

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012319\
 Data File : BF112195.D
 Acq On : 23 Jan 2019 12:02
 Operator : JU/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 23 13:09:09 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	247477	20.00	ng	0.00
21) Naphthalene-d8	8.14	136	935956	20.00	ng	0.00
39) Acenaphthene-d10	9.89	164	472850	20.00	ng	0.00
64) Phenanthrene-d10	11.38	188	938703	20.00	ng	0.00
76) Chrysene-d12	14.03	240	714856	20.00	ng	0.00
87) Perylene-d12	15.49	264	569470	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.49	112	1083259	79.45	ng	0.00
7) Phenol-d6	6.50	99	1334487	78.23	ng	0.00
23) Nitrobenzene-d5	7.42	82	1267706	93.58	ng	0.00
42) 2,4,6-Tribromophenol	10.69	330	460100	90.20	ng	0.00
45) 2-Fluorobiphenyl	9.22	172	2492072	77.27	ng	0.00
79) Terphenyl-d14	12.96	244	2905591	86.47	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.62	88	229773	35.931	ng	96
3) Pyridine	3.37	79	584117	36.470	ng	98
4) n-Nitrosodimethylamine	3.33	42	237010	36.447	ng	97
6) Aniline	6.52	93	807965	38.941	ng	# 67
8) 2-Chlorophenol	6.65	128	641326	40.499	ng	97
9) Benzaldehyde	6.40	77	351844	37.490	ng	94
10) Phenol	6.52	94	733529	39.344	ng	94
11) bis(2-Chloroethyl)ether	6.59	93	572853	38.644	ng	99
12) 1,3-Dichlorobenzene	6.80	146	726007	40.173	ng	99
13) 1,4-Dichlorobenzene	6.87	146	738463	39.948	ng	99
14) 1,2-Dichlorobenzene	7.03	146	683296	40.129	ng	98
15) Benzyl Alcohol	7.00	79	535177	42.108	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.13	45	740967	34.661	ng	84
17) 2-Methylphenol	7.12	107	480044	40.366	ng	96
18) Hexachloroethane	7.37	117	260456	42.215	ng	92
19) n-Nitroso-di-n-propylamine	7.27	70	429732	41.350	ng	98
20) 3+4-Methylphenols	7.27	107	611618	42.417	ng	90
22) Acetophenone	7.26	105	878617	40.520	ng	99
24) Nitrobenzene	7.44	77	638913	44.501	ng	94
25) Isophorone	7.67	82	1042776	39.851	ng	99
26) 2-Nitrophenol	7.75	139	358381	48.528	ng	92
27) 2,4-Dimethylphenol	7.79	122	487451	40.132	ng	95
28) bis(2-Chloroethoxy)methane	7.88	93	708062	39.448	ng	99
29) 2,4-Dichlorophenol	8.00	162	552832	41.665	ng	99
30) 1,2,4-Trichlorobenzene	8.08	180	618613	40.174	ng	99
31) Naphthalene	8.16	128	1725152	40.525	ng	99
32) Benzoic acid	7.93	122	234817	43.727	ng	99
33) 4-Chloroaniline	8.21	127	775721	40.546	ng	98
34) Hexachlorobutadiene	8.27	225	356095	41.556	ng	98
35) Caprolactam	8.59	113	190391	40.998	ng	93
36) 4-Chloro-3-methylphenol	8.70	107	551644	42.567	ng	98
37) 2-Methylnaphthalene	8.85	142	1180399	40.834	ng	96
38) 1-Methylnaphthalene	8.95	142	1129842	40.669	ng	98
40) 1,2,4,5-Tetrachlorobenzene	9.02	216	611884	40.298	ng	99

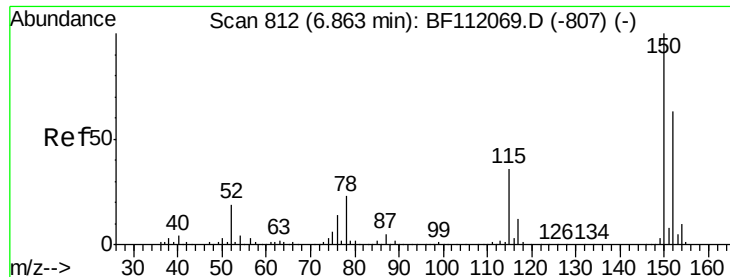
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012319\
 Data File : BF112195.D
 Acq On : 23 Jan 2019 12:02
 Operator : JU/SJ
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 23 13:09:09 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)
41) Hexachlorocyclopentadiene	9.00	237	169840	33.104	ng	99
43) 2,4,6-Trichlorophenol	9.13	196	391133	43.061	ng	98
44) 2,4,5-Trichlorophenol	9.18	196	410838	42.467	ng	97
46) 1,1'-Biphenyl	9.32	154	1596566	40.380	ng	98
47) 2-Chloronaphthalene	9.34	162	1246683	40.281	ng	95
48) 2-Nitroaniline	9.43	65	345108	49.505	ng	91
49) Acenaphthylene	9.76	152	1821856	40.339	ng	99
50) Dimethylphthalate	9.61	163	1436783	41.665	ng	100
51) 2,6-Dinitrotoluene	9.67	165	334109	48.516	ng #	86
52) Acenaphthene	9.93	154	1096227	39.671	ng	99
53) 3-Nitroaniline	9.85	138	367828	47.764	ng #	98
54) 2,4-Dinitrophenol	9.96	184	102997	56.595	ng	95
55) Dibenzofuran	10.10	168	1678973	40.177	ng	95
56) 4-Nitrophenol	10.02	139	215557	42.050	ng	98
57) 2,4-Dinitrotoluene	10.09	165	426668	48.239	ng	92
58) Fluorene	10.45	166	1260609	40.375	ng	97
59) 2,3,4,6-Tetrachlorophenol	10.22	232	322568	44.186	ng	97
60) Diethylphthalate	10.31	149	1437681	42.710	ng	100
61) 4-Chlorophenyl-phenylether	10.43	204	687327	40.796	ng	99
62) 4-Nitroaniline	10.46	138	360445	47.136	ng	97
63) Azobenzene	10.59	77	1294527	40.159	ng	97
65) 4,6-Dinitro-2-methylphenol	10.50	198	199215	50.279	ng	89
66) n-Nitrosodiphenylamine	10.55	169	1233529	39.749	ng	98
67) 4-Bromophenyl-phenylether	10.92	248	443622	40.686	ng	95
68) Hexachlorobenzene	11.00	284	467451	39.799	ng	99
69) Atrazine	11.08	200	412171	41.160	ng	97
70) Pentachlorophenol	11.19	266	218952	41.918	ng	98
71) Phenanthrene	11.40	178	1875727	39.705	ng	99
72) Anthracene	11.46	178	1877955	39.242	ng	99
73) Carbazole	11.61	167	1869333	38.994	ng	98
74) Di-n-butylphthalate	11.93	149	2288523	42.439	ng	99
75) Fluoranthene	12.59	202	1966405	39.424	ng	99
77) Benzidine	12.71	184	702226	29.442	ng	98
78) Pyrene	12.82	202	1985184	42.092	ng	99
80) Butylbenzylphthalate	13.43	149	1000284	48.345	ng	96
81) Benzo(a)anthracene	14.01	228	1667998	40.695	ng	99
82) 3,3'-Dichlorobenzidine	13.97	252	641274	41.777	ng	99
83) Chrysene	14.05	228	1571981	40.532	ng	100
84) Bis(2-ethylhexyl)phthalate	13.99	149	1414284	47.694	ng	100
85) Di-n-octyl phthalate	14.60	149	2134997	46.729	ng	99
86) Indeno(1,2,3-cd)pyrene	16.99	276	1265001	35.354	ng	98
88) Benzo(b)fluoranthene	15.06	252	1417577	43.853	ng	99
89) Benzo(k)fluoranthene	15.09	252	1269797	40.586	ng	100
90) Benzo(a)pyrene	15.43	252	1224378	41.302	ng	98
91) Dibenzo(a,h)anthracene	16.99	278	1070997	40.676	ng	100
92) Benzo(g,h,i)perylene	17.43	276	1010856	38.970	ng	98

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

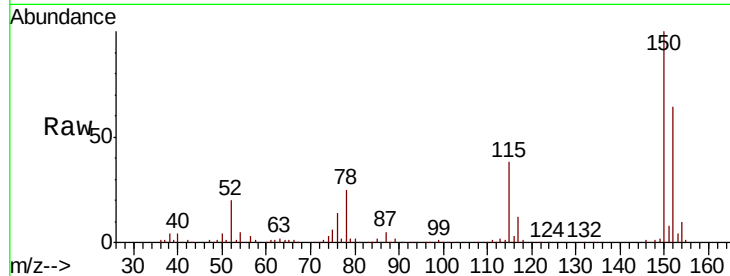


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 810
Delta R.T. -0.01 min
Lab File: BF112195.D
Acq: 23 Jan 2019 12:02

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.2	127.4	191.0
115	59.8	45.5	68.3

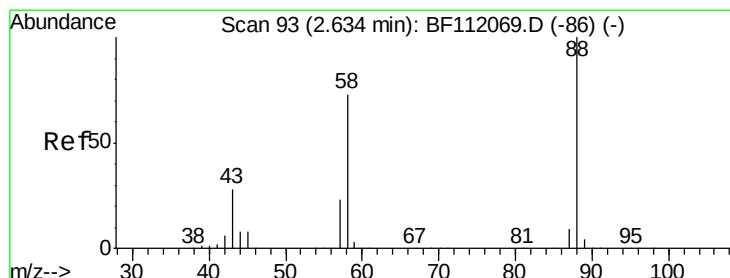
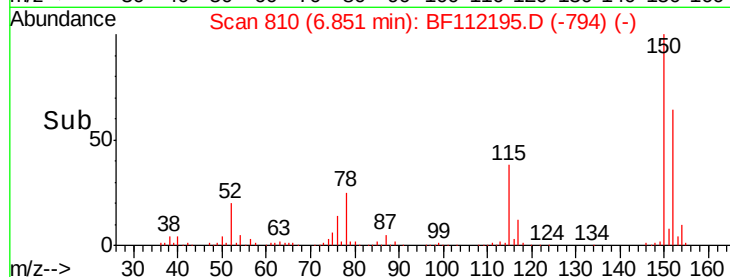
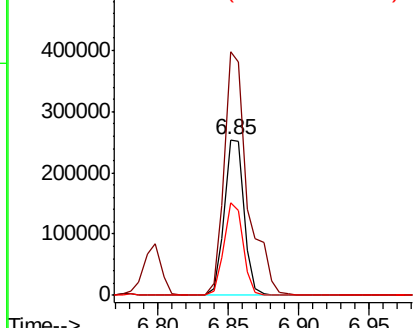


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

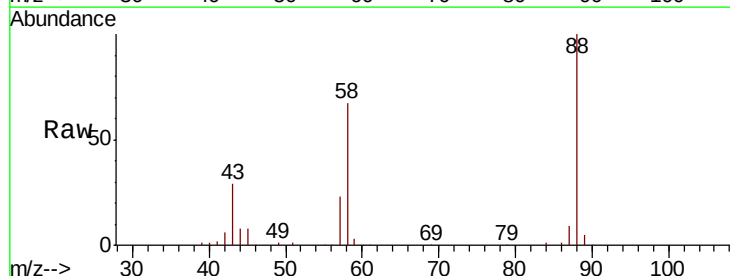
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 35.931 ng
RT: 2.62 min Scan# 90
Delta R.T. -0.02 min
Lab File: BF112195.D
Acq: 23 Jan 2019 12:02

Tgt Ion	Ratio	Lower	Upper
88	100		
58	67.4	57.4	86.2
43	29.1	22.2	33.4

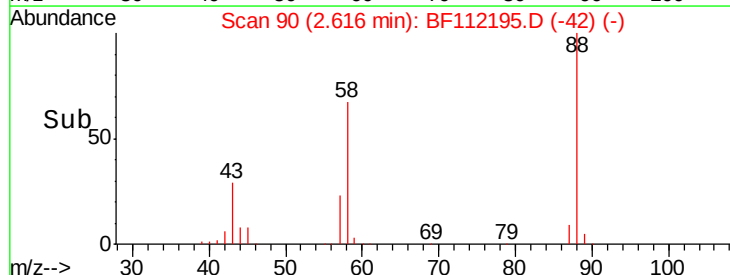
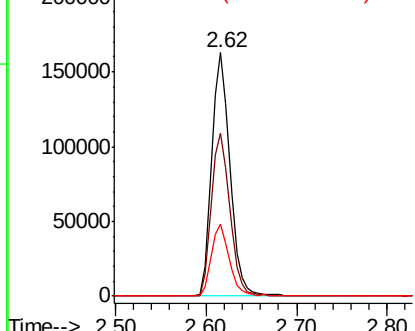


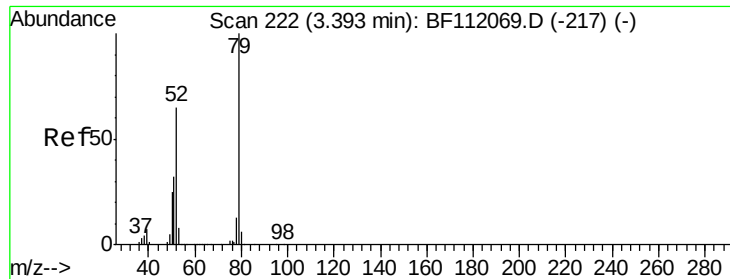
Abundance

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: 36.470 ng

RT: 3.37 min Scan# 219

Delta R.T. -0.01 min

Lab File: BF112195.D

Acq: 23 Jan 2019 12:02

Instrument :

BNA_F

ClientSampleId :

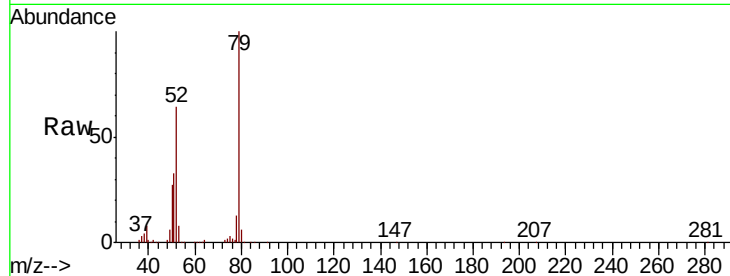
Tot Ion: 79 Resp: 584117

Ion Ratio Lower Upper

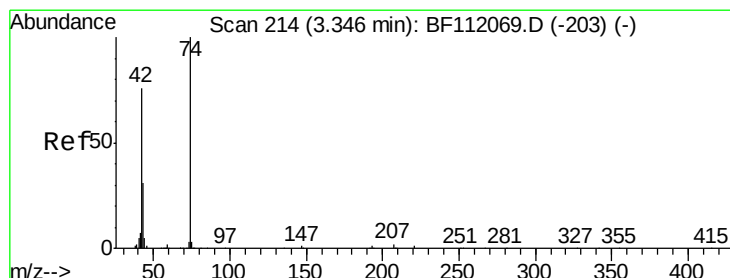
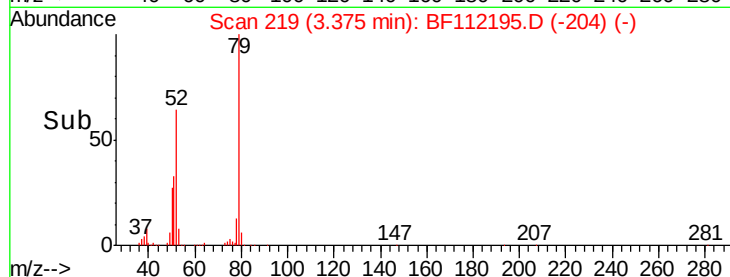
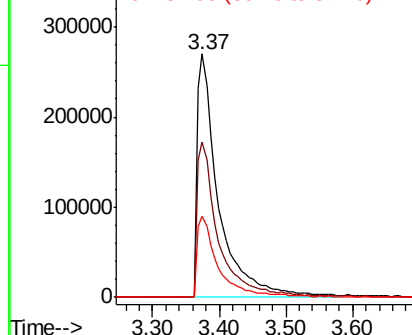
79 100

52 63.7 52.4 78.6

51 33.4 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: 36.447 ng

RT: 3.33 min Scan# 211

Delta R.T. -0.01 min

Lab File: BF112195.D

Acq: 23 Jan 2019 12:02

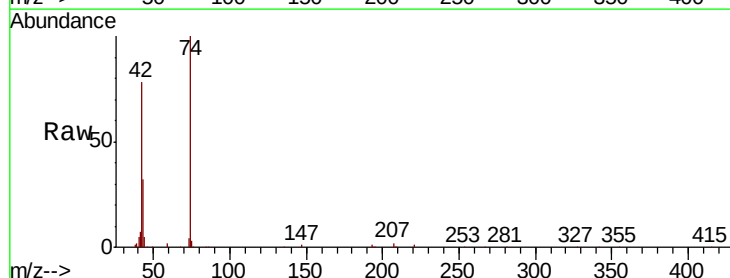
Tgt Ion: 42 Resp: 237010

Ion Ratio Lower Upper

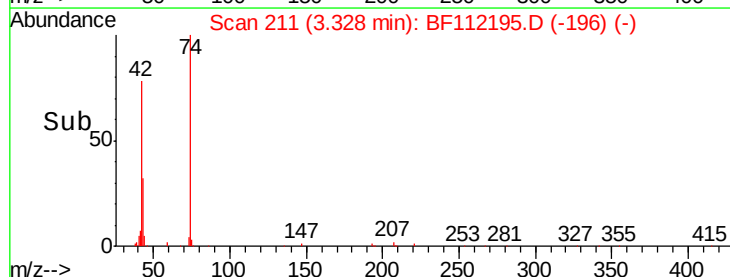
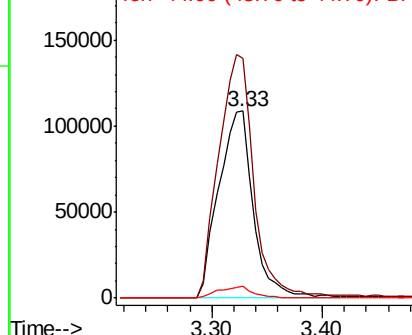
42 100

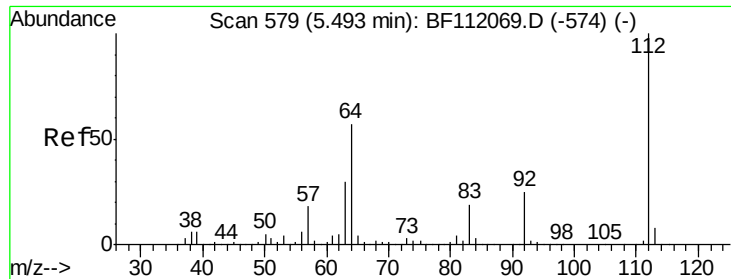
74 128.2 105.6 158.4

44 6.1 5.4 8.2



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





#5

2-Fluorophenol

Concen: 79.448 ng

RT: 5.49 min Scan# 578

Delta R.T. -0.01 min

Lab File: BF112195.D

Acq: 23 Jan 2019 12:02

Instrument :

BNA_F

ClientSampled :

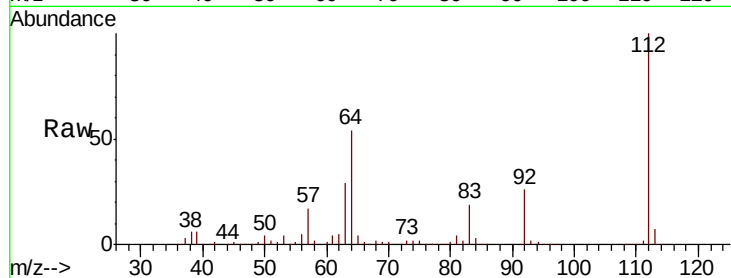
Tot Ion:112 Resp: 1083259

Ion Ratio Lower Upper

112 100

64 53.8 45.7 68.5

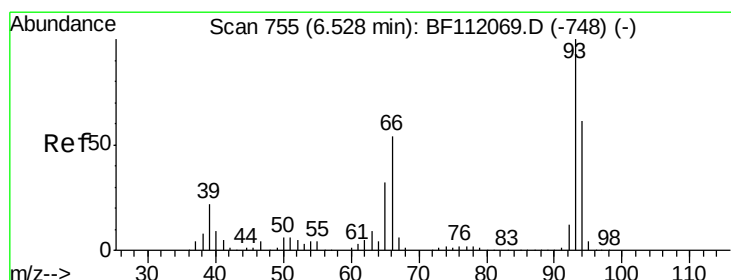
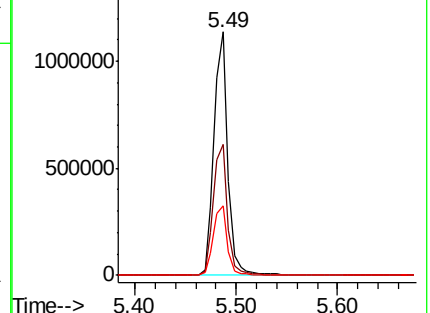
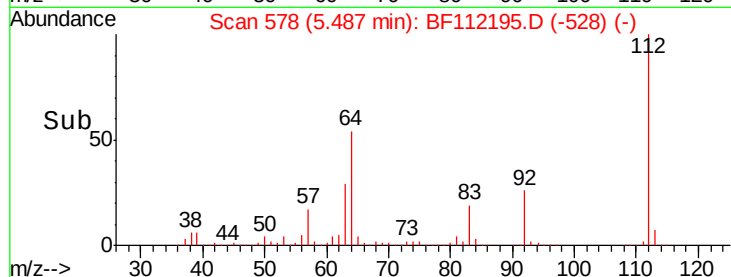
63 28.8 23.6 35.4



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 38.941 ng

RT: 6.52 min Scan# 753

Delta R.T. -0.01 min

Lab File: BF112195.D

Acq: 23 Jan 2019 12:02

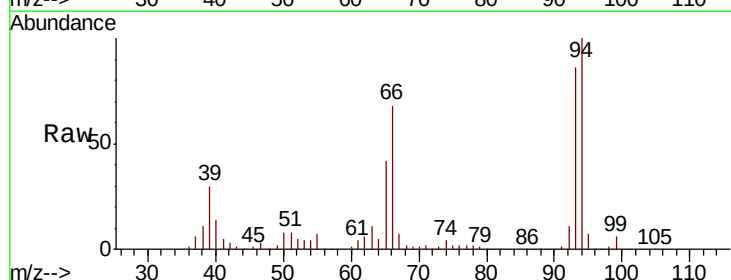
Tgt Ion: 93 Resp: 807965

Ion Ratio Lower Upper

93 100

66 78.7 43.4 65.2#

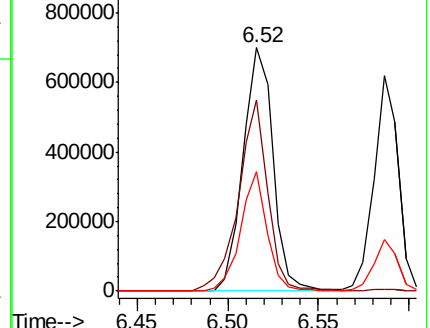
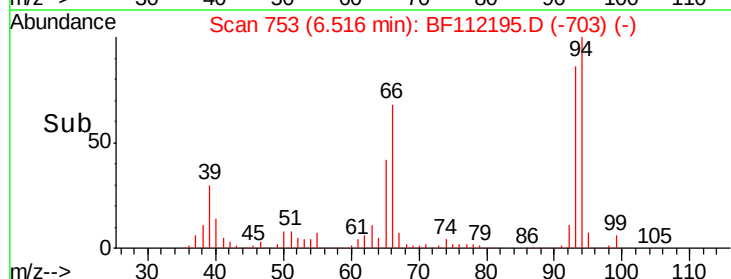
65 49.1 25.3 37.9#

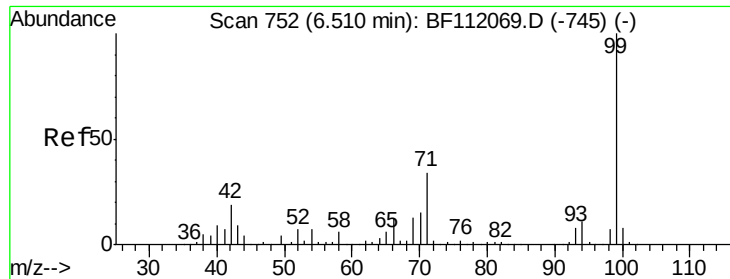


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 78.227 ng

RT: 6.50 min Scan# 750

Delta R.T. -0.01 min

Lab File: BF112195.D

Acq: 23 Jan 2019 12:02

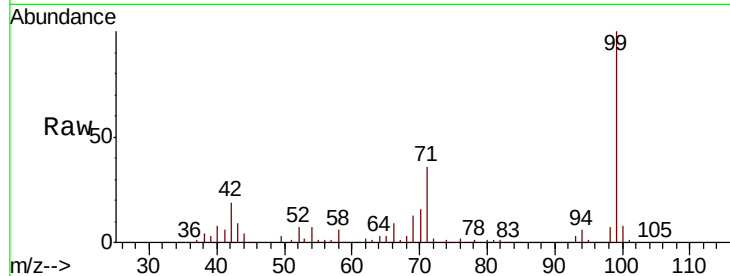
Instrument :

BNA_F

ClientSampled :

Tot Ion: 99 Resp: 1334487

Ion	Ratio	Lower	Upper
99	100		
42	18.7	15.1	22.7
71	36.1	26.9	40.3

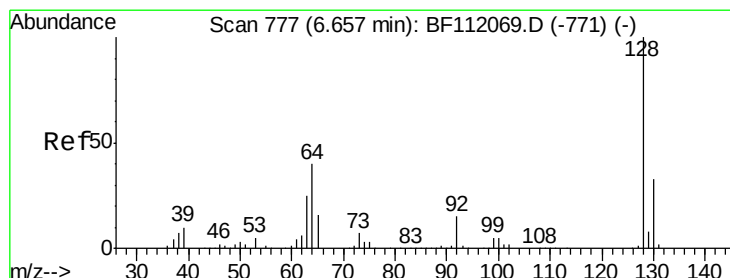
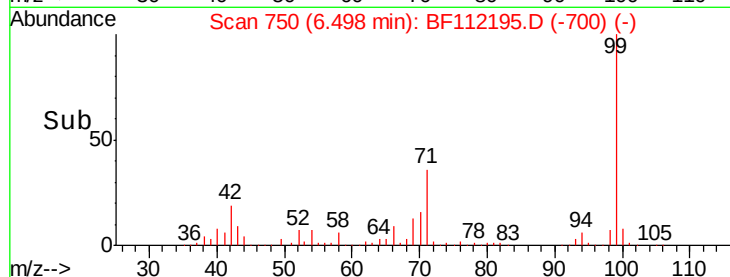


Abundance

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: 40.499 ng

RT: 6.65 min Scan# 775

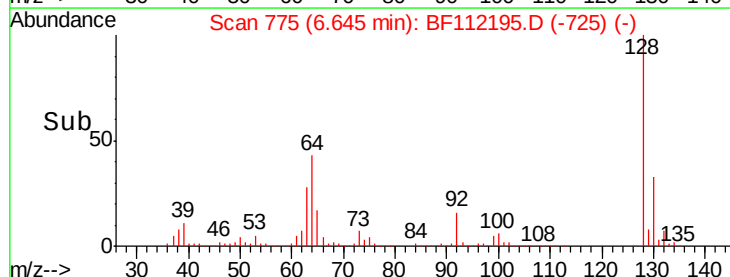
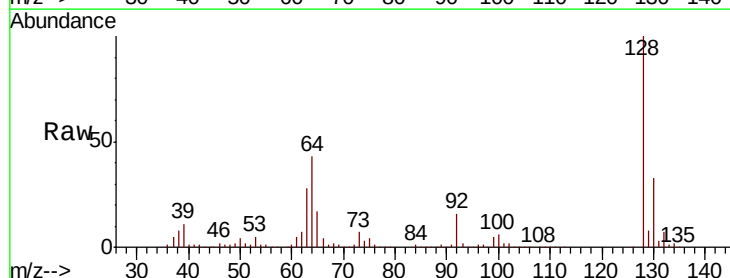
Delta R.T. -0.01 min

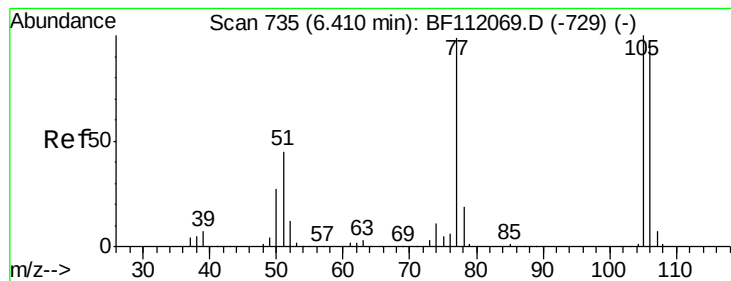
Lab File: BF112195.D

Acq: 23 Jan 2019 12:02

Tgt Ion:128 Resp: 641326

Ion	Ratio	Lower	Upper
128	100		
130	33.1	13.4	53.4
64	43.3	20.5	60.5





#9

Benzaldehyde

Concen: 37.490 ng

RT: 6.40 min Scan# 734

Delta R.T. 0.00 min

Lab File: BF112195.D

Acq: 23 Jan 2019 12:02

Instrument :

BNA_F

ClientSampleId :

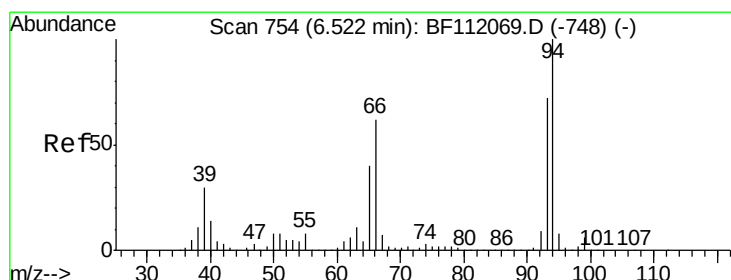
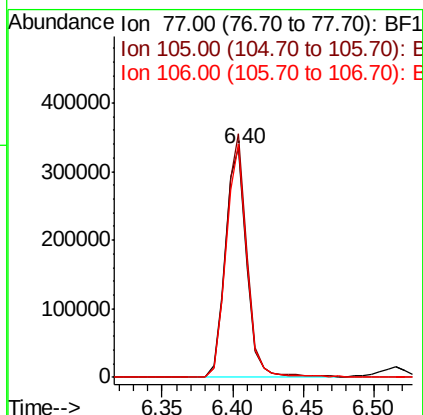
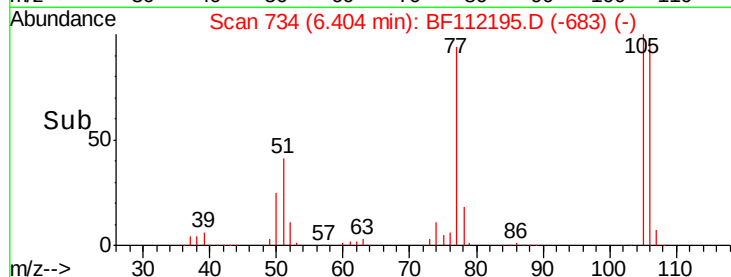
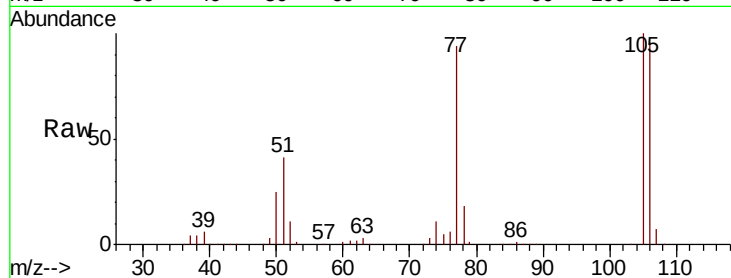
Tot Ion: 77 Resp: 351844

Ion Ratio Lower Upper

77 100

105 106.2 80.8 120.8

106 101.9 75.7 115.7



#10

Phenol

Concen: 39.344 ng

RT: 6.52 min Scan# 753

Delta R.T. -0.01 min

Lab File: BF112195.D

Acq: 23 Jan 2019 12:02

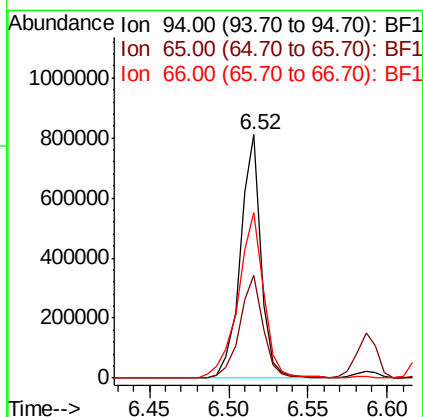
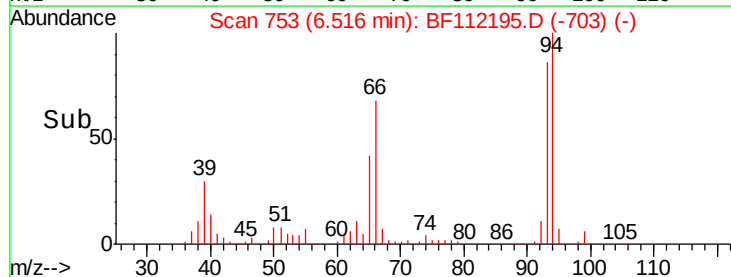
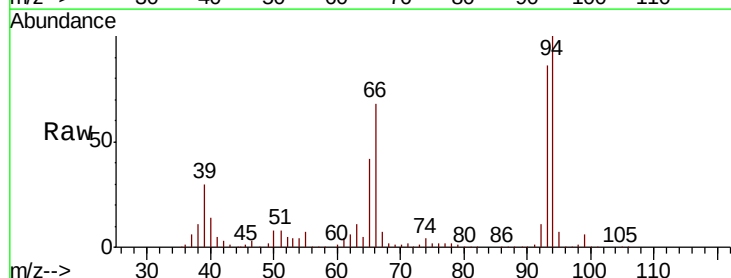
Tgt Ion: 94 Resp: 733529

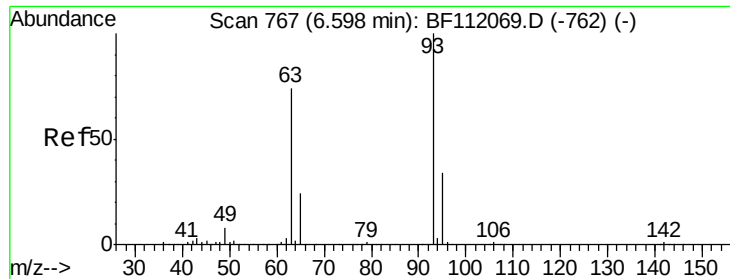
Ion Ratio Lower Upper

94 100

65 42.4 20.3 60.3

66 67.9 42.4 82.4

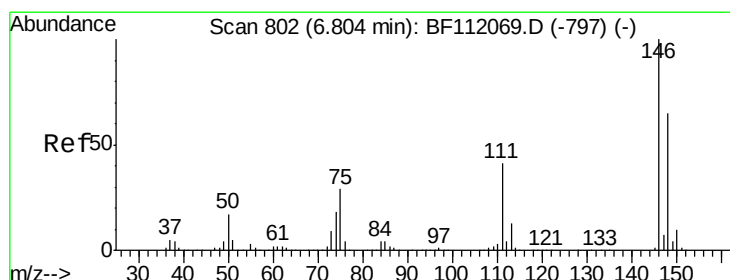
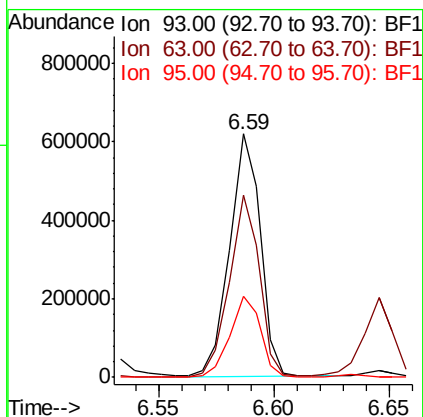
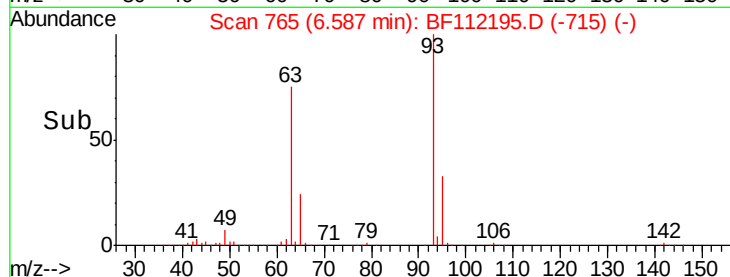
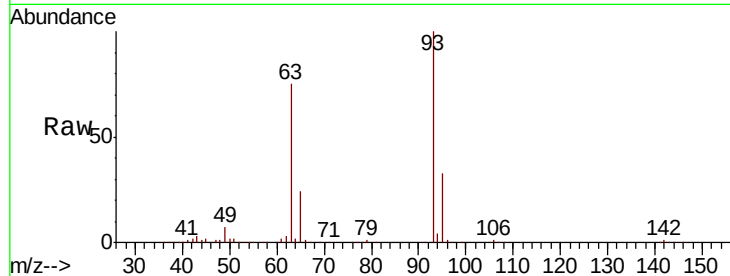




#11
bis(2-Chloroethyl)ether
Concen: 38.644 ng
RT: 6.59 min Scan# 765
Delta R.T. -0.01 min
Lab File: BF112195.D
Acq: 23 Jan 2019 12:02

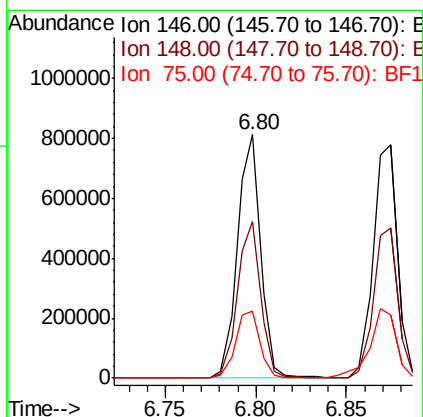
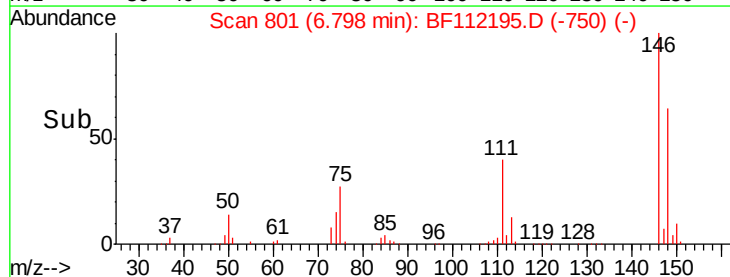
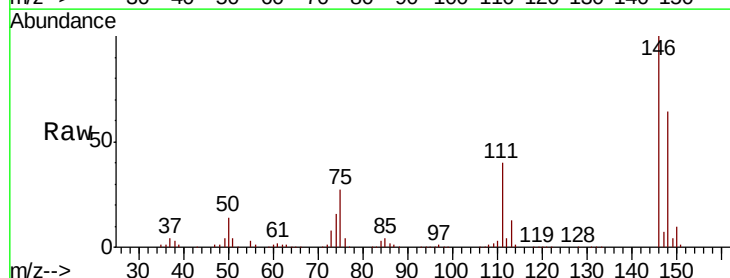
Instrument :
BNA_F
ClientSampleId :

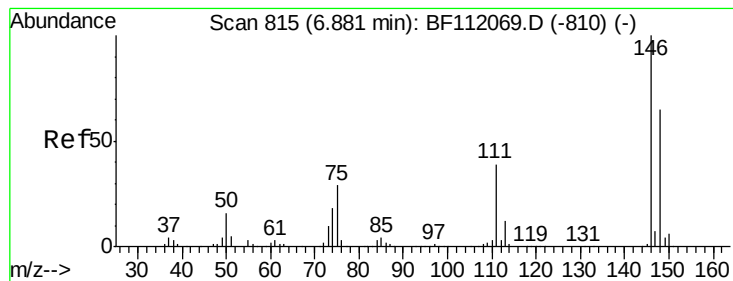
Tot Ion: 93 Resp: 572853
Ion Ratio Lower Upper
93 100
63 74.9 53.3 93.3
95 33.4 13.4 53.4



#12
1,3-Dichlorobenzene
Concen: 40.173 ng
RT: 6.80 min Scan# 801
Delta R.T. 0.00 min
Lab File: BF112195.D
Acq: 23 Jan 2019 12:02

Tgt Ion: 146 Resp: 726007
Ion Ratio Lower Upper
146 100
148 64.4 51.8 77.8
75 27.4 23.1 34.7





#13

1,4-Dichlorobenzene

Concen: 39.948 ng

RT: 6.87 min Scan# 814

Delta R.T. 0.00 min

Lab File: BF112195.D

Acq: 23 Jan 2019 12:02

Instrument :

BNA_F

ClientSampleId :

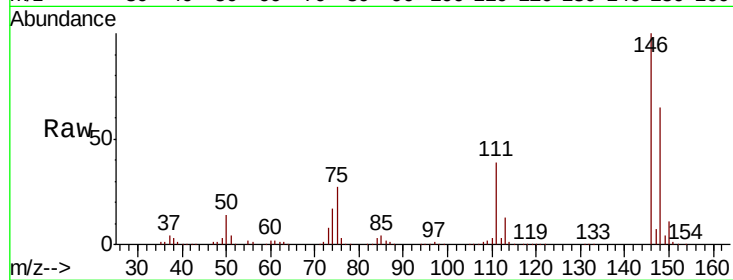
Tot Ion:146 Resp: 738463

Ion Ratio Lower Upper

146 100

148 64.6 52.0 78.0

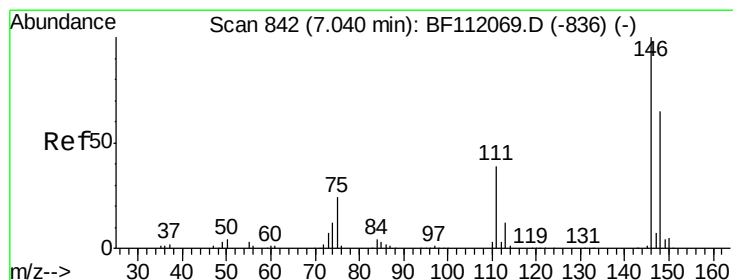
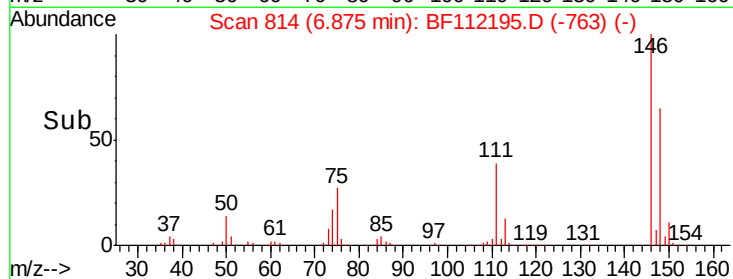
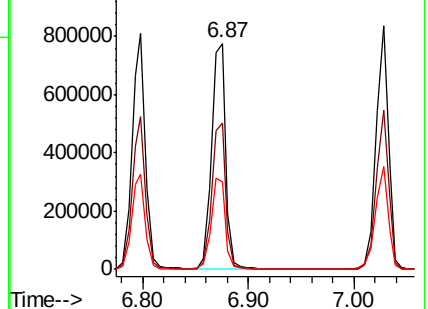
111 38.5 31.2 46.8



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 40.129 ng

RT: 7.03 min Scan# 840

Delta R.T. -0.01 min

Lab File: BF112195.D

Acq: 23 Jan 2019 12:02

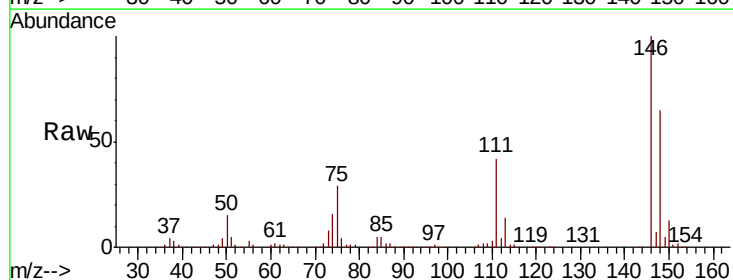
Tgt Ion:146 Resp: 683296

Ion Ratio Lower Upper

146 100

148 65.1 52.2 78.4

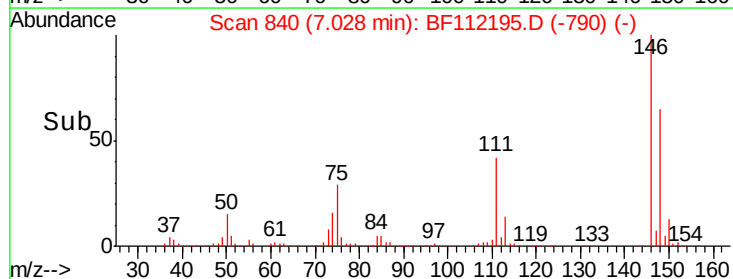
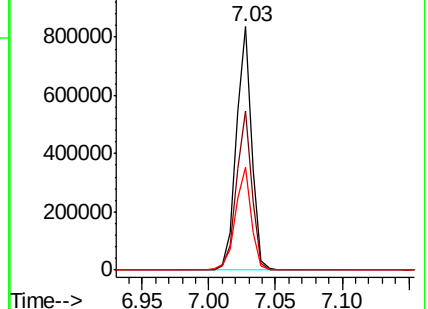
111 42.3 31.2 46.8

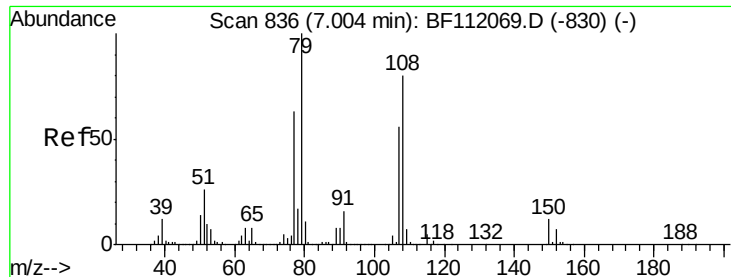


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 42.108 ng

RT: 7.00 min Scan# 835

Delta R.T. -0.01 min

Lab File: BF112195.D

Acq: 23 Jan 2019 12:02

Instrument :

BNA_F

ClientSampleId :

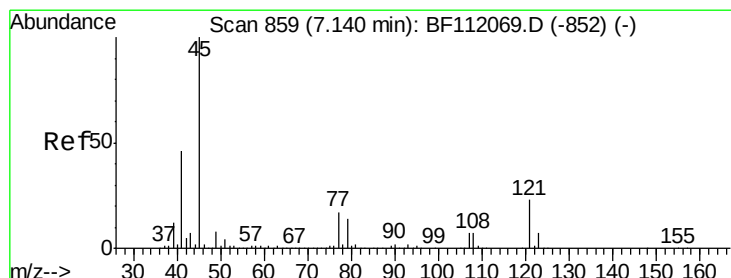
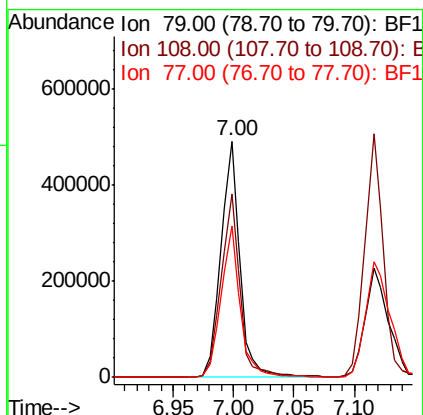
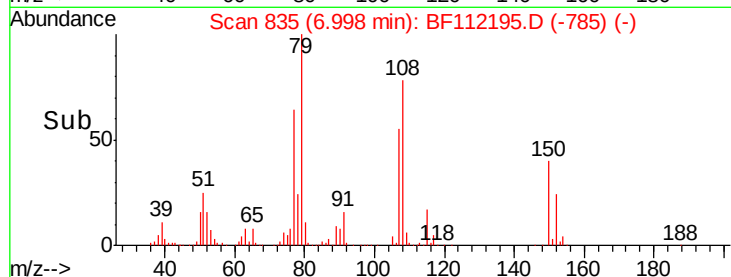
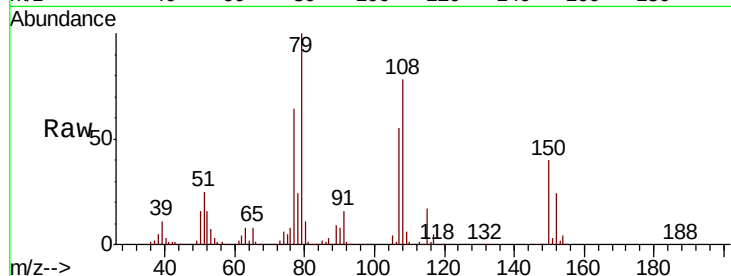
Tot Ion: 79 Resp: 535177

Ion Ratio Lower Upper

79 100

108 77.7 64.2 96.2

77 63.9 50.3 75.5



#16

2,2'-oxybis(1-chloropropane)

Concen: 34.661 ng

RT: 7.13 min Scan# 857

Delta R.T. -0.01 min

Lab File: BF112195.D

Acq: 23 Jan 2019 12:02

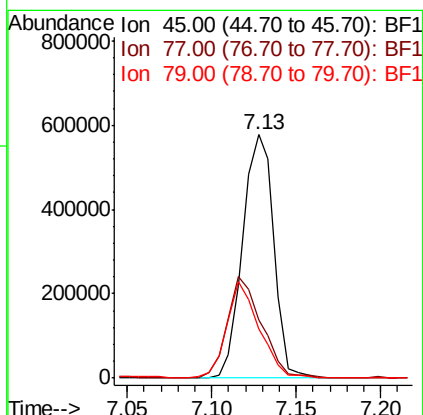
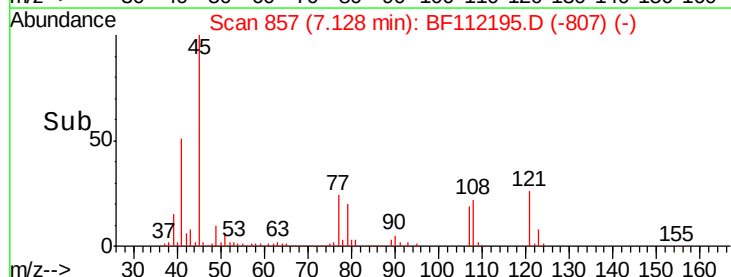
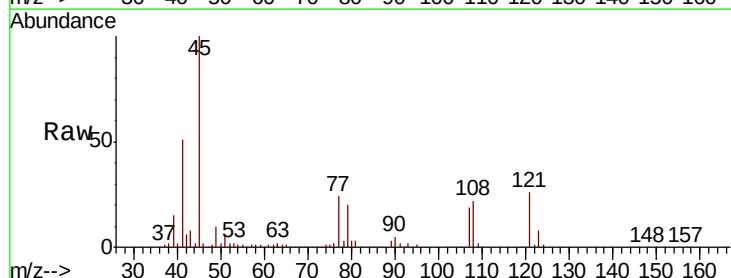
Tgt Ion: 45 Resp: 740967

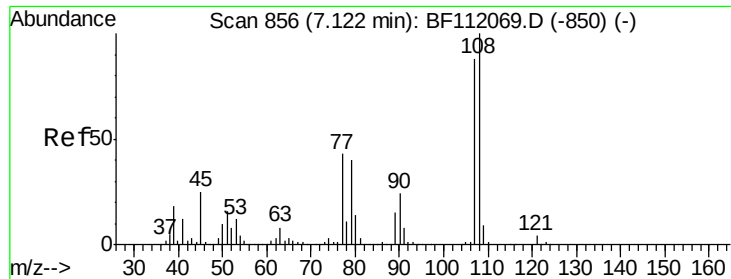
Ion Ratio Lower Upper

45 100

77 24.0 0.0 36.9

79 20.0 0.0 34.0

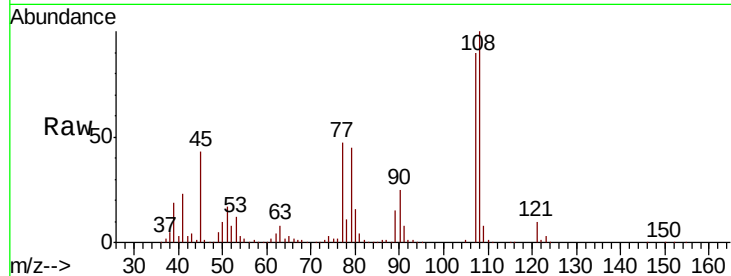




#17
2-Methylphenol
Concen: 40.366 ng
RT: 7.12 min Scan# 855
Delta R.T. -0.01 min
Lab File: BF112195.D
Acq: 23 Jan 2019 12:02

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
107	100		
108	110.9	91.3	136.9
77	52.5	39.0	58.6
79	50.0	37.0	55.4



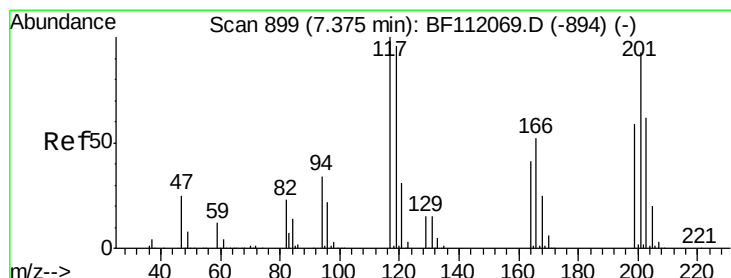
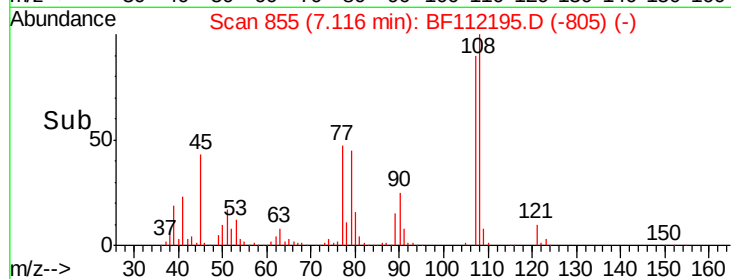
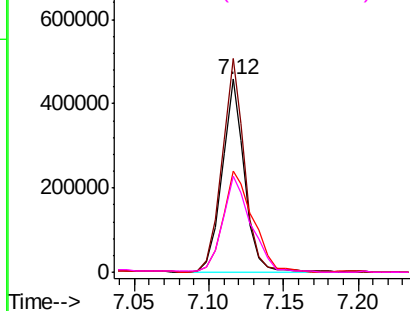
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

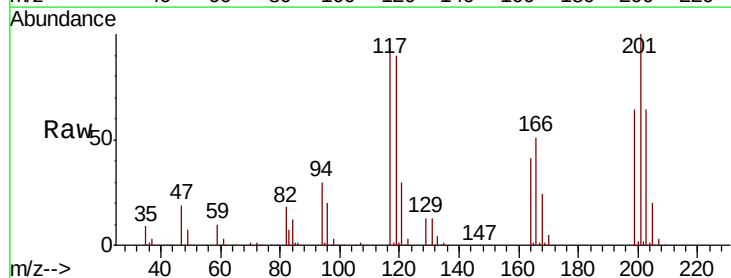
Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18
Hexachloroethane
Concen: 42.215 ng
RT: 7.37 min Scan# 898
Delta R.T. 0.00 min
Lab File: BF112195.D
Acq: 23 Jan 2019 12:02

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.8	77.0	115.4
201	107.0	74.1	111.1

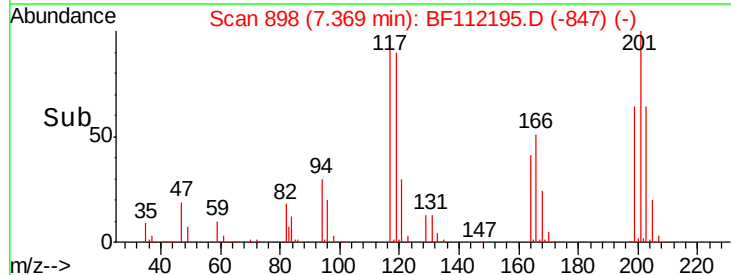
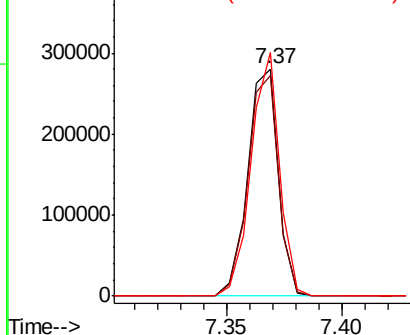


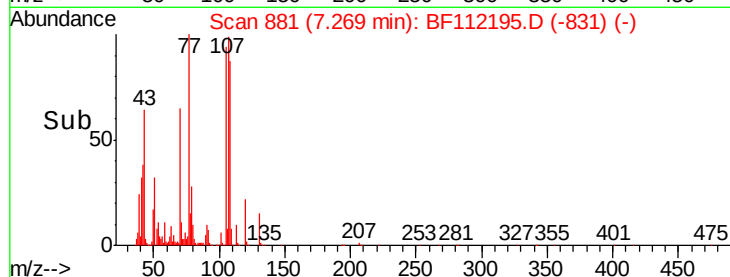
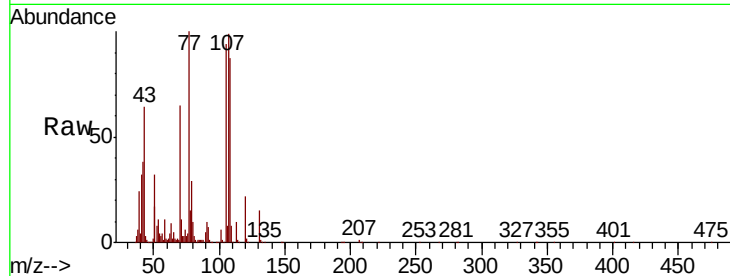
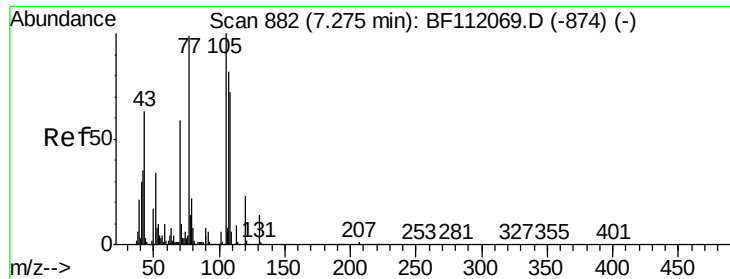
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

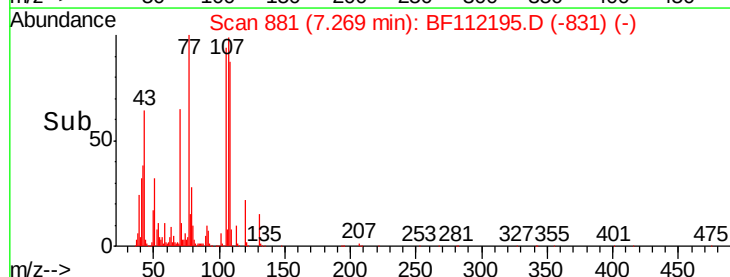
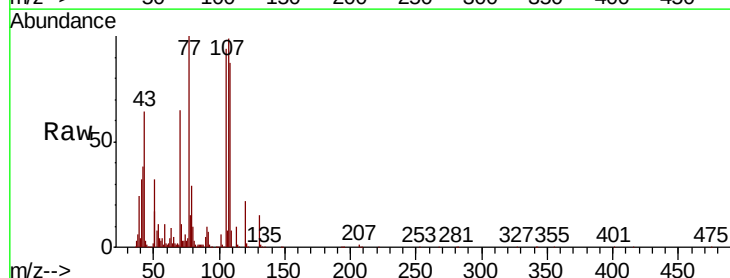
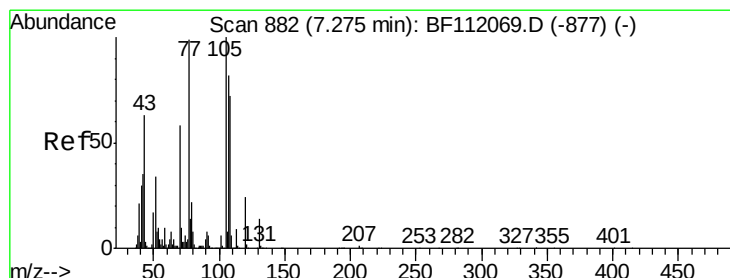
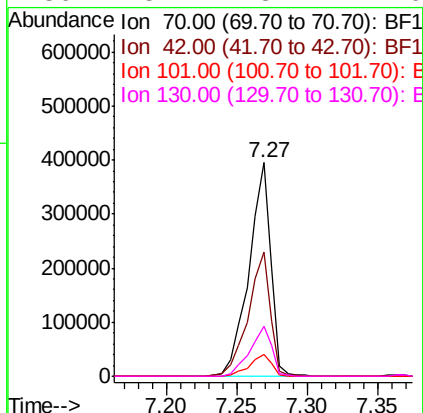




#19
n-Nitroso-di-n-propylamine
Concen: 41.350 ng
RT: 7.27 min Scan# 881
Delta R.T. -0.01 min
Lab File: BF112195.D
Acq: 23 Jan 2019 12:02

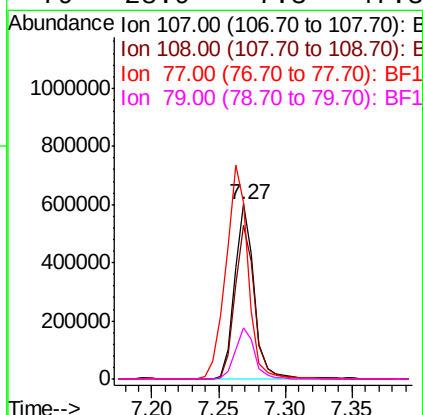
Instrument :
BNA_F
ClientSampleId :

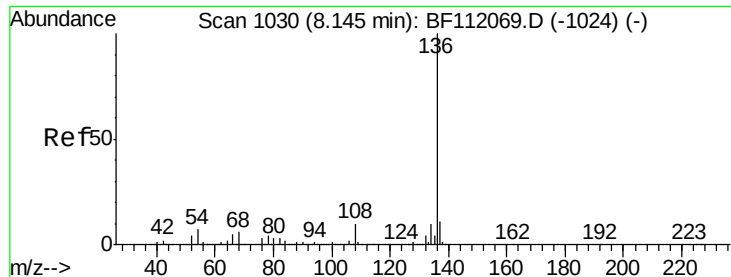
Tot Ion: 70 Resp: 429732
Ion Ratio Lower Upper
70 100
42 58.0 47.6 71.4
101 9.9 7.9 11.9
130 23.7 18.4 27.6



#20
3+4-Methylphenols
Concen: 42.417 ng
RT: 7.27 min Scan# 881
Delta R.T. -0.01 min
Lab File: BF112195.D
Acq: 23 Jan 2019 12:02

Tgt Ion: 107 Resp: 611618
Ion Ratio Lower Upper
107 100
108 88.0 68.2 108.2
77 100.7 100.7 140.7
79 28.9 7.3 47.3





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.14 min Scan# 1029

Delta R.T. 0.00 min

Lab File: BF112195.D

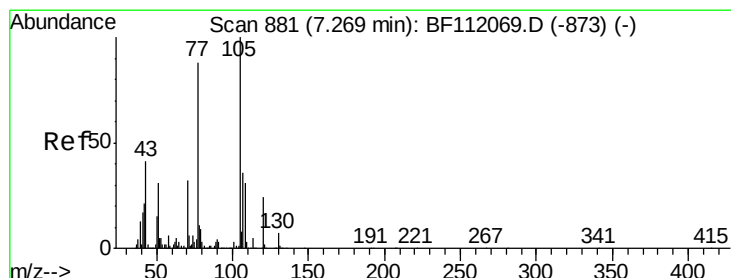
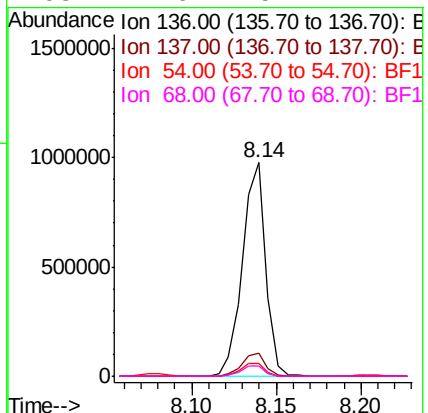
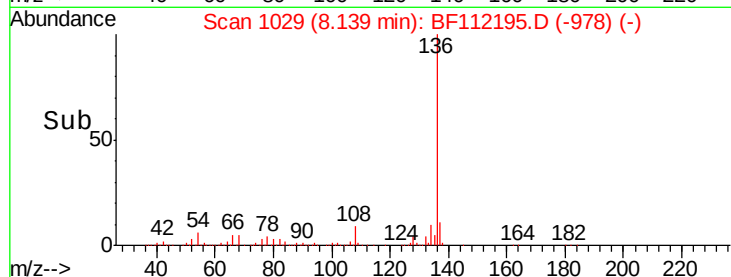
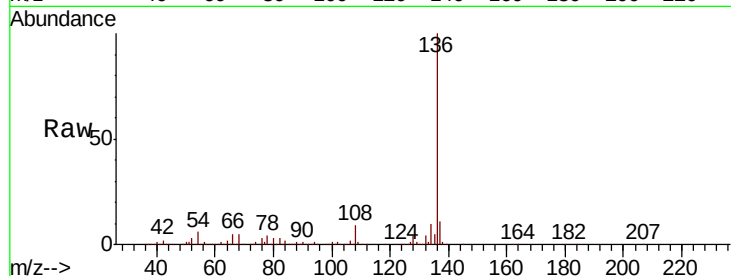
Acq: 23 Jan 2019 12:02

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136	Resp:	935956
Ion Ratio	Lower	Upper
136	100	
137	11.0	9.1 13.7
54	6.1	5.9 8.9
68	4.6	5.1 7.7#



#22

Acetophenone

Concen: 40.520 ng

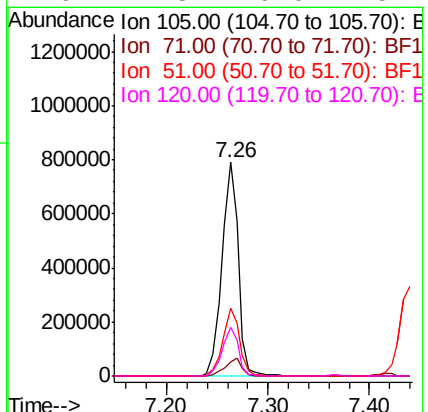
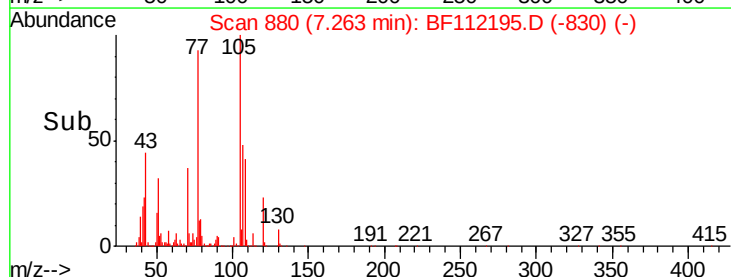
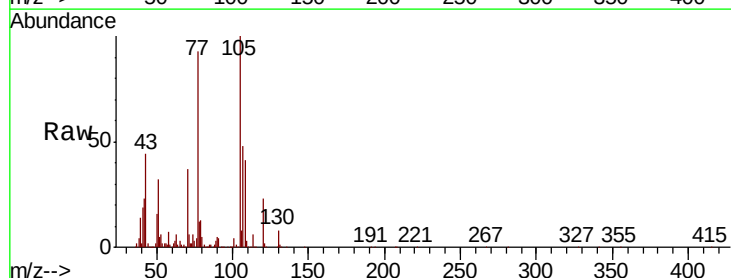
RT: 7.26 min Scan# 880

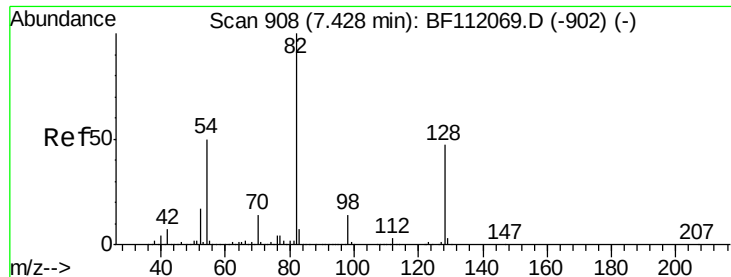
Delta R.T. -0.01 min

Lab File: BF112195.D

Acq: 23 Jan 2019 12:02

Tgt Ion:105	Resp:	878617
Ion Ratio	Lower	Upper
105	100	
71	6.4	4.6 6.8
51	31.8	25.0 37.6
120	22.8	19.0 28.4

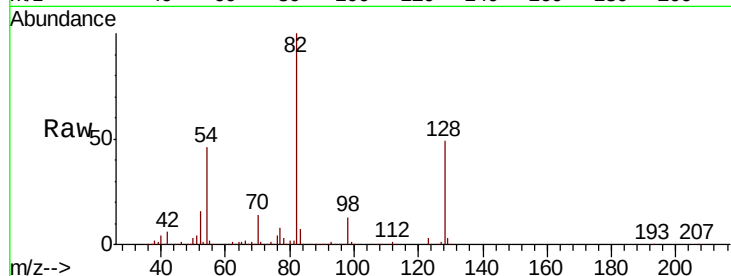




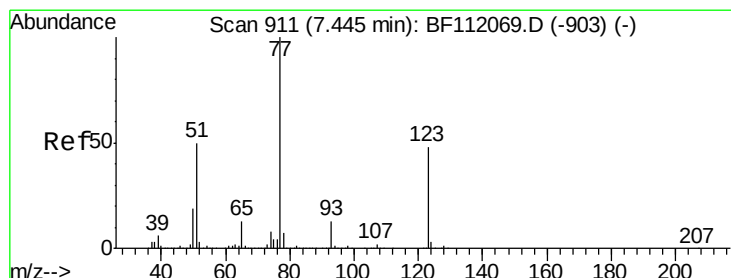
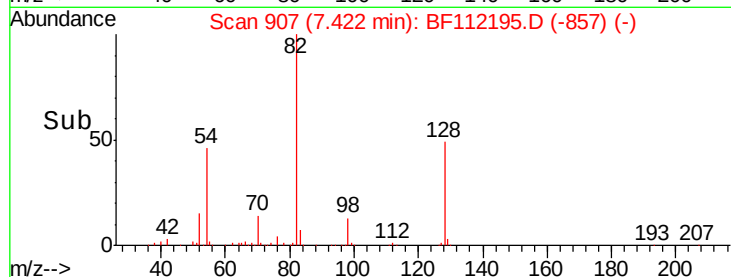
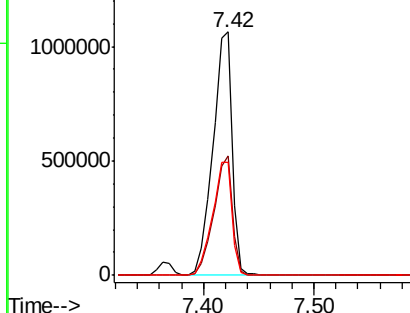
#23
Nitrobenzene-d5
Concen: 93.578 ng
RT: 7.42 min Scan# 907
Delta R.T. -0.01 min
Lab File: BF112195.D
Acq: 23 Jan 2019 12:02

Instrument :
BNA_F
ClientSampled :

Tot Ion: 82 Resp: 1267706
Ion Ratio Lower Upper
82 100
128 49.1 37.8 56.8
54 46.3 39.7 59.5

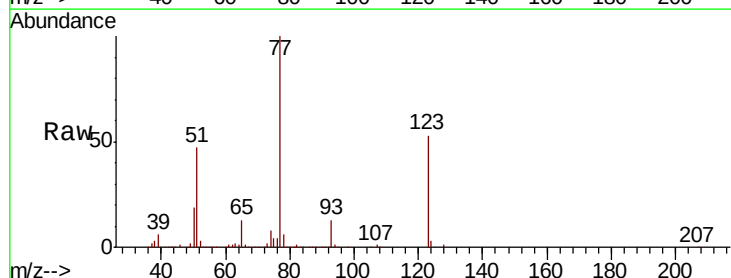


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

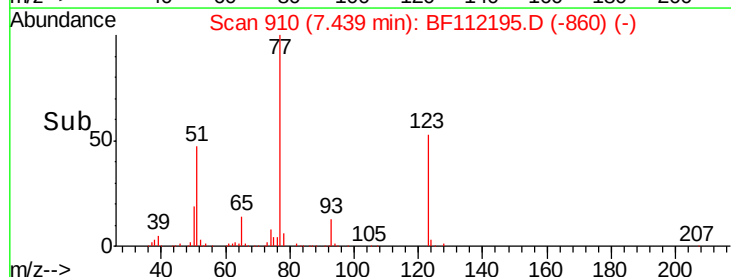
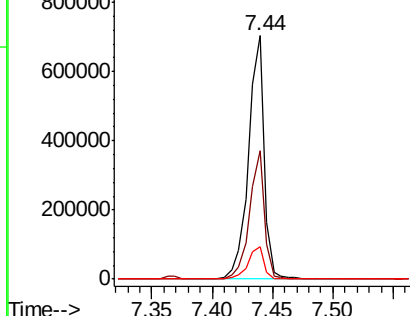


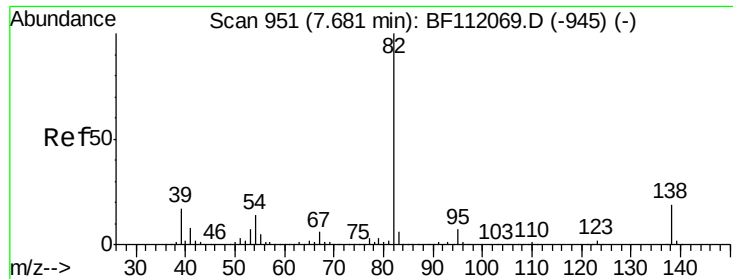
#24
Nitrobenzene
Concen: 44.501 ng
RT: 7.44 min Scan# 910
Delta R.T. -0.01 min
Lab File: BF112195.D
Acq: 23 Jan 2019 12:02

Tgt Ion: 77 Resp: 638913
Ion Ratio Lower Upper
77 100
123 53.0 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

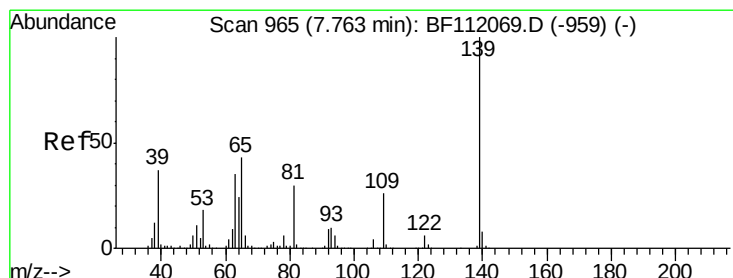
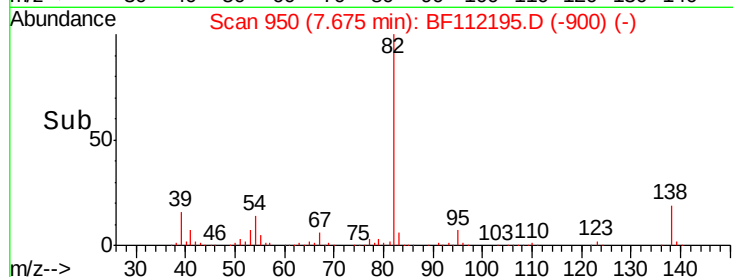
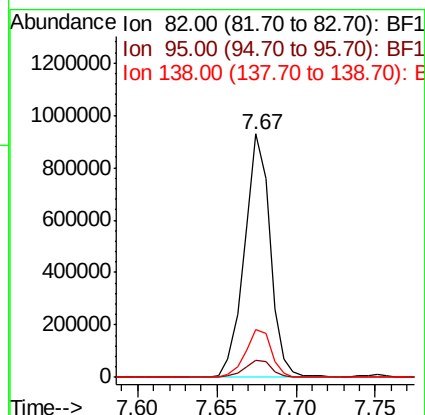
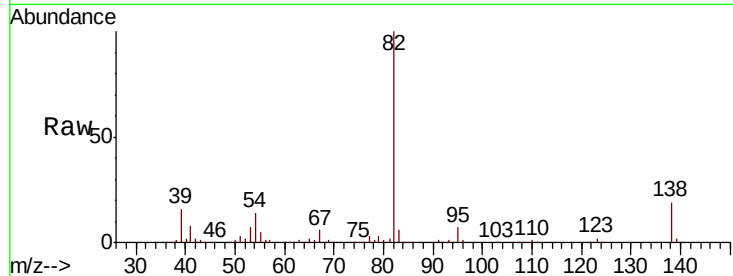




#25
Isophorone
Concen: 39.851 ng
RT: 7.67 min Scan# 950
Delta R.T. -0.01 min
Lab File: BF112195.D
Acq: 23 Jan 2019 12:02

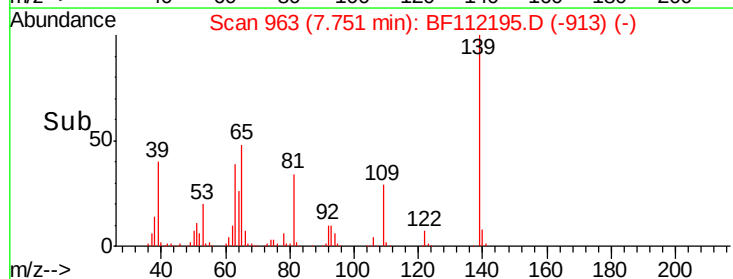
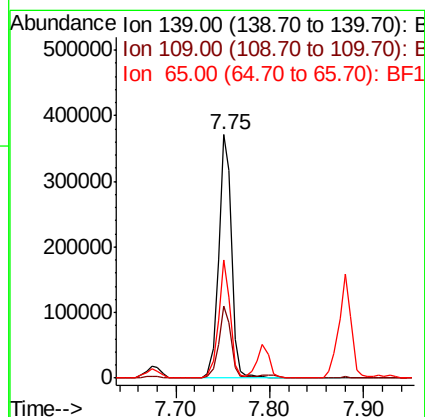
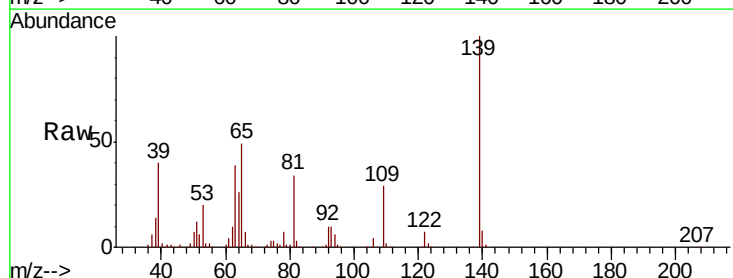
Instrument :
BNA_F
ClientSampleId :

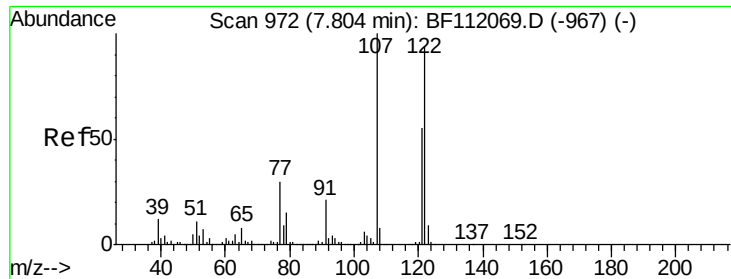
Tot Ion: 82 Resp: 1042776
Ion Ratio Lower Upper
82 100
95 7.3 5.7 8.5
138 19.5 15.4 23.0



#26
2-Nitrophenol
Concen: 48.528 ng
RT: 7.75 min Scan# 963
Delta R.T. -0.01 min
Lab File: BF112195.D
Acq: 23 Jan 2019 12:02

Tgt Ion: 139 Resp: 358381
Ion Ratio Lower Upper
139 100
109 29.5 20.8 31.2
65 48.6 34.4 51.6

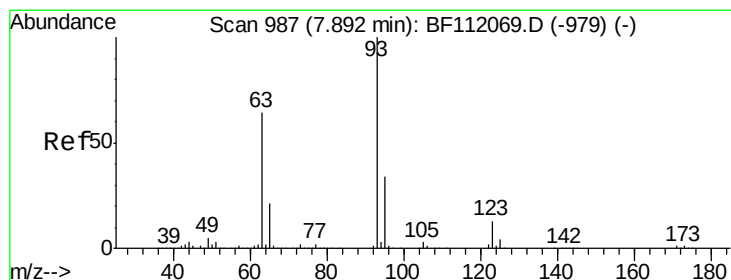
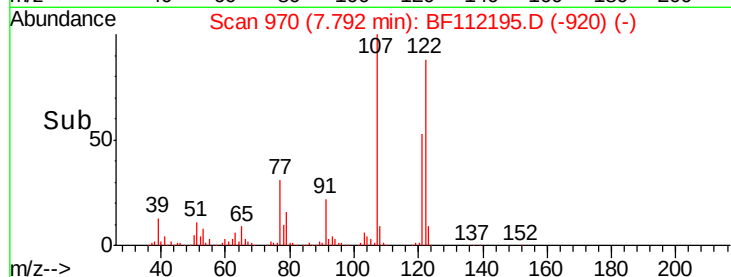
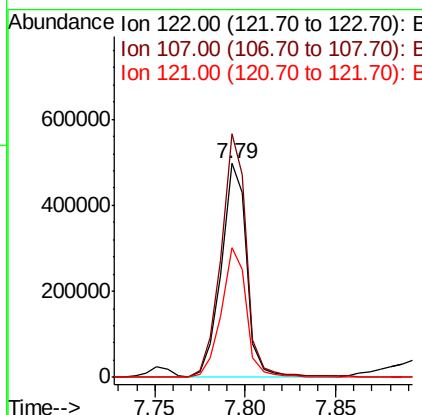
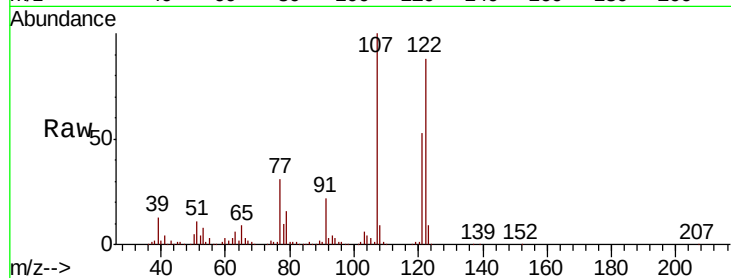




#27
2,4-Dimethylphenol
Concen: 40.132 ng
RT: 7.79 min Scan# 970
Delta R.T. -0.01 min
Lab File: BF112195.D
Acq: 23 Jan 2019 12:02

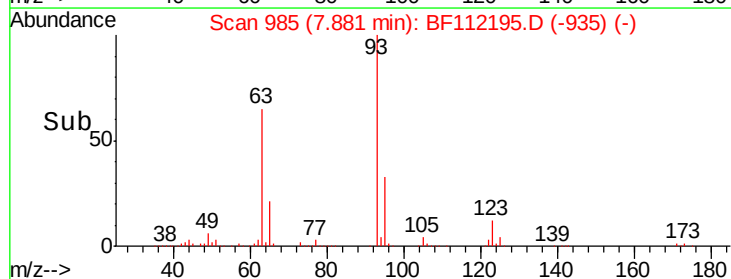
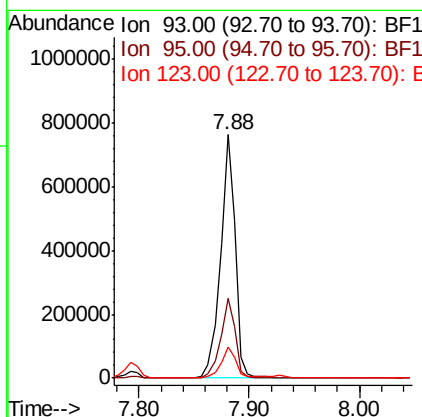
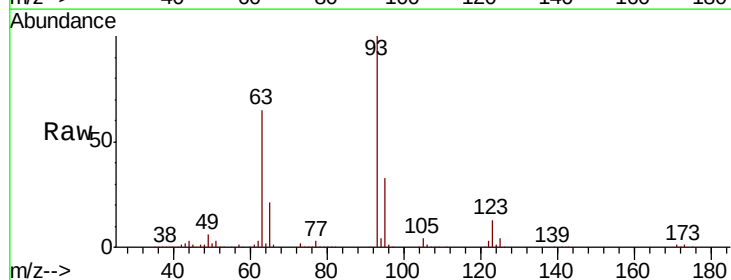
Instrument :
BNA_F
ClientSampleId :

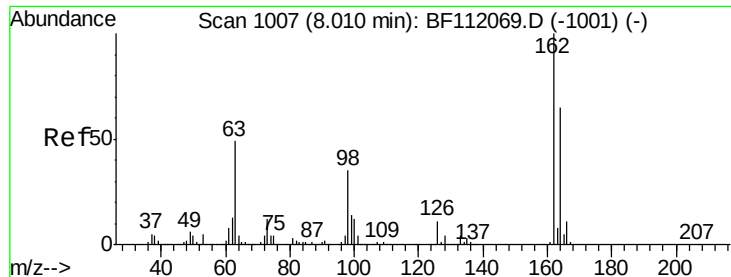
Tot Ion:122 Resp: 487451
Ion Ratio Lower Upper
122 100
107 113.7 85.4 128.0
121 60.6 47.0 70.4



#28
bis(2-Chloroethoxy)methane
Concen: 39.448 ng
RT: 7.88 min Scan# 985
Delta R.T. -0.01 min
Lab File: BF112195.D
Acq: 23 Jan 2019 12:02

Tgt Ion: 93 Resp: 708062
Ion Ratio Lower Upper
93 100
95 33.0 26.8 40.2
123 12.5 10.2 15.2

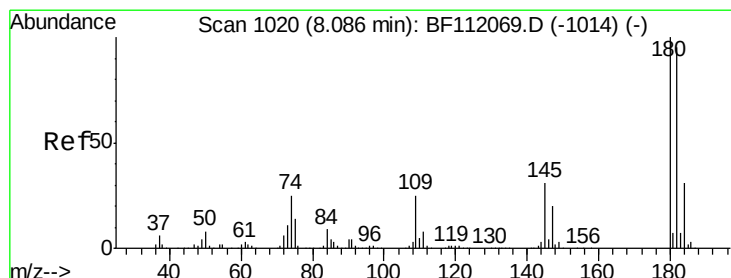
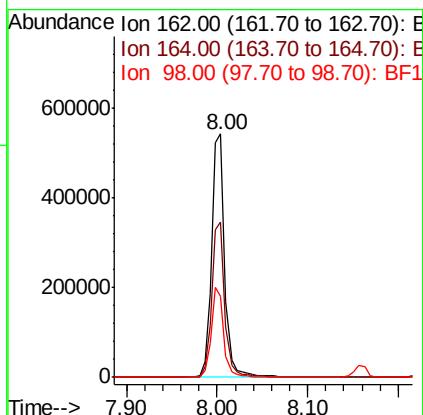
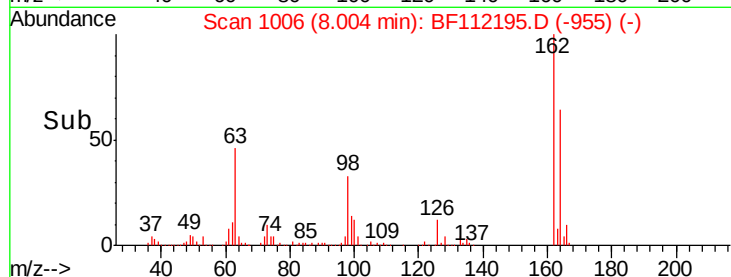
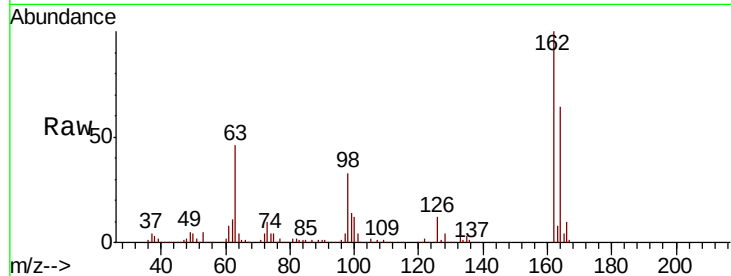




#29
2,4-Dichlorophenol
Concen: 41.665 ng
RT: 8.00 min Scan# 1006
Delta R.T. 0.00 min
Lab File: BF112195.D
Acq: 23 Jan 2019 12:02

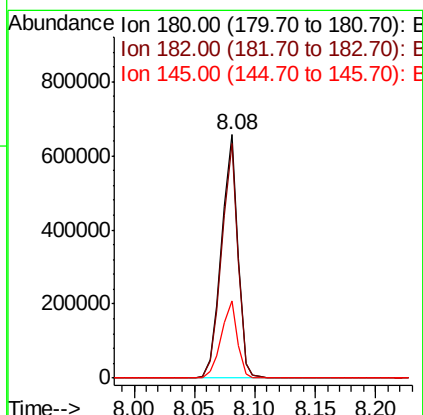
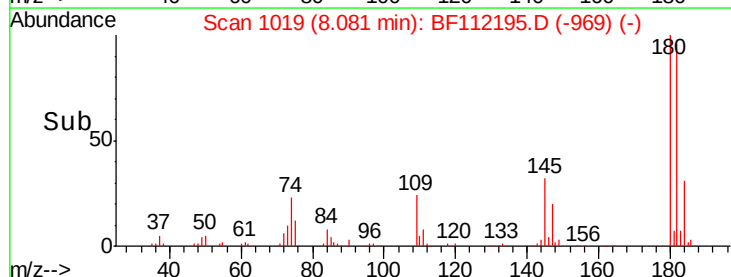
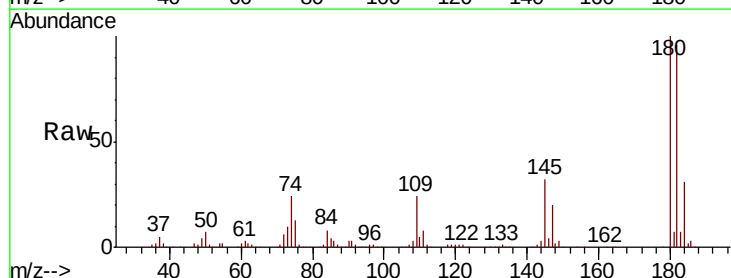
Instrument :
BNA_F
ClientSampleId :

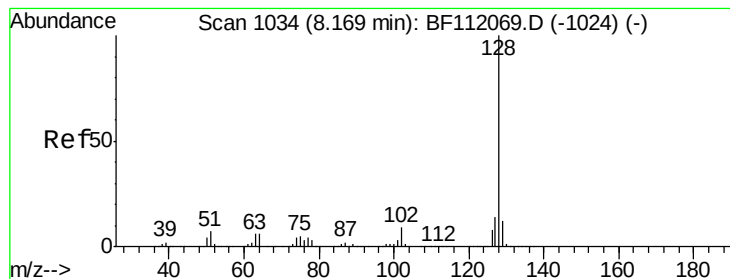
Tot Ion	Ratio	Lower	Upper
162	100		
164	63.9	44.6	84.6
98	33.3	14.6	54.6



#30
1,2,4-Trichlorobenzene
Concen: 40.174 ng
RT: 8.08 min Scan# 1019
Delta R.T. -0.01 min
Lab File: BF112195.D
Acq: 23 Jan 2019 12:02

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.2	76.4	114.6
145	31.6	25.0	37.4





#31

Naphthalene

Concen: 40.525 ng

RT: 8.16 min Scan# 1032

Delta R.T. -0.01 min

Lab File: BF112195.D

Acq: 23 Jan 2019 12:02

Instrument :

BNA_F

ClientSampleId :

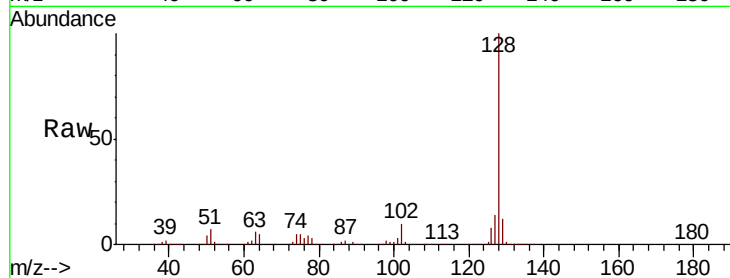
Tot Ion:128 Resp: 1725152

Ion Ratio Lower Upper

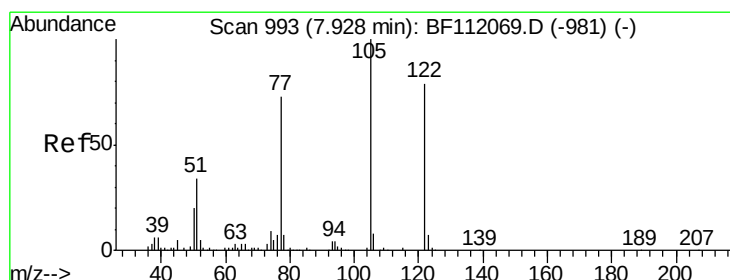
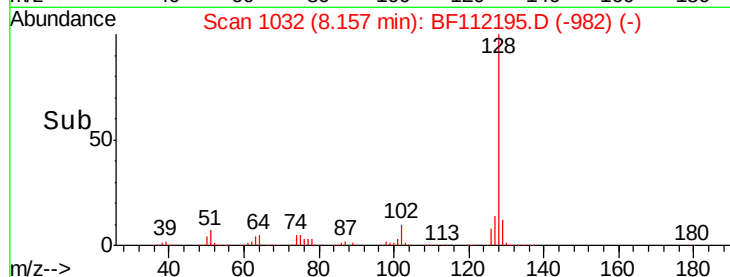
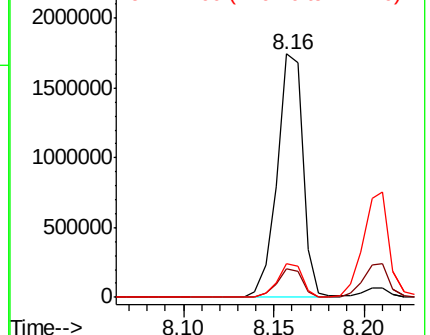
128 100

129 11.7 9.6 14.4

127 13.7 11.1 16.7



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



#32

Benzoic acid

Concen: 43.727 ng

RT: 7.93 min Scan# 993

Delta R.T. -0.01 min

Lab File: BF112195.D

Acq: 23 Jan 2019 12:02

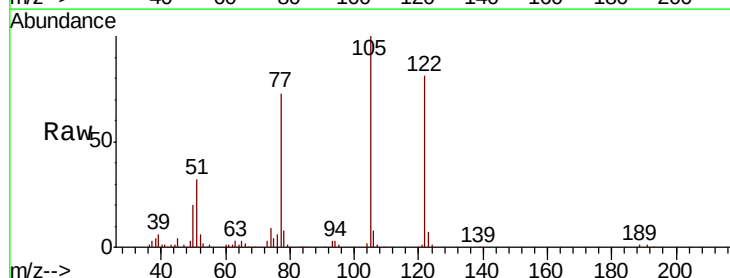
Tgt Ion:122 Resp: 234817

Ion Ratio Lower Upper

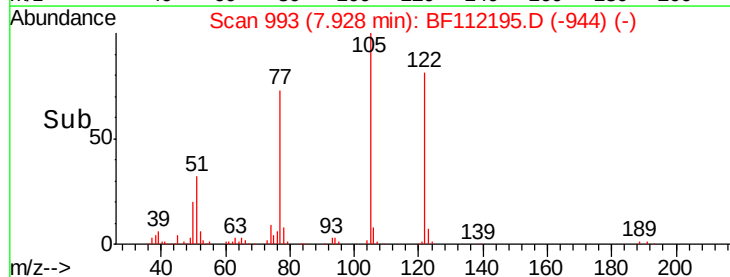
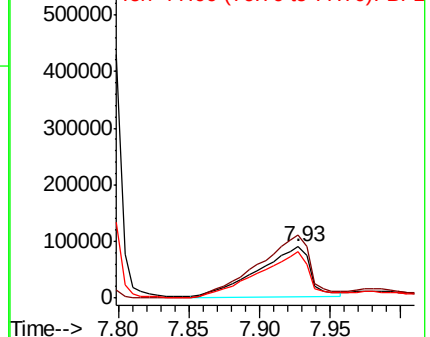
122 100

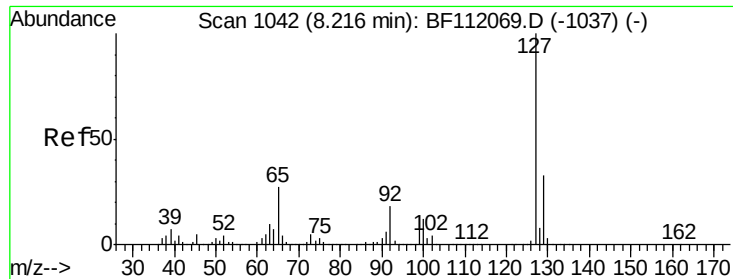
105 123.3 101.2 141.2

77 90.3 70.4 110.4



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

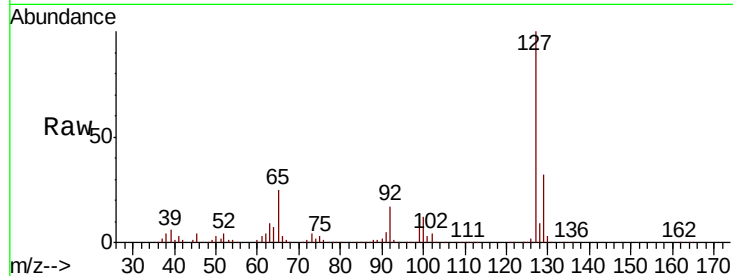




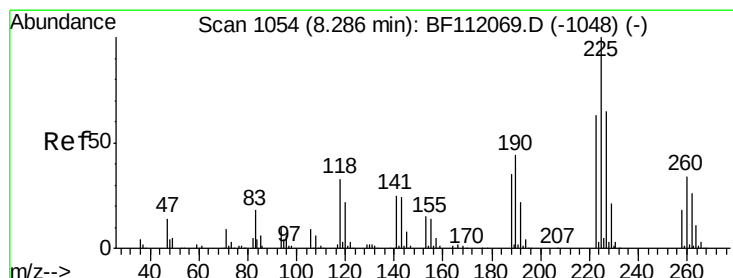
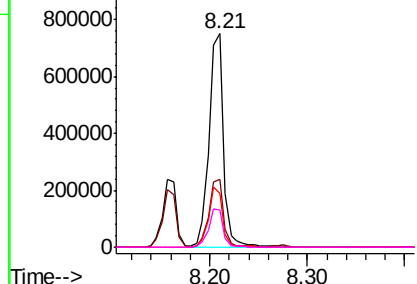
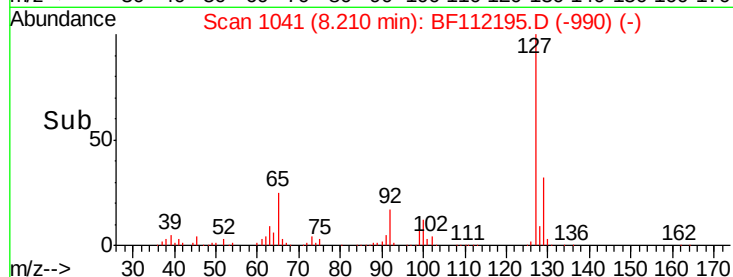
#33
4-Chloroaniline
Concen: 40.546 ng
RT: 8.21 min Scan# 1041
Delta R.T. 0.00 min
Lab File: BF112195.D
Acq: 23 Jan 2019 12:02

Instrument :
BNA_F
ClientSampled :

Tot Ion:	127	Resp:	775721
Ion	Ratio	Lower	Upper
127	100		
129	31.8	26.6	39.8
65	25.1	21.4	32.2
92	17.2	14.2	21.2

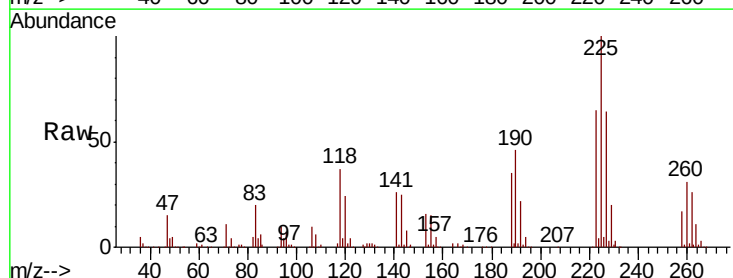


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

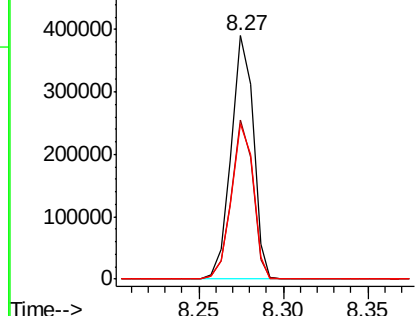
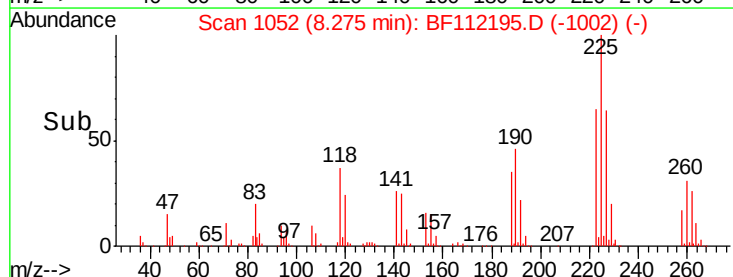


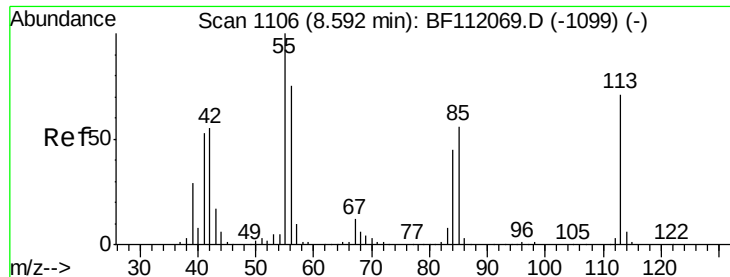
#34
Hexachlorobutadiene
Concen: 41.556 ng
RT: 8.27 min Scan# 1052
Delta R.T. -0.01 min
Lab File: BF112195.D
Acq: 23 Jan 2019 12:02

Tgt Ion:	225	Resp:	356095
Ion	Ratio	Lower	Upper
225	100		
223	65.4	50.3	75.5
227	64.1	51.8	77.8



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

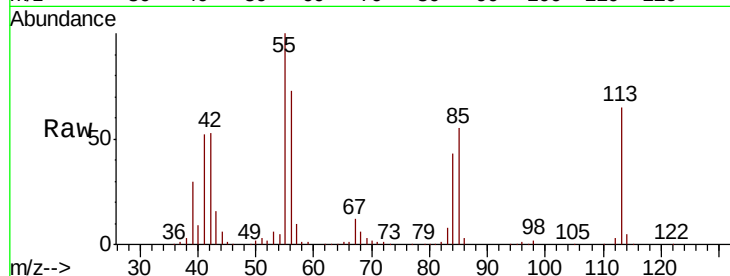




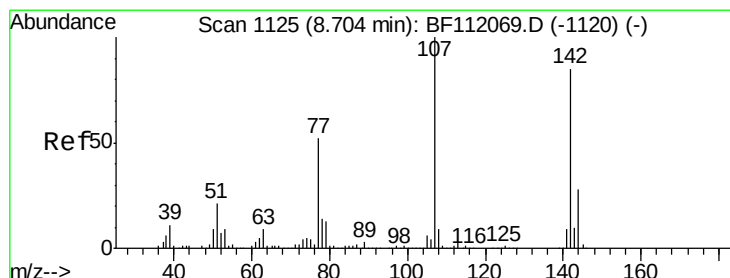
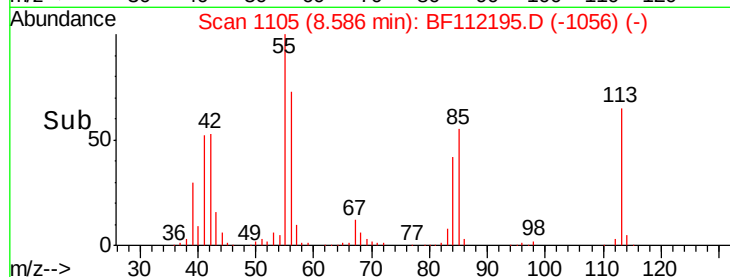
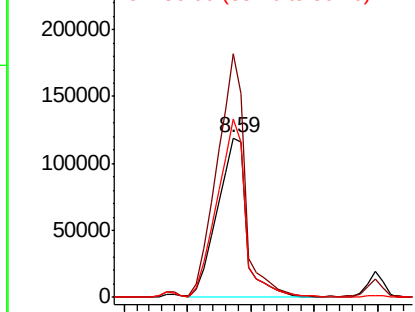
#35
Caprolactam
Concen: 40.998 ng
RT: 8.59 min Scan# 1105
Delta R.T. -0.01 min
Lab File: BF112195.D
Acq: 23 Jan 2019 12:02

Instrument :
BNA_F
ClientSampleId :

Tot Ion:113 Resp: 190391
Ion Ratio Lower Upper
113 100
55 152.8 121.6 161.6
56 111.8 86.7 126.7

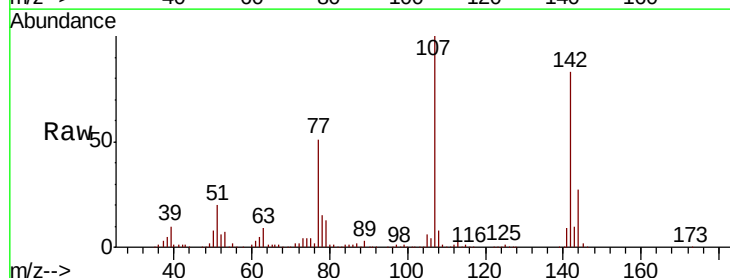


Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF1
Ion 56.00 (55.70 to 56.70): BF1

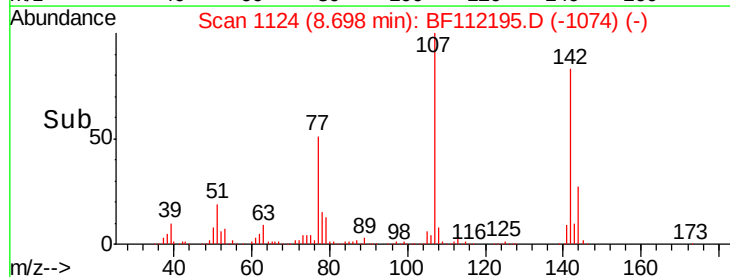
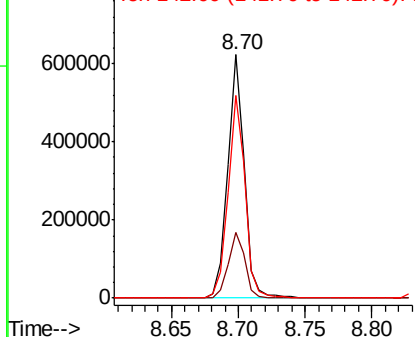


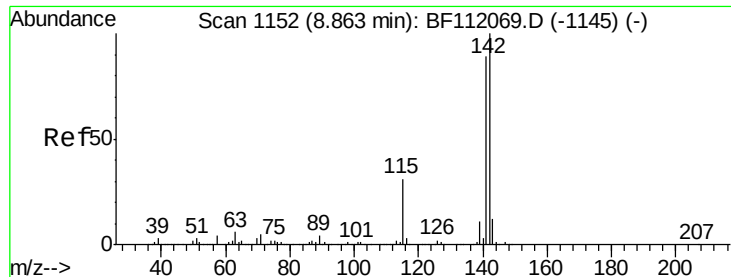
#36
4-Chloro-3-methylphenol
Concen: 42.567 ng
RT: 8.70 min Scan# 1124
Delta R.T. -0.01 min
Lab File: BF112195.D
Acq: 23 Jan 2019 12:02

Tgt Ion:107 Resp: 551644
Ion Ratio Lower Upper
107 100
144 26.9 22.2 33.2
142 83.2 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

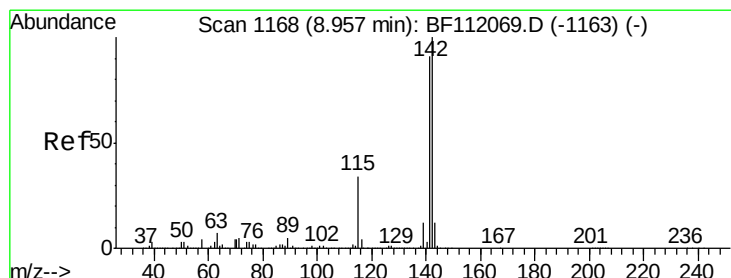
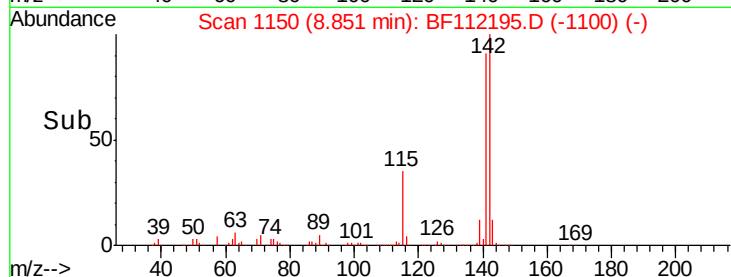
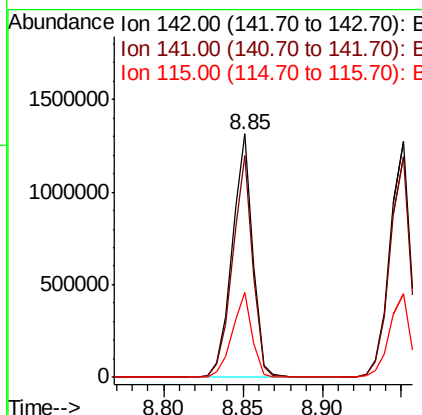
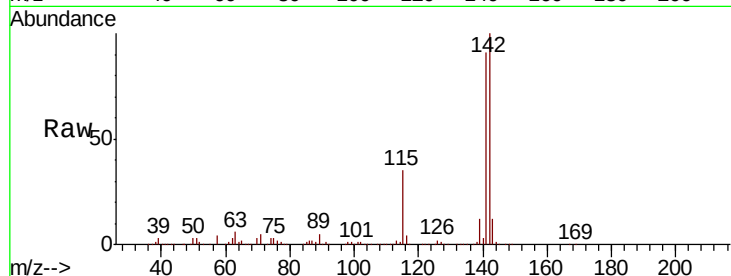




#37
2-Methylnaphthalene
Concen: 40.834 ng
RT: 8.85 min Scan# 1150
Delta R.T. -0.01 min
Lab File: BF112195.D
Acq: 23 Jan 2019 12:02

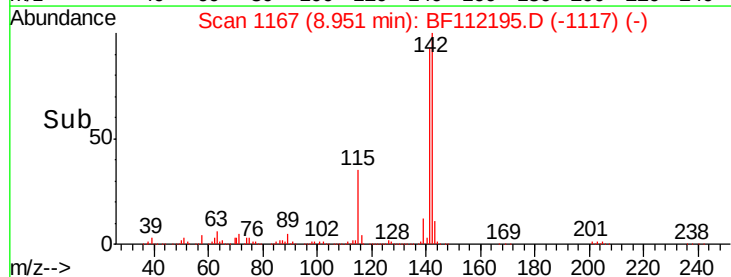
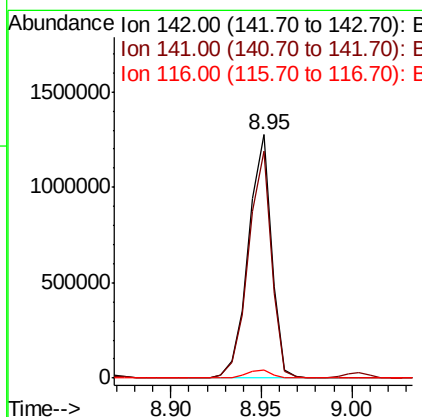
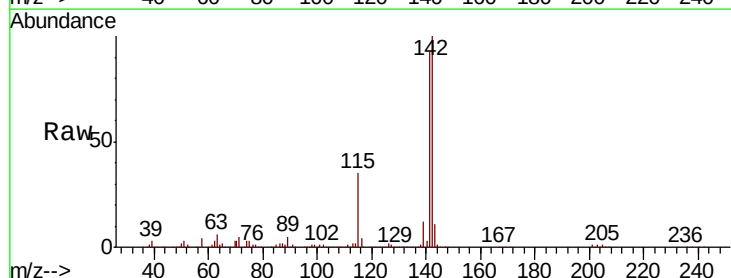
Instrument :
BNA_F
ClientSampleId :

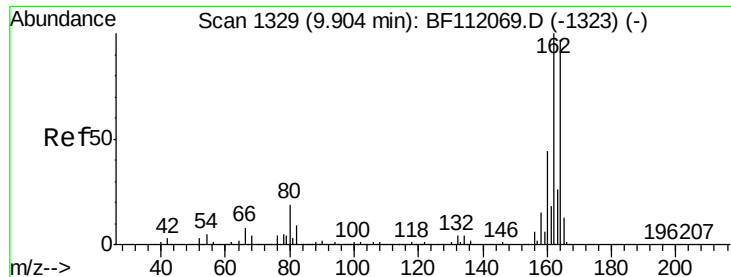
Tot Ion:142 Resp: 1180399
Ion Ratio Lower Upper
142 100
141 91.2 70.9 106.3
115 34.7 24.9 37.3



#38
1-Methylnaphthalene
Concen: 40.669 ng
RT: 8.95 min Scan# 1167
Delta R.T. -0.01 min
Lab File: BF112195.D
Acq: 23 Jan 2019 12:02

Tgt Ion:142 Resp: 1129842
Ion Ratio Lower Upper
142 100
141 93.1 72.6 108.8
116 3.5 2.8 4.2

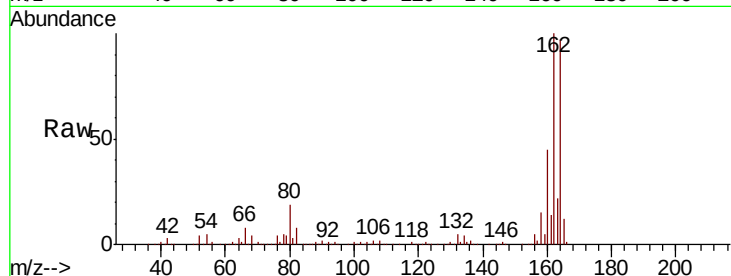




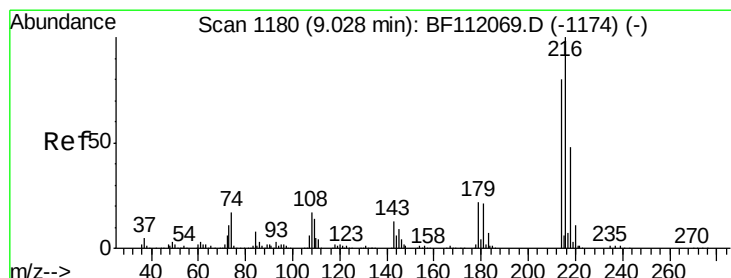
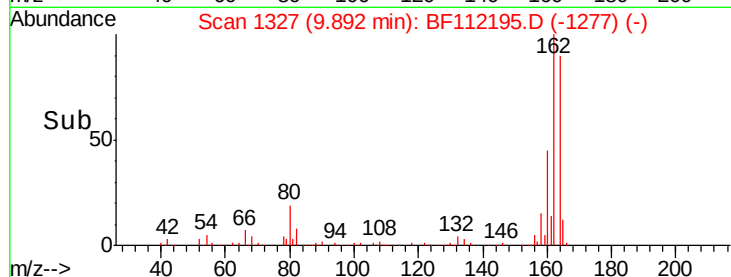
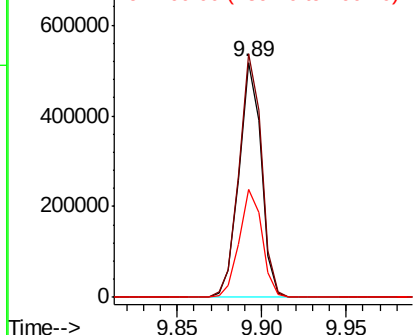
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.89 min Scan# 1327
Delta R.T. -0.01 min
Lab File: BF112195.D
Acq: 23 Jan 2019 12:02

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
164	100		
162	103.6	82.2	123.4
160	46.2	36.2	54.4



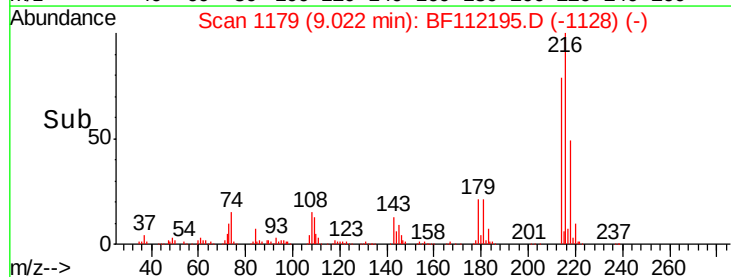
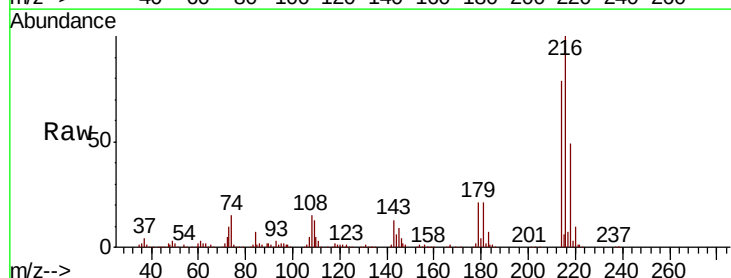
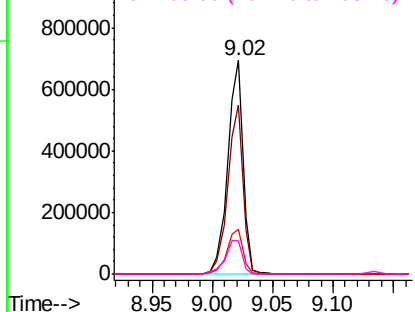
Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

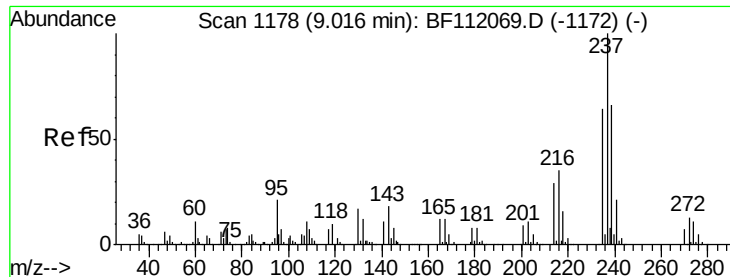


#40
1,2,4,5-Tetrachlorobenzene
Concen: 40.298 ng
RT: 9.02 min Scan# 1179
Delta R.T. 0.00 min
Lab File: BF112195.D
Acq: 23 Jan 2019 12:02

Tgt Ion	Ratio	Lower	Upper
216	100		
214	78.8	63.8	95.6
179	21.6	16.9	25.3
108	17.8	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: 33.104 ng

RT: 9.00 min Scan# 1176

Delta R.T. -0.01 min

Lab File: BF112195.D

Acq: 23 Jan 2019 12:02

Instrument :

BNA_F

ClientSampleId :

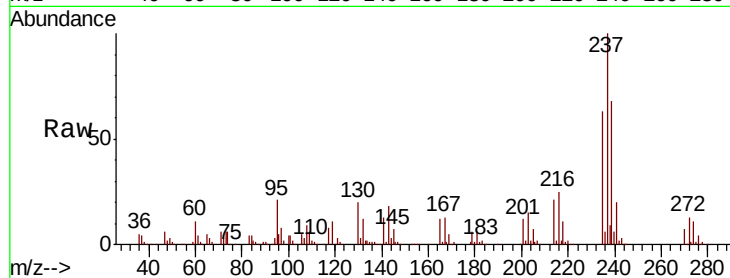
Tot Ion:237 Resp: 169840

Ion Ratio Lower Upper

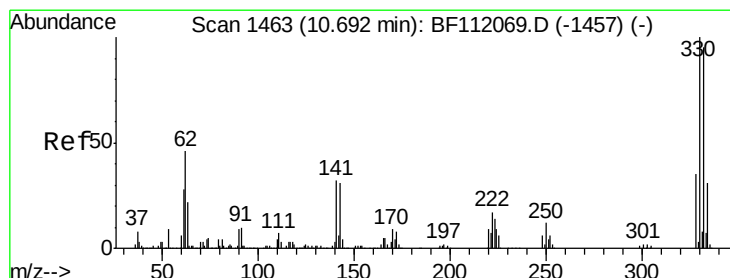
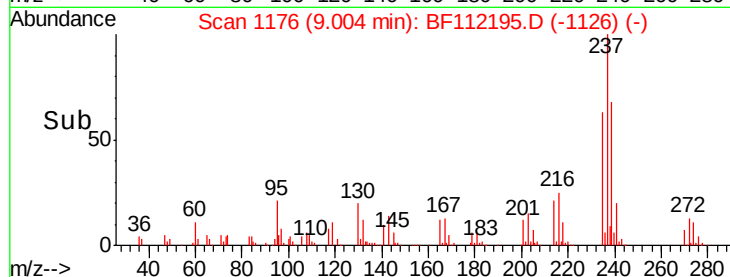
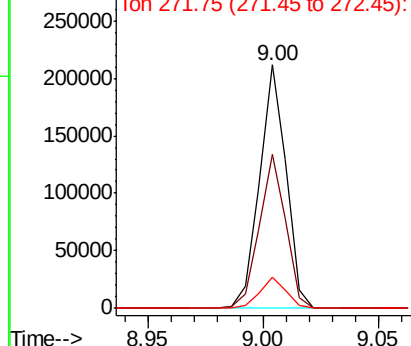
237 100

235 63.2 44.0 84.0

272 13.0 0.0 33.3



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



#42

2,4,6-Tribromophenol

Concen: 90.198 ng

RT: 10.69 min Scan# 1462

Delta R.T. -0.01 min

Lab File: BF112195.D

Acq: 23 Jan 2019 12:02

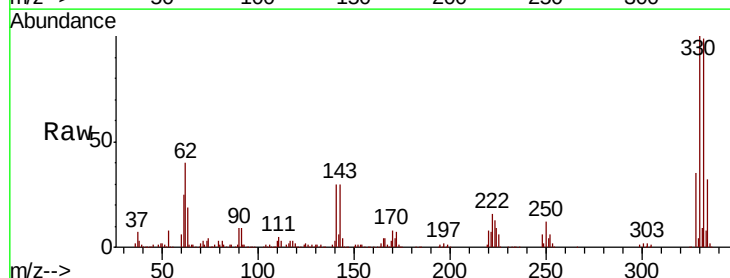
Tgt Ion:330 Resp: 460100

Ion Ratio Lower Upper

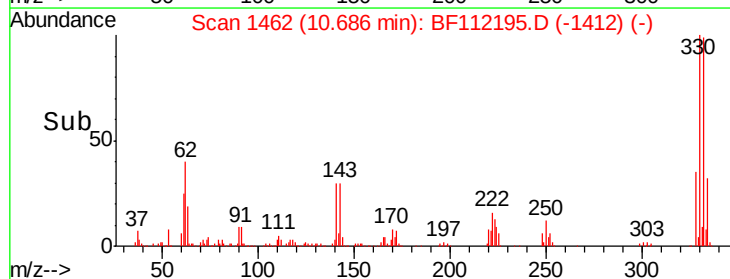
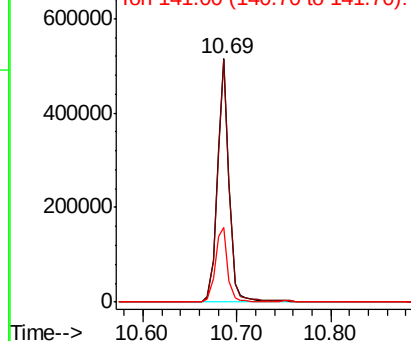
330 100

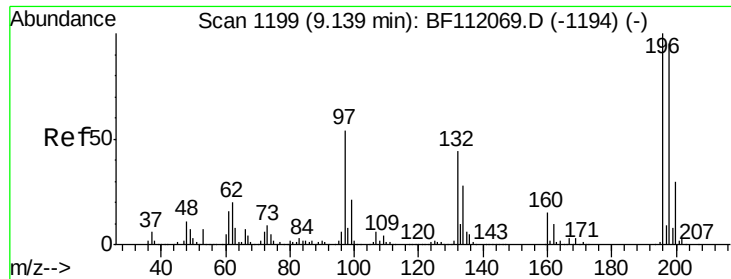
332 98.6 76.6 114.8

141 32.0 24.3 36.5



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

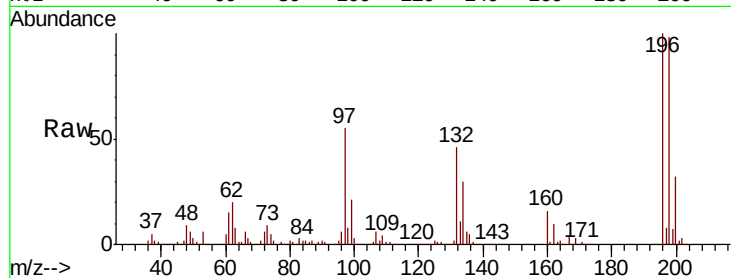




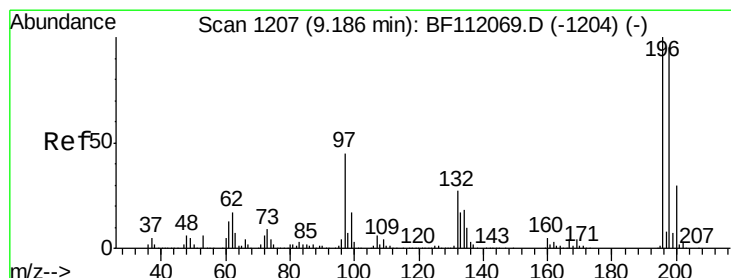
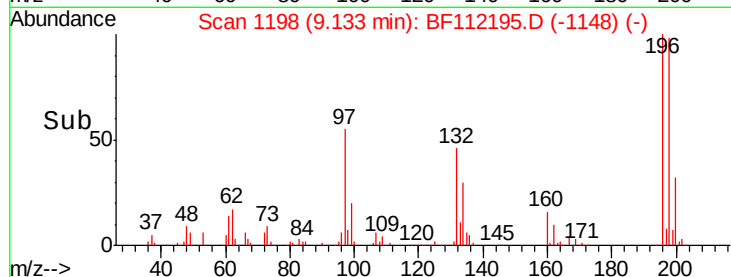
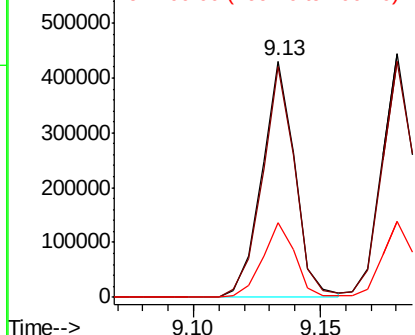
#43
 2,4,6-Trichlorophenol
 Concen: 43.061 ng
 RT: 9.13 min Scan# 1198
 Delta R.T. -0.01 min
 Lab File: BF112195.D
 Acq: 23 Jan 2019 12:02

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:196 Resp: 391133
 Ion Ratio Lower Upper
 196 100
 198 97.6 76.2 114.4
 200 31.6 24.3 36.5

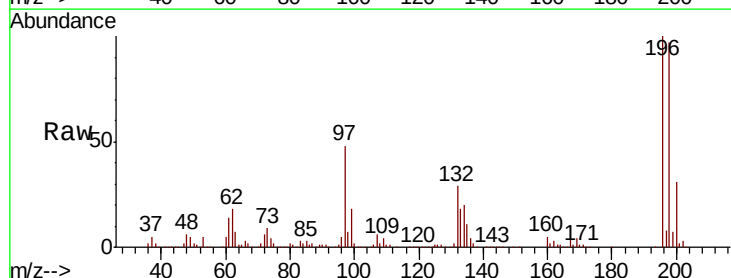


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

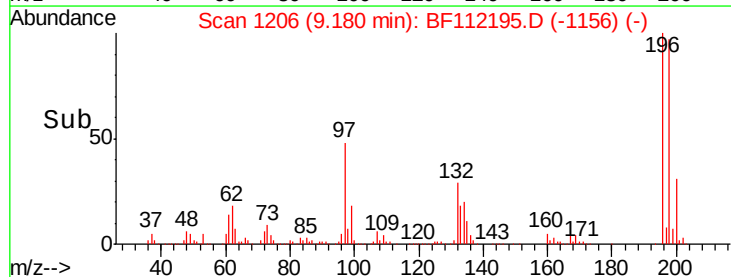
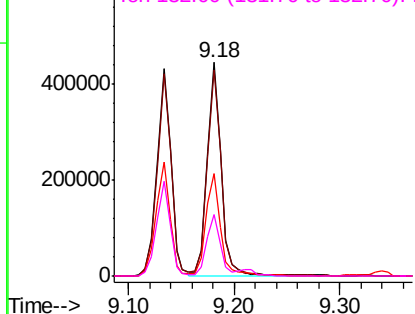


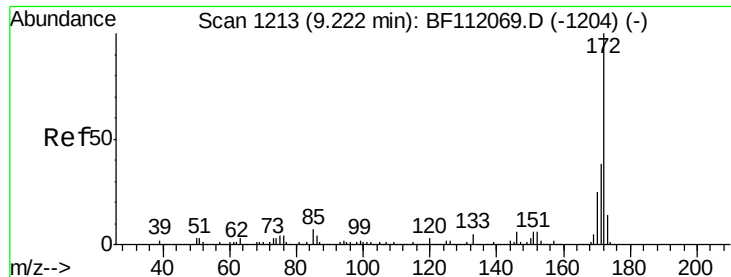
#44
 2,4,5-Trichlorophenol
 Concen: 42.467 ng
 RT: 9.18 min Scan# 1206
 Delta R.T. -0.01 min
 Lab File: BF112195.D
 Acq: 23 Jan 2019 12:02

Tgt Ion:196 Resp: 410838
 Ion Ratio Lower Upper
 196 100
 198 96.7 76.0 114.0
 97 48.0 36.4 54.6
 132 28.9 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

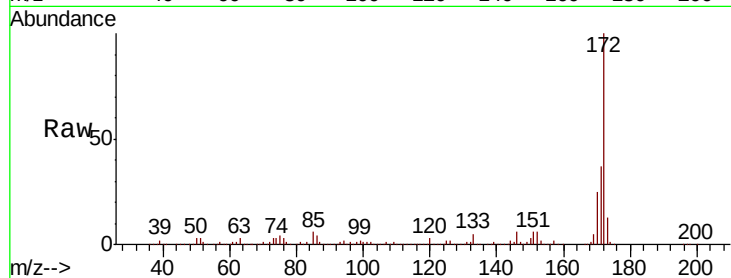




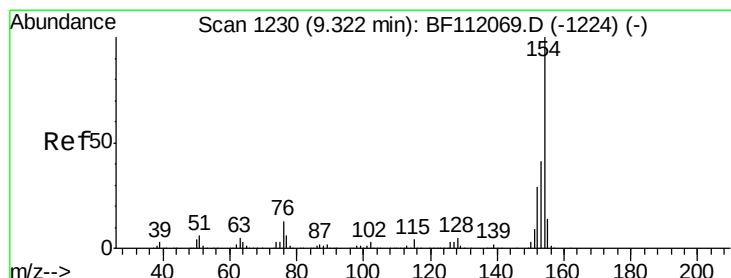
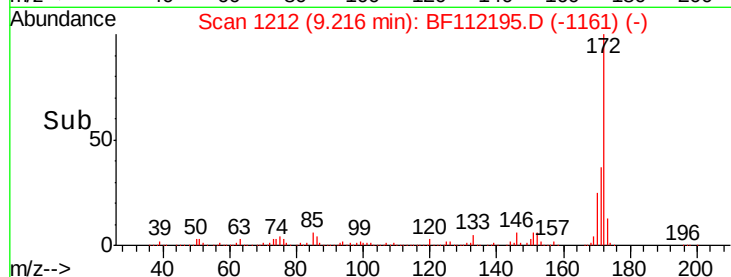
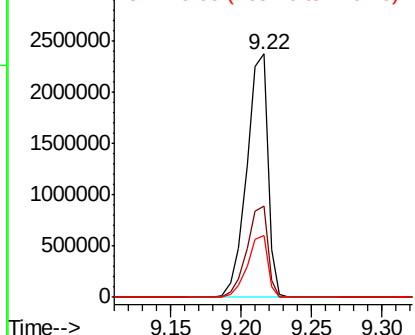
#45
2-Fluorobiphenyl
Concen: 77.269 ng
RT: 9.22 min Scan# 1212
Delta R.T. 0.00 min
Lab File: BF112195.D
Acq: 23 Jan 2019 12:02

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 2492072
Ion Ratio Lower Upper
172 100
171 37.3 30.5 45.7
170 25.2 20.2 30.4

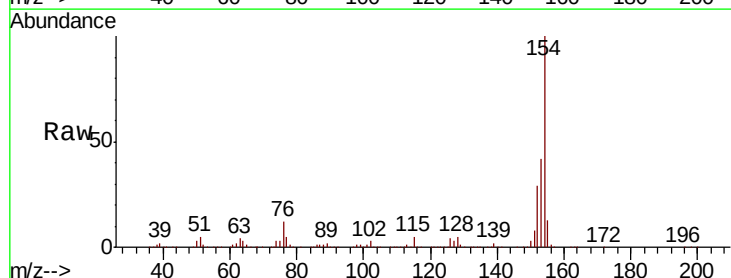


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

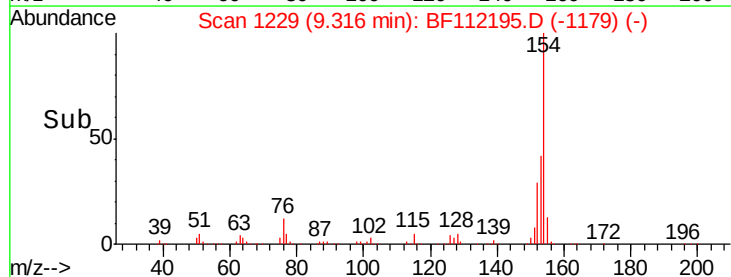
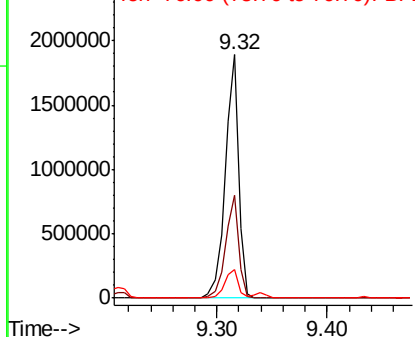


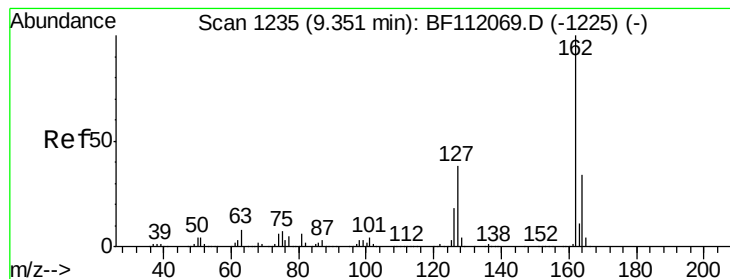
#46
1,1'-Biphenyl
Concen: 40.380 ng
RT: 9.32 min Scan# 1229
Delta R.T. -0.01 min
Lab File: BF112195.D
Acq: 23 Jan 2019 12:02

Tgt Ion:154 Resp: 1596566
Ion Ratio Lower Upper
154 100
153 42.2 21.5 61.5
76 11.6 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: 40.281 ng

RT: 9.34 min Scan# 1233

Delta R.T. -0.01 min

Lab File: BF112195.D

Acq: 23 Jan 2019 12:02

Instrument :

BNA_F

ClientSampleId :

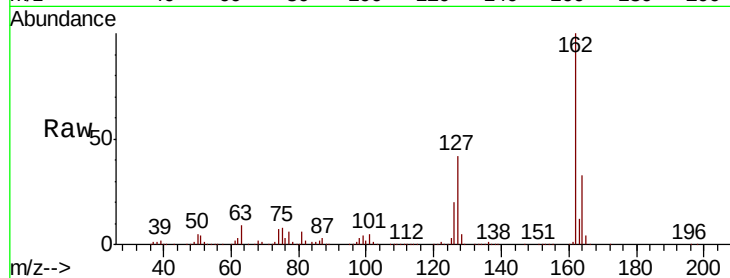
Tot Ion:162 Resp: 1246683

Ion Ratio Lower Upper

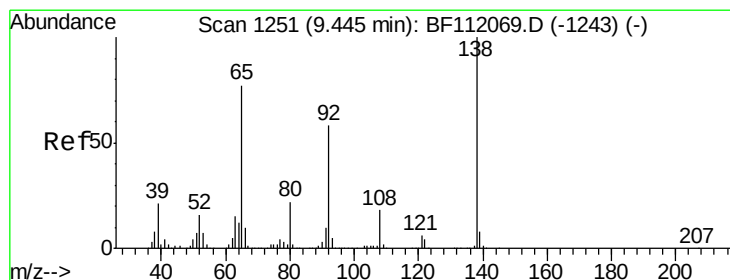
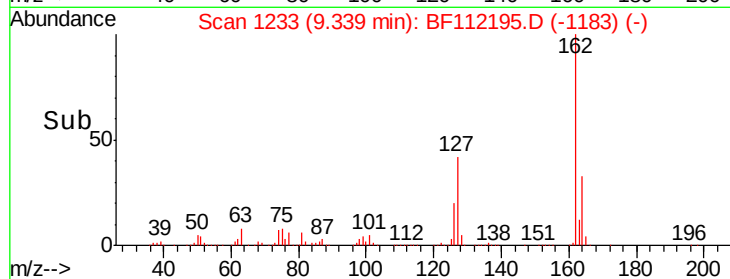
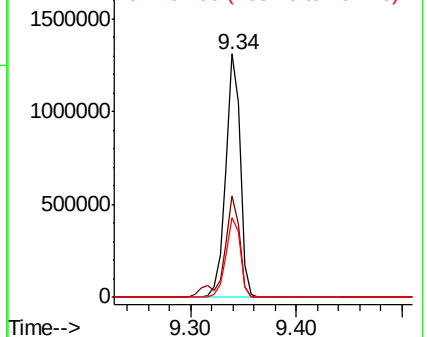
162 100

127 41.8 30.4 45.6

164 32.7 27.4 41.2



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



#48

2-Nitroaniline

Concen: 49.505 ng

RT: 9.43 min Scan# 1249

Delta R.T. -0.01 min

Lab File: BF112195.D

Acq: 23 Jan 2019 12:02

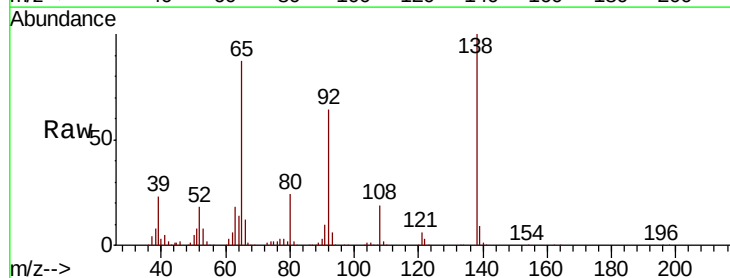
Tgt Ion: 65 Resp: 345108

Ion Ratio Lower Upper

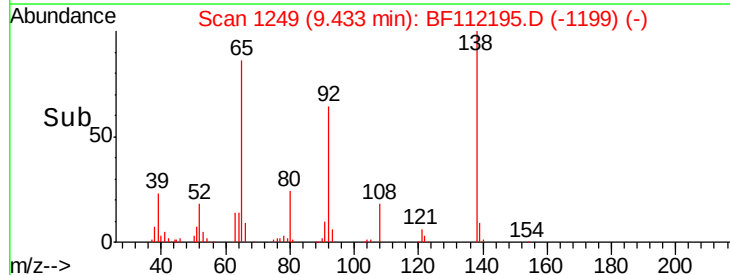
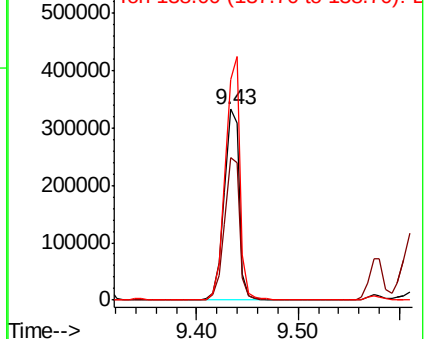
65 100

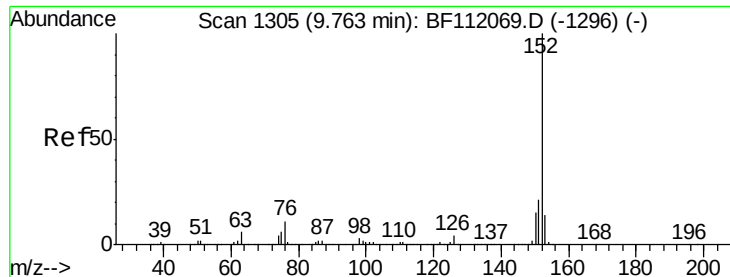
92 74.3 60.4 90.6

138 115.6 104.4 156.6



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





#49

Acenaphthylene

Concen: 40.339 ng

RT: 9.76 min Scan# 1304

Delta R.T. -0.01 min

Lab File: BF112195.D

Acq: 23 Jan 2019 12:02

Instrument :

BNA_F

ClientSampled :

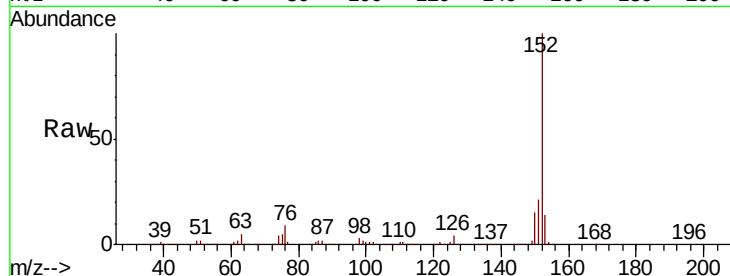
Tot Ion:152 Resp: 1821856

Ion Ratio Lower Upper

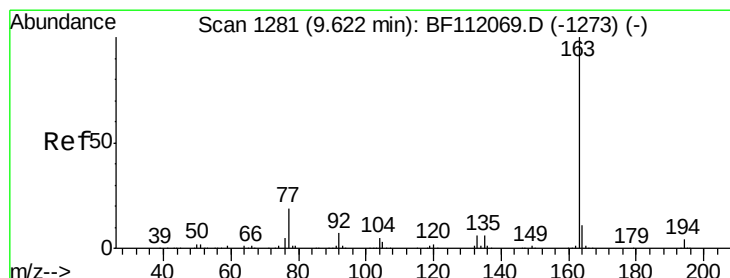
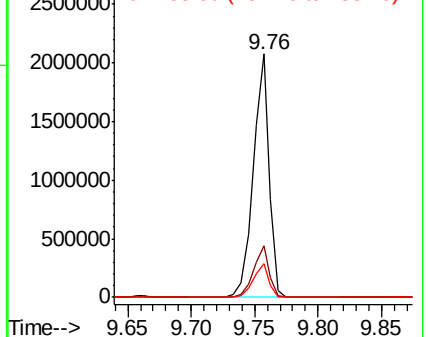
152 100

151 21.0 17.0 25.6

153 13.6 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: 41.665 ng

RT: 9.61 min Scan# 1279

Delta R.T. -0.01 min

Lab File: BF112195.D

Acq: 23 Jan 2019 12:02

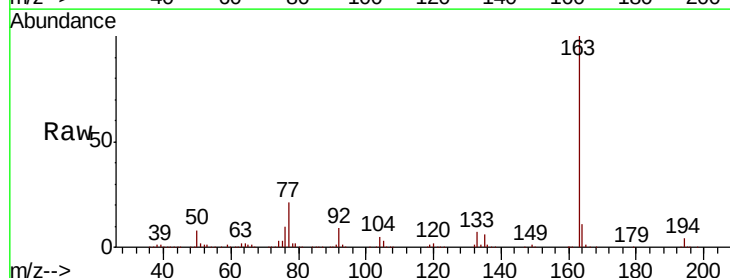
Tgt Ion:163 Resp: 1436783

Ion Ratio Lower Upper

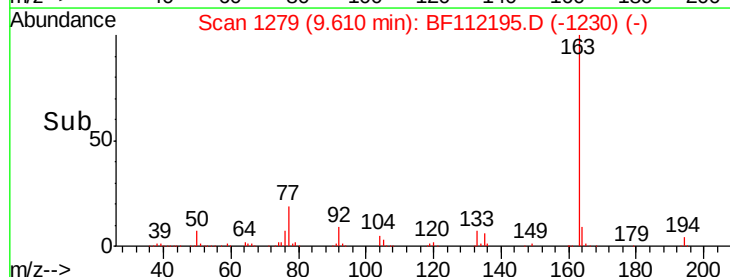
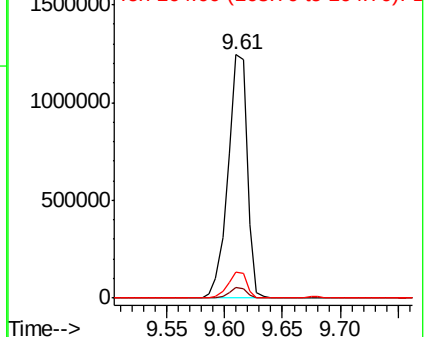
163 100

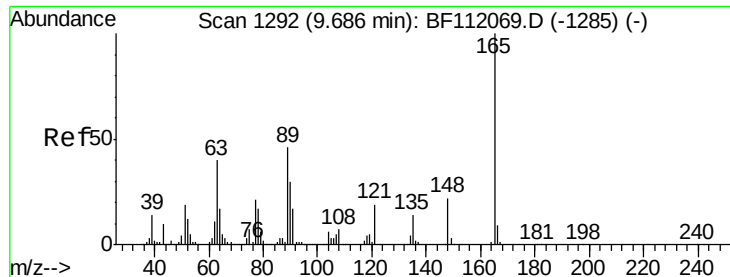
194 4.2 3.3 4.9

164 10.7 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

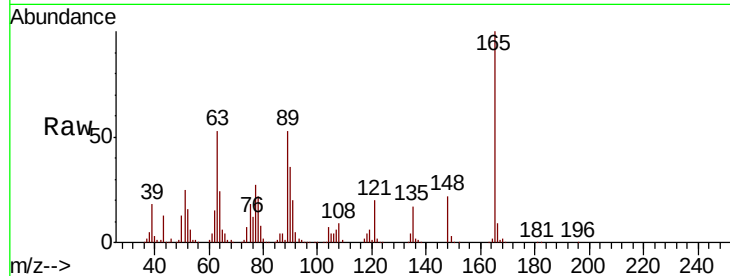




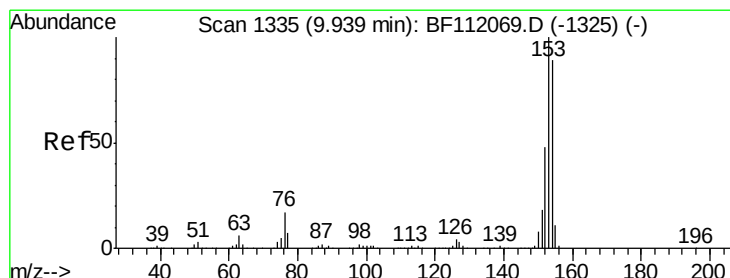
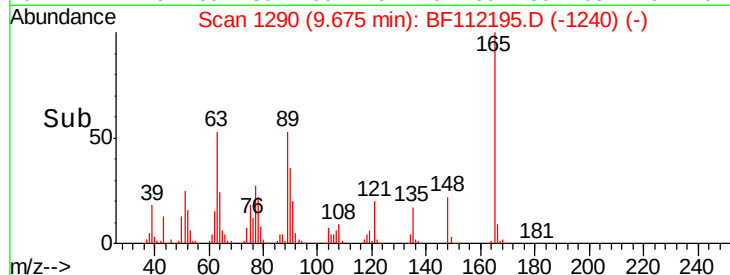
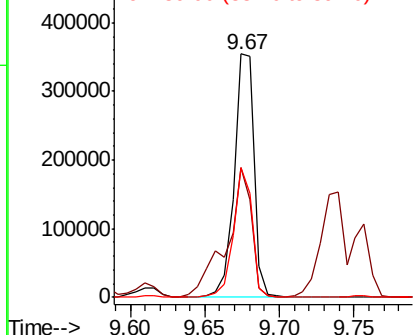
#51
 2,6-Dinitrotoluene
 Concen: 48.516 ng
 RT: 9.67 min Scan# 1290
 Delta R.T. -0.01 min
 Lab File: BF112195.D
 Acq: 23 Jan 2019 12:02

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:165 Resp: 334109
 Ion Ratio Lower Upper
 165 100
 63 53.3 33.8 50.8#
 89 53.3 36.9 55.3

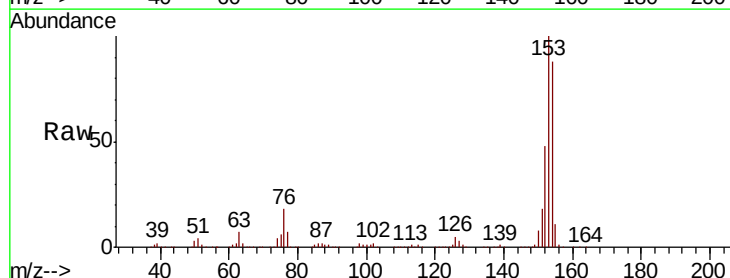


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

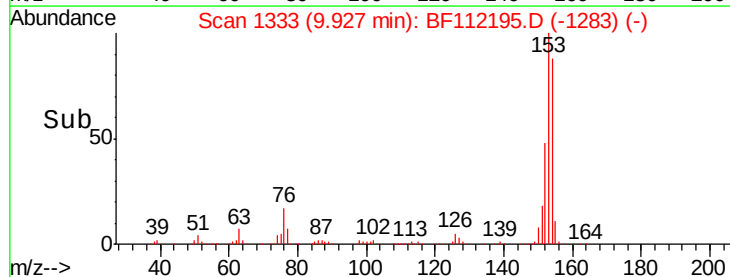
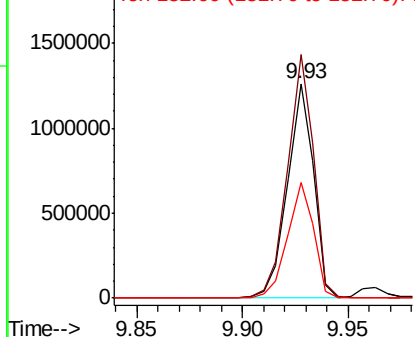


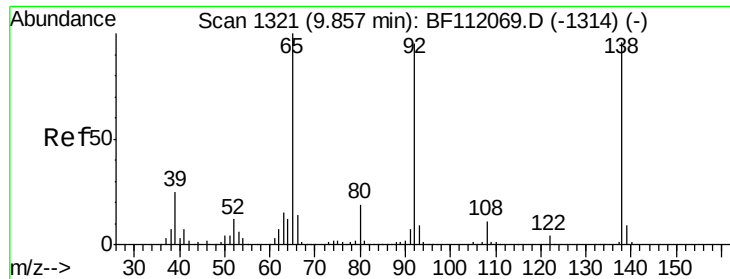
#52
 Acenaphthene
 Concen: 39.671 ng
 RT: 9.93 min Scan# 1333
 Delta R.T. -0.01 min
 Lab File: BF112195.D
 Acq: 23 Jan 2019 12:02

Tgt Ion:154 Resp: 1096227
 Ion Ratio Lower Upper
 154 100
 153 113.5 89.8 134.6
 152 54.0 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

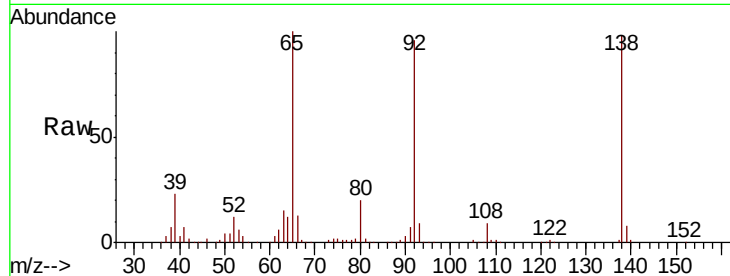




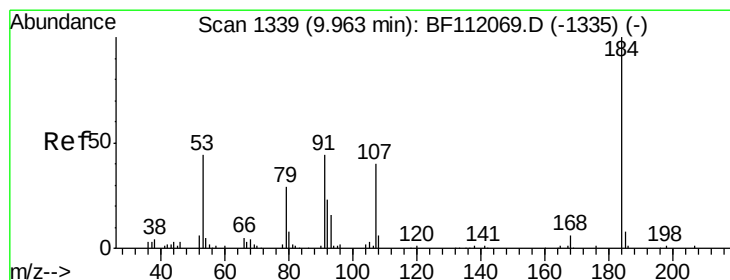
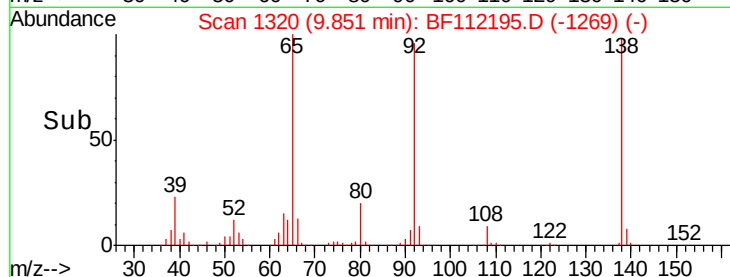
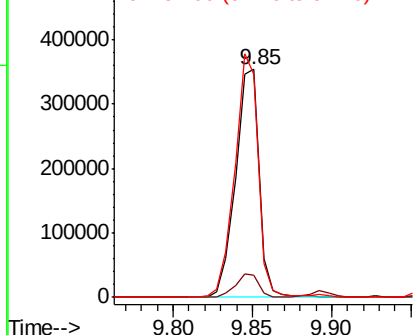
#53
3-Nitroaniline
Concen: 47.764 ng
RT: 9.85 min Scan# 1320
Delta R.T. 0.00 min
Lab File: BF112195.D
Acq: 23 Jan 2019 12:02

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 367828
Ion Ratio Lower Upper
138 100
108 9.6 9.8 14.6#
92 97.6 79.4 119.2

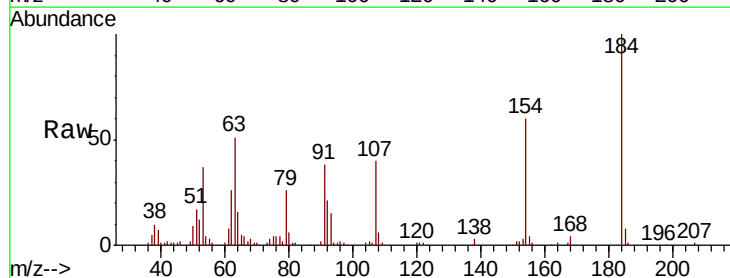


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

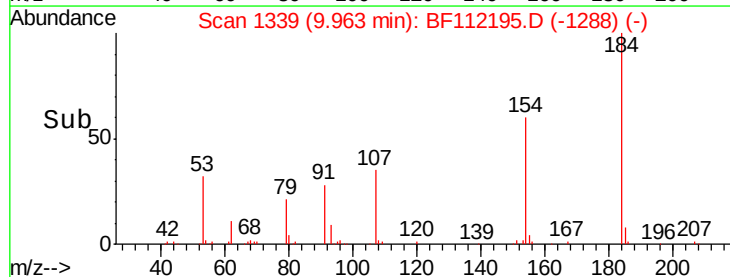
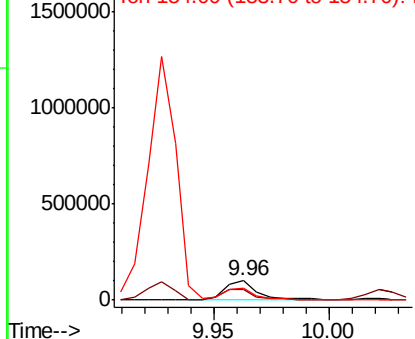


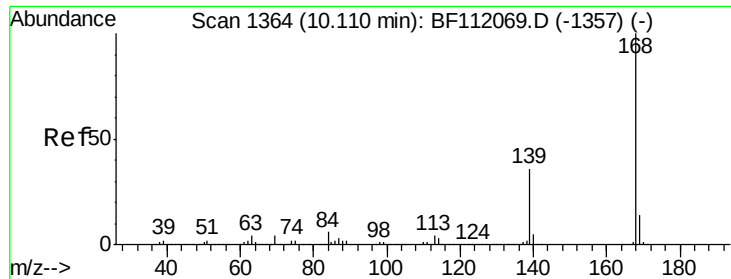
#54
2,4-Dinitrophenol
Concen: 56.595 ng
RT: 9.96 min Scan# 1339
Delta R.T. 0.00 min
Lab File: BF112195.D
Acq: 23 Jan 2019 12:02

Tgt Ion:184 Resp: 102997
Ion Ratio Lower Upper
184 100
63 51.5 47.1 70.7
154 60.4 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

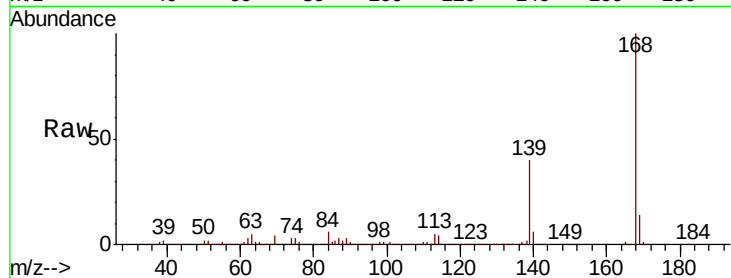




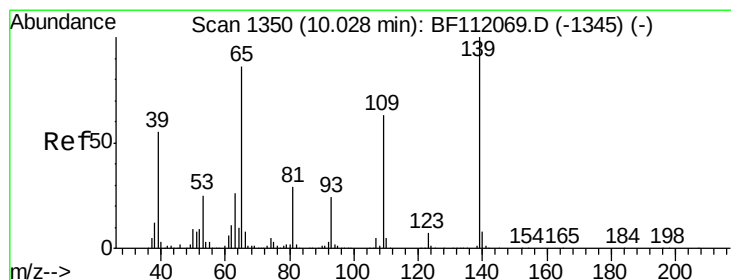
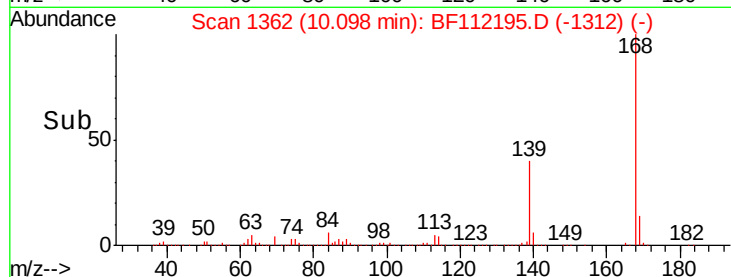
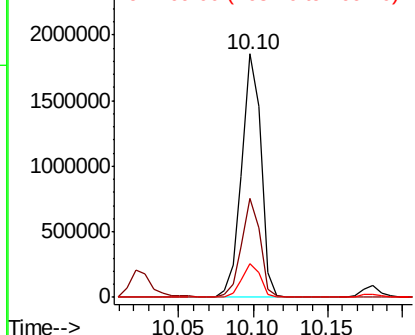
#55
Dibenzofuran
Concen: 40.177 ng
RT: 10.10 min Scan# 1362
Delta R.T. -0.01 min
Lab File: BF112195.D
Acq: 23 Jan 2019 12:02

Instrument :
BNA_F
ClientSampled :

Tot Ion:168 Resp: 1678973
Ion Ratio Lower Upper
168 100
139 40.4 29.2 43.8
169 13.8 11.4 17.0

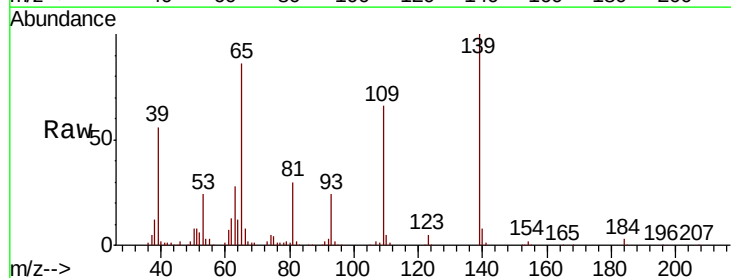


Abundance Ion 168.00 (167.70 to 168.70): E
2500000 Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

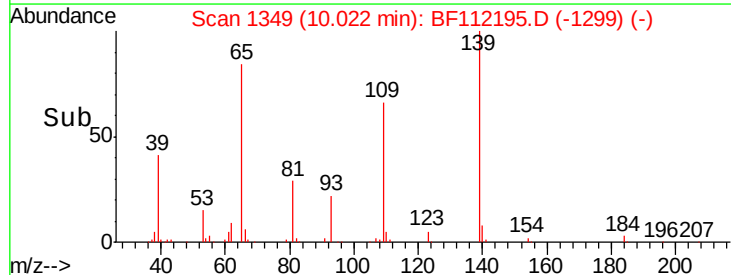
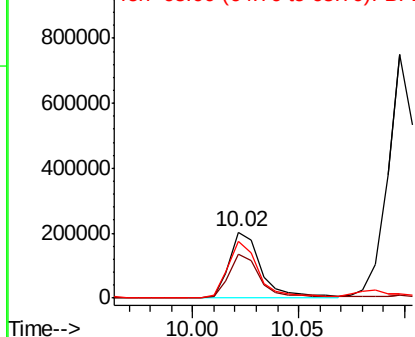


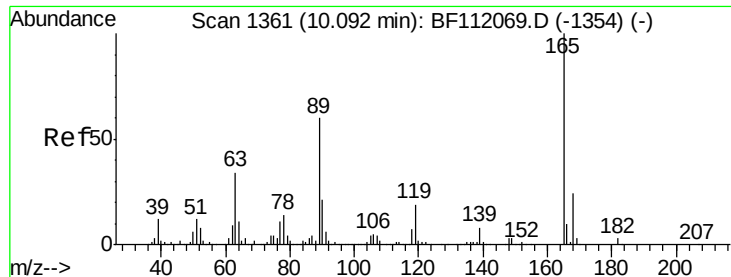
#56
4-Nitrophenol
Concen: 42.050 ng
RT: 10.02 min Scan# 1349
Delta R.T. -0.01 min
Lab File: BF112195.D
Acq: 23 Jan 2019 12:02

Tgt Ion:139 Resp: 215557
Ion Ratio Lower Upper
139 100
109 65.7 42.8 82.8
65 86.4 66.1 106.1



Abundance Ion 139.00 (138.70 to 139.70): E
1000000 Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1

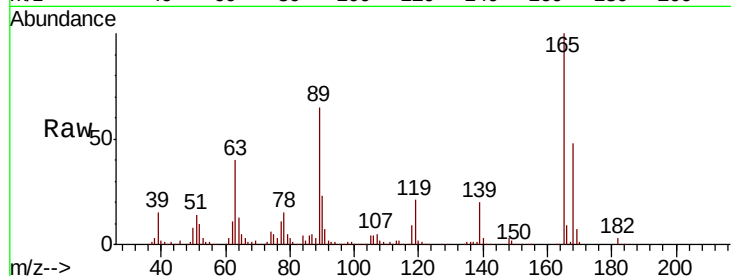




#57
2,4-Dinitrotoluene
Concen: 48.239 ng
RT: 10.09 min Scan# 1360
Delta R.T. 0.00 min
Lab File: BF112195.D
Acq: 23 Jan 2019 12:02

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	40.4	27.9	41.9
89	65.3	47.9	71.9
182	2.8	2.2	3.4



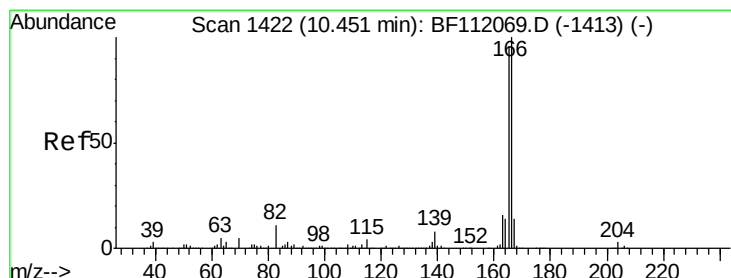
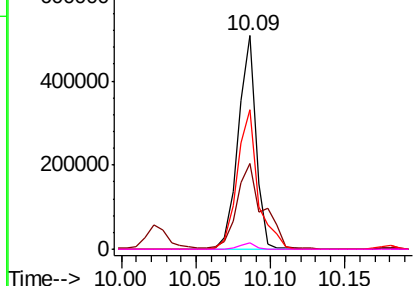
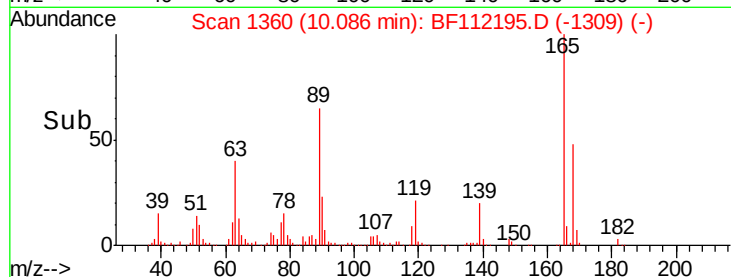
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

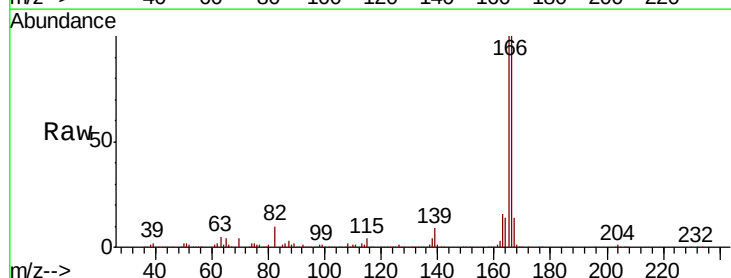
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 40.375 ng
RT: 10.45 min Scan# 1421
Delta R.T. 0.00 min
Lab File: BF112195.D
Acq: 23 Jan 2019 12:02

Tgt Ion	Ratio	Lower	Upper
166	100		
165	100.1	77.1	115.7
167	13.7	11.3	16.9

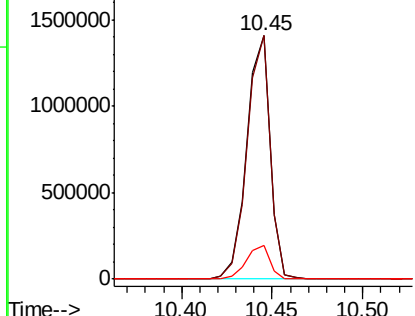
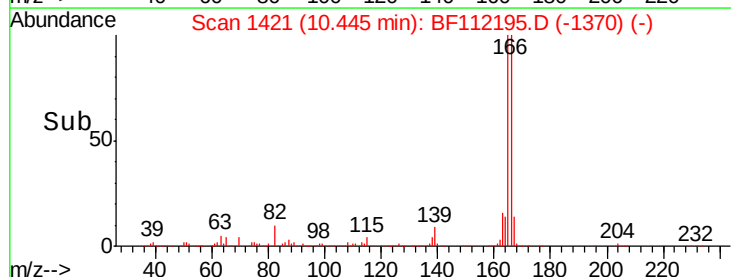


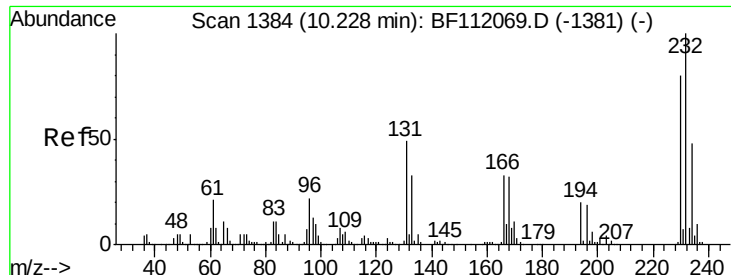
Abundance

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

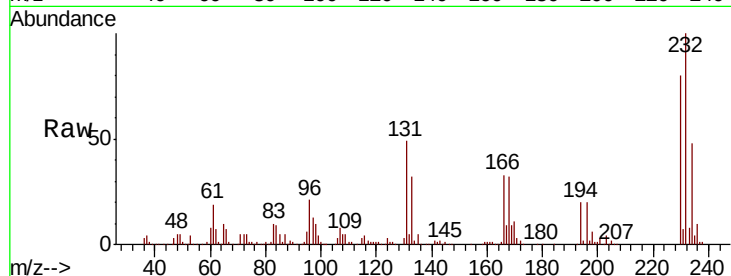




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 44.186 ng
 RT: 10.22 min Scan# 1383
 Delta R.T. -0.01 min
 Lab File: BF112195.D
 Acq: 23 Jan 2019 12:02

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
232	100		
131	44.6	33.9	50.9
130	2.5	1.8	2.6
166	31.1	23.6	35.4



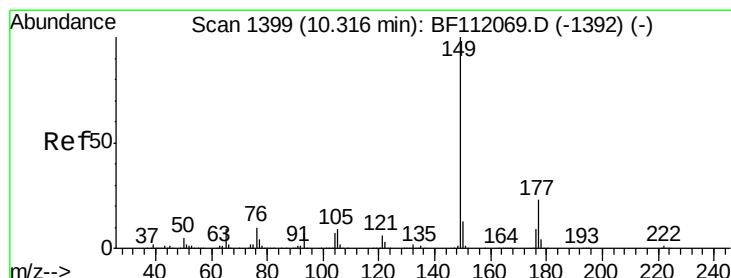
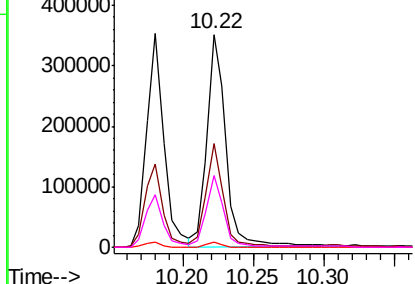
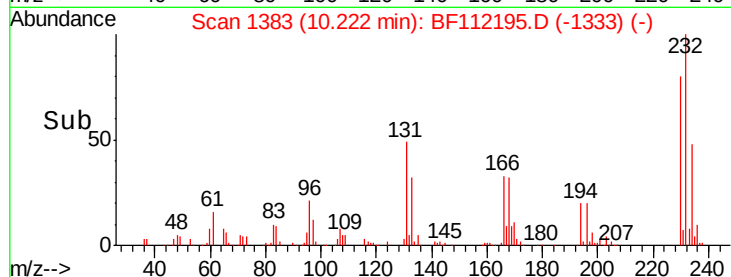
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

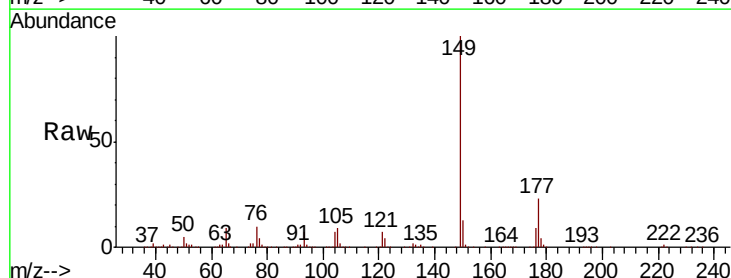
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
 Diethylphthalate
 Concen: 42.710 ng
 RT: 10.31 min Scan# 1398
 Delta R.T. -0.01 min
 Lab File: BF112195.D
 Acq: 23 Jan 2019 12:02

Tgt Ion	Ratio	Lower	Upper
149	100		
177	22.5	18.2	27.2
150	12.8	10.4	15.6

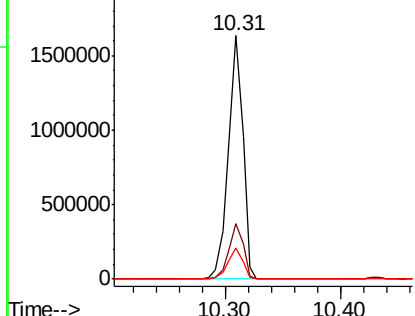
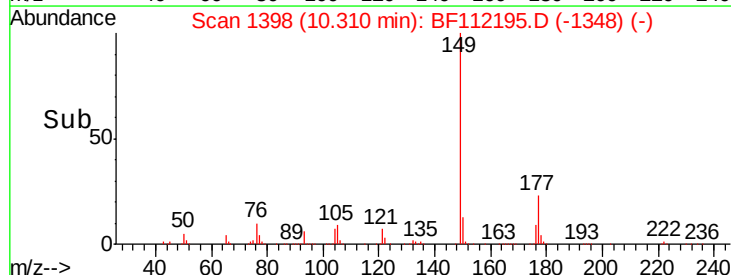


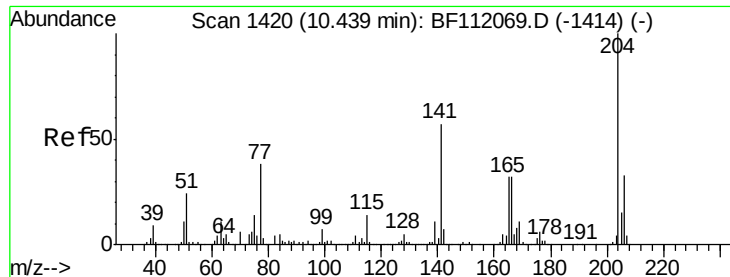
Abundance

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

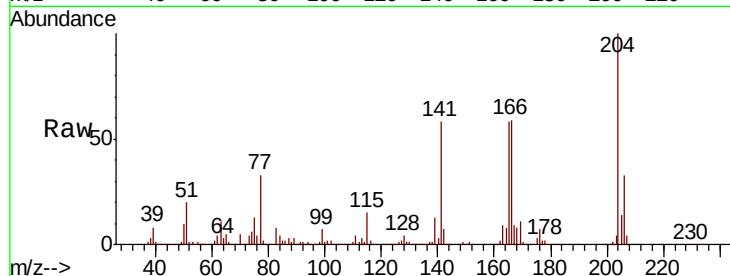




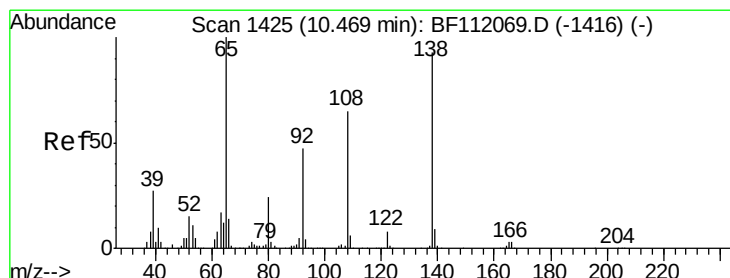
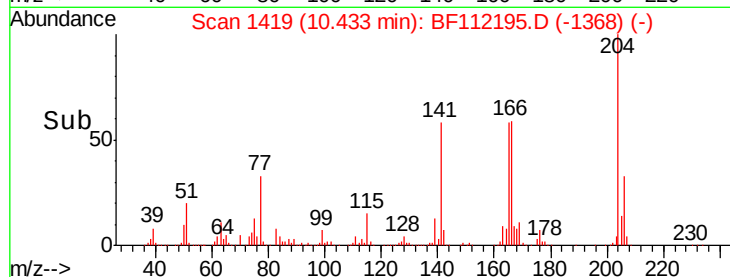
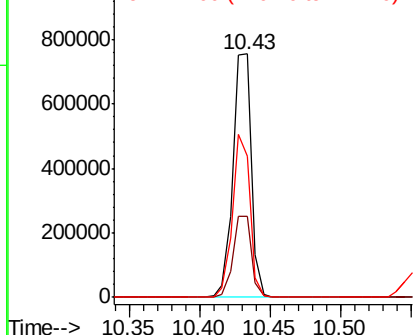
#61
 4-Chlorophenyl-phenylether
 Concen: 40.796 ng
 RT: 10.43 min Scan# 1419
 Delta R.T. 0.00 min
 Lab File: BF112195.D
 Acq: 23 Jan 2019 12:02

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:204 Resp: 687327
 Ion Ratio Lower Upper
 204 100
 206 33.3 26.5 39.7
 141 58.1 45.9 68.9

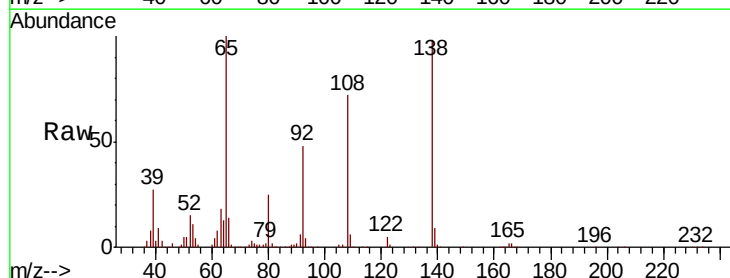


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

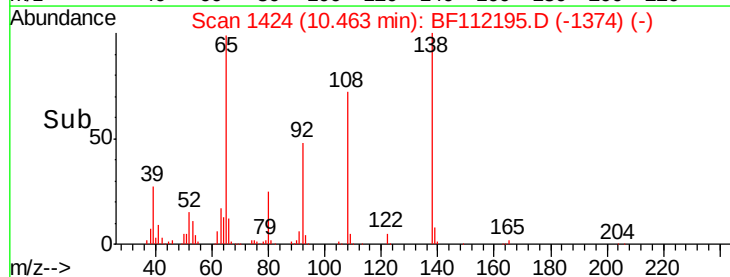
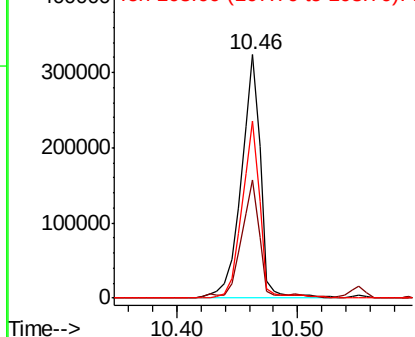


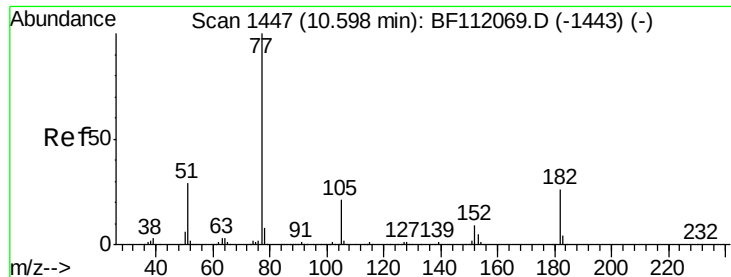
#62
 4-Nitroaniline
 Concen: 47.136 ng
 RT: 10.46 min Scan# 1424
 Delta R.T. -0.01 min
 Lab File: BF112195.D
 Acq: 23 Jan 2019 12:02

Tgt Ion:138 Resp: 360445
 Ion Ratio Lower Upper
 138 100
 92 48.4 30.6 70.6
 108 72.6 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

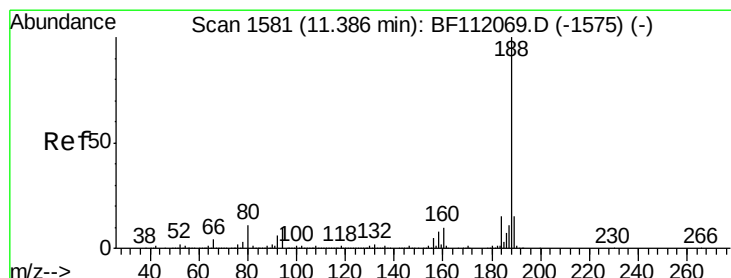
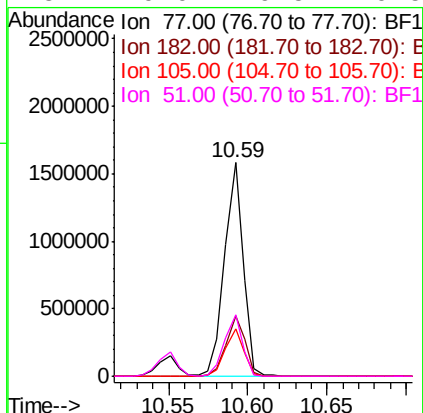
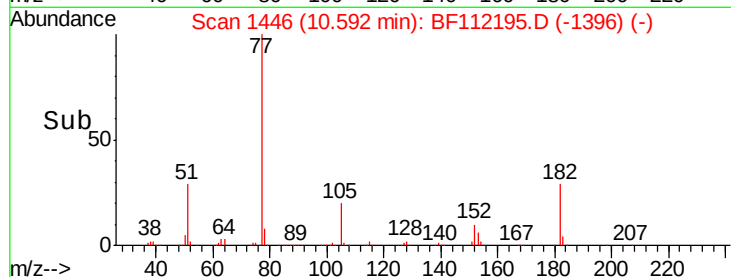
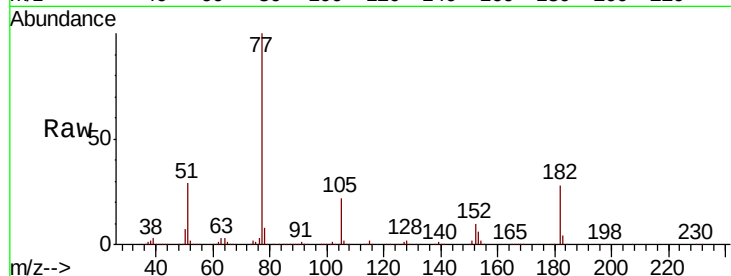




#63
Azobenzene
Concen: 40.159 ng
RT: 10.59 min Scan# 1446
Delta R.T. -0.01 min
Lab File: BF112195.D
Acq: 23 Jan 2019 12:02

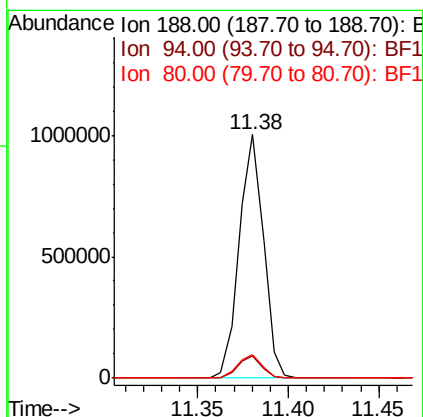
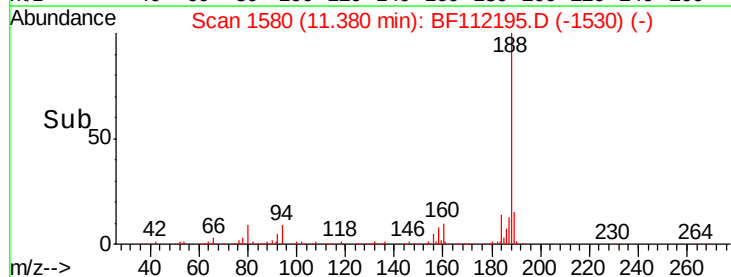
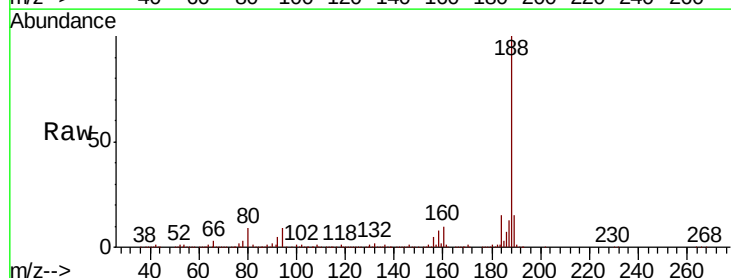
Instrument :
BNA_F
ClientSampleId :

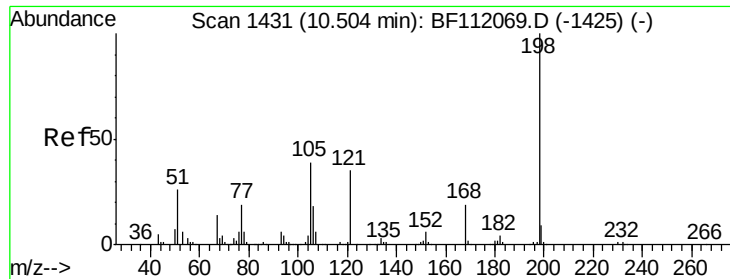
Tot Ion: 77 Resp: 1294527
Ion Ratio Lower Upper
77 100
182 28.5 5.7 45.7
105 22.1 1.4 41.4
51 29.0 9.5 49.5



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.38 min Scan# 1580
Delta R.T. -0.01 min
Lab File: BF112195.D
Acq: 23 Jan 2019 12:02

Tgt Ion: 188 Resp: 938703
Ion Ratio Lower Upper
188 100
94 8.9 8.2 12.2
80 9.4 8.9 13.3

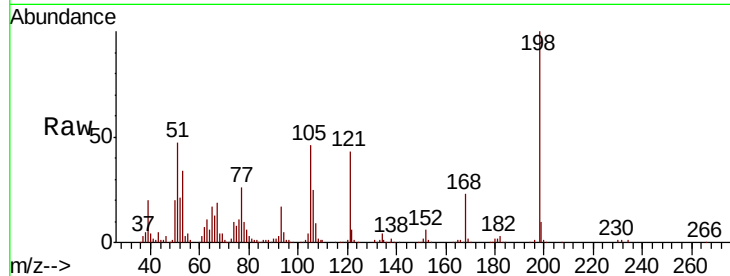




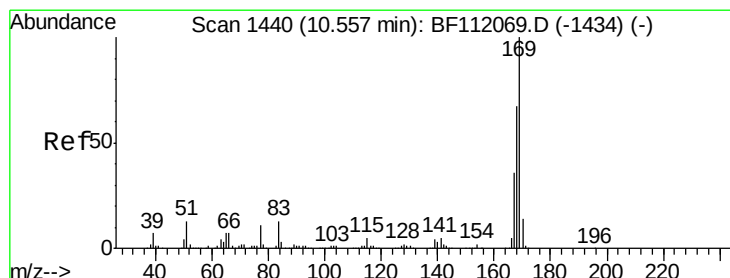
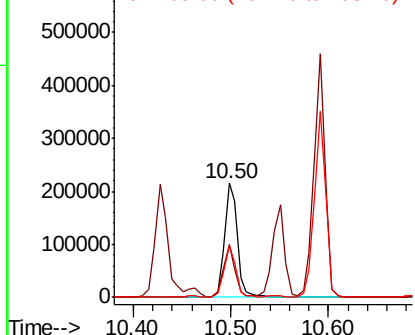
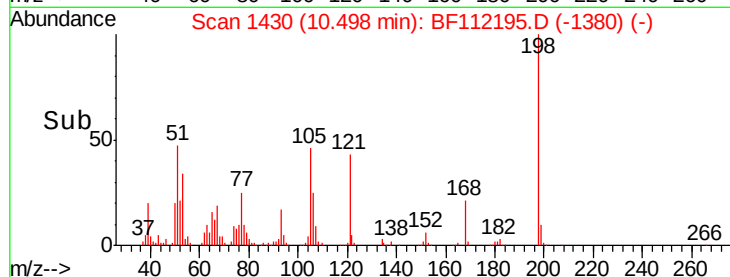
#65
 4,6-Dinitro-2-methylphenol
 Concen: 50.279 ng
 RT: 10.50 min Scan# 1430
 Delta R.T. -0.01 min
 Lab File: BF112195.D
 Acq: 23 Jan 2019 12:02

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:198 Resp: 199215
 Ion Ratio Lower Upper
 198 100
 51 46.8 17.2 57.2
 105 45.6 21.9 61.9

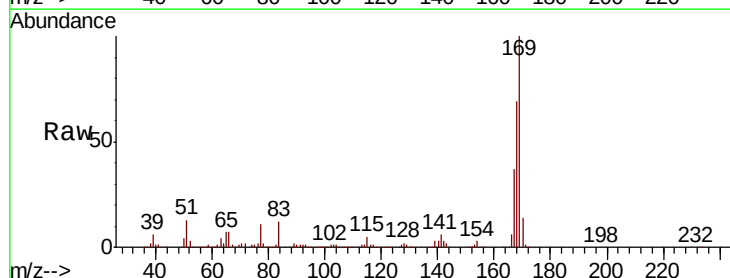


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF1
 Ion 105.00 (104.70 to 105.70): E

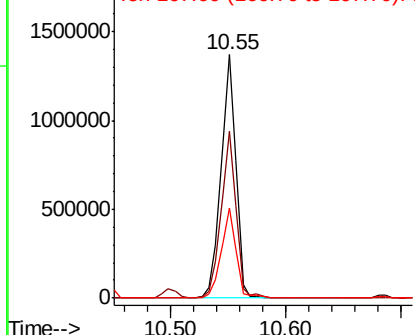
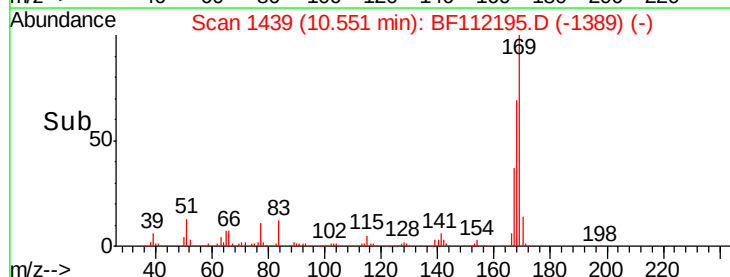


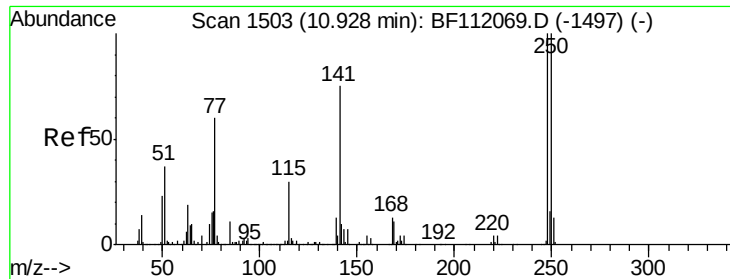
#66
 n-Nitrosodiphenylamine
 Concen: 39.749 ng
 RT: 10.55 min Scan# 1439
 Delta R.T. -0.01 min
 Lab File: BF112195.D
 Acq: 23 Jan 2019 12:02

Tgt Ion:169 Resp: 1233529
 Ion Ratio Lower Upper
 169 100
 168 68.8 53.9 80.9
 167 37.2 28.9 43.3



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

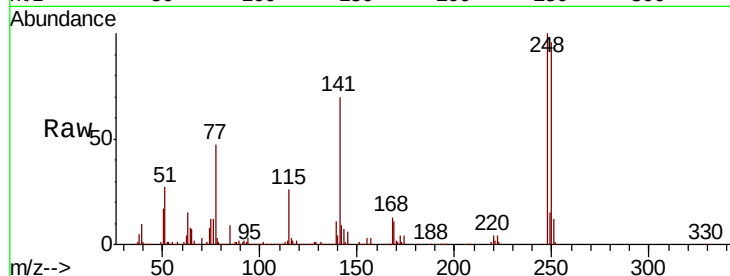




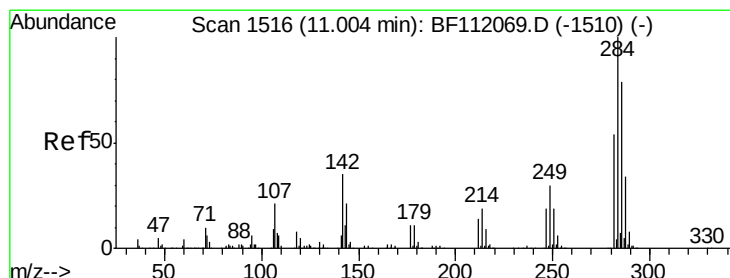
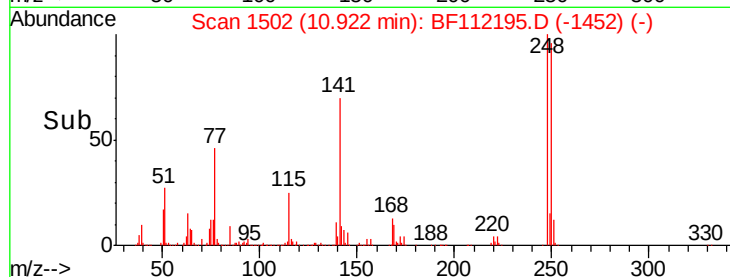
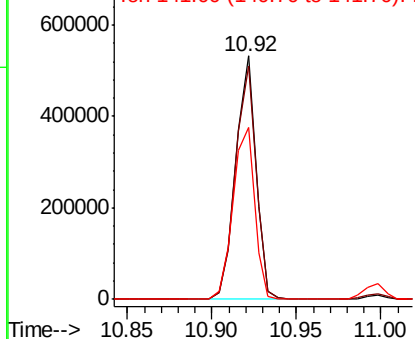
#67
4-Bromophenyl-phenylether
Concen: 40.686 ng
RT: 10.92 min Scan# 1502
Delta R.T. -0.01 min
Lab File: BF112195.D
Acq: 23 Jan 2019 12:02

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 443622
Ion Ratio Lower Upper
248 100
250 95.8 79.7 119.5
141 70.4 60.3 90.5

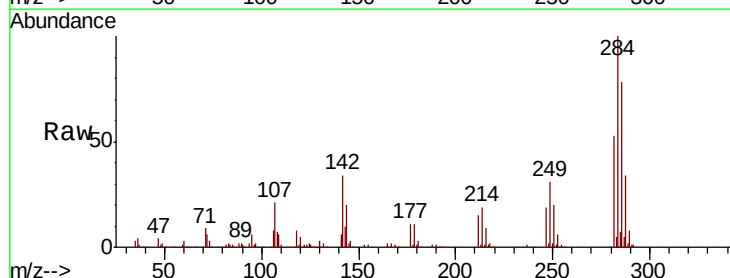


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

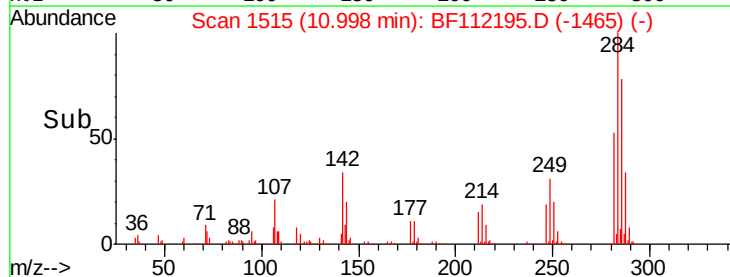
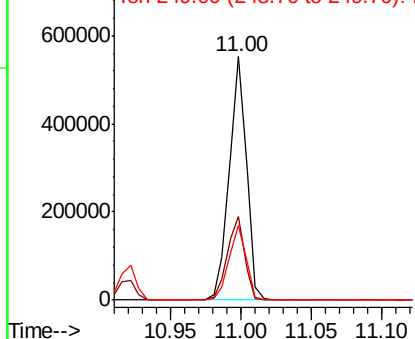


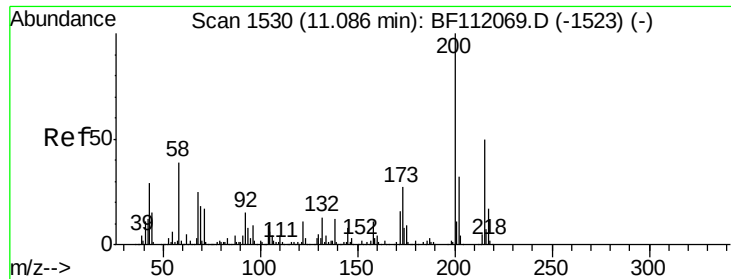
#68
Hexachlorobenzene
Concen: 39.799 ng
RT: 11.00 min Scan# 1515
Delta R.T. -0.01 min
Lab File: BF112195.D
Acq: 23 Jan 2019 12:02

Tgt Ion:284 Resp: 467451
Ion Ratio Lower Upper
284 100
142 34.2 27.6 41.4
249 30.6 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

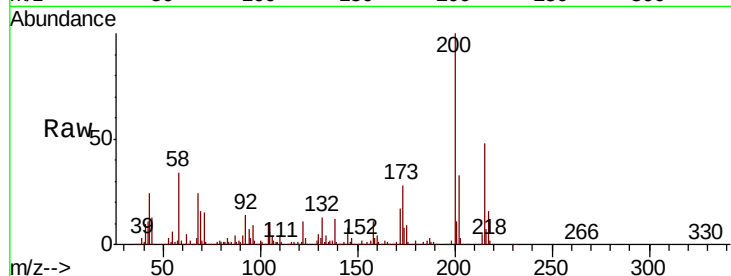




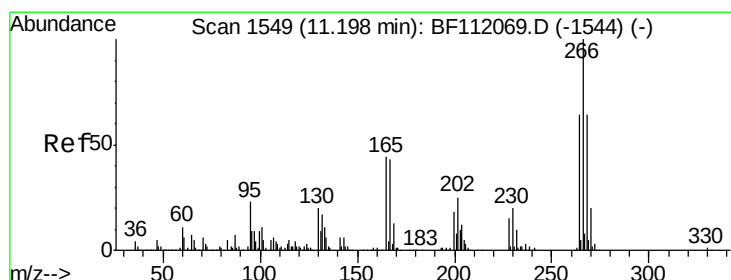
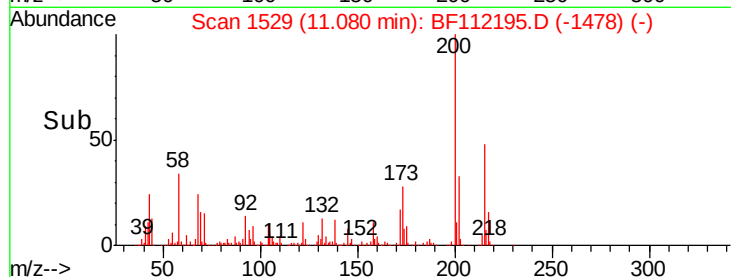
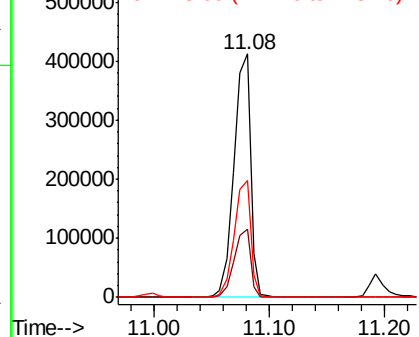
#69
Atrazine
Concen: 41.160 ng
RT: 11.08 min Scan# 1529
Delta R.T. 0.00 min
Lab File: BF112195.D
Acq: 23 Jan 2019 12:02

Instrument :
BNA_F
ClientSampled :

Tot Ion:200 Resp: 412171
Ion Ratio Lower Upper
200 100
173 28.1 7.1 47.1
215 48.0 30.4 70.4

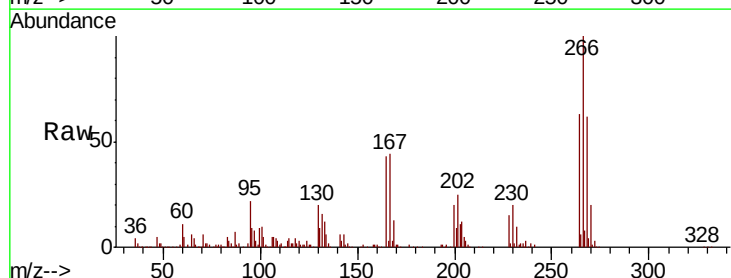


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

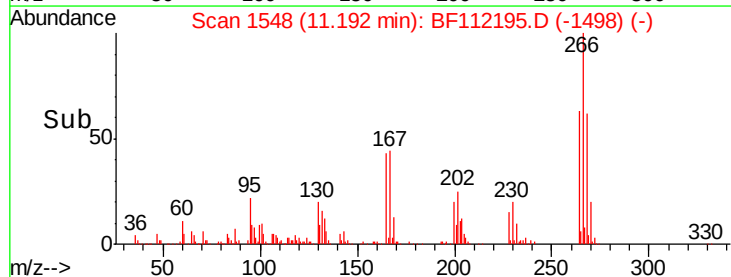
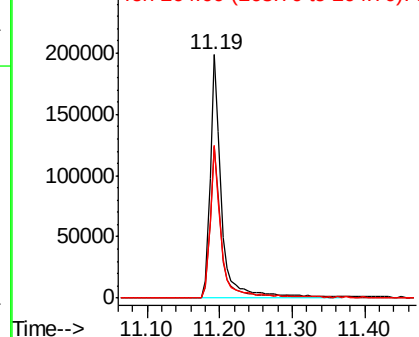


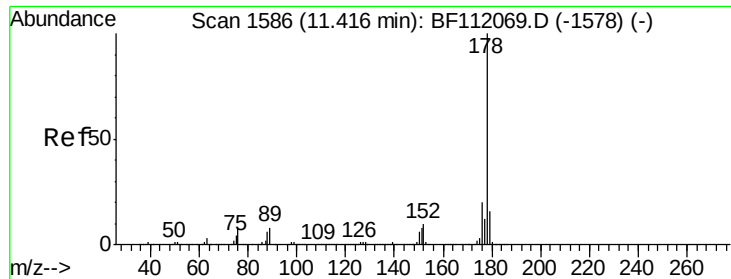
#70
Pentachlorophenol
Concen: 41.918 ng
RT: 11.19 min Scan# 1548
Delta R.T. -0.01 min
Lab File: BF112195.D
Acq: 23 Jan 2019 12:02

Tgt Ion:266 Resp: 218952
Ion Ratio Lower Upper
266 100
268 62.0 51.2 76.8
264 62.9 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: 39.705 ng

RT: 11.40 min Scan# 1584

Delta R.T. -0.01 min

Lab File: BF112195.D

Acq: 23 Jan 2019 12:02

Instrument :

BNA_F

ClientSampled :

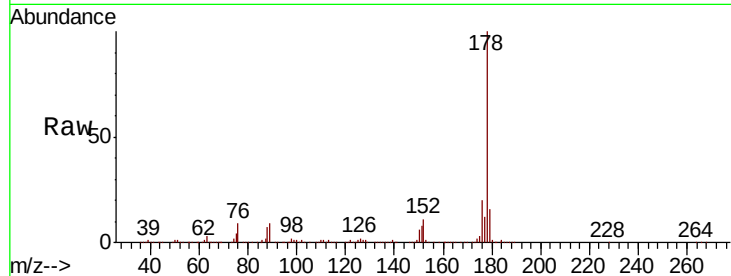
Tot Ion:178 Resp: 1875727

Ion Ratio Lower Upper

178 100

176 19.7 16.3 24.5

179 15.9 13.0 19.4

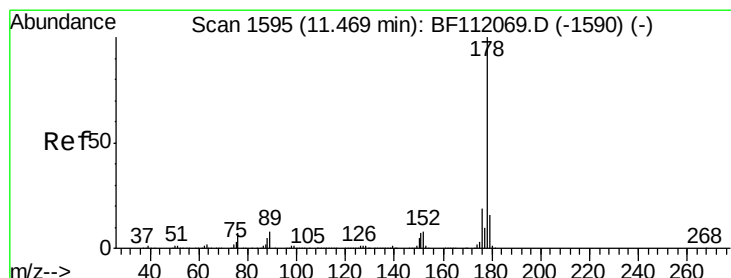
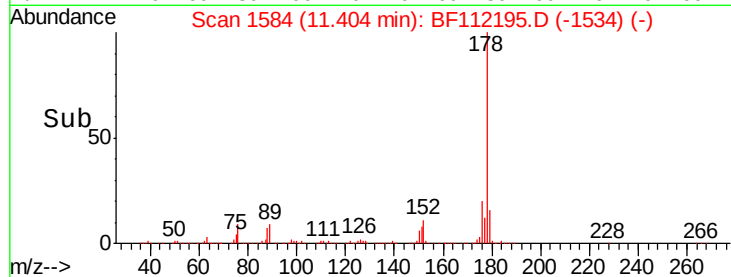
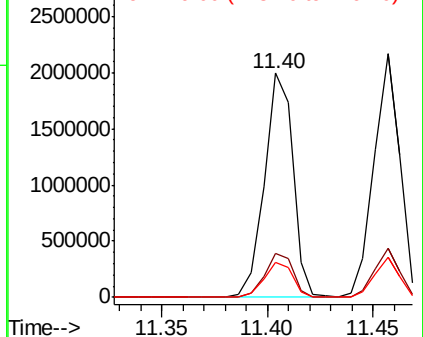


Abundance

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: 39.242 ng

RT: 11.46 min Scan# 1593

Delta R.T. -0.01 min

Lab File: BF112195.D

Acq: 23 Jan 2019 12:02

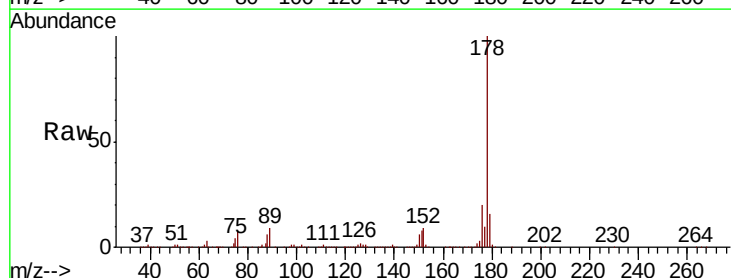
Tgt Ion:178 Resp: 1877955

Ion Ratio Lower Upper

178 100

176 19.9 15.5 23.3

179 16.2 12.8 19.2

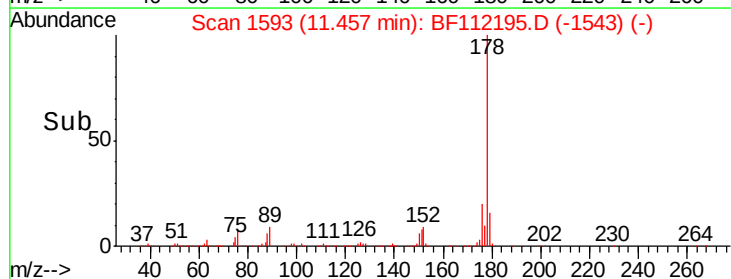
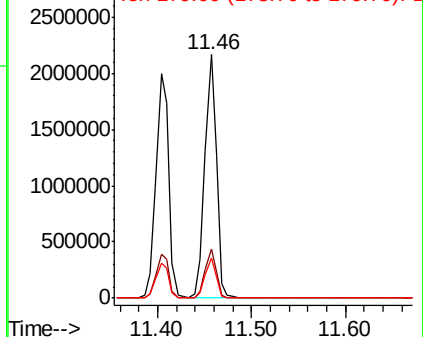


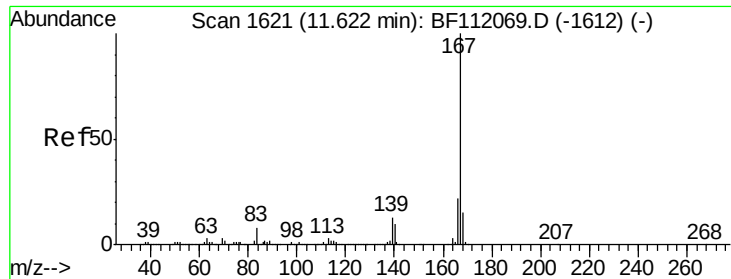
Abundance

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: 38.994 ng

RT: 11.61 min Scan# 1619

Delta R.T. -0.01 min

Lab File: BF112195.D

Acq: 23 Jan 2019 12:02

Instrument :

BNA_F

ClientSampleId :

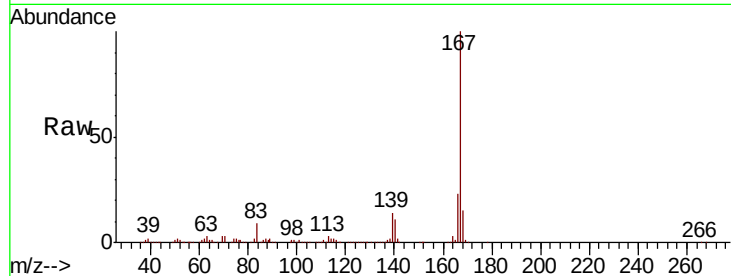
Tot Ion:167 Resp: 1869333

Ion Ratio Lower Upper

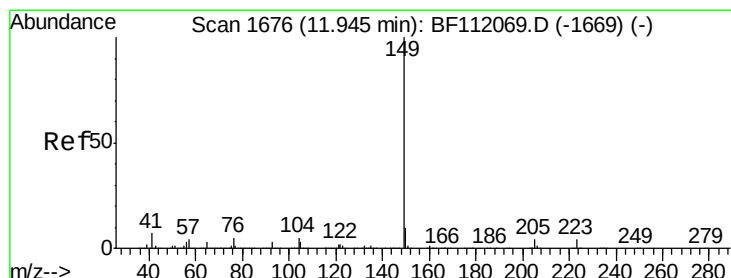
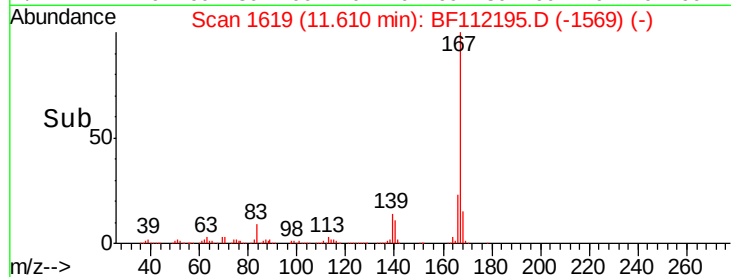
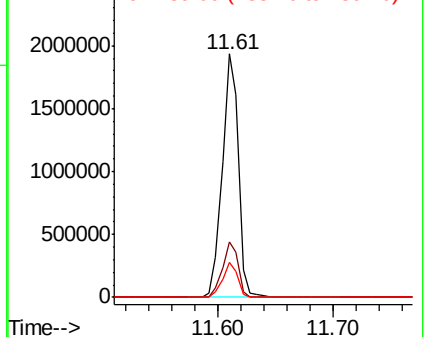
167 100

166 22.5 17.9 26.9

139 14.2 10.2 15.2



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



#74

Di-n-butylphthalate

Concen: 42.439 ng

RT: 11.93 min Scan# 1674

Delta R.T. -0.01 min

Lab File: BF112195.D

Acq: 23 Jan 2019 12:02

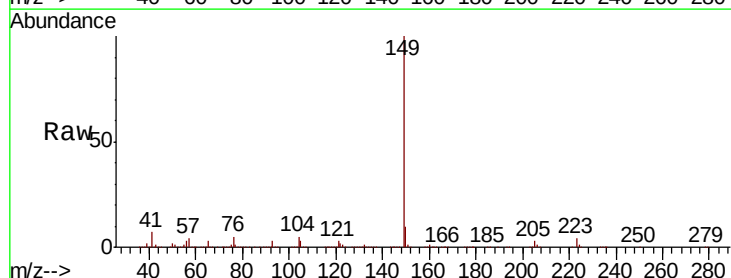
Tgt Ion:149 Resp: 2288523

Ion Ratio Lower Upper

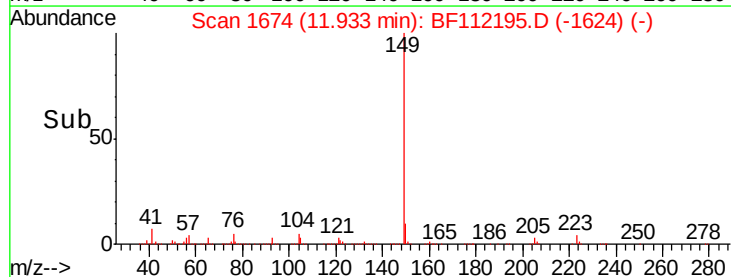
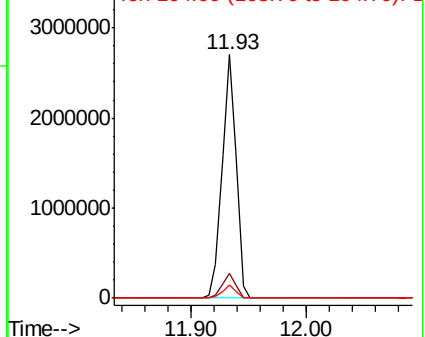
149 100

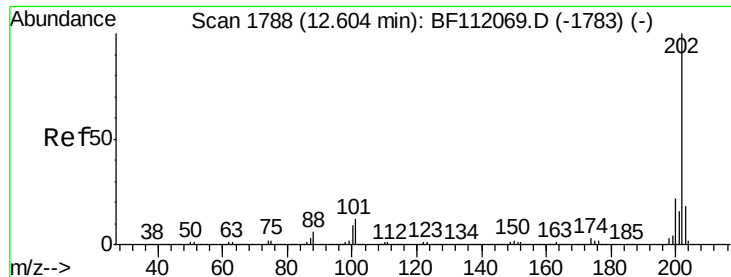
150 10.3 8.1 12.1

104 5.3 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

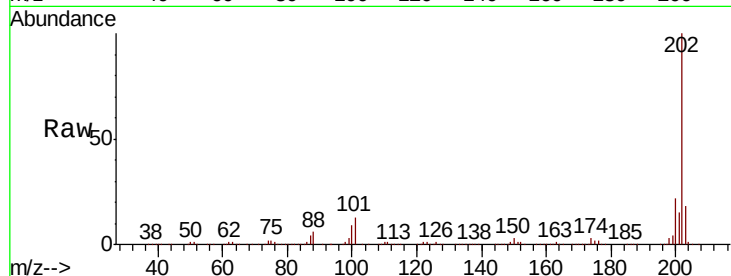




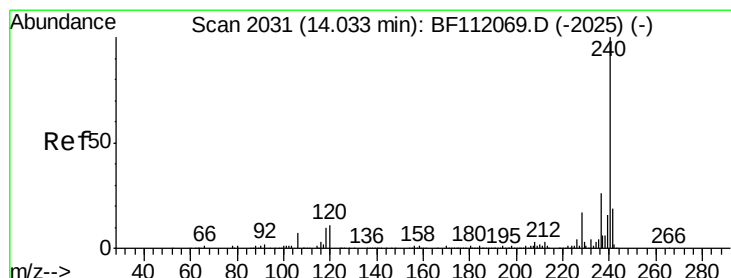
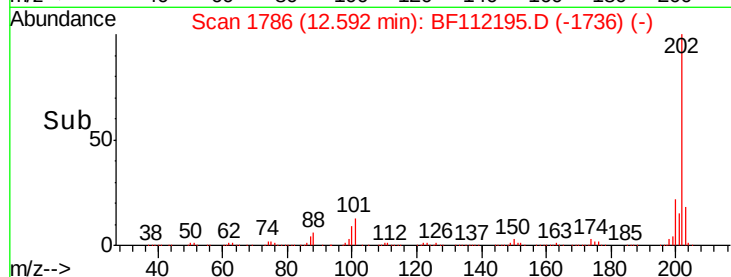
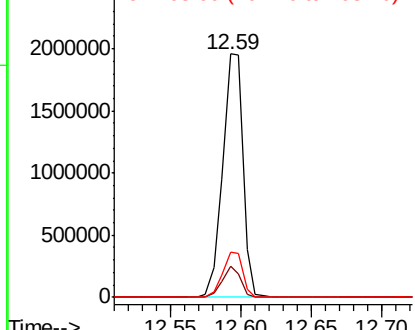
#75
 Fluoranthene
 Concen: 39.424 ng
 RT: 12.59 min Scan# 1786
 Delta R.T. -0.01 min
 Lab File: BF112195.D
 Acq: 23 Jan 2019 12:02

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:202 Resp: 1966405
 Ion Ratio Lower Upper
 202 100
 101 12.6 0.0 31.8
 203 18.4 0.0 38.4

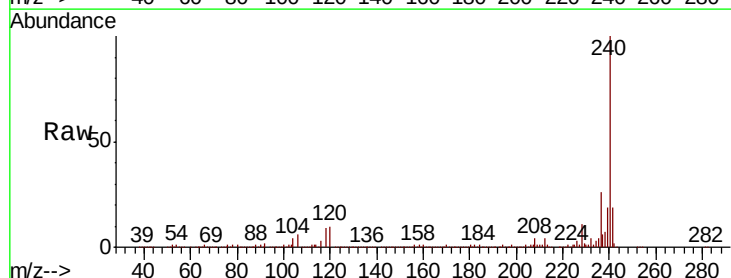


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E

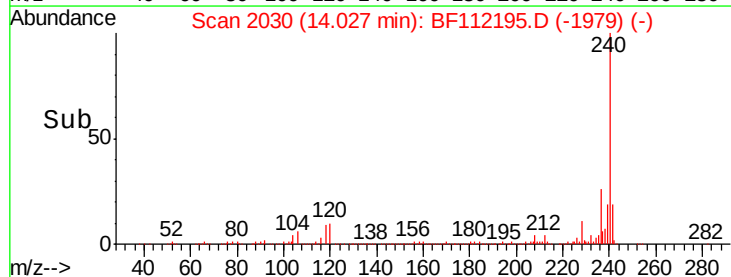
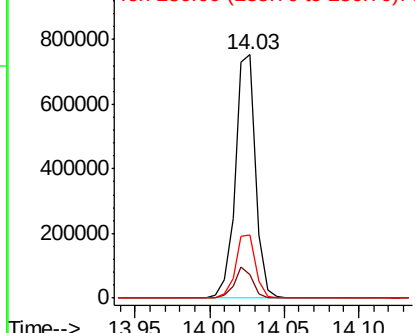


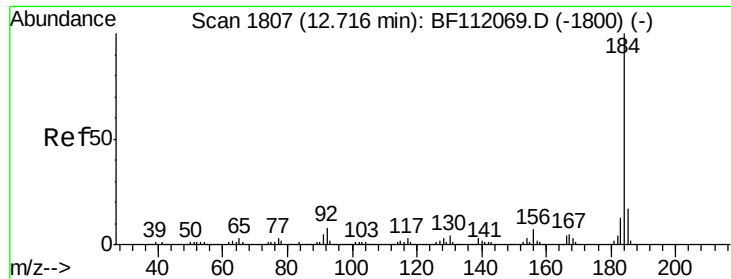
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.03 min Scan# 2030
 Delta R.T. 0.00 min
 Lab File: BF112195.D
 Acq: 23 Jan 2019 12:02

Tgt Ion:240 Resp: 714856
 Ion Ratio Lower Upper
 240 100
 120 9.8 9.0 13.6
 236 25.8 20.7 31.1



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





#77

Benzidine

Concen: 29.442 ng

RT: 12.71 min Scan# 1806

Delta R.T. 0.00 min

Lab File: BF112195.D

Acq: 23 Jan 2019 12:02

Instrument :

BNA_F

ClientSampleId :

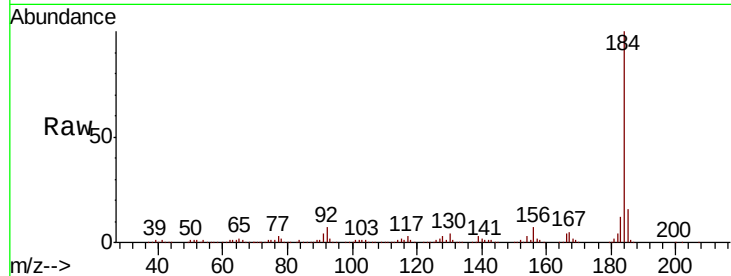
Tot Ion:184 Resp: 702226

Ion Ratio Lower Upper

184 100

185 16.2 13.9 20.9

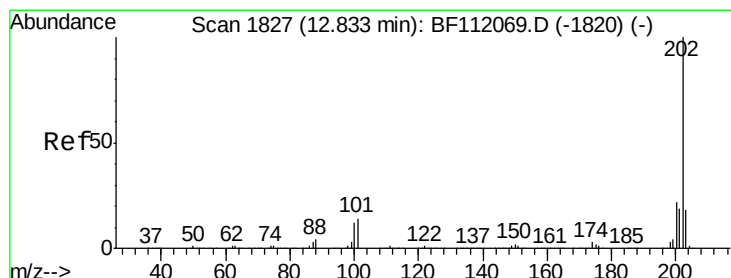
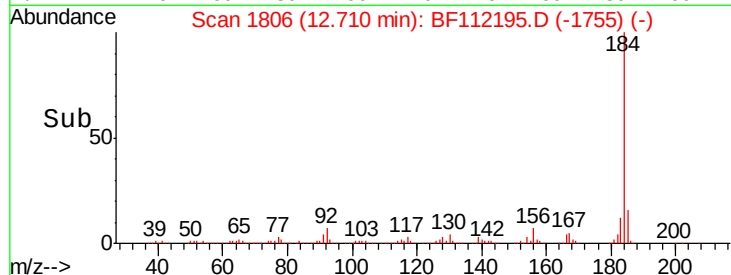
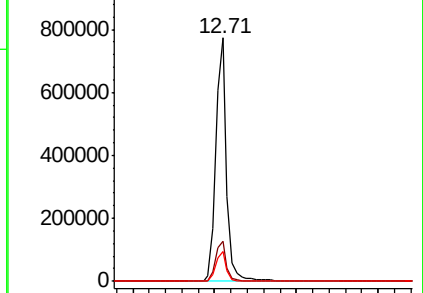
183 12.3 10.0 15.0



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 42.092 ng

RT: 12.82 min Scan# 1825

Delta R.T. -0.01 min

Lab File: BF112195.D

Acq: 23 Jan 2019 12:02

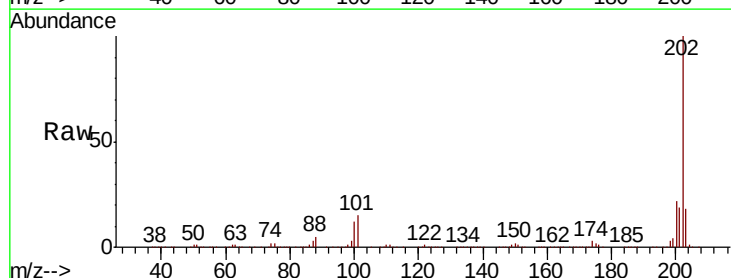
Tgt Ion:202 Resp: 1985184

Ion Ratio Lower Upper

202 100

200 21.7 17.7 26.5

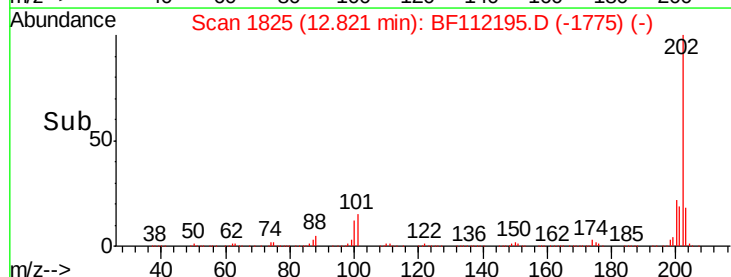
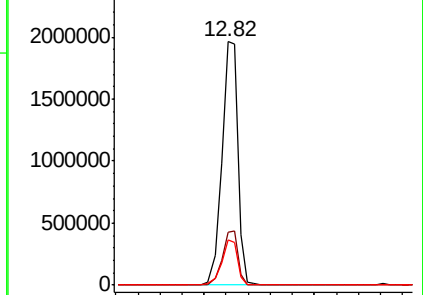
203 18.5 14.6 22.0

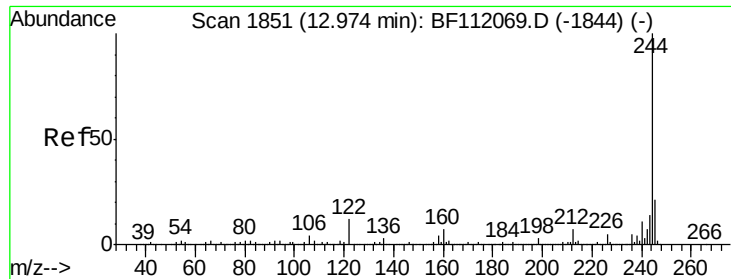


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

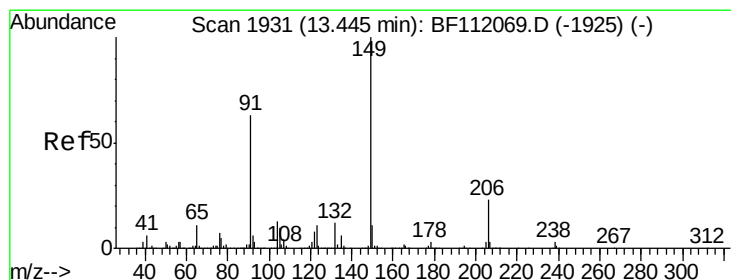
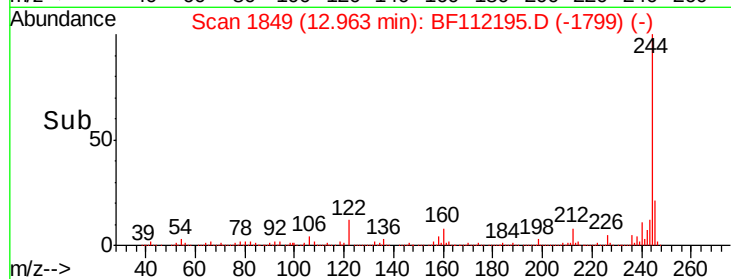
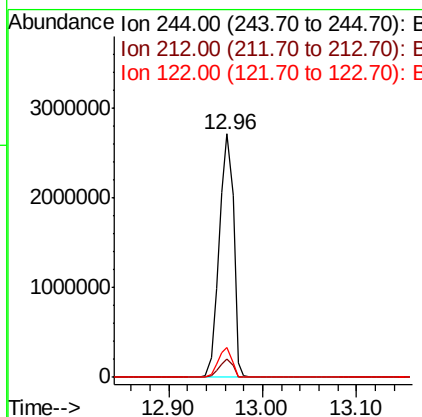
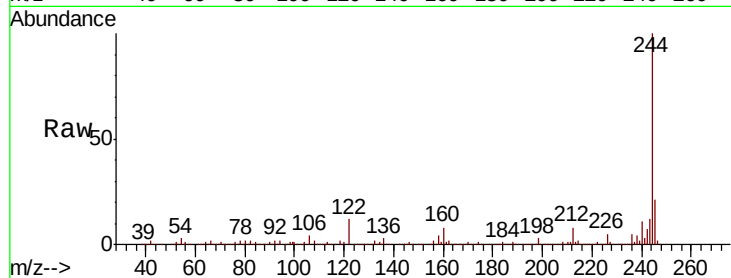




#79
 Terphenyl-d14
 Concen: 86.469 ng
 RT: 12.96 min Scan# 1849
 Delta R.T. -0.01 min
 Lab File: BF112195.D
 Acq: 23 Jan 2019 12:02

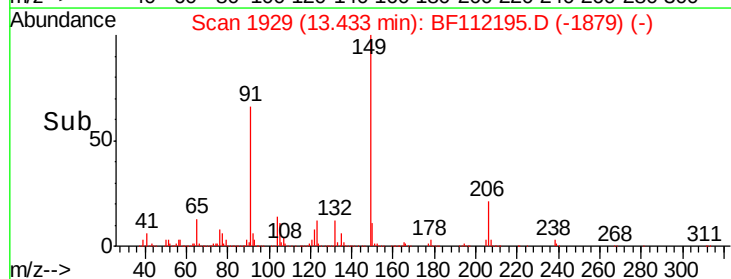
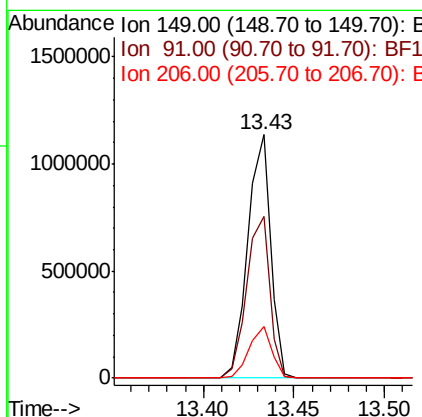
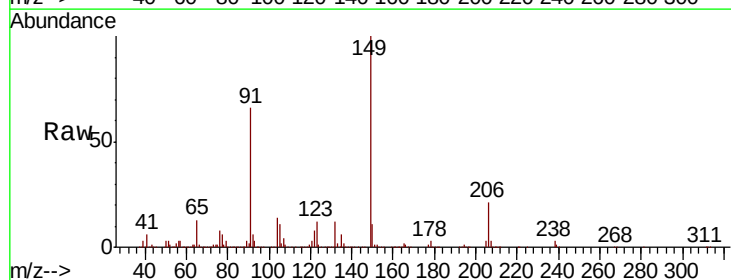
Instrument :
 BNA_F
 ClientSampleId :

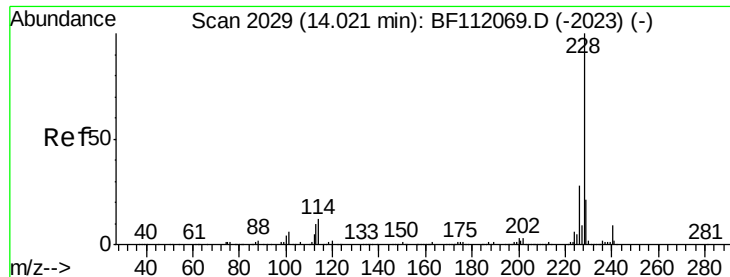
Tot Ion:244 Resp: 2905591
 Ion Ratio Lower Upper
 244 100
 212 7.7 5.9 8.9
 122 12.4 9.8 14.6



#80
 Butylbenzylphthalate
 Concen: 48.345 ng
 RT: 13.43 min Scan# 1929
 Delta R.T. -0.01 min
 Lab File: BF112195.D
 Acq: 23 Jan 2019 12:02

Tgt Ion:149 Resp: 1000284
 Ion Ratio Lower Upper
 149 100
 91 66.2 50.3 75.5
 206 21.1 18.2 27.4





#81

Benzo(a)anthracene

Concen: 40.695 ng

RT: 14.01 min Scan# 2027

Delta R.T. -0.01 min

Lab File: BF112195.D

Acq: 23 Jan 2019 12:02

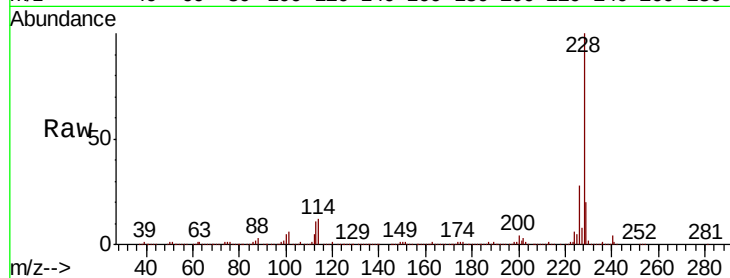
Instrument :

BNA_F

ClientSampled :

Tot Ion:228 Resp: 1667998

Ion	Ratio	Lower	Upper
228	100		
226	27.8	22.6	34.0
229	20.3	16.5	24.7

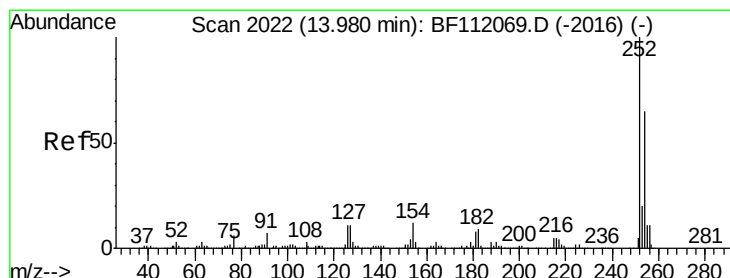
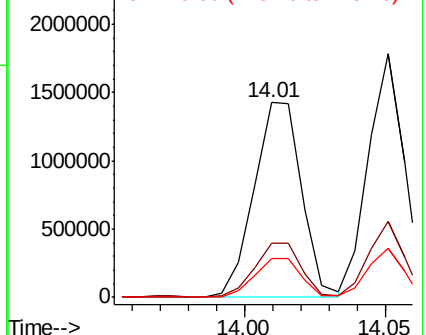
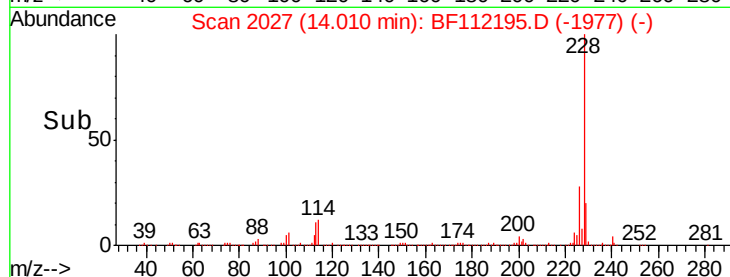


Abundance

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: 41.777 ng

RT: 13.97 min Scan# 2020

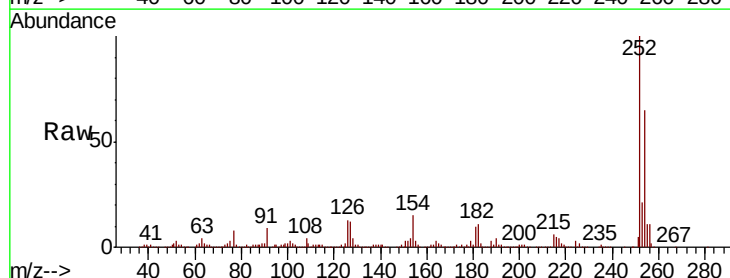
Delta R.T. -0.01 min

Lab File: BF112195.D

Acq: 23 Jan 2019 12:02

Tgt Ion:252 Resp: 641274

Ion	Ratio	Lower	Upper
252	100		
254	64.9	51.6	77.4
126	12.6	8.6	12.8

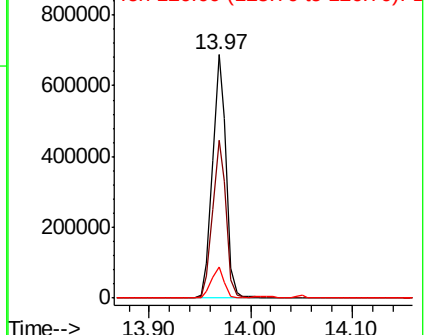
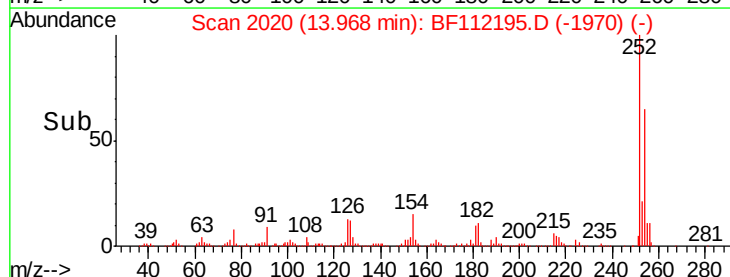


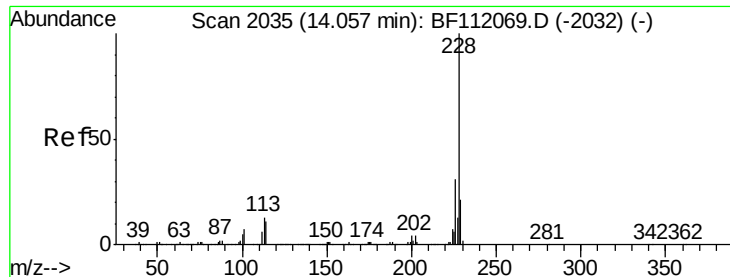
Abundance

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: 40.532 ng

RT: 14.05 min Scan# 2034

Delta R.T. -0.01 min

Lab File: BF112195.D

Acq: 23 Jan 2019 12:02

Instrument :

BNA_F

ClientSampled :

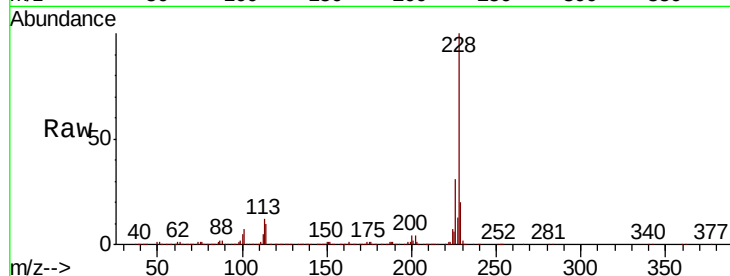
Tot Ion:228 Resp: 1571981

Ion Ratio Lower Upper

228 100

226 31.3 25.0 37.6

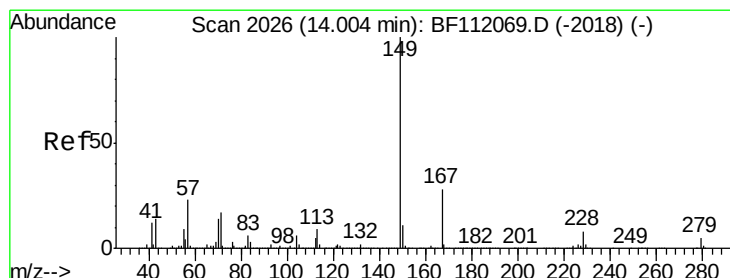
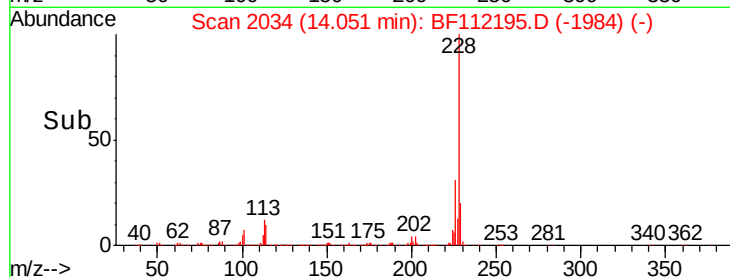
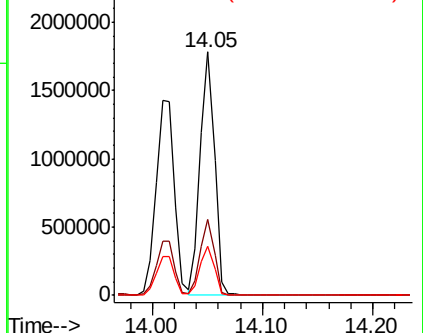
229 20.2 16.6 24.8



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 47.694 ng

RT: 13.99 min Scan# 2024

Delta R.T. -0.01 min

Lab File: BF112195.D

Acq: 23 Jan 2019 12:02

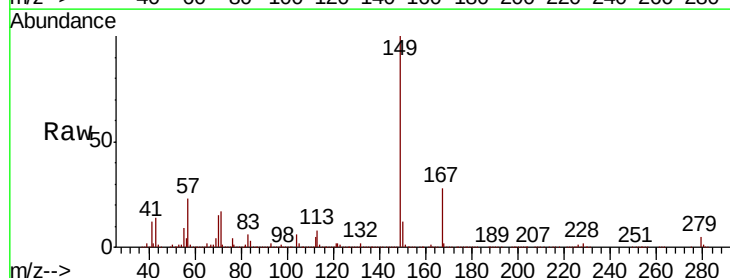
Tgt Ion:149 Resp: 1414284

Ion Ratio Lower Upper

149 100

167 27.9 22.5 33.7

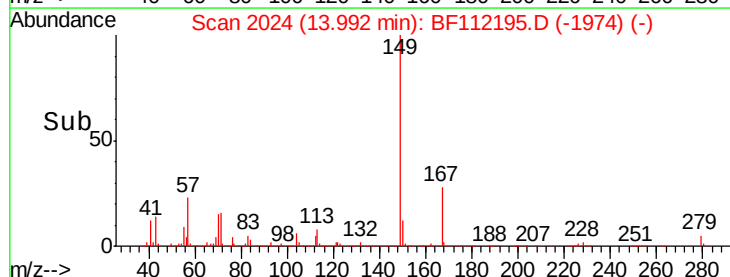
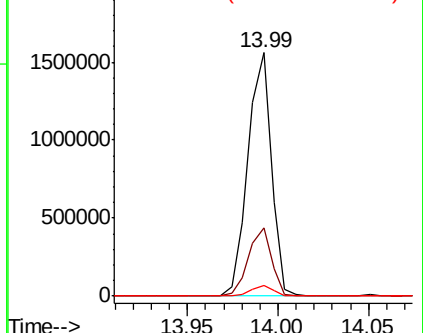
279 4.6 3.8 5.6

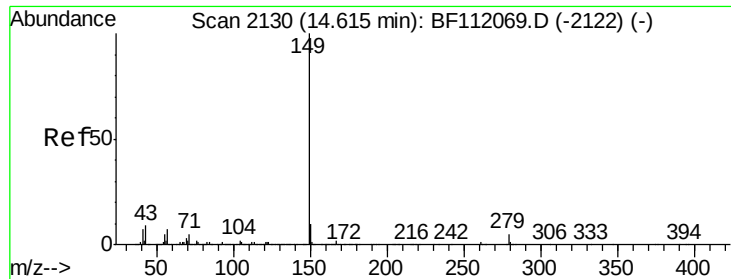


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

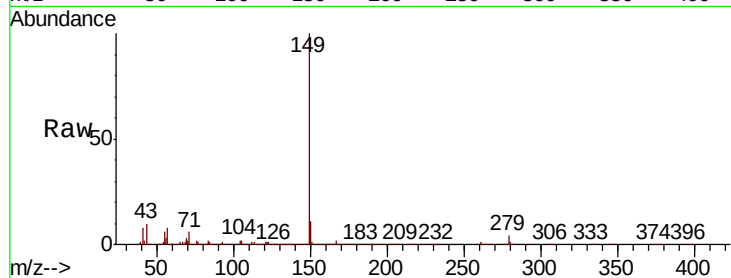




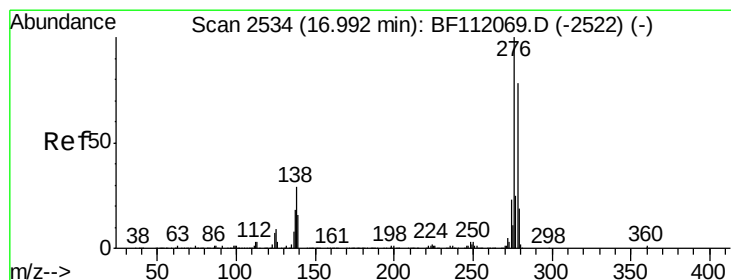
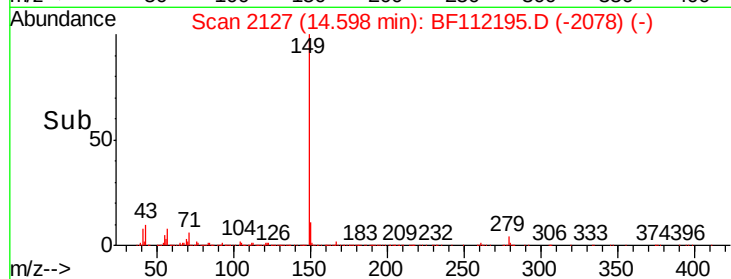
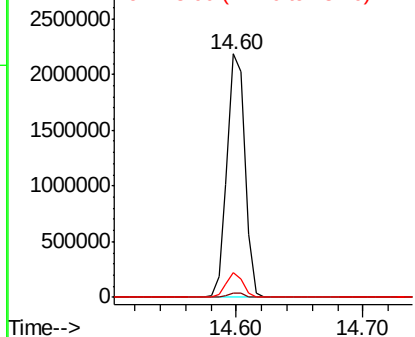
#85
Di-n-octyl phthalate
Concen: 46.729 ng
RT: 14.60 min Scan# 2127
Delta R.T. -0.01 min
Lab File: BF112195.D
Acq: 23 Jan 2019 12:02

Instrument :
BNA_F
ClientSampled :

Tot Ion:149 Resp: 2134997
Ion Ratio Lower Upper
149 100
167 1.7 1.3 1.9
43 9.1 7.8 11.6

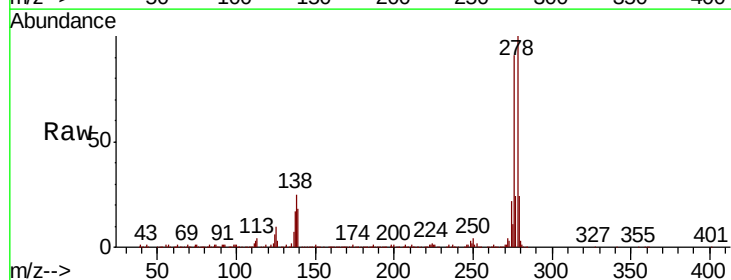


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1

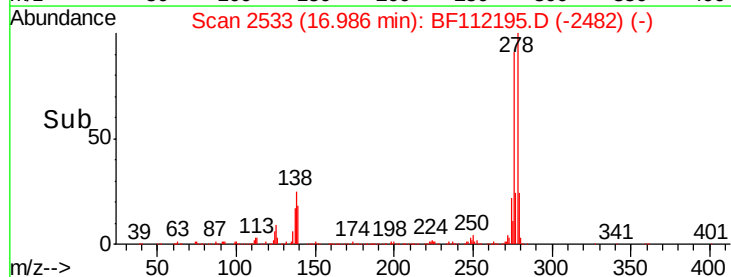
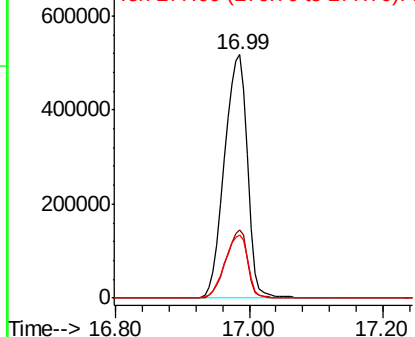


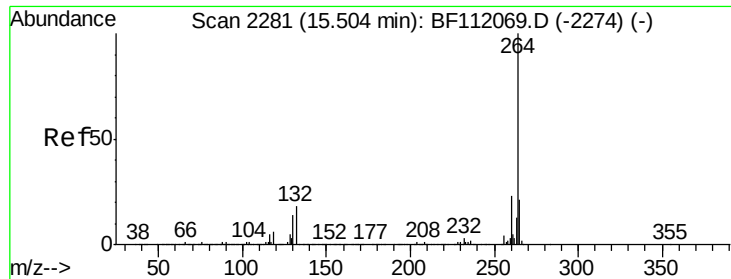
#86
Indeno(1,2,3-cd)pyrene
Concen: 35.354 ng
RT: 16.99 min Scan# 2533
Delta R.T. 0.00 min
Lab File: BF112195.D
Acq: 23 Jan 2019 12:02

Tgt Ion:276 Resp: 1265001
Ion Ratio Lower Upper
276 100
138 26.4 22.6 34.0
277 26.0 20.3 30.5



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





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.49 min Scan# 2279

Delta R.T. -0.01 min

Lab File: BF112195.D

Acq: 23 Jan 2019 12:02

Instrument :

BNA_F

ClientSampled :

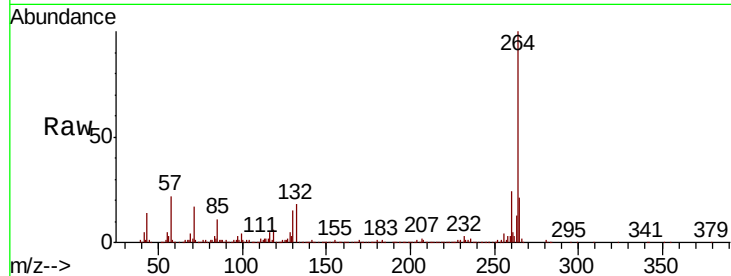
Tot Ion:264 Resp: 569470

Ion Ratio Lower Upper

264 100

260 23.8 18.2 27.2

265 21.3 17.0 25.4

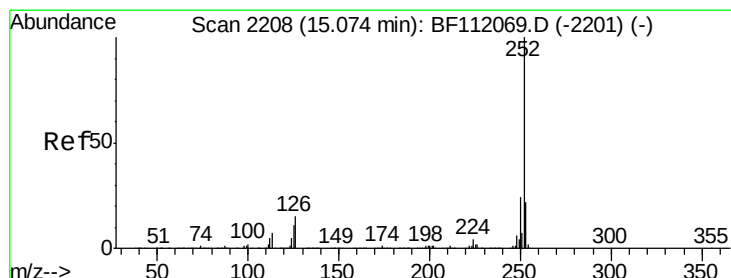
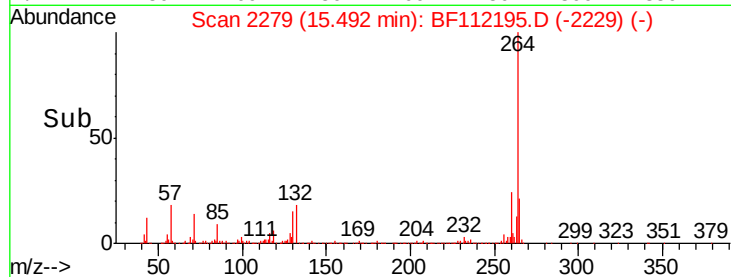
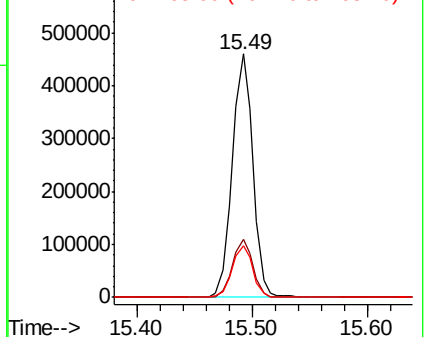


Abundance

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: 43.853 ng

RT: 15.06 min Scan# 2206

Delta R.T. -0.01 min

Lab File: BF112195.D

Acq: 23 Jan 2019 12:02

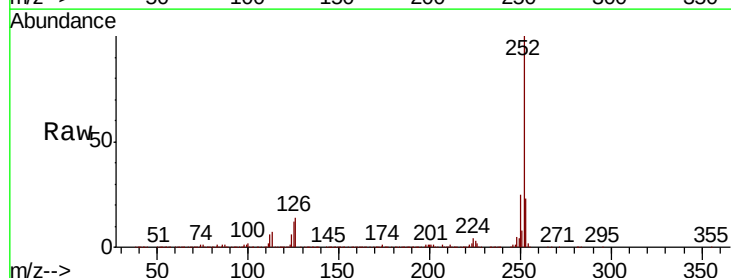
Tgt Ion:252 Resp: 1417577

Ion Ratio Lower Upper

252 100

253 22.7 18.0 27.0

125 11.7 8.7 13.1

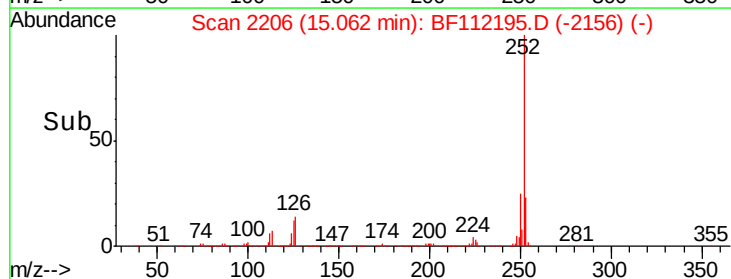
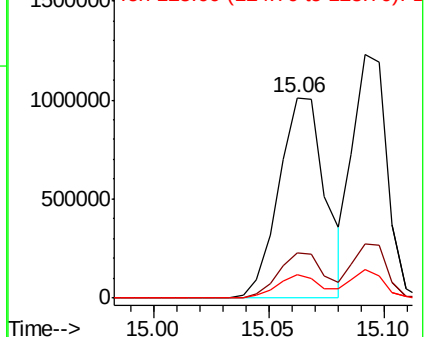


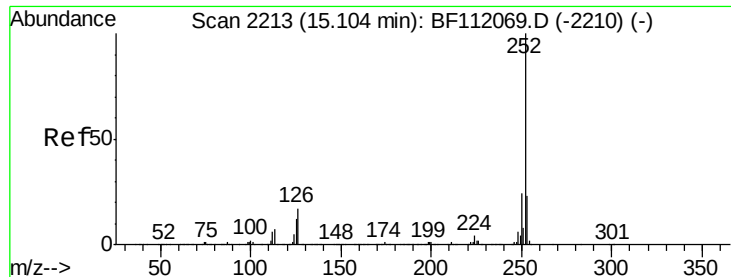
Abundance

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

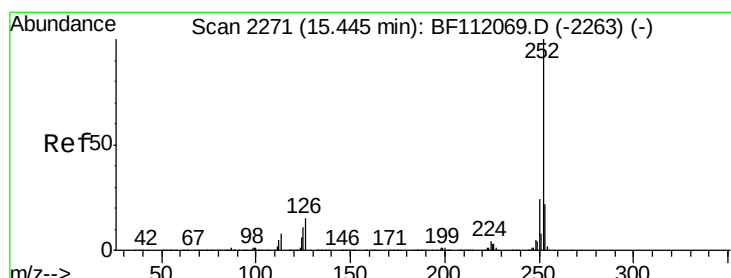
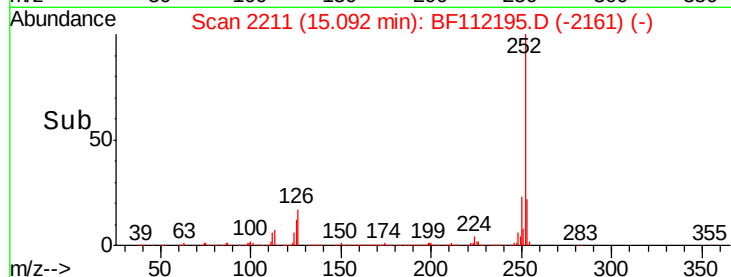
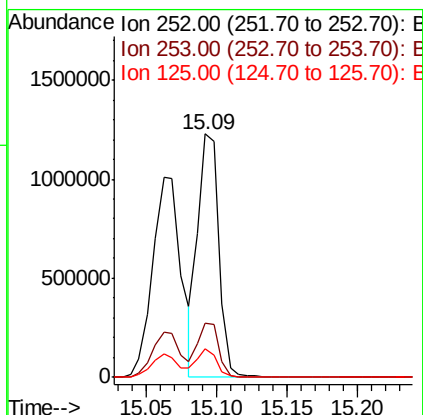
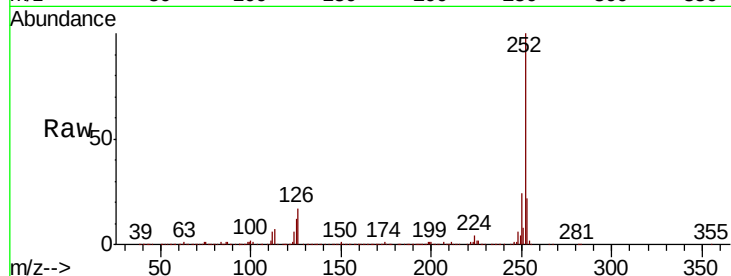




#89
Benzo(k)fluoranthene
Concen: 40.586 ng
RT: 15.09 min Scan# 2211
Delta R.T. -0.01 min
Lab File: BF112195.D
Acq: 23 Jan 2019 12:02

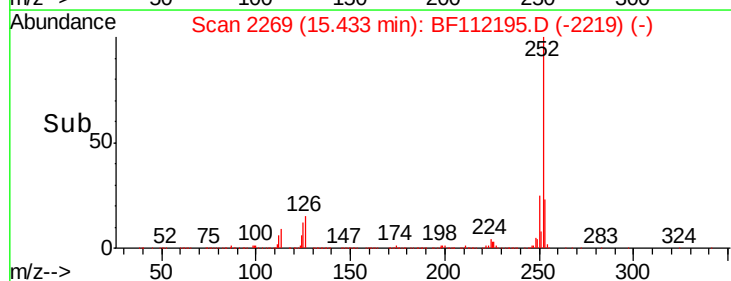
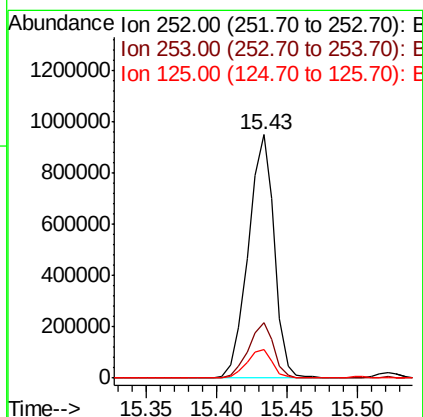
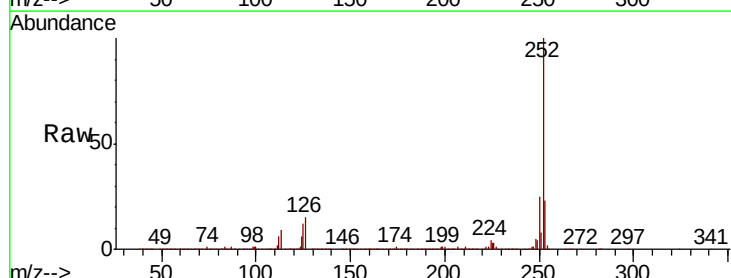
Instrument :
BNA_F
ClientSampleId :

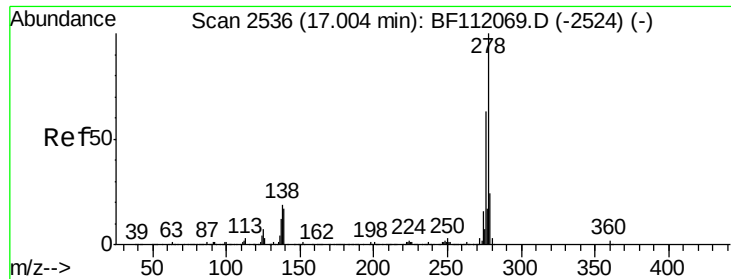
Tot Ion:252 Resp: 1269797
Ion Ratio Lower Upper
252 100
253 22.4 18.0 27.0
125 11.7 9.1 13.7



#90
Benzo(a)pyrene
Concen: 41.302 ng
RT: 15.43 min Scan# 2269
Delta R.T. -0.01 min
Lab File: BF112195.D
Acq: 23 Jan 2019 12:02

Tgt Ion:252 Resp: 1224378
Ion Ratio Lower Upper
252 100
253 22.7 17.5 26.3
125 11.8 9.0 13.4



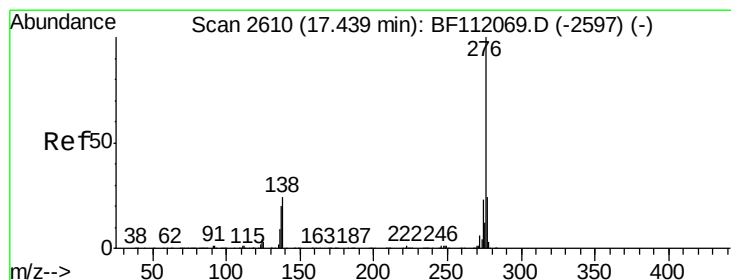
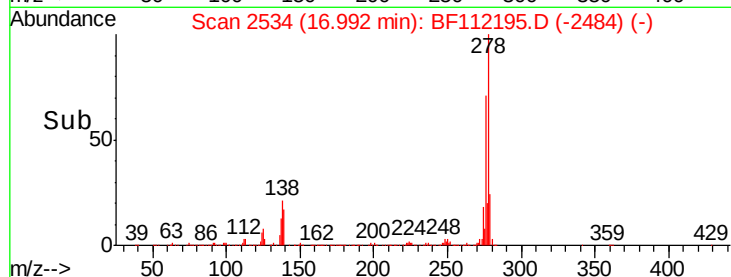
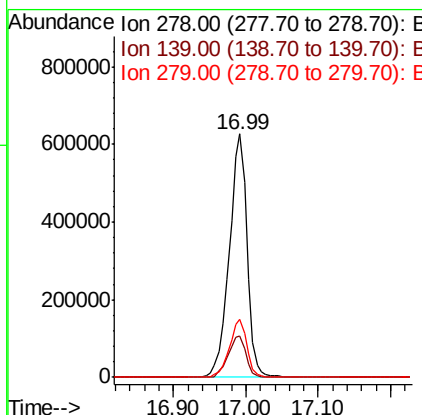
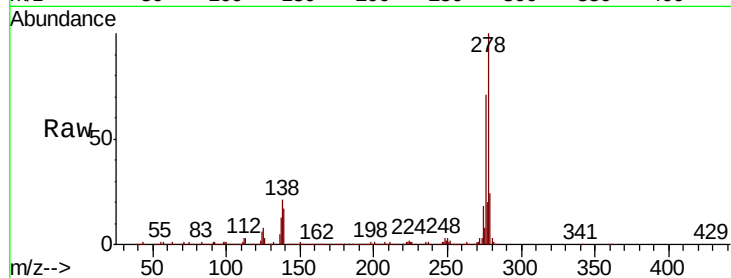


#91
Dibenzo(a,h)anthracene
Concen: 40.676 ng
RT: 16.99 min Scan# 2534
Delta R.T. -0.01 min
Lab File: BF112195.D
Acq: 23 Jan 2019 12:02

Instrument :
BNA_F
ClientSampleId :

Tot Ion:278 Resp: 1070997

Ion	Ratio	Lower	Upper
278	100		
139	16.9	13.7	20.5
279	23.7	19.0	28.6



#92
Benzo(g,h,i)perylene
Concen: 38.970 ng
RT: 17.43 min Scan# 2608
Delta R.T. 0.00 min
Lab File: BF112195.D
Acq: 23 Jan 2019 12:02

Tgt Ion:276 Resp: 1010856

Ion	Ratio	Lower	Upper
276	100		
277	23.8	19.4	29.0
138	22.7	19.1	28.7

