49) Acenaphthylene	9.75	152	1056419	35.107	nq	98
50) Dimethylphthalate	9.60	163	858126	37.349	nq	99
51) 2,6-Dinitrotoluene	9.67	165	157529	34.332	nq #	87
52) Acenaphthene	9.92	154	601071	32.647	nq	98
53) 3-Nitroaniline	9.84	138	146071	28.468	nq	95
54) 2,4-Dinitrophenol	9.96	184	7026	15.136	nq #	86
55) Dibenzofuran	10.09	168	907763	32.603	nq	97
56) 4-Nitrophenol	10.02	139	197964	55.821	nq	98
57) 2,4-Dinitrotoluene	10.07	165	184596	32.931	nq	92
58) Fluorene	10.44	166	692900	33.308	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.22	232	163494	33.613	nq	98
60) Diethylphthalate	10.30	149	806665	35.968	nq	99
61) 4-Chlorophenyl-phenylether	10.43	204	353945	31.531	nq	97
62) 4-Nitroaniline	10.45	138	168760	33.123	nq	95
63) Azobenzene	10.59	77	631756	29.415	nq	98
65) 4,6-Dinitro-2-methylphenol	10.49	198	9628	13.434	nq	82
66) n-Nitrosodiphenylamine	10.55	169	612026	34.147	nq	99
67) 4-Bromophenyl-phenylether	10.92	248	205390	32.615	nq	98
68) Hexachlorobenzene	10.99	284	212112	31.268	nq	98
69) Atrazine	11.07	200	199072	34.420	nq	96
70) Pentachlorophenol	11.19	266	169368	54.070	nq	99
71) Phenanthrene	11.40	178	974479	35.715	nq	99
72) Anthracene	11.45	178	1005280	36.371	nq	99
73) Carbazole	11.60	167	891651	32.204	nq	99
74) Di-n-butylphthalate	11.93	149	1174353	37.706	nq	97
75) Fluoranthene	12.59	202	1079217	37.463	nq	98
77) Benzidine	12.70	184	638346	40.330	nq	96
78) Pyrene	12.82	202	1094386	34.966	nq	99
80) Butylbenzylphthalate	13.43	149	528509	38.491	nq	95
81) Benzo(a)anthracene	14.01	228	947948	34.851	nq	97
82) 3,3'-Dichlorobenzidine	13.96	252	332986	32.689	nq	98
83) Chrysene	14.04	228	879319	34.165	nq	97
84) Bis(2-ethylhexyl)phthalate	13.99	149	798177	40.561	nq #	99
85) Di-n-octyl phthalate	14.60	149	1248994	41.194	nq	98
86) Indeno(1,2,3-cd)pyrene	16.96	276	654676	27.571	nq	98
88) Benzo(b)fluoranthene	15.06	252	756498	38.750	nq	100
89) Benzo(k)fluoranthene	15.09	252	663664	35.123	nq	97
90) Benzo(a)pyrene	15.42	252	645020	36.027	nq	99
91) Dibenzo(a,h)anthracene	16.97	278	553114	34.784	nq	99
92) Benzo(g,h,i)perylene	17.41	276	532437	33.987	nq	97

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

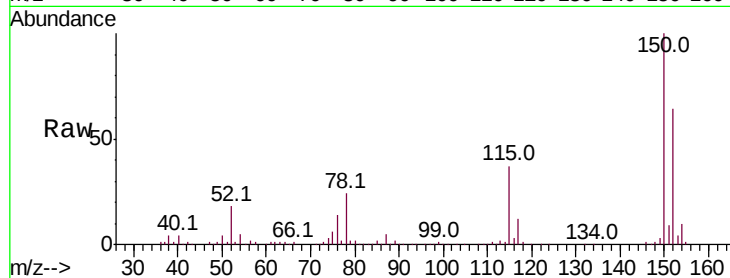


#1

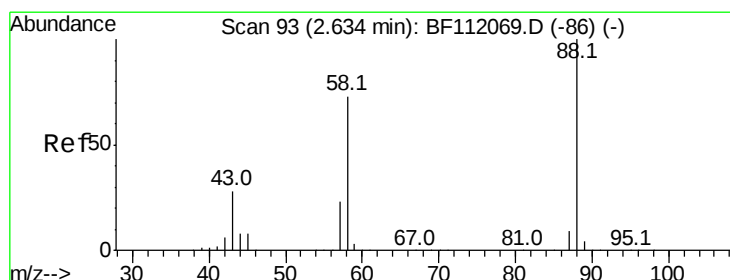
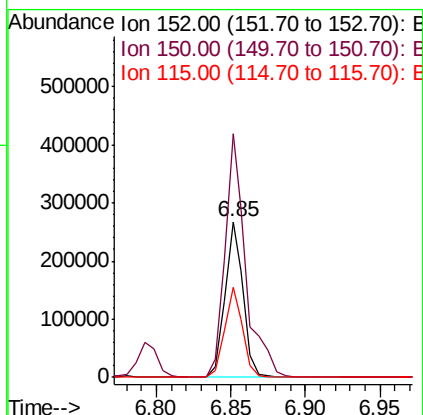
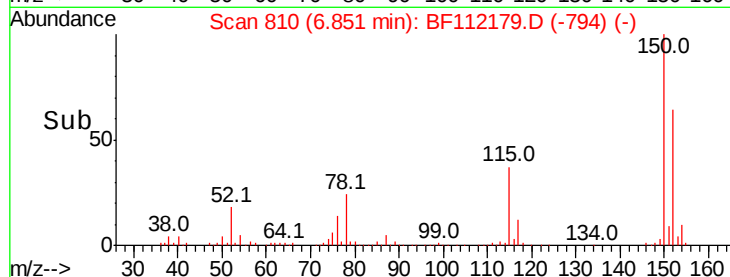
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.85 min Scan# 810
 Delta R.T. -0.01 min
 Lab File: BF112179.D
 Acq: 22 Jan 2019 1:44

Instrument :
 BNA_F
 ClientSampleID :
 PB116516BS

Tot Ion:152 Resp: 230838
 Ion Ratio Lower Upper
 152 100
 150 156.2 127.4 191.0
 115 57.6 45.5 68.3



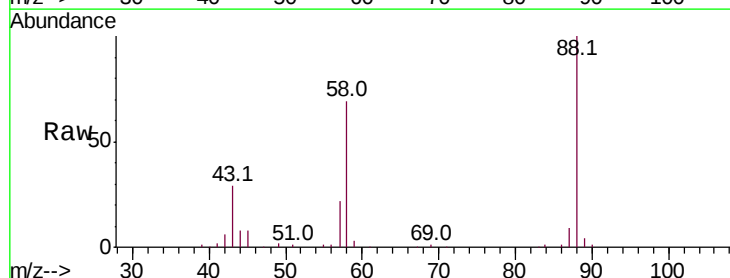
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



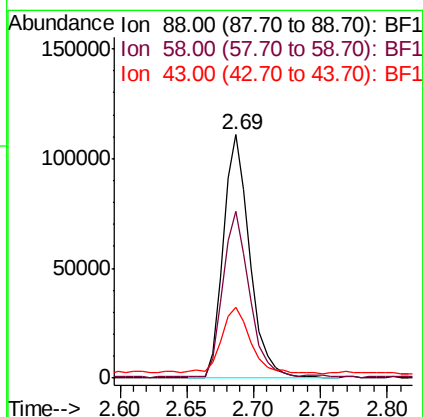
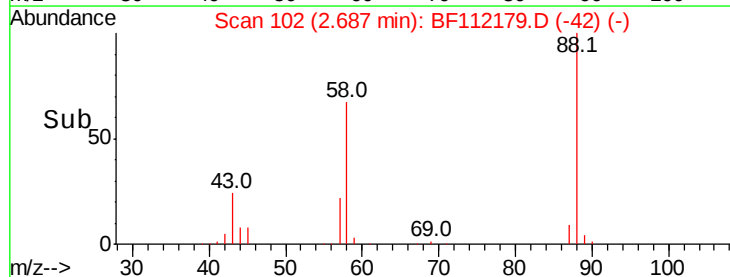
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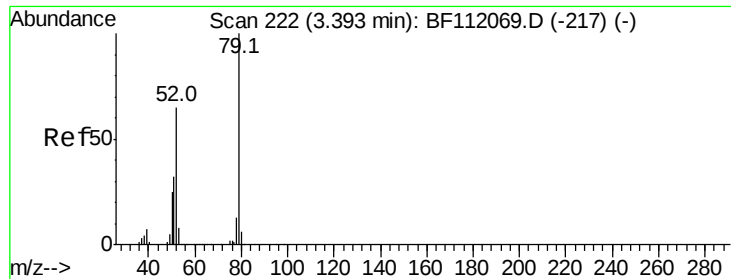
1,4-Dioxane
 Concen: 25.991 ng
 RT: 2.69 min Scan# 102
 Delta R.T. 0.05 min
 Lab File: BF112179.D
 Acq: 22 Jan 2019 1:44

Tgt Ion: 88 Resp: 155032
 Ion Ratio Lower Upper
 88 100
 58 67.7 57.4 86.2
 43 30.0 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

Pvridine

Concen: 27.774 ng

RT: 3.43 min Scan# 229

Delta R.T. 0.05 min

Lab File: BF112179.D

Acq: 22 Jan 2019 1:44

Instrument :

BNA_F

ClientSampleId :

PB116516BS

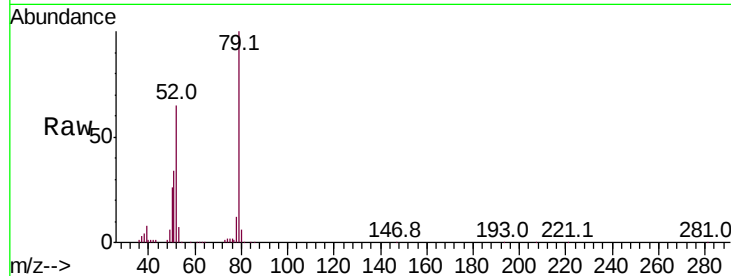
Tot Ion: 79 Resp: 414932

Ion Ratio Lower Upper

79 100

52 65.5 52.4 78.6

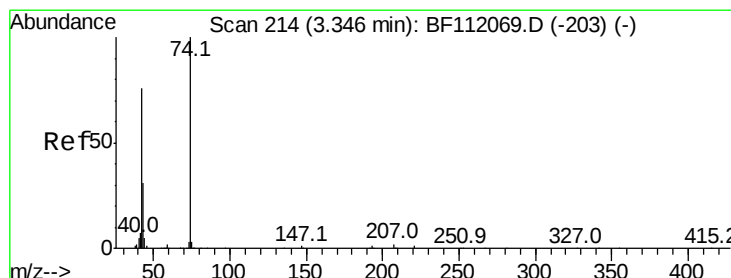
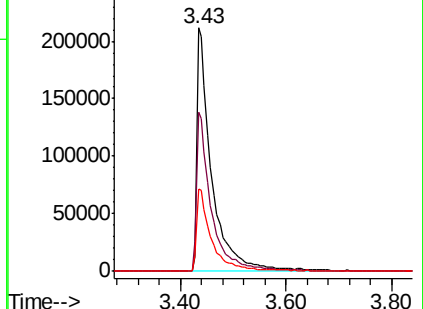
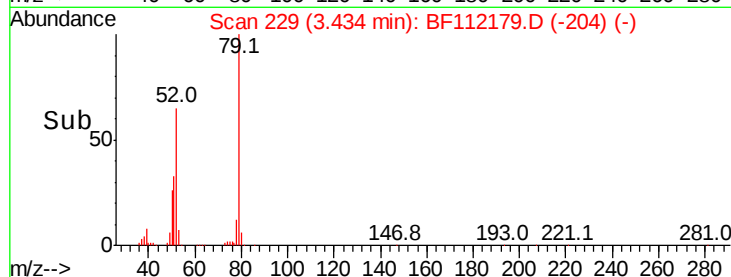
51 33.6 26.1 39.1



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 52.00 (51.70 to 52.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 32.335 ng

RT: 3.38 min Scan# 220

Delta R.T. 0.04 min

Lab File: BF112179.D

Acq: 22 Jan 2019 1:44

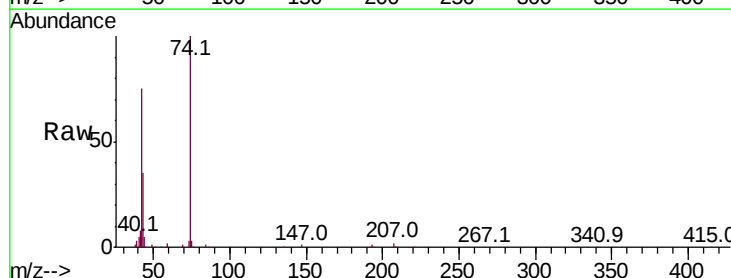
Tgt Ion: 42 Resp: 196137

Ion Ratio Lower Upper

42 100

74 132.9 105.6 158.4

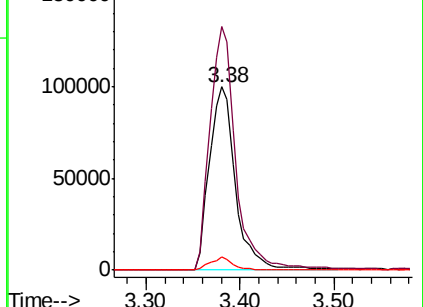
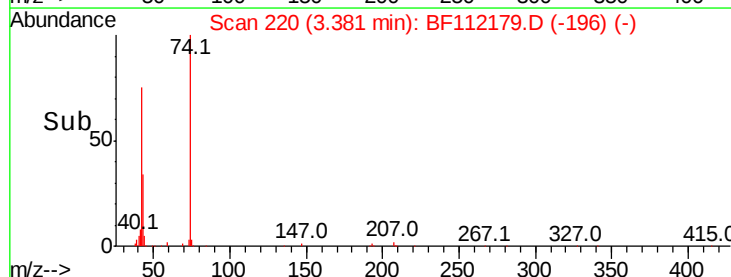
44 7.1 5.4 8.2

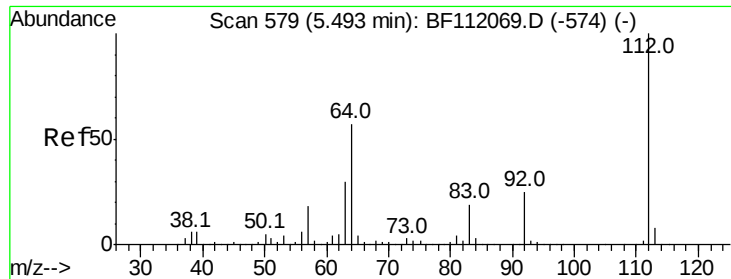


Abundance Ion 42.00 (41.70 to 42.70): BF1

Ion 74.00 (73.70 to 74.70): BF1

Ion 44.00 (43.70 to 44.70): BF1

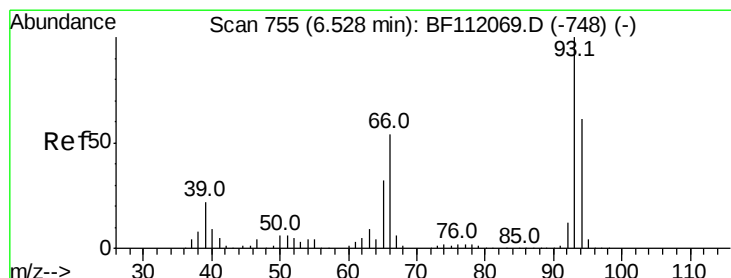
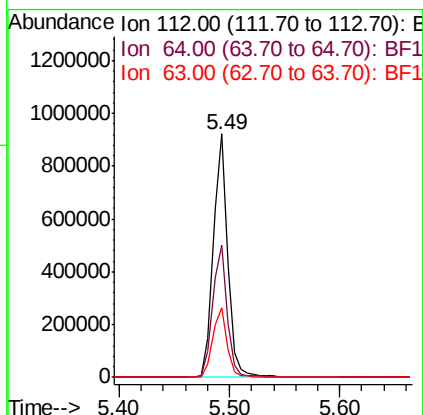
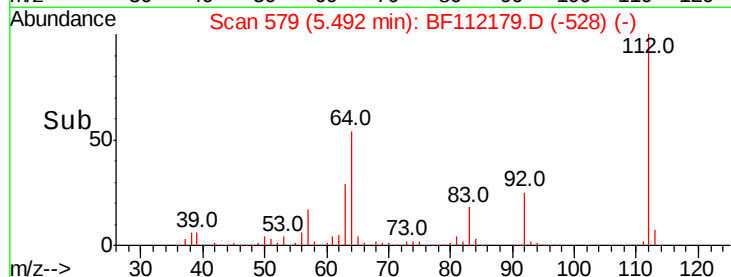
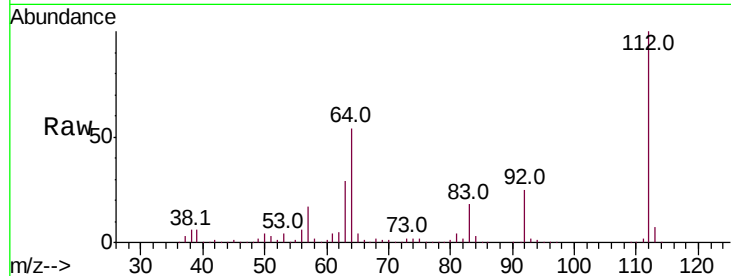




#5
 2-Fluorophenol
 Concen: 64.872 ng
 RT: 5.49 min Scan# 579
 Delta R.T. 0.00 min
 Lab File: BF112179.D
 Acq: 22 Jan 2019 1:44

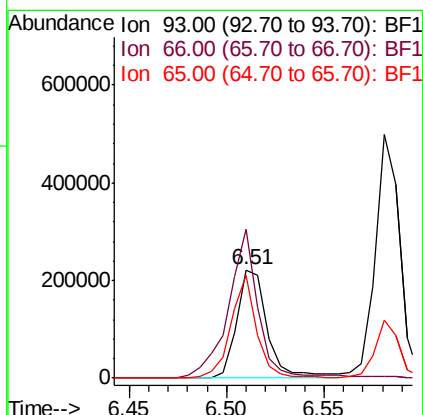
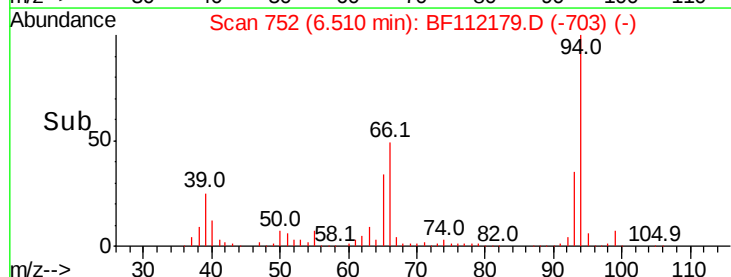
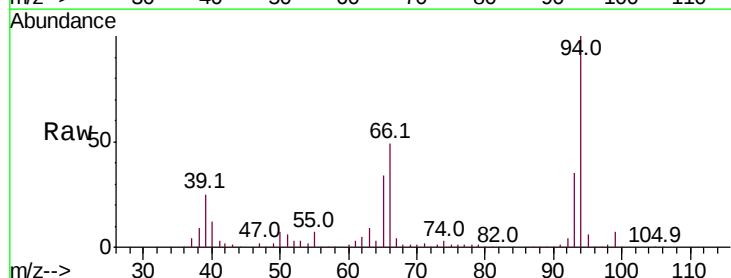
Instrument :
 BNA_F
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 PB116516BS

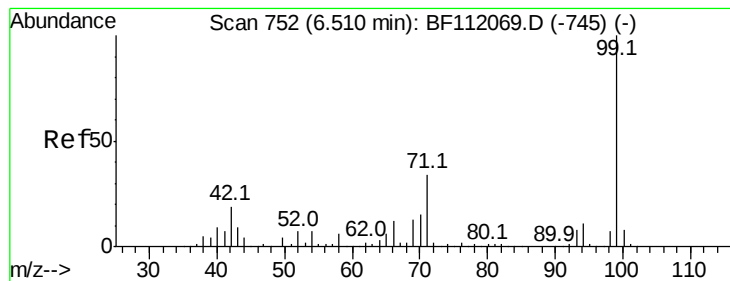
Tot Ion:112 Resp: 825050
 Ion Ratio Lower Upper
 112 100
 64 54.3 45.7 68.5
 63 28.7 23.6 35.4



#6
 Aniline
 Concen: 12.544 ng
 RT: 6.51 min Scan# 752
 Delta R.T. -0.01 min
 Lab File: BF112179.D
 Acq: 22 Jan 2019 1:44

Tgt Ion: 93 Resp: 242764
 Ion Ratio Lower Upper
 93 100
 66 137.5 43.4 65.2#
 65 95.2 25.3 37.9#





#7

Phenol-d6

Concen: 62.824 ng

RT: 6.50 min Scan# 750

Delta R.T. -0.01 min

Lab File: BF112179.D

Acq: 22 Jan 2019 1:44

Instrument :

BNA_F

ClientSampleId :

PB116516BS

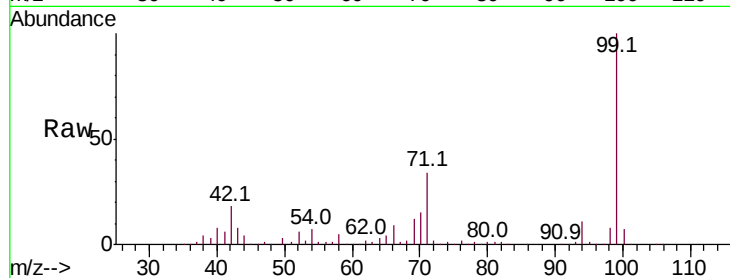
Tot Ion: 99 Resp: 999676

Ion Ratio Lower Upper

99 100

42 17.6 15.1 22.7

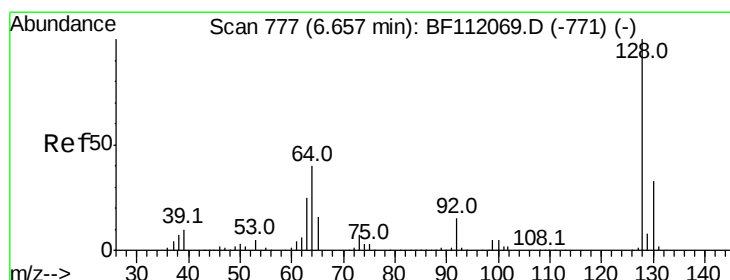
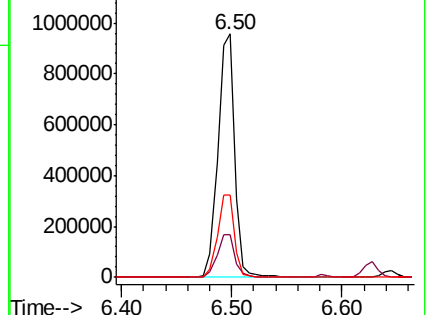
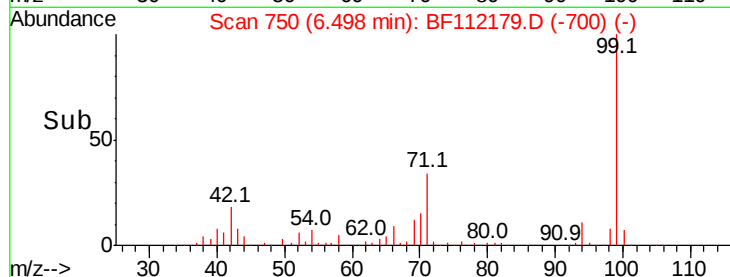
71 34.0 26.9 40.3



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: 31.540 ng

RT: 6.65 min Scan# 775

Delta R.T. -0.01 min

Lab File: BF112179.D

Acq: 22 Jan 2019 1:44

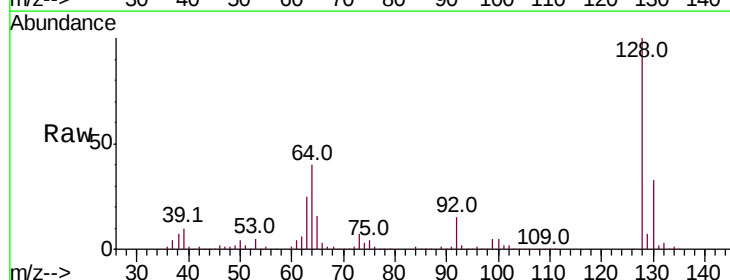
Tgt Ion:128 Resp: 465866

Ion Ratio Lower Upper

128 100

130 33.1 13.4 53.4

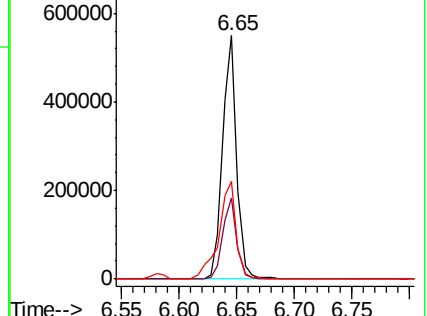
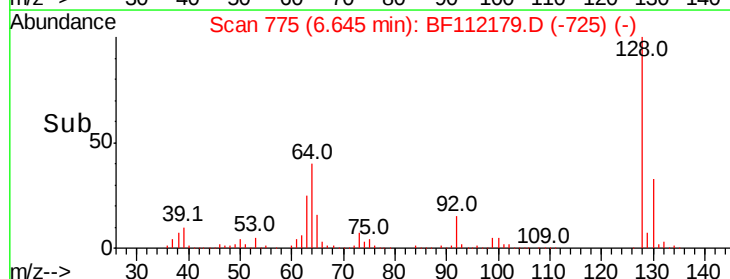
64 40.2 20.5 60.5

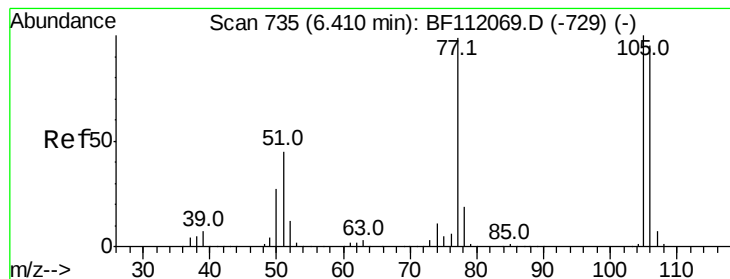


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 10.037 ng

RT: 6.40 min Scan# 733

Delta R.T. -0.01 min

Lab File: BF112179.D

Acq: 22 Jan 2019 1:44

Instrument :

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ClientSampleId :

PB116516BS

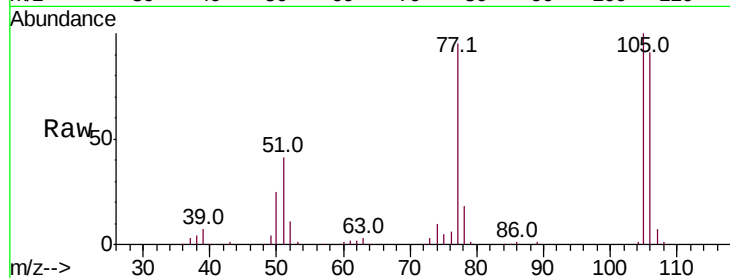
Tot Ion: 77 Resp: 116246

Ion Ratio Lower Upper

77 100

105 104.9 80.8 120.8

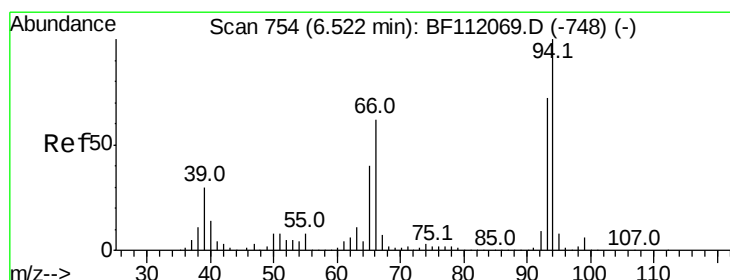
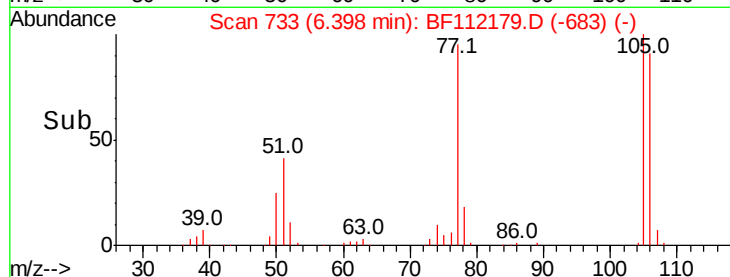
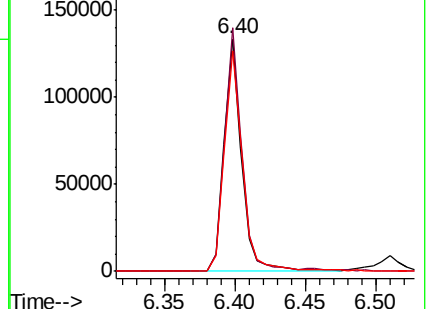
106 95.2 75.7 115.7



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: 29.936 ng

RT: 6.51 min Scan# 752

Delta R.T. -0.01 min

Lab File: BF112179.D

Acq: 22 Jan 2019 1:44

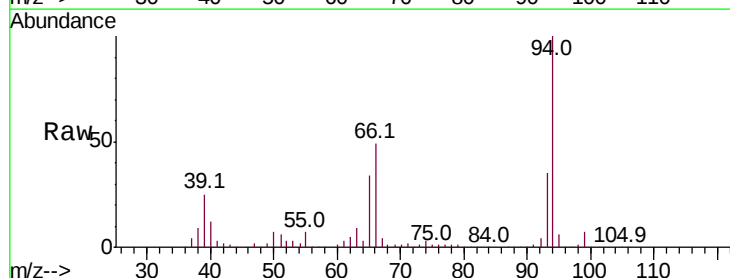
Tgt Ion: 94 Resp: 520597

Ion Ratio Lower Upper

94 100

65 33.8 20.3 60.3

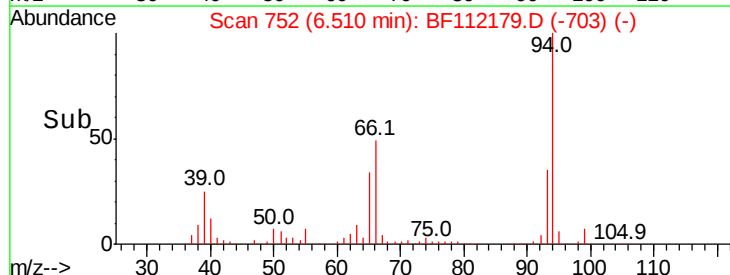
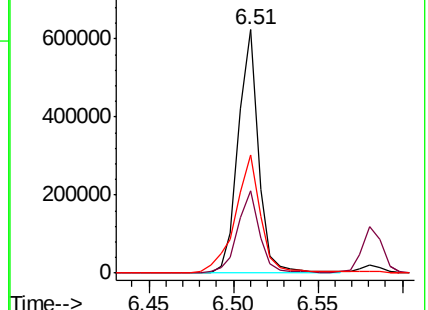
66 48.8 42.4 82.4

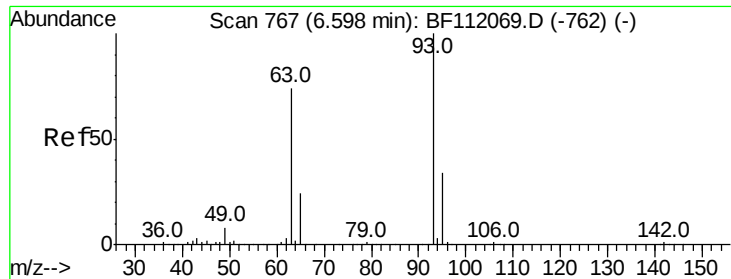


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 30.795 ng

RT: 6.58 min Scan# 764

Delta R.T. -0.01 min

Lab File: BF112179.D

Acq: 22 Jan 2019 1:44

Instrument :

BNA_F

ClientSampleId :

PB116516BS

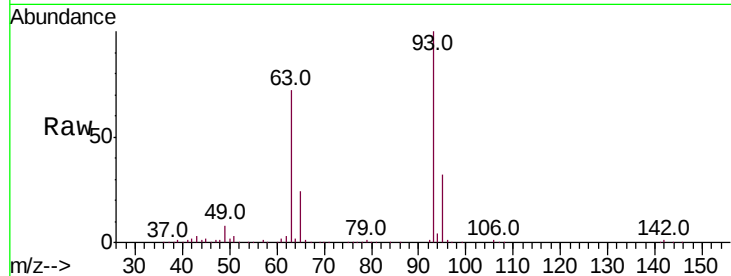
Tot Ion: 93 Resp: 425815

Ion Ratio Lower Upper

93 100

63 72.5 53.3 93.3

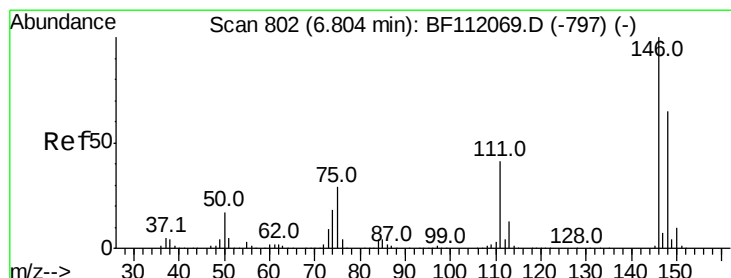
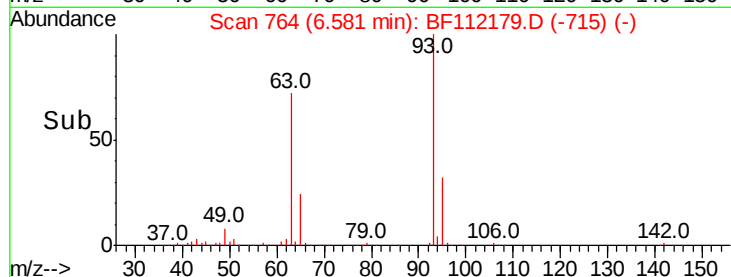
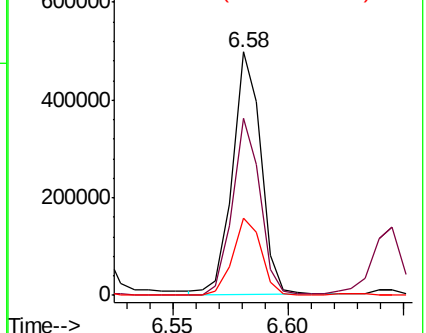
95 31.5 13.4 53.4



Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 63.00 (62.70 to 63.70): BF1

Ion 95.00 (94.70 to 95.70): BF1



#12

1,3-Dichlorobenzene

Concen: 30.765 ng

RT: 6.79 min Scan# 800

Delta R.T. -0.01 min

Lab File: BF112179.D

Acq: 22 Jan 2019 1:44

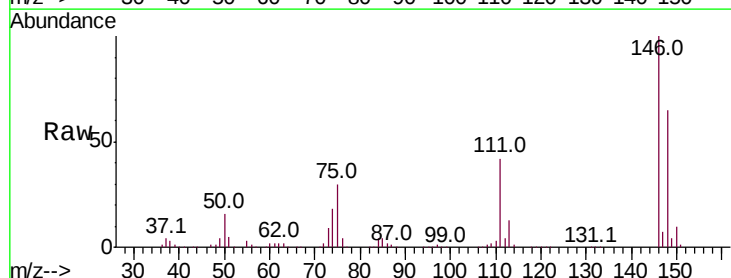
Tgt Ion: 146 Resp: 518598

Ion Ratio Lower Upper

146 100

148 64.7 51.8 77.8

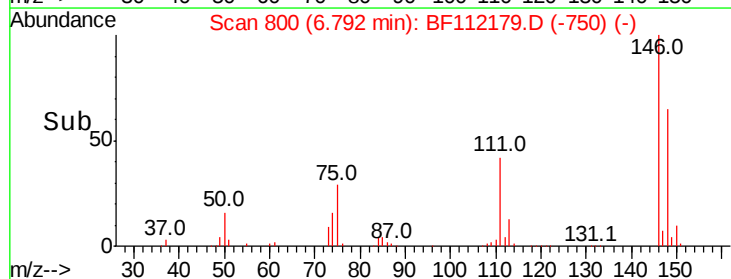
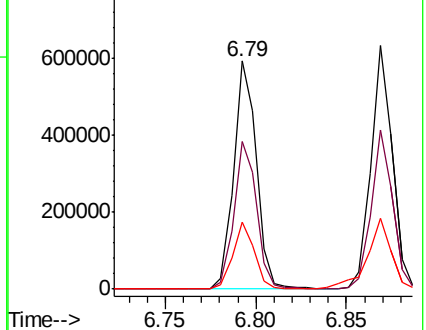
75 29.6 23.1 34.7

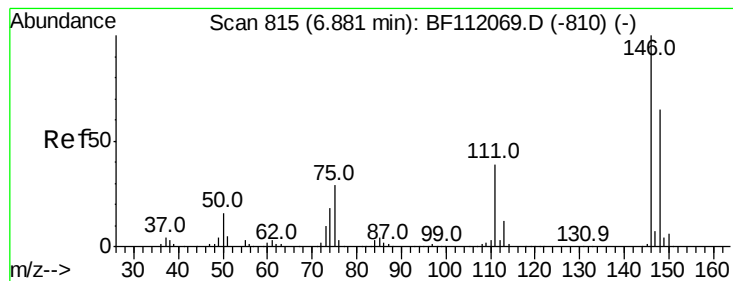


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF1





#13

1,4-Dichlorobenzene

Concen: 30.462 ng

RT: 6.87 min Scan# 813

Delta R.T. -0.01 min

Lab File: BF112179.D

Acq: 22 Jan 2019 1:44

Instrument :

BNA_F

ClientSampleId :

PB116516BS

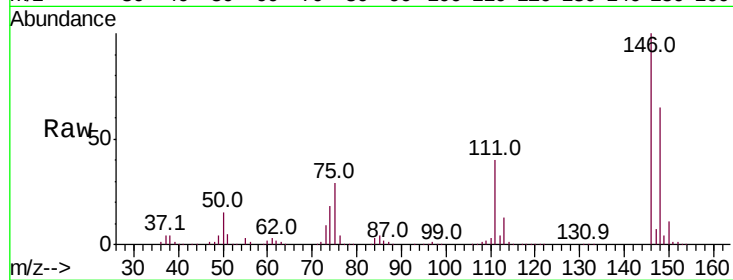
Tot Ion:146 Resp: 525234

Ion Ratio Lower Upper

146 100

148 65.2 52.0 78.0

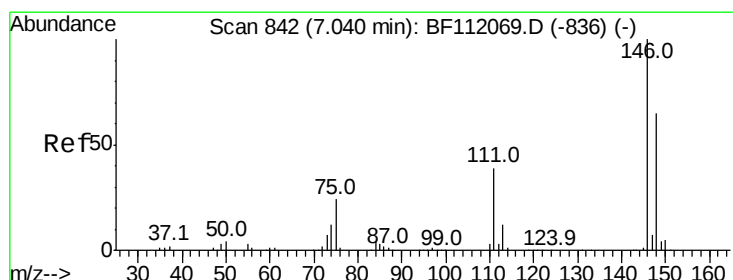
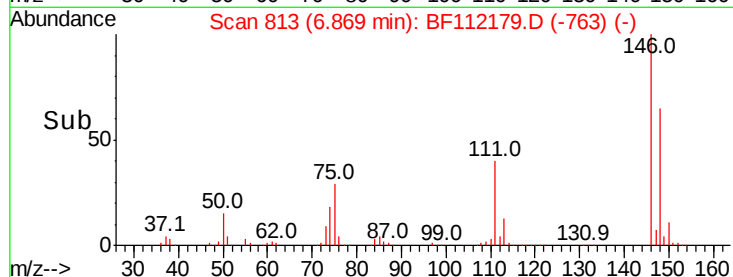
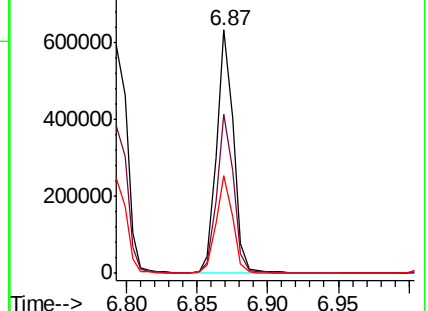
111 40.0 31.2 46.8



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 31.112 ng

RT: 7.02 min Scan# 839

Delta R.T. -0.01 min

Lab File: BF112179.D

Acq: 22 Jan 2019 1:44

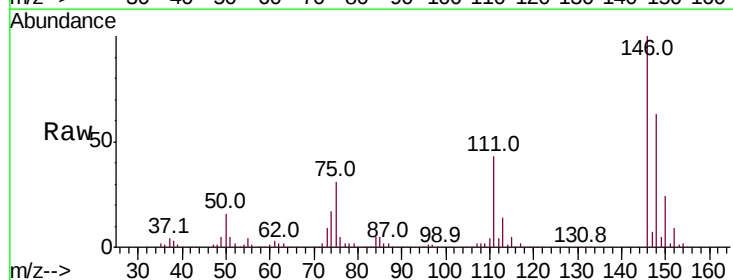
Tgt Ion:146 Resp: 494142

Ion Ratio Lower Upper

146 100

148 62.9 52.2 78.4

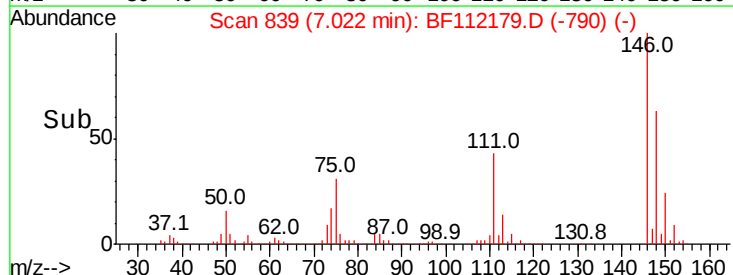
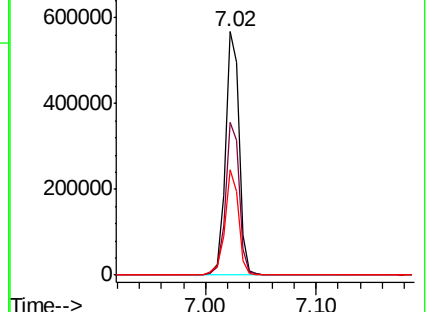
111 43.4 31.2 46.8

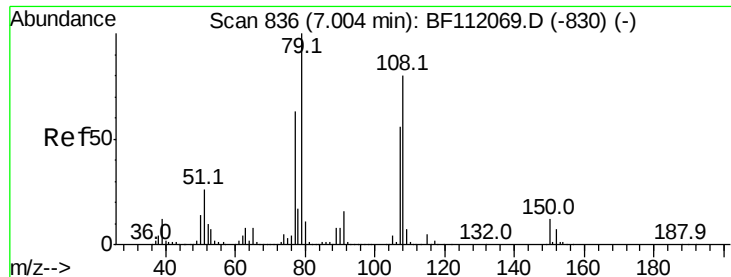


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 30.577 ng

RT: 6.99 min Scan# 834

Delta R.T. -0.01 min

Lab File: BF112179.D

Acq: 22 Jan 2019 1:44

Instrument :

BNA_F

ClientSampleId :

PB116516BS

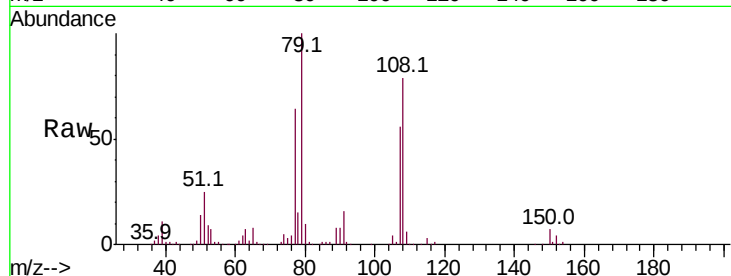
Tot Ion: 79 Resp: 362498

Ion Ratio Lower Upper

79 100

108 79.4 64.2 96.2

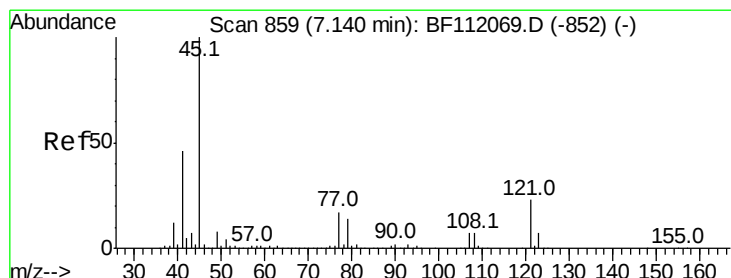
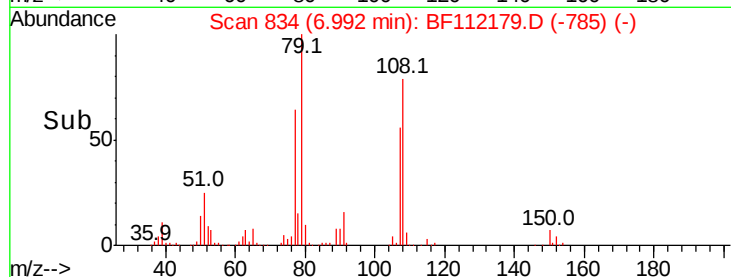
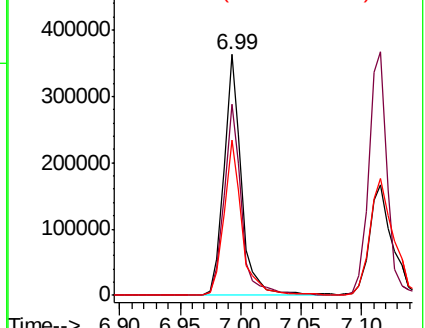
77 64.3 50.3 75.5



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1



#16

2,2'-oxybis(1-chloropropane)

Concen: 27.112 ng

RT: 7.13 min Scan# 857

Delta R.T. -0.01 min

Lab File: BF112179.D

Acq: 22 Jan 2019 1:44

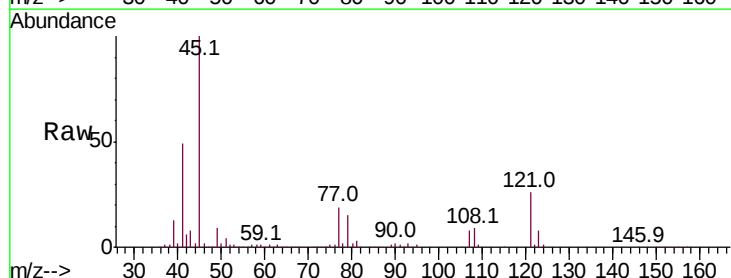
Tgt Ion: 45 Resp: 540608

Ion Ratio Lower Upper

45 100

77 19.2 0.0 36.9

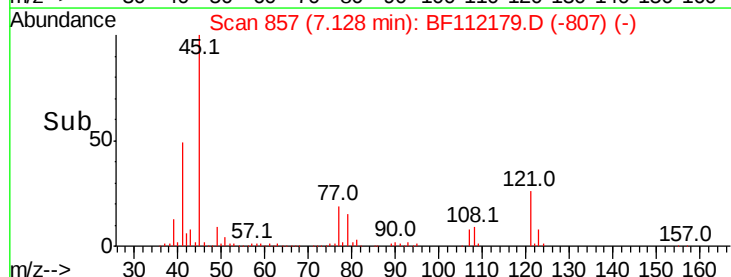
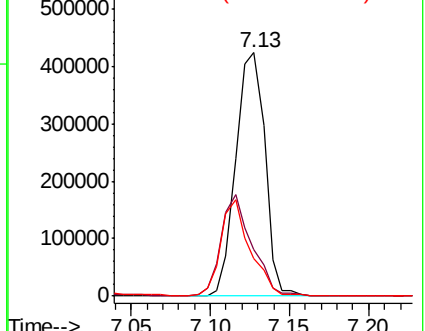
79 15.5 0.0 34.0

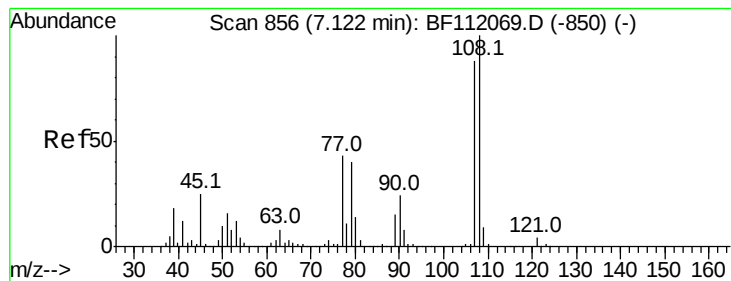


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1





#17

2-Methylphenol

Concen: 31.695 ng

RT: 7.12 min Scan# 855

Delta R.T. -0.01 min

Lab File: BF112179.D

Acq: 22 Jan 2019 1:44

Instrument :

BNA_F

ClientSampleId :

PB116516BS

Tot Ion:107 Resp: 351580

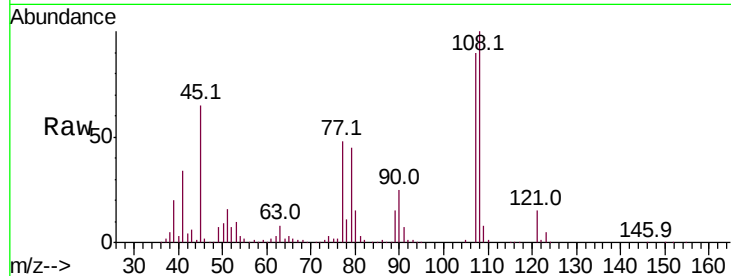
Ion Ratio Lower Upper

107 100

108 110.8 91.3 136.9

77 53.4 39.0 58.6

79 50.4 37.0 55.4

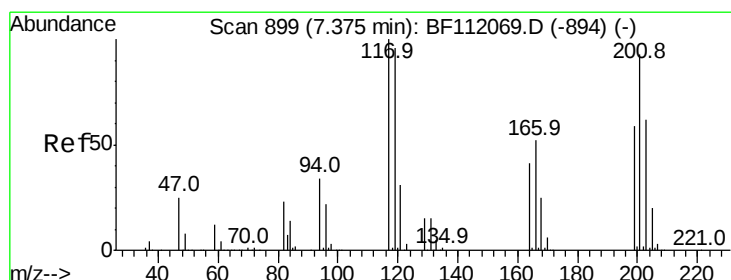
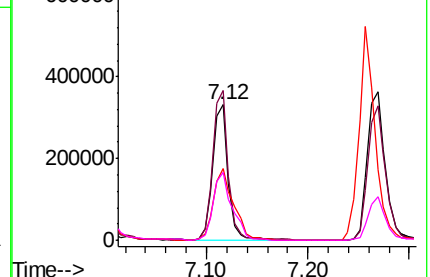
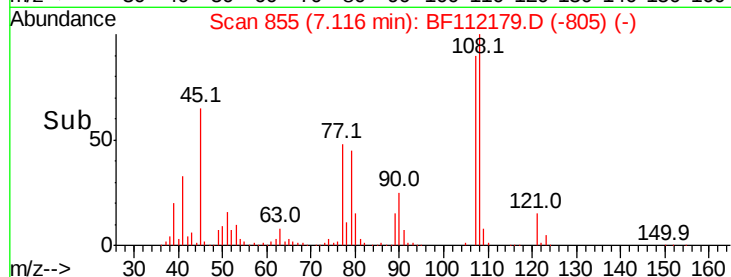


Abundance Ion 107.00 (106.70 to 107.70): E

800000 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: 26.695 ng

RT: 7.36 min Scan# 897

Delta R.T. -0.01 min

Lab File: BF112179.D

Acq: 22 Jan 2019 1:44

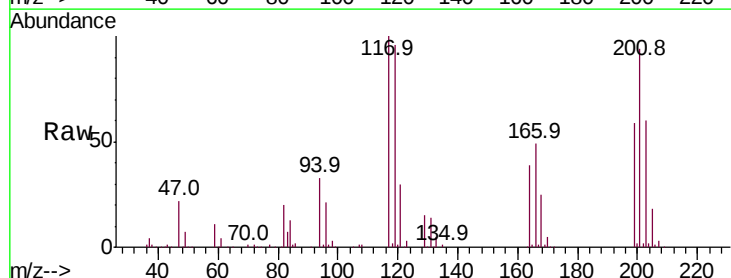
Tgt Ion:117 Resp: 153628

Ion Ratio Lower Upper

117 100

119 95.5 77.0 115.4

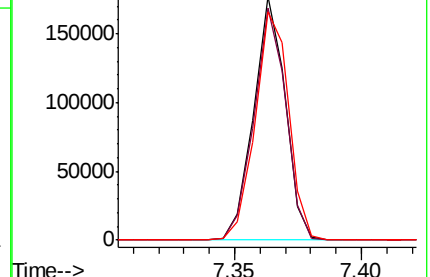
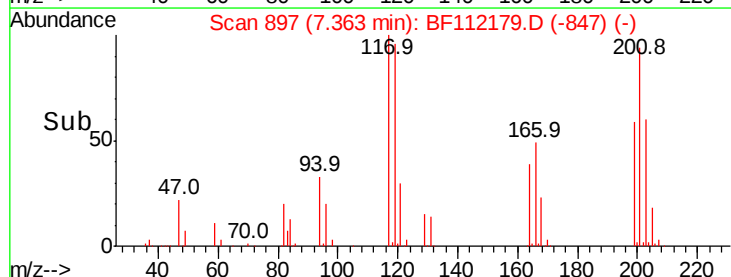
201 93.7 74.1 111.1

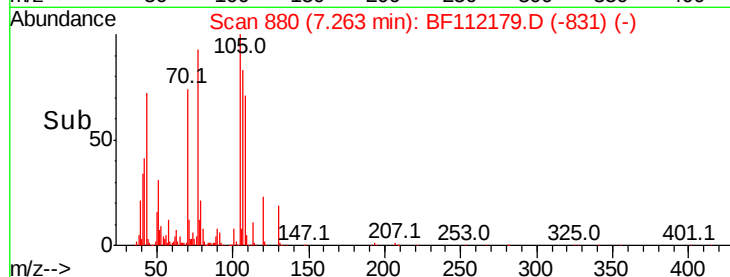
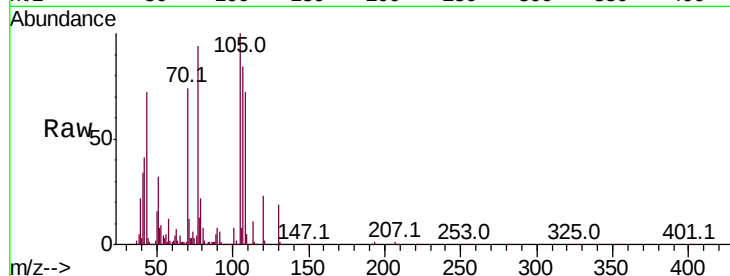
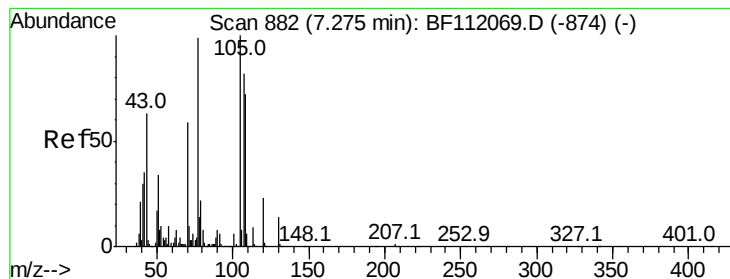


Abundance Ion 117.00 (116.70 to 117.70): E

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: 31.298 ng

RT: 7.26 min Scan# 880

Delta R.T. -0.01 min

Lab File: BF112179.D

Acq: 22 Jan 2019 1:44

Instrument :

BNA_F

ClientSampleId :

PB116516BS

Tot Ion: 70 Resp: 303393

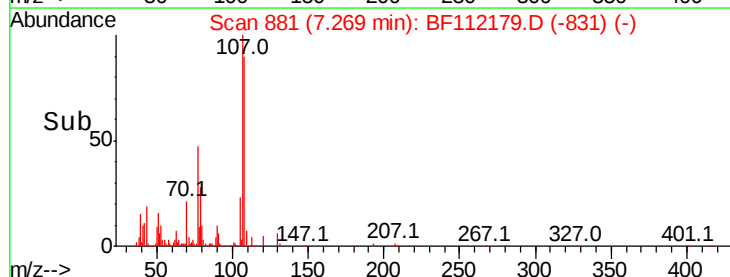
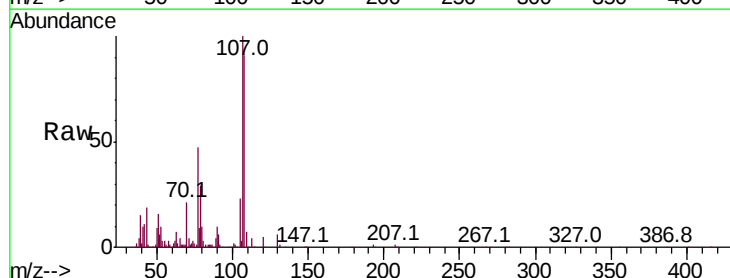
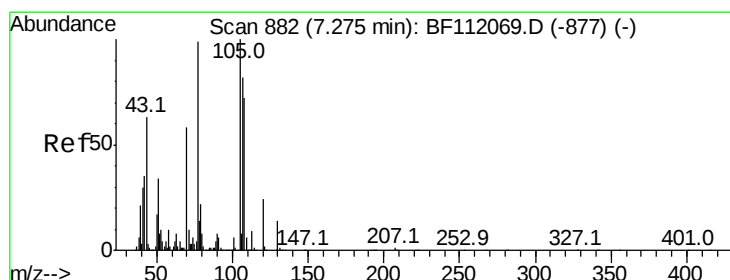
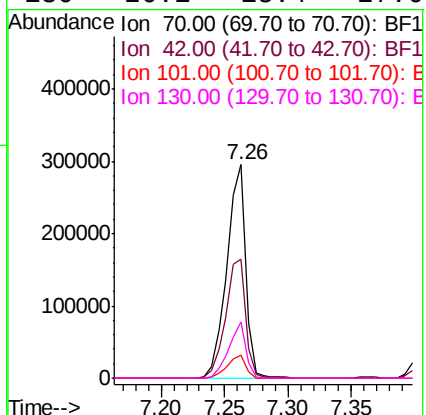
Ion Ratio Lower Upper

70 100

42 55.9 47.6 71.4

101 10.6 7.9 11.9

130 26.1 18.4 27.6



#20

3+4-Methylphenols

Concen: 33.331 ng

RT: 7.27 min Scan# 881

Delta R.T. -0.01 min

Lab File: BF112179.D

Acq: 22 Jan 2019 1:44

Tgt Ion:107 Resp: 448296

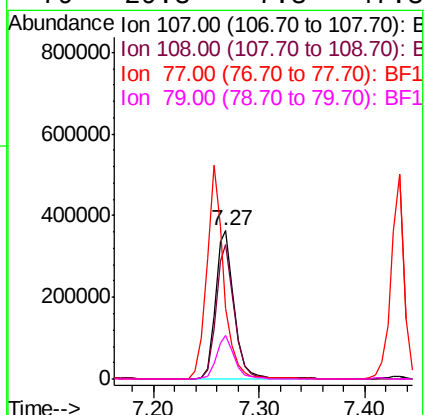
Ion Ratio Lower Upper

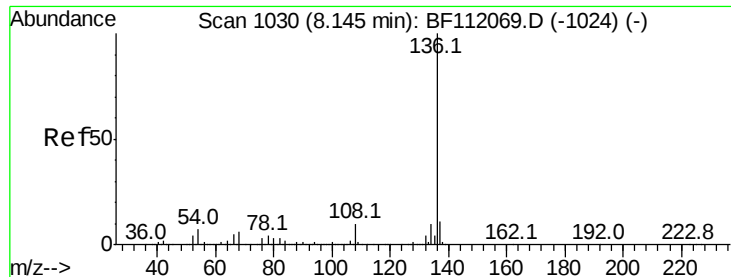
107 100

108 90.7 68.2 108.2

77 47.1 100.7 140.7#

79 29.3 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: BF112179.D

Acq: 22 Jan 2019 1:44

Instrument :

BNA_F

ClientSampleId :

PB116516BS

Tot Ion:136 Resp: 800117

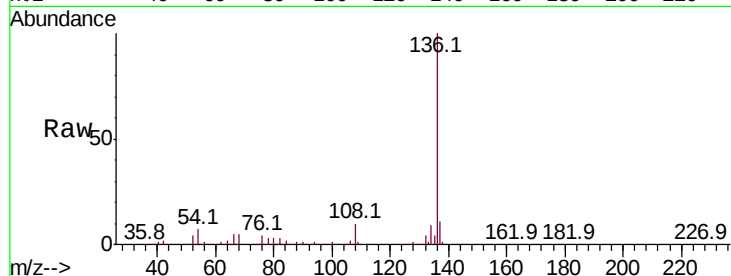
Ion Ratio Lower Upper

136 100

137 11.1 9.1 13.7

54 6.6 5.9 8.9

68 5.4 5.1 7.7

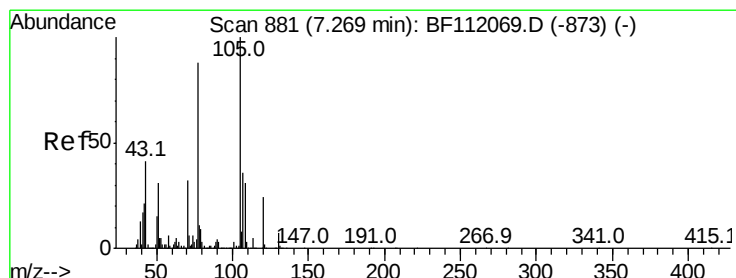
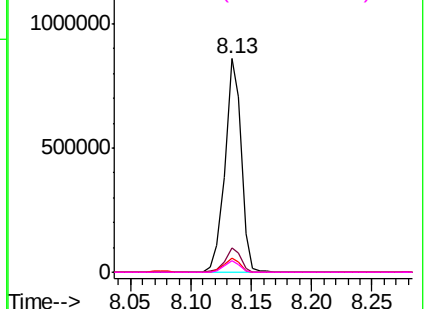
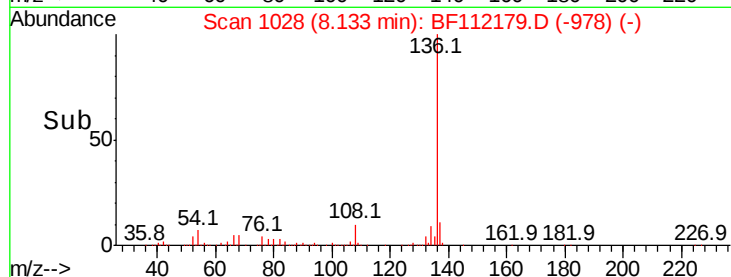


Abundance Ion 136.00 (135.70 to 136.70): E

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: 32.307 ng

RT: 7.26 min Scan# 879

Delta R.T. -0.01 min

Lab File: BF112179.D

Acq: 22 Jan 2019 1:44

Tgt Ion:105 Resp: 598854

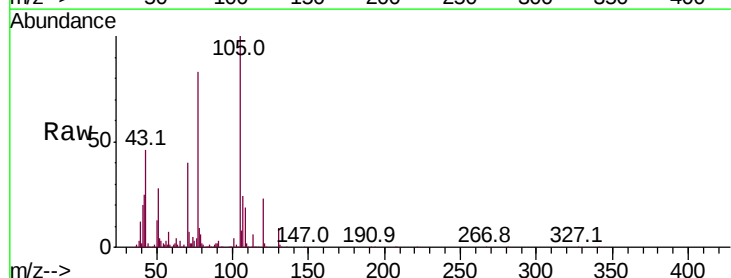
Ion Ratio Lower Upper

105 100

71 7.0 4.6 6.8#

51 28.1 25.0 37.6

120 22.6 19.0 28.4

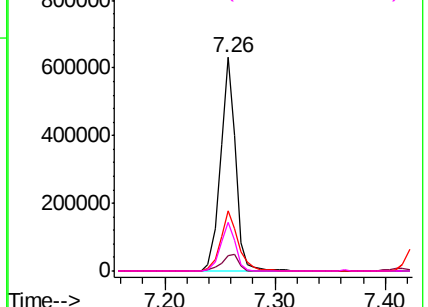
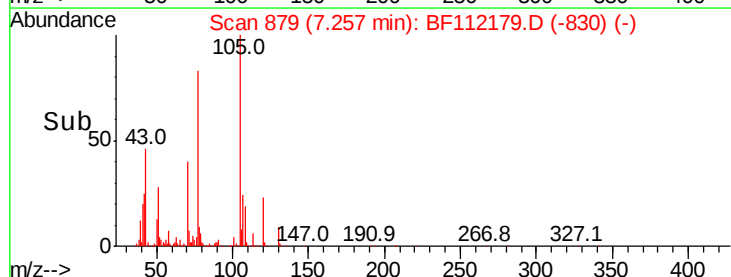


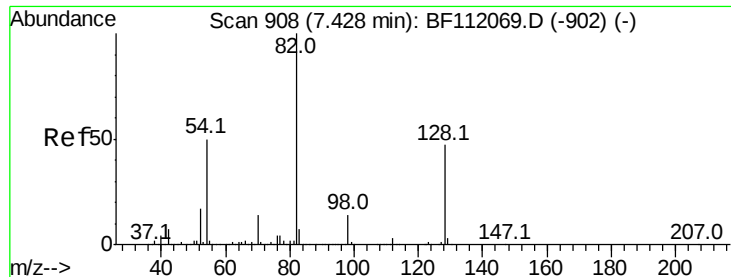
Abundance Ion 105.00 (104.70 to 105.70): E

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

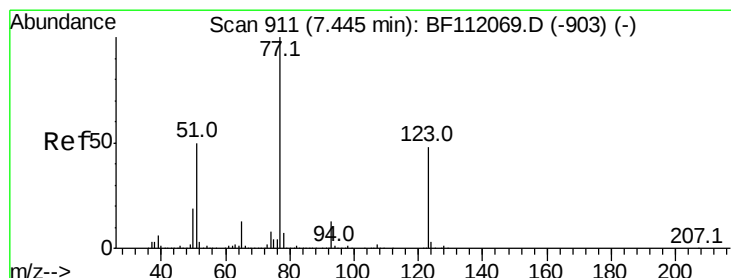
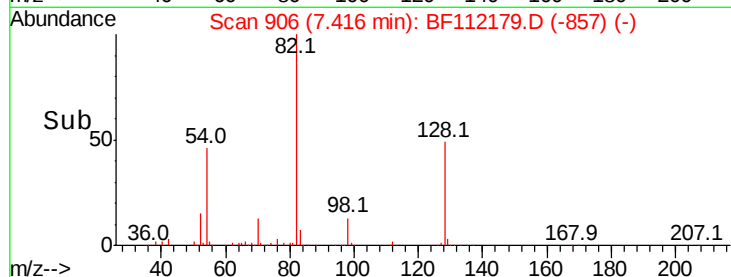
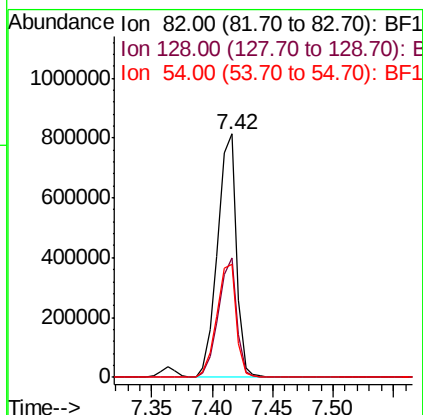
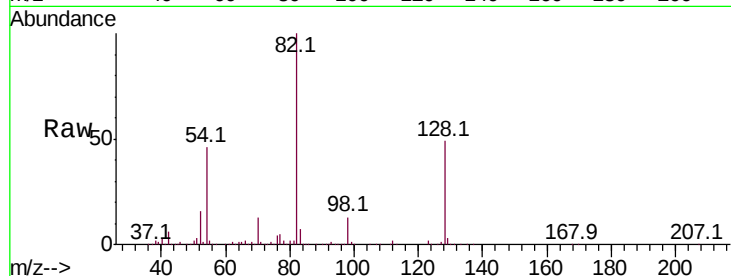




#23
Nitrobenzene-d5
Concen: 75.420 ng
RT: 7.42 min Scan# 906
Delta R.T. -0.01 min
Lab File: BF112179.D
Acq: 22 Jan 2019 1:44

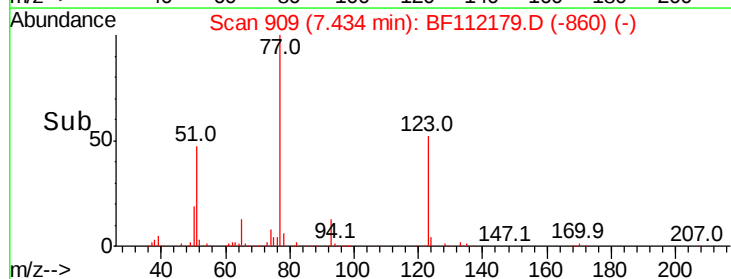
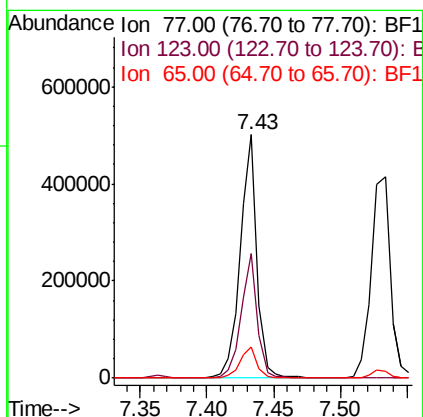
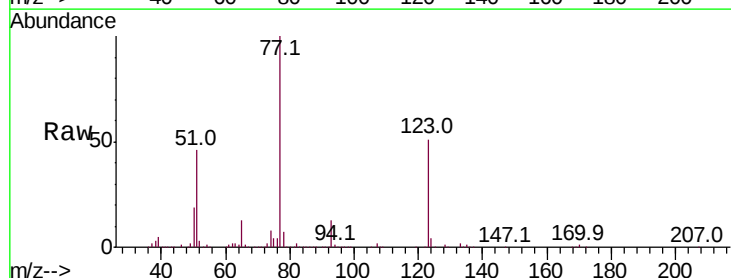
Instrument :
BNA_F
ClientSampled :
PB116516BS

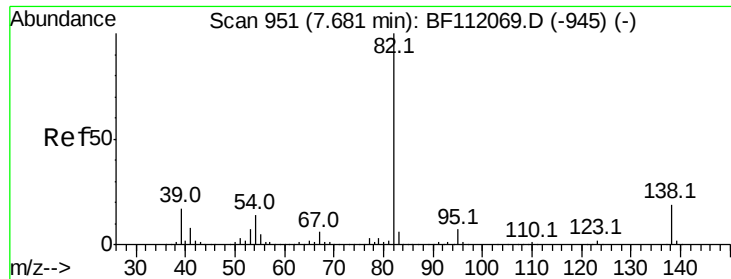
Tot Ion: 82 Resp: 873431
Ion Ratio Lower Upper
82 100
128 49.0 37.8 56.8
54 46.4 39.7 59.5



#24
Nitrobenzene
Concen: 35.329 ng
RT: 7.43 min Scan# 909
Delta R.T. -0.01 min
Lab File: BF112179.D
Acq: 22 Jan 2019 1:44

Tgt Ion: 77 Resp: 433613
Ion Ratio Lower Upper
77 100
123 51.2 38.4 57.6
65 12.9 10.6 15.8





#25

Isophorone

Concen: 35.118 ng

RT: 7.67 min Scan# 949

Delta R.T. -0.01 min

Lab File: BF112179.D

Acq: 22 Jan 2019 1:44

Instrument :

BNA_F

ClientSampleId :

PB116516BS

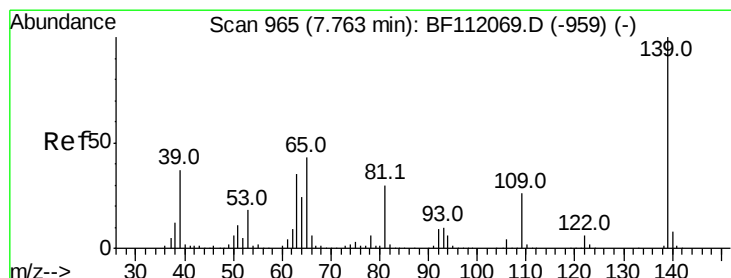
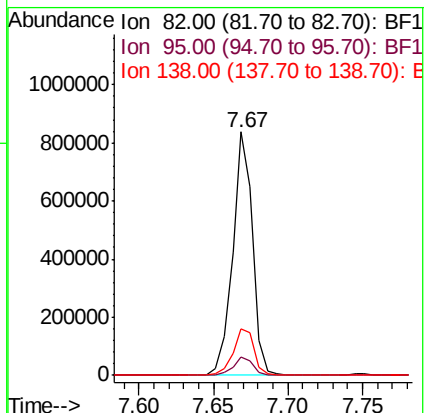
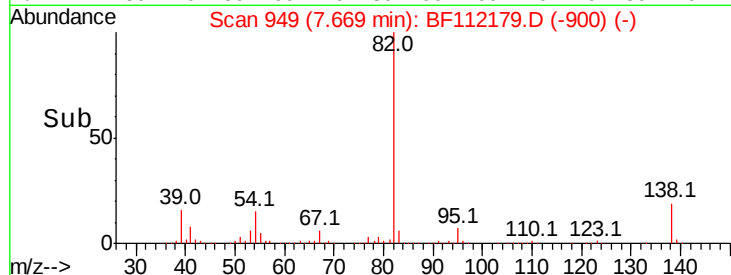
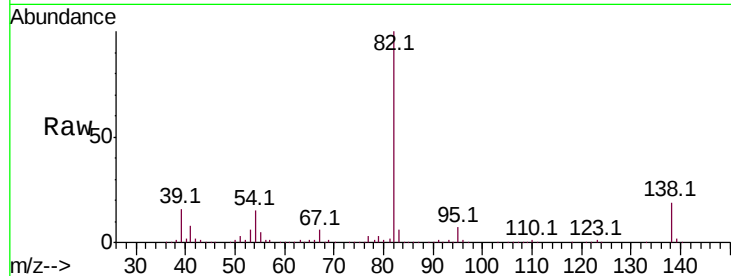
Tot Ion: 82 Resp: 785562

Ion Ratio Lower Upper

82 100

95 7.3 5.7 8.5

138 19.4 15.4 23.0



#26

2-Nitrophenol

Concen: 32.921 ng

RT: 7.75 min Scan# 963

Delta R.T. -0.01 min

Lab File: BF112179.D

Acq: 22 Jan 2019 1:44

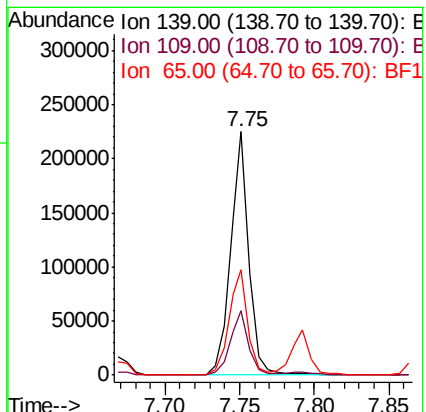
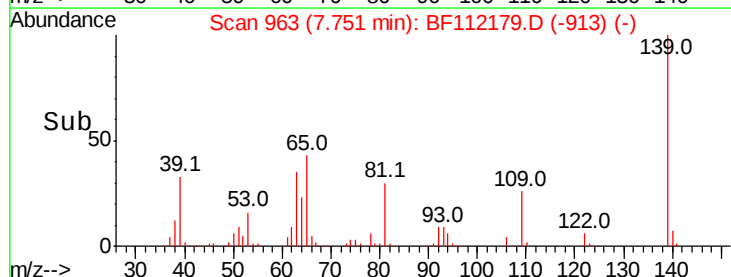
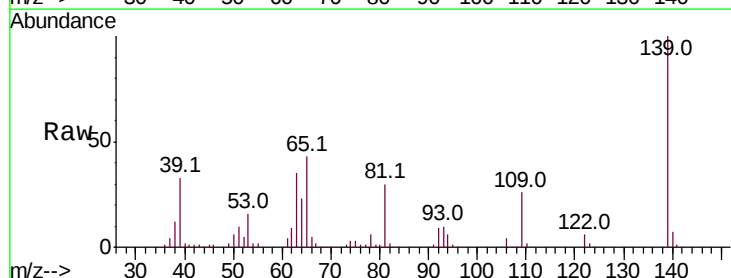
Tgt Ion: 139 Resp: 194776

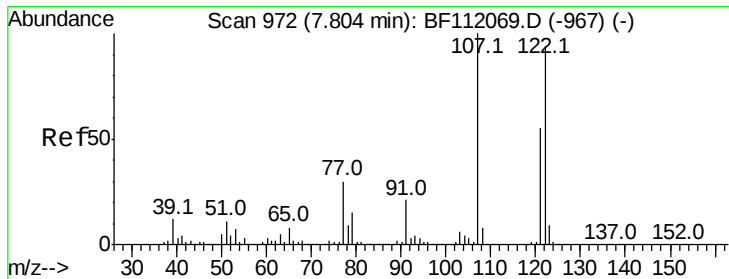
Ion Ratio Lower Upper

139 100

109 26.3 20.8 31.2

65 43.4 34.4 51.6

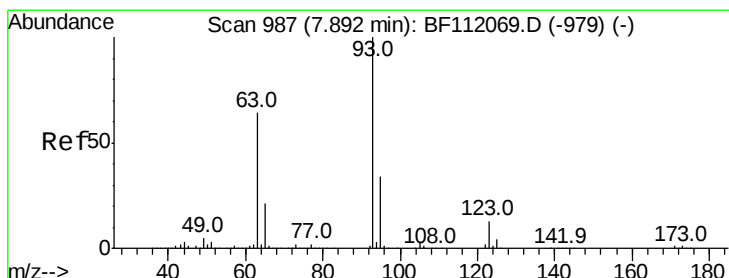
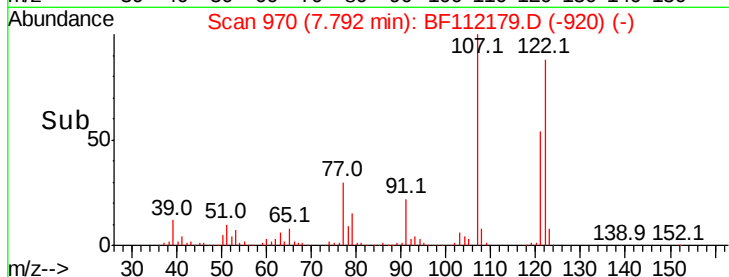
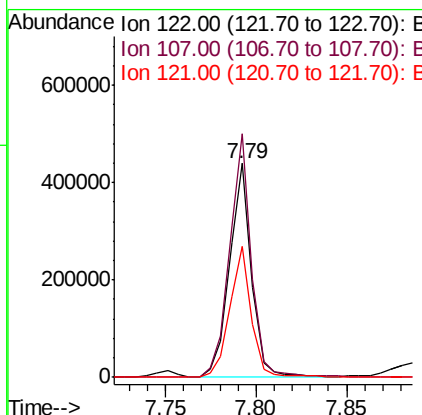
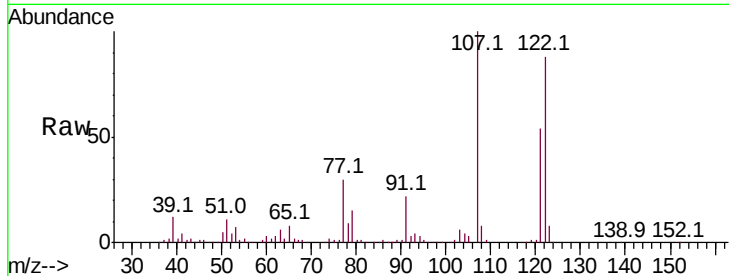




#27
2,4-Dimethylphenol
Concen: 35.471 ng
RT: 7.79 min Scan# 970
Delta R.T. -0.01 min
Lab File: BF112179.D
Acq: 22 Jan 2019 1:44

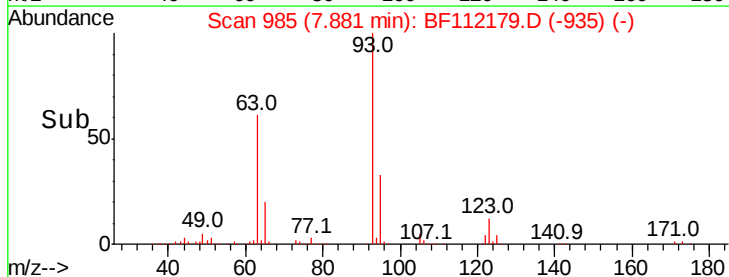
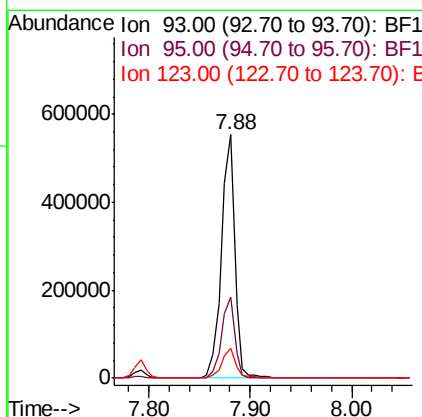
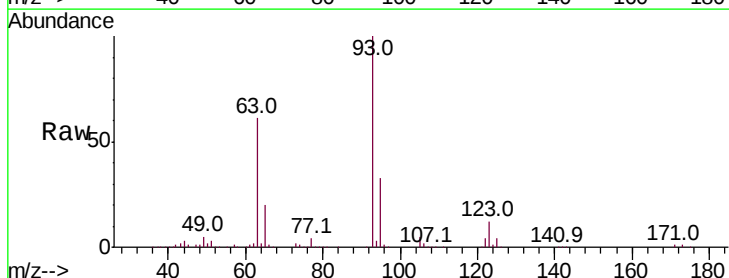
Instrument :
BNA_F
ClientSampleId :
PB116516BS

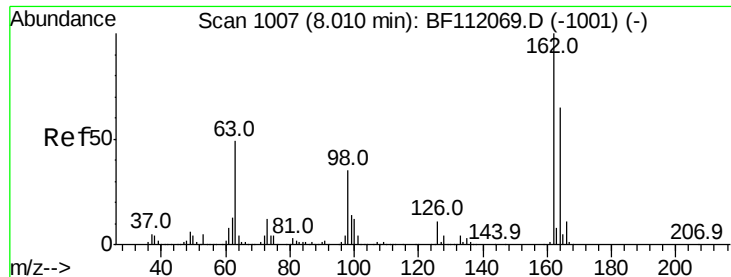
Tot Ion:122 Resp: 368304
Ion Ratio Lower Upper
122 100
107 113.9 85.4 128.0
121 61.3 47.0 70.4



#28
bis(2-Chloroethoxy)methane
Concen: 33.254 ng
RT: 7.88 min Scan# 985
Delta R.T. -0.01 min
Lab File: BF112179.D
Acq: 22 Jan 2019 1:44

Tgt Ion: 93 Resp: 510258
Ion Ratio Lower Upper
93 100
95 33.1 26.8 40.2
123 12.4 10.2 15.2

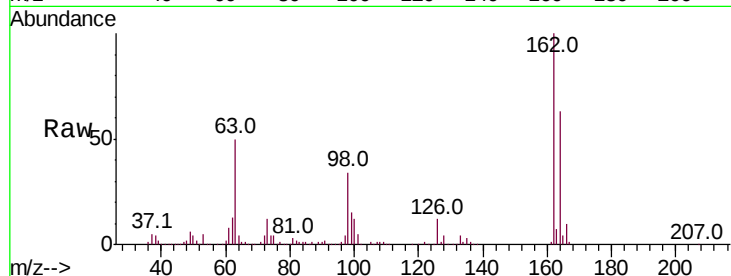




#29
2,4-Dichlorophenol
Concen: 31.587 ng
RT: 8.00 min Scan# 1005
Delta R.T. -0.01 min
Lab File: BF112179.D
Acq: 22 Jan 2019 1:44

Instrument :
BNA_F
ClientSampleId :
PB116516BS

Tot Ion	Ratio	Lower	Upper
162	100		
164	63.4	44.6	84.6
98	34.4	14.6	54.6



Abundance

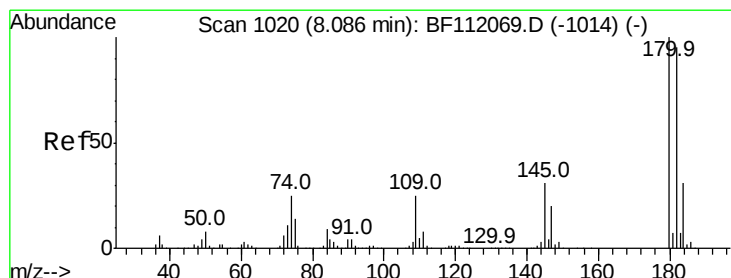
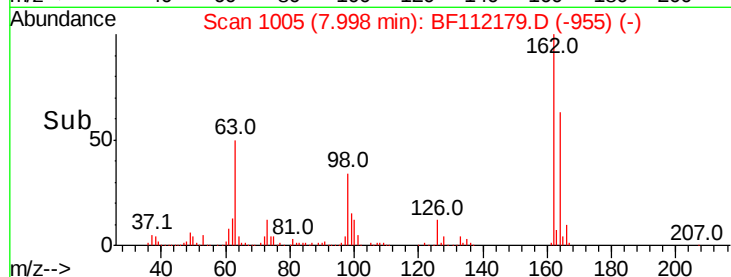
Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1

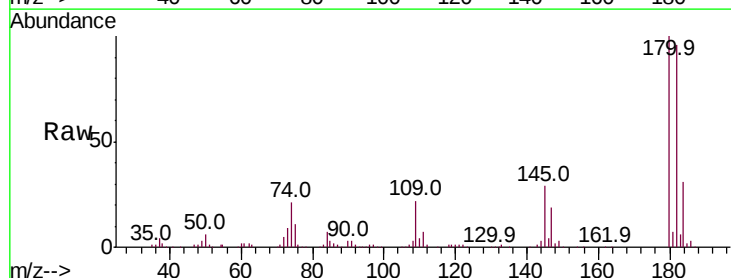
8.00

Time-->



#30
1,2,4-Trichlorobenzene
Concen: 31.575 ng
RT: 8.08 min Scan# 1019
Delta R.T. -0.01 min
Lab File: BF112179.D
Acq: 22 Jan 2019 1:44

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.7	76.4	114.6
145	29.4	25.0	37.4



Abundance

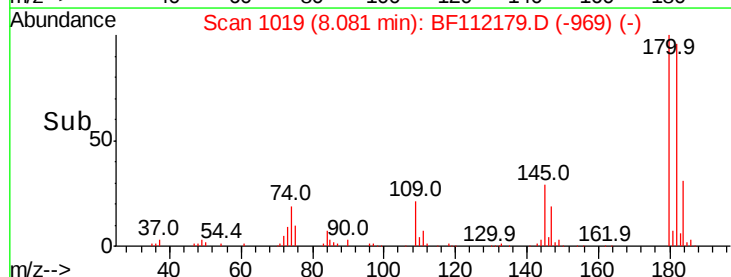
Ion 180.00 (179.70 to 180.70): E

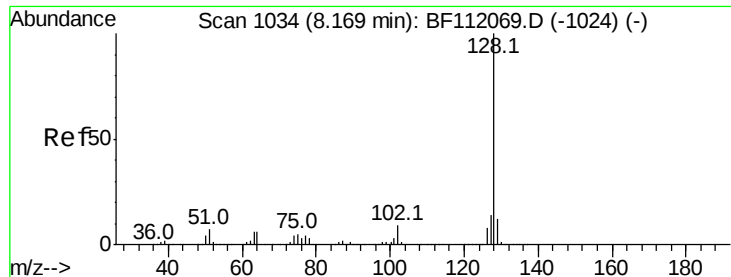
Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

8.08

Time-->

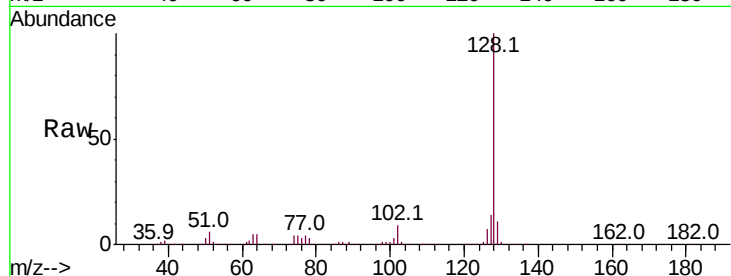




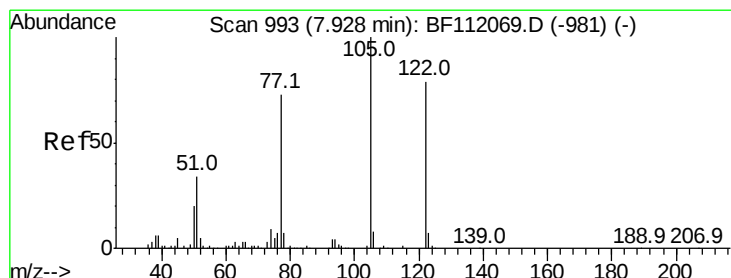
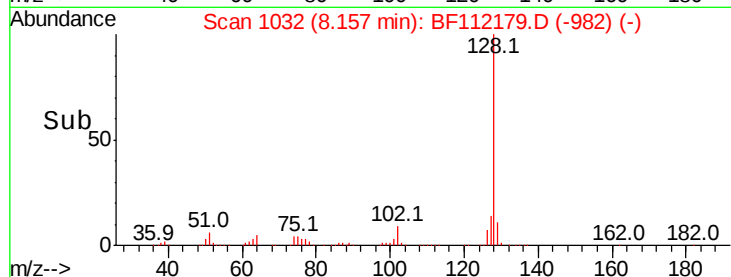
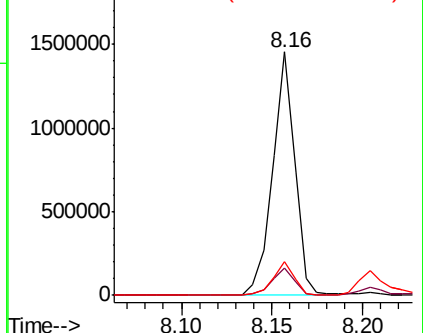
#31
Naphthalene
Concen: 33.934 ng
RT: 8.16 min Scan# 1032
Delta R.T. -0.01 min
Lab File: BF112179.D
Acq: 22 Jan 2019 1:44

Instrument :
BNA_F
ClientSampleId :
PB116516BS

Tot Ion:128 Resp: 1234913
Ion Ratio Lower Upper
128 100
129 11.4 9.6 14.4
127 13.6 11.1 16.7

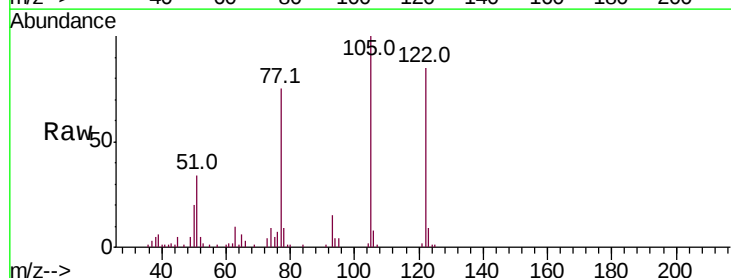


Abundance Ion 128.00 (127.70 to 128.70): E
2000000 Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

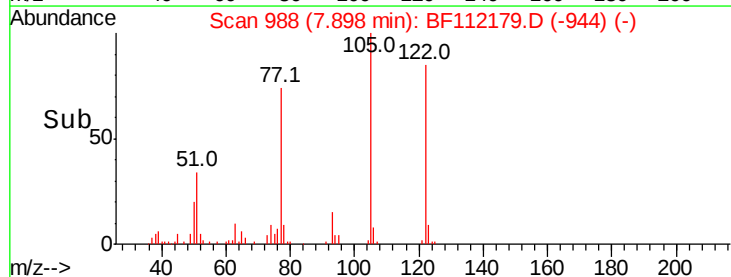
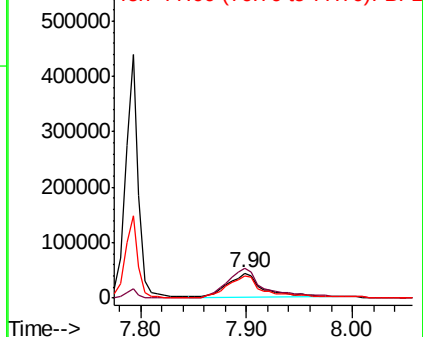


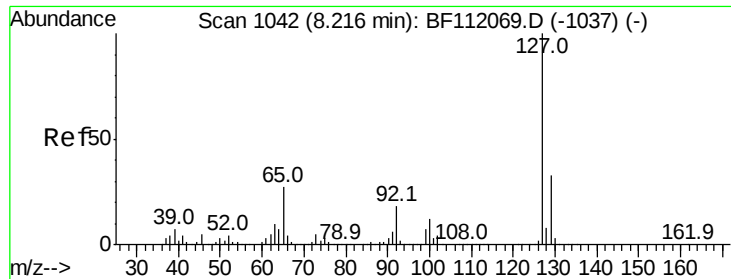
#32
Benzoic acid
Concen: 26.910 ng
RT: 7.90 min Scan# 988
Delta R.T. -0.04 min
Lab File: BF112179.D
Acq: 22 Jan 2019 1:44

Tgt Ion:122 Resp: 97643
Ion Ratio Lower Upper
122 100
105 117.5 101.2 141.2
77 88.7 70.4 110.4



Abundance Ion 122.00 (121.70 to 122.70): E
600000 Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF1

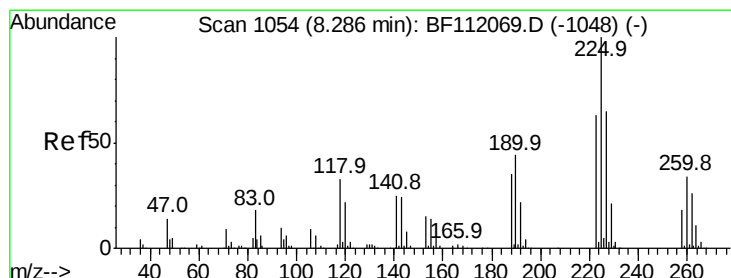
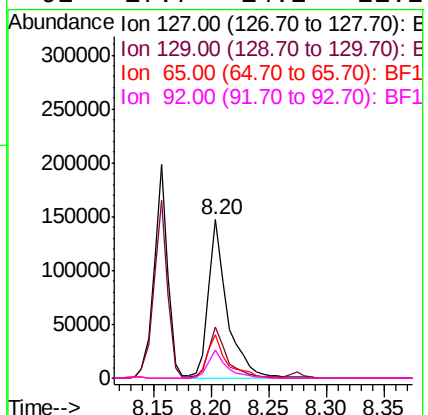
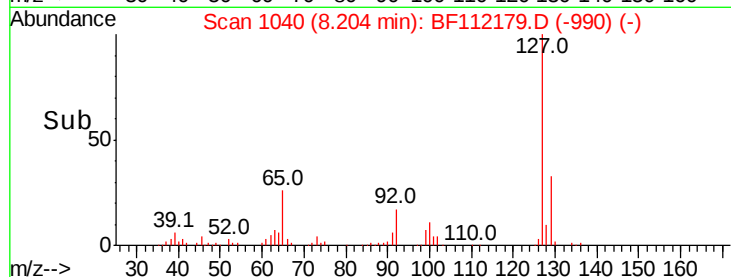
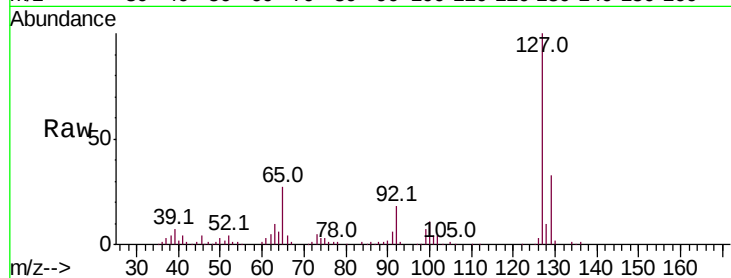




#33
4-Chloroaniline
Concen: 10.262 ng
RT: 8.20 min Scan# 1040
Delta R.T. -0.01 min
Lab File: BF112179.D
Acq: 22 Jan 2019 1:44

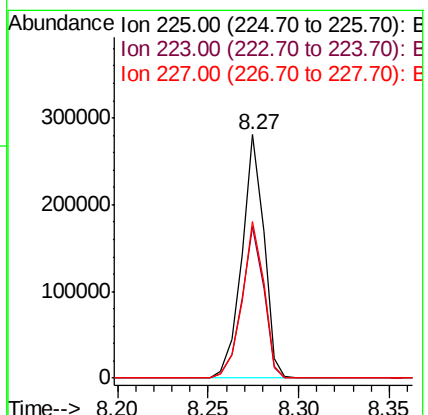
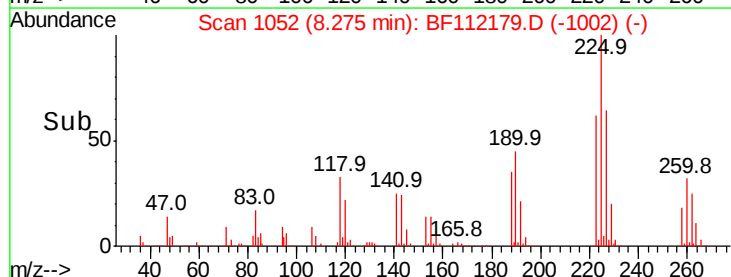
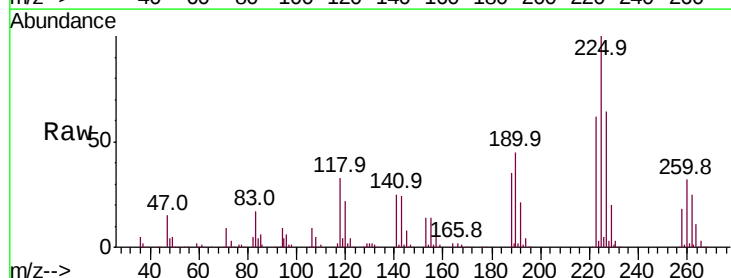
Instrument :
BNA_F
ClientSampleId :
PB116516BS

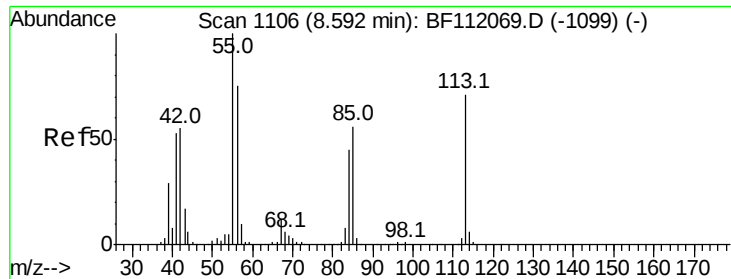
Tot Ion:	127	Resp:	167838
Ion	Ratio	Lower	Upper
127	100		
129	32.7	26.6	39.8
65	27.2	21.4	32.2
92	17.7	14.2	21.2



#34
Hexachlorobutadiene
Concen: 32.242 ng
RT: 8.27 min Scan# 1052
Delta R.T. -0.01 min
Lab File: BF112179.D
Acq: 22 Jan 2019 1:44

Tgt Ion:	225	Resp:	236190
Ion	Ratio	Lower	Upper
225	100		
223	62.3	50.3	75.5
227	64.5	51.8	77.8

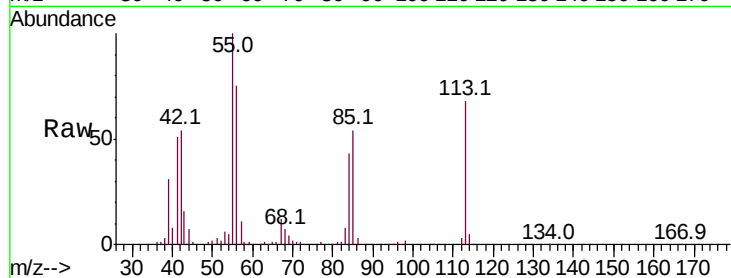




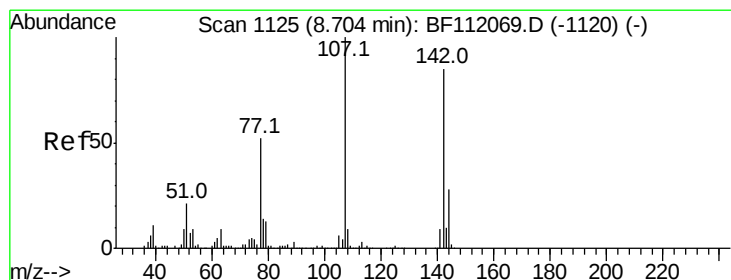
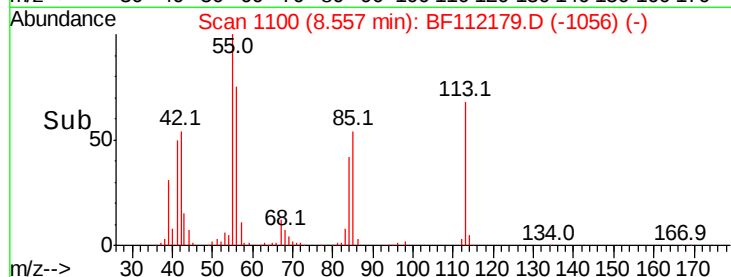
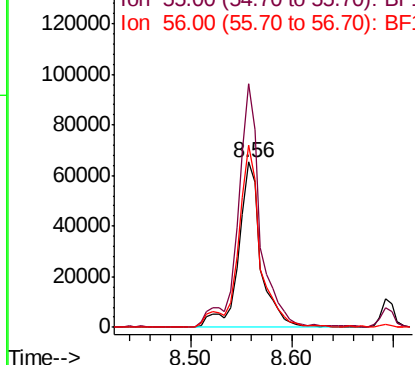
#35
 Caprolactam
 Concen: 25.055 ng
 RT: 8.56 min Scan# 1100
 Delta R.T. -0.04 min
 Lab File: BF112179.D
 Acq: 22 Jan 2019 1:44

Instrument :
 BNA_F
 ClientSampleId :
 PB116516BS

Tot Ion:113 Resp: 99466
 Ion Ratio Lower Upper
 113 100
 55 147.2 121.6 161.6
 56 110.1 86.7 126.7

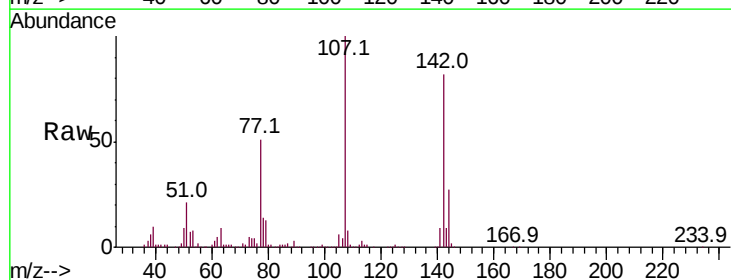


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1

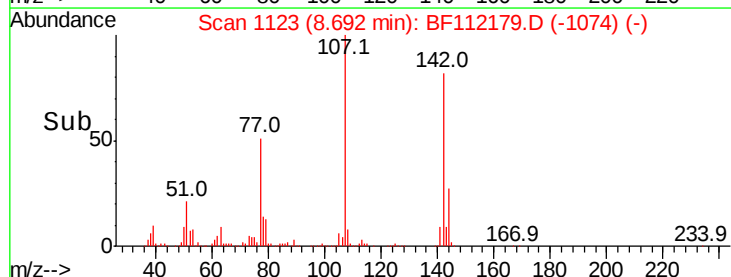
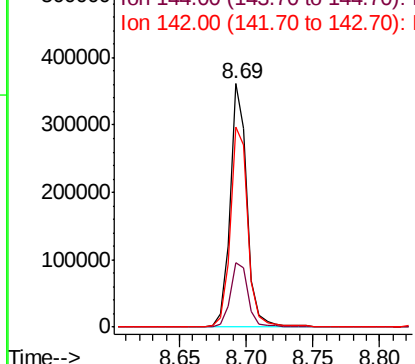


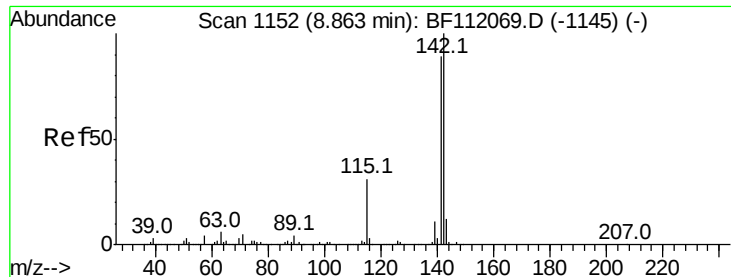
#36
 4-Chloro-3-methylphenol
 Concen: 29.175 ng
 RT: 8.69 min Scan# 1123
 Delta R.T. -0.01 min
 Lab File: BF112179.D
 Acq: 22 Jan 2019 1:44

Tgt Ion:107 Resp: 323219
 Ion Ratio Lower Upper
 107 100
 144 26.5 22.2 33.2
 142 81.9 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

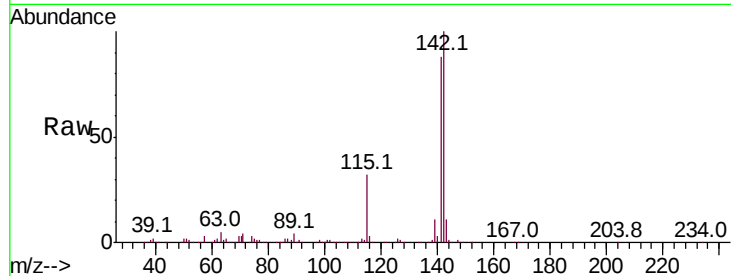




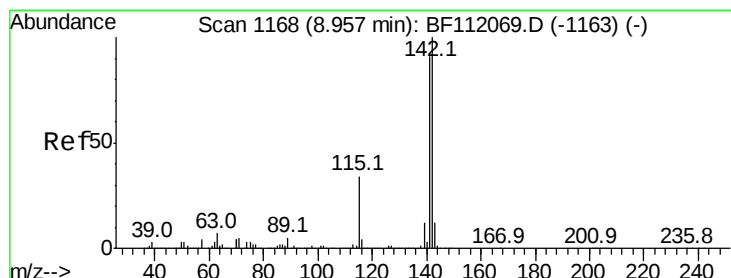
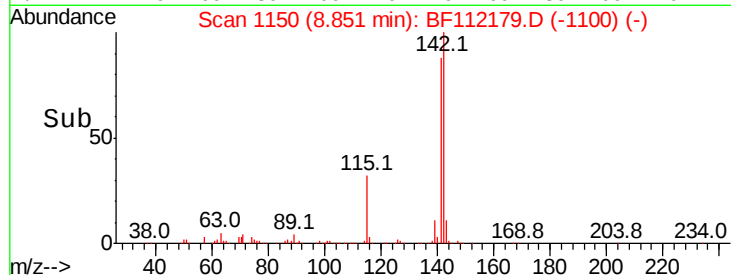
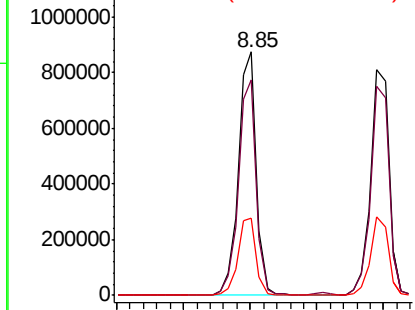
#37
 2-Methylnaphthalene
 Concen: 33.135 ng
 RT: 8.85 min Scan# 1150
 Delta R.T. -0.01 min
 Lab File: BF112179.D
 Acq: 22 Jan 2019 1:44

Instrument :
 BNA_F
 ClientSampleId :
 PB116516BS

Tot Ion:142 Resp: 818821
 Ion Ratio Lower Upper
 142 100
 141 88.5 70.9 106.3
 115 31.6 24.9 37.3

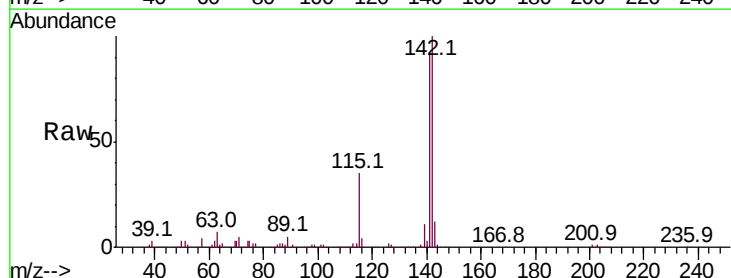


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

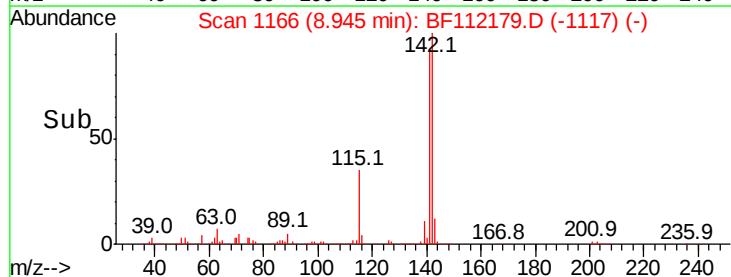
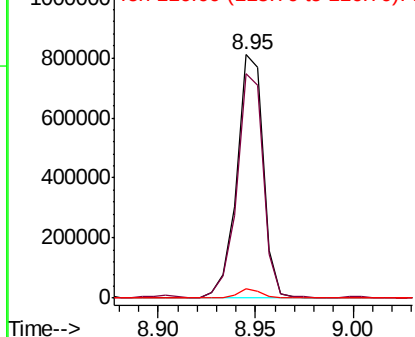


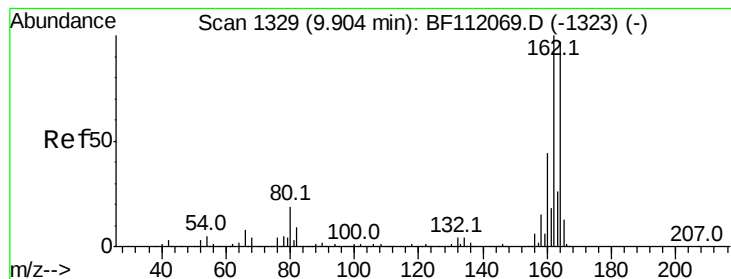
#38
 1-Methylnaphthalene
 Concen: 32.027 ng
 RT: 8.95 min Scan# 1166
 Delta R.T. -0.01 min
 Lab File: BF112179.D
 Acq: 22 Jan 2019 1:44

Tgt Ion:142 Resp: 760615
 Ion Ratio Lower Upper
 142 100
 141 92.4 72.6 108.8
 116 3.8 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: BF112179.D

Acq: 22 Jan 2019 1:44

Instrument :

BNA_F

ClientSampleId :

PB116516BS

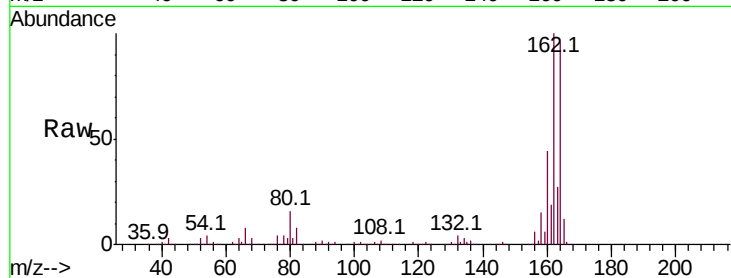
Tot Ion:164 Resp: 315048

Ion Ratio Lower Upper

164 100

162 104.4 82.2 123.4

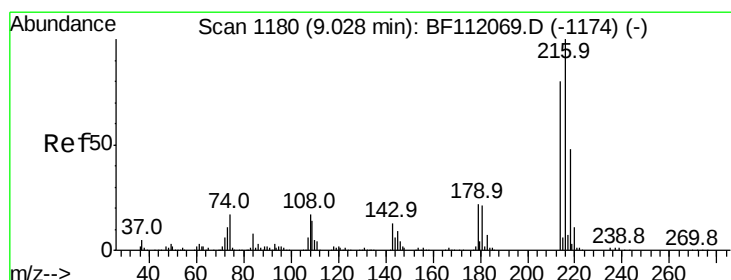
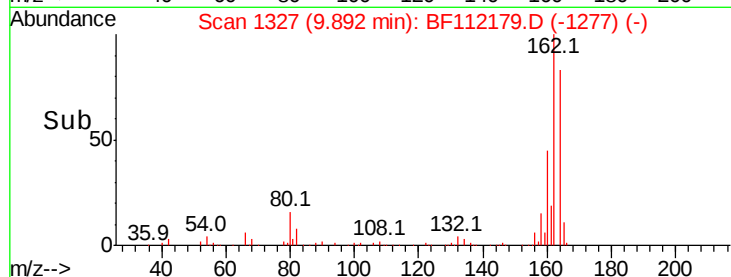
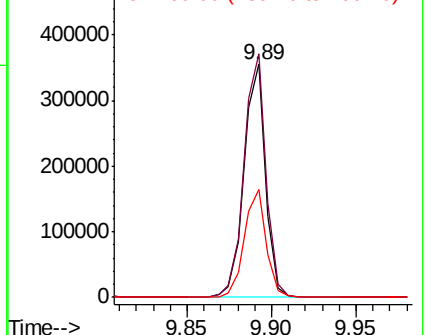
160 46.2 36.2 54.4



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: 35.895 ng

RT: 9.02 min Scan# 1178

Delta R.T. -0.01 min

Lab File: BF112179.D

Acq: 22 Jan 2019 1:44

Tgt Ion:216 Resp: 363131

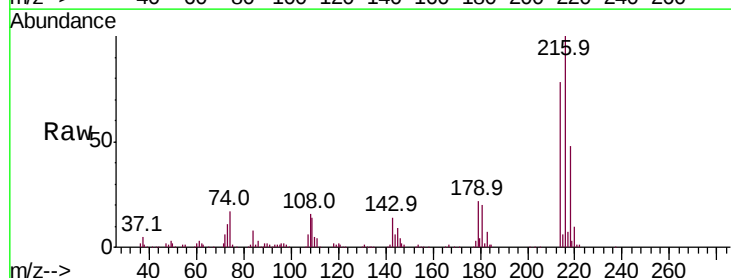
Ion Ratio Lower Upper

216 100

214 78.6 63.8 95.6

179 21.4 16.9 25.3

108 16.7 14.2 21.4

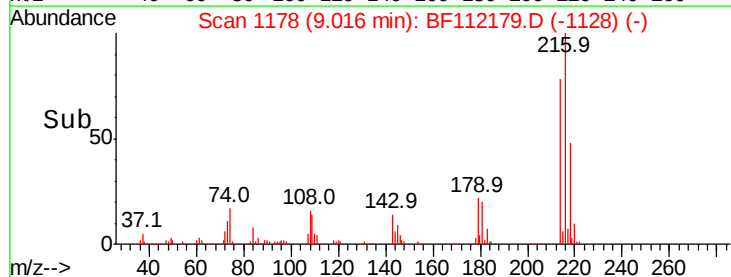
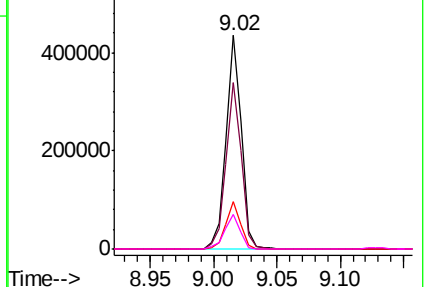


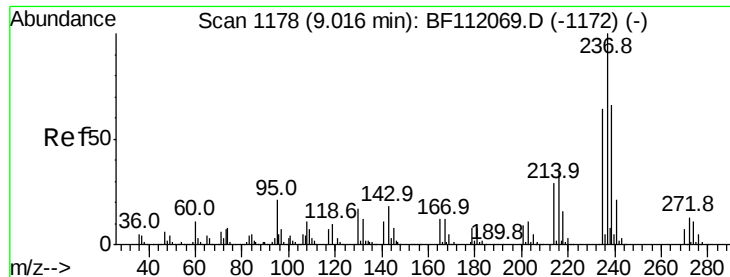
Abundance Ion 216.00 (215.70 to 216.70): E

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: 13.201 ng

RT: 9.00 min Scan# 1176

Delta R.T. -0.01 min

Lab File: BF112179.D

Acq: 22 Jan 2019 1:44

Instrument :

BNA_F

ClientSampleId :

PB116516BS

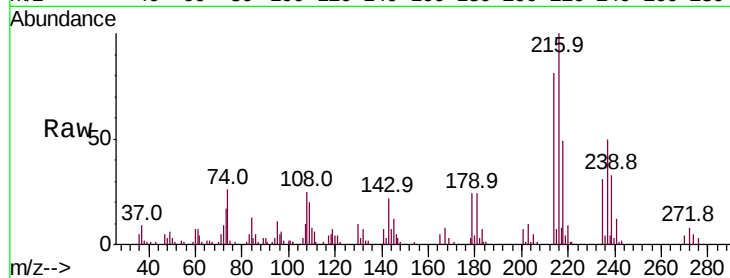
Tot Ion:237 Resp: 23944

Ion Ratio Lower Upper

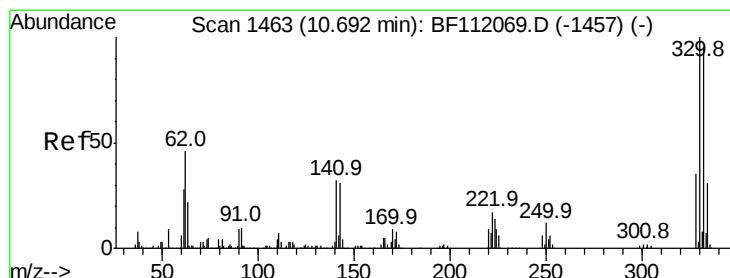
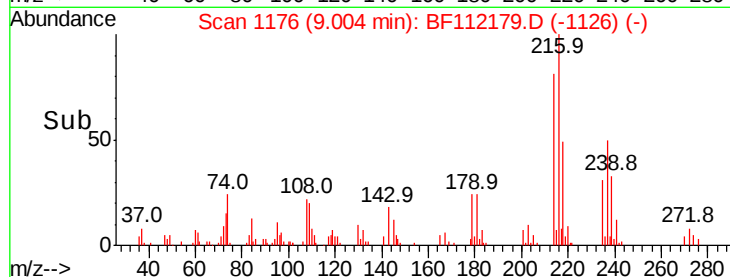
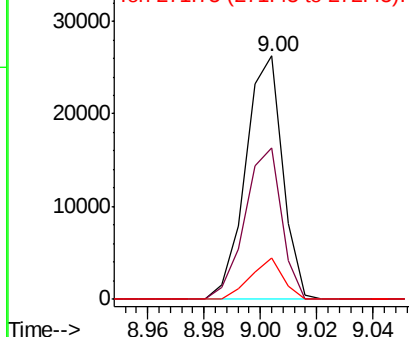
237 100

235 62.2 44.0 84.0

272 16.9 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: 62.800 ng

RT: 10.68 min Scan# 1461

Delta R.T. -0.01 min

Lab File: BF112179.D

Acq: 22 Jan 2019 1:44

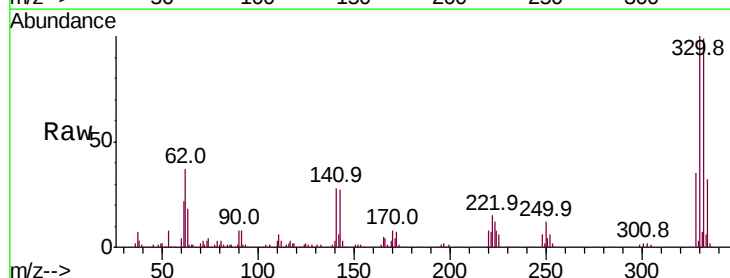
Tgt Ion:330 Resp: 213436

Ion Ratio Lower Upper

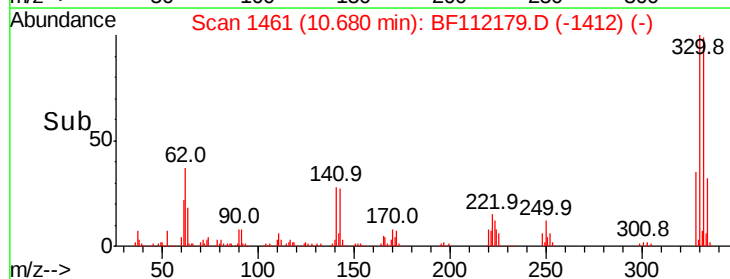
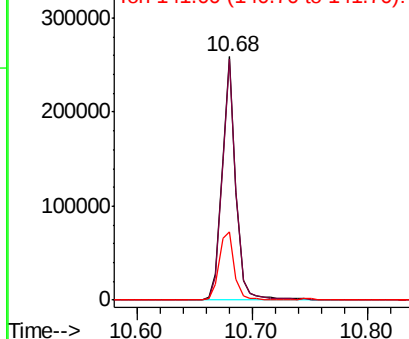
330 100

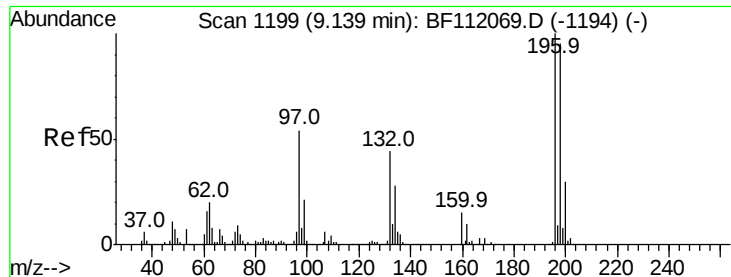
332 98.9 76.6 114.8

141 31.8 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

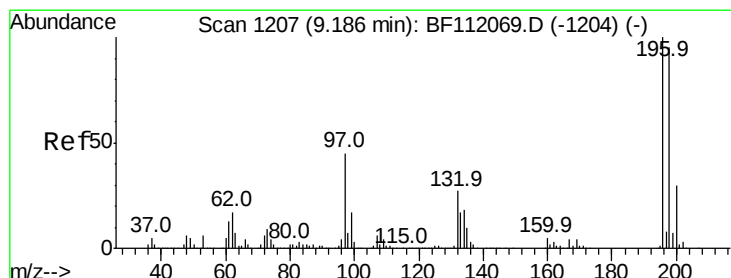
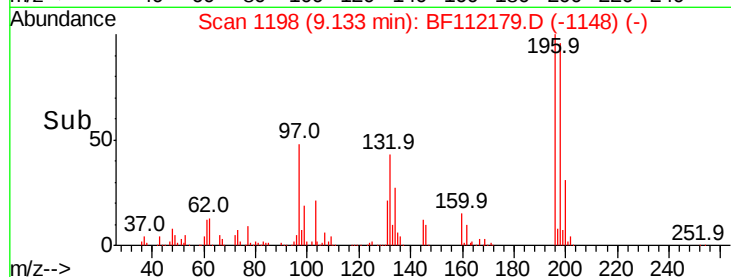
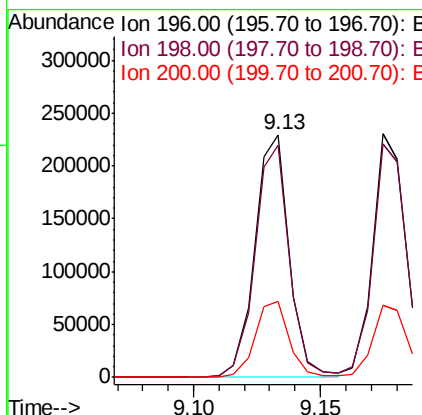
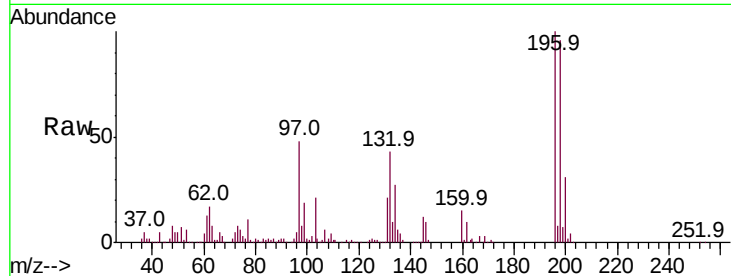




#43
 2,4,6-Trichlorophenol
 Concen: 35.955 ng
 RT: 9.13 min Scan# 1198
 Delta R.T. -0.01 min
 Lab File: BF112179.D
 Acq: 22 Jan 2019 1:44

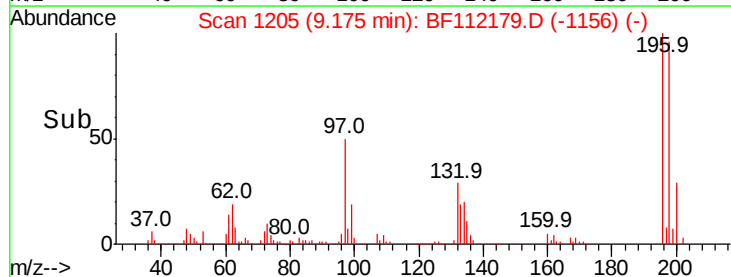
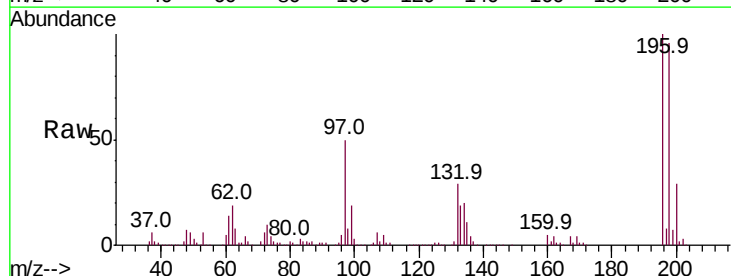
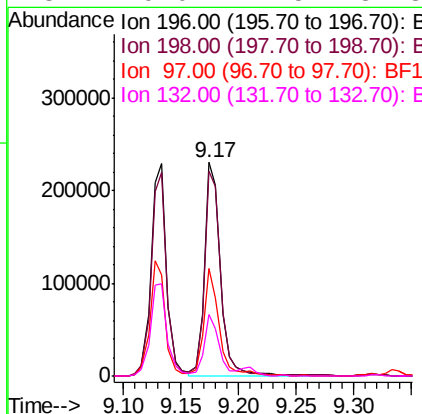
Instrument :
 BNA_F
 ClientSampleId :
 PB116516BS

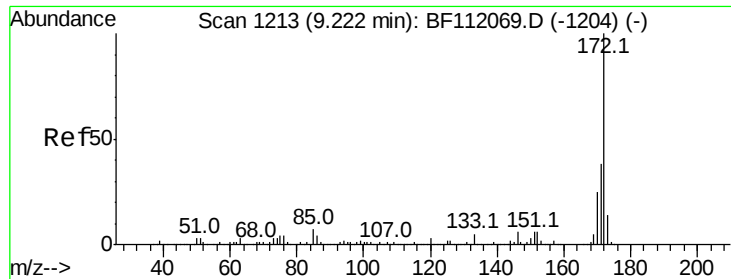
Tot Ion	Ratio	Lower	Upper
196	100		
198	95.8	76.2	114.4
200	31.2	24.3	36.5



#44
 2,4,5-Trichlorophenol
 Concen: 34.417 ng
 RT: 9.17 min Scan# 1205
 Delta R.T. -0.01 min
 Lab File: BF112179.D
 Acq: 22 Jan 2019 1:44

Tgt Ion	Ratio	Lower	Upper
196	100		
198	95.9	76.0	114.0
97	50.4	36.4	54.6
132	29.0	21.5	32.3

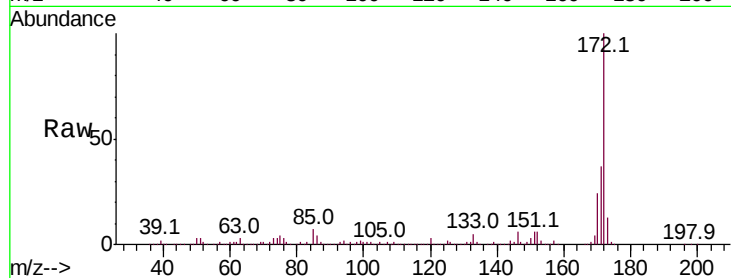




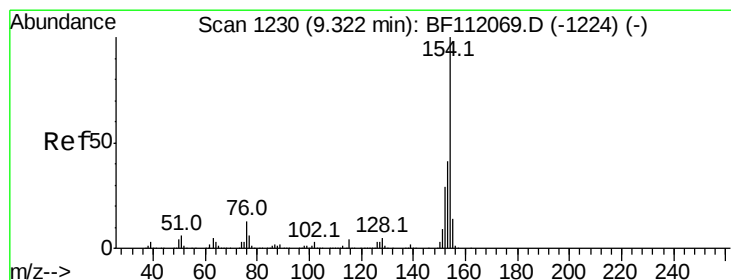
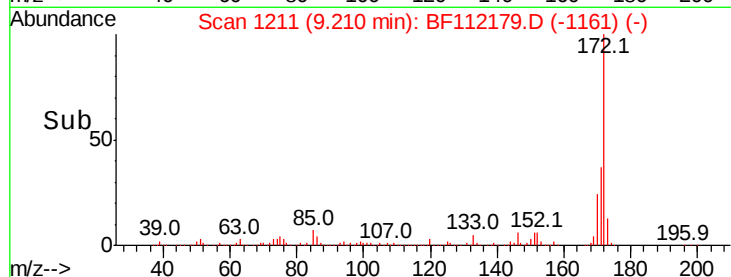
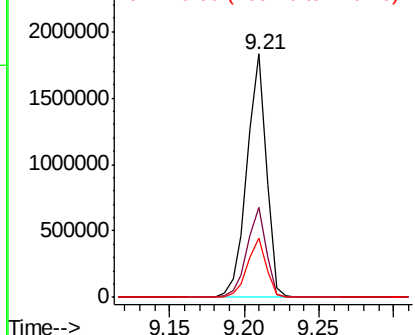
#45
2-Fluorobiphenyl
Concen: 77.051 ng
RT: 9.21 min Scan# 1211
Delta R.T. -0.01 min
Lab File: BF112179.D
Acq: 22 Jan 2019 1:44

Instrument :
BNA_F
ClientSampleId :
PB116516BS

Tot Ion:172 Resp: 1655720
Ion Ratio Lower Upper
172 100
171 37.0 30.5 45.7
170 24.4 20.2 30.4

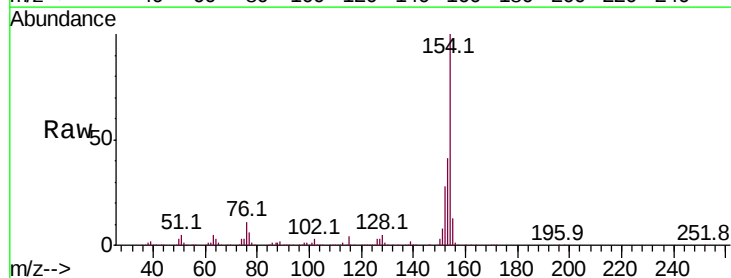


Abundance Ion 172.00 (171.70 to 172.70): E
2500000 Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

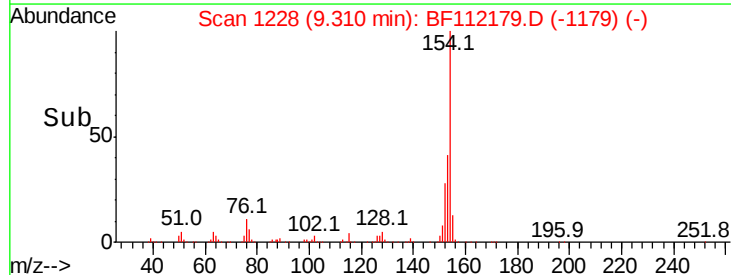
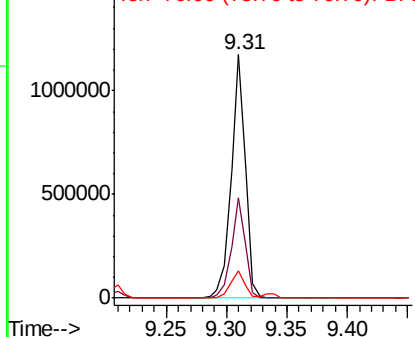


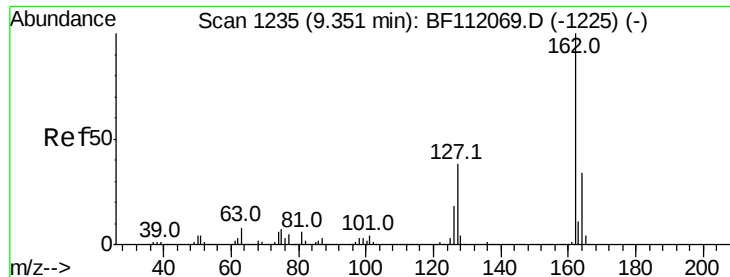
#46
1,1'-Biphenyl
Concen: 36.172 ng
RT: 9.31 min Scan# 1228
Delta R.T. -0.01 min
Lab File: BF112179.D
Acq: 22 Jan 2019 1:44

Tgt Ion:154 Resp: 952886
Ion Ratio Lower Upper
154 100
153 41.0 21.5 61.5
76 11.4 0.0 33.1



Abundance Ion 154.00 (153.70 to 154.70): E
1500000 Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF1





#47

2-Chloronaphthalene

Concen: 33.987 ng

RT: 9.34 min Scan# 1233

Delta R.T. -0.01 min

Lab File: BF112179.D

Acq: 22 Jan 2019 1:44

Instrument :

BNA_F

ClientSampleId :

PB116516BS

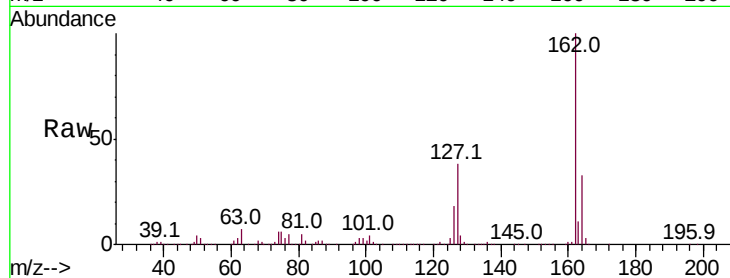
Tot Ion:162 Resp: 700827

Ion Ratio Lower Upper

162 100

127 38.0 30.4 45.6

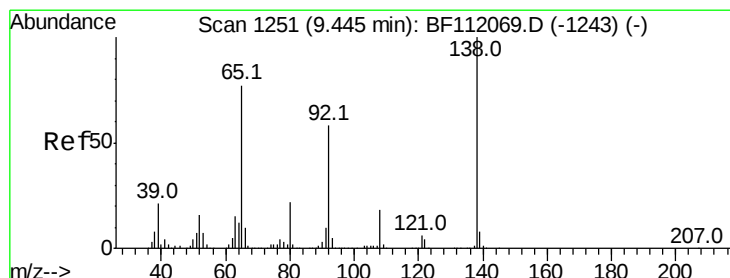
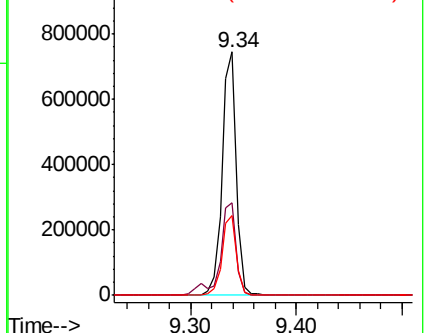
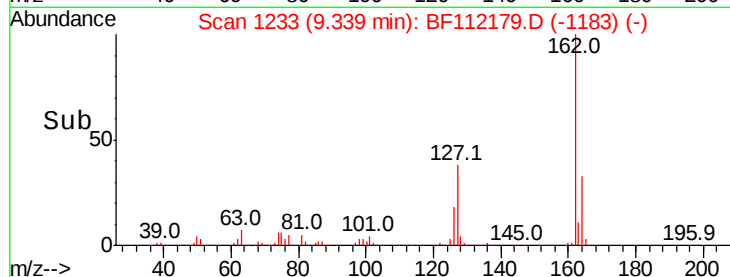
164 32.7 27.4 41.2



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: 40.793 ng

RT: 9.43 min Scan# 1248

Delta R.T. -0.01 min

Lab File: BF112179.D

Acq: 22 Jan 2019 1:44

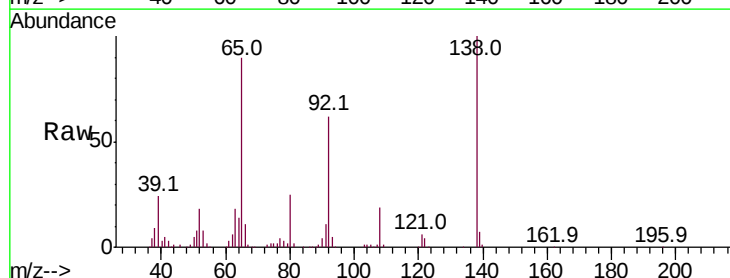
Tgt Ion: 65 Resp: 189471

Ion Ratio Lower Upper

65 100

92 68.7 60.4 90.6

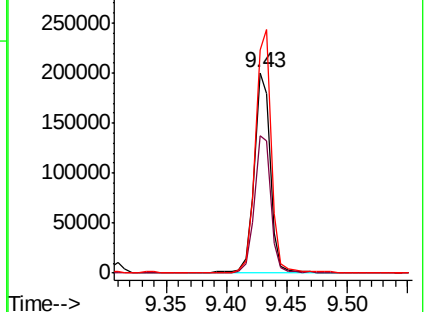
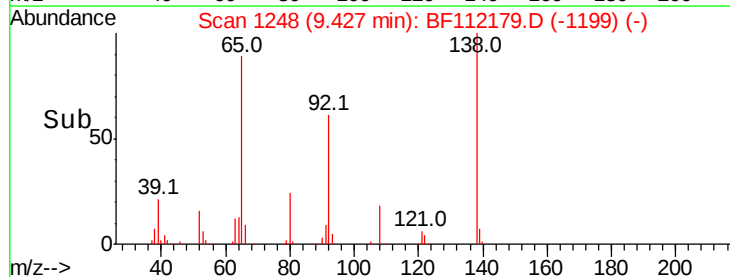
138 111.6 104.4 156.6

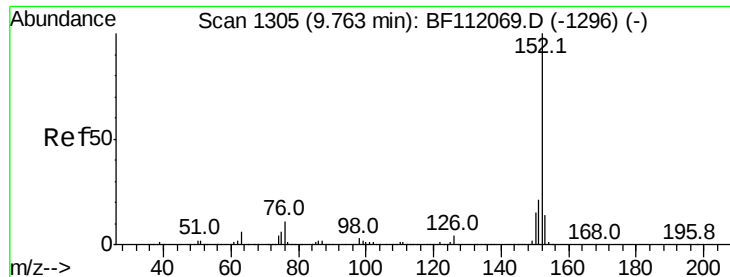


Abundance Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 35.107 ng

RT: 9.75 min Scan# 1303

Delta R.T. -0.01 min

Lab File: BF112179.D

Acq: 22 Jan 2019 1:44

Instrument :

BNA_F

ClientSampleId :

PB116516BS

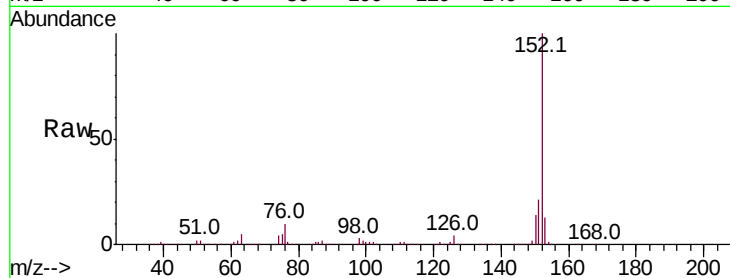
Tot Ion:152 Resp: 1056419

Ion Ratio Lower Upper

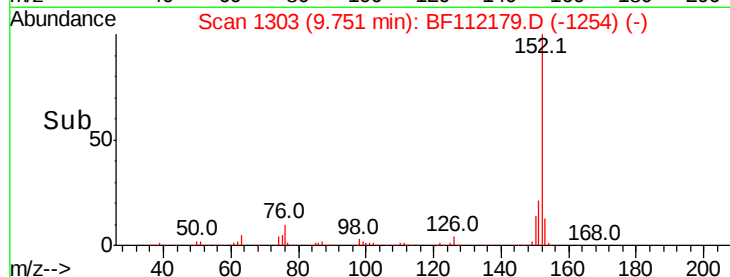
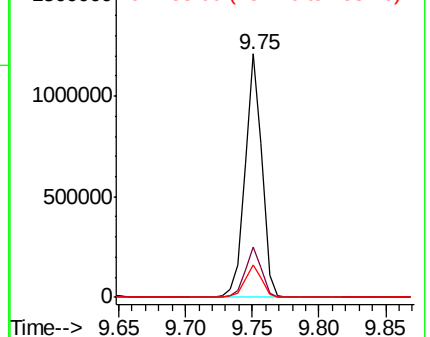
152 100

151 20.7 17.0 25.6

153 13.2 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: 37.349 ng

RT: 9.60 min Scan# 1278

Delta R.T. -0.02 min

Lab File: BF112179.D

Acq: 22 Jan 2019 1:44

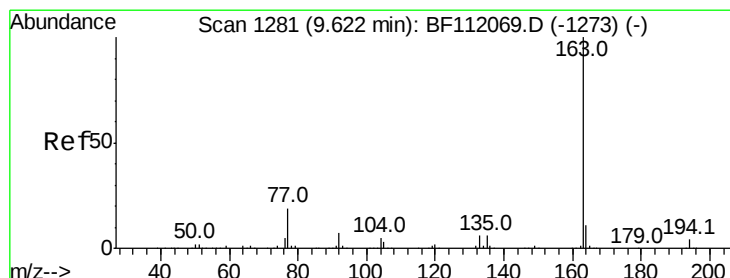
Tgt Ion:163 Resp: 858126

Ion Ratio Lower Upper

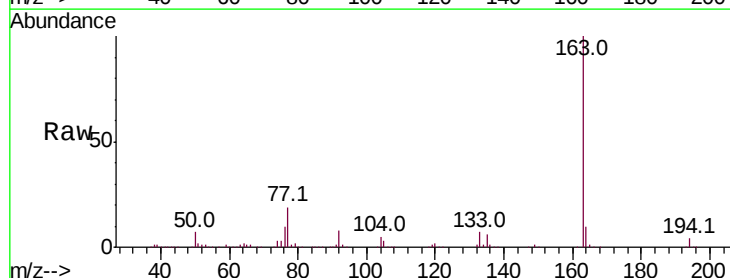
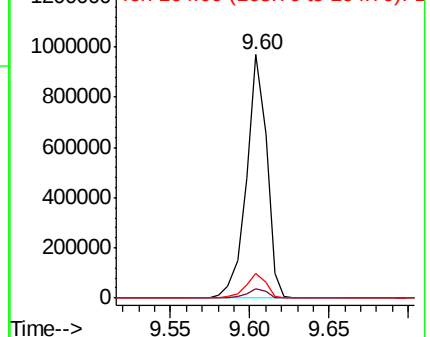
163 100

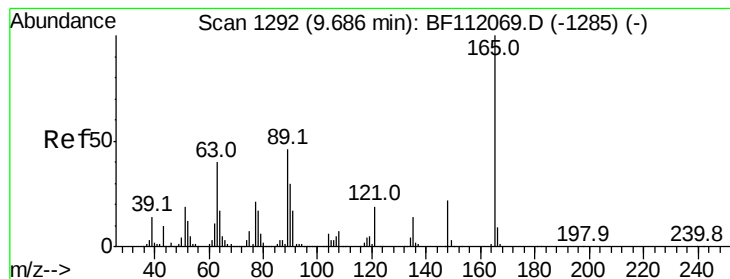
194 4.0 3.3 4.9

164 10.3 8.5 12.7



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





#51

2,6-Dinitrotoluene

Concen: 34.332 ng

RT: 9.67 min Scan# 1289

Delta R.T. -0.01 min

Lab File: BF112179.D

Acq: 22 Jan 2019 1:44

Instrument :

BNA_F

ClientSampleId :

PB116516BS

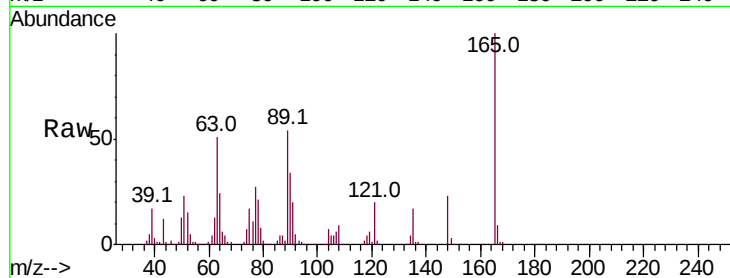
Tot Ion:165 Resp: 157529

Ion Ratio Lower Upper

165 100

63 50.9 33.8 50.8#

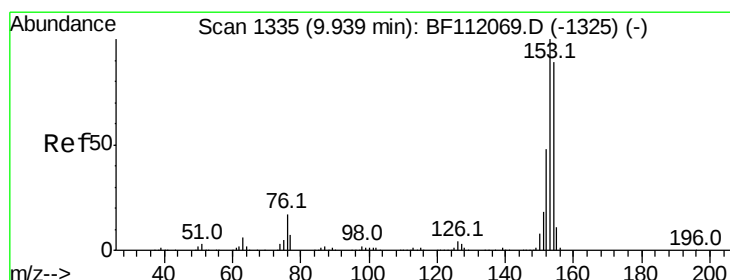
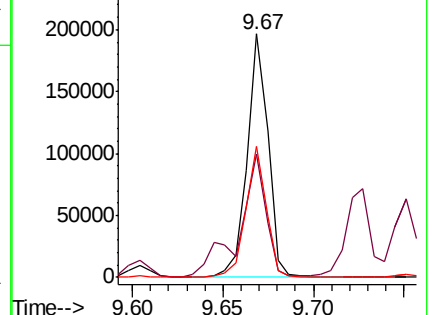
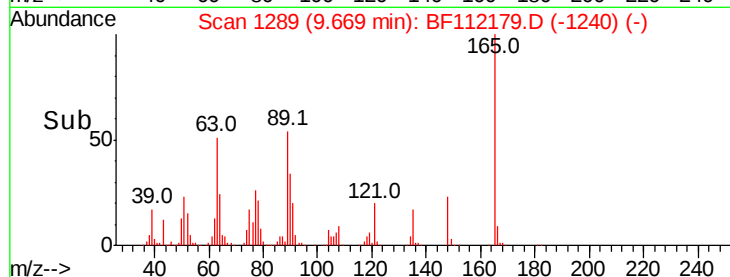
89 53.8 36.9 55.3



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1



#52

Acenaphthene

Concen: 32.647 ng

RT: 9.92 min Scan# 1332

Delta R.T. -0.01 min

Lab File: BF112179.D

Acq: 22 Jan 2019 1:44

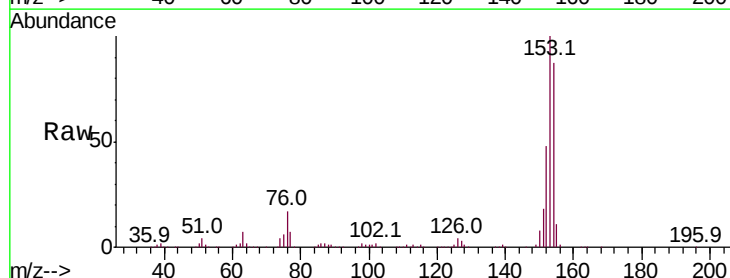
Tgt Ion:154 Resp: 601071

Ion Ratio Lower Upper

154 100

153 114.7 89.8 134.6

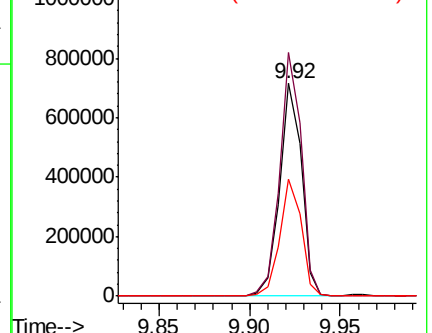
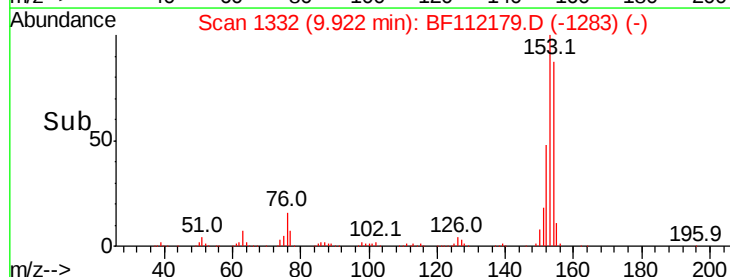
152 54.9 43.5 65.3

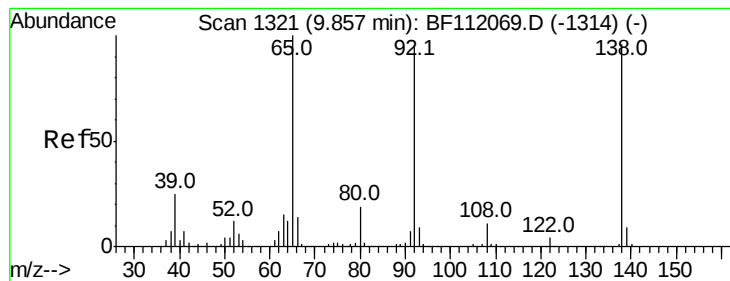


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#53

3-Nitroaniline

Concen: 28.468 ng

RT: 9.84 min Scan# 1318

Delta R.T. -0.01 min

Lab File: BF112179.D

Acq: 22 Jan 2019 1:44

Instrument :

BNA_F

ClientSampleId :

PB116516BS

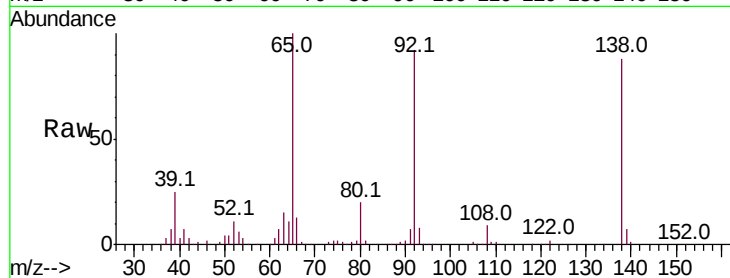
Tot Ion:138 Resp: 146071

Ion Ratio Lower Upper

138 100

108 10.4 9.8 14.6

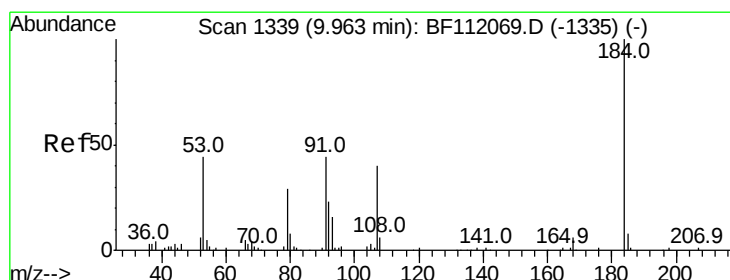
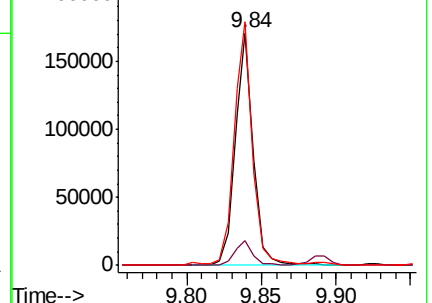
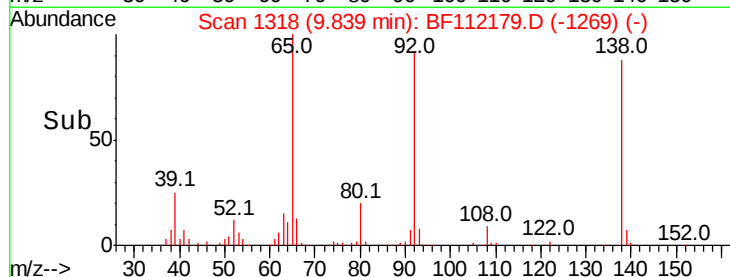
92 104.8 79.4 119.2



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: 15.136 ng

RT: 9.96 min Scan# 1338

Delta R.T. -0.01 min

Lab File: BF112179.D

Acq: 22 Jan 2019 1:44

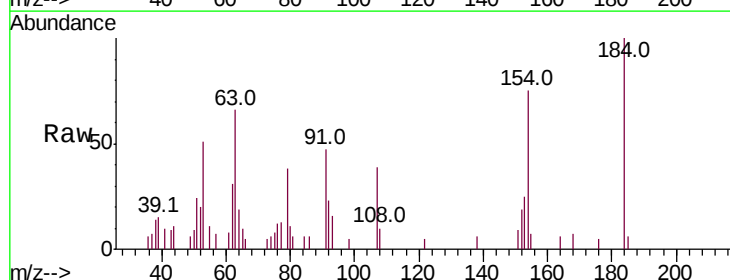
Tgt Ion:184 Resp: 7026

Ion Ratio Lower Upper

184 100

63 66.3 47.1 70.7

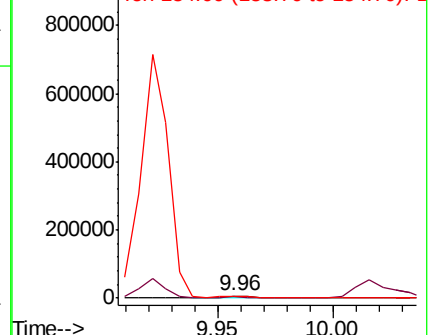
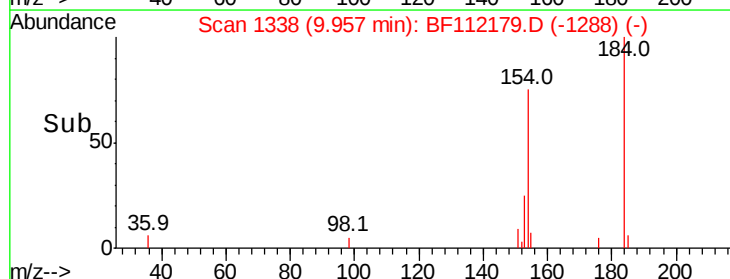
154 74.9 48.9 73.3#

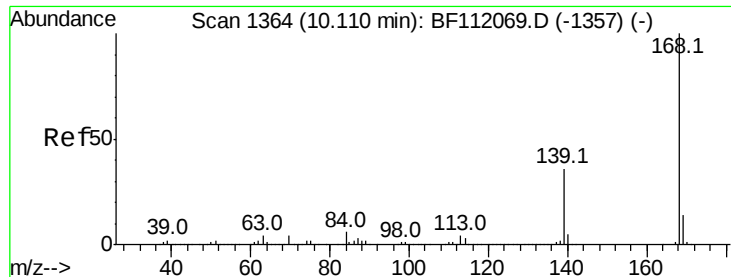


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E

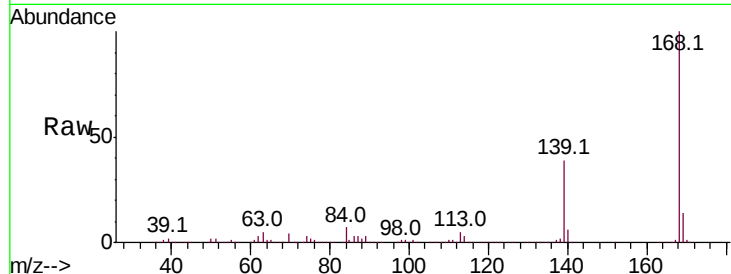




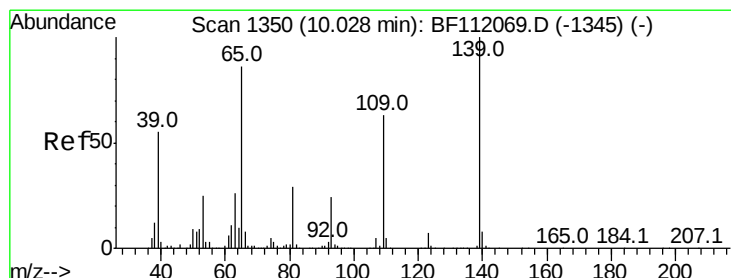
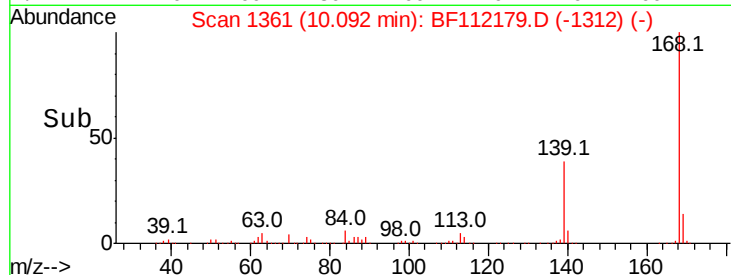
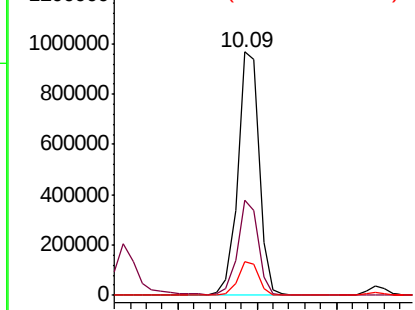
#55
Dibenzenofuran
Concen: 32.603 ng
RT: 10.09 min Scan# 1361
Delta R.T. -0.01 min
Lab File: BF112179.D
Acq: 22 Jan 2019 1:44

Instrument :
BNA_F
ClientSampleId :
PB116516BS

Tot Ion:168 Resp: 907763
Ion Ratio Lower Upper
168 100
139 38.8 29.2 43.8
169 13.9 11.4 17.0

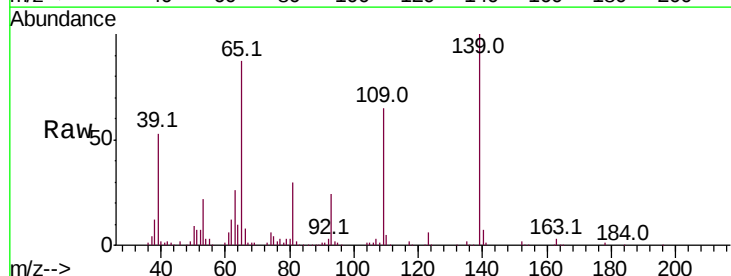


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

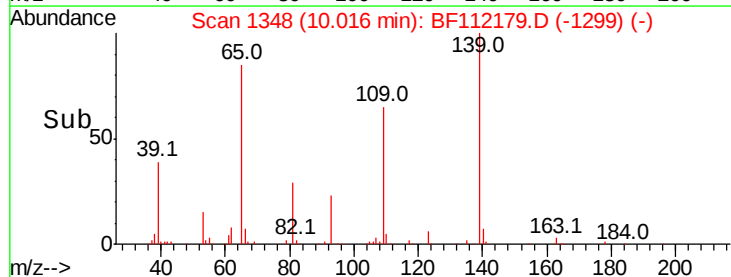
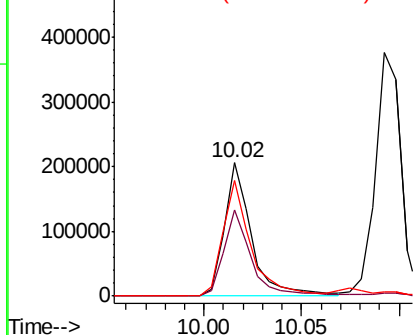


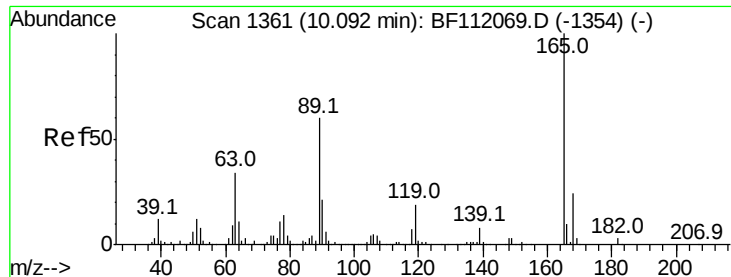
#56
4-Nitrophenol
Concen: 55.821 ng
RT: 10.02 min Scan# 1348
Delta R.T. -0.01 min
Lab File: BF112179.D
Acq: 22 Jan 2019 1:44

Tgt Ion:139 Resp: 197964
Ion Ratio Lower Upper
139 100
109 64.8 42.8 82.8
65 87.1 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

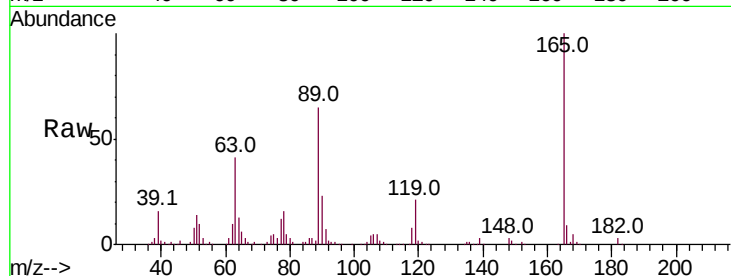




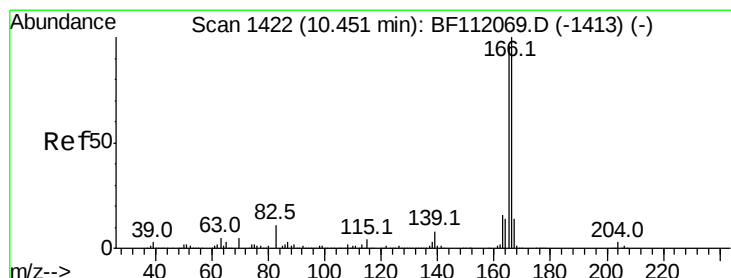
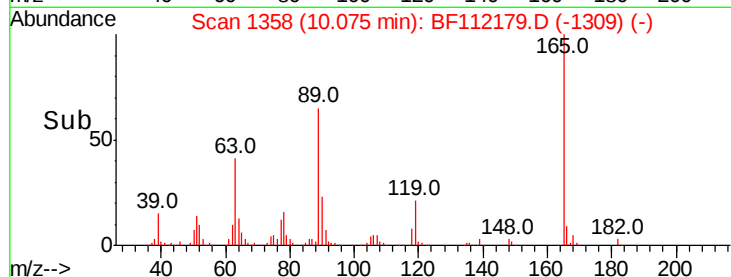
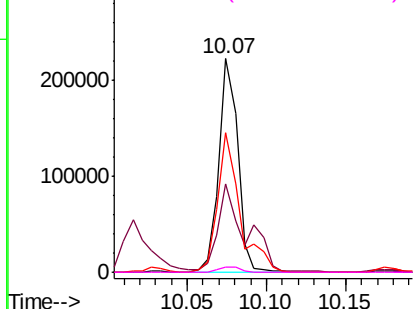
#57
2,4-Dinitrotoluene
Concen: 32.931 ng
RT: 10.07 min Scan# 1358
Delta R.T. -0.01 min
Lab File: BF112179.D
Acq: 22 Jan 2019 1:44

Instrument :
BNA_F
ClientSampleId :
PB116516BS

Tot Ion:165 Resp: 184596
Ion Ratio Lower Upper
165 100
63 41.2 27.9 41.9
89 65.1 47.9 71.9
182 2.7 2.2 3.4

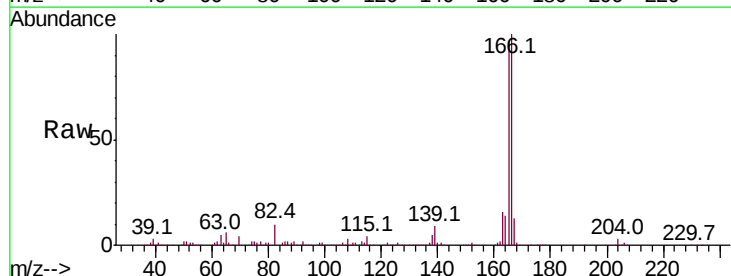


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

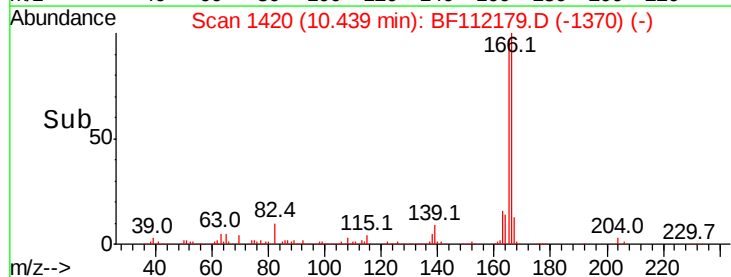
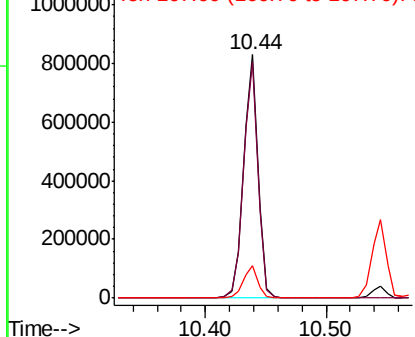


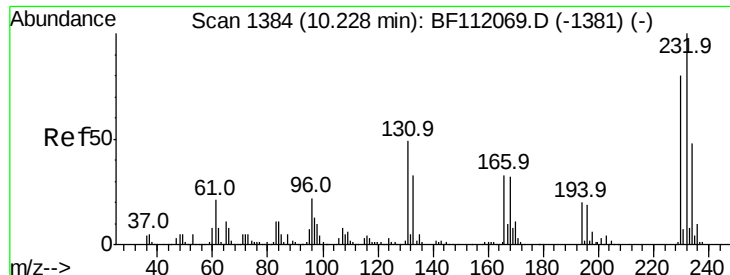
#58
Fluorene
Concen: 33.308 ng
RT: 10.44 min Scan# 1420
Delta R.T. -0.01 min
Lab File: BF112179.D
Acq: 22 Jan 2019 1:44

Tgt Ion:166 Resp: 692900
Ion Ratio Lower Upper
166 100
165 97.0 77.1 115.7
167 13.3 11.3 16.9



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E





#59

2,3,4,6-Tetrachlorophenol

Concen: 33.613 ng

RT: 10.22 min Scan# 1383

Delta R.T. -0.01 min

Lab File: BF112179.D

Acq: 22 Jan 2019 1:44

Instrument :

BNA_F

ClientSampleId :

PB116516BS

Tot Ion:232 Resp: 163494

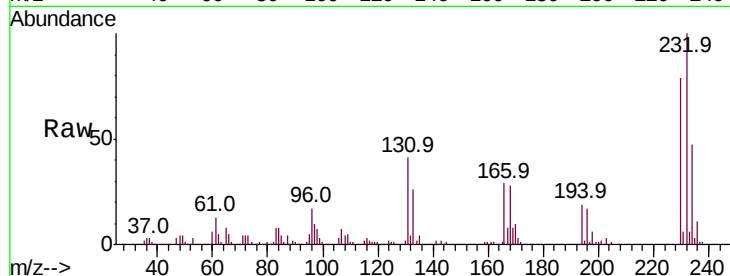
Ion Ratio Lower Upper

232 100

131 44.7 33.9 50.9

130 2.2 1.8 2.6

166 29.9 23.6 35.4

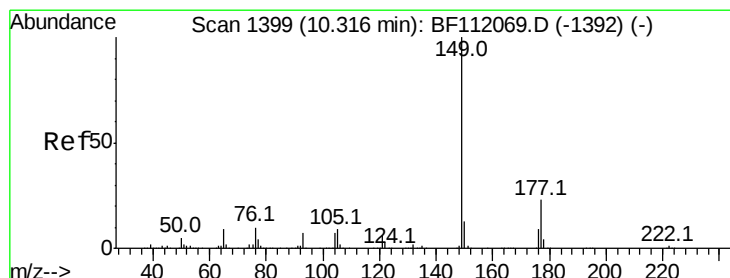
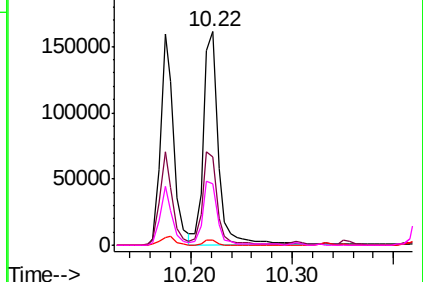
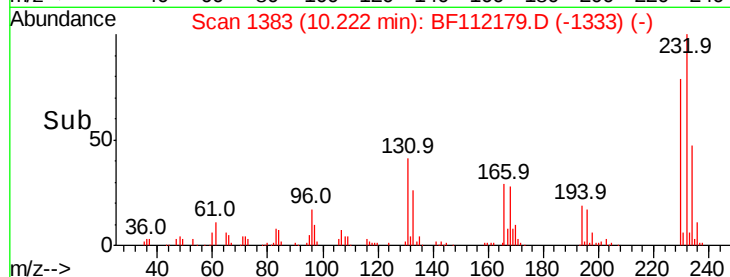


Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60

Diethylphthalate

Concen: 35.968 ng

RT: 10.30 min Scan# 1397

Delta R.T. -0.01 min

Lab File: BF112179.D

Acq: 22 Jan 2019 1:44

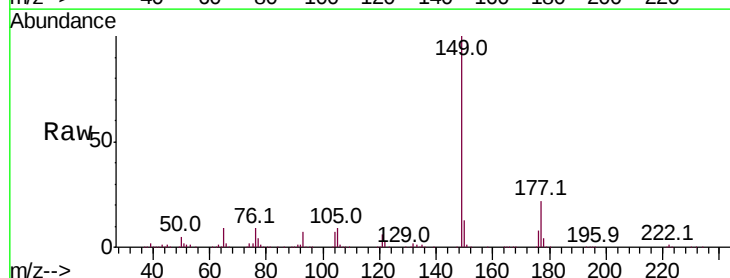
Tgt Ion:149 Resp: 806665

Ion Ratio Lower Upper

149 100

177 22.2 18.2 27.2

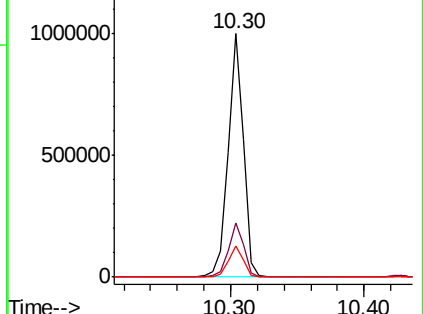
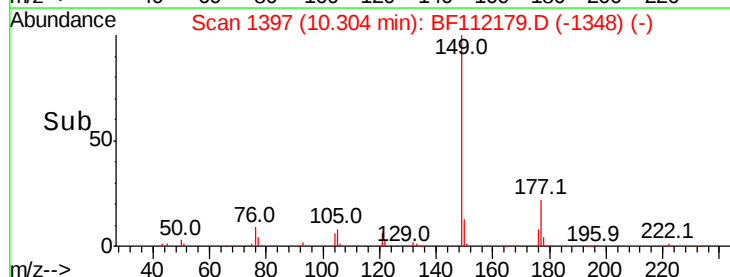
150 12.6 10.4 15.6

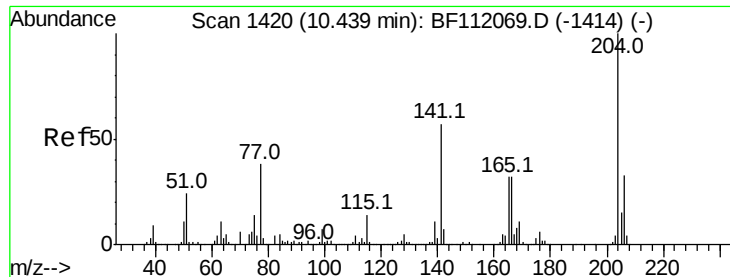


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

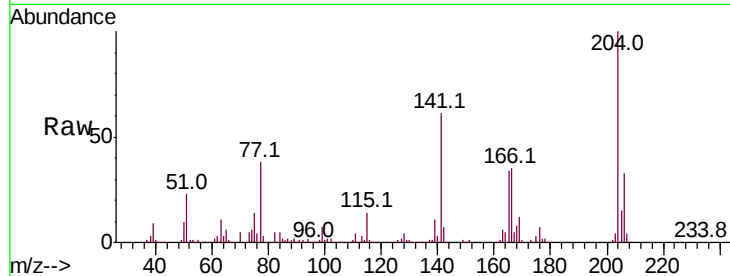




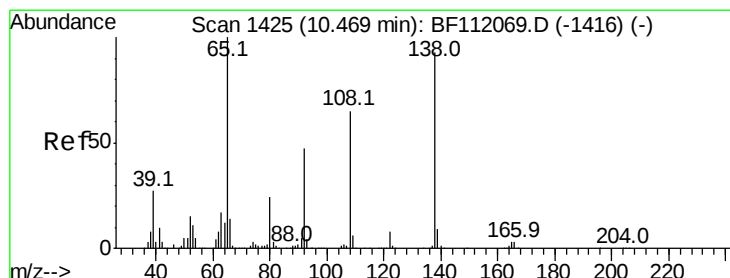
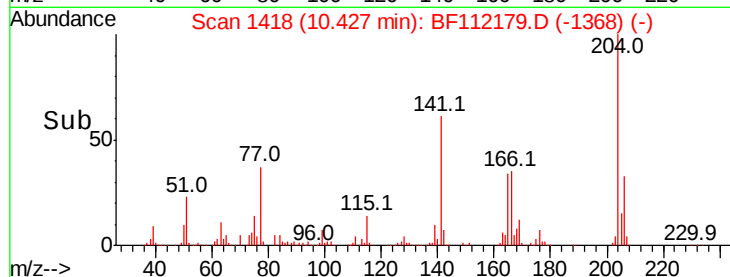
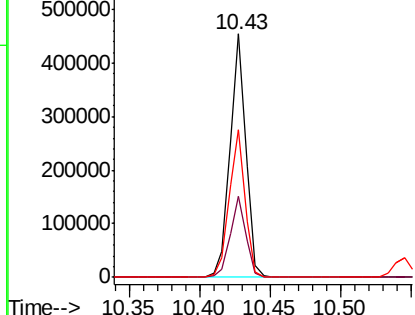
#61
4-Chlorophenyl-phenylether
Concen: 31.531 ng
RT: 10.43 min Scan# 1418
Delta R.T. -0.01 min
Lab File: BF112179.D
Acq: 22 Jan 2019 1:44

Instrument :
BNA_F
ClientSampleId :
PB116516BS

Tot Ion:204 Resp: 353945
Ion Ratio Lower Upper
204 100
206 33.2 26.5 39.7
141 60.7 45.9 68.9

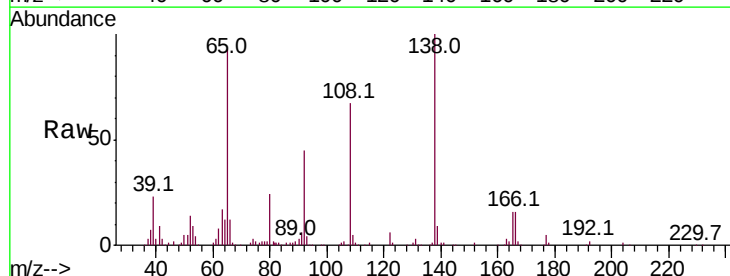


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

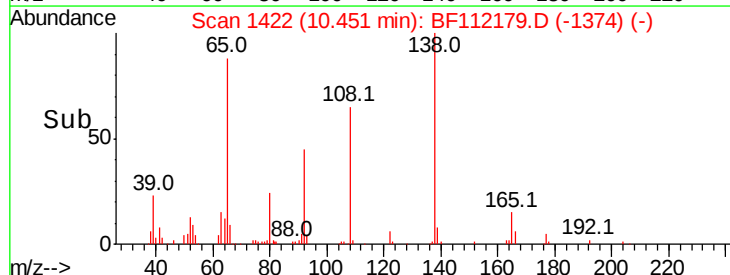
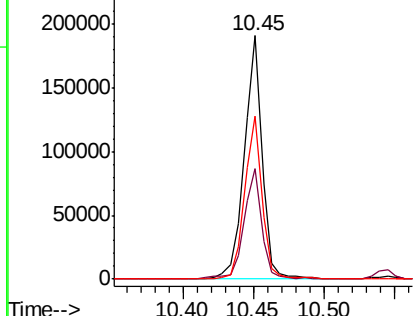


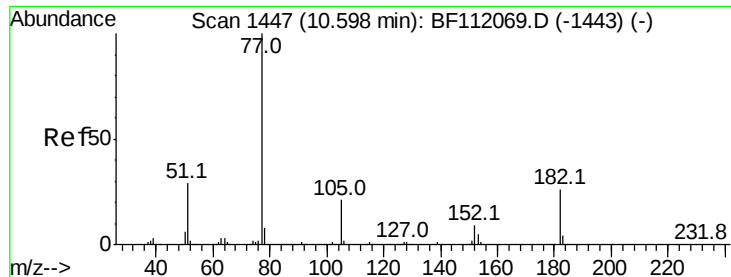
#62
4-Nitroaniline
Concen: 33.123 ng
RT: 10.45 min Scan# 1422
Delta R.T. -0.02 min
Lab File: BF112179.D
Acq: 22 Jan 2019 1:44

Tgt Ion:138 Resp: 168760
Ion Ratio Lower Upper
138 100
92 45.3 30.6 70.6
108 67.1 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

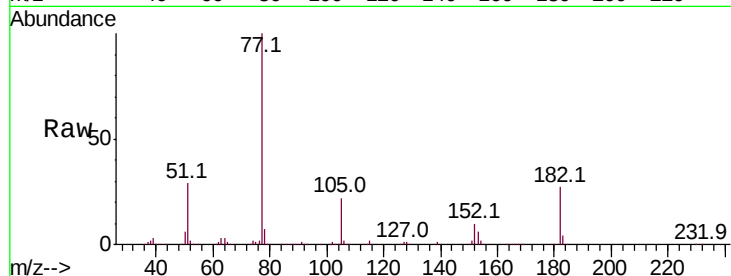




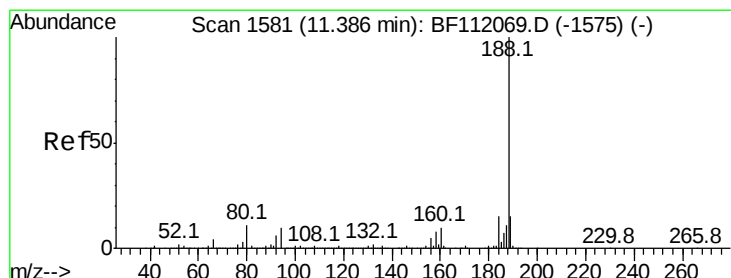
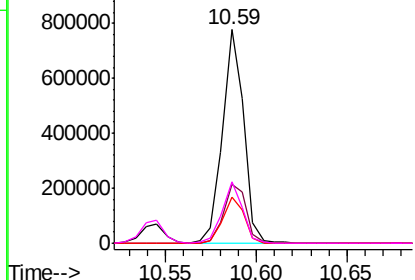
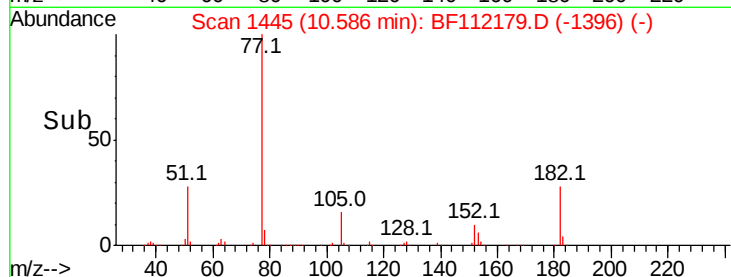
#63
Azobenzene
Concen: 29.415 ng
RT: 10.59 min Scan# 1445
Delta R.T. -0.01 min
Lab File: BF112179.D
Acq: 22 Jan 2019 1:44

Instrument :
BNA_F
ClientSampleId :
PB116516BS

Tot Ion:	77	Resp:	631756
Ion	Ratio	Lower	Upper
77	100		
182	27.4	5.7	45.7
105	21.7	1.4	41.4
51	28.6	9.5	49.5

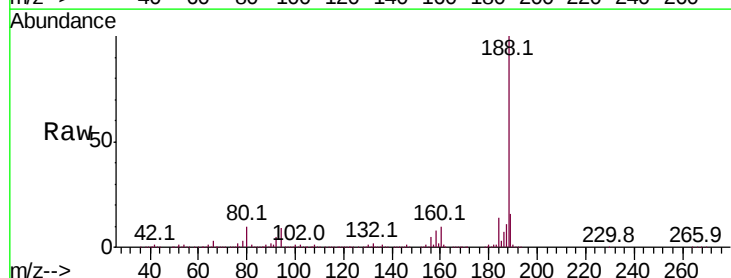


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

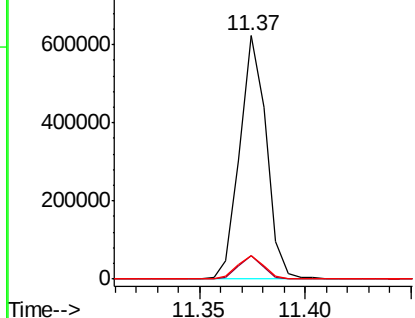
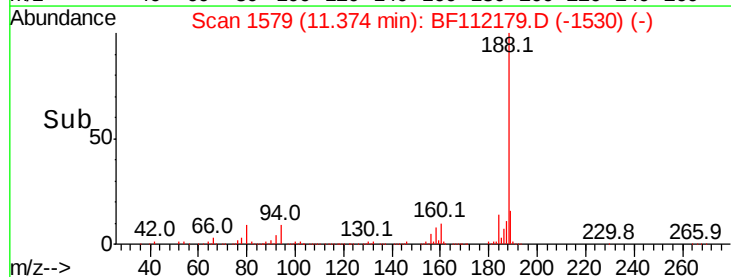


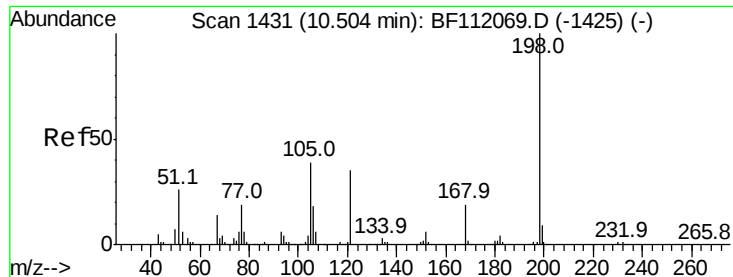
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.37 min Scan# 1579
Delta R.T. -0.01 min
Lab File: BF112179.D
Acq: 22 Jan 2019 1:44

Tgt Ion:	188	Resp:	542158
Ion	Ratio	Lower	Upper
188	100		
94	9.4	8.2	12.2
80	9.5	8.9	13.3



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





#65

4,6-Dinitro-2-methylphenol

Concen: 13.434 ng

RT: 10.49 min Scan# 1429

Delta R.T. -0.01 min

Lab File: BF112179.D

Acq: 22 Jan 2019 1:44

Instrument :

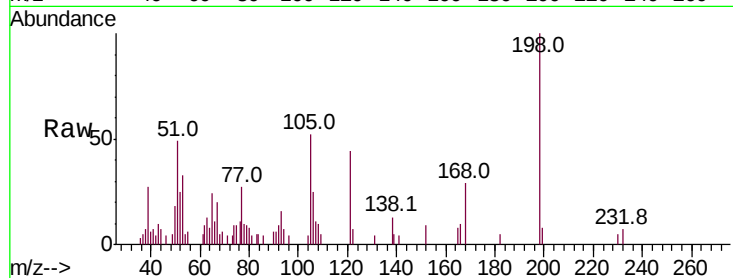
BNA_F

ClientSampleId :

PB116516BS

Tot Ion:198 Resp: 9628

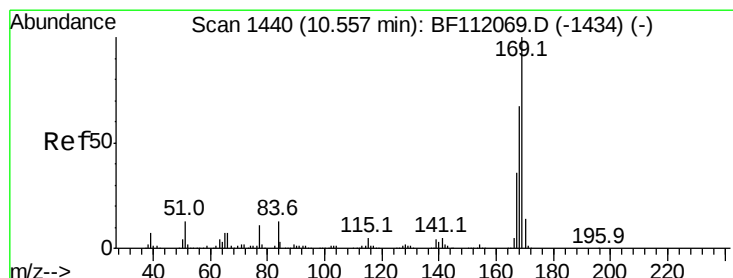
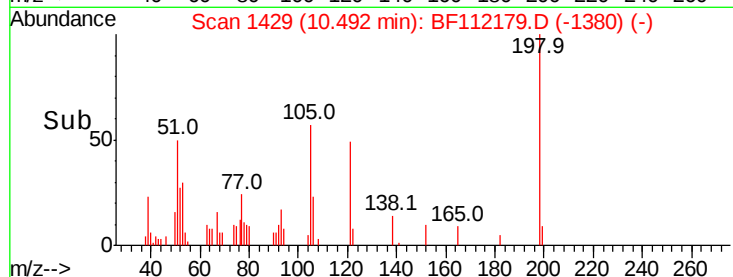
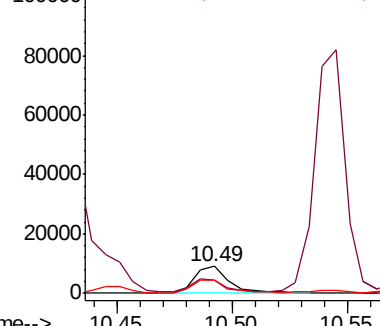
Ion	Ratio	Lower	Upper
198	100		
51	49.5	17.2	57.2
105	51.6	21.9	61.9



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: 34.147 ng

RT: 10.55 min Scan# 1438

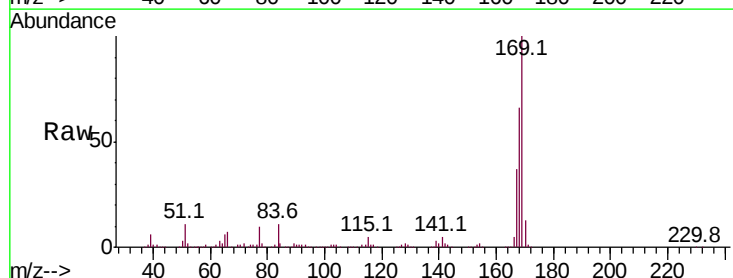
Delta R.T. -0.01 min

Lab File: BF112179.D

Acq: 22 Jan 2019 1:44

Tgt Ion:169 Resp: 612026

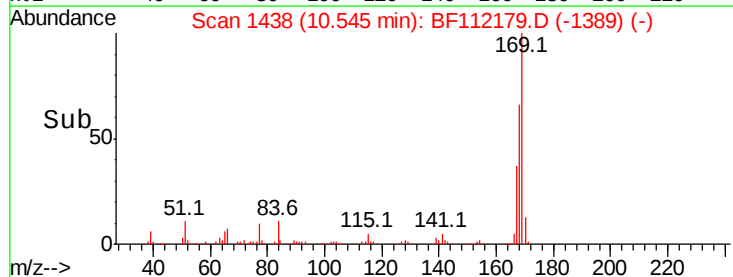
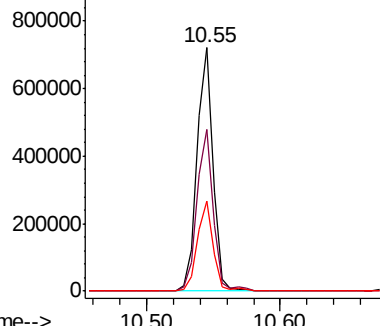
Ion	Ratio	Lower	Upper
169	100		
168	66.3	53.9	80.9
167	36.9	28.9	43.3

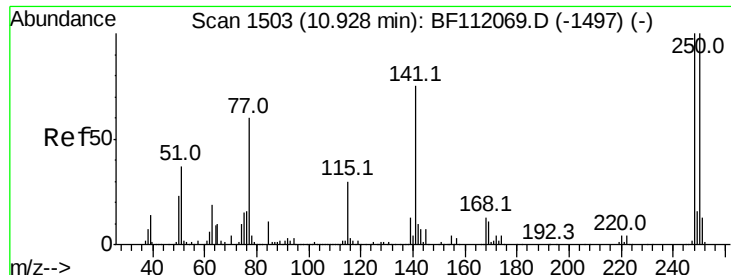


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

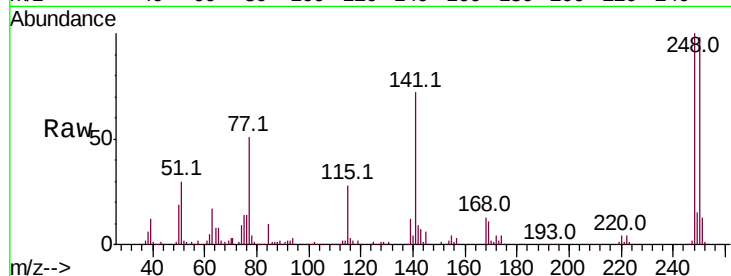




#67
4-Bromophenyl-phenylether
Concen: 32.615 ng
RT: 10.92 min Scan# 1501
Delta R.T. -0.01 min
Lab File: BF112179.D
Acq: 22 Jan 2019 1:44

Instrument :
BNA_F
ClientSampleId :
PB116516BS

Tot Ion	Ratio	Lower	Upper
248	100		
250	98.2	79.7	119.5
141	72.4	60.3	90.5

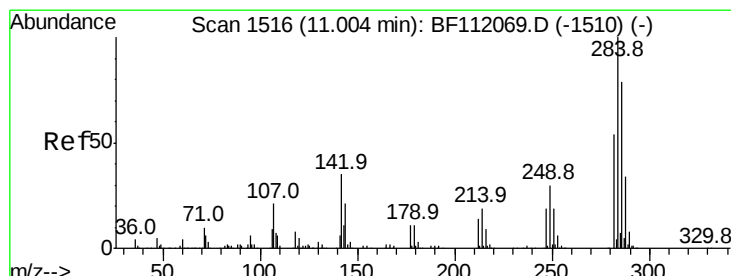
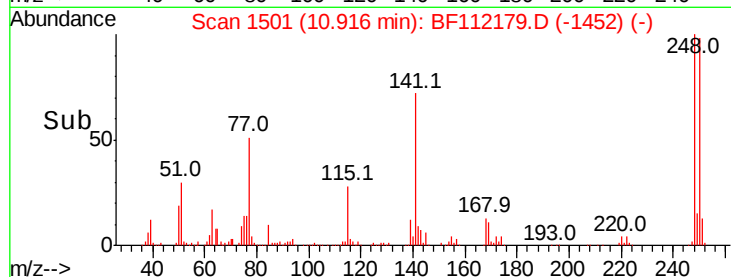
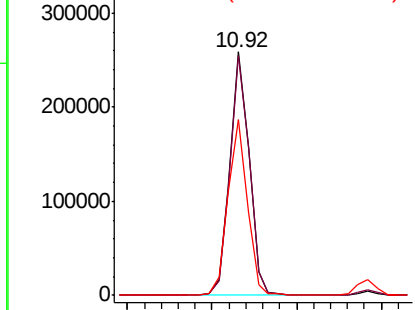


Abundance

Ion 248.00 (247.70 to 248.70): E

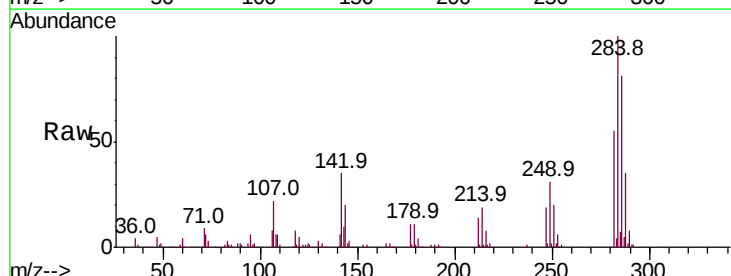
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 31.268 ng
RT: 10.99 min Scan# 1514
Delta R.T. -0.01 min
Lab File: BF112179.D
Acq: 22 Jan 2019 1:44

Tgt Ion	Ratio	Lower	Upper
284	100		
142	35.4	27.6	41.4
249	31.3	24.1	36.1

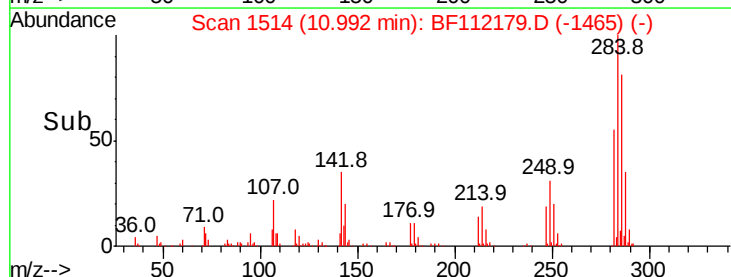
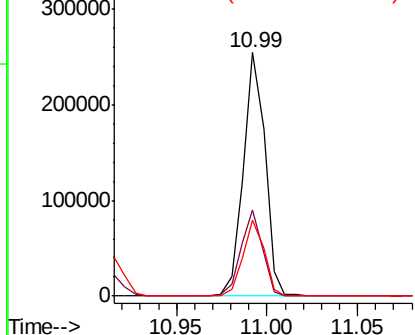


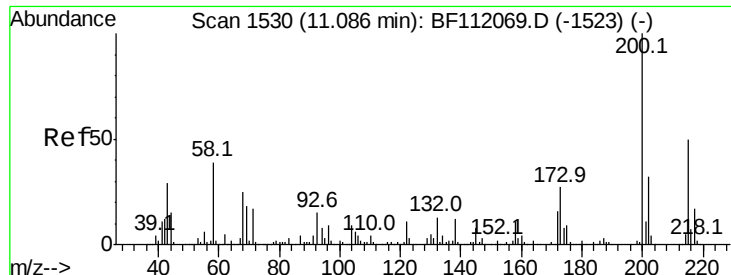
Abundance

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: 34.420 ng

RT: 11.07 min Scan# 1527

Delta R.T. -0.01 min

Lab File: BF112179.D

Acq: 22 Jan 2019 1:44

Instrument :

BNA_F

ClientSampleId :

PB116516BS

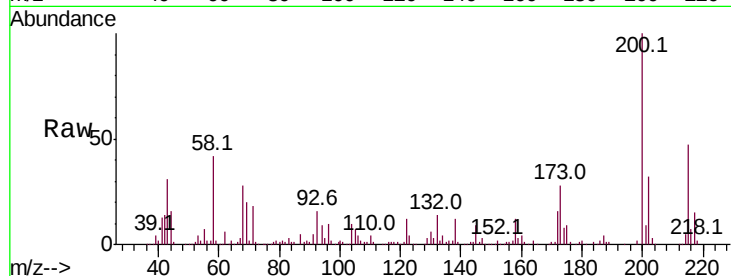
Tot Ion:200 Resp: 199072

Ion Ratio Lower Upper

200 100

173 28.1 7.1 47.1

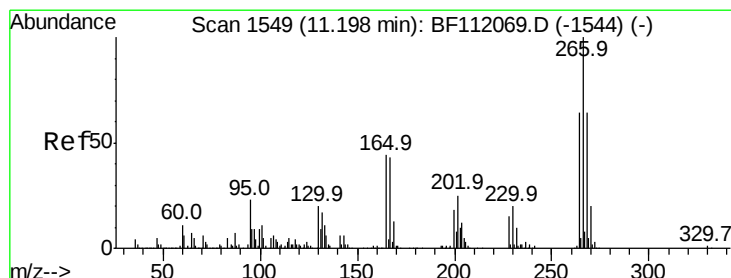
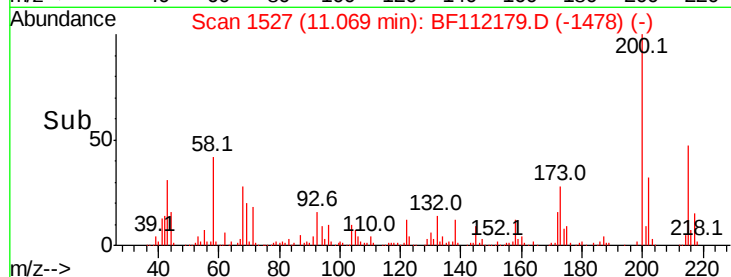
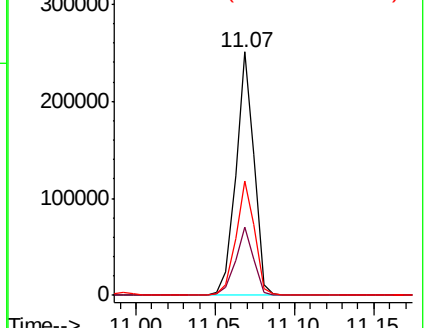
215 47.0 30.4 70.4



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: 54.070 ng

RT: 11.19 min Scan# 1547

Delta R.T. -0.01 min

Lab File: BF112179.D

Acq: 22 Jan 2019 1:44

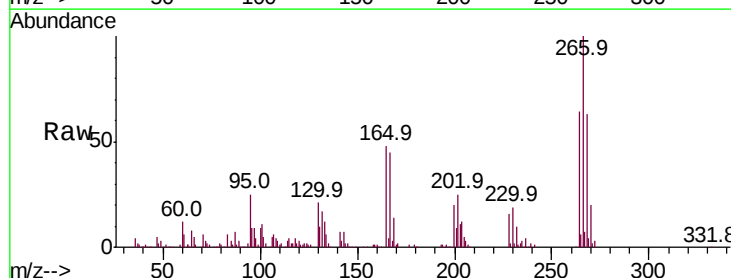
Tgt Ion:266 Resp: 169368

Ion Ratio Lower Upper

266 100

268 63.3 51.2 76.8

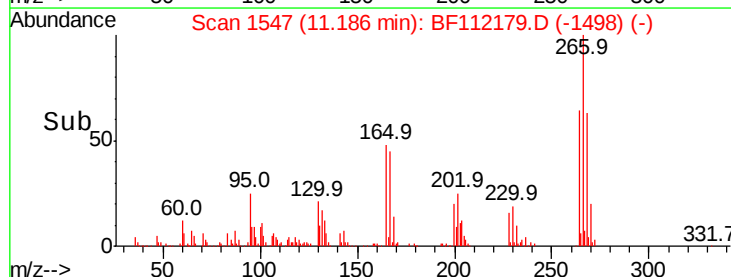
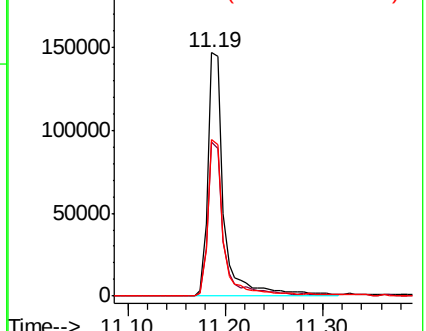
264 64.1 50.9 76.3

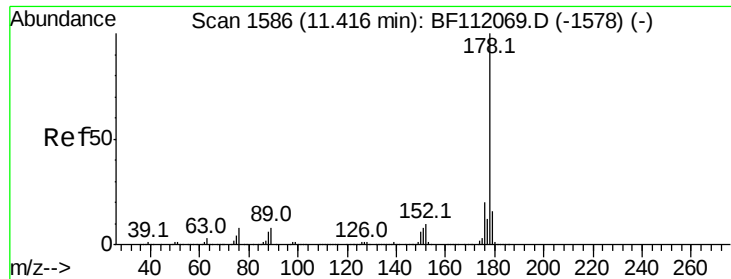


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 35.715 ng

RT: 11.40 min Scan# 1583

Delta R.T. -0.01 min

Lab File: BF112179.D

Acq: 22 Jan 2019 1:44

Instrument :

BNA_F

ClientSampleId :

PB116516BS

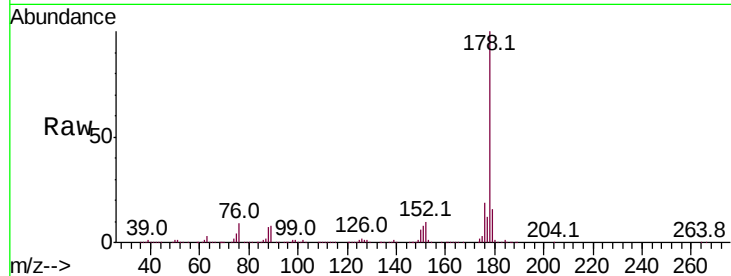
Tot Ion:178 Resp: 974479

Ion Ratio Lower Upper

178 100

176 19.5 16.3 24.5

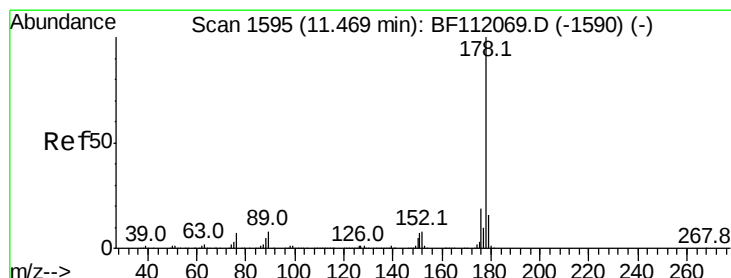
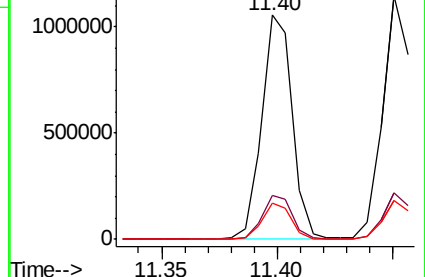
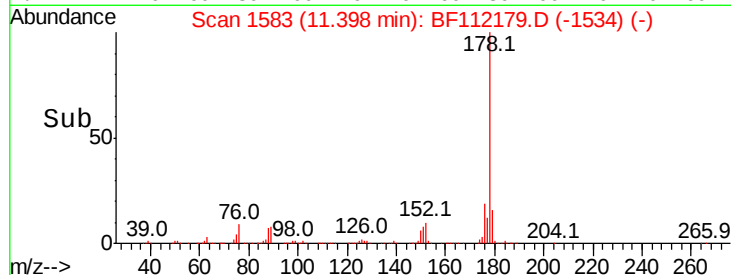
179 16.1 13.0 19.4



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: 36.371 ng

RT: 11.45 min Scan# 1592

Delta R.T. -0.01 min

Lab File: BF112179.D

Acq: 22 Jan 2019 1:44

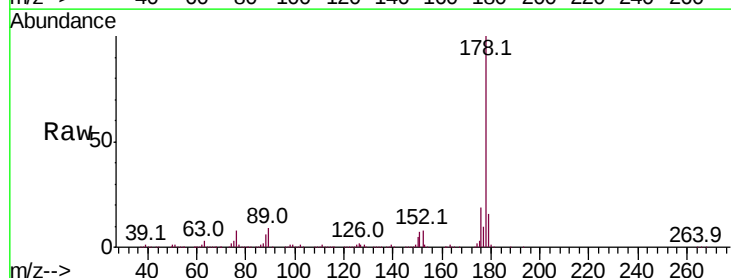
Tgt Ion:178 Resp: 1005280

Ion Ratio Lower Upper

178 100

176 19.0 15.5 23.3

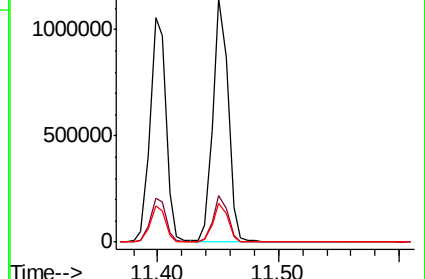
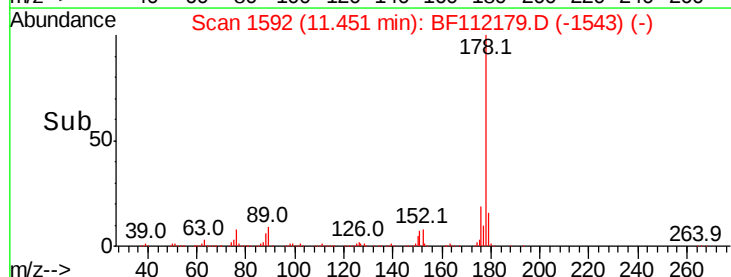
179 15.9 12.8 19.2

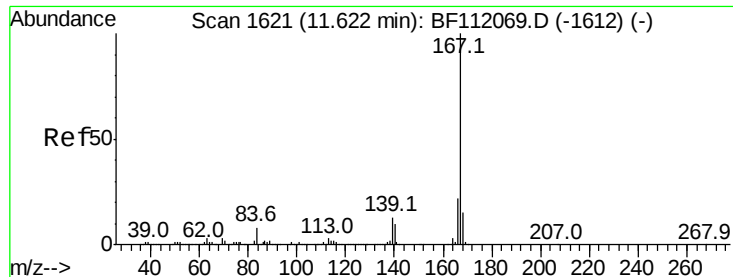


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

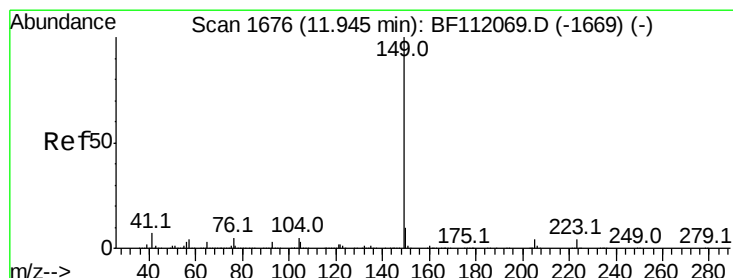
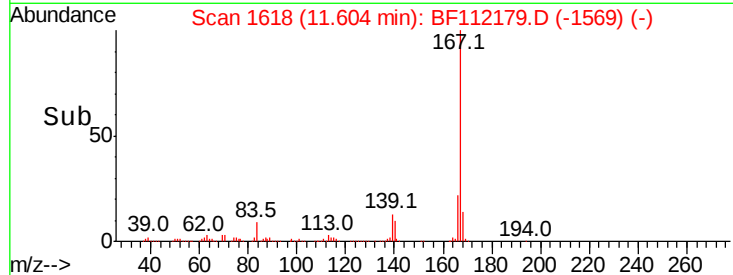
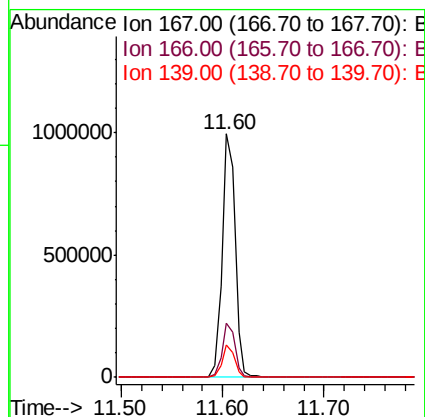
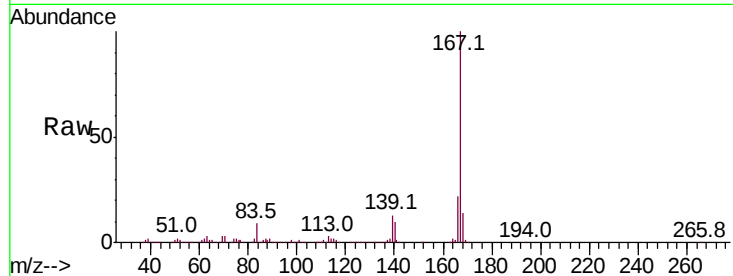




#73
 Carbazole
 Concen: 32.204 ng
 RT: 11.60 min Scan# 1618
 Delta R.T. -0.01 min
 Lab File: BF112179.D
 Acq: 22 Jan 2019 1:44

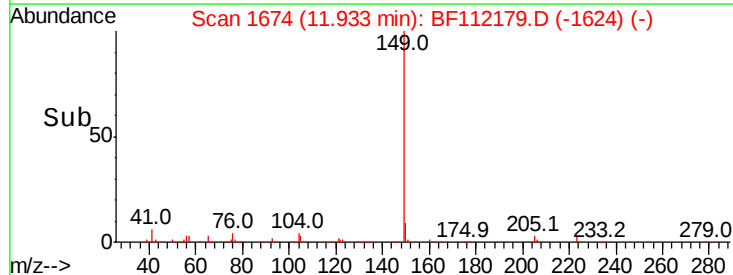
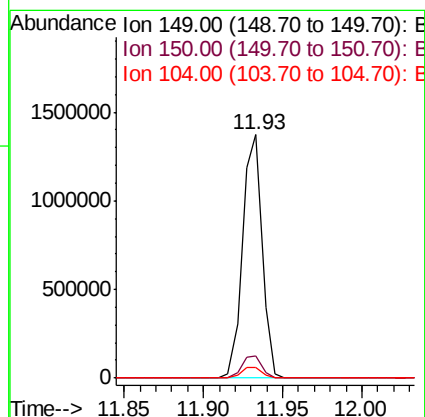
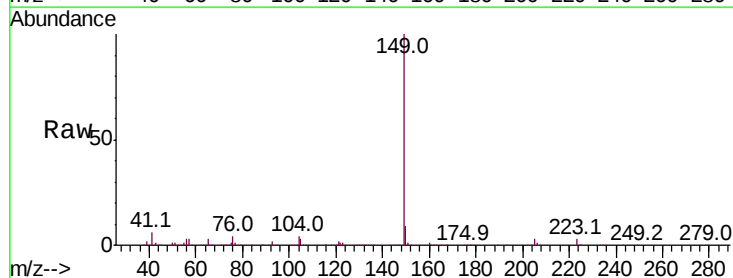
Instrument :
 BNA_F
 ClientSampleId :
 PB116516BS

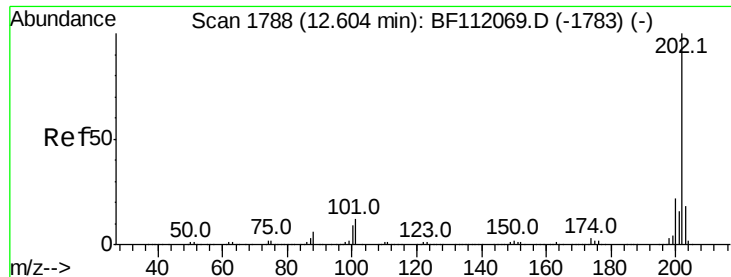
Tot Ion:167 Resp: 891651
 Ion Ratio Lower Upper
 167 100
 166 22.4 17.9 26.9
 139 13.4 10.2 15.2



#74
 Di-n-butylphthalate
 Concen: 37.706 ng
 RT: 11.93 min Scan# 1674
 Delta R.T. -0.01 min
 Lab File: BF112179.D
 Acq: 22 Jan 2019 1:44

Tgt Ion:149 Resp: 1174353
 Ion Ratio Lower Upper
 149 100
 150 9.0 8.1 12.1
 104 4.3 3.9 5.9



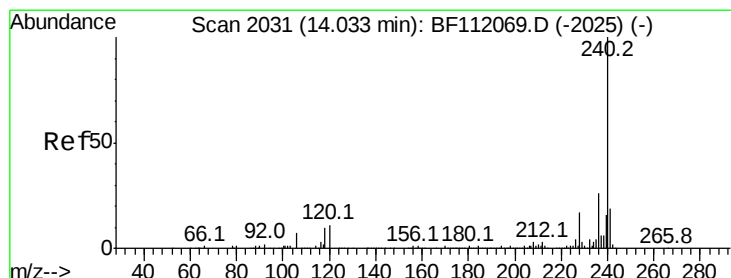
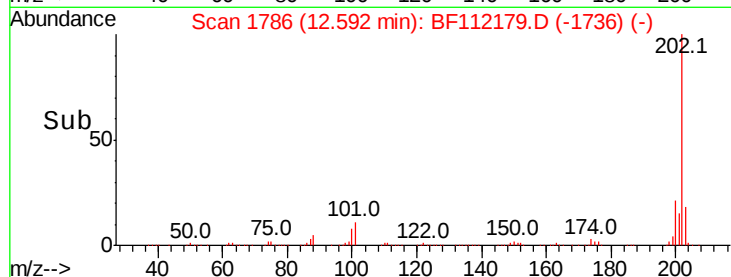
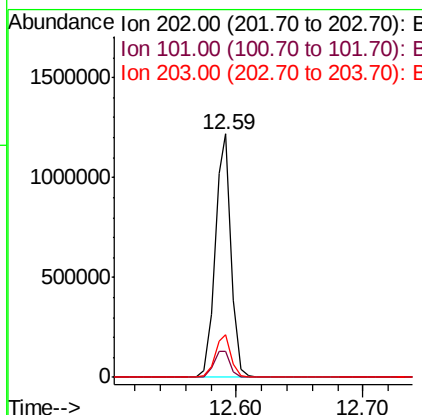
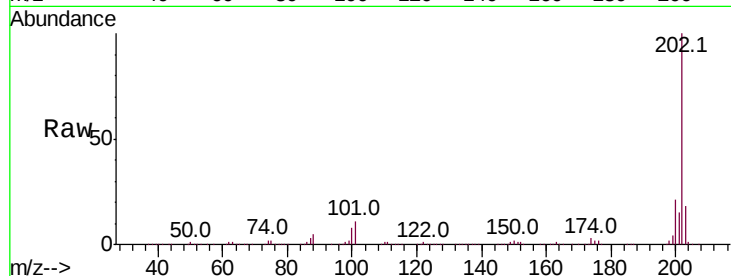


#75
 Fluoranthene
 Concen: 37.463 ng
 RT: 12.59 min Scan# 1786
 Delta R.T. -0.01 min
 Lab File: BF112179.D
 Acq: 22 Jan 2019 1:44

Instrument :
 BNA_F
 ClientSampleId :
 PB116516BS

Tot Ion:202 Resp: 1079217

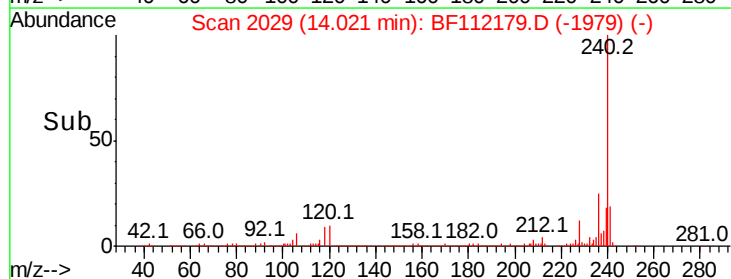
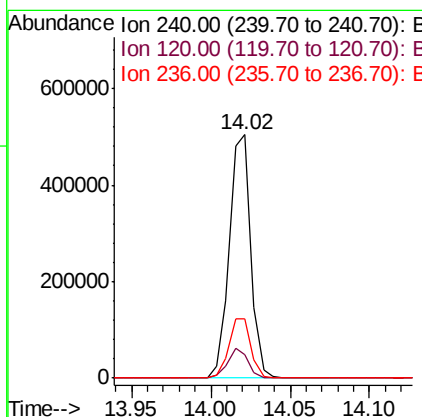
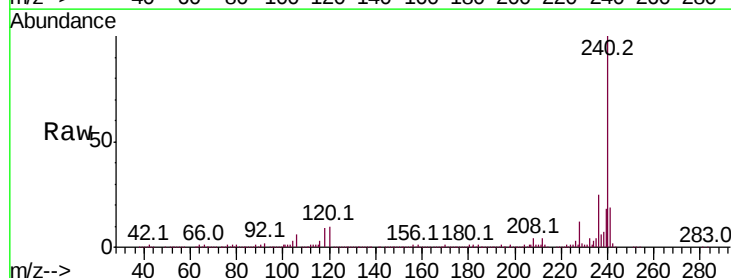
Ion	Ratio	Lower	Upper
202	100		
101	10.6	0.0	31.8
203	17.6	0.0	38.4

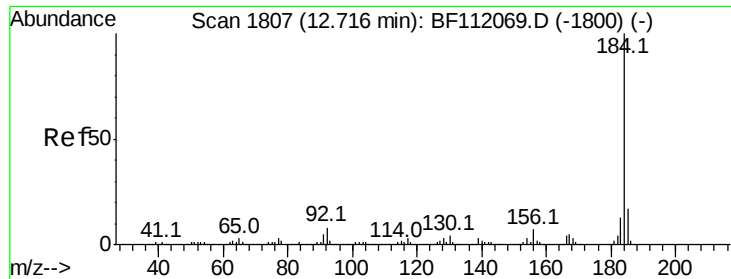


#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.02 min Scan# 2029
 Delta R.T. -0.01 min
 Lab File: BF112179.D
 Acq: 22 Jan 2019 1:44

Tgt Ion:240 Resp: 474388

Ion	Ratio	Lower	Upper
240	100		
120	9.6	9.0	13.6
236	24.5	20.7	31.1





#77

Benzidine

Concen: 40.330 ng

RT: 12.70 min Scan# 1805

Delta R.T. -0.01 min

Lab File: BF112179.D

Acq: 22 Jan 2019 1:44

Instrument :

BNA_F

ClientSampleId :

PB116516BS

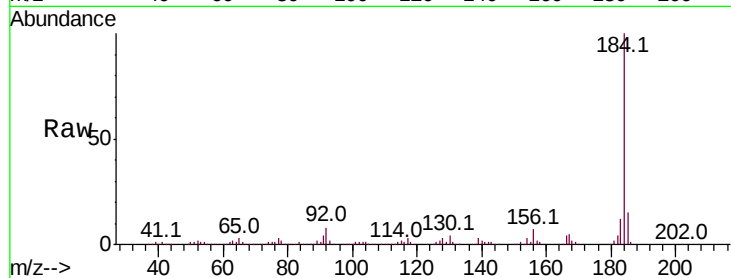
Tot Ion:184 Resp: 638346

Ion Ratio Lower Upper

184 100

185 14.7 13.9 20.9

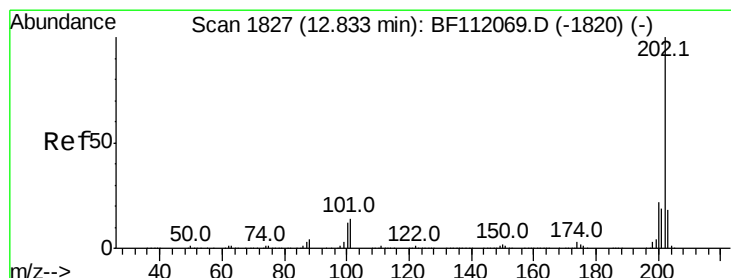
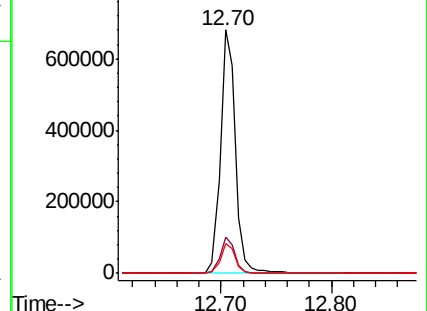
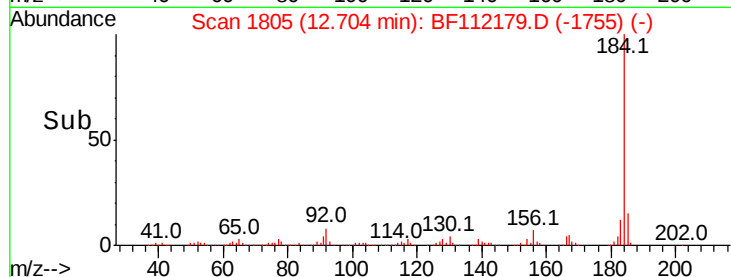
183 12.3 10.0 15.0



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 34.966 ng

RT: 12.82 min Scan# 1825

Delta R.T. -0.01 min

Lab File: BF112179.D

Acq: 22 Jan 2019 1:44

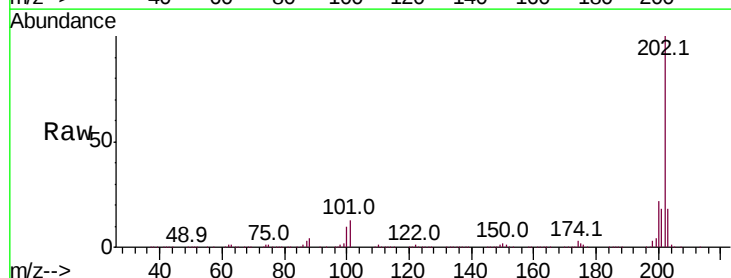
Tgt Ion:202 Resp: 1094386

Ion Ratio Lower Upper

202 100

200 21.9 17.7 26.5

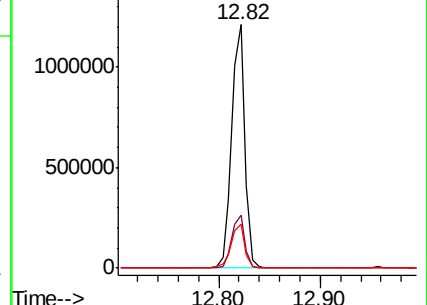
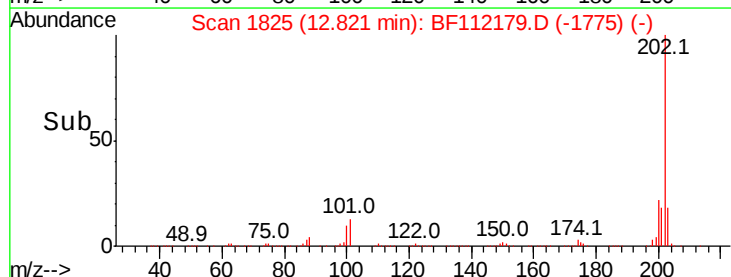
203 17.8 14.6 22.0

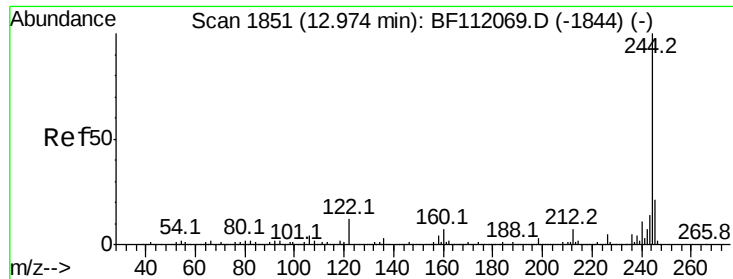


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 64.362 ng

RT: 12.96 min Scan# 1848

Delta R.T. -0.01 min

Lab File: BF112179.D

Acq: 22 Jan 2019 1:44

Instrument :

BNA_F

ClientSampleId :

PB116516BS

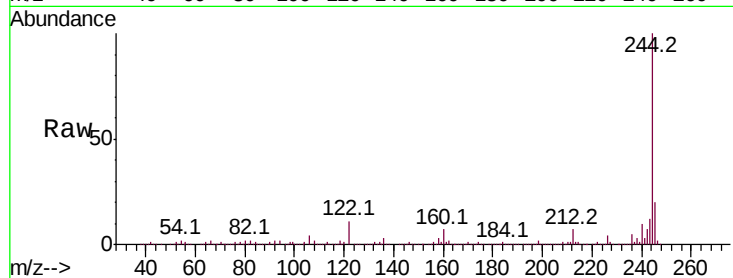
Tot Ion:244 Resp: 1435230

Ion Ratio Lower Upper

244 100

212 6.8 5.9 8.9

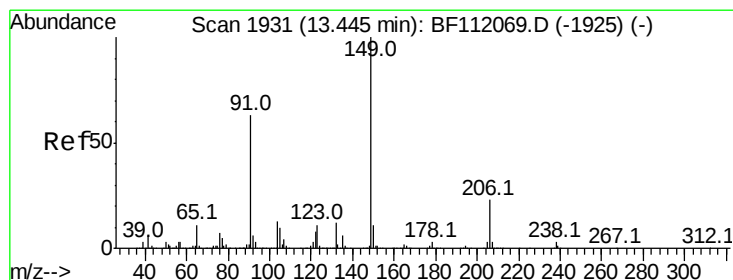
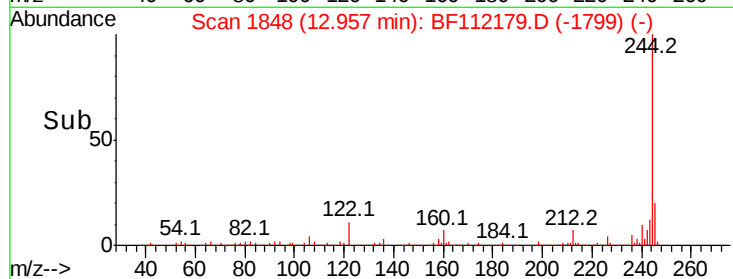
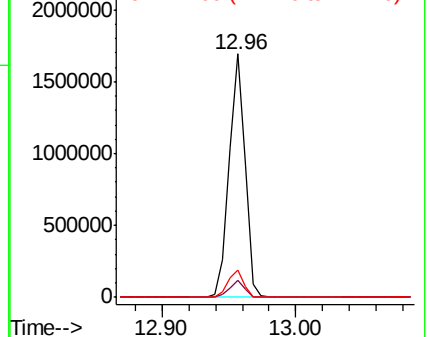
122 11.5 9.8 14.6



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: 38.491 ng

RT: 13.43 min Scan# 1928

Delta R.T. -0.01 min

Lab File: BF112179.D

Acq: 22 Jan 2019 1:44

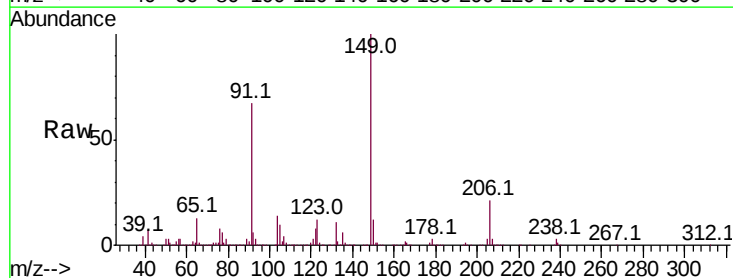
Tgt Ion:149 Resp: 528509

Ion Ratio Lower Upper

149 100

91 67.2 50.3 75.5

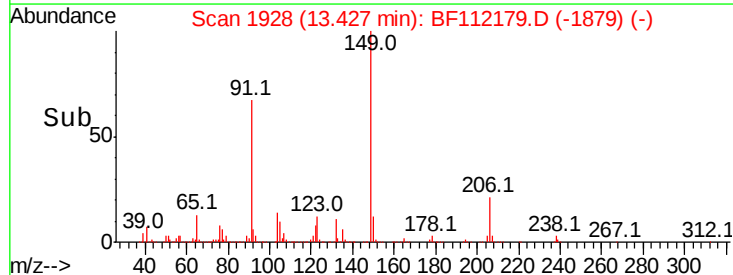
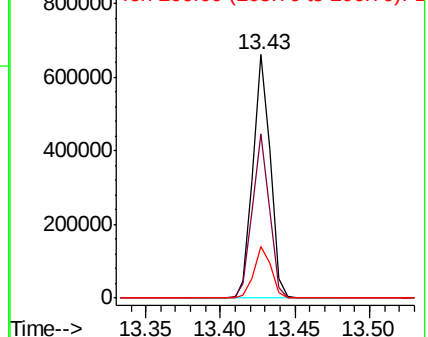
206 21.0 18.2 27.4

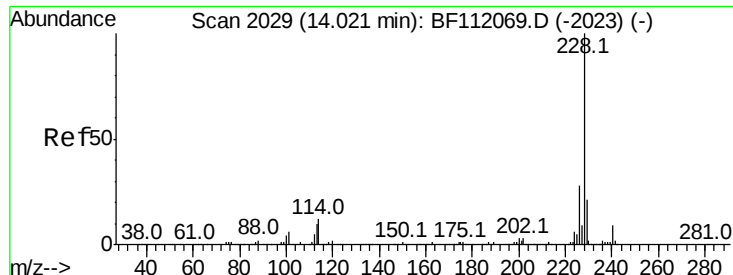


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 34.851 ng

RT: 14.01 min Scan# 2027

Delta R.T. -0.01 min

Lab File: BF112179.D

Acq: 22 Jan 2019 1:44

Instrument :

BNA_F

ClientSampleId :

PB116516BS

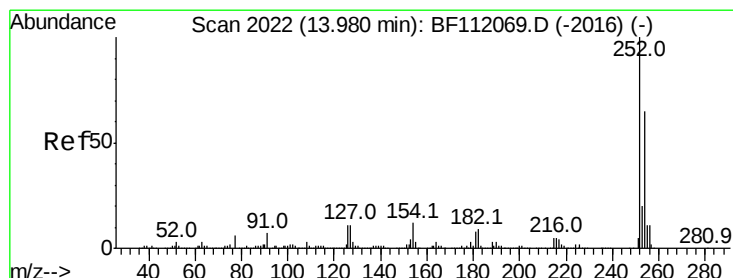
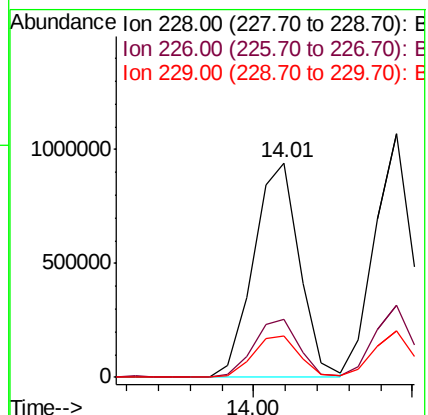
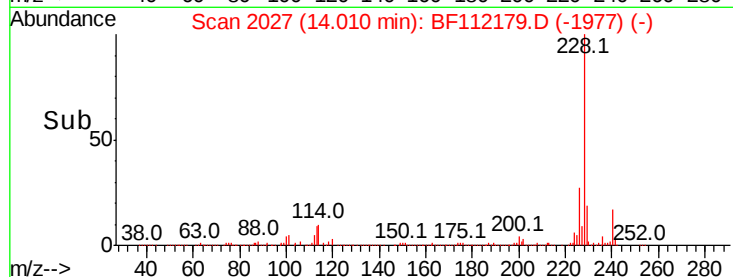
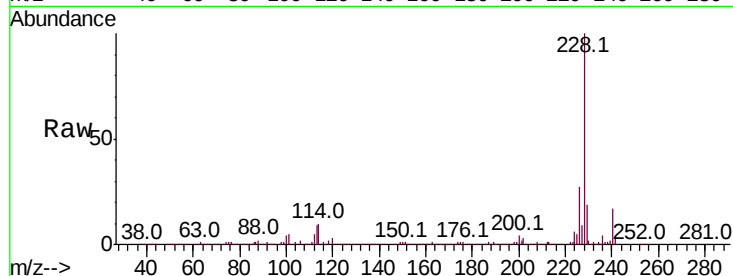
Tot Ion:228 Resp: 947948

Ion Ratio Lower Upper

228 100

226 26.8 22.6 34.0

229 19.3 16.5 24.7



#82

3,3'-Dichlorobenzidine

Concen: 32.689 ng

RT: 13.96 min Scan# 2019

Delta R.T. -0.01 min

Lab File: BF112179.D

Acq: 22 Jan 2019 1:44

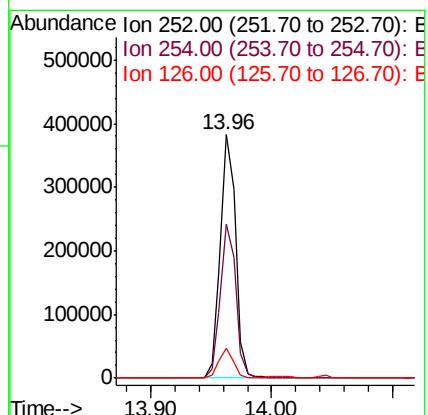
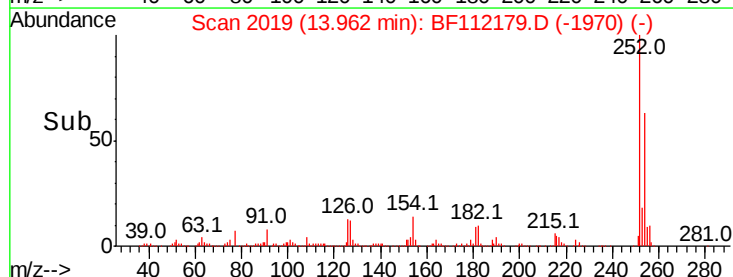
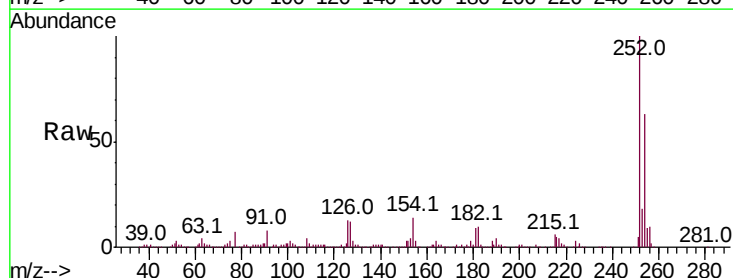
Tgt Ion:252 Resp: 332986

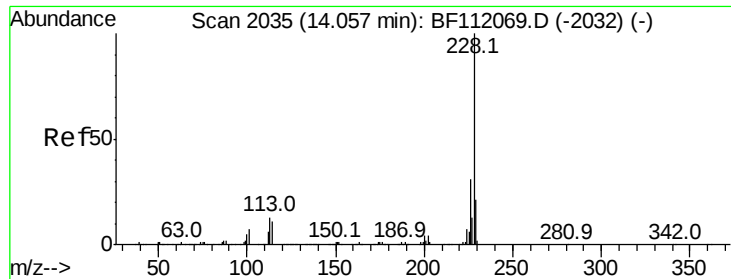
Ion Ratio Lower Upper

252 100

254 63.2 51.6 77.4

126 12.5 8.6 12.8





#83

Chrysene

Concen: 34.165 ng

RT: 14.04 min Scan# 2033

Delta R.T. -0.01 min

Lab File: BF112179.D

Acq: 22 Jan 2019 1:44

Instrument :

BNA_F

ClientSampleId :

PB116516BS

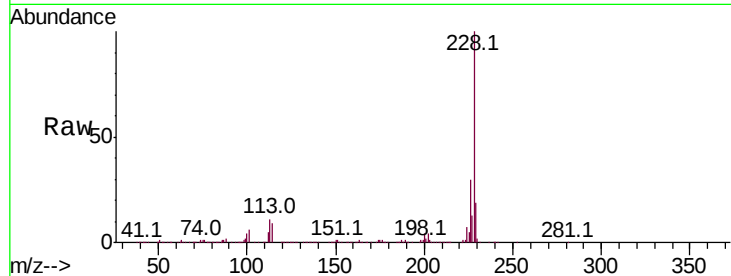
Tot Ion:228 Resp: 879319

Ion Ratio Lower Upper

228 100

226 29.6 25.0 37.6

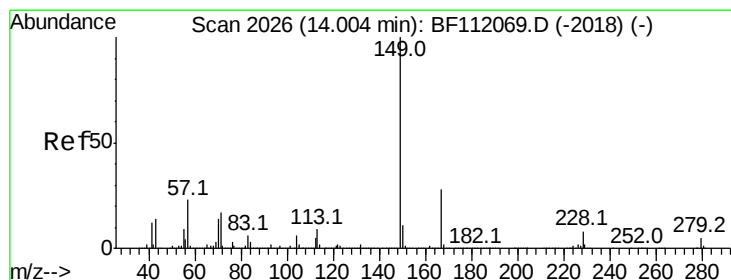
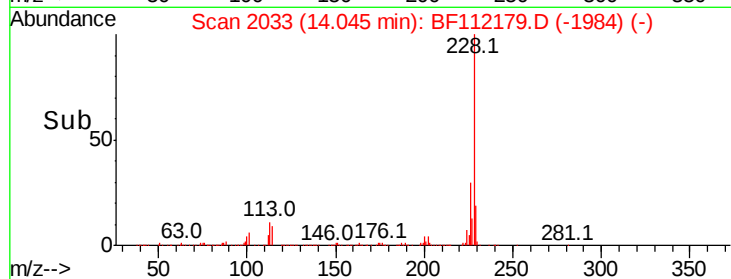
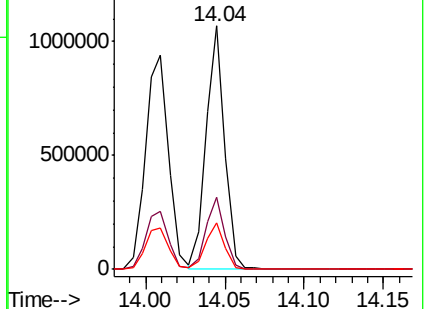
229 19.3 16.6 24.8



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: 40.561 ng

RT: 13.99 min Scan# 2023

Delta R.T. -0.01 min

Lab File: BF112179.D

Acq: 22 Jan 2019 1:44

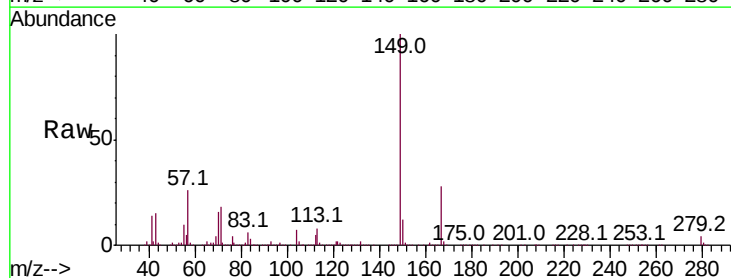
Tgt Ion:149 Resp: 798177

Ion Ratio Lower Upper

149 100

167 27.6 22.5 33.7

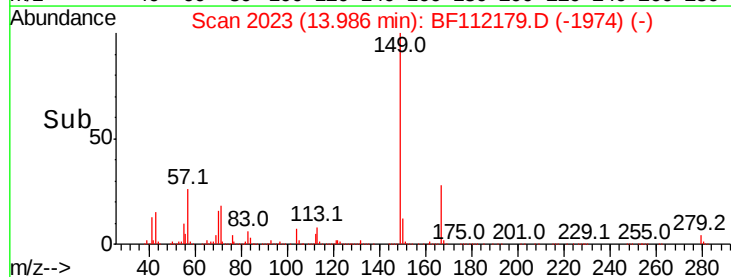
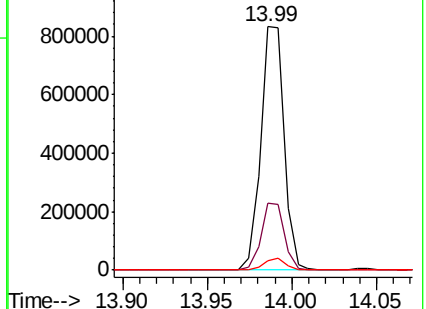
279 3.7 3.8 5.6#

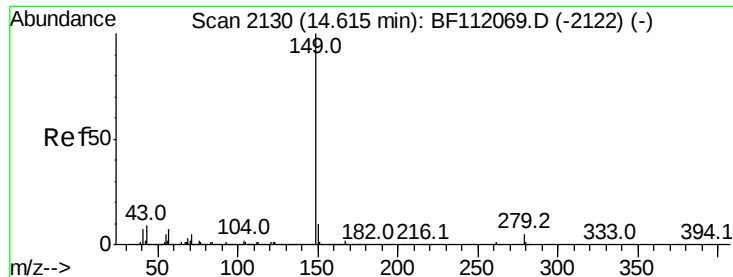


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

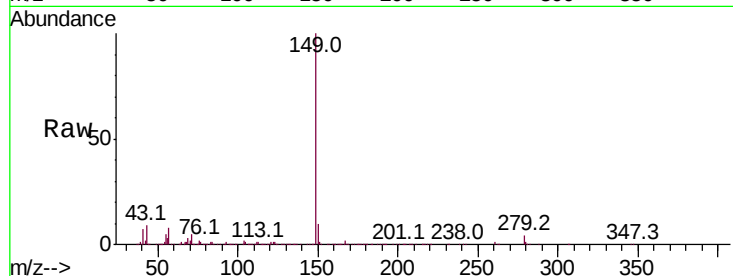




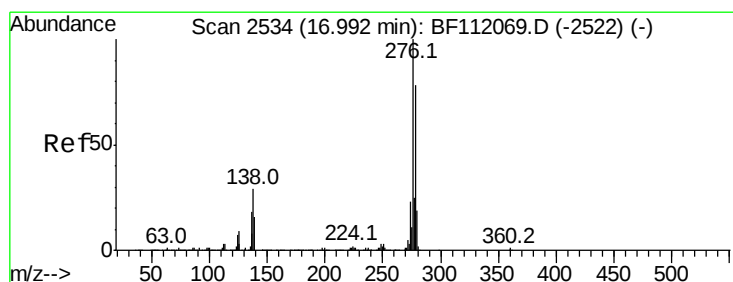
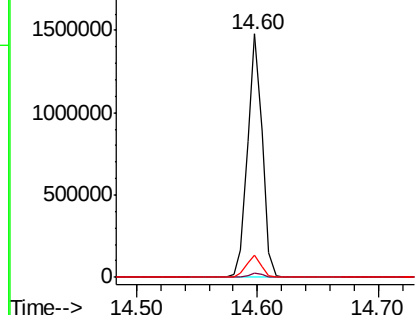
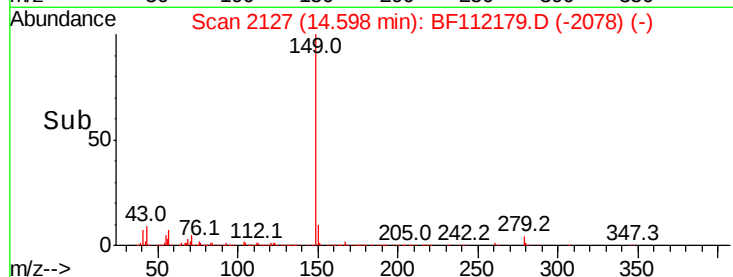
#85
Di-n-octyl phthalate
Concen: 41.194 ng
RT: 14.60 min Scan# 2127
Delta R.T. -0.01 min
Lab File: BF112179.D
Acq: 22 Jan 2019 1:44

Instrument :
BNA_F
ClientSampleId :
PB116516BS

Tot Ion:149 Resp: 1248994
Ion Ratio Lower Upper
149 100
167 1.7 1.3 1.9
43 9.0 7.8 11.6

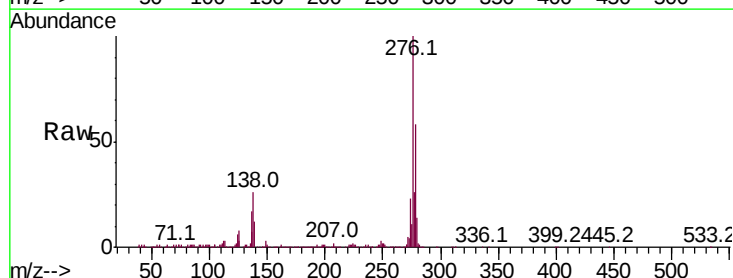


Abundance Ion 149.00 (148.70 to 149.70): E
2000000 Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1

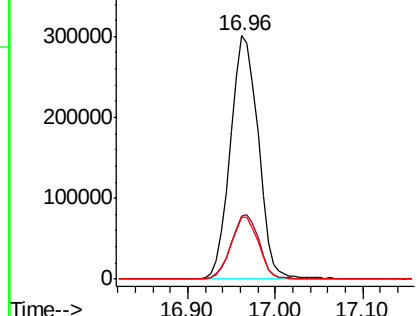
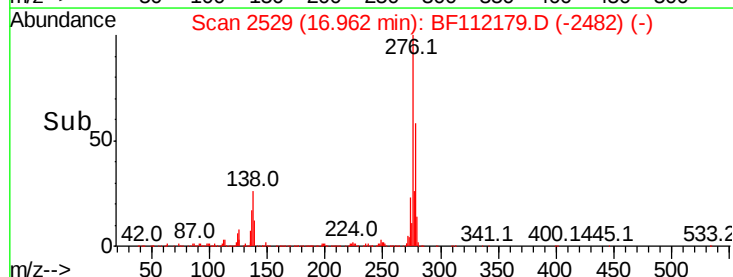


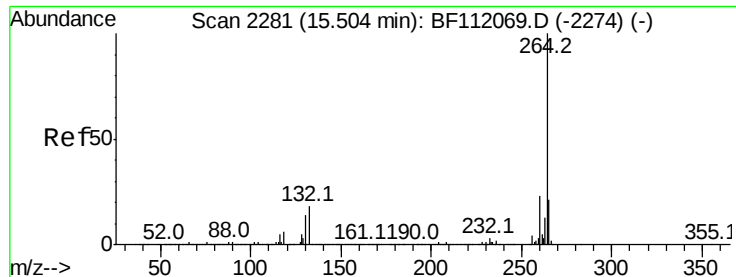
#86
Indeno(1,2,3-cd)pyrene
Concen: 27.571 ng
RT: 16.96 min Scan# 2529
Delta R.T. -0.02 min
Lab File: BF112179.D
Acq: 22 Jan 2019 1:44

Tgt Ion:276 Resp: 654676
Ion Ratio Lower Upper
276 100
138 26.4 22.6 34.0
277 25.7 20.3 30.5



Abundance Ion 276.00 (275.70 to 276.70): E
400000 Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.49 min Scan# 2278

Delta R.T. -0.01 min

Lab File: BF112179.D

Acq: 22 Jan 2019 1:44

Instrument :

BNA_F

ClientSampleId :

PB116516BS

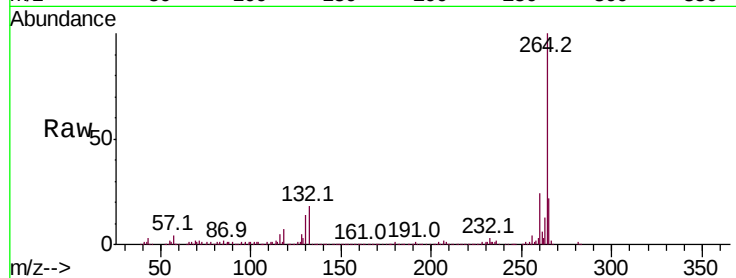
Tot Ion:264 Resp: 343926

Ion Ratio Lower Upper

264 100

260 23.9 18.2 27.2

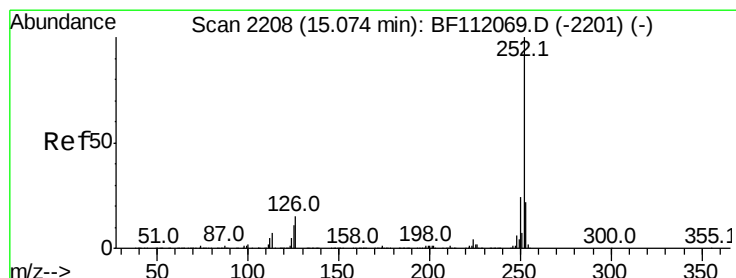
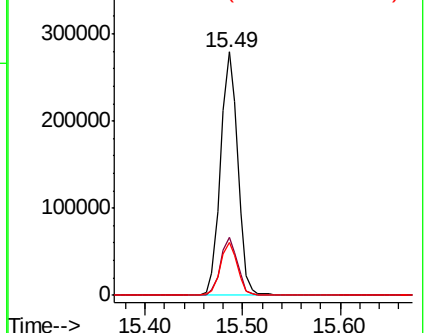
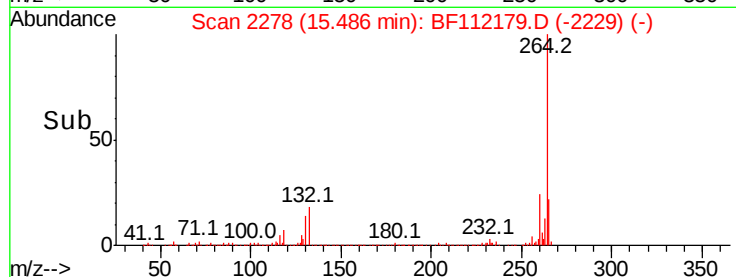
265 21.7 17.0 25.4



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: 38.750 ng

RT: 15.06 min Scan# 2205

Delta R.T. -0.01 min

Lab File: BF112179.D

Acq: 22 Jan 2019 1:44

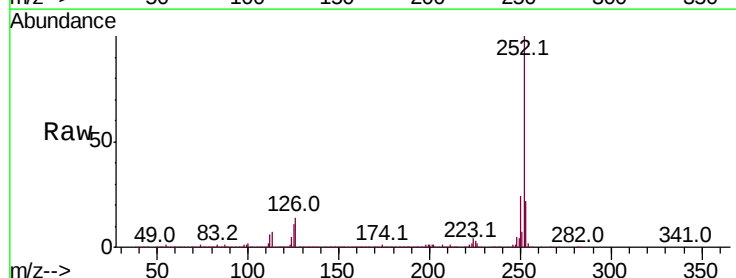
Tgt Ion:252 Resp: 756498

Ion Ratio Lower Upper

252 100

253 22.3 18.0 27.0

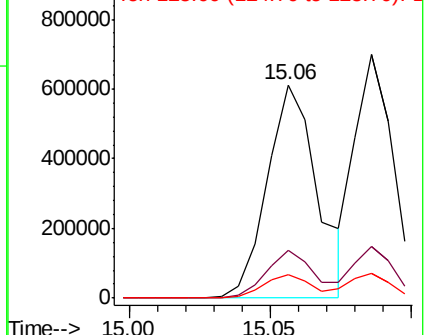
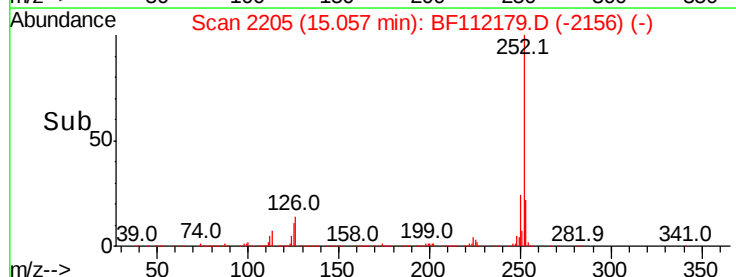
125 11.0 8.7 13.1

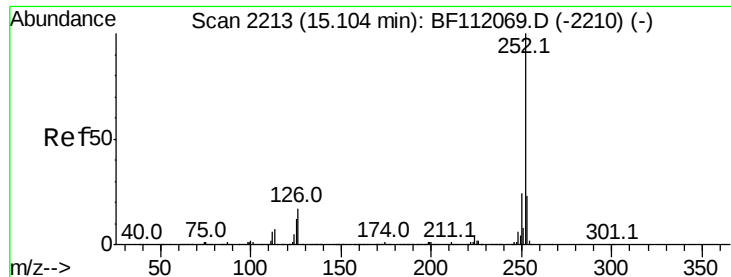


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

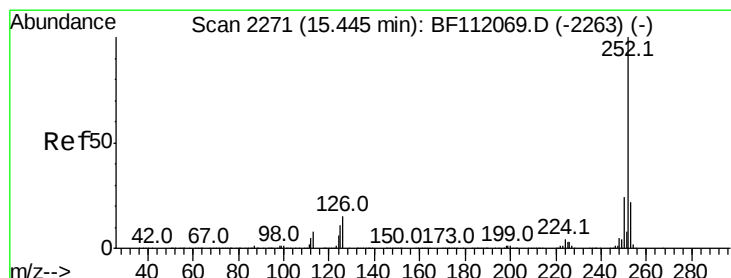
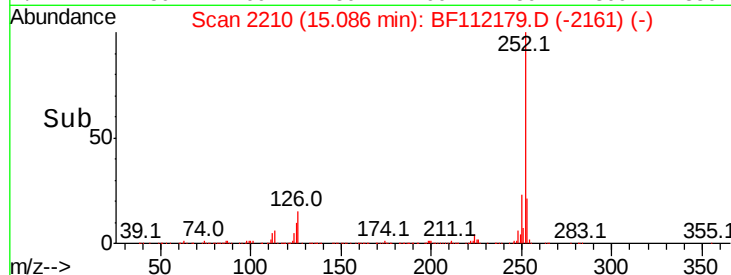
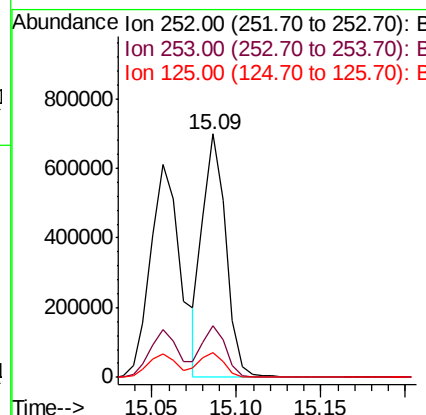
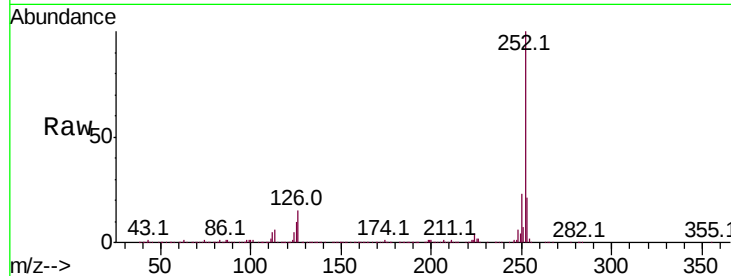




#89
Benzo(k)fluoranthene
Concen: 35.123 ng
RT: 15.09 min Scan# 2210
Delta R.T. -0.01 min
Lab File: BF112179.D
Acq: 22 Jan 2019 1:44

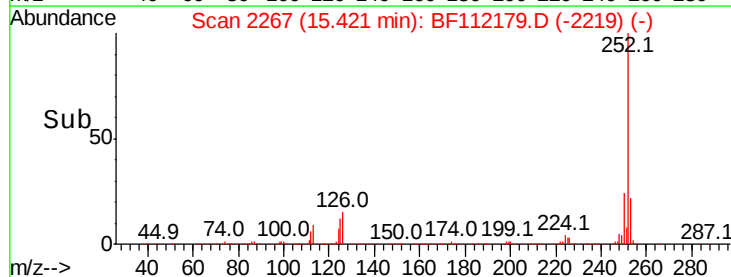
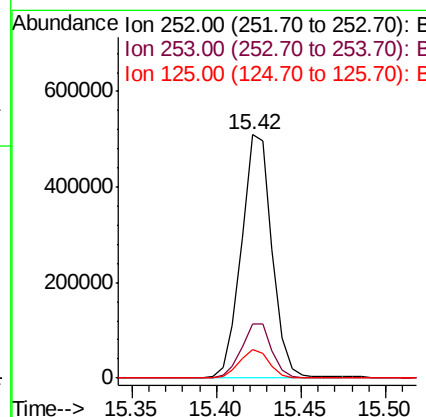
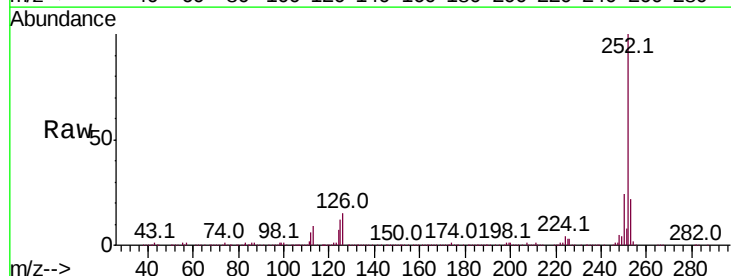
Instrument :
BNA_F
ClientSampleId :
PB116516BS

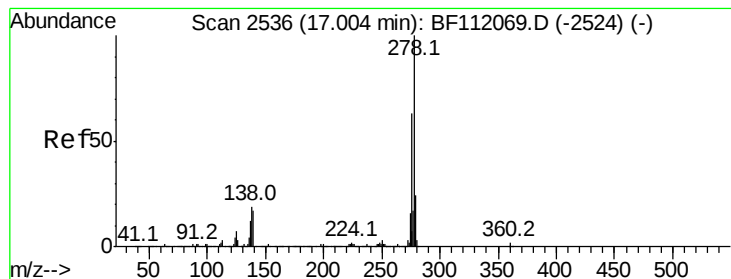
Tot Ion:252 Resp: 663664
Ion Ratio Lower Upper
252 100
253 21.3 18.0 27.0
125 10.2 9.1 13.7



#90
Benzo(a)pyrene
Concen: 36.027 ng
RT: 15.42 min Scan# 2267
Delta R.T. -0.02 min
Lab File: BF112179.D
Acq: 22 Jan 2019 1:44

Tgt Ion:252 Resp: 645020
Ion Ratio Lower Upper
252 100
253 22.2 17.5 26.3
125 11.8 9.0 13.4





#91

Dibenzo(a,h)anthracene

Concen: 34.784 ng

RT: 16.97 min Scan# 2531

Delta R.T. -0.02 min

Lab File: BF112179.D

Acq: 22 Jan 2019 1:44

Instrument :

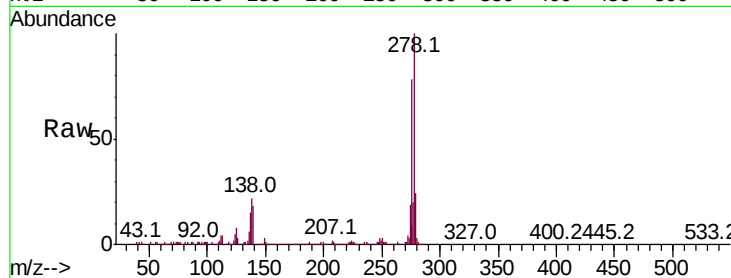
BNA_F

ClientSampleId :

PB116516BS

Tot Ion:278 Resp: 553114

Ion	Ratio	Lower	Upper
278	100		
139	17.8	13.7	20.5
279	24.0	19.0	28.6

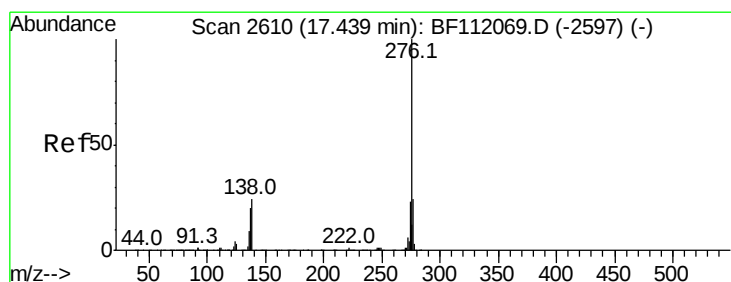
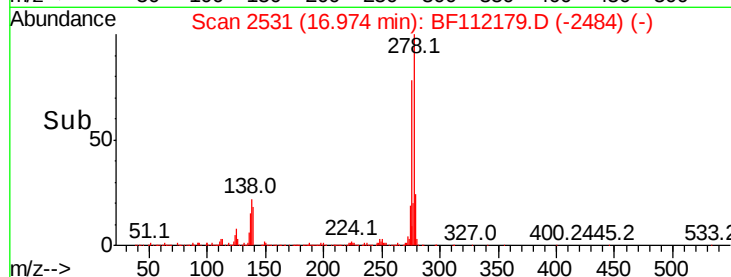
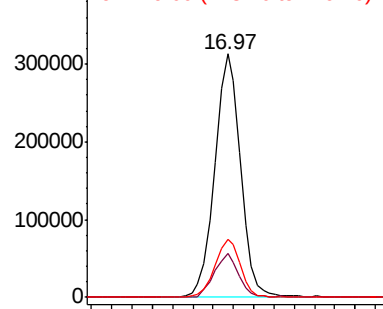


Abundance

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: 33.987 ng

RT: 17.41 min Scan# 2605

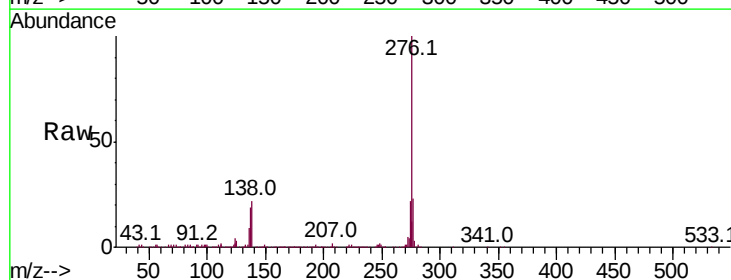
Delta R.T. -0.02 min

Lab File: BF112179.D

Acq: 22 Jan 2019 1:44

Tgt Ion:276 Resp: 532437

Ion	Ratio	Lower	Upper
276	100		
277	22.7	19.4	29.0
138	22.4	19.1	28.7



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

