

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012319\
 Data File : BF112200.D
 Acq On : 23 Jan 2019 14:29
 Operator : JU/SJ
 Sample : K1220-01MS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 23 15:16:49 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF011619.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jan 19 01:02:12 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	197643	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	765843	20.00	ng	0.00
39) Acenaphthene-d10	9.89	164	389334	20.00	ng	0.00
64) Phenanthrene-d10	11.38	188	790829	20.00	ng	0.00
76) Chrysene-d12	14.02	240	642232	20.00	ng	0.00
87) Perylene-d12	15.49	264	538415	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.49	112	1470803	135.07	ng	0.00
7) Phenol-d6	6.50	99	1849993	135.79	ng	0.00
23) Nitrobenzene-d5	7.42	82	1199245	108.19	ng	-0.01
42) 2,4,6-Tribromophenol	10.69	330	652589	155.38	ng	0.00
45) 2-Fluorobiphenyl	9.21	172	2397440	90.28	ng	0.00
79) Terphenyl-d14	12.96	244	2814266	93.22	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.62	88	163600	32.034	ng	96
3) Pyridine	3.39	79	351492	27.480	ng	99
4) n-Nitrosodimethylamine	3.33	42	220427	42.443	ng	98
6) Aniline	6.52	93	523259	31.578	ng	# 26
8) 2-Chlorophenol	6.65	128	558279	44.144	ng	96
9) Benzaldehyde	6.40	77	118218	12.294	ng	99
10) Phenol	6.52	94	642873	43.176	ng	94
11) bis(2-Chloroethyl)ether	6.59	93	494166	41.741	ng	99
12) 1,3-Dichlorobenzene	6.80	146	590296	40.900	ng	98
13) 1,4-Dichlorobenzene	6.87	146	606102	41.055	ng	98
14) 1,2-Dichlorobenzene	7.03	146	569838	41.904	ng	99
15) Benzyl Alcohol	7.00	79	465909	45.901	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.13	45	621838	36.423	ng	84
17) 2-Methylphenol	7.12	107	440981	46.431	ng	95
18) Hexachloroethane	7.36	117	214916	43.617	ng	99
19) n-Nitroso-di-n-propylamine	7.27	70	370372	44.624	ng	94
20) 3+4-Methylphenols	7.27	107	561448	48.755	ng	# 76
22) Acetophenone	7.26	105	735549	41.457	ng	# 98
24) Nitrobenzene	7.43	77	555747	47.306	ng	98
25) Isophorone	7.67	82	1004583	46.919	ng	97
26) 2-Nitrophenol	7.75	139	305457	50.312	ng	96
27) 2,4-Dimethylphenol	7.79	122	483938	48.693	ng	95
28) bis(2-Chloroethoxy)methane	7.88	93	635439	43.266	ng	100
29) 2,4-Dichlorophenol	8.00	162	492225	45.338	ng	98
30) 1,2,4-Trichlorobenzene	8.08	180	523716	41.566	ng	98
31) Naphthalene	8.16	128	1599933	45.932	ng	99
32) Benzoic acid	7.90	122	103004	28.677	ng	95
33) 4-Chloroaniline	8.20	127	360962	23.058	ng	98
34) Hexachlorobutadiene	8.27	225	290094	41.373	ng	99
35) Caprolactam	8.57	113	92631	24.378	ng	100
36) 4-Chloro-3-methylphenol	8.70	107	507604	47.870	ng	96
37) 2-Methylnaphthalene	8.85	142	1148286	48.547	ng	98
38) 1-Methylnaphthalene	8.95	142	1070131	47.076	ng	97
40) 1,2,4,5-Tetrachlorobenzene	9.02	216	527510	42.194	ng	99

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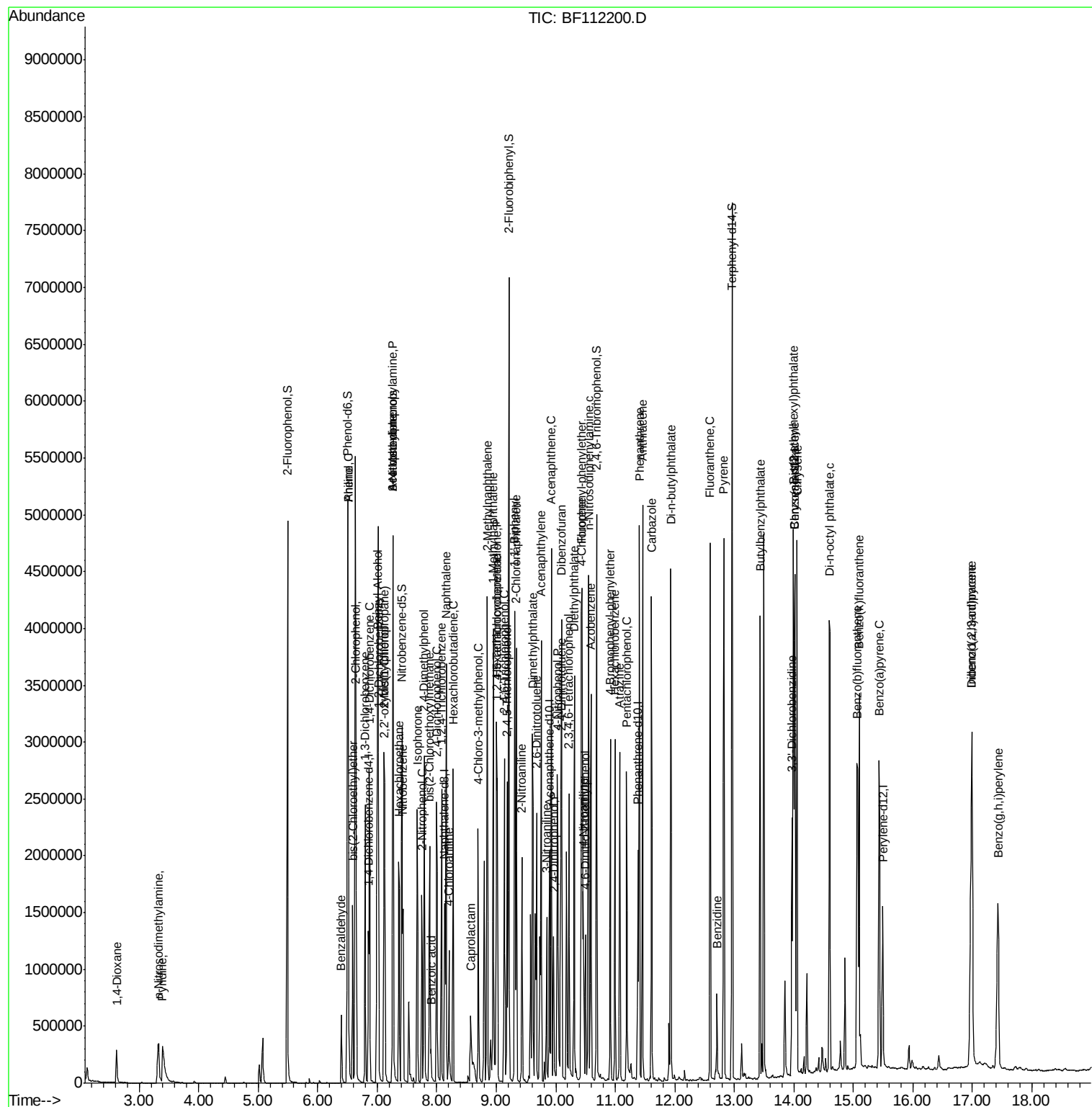
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.00	237	406334	81.212	ng	98
43) 2,4,6-Trichlorophenol	9.13	196	353459	47.260	ng	98
44) 2,4,5-Trichlorophenol	9.18	196	371655	46.658	ng	99
46) 1,1'-Biphenyl	9.32	154	1401133	43.039	ng	98
47) 2-Chloronaphthalene	9.34	162	1084178	42.545	ng	96
48) 2-Nitroaniline	9.43	65	306134	53.335	ng	95
49) Acenaphthylene	9.76	152	1739577	46.779	ng	99
50) Dimethylphthalate	9.61	163	1484491	52.283	ng	100
51) 2,6-Dinitrotoluene	9.67	165	299853	52.881	ng #	88
52) Acenaphthene	9.93	154	990939	43.553	ng	99
53) 3-Nitroaniline	9.85	138	239764	37.813	ng	94
54) 2,4-Dinitrophenol	9.96	184	202487	96.575	ng	95
55) Dibenzofuran	10.10	168	1537473	44.684	ng	96
56) 4-Nitrophenol	10.03	139	403816	88.461	ng	97
57) 2,4-Dinitrotoluene	10.09	165	401321	54.454	ng	98
58) Fluorene	10.44	166	1219935	47.454	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.22	232	309430	51.478	ng	95
60) Diethylphthalate	10.31	149	1338407	48.290	ng	99
61) 4-Chlorophenyl-phenylether	10.43	204	600855	43.313	ng	93
62) 4-Nitroaniline	10.46	138	327139	51.957	ng	97
63) Azobenzene	10.59	77	1145070	43.142	ng	95
65) 4,6-Dinitro-2-methylphenol	10.50	198	171658	51.195	ng	96
66) n-Nitrosodiphenylamine	10.55	169	1111591	42.518	ng	99
67) 4-Bromophenyl-phenylether	10.92	248	386115	42.034	ng	94
68) Hexachlorobenzene	11.00	284	413675	41.806	ng	95
69) Atrazine	11.07	200	377494	44.746	ng	99
70) Pentachlorophenol	11.19	266	346641	73.405	ng	99
71) Phenanthrene	11.40	178	1835223	46.112	ng	99
72) Anthracene	11.46	178	1874938	46.505	ng	100
73) Carbazole	11.61	167	1699766	42.087	ng	98
74) Di-n-butylphthalate	11.93	149	2146770	47.255	ng	100
75) Fluoranthene	12.59	202	1936220	46.077	ng	98
77) Benzidine	12.70	184	326894	15.255	ng	96
78) Pyrene	12.82	202	1950584	46.035	ng	100
80) Butylbenzylphthalate	13.43	149	945284	50.853	ng	98
81) Benzo(a)anthracene	14.02	228	1722331	46.772	ng	99
82) 3,3'-Dichlorobenzidine	13.97	252	444334	32.220	ng	99
83) Chrysene	14.05	228	1575250	45.209	ng	100
84) Bis(2-ethylhexyl)phthalate	13.99	149	1339445	50.278	ng	100
85) Di-n-octyl phthalate	14.60	149	2058563	50.151	ng	99
86) Indeno(1,2,3-cd)pyrene	16.99	276	1568992	48.808	ng	98
88) Benzo(b)fluoranthene	15.07	252	1518478	49.684	ng	97
89) Benzo(k)fluoranthene	15.10	252	1370687	46.337	ng	98
90) Benzo(a)pyrene	15.43	252	1370191	48.886	ng	98
91) Dibenzo(a,h)anthracene	16.99	278	1286258	51.670	ng	100
92) Benzo(g,h,i)perylene	17.43	276	1304440	53.189	ng	99

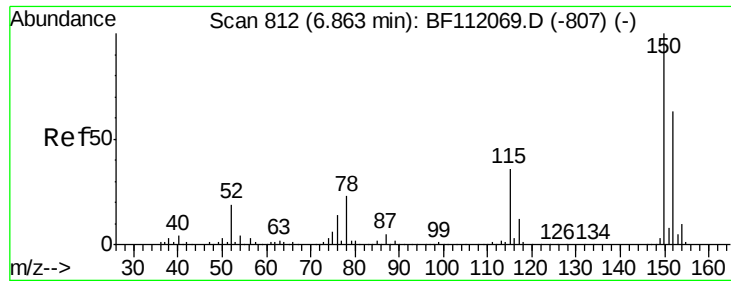
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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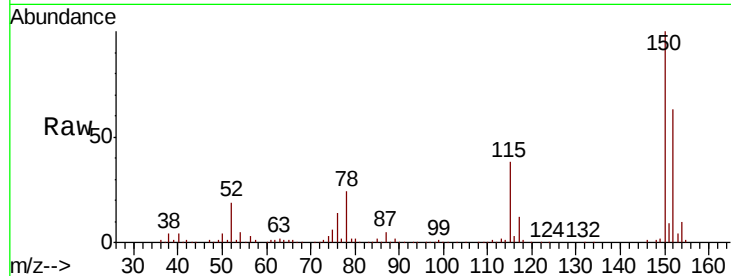


#1

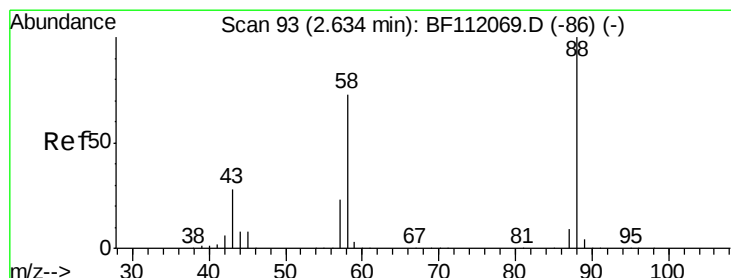
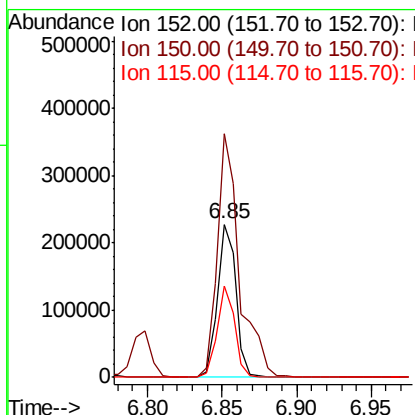
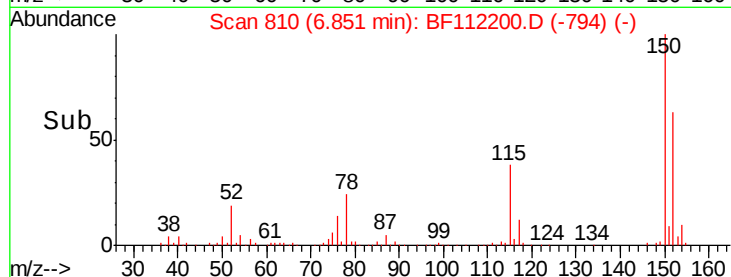
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 810
Delta R.T. -0.01 min
Lab File: BF112200.D
Acq: 23 Jan 2019 14:29

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 197643
Ion Ratio Lower Upper
152 100
150 158.8 127.4 191.0
115 59.7 45.5 68.3



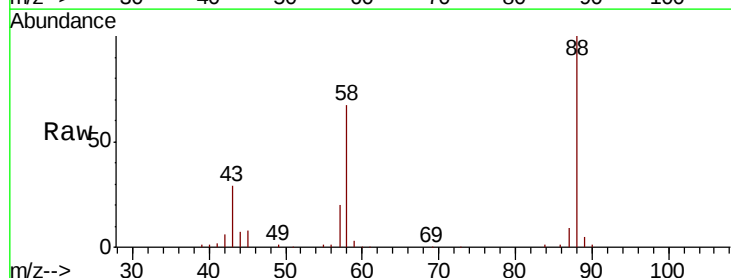
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



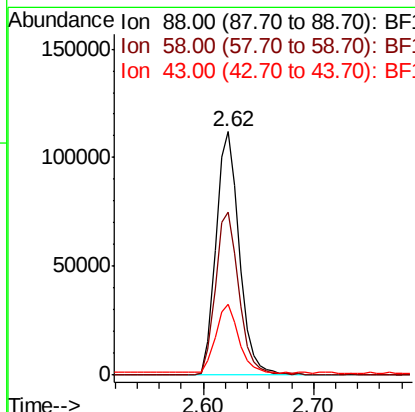
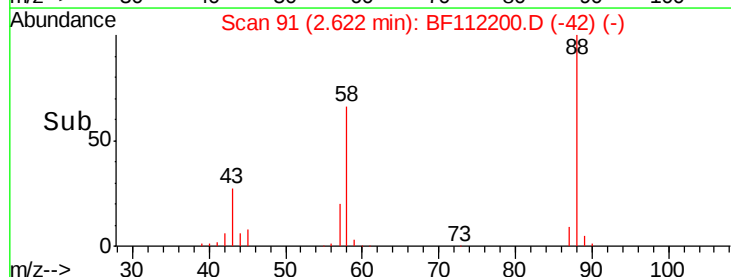
#2

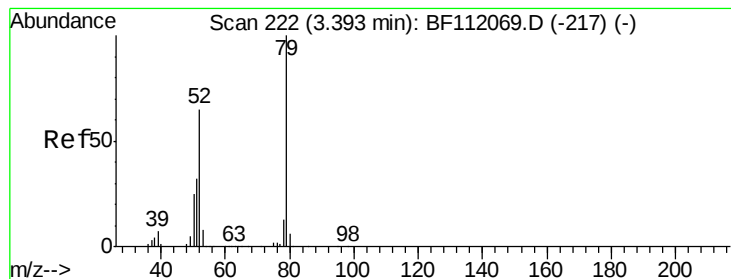
1,4-Dioxane
Concen: 32.034 ng
RT: 2.62 min Scan# 91
Delta R.T. -0.01 min
Lab File: BF112200.D
Acq: 23 Jan 2019 14:29

Tgt Ion: 88 Resp: 163600
Ion Ratio Lower Upper
88 100
58 67.8 57.4 86.2
43 27.9 22.2 33.4



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





#3

Pvridine

Concen: 27.480 ng

RT: 3.39 min Scan# 222

Delta R.T. 0.01 min

Lab File: BF112200.D

Acq: 23 Jan 2019 14:29

Instrument :

BNA_F

ClientSampleId :

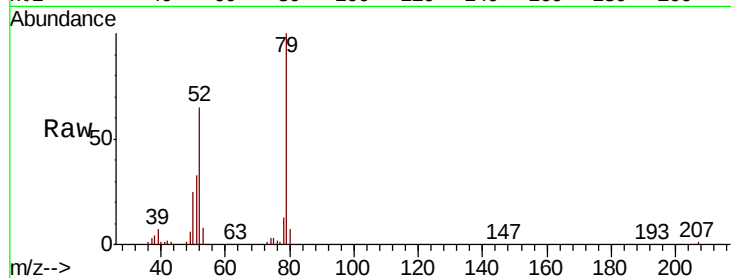
Tot Ion: 79 Resp: 351492

Ion Ratio Lower Upper

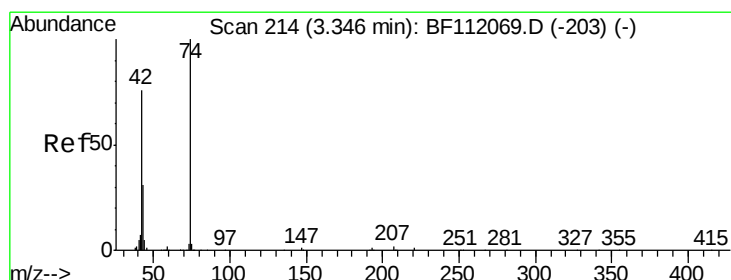
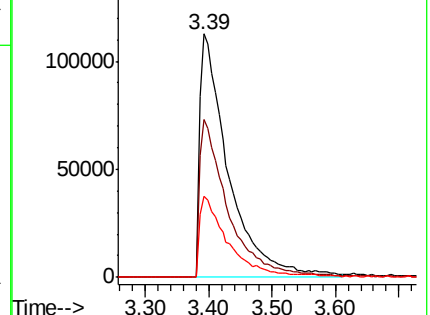
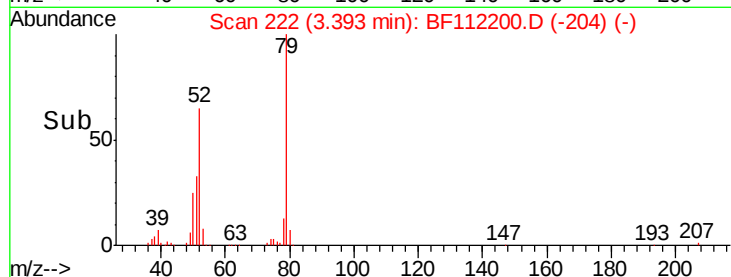
79 100

52 65.0 52.4 78.6

51 33.2 26.1 39.1



Abundance Ion 79.00 (78.70 to 79.70): BF1
Ion 52.00 (51.70 to 52.70): BF1
Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 42.443 ng

RT: 3.33 min Scan# 211

Delta R.T. -0.01 min

Lab File: BF112200.D

Acq: 23 Jan 2019 14:29

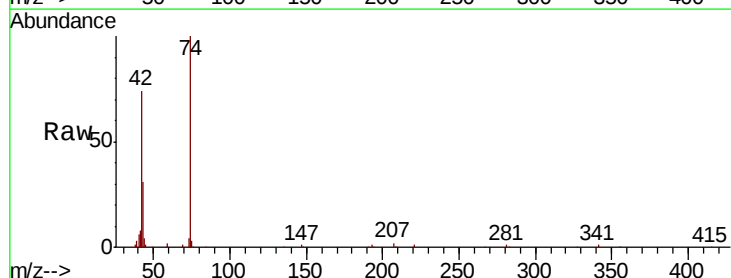
Tgt Ion: 42 Resp: 220427

Ion Ratio Lower Upper

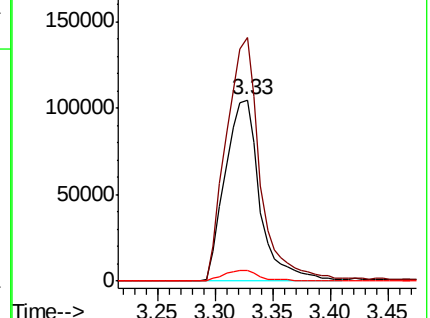
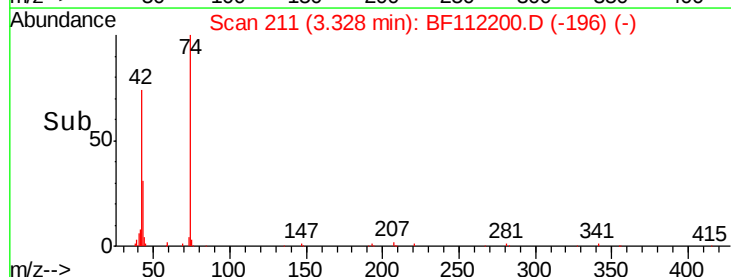
42 100

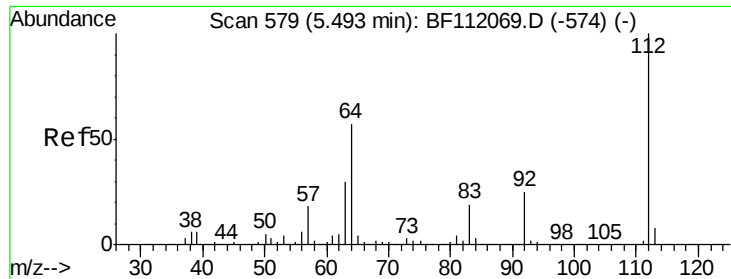
74 134.5 105.6 158.4

44 6.0 5.4 8.2



Abundance Ion 42.00 (41.70 to 42.70): BF1
Ion 74.00 (73.70 to 74.70): BF1
Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 135.070 ng

RT: 5.49 min Scan# 579

Delta R.T. 0.00 min

Lab File: BF112200.D

Acq: 23 Jan 2019 14:29

Instrument :

BNA_F

ClientSampled :

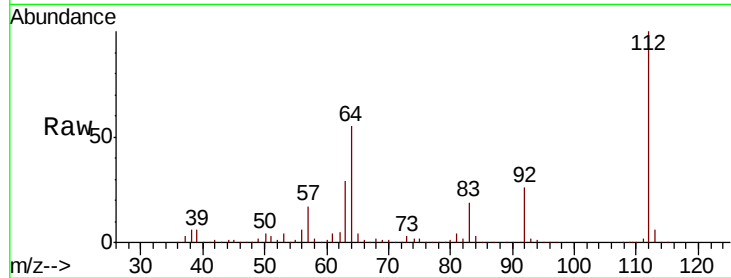
Tot Ion:112 Resp: 1470803

Ion Ratio Lower Upper

112 100

64 54.6 45.7 68.5

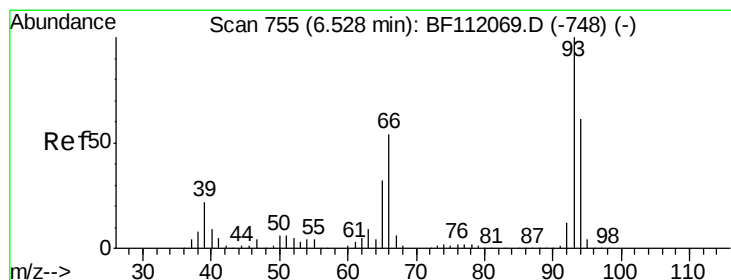
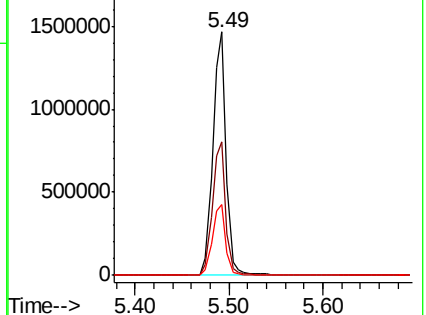
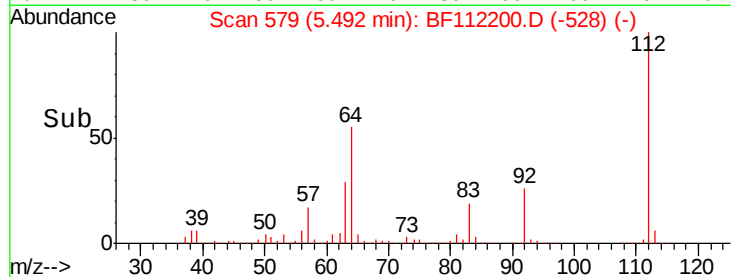
63 29.1 23.6 35.4



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 31.578 ng

RT: 6.52 min Scan# 753

Delta R.T. -0.01 min

Lab File: BF112200.D

Acq: 23 Jan 2019 14:29

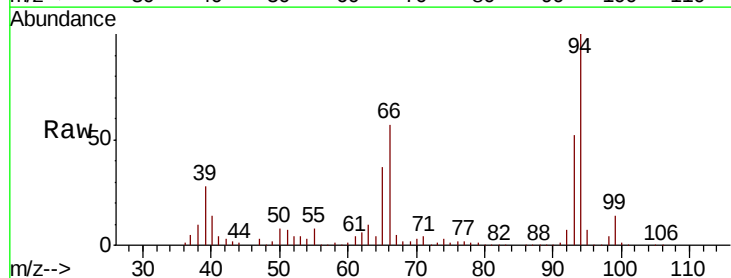
Tgt Ion: 93 Resp: 523259

Ion Ratio Lower Upper

93 100

66 109.5 43.4 65.2#

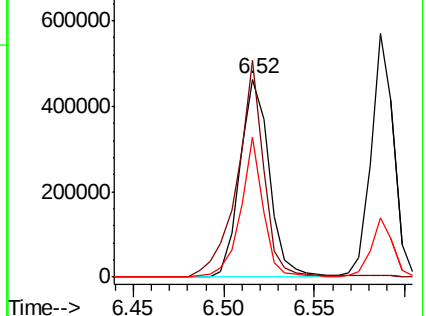
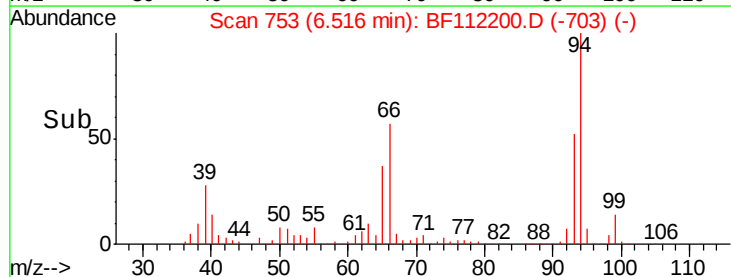
65 70.5 25.3 37.9#

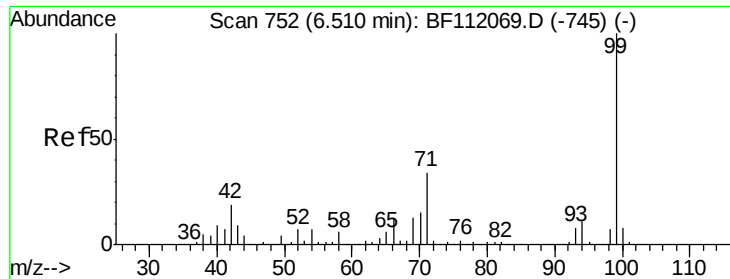


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 135.789 ng

RT: 6.50 min Scan# 751

Delta R.T. 0.00 min

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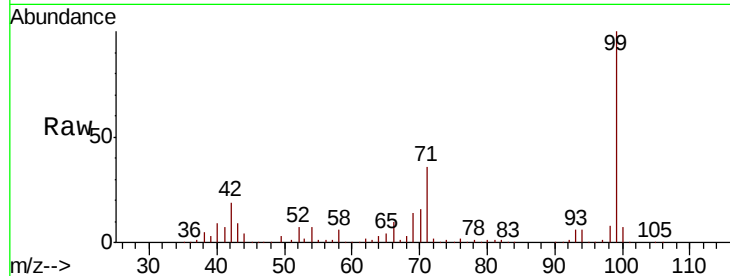
Tot Ion: 99 Resp: 1849993

Ion Ratio Lower Upper

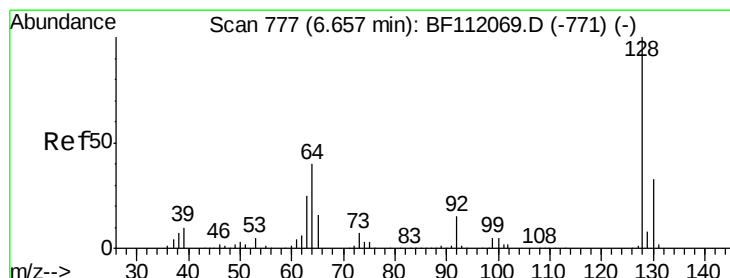
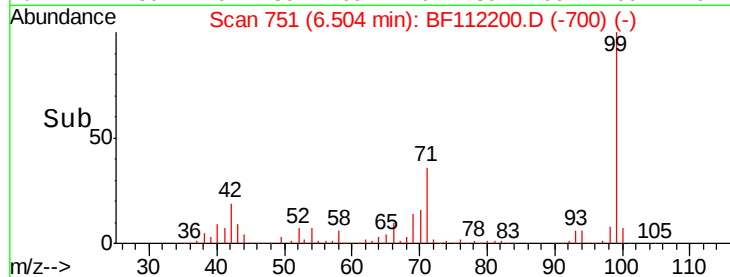
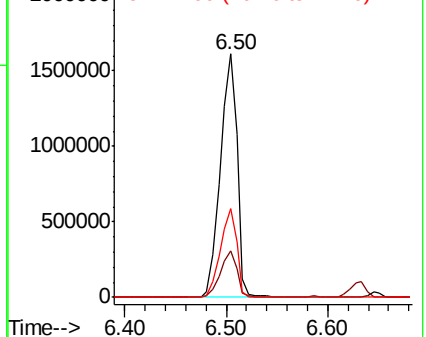
99 100

42 19.1 15.1 22.7

71 36.2 26.9 40.3



Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 44.144 ng

RT: 6.65 min Scan# 775

Delta R.T. -0.01 min

Lab File: BF112200.D

Acq: 23 Jan 2019 14:29

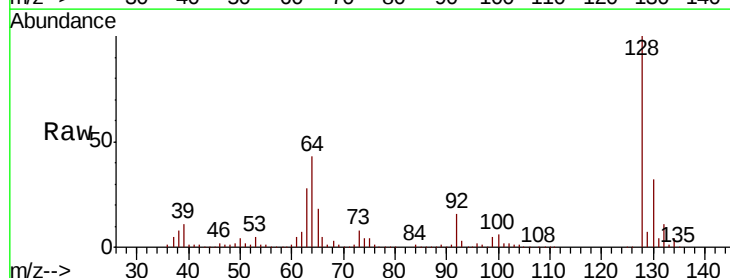
Tgt Ion:128 Resp: 558279

Ion Ratio Lower Upper

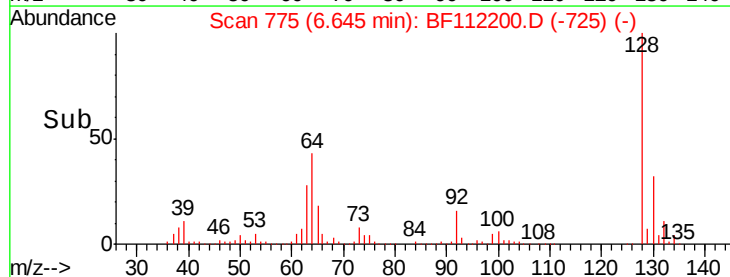
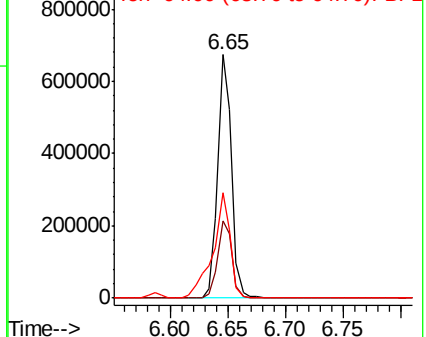
128 100

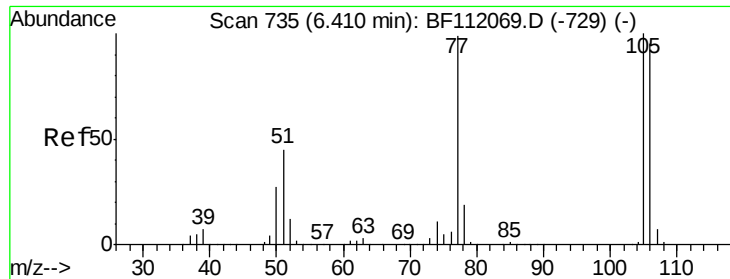
130 31.9 13.4 53.4

64 43.2 20.5 60.5



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 12.294 ng

RT: 6.40 min Scan# 733

Delta R.T. -0.01 min

Lab File: BF112200.D

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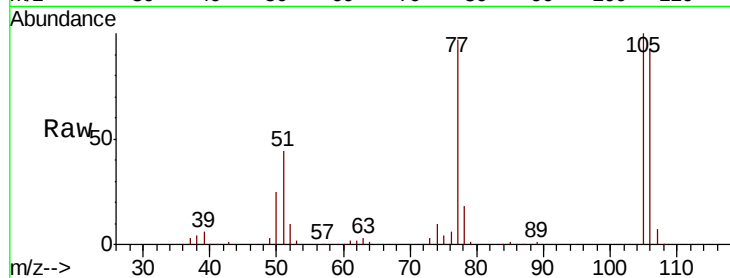
Tot Ion: 77 Resp: 118218

Ion Ratio Lower Upper

77 100

105 103.0 80.8 120.8

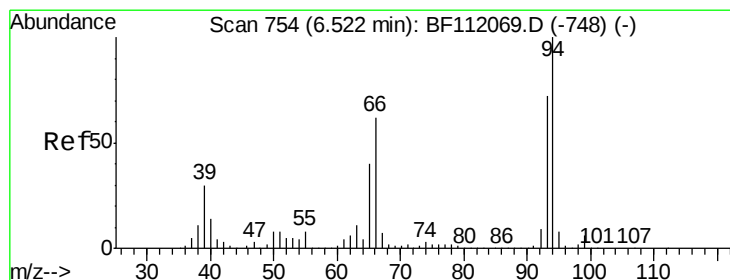
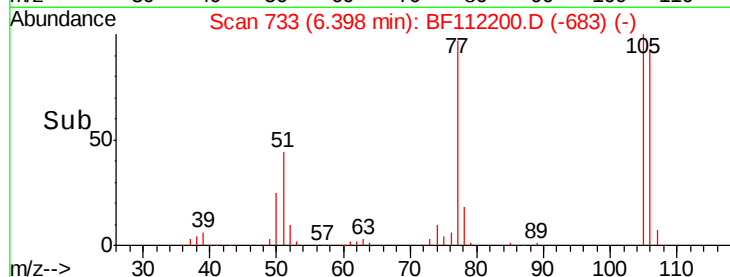
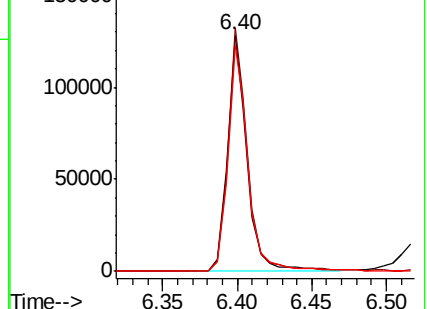
106 95.4 75.7 115.7



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 43.176 ng

RT: 6.52 min Scan# 753

Delta R.T. -0.01 min

Lab File: BF112200.D

Acq: 23 Jan 2019 14:29

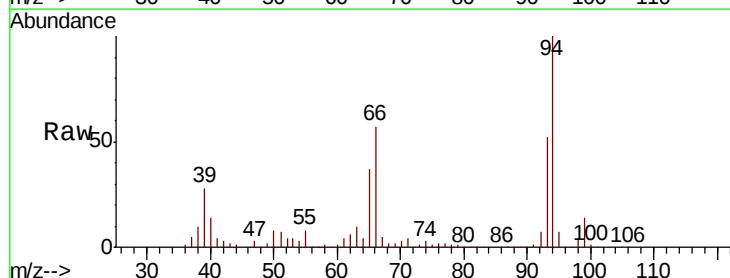
Tgt Ion: 94 Resp: 642873

Ion Ratio Lower Upper

94 100

65 36.9 20.3 60.3

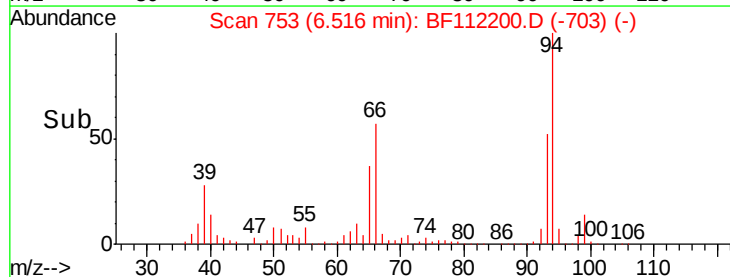
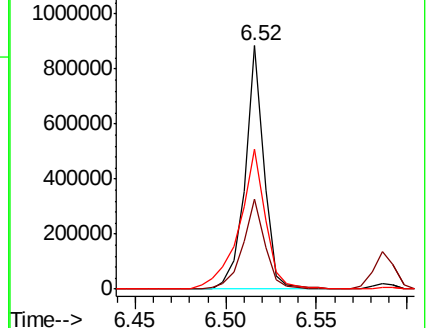
66 57.4 42.4 82.4

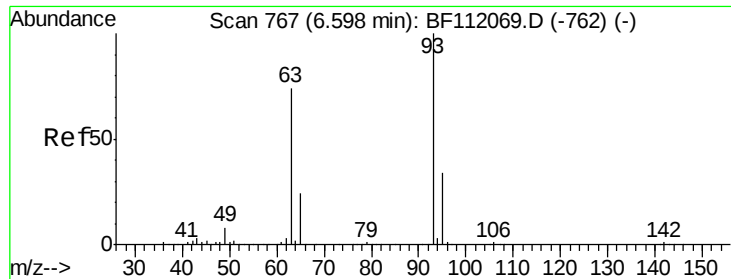


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

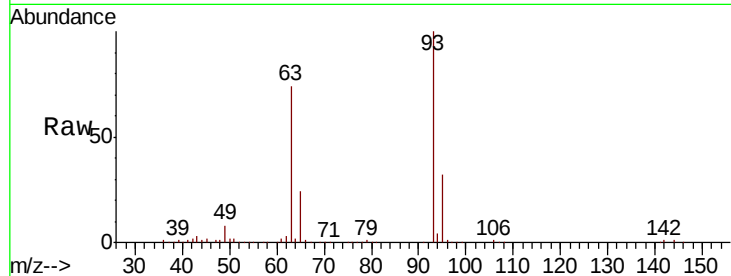




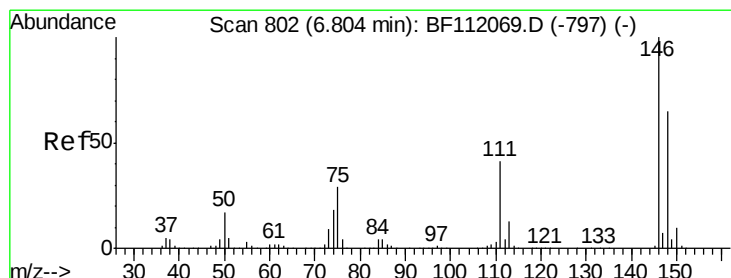
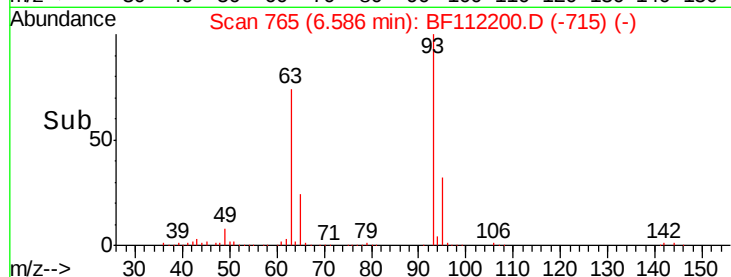
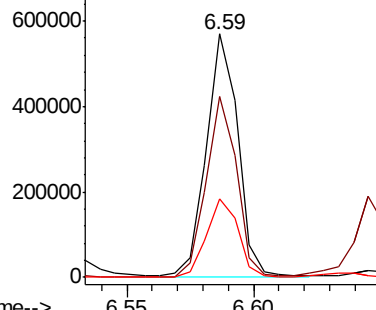
#11
bis(2-Chloroethyl)ether
Concen: 41.741 ng
RT: 6.59 min Scan# 765
Delta R.T. -0.01 min
Lab File: BF112200.D
Acq: 23 Jan 2019 14:29

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
93	100		
63	74.1	53.3	93.3
95	32.5	13.4	53.4

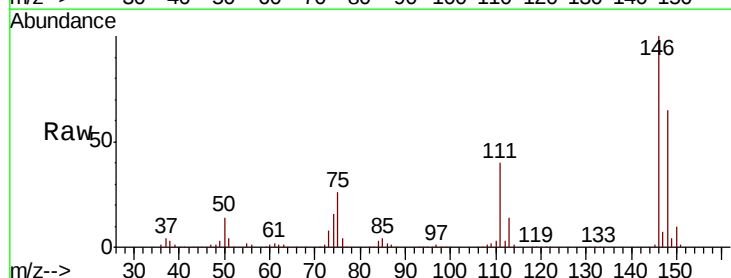


Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 63.00 (62.70 to 63.70): BF1
Ion 95.00 (94.70 to 95.70): BF1

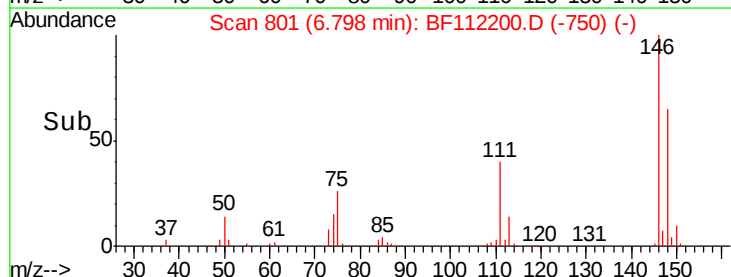
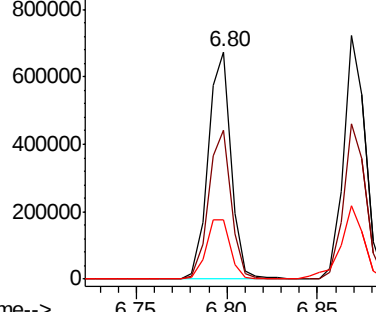


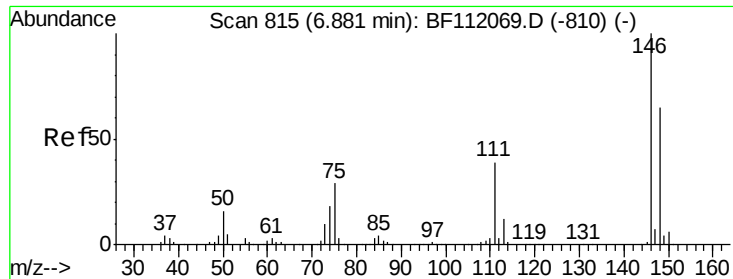
#12
1,3-Dichlorobenzene
Concen: 40.900 ng
RT: 6.80 min Scan# 801
Delta R.T. 0.00 min
Lab File: BF112200.D
Acq: 23 Jan 2019 14:29

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.3	51.8	77.8
75	26.3	23.1	34.7



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

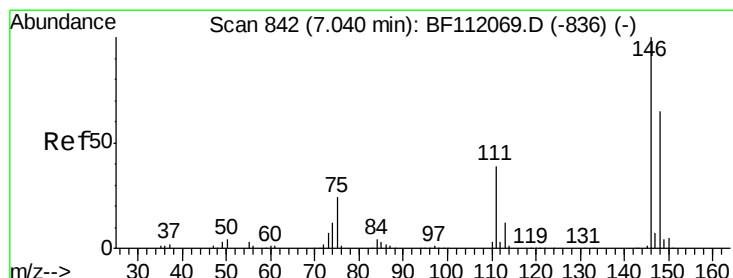
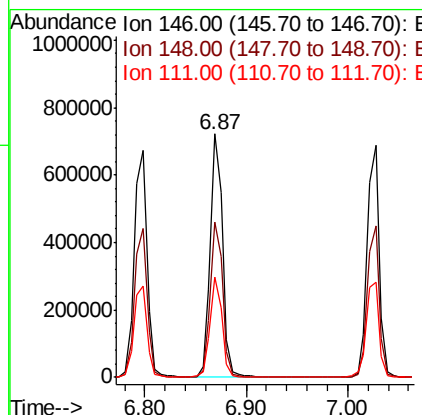
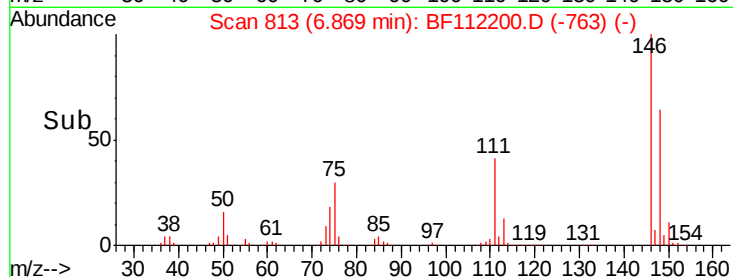
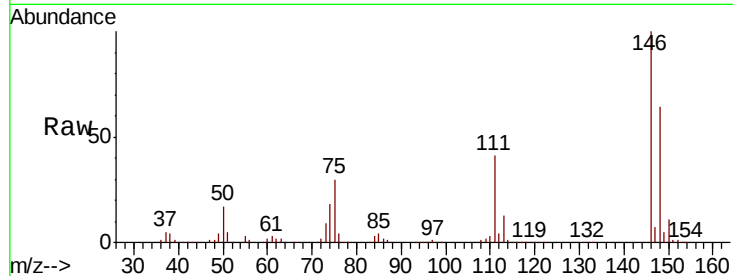




#13
 1,4-Dichlorobenzene
 Concen: 41.055 ng
 RT: 6.87 min Scan# 813
 Delta R.T. -0.01 min
 Lab File: BF112200.D
 Acq: 23 Jan 2019 14:29

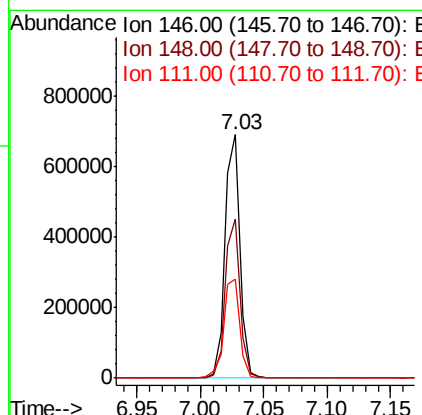
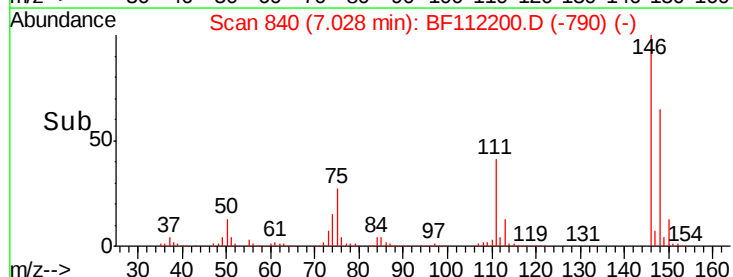
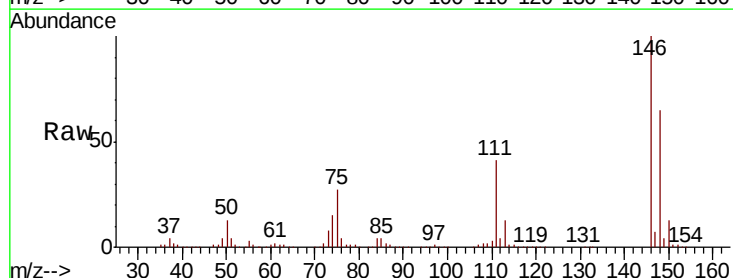
Instrument :
 BNA_F
 ClientSampled :

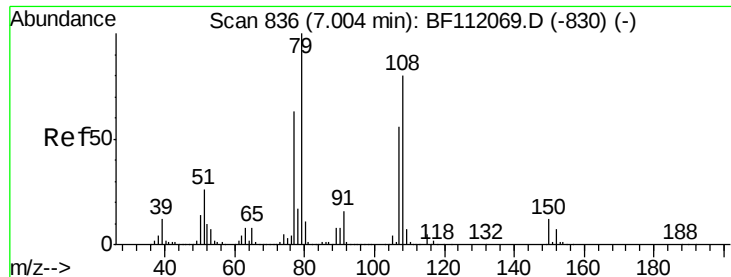
Tot Ion:146 Resp: 606102
 Ion Ratio Lower Upper
 146 100
 148 64.0 52.0 78.0
 111 41.2 31.2 46.8



#14
 1,2-Dichlorobenzene
 Concen: 41.904 ng
 RT: 7.03 min Scan# 840
 Delta R.T. -0.01 min
 Lab File: BF112200.D
 Acq: 23 Jan 2019 14:29

Tgt Ion:146 Resp: 569838
 Ion Ratio Lower Upper
 146 100
 148 65.1 52.2 78.4
 111 40.8 31.2 46.8





#15

Benzyl Alcohol

Concen: 45.901 ng

RT: 7.00 min Scan# 835

Delta R.T. -0.01 min

Lab File: BF112200.D

Acq: 23 Jan 2019 14:29

Instrument :

BNA_F

ClientSampleId :

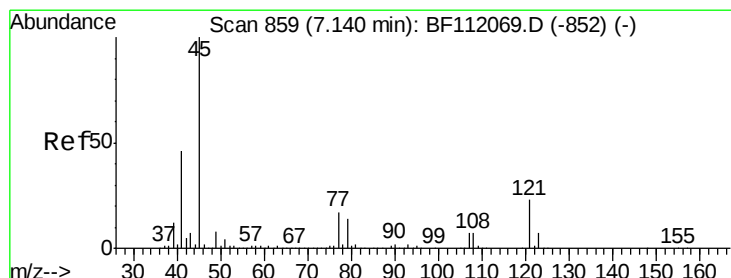
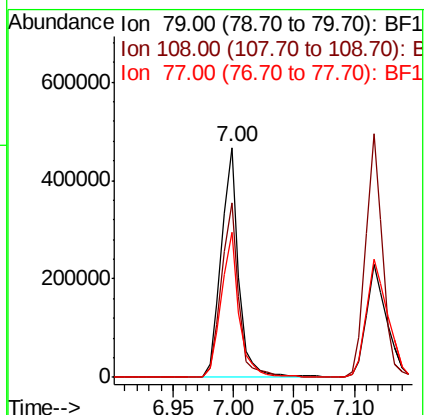
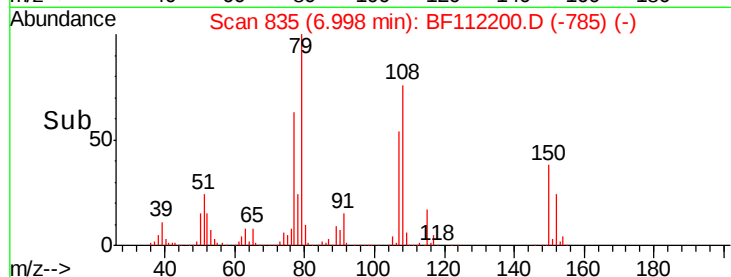
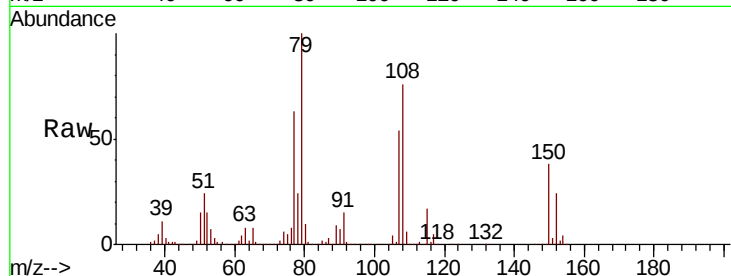
Tot Ion: 79 Resp: 465909

Ion Ratio Lower Upper

79 100

108 75.9 64.2 96.2

77 63.0 50.3 75.5



#16

2,2'-oxybis(1-chloropropane)

Concen: 36.423 ng

RT: 7.13 min Scan# 857

Delta R.T. -0.01 min

Lab File: BF112200.D

Acq: 23 Jan 2019 14:29

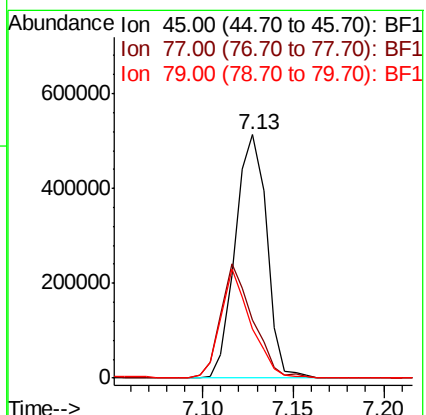
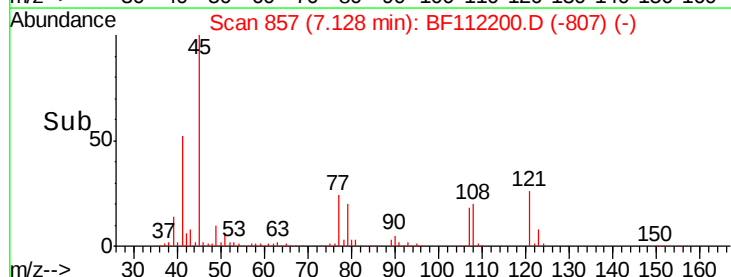
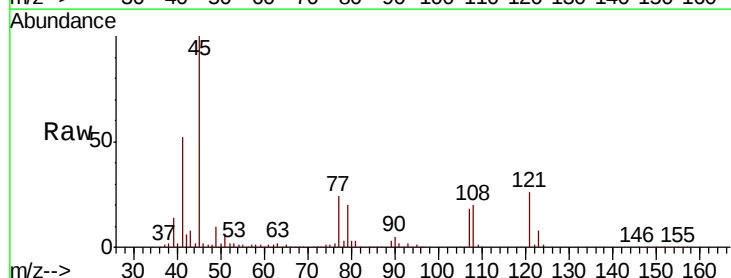
Tgt Ion: 45 Resp: 621838

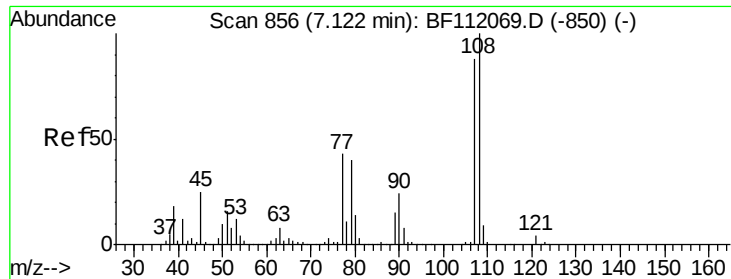
Ion Ratio Lower Upper

45 100

77 24.0 0.0 36.9

79 20.2 0.0 34.0

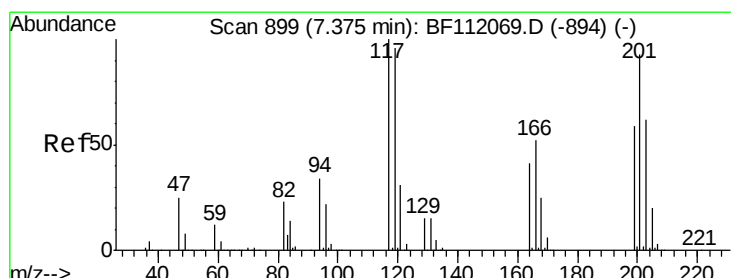
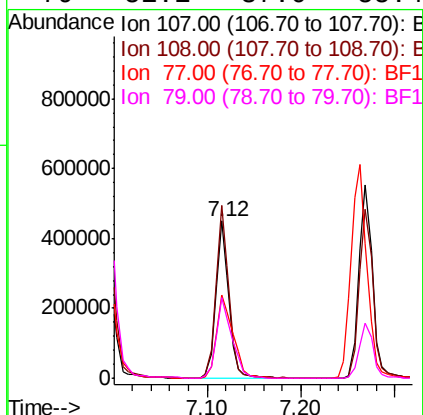
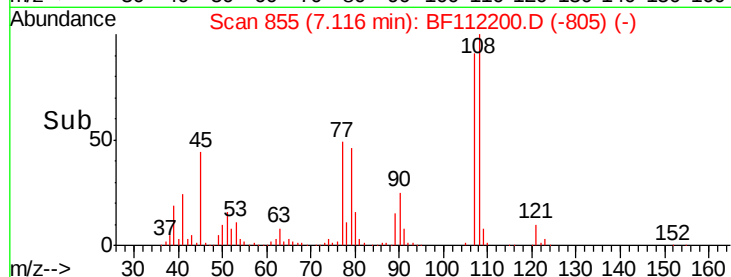
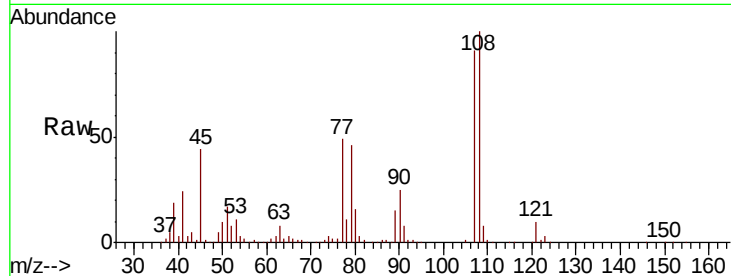




#17
2-Methylphenol
Concen: 46.431 ng
RT: 7.12 min Scan# 855
Delta R.T. -0.01 min
Lab File: BF112200.D
Acq: 23 Jan 2019 14:29

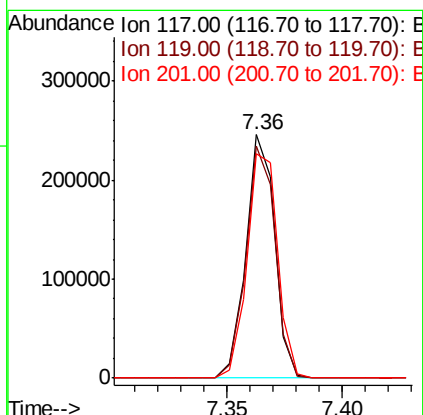
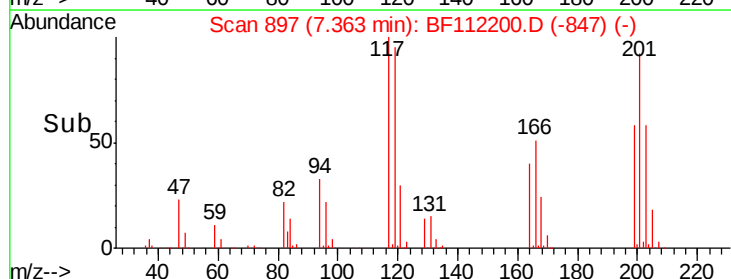
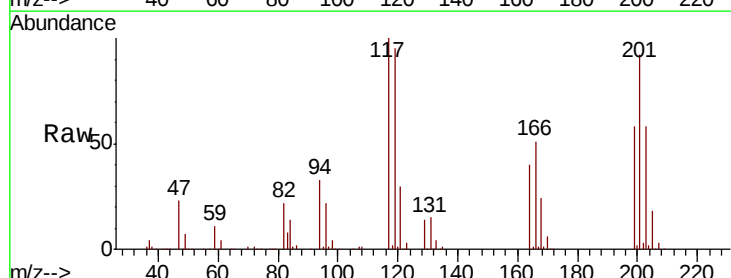
Instrument :
BNA_F
ClientSampleId :

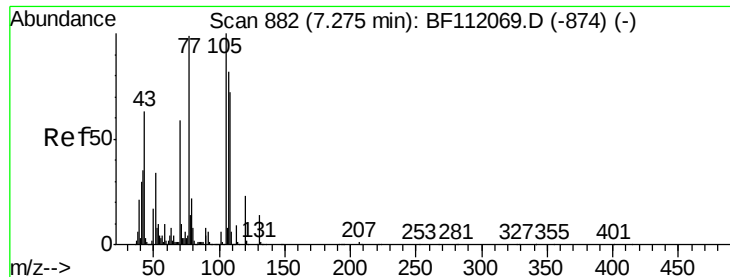
Tot Ion:107 Resp: 440981
Ion Ratio Lower Upper
107 100
108 110.1 91.3 136.9
77 53.4 39.0 58.6
79 51.1 37.0 55.4



#18
Hexachloroethane
Concen: 43.617 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.01 min
Lab File: BF112200.D
Acq: 23 Jan 2019 14:29

Tgt Ion:117 Resp: 214916
Ion Ratio Lower Upper
117 100
119 95.3 77.0 115.4
201 91.9 74.1 111.1

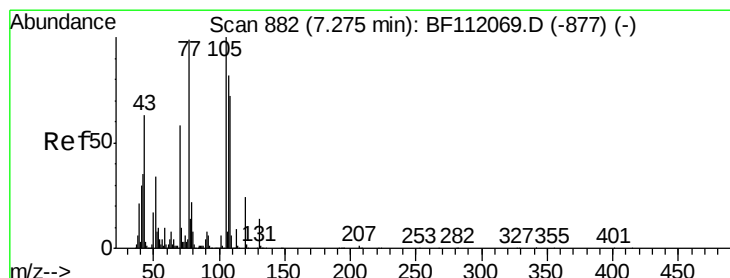
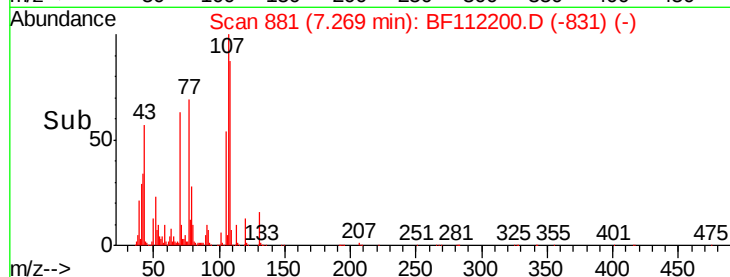
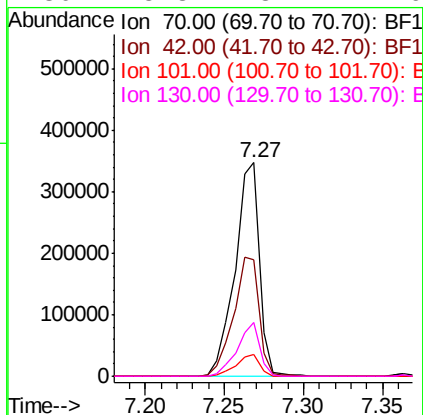
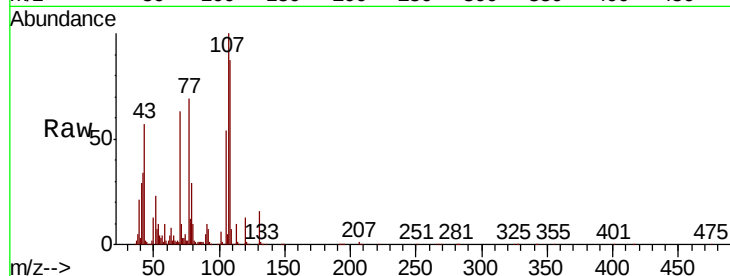




#19
n-Nitroso-di-n-propylamine
Concen: 44.624 ng
RT: 7.27 min Scan# 881
Delta R.T. -0.01 min
Lab File: BF112200.D
Acq: 23 Jan 2019 14:29

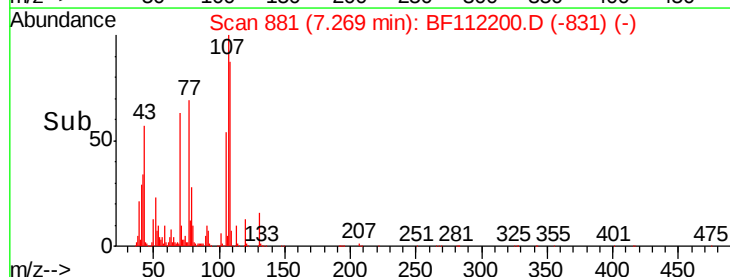
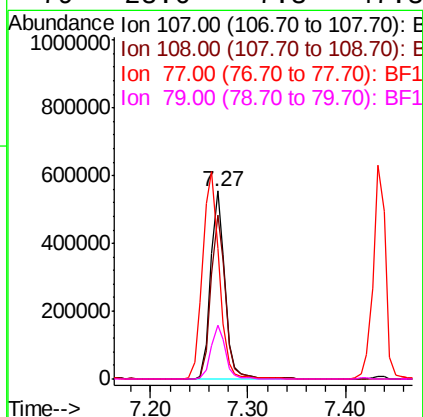
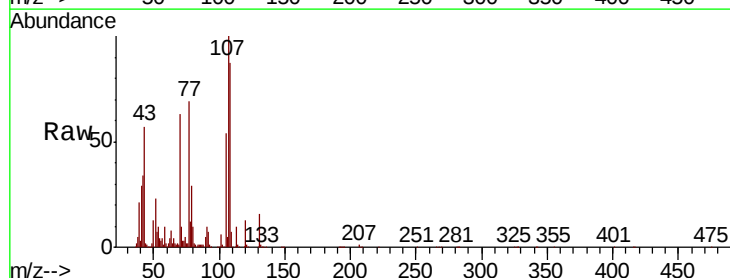
Instrument :
BNA_F
ClientSampleId :

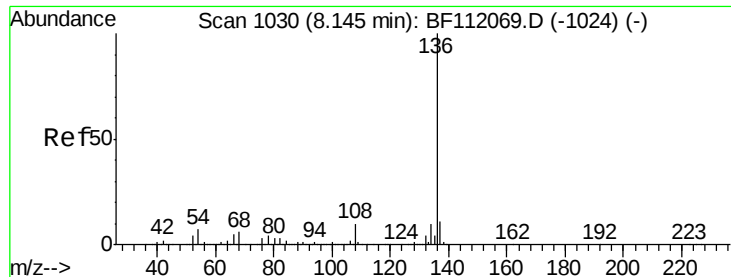
Tot Ion:	70	Resp:	370372
Ion	Ratio	Lower	Upper
70	100		
42	54.3	47.6	71.4
101	10.1	7.9	11.9
130	25.3	18.4	27.6



#20
3+4-Methylphenols
Concen: 48.755 ng
RT: 7.27 min Scan# 881
Delta R.T. -0.01 min
Lab File: BF112200.D
Acq: 23 Jan 2019 14:29

Tgt Ion:	107	Resp:	561448
Ion	Ratio	Lower	Upper
107	100		
108	87.4	68.2	108.2
77	69.5	100.7	140.7
79	28.6	7.3	47.3

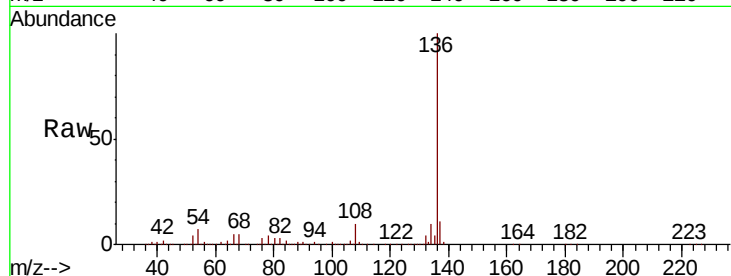




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.13 min Scan# 1028
Delta R.T. -0.01 min
Lab File: BF112200.D
Acq: 23 Jan 2019 14:29

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	765843
Ion Ratio	Lower	Upper
136 100		
137 11.0	9.1	13.7
54 6.8	5.9	8.9
68 5.0	5.1	7.7#



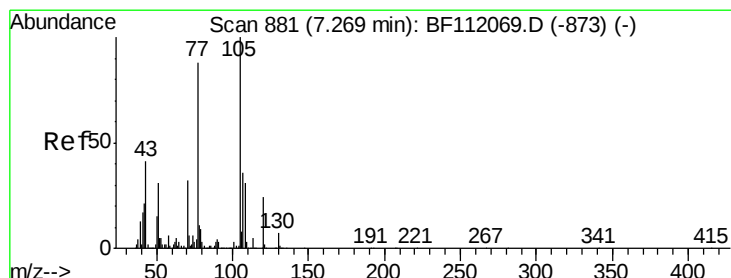
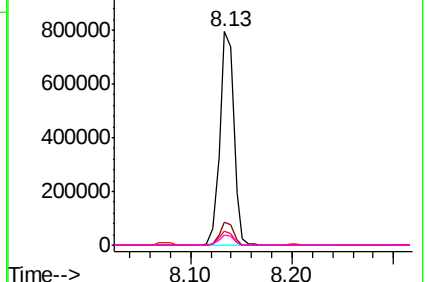
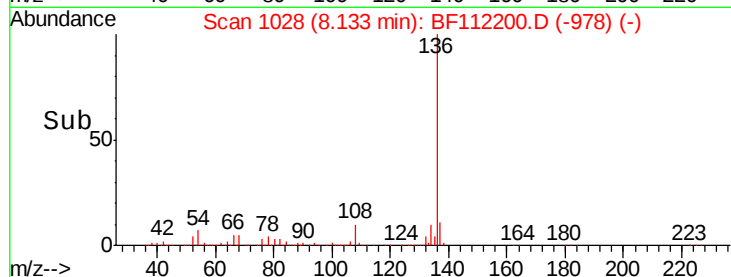
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

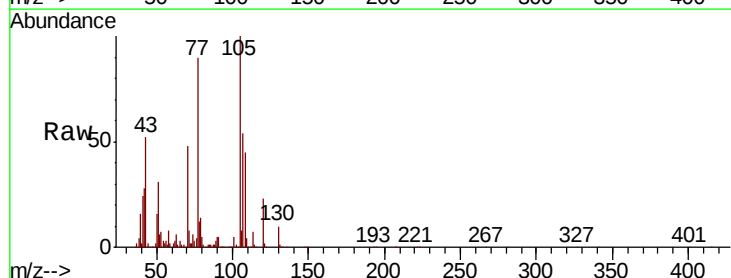
Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22
Acetophenone
Concen: 41.457 ng
RT: 7.26 min Scan# 880
Delta R.T. -0.01 min
Lab File: BF112200.D
Acq: 23 Jan 2019 14:29

Tgt	Ion:105	Resp:	735549
Ion	Ratio	Lower	Upper
105	100		
71	8.2	4.6	6.8#
51	30.8	25.0	37.6
120	22.7	19.0	28.4



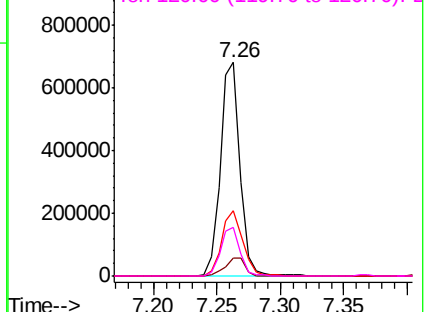
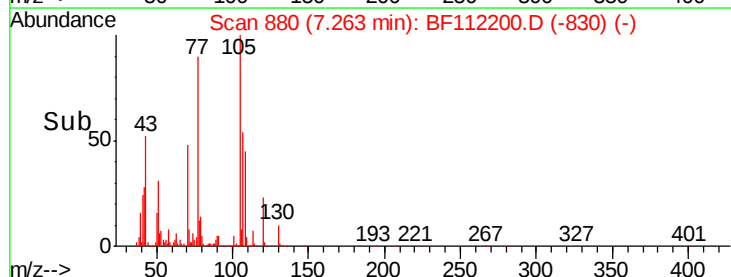
Abundance

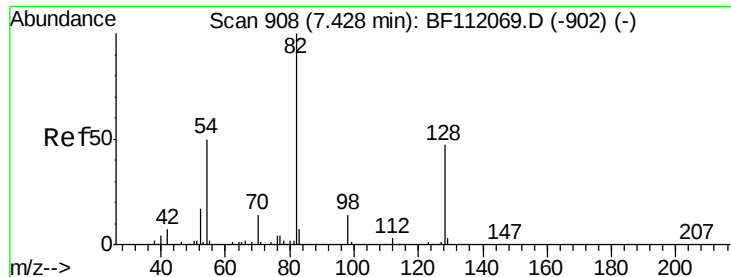
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E





#23

Nitrobenzene-d5

Concen: 108.187 ng

RT: 7.42 min Scan# 906

Delta R.T. -0.01 min

Lab File: BF112200.D

Acq: 23 Jan 2019 14:29

Instrument :

BNA_F

ClientSampled :

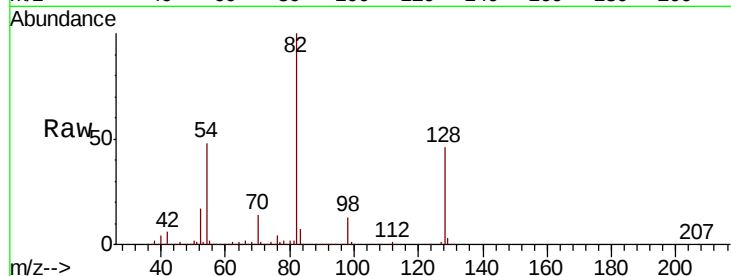
Tot Ion: 82 Resp: 1199245

Ion Ratio Lower Upper

82 100

128 45.7 37.8 56.8

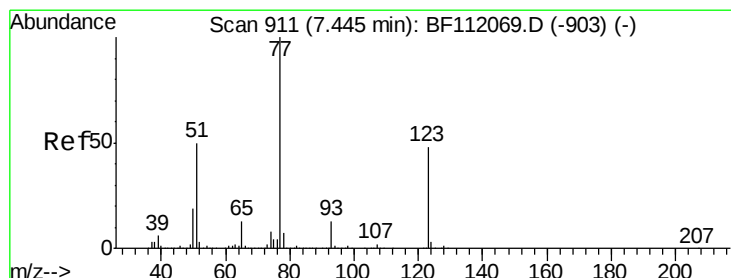
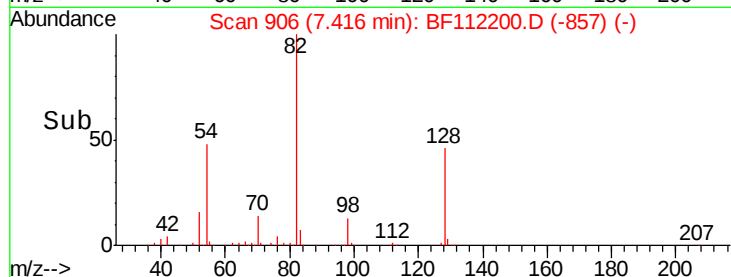
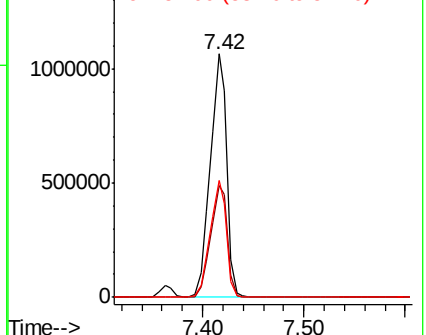
54 48.3 39.7 59.5



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): BF1

Ion 54.00 (53.70 to 54.70): BF1



#24

Nitrobenzene

Concen: 47.306 ng

RT: 7.43 min Scan# 909

Delta R.T. -0.01 min

Lab File: BF112200.D

Acq: 23 Jan 2019 14:29

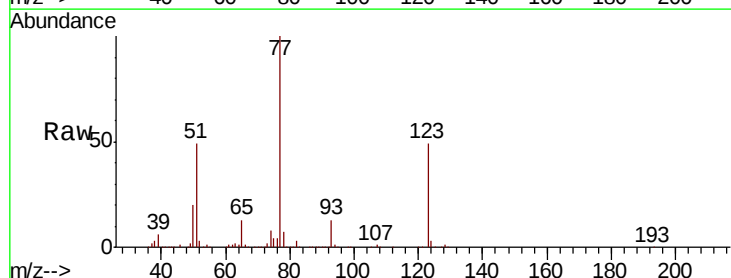
Tgt Ion: 77 Resp: 555747

Ion Ratio Lower Upper

77 100

123 49.3 38.4 57.6

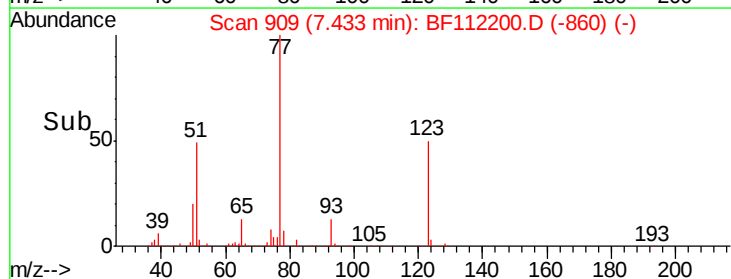
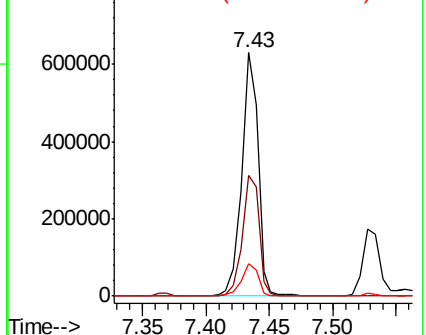
65 13.4 10.6 15.8

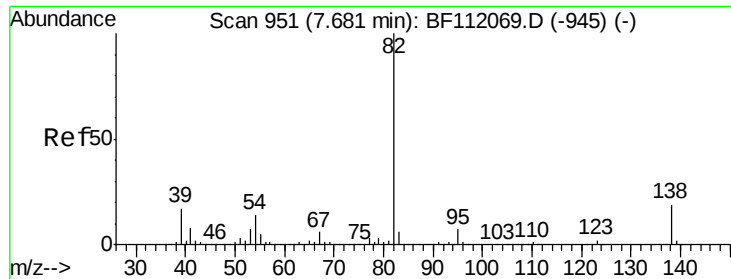


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 123.00 (122.70 to 123.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 46.919 ng

RT: 7.67 min Scan# 950

Delta R.T. -0.01 min

Lab File: BF112200.D

Acq: 23 Jan 2019 14:29

Instrument :

BNA_F

ClientSampleId :

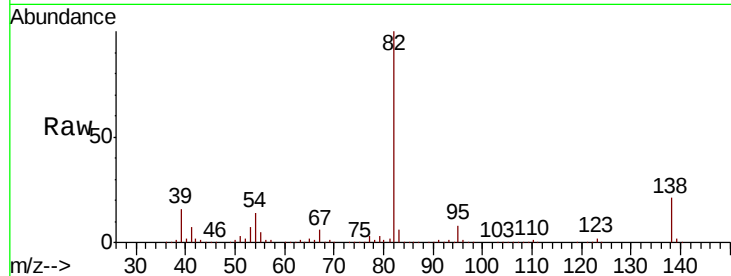
Tot Ion: 82 Resp: 1004583

Ion Ratio Lower Upper

82 100

95 7.7 5.7 8.5

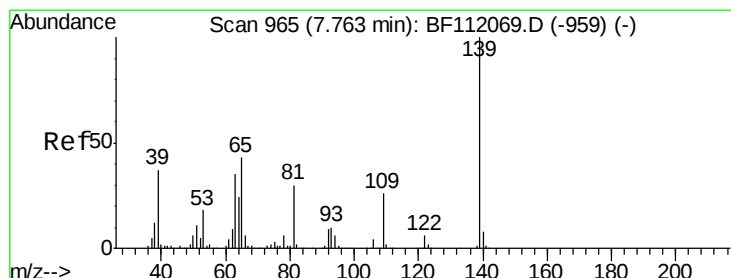
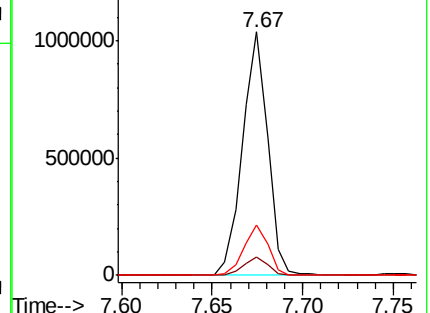
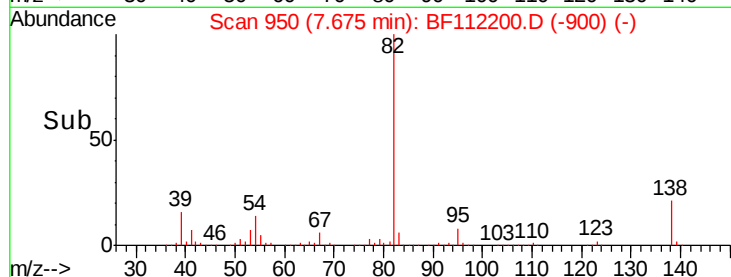
138 20.9 15.4 23.0



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 50.312 ng

RT: 7.75 min Scan# 963

Delta R.T. -0.01 min

Lab File: BF112200.D

Acq: 23 Jan 2019 14:29

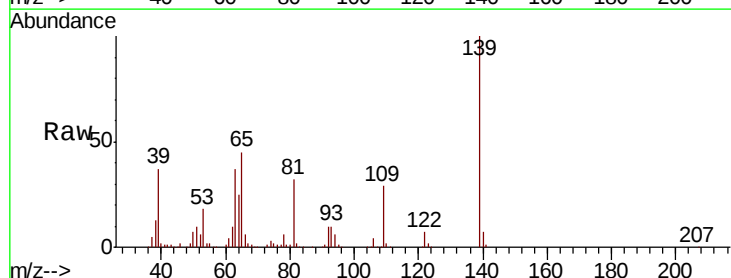
Tgt Ion: 139 Resp: 305457

Ion Ratio Lower Upper

139 100

109 28.7 20.8 31.2

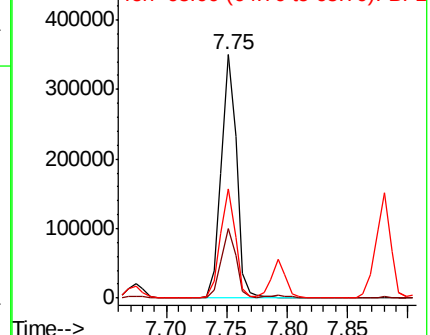
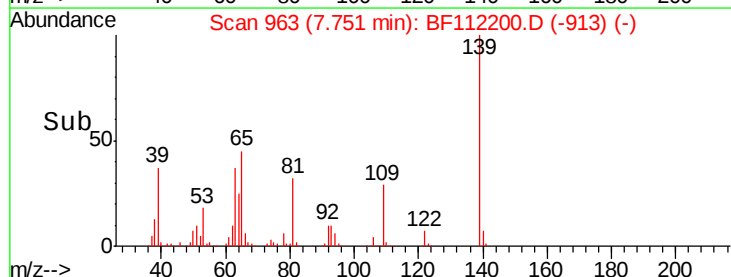
65 44.9 34.4 51.6

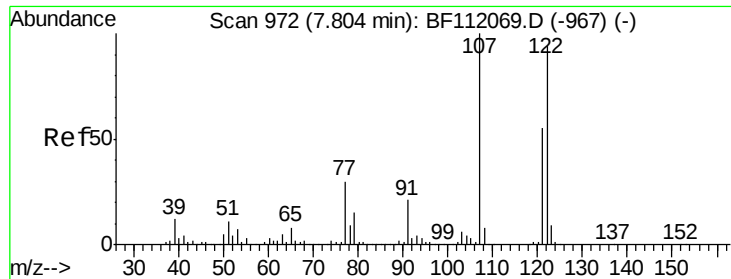


Abundance Ion 139.00 (138.70 to 139.70): BF1

Ion 109.00 (108.70 to 109.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

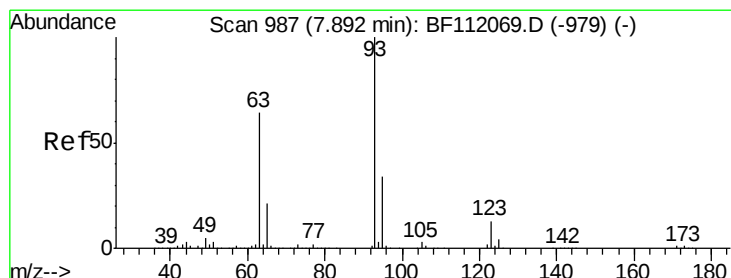
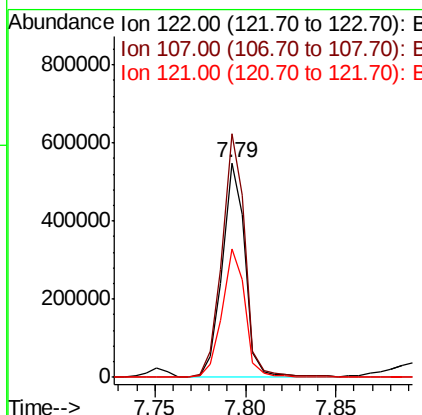
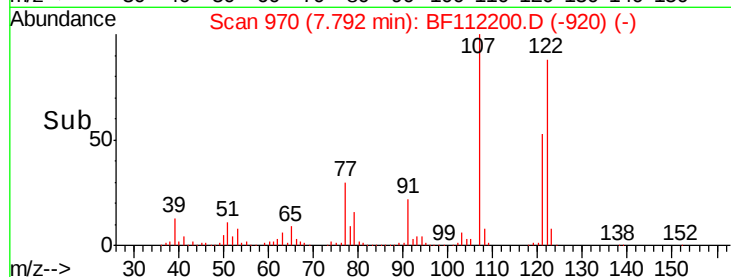
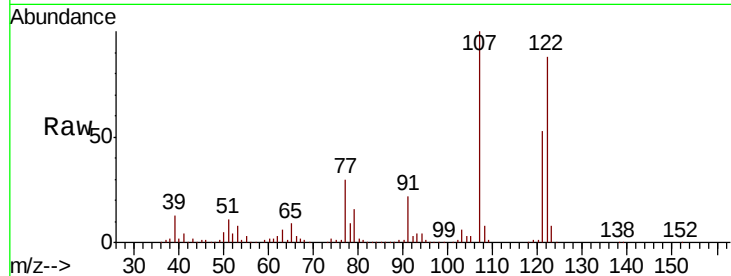




#27
2,4-Dimethylphenol
Concen: 48.693 ng
RT: 7.79 min Scan# 970
Delta R.T. -0.01 min
Lab File: BF112200.D
Acq: 23 Jan 2019 14:29

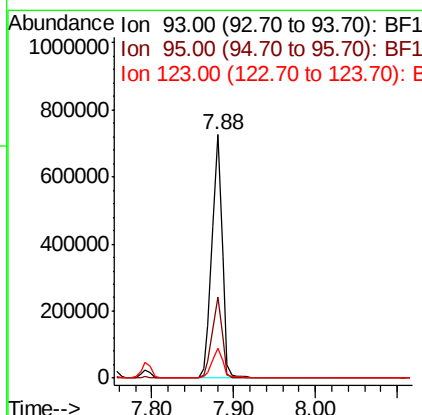
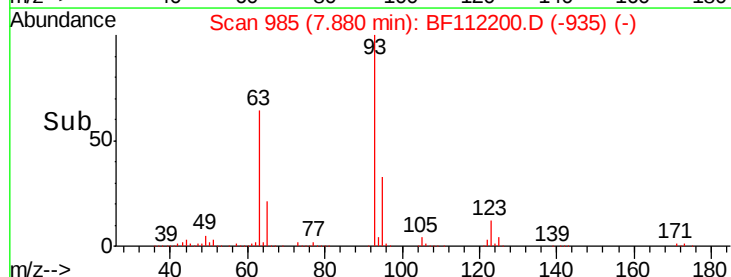
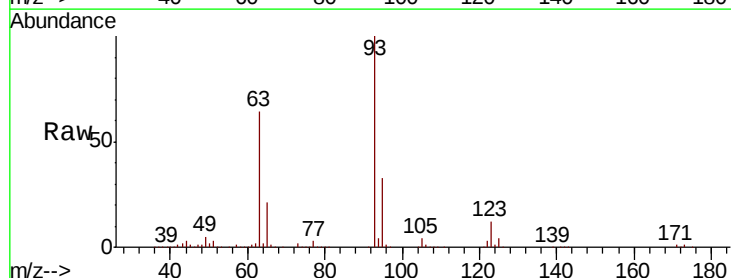
Instrument :
BNA_F
ClientSampleId :

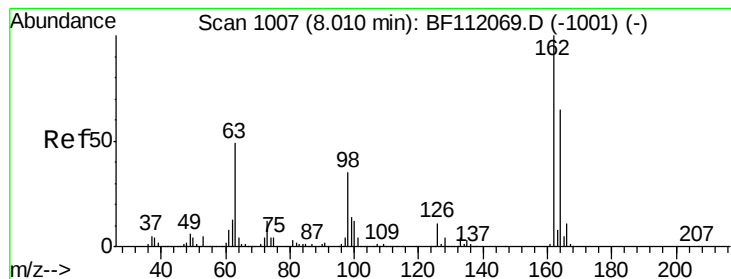
Tot Ion:122 Resp: 483938
Ion Ratio Lower Upper
122 100
107 113.5 85.4 128.0
121 59.9 47.0 70.4



#28
bis(2-Chloroethoxy)methane
Concen: 43.266 ng
RT: 7.88 min Scan# 985
Delta R.T. -0.01 min
Lab File: BF112200.D
Acq: 23 Jan 2019 14:29

Tgt Ion: 93 Resp: 635439
Ion Ratio Lower Upper
93 100
95 33.4 26.8 40.2
123 12.5 10.2 15.2





#29

2,4-Dichlorophenol

Concen: 45.338 ng

RT: 8.00 min Scan# 1005

Delta R.T. -0.01 min

Lab File: BF112200.D

Acq: 23 Jan 2019 14:29

Instrument :

BNA_F

ClientSampleId :

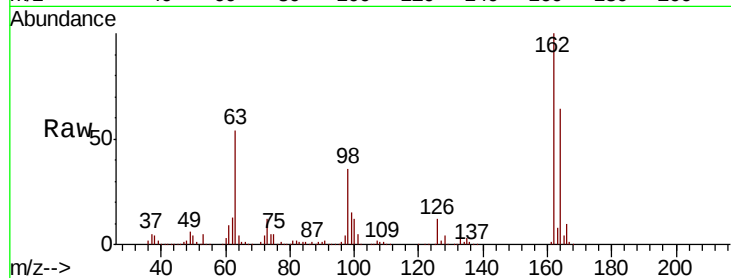
Tot Ion:162 Resp: 492225

Ion Ratio Lower Upper

162 100

164 63.8 44.6 84.6

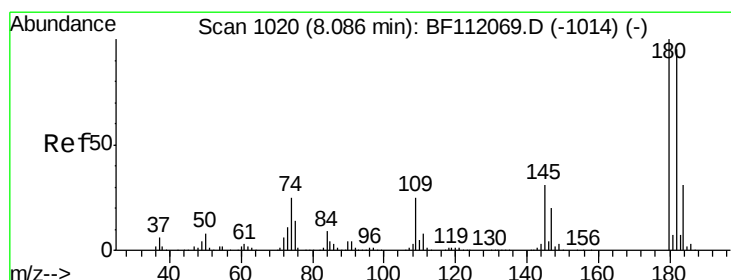
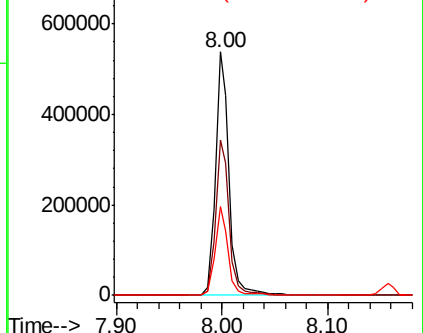
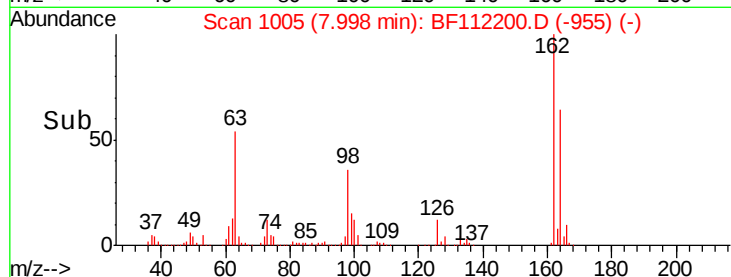
98 36.4 14.6 54.6



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30

1,2,4-Trichlorobenzene

Concen: 41.566 ng

RT: 8.08 min Scan# 1019

Delta R.T. -0.01 min

Lab File: BF112200.D

Acq: 23 Jan 2019 14:29

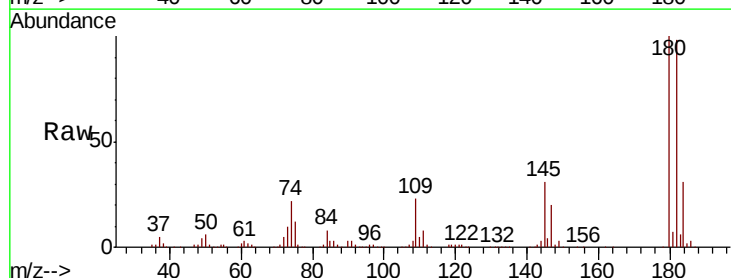
Tgt Ion:180 Resp: 523716

Ion Ratio Lower Upper

180 100

182 97.9 76.4 114.6

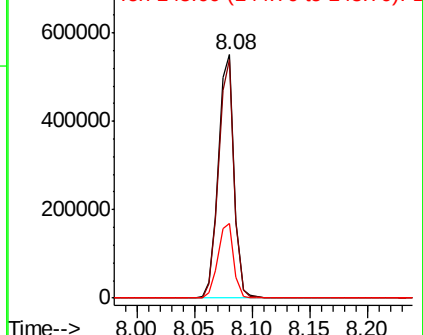
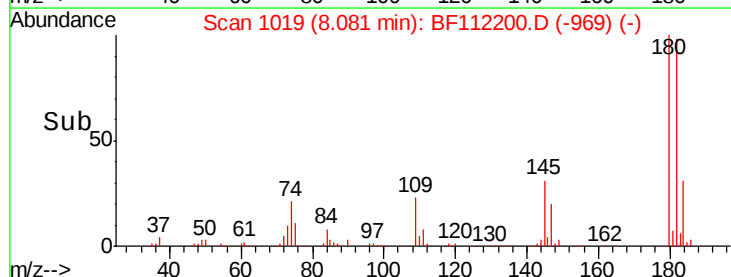
145 30.7 25.0 37.4

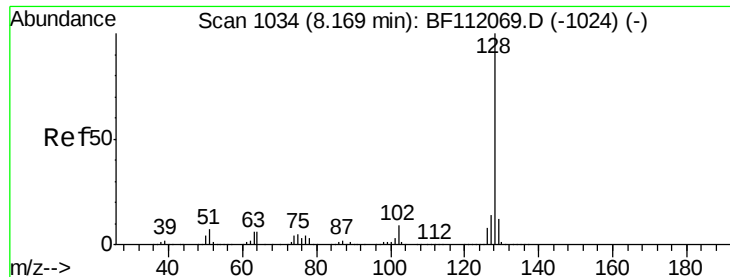


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

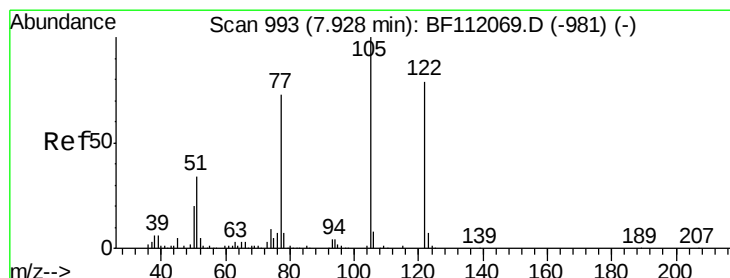
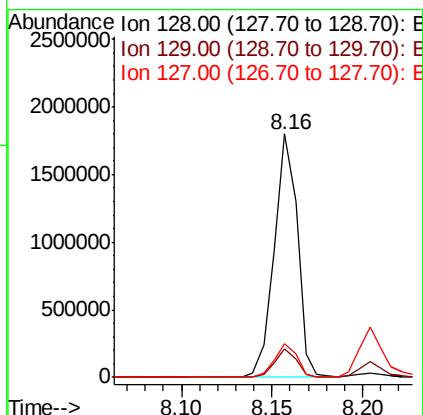
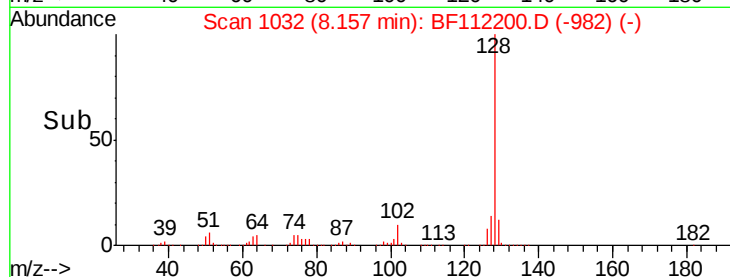
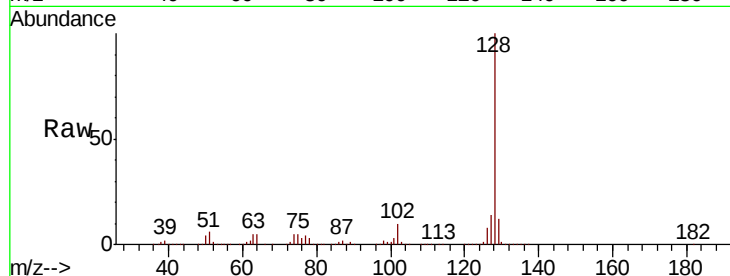




#31
Naphthalene
Concen: 45.932 ng
RT: 8.16 min Scan# 1032
Delta R.T. -0.01 min
Lab File: BF112200.D
Acq: 23 Jan 2019 14:29

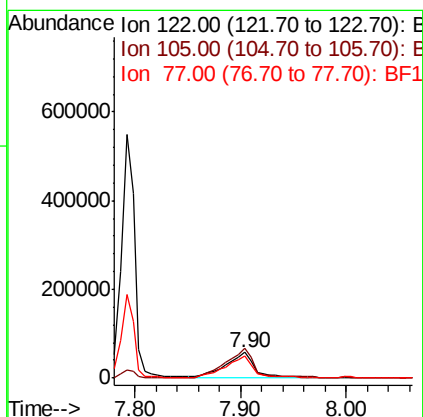
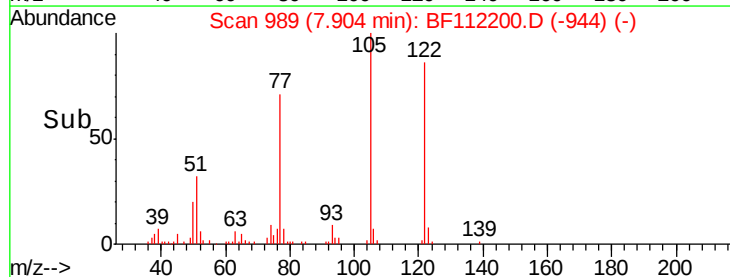
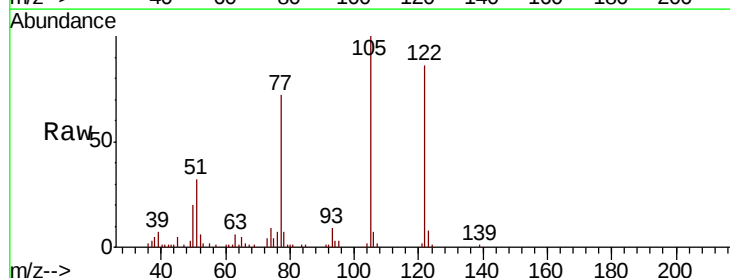
Instrument :
BNA_F
ClientSampled :

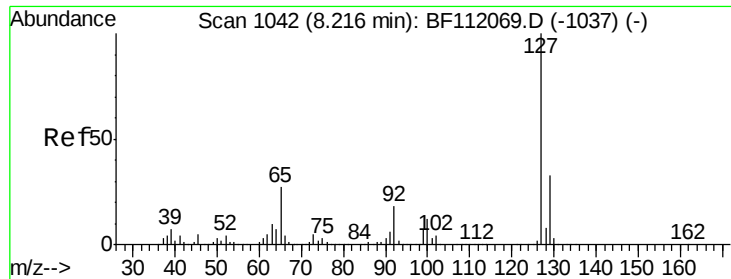
Tot Ion:128 Resp: 1599933
Ion Ratio Lower Upper
128 100
129 11.6 9.6 14.4
127 13.8 11.1 16.7



#32
Benzoic acid
Concen: 28.677 ng
RT: 7.90 min Scan# 989
Delta R.T. -0.04 min
Lab File: BF112200.D
Acq: 23 Jan 2019 14:29

Tgt Ion:122 Resp: 103004
Ion Ratio Lower Upper
122 100
105 116.5 101.2 141.2
77 83.7 70.4 110.4

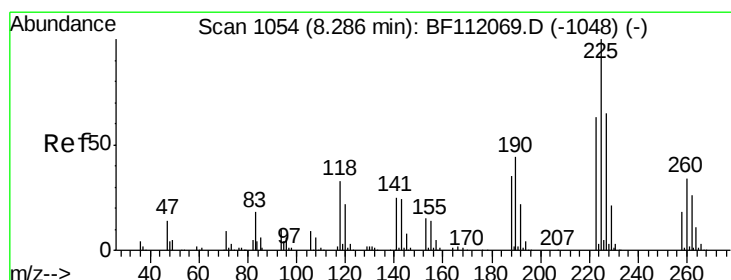
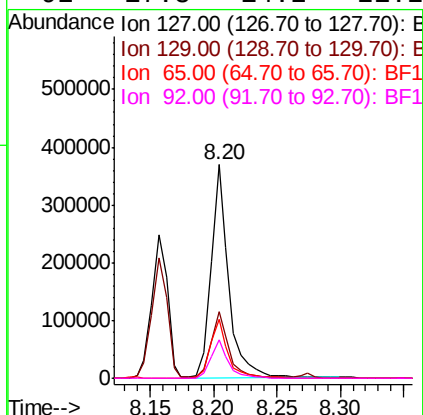
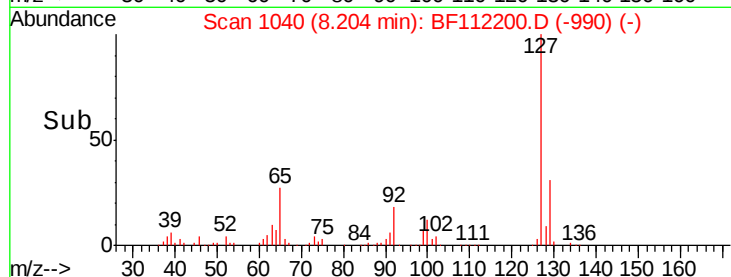
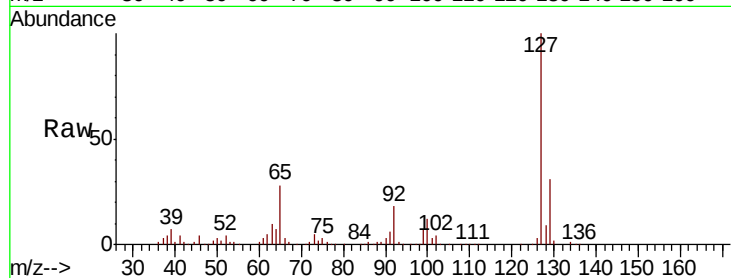




#33
4-Chloroaniline
Concen: 23.058 ng
RT: 8.20 min Scan# 1040
Delta R.T. -0.01 min
Lab File: BF112200.D
Acq: 23 Jan 2019 14:29

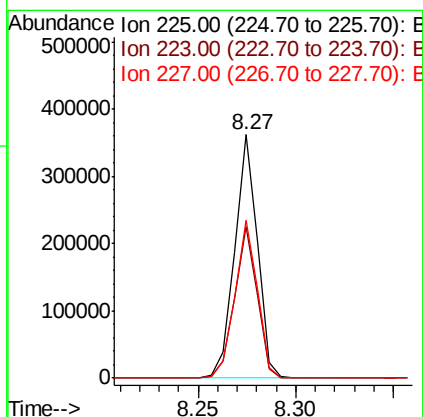
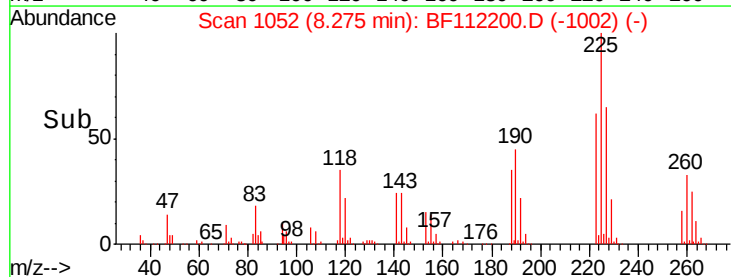
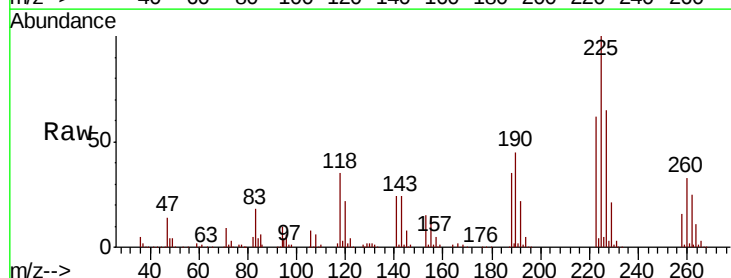
Instrument :
BNA_F
ClientSampleId :

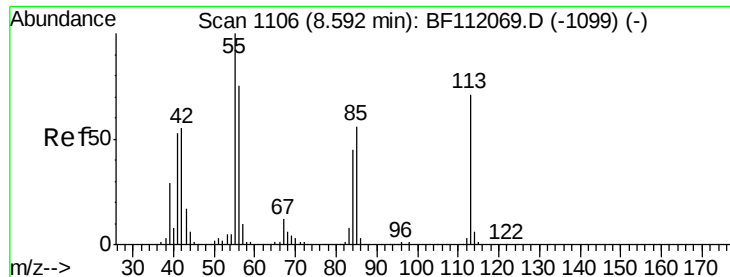
Tot Ion:	127	Resp:	360962
Ion	Ratio	Lower	Upper
127	100		
129	31.3	26.6	39.8
65	27.6	21.4	32.2
92	17.8	14.2	21.2



#34
Hexachlorobutadiene
Concen: 41.373 ng
RT: 8.27 min Scan# 1052
Delta R.T. -0.01 min
Lab File: BF112200.D
Acq: 23 Jan 2019 14:29

Tgt Ion:	225	Resp:	290094
Ion	Ratio	Lower	Upper
225	100		
223	62.0	50.3	75.5
227	64.8	51.8	77.8





#35

Caprolactam

Concen: 24.378 ng

RT: 8.57 min Scan# 1103

Delta R.T. -0.02 min

Lab File: BF112200.D

Acq: 23 Jan 2019 14:29

Instrument :

BNA_F

ClientSampleId :

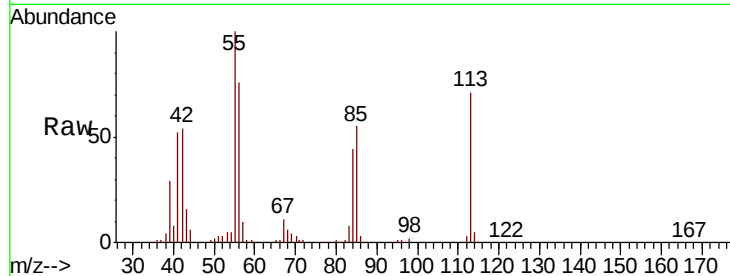
Tot Ion:113 Resp: 92631

Ion Ratio Lower Upper

113 100

55 141.1 121.6 161.6

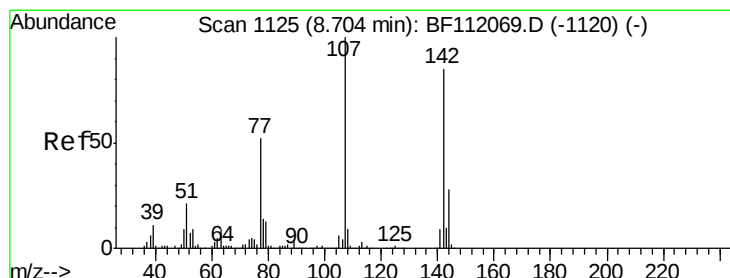
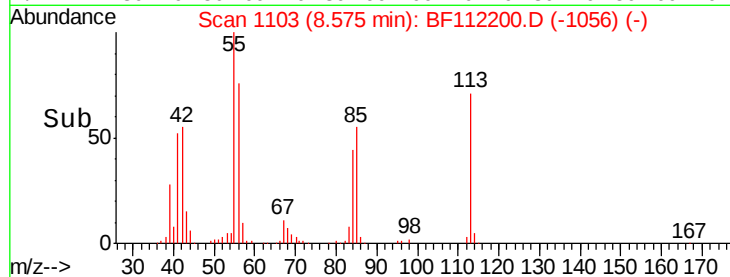
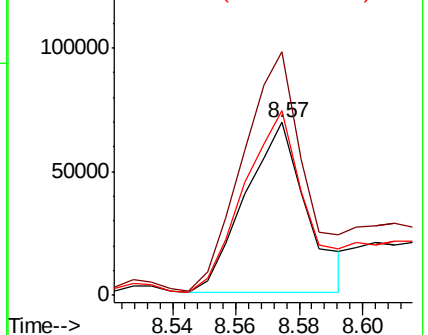
56 107.3 86.7 126.7



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36

4-Chloro-3-methylphenol

Concen: 47.870 ng

RT: 8.70 min Scan# 1124

Delta R.T. -0.01 min

Lab File: BF112200.D

Acq: 23 Jan 2019 14:29

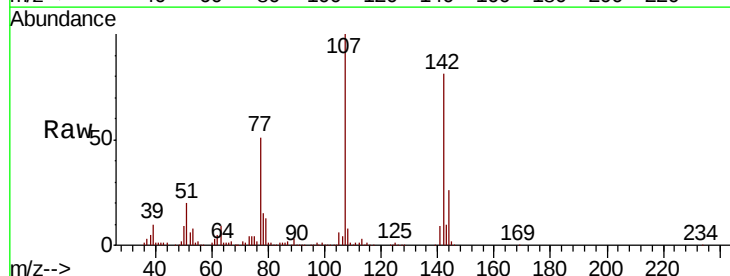
Tgt Ion:107 Resp: 507604

Ion Ratio Lower Upper

107 100

144 26.2 22.2 33.2

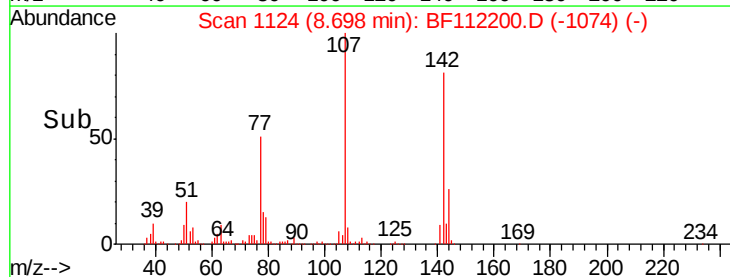
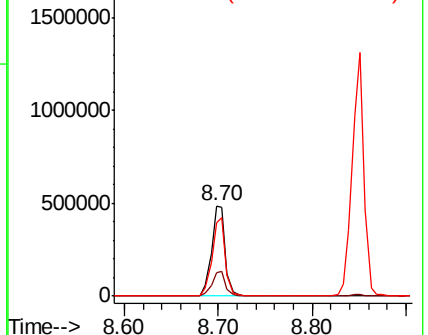
142 80.9 67.7 101.5

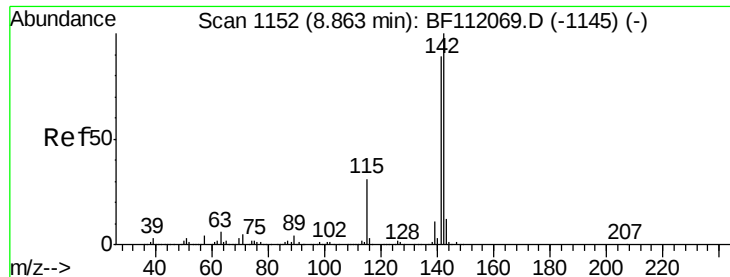


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

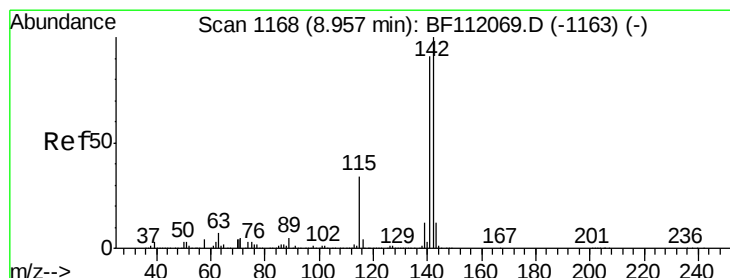
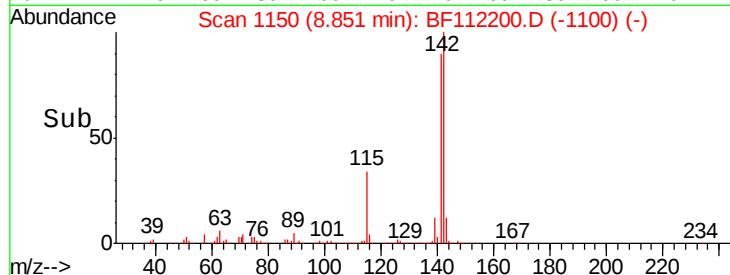
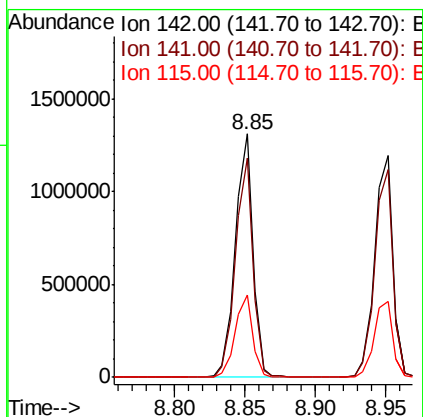
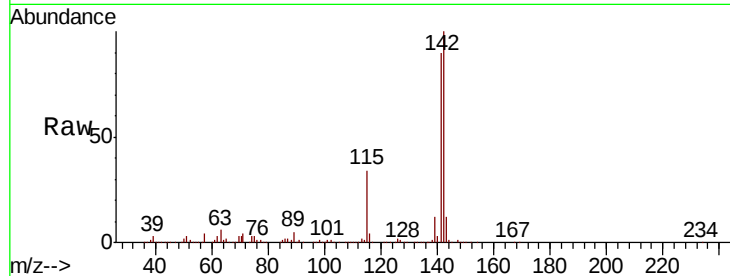




#37
2-Methylnaphthalene
Concen: 48.547 ng
RT: 8.85 min Scan# 1150
Delta R.T. -0.01 min
Lab File: BF112200.D
Acq: 23 Jan 2019 14:29

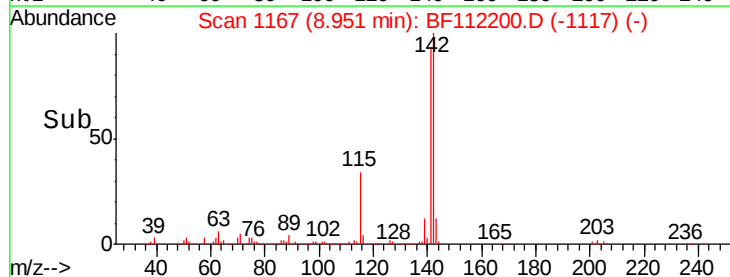
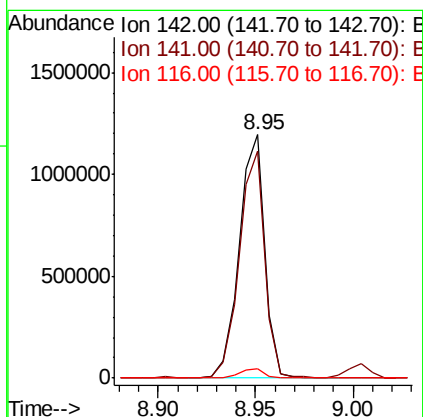
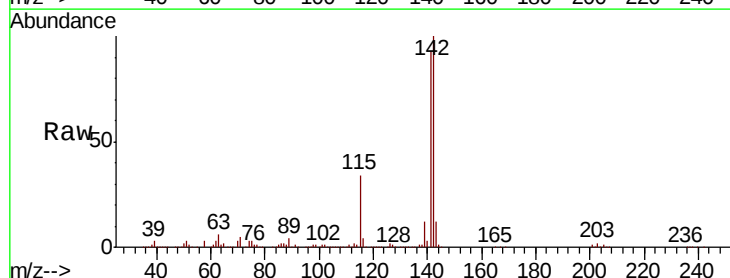
Instrument :
BNA_F
ClientSampleId :

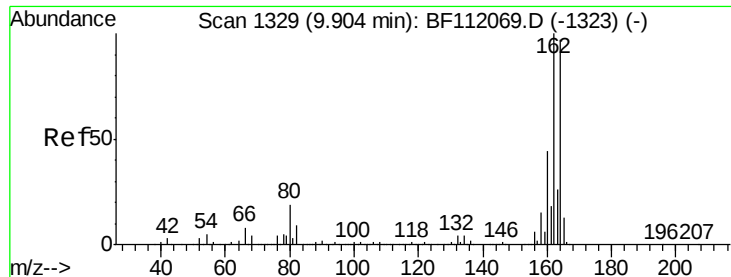
Tot Ion:142 Resp: 1148286
Ion Ratio Lower Upper
142 100
141 89.9 70.9 106.3
115 33.9 24.9 37.3



#38
1-Methylnaphthalene
Concen: 47.076 ng
RT: 8.95 min Scan# 1167
Delta R.T. -0.01 min
Lab File: BF112200.D
Acq: 23 Jan 2019 14:29

Tgt Ion:142 Resp: 1070131
Ion Ratio Lower Upper
142 100
141 93.4 72.6 108.8
116 3.7 2.8 4.2

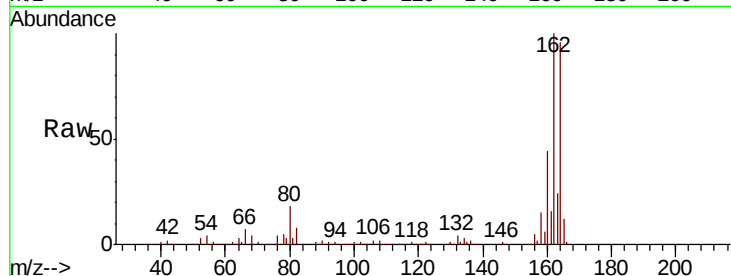




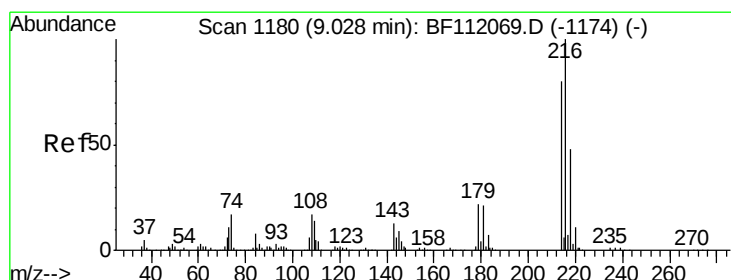
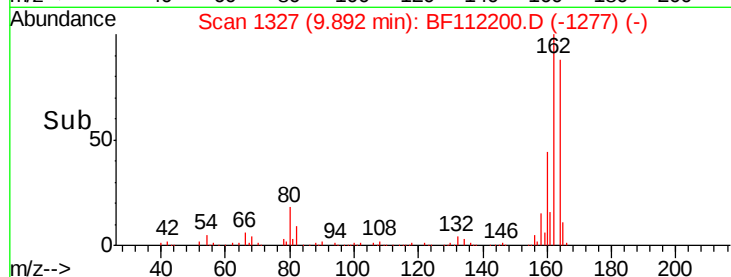
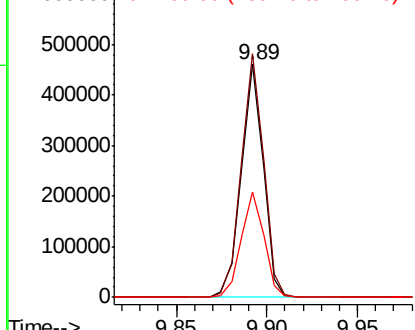
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.89 min Scan# 1327
Delta R.T. -0.01 min
Lab File: BF112200.D
Acq: 23 Jan 2019 14:29

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 389334
Ion Ratio Lower Upper
164 100
162 104.5 82.2 123.4
160 45.5 36.2 54.4

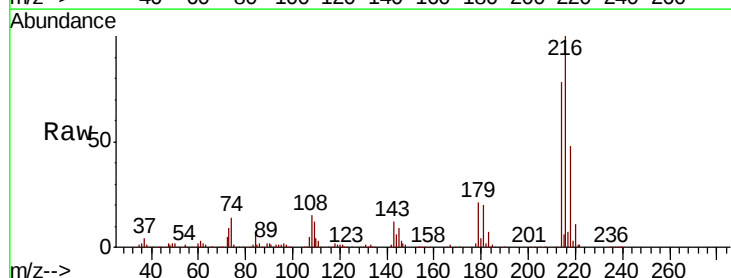


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

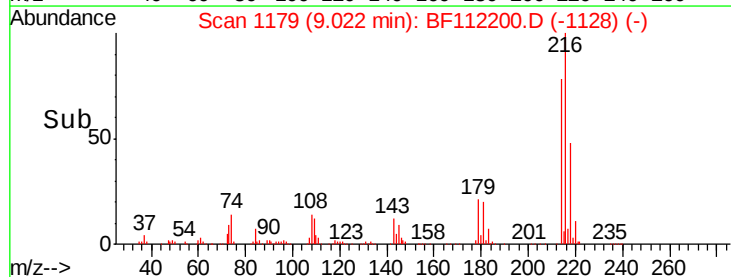
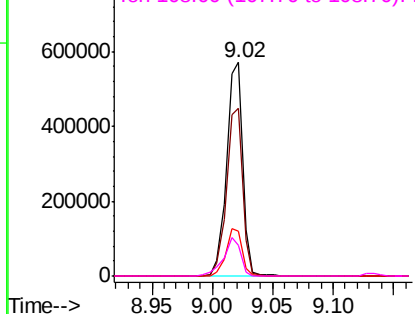


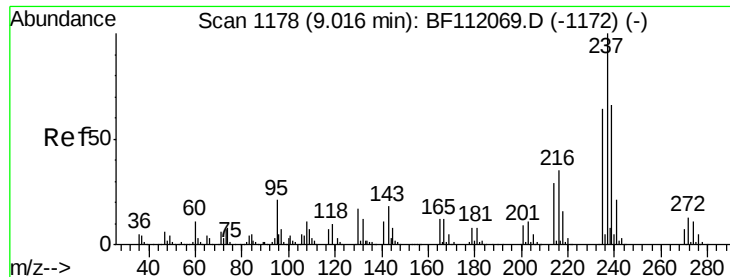
#40
1,2,4,5-Tetrachlorobenzene
Concen: 42.194 ng
RT: 9.02 min Scan# 1179
Delta R.T. 0.00 min
Lab File: BF112200.D
Acq: 23 Jan 2019 14:29

Tgt Ion:216 Resp: 527510
Ion Ratio Lower Upper
216 100
214 79.1 63.8 95.6
179 22.0 16.9 25.3
108 19.6 14.2 21.4



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





#41

Hexachlorocyclopentadiene

Concen: 81.212 ng

RT: 9.00 min Scan# 1176

Delta R.T. -0.01 min

Lab File: BF112200.D

Acq: 23 Jan 2019 14:29

Instrument :

BNA_F

ClientSampleId :

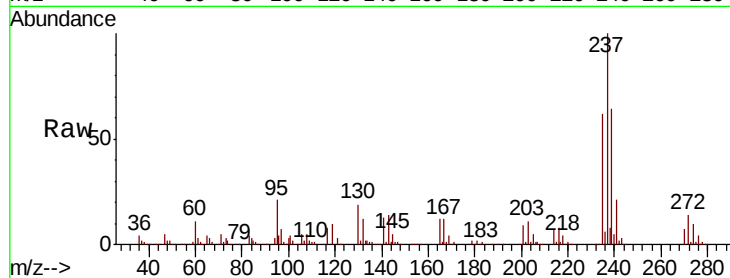
Tot Ion:237 Resp: 406334

Ion Ratio Lower Upper

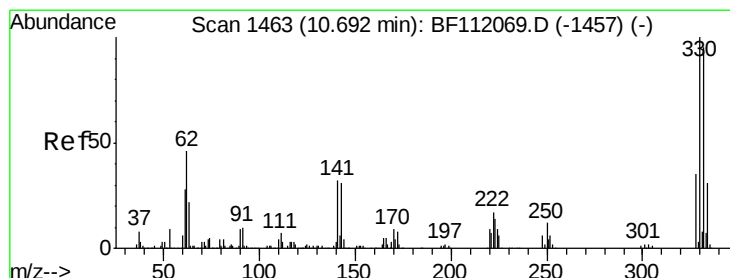
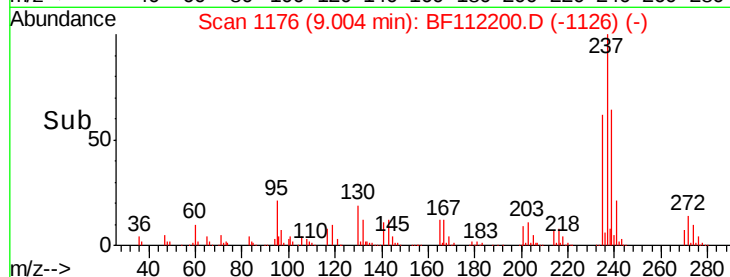
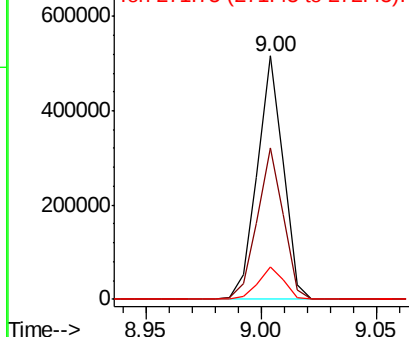
237 100

235 62.3 44.0 84.0

272 13.6 0.0 33.3



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



#42

2,4,6-Tribromophenol

Concen: 155.376 ng

RT: 10.69 min Scan# 1462

Delta R.T. -0.01 min

Lab File: BF112200.D

Acq: 23 Jan 2019 14:29

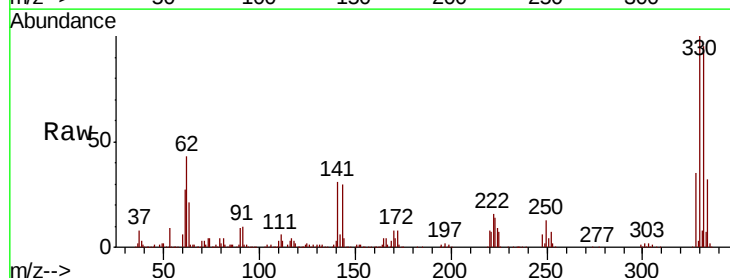
Tgt Ion:330 Resp: 652589

Ion Ratio Lower Upper

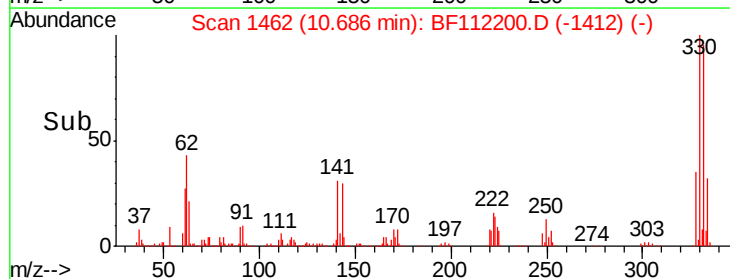
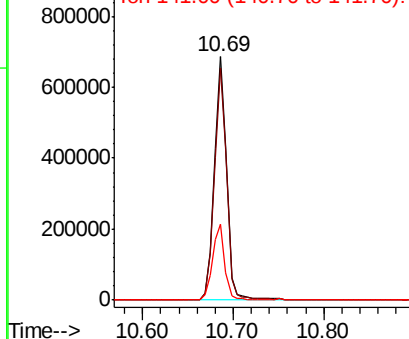
330 100

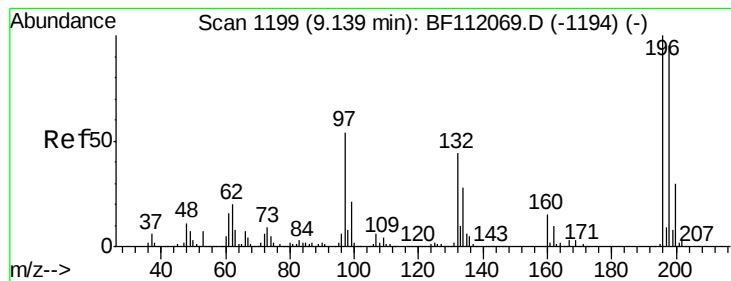
332 95.2 76.6 114.8

141 31.2 24.3 36.5



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





#43

2,4,6-Trichlorophenol

Concen: 47.260 ng

RT: 9.13 min Scan# 1198

Delta R.T. -0.01 min

Lab File: BF112200.D

Acq: 23 Jan 2019 14:29

Instrument :

BNA_F

ClientSampleId :

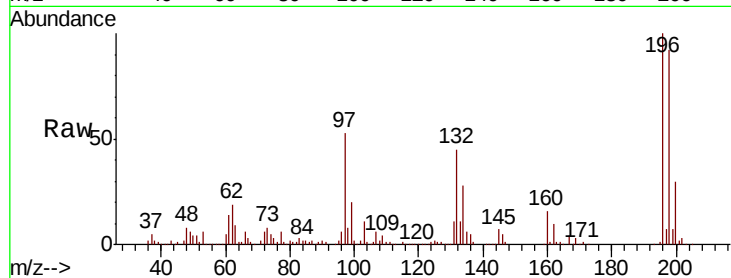
Tot Ion:196 Resp: 353459

Ion Ratio Lower Upper

196 100

198 92.4 76.2 114.4

200 30.2 24.3 36.5

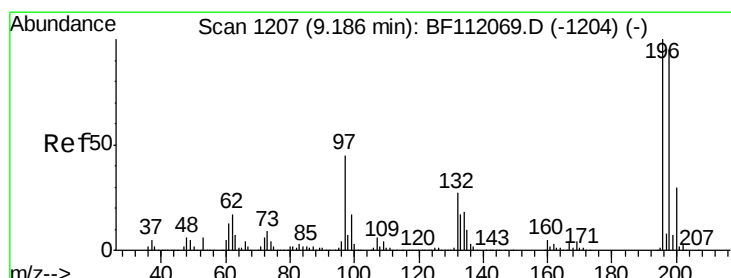
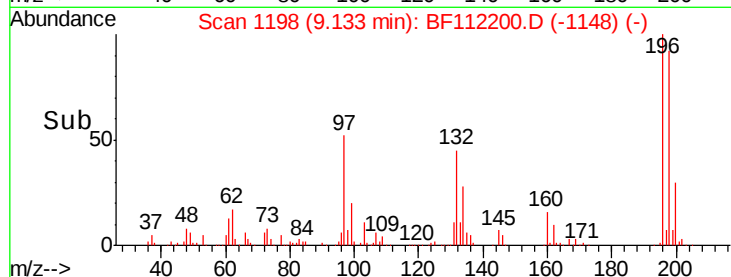
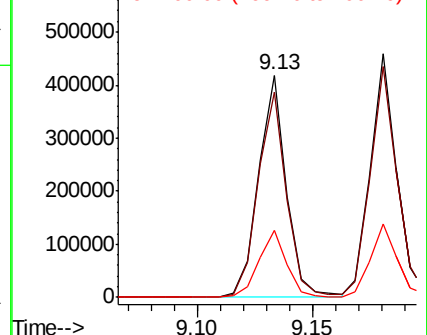


Abundance

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: 46.658 ng

RT: 9.18 min Scan# 1206

Delta R.T. -0.01 min

Lab File: BF112200.D

Acq: 23 Jan 2019 14:29

Tgt Ion:196 Resp: 371655

Ion Ratio Lower Upper

196 100

198 94.6 76.0 114.0

97 47.4 36.4 54.6

132 27.5 21.5 32.3

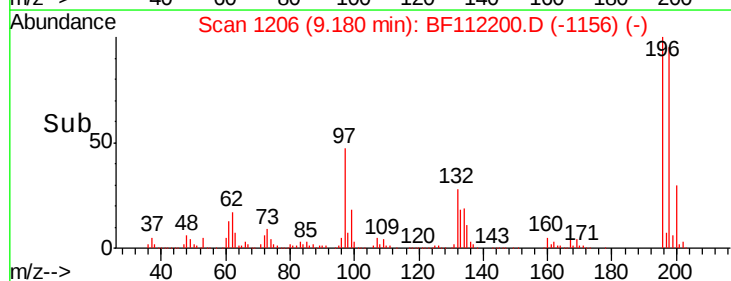
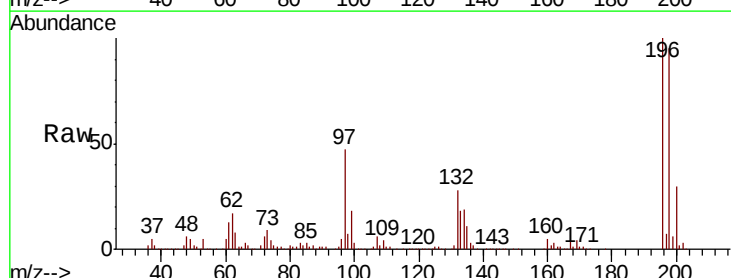
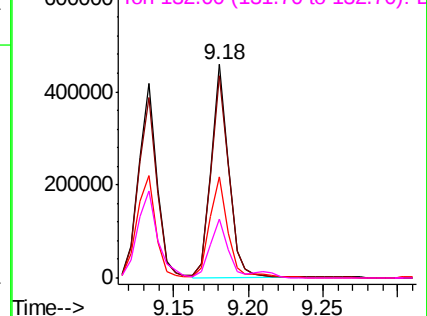
Abundance

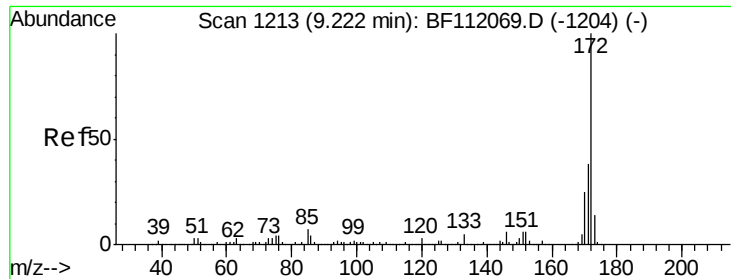
Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E

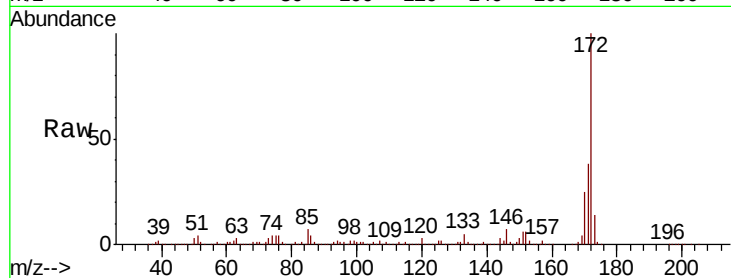




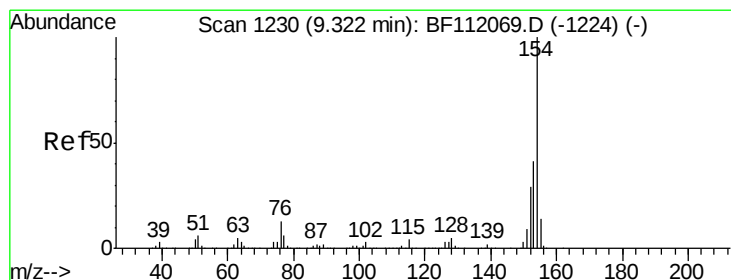
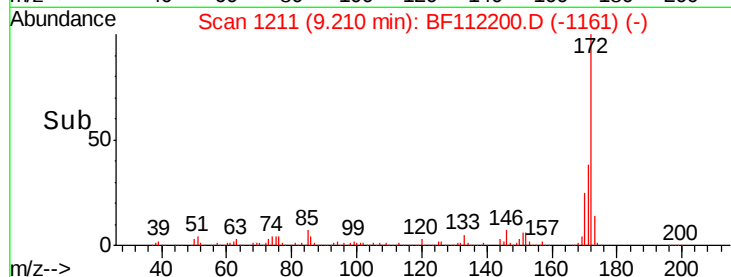
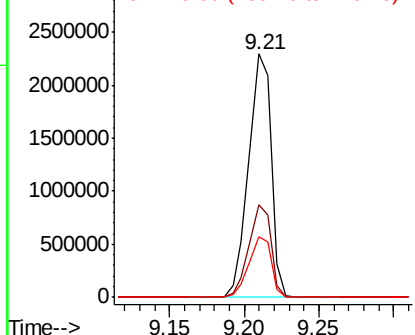
#45
2-Fluorobiphenyl
Concen: 90.280 ng
RT: 9.21 min Scan# 1211
Delta R.T. -0.01 min
Lab File: BF112200.D
Acq: 23 Jan 2019 14:29

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 2397440
Ion Ratio Lower Upper
172 100
171 38.1 30.5 45.7
170 24.9 20.2 30.4

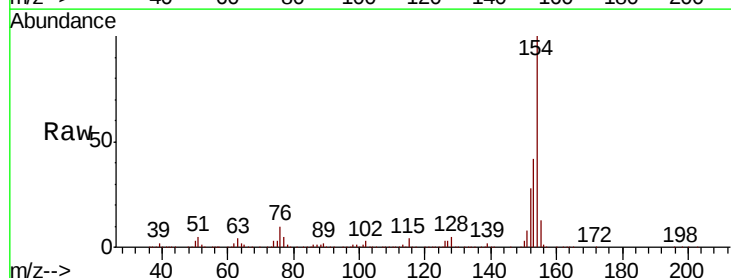


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

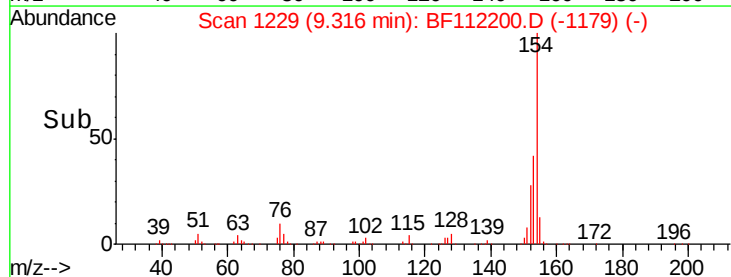
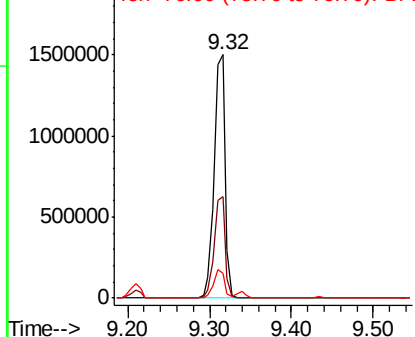


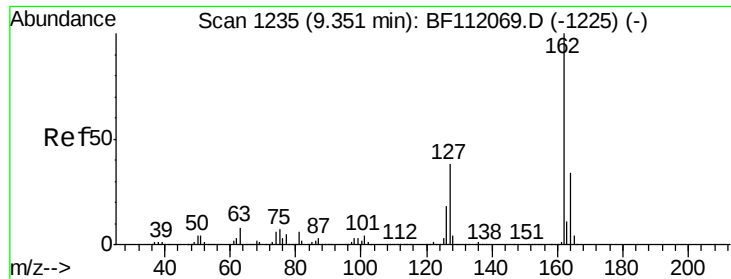
#46
1,1'-Biphenyl
Concen: 43.039 ng
RT: 9.32 min Scan# 1229
Delta R.T. -0.01 min
Lab File: BF112200.D
Acq: 23 Jan 2019 14:29

Tgt Ion:154 Resp: 1401133
Ion Ratio Lower Upper
154 100
153 41.8 21.5 61.5
76 10.4 0.0 33.1



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

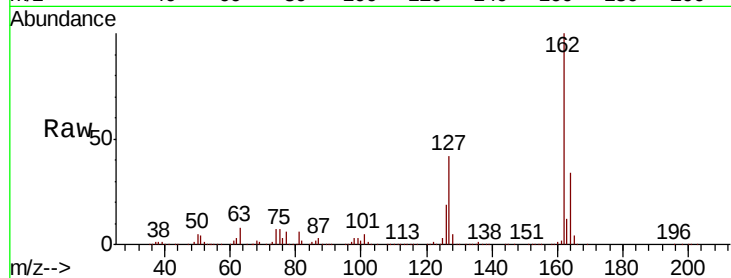




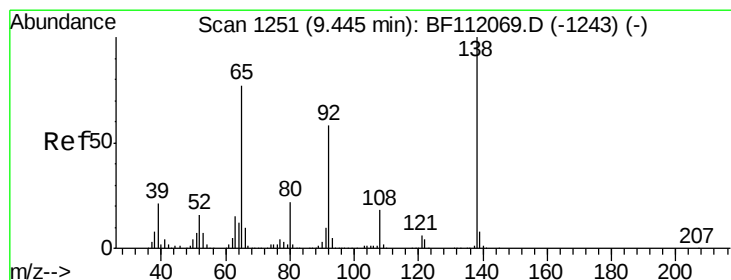
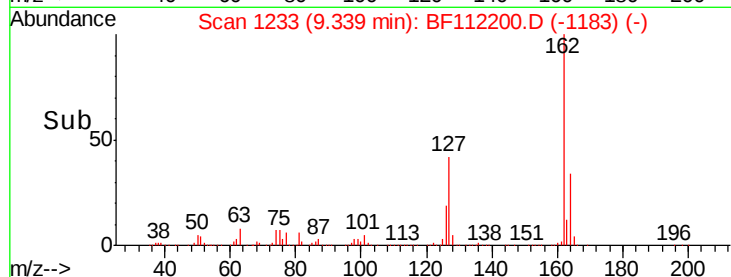
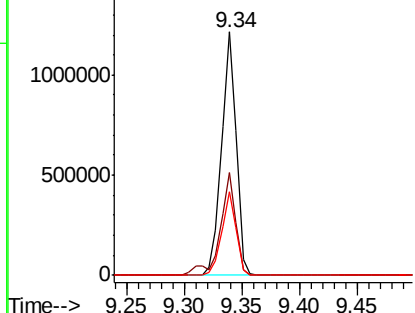
#47
 2-Chloronaphthalene
 Concen: 42.545 ng
 RT: 9.34 min Scan# 1233
 Delta R.T. -0.01 min
 Lab File: BF112200.D
 Acq: 23 Jan 2019 14:29

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:162 Resp: 1084178
 Ion Ratio Lower Upper
 162 100
 127 42.0 30.4 45.6
 164 34.1 27.4 41.2

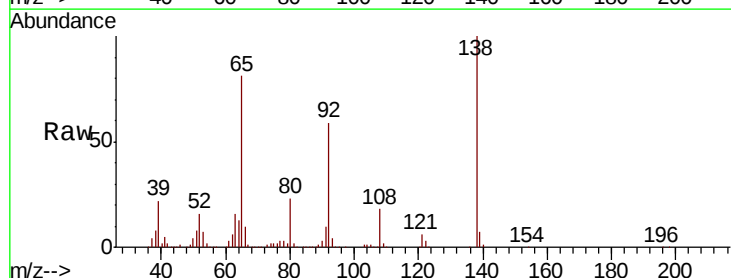


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

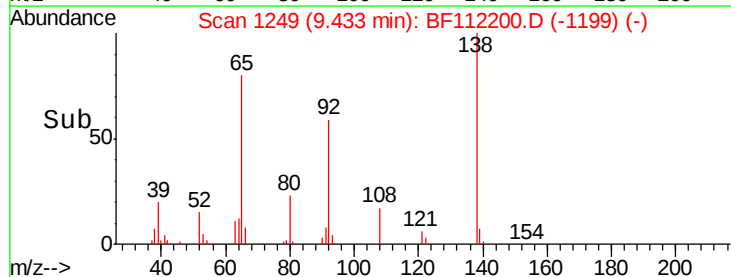
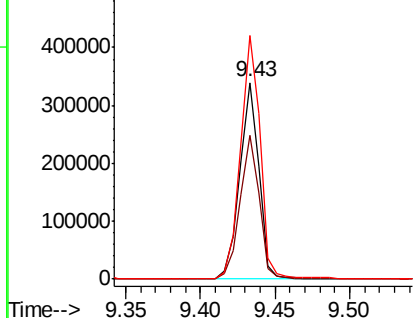


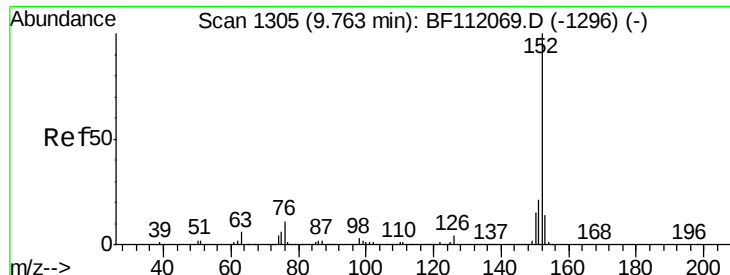
#48
 2-Nitroaniline
 Concen: 53.335 ng
 RT: 9.43 min Scan# 1249
 Delta R.T. -0.01 min
 Lab File: BF112200.D
 Acq: 23 Jan 2019 14:29

Tgt Ion: 65 Resp: 306134
 Ion Ratio Lower Upper
 65 100
 92 73.1 60.4 90.6
 138 123.7 104.4 156.6



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





#49

Acenaphthylene

Concen: 46.779 ng

RT: 9.76 min Scan# 1304

Delta R.T. -0.01 min

Lab File: BF112200.D

Acq: 23 Jan 2019 14:29

Instrument :

BNA_F

ClientSampleId :

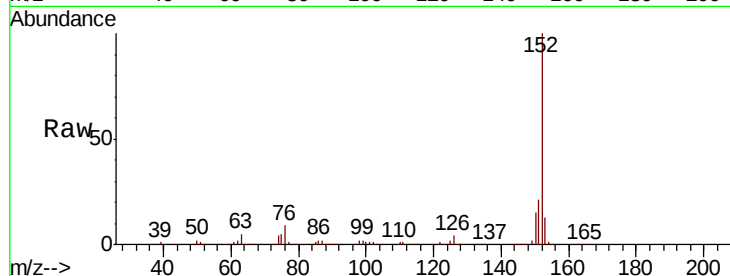
Tot Ion:152 Resp: 1739577

Ion Ratio Lower Upper

152 100

151 21.0 17.0 25.6

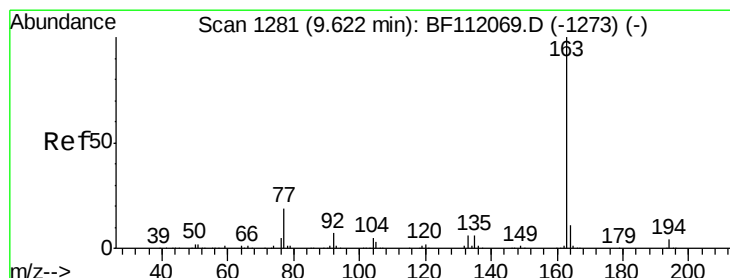
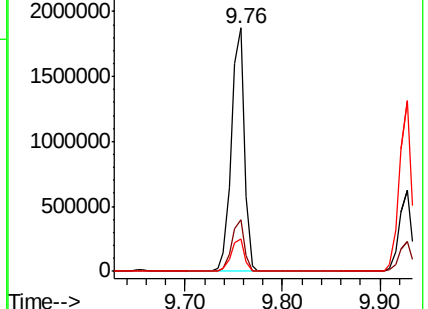
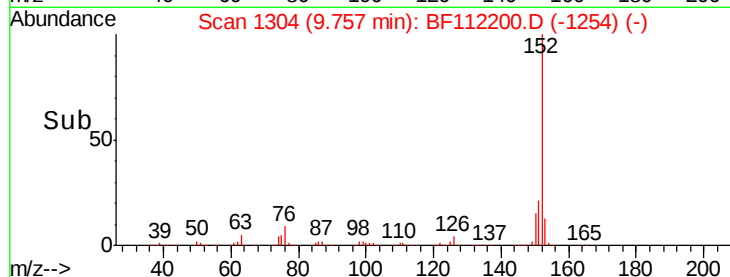
153 13.5 11.2 16.8



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 52.283 ng

RT: 9.61 min Scan# 1279

Delta R.T. -0.01 min

Lab File: BF112200.D

Acq: 23 Jan 2019 14:29

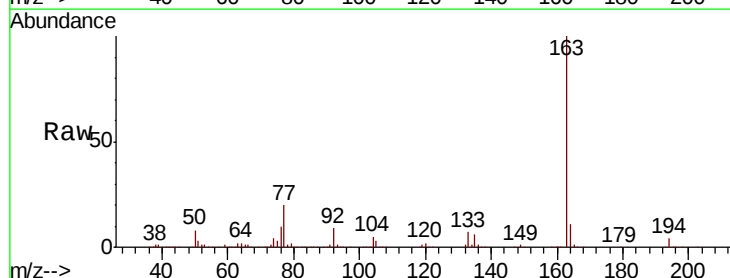
Tgt Ion:163 Resp: 1484491

Ion Ratio Lower Upper

163 100

194 4.0 3.3 4.9

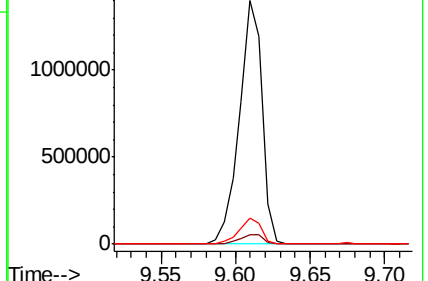
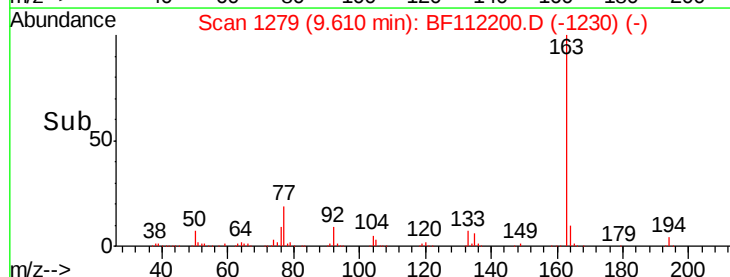
164 10.6 8.5 12.7

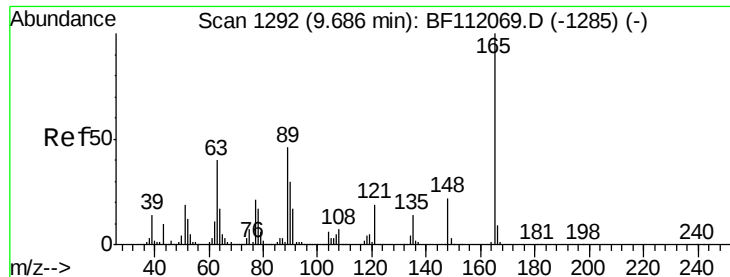


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

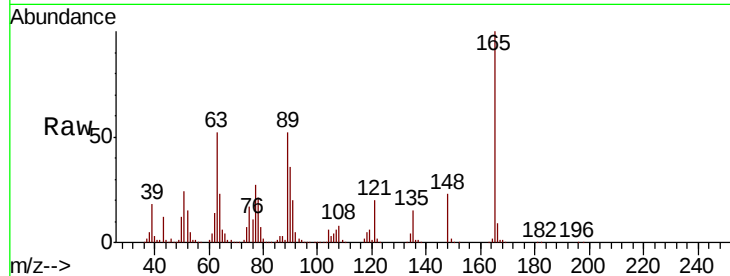




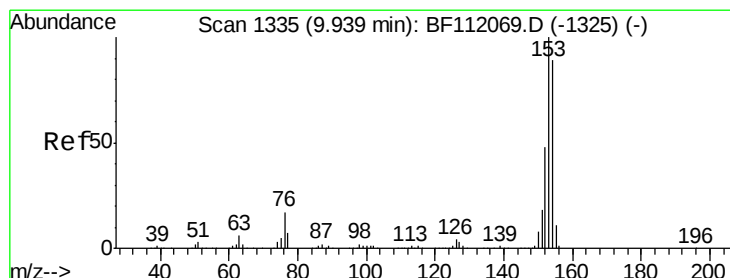
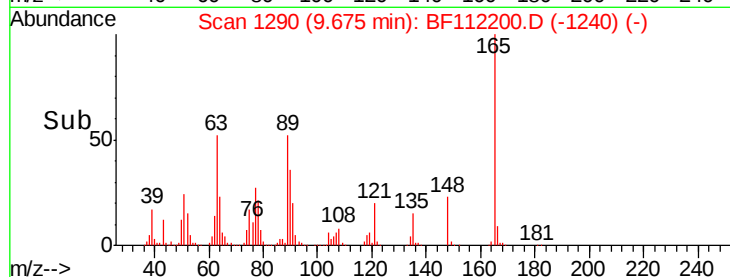
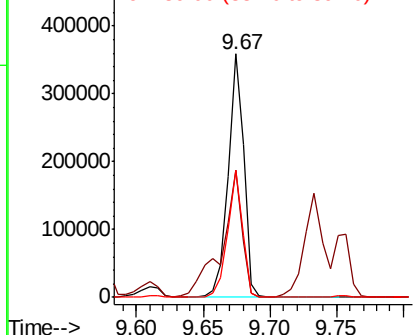
#51
 2,6-Dinitrotoluene
 Concen: 52.881 ng
 RT: 9.67 min Scan# 1290
 Delta R.T. -0.01 min
 Lab File: BF112200.D
 Acq: 23 Jan 2019 14:29

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:165 Resp: 299853
 Ion Ratio Lower Upper
 165 100
 63 52.4 33.8 50.8#
 89 52.1 36.9 55.3

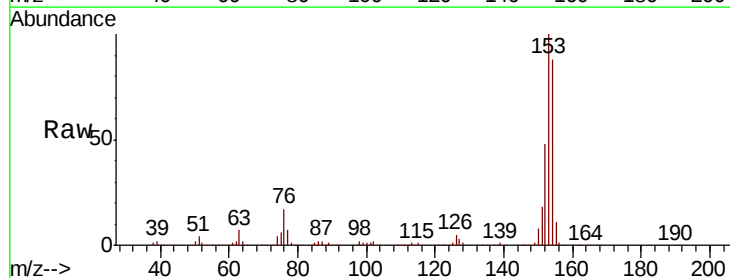


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

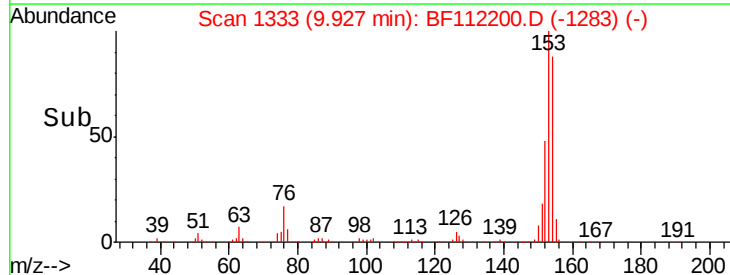
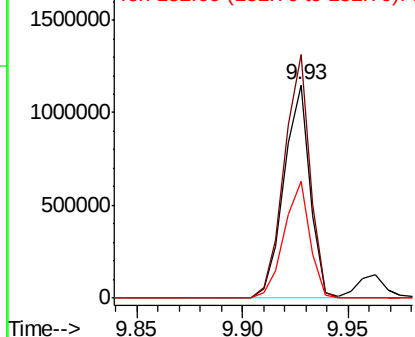


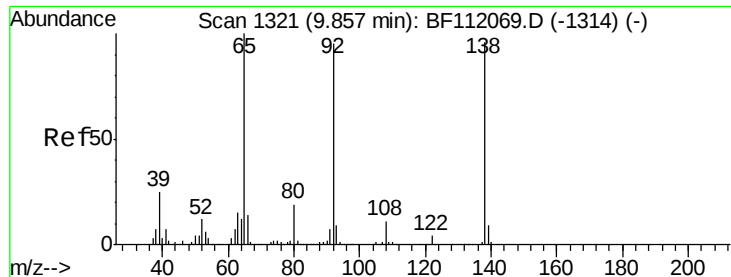
#52
 Acenaphthene
 Concen: 43.553 ng
 RT: 9.93 min Scan# 1333
 Delta R.T. -0.01 min
 Lab File: BF112200.D
 Acq: 23 Jan 2019 14:29

Tgt Ion:154 Resp: 990939
 Ion Ratio Lower Upper
 154 100
 153 114.2 89.8 134.6
 152 54.6 43.5 65.3



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

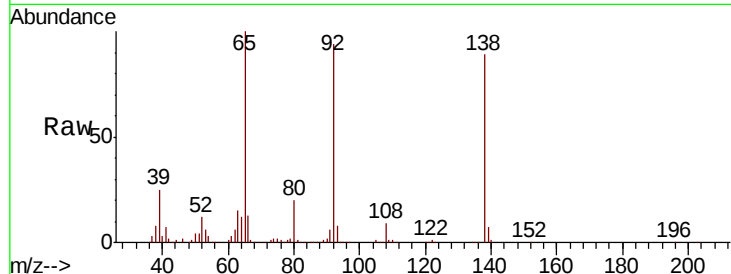




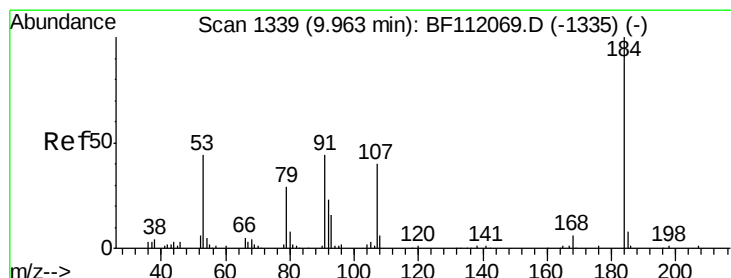
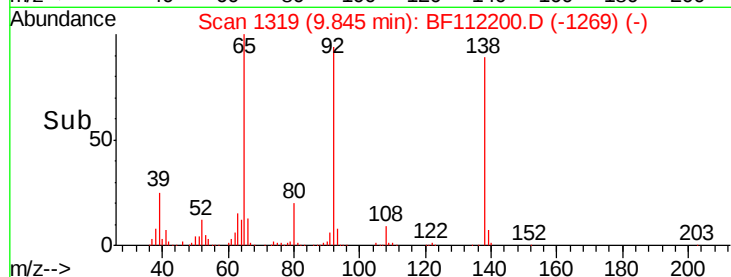
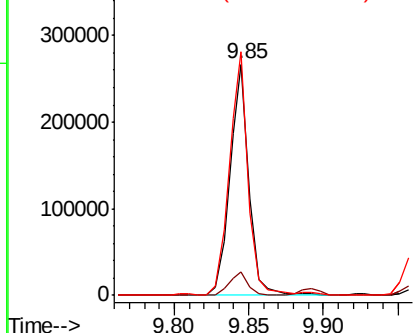
#53
3-Nitroaniline
Concen: 37.813 ng
RT: 9.85 min Scan# 1319
Delta R.T. -0.01 min
Lab File: BF112200.D
Acq: 23 Jan 2019 14:29

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 239764
Ion Ratio Lower Upper
138 100
108 10.3 9.8 14.6
92 105.5 79.4 119.2

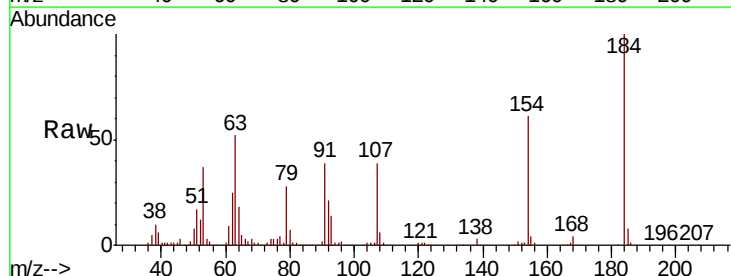


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

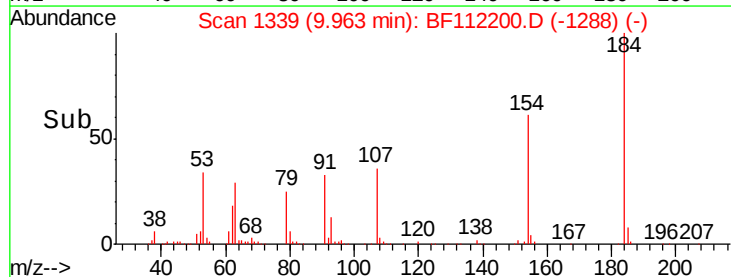
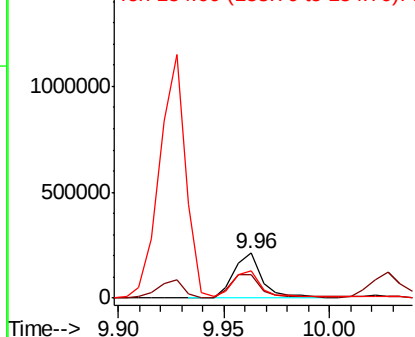


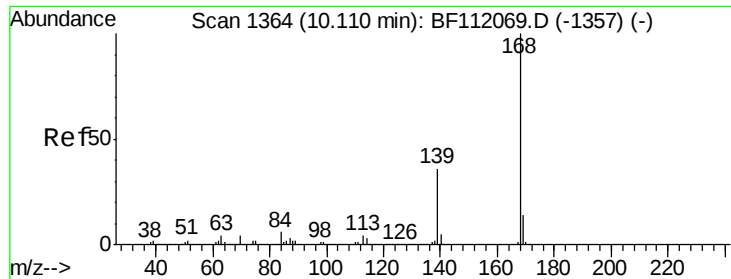
#54
2,4-Dinitrophenol
Concen: 96.575 ng
RT: 9.96 min Scan# 1339
Delta R.T. 0.00 min
Lab File: BF112200.D
Acq: 23 Jan 2019 14:29

Tgt Ion:184 Resp: 202487
Ion Ratio Lower Upper
184 100
63 52.0 47.1 70.7
154 61.2 48.9 73.3



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

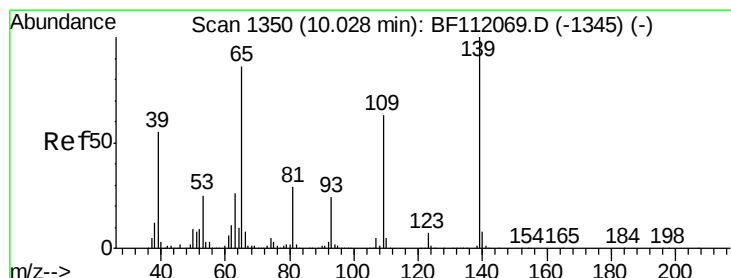
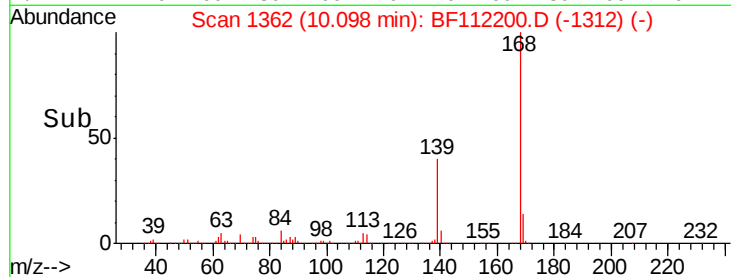
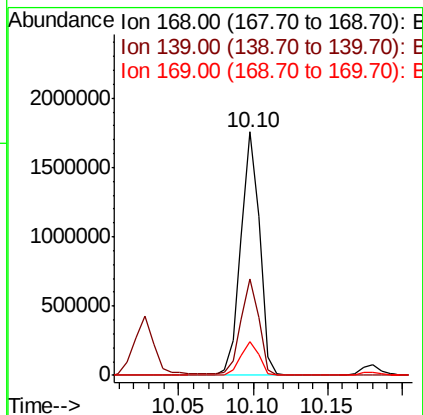
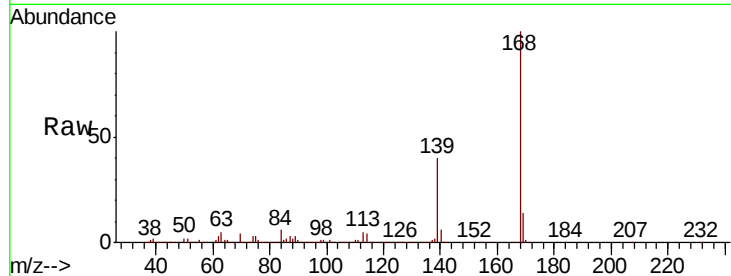




#55
Dibenzofuran
Concen: 44.684 ng
RT: 10.10 min Scan# 1362
Delta R.T. -0.01 min
Lab File: BF112200.D
Acq: 23 Jan 2019 14:29

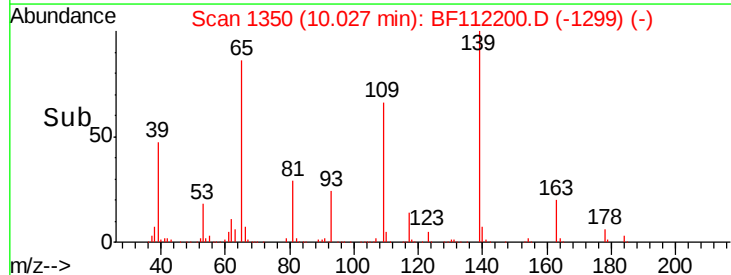
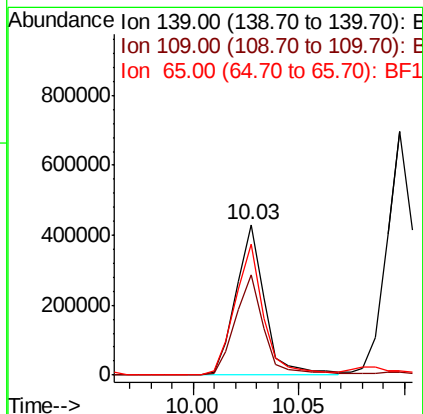
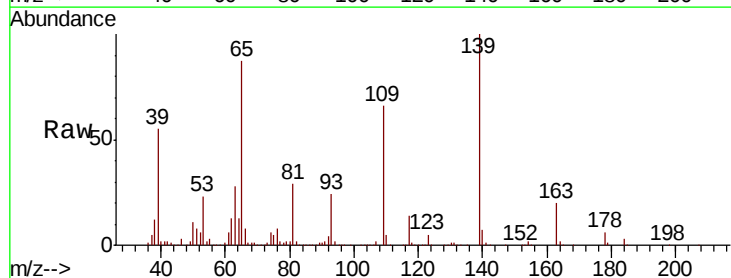
Instrument :
BNA_F
ClientSampleId :

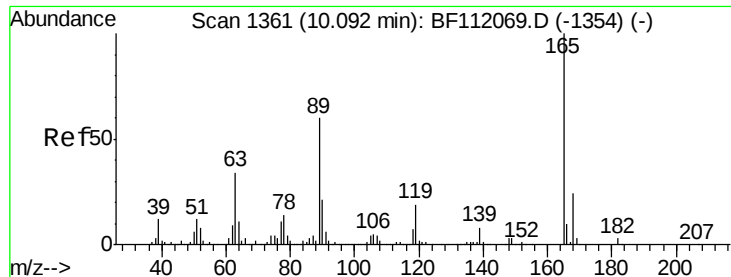
Tot Ion:168 Resp: 1537473
Ion Ratio Lower Upper
168 100
139 39.7 29.2 43.8
169 13.9 11.4 17.0



#56
4-Nitrophenol
Concen: 88.461 ng
RT: 10.03 min Scan# 1350
Delta R.T. 0.00 min
Lab File: BF112200.D
Acq: 23 Jan 2019 14:29

Tgt Ion:139 Resp: 403816
Ion Ratio Lower Upper
139 100
109 66.4 42.8 82.8
65 87.0 66.1 106.1

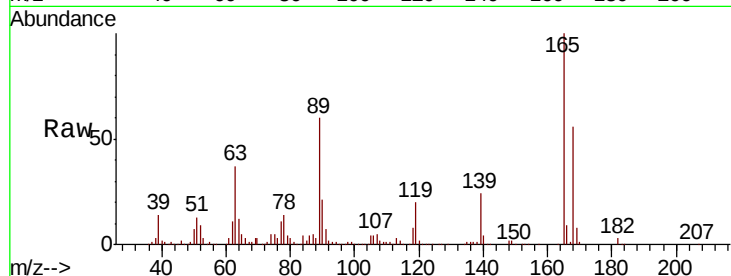




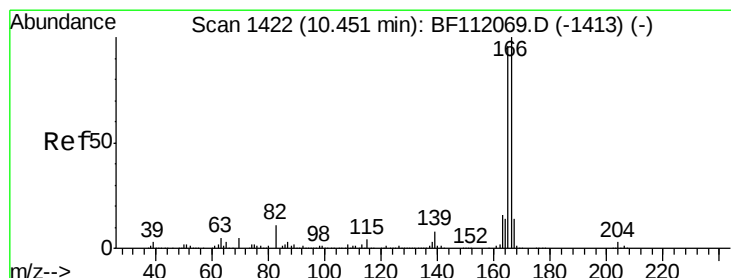
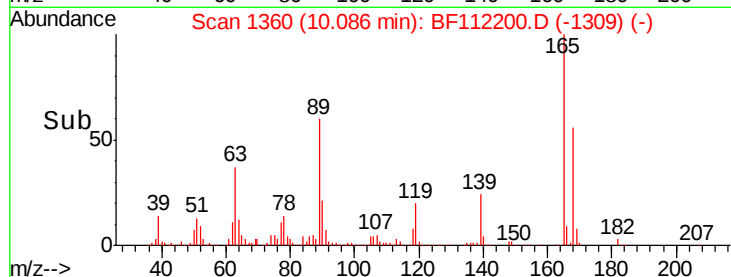
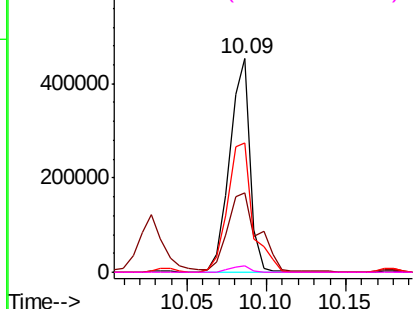
#57
2,4-Dinitrotoluene
Concen: 54.454 ng
RT: 10.09 min Scan# 1360
Delta R.T. 0.00 min
Lab File: BF112200.D
Acq: 23 Jan 2019 14:29

Instrument :
BNA_F
ClientSampleId :

Tot Ion:165 Resp: 401321
Ion Ratio Lower Upper
165 100
63 37.4 27.9 41.9
89 60.4 47.9 71.9
182 2.9 2.2 3.4

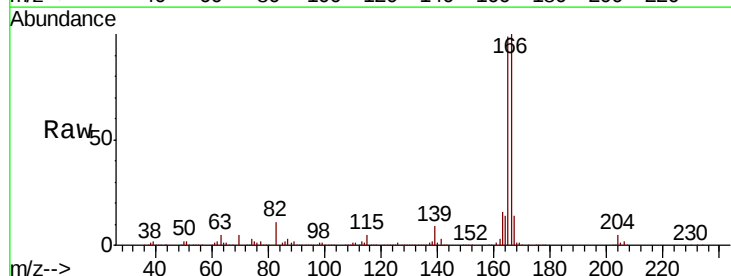


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

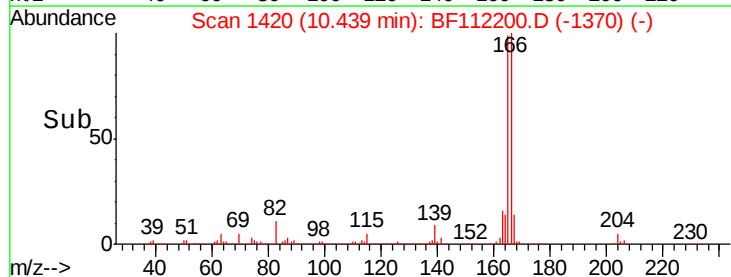
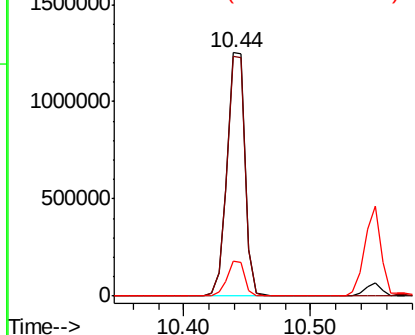


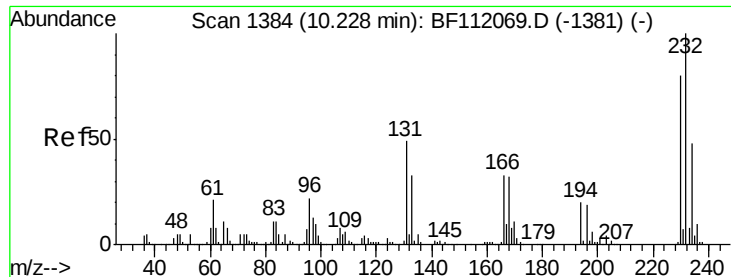
#58
Fluorene
Concen: 47.454 ng
RT: 10.44 min Scan# 1420
Delta R.T. -0.01 min
Lab File: BF112200.D
Acq: 23 Jan 2019 14:29

Tgt Ion:166 Resp: 1219935
Ion Ratio Lower Upper
166 100
165 98.6 77.1 115.7
167 14.3 11.3 16.9



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

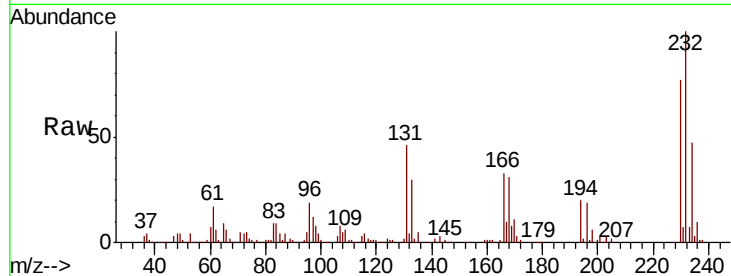




#59
2,3,4,6-Tetrachlorophenol
Concen: 51.478 ng
RT: 10.22 min Scan# 1383
Delta R.T. -0.01 min
Lab File: BF112200.D
Acq: 23 Jan 2019 14:29

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
232	100		
131	46.5	33.9	50.9
130	2.3	1.8	2.6
166	31.3	23.6	35.4



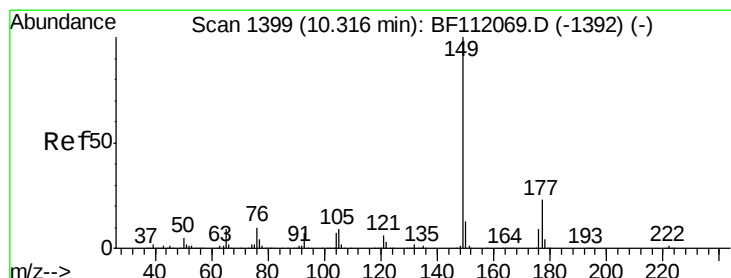
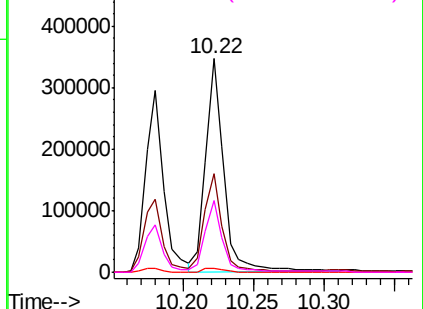
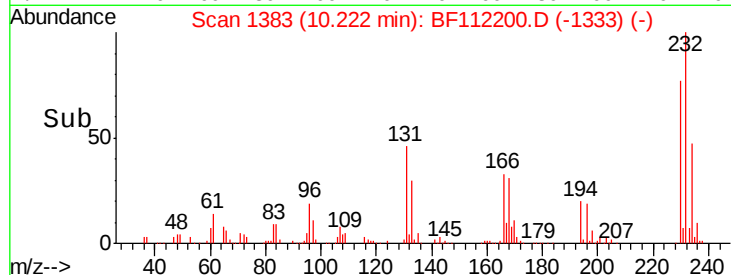
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

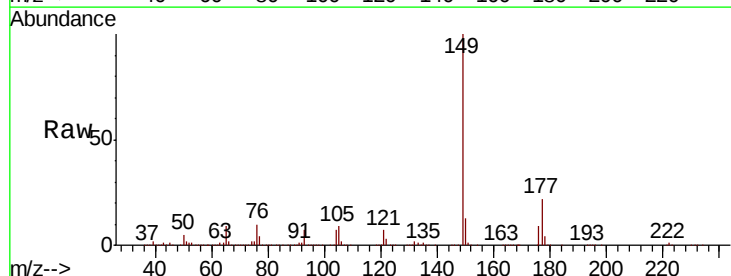
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
Diethylphthalate
Concen: 48.290 ng
RT: 10.31 min Scan# 1398
Delta R.T. -0.01 min
Lab File: BF112200.D
Acq: 23 Jan 2019 14:29

Tgt Ion	Ratio	Lower	Upper
149	100		
177	22.3	18.2	27.2
150	13.0	10.4	15.6

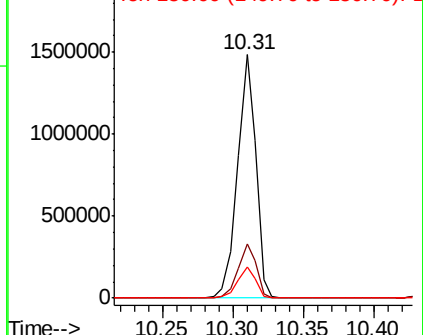
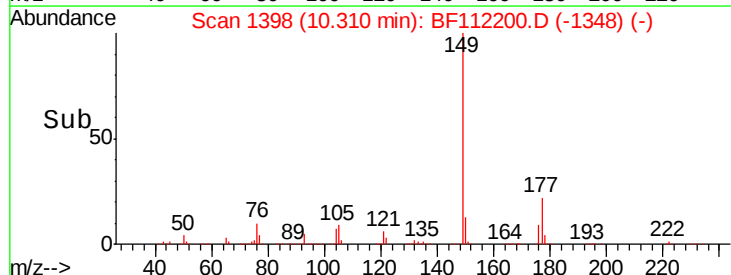


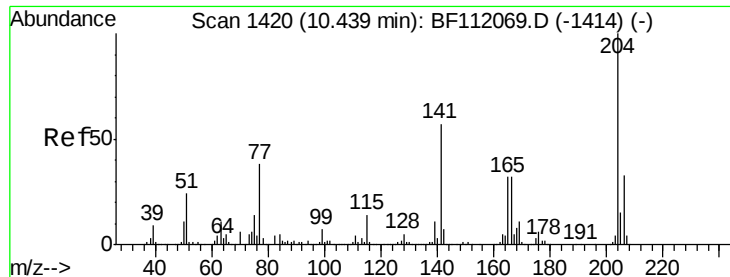
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

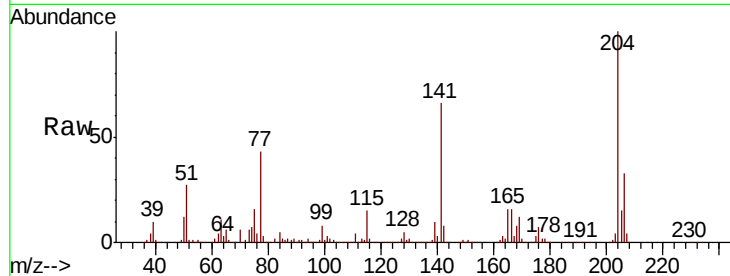




#61
 4-Chlorophenyl-phenylether
 Concen: 43.313 ng
 RT: 10.43 min Scan# 1418
 Delta R.T. -0.01 min
 Lab File: BF112200.D
 Acq: 23 Jan 2019 14:29

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.9	26.5	39.7
141	65.9	45.9	68.9

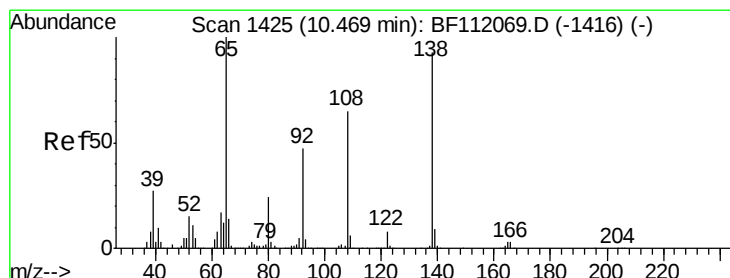
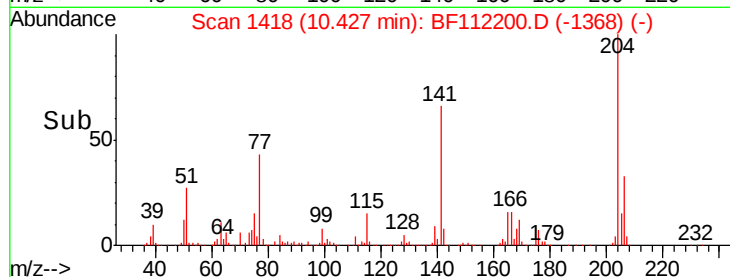
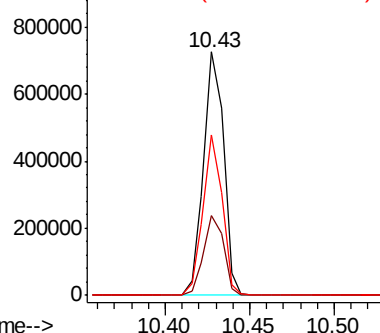


Abundance

Ion 204.00 (203.70 to 204.70): E

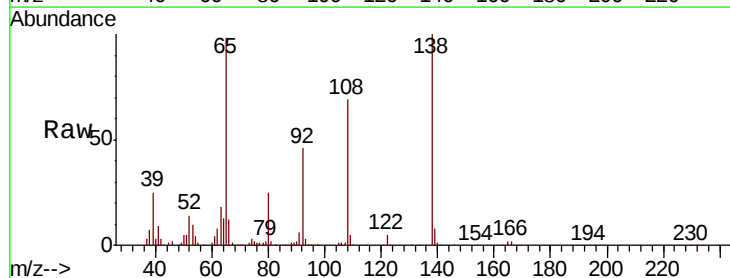
Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62
 4-Nitroaniline
 Concen: 51.957 ng
 RT: 10.46 min Scan# 1424
 Delta R.T. -0.01 min
 Lab File: BF112200.D
 Acq: 23 Jan 2019 14:29

Tgt Ion	Ratio	Lower	Upper
138	100		
92	46.2	30.6	70.6
108	69.4	50.0	90.0

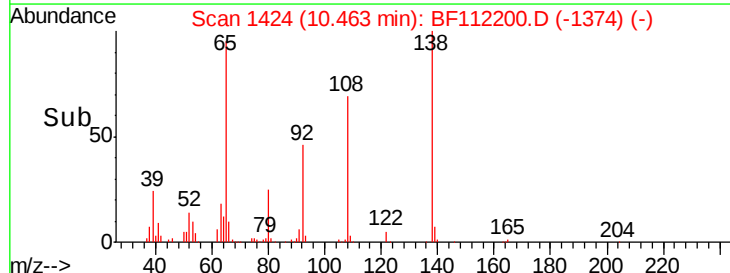
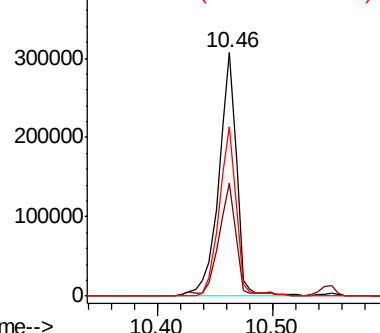


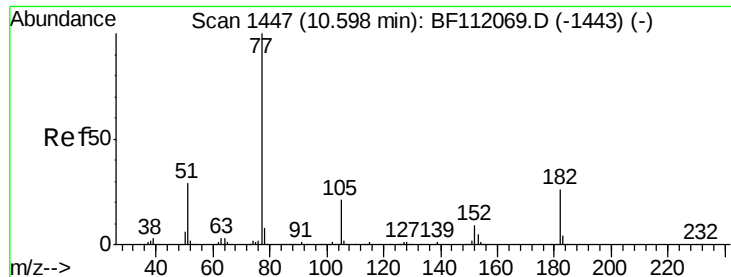
Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF1

Ion 108.00 (107.70 to 108.70): E





#63

Azobenzene

Concen: 43.142 ng

RT: 10.59 min Scan# 1446

Delta R.T. -0.01 min

Lab File: BF112200.D

Acq: 23 Jan 2019 14:29

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 77 Resp: 1145070

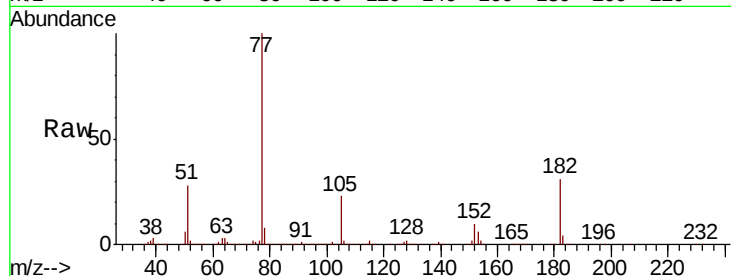
Ion Ratio Lower Upper

77 100

182 30.9 5.7 45.7

105 22.9 1.4 41.4

51 28.3 9.5 49.5

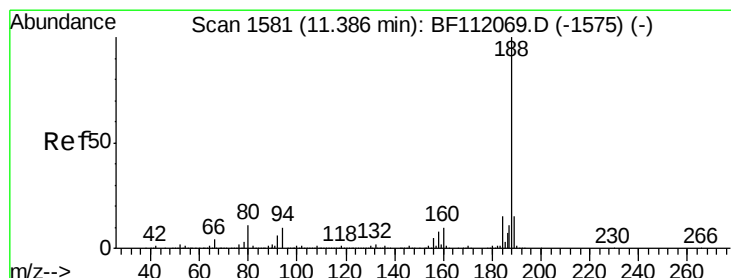
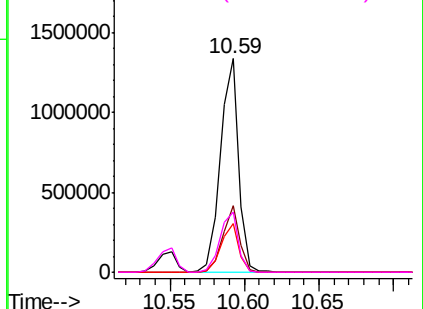
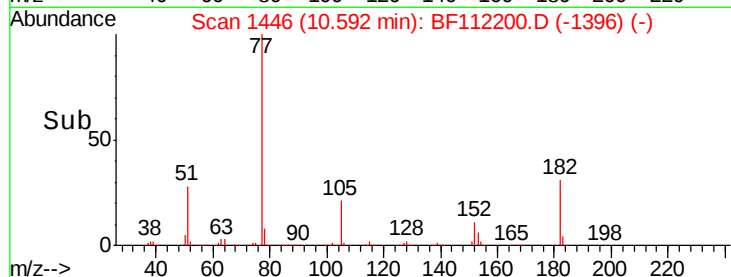


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.38 min Scan# 1580

Delta R.T. -0.01 min

Lab File: BF112200.D

Acq: 23 Jan 2019 14:29

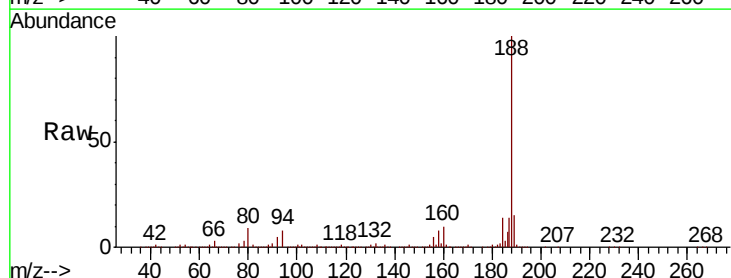
Tgt Ion: 188 Resp: 790829

Ion Ratio Lower Upper

188 100

94 8.1 8.2 12.2#

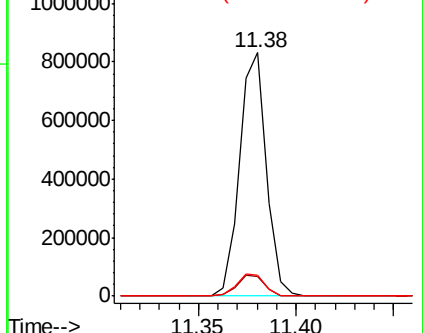
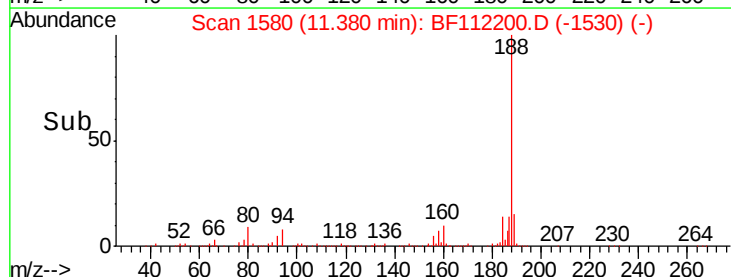
80 8.7 8.9 13.3#

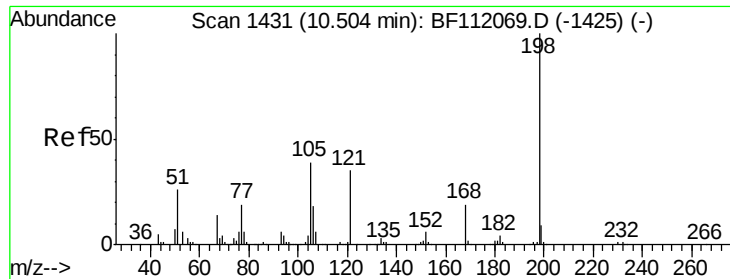


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

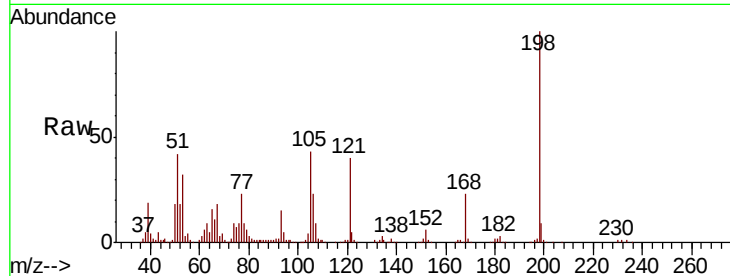




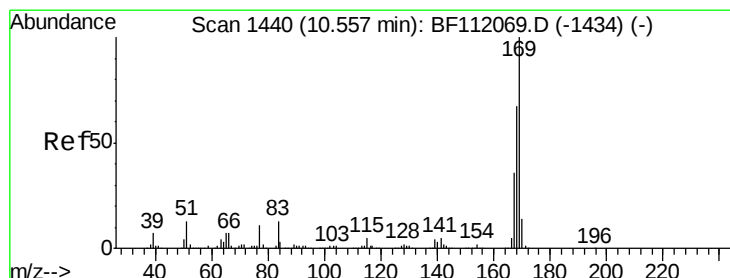
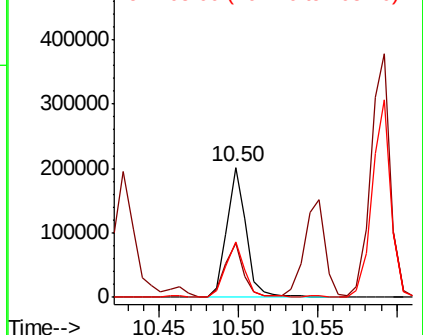
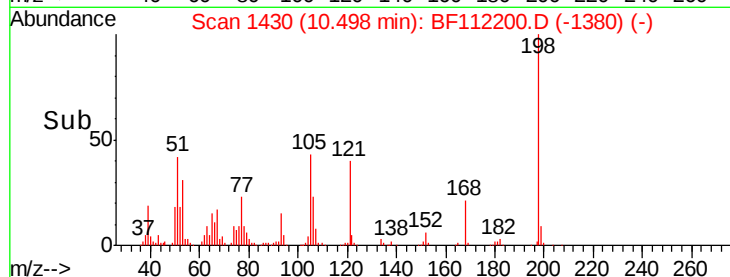
#65
4,6-Dinitro-2-methylphenol
Concen: 51.195 ng
RT: 10.50 min Scan# 1430
Delta R.T. -0.01 min
Lab File: BF112200.D
Acq: 23 Jan 2019 14:29

Instrument :
BNA_F
ClientSampleId :

Tot Ion:198 Resp: 171658
Ion Ratio Lower Upper
198 100
51 42.0 17.2 57.2
105 42.7 21.9 61.9

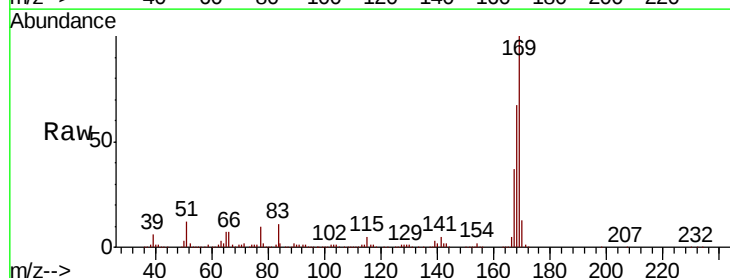


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

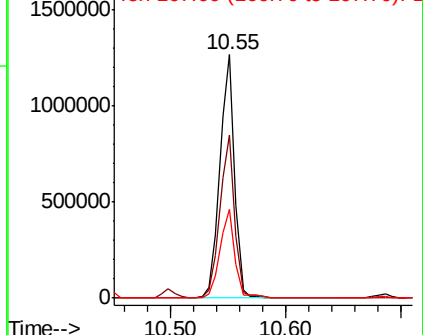
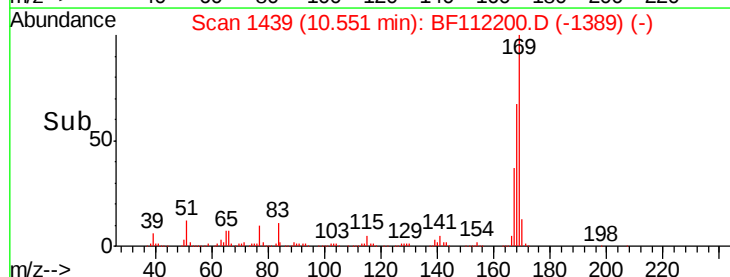


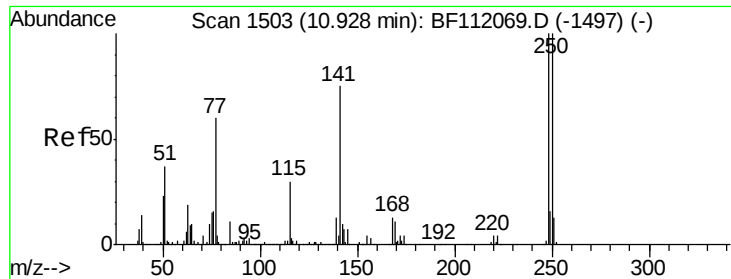
#66
n-Nitrosodiphenylamine
Concen: 42.518 ng
RT: 10.55 min Scan# 1439
Delta R.T. -0.01 min
Lab File: BF112200.D
Acq: 23 Jan 2019 14:29

Tgt Ion:169 Resp: 1111591
Ion Ratio Lower Upper
169 100
168 67.0 53.9 80.9
167 36.7 28.9 43.3



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

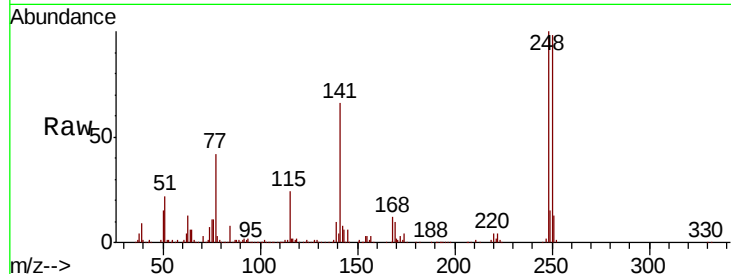




#67
4-Bromophenyl-phenylether
Concen: 42.034 ng
RT: 10.92 min Scan# 1502
Delta R.T. -0.01 min
Lab File: BF112200.D
Acq: 23 Jan 2019 14:29

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
248	100		
250	98.0	79.7	119.5
141	66.3	60.3	90.5

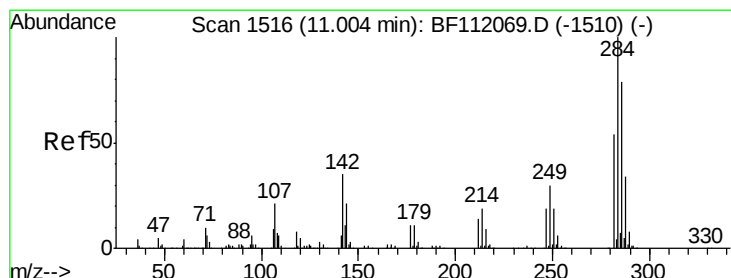
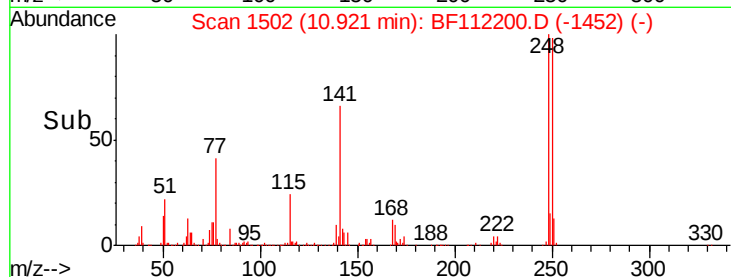
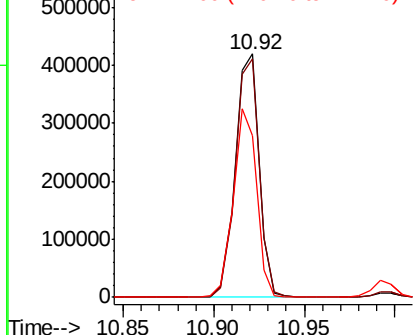


Abundance

Ion 248.00 (247.70 to 248.70): E

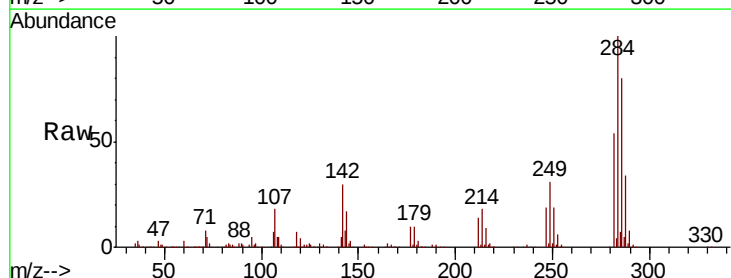
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 41.806 ng
RT: 11.00 min Scan# 1515
Delta R.T. -0.01 min
Lab File: BF112200.D
Acq: 23 Jan 2019 14:29

Tgt Ion	Ratio	Lower	Upper
284	100		
142	29.6	27.6	41.4
249	30.8	24.1	36.1

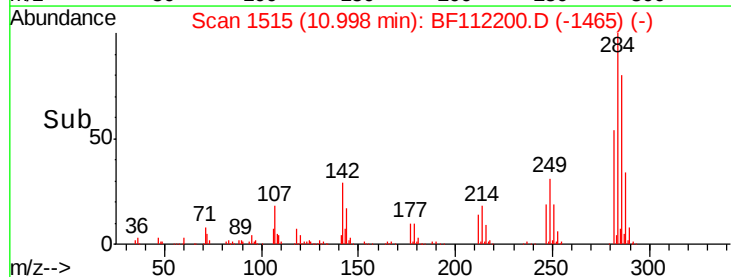
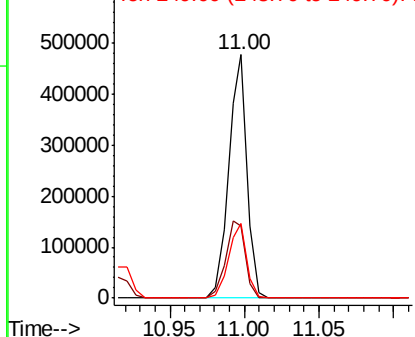


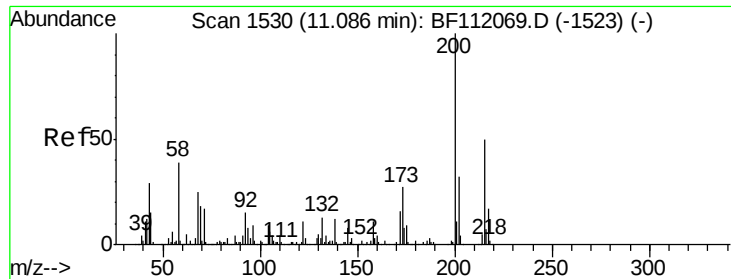
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E

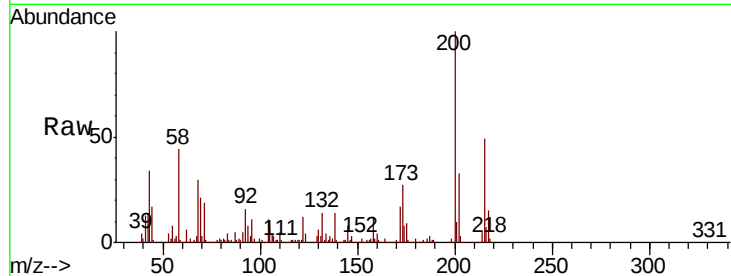




#69
Atrazine
Concen: 44.746 ng
RT: 11.07 min Scan# 1528
Delta R.T. -0.01 min
Lab File: BF112200.D
Acq: 23 Jan 2019 14:29

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
200	100		
173	27.2	7.1	47.1
215	49.0	30.4	70.4

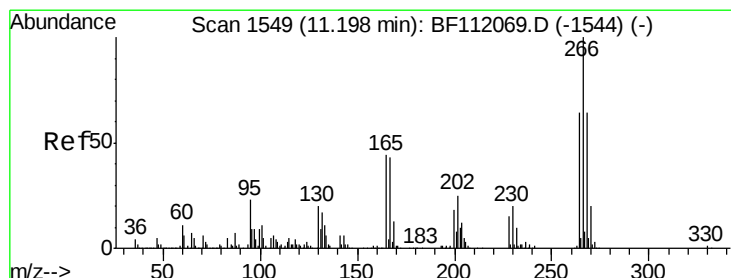
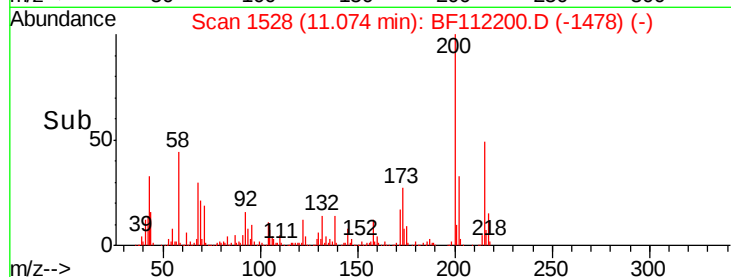
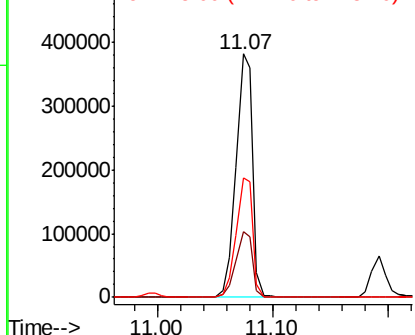


Abundance

Ion 200.00 (199.70 to 200.70): E

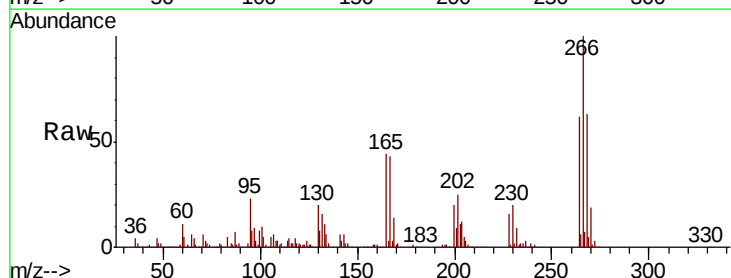
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
Pentachlorophenol
Concen: 73.405 ng
RT: 11.19 min Scan# 1548
Delta R.T. -0.01 min
Lab File: BF112200.D
Acq: 23 Jan 2019 14:29

Tgt Ion	Ratio	Lower	Upper
266	100		
268	63.2	51.2	76.8
264	62.1	50.9	76.3

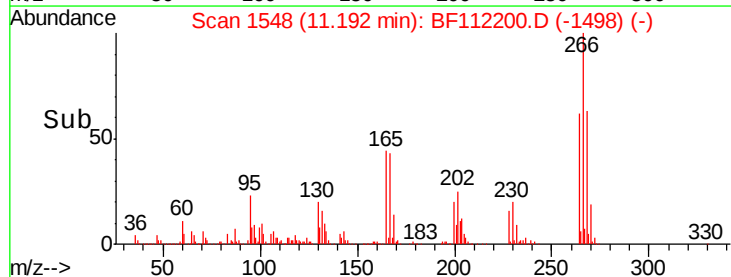
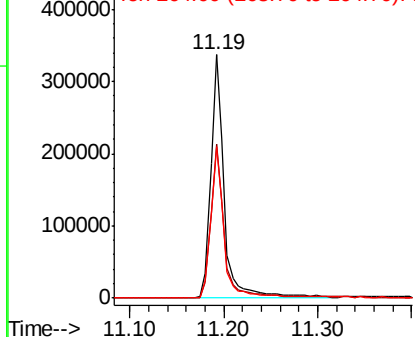


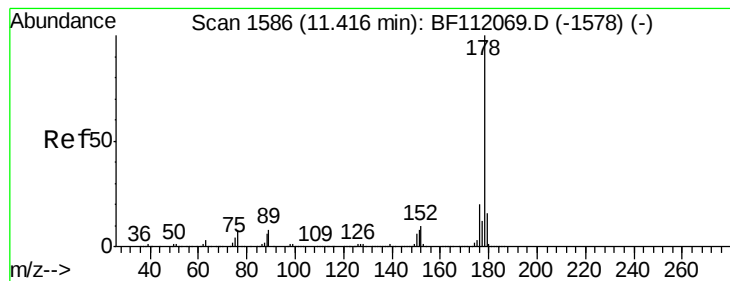
Abundance

Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 46.112 ng

RT: 11.40 min Scan# 1584

Delta R.T. -0.01 min

Lab File: BF112200.D

Acq: 23 Jan 2019 14:29

Instrument :

BNA_F

ClientSampled :

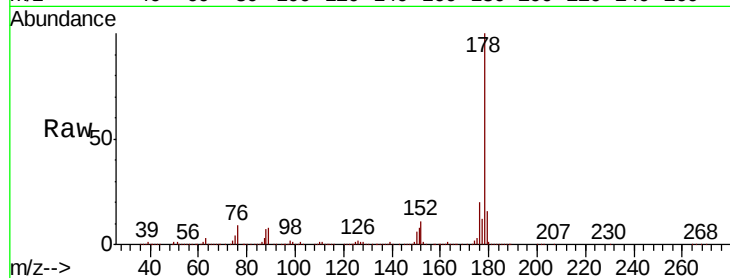
Tot Ion:178 Resp: 1835223

Ion Ratio Lower Upper

178 100

176 20.0 16.3 24.5

179 16.3 13.0 19.4

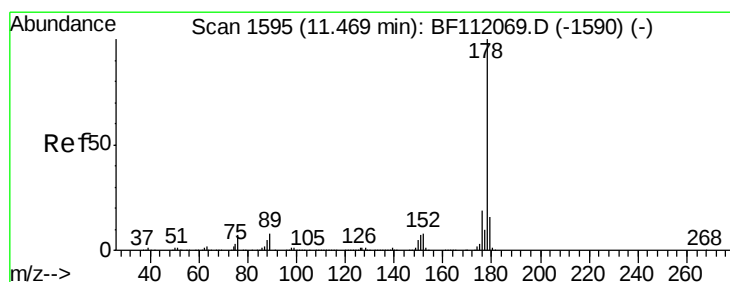
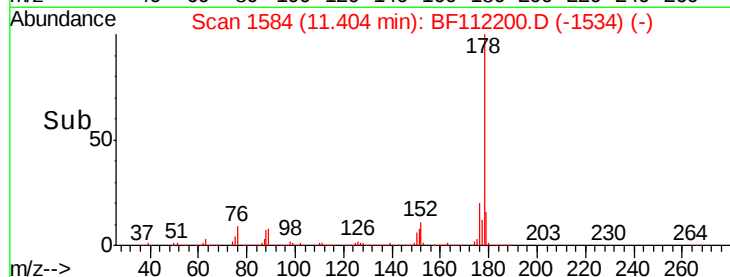
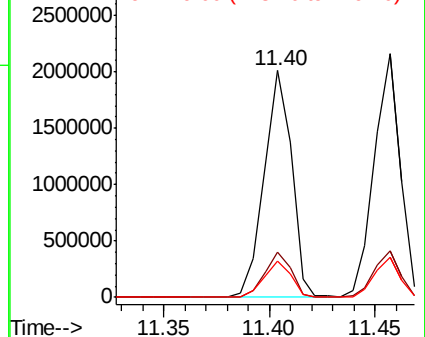


Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 46.505 ng

RT: 11.46 min Scan# 1593

Delta R.T. -0.01 min

Lab File: BF112200.D

Acq: 23 Jan 2019 14:29

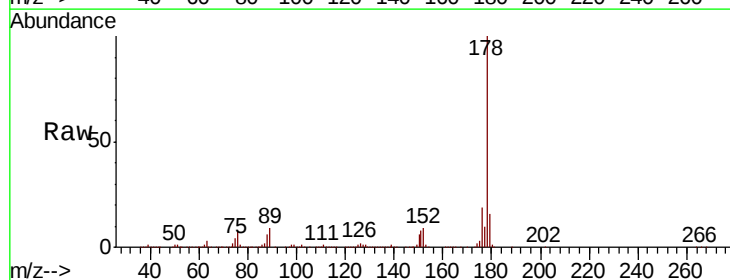
Tgt Ion:178 Resp: 1874938

Ion Ratio Lower Upper

178 100

176 19.3 15.5 23.3

179 16.3 12.8 19.2

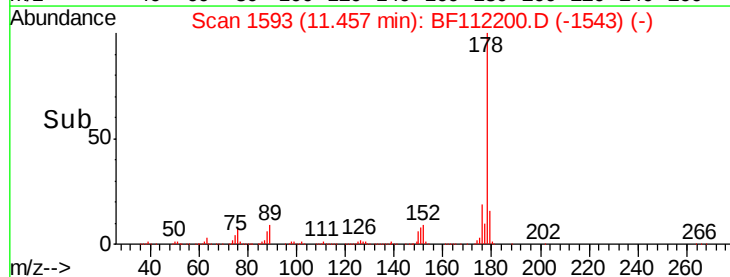
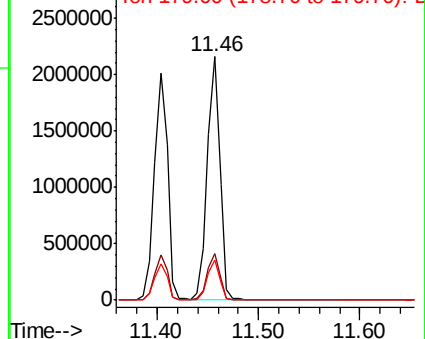


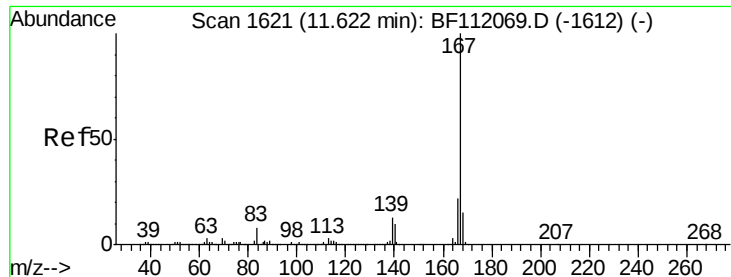
Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

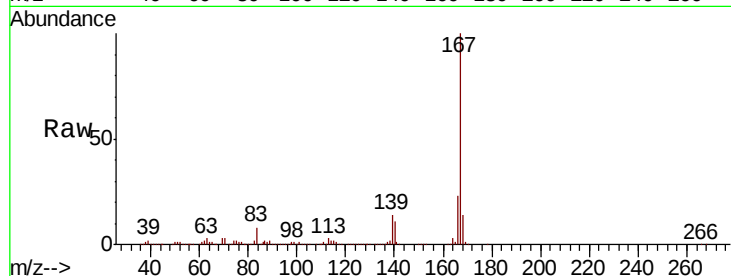




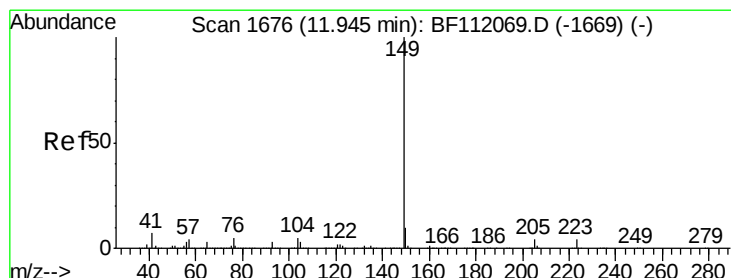
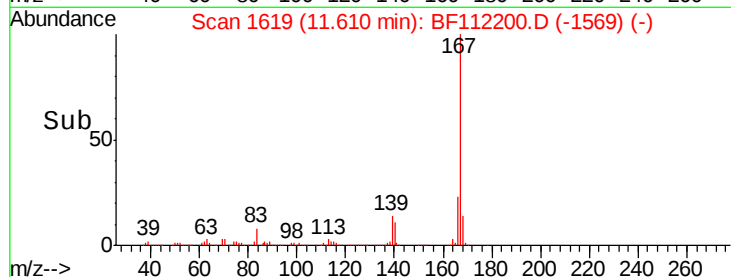
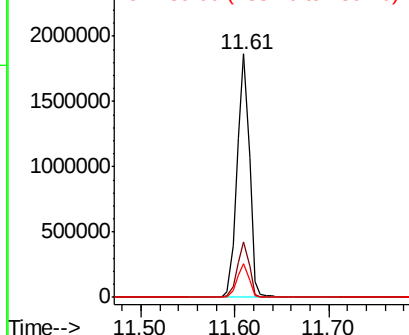
#73
 Carbazole
 Concen: 42.087 ng
 RT: 11.61 min Scan# 1619
 Delta R.T. -0.01 min
 Lab File: BF112200.D
 Acq: 23 Jan 2019 14:29

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:167 Resp: 1699766
 Ion Ratio Lower Upper
 167 100
 166 22.9 17.9 26.9
 139 14.1 10.2 15.2

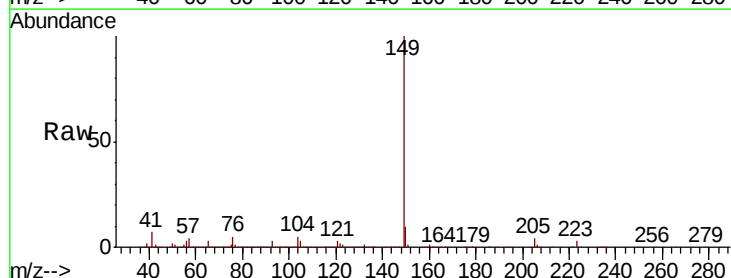


Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E

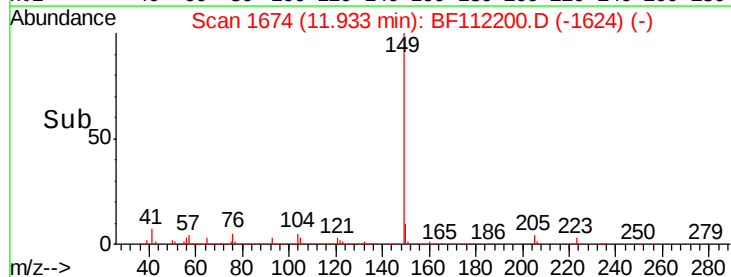
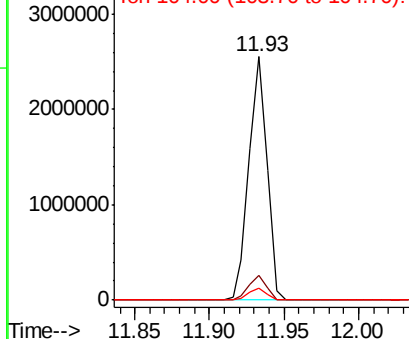


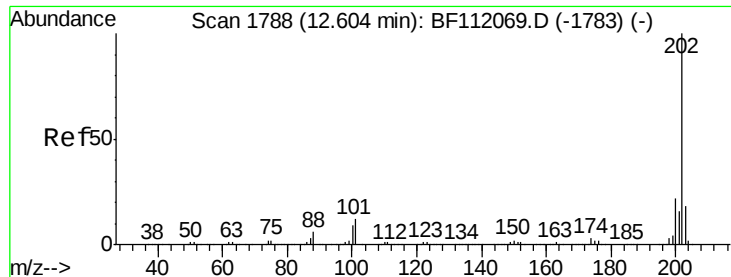
#74
 Di-n-butylphthalate
 Concen: 47.255 ng
 RT: 11.93 min Scan# 1674
 Delta R.T. -0.01 min
 Lab File: BF112200.D
 Acq: 23 Jan 2019 14:29

Tgt Ion:149 Resp: 2146770
 Ion Ratio Lower Upper
 149 100
 150 10.0 8.1 12.1
 104 5.1 3.9 5.9



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

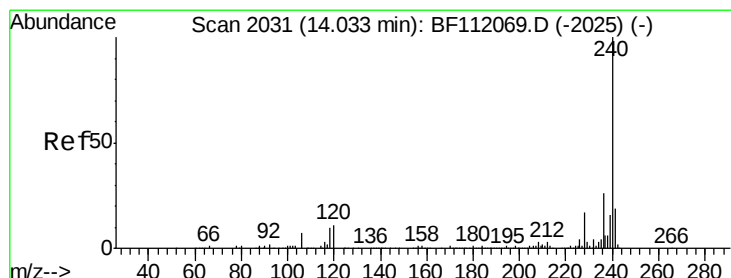
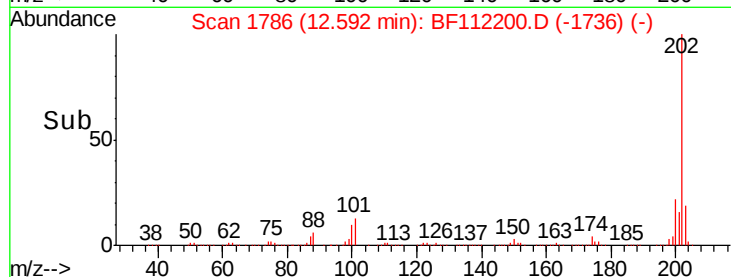
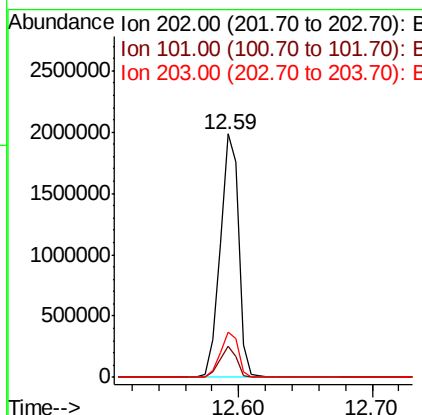
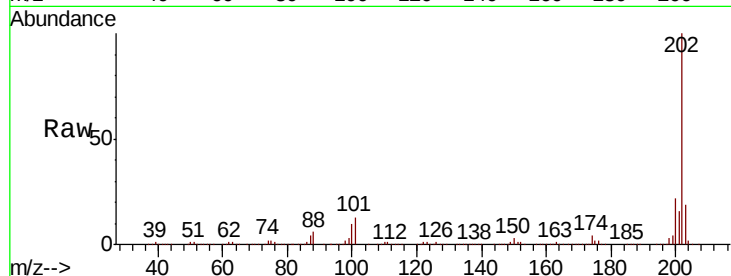




#75
 Fluoranthene
 Concen: 46.077 ng
 RT: 12.59 min Scan# 1786
 Delta R.T. -0.01 min
 Lab File: BF112200.D
 Acq: 23 Jan 2019 14:29

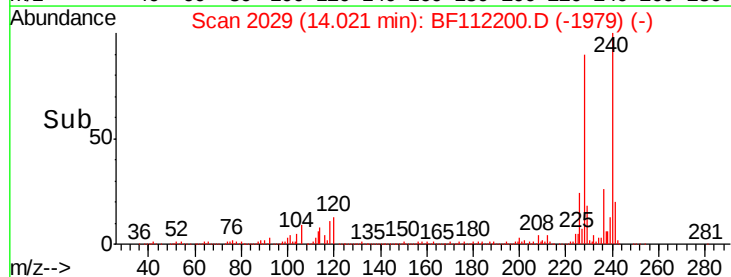
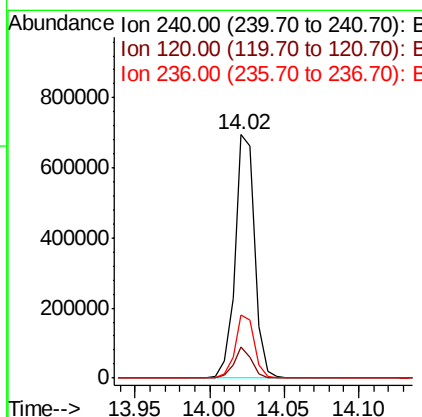
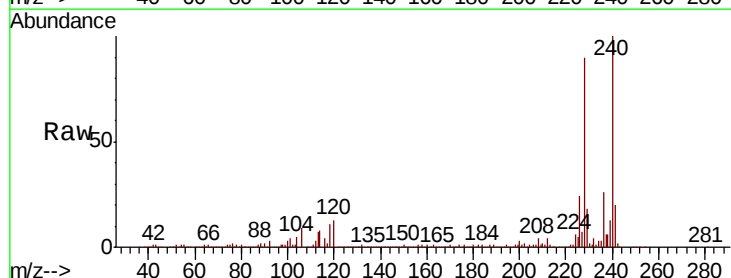
Instrument :
 BNA_F
 ClientSampled :

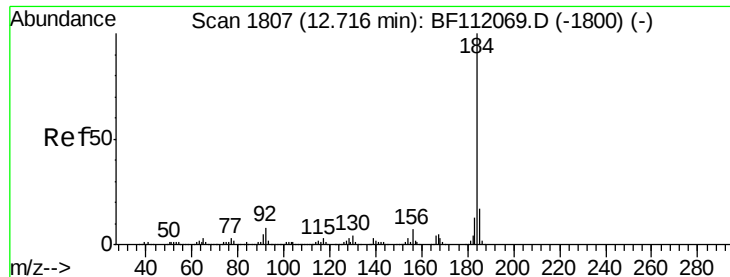
Tot Ion:202 Resp: 1936220
 Ion Ratio Lower Upper
 202 100
 101 13.0 0.0 31.8
 203 18.6 0.0 38.4



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.02 min Scan# 2029
 Delta R.T. -0.01 min
 Lab File: BF112200.D
 Acq: 23 Jan 2019 14:29

Tgt Ion:240 Resp: 642232
 Ion Ratio Lower Upper
 240 100
 120 12.7 9.0 13.6
 236 26.1 20.7 31.1





#77

Benzidine

Concen: 15.255 ng

RT: 12.70 min Scan# 1805

Delta R.T. -0.01 min

Lab File: BF112200.D

Acq: 23 Jan 2019 14:29

Instrument :

BNA_F

ClientSampleId :

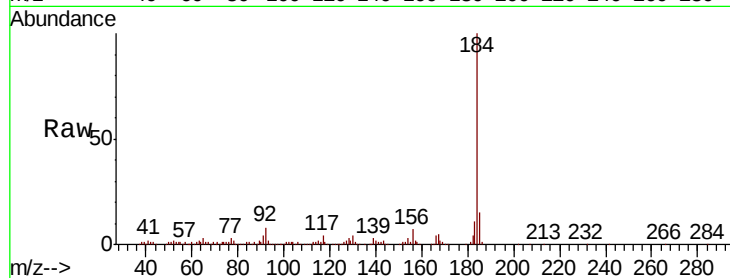
Tot Ion:184 Resp: 326894

Ion Ratio Lower Upper

184 100

185 15.2 13.9 20.9

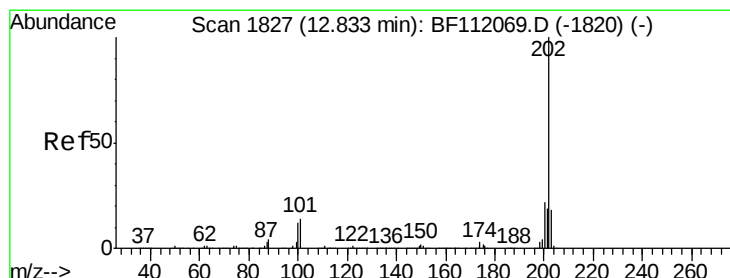
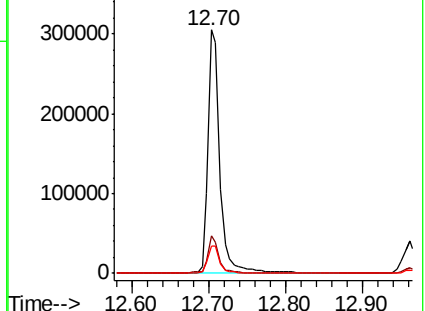
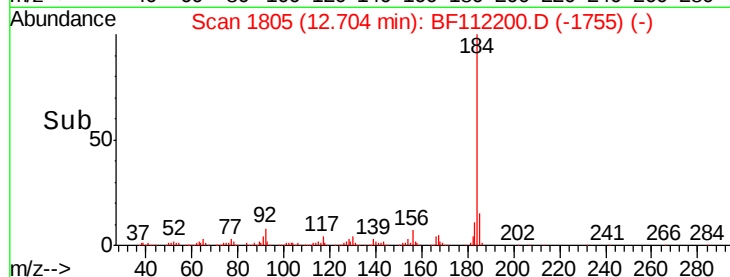
183 11.4 10.0 15.0



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 46.035 ng

RT: 12.82 min Scan# 1825

Delta R.T. -0.01 min

Lab File: BF112200.D

Acq: 23 Jan 2019 14:29

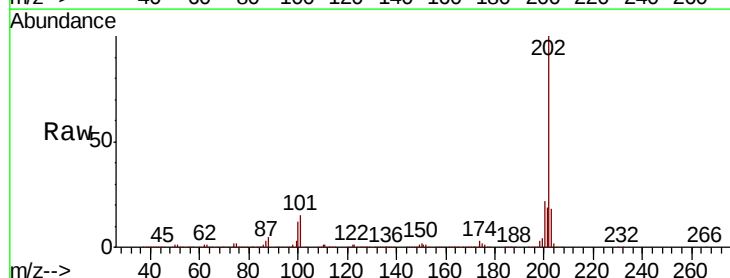
Tgt Ion:202 Resp: 1950584

Ion Ratio Lower Upper

202 100

200 22.1 17.7 26.5

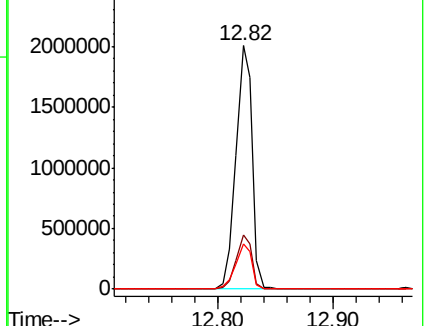
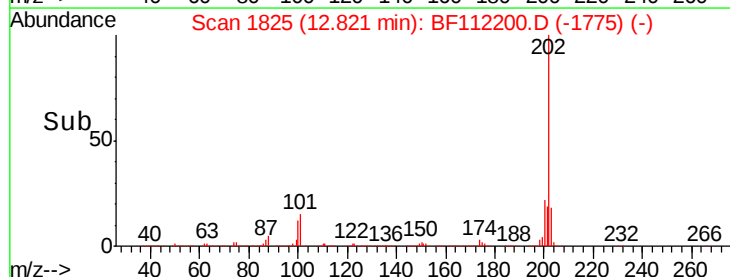
203 18.3 14.6 22.0

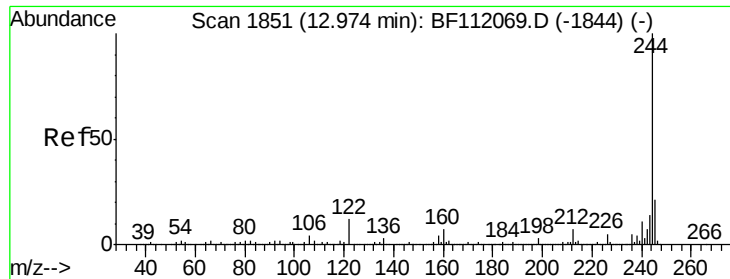


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 93.222 ng

RT: 12.96 min Scan# 1849

Delta R.T. -0.01 min

Lab File: BF112200.D

Acq: 23 Jan 2019 14:29

Instrument :

BNA_F

ClientSampleId :

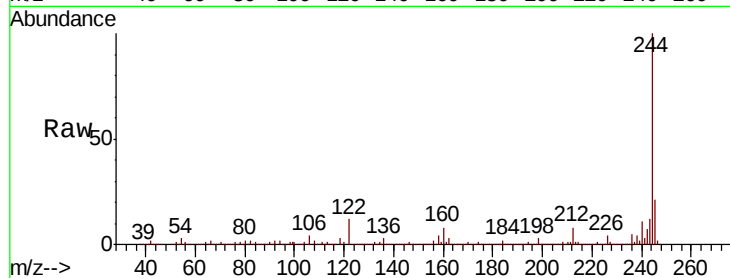
Tot Ion:244 Resp: 2814266

Ion Ratio Lower Upper

244 100

212 7.6 5.9 8.9

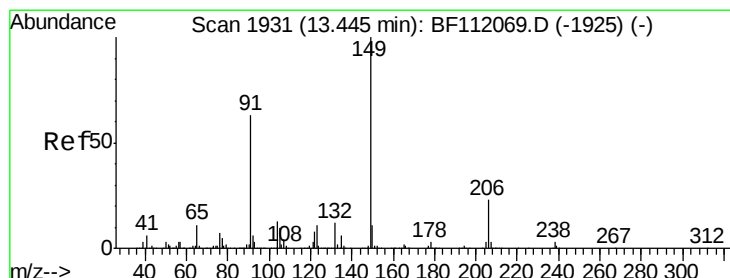
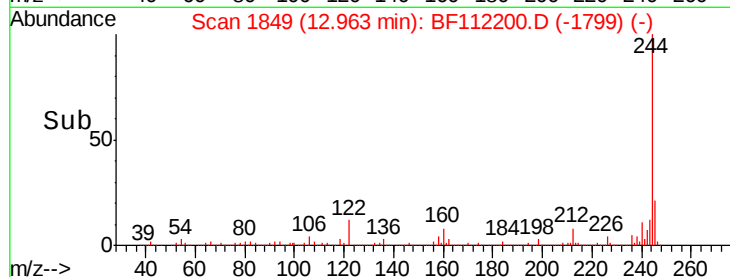
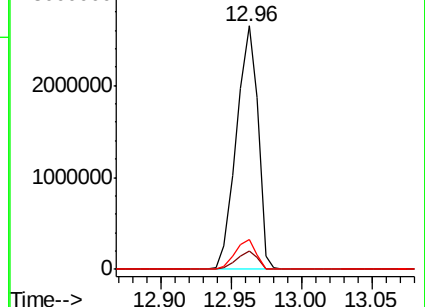
122 12.4 9.8 14.6



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 50.853 ng

RT: 13.43 min Scan# 1929

Delta R.T. -0.01 min

Lab File: BF112200.D

Acq: 23 Jan 2019 14:29

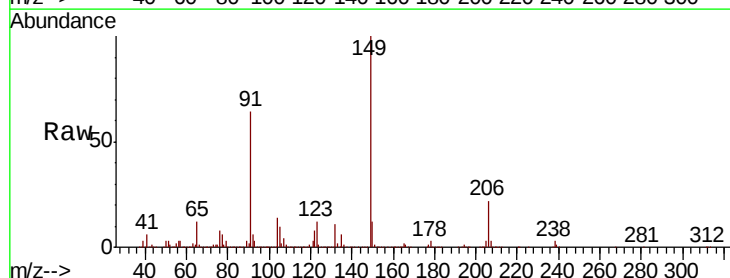
Tgt Ion:149 Resp: 945284

Ion Ratio Lower Upper

149 100

91 64.5 50.3 75.5

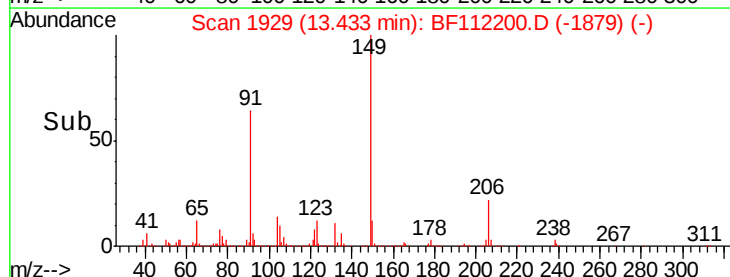
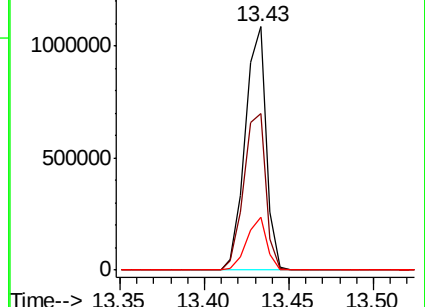
206 21.6 18.2 27.4

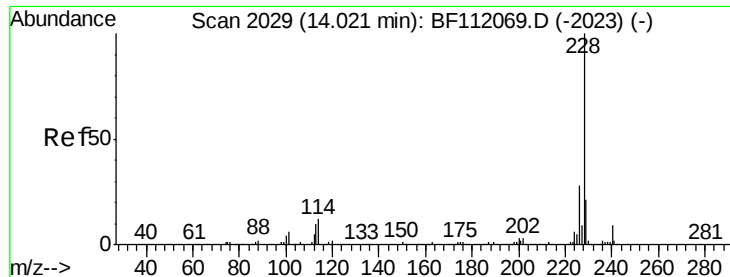


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E

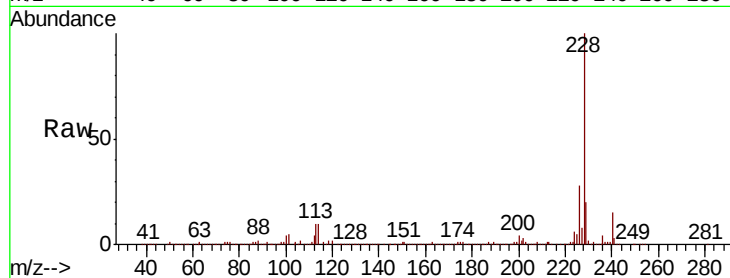




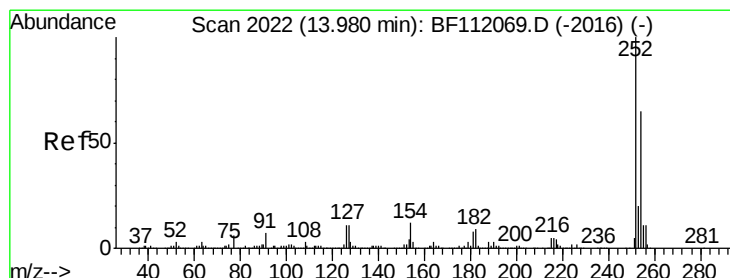
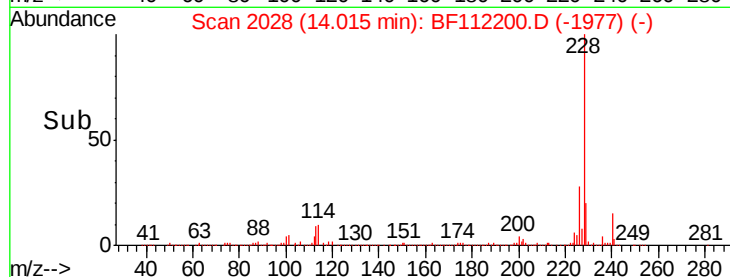
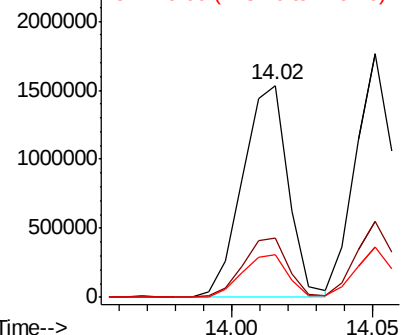
#81
Benzo(a)anthracene
Concen: 46.772 ng
RT: 14.02 min Scan# 2028
Delta R.T. 0.00 min
Lab File: BF112200.D
Acq: 23 Jan 2019 14:29

Instrument :
BNA_F
ClientSampleId :

Tot Ion:228 Resp: 1722331
Ion Ratio Lower Upper
228 100
226 27.9 22.6 34.0
229 19.9 16.5 24.7

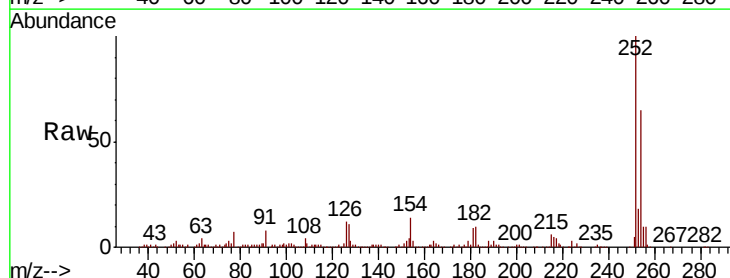


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

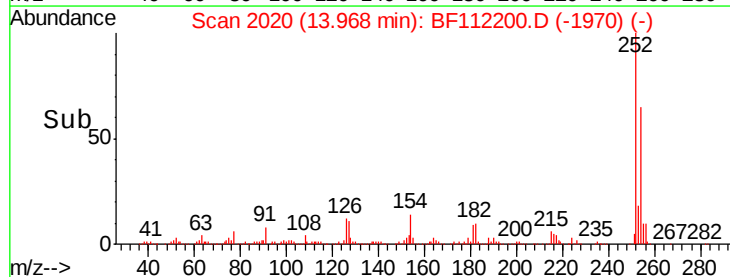
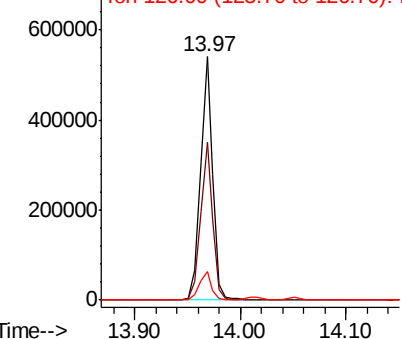


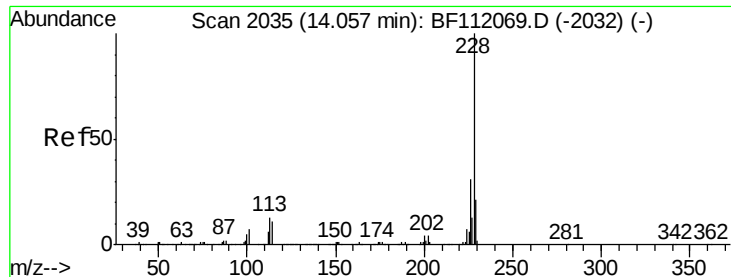
#82
3,3'-Dichlorobenzidine
Concen: 32.220 ng
RT: 13.97 min Scan# 2020
Delta R.T. -0.01 min
Lab File: BF112200.D
Acq: 23 Jan 2019 14:29

Tgt Ion:252 Resp: 444334
Ion Ratio Lower Upper
252 100
254 64.7 51.6 77.4
126 11.6 8.6 12.8



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





#83

Chrysene

Concen: 45.209 ng

RT: 14.05 min Scan# 2034

Delta R.T. -0.01 min

Lab File: BF112200.D

Acq: 23 Jan 2019 14:29

Instrument :

BNA_F

ClientSampleId :

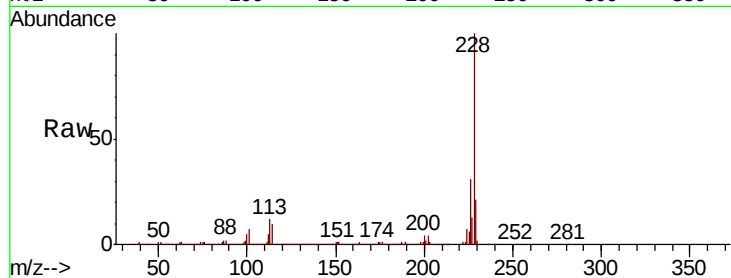
Tot Ion:228 Resp: 1575250

Ion Ratio Lower Upper

228 100

226 31.3 25.0 37.6

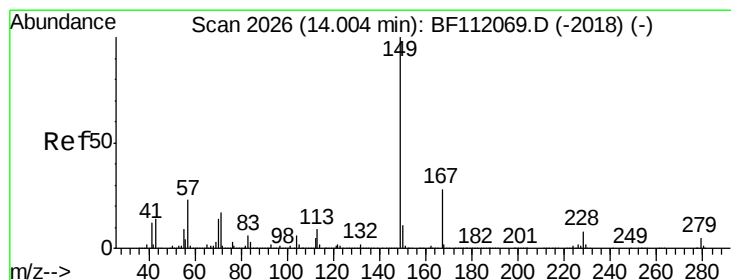
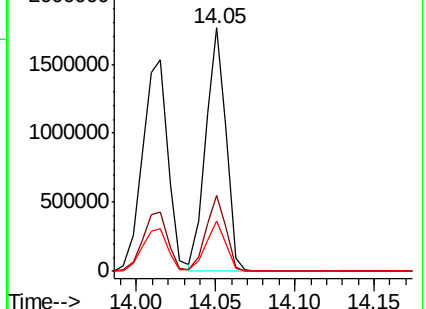
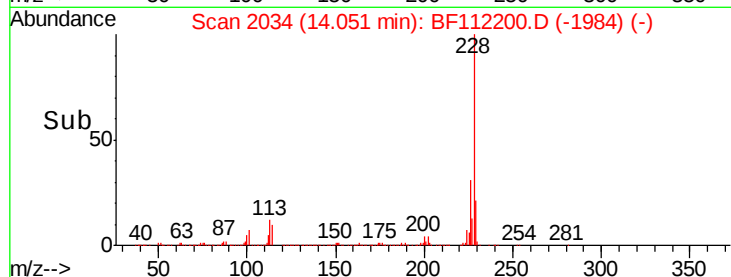
229 20.8 16.6 24.8



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 50.278 ng

RT: 13.99 min Scan# 2024

Delta R.T. -0.01 min

Lab File: BF112200.D

Acq: 23 Jan 2019 14:29

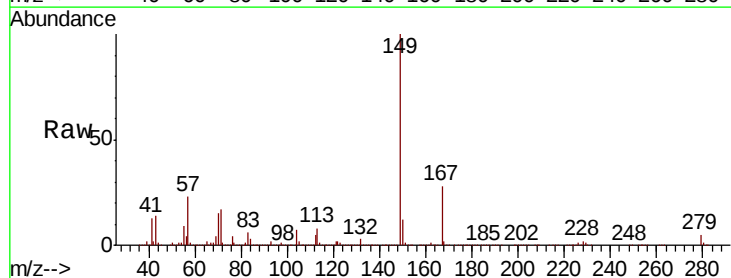
Tgt Ion:149 Resp: 1339445

Ion Ratio Lower Upper

149 100

167 28.1 22.5 33.7

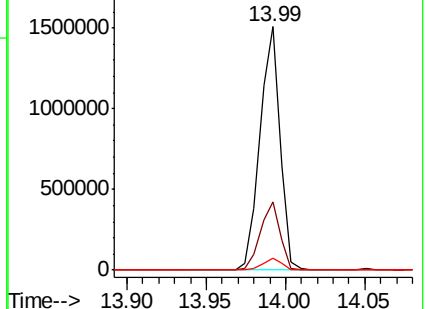
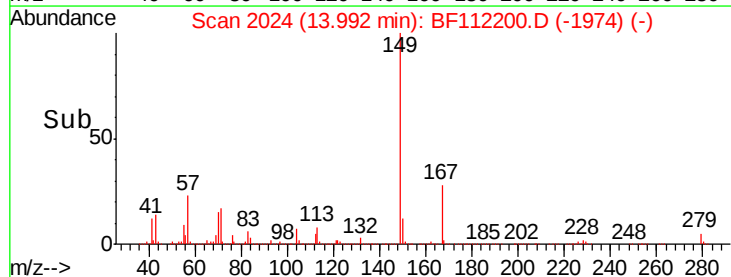
279 4.7 3.8 5.6

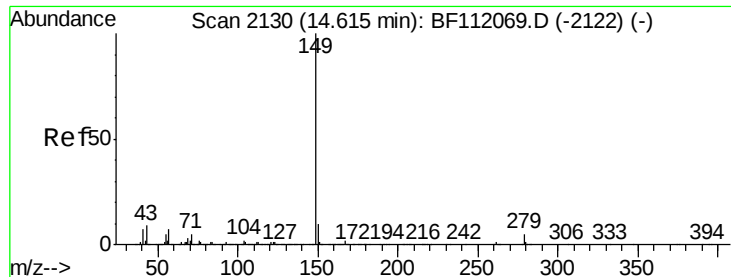


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 50.151 ng

RT: 14.60 min Scan# 2128

Delta R.T. -0.01 min

Lab File: BF112200.D

Acq: 23 Jan 2019 14:29

Instrument :

BNA_F

ClientSampleId :

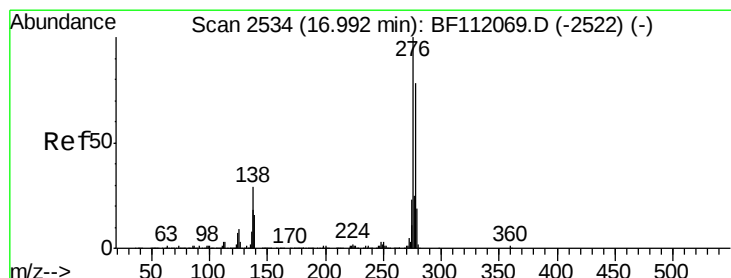
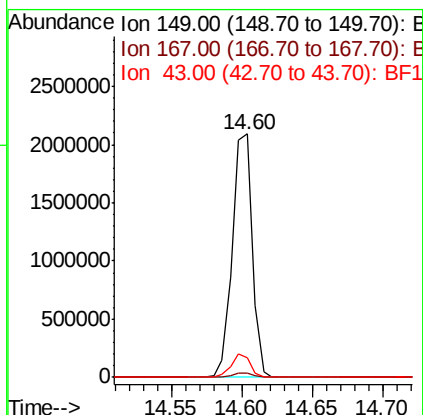
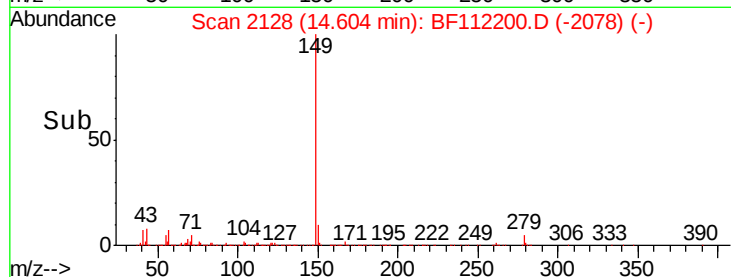
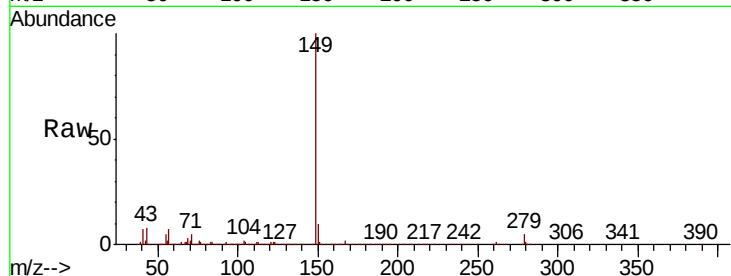
Tot Ion:149 Resp: 2058563

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 9.1 7.8 11.6



#86

Indeno(1,2,3-cd)pyrene

Concen: 48.808 ng

RT: 16.99 min Scan# 2533

Delta R.T. 0.00 min

Lab File: BF112200.D

Acq: 23 Jan 2019 14:29

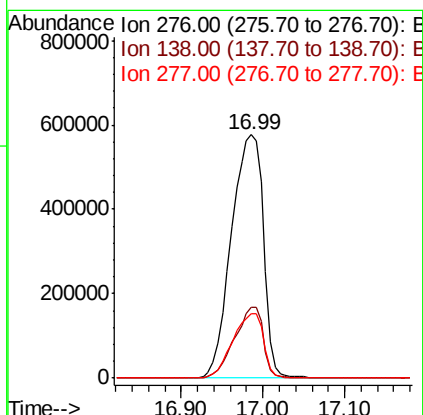
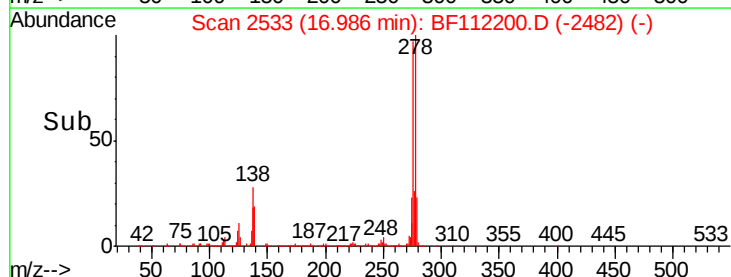
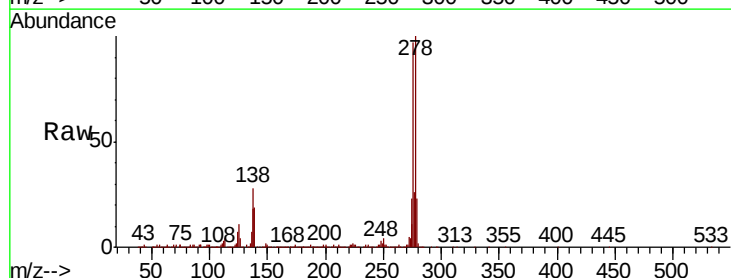
Tgt Ion:276 Resp: 1568992

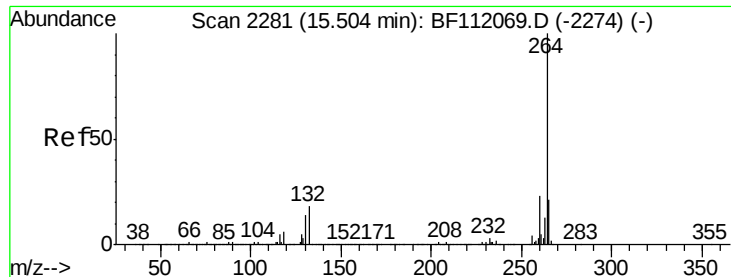
Ion Ratio Lower Upper

276 100

138 26.1 22.6 34.0

277 25.7 20.3 30.5





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.49 min Scan# 2279

Delta R.T. -0.01 min

Lab File: BF112200.D

Acq: 23 Jan 2019 14:29

Instrument :

BNA_F

ClientSampleId :

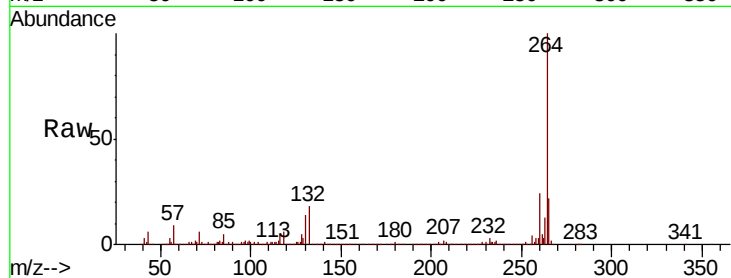
Tot Ion:264 Resp: 538415

Ion Ratio Lower Upper

264 100

260 24.3 18.2 27.2

265 21.6 17.0 25.4

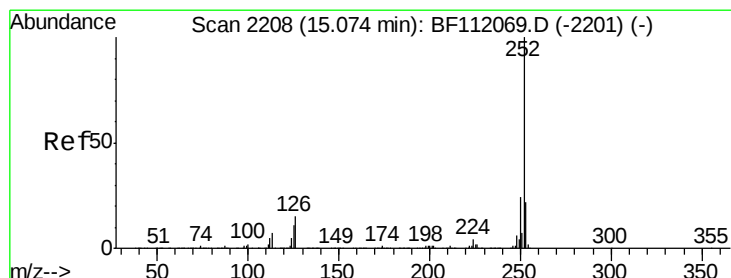
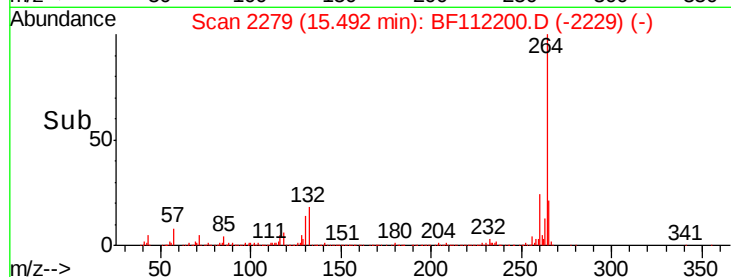
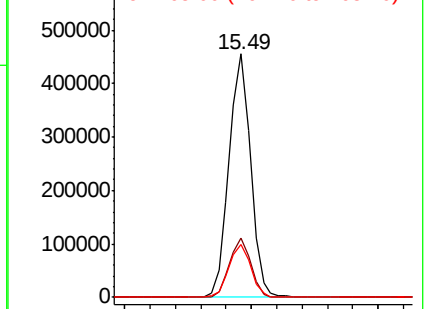


Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 49.684 ng

RT: 15.07 min Scan# 2207

Delta R.T. 0.00 min

Lab File: BF112200.D

Acq: 23 Jan 2019 14:29

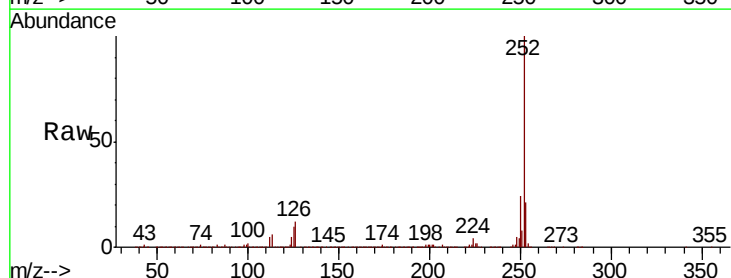
Tgt Ion:252 Resp: 1518478

Ion Ratio Lower Upper

252 100

253 21.0 18.0 27.0

125 9.8 8.7 13.1

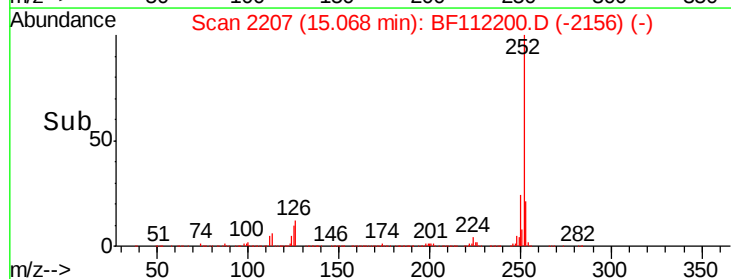
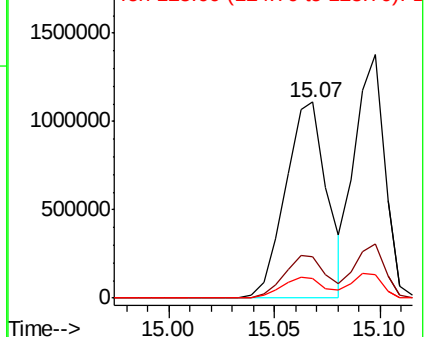


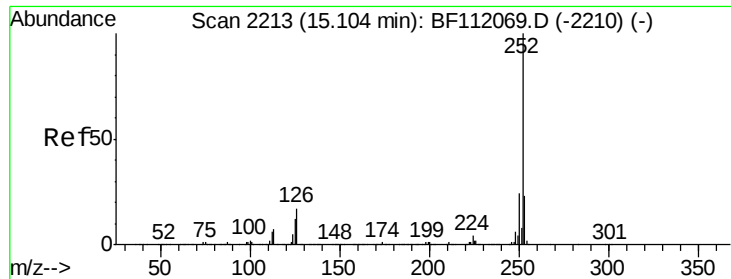
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

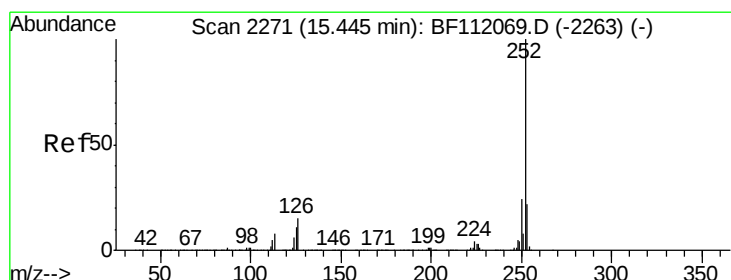
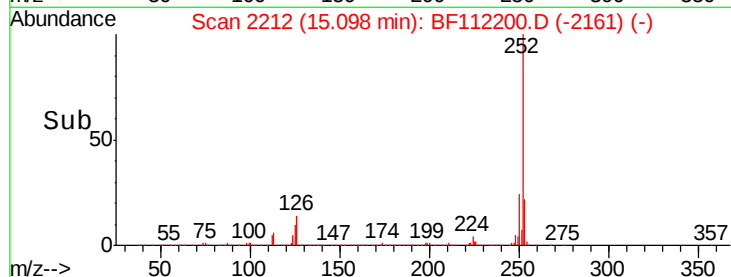
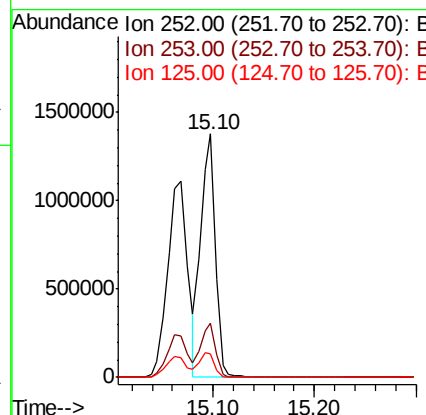
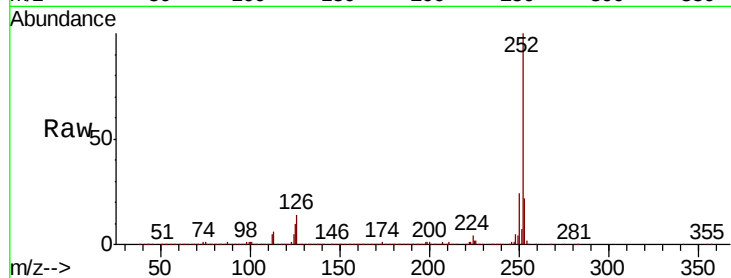




#89
Benzo(k)fluoranthene
Concen: 46.337 ng
RT: 15.10 min Scan# 2212
Delta R.T. 0.00 min
Lab File: BF112200.D
Acq: 23 Jan 2019 14:29

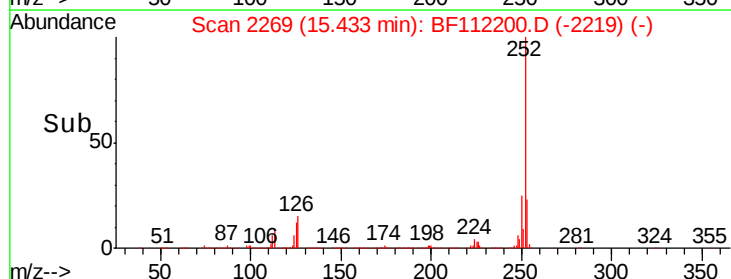
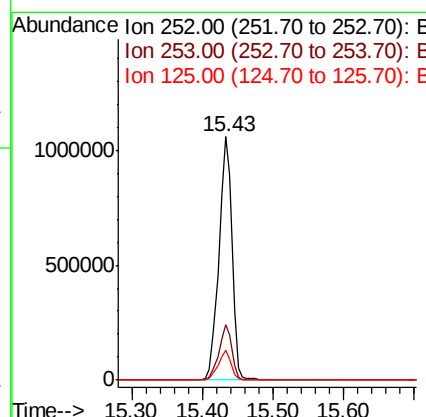
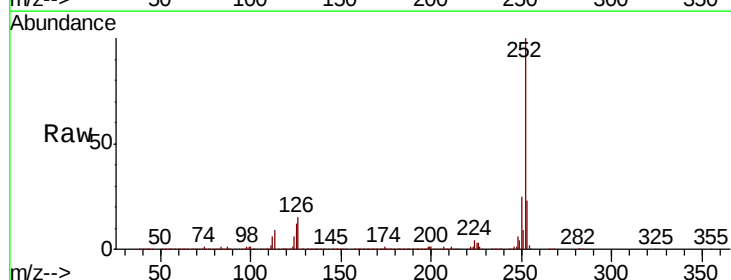
Instrument :
BNA_F
ClientSampleId :

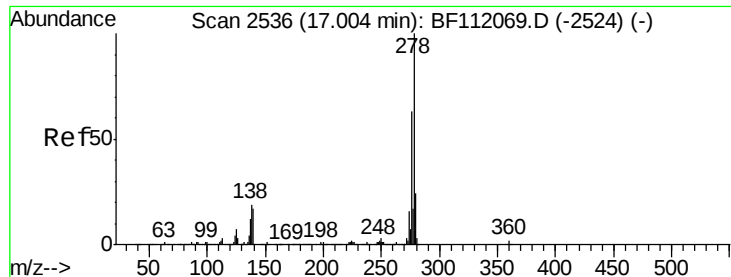
Tot Ion:252 Resp: 1370687
Ion Ratio Lower Upper
252 100
253 22.0 18.0 27.0
125 9.8 9.1 13.7



#90
Benzo(a)pyrene
Concen: 48.886 ng
RT: 15.43 min Scan# 2269
Delta R.T. -0.01 min
Lab File: BF112200.D
Acq: 23 Jan 2019 14:29

Tgt Ion:252 Resp: 1370191
Ion Ratio Lower Upper
252 100
253 22.6 17.5 26.3
125 12.2 9.0 13.4

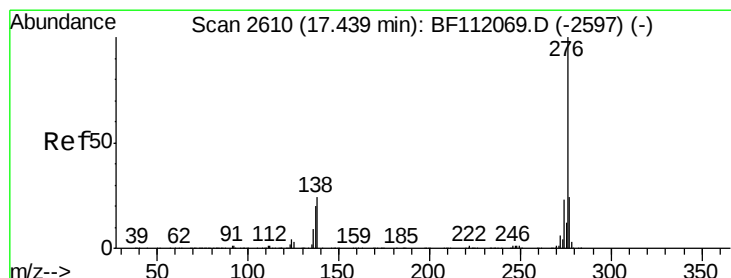
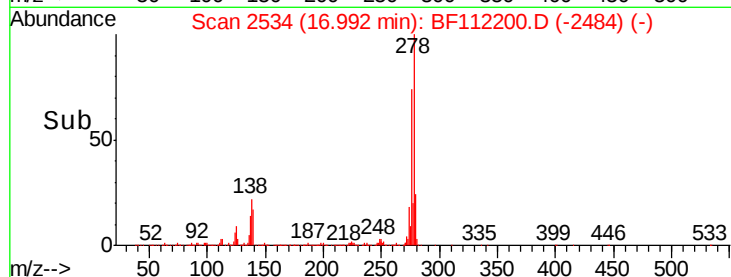
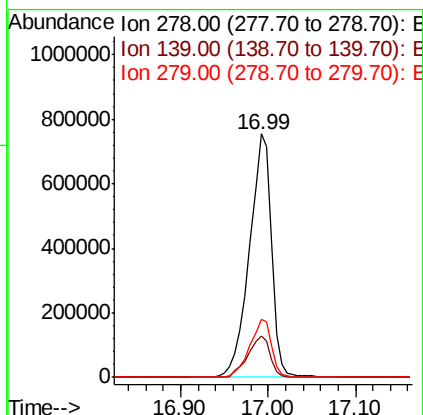
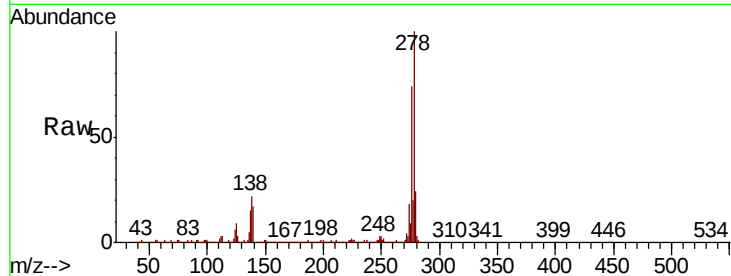




#91
Dibenzo(a,h)anthracene
Concen: 51.670 ng
RT: 16.99 min Scan# 2534
Delta R.T. -0.01 min
Lab File: BF112200.D
Acq: 23 Jan 2019 14:29

Instrument :
BNA_F
ClientSampleId :

Tot Ion:278 Resp: 1286258
Ion Ratio Lower Upper
278 100
139 17.0 13.7 20.5
279 23.9 19.0 28.6



#92
Benzo(g,h,i)perylene
Concen: 53.189 ng
RT: 17.43 min Scan# 2609
Delta R.T. 0.01 min
Lab File: BF112200.D
Acq: 23 Jan 2019 14:29

Tgt Ion:276 Resp: 1304440
Ion Ratio Lower Upper
276 100
277 24.0 19.4 29.0
138 23.1 19.1 28.7

