

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061419\
 Data File : BF115053.D
 Acq On : 14 Jun 2019 21:18
 Operator : HP/JU
 Sample : K3361-02MSD
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BAT-B10MSD

Quant Time: Jun 15 05:56:18 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 12 15:42:37 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.65	152	270912	20.00	ng	0.00
21) Naphthalene-d8	7.93	136	1027255	20.00	ng	0.00
39) Acenaphthene-d10	9.67	164	475611	20.00	ng	0.00
64) Phenanthrene-d10	11.15	188	817678	20.00	ng	0.00
76) Chrysene-d12	13.77	240	489102	20.00	ng	-0.01
87) Perylene-d12	15.14	264	530794	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.26	112	1503375	92.66	ng	0.00
7) Phenol-d6	6.30	99	1869703	95.53	ng	0.00
23) Nitrobenzene-d5	7.21	82	1162012	68.09	ng	0.00
42) 2,4,6-Tribromophenol	10.46	330	435818	85.57	ng	0.00
45) 2-Fluorobiphenyl	9.00	172	2164300	77.12	ng	0.00
79) Terphenyl-d14	12.73	244	1859070	71.49	ng	-0.01

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.33	88	203397	26.783	ng	99
3) Pyridine	3.01	79	466082	21.799	ng	99
4) n-Nitrosodimethylamine	2.94	42	220872	29.097	ng	96
6) Aniline	6.31	93	501364	19.129	ng	# 51
8) 2-Chlorophenol	6.43	128	584716	31.783	ng	98
9) Benzaldehyde	6.19	77	118755	4.955	ng	99
10) Phenol	6.31	94	695027	31.741	ng	84
11) bis(2-Chloroethyl)ether	6.39	93	533144	31.370	ng	99
12) 1,3-Dichlorobenzene	6.59	146	642180	29.885	ng	99
13) 1,4-Dichlorobenzene	6.66	146	657090	30.416	ng	99
14) 1,2-Dichlorobenzene	6.82	146	605382	29.765	ng	99
15) Benzyl Alcohol	6.79	79	399510	27.245	ng	98
16) 2,2'-oxybis(1-Chloropropan	6.93	45	690126	30.340	ng	98
17) 2-Methylphenol	6.92	107	496410	32.350	ng	99
18) Hexachloroethane	7.16	117	218307	27.982	ng	94
19) n-Nitroso-di-n-propylamine	7.07	70	369470	31.072	ng	96
20) 3+4-Methylphenols	7.07	107	574970	31.483	ng	95
22) Acetophenone	7.06	105	794447	34.164	ng	# 95
24) Nitrobenzene	7.23	77	574802	33.103	ng	93
25) Isophorone	7.47	82	1048556	32.804	ng	98
26) 2-Nitrophenol	7.55	139	297986	30.788	ng	97
27) 2,4-Dimethylphenol	7.59	122	501619	35.927	ng	99
28) bis(2-Chloroethoxy)methane	7.69	93	668279	32.587	ng	100
29) 2,4-Dichlorophenol	7.79	162	479835	32.532	ng	99
30) 1,2,4-Trichlorobenzene	7.87	180	548912	32.207	ng	99
31) Naphthalene	7.95	128	1667290	34.304	ng	99
33) 4-Chloroaniline	8.00	127	423672	18.884	ng	98
34) Hexachlorobutadiene	8.07	225	302052	31.885	ng	98
35) Caprolactam	8.36	113	120921m	24.615	ng	
36) 4-Chloro-3-methylphenol	8.49	107	482371	32.452	ng	99
37) 2-Methylnaphthalene	8.64	142	1115409	34.408	ng	99
38) 1-Methylnaphthalene	8.74	142	1045325	34.118	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.81	216	486040	34.590	ng	99
41) Hexachlorocyclopentadiene	8.80	237	308622	44.573	ng	100

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061419\
 Data File : BF115053.D
 Acq On : 14 Jun 2019 21:18
 Operator : HP/JU
 Sample : K3361-02MSD
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BAT-B10MSD

Quant Time: Jun 15 05:56:18 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 12 15:42:37 2019
 Response via : Initial Calibration

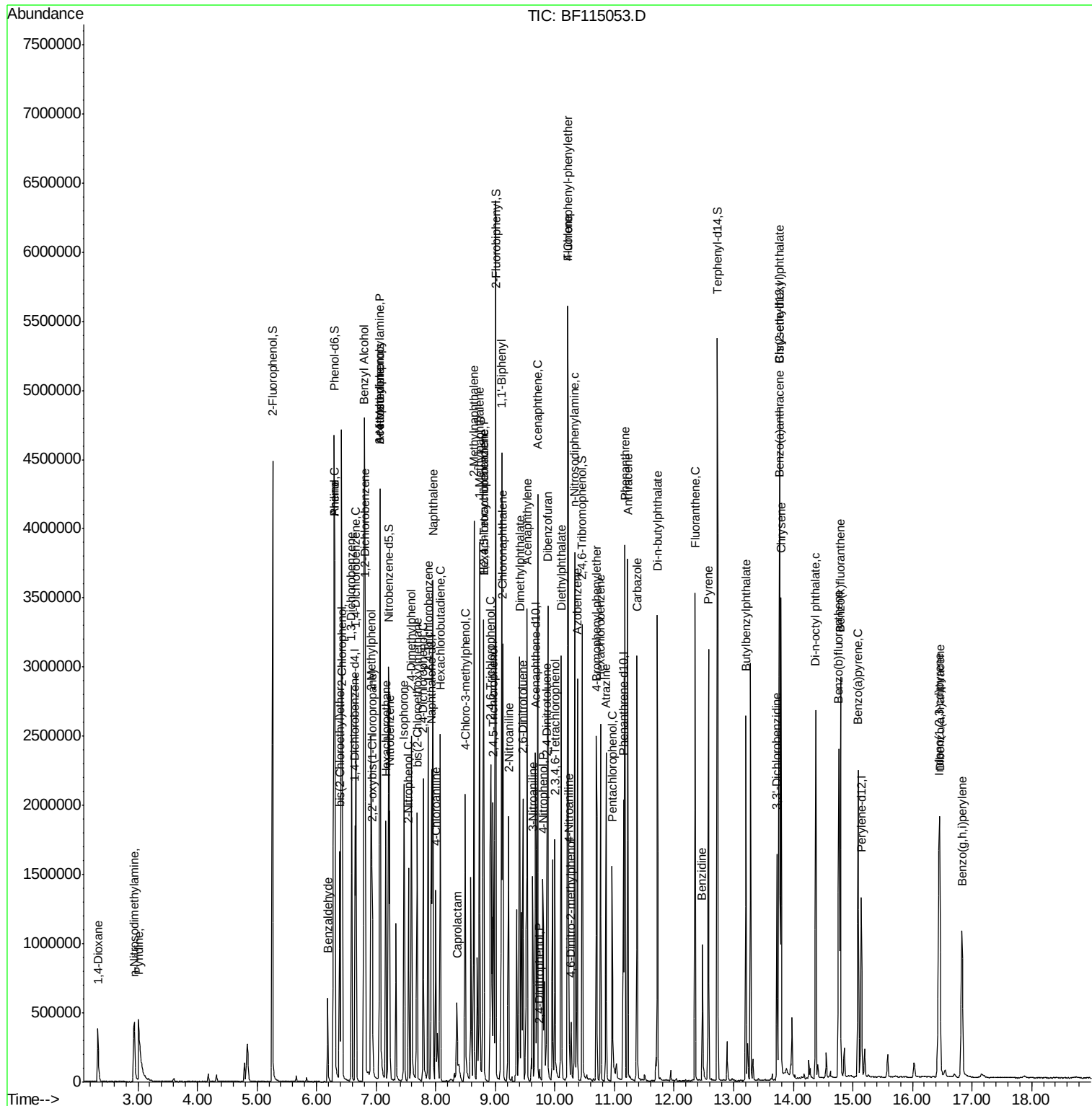
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,6-Trichlorophenol	8.92	196	306203	29.176	nq	98
44) 2,4,5-Trichlorophenol	8.96	196	326416	30.776	nq	97
46) 1,1'-Biphenyl	9.10	154	1302683	34.180	nq	99
47) 2-Chloronaphthalene	9.13	162	1025191	33.264	nq	97
48) 2-Nitroaniline	9.22	65	284080	31.185	nq	96
49) Acenaphthylene	9.53	152	1575145	33.241	nq	99
50) Dimethylphthalate	9.41	163	1426529	39.883	nq	99
51) 2,6-Dinitrotoluene	9.46	165	273094	33.659	nq	# 88
52) Acenaphthene	9.71	154	900049	33.199	nq	99
53) 3-Nitroaniline	9.63	138	247035	24.851	nq	99
54) 2,4-Dinitrophenol	9.74	184	16111	4.094	nq	# 88
55) Dibenzofuran	9.88	168	1353872	33.135	nq	97
56) 4-Nitrophenol	9.80	139	324129	47.283	nq	99
57) 2,4-Dinitrotoluene	9.86	165	339034	32.830	nq	97
58) Fluorene	10.22	166	964659	33.343	nq	97
59) 2,3,4,6-Tetrachlorophenol	10.00	232	248813	29.042	nq	97
60) Diethylphthalate	10.10	149	1154912	33.769	nq	99
61) 4-Chlorophenyl-phenylether	10.22	204	481509	33.777	nq	99
62) 4-Nitroaniline	10.24	138	273137	27.328	nq	98
63) Azobenzene	10.37	77	988013	33.022	nq	98
65) 4,6-Dinitro-2-methylphenol	10.27	198	60861	13.280	nq	84
66) n-Nitrosodiphenylamine	10.33	169	907879	37.145	nq	100
67) 4-Bromophenyl-phenylether	10.70	248	310985	35.422	nq	# 91
68) Hexachlorobenzene	10.77	284	323857	33.506	nq	96
69) Atrazine	10.86	200	290785	36.900	nq	98
70) Pentachlorophenol	10.96	266	224966	42.857	nq	99
71) Phenanthrene	11.17	178	1399612	33.152	nq	98
72) Anthracene	11.22	178	1448459	34.009	nq	99
73) Carbazole	11.38	167	1263263	33.982	nq	97
74) Di-n-butylphthalate	11.72	149	1682805	35.907	nq	99
75) Fluoranthene	12.35	202	1320680	30.593	nq	99
77) Benzidine	12.47	184	365367	18.469	nq	97
78) Pyrene	12.57	202	1319064	29.604	nq	99
80) Butylbenzylphthalate	13.20	149	637333	30.625	nq	95
81) Benzo(a)anthracene	13.76	228	1135985	31.037	nq	99
82) 3,3'-Dichlorobenzidine	13.73	252	364419	25.970	nq	98
83) Chrysene	13.80	228	1140997	31.350	nq	98
84) Bis(2-ethylhexyl)phthalate	13.77	149	852354	34.653	nq	99
85) Di-n-octyl phthalate	14.38	149	1437572	33.940	nq	99
86) Indeno(1,2,3-cd)pyrene	16.44	276	989714	30.957	nq	99
88) Benzo(b)fluoranthene	14.77	252	1188175	33.673	nq	99
89) Benzo(k)fluoranthene	14.79	252	1005533	32.467	nq	99
90) Benzo(a)pyrene	15.09	252	1032130	33.899	nq	99
91) Dibenzo(a,h)anthracene	16.46	278	843044	32.151	nq	99
92) Benzo(g,h,i)perylene	16.83	276	812415	30.380	nq	99

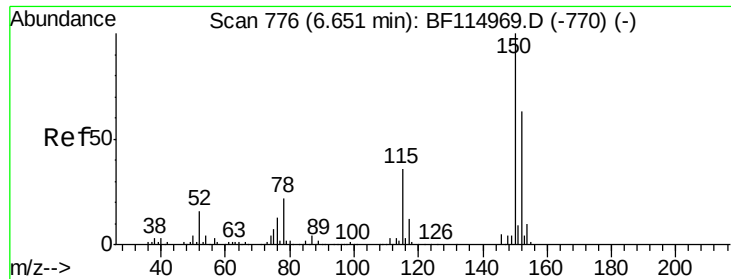
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061419\
Data File : BF115053.D
Acq On : 14 Jun 2019 21:18
Operator : HP/JU
Sample : K3361-02MSD
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
BAT-B10MSD

Quant Time: Jun 15 05:56:18 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 12 15:42:37 2019
Response via : Initial Calibration



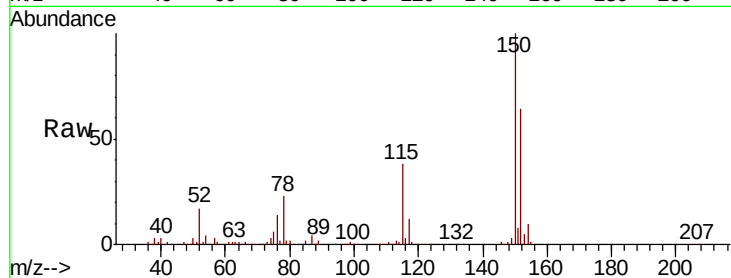


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.65 min Scan# 775
Delta R.T. -0.01 min
Lab File: BF115053.D
Acq: 14 Jun 2019 21:18

Instrument :
BNA_F
ClientSampleId :
BAT-B10MSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.9	127.4	191.0
115	59.3	46.0	69.0

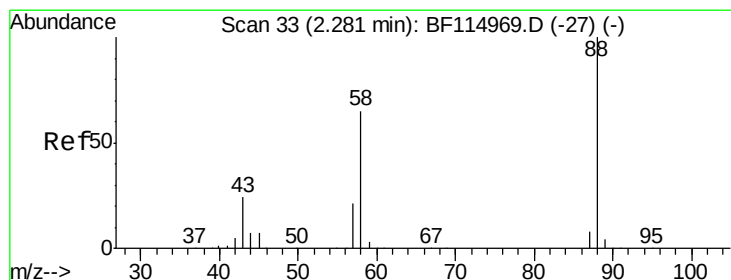
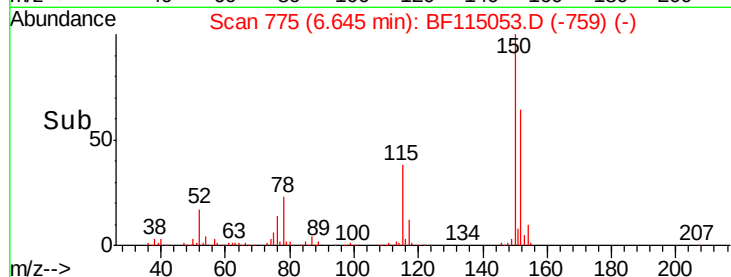
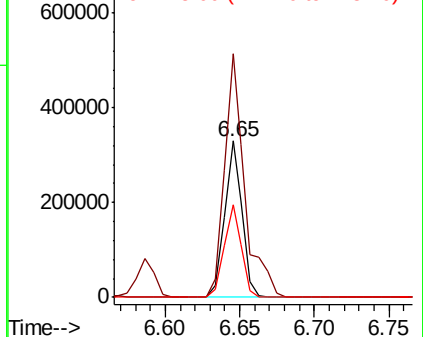


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

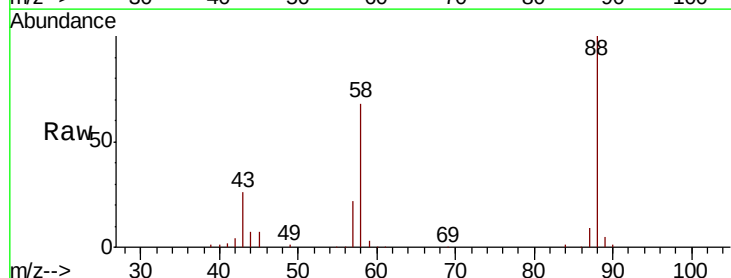
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 26.783 ng
RT: 2.33 min Scan# 41
Delta R.T. 0.05 min
Lab File: BF115053.D
Acq: 14 Jun 2019 21:18

Tgt Ion	Ratio	Lower	Upper
88	100		
58	68.0	53.4	80.2
43	24.2	19.7	29.5

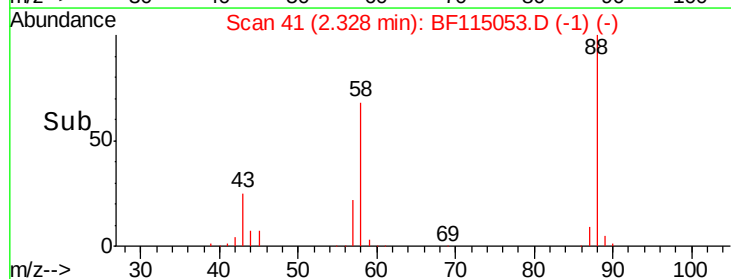
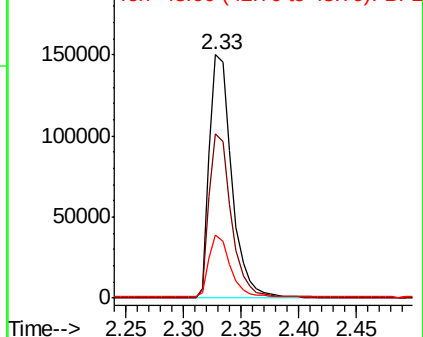


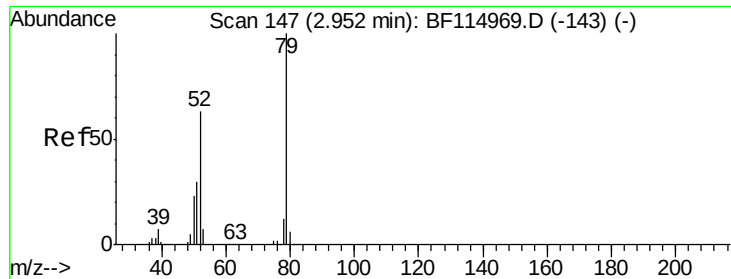
Abundance

Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1

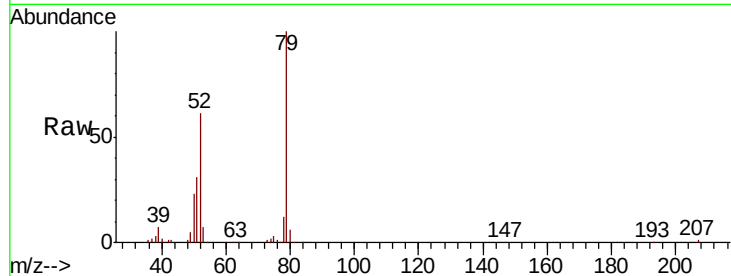




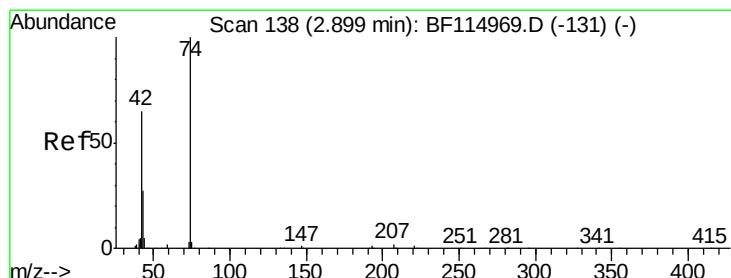
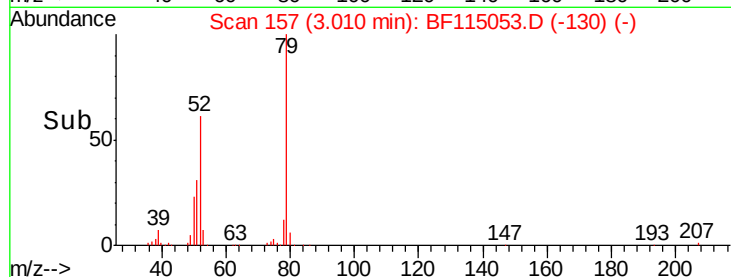
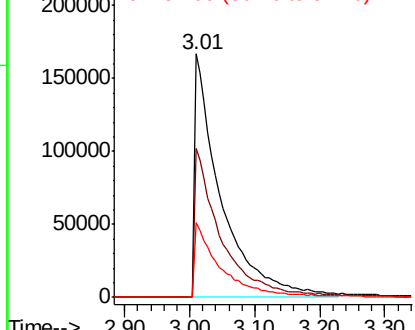
#3
 Pvridine
 Concen: 21.799 ng
 RT: 3.01 min Scan# 157
 Delta R.T. 0.06 min
 Lab File: BF115053.D
 Acq: 14 Jun 2019 21:18

Instrument :
 BNA_F
 ClientSampleId :
 BAT-B10MSD

Tot Ion: 79 Resp: 466082
 Ion Ratio Lower Upper
 79 100
 52 61.3 50.3 75.5
 51 30.5 24.4 36.6

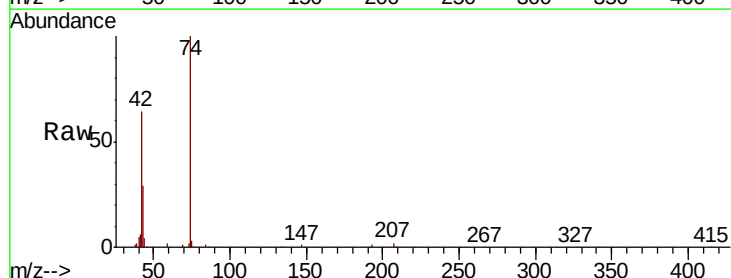


Abundance Ion 79.00 (78.70 to 79.70): BF1
 Ion 52.00 (51.70 to 52.70): BF1
 Ion 51.00 (50.70 to 51.70): BF1

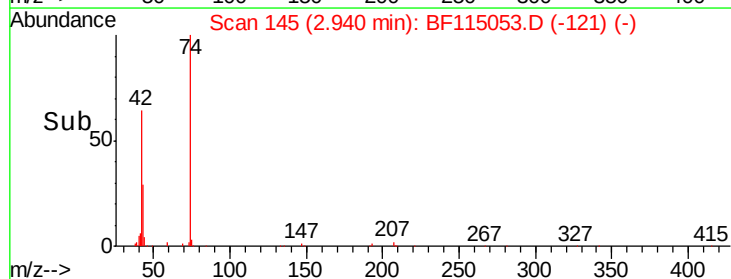
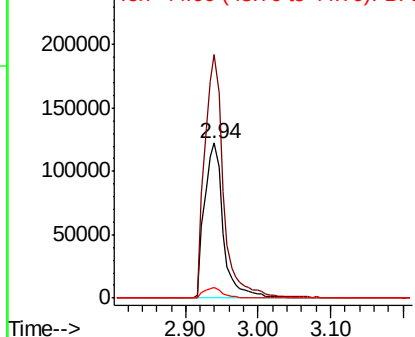


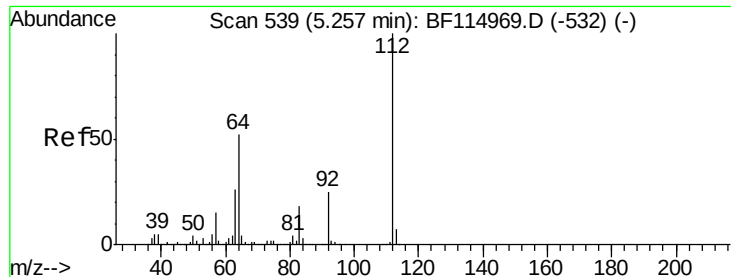
#4
 n-Nitrosodimethylamine
 Concen: 29.097 ng
 RT: 2.94 min Scan# 145
 Delta R.T. 0.04 min
 Lab File: BF115053.D
 Acq: 14 Jun 2019 21:18

Tgt Ion: 42 Resp: 220872
 Ion Ratio Lower Upper
 42 100
 74 157.3 122.2 183.2
 44 6.6 5.8 8.8



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: 92.662 ng

RT: 5.26 min Scan# 540

Delta R.T. 0.01 min

Lab File: BF115053.D

Acq: 14 Jun 2019 21:18

Instrument :

BNA_F

ClientSampleId :

BAT-B10MSD

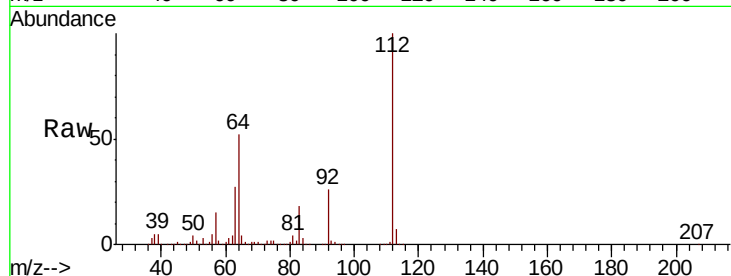
Tot Ion:112 Resp: 1503375

Ion Ratio Lower Upper

112 100

64 51.9 41.6 62.4

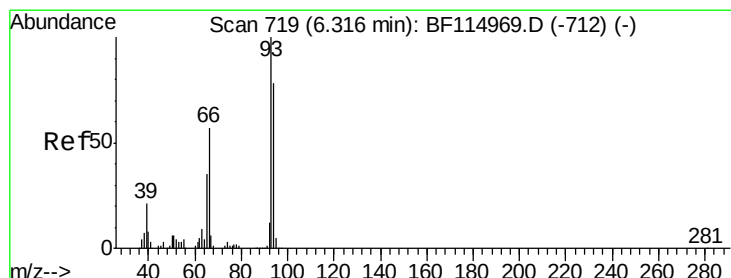
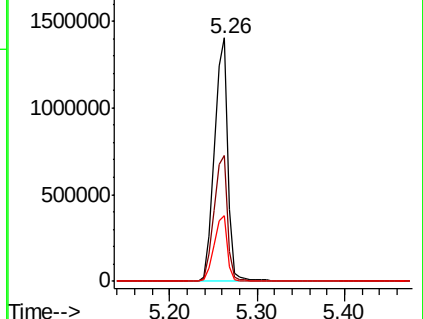
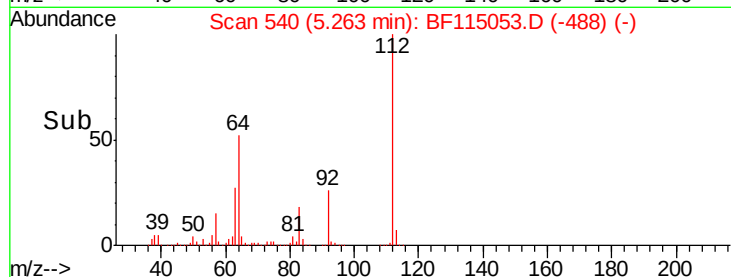
63 26.9 20.9 31.3



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: 19.129 ng

RT: 6.31 min Scan# 718

Delta R.T. -0.01 min

Lab File: BF115053.D

Acq: 14 Jun 2019 21:18

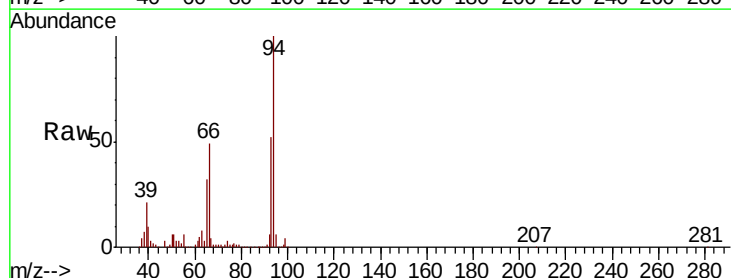
Tgt Ion: 93 Resp: 501364

Ion Ratio Lower Upper

93 100

66 95.0 46.2 69.2#

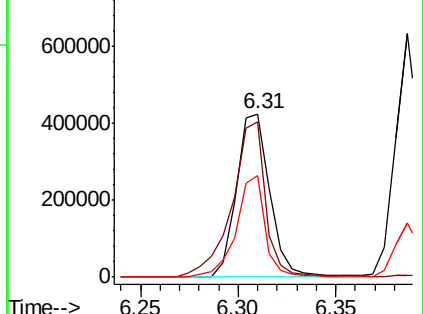
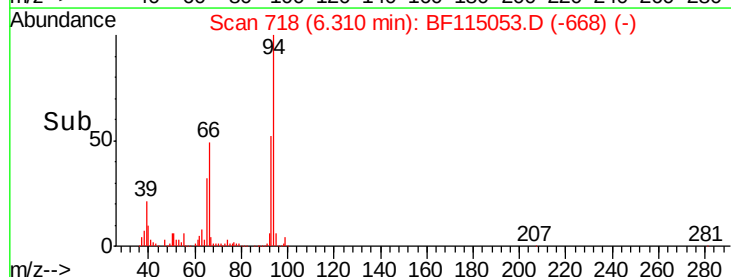
65 62.0 27.7 41.5#

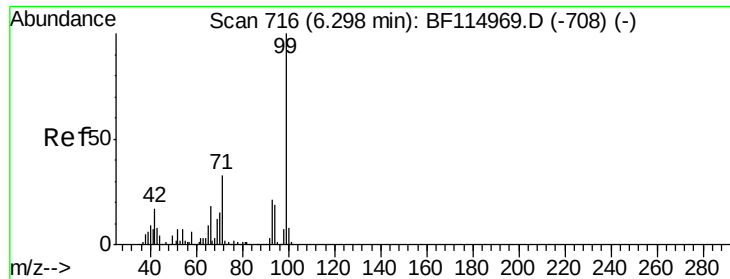


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 95.533 ng

RT: 6.30 min Scan# 716

Delta R.T. -0.00 min

Lab File: BF115053.D

Acq: 14 Jun 2019 21:18

Instrument :

BNA_F

ClientSampleId :

BAT-B10MSD

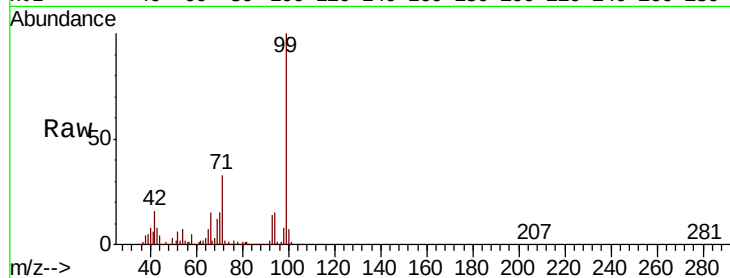
Tot Ion: 99 Resp: 1869703

Ion Ratio Lower Upper

99 100

42 15.8 13.4 20.2

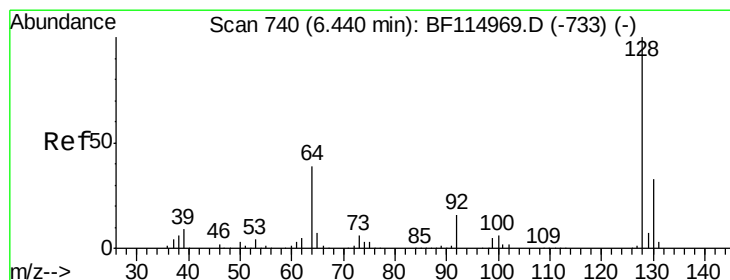
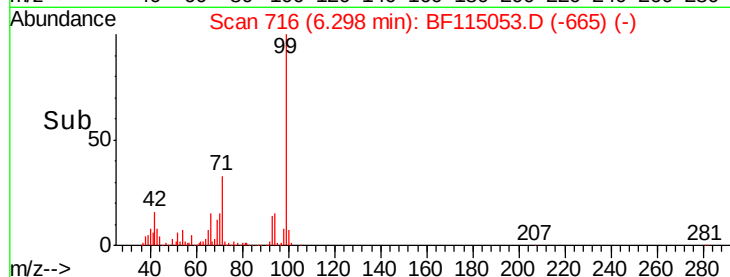
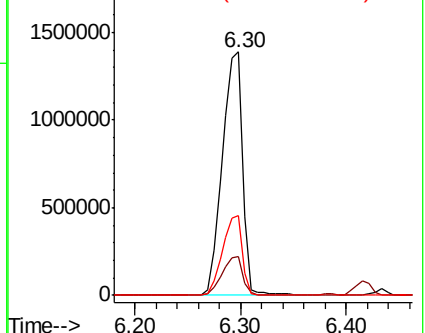
71 33.0 26.4 39.6



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 31.783 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.01 min

Lab File: BF115053.D

Acq: 14 Jun 2019 21:18

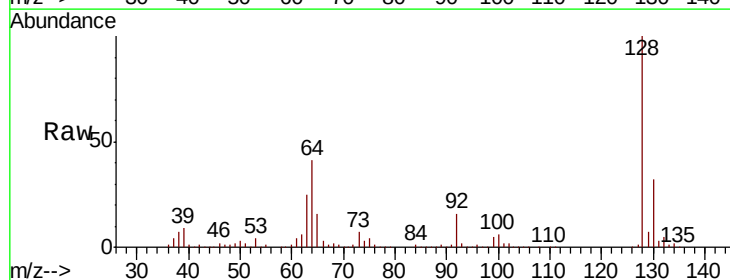
Tgt Ion: 128 Resp: 584716

Ion Ratio Lower Upper

128 100

130 32.4 13.4 53.4

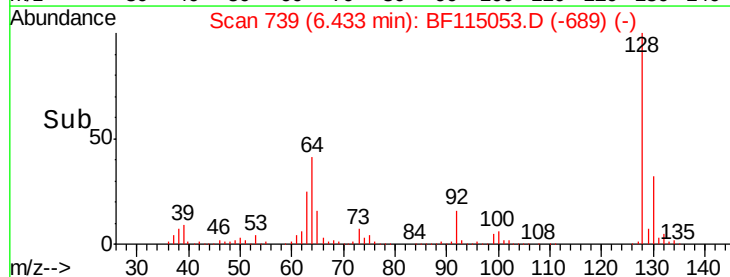
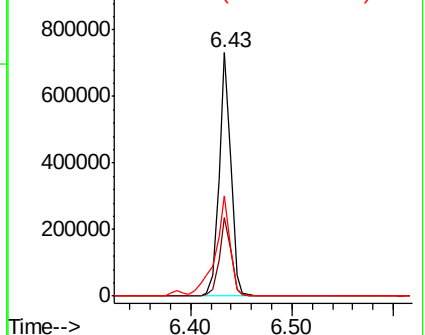
64 41.3 20.1 60.1

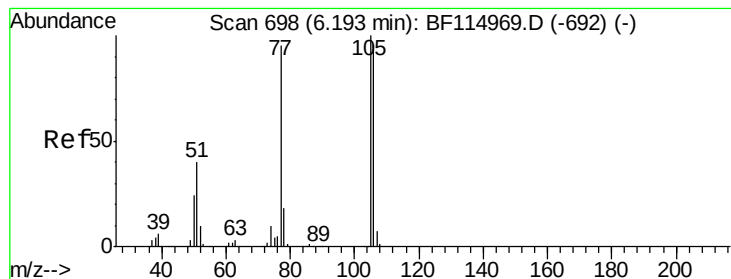


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 4.955 ng

RT: 6.19 min Scan# 697

Delta R.T. -0.01 min

Lab File: BF115053.D

Acq: 14 Jun 2019 21:18

Instrument :

BNA_F

ClientSampleId :

BAT-B10MSD

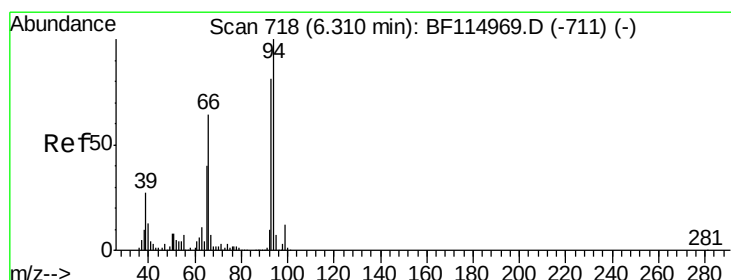
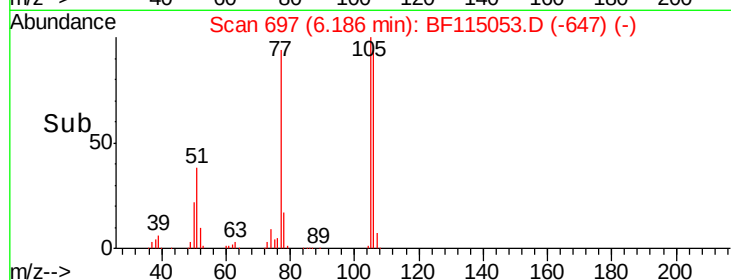
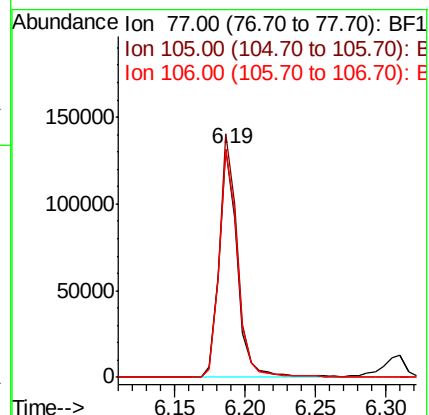
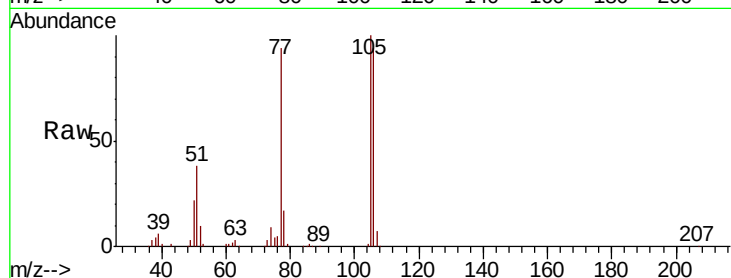
Tot Ion: 77 Resp: 118755

Ion Ratio Lower Upper

77 100

105 106.5 85.1 125.1

106 100.0 80.0 120.0



#10

Phenol

Concen: 31.741 ng

RT: 6.31 min Scan# 718

Delta R.T. -0.00 min

Lab File: BF115053.D

Acq: 14 Jun 2019 21:18

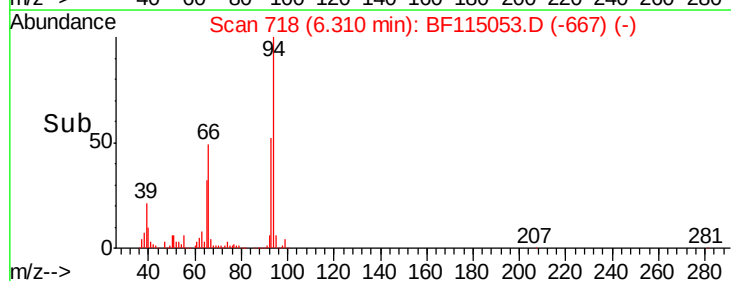
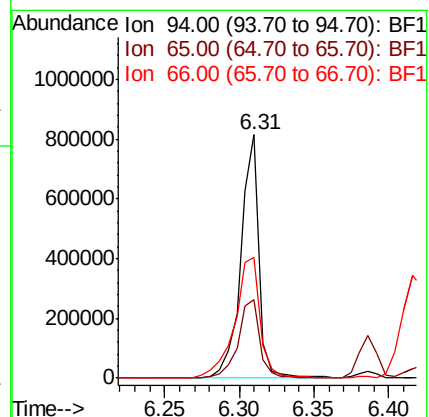
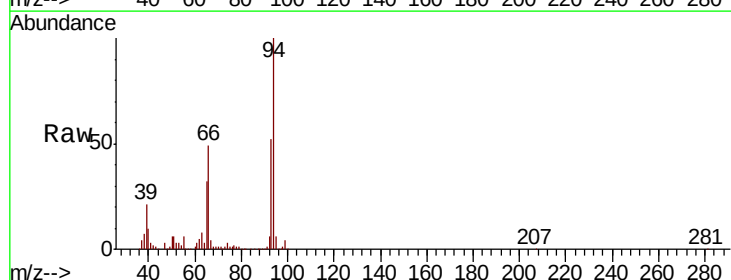
Tgt Ion: 94 Resp: 695027

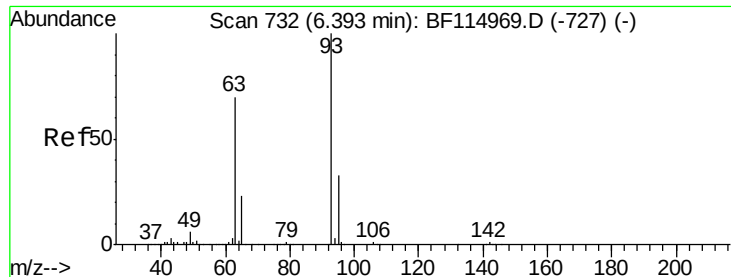
Ion Ratio Lower Upper

94 100

65 32.3 20.0 60.0

66 49.5 44.1 84.1

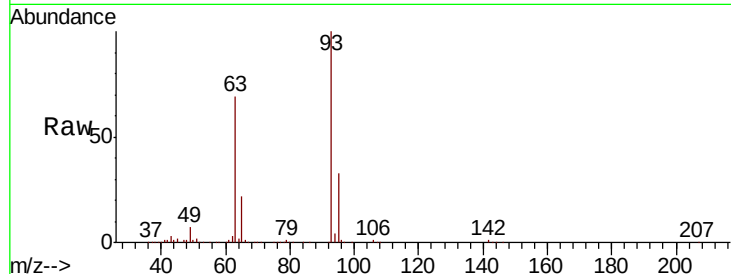




#11
bis(2-Chloroethyl)ether
Concen: 31.370 ng
RT: 6.39 min Scan# 731
Delta R.T. -0.01 min
Lab File: BF115053.D
Acq: 14 Jun 2019 21:18

Instrument :
BNA_F
ClientSampleId :
BAT-B10MSD

Tot Ion	Ratio	Lower	Upper
93	100		
63	69.4	49.8	89.8
95	32.9	13.3	53.3

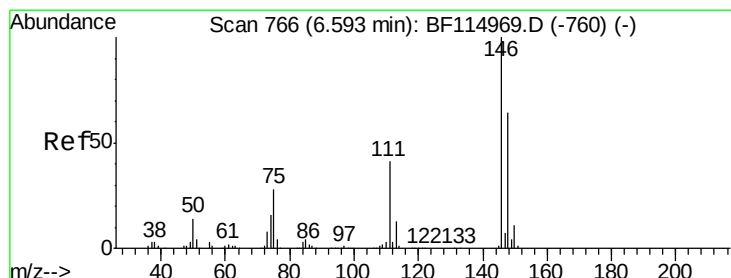
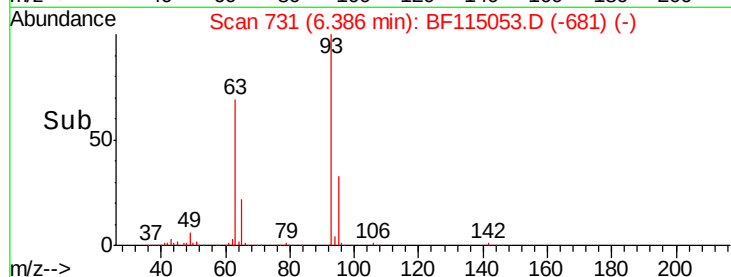
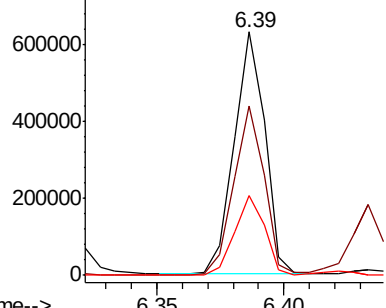


Abundance

Ion 93.00 (92.70 to 93.70): BF1

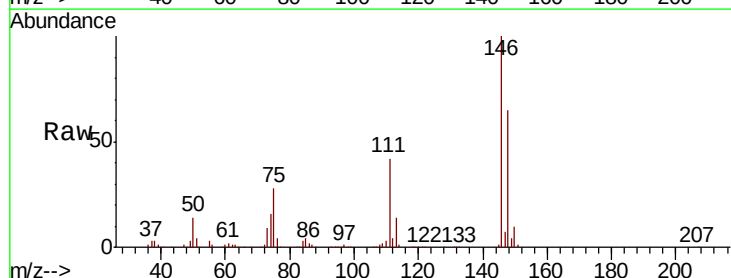
Ion 63.00 (62.70 to 63.70): BF1

Ion 95.00 (94.70 to 95.70): BF1



#12
1,3-Dichlorobenzene
Concen: 29.885 ng
RT: 6.59 min Scan# 765
Delta R.T. -0.01 min
Lab File: BF115053.D
Acq: 14 Jun 2019 21:18

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.0	51.6	77.4
75	28.5	22.3	33.5

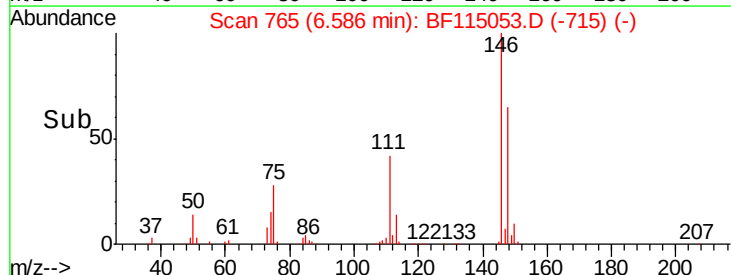
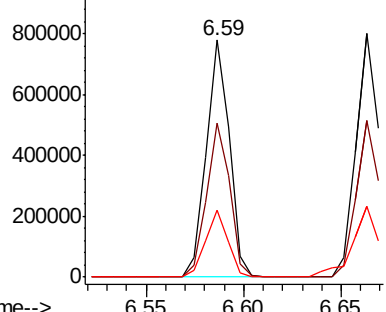


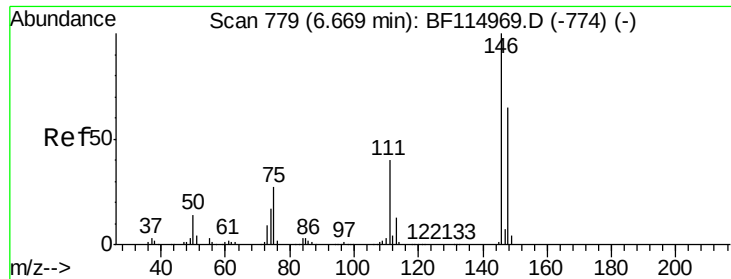
Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF1

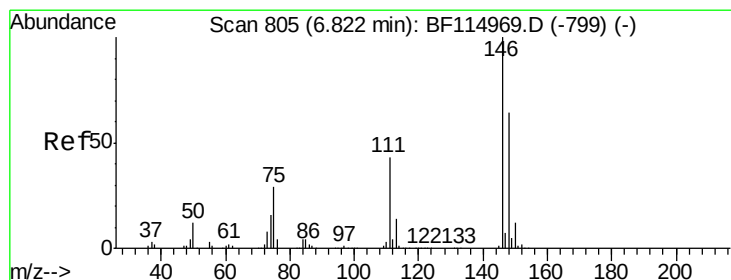
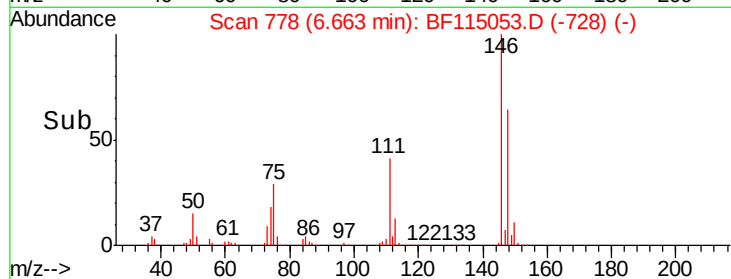
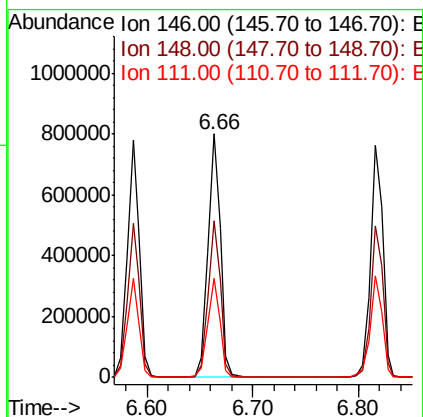
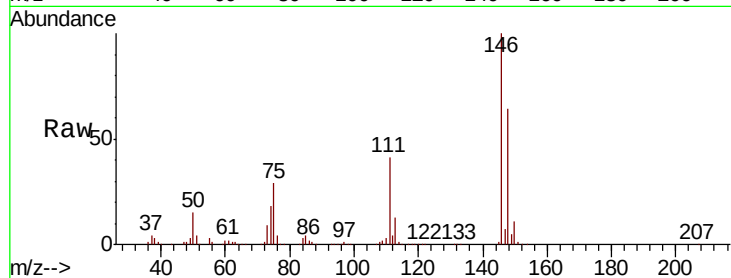




#13
 1,4-Dichlorobenzene
 Concen: 30.416 ng
 RT: 6.66 min Scan# 778
 Delta R.T. -0.01 min
 Lab File: BF115053.D
 Acq: 14 Jun 2019 21:18

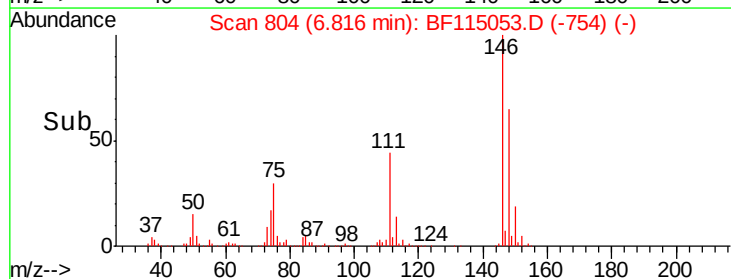
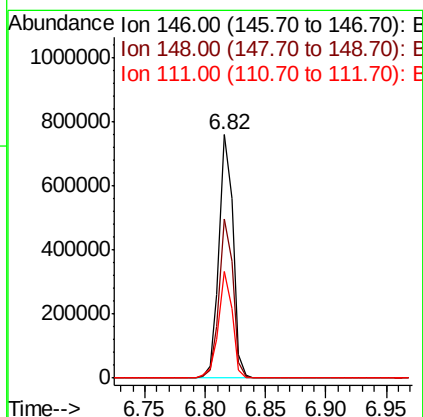
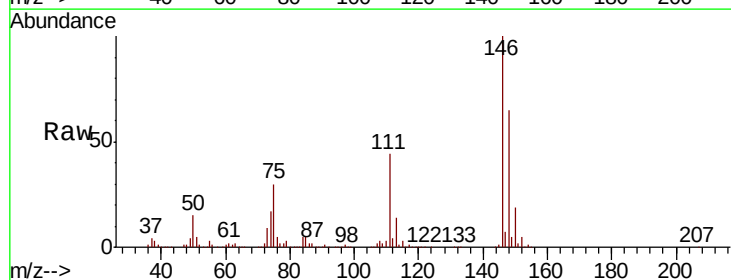
Instrument :
 BNA_F
 ClientSampleId :
 BAT-B10MSD

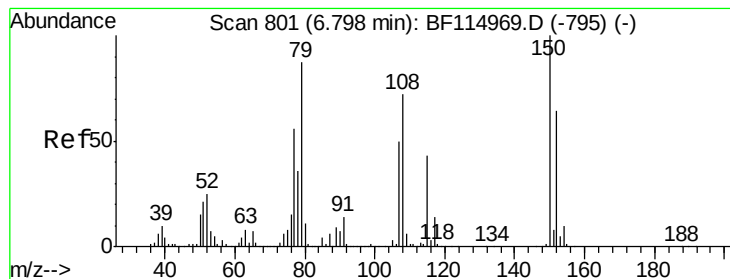
Tot Ion:146 Resp: 657090
 Ion Ratio Lower Upper
 146 100
 148 64.1 52.2 78.2
 111 40.6 32.4 48.6



#14
 1,2-Dichlorobenzene
 Concen: 29.765 ng
 RT: 6.82 min Scan# 804
 Delta R.T. -0.01 min
 Lab File: BF115053.D
 Acq: 14 Jun 2019 21:18

Tgt Ion:146 Resp: 605382
 Ion Ratio Lower Upper
 146 100
 148 65.3 51.5 77.3
 111 43.7 34.6 51.8





#15

Benzyl Alcohol

Concen: 27.245 ng

RT: 6.79 min Scan# 800

Delta R.T. -0.01 min

Lab File: BF115053.D

Acq: 14 Jun 2019 21:18

Instrument :

BNA_F

ClientSampleId :

BAT-B10MSD

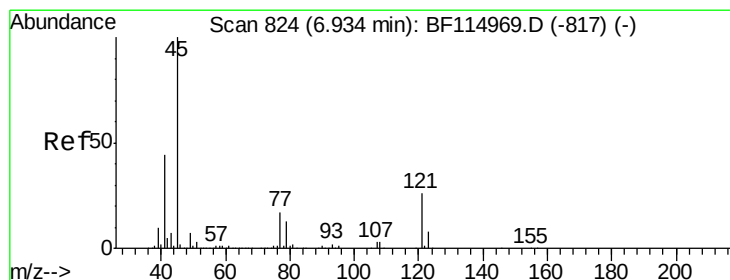
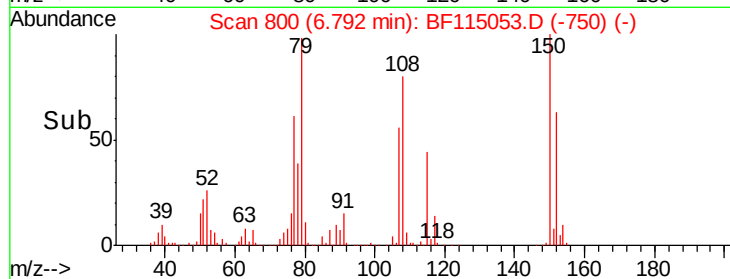
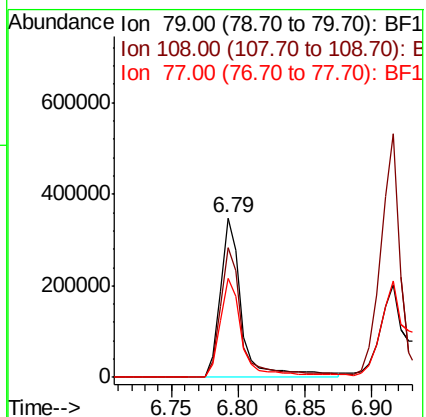
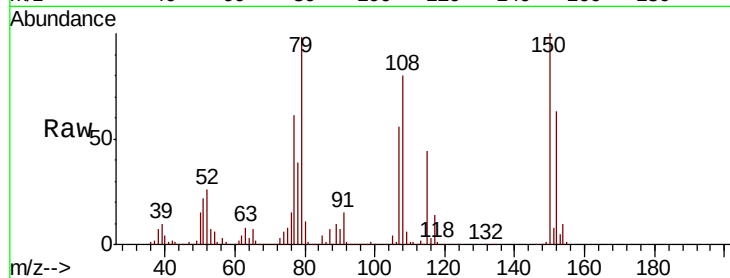
Tot Ion: 79 Resp: 399510

Ion Ratio Lower Upper

79 100

108 81.3 66.0 99.0

77 62.5 51.1 76.7



#16

2,2'-oxybis(1-Chloropropane)

Concen: 30.340 ng

RT: 6.93 min Scan# 824

Delta R.T. -0.00 min

Lab File: BF115053.D

Acq: 14 Jun 2019 21:18

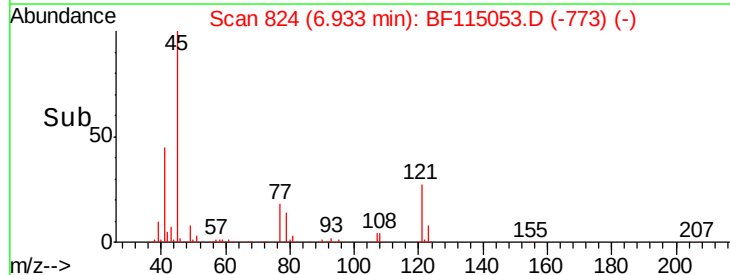
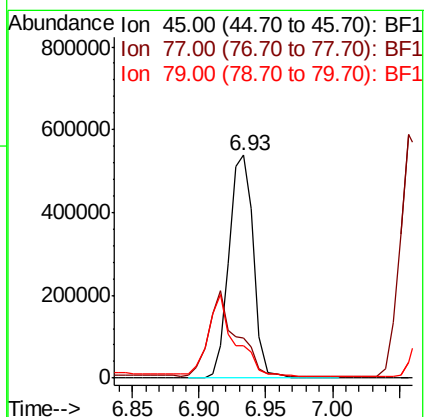
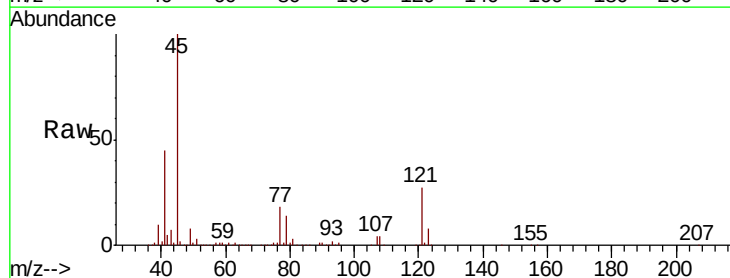
Tgt Ion: 45 Resp: 690126

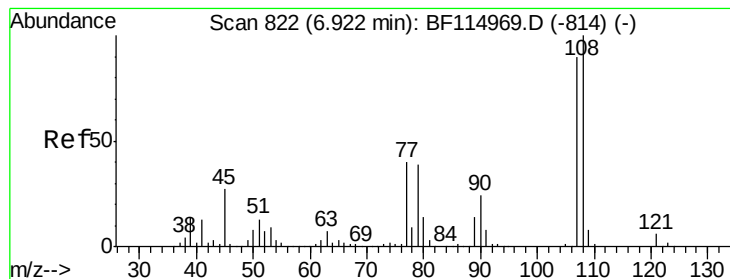
Ion Ratio Lower Upper

45 100

77 17.8 0.0 37.0

79 14.4 0.0 33.1





#17

2-Methylphenol

Concen: 32.350 ng

RT: 6.92 min Scan# 821

Delta R.T. -0.01 min

Lab File: BF115053.D

Acq: 14 Jun 2019 21:18

Instrument :

BNA_F

ClientSampleId :

BAT-B10MSD

Tot Ion:107 Resp: 496410

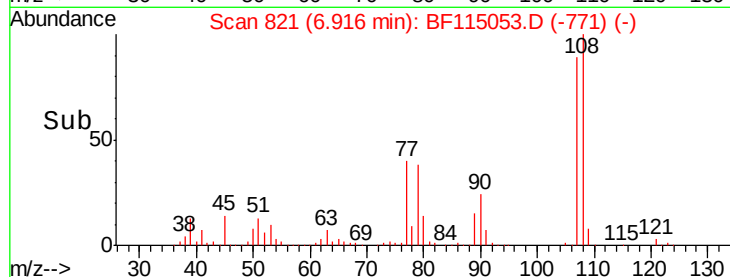
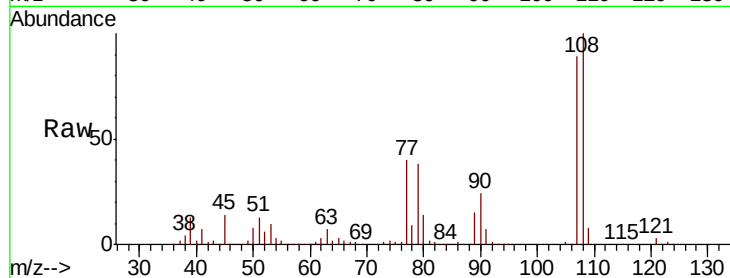
Ion Ratio Lower Upper

107 100

108 112.9 89.3 133.9

77 44.7 35.4 53.2

79 43.1 34.9 52.3

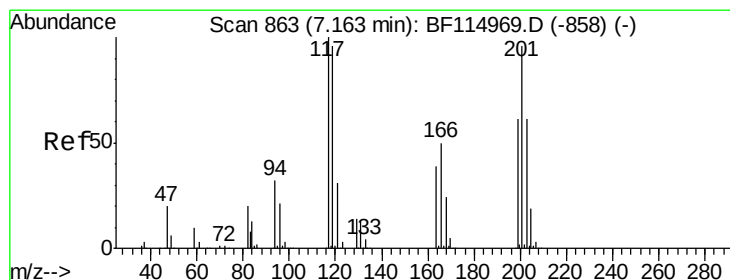
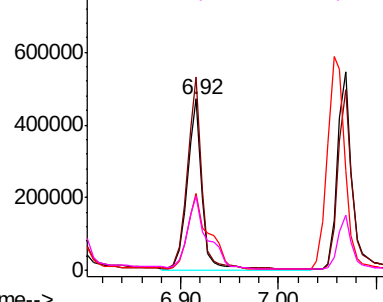


Abundance Ion 107.00 (106.70 to 107.70): E

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: 27.982 ng

RT: 7.16 min Scan# 863

Delta R.T. -0.00 min

Lab File: BF115053.D

Acq: 14 Jun 2019 21:18

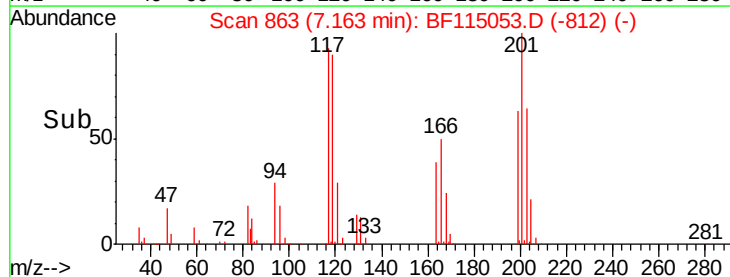
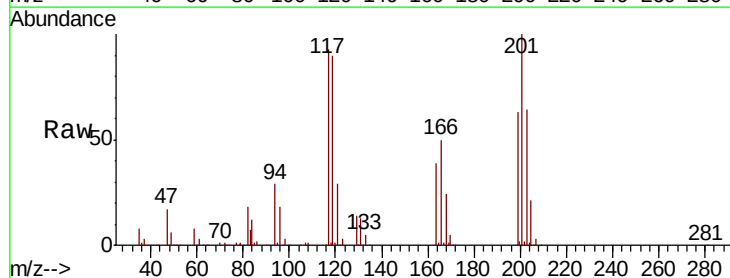
Tgt Ion:117 Resp: 218307

Ion Ratio Lower Upper

117 100

119 96.2 77.0 115.4

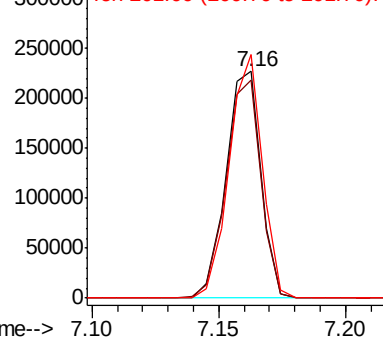
201 107.3 76.6 115.0

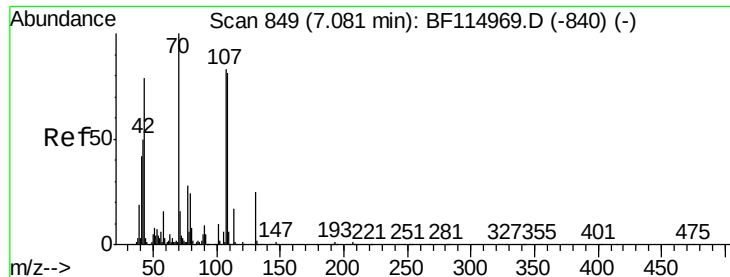


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

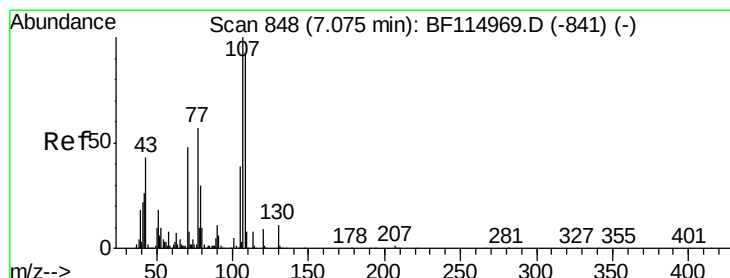
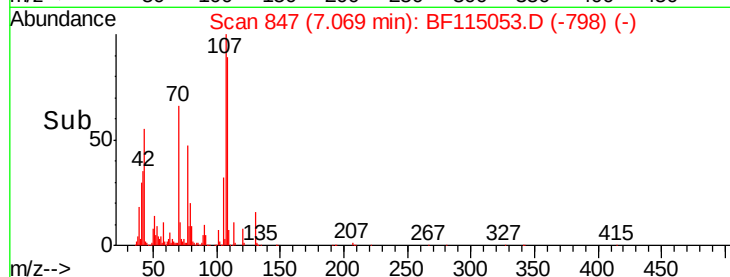
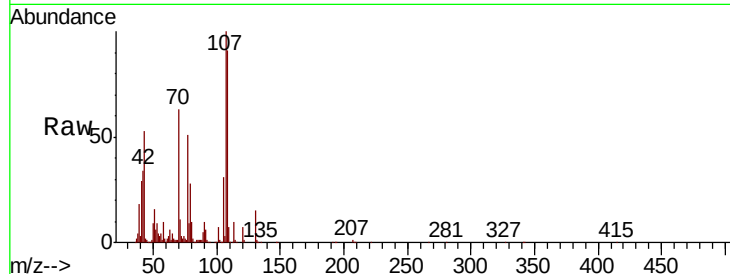
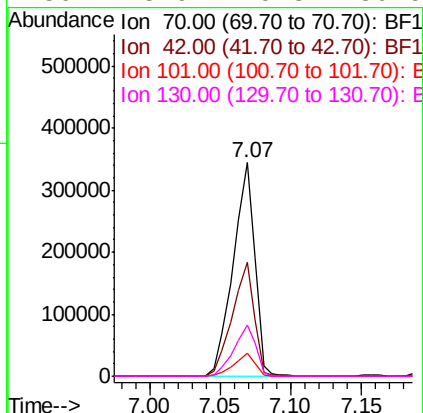




#19
n-Nitroso-di-n-propylamine
Concen: 31.072 ng
RT: 7.07 min Scan# 847
Delta R.T. -0.01 min
Lab File: BF115053.D
Acq: 14 Jun 2019 21:18

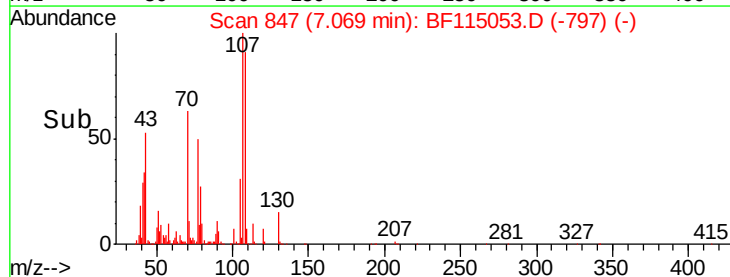
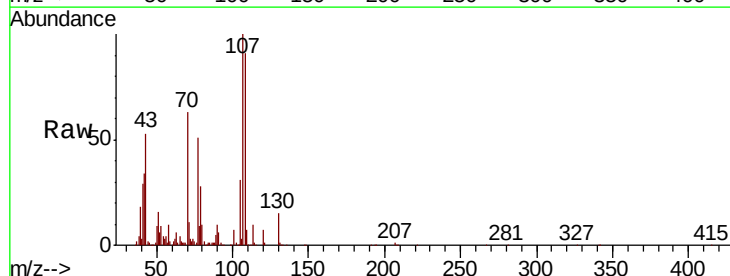
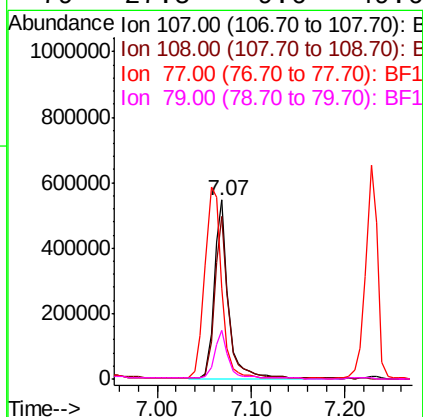
Instrument :
BNA_F
ClientSampleId :
BAT-B10MSD

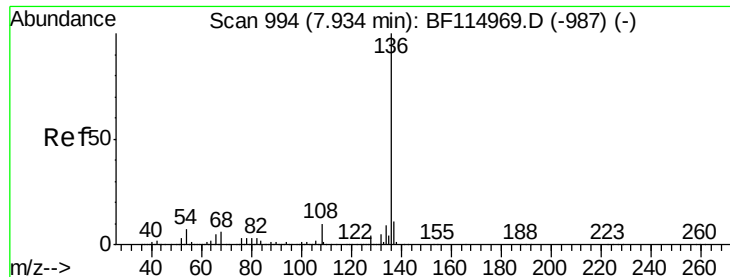
Tot Ion:	70	Resp:	369470
Ion	Ratio	Lower	Upper
70	100		
42	53.5	40.3	60.5
101	10.6	8.2	12.4
130	23.9	20.3	30.5



#20
3+4-Methylphenols
Concen: 31.483 ng
RT: 7.07 min Scan# 847
Delta R.T. -0.01 min
Lab File: BF115053.D
Acq: 14 Jun 2019 21:18

Tgt Ion:	107	Resp:	574970
Ion	Ratio	Lower	Upper
107	100		
108	91.2	73.1	113.1
77	50.6	37.3	77.3
79	27.5	9.6	49.6

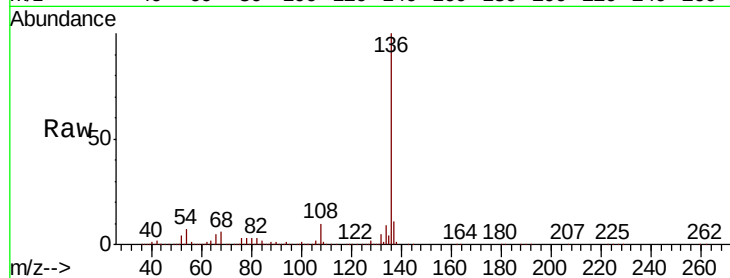




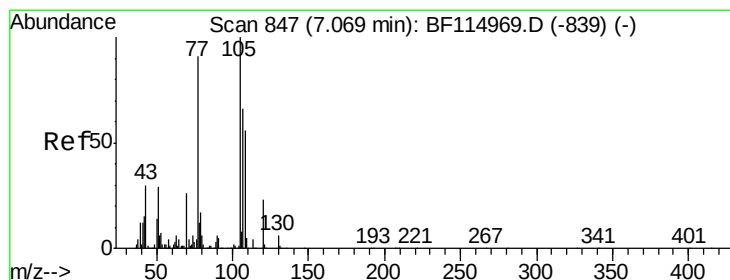
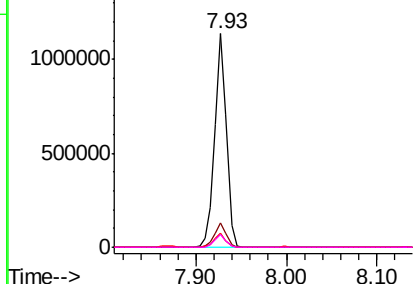
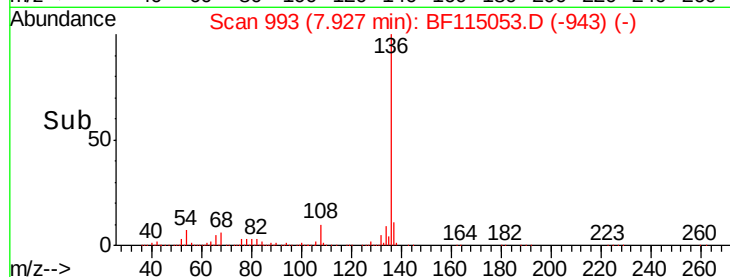
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.93 min Scan# 993
Delta R.T. -0.01 min
Lab File: BF115053.D
Acq: 14 Jun 2019 21:18

Instrument :
BNA_F
ClientSampleId :
BAT-B10MSD

Tot Ion:136	Resp: 1027255
Ion Ratio	Lower Upper
136 100	
137 11.3	9.0 13.4
54 6.6	5.4 8.0
68 5.8	4.6 7.0

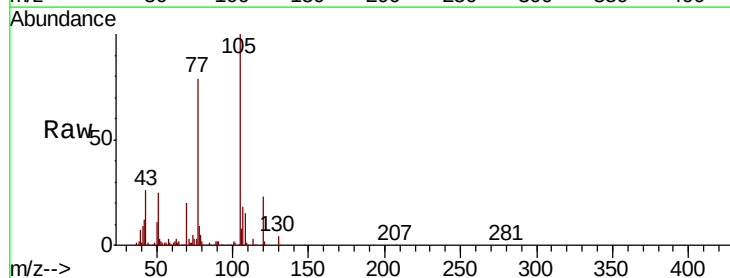


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

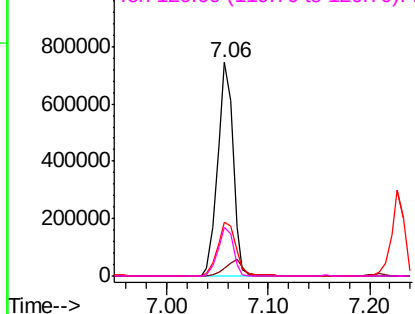
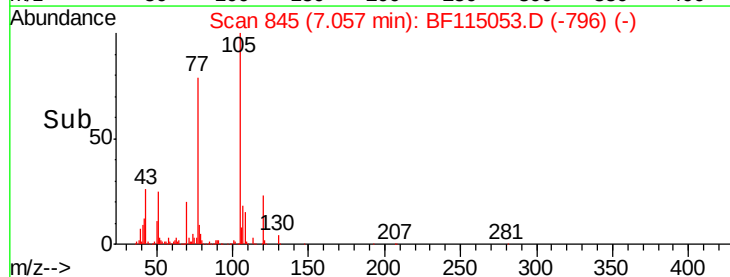


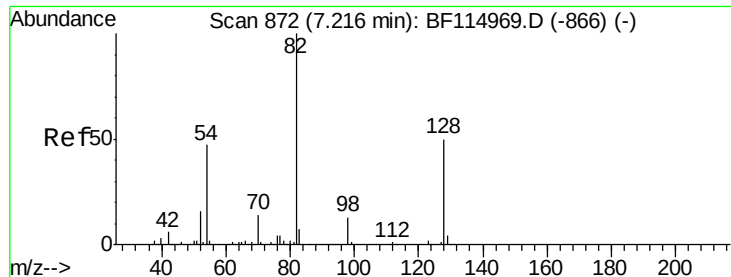
#22
Acetophenone
Concen: 34.164 ng
RT: 7.06 min Scan# 845
Delta R.T. -0.01 min
Lab File: BF115053.D
Acq: 14 Jun 2019 21:18

Tgt	Ion:105	Resp:	794447
Ion	Ratio	Lower	Upper
105	100		
71	3.4	3.4	5.2#
51	25.1	23.3	34.9
120	23.0	18.8	28.2



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BF1
Ion 51.00 (50.70 to 51.70): BF1
Ion 120.00 (119.70 to 120.70): E



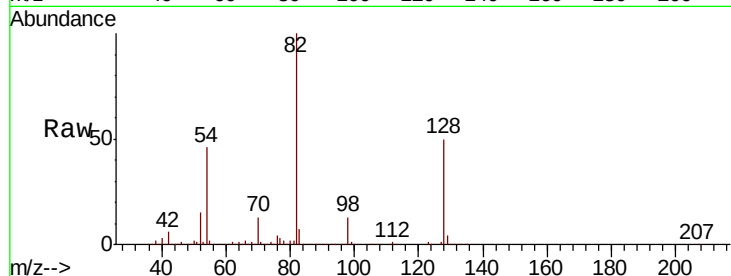


#23
 Nitrobenzene-d5
 Concen: 68.088 ng
 RT: 7.21 min Scan# 871
 Delta R.T. -0.01 min
 Lab File: BF115053.D
 Acq: 14 Jun 2019 21:18

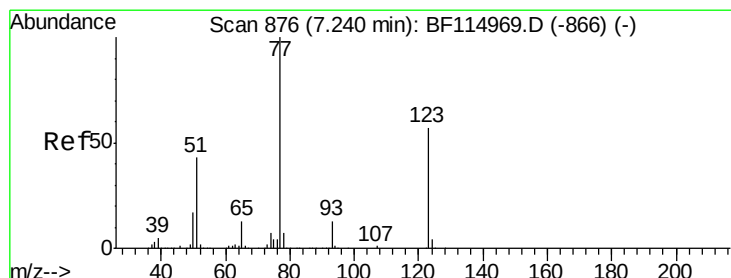
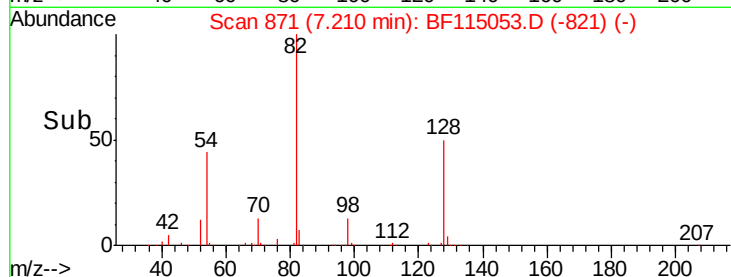
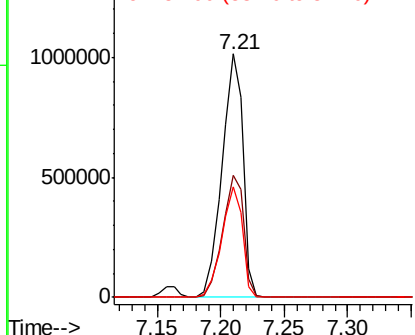
Instrument :
 BNA_F
 ClientSampleId :
 BAT-B10MSD

Tot Ion: 82 Resp: 1162012

Ion	Ratio	Lower	Upper
82	100		
128	50.3	39.9	59.9
54	45.6	37.3	55.9



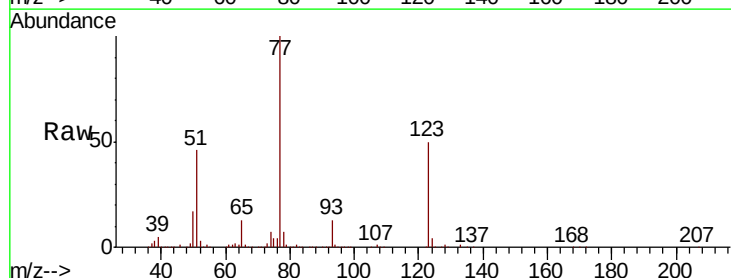
Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1



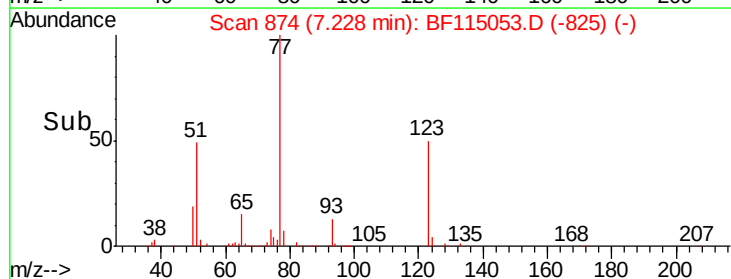
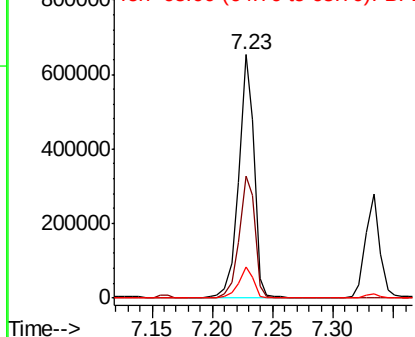
#24
 Nitrobenzene
 Concen: 33.103 ng
 RT: 7.23 min Scan# 874
 Delta R.T. -0.01 min
 Lab File: BF115053.D
 Acq: 14 Jun 2019 21:18

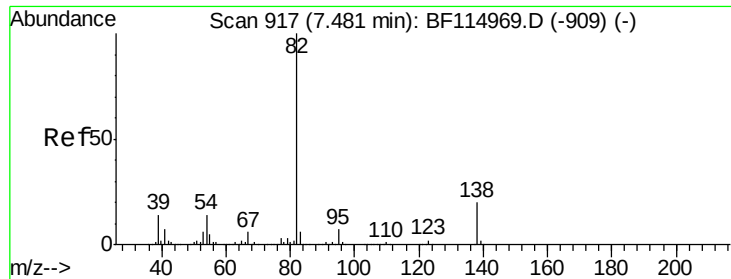
Tgt Ion: 77 Resp: 574802

Ion	Ratio	Lower	Upper
77	100		
123	50.2	45.5	68.3
65	13.0	10.3	15.5



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





#25

Isophorone

Concen: 32.804 ng

RT: 7.47 min Scan# 915

Delta R.T. -0.01 min

Lab File: BF115053.D

Acq: 14 Jun 2019 21:18

Instrument :

BNA_F

ClientSampleId :

BAT-B10MSD

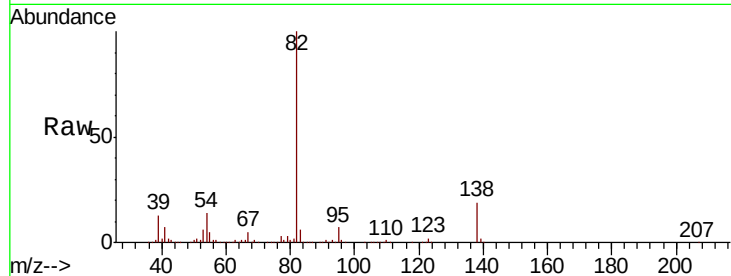
Tot Ion: 82 Resp: 1048556

Ion Ratio Lower Upper

82 100

95 7.0 5.6 8.4

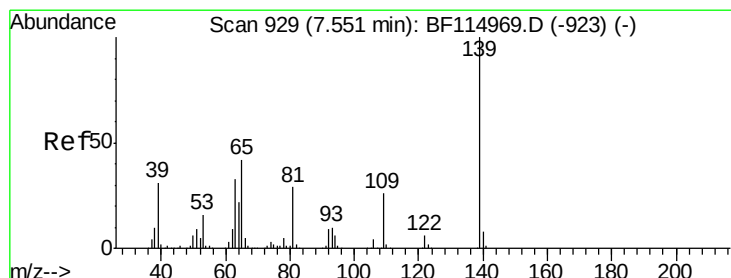
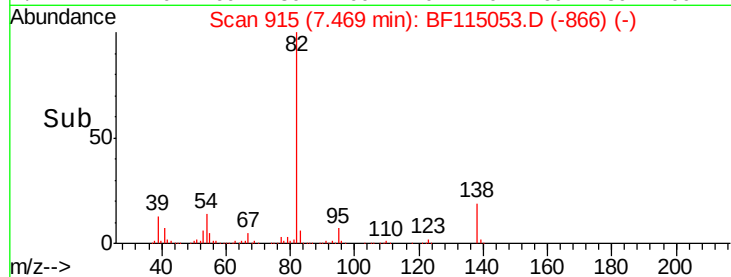
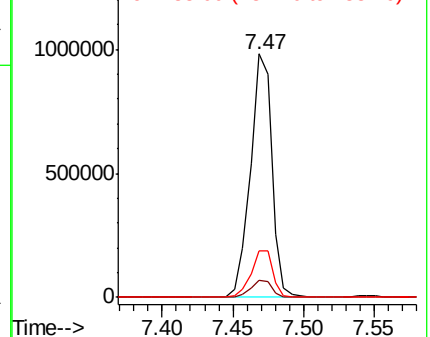
138 18.9 16.1 24.1



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 30.788 ng

RT: 7.55 min Scan# 928

Delta R.T. -0.01 min

Lab File: BF115053.D

Acq: 14 Jun 2019 21:18

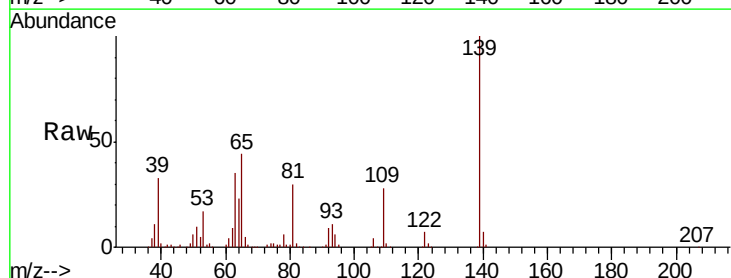
Tgt Ion: 139 Resp: 297986

Ion Ratio Lower Upper

139 100

109 27.6 20.8 31.2

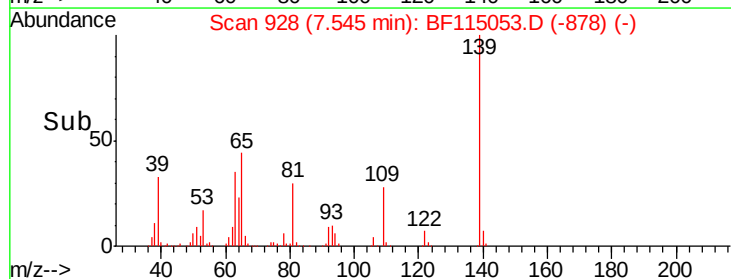
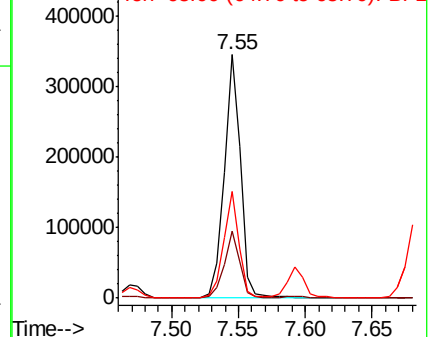
65 43.8 33.4 50.2

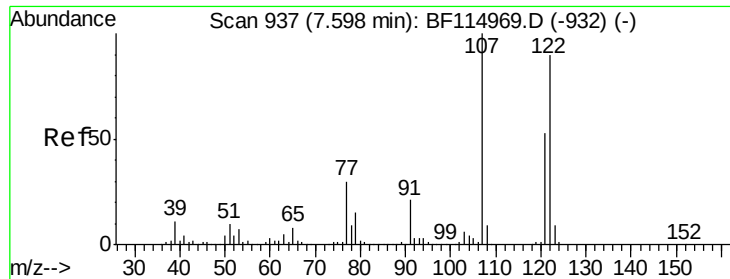


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1





#27

2,4-Dimethylphenol

Concen: 35.927 ng

RT: 7.59 min Scan# 936

Delta R.T. -0.01 min

Lab File: BF115053.D

Acq: 14 Jun 2019 21:18

Instrument :

BNA_F

ClientSampleId :

BAT-B10MSD

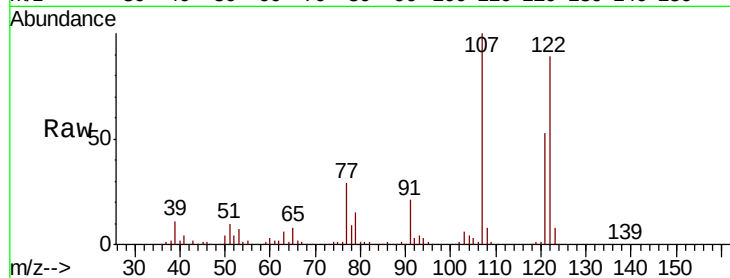
Tot Ion:122 Resp: 501619

Ion Ratio Lower Upper

122 100

107 112.6 88.8 133.2

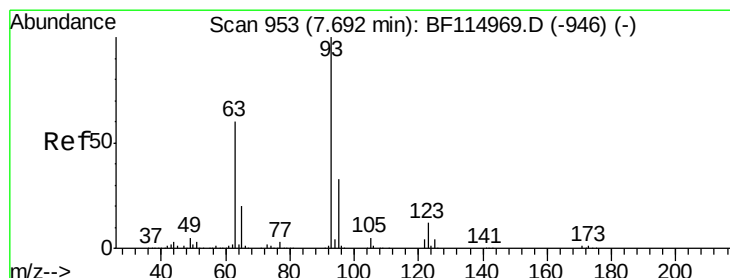
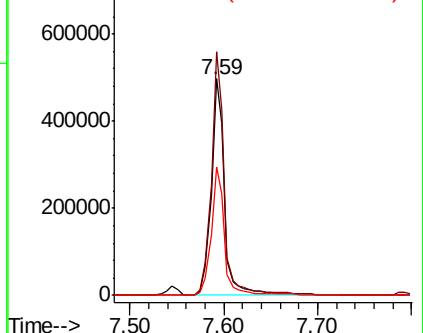
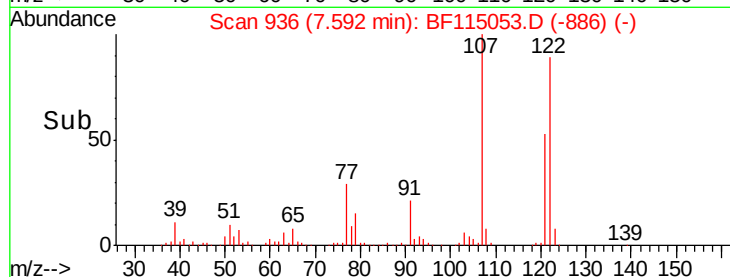
121 59.5 47.4 71.0



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 32.587 ng

RT: 7.69 min Scan# 952

Delta R.T. -0.01 min

Lab File: BF115053.D

Acq: 14 Jun 2019 21:18

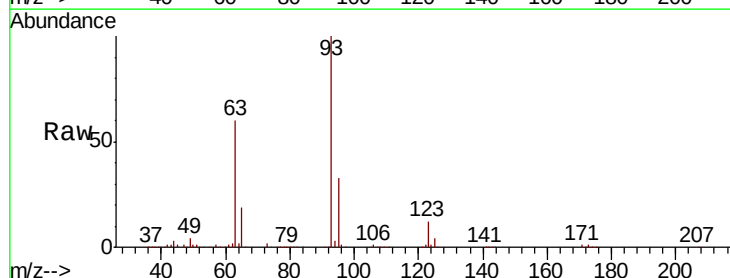
Tgt Ion: 93 Resp: 668279

Ion Ratio Lower Upper

93 100

95 33.3 26.6 40.0

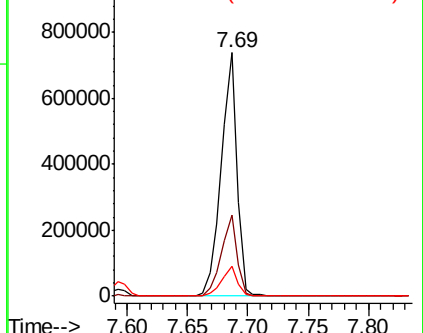
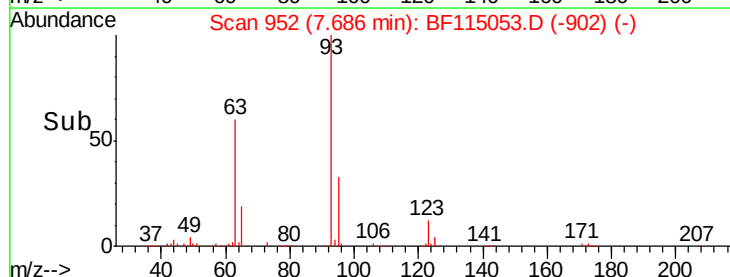
123 12.4 9.9 14.9

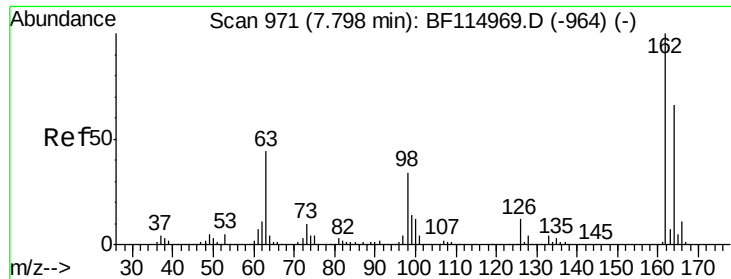


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

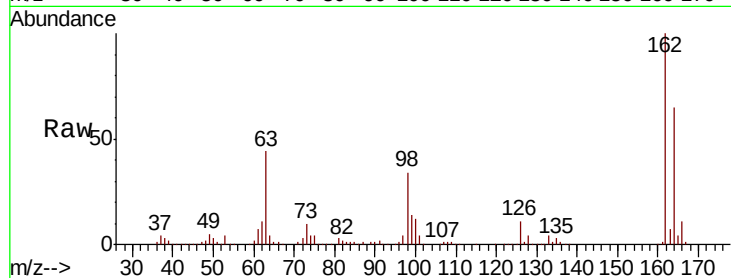




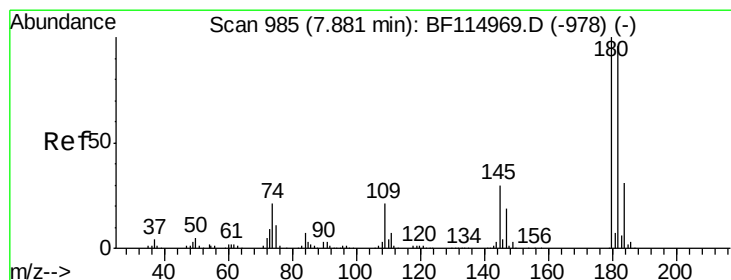
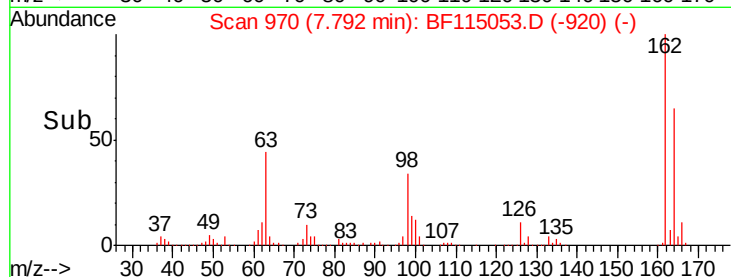
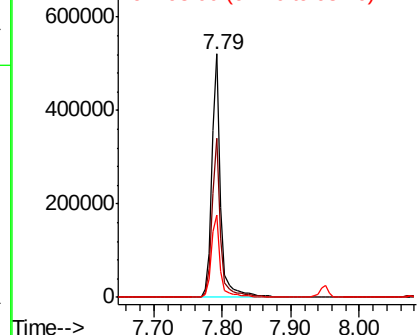
#29
2,4-Dichlorophenol
Concen: 32.532 ng
RT: 7.79 min Scan# 970
Delta R.T. -0.01 min
Lab File: BF115053.D
Acq: 14 Jun 2019 21:18

Instrument :
BNA_F
ClientSampleId :
BAT-B10MSD

Tot Ion	Ratio	Lower	Upper
162	100		
164	65.2	45.7	85.7
98	33.6	14.0	54.0

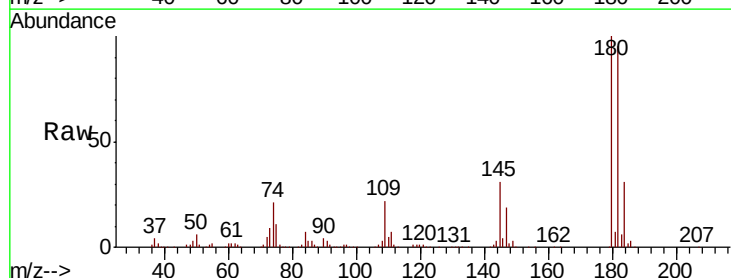


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

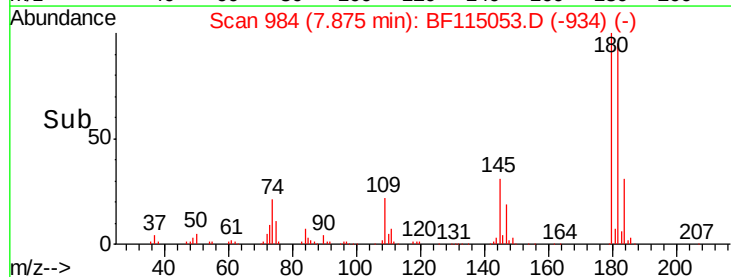
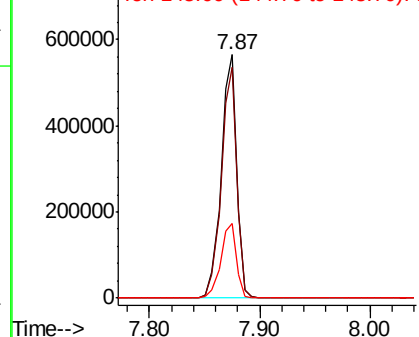


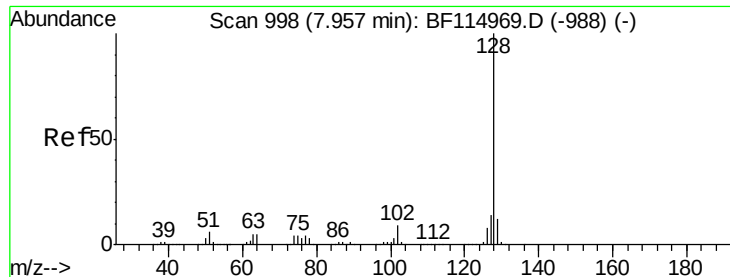
#30
1,2,4-Trichlorobenzene
Concen: 32.207 ng
RT: 7.87 min Scan# 984
Delta R.T. -0.01 min
Lab File: BF115053.D
Acq: 14 Jun 2019 21:18

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.0	76.7	115.1
145	30.9	24.1	36.1



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

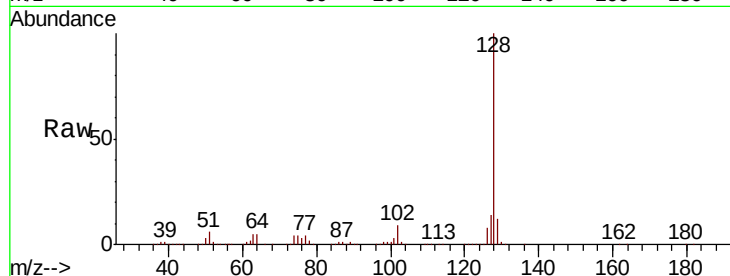




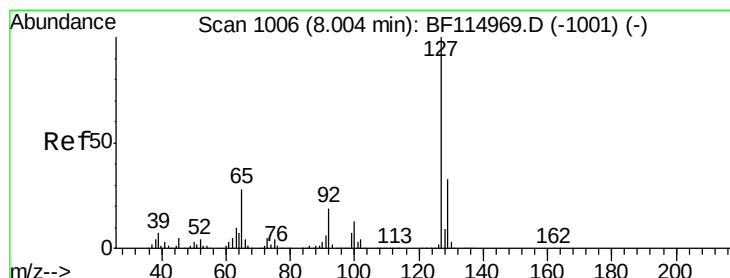
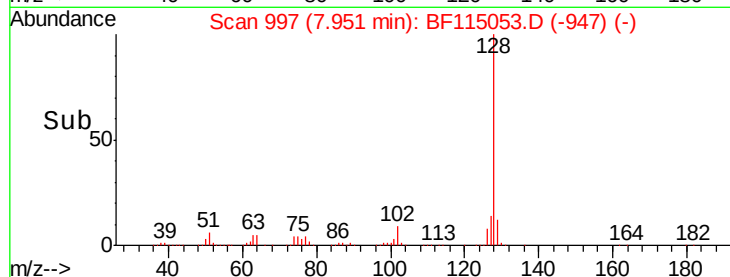
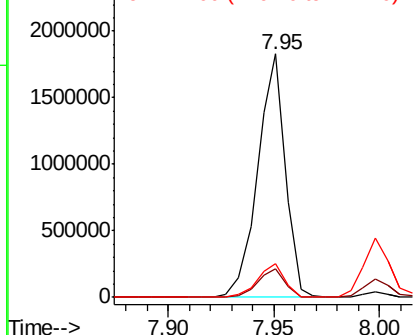
#31
Naphthalene
Concen: 34.304 ng
RT: 7.95 min Scan# 997
Delta R.T. -0.01 min
Lab File: BF115053.D
Acq: 14 Jun 2019 21:18

Instrument :
BNA_F
ClientSampleId :
BAT-B10MSD

Tot Ion:128 Resp: 1667290
Ion Ratio Lower Upper
128 100
129 11.6 9.5 14.3
127 13.9 11.5 17.3

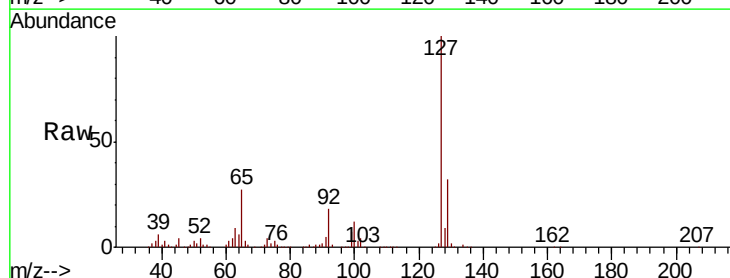


Abundance Ion 128.00 (127.70 to 128.70): E
2500000 Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

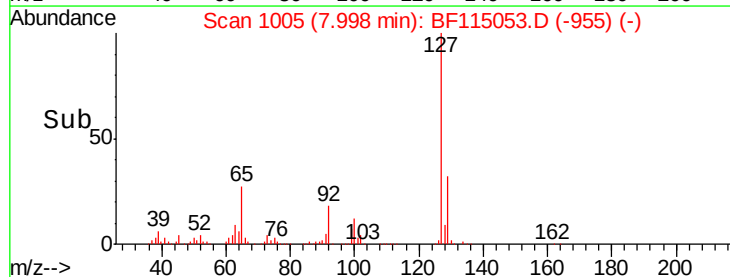
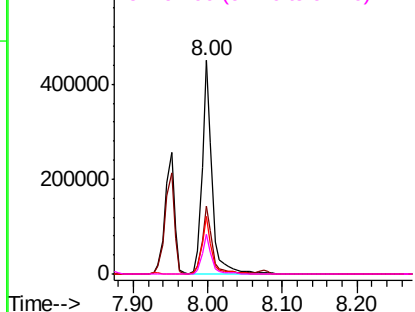


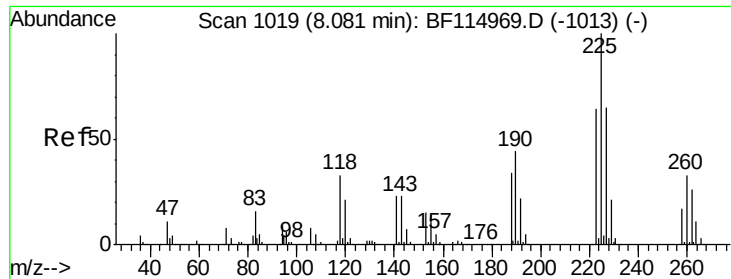
#33
4-Chloroaniline
Concen: 18.884 ng
RT: 8.00 min Scan# 1005
Delta R.T. -0.01 min
Lab File: BF115053.D
Acq: 14 Jun 2019 21:18

Tgt Ion:127 Resp: 423672
Ion Ratio Lower Upper
127 100
129 31.5 26.1 39.1
65 26.9 22.3 33.5
92 18.3 15.3 22.9



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

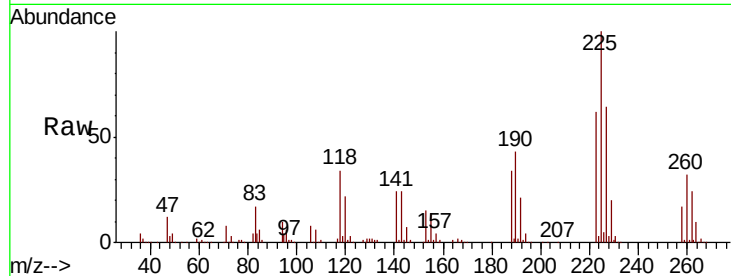




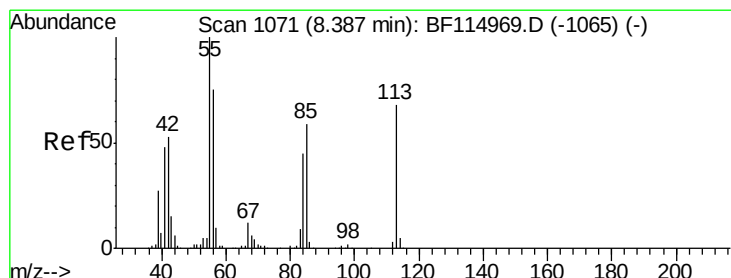
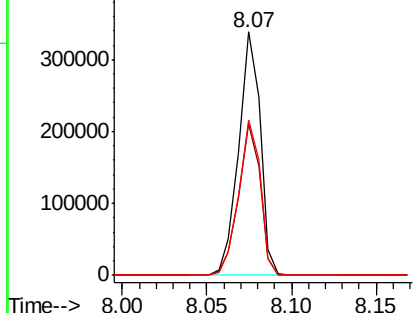
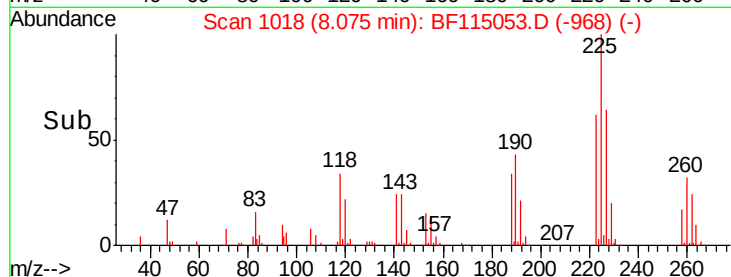
#34
Hexachlorobutadiene
Concen: 31.885 ng
RT: 8.07 min Scan# 1018
Delta R.T. -0.01 min
Lab File: BF115053.D
Acq: 14 Jun 2019 21:18

Instrument :
BNA_F
ClientSampleId :
BAT-B10MSD

Tot Ion:225 Resp: 302052
Ion Ratio Lower Upper
225 100
223 62.2 51.0 76.6
227 63.7 51.7 77.5

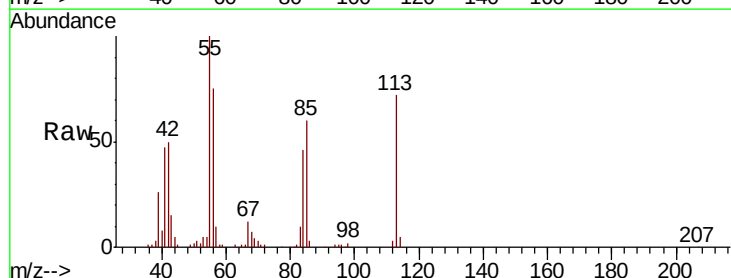


Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

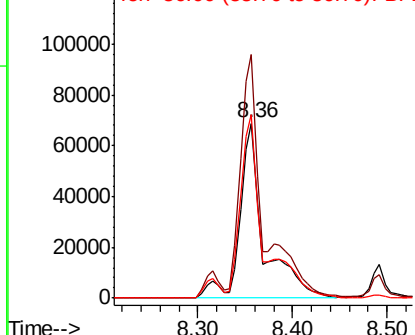
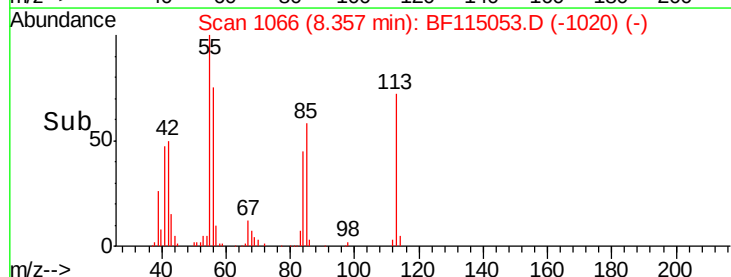


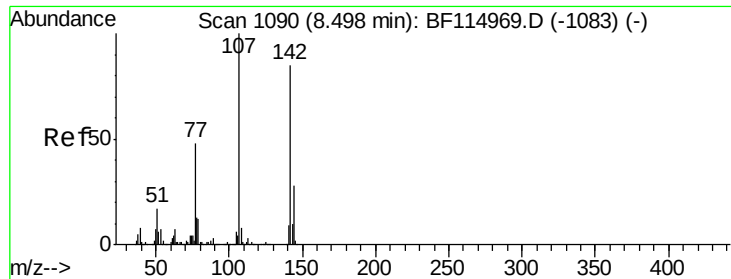
#35
Caprolactam
Concen: 24.615 ng m
RT: 8.36 min Scan# 1066
Delta R.T. -0.03 min
Lab File: BF115053.D
Acq: 14 Jun 2019 21:18

Tgt Ion:113 Resp: 120921
Ion Ratio Lower Upper
113 100
55 139.1 127.3 167.3
56 104.8 90.6 130.6



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

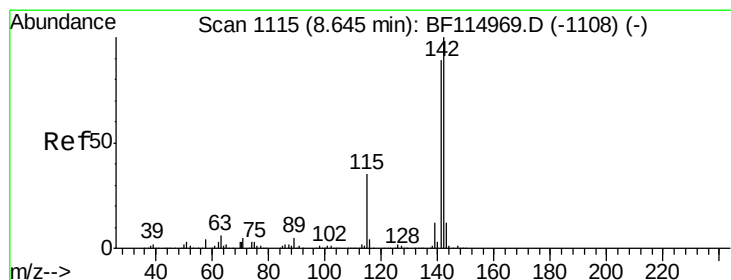
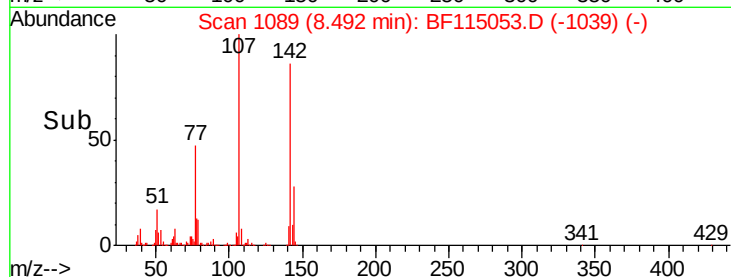
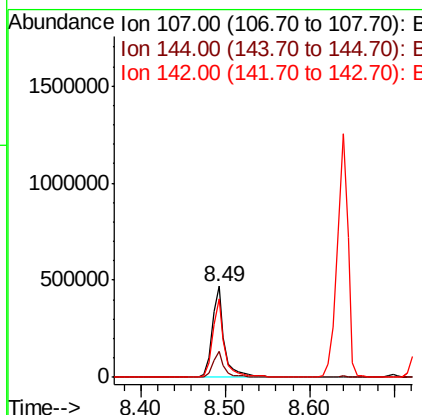
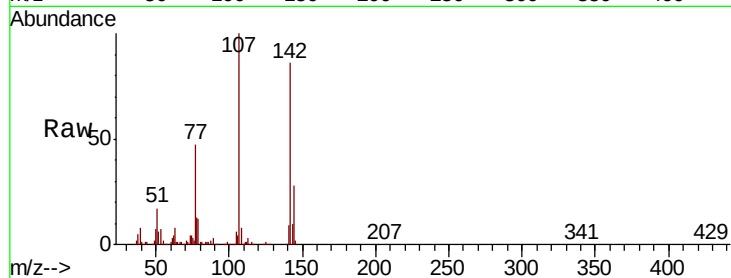




#36
 4-Chloro-3-methylphenol
 Concen: 32.452 ng
 RT: 8.49 min Scan# 1089
 Delta R.T. -0.01 min
 Lab File: BF115053.D
 Acq: 14 Jun 2019 21:18

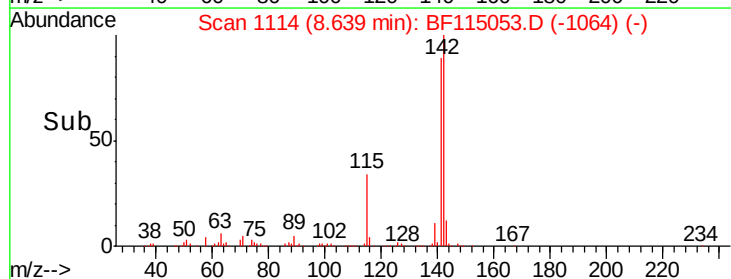
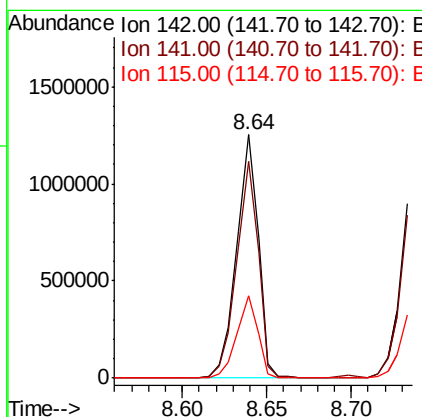
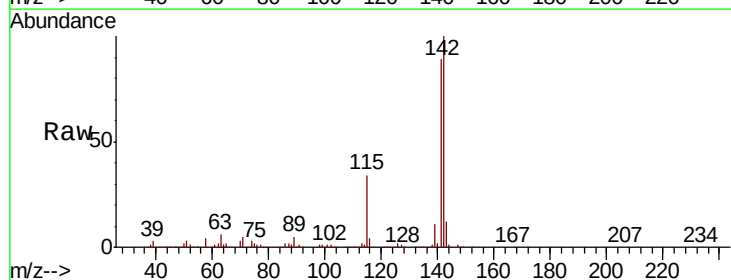
Instrument :
 BNA_F
 ClientSampleId :
 BAT-B10MSD

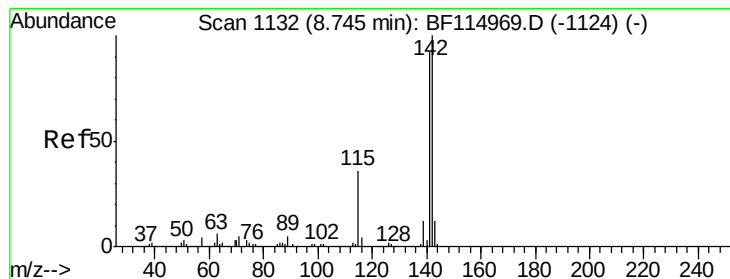
Tot Ion:107 Resp: 482371
 Ion Ratio Lower Upper
 107 100
 144 28.3 22.0 33.0
 142 86.3 68.2 102.4



#37
 2-Methylnaphthalene
 Concen: 34.408 ng
 RT: 8.64 min Scan# 1114
 Delta R.T. -0.01 min
 Lab File: BF115053.D
 Acq: 14 Jun 2019 21:18

Tgt Ion:142 Resp: 1115409
 Ion Ratio Lower Upper
 142 100
 141 89.2 71.0 106.6
 115 34.0 27.9 41.9





#38

1-Methylnaphthalene

Concen: 34.118 ng

RT: 8.74 min Scan# 1131

Delta R.T. -0.01 min

Lab File: BF115053.D

Acq: 14 Jun 2019 21:18

Instrument :

BNA_F

ClientSampleId :

BAT-B10MSD

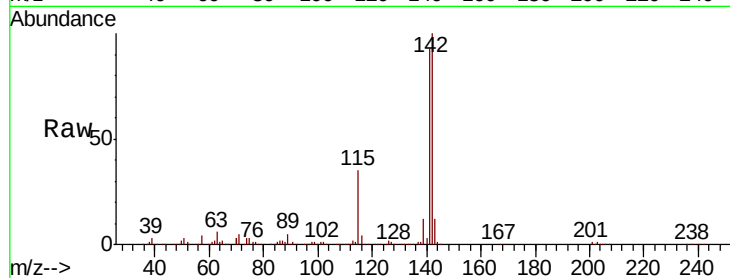
Tot Ion:142 Resp: 1045325

Ion Ratio Lower Upper

142 100

141 93.3 73.8 110.8

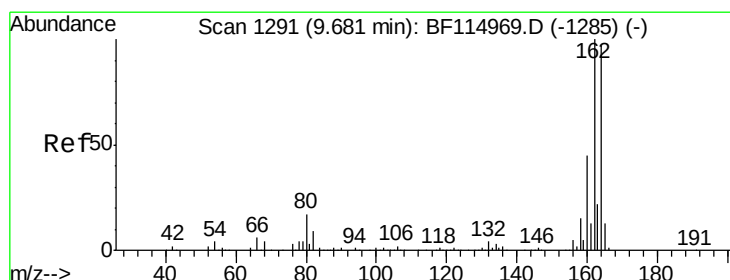
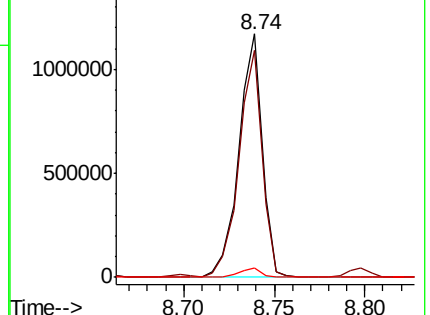
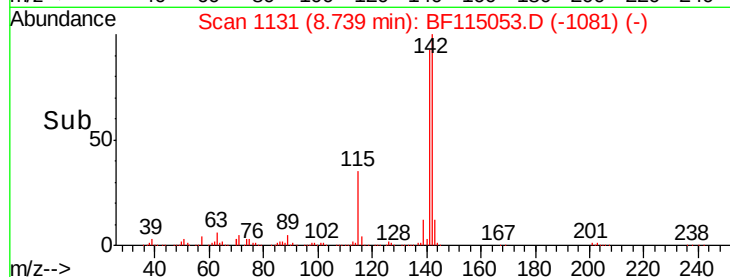
116 3.8 2.9 4.3



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.67 min Scan# 1290

Delta R.T. -0.01 min

Lab File: BF115053.D

Acq: 14 Jun 2019 21:18

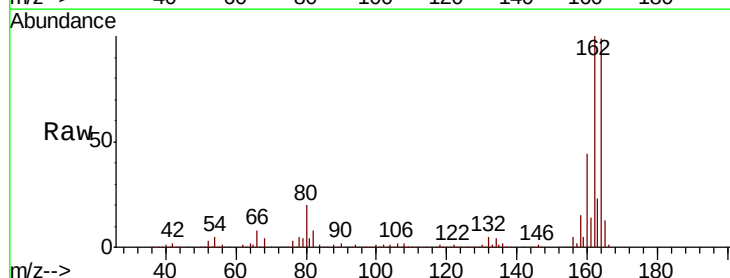
Tgt Ion:164 Resp: 475611

Ion Ratio Lower Upper

164 100

162 101.4 82.6 124.0

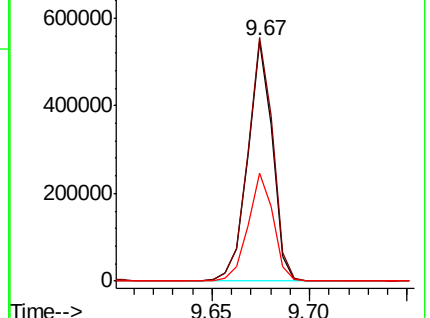
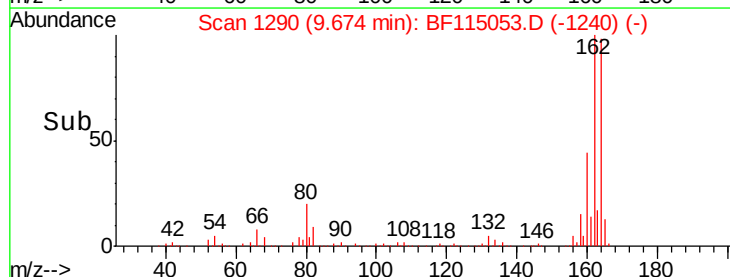
160 44.9 36.9 55.3

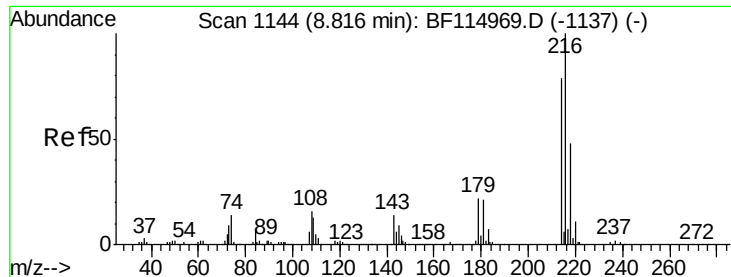


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

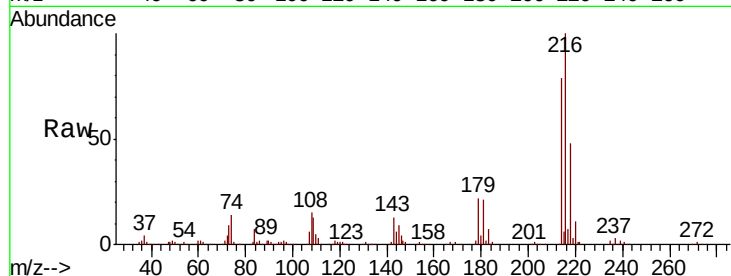




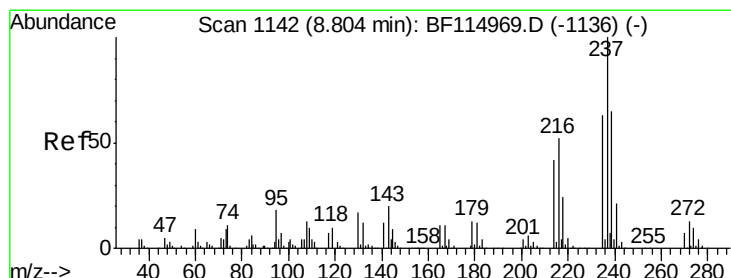
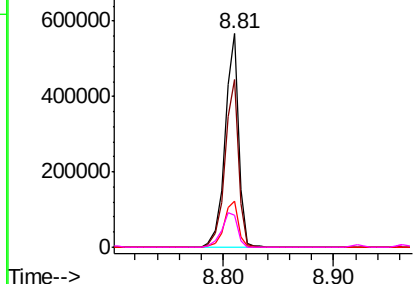
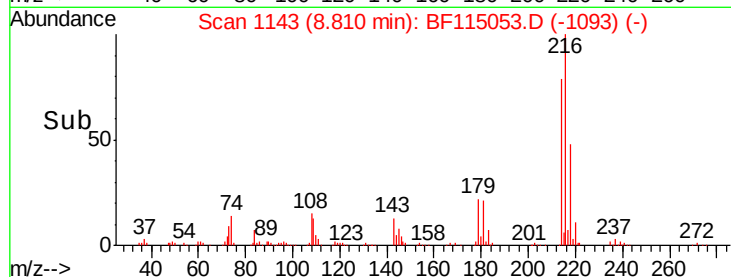
#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 34.590 ng
 RT: 8.81 min Scan# 1143
 Delta R.T. -0.01 min
 Lab File: BF115053.D
 Acq: 14 Jun 2019 21:18

Instrument :
 BNA_F
 ClientSampleId :
 BAT-B10MSD

Tot Ion:216	Resp:	486040
Ion Ratio	Lower	Upper
216	100	
214	79.0	63.7 95.5
179	22.6	18.2 27.4
108	19.4	15.0 22.6

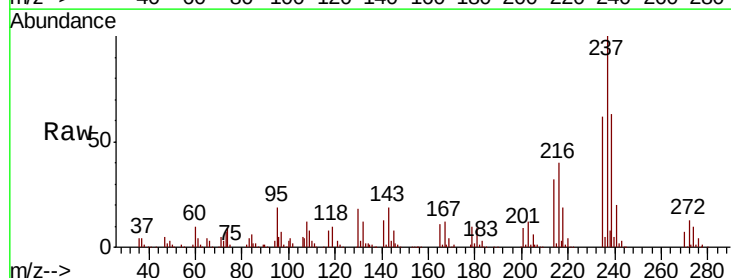


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

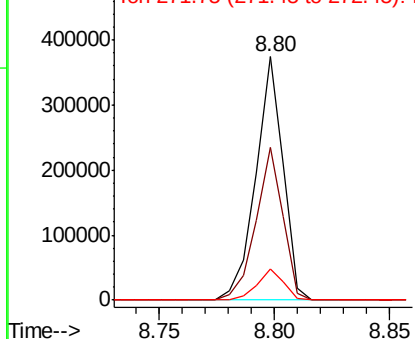
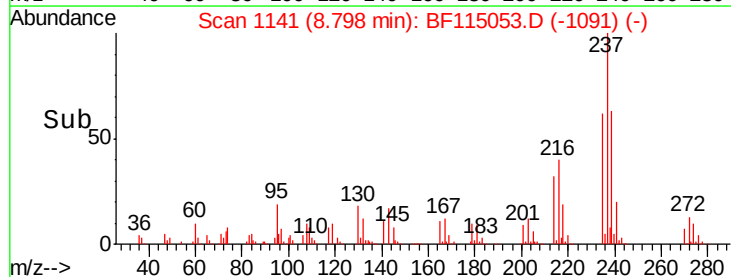


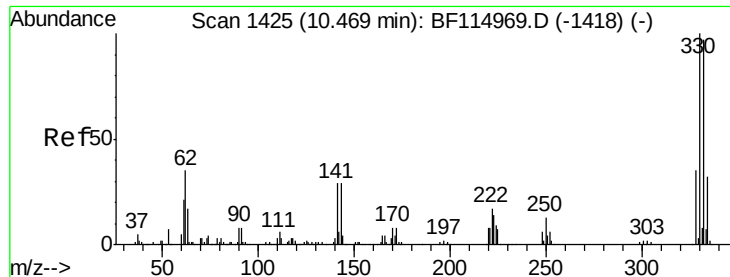
#41
 Hexachlorocyclopentadiene
 Concen: 44.573 ng
 RT: 8.80 min Scan# 1141
 Delta R.T. -0.01 min
 Lab File: BF115053.D
 Acq: 14 Jun 2019 21:18

Tgt Ion:237	Resp:	308622
Ion Ratio	Lower	Upper
237	100	
235	62.5	42.7 82.7
272	12.6	0.0 32.7



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

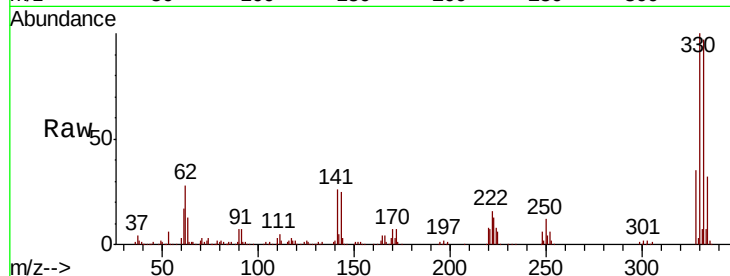




#42
 2,4,6-Tribromophenol
 Concen: 85.570 ng
 RT: 10.46 min Scan# 1424
 Delta R.T. -0.01 min
 Lab File: BF115053.D
 Acq: 14 Jun 2019 21:18

Instrument :
 BNA_F
 ClientSampleId :
 BAT-B10MSD

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.2	77.6	116.4
141	33.5	27.2	40.8

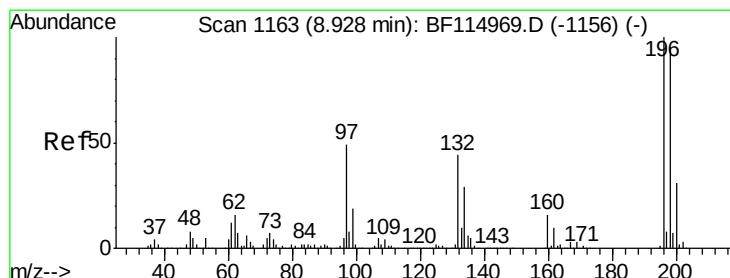
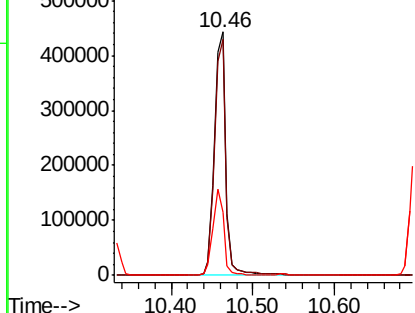
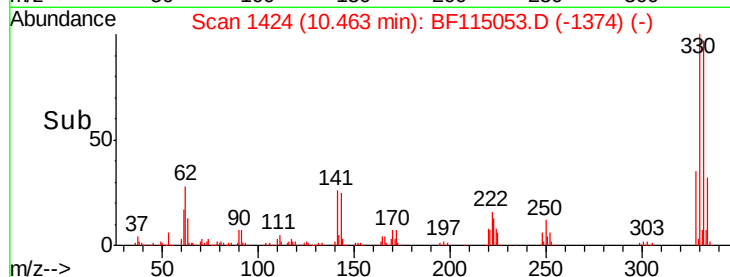


Abundance

Ion 329.80 (329.50 to 330.50): E

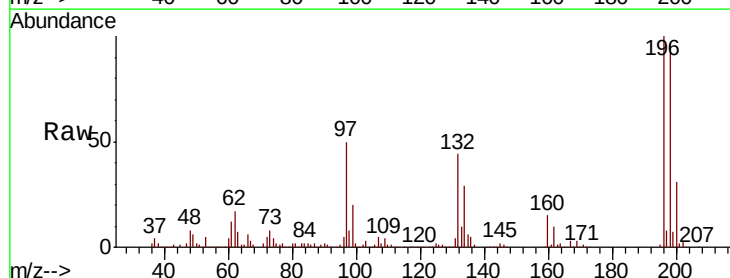
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#43
 2,4,6-Trichlorophenol
 Concen: 29.176 ng
 RT: 8.92 min Scan# 1162
 Delta R.T. -0.01 min
 Lab File: BF115053.D
 Acq: 14 Jun 2019 21:18

Tgt Ion	Ratio	Lower	Upper
196	100		
198	96.7	75.8	113.8
200	30.8	24.9	37.3

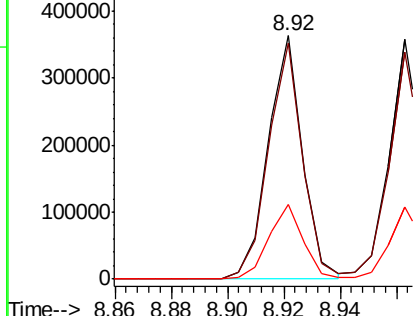
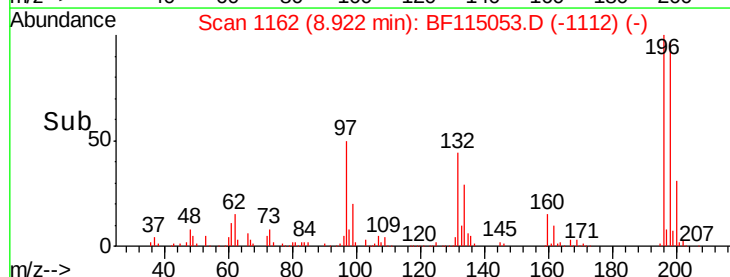


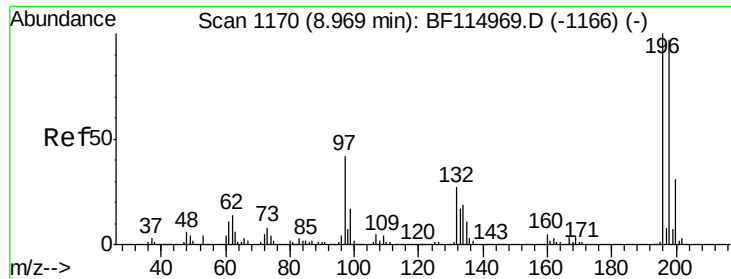
Abundance

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

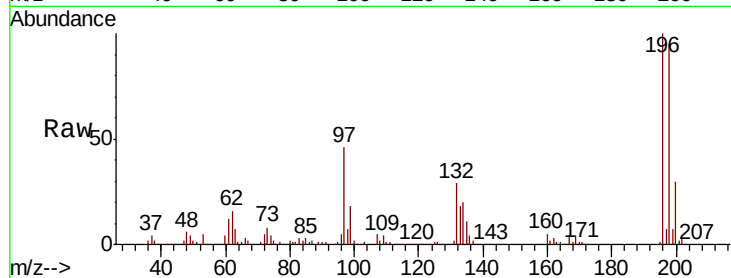




#44
2,4,5-Trichlorophenol
Concen: 30.776 ng
RT: 8.96 min Scan# 1169
Delta R.T. -0.01 min
Lab File: BF115053.D
Acq: 14 Jun 2019 21:18

Instrument :
BNA_F
ClientSampleId :
BAT-B10MSD

Tot Ion	Ratio	Lower	Upper
196	100		
198	94.9	77.3	115.9
97	45.9	34.2	51.4
132	28.8	22.1	33.1



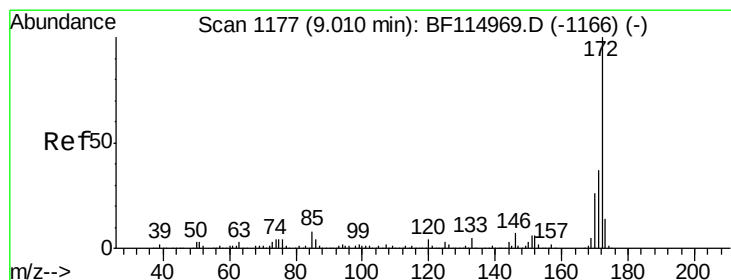
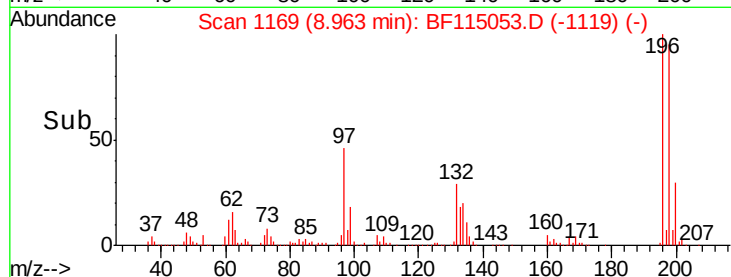
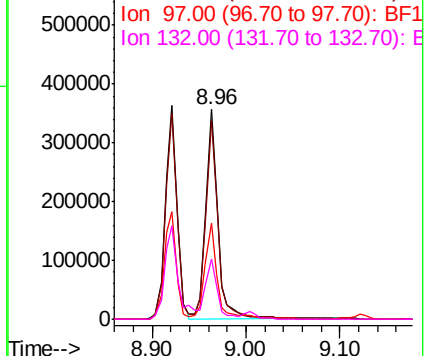
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

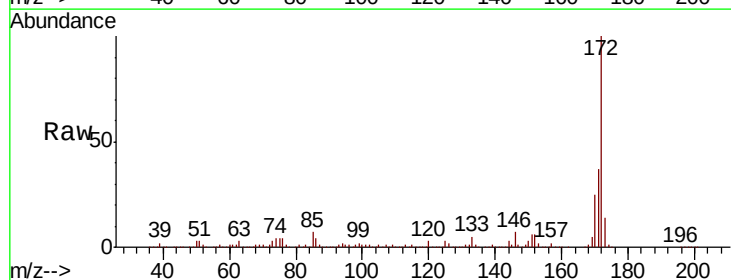
Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E



#45
2-Fluorobiphenyl
Concen: 77.125 ng
RT: 9.00 min Scan# 1176
Delta R.T. -0.01 min
Lab File: BF115053.D
Acq: 14 Jun 2019 21:18

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.9	29.8	44.6
170	25.2	20.6	31.0

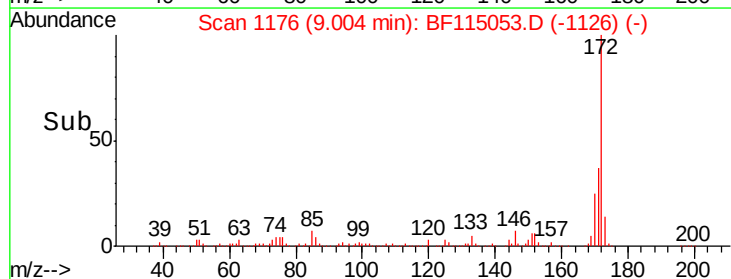
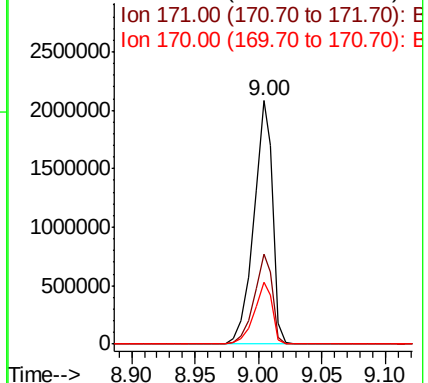


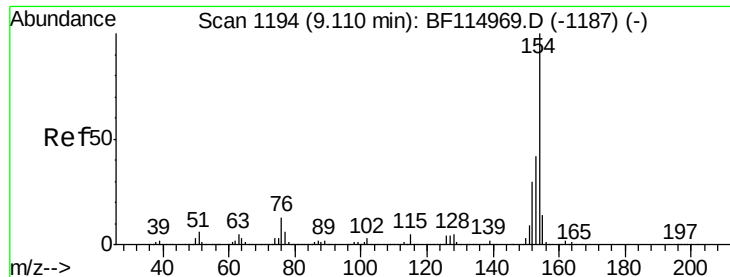
Abundance

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

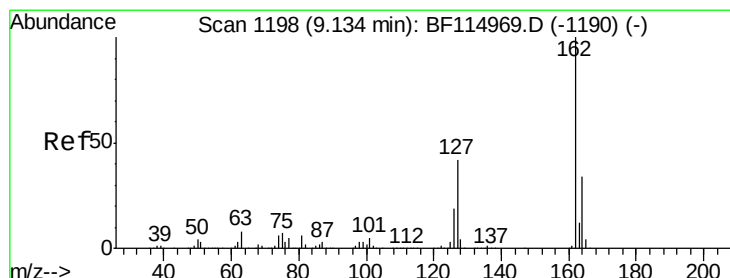
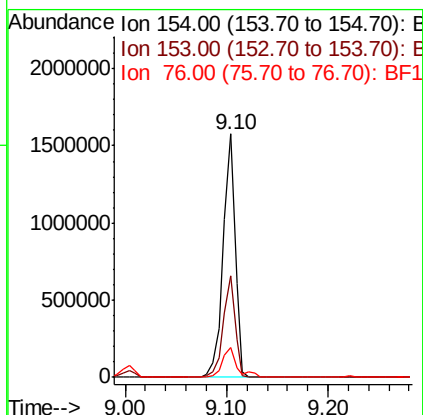
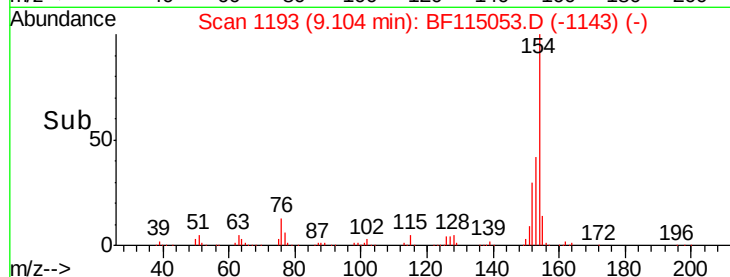
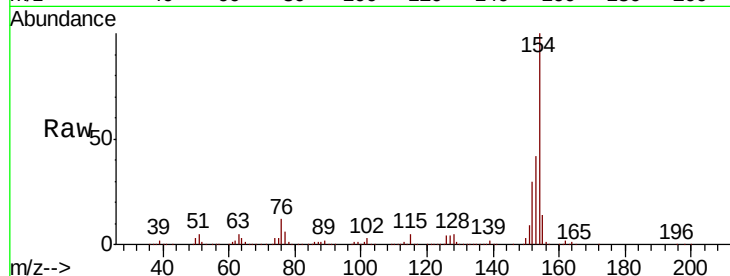




#46
 1,1'-Biphenyl
 Concen: 34.180 ng
 RT: 9.10 min Scan# 1193
 Delta R.T. -0.01 min
 Lab File: BF115053.D
 Acq: 14 Jun 2019 21:18

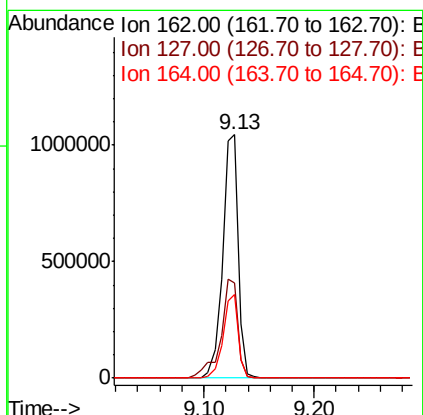
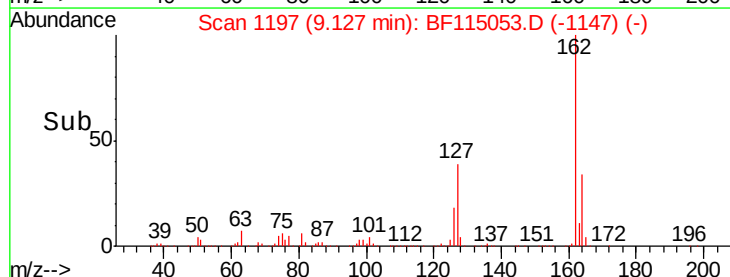
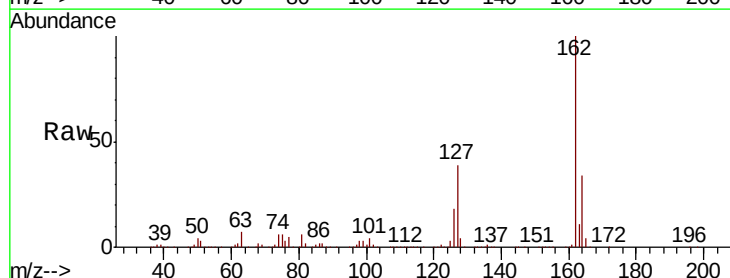
Instrument :
 BNA_F
 ClientSampleId :
 BAT-B10MSD

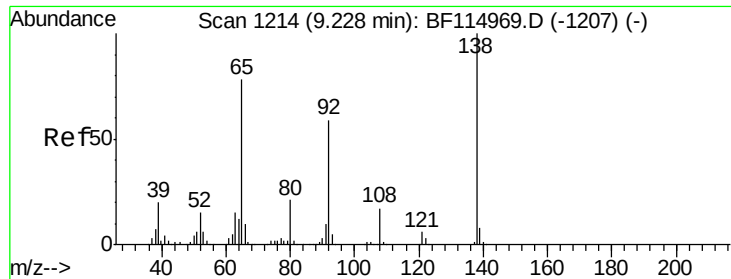
Tot Ion:154 Resp: 1302683
 Ion Ratio Lower Upper
 154 100
 153 41.9 22.4 62.4
 76 12.5 0.0 33.3



#47
 2-Chloronaphthalene
 Concen: 33.264 ng
 RT: 9.13 min Scan# 1197
 Delta R.T. -0.01 min
 Lab File: BF115053.D
 Acq: 14 Jun 2019 21:18

Tgt Ion:162 Resp: 1025191
 Ion Ratio Lower Upper
 162 100
 127 39.0 33.4 50.2
 164 34.1 27.2 40.8

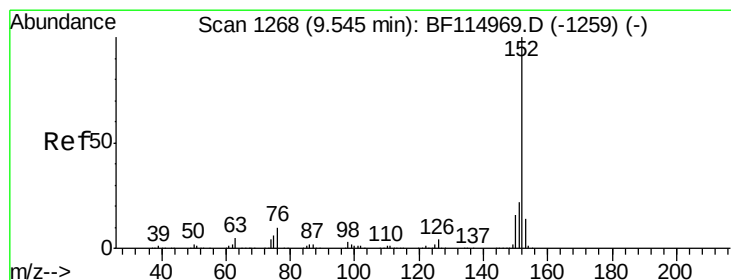
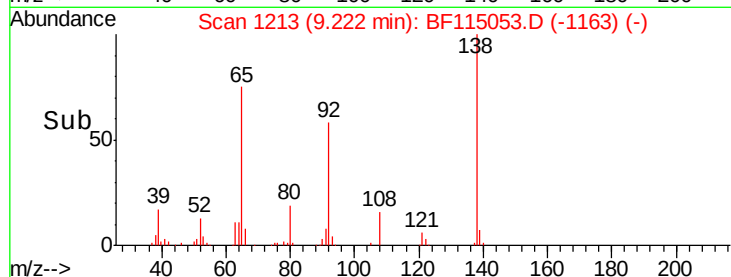
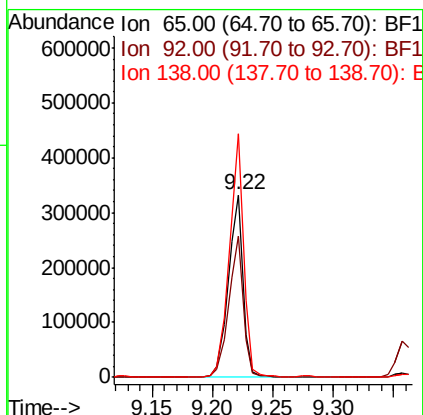
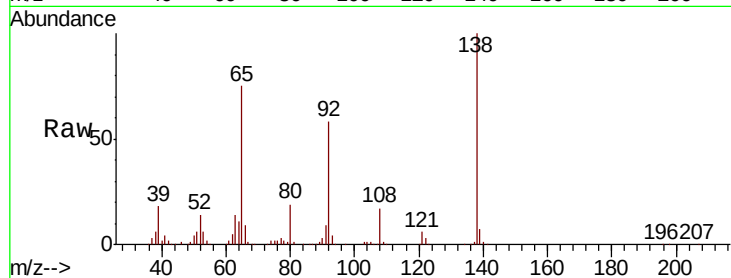




#48
2-Nitroaniline
Concen: 31.185 ng
RT: 9.22 min Scan# 1213
Delta R.T. -0.01 min
Lab File: BF115053.D
Acq: 14 Jun 2019 21:18

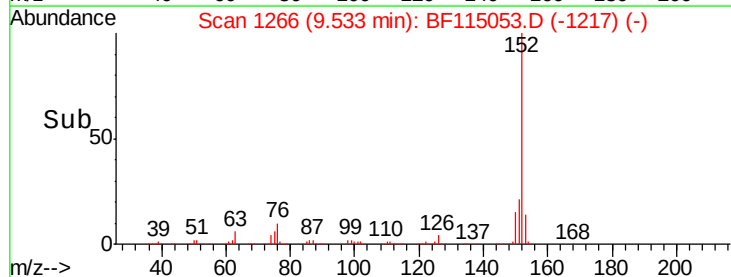
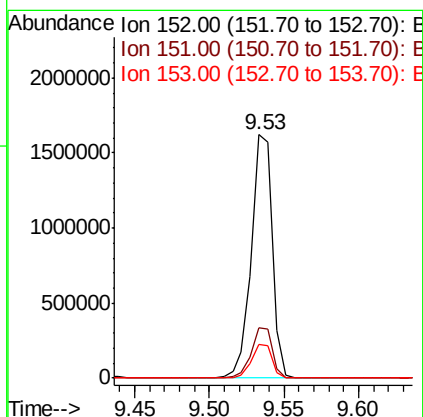
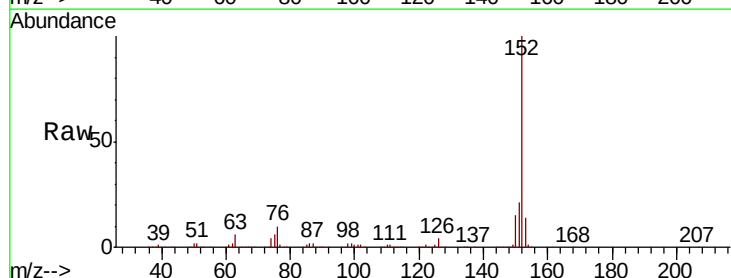
Instrument :
BNA_F
ClientSampleId :
BAT-B10MSD

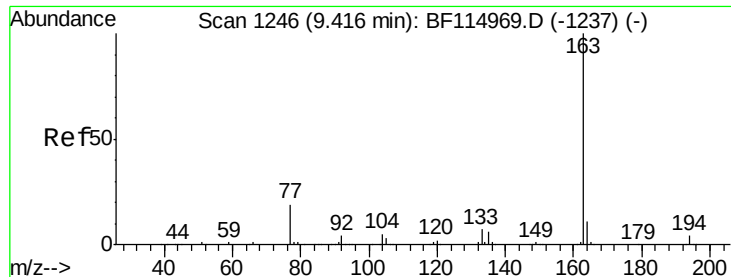
Tot Ion: 65 Resp: 284080
Ion Ratio Lower Upper
65 100
92 77.1 60.5 90.7
138 133.4 102.0 153.0



#49
Acenaphthylene
Concen: 33.241 ng
RT: 9.53 min Scan# 1266
Delta R.T. -0.01 min
Lab File: BF115053.D
Acq: 14 Jun 2019 21:18

Tgt Ion:152 Resp: 1575145
Ion Ratio Lower Upper
152 100
151 20.8 17.5 26.3
153 14.0 11.2 16.8

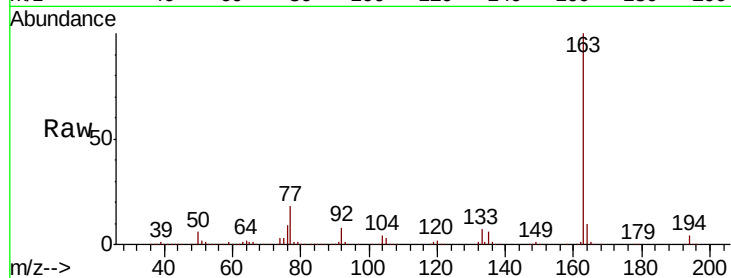




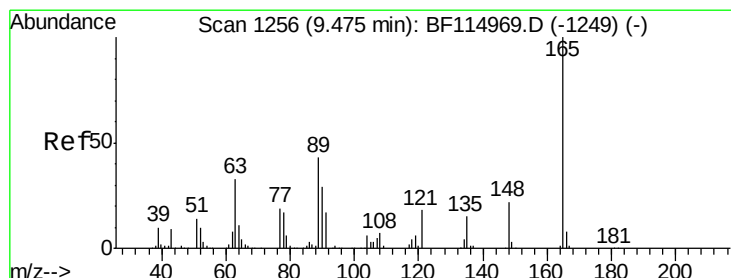
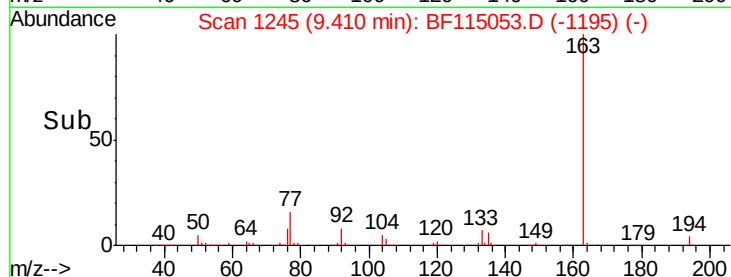
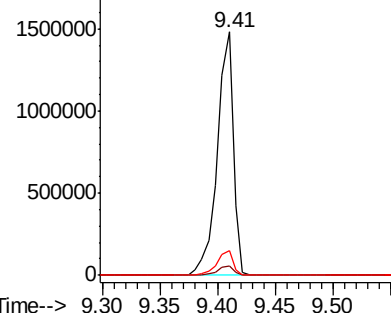
#50
Dimethylphthalate
Concen: 39.883 ng
RT: 9.41 min Scan# 1245
Delta R.T. -0.01 min
Lab File: BF115053.D
Acq: 14 Jun 2019 21:18

Instrument :
BNA_F
ClientSampleId :
BAT-B10MSD

Tot Ion:163 Resp: 1426529
Ion Ratio Lower Upper
163 100
194 4.1 3.3 4.9
164 10.4 8.6 12.8

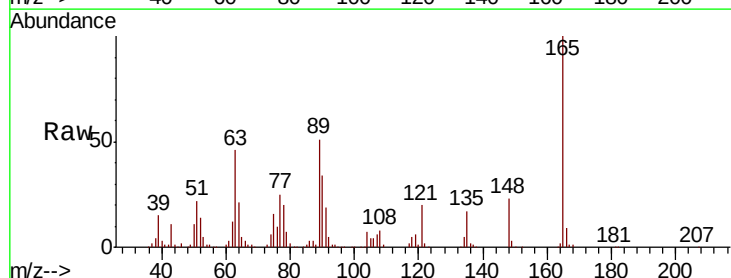


Abundance Ion 163.00 (162.70 to 163.70): E
2000000 Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

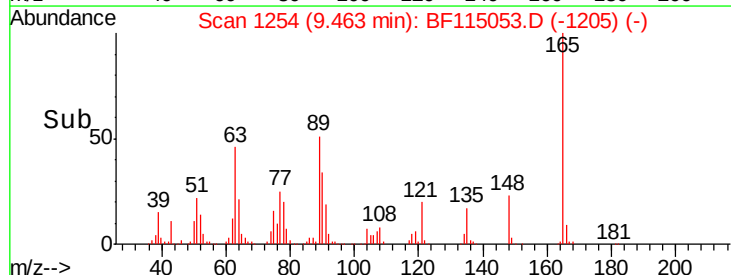
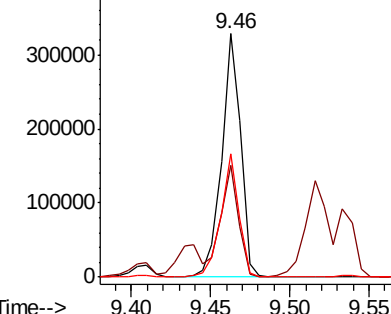


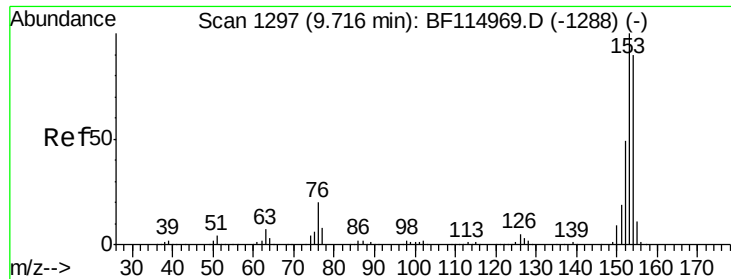
#51
2,6-Dinitrotoluene
Concen: 33.659 ng
RT: 9.46 min Scan# 1254
Delta R.T. -0.01 min
Lab File: BF115053.D
Acq: 14 Jun 2019 21:18

Tgt Ion:165 Resp: 273094
Ion Ratio Lower Upper
165 100
63 46.0 30.6 46.0#
89 50.6 34.4 51.6



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





#52

Acenaphthene

Concen: 33.199 ng

RT: 9.71 min Scan# 1296

Delta R.T. -0.01 min

Lab File: BF115053.D

Acq: 14 Jun 2019 21:18

Instrument :

BNA_F

ClientSampleId :

BAT-B10MSD

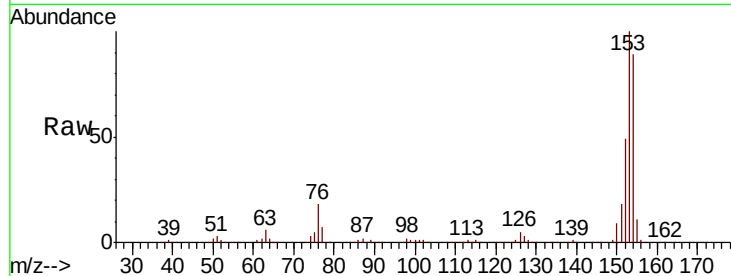
Tot Ion:154 Resp: 900049

Ion Ratio Lower Upper

154 100

153 112.5 88.5 132.7

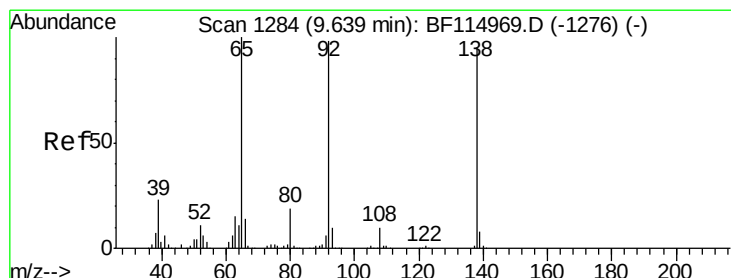
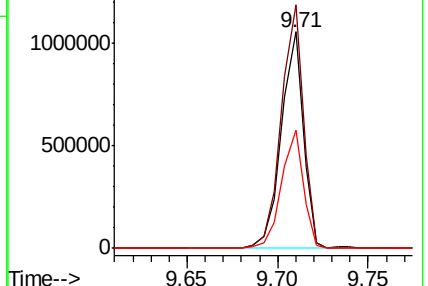
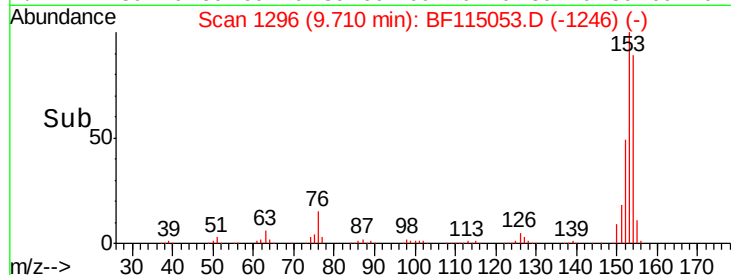
152 54.7 43.6 65.4



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: 24.851 ng

RT: 9.63 min Scan# 1282

Delta R.T. -0.01 min

Lab File: BF115053.D

Acq: 14 Jun 2019 21:18

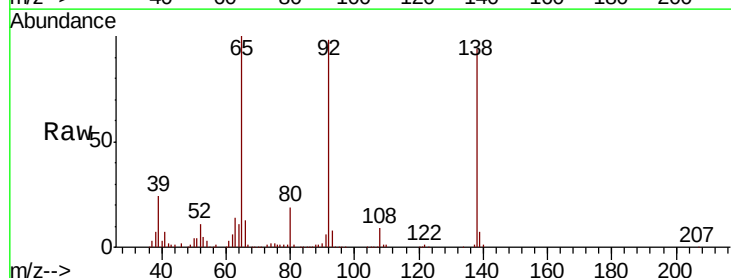
Tgt Ion:138 Resp: 247035

Ion Ratio Lower Upper

138 100

108 10.0 8.0 12.0

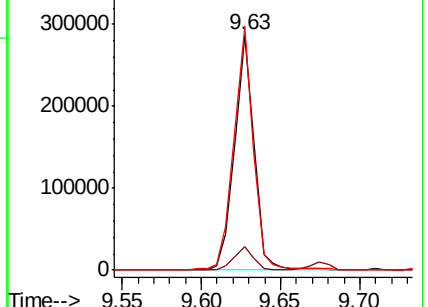
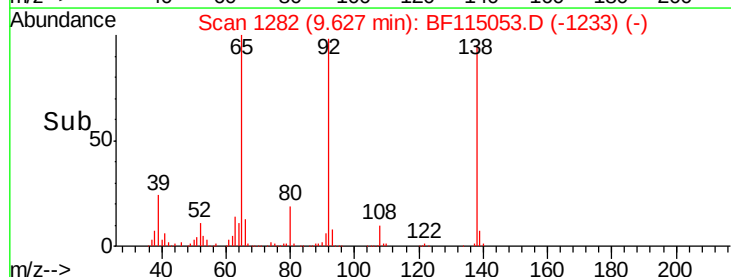
92 103.6 82.4 123.6

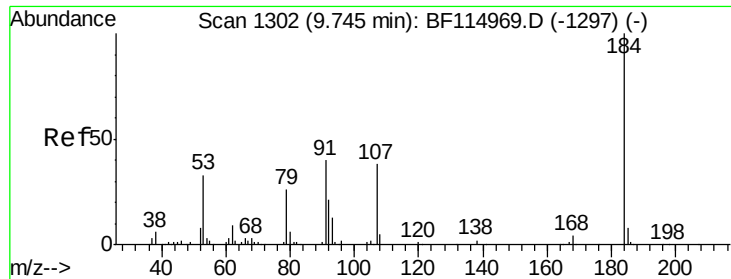


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

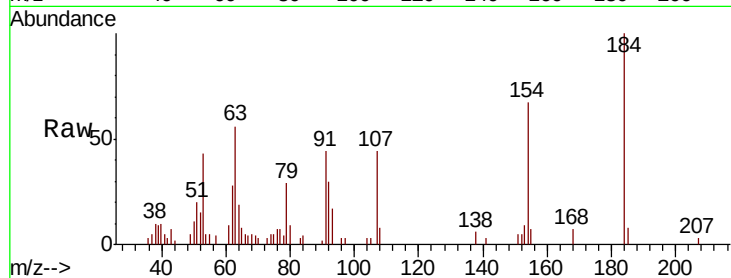




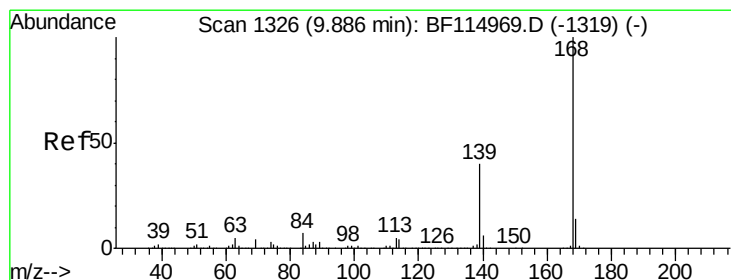
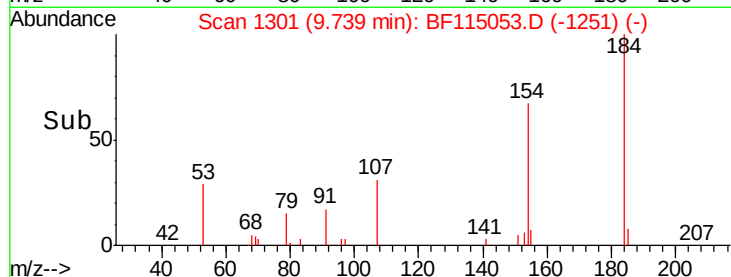
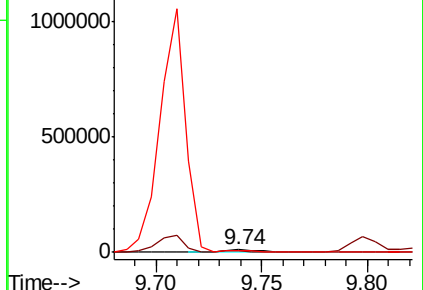
#54
2,4-Dinitrophenol
Concen: 4.094 ng
RT: 9.74 min Scan# 1301
Delta R.T. -0.01 min
Lab File: BF115053.D
Acq: 14 Jun 2019 21:18

Instrument :
BNA_F
ClientSampleId :
BAT-B10MSD

Tot Ion:184 Resp: 16111
Ion Ratio Lower Upper
184 100
63 55.8 40.5 60.7
154 67.2 44.8 67.2#

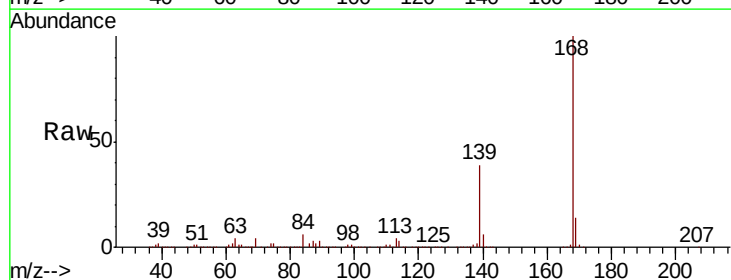


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 154.00 (153.70 to 154.70): E

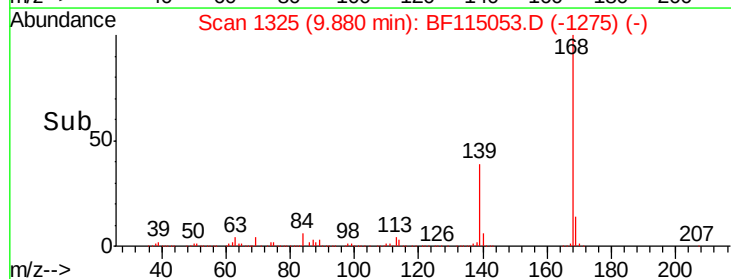
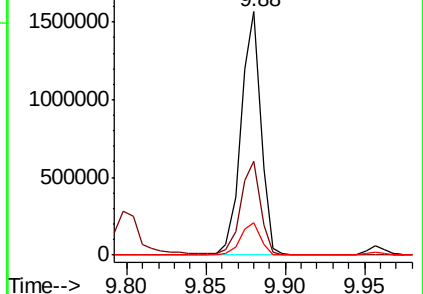


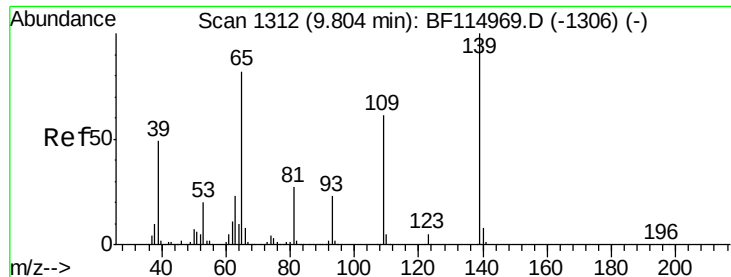
#55
Dibenzofuran
Concen: 33.135 ng
RT: 9.88 min Scan# 1325
Delta R.T. -0.01 min
Lab File: BF115053.D
Acq: 14 Jun 2019 21:18

Tgt Ion:168 Resp: 1353872
Ion Ratio Lower Upper
168 100
139 38.6 32.5 48.7
169 13.5 11.5 17.3



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

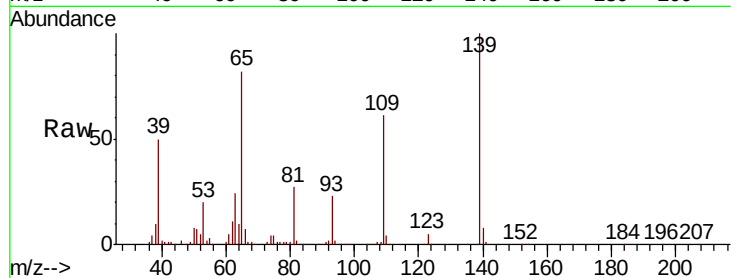




#56
4-Nitrophenol
Concen: 47.283 ng
RT: 9.80 min Scan# 1311
Delta R.T. -0.01 min
Lab File: BF115053.D
Acq: 14 Jun 2019 21:18

Instrument :
BNA_F
ClientSampleId :
BAT-B10MSD

Tot Ion	Ratio	Lower	Upper
139	100		
109	61.5	41.4	81.4
65	81.9	62.7	102.7

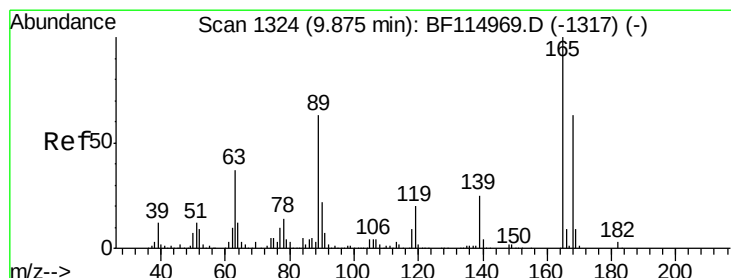
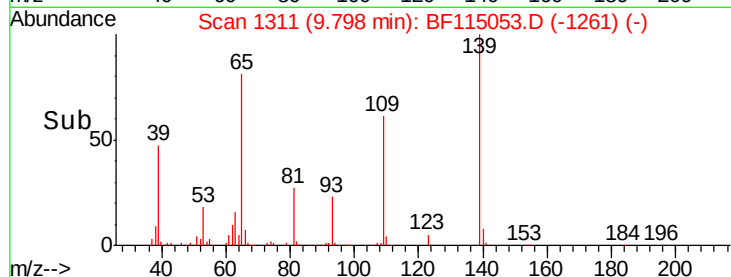
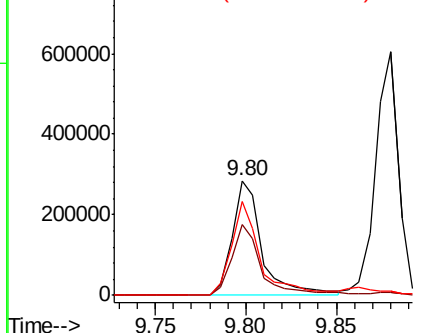


Abundance

Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1



#57
2,4-Dinitrotoluene
Concen: 32.830 ng
RT: 9.86 min Scan# 1322
Delta R.T. -0.01 min
Lab File: BF115053.D
Acq: 14 Jun 2019 21:18

Tgt Ion	Ratio	Lower	Upper
165	100		
63	38.8	29.4	44.2
89	65.9	50.6	75.8
182	2.7	2.2	3.2

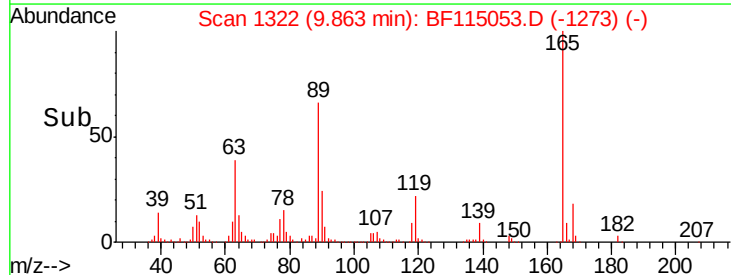
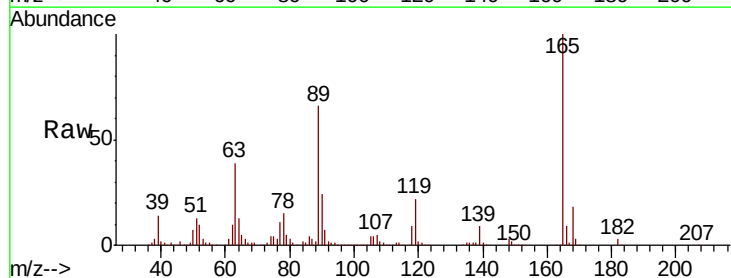
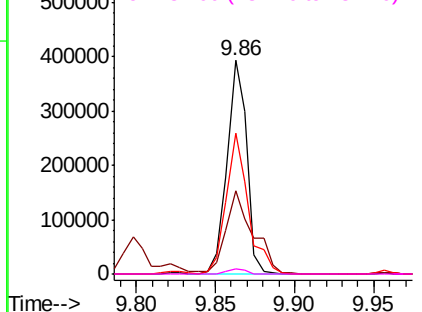
Abundance

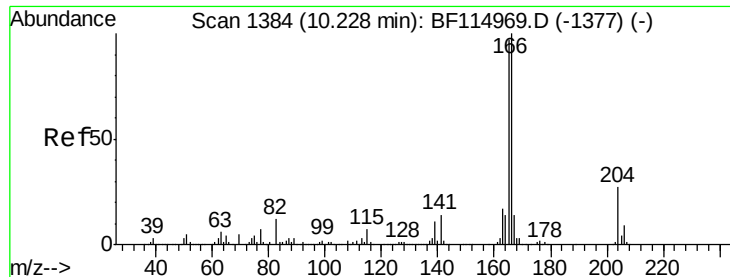
Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E





#58

Fluorene

Concen: 33.343 ng

RT: 10.22 min Scan# 1383

Delta R.T. -0.01 min

Lab File: BF115053.D

Acq: 14 Jun 2019 21:18

Instrument :

BNA_F

ClientSampleId :

BAT-B10MSD

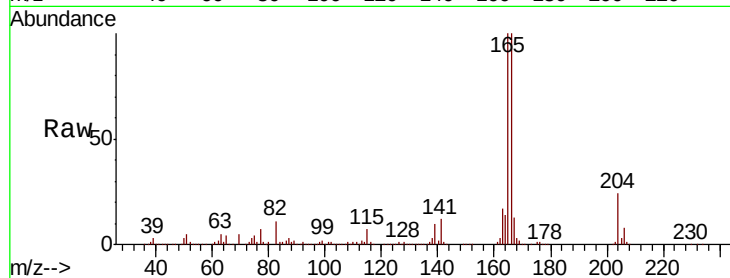
Tot Ion:166 Resp: 964659

Ion Ratio Lower Upper

166 100

165 99.7 77.6 116.4

167 13.3 11.0 16.4

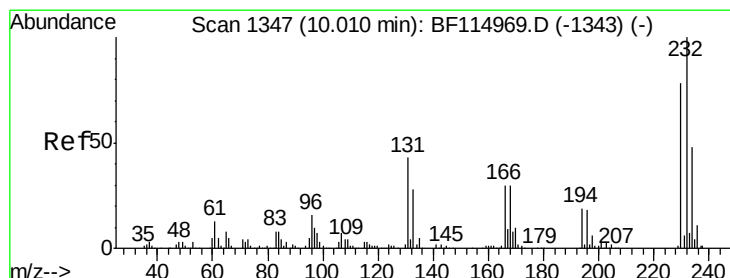
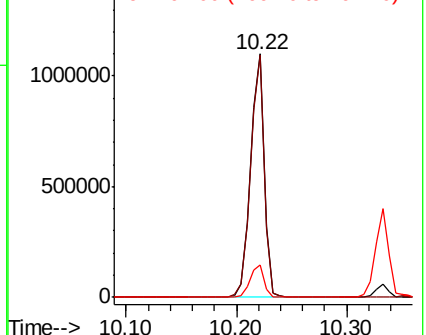
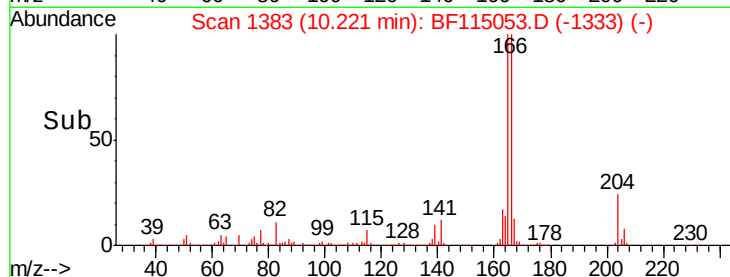


Abundance

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: 29.042 ng

RT: 10.00 min Scan# 1345

Delta R.T. -0.01 min

Lab File: BF115053.D

Acq: 14 Jun 2019 21:18

Tgt Ion:232 Resp: 248813

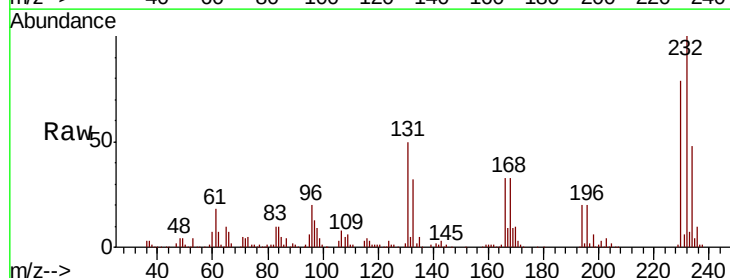
Ion Ratio Lower Upper

232 100

131 44.3 36.9 55.3

130 2.1 1.8 2.6

166 29.0 24.8 37.2



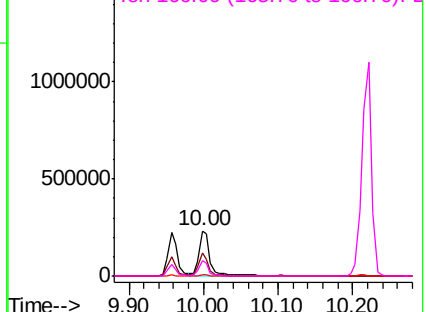
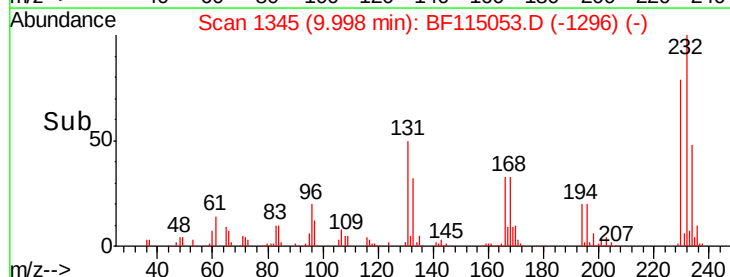
Abundance

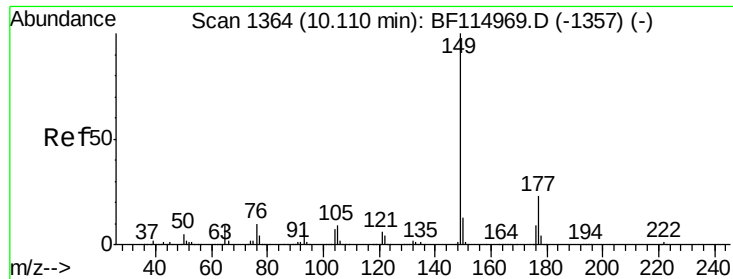
Ion 232.00 (231.70 to 232.70): E

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

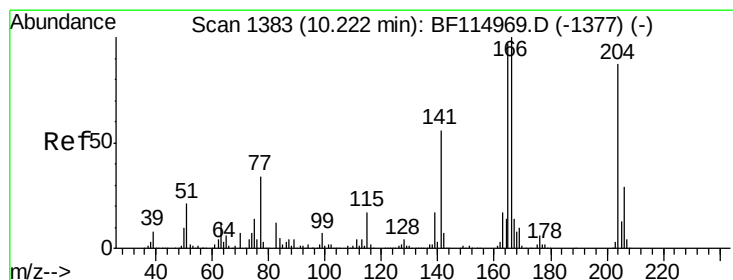
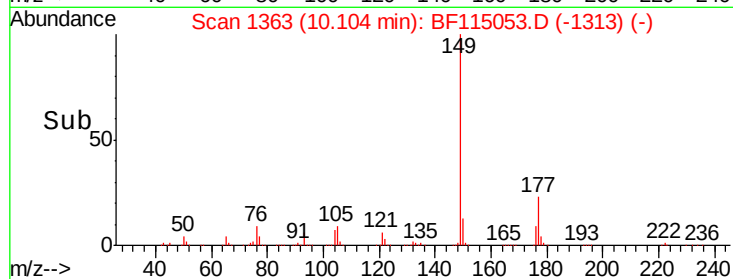
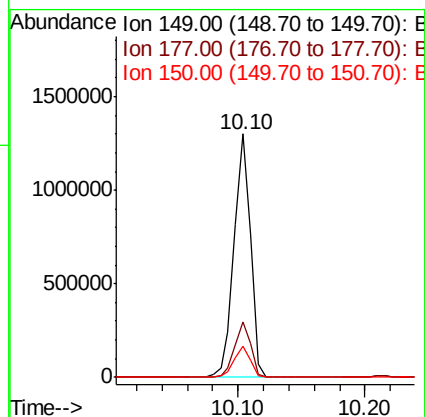
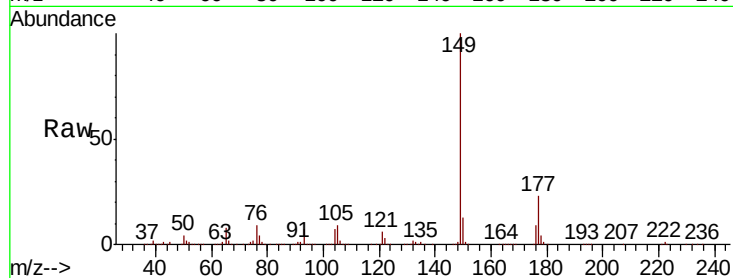




#60
Diethylphthalate
Concen: 33.769 ng
RT: 10.10 min Scan# 1363
Delta R.T. -0.01 min
Lab File: BF115053.D
Acq: 14 Jun 2019 21:18

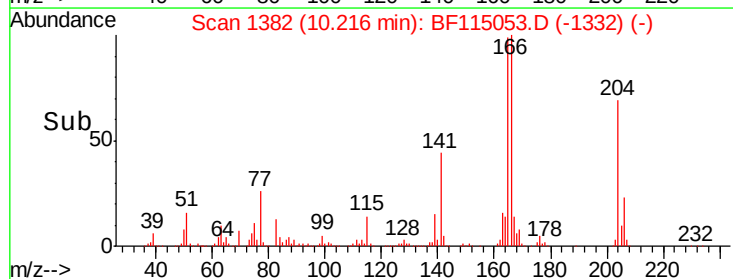
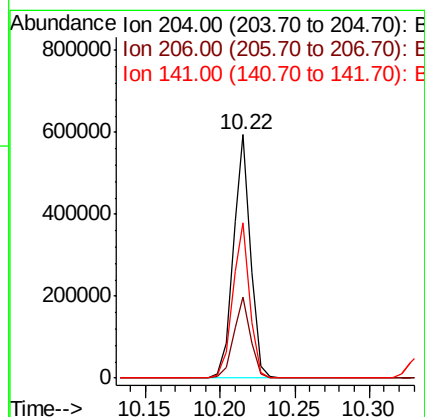
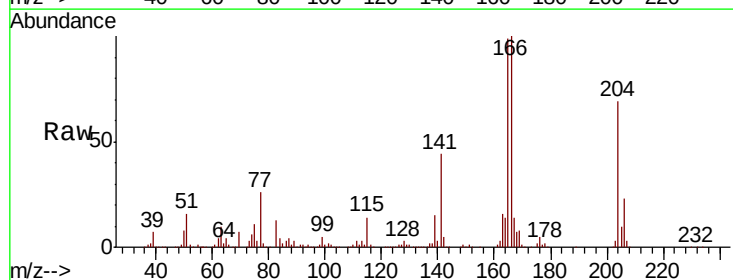
Instrument :
BNA_F
ClientSampleId :
BAT-B10MSD

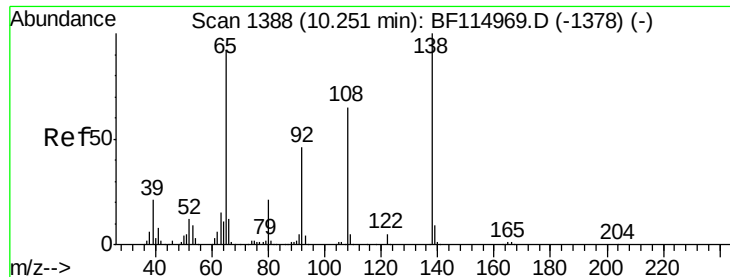
Tot Ion:149 Resp: 1154912
Ion Ratio Lower Upper
149 100
177 22.8 18.6 27.8
150 12.8 10.5 15.7



#61
4-Chlorophenyl-phenylether
Concen: 33.777 ng
RT: 10.22 min Scan# 1382
Delta R.T. -0.01 min
Lab File: BF115053.D
Acq: 14 Jun 2019 21:18

Tgt Ion:204 Resp: 481509
Ion Ratio Lower Upper
204 100
206 33.3 26.5 39.7
141 63.6 51.8 77.8

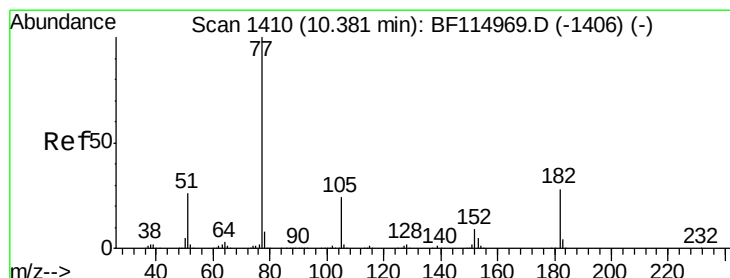
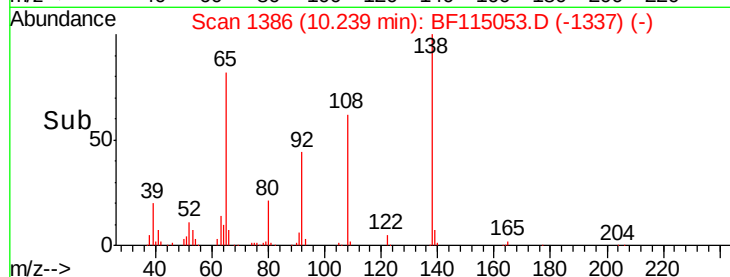
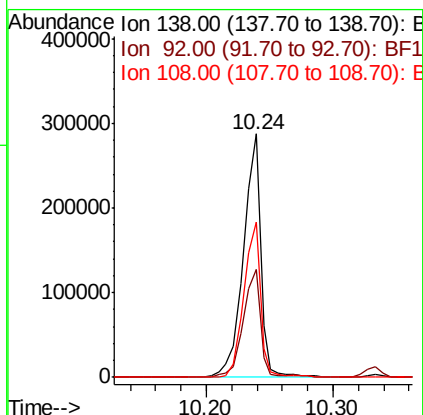
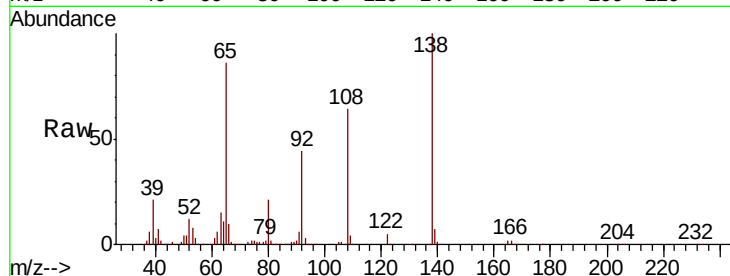




#62
4-Nitroaniline
Concen: 27.328 ng
RT: 10.24 min Scan# 1386
Delta R.T. -0.01 min
Lab File: BF115053.D
Acq: 14 Jun 2019 21:18

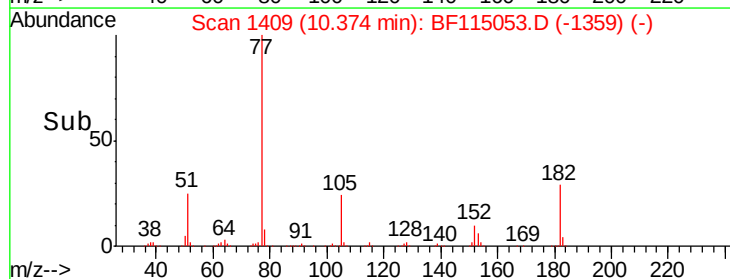
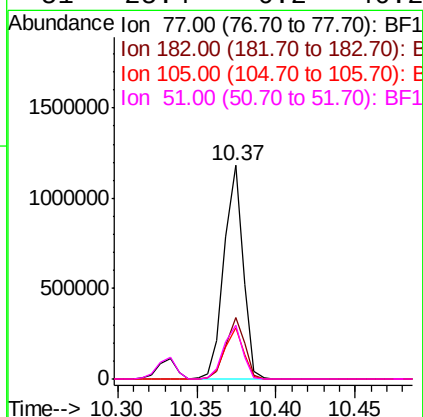
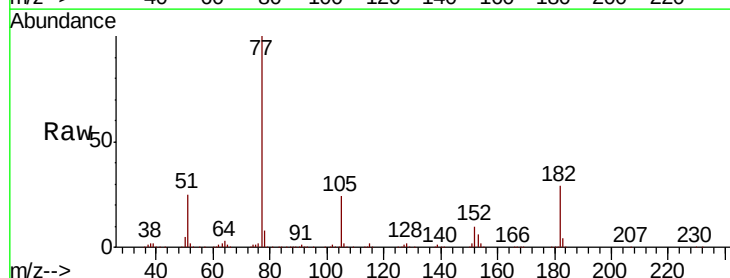
Instrument :
BNA_F
ClientSampleId :
BAT-B10MSD

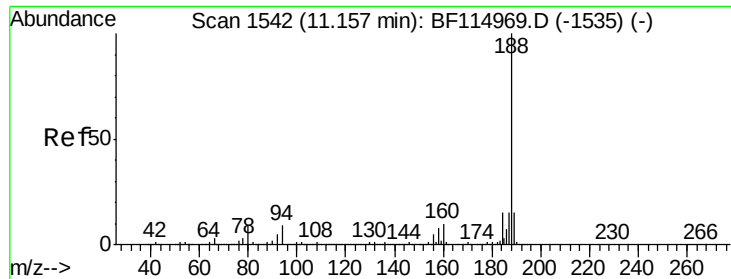
Tot Ion	Ratio	Lower	Upper
138	100		
92	44.3	25.7	65.7
108	63.6	44.6	84.6



#63
Azobenzene
Concen: 33.022 ng
RT: 10.37 min Scan# 1409
Delta R.T. -0.01 min
Lab File: BF115053.D
Acq: 14 Jun 2019 21:18

Tgt Ion	Ratio	Lower	Upper
77	100		
182	29.0	7.4	47.4
105	24.0	4.2	44.2
51	25.4	6.2	46.2





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.15 min Scan# 1541

Delta R.T. -0.01 min

Lab File: BF115053.D

Acq: 14 Jun 2019 21:18

Instrument :

BNA_F

ClientSampleId :

BAT-B10MSD

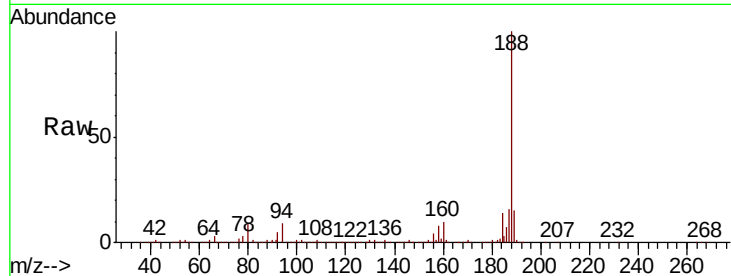
Tot Ion:188 Resp: 817678

Ion Ratio Lower Upper

188 100

94 8.7 7.2 10.8

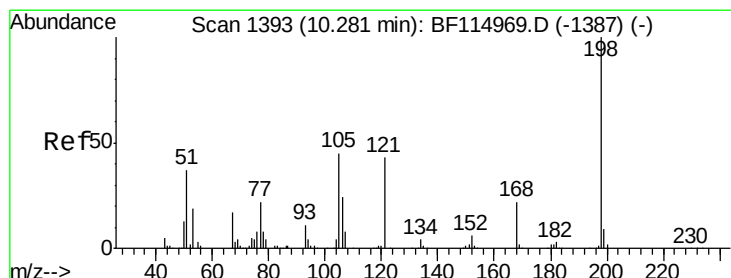
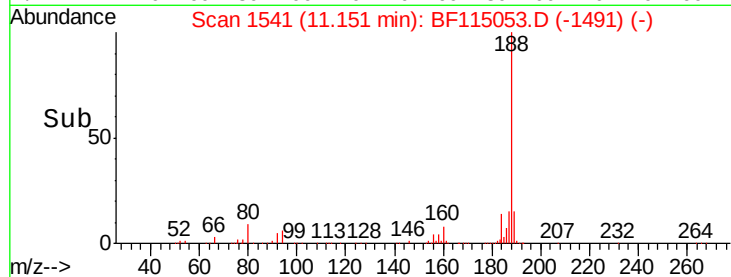
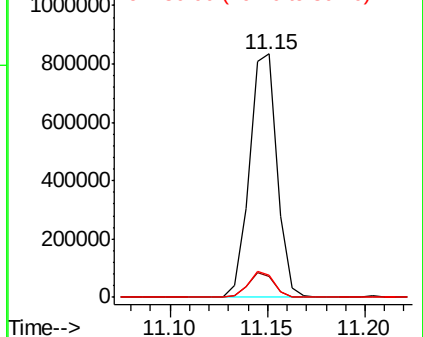
80 9.0 7.4 11.2



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1



#65

4,6-Dinitro-2-methylphenol

Concen: 13.280 ng

RT: 10.27 min Scan# 1392

Delta R.T. -0.01 min

Lab File: BF115053.D

Acq: 14 Jun 2019 21:18

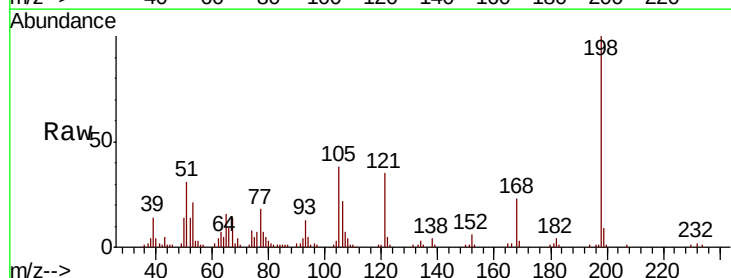
Tgt Ion:198 Resp: 60861

Ion Ratio Lower Upper

198 100

51 30.9 23.0 63.0

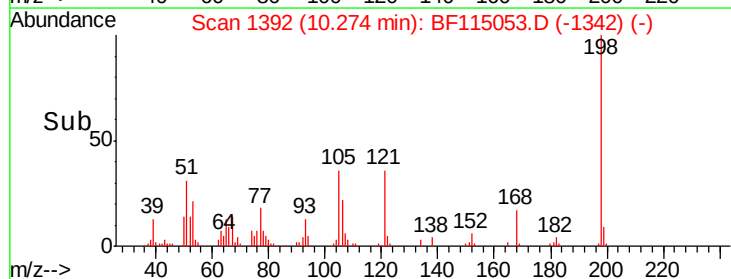
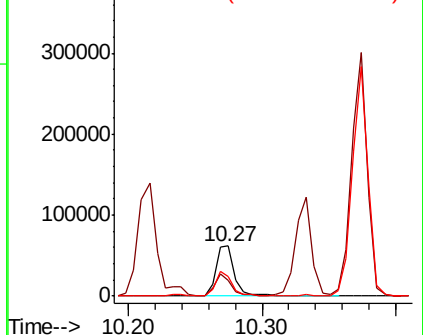
105 37.8 26.5 66.5

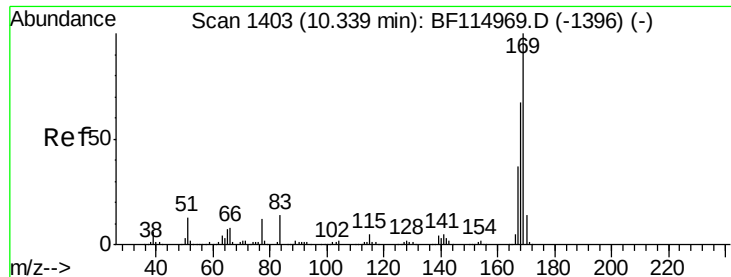


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E

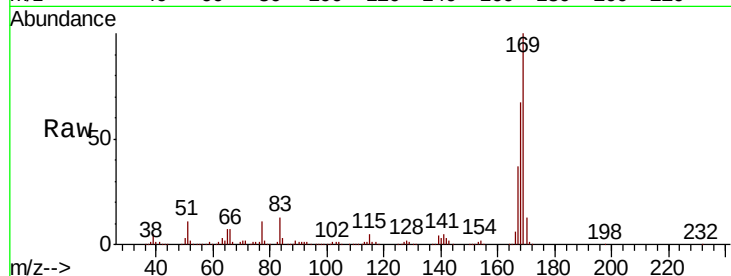




#66
 n-Nitrosodiphenylamine
 Concen: 37.145 ng
 RT: 10.33 min Scan# 1402
 Delta R.T. -0.01 min
 Lab File: BF115053.D
 Acq: 14 Jun 2019 21:18

Instrument :
 BNA_F
 ClientSampleId :
 BAT-B10MSD

Tot Ion	169	Resp	907879
Ion Ratio	100	Lower	Upper
168	67.1	53.6	80.4
167	37.1	29.6	44.4

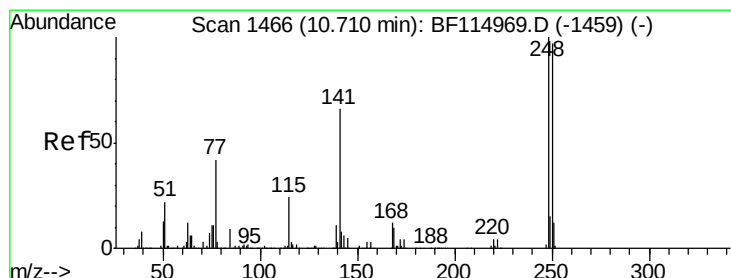
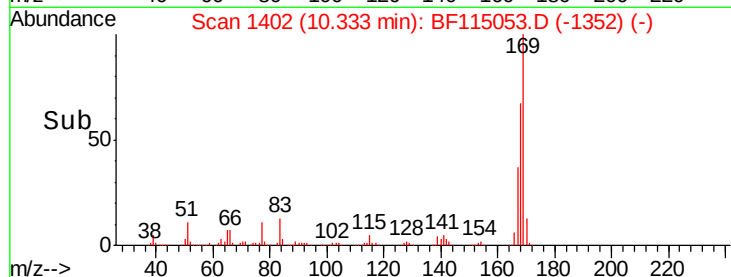
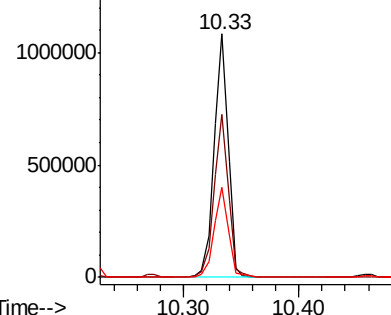


Abundance

Ion 169.00 (168.70 to 169.70): E

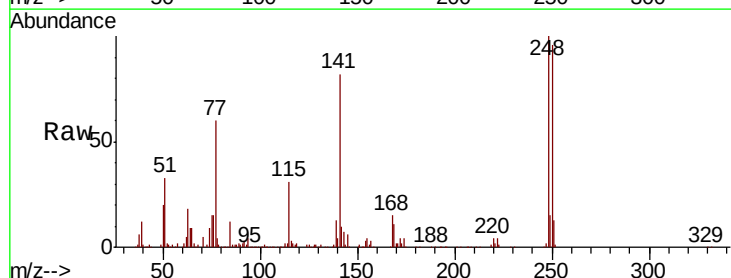
Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#67
 4-Bromophenyl-phenylether
 Concen: 35.422 ng
 RT: 10.70 min Scan# 1464
 Delta R.T. -0.01 min
 Lab File: BF115053.D
 Acq: 14 Jun 2019 21:18

Tgt Ion	248	Resp	310985
Ion Ratio	100	Lower	Upper
250	95.6	77.8	116.8
141	81.5	53.1	79.7#

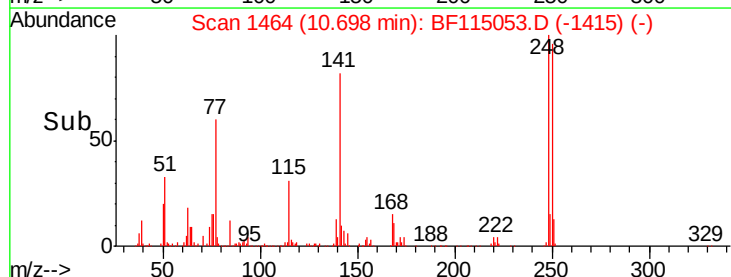
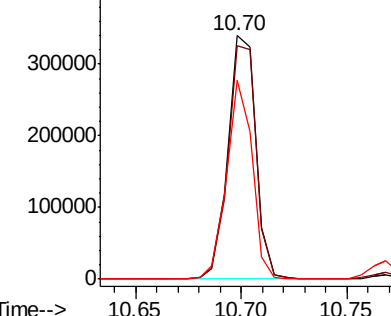


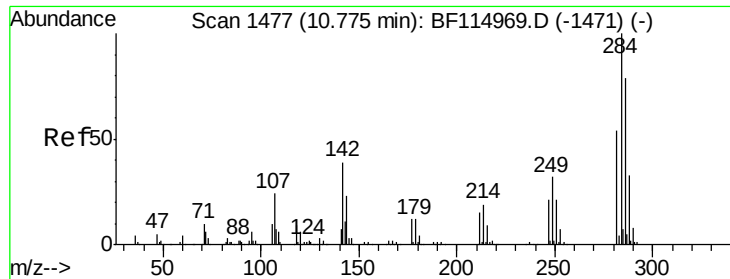
Abundance

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

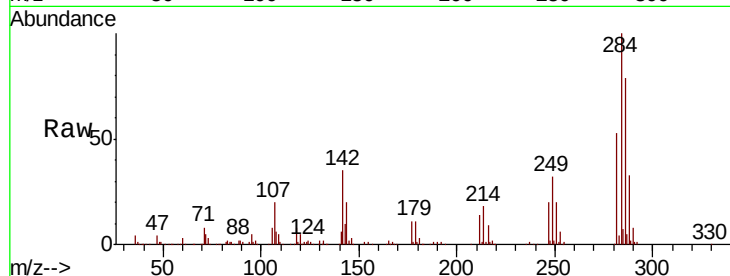




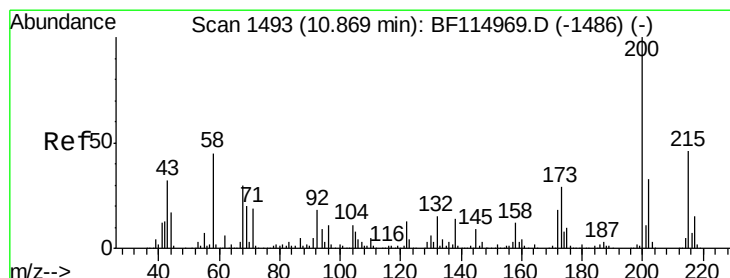
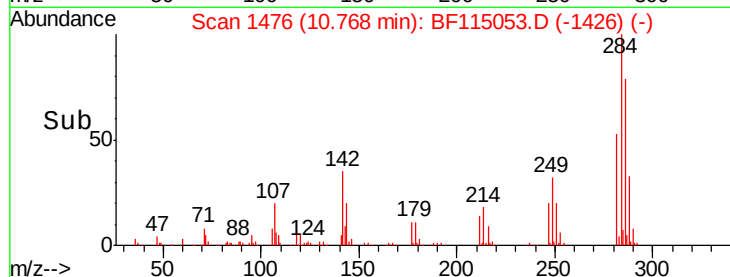
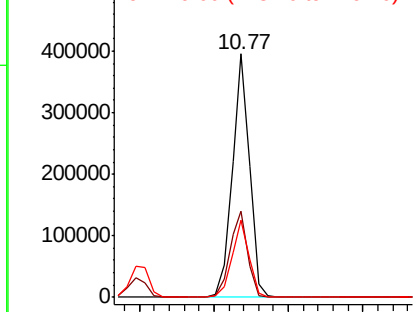
#68
Hexachlorobenzene
Concen: 33.506 ng
RT: 10.77 min Scan# 1476
Delta R.T. -0.01 min
Lab File: BF115053.D
Acq: 14 Jun 2019 21:18

Instrument :
BNA_F
ClientSampleId :
BAT-B10MSD

Tot Ion	Ratio	Lower	Upper
284	100		
142	35.2	31.5	47.3
249	31.8	25.6	38.4

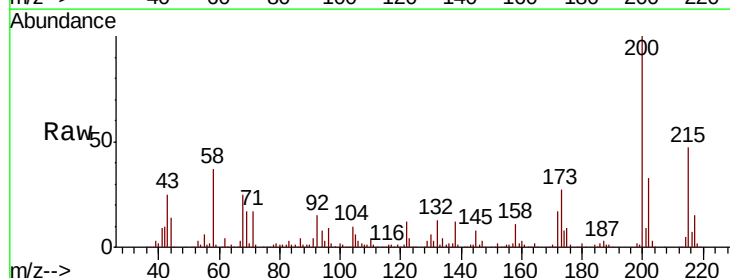


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

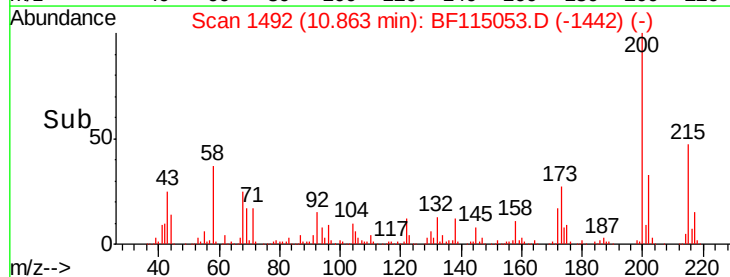
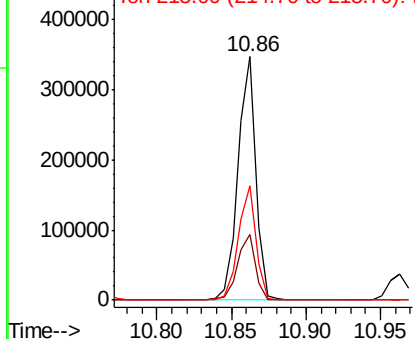


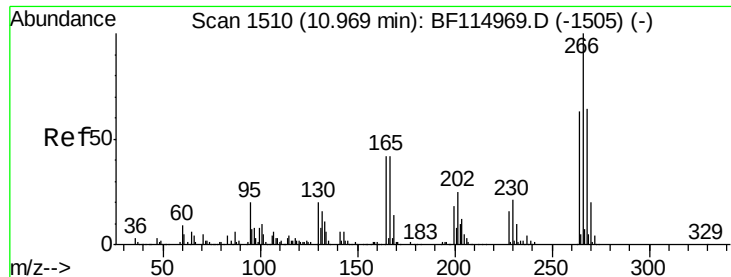
#69
Atrazine
Concen: 36.900 ng
RT: 10.86 min Scan# 1492
Delta R.T. -0.01 min
Lab File: BF115053.D
Acq: 14 Jun 2019 21:18

Tgt Ion	Ratio	Lower	Upper
200	100		
173	27.1	9.0	49.0
215	46.8	26.5	66.5



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

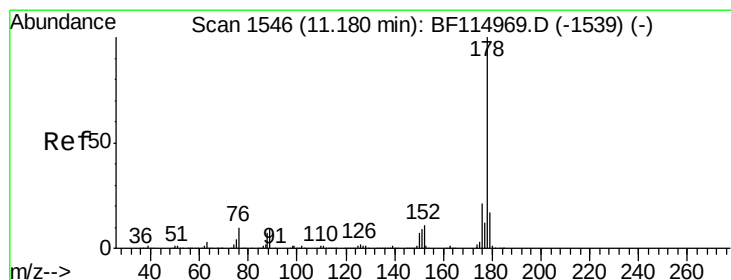
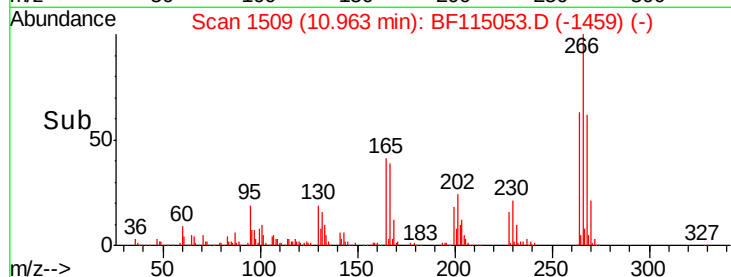
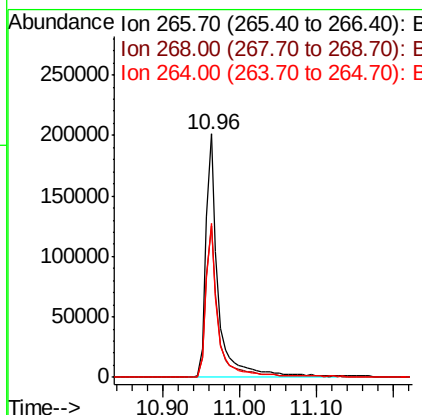
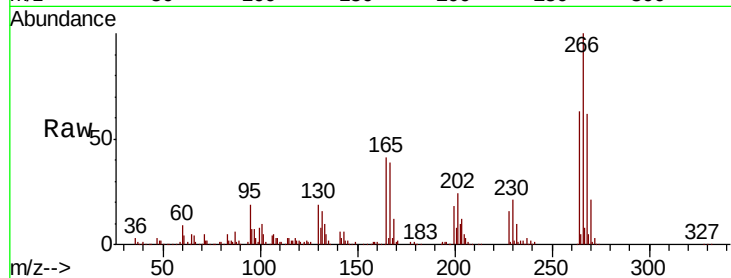




#70
 Pentachlorophenol
 Concen: 42.857 ng
 RT: 10.96 min Scan# 1509
 Delta R.T. -0.01 min
 Lab File: BF115053.D
 Acq: 14 Jun 2019 21:18

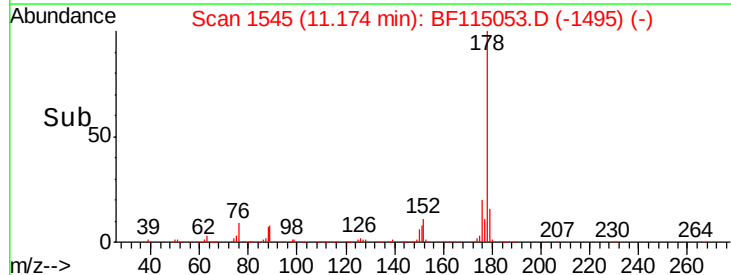
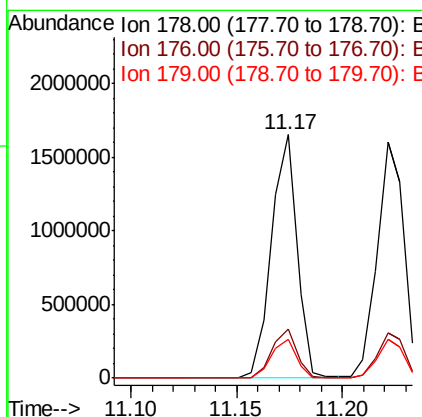
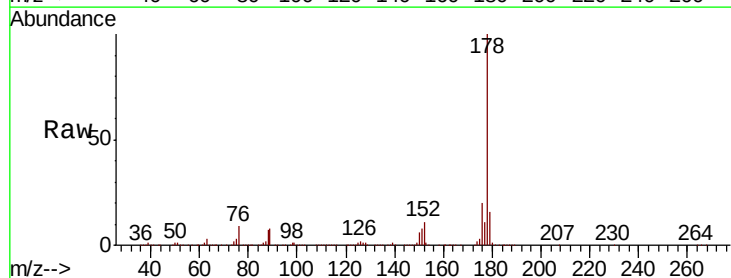
Instrument :
 BNA_F
 ClientSampleId :
 BAT-B10MSD

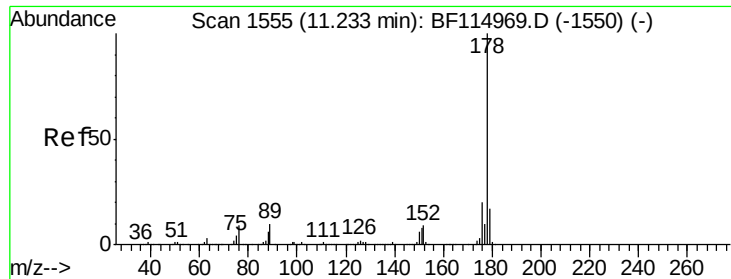
Tot Ion	Ratio	Lower	Upper
266	100		
268	62.4	51.4	77.2
264	63.1	50.3	75.5



#71
 Phenanthrene
 Concen: 33.152 ng
 RT: 11.17 min Scan# 1545
 Delta R.T. -0.01 min
 Lab File: BF115053.D
 Acq: 14 Jun 2019 21:18

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.3	16.9	25.3
179	15.9	13.4	20.0





#72

Anthracene

Concen: 34.009 ng

RT: 11.22 min Scan# 1553

Delta R.T. -0.01 min

Lab File: BF115053.D

Acq: 14 Jun 2019 21:18

Instrument :

BNA_F

ClientSampleId :

BAT-B10MSD

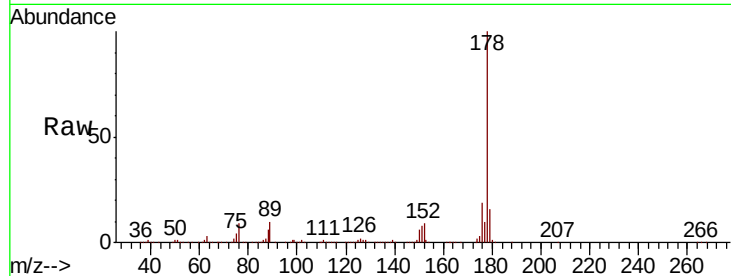
Tot Ion:178 Resp: 1448459

Ion Ratio Lower Upper

178 100

176 19.3 16.2 24.4

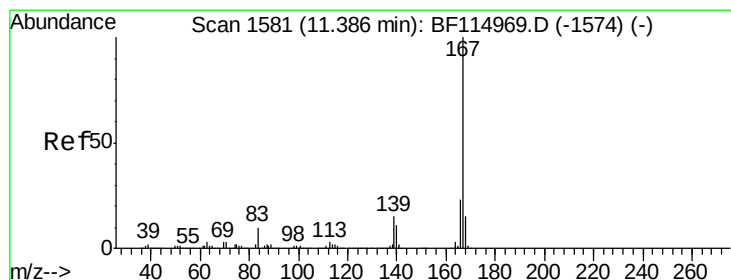
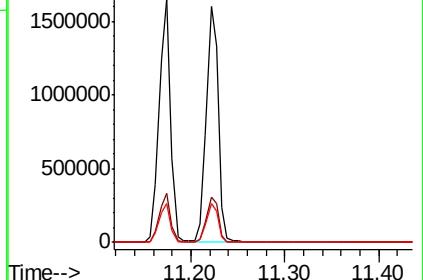
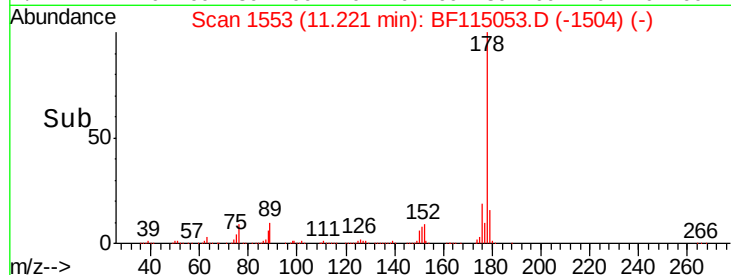
179 16.3 13.2 19.8



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: 33.982 ng

RT: 11.38 min Scan# 1580

Delta R.T. -0.01 min

Lab File: BF115053.D

Acq: 14 Jun 2019 21:18

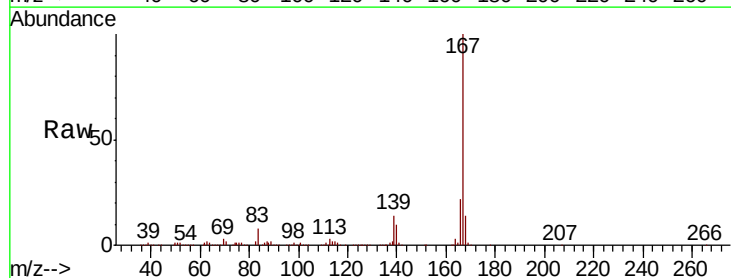
Tgt Ion:167 Resp: 1263263

Ion Ratio Lower Upper

167 100

166 21.8 18.5 27.7

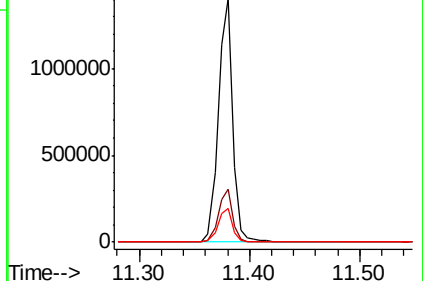
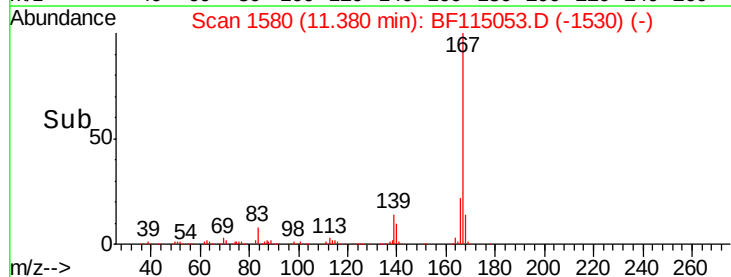
139 13.7 12.0 18.0

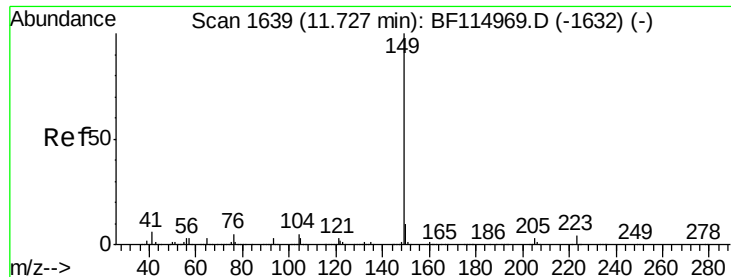


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#74

Di-n-butylphthalate

Concen: 35.907 ng

RT: 11.72 min Scan# 1638

Delta R.T. -0.01 min

Lab File: BF115053.D

Acq: 14 Jun 2019 21:18

Instrument :

BNA_F

ClientSampleId :

BAT-B10MSD

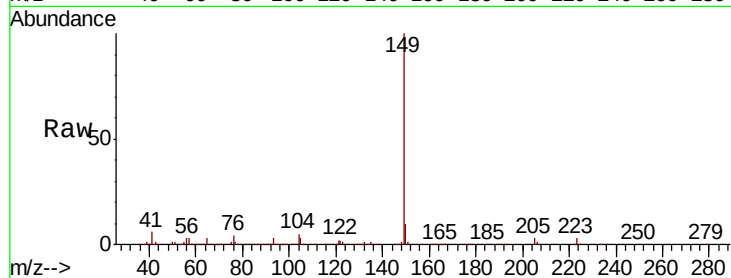
Tot Ion:149 Resp: 1682805

Ion Ratio Lower Upper

149 100

150 9.8 8.1 12.1

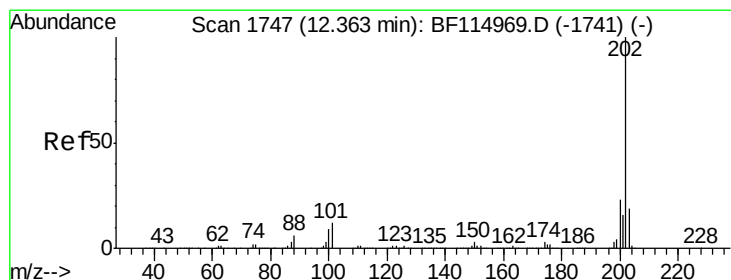
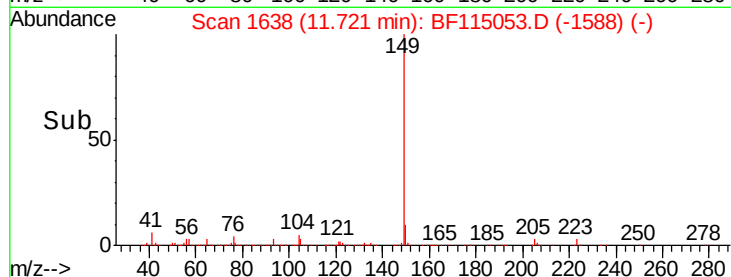
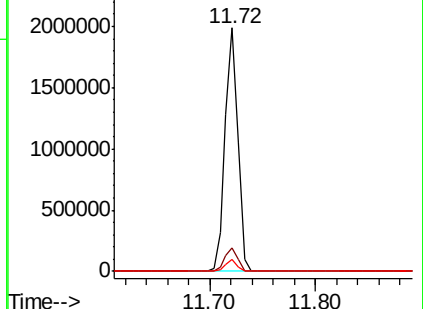
104 4.8 4.0 6.0



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: 30.593 ng

RT: 12.35 min Scan# 1745

Delta R.T. -0.01 min

Lab File: BF115053.D

Acq: 14 Jun 2019 21:18

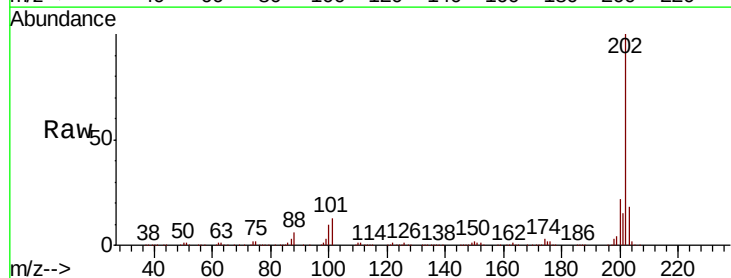
Tgt Ion:202 Resp: 1320680

Ion Ratio Lower Upper

202 100

101 13.1 0.0 32.4

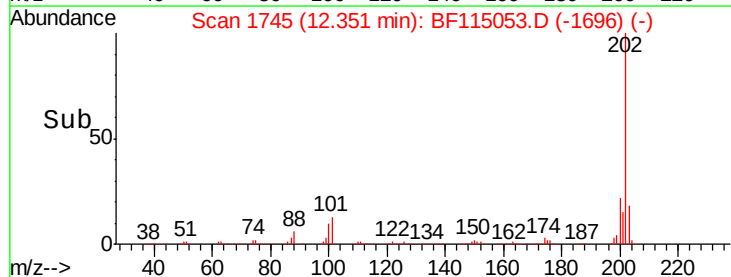
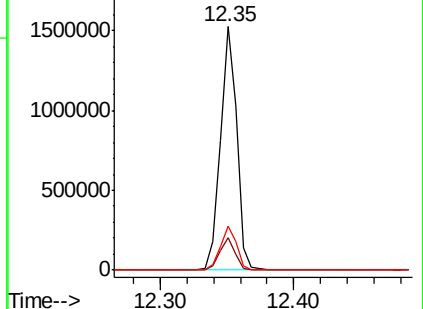
203 18.0 0.0 38.6

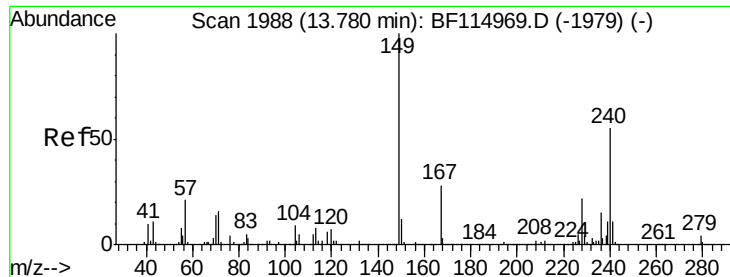


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

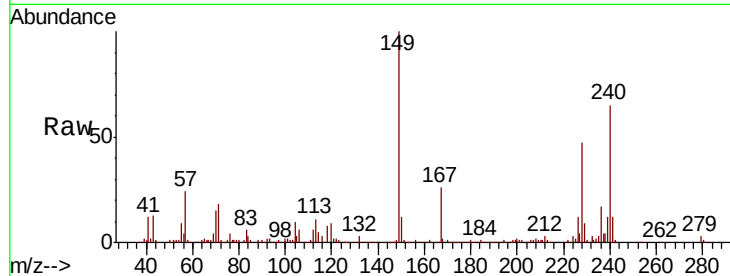




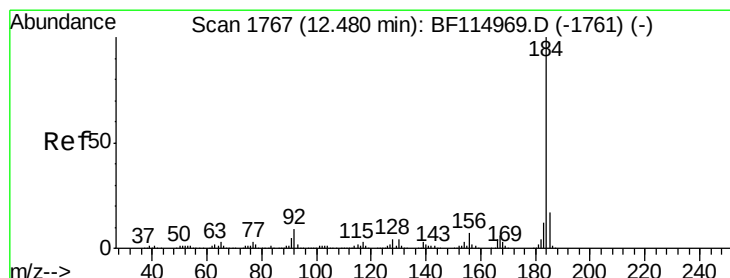
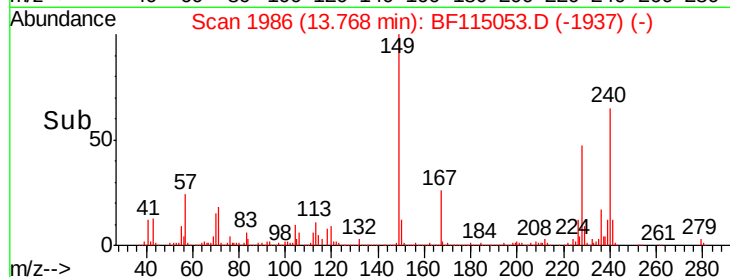
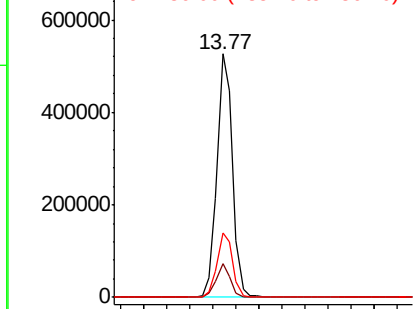
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.77 min Scan# 1986
 Delta R.T. -0.01 min
 Lab File: BF115053.D
 Acq: 14 Jun 2019 21:18

Instrument :
 BNA_F
 ClientSampleId :
 BAT-B10MSD

Tot Ion:240 Resp: 489102
 Ion Ratio Lower Upper
 240 100
 120 13.6 10.0 15.0
 236 26.5 21.6 32.4

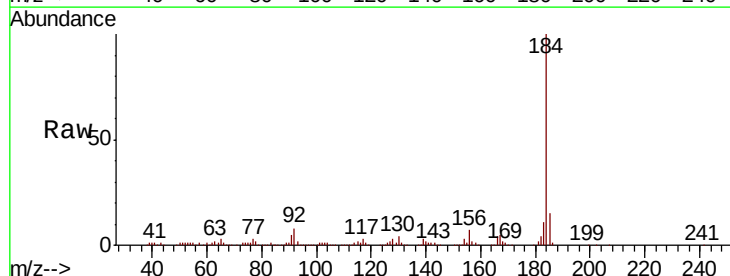


Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E

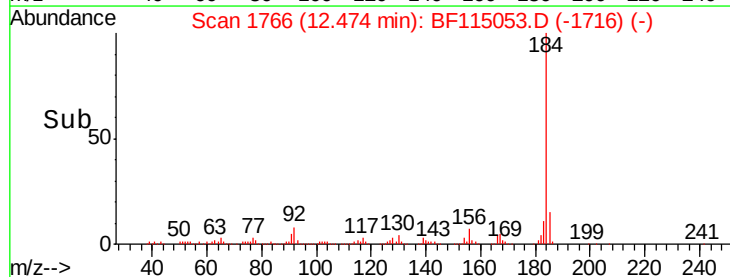
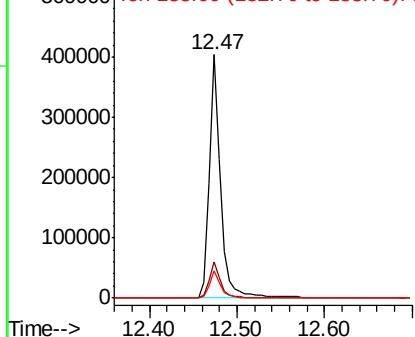


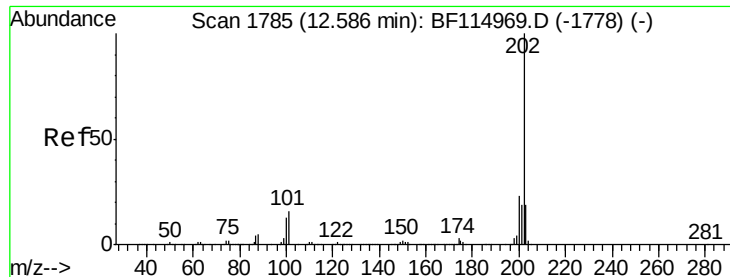
#77
 Benzidine
 Concen: 18.469 ng
 RT: 12.47 min Scan# 1766
 Delta R.T. -0.01 min
 Lab File: BF115053.D
 Acq: 14 Jun 2019 21:18

Tgt Ion:184 Resp: 365367
 Ion Ratio Lower Upper
 184 100
 185 15.0 13.4 20.0
 183 11.3 9.8 14.6



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

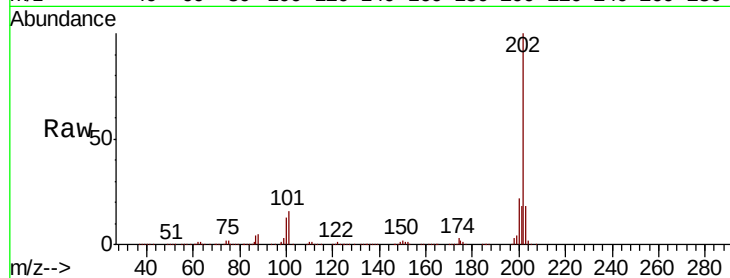




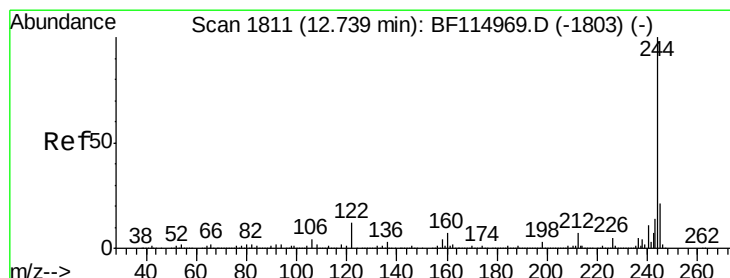
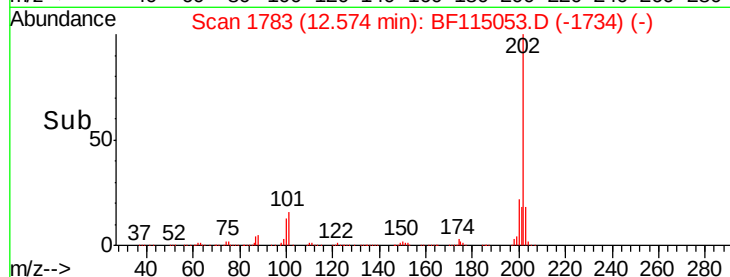
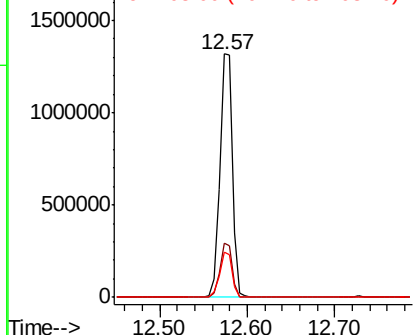
#78
Pvrene
Concen: 29.604 ng
RT: 12.57 min Scan# 1783
Delta R.T. -0.01 min
Lab File: BF115053.D
Acq: 14 Jun 2019 21:18

Instrument :
BNA_F
ClientSampleId :
BAT-B10MSD

Tot Ion:202 Resp: 1319064
Ion Ratio Lower Upper
202 100
200 22.3 18.4 27.6
203 18.5 14.9 22.3

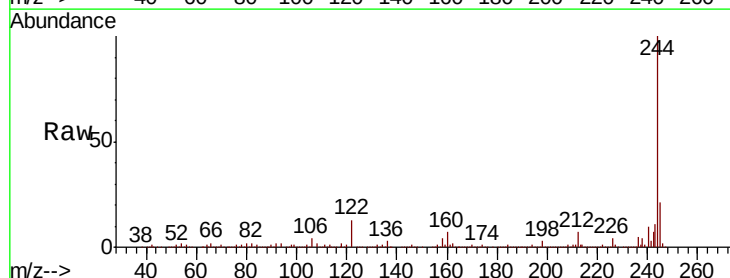


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

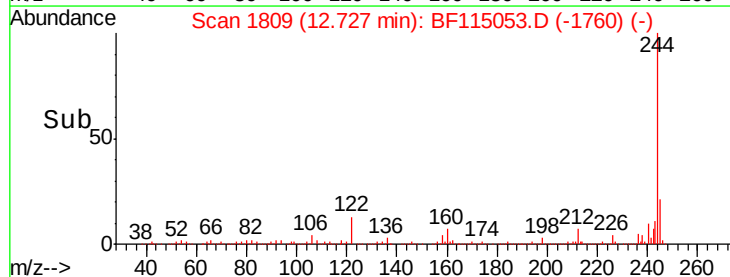
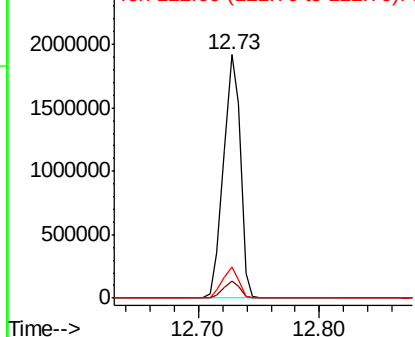


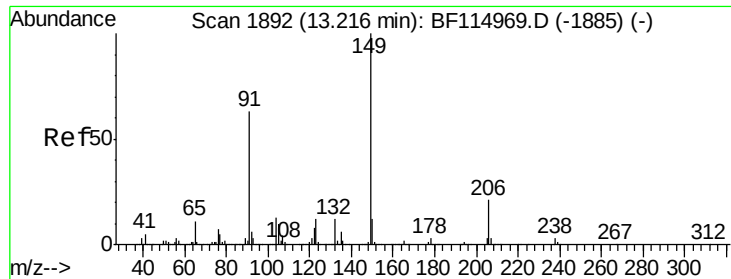
#79
Terphenyl-d14
Concen: 71.492 ng
RT: 12.73 min Scan# 1809
Delta R.T. -0.01 min
Lab File: BF115053.D
Acq: 14 Jun 2019 21:18

Tgt Ion:244 Resp: 1859070
Ion Ratio Lower Upper
244 100
212 7.1 5.8 8.8
122 12.7 9.4 14.0



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

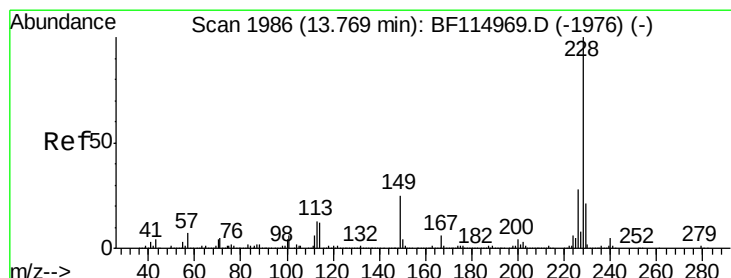
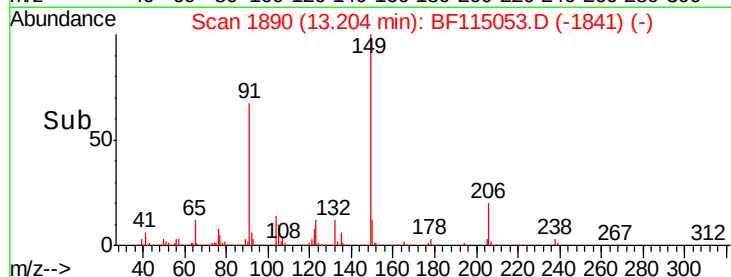
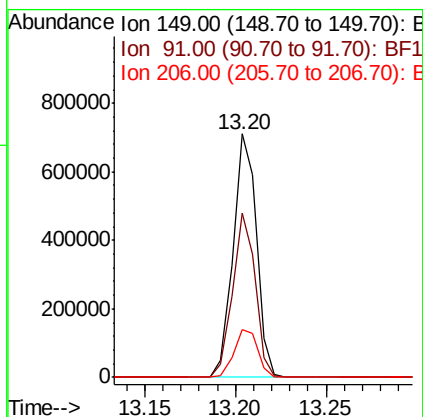
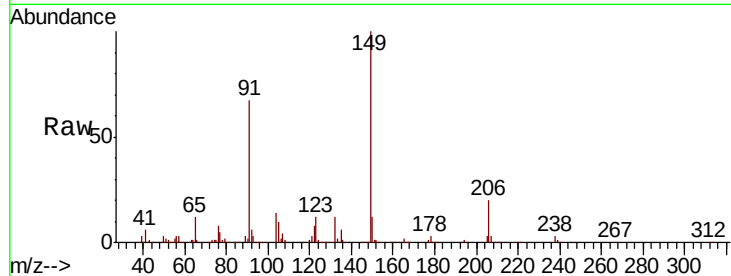




#80
Butylbenzylphthalate
Concen: 30.625 ng
RT: 13.20 min Scan# 1890
Delta R.T. -0.01 min
Lab File: BF115053.D
Acq: 14 Jun 2019 21:18

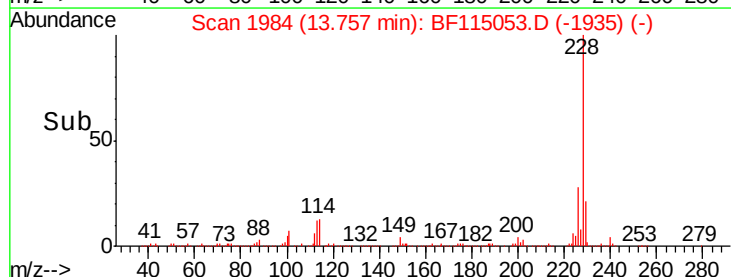
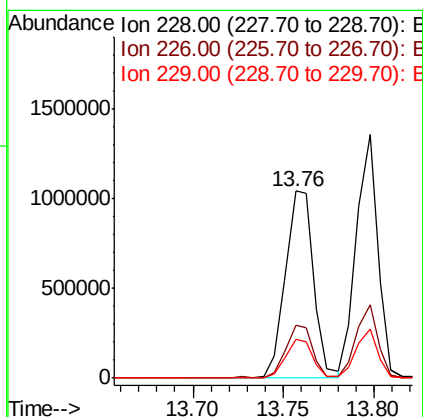
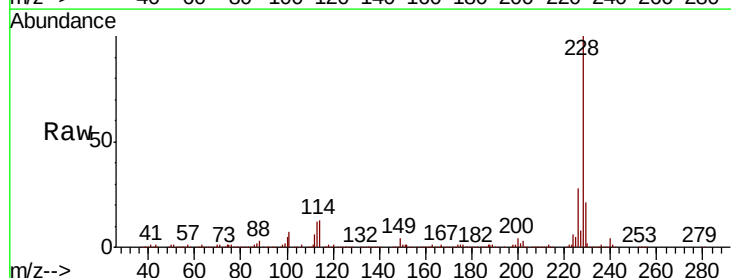
Instrument :
BNA_F
ClientSampleId :
BAT-B10MSD

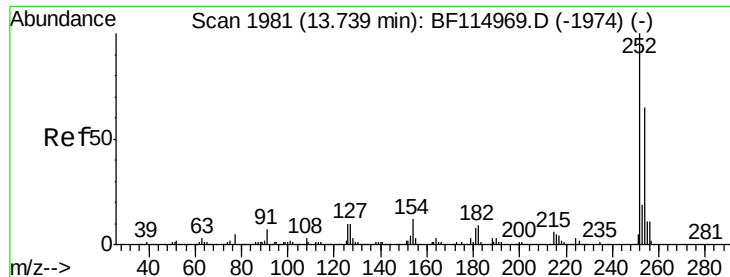
Tot Ion:149 Resp: 637333
Ion Ratio Lower Upper
149 100
91 67.4 50.6 76.0
206 19.5 16.7 25.1



#81
Benzo(a)anthracene
Concen: 31.037 ng
RT: 13.76 min Scan# 1984
Delta R.T. -0.01 min
Lab File: BF115053.D
Acq: 14 Jun 2019 21:18

Tgt Ion:228 Resp: 1135985
Ion Ratio Lower Upper
228 100
226 28.0 22.0 33.0
229 20.9 16.6 25.0

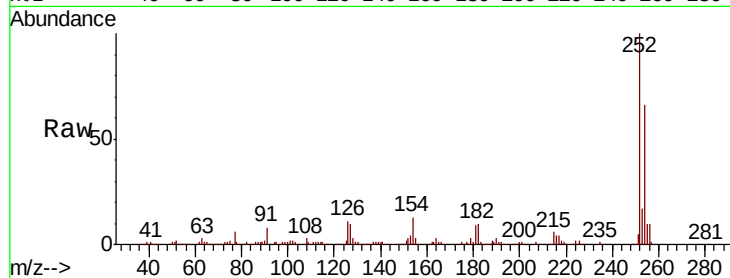




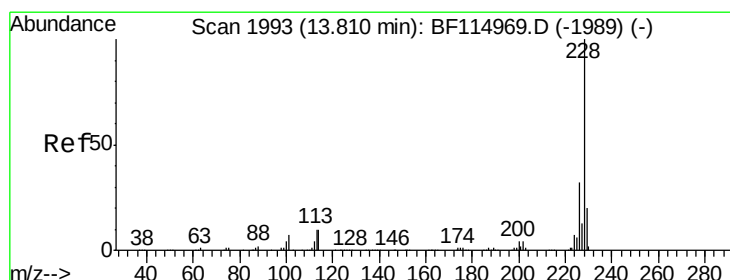
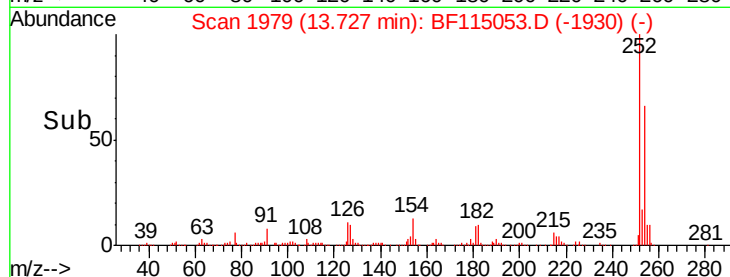
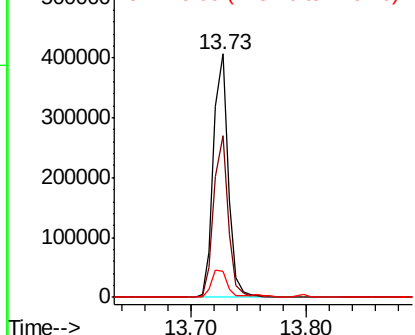
#82
 3,3'-Dichlorobenzidine
 Concen: 25.970 ng
 RT: 13.73 min Scan# 1979
 Delta R.T. -0.01 min
 Lab File: BF115053.D
 Acq: 14 Jun 2019 21:18

Instrument :
 BNA_F
 ClientSampleId :
 BAT-B10MSD

Tot Ion:252 Resp: 364419
 Ion Ratio Lower Upper
 252 100
 254 66.4 52.2 78.4
 126 10.9 8.0 12.0

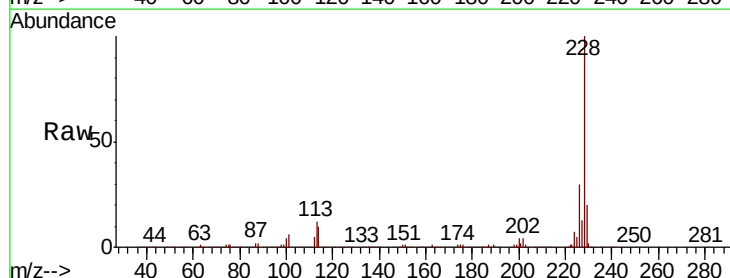


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

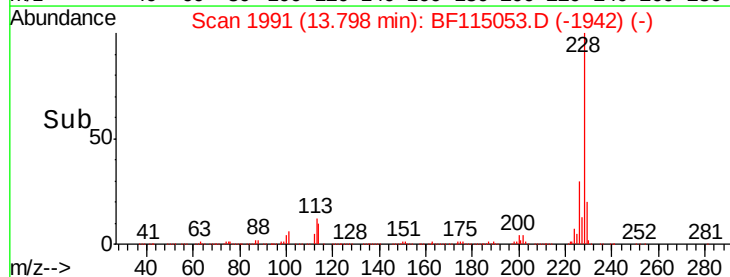
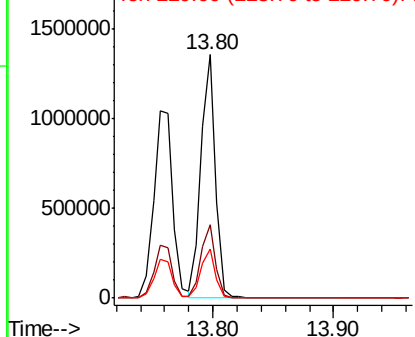


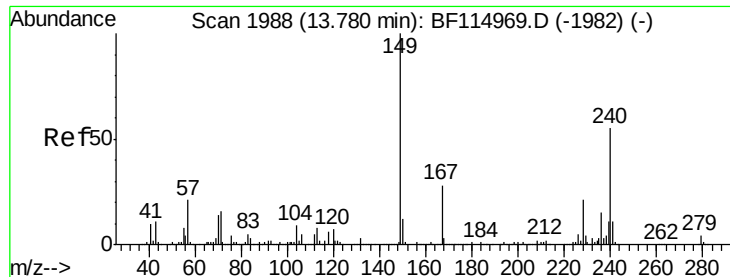
#83
 Chrysene
 Concen: 31.350 ng
 RT: 13.80 min Scan# 1991
 Delta R.T. -0.01 min
 Lab File: BF115053.D
 Acq: 14 Jun 2019 21:18

Tgt Ion:228 Resp: 1140997
 Ion Ratio Lower Upper
 228 100
 226 30.0 25.4 38.0
 229 20.0 16.4 24.6



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: 34.653 ng

RT: 13.77 min Scan# 1987

Delta R.T. -0.01 min

Lab File: BF115053.D

Acq: 14 Jun 2019 21:18

Instrument :

BNA_F

ClientSampleId :

BAT-B10MSD

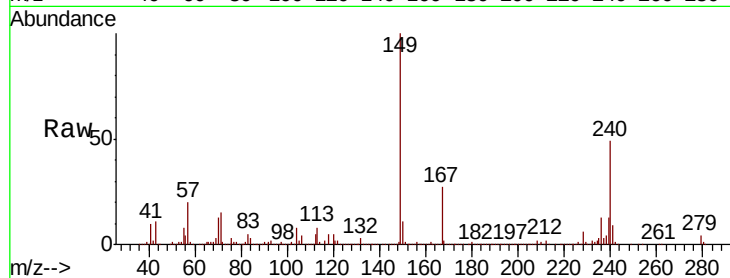
Tot Ion:149 Resp: 852354

Ion Ratio Lower Upper

149 100

167 27.3 22.2 33.4

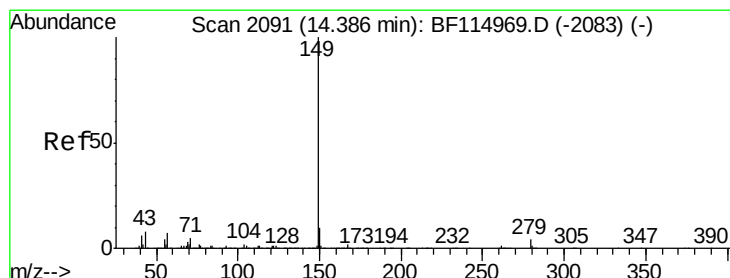
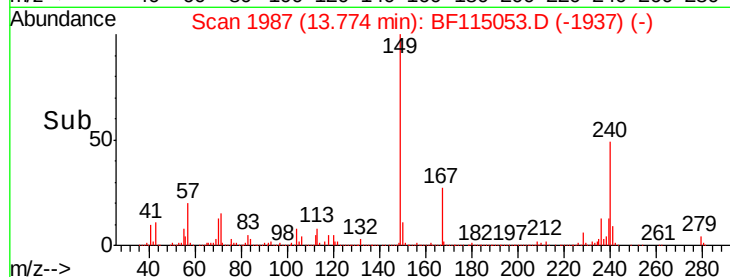
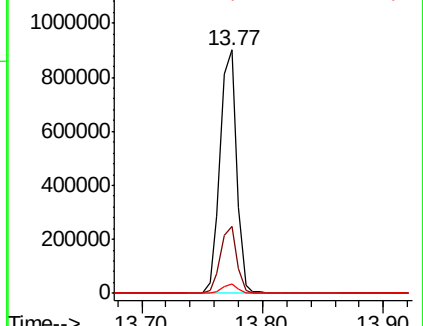
279 4.1 3.4 5.0



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: 33.940 ng

RT: 14.38 min Scan# 2090

Delta R.T. -0.01 min

Lab File: BF115053.D

Acq: 14 Jun 2019 21:18

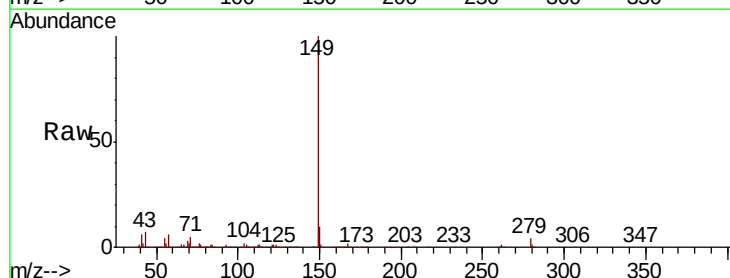
Tgt Ion:149 Resp: 1437572

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

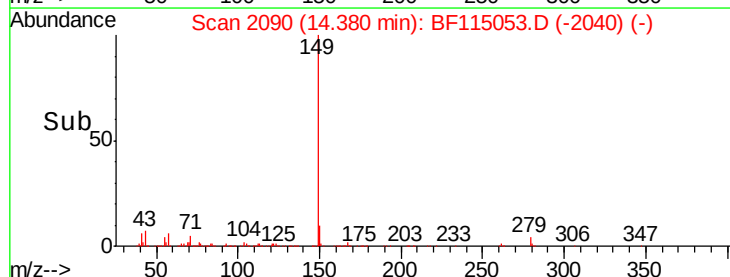
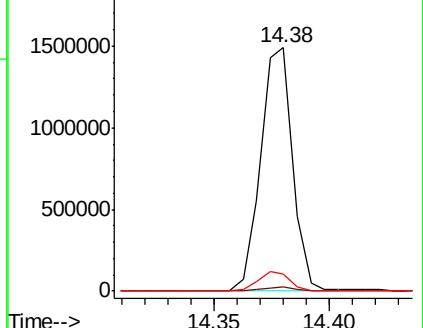
43 7.8 6.5 9.7

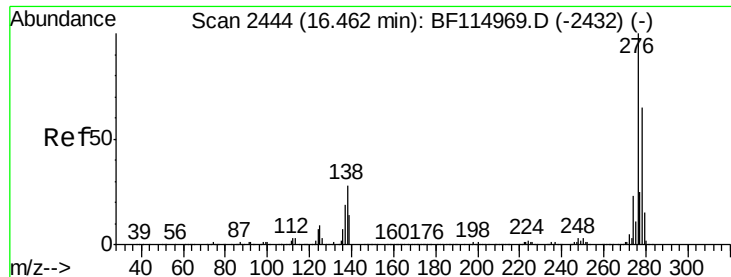


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1

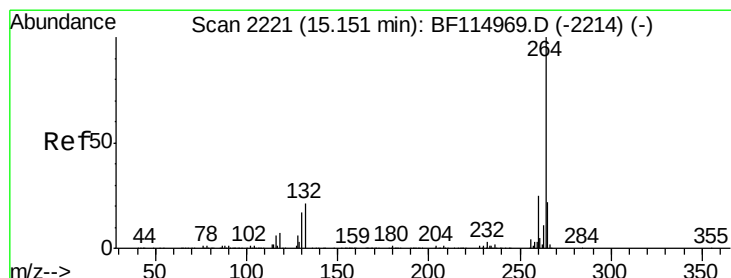
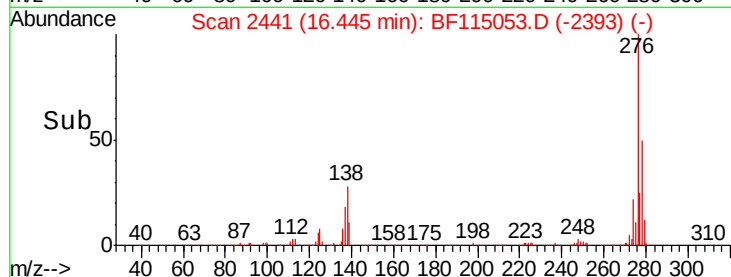
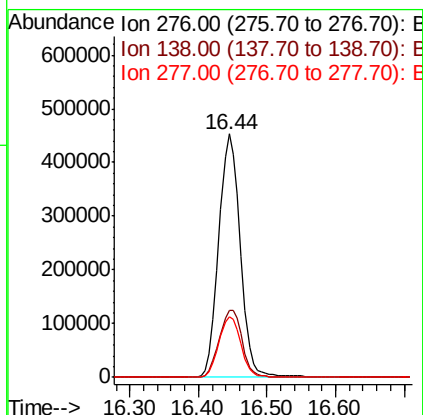
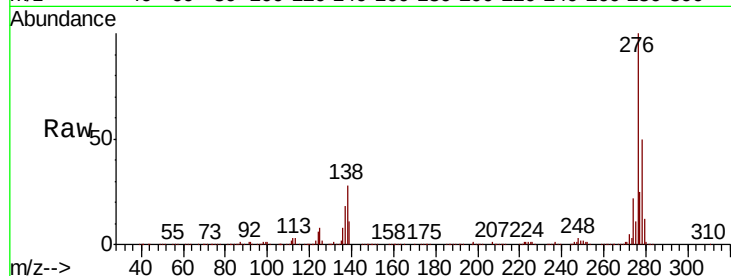




#86
Indeno(1,2,3-cd)pyrene
Concen: 30.957 ng
RT: 16.44 min Scan# 2441
Delta R.T. -0.02 min
Lab File: BF115053.D
Acq: 14 Jun 2019 21:18

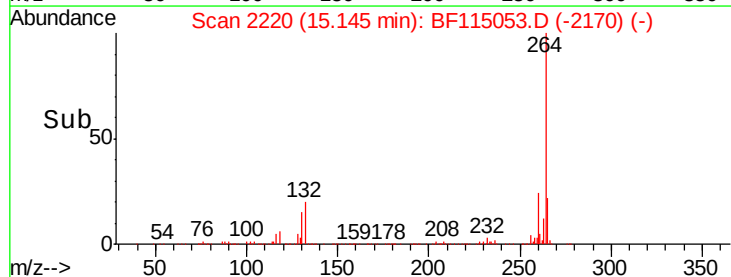
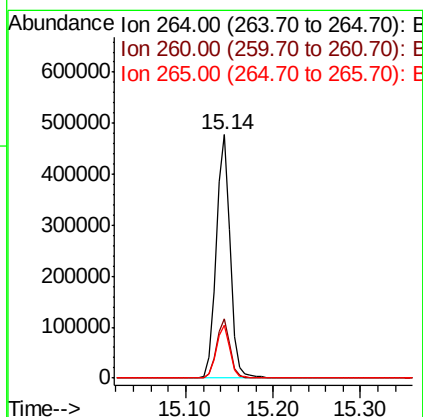
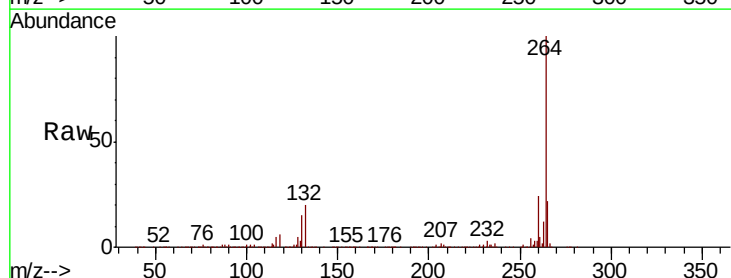
Instrument :
BNA_F
ClientSampleId :
BAT-B10MSD

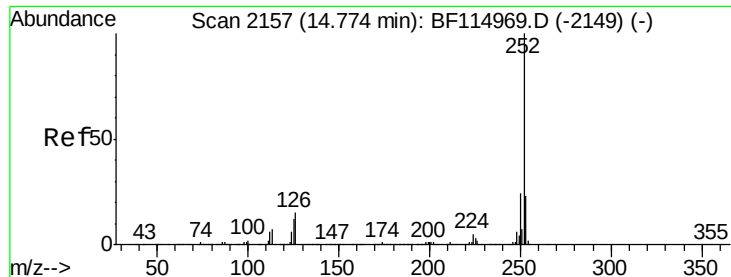
Tot Ion:276 Resp: 989714
Ion Ratio Lower Upper
276 100
138 29.5 23.0 34.4
277 25.6 20.6 30.8



#87
Perylene-d12
Concen: 20.000 ng
RT: 15.14 min Scan# 2220
Delta R.T. -0.01 min
Lab File: BF115053.D
Acq: 14 Jun 2019 21:18

Tgt Ion:264 Resp: 530794
Ion Ratio Lower Upper
264 100
260 24.2 19.9 29.9
265 21.5 17.6 26.4

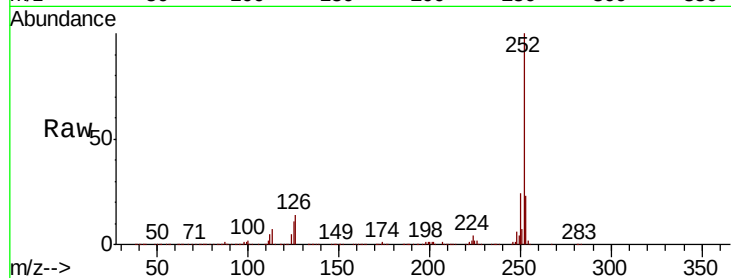




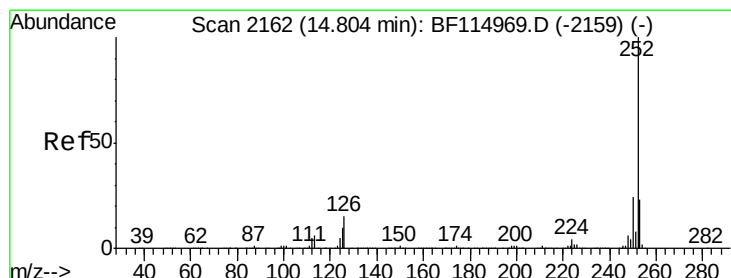
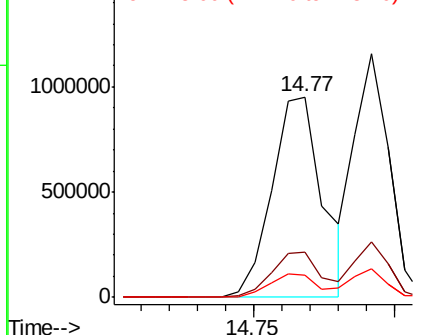
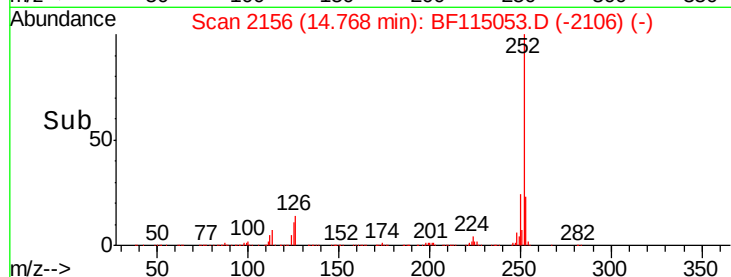
#88
Benzo(b)fluoranthene
Concen: 33.673 ng
RT: 14.77 min Scan# 2156
Delta R.T. -0.01 min
Lab File: BF115053.D
Acq: 14 Jun 2019 21:18

Instrument :
BNA_F
ClientSampleId :
BAT-B10MSD

Tot Ion:252 Resp: 1188175
Ion Ratio Lower Upper
252 100
253 22.6 18.1 27.1
125 10.7 9.4 14.0

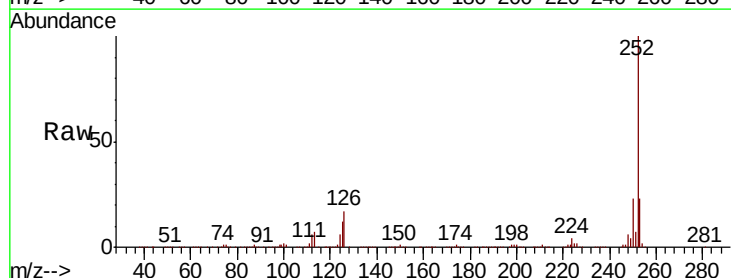


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

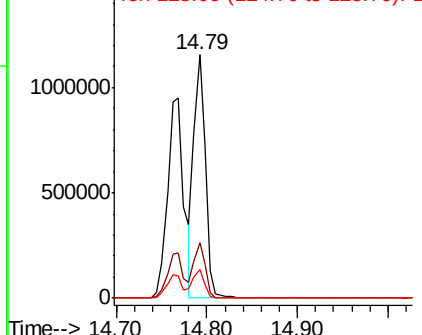
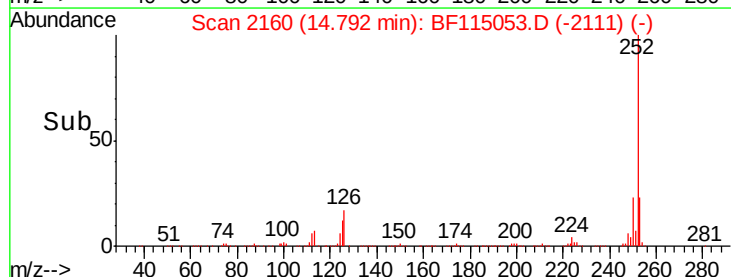


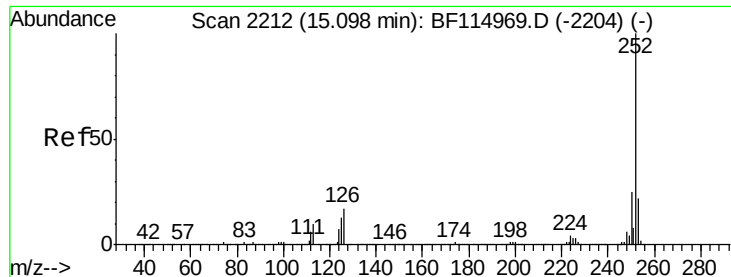
#89
Benzo(k)fluoranthene
Concen: 32.467 ng
RT: 14.79 min Scan# 2160
Delta R.T. -0.01 min
Lab File: BF115053.D
Acq: 14 Jun 2019 21:18

Tgt Ion:252 Resp: 1005533
Ion Ratio Lower Upper
252 100
253 22.6 18.0 27.0
125 11.5 8.2 12.4



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

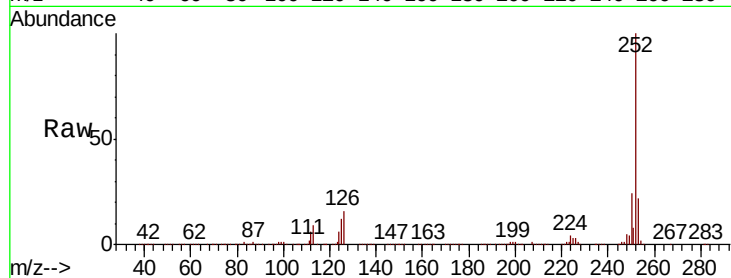




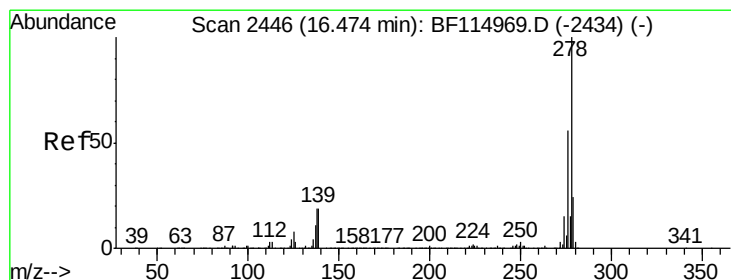
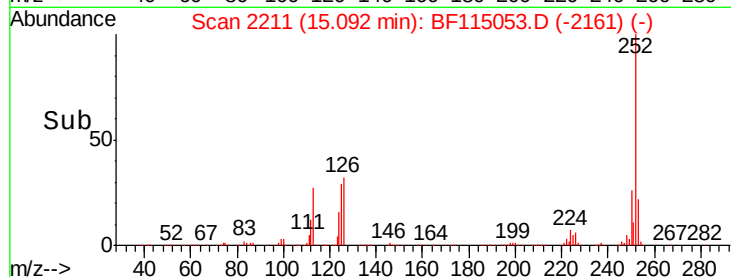
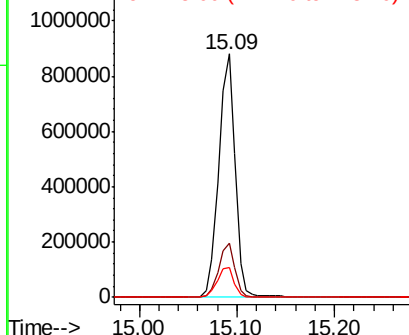
#90
Benzo(a)pyrene
Concen: 33.899 ng
RT: 15.09 min Scan# 2211
Delta R.T. -0.01 min
Lab File: BF115053.D
Acq: 14 Jun 2019 21:18

Instrument :
BNA_F
ClientSampleId :
BAT-B10MSD

Tot Ion:252 Resp: 1032130
Ion Ratio Lower Upper
252 100
253 22.2 17.8 26.8
125 12.5 10.7 16.1

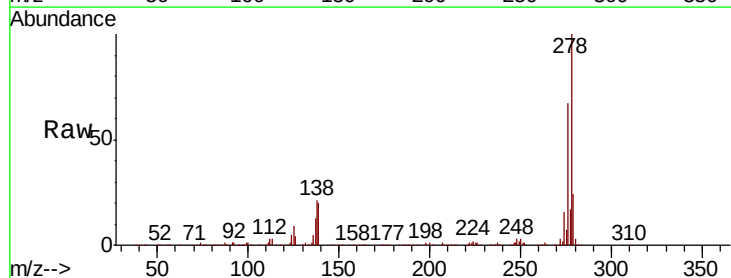


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

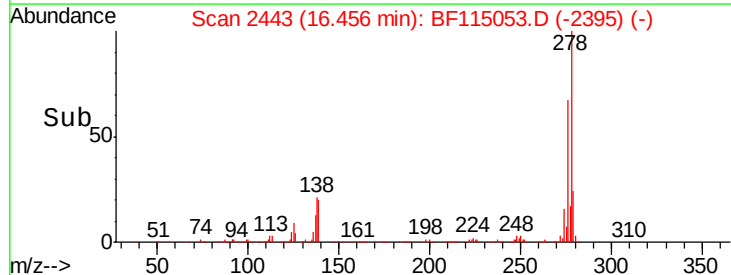
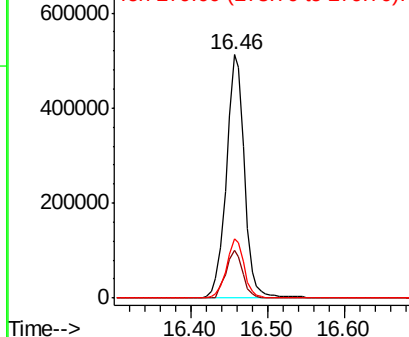


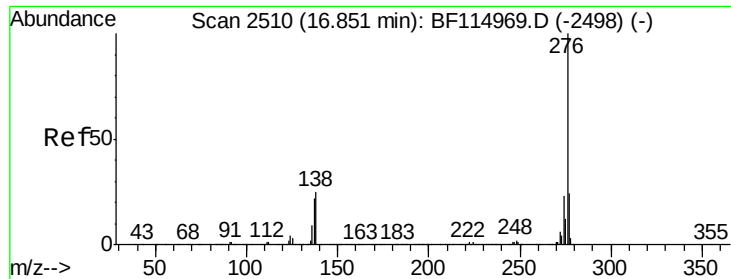
#91
Dibenzo(a,h)anthracene
Concen: 32.151 ng
RT: 16.46 min Scan# 2443
Delta R.T. -0.02 min
Lab File: BF115053.D
Acq: 14 Jun 2019 21:18

Tgt Ion:278 Resp: 843044
Ion Ratio Lower Upper
278 100
139 19.5 15.3 22.9
279 24.3 19.2 28.8



Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E





#92

Benzo(a,h,i)perylene

Concen: 30.380 ng

RT: 16.83 min Scan# 2507

Delta R.T. -0.02 min

Lab File: BF115053.D

Acq: 14 Jun 2019 21:18

Instrument :

BNA_F

ClientSampleId :

BAT-B10MSD

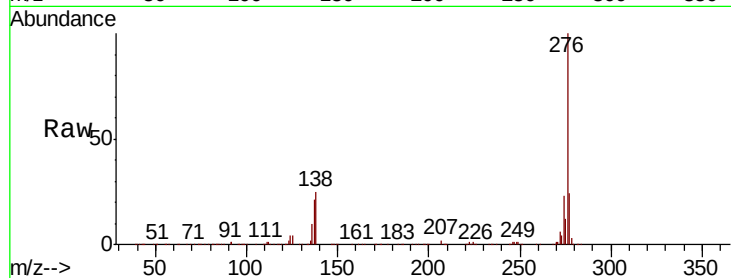
Tot Ion: 276 Resp: 812415

Ion Ratio Lower Upper

276 100

277 23.6 18.8 28.2

138 24.6 20.2 30.4



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

