

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF031119\
 Data File : BF112961.D
 Acq On : 11 Mar 2019 18:15
 Operator : JU/SJ
 Sample : K1785-11MS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SD2-0.0-0.5MS

Quant Time: Mar 12 04:39:40 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 01 15:40:43 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	132145	20.00	ng	-0.01
21) Naphthalene-d8	8.01	136	517512	20.00	ng	-0.01
39) Acenaphthene-d10	9.76	164	291911	20.00	ng	0.00
64) Phenanthrene-d10	11.24	188	680949	20.00	ng	0.00
76) Chrysene-d12	13.87	240	537737	20.00	ng	0.00
87) Perylene-d12	15.27	264	525666	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.34	112	920879	108.40	ng	0.00
7) Phenol-d6	6.37	99	1197377	112.21	ng	0.00
23) Nitrobenzene-d5	7.29	82	710924	82.20	ng	-0.01
42) 2,4,6-Tribromophenol	10.55	330	432619	139.60	ng	0.00
45) 2-Fluorobiphenyl	9.09	172	1211053	64.50	ng	-0.01
79) Terphenyl-d14	12.82	244	1661121	59.88	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.39	88	123427	28.985	ng	97
3) Pyridine	3.12	79	274577	24.101	ng	97
4) n-Nitrosodimethylamine	3.03	42	139947	28.081	ng	97
6) Aniline	6.39	93	224805	15.304	ng	# 48
8) 2-Chlorophenol	6.52	128	308818	32.657	ng	94
9) Benzaldehyde	6.27	77	137598	17.895	ng	98
10) Phenol	6.38	94	431761	34.672	ng	99
11) bis(2-Chloroethyl)ether	6.46	93	291563	30.505	ng	97
12) 1,3-Dichlorobenzene	6.67	146	322926	33.057	ng	98
13) 1,4-Dichlorobenzene	6.75	146	332986	33.989	ng	98
14) 1,2-Dichlorobenzene	6.90	146	316028	35.189	ng	99
15) Benzyl Alcohol	6.87	79	268475	32.994	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.01	45	475807	29.830	ng	97
17) 2-Methylphenol	6.99	107	255552	33.311	ng	97
18) Hexachloroethane	7.25	117	117076	31.198	ng	93
19) n-Nitroso-di-n-propylamine	7.15	70	206017	30.483	ng	97
20) 3+4-Methylphenols	7.14	107	315108	36.382	ng	# 88
22) Acetophenone	7.13	105	420630	34.760	ng	92
24) Nitrobenzene	7.31	77	327287	34.001	ng	97
25) Isophorone	7.55	82	602784	32.352	ng	99
26) 2-Nitrophenol	7.63	139	165070	41.195	ng	100
27) 2,4-Dimethylphenol	7.67	122	280015	37.562	ng	99
28) bis(2-Chloroethoxy)methane	7.76	93	377507	32.407	ng	99
29) 2,4-Dichlorophenol	7.87	162	275130	38.058	ng	98
30) 1,2,4-Trichlorobenzene	7.96	180	275495	35.467	ng	98
31) Naphthalene	8.03	128	906882	35.296	ng	100
32) Benzoic acid	7.77	122	166394	31.846	ng	89
33) 4-Chloroaniline	8.08	127	127860	11.749	ng	99
34) Hexachlorobutadiene	8.16	225	159616	36.436	ng	98
35) Caprolactam	8.43	113	63340	24.877	ng	96
36) 4-Chloro-3-methylphenol	8.57	107	305779	38.220	ng	97
37) 2-Methylnaphthalene	8.73	142	624753	37.653	ng	97
38) 1-Methylnaphthalene	8.82	142	592337	36.853	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.89	216	279561	32.842	ng	99

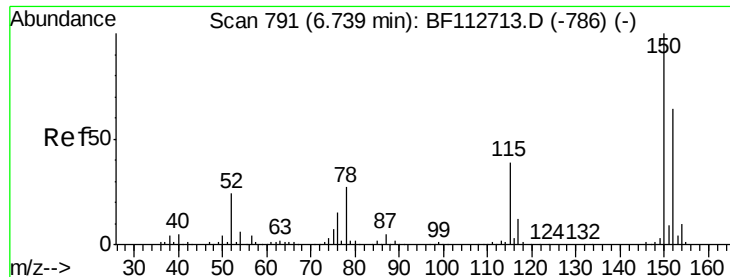
Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF031119\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.89	237	263601	56.550	ng	99
43) 2,4,6-Trichlorophenol	9.00	196	220444	37.628	ng	100
44) 2,4,5-Trichlorophenol	9.05	196	241629	38.158	ng	96
46) 1,1'-Biphenyl	9.19	154	792558	33.287	ng	100
47) 2-Chloronaphthalene	9.21	162	611604	32.897	ng	99
48) 2-Nitroaniline	9.30	65	215014	38.049	ng	95
49) Acenaphthylene	9.62	152	1060283	33.593	ng	99
50) Dimethylphthalate	9.49	163	849875	39.485	ng	99
51) 2,6-Dinitrotoluene	9.55	165	175715	39.203	ng	# 81
52) Acenaphthene	9.80	154	626384	33.937	ng	98
53) 3-Nitroaniline	9.71	138	142516	26.094	ng	96
54) 2,4-Dinitrophenol	9.82	184	152460	82.902	ng	98
55) Dibenzofuran	9.97	168	959617	35.772	ng	96
56) 4-Nitrophenol	9.88	139	373485	84.142	ng	94
57) 2,4-Dinitrotoluene	9.95	165	249217	44.731	ng	# 82
58) Fluorene	10.31	166	716452	37.630	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.09	232	231585	43.896	ng	93
60) Diethylphthalate	10.19	149	801496	35.257	ng	99
61) 4-Chlorophenyl-phenylether	10.30	204	357182	40.321	ng	90
62) 4-Nitroaniline	10.32	138	215116	42.624	ng	94
63) Azobenzene	10.46	77	771530	33.135	ng	94
65) 4,6-Dinitro-2-methylphenol	10.36	198	106998	39.180	ng	81
66) n-Nitrosodiphenylamine	10.42	169	694573	31.805	ng	99
67) 4-Bromophenyl-phenylether	10.79	248	240363	33.512	ng	# 89
68) Hexachlorobenzene	10.86	284	285553	35.318	ng	# 86
69) Atrazine	10.95	200	242069	36.192	ng	99
70) Pentachlorophenol	11.05	266	349623	73.470	ng	98
71) Phenanthrene	11.26	178	1217805	35.945	ng	99
72) Anthracene	11.32	178	1262468	35.598	ng	99
73) Carbazole	11.47	167	1257189	36.339	ng	100
74) Di-n-butylphthalate	11.81	149	1437271	34.647	ng	99
75) Fluoranthene	12.45	202	1462125	40.281	ng	99
77) Benzidine	12.56	184	479779	17.197	ng	99
78) Pyrene	12.67	202	1490188	32.872	ng	99
80) Butylbenzylphthalate	13.29	149	680765	34.021	ng	97
81) Benzo(a)anthracene	13.86	228	1124387	30.170	ng	100
82) 3,3'-Dichlorobenzidine	13.82	252	307700	21.830	ng	100
83) Chrysene	13.89	228	1151060	31.531	ng	99
84) Bis(2-ethylhexyl)phthalate	13.86	149	828098	35.282	ng	100
85) Di-n-octyl phthalate	14.46	149	1519839	37.711	ng	97
86) Indeno(1,2,3-cd)pyrene	16.63	276	1177834	37.845	ng	95
88) Benzo(b)fluoranthene	14.87	252	1095261	32.212	ng	# 98
89) Benzo(k)fluoranthene	14.87	252	1095261	35.562	ng	98
90) Benzo(a)pyrene	15.22	252	1021189	33.955	ng	97
91) Dibenzo(a,h)anthracene	16.64	278	982618	38.289	ng	99
92) Benzo(g,h,i)perylene	17.04	276	951529	36.924	ng	96

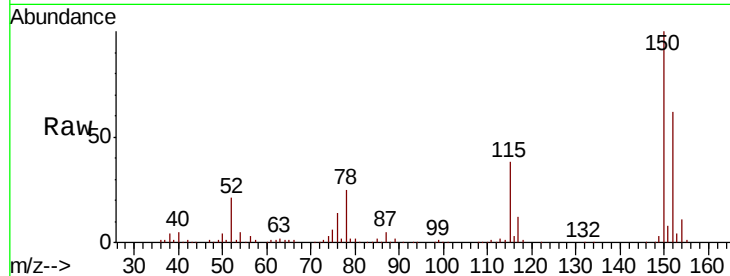
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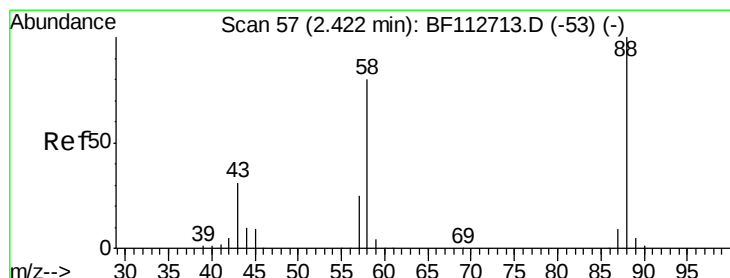
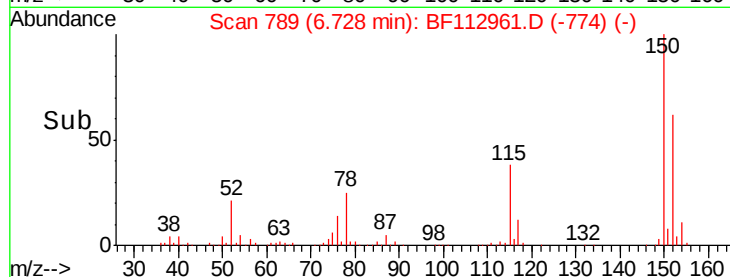
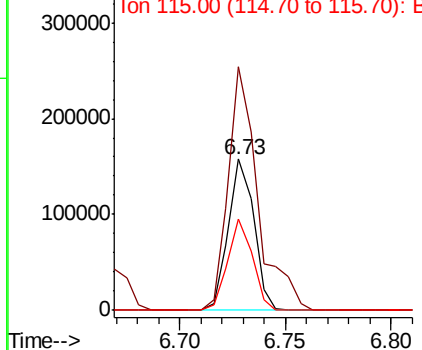
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.73 min Scan# 789
 Delta R.T. -0.01 min
 Lab File: BF112961.D
 Acq: 11 Mar 2019 18:15

Instrument :
 BNA_F
 ClientSampleId :
 SD2-0.0-0.5MS

Tgt Ion: 152 Resp: 132145
 Ion Ratio Lower Upper
 152 100
 150 161.2 124.2 186.2
 115 60.5 48.2 72.4

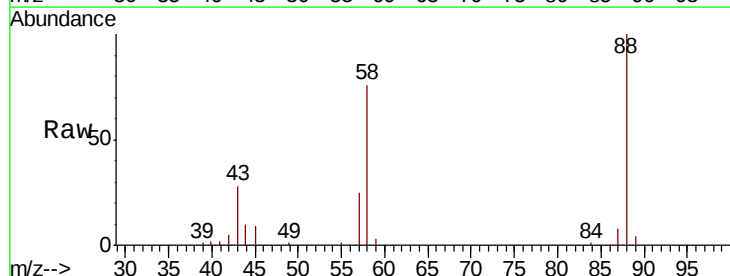


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

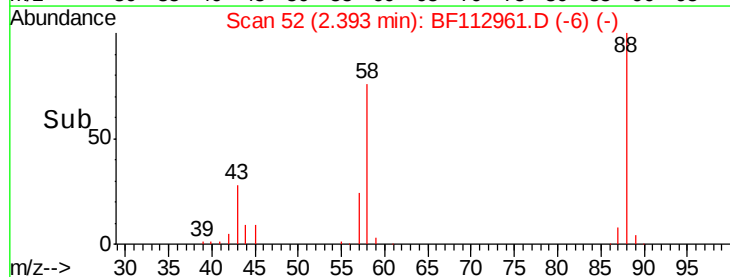
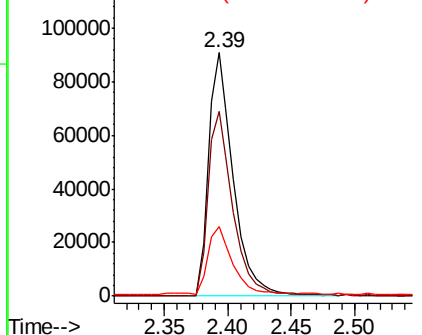


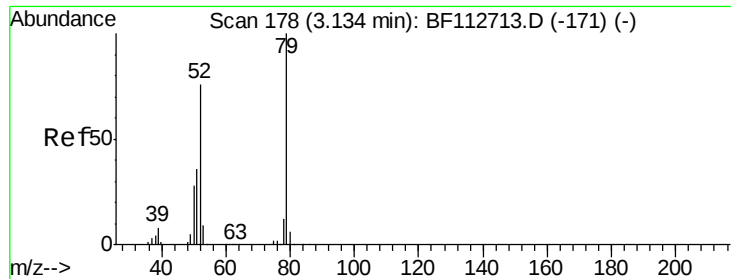
#2
 1,4-Dioxane
 Concen: 28.985 ng
 RT: 2.39 min Scan# 52
 Delta R.T. -0.03 min
 Lab File: BF112961.D
 Acq: 11 Mar 2019 18:15

Tgt Ion: 88 Resp: 123427
 Ion Ratio Lower Upper
 88 100
 58 76.6 63.1 94.7
 43 28.6 24.3 36.5



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





#3

Pyridine

Concen: 24.101 ng

RT: 3.12 min Scan# 175

Delta R.T. -0.02 min

Lab File: BF112961.D

Acq: 11 Mar 2019 18:15

Instrument :

BNA_F

ClientSampleId :

SD2-0.0-0.5MS

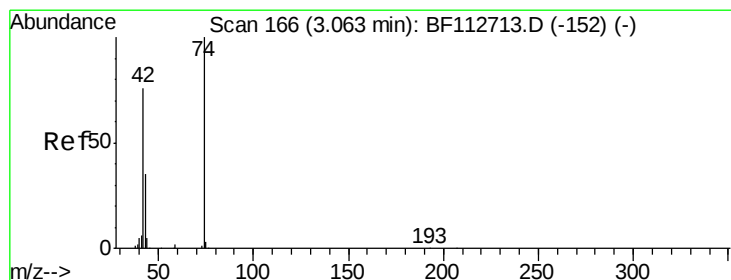
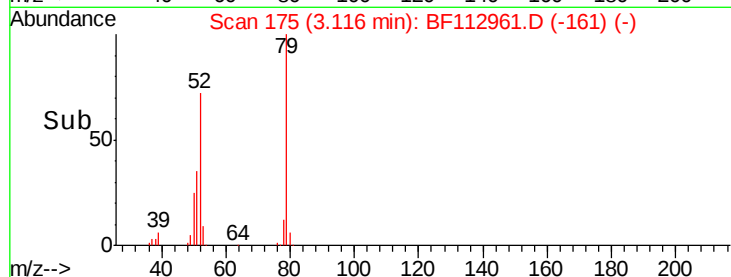
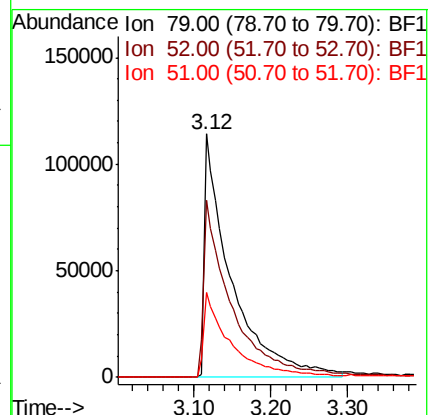
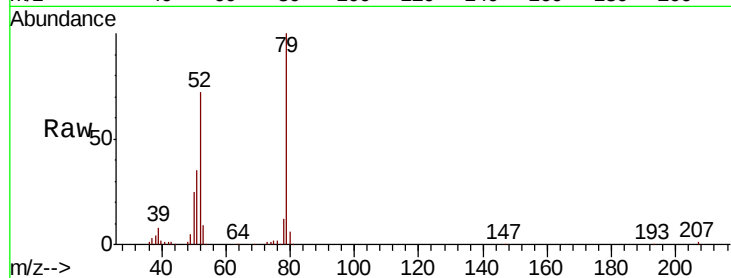
Tgt Ion: 79 Resp: 274577

Ion Ratio Lower Upper

79 100

52 72.5 60.5 90.7

51 35.0 28.8 43.2



#4

n-Nitrosodimethylamine

Concen: 28.081 ng

RT: 3.03 min Scan# 160

Delta R.T. -0.04 min

Lab File: BF112961.D

Acq: 11 Mar 2019 18:15

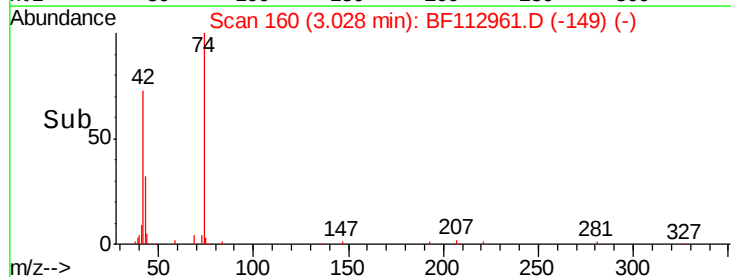
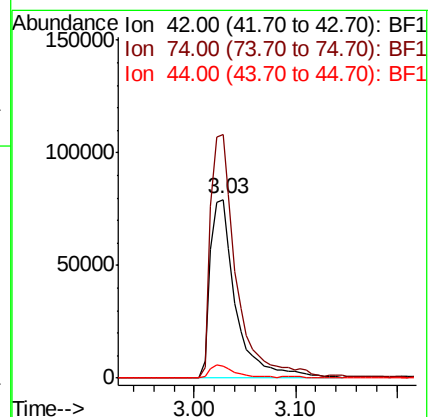
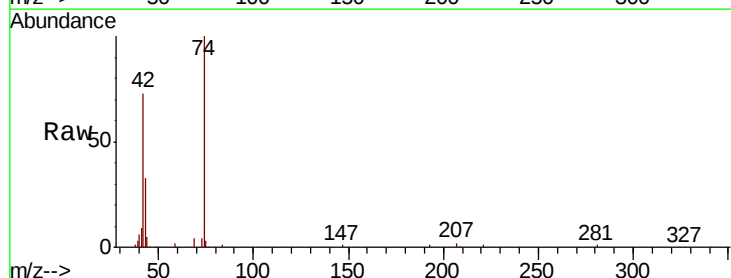
Tgt Ion: 42 Resp: 139947

Ion Ratio Lower Upper

42 100

74 136.4 105.8 158.8

44 6.9 6.2 9.2





#5

2-Fluorophenol

Concen: 108.401 ng

RT: 5.34 min Scan# 553

Delta R.T. -0.01 min

Lab File: BF112961.D

Acq: 11 Mar 2019 18:15

Instrument :

BNA_F

ClientSampleId :

SD2-0.0-0.5MS

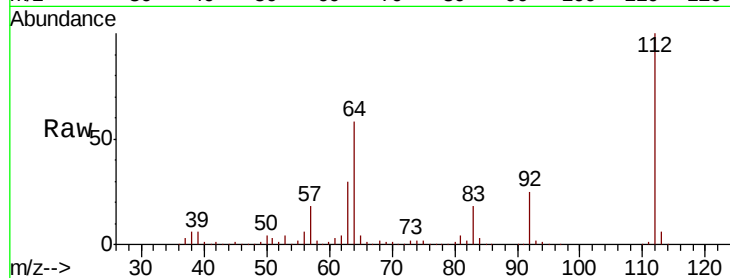
Tgt Ion: 112 Resp: 920879

Ion Ratio Lower Upper

112 100

64 58.4 47.6 71.4

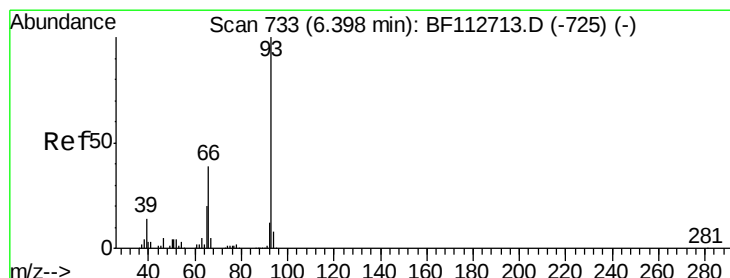
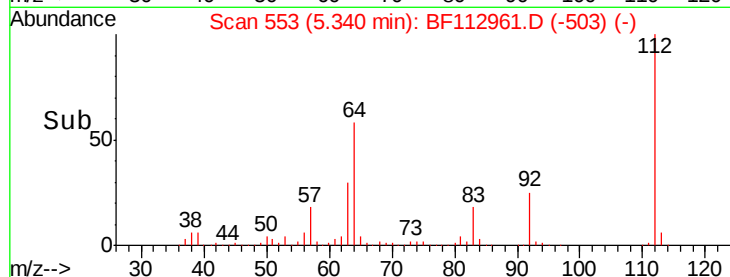
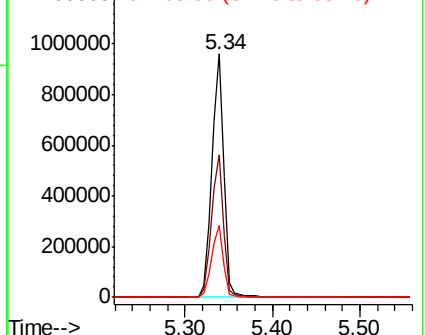
63 29.8 24.4 36.6



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 15.304 ng

RT: 6.39 min Scan# 731

Delta R.T. -0.01 min

Lab File: BF112961.D

Acq: 11 Mar 2019 18:15

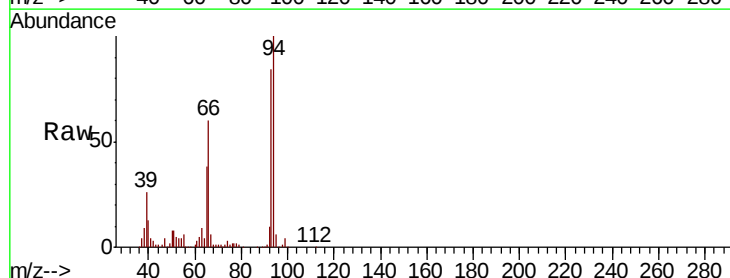
Tgt Ion: 93 Resp: 224805

Ion Ratio Lower Upper

93 100

66 71.3 32.2 48.2#

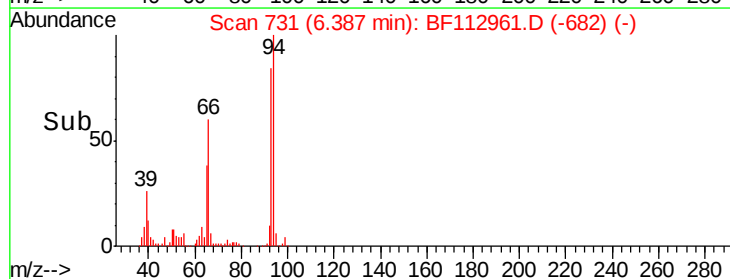
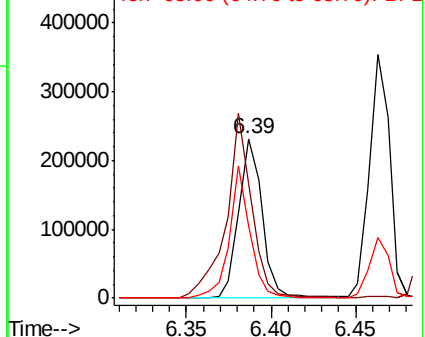
65 45.5 16.2 24.4#

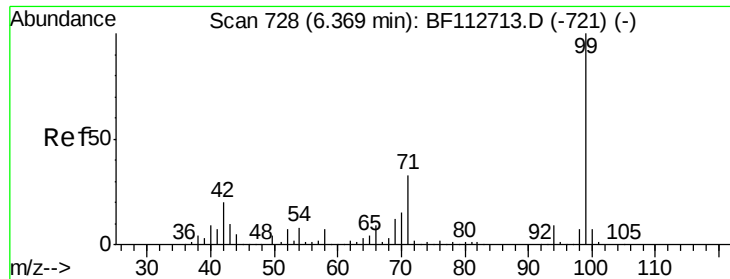


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 112.206 ng

RT: 6.37 min Scan# 728

Delta R.T. 0.00 min

Lab File: BF112961.D

Acq: 11 Mar 2019 18:15

Instrument :

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ClientSampleId :

SD2-0.0-0.5MS

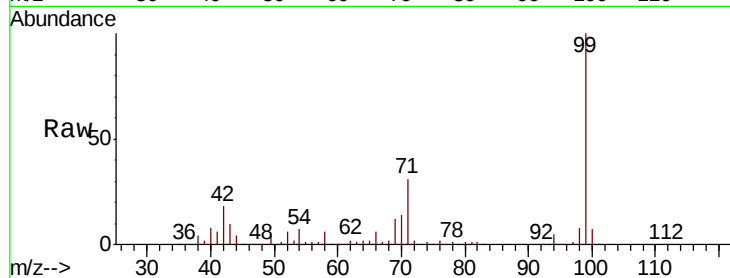
Tgt Ion: 99 Resp: 1197377

Ion Ratio Lower Upper

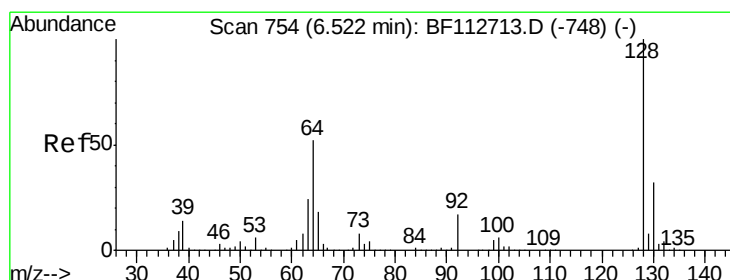
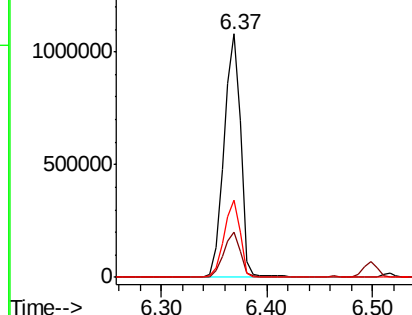
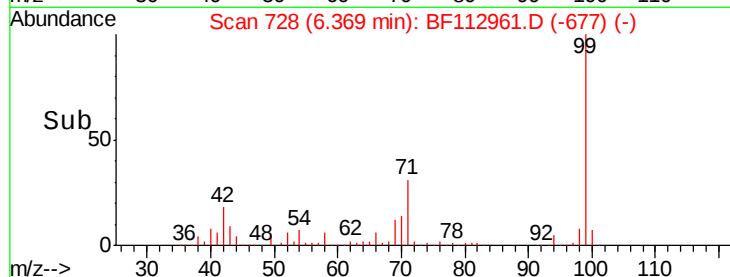
99 100

42 18.3 16.3 24.5

71 31.5 26.2 39.4



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: 32.657 ng

RT: 6.52 min Scan# 753

Delta R.T. -0.01 min

Lab File: BF112961.D

Acq: 11 Mar 2019 18:15

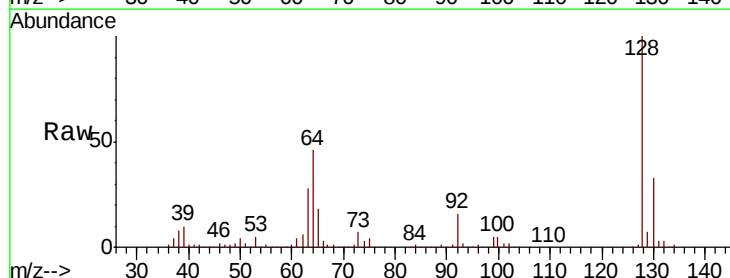
Tgt Ion: 128 Resp: 308818

Ion Ratio Lower Upper

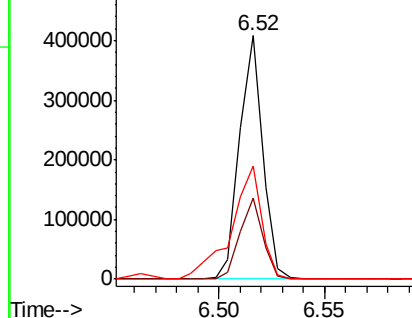
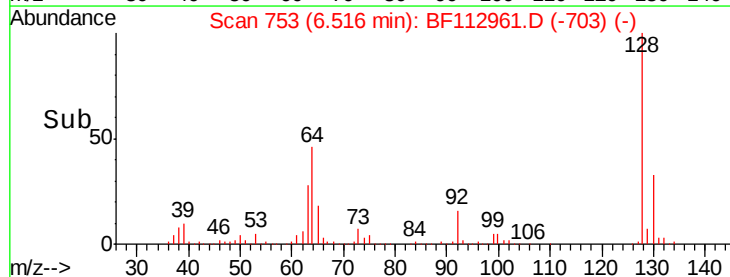
128 100

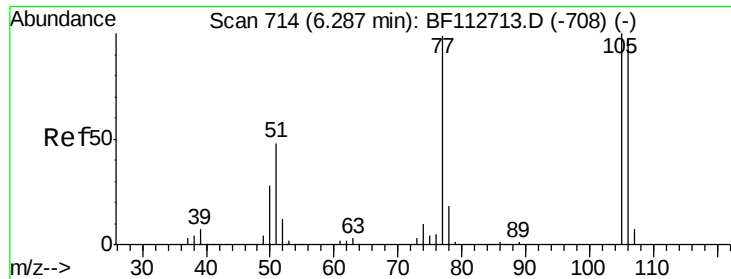
130 33.3 12.4 52.4

64 46.2 32.2 72.2



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: 17.895 ng

RT: 6.27 min Scan# 711

Delta R.T. -0.02 min

Lab File: BF112961.D

Acq: 11 Mar 2019 18:15

Instrument :

BNA_F

ClientSampleId :

SD2-0.0-0.5MS

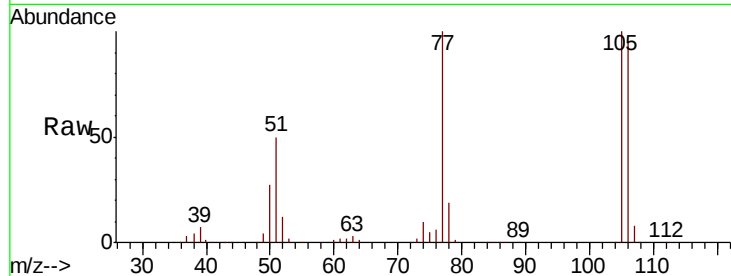
Tgt Ion: 77 Resp: 137598

Ion Ratio Lower Upper

77 100

105 100.3 81.4 121.4

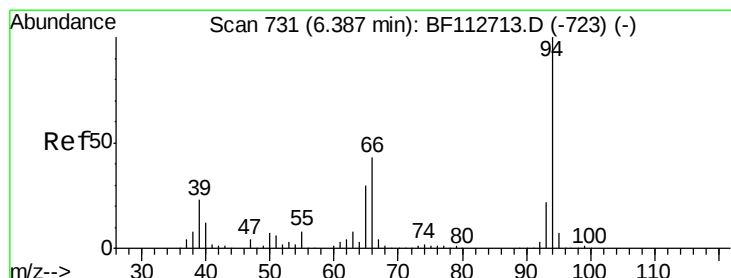
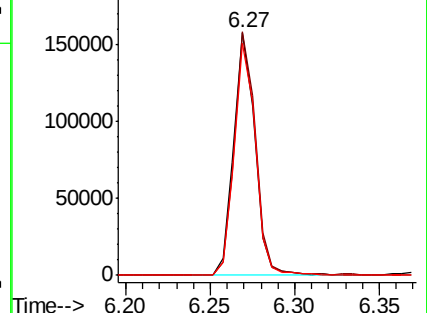
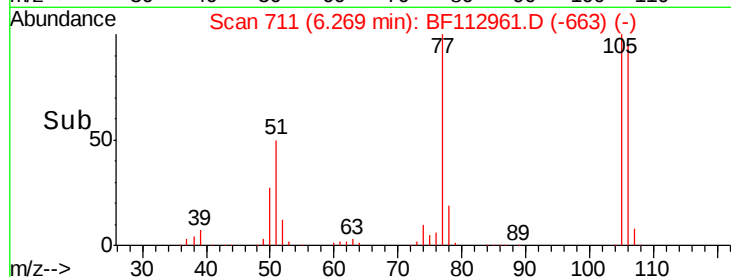
106 95.6 78.3 118.3



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 34.672 ng

RT: 6.38 min Scan# 730

Delta R.T. -0.01 min

Lab File: BF112961.D

Acq: 11 Mar 2019 18:15

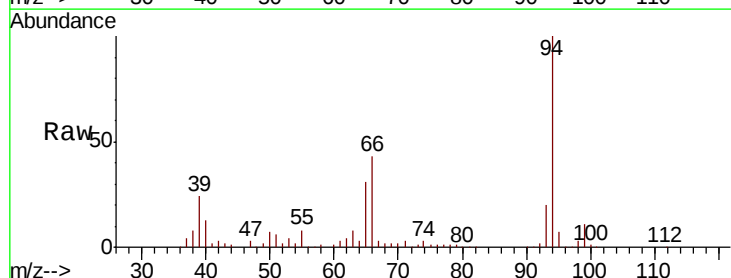
Tgt Ion: 94 Resp: 431761

Ion Ratio Lower Upper

94 100

65 31.1 10.5 50.5

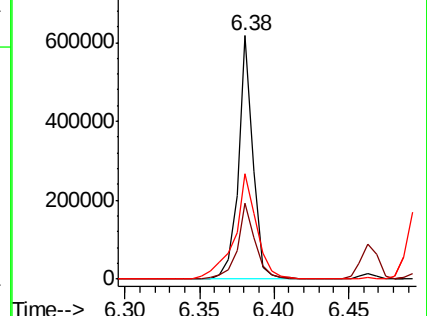
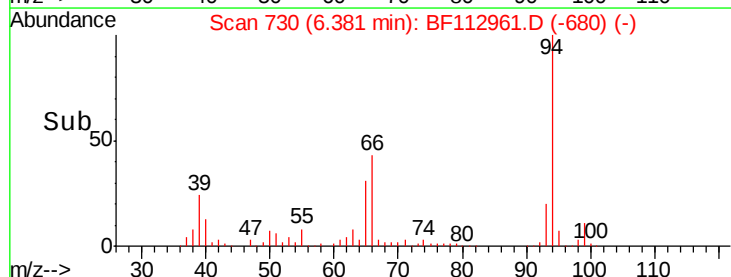
66 43.4 22.6 62.6



Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

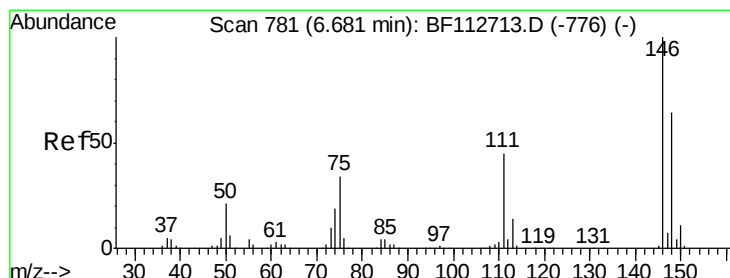
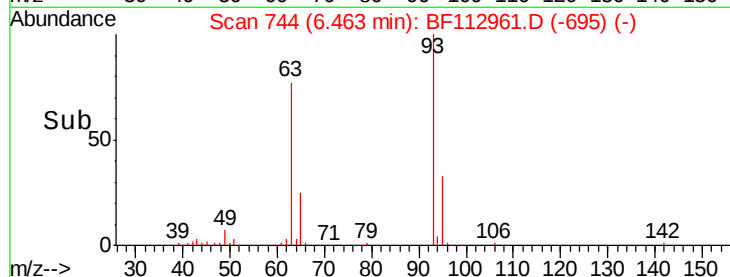
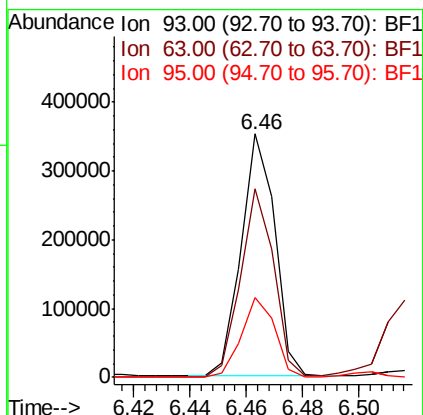
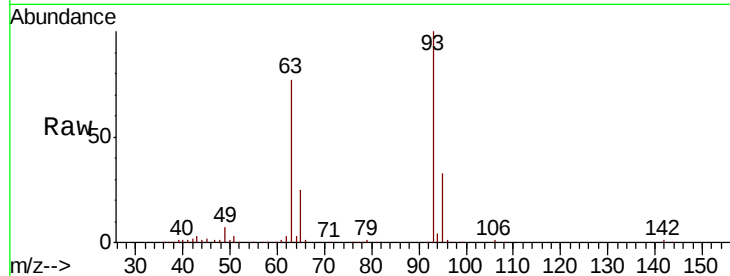




#11
bis(2-Chloroethyl)ether
Concen: 30.505 ng
RT: 6.46 min Scan# 744
Delta R.T. -0.01 min
Lab File: BF112961.D
Acq: 11 Mar 2019 18:15

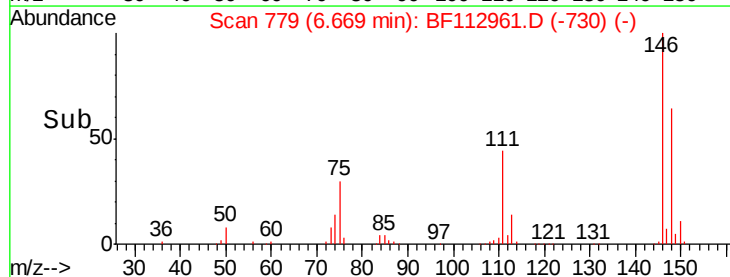
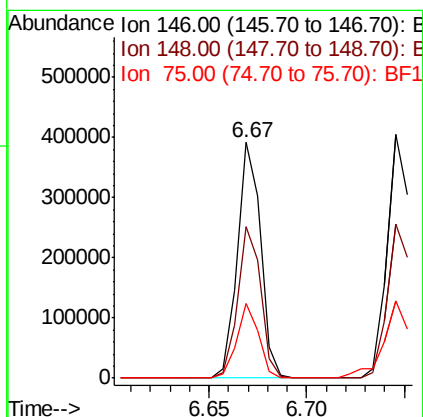
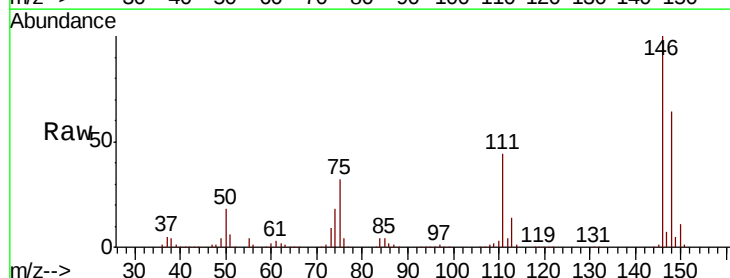
Instrument :
BNA_F
ClientSampleId :
SD2-0.0-0.5MS

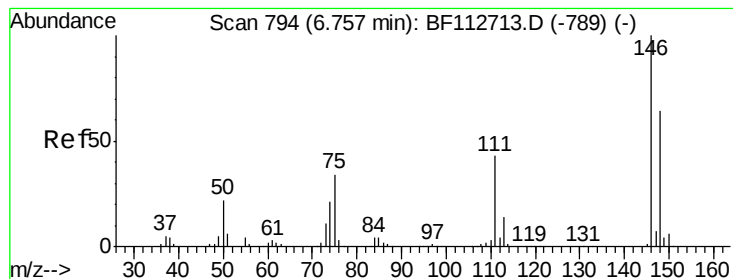
Tgt Ion: 93 Resp: 291563
Ion Ratio Lower Upper
93 100
63 77.4 60.5 100.5
95 32.9 12.1 52.1



#12
1,3-Dichlorobenzene
Concen: 33.057 ng
RT: 6.67 min Scan# 779
Delta R.T. -0.01 min
Lab File: BF112961.D
Acq: 11 Mar 2019 18:15

Tgt Ion: 146 Resp: 322926
Ion Ratio Lower Upper
146 100
148 64.3 50.9 76.3
75 31.8 26.9 40.3





#13

1,4-Dichlorobenzene

Concen: 33.989 ng

RT: 6.75 min Scan# 792

Delta R.T. -0.01 min

Lab File: BF112961.D

Acq: 11 Mar 2019 18:15

Instrument :

BNA_F

ClientSampleId :

SD2-0.0-0.5MS

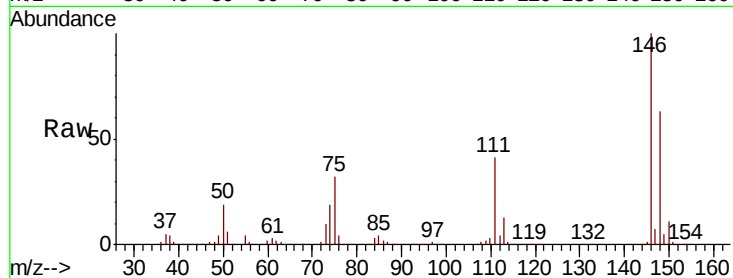
Tgt Ion:146 Resp: 332986

Ion Ratio Lower Upper

146 100

148 63.3 51.0 76.4

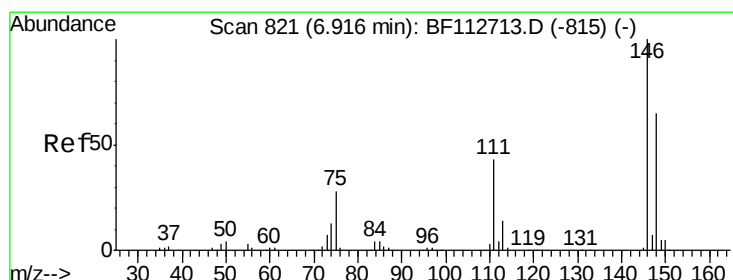
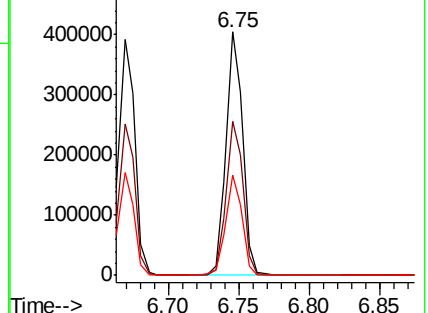
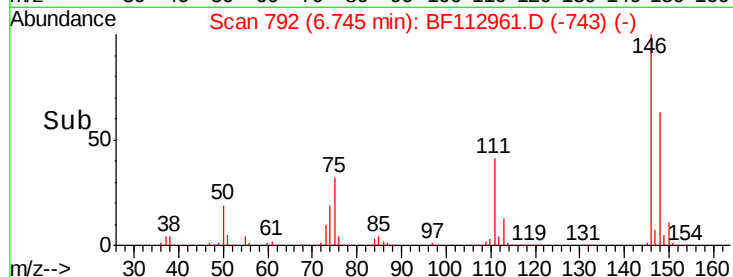
111 41.0 34.5 51.7



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: 35.189 ng

RT: 6.90 min Scan# 818

Delta R.T. -0.02 min

Lab File: BF112961.D

Acq: 11 Mar 2019 18:15

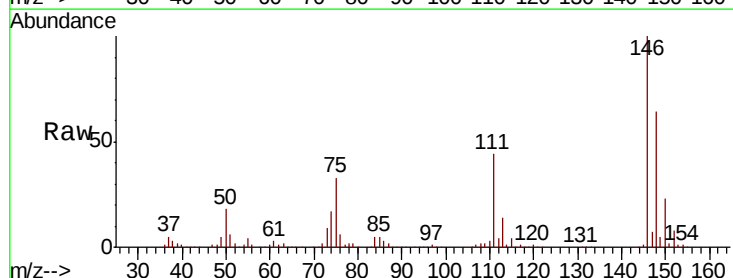
Tgt Ion:146 Resp: 316028

Ion Ratio Lower Upper

146 100

148 64.5 52.0 78.0

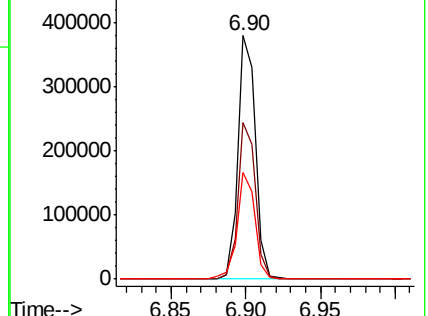
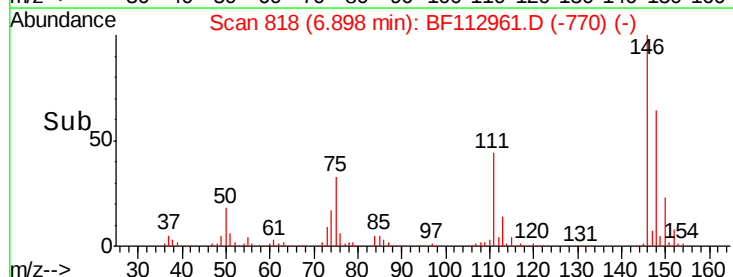
111 43.9 34.8 52.2

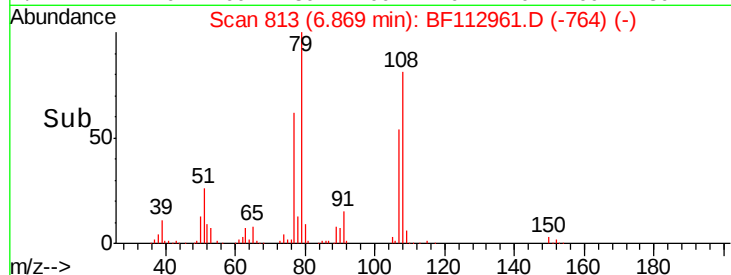
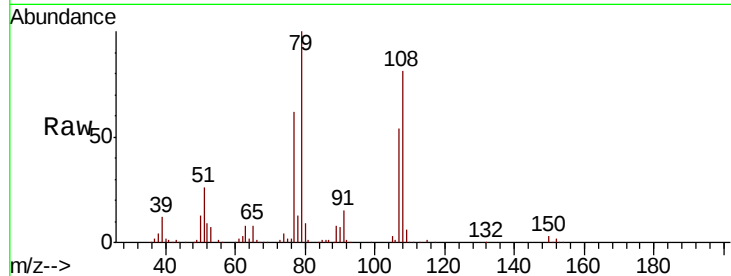
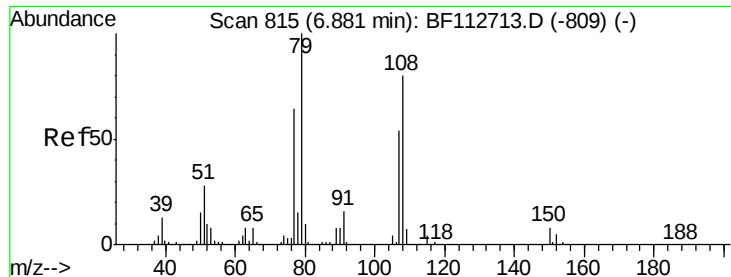


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 32.994 ng

RT: 6.87 min Scan# 813

Delta R.T. -0.01 min

Lab File: BF112961.D

Acq: 11 Mar 2019 18:15

Instrument :

BNA_F

ClientSampleId :

SD2-0.0-0.5MS

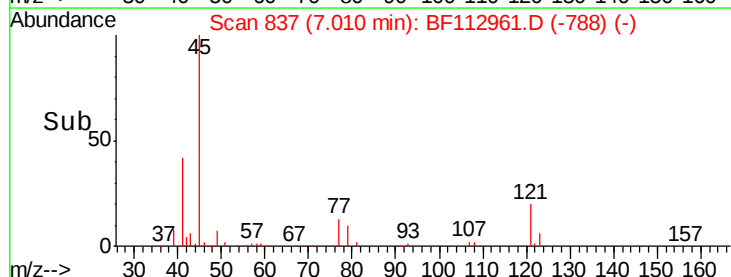
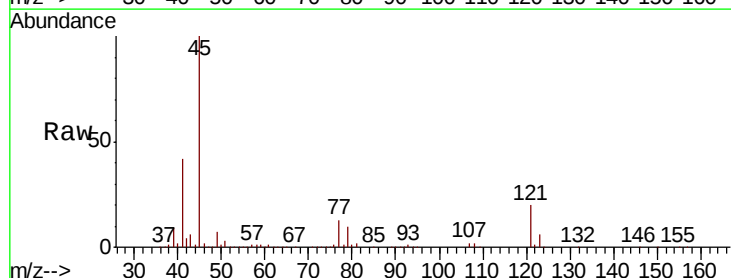
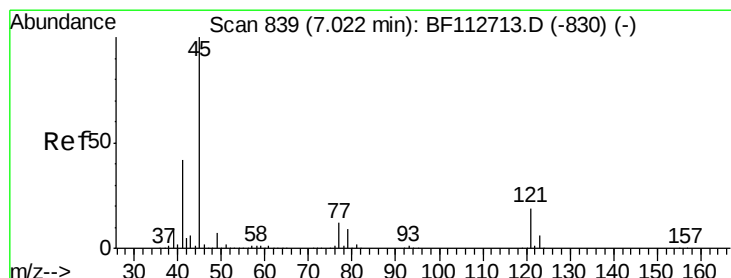
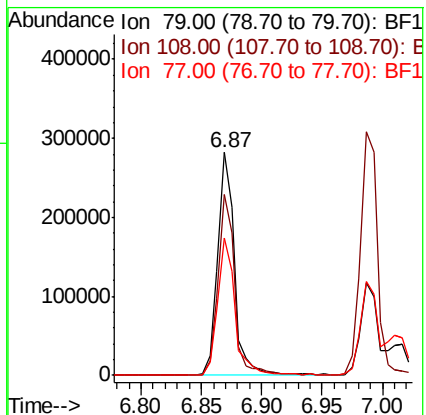
Tgt Ion: 79 Resp: 268475

Ion Ratio Lower Upper

79 100

108 81.0 64.2 96.4

77 61.9 51.1 76.7



#16

2,2'-oxybis(1-Chloropropane)

Concen: 29.830 ng

RT: 7.01 min Scan# 837

Delta R.T. -0.01 min

Lab File: BF112961.D

Acq: 11 Mar 2019 18:15

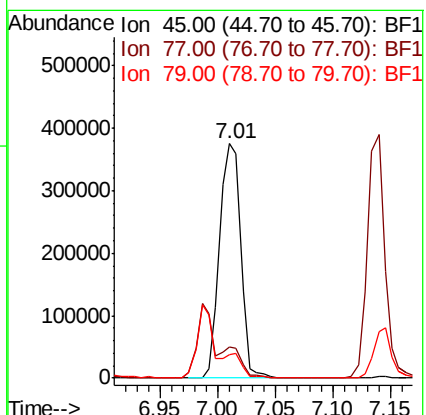
Tgt Ion: 45 Resp: 475807

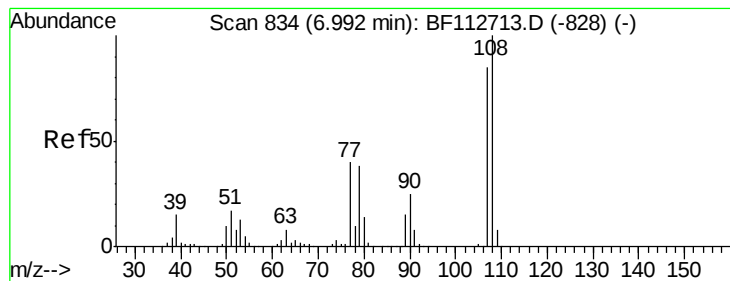
Ion Ratio Lower Upper

45 100

77 13.3 0.0 32.1

79 10.2 0.0 29.4





#17

2-Methylphenol

Concen: 33.311 ng

RT: 6.99 min Scan# 833

Delta R.T. -0.01 min

Lab File: BF112961.D

Acq: 11 Mar 2019 18:15

Instrument :

BNA_F

ClientSampleId :

SD2-0.0-0.5MS

Tgt Ion:107 Resp: 255552

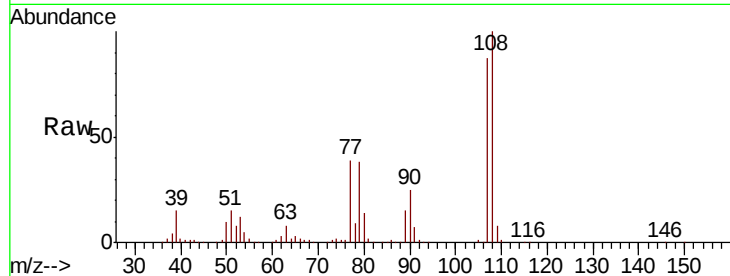
Ion Ratio Lower Upper

107 100

108 115.4 94.6 142.0

77 44.5 37.8 56.8

79 43.8 36.2 54.2

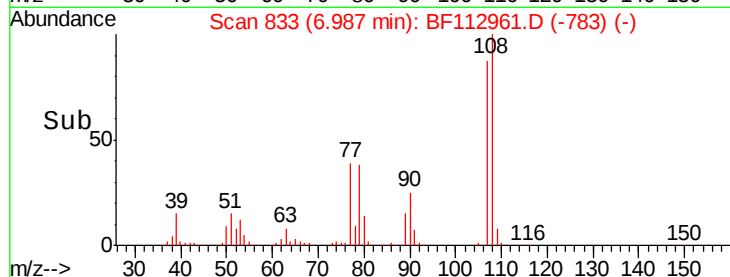


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



Abundance

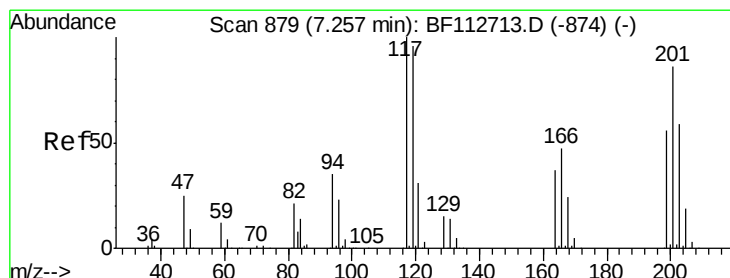
Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

Time-->



#18

Hexachloroethane

Concen: 31.198 ng

RT: 7.25 min Scan# 877

Delta R.T. -0.01 min

Lab File: BF112961.D

Acq: 11 Mar 2019 18:15

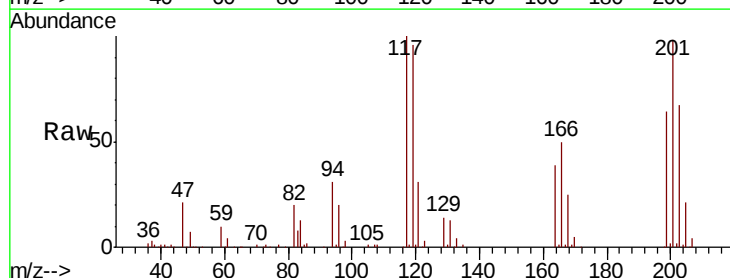
Tgt Ion:117 Resp: 117076

Ion Ratio Lower Upper

117 100

119 96.4 76.6 115.0

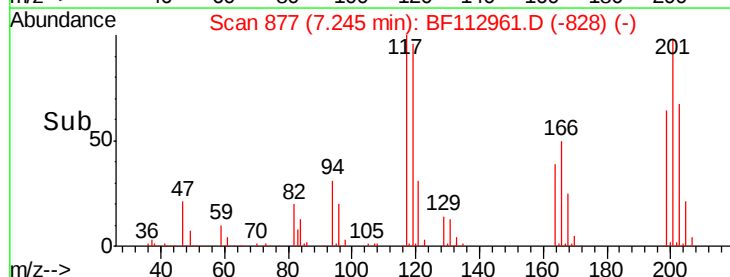
201 98.5 68.9 103.3



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



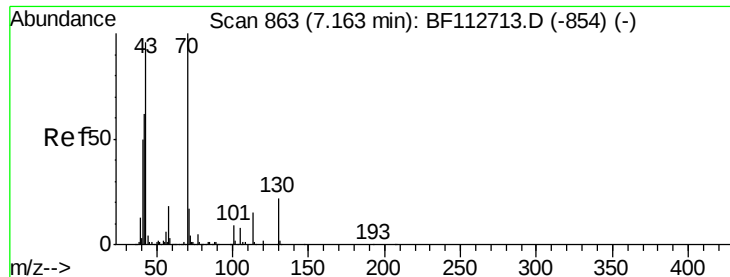
Abundance

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

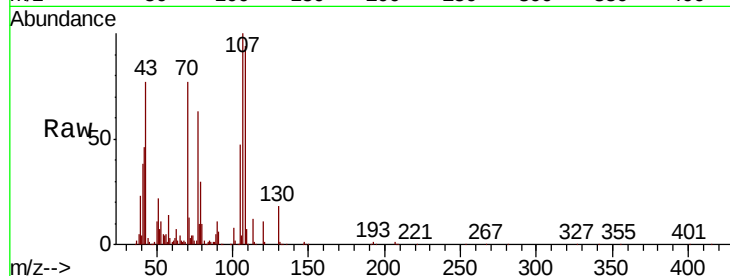
Time-->



#19
n-Nitroso-di-n-propylamine
Concen: 30.483 ng
RT: 7.15 min Scan# 860
Delta R.T. -0.02 min
Lab File: BF112961.D
Acq: 11 Mar 2019 18:15

Instrument :
BNA_F
ClientSampleId :
SD2-0.0-0.5MS

Tgt Ion:	70	Resp:	206017
Ion	Ratio	Lower	Upper
70	100		
42	60.4	49.9	74.9
101	10.2	7.4	11.2
130	22.8	17.4	26.2



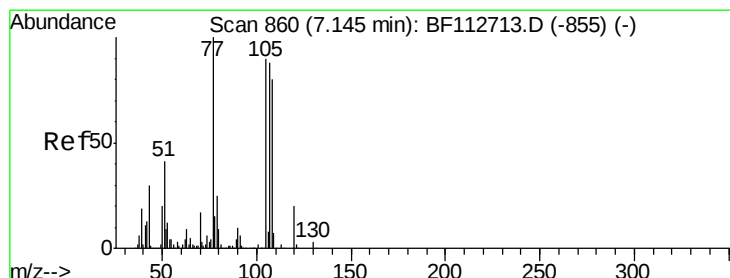
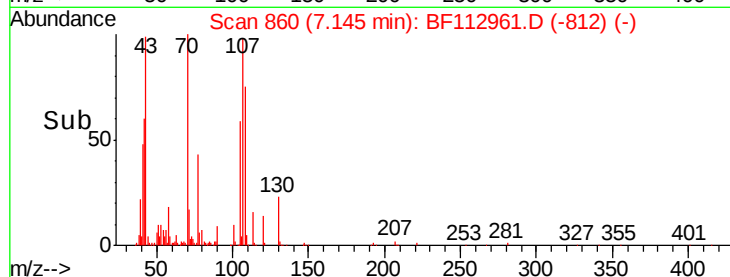
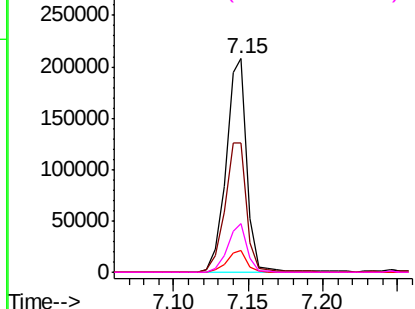
Abundance

Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1



#20
3+4-Methylphenols
Concen: 36.382 ng
RT: 7.14 min Scan# 859
Delta R.T. -0.01 min
Lab File: BF112961.D
Acq: 11 Mar 2019 18:15

Tgt Ion:	107	Resp:	315108
Ion	Ratio	Lower	Upper
107	100		
108	89.8	71.4	111.4
77	138.5	94.1	134.1#
79	26.3	8.6	48.6

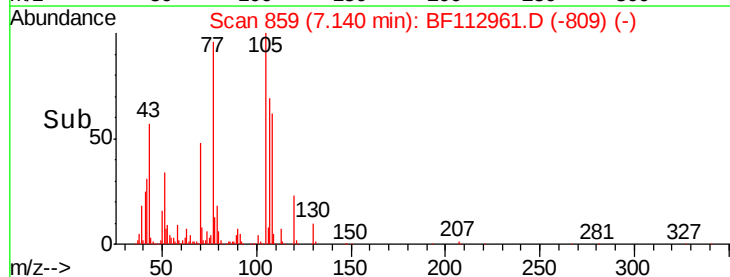
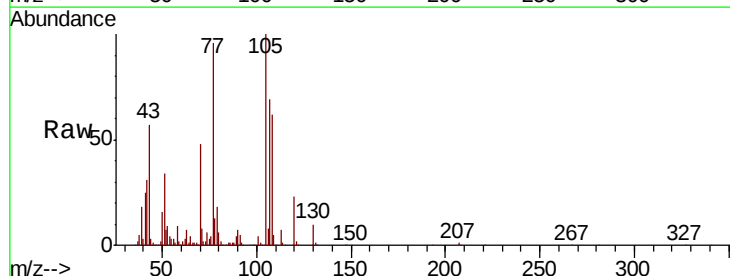
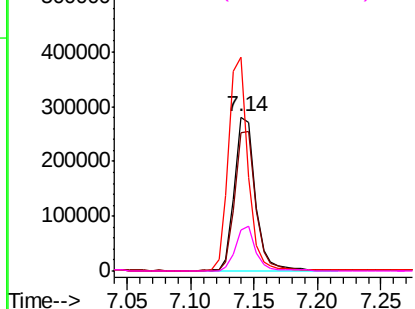
Abundance

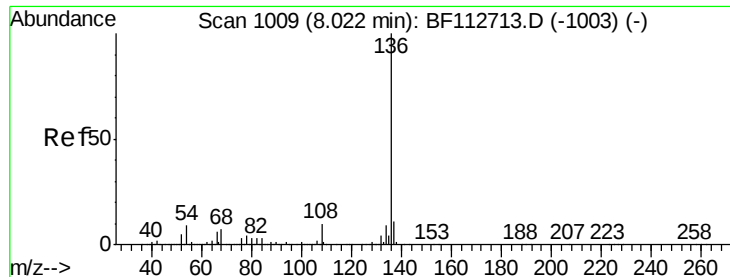
Ion 107.00 (106.70 to 107.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

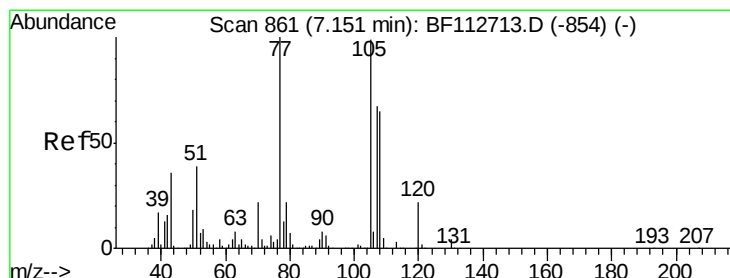
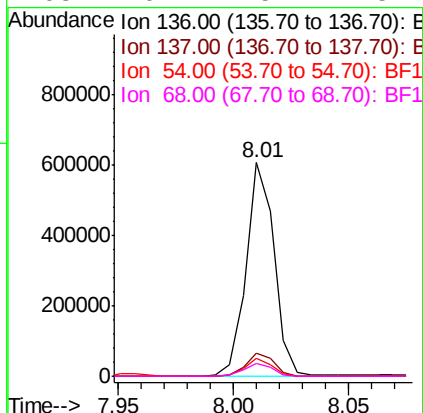
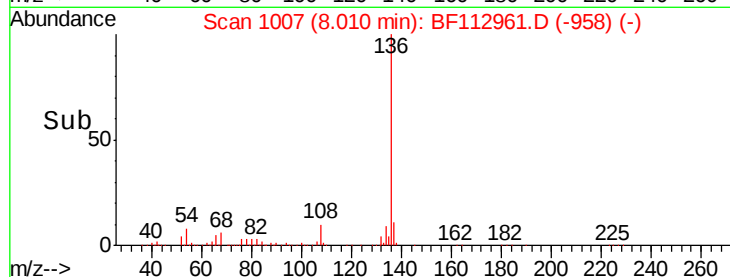
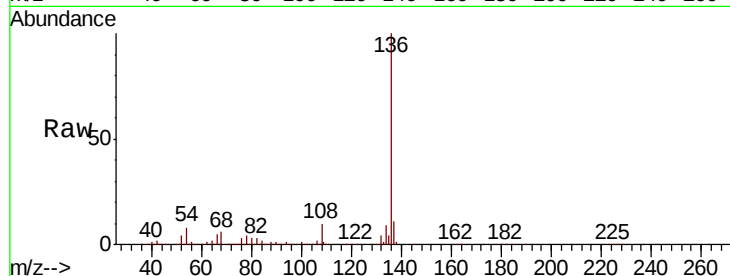




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.01 min Scan# 1007
Delta R.T. -0.01 min
Lab File: BF112961.D
Acq: 11 Mar 2019 18:15

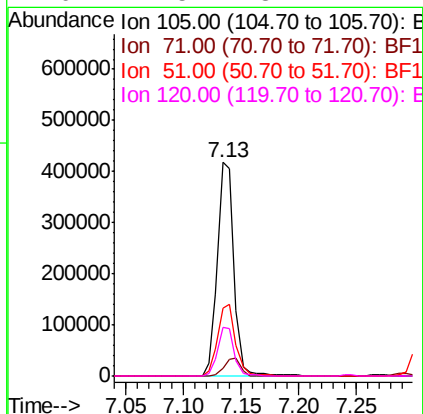
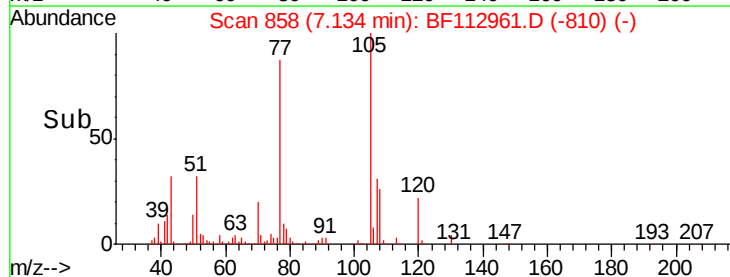
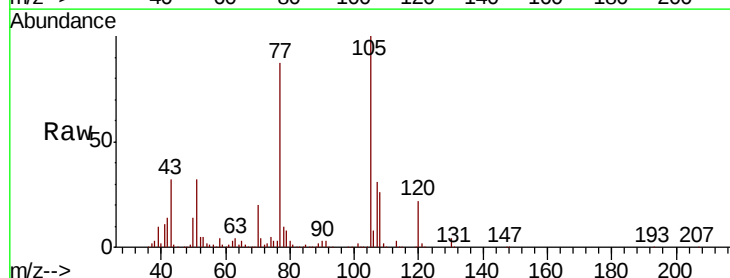
Instrument :
BNA_F
ClientSampleId :
SD2-0.0-0.5MS

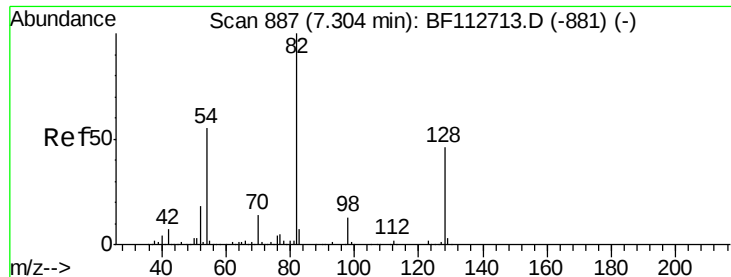
Tgt Ion:	136	Resp:	517512
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.9	13.3
54	8.3	7.3	10.9
68	6.2	5.4	8.2



#22
Acetophenone
Concen: 34.760 ng
RT: 7.13 min Scan# 858
Delta R.T. -0.02 min
Lab File: BF112961.D
Acq: 11 Mar 2019 18:15

Tgt Ion:	105	Resp:	420630
Ion	Ratio	Lower	Upper
105	100		
71	3.5	3.0	4.4
51	31.7	31.5	47.3
120	22.5	18.1	27.1

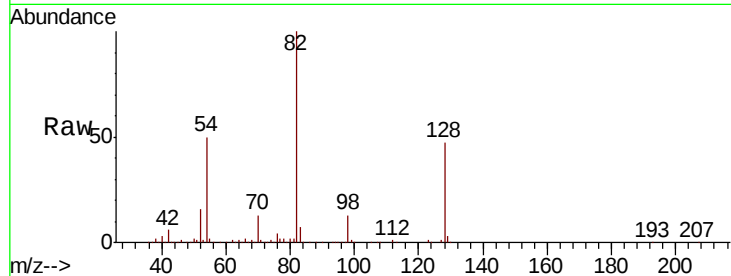




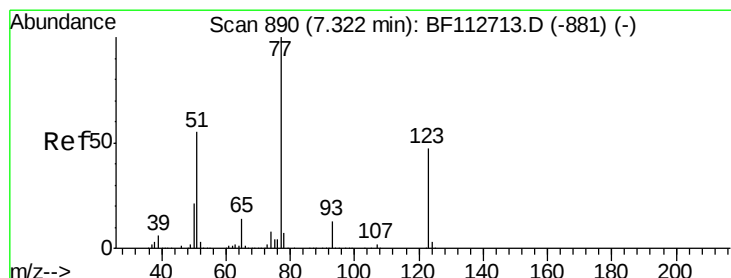
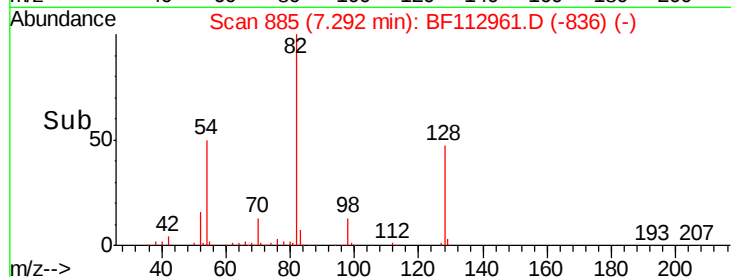
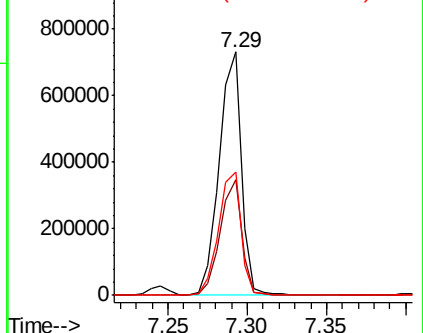
#23
Nitrobenzene-d5
Concen: 82.201 ng
RT: 7.29 min Scan# 885
Delta R.T. -0.01 min
Lab File: BF112961.D
Acq: 11 Mar 2019 18:15

Instrument :
BNA_F
ClientSampleId :
SD2-0.0-0.5MS

Tgt Ion: 82 Resp: 710924
Ion Ratio Lower Upper
82 100
128 47.4 36.3 54.5
54 50.4 43.7 65.5

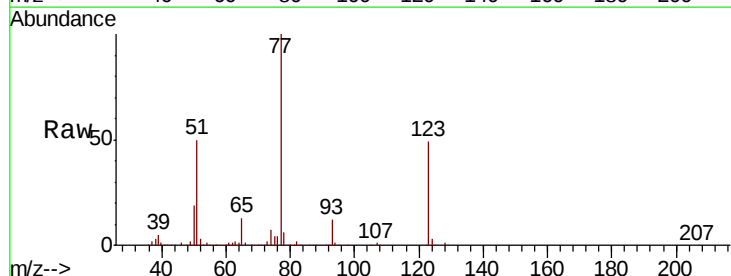


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

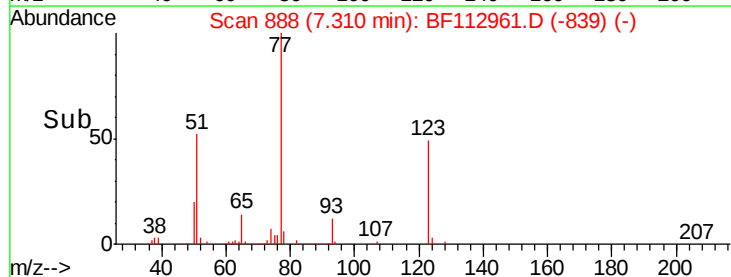
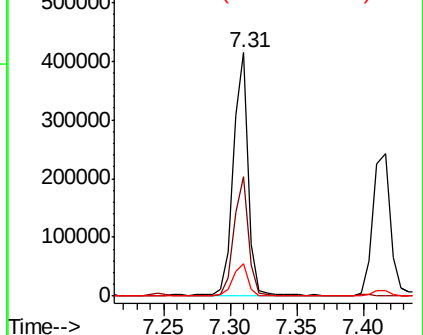


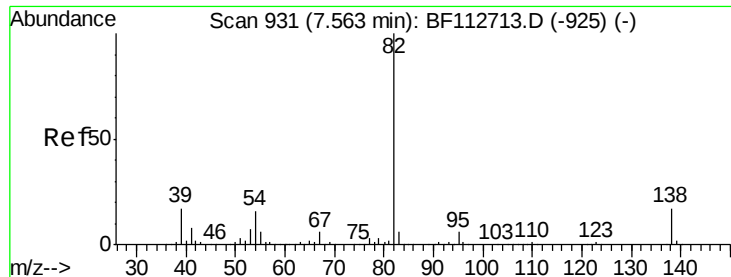
#24
Nitrobenzene
Concen: 34.001 ng
RT: 7.31 min Scan# 888
Delta R.T. -0.01 min
Lab File: BF112961.D
Acq: 11 Mar 2019 18:15

Tgt Ion: 77 Resp: 327287
Ion Ratio Lower Upper
77 100
123 49.3 37.8 56.6
65 13.2 11.1 16.7



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





#25

Isophorone

Concen: 32.352 ng

RT: 7.55 min Scan# 929

Delta R.T. -0.01 min

Lab File: BF112961.D

Acq: 11 Mar 2019 18:15

Instrument :

BNA_F

ClientSampleId :

SD2-0.0-0.5MS

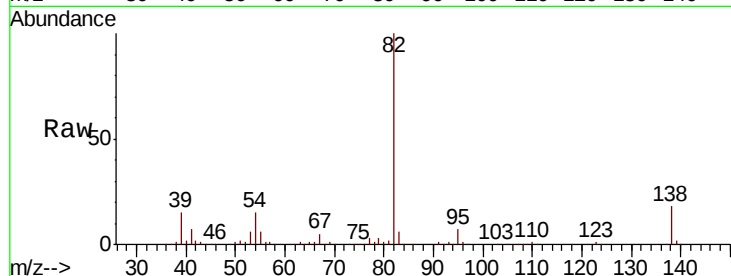
Tgt Ion: 82 Resp: 602784

Ion Ratio Lower Upper

82 100

95 6.6 5.2 7.8

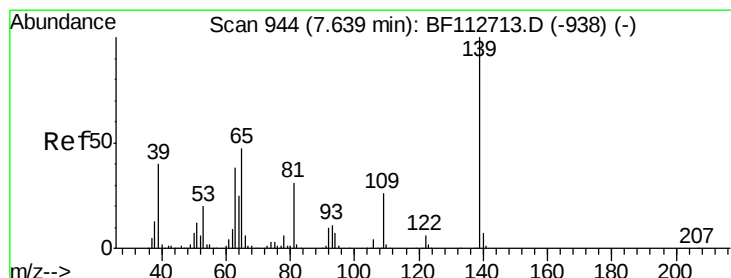
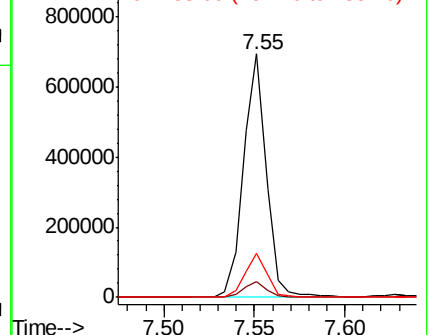
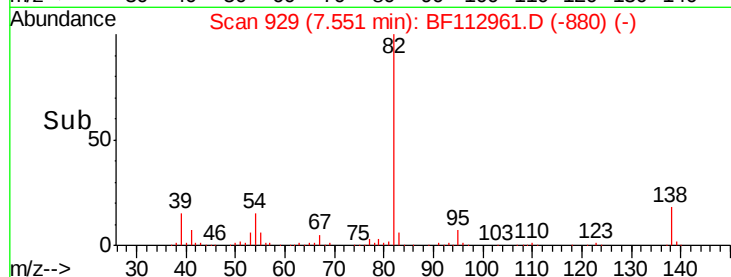
138 18.0 13.8 20.8



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 41.195 ng

RT: 7.63 min Scan# 942

Delta R.T. -0.01 min

Lab File: BF112961.D

Acq: 11 Mar 2019 18:15

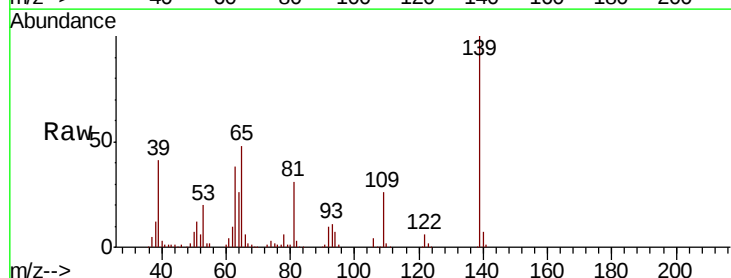
Tgt Ion: 139 Resp: 165070

Ion Ratio Lower Upper

139 100

109 25.9 20.6 31.0

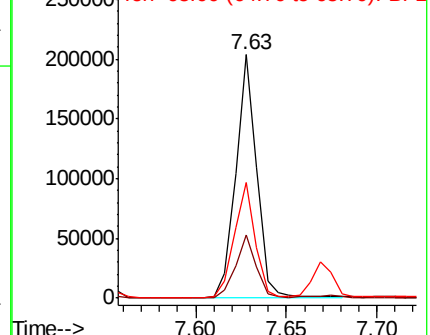
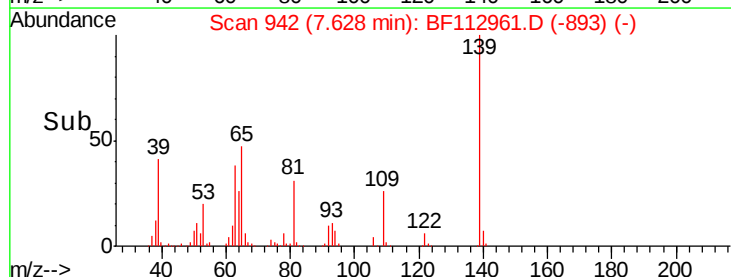
65 47.6 37.9 56.9

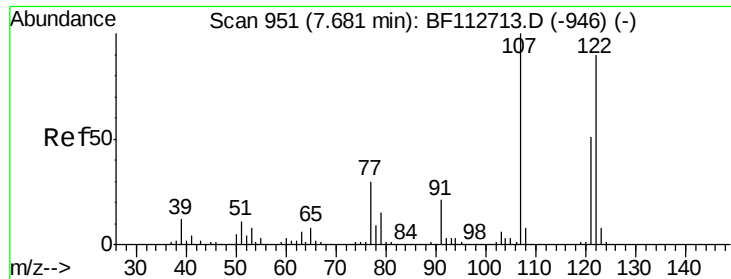


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1





#27

2,4-Dimethylphenol

Concen: 37.562 ng

RT: 7.67 min Scan# 949

Delta R.T. -0.01 min

Lab File: BF112961.D

Acq: 11 Mar 2019 18:15

Instrument :

BNA_F

ClientSampleId :

SD2-0.0-0.5MS

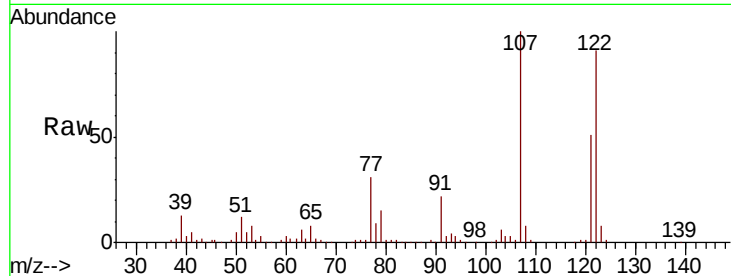
Tgt Ion: 122 Resp: 280015

Ion Ratio Lower Upper

122 100

107 110.3 89.4 134.0

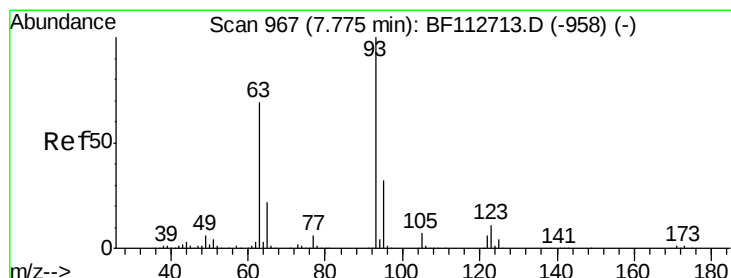
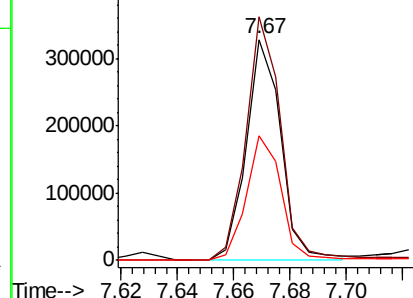
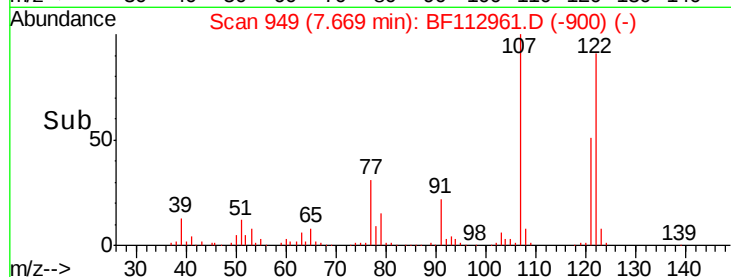
121 56.7 45.5 68.3



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 32.407 ng

RT: 7.76 min Scan# 965

Delta R.T. -0.01 min

Lab File: BF112961.D

Acq: 11 Mar 2019 18:15

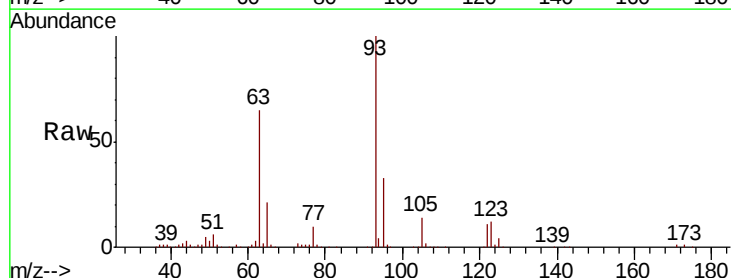
Tgt Ion: 93 Resp: 377507

Ion Ratio Lower Upper

93 100

95 33.1 26.0 39.0

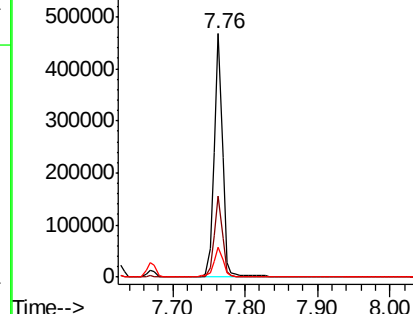
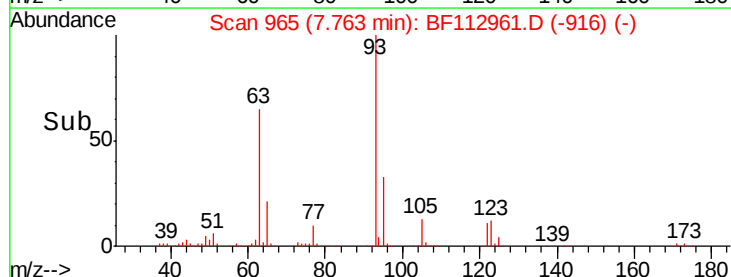
123 12.4 9.3 13.9

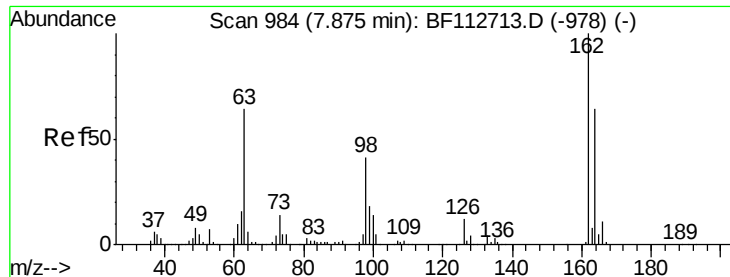


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

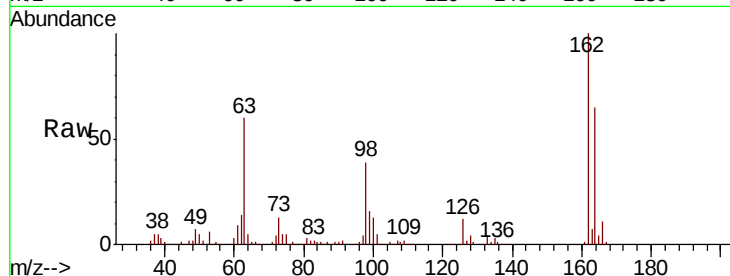




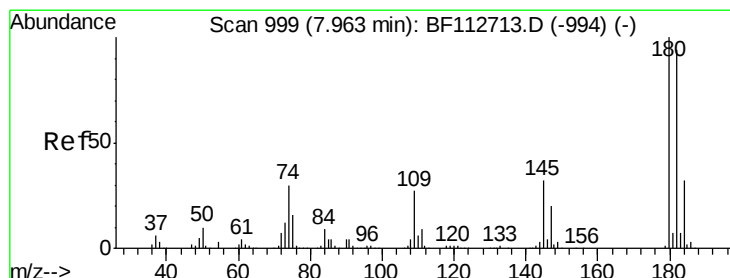
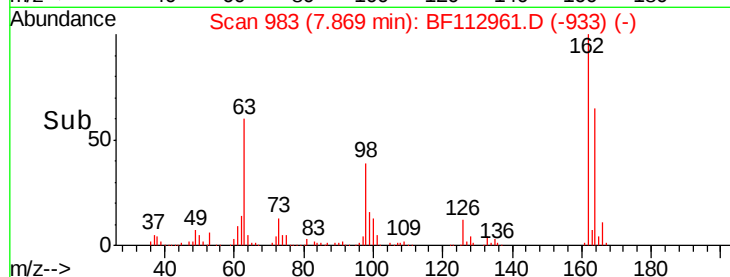
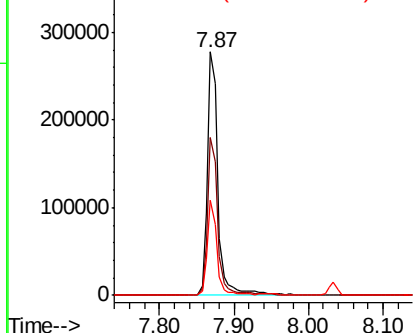
#29
2,4-Dichlorophenol
Concen: 38.058 ng
RT: 7.87 min Scan# 983
Delta R.T. -0.01 min
Lab File: BF112961.D
Acq: 11 Mar 2019 18:15

Instrument :
BNA_F
ClientSampleId :
SD2-0.0-0.5MS

Tgt Ion:162 Resp: 275130
Ion Ratio Lower Upper
162 100
164 64.9 44.0 84.0
98 39.0 20.7 60.7

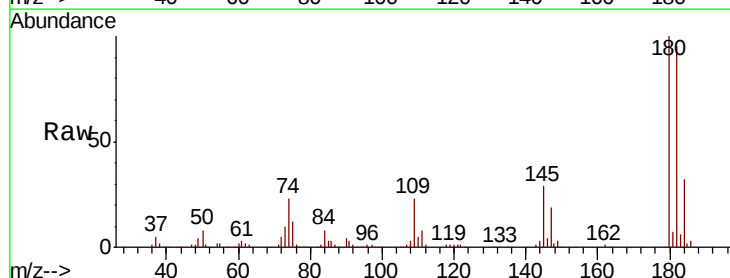


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

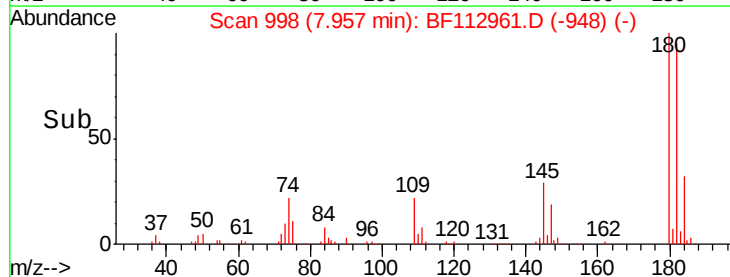
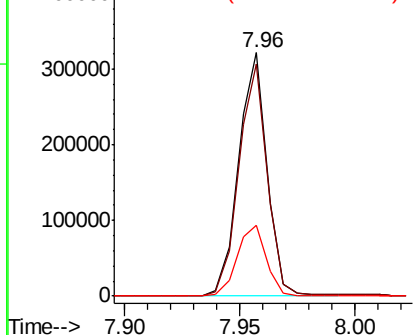


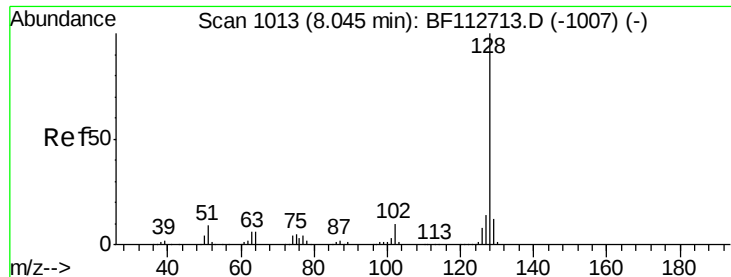
#30
1,2,4-Trichlorobenzene
Concen: 35.467 ng
RT: 7.96 min Scan# 998
Delta R.T. -0.01 min
Lab File: BF112961.D
Acq: 11 Mar 2019 18:15

Tgt Ion:180 Resp: 275495
Ion Ratio Lower Upper
180 100
182 95.2 75.2 112.8
145 29.2 25.4 38.0



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

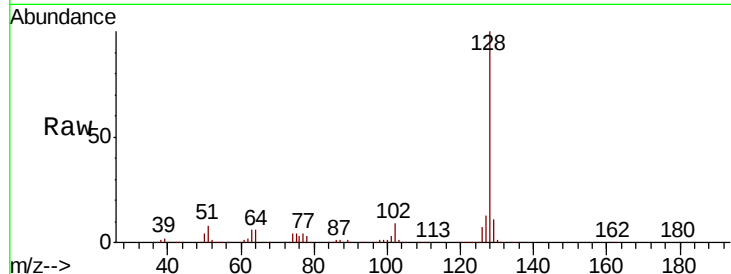




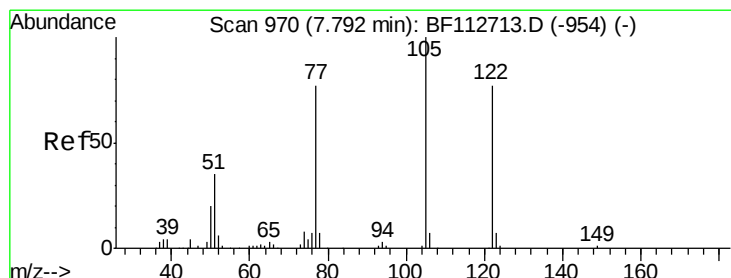
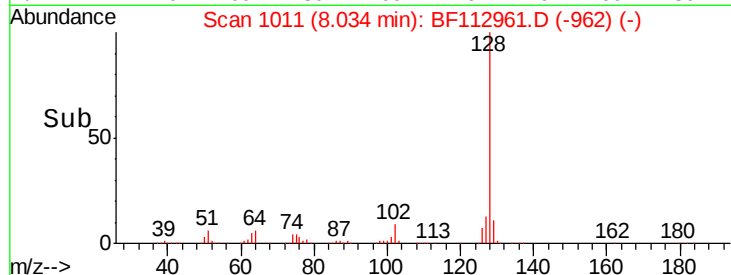
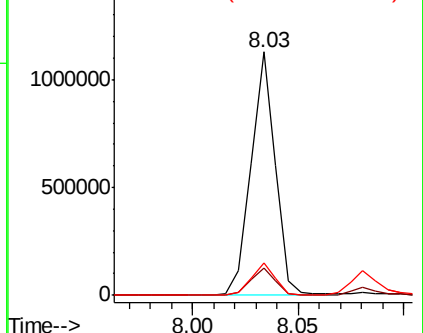
#31
Naphthalene
Concen: 35.296 ng
RT: 8.03 min Scan# 1011
Delta R.T. -0.01 min
Lab File: BF112961.D
Acq: 11 Mar 2019 18:15

Instrument :
BNA_F
ClientSampleId :
SD2-0.0-0.5MS

Tgt Ion:128 Resp: 906882
Ion Ratio Lower Upper
128 100
129 11.4 9.3 13.9
127 13.4 10.9 16.3

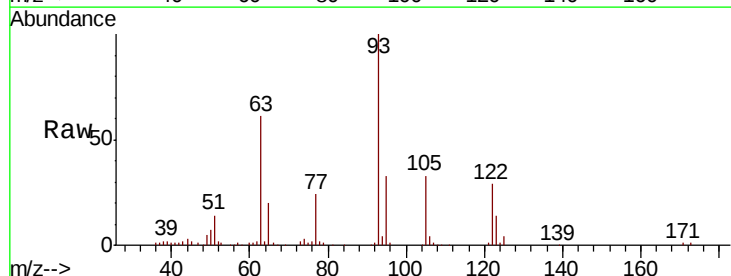


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

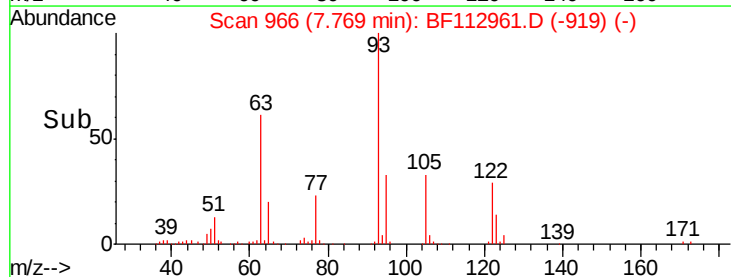
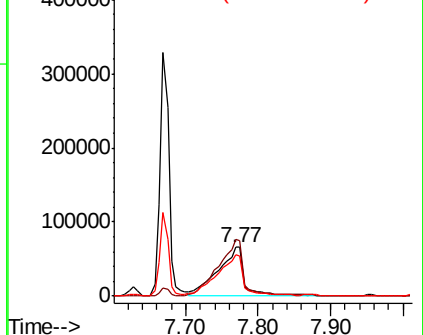


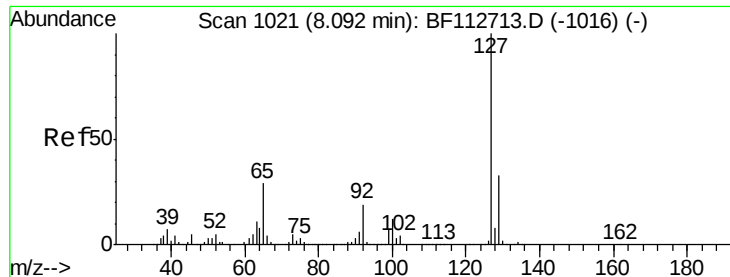
#32
Benzoic acid
Concen: 31.846 ng
RT: 7.77 min Scan# 966
Delta R.T. -0.02 min
Lab File: BF112961.D
Acq: 11 Mar 2019 18:15

Tgt Ion:122 Resp: 166394
Ion Ratio Lower Upper
122 100
105 115.9 106.8 146.8
77 85.4 79.4 119.4



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

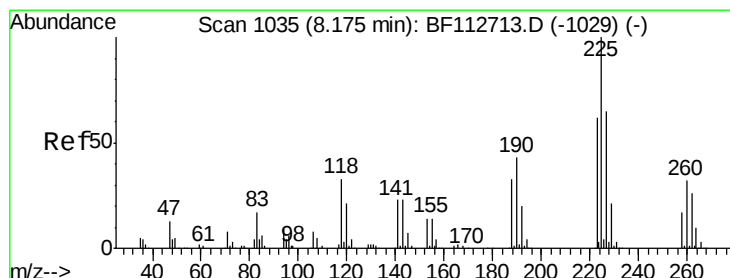
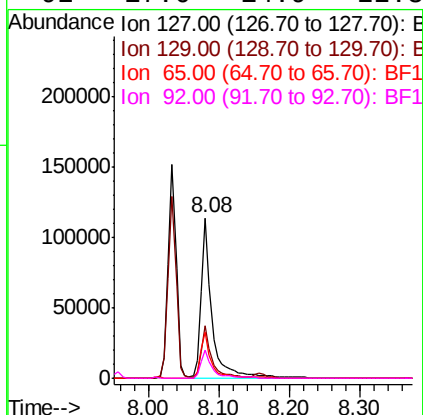
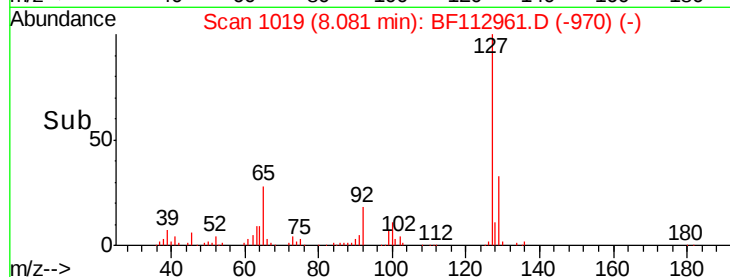
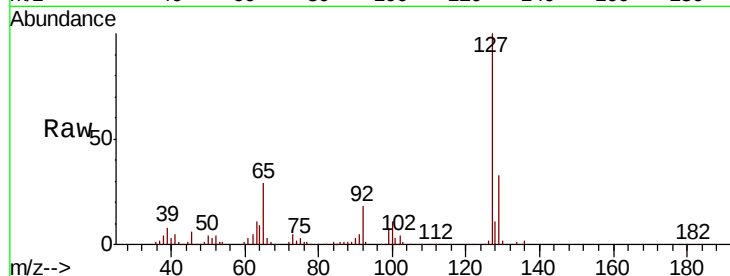




#33
4-Chloroaniline
Concen: 11.749 ng
RT: 8.08 min Scan# 1019
Delta R.T. -0.01 min
Lab File: BF112961.D
Acq: 11 Mar 2019 18:15

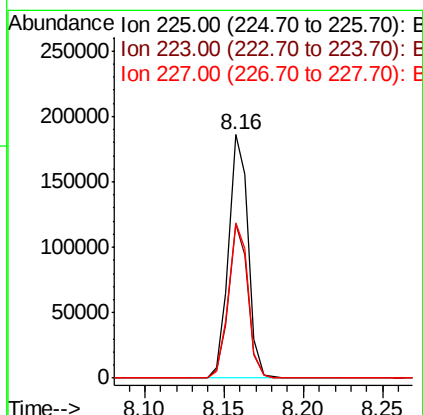
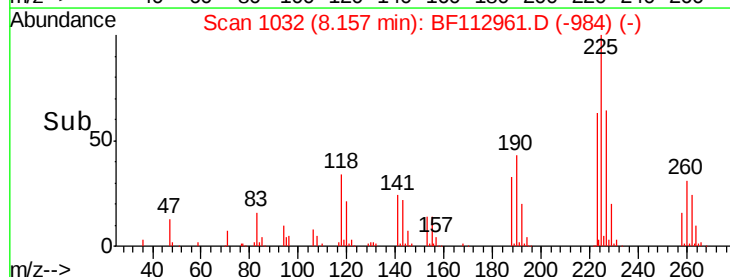
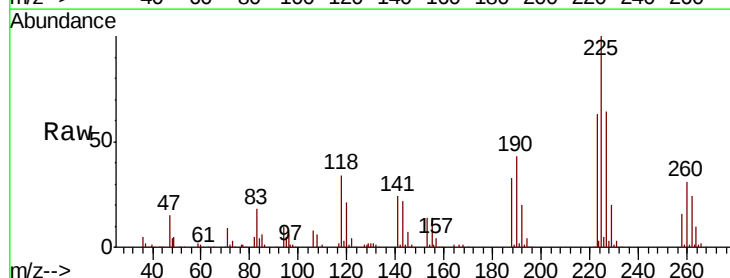
Instrument :
BNA_F
ClientSampleId :
SD2-0.0-0.5MS

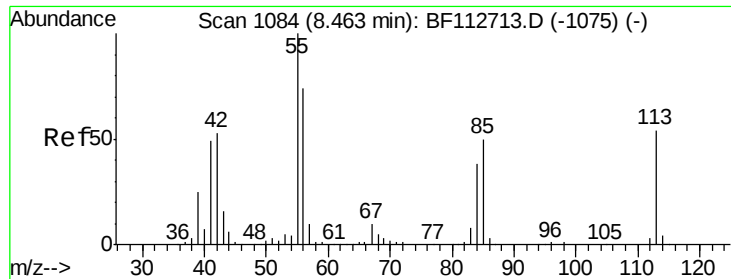
Tgt Ion:	127	Resp:	127860
Ion	Ratio	Lower	Upper
127	100		
129	32.8	26.4	39.6
65	28.9	23.1	34.7
92	17.6	14.9	22.3



#34
Hexachlorobutadiene
Concen: 36.436 ng
RT: 8.16 min Scan# 1032
Delta R.T. -0.02 min
Lab File: BF112961.D
Acq: 11 Mar 2019 18:15

Tgt Ion:	225	Resp:	159616
Ion	Ratio	Lower	Upper
225	100		
223	63.0	49.7	74.5
227	63.7	52.1	78.1

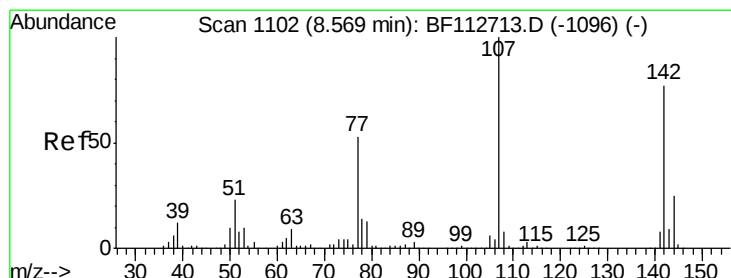
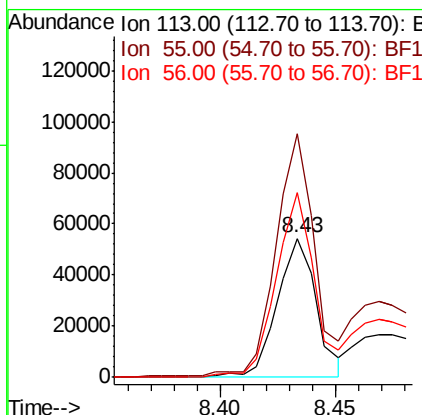
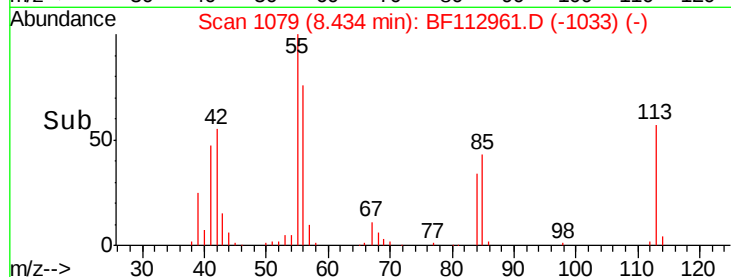
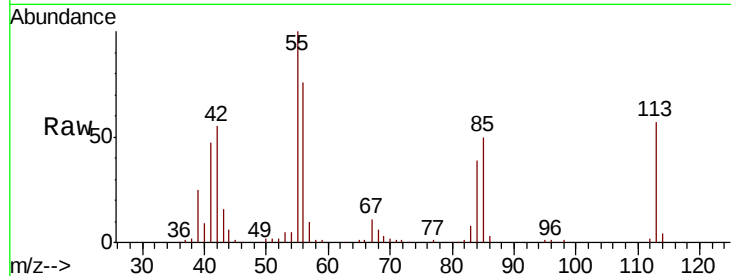




#35
 Caprolactam
 Concen: 24.877 ng
 RT: 8.43 min Scan# 1079
 Delta R.T. -0.03 min
 Lab File: BF112961.D
 Acq: 11 Mar 2019 18:15

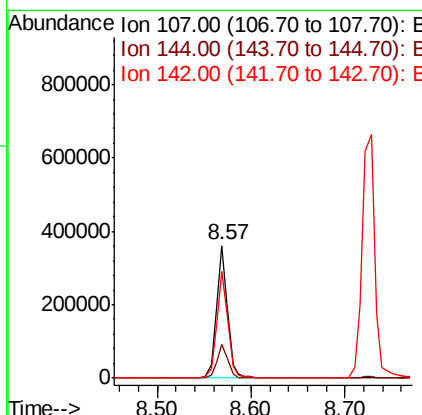
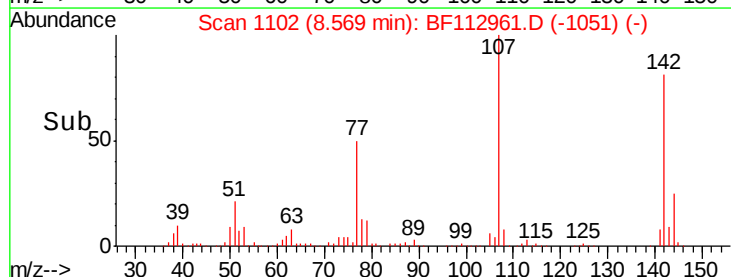
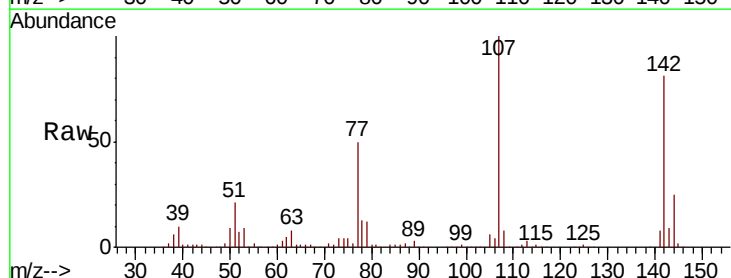
Instrument :
 BNA_F
 ClientSampleId :
 SD2-0.0-0.5MS

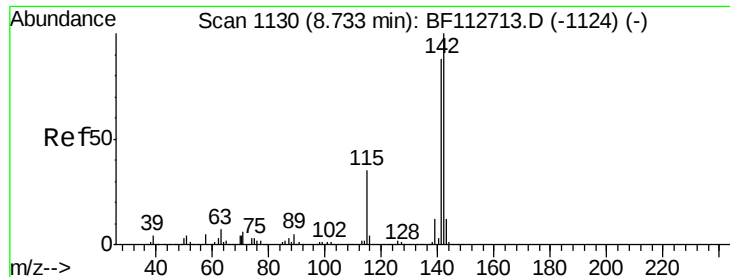
Tgt Ion:113 Resp: 63340
 Ion Ratio Lower Upper
 113 100
 55 175.0 163.5 203.5
 56 132.5 115.3 155.3



#36
 4-Chloro-3-methylphenol
 Concen: 38.220 ng
 RT: 8.57 min Scan# 1102
 Delta R.T. 0.00 min
 Lab File: BF112961.D
 Acq: 11 Mar 2019 18:15

Tgt Ion:107 Resp: 305779
 Ion Ratio Lower Upper
 107 100
 144 25.5 20.1 30.1
 142 81.0 61.9 92.9

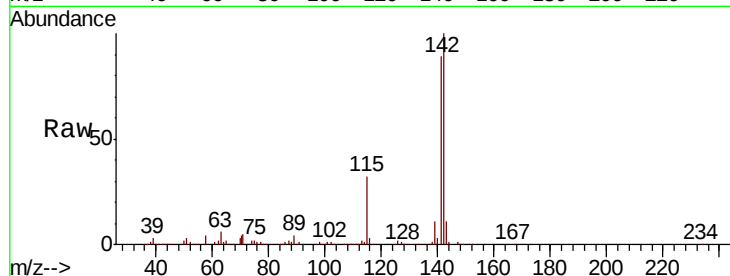




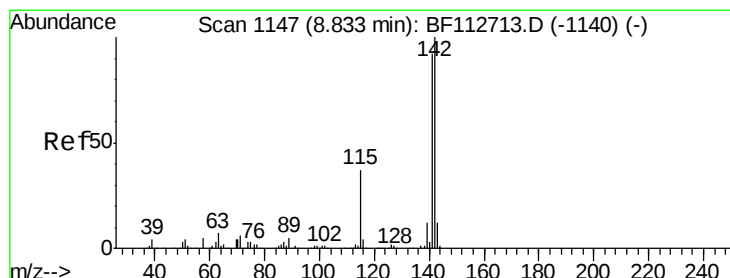
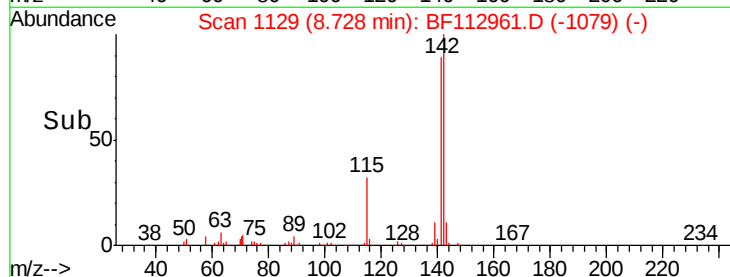
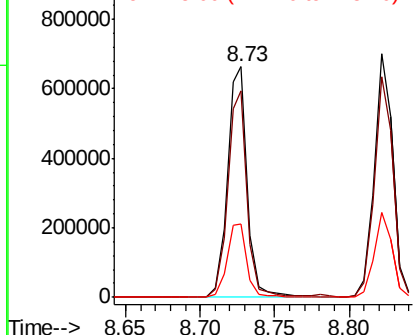
#37
2-Methylnaphthalene
Concen: 37.653 ng
RT: 8.73 min Scan# 1129
Delta R.T. -0.01 min
Lab File: BF112961.D
Acq: 11 Mar 2019 18:15

Instrument :
BNA_F
ClientSampleId :
SD2-0.0-0.5MS

Tgt Ion:142 Resp: 624753
Ion Ratio Lower Upper
142 100
141 89.4 70.3 105.5
115 31.8 27.8 41.6

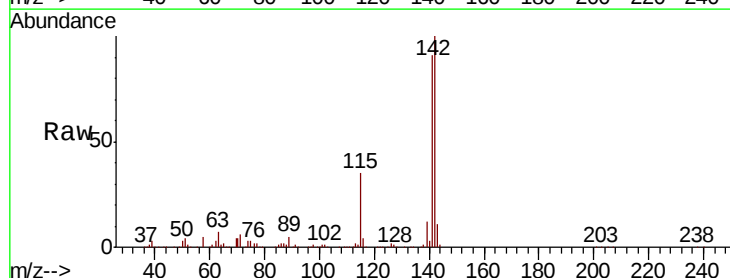


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

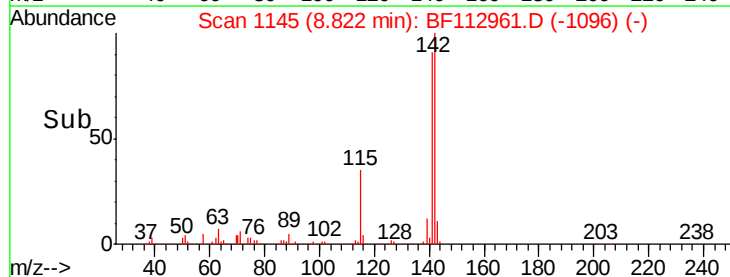
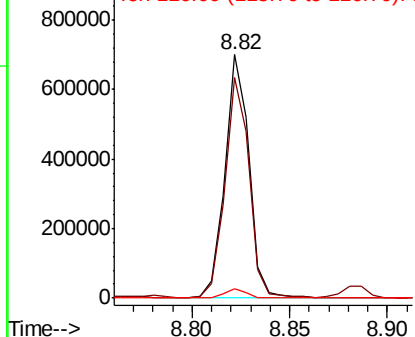


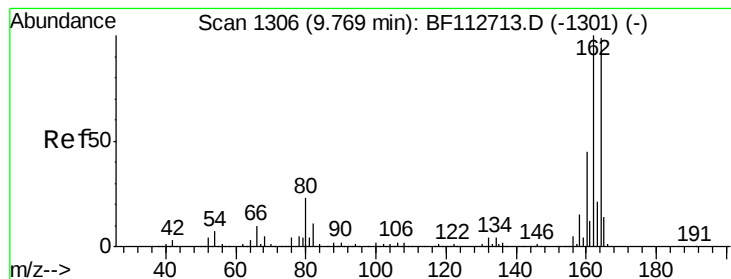
#38
1-Methylnaphthalene
Concen: 36.853 ng
RT: 8.82 min Scan# 1145
Delta R.T. -0.01 min
Lab File: BF112961.D
Acq: 11 Mar 2019 18:15

Tgt Ion:142 Resp: 592337
Ion Ratio Lower Upper
142 100
141 90.7 73.7 110.5
116 3.7 3.1 4.7



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: 9.76 min Scan# 1305

Delta R.T. -0.01 min

Lab File: BF112961.D

Acq: 11 Mar 2019 18:15

Instrument :

BNA_F

ClientSampleId :

SD2-0.0-0.5MS

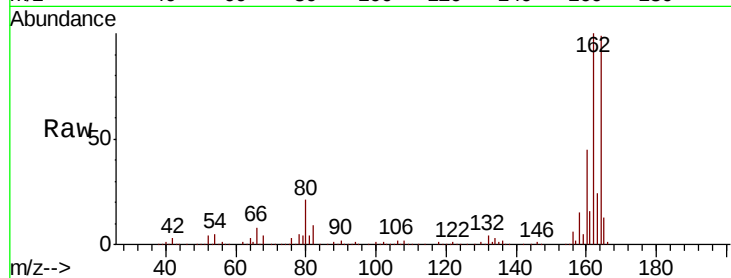
Tgt Ion:164 Resp: 291911

Ion Ratio Lower Upper

164 100

162 101.1 80.6 120.8

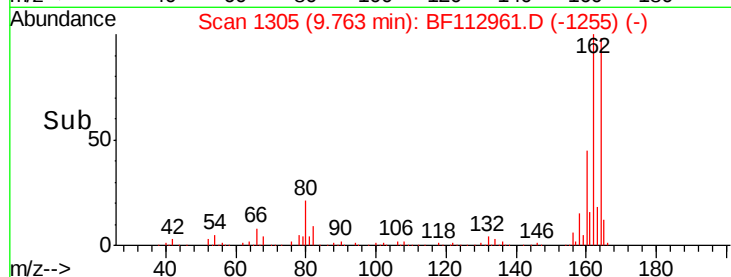
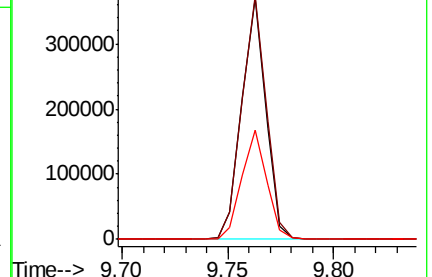
160 45.2 36.0 54.0



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: 32.842 ng

RT: 8.89 min Scan# 1157

Delta R.T. -0.01 min

Lab File: BF112961.D

Acq: 11 Mar 2019 18:15

Tgt Ion:216 Resp: 279561

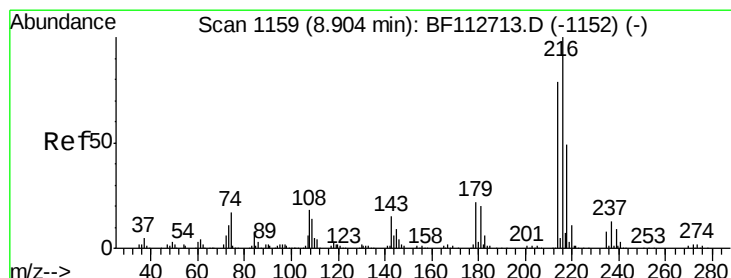
Ion Ratio Lower Upper

216 100

214 79.1 63.2 94.8

179 20.5 17.5 26.3

108 19.5 16.7 25.1

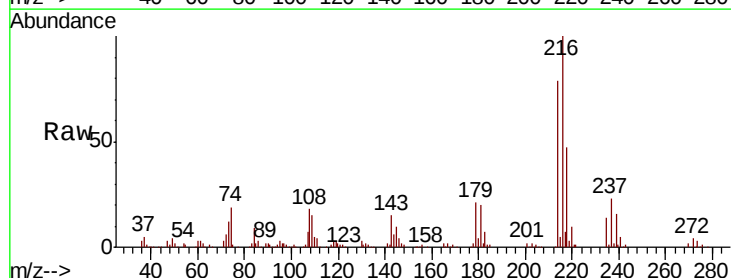
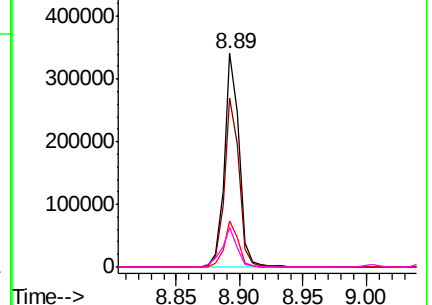


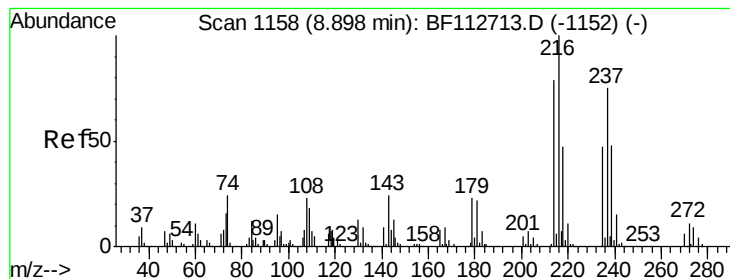
Abundance Ion 216.00 (215.70 to 216.70): E

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: 56.550 ng

RT: 8.89 min Scan# 1156

Delta R.T. -0.01 min

Lab File: BF112961.D

Acq: 11 Mar 2019 18:15

Instrument :

BNA_F

ClientSampleId :

SD2-0.0-0.5MS

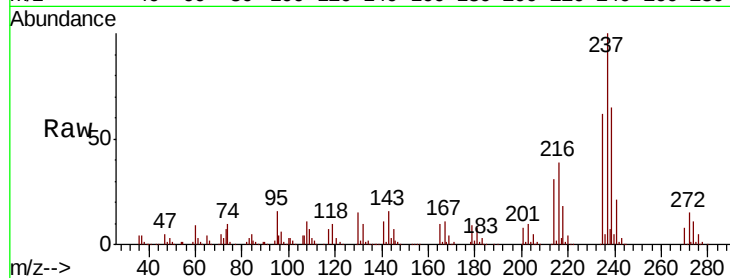
Tgt Ion: 237 Resp: 263601

Ion Ratio Lower Upper

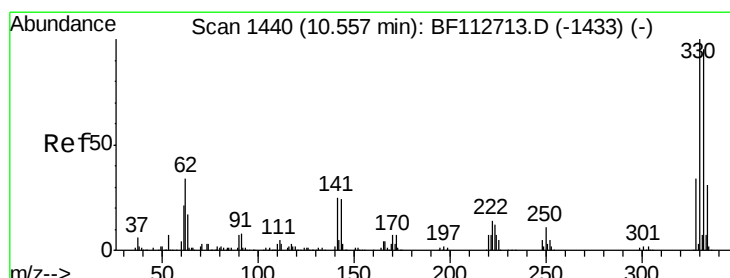
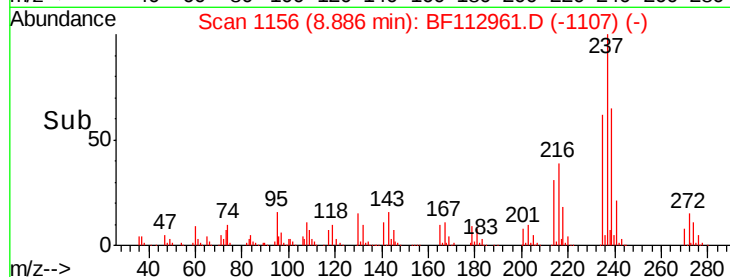
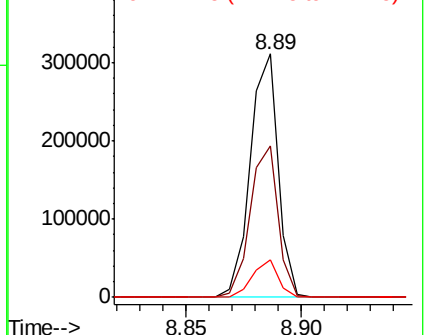
237 100

235 62.2 42.2 82.2

272 15.2 0.0 34.0



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: 139.600 ng

RT: 10.55 min Scan# 1439

Delta R.T. -0.01 min

Lab File: BF112961.D

Acq: 11 Mar 2019 18:15

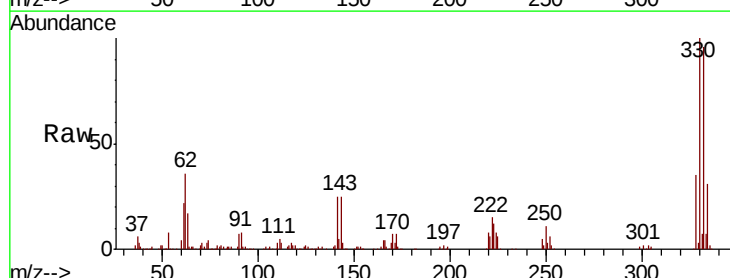
Tgt Ion: 330 Resp: 432619

Ion Ratio Lower Upper

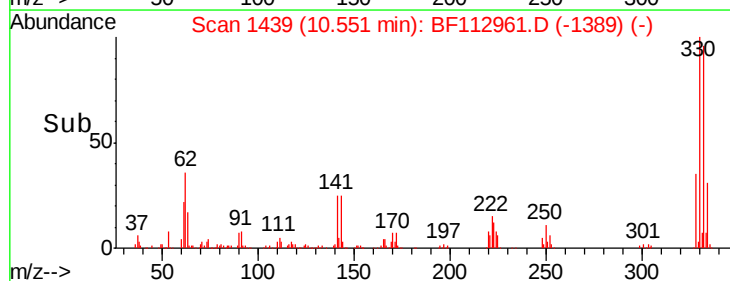
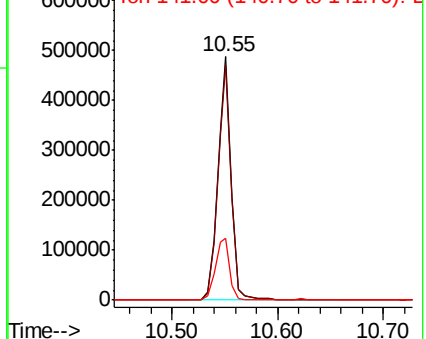
330 100

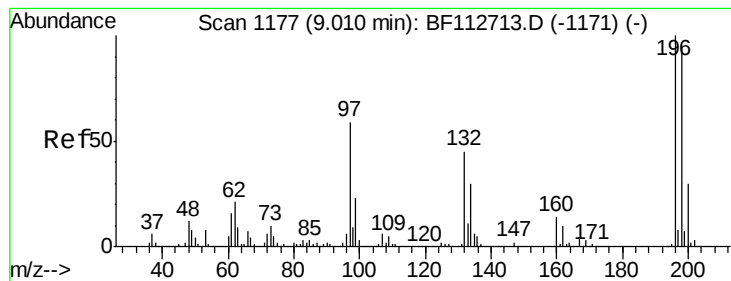
332 97.0 76.2 114.4

141 27.9 27.0 40.6



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

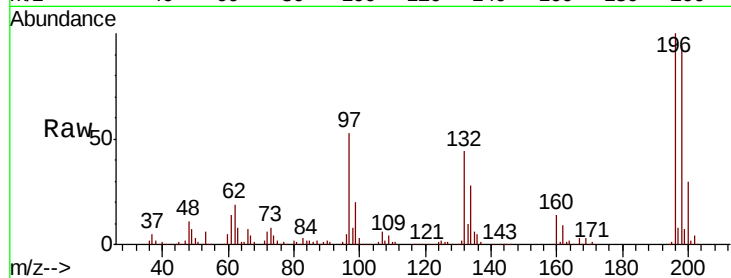




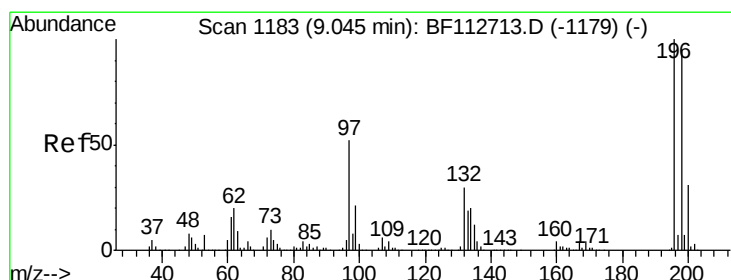
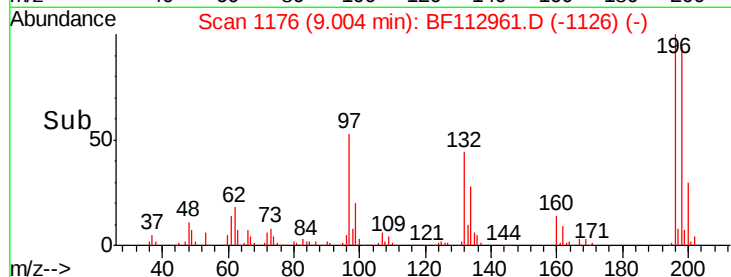
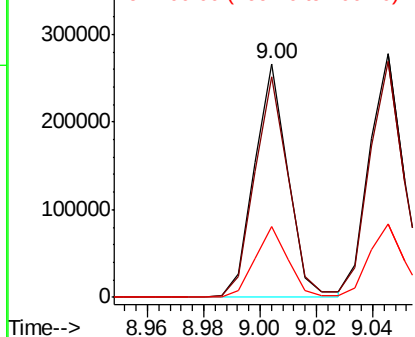
#43
 2,4,6-Trichlorophenol
 Concen: 37.628 ng
 RT: 9.00 min Scan# 1176
 Delta R.T. -0.01 min
 Lab File: BF112961.D
 Acq: 11 Mar 2019 18:15

Instrument :
 BNA_F
 ClientSampleId :
 SD2-0.0-0.5MS

Tgt Ion	Ratio	Lower	Upper
196	100		
198	94.4	75.8	113.8
200	30.1	24.3	36.5



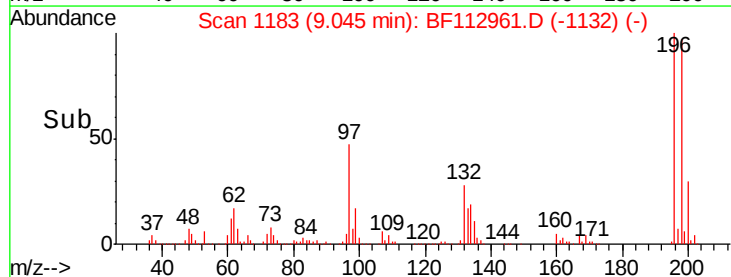
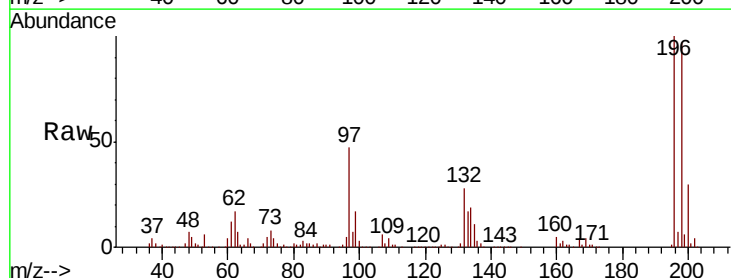
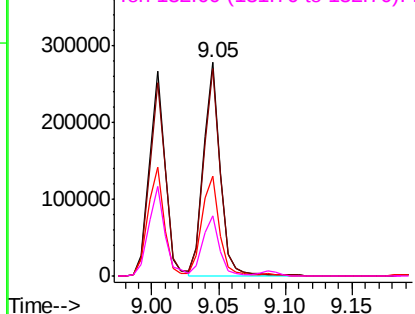
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

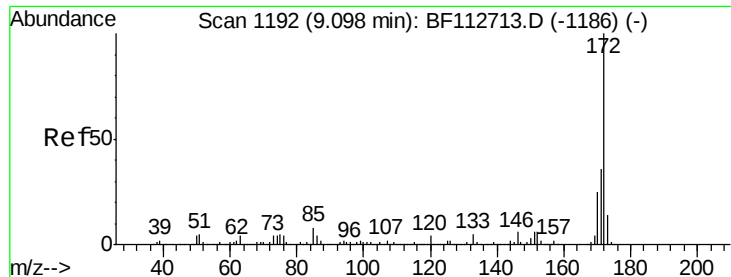


#44
 2,4,5-Trichlorophenol
 Concen: 38.158 ng
 RT: 9.05 min Scan# 1183
 Delta R.T. 0.00 min
 Lab File: BF112961.D
 Acq: 11 Mar 2019 18:15

Tgt Ion	Ratio	Lower	Upper
196	100		
198	96.8	76.2	114.2
97	46.7	41.5	62.3
132	28.4	23.9	35.9

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

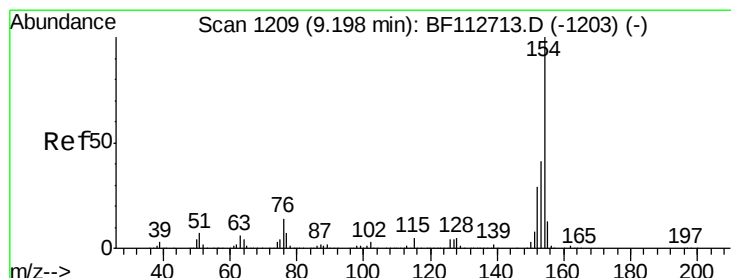
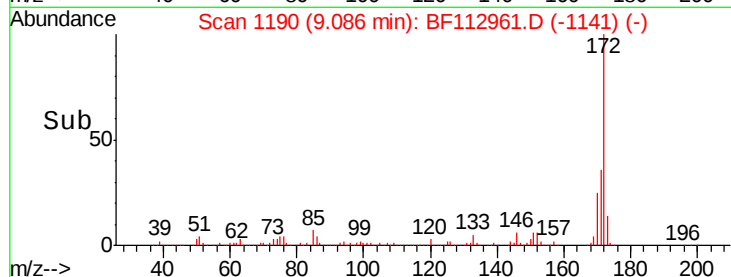
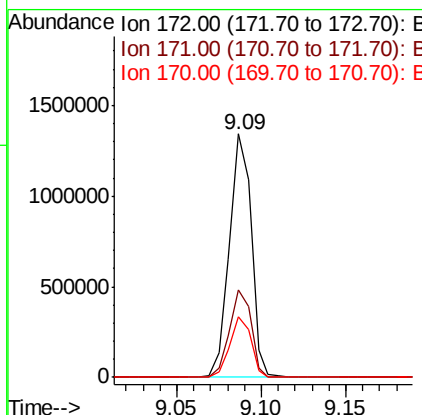
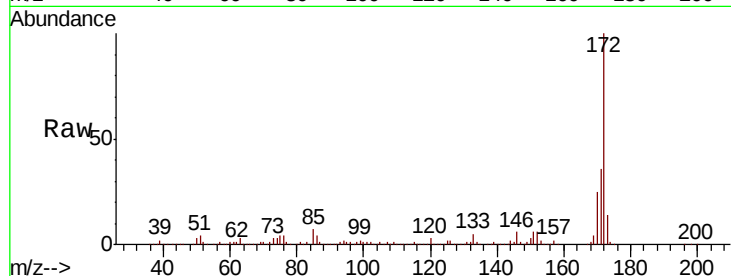




#45
2-Fluorobiphenyl
Concen: 64.503 ng
RT: 9.09 min Scan# 1190
Delta R.T. -0.01 min
Lab File: BF112961.D
Acq: 11 Mar 2019 18:15

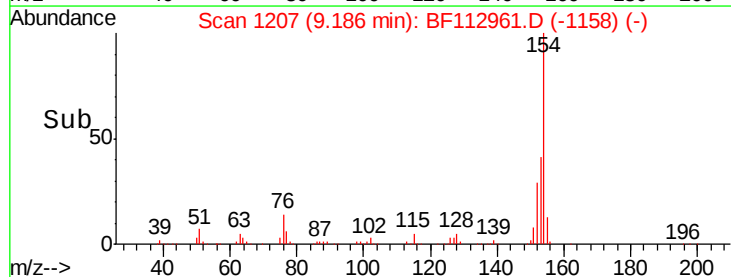
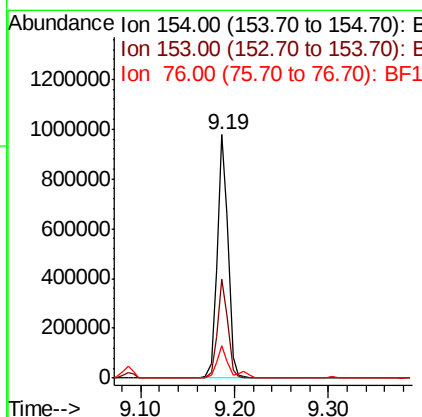
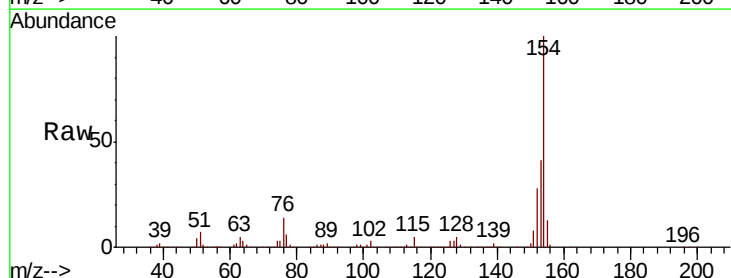
Instrument :
BNA_F
ClientSampleId :
SD2-0.0-0.5MS

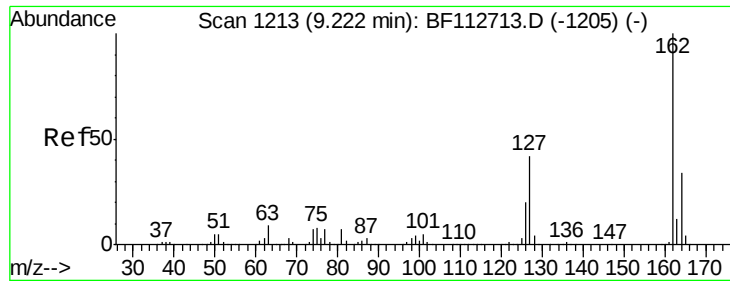
Tgt Ion:172 Resp: 1211053
Ion Ratio Lower Upper
172 100
171 35.8 29.0 43.4
170 24.7 20.0 30.0



#46
1,1'-Biphenyl
Concen: 33.287 ng
RT: 9.19 min Scan# 1207
Delta R.T. -0.01 min
Lab File: BF112961.D
Acq: 11 Mar 2019 18:15

Tgt Ion:154 Resp: 792558
Ion Ratio Lower Upper
154 100
153 40.6 20.8 60.8
76 13.5 0.0 33.8

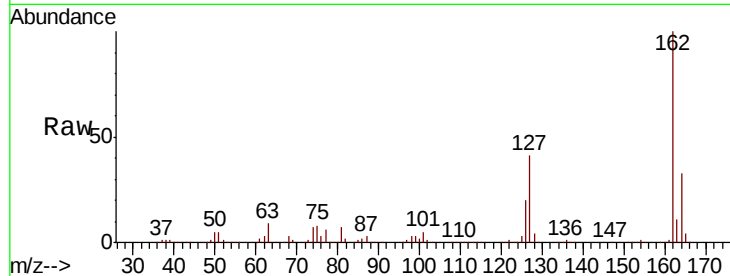




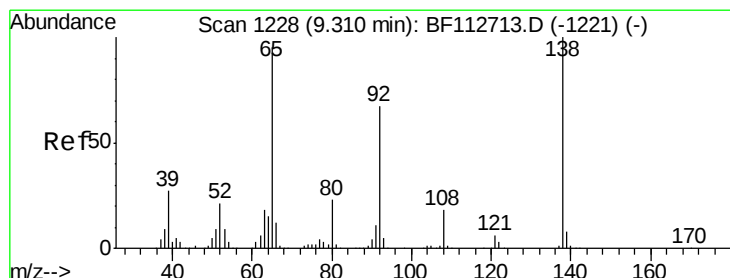
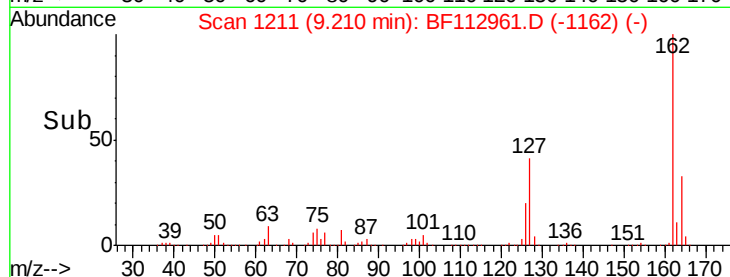
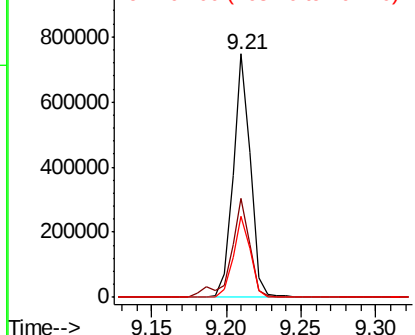
#47
2-Chloronaphthalene
Concen: 32.897 ng
RT: 9.21 min Scan# 1211
Delta R.T. -0.01 min
Lab File: BF112961.D
Acq: 11 Mar 2019 18:15

Instrument :
BNA_F
ClientSampleId :
SD2-0.0-0.5MS

Tgt Ion: 162 Resp: 611604
Ion Ratio Lower Upper
162 100
127 40.8 33.4 50.2
164 33.3 26.9 40.3

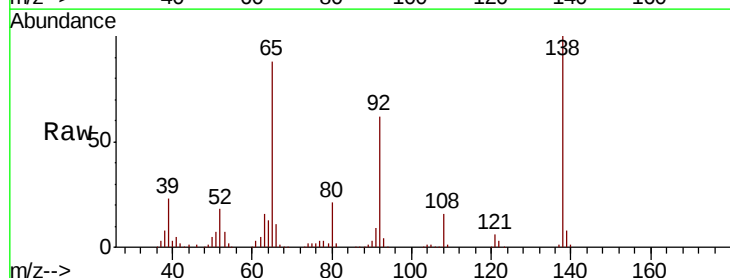


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

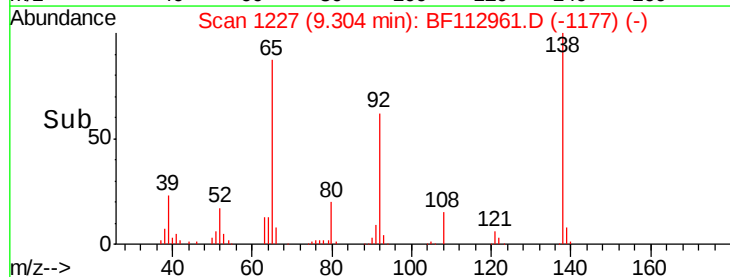
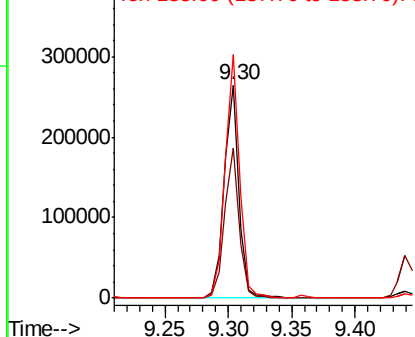


#48
2-Nitroaniline
Concen: 38.049 ng
RT: 9.30 min Scan# 1227
Delta R.T. -0.01 min
Lab File: BF112961.D
Acq: 11 Mar 2019 18:15

Tgt Ion: 65 Resp: 215014
Ion Ratio Lower Upper
65 100
92 70.6 56.4 84.6
138 114.1 84.6 126.8



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: 33.593 ng

RT: 9.62 min Scan# 1281

Delta R.T. -0.01 min

Lab File: BF112961.D

Acq: 11 Mar 2019 18:15

Instrument :

BNA_F

ClientSampleId :

SD2-0.0-0.5MS

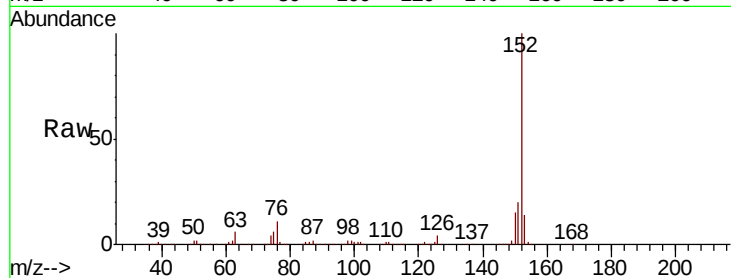
Tgt Ion:152 Resp: 1060283

Ion Ratio Lower Upper

152 100

151 20.4 16.9 25.3

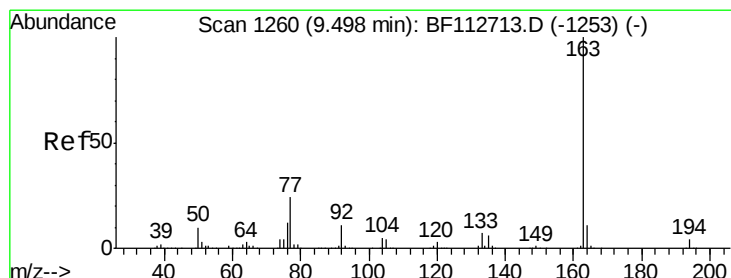
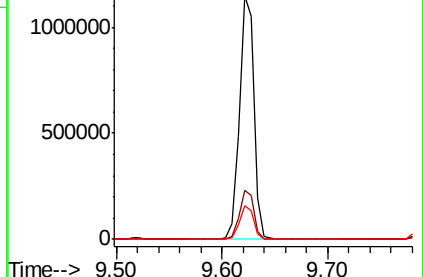
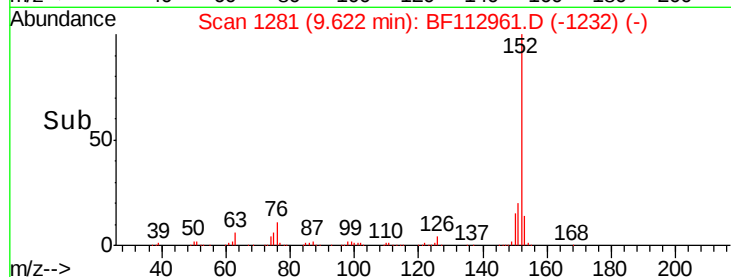
153 13.7 11.0 16.6



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 39.485 ng

RT: 9.49 min Scan# 1258

Delta R.T. -0.01 min

Lab File: BF112961.D

Acq: 11 Mar 2019 18:15

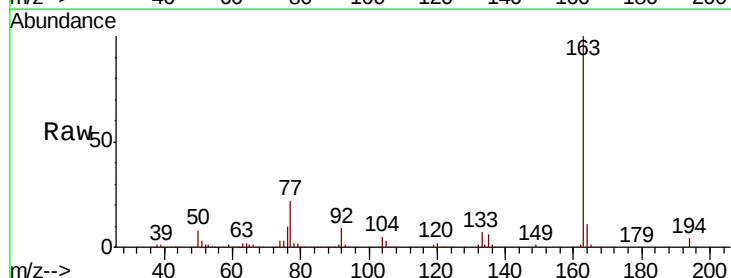
Tgt Ion:163 Resp: 849875

Ion Ratio Lower Upper

163 100

194 3.8 3.0 4.4

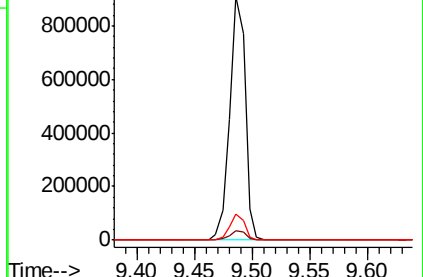
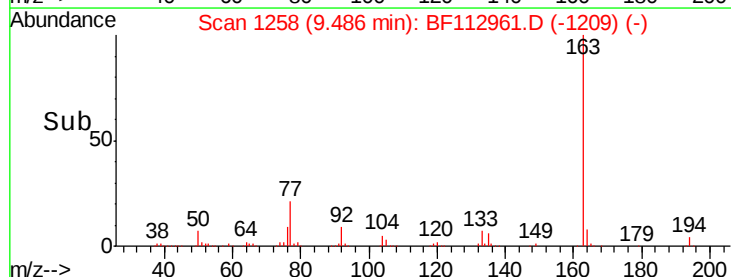
164 10.8 8.4 12.6

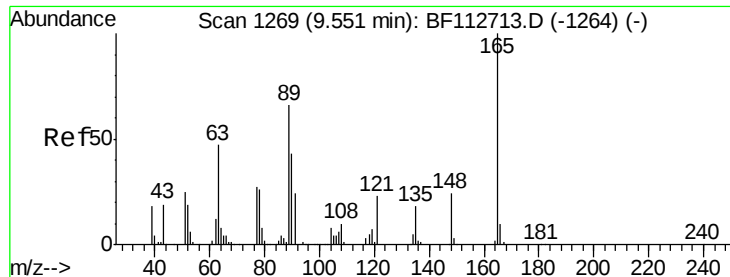


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

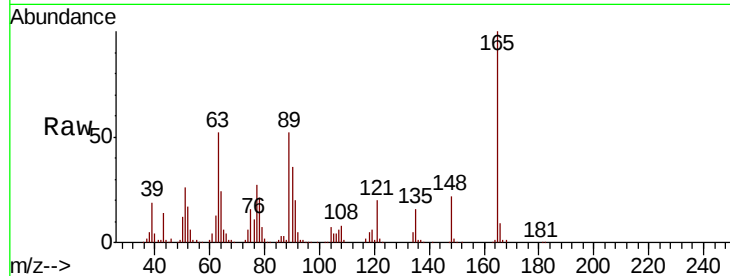




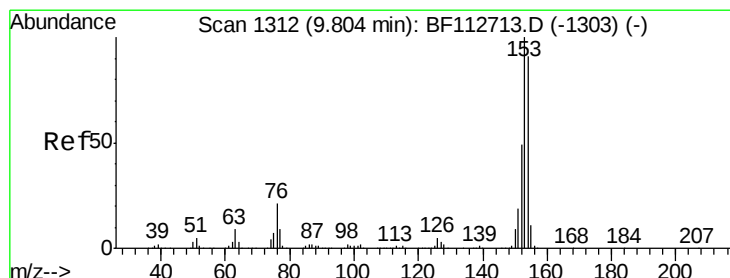
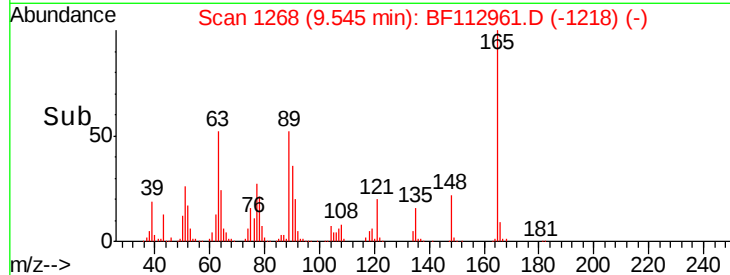
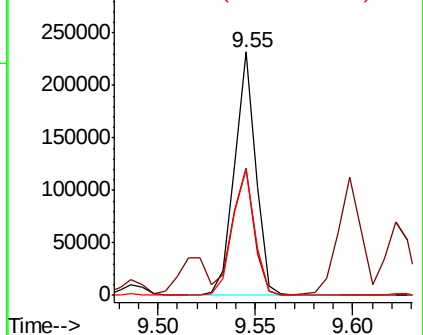
#51
2,6-Dinitrotoluene
Concen: 39.203 ng
RT: 9.55 min Scan# 1268
Delta R.T. -0.01 min
Lab File: BF112961.D
Acq: 11 Mar 2019 18:15

Instrument :
BNA_F
ClientSampleId :
SD2-0.0-0.5MS

Tgt Ion:165 Resp: 175715
Ion Ratio Lower Upper
165 100
63 52.3 54.1 81.1#
89 51.6 52.8 79.2#

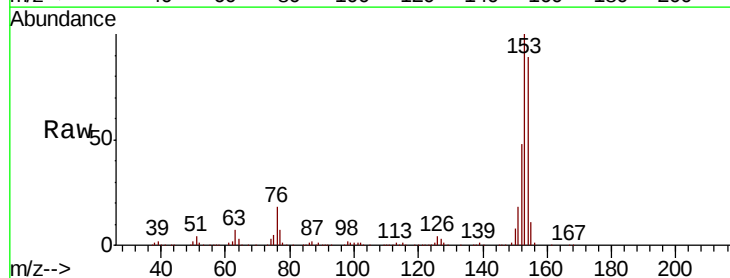


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1

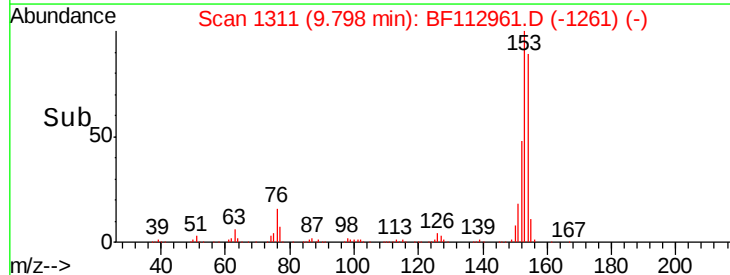
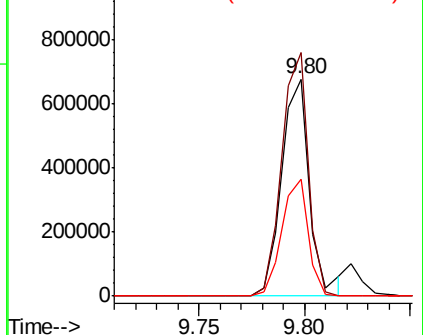


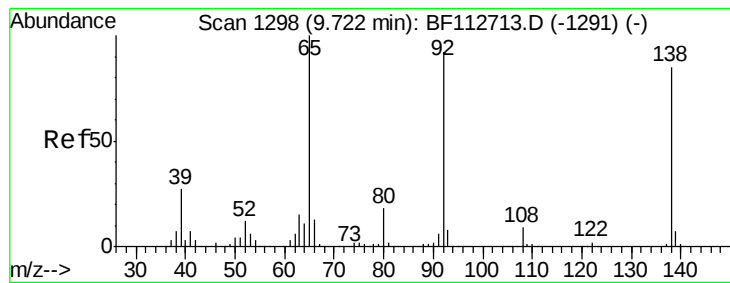
#52
Acenaphthene
Concen: 33.937 ng
RT: 9.80 min Scan# 1311
Delta R.T. -0.01 min
Lab File: BF112961.D
Acq: 11 Mar 2019 18:15

Tgt Ion:154 Resp: 626384
Ion Ratio Lower Upper
154 100
153 112.3 87.8 131.8
152 53.9 43.0 64.6



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: 26.094 ng

RT: 9.71 min Scan# 1296

Delta R.T. -0.01 min

Lab File: BF112961.D

Acq: 11 Mar 2019 18:15

Instrument :

BNA_F

ClientSampleId :

SD2-0.0-0.5MS

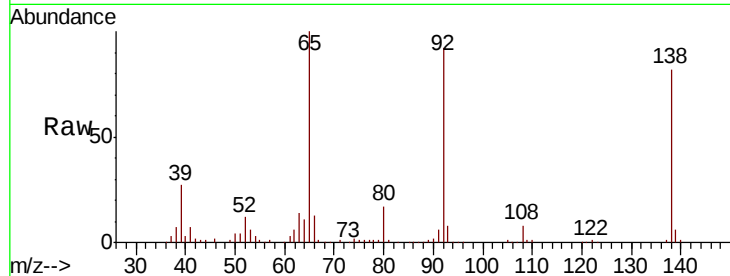
Tgt Ion:138 Resp: 142516

Ion Ratio Lower Upper

138 100

108 9.7 8.6 13.0

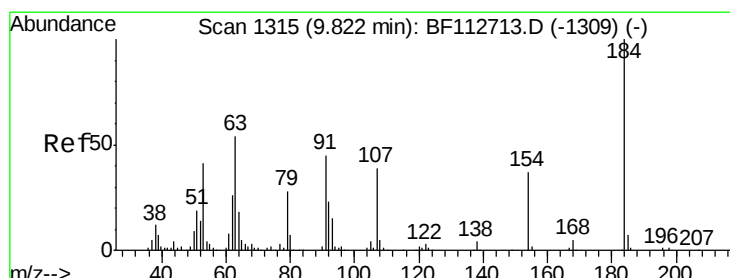
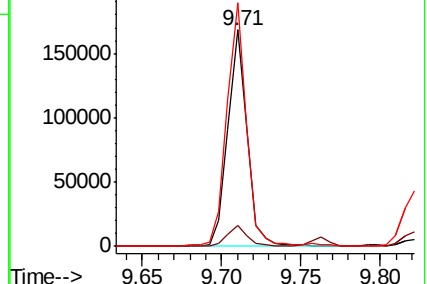
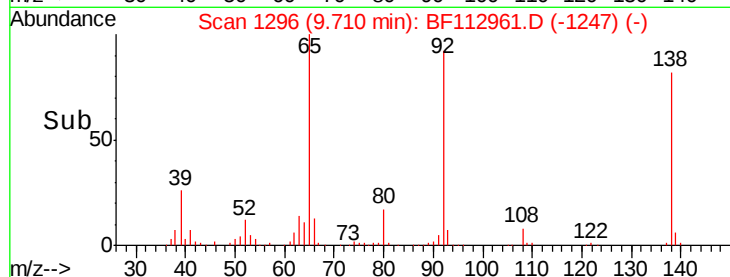
92 112.5 86.6 129.8



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: 82.902 ng

RT: 9.82 min Scan# 1315

Delta R.T. 0.00 min

Lab File: BF112961.D

Acq: 11 Mar 2019 18:15

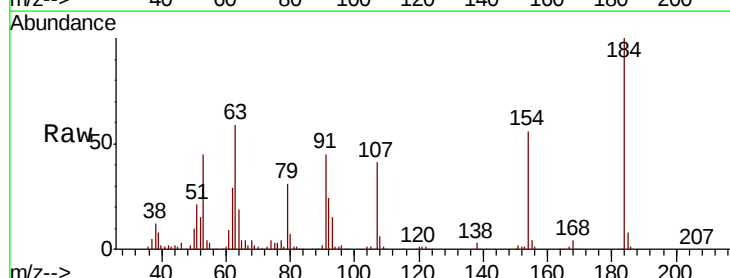
Tgt Ion:184 Resp: 152460

Ion Ratio Lower Upper

184 100

63 58.9 45.3 67.9

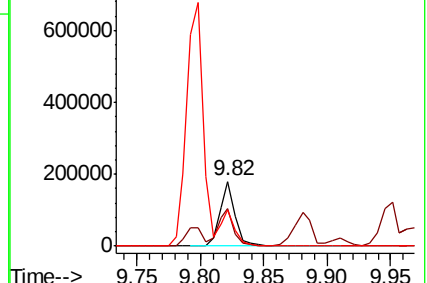
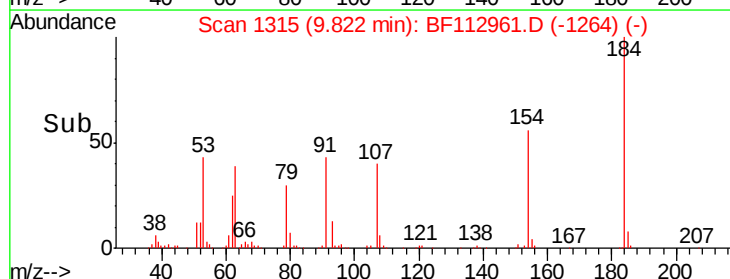
154 56.1 46.0 69.0

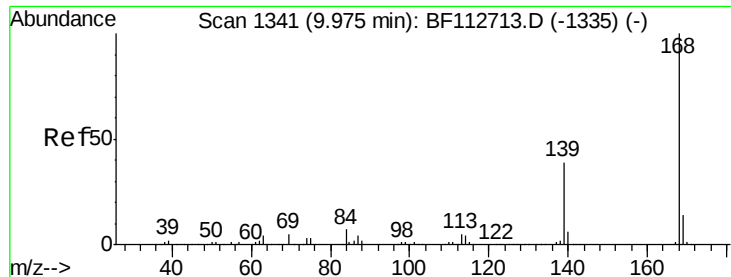


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E





#55

Dibenzofuran

Concen: 35.772 ng

RT: 9.97 min Scan# 1340

Delta R.T. -0.01 min

Lab File: BF112961.D

Acq: 11 Mar 2019 18:15

Instrument :

BNA_F

ClientSampleId :

SD2-0.0-0.5MS

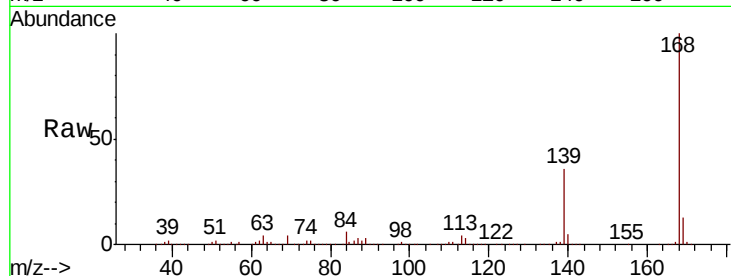
Tgt Ion:168 Resp: 959617

Ion Ratio Lower Upper

168 100

139 36.3 31.3 46.9

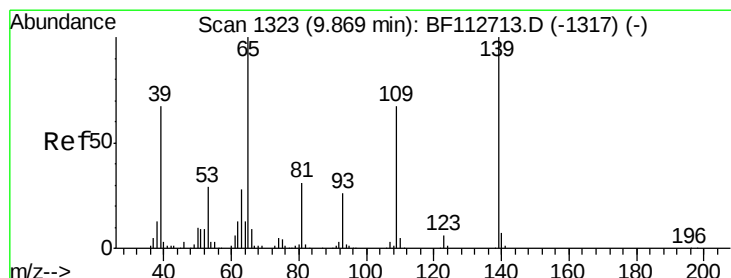
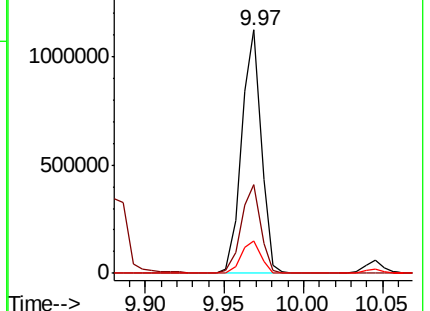
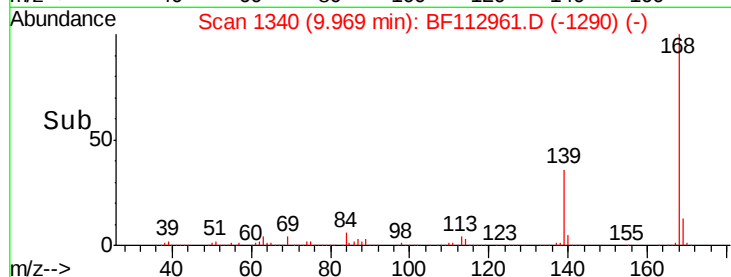
169 13.3 11.3 16.9



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: 84.142 ng

RT: 9.88 min Scan# 1325

Delta R.T. 0.01 min

Lab File: BF112961.D

Acq: 11 Mar 2019 18:15

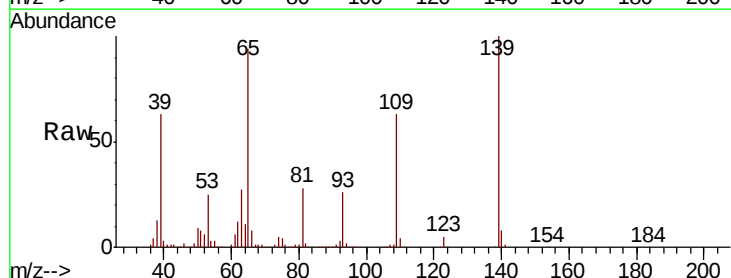
Tgt Ion:139 Resp: 373485

Ion Ratio Lower Upper

139 100

109 62.7 46.8 86.8

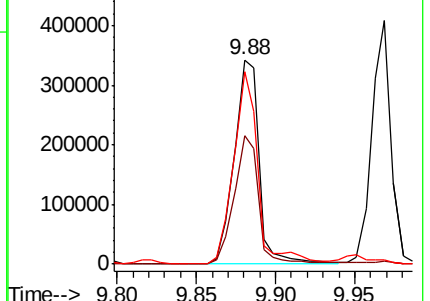
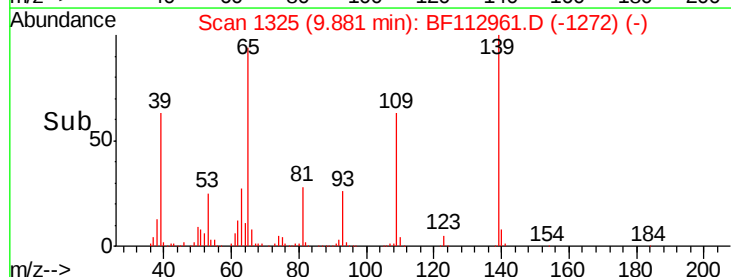
65 94.2 80.7 120.7

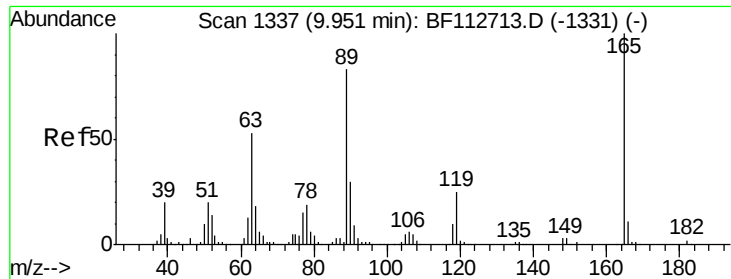


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1

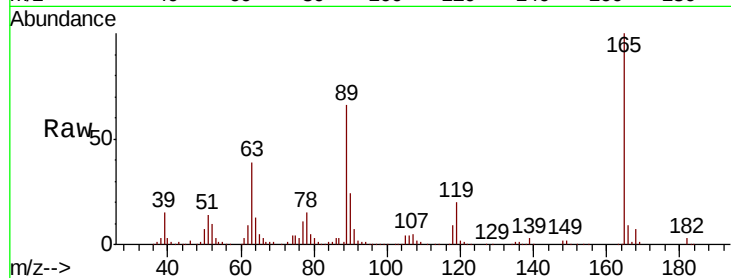




#57
2,4-Dinitrotoluene
Concen: 44.731 ng
RT: 9.95 min Scan# 1337
Delta R.T. 0.00 min
Lab File: BF112961.D
Acq: 11 Mar 2019 18:15

Instrument :
BNA_F
ClientSampleId :
SD2-0.0-0.5MS

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	249217		
63	38.8	42.2	63.2#	
89	66.4	66.2	99.4	
182	2.5	1.8	2.6	



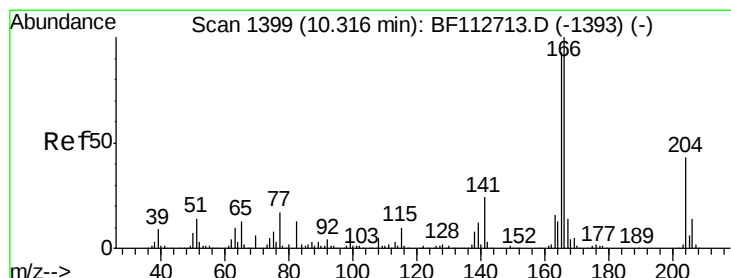
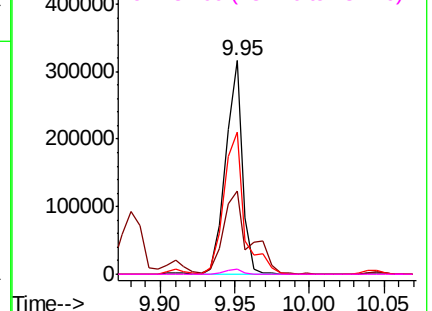
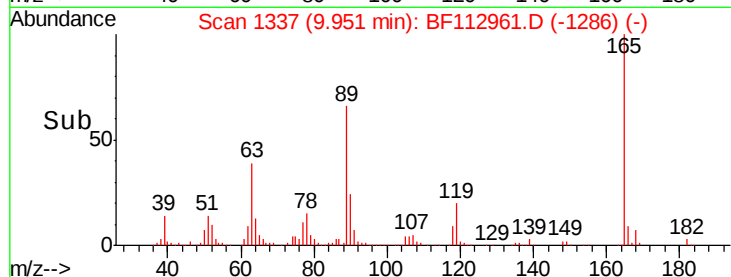
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

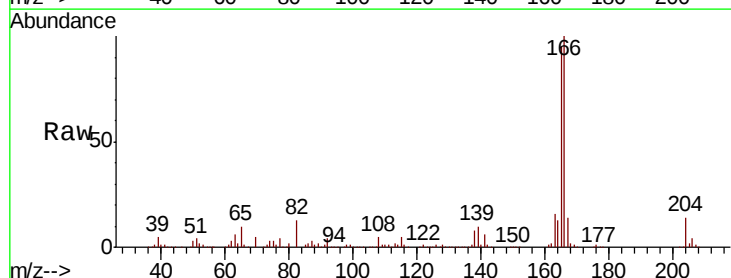
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 37.630 ng
RT: 10.31 min Scan# 1398
Delta R.T. -0.01 min
Lab File: BF112961.D
Acq: 11 Mar 2019 18:15

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	716452		
165	95.1	74.7	112.1	
167	14.1	11.0	16.6	

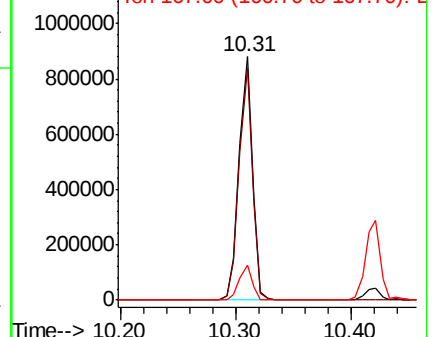
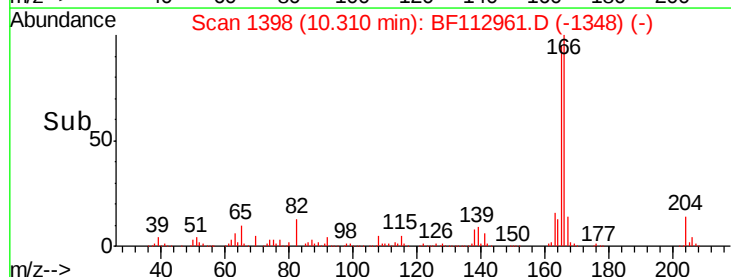


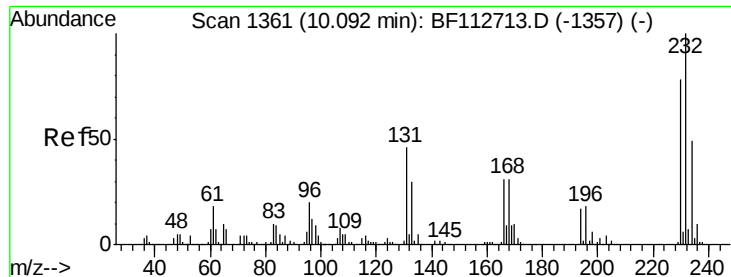
Abundance

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

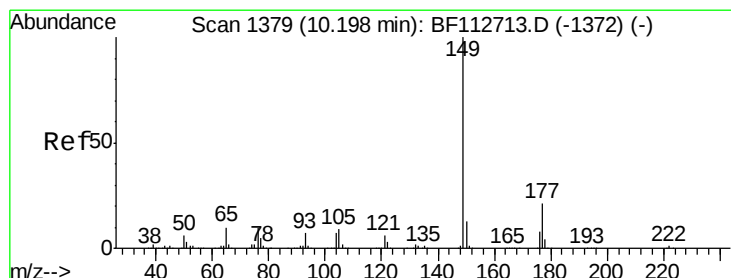
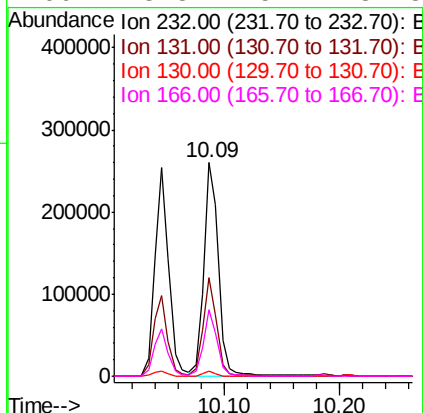
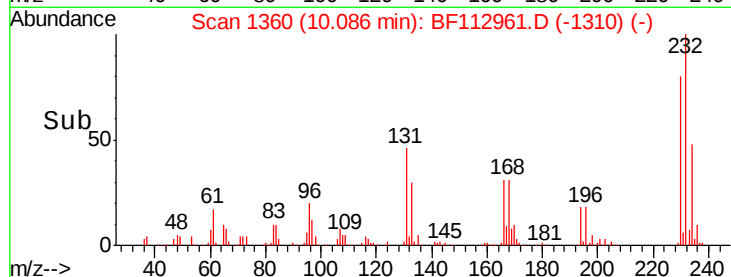
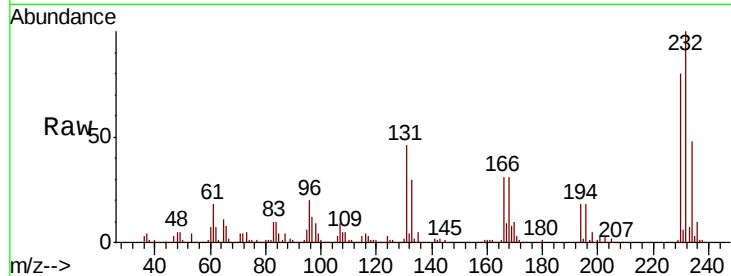




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 43.896 ng
 RT: 10.09 min Scan# 1360
 Delta R.T. -0.01 min
 Lab File: BF112961.D
 Acq: 11 Mar 2019 18:15

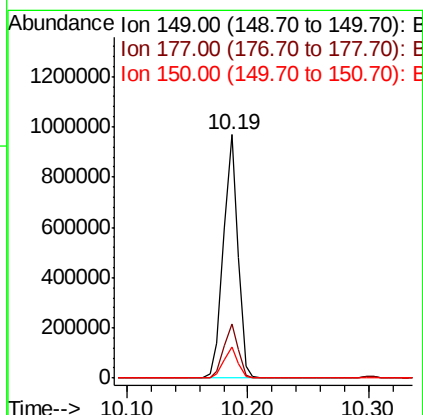
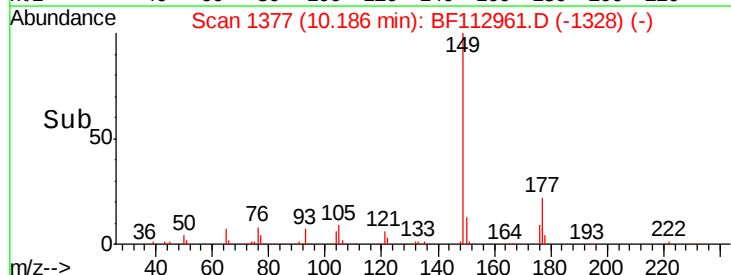
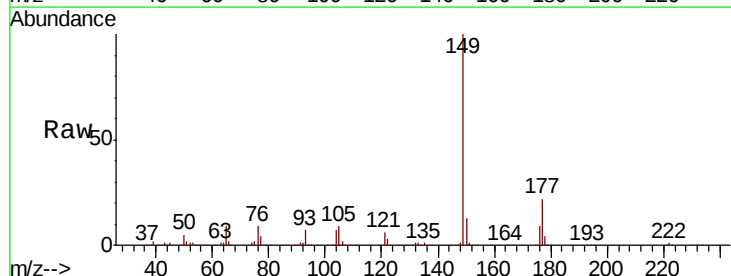
Instrument :
 BNA_F
 ClientSampleId :
 SD2-0.0-0.5MS

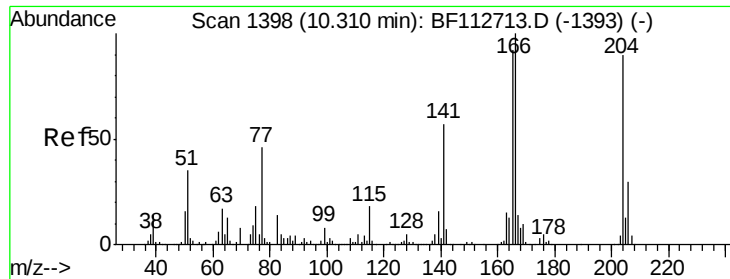
Tgt Ion:	232	Resp:	231585
Ion	Ratio	Lower	Upper
232	100		
131	42.9	38.7	58.1
130	2.1	1.9	2.9
166	28.8	25.2	37.8



#60
 Diethylphthalate
 Concen: 35.257 ng
 RT: 10.19 min Scan# 1377
 Delta R.T. -0.01 min
 Lab File: BF112961.D
 Acq: 11 Mar 2019 18:15

Tgt Ion:	149	Resp:	801496
Ion	Ratio	Lower	Upper
149	100		
177	22.1	17.0	25.6
150	12.6	10.0	15.0

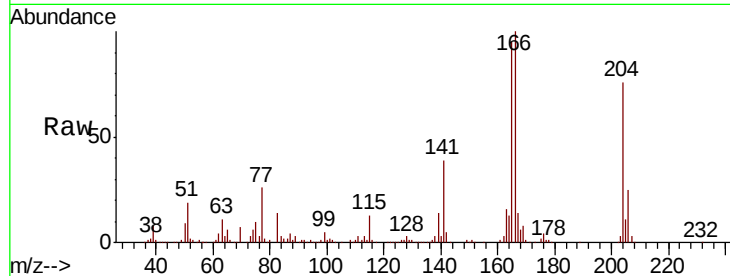




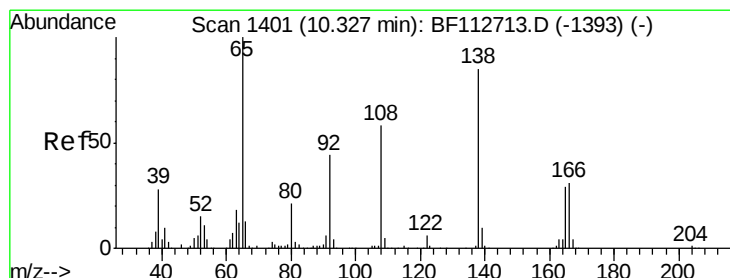
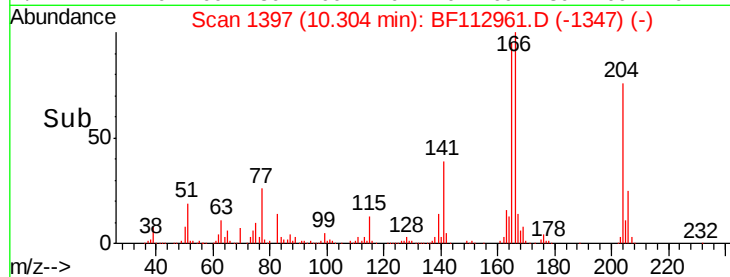
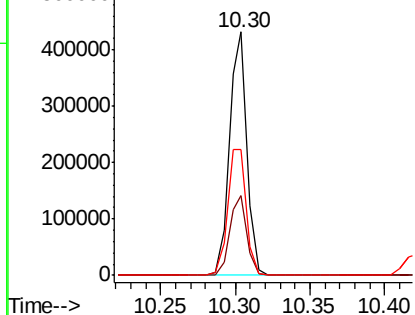
#61
4-Chlorophenyl-phenylether
Concen: 40.321 ng
RT: 10.30 min Scan# 1397
Delta R.T. -0.01 min
Lab File: BF112961.D
Acq: 11 Mar 2019 18:15

Instrument :
BNA_F
ClientSampleId :
SD2-0.0-0.5MS

Tgt Ion:204 Resp: 357182
Ion Ratio Lower Upper
204 100
206 32.6 26.6 40.0
141 51.7 50.8 76.2

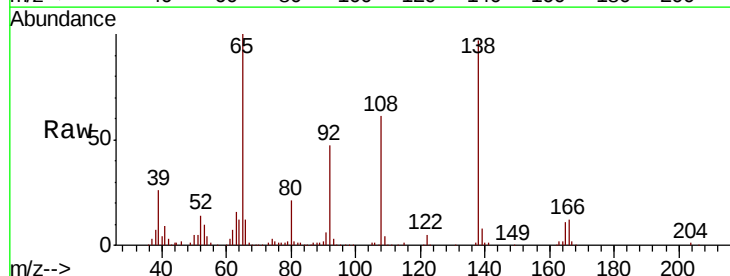


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

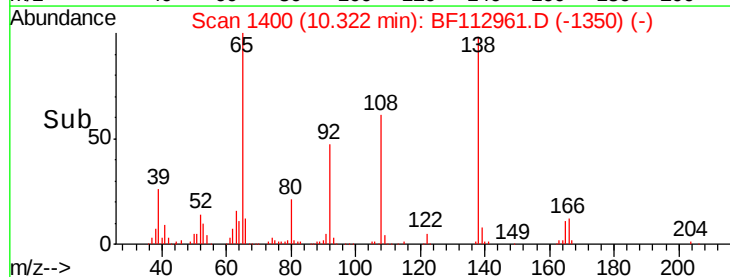
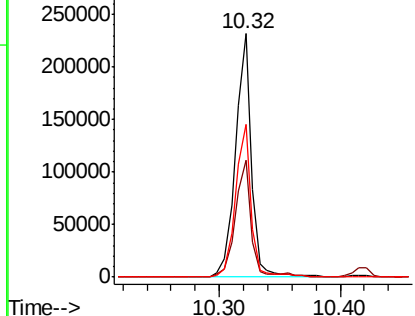


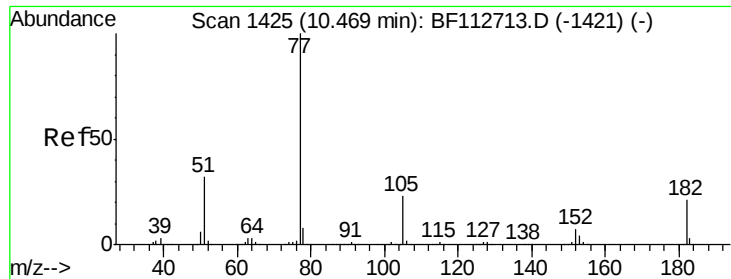
#62
4-Nitroaniline
Concen: 42.624 ng
RT: 10.32 min Scan# 1400
Delta R.T. -0.01 min
Lab File: BF112961.D
Acq: 11 Mar 2019 18:15

Tgt Ion:138 Resp: 215116
Ion Ratio Lower Upper
138 100
92 48.0 31.3 71.3
108 62.9 48.1 88.1



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: 33.135 ng

RT: 10.46 min Scan# 1424

Delta R.T. -0.01 min

Lab File: BF112961.D

Acq: 11 Mar 2019 18:15

Instrument :

BNA_F

ClientSampleId :

SD2-0.0-0.5MS

Tgt Ion: 77 Resp: 771530

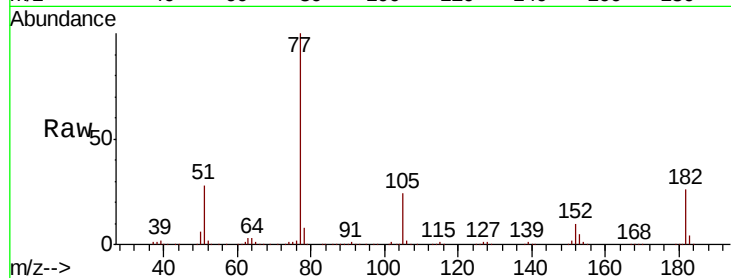
Ion Ratio Lower Upper

77 100

182 26.3 1.4 41.4

105 23.7 2.6 42.6

51 28.3 12.0 52.0

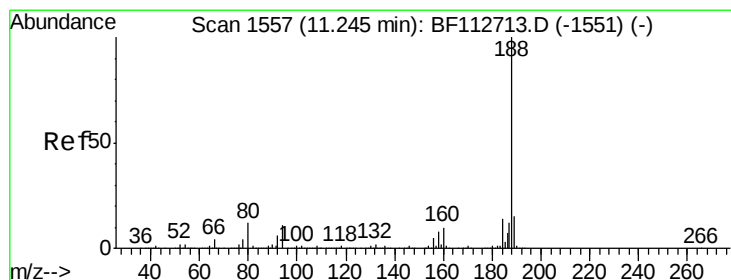
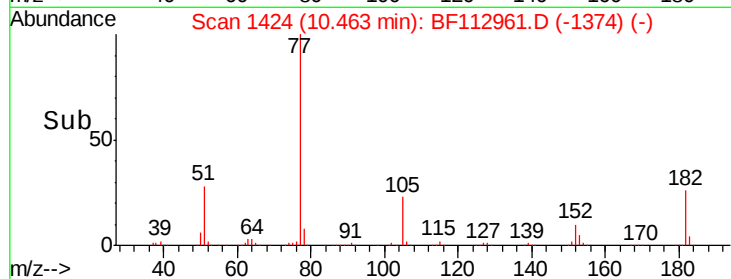
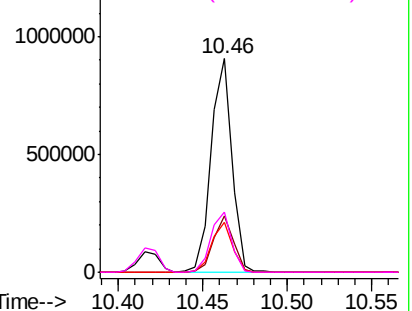


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.24 min Scan# 1556

Delta R.T. -0.01 min

Lab File: BF112961.D

Acq: 11 Mar 2019 18:15

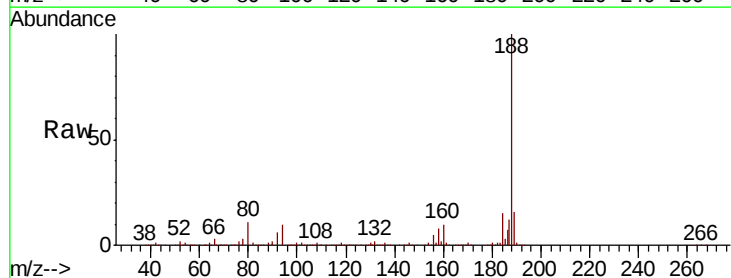
Tgt Ion: 188 Resp: 680949

Ion Ratio Lower Upper

188 100

94 10.5 9.0 13.4

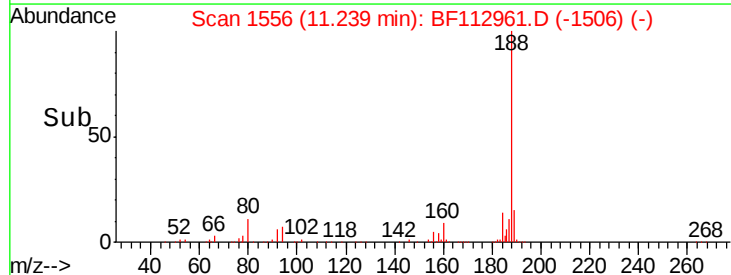
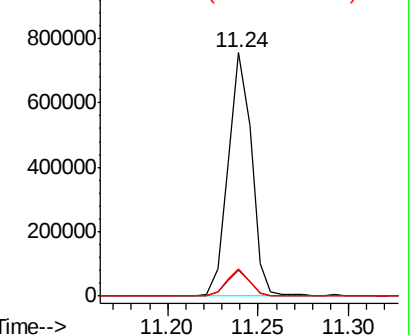
80 11.0 9.2 13.8



Abundance Ion 188.00 (187.70 to 188.70): BF1

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: 39.180 ng

RT: 10.36 min Scan# 1406

Delta R.T. 0.00 min

Lab File: BF112961.D

Acq: 11 Mar 2019 18:15

Instrument :

BNA_F

ClientSampleId :

SD2-0.0-0.5MS

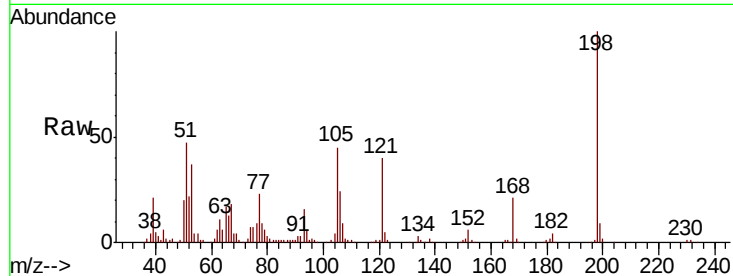
Tgt Ion:198 Resp: 106998

Ion Ratio Lower Upper

198 100

51 46.9 43.8 83.8

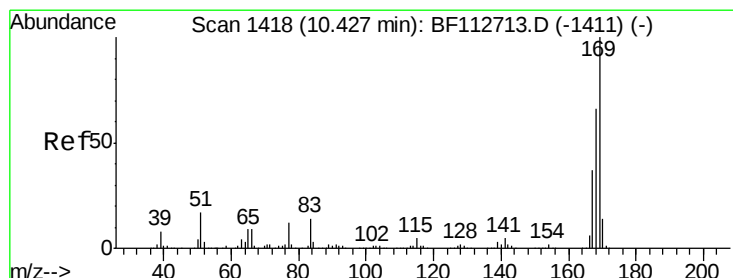
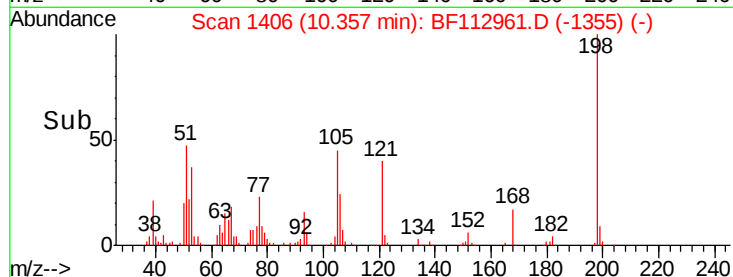
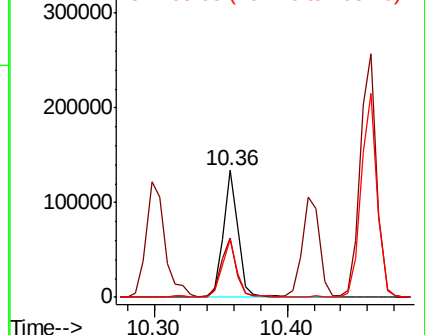
105 45.4 36.5 76.5



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: 31.805 ng

RT: 10.42 min Scan# 1417

Delta R.T. -0.01 min

Lab File: BF112961.D

Acq: 11 Mar 2019 18:15

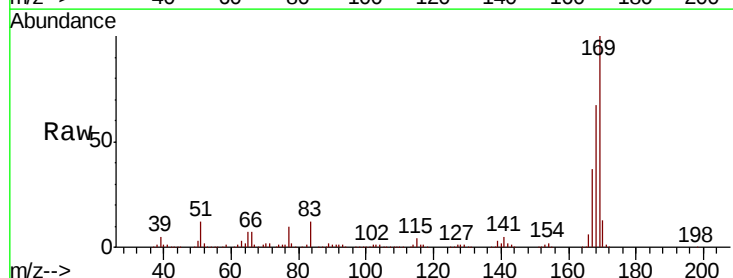
Tgt Ion:169 Resp: 694573

Ion Ratio Lower Upper

169 100

168 67.0 53.0 79.6

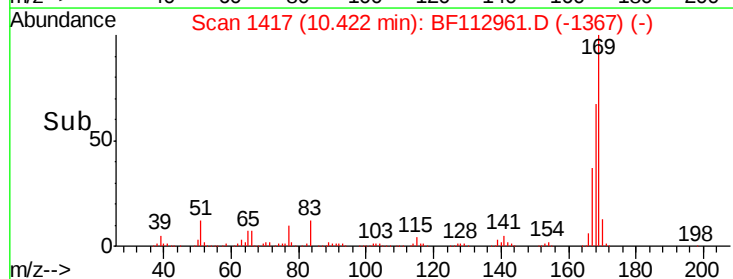
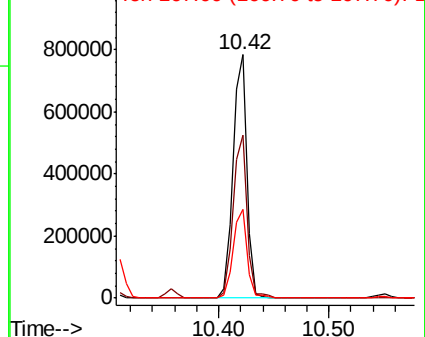
167 36.7 29.3 43.9



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

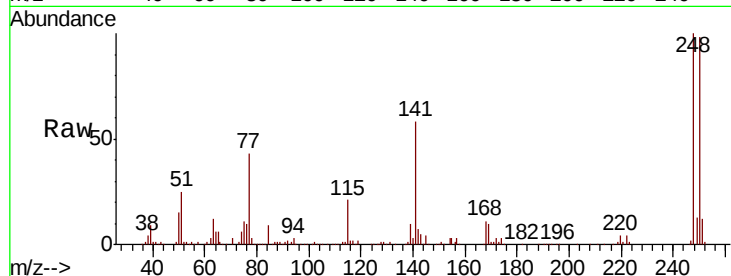




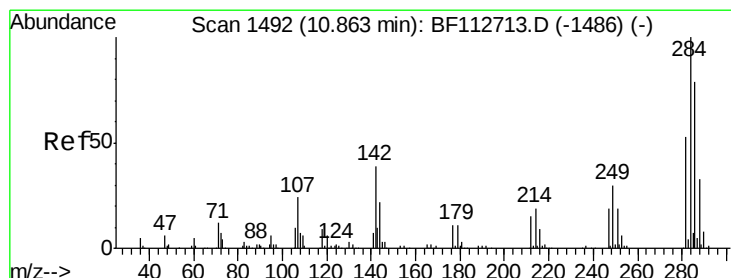
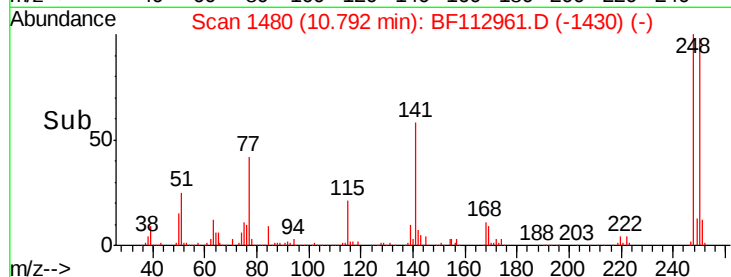
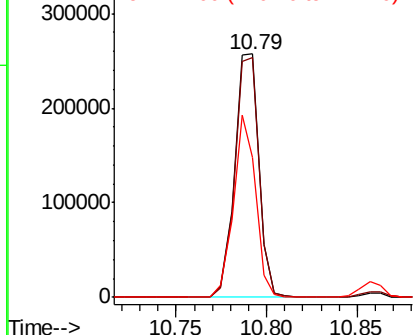
#67
4-Bromophenyl-phenylether
Concen: 33.512 ng
RT: 10.79 min Scan# 1480
Delta R.T. -0.01 min
Lab File: BF112961.D
Acq: 11 Mar 2019 18:15

Instrument :
BNA_F
ClientSampleId :
SD2-0.0-0.5MS

Tgt Ion:248 Resp: 240363
Ion Ratio Lower Upper
248 100
250 98.4 77.5 116.3
141 57.6 62.4 93.6#

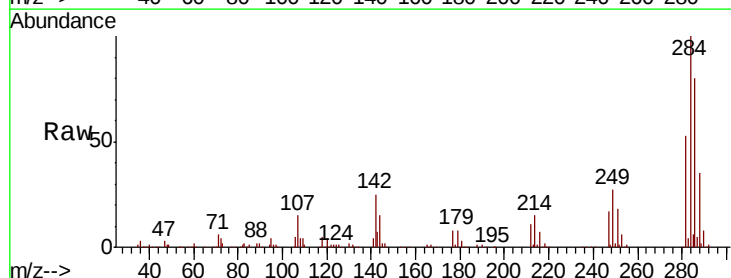


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

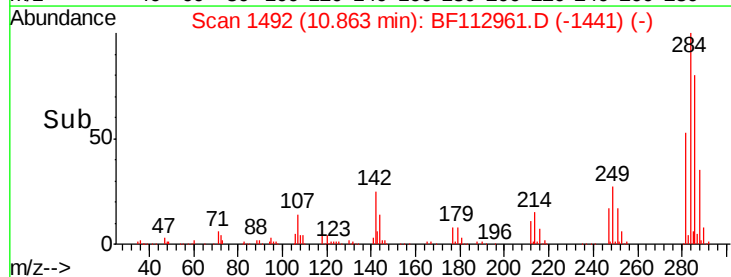
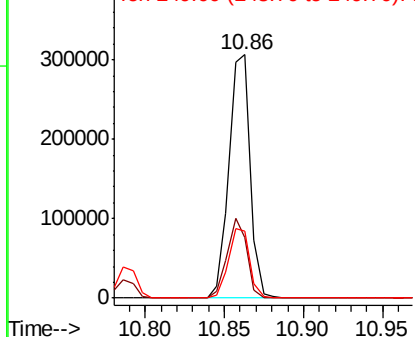


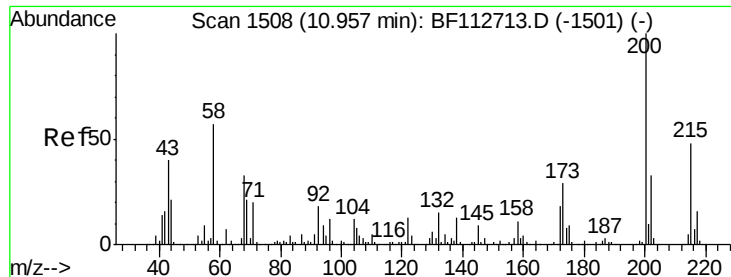
#68
Hexachlorobenzene
Concen: 35.318 ng
RT: 10.86 min Scan# 1492
Delta R.T. 0.00 min
Lab File: BF112961.D
Acq: 11 Mar 2019 18:15

Tgt Ion:284 Resp: 285553
Ion Ratio Lower Upper
284 100
142 25.1 31.0 46.6#
249 27.4 23.6 35.4



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

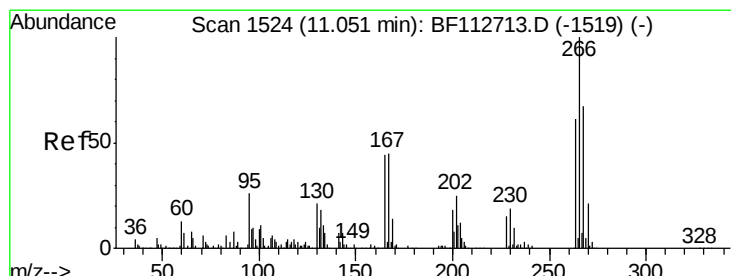
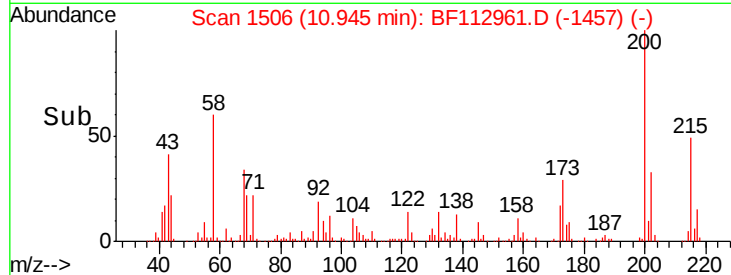
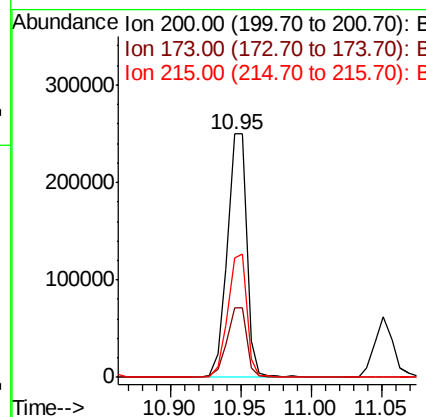
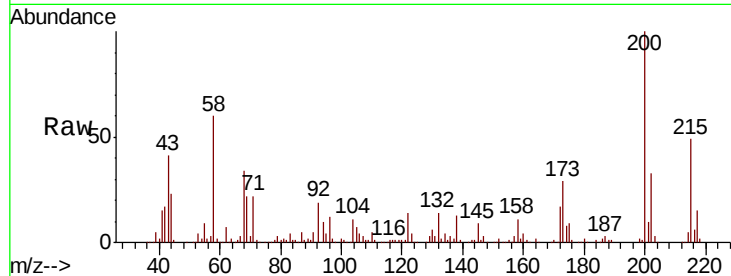




#69
 Atrazine
 Concen: 36.192 ng
 RT: 10.95 min Scan# 1506
 Delta R.T. -0.01 min
 Lab File: BF112961.D
 Acq: 11 Mar 2019 18:15

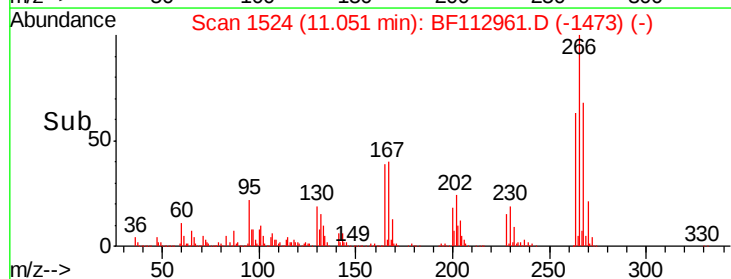
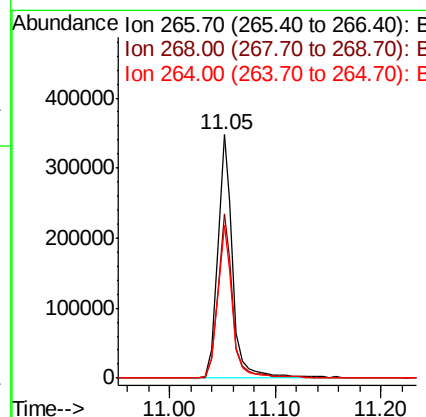
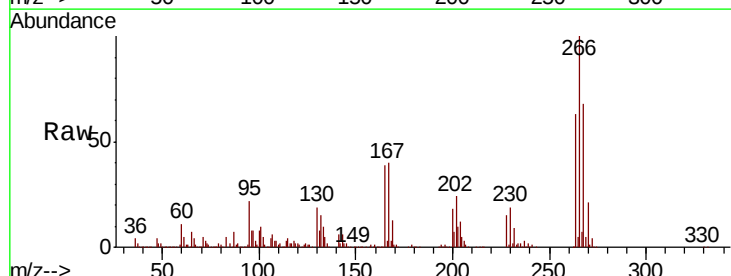
Instrument :
 BNA_F
 ClientSampleId :
 SD2-0.0-0.5MS

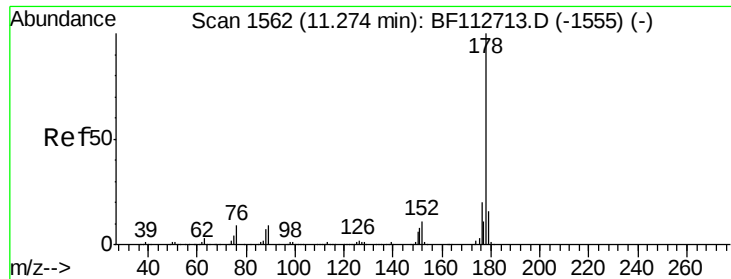
Tgt Ion	Ratio	Lower	Upper
200	100		
173	28.6	9.1	49.1
215	49.0	28.2	68.2



#70
 Pentachlorophenol
 Concen: 73.470 ng
 RT: 11.05 min Scan# 1524
 Delta R.T. 0.00 min
 Lab File: BF112961.D
 Acq: 11 Mar 2019 18:15

Tgt Ion	Ratio	Lower	Upper
266	100		
268	67.6	53.3	79.9
264	62.8	48.9	73.3

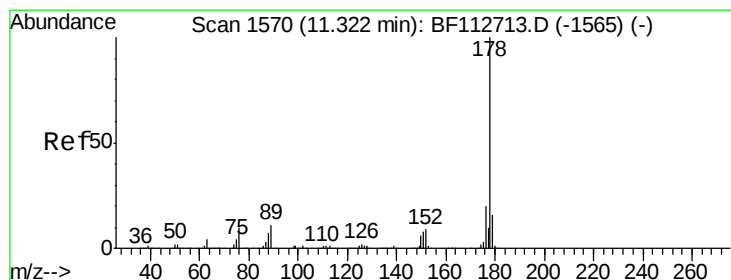
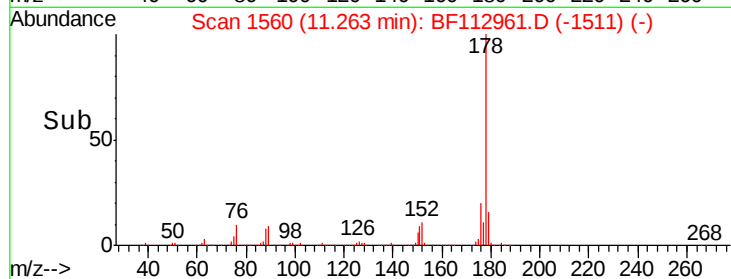
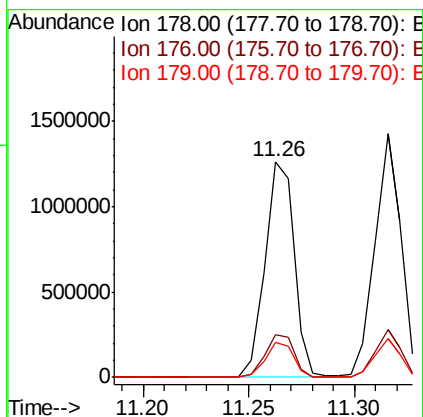
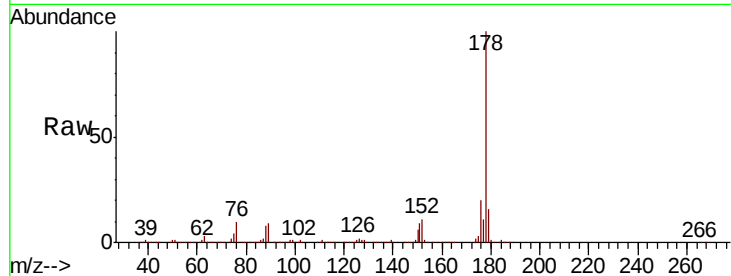




#71
Phenanthrene
Concen: 35.945 ng
RT: 11.26 min Scan# 1560
Delta R.T. -0.01 min
Lab File: BF112961.D
Acq: 11 Mar 2019 18:15

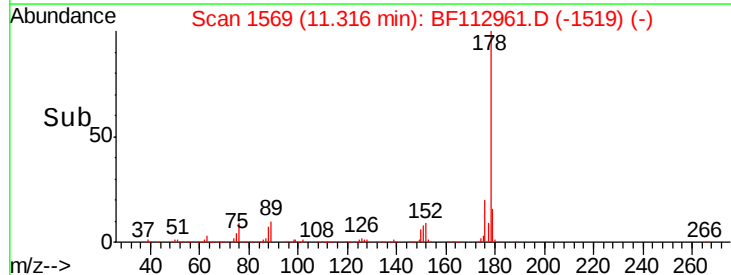
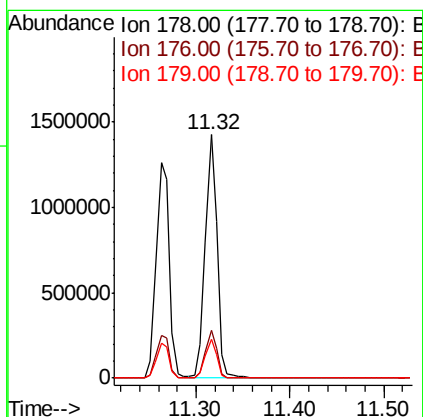
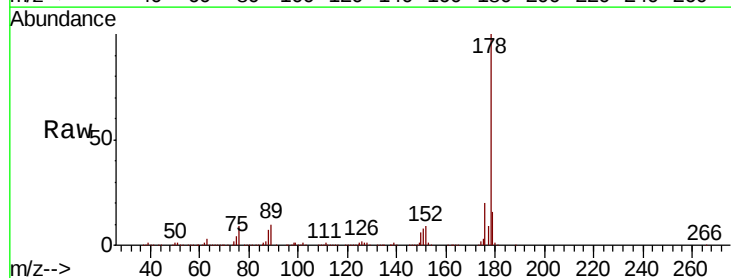
Instrument :
BNA_F
ClientSampleId :
SD2-0.0-0.5MS

Tgt Ion:178 Resp: 1217805
Ion Ratio Lower Upper
178 100
176 19.9 16.3 24.5
179 16.0 12.7 19.1



#72
Anthracene
Concen: 35.598 ng
RT: 11.32 min Scan# 1569
Delta R.T. -0.01 min
Lab File: BF112961.D
Acq: 11 Mar 2019 18:15

Tgt Ion:178 Resp: 1262468
Ion Ratio Lower Upper
178 100
176 19.5 15.8 23.6
179 15.9 13.0 19.6

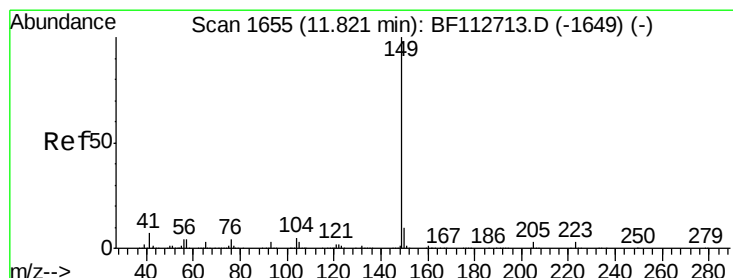
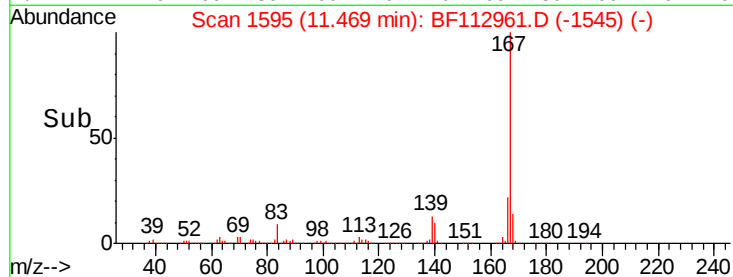
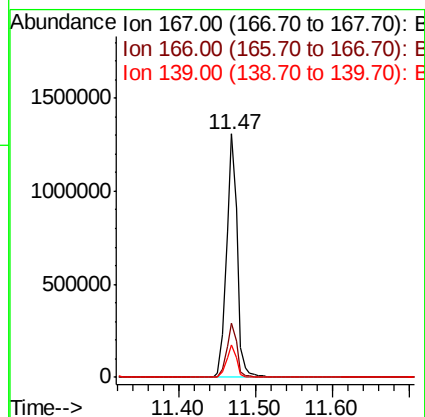
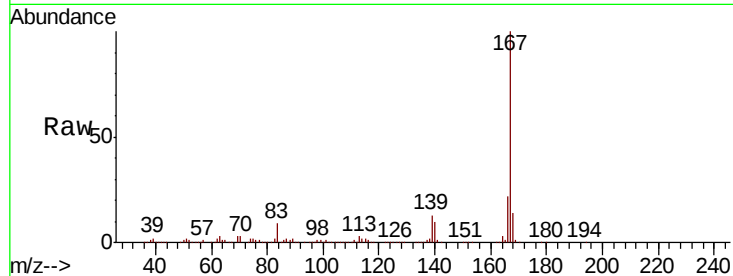




#73
 Carbazole
 Concen: 36.339 ng
 RT: 11.47 min Scan# 1595
 Delta R.T. -0.01 min
 Lab File: BF112961.D
 Acq: 11 Mar 2019 18:15

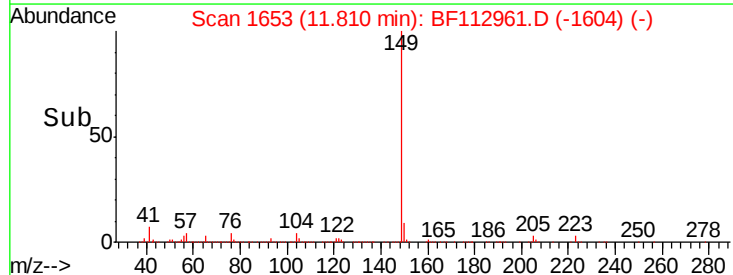
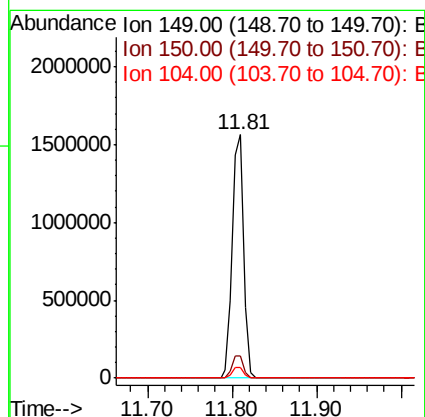
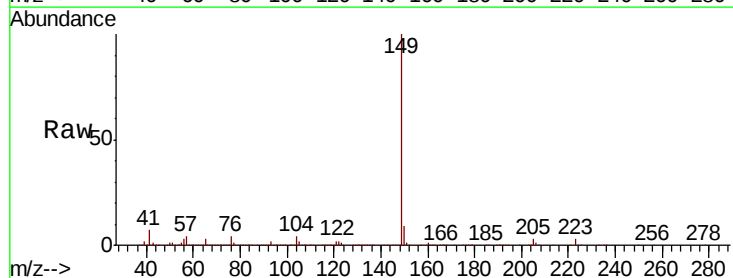
Instrument :
 BNA_F
 ClientSampleId :
 SD2-0.0-0.5MS

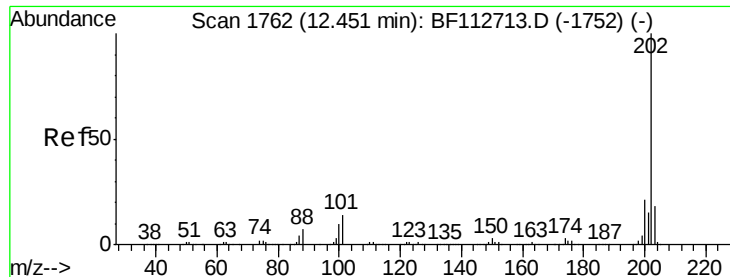
Tgt Ion:167 Resp: 1257189
 Ion Ratio Lower Upper
 167 100
 166 22.0 17.5 26.3
 139 13.2 10.8 16.2



#74
 Di-n-butylphthalate
 Concen: 34.647 ng
 RT: 11.81 min Scan# 1653
 Delta R.T. -0.01 min
 Lab File: BF112961.D
 Acq: 11 Mar 2019 18:15

Tgt Ion:149 Resp: 1437271
 Ion Ratio Lower Upper
 149 100
 150 9.3 7.6 11.4
 104 4.3 3.7 5.5





#75

Fluoranthene

Concen: 40.281 ng

RT: 12.45 min Scan# 1761

Delta R.T. -0.01 min

Lab File: BF112961.D

Acq: 11 Mar 2019 18:15

Instrument :

BNA_F

ClientSampleId :

SD2-0.0-0.5MS

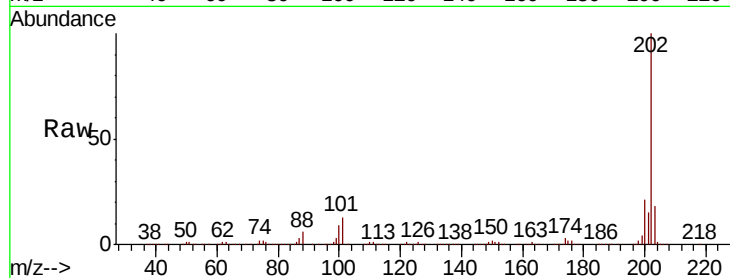
Tgt Ion:202 Resp: 1462125

Ion Ratio Lower Upper

202 100

101 12.5 0.0 33.8

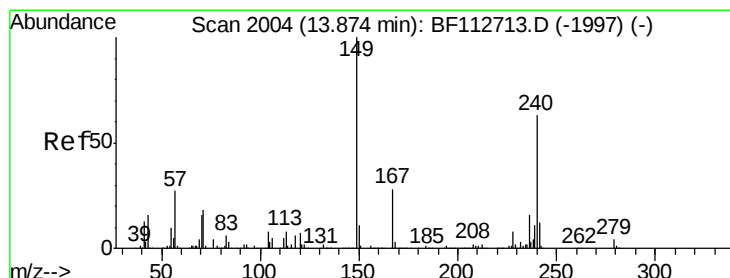
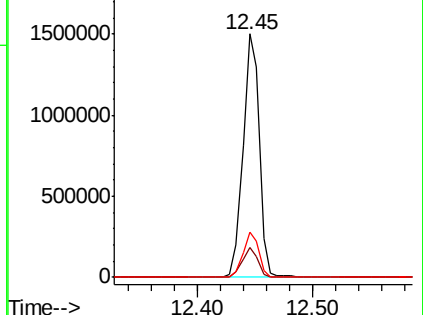
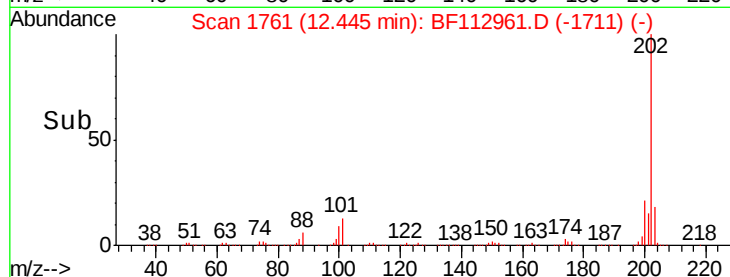
203 18.3 0.0 38.4



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.87 min Scan# 2003

Delta R.T. -0.01 min

Lab File: BF112961.D

Acq: 11 Mar 2019 18:15

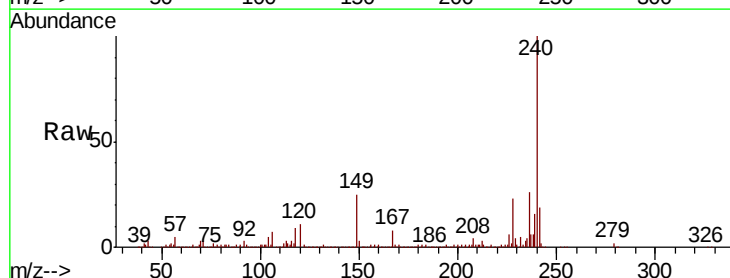
Tgt Ion:240 Resp: 537737

Ion Ratio Lower Upper

240 100

120 11.1 8.9 13.3

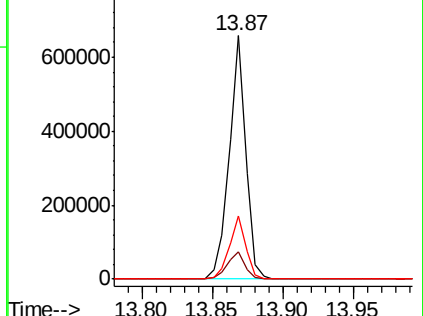
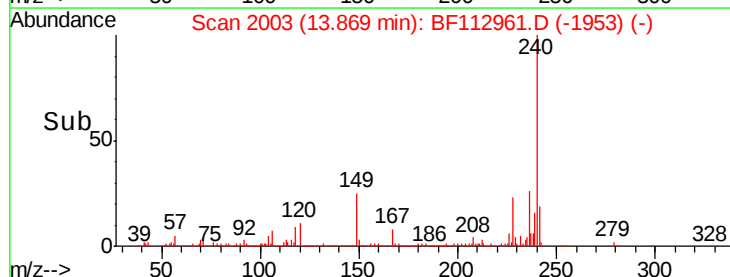
236 25.7 20.7 31.1

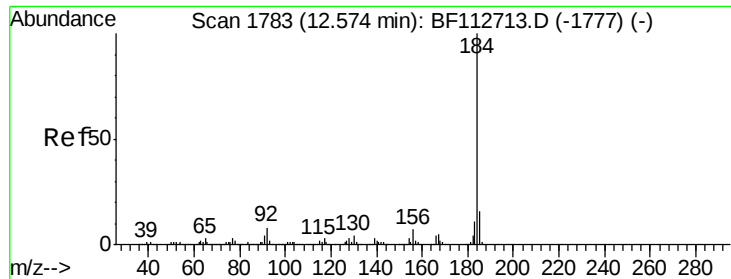


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 17.197 ng

RT: 12.56 min Scan# 1781

Delta R.T. -0.01 min

Lab File: BF112961.D

Acq: 11 Mar 2019 18:15

Instrument :

BNA_F

ClientSampleId :

SD2-0.0-0.5MS

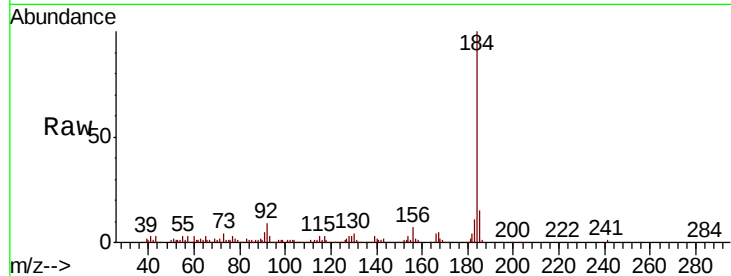
Tgt Ion:184 Resp: 479779

Ion Ratio Lower Upper

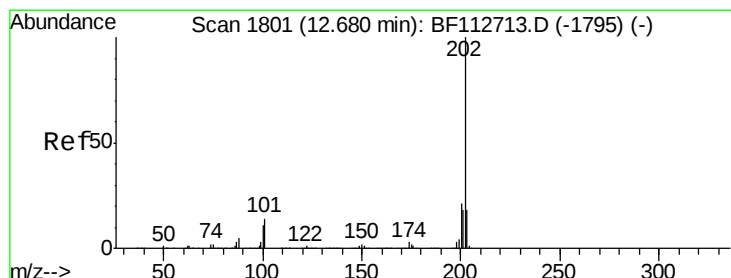
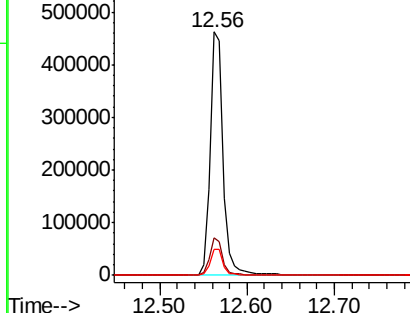
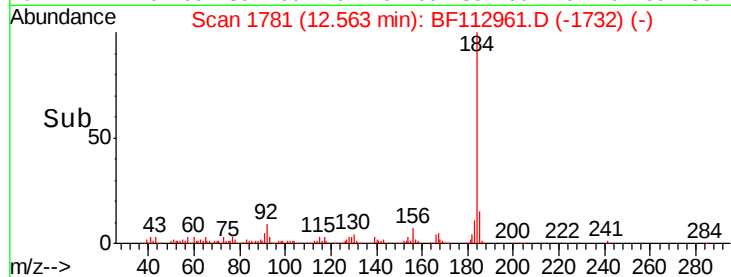
184 100

185 15.4 12.6 18.8

183 10.8 8.6 12.8



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: 32.872 ng

RT: 12.67 min Scan# 1800

Delta R.T. -0.01 min

Lab File: BF112961.D

Acq: 11 Mar 2019 18:15

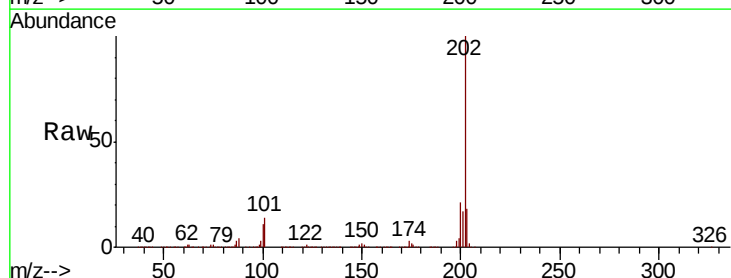
Tgt Ion:202 Resp: 1490188

Ion Ratio Lower Upper

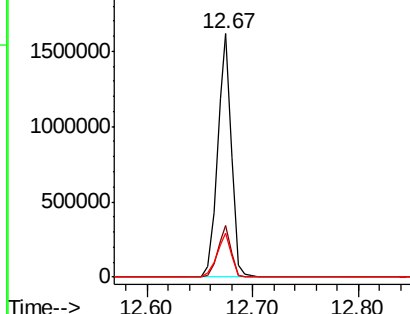
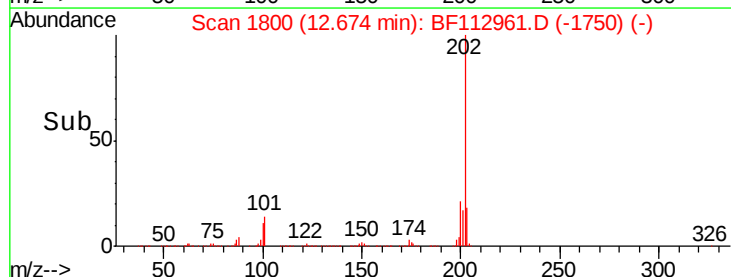
202 100

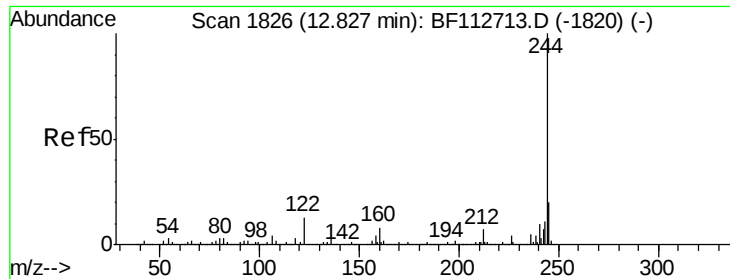
200 21.4 17.0 25.4

203 18.3 14.4 21.6



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

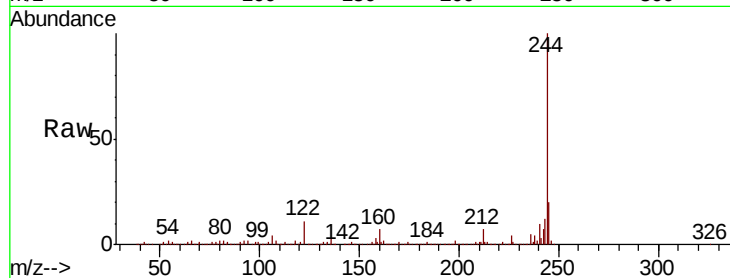




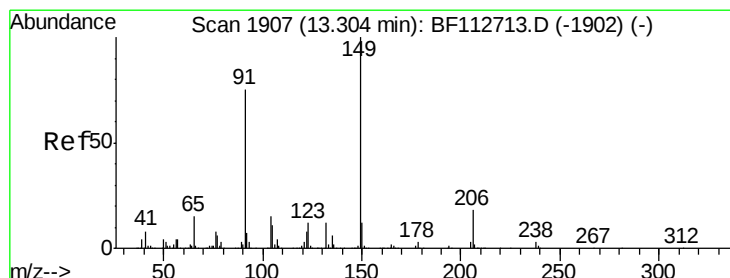
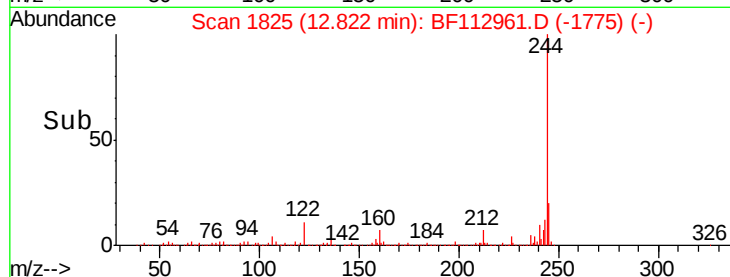
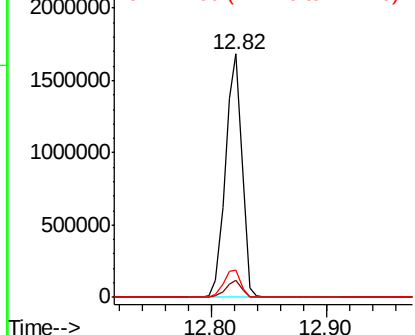
#79
 Terphenyl-d14
 Concen: 59.882 ng
 RT: 12.82 min Scan# 1825
 Delta R.T. -0.01 min
 Lab File: BF112961.D
 Acq: 11 Mar 2019 18:15

Instrument :
 BNA_F
 ClientSampleId :
 SD2-0.0-0.5MS

Tgt Ion:244 Resp: 1661121
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.6 8.4
 122 11.4 10.5 15.7

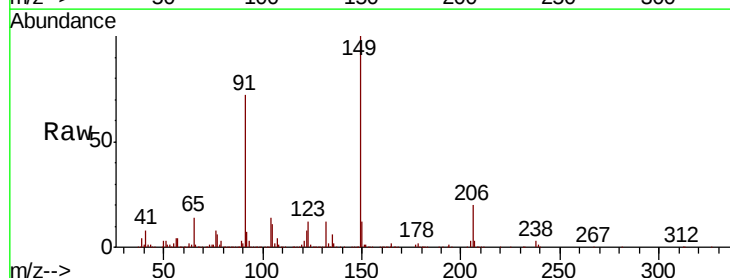


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E

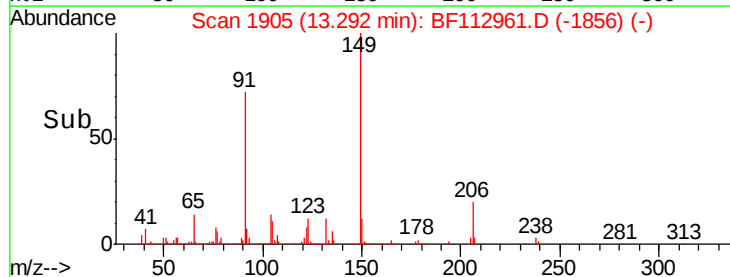
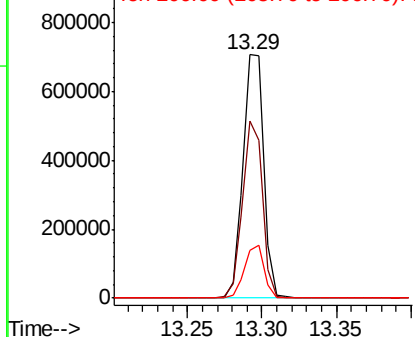


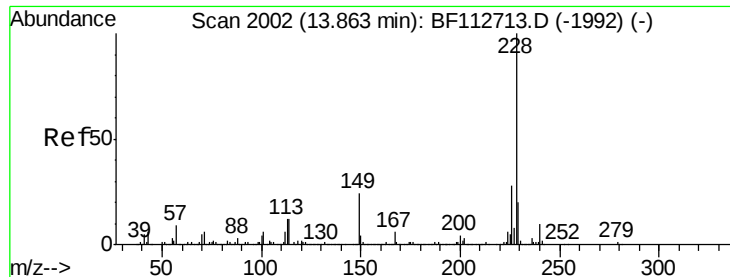
#80
 Butylbenzylphthalate
 Concen: 34.021 ng
 RT: 13.29 min Scan# 1905
 Delta R.T. -0.01 min
 Lab File: BF112961.D
 Acq: 11 Mar 2019 18:15

Tgt Ion:149 Resp: 680765
 Ion Ratio Lower Upper
 149 100
 91 72.5 59.9 89.9
 206 19.6 14.7 22.1



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

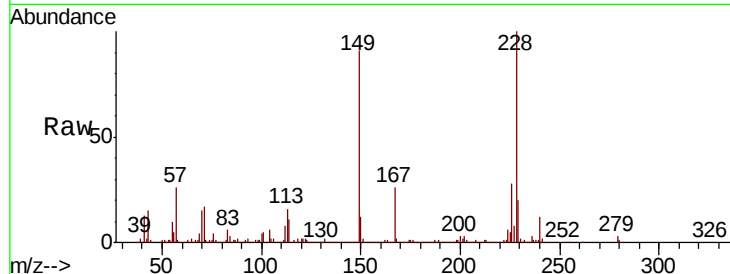




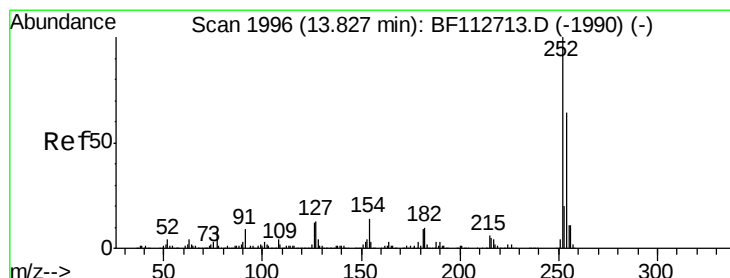
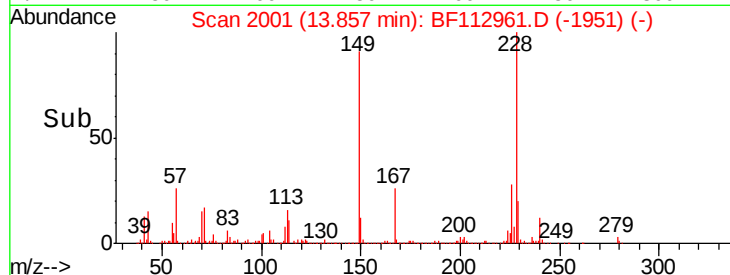
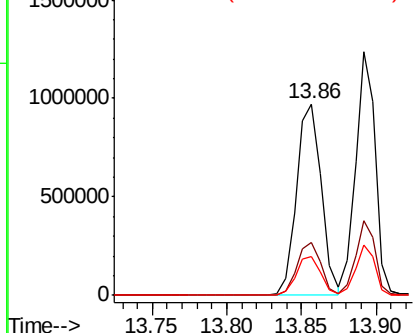
#81
Benzo(a)anthracene
Concen: 30.170 ng
RT: 13.86 min Scan# 2001
Delta R.T. -0.01 min
Lab File: BF112961.D
Acq: 11 Mar 2019 18:15

Instrument :
BNA_F
ClientSampleId :
SD2-0.0-0.5MS

Tgt Ion:228 Resp: 1124387
Ion Ratio Lower Upper
228 100
226 28.0 22.2 33.4
229 20.1 16.0 24.0

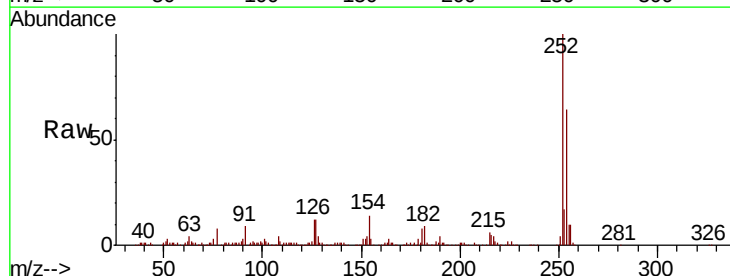


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

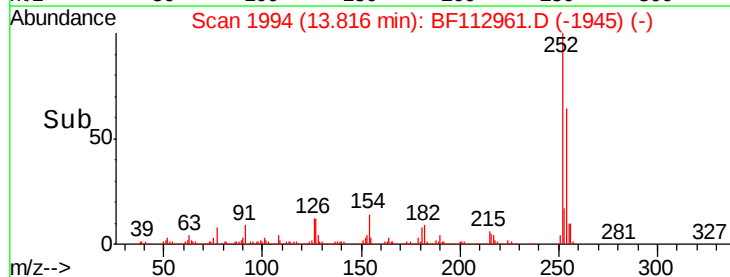
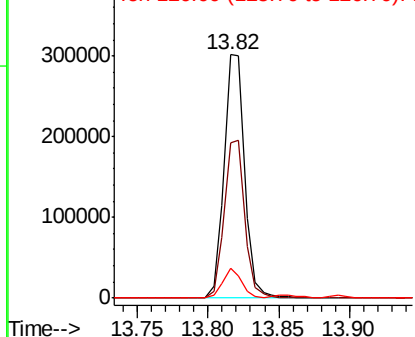


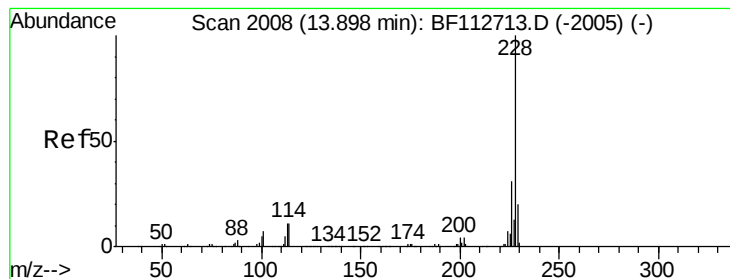
#82
3,3'-Dichlorobenzidine
Concen: 21.830 ng
RT: 13.82 min Scan# 1994
Delta R.T. -0.01 min
Lab File: BF112961.D
Acq: 11 Mar 2019 18:15

Tgt Ion:252 Resp: 307700
Ion Ratio Lower Upper
252 100
254 63.8 51.1 76.7
126 12.2 9.9 14.9



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 254.00 (253.70 to 254.70): E
Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 31.531 ng

RT: 13.89 min Scan# 2007

Delta R.T. -0.01 min

Lab File: BF112961.D

Acq: 11 Mar 2019 18:15

Instrument :

BNA_F

ClientSampleId :

SD2-0.0-0.5MS

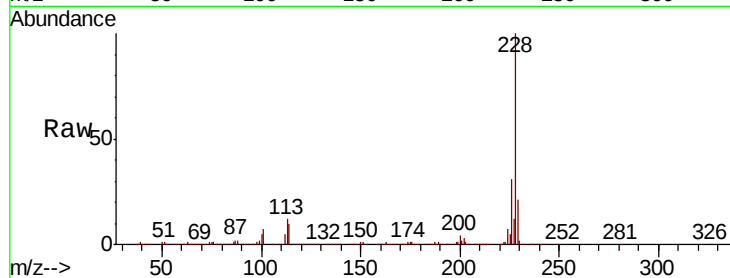
Tgt Ion:228 Resp: 1151060

Ion Ratio Lower Upper

228 100

226 30.5 24.9 37.3

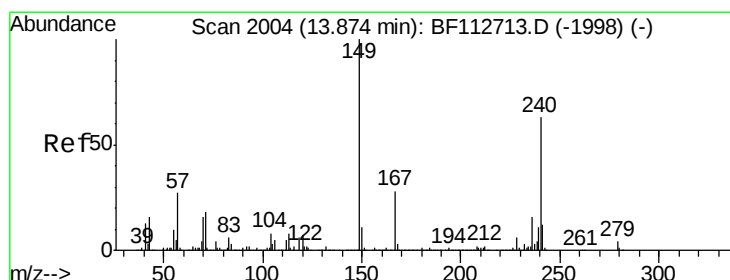
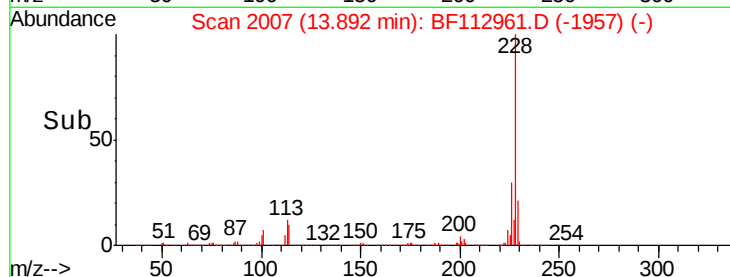
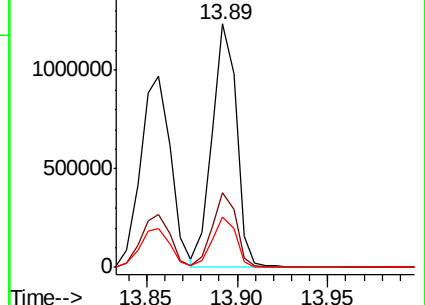
229 20.6 16.3 24.5



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: 35.282 ng

RT: 13.86 min Scan# 2001

Delta R.T. -0.02 min

Lab File: BF112961.D

Acq: 11 Mar 2019 18:15

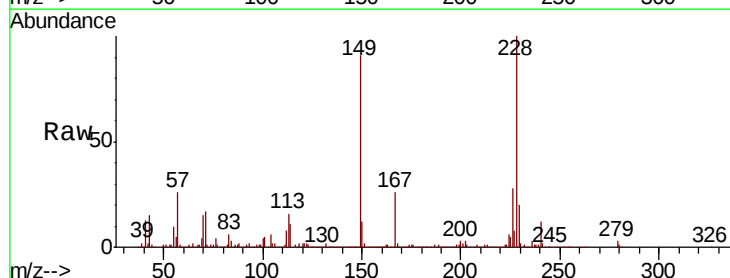
Tgt Ion:149 Resp: 828098

Ion Ratio Lower Upper

149 100

167 28.1 22.4 33.6

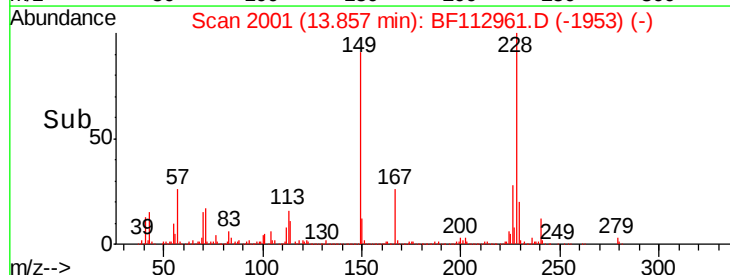
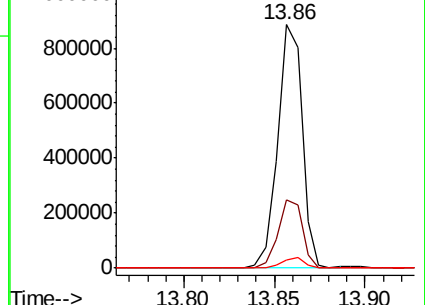
279 3.6 3.3 4.9

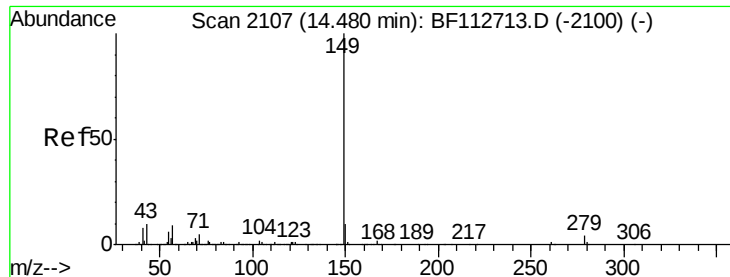


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

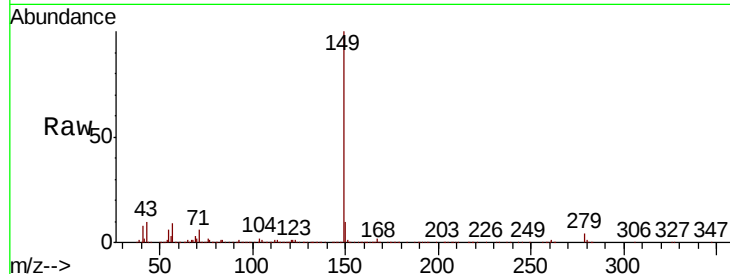




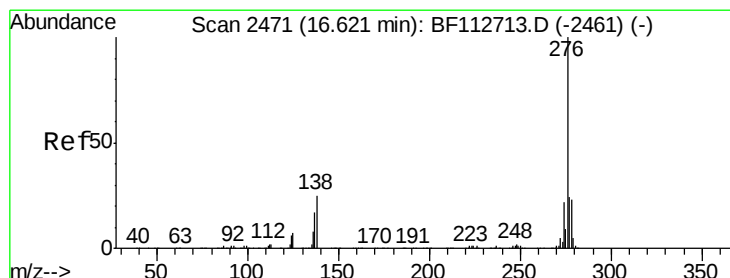
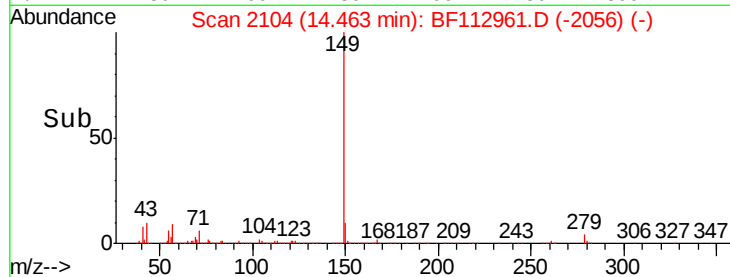
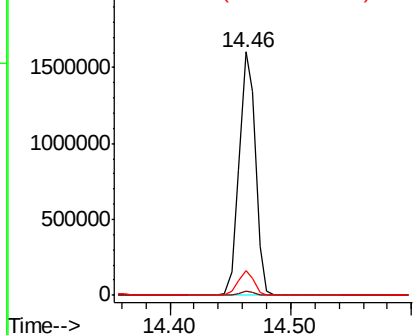
#85
Di-n-octyl phthalate
Concen: 37.711 ng
RT: 14.46 min Scan# 2104
Delta R.T. -0.02 min
Lab File: BF112961.D
Acq: 11 Mar 2019 18:15

Instrument :
BNA_F
ClientSampleId :
SD2-0.0-0.5MS

Tgt Ion:149 Resp: 1519839
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 9.7 9.0 13.4

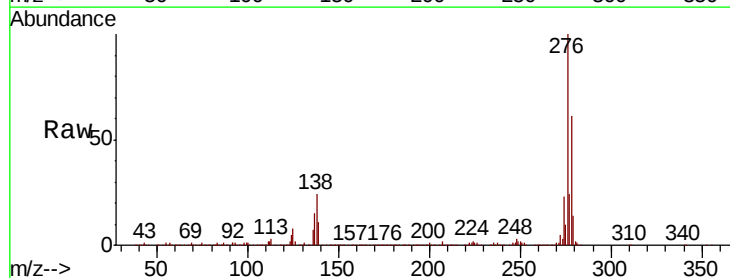


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1

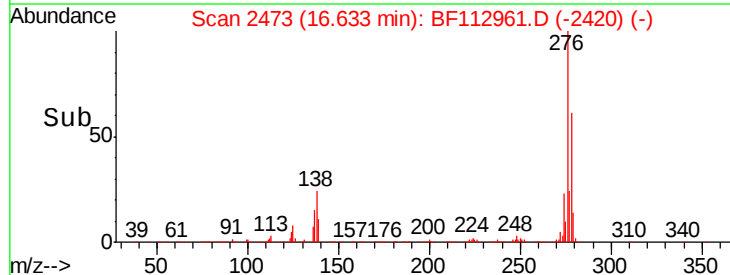
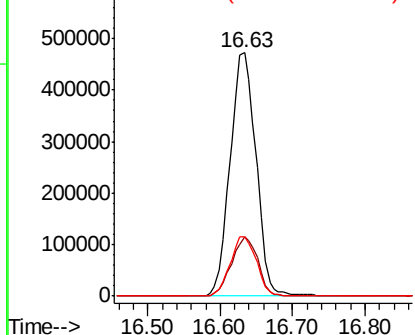


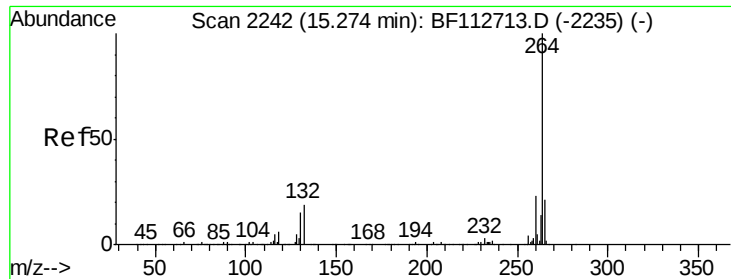
#86
Indeno(1,2,3-cd)pyrene
Concen: 37.845 ng
RT: 16.63 min Scan# 2473
Delta R.T. 0.01 min
Lab File: BF112961.D
Acq: 11 Mar 2019 18:15

Tgt Ion:276 Resp: 1177834
Ion Ratio Lower Upper
276 100
138 24.8 23.2 34.8
277 24.6 19.9 29.9



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

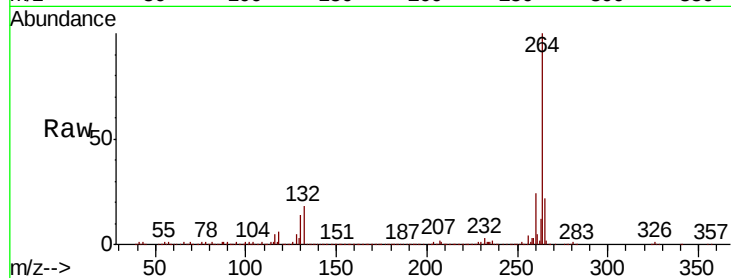




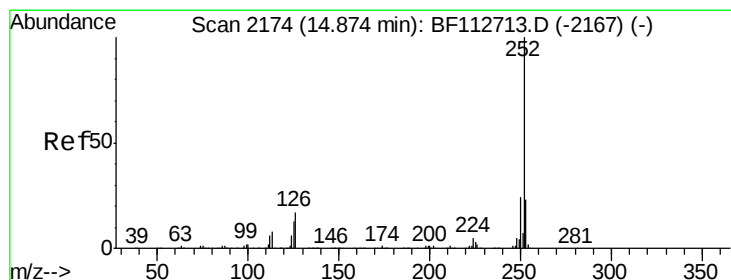
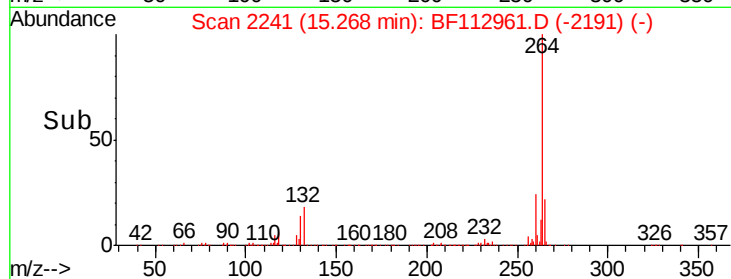
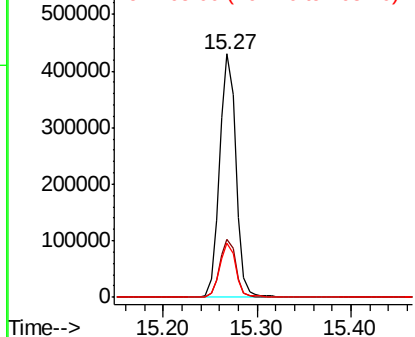
#87
Perylene-d12
Concen: 20.000 ng
RT: 15.27 min Scan# 2241
Delta R.T. -0.01 min
Lab File: BF112961.D
Acq: 11 Mar 2019 18:15

Instrument :
BNA_F
ClientSampleId :
SD2-0.0-0.5MS

Tgt Ion:264 Resp: 525666
Ion Ratio Lower Upper
264 100
260 23.8 18.7 28.1
265 22.1 17.2 25.8

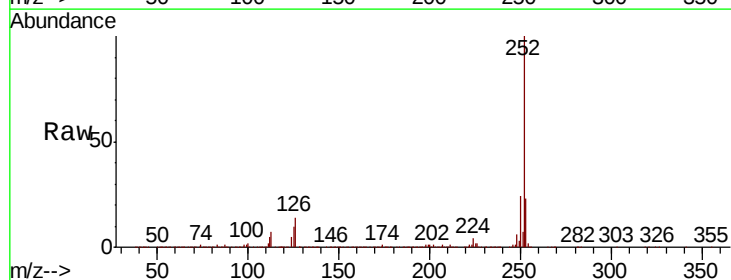


Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

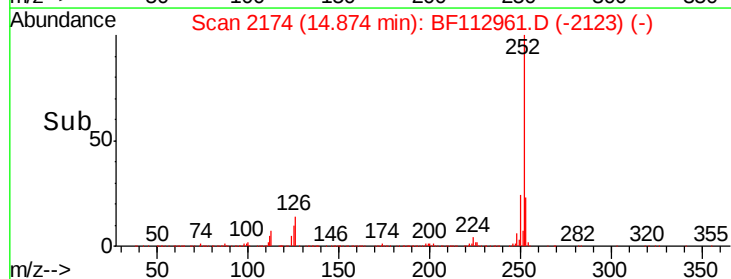
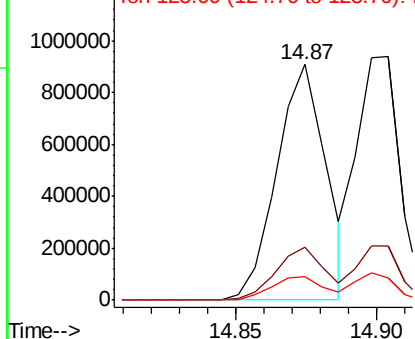


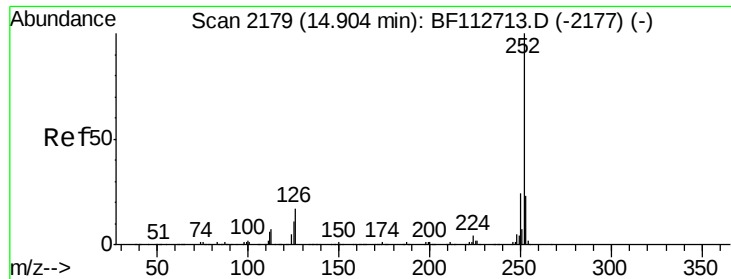
#88
Benzo(b)fluoranthene
Concen: 32.212 ng
RT: 14.87 min Scan# 2174
Delta R.T. 0.00 min
Lab File: BF112961.D
Acq: 11 Mar 2019 18:15

Tgt Ion:252 Resp: 1095261
Ion Ratio Lower Upper
252 100
253 22.5 18.0 27.0
125 10.1 10.2 15.2#



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

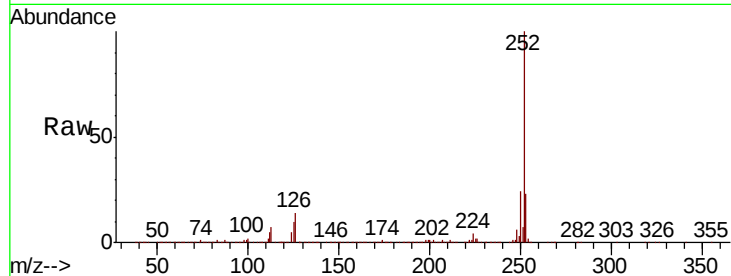




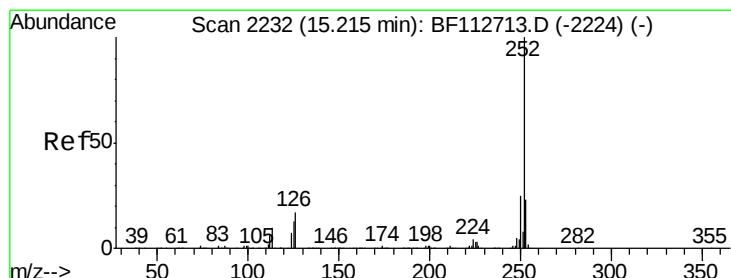
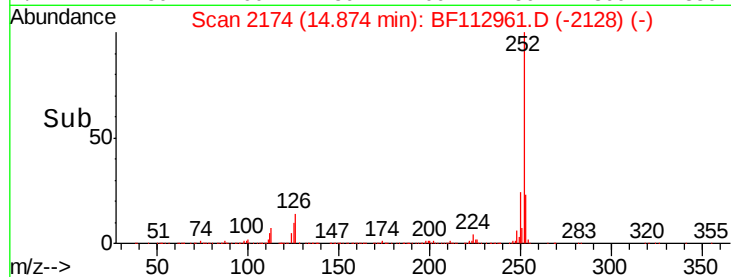
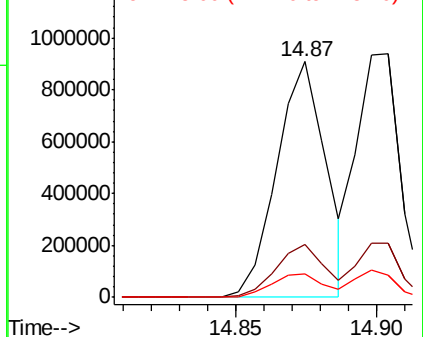
#89
Benzo(k)fluoranthene
Concen: 35.562 ng
RT: 14.87 min Scan# 2174
Delta R.T. -0.03 min
Lab File: BF112961.D
Acq: 11 Mar 2019 18:15

Instrument :
BNA_F
ClientSampleId :
SD2-0.0-0.5MS

Tgt Ion:252 Resp: 1095261
Ion Ratio Lower Upper
252 100
253 22.5 18.2 27.2
125 10.1 9.8 14.6

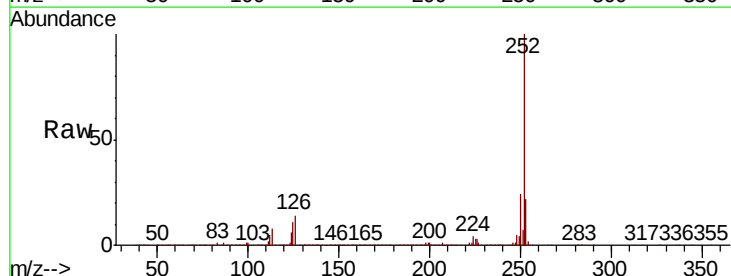


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

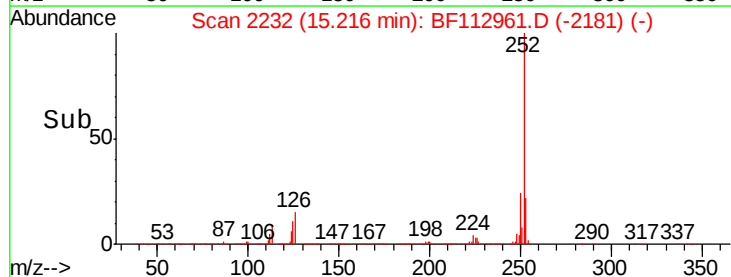
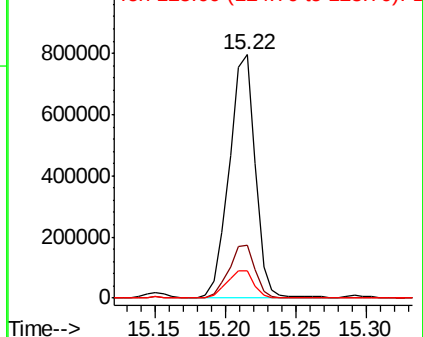


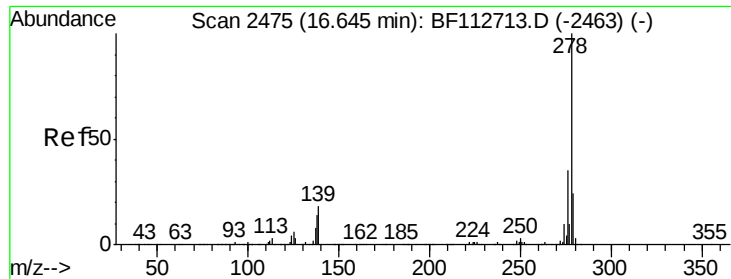
#90
Benzo(a)pyrene
Concen: 33.955 ng
RT: 15.22 min Scan# 2232
Delta R.T. 0.00 min
Lab File: BF112961.D
Acq: 11 Mar 2019 18:15

Tgt Ion:252 Resp: 1021189
Ion Ratio Lower Upper
252 100
253 22.0 18.0 27.0
125 11.0 10.7 16.1



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





#91

Dibenzo(a,h)anthracene

Concen: 38.289 ng

RT: 16.64 min Scan# 2475

Delta R.T. 0.00 min

Lab File: BF112961.D

Acq: 11 Mar 2019 18:15

Instrument :

BNA_F

ClientSampleId :

SD2-0.0-0.5MS

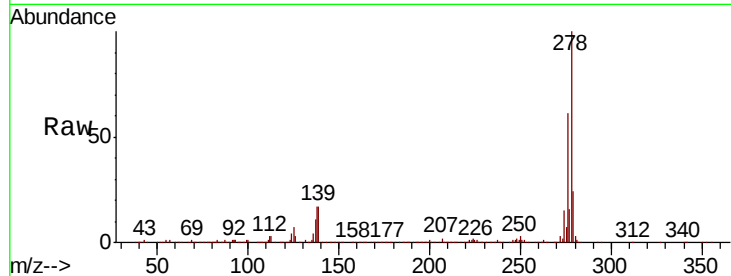
Tgt Ion:278 Resp: 982618

Ion Ratio Lower Upper

278 100

139 16.5 14.3 21.5

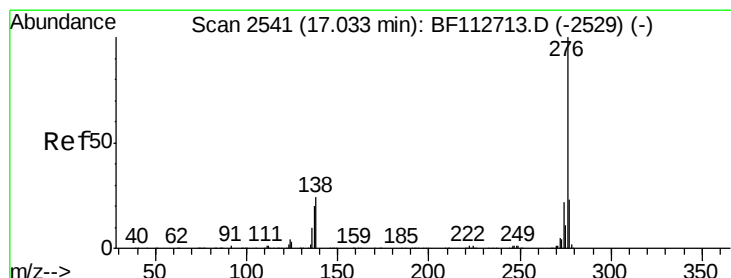
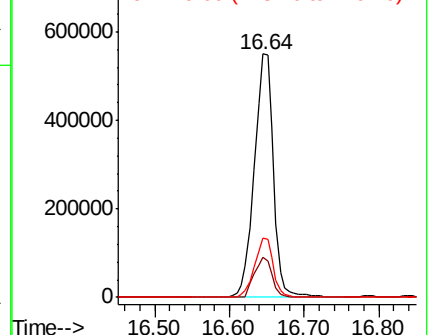
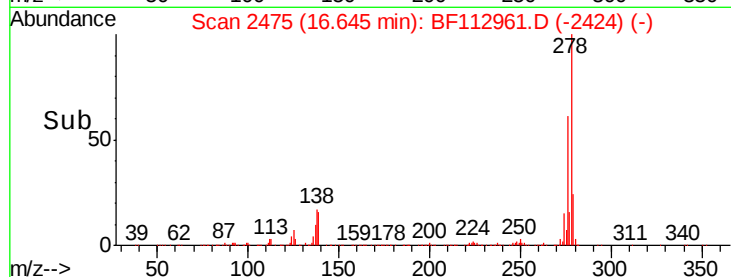
279 24.3 19.4 29.0



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: 36.924 ng

RT: 17.04 min Scan# 2542

Delta R.T. 0.01 min

Lab File: BF112961.D

Acq: 11 Mar 2019 18:15

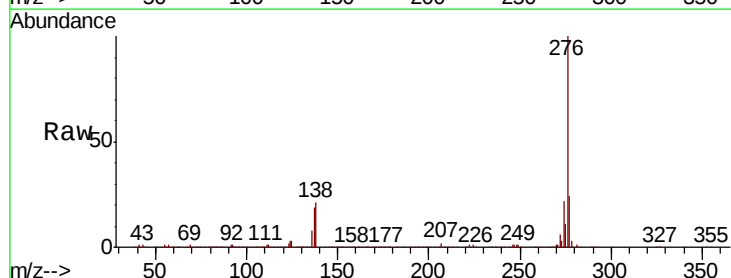
Tgt Ion:276 Resp: 951529

Ion Ratio Lower Upper

276 100

277 23.8 18.6 27.8

138 21.1 19.4 29.0



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

