

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090618\
 Data File : BF108825.D
 Acq On : 6 Sep 2018 16:08
 Operator : JU/SJ
 Sample : PB112638BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 06 16:45:03 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF090518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 05 18:03:31 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	305979	20.00	ng	0.00
21) Naphthalene-d8	8.02	136	1265572	20.00	ng	0.00
38) Acenaphthene-d10	9.77	164	618591	20.00	ng	0.00
63) Phenanthrene-d10	11.25	188	1155799	20.00	ng	0.00
75) Chrysene-d12	13.88	240	721139	20.00	ng	0.01
86) Perylene-d12	15.28	264	698963	20.00	ng	0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.37	112	1856432	100.51	ng	0.03
7) Phenol-d6	6.38	99	2416161	101.67	ng	0.01
23) Nitrobenzene-d5	7.30	82	1541254	76.21	ng	0.00
41) 2,4,6-Tribromophenol	10.56	330	629849	106.66	ng	0.00
44) 2-Fluorobiphenyl	9.10	172	2720136	75.02	ng	0.00
78) Terphenyl-d14	12.83	244	2485063	80.36	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.58	88	350978	39.541	ng	94
3) Pyridine	3.28	79	984611	40.504	ng	90
4) n-Nitrosodimethylamine	3.22	42	420871	45.078	ng	89
6) Aniline	6.40	93	952826	29.811	ng	98
8) 2-Chlorophenol	6.52	128	835800	40.883	ng	99
9) Benzaldehyde	6.28	77	450868	26.744	ng	98
10) Phenol	6.39	94	1037518	38.118	ng	83
11) bis(2-Chloroethyl)ether	6.48	93	843121	38.668	ng	97
12) 1,3-Dichlorobenzene	6.68	146	907578	38.903	ng	98
13) 1,4-Dichlorobenzene	6.75	146	909475	38.983	ng	99
14) 1,2-Dichlorobenzene	6.91	146	843117	39.208	ng	99
15) Benzyl Alcohol	6.88	79	740390	40.598	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.02	45	1306219	40.076	ng	96
17) 2-Methylphenol	7.00	107	730614	42.289	ng	98
18) Hexachloroethane	7.25	117	349728	41.574	ng	98
19) n-Nitroso-di-n-propylamine	7.16	70	634390	38.405	ng	97
20) 3+4-Methylphenols	7.15	107	824439	40.737	ng	# 69
22) Acetophenone	7.15	105	1155907	40.244	ng	# 90
24) Nitrobenzene	7.32	77	917113	42.266	ng	100
25) Isophorone	7.57	82	1768748	43.848	ng	98
26) 2-Nitrophenol	7.64	139	431436	50.468	ng	98
27) 2,4-Dimethylphenol	7.68	122	813540	46.864	ng	97
28) bis(2-Chloroethoxy)methane	7.77	93	1116058	41.382	ng	99
29) 2,4-Dichlorophenol	7.88	162	741746	41.438	ng	98
30) 1,2,4-Trichlorobenzene	7.97	180	753411	38.838	ng	96
31) Naphthalene	8.04	128	2372096	41.661	ng	97
32) Benzoic acid	7.82	122	557750	48.780	ng	99
33) 4-Chloroaniline	8.09	127	640388	24.489	ng	97
34) Hexachlorobutadiene	8.17	225	440642	38.023	ng	100
35) Caprolactam	8.46	113	132283	21.809	ng	86
36) 4-Chloro-3-methylphenol	8.58	107	773906	40.585	ng	97
37) 2-Methylnaphthalene	8.73	142	1647791	43.806	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.90	216	678958	36.717	ng	99
40) Hexachlorocyclopentadiene	8.90	237	870733	93.600	ng	99

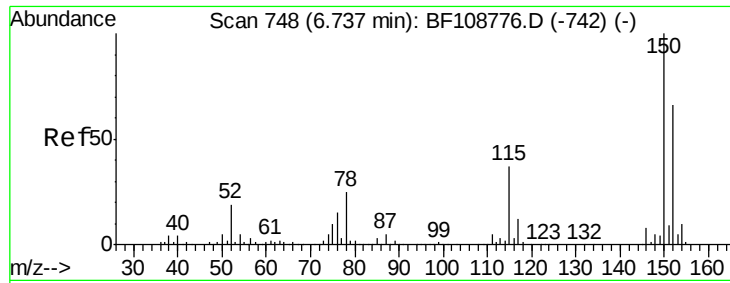
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090618\
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 05 18:03:31 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.01	196	540809	42.938	nq	99
43) 2,4,5-Trichlorophenol	9.05	196	544813	41.730	nq	98
45) 1,1'-Biphenyl	9.20	154	1881248	39.503	nq	98
46) 2-Chloronaphthalene	9.22	162	1489212	38.666	nq	99
47) 2-Nitroaniline	9.31	65	486629	46.250	nq	98
48) Acenaphthylene	9.64	152	2359129	41.093	nq	98
49) Dimethylphthalate	9.50	163	1723747	39.840	nq	98
50) 2,6-Dinitrotoluene	9.55	165	389751	47.275	nq	92
51) Acenaphthene	9.81	154	1537081	43.266	nq	97
52) 3-Nitroaniline	9.72	138	329093	33.534	nq	95
53) 2,4-Dinitrophenol	9.83	184	294312	95.184	nq	# 19
54) Dibenzofuran	9.98	168	1998763	38.596	nq	95
55) 4-Nitrophenol	9.89	139	642202	87.533	nq	97
56) 2,4-Dinitrotoluene	9.96	165	488000	46.285	nq	# 97
57) Fluorene	10.32	166	1449615	43.620	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.10	232	457610	43.464	nq	88
59) Diethylphthalate	10.20	149	1701026	38.097	nq	95
60) 4-Chlorophenyl-phenylether	10.31	204	700010	39.440	nq	95
61) 4-Nitroaniline	10.34	138	421402	47.399	nq	96
62) Azobenzene	10.47	77	1784582	38.721	nq	96
64) 4,6-Dinitro-2-methylphenol	10.37	198	195399	43.707	nq	88
65) n-Nitrosodiphenylamine	10.43	169	1476632	38.426	nq	97
66) 4-Bromophenyl-phenylether	10.80	248	499620	38.273	nq	# 86
67) Hexachlorobenzene	10.87	284	526599	37.789	nq	93
68) Atrazine	10.96	200	474438	38.566	nq	98
69) Pentachlorophenol	11.06	266	582173	68.332	nq	99
70) Phenanthrene	11.28	178	2191199	39.700	nq	98
71) Anthracene	11.32	178	2245051	42.483	nq	96
72) Carbazole	11.48	167	2012466	36.160	nq	98
73) Di-n-butylphthalate	11.82	149	2447330	39.599	nq	97
74) Fluoranthene	12.45	202	2271784	41.571	nq	98
76) Benzidine	12.57	184	1304551	38.168	nq	100
77) Pyrene	12.68	202	2258764	40.705	nq	97
79) Butylbenzylphthalate	13.31	149	1047551	41.921	nq	95
80) Benzo(a)anthracene	13.87	228	1873268	40.527	nq	97
81) 3,3'-Dichlorobenzidine	13.83	252	411891	22.872	nq	# 97
82) Chrysene	13.90	228	1827917	40.850	nq	97
83) Bis(2-ethylhexyl)phthalate	13.87	149	1223359	38.956	nq	99
84) Di-n-octyl phthalate	14.48	149	2239042	42.766	nq	99
85) Indeno(1,2,3-cd)pyrene	16.64	276	1477336	37.306	nq	96
87) Benzo(b)fluoranthene	14.88	252	1646646	43.325	nq	97
88) Benzo(k)fluoranthene	14.91	252	1527880	43.653	nq	98
89) Benzo(a)pyrene	15.22	252	1470619	42.883	nq	98
90) Dibenzo(a,h)anthracene	16.65	278	1214781	40.200	nq	98
91) Benzo(g,h,i)perylene	17.05	276	1264103	41.780	nq	94

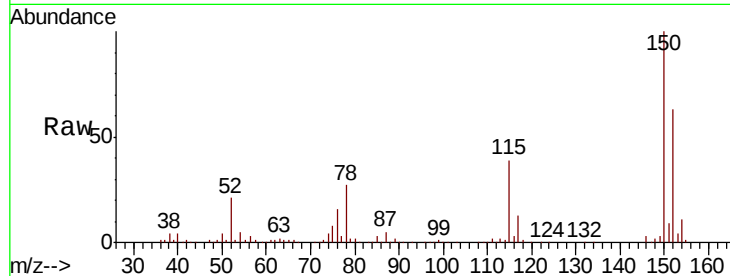
(#) = qualifier out of range (m) = manual integration (+) = signals summed



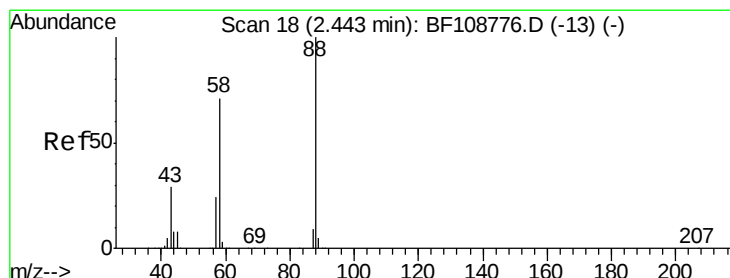
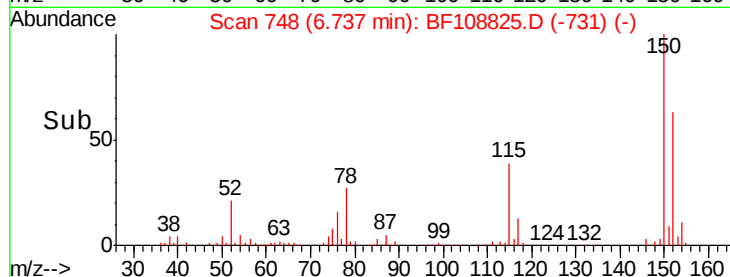
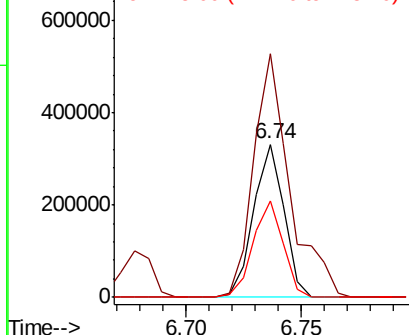
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.74 min Scan# 748
 Delta R.T. -0.00 min
 Lab File: BF108825.D
 Acq: 6 Sep 2018 16:08

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:152 Resp: 305979
 Ion Ratio Lower Upper
 152 100
 150 159.2 124.6 186.8
 115 62.9 50.1 75.1

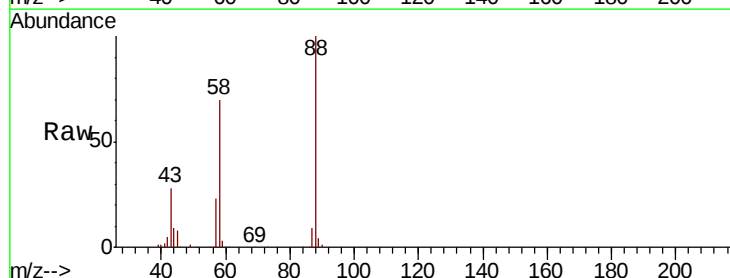


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

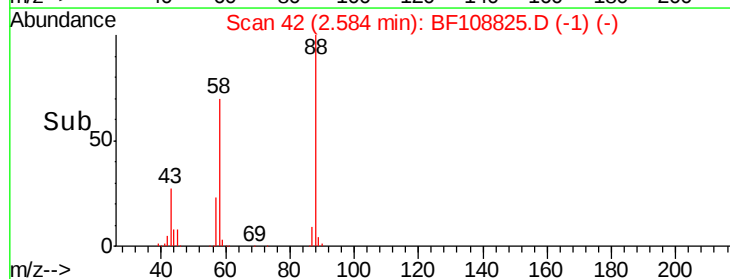
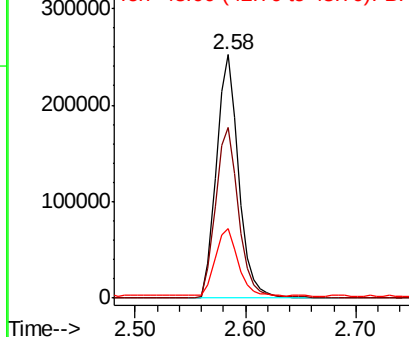


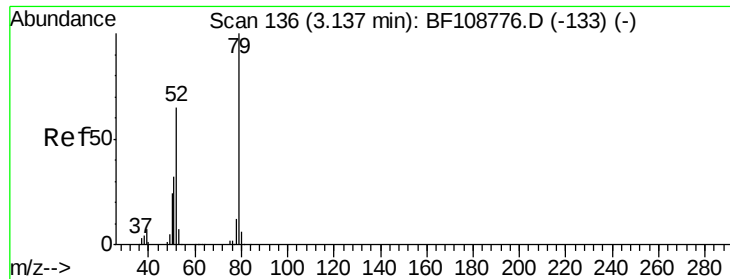
#2
 1,4-Dioxane
 Concen: 39.541 ng
 RT: 2.58 min Scan# 42
 Delta R.T. 0.14 min
 Lab File: BF108825.D
 Acq: 6 Sep 2018 16:08

Tgt Ion: 88 Resp: 350978
 Ion Ratio Lower Upper
 88 100
 58 72.1 62.6 93.8
 43 28.1 24.6 37.0



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: 40.504 ng

RT: 3.28 min Scan# 160

Delta R.T. 0.14 min

Lab File: BF108825.D

Acq: 6 Sep 2018 16:08

Instrument :

BNA_F

ClientSampleId :

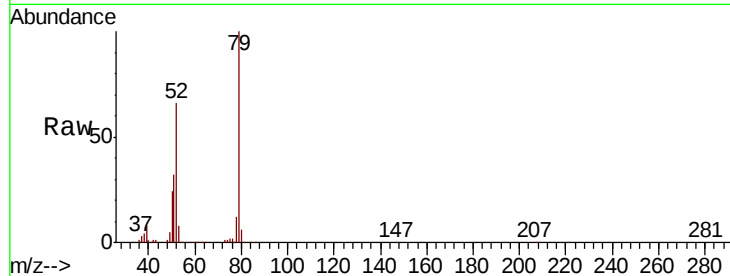
Tot Ion: 79 Resp: 984611

Ion Ratio Lower Upper

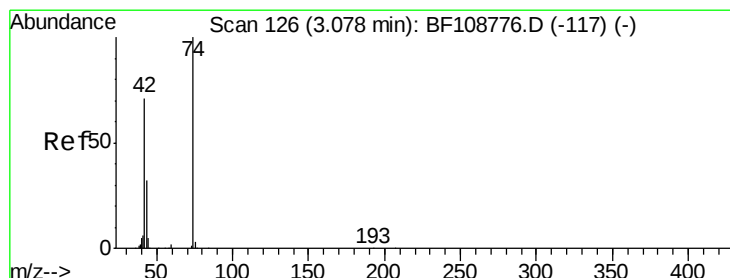
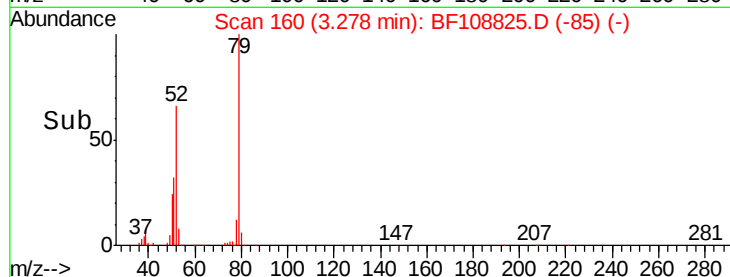
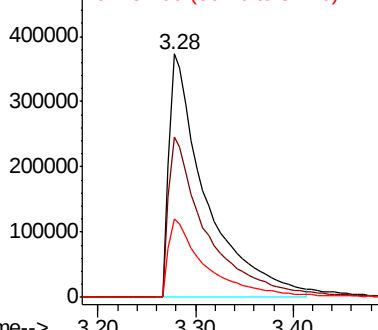
79 100

52 65.7 59.8 89.6

51 32.1 29.8 44.8



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: 45.078 ng

RT: 3.22 min Scan# 150

Delta R.T. 0.14 min

Lab File: BF108825.D

Acq: 6 Sep 2018 16:08

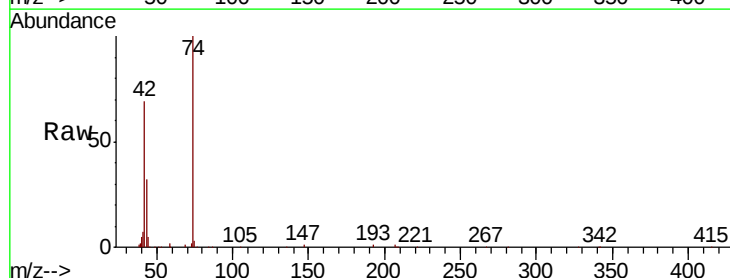
Tgt Ion: 42 Resp: 420871

Ion Ratio Lower Upper

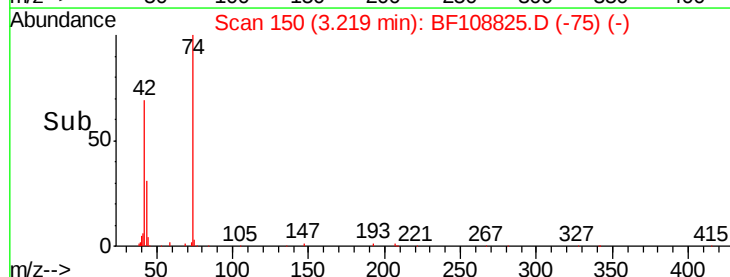
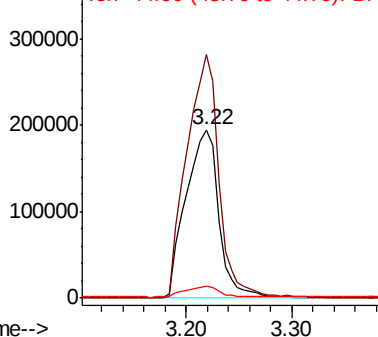
42 100

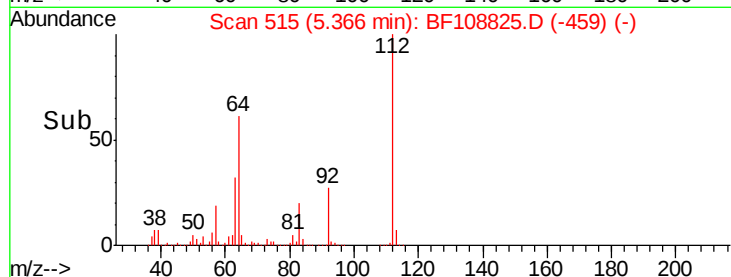
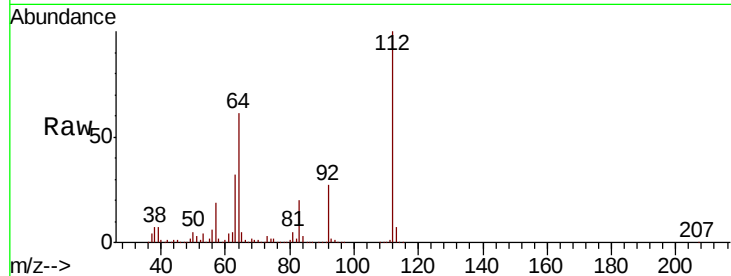
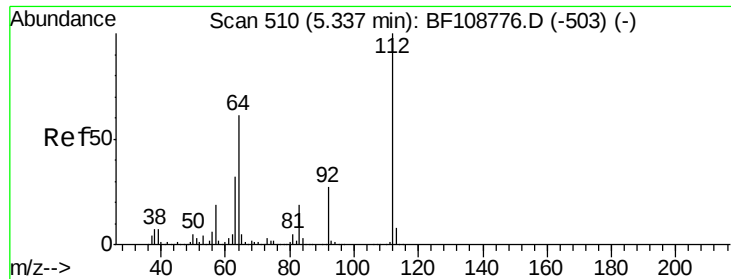
74 144.7 104.9 157.3

44 7.0 6.9 10.3



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: 100.513 ng

RT: 5.37 min Scan# 515

Delta R.T. 0.03 min

Lab File: BF108825.D

Acq: 6 Sep 2018 16:08

Instrument :

BNA_F

ClientSampleId :

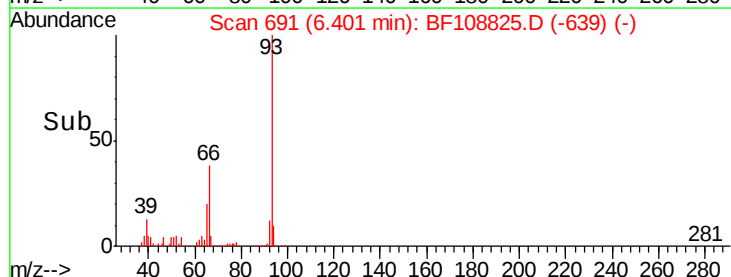
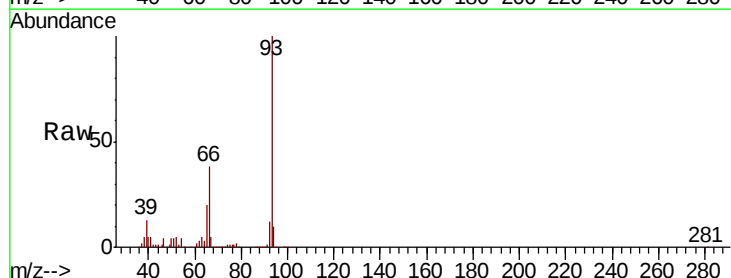
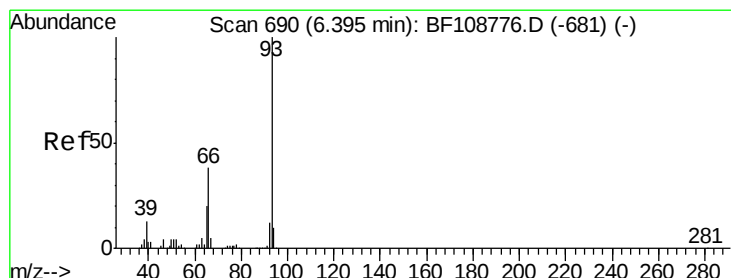
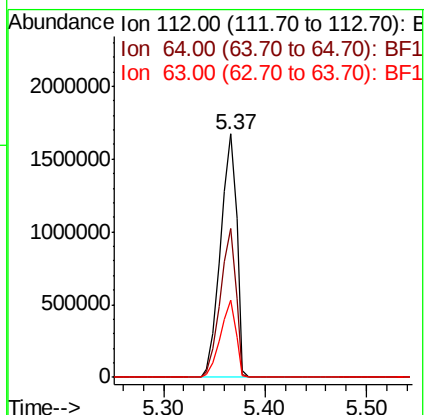
Tot Ion:112 Resp: 1856432

Ion Ratio Lower Upper

112 100

64 60.9 47.9 71.9

63 32.0 23.7 35.5



#6

Aniline

Concen: 29.811 ng

RT: 6.40 min Scan# 691

Delta R.T. 0.01 min

Lab File: BF108825.D

Acq: 6 Sep 2018 16:08

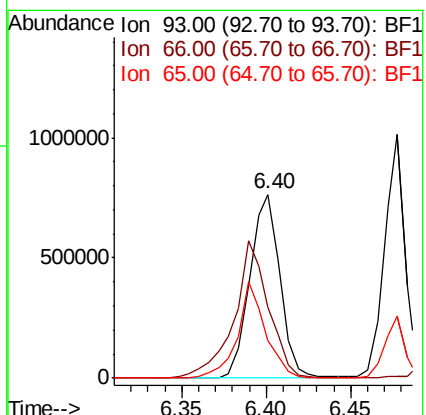
Tgt Ion: 93 Resp: 952826

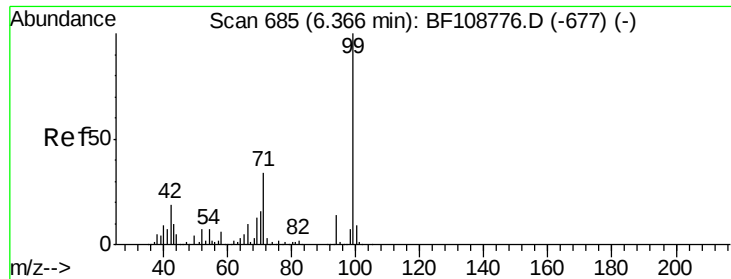
Ion Ratio Lower Upper

93 100

66 38.4 32.2 48.2

65 20.3 16.4 24.6





#7

Phenol-d6

Concen: 101.673 ng

RT: 6.38 min Scan# 687

Delta R.T. 0.01 min

Lab File: BF108825.D

Acq: 6 Sep 2018 16:08

Instrument :

BNA_F

ClientSampleId :

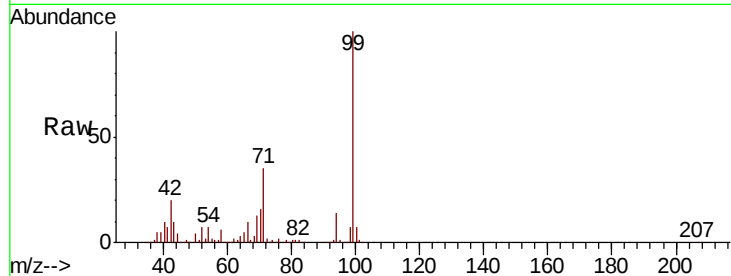
Tot Ion: 99 Resp: 2416161

Ion Ratio Lower Upper

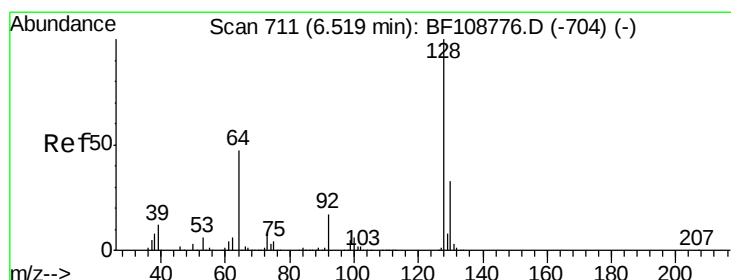
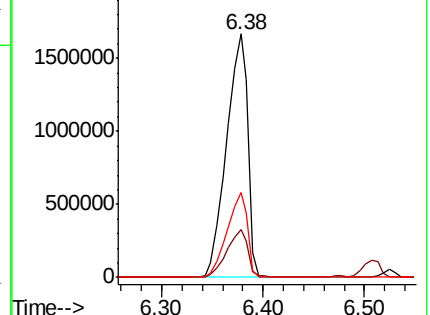
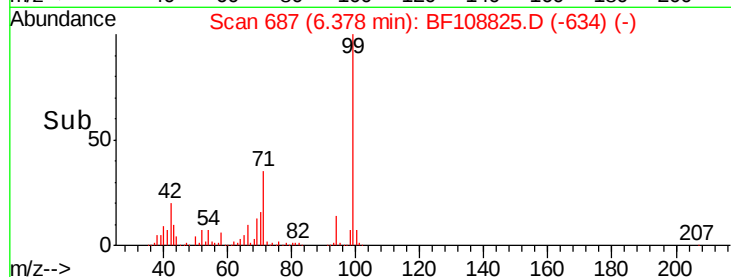
99 100

42 19.7 14.5 21.7

71 34.6 25.4 38.0



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



#8

2-Chlorophenol

Concen: 40.883 ng

RT: 6.52 min Scan# 712

Delta R.T. 0.01 min

Lab File: BF108825.D

Acq: 6 Sep 2018 16:08

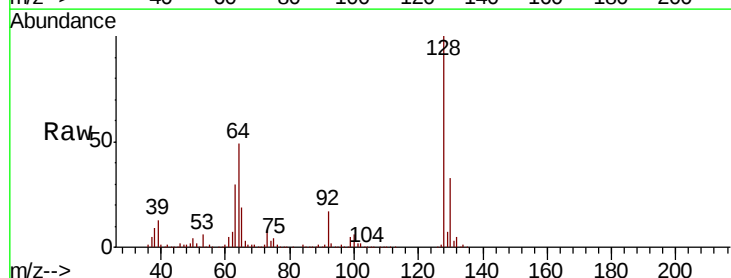
Tgt Ion: 128 Resp: 835800

Ion Ratio Lower Upper

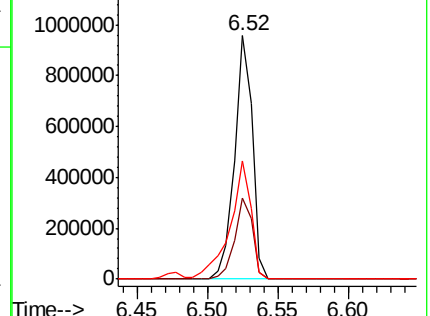
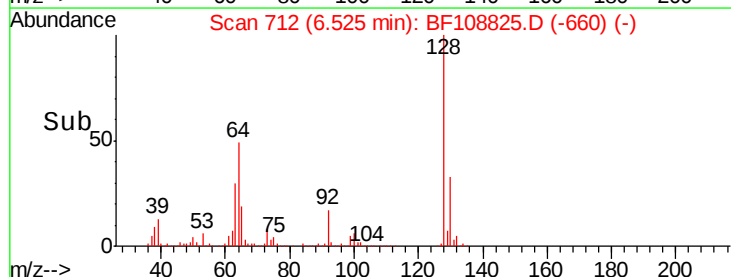
128 100

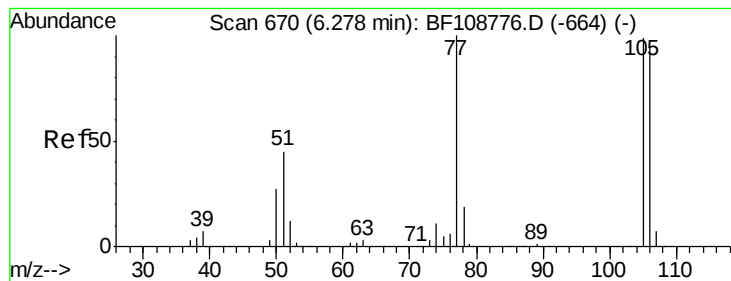
130 33.1 13.0 53.0

64 48.7 29.4 69.4



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: 26.744 ng

RT: 6.28 min Scan# 670

Delta R.T. -0.00 min

Lab File: BF108825.D

Acq: 6 Sep 2018 16:08

Instrument :

BNA_F

ClientSampleId :

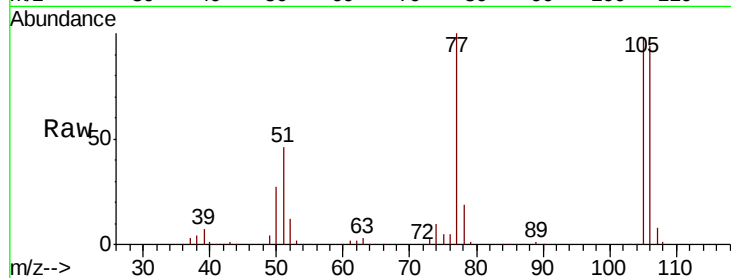
Tot Ion: 77 Resp: 450868

Ion Ratio Lower Upper

77 100

105 97.5 81.1 121.1

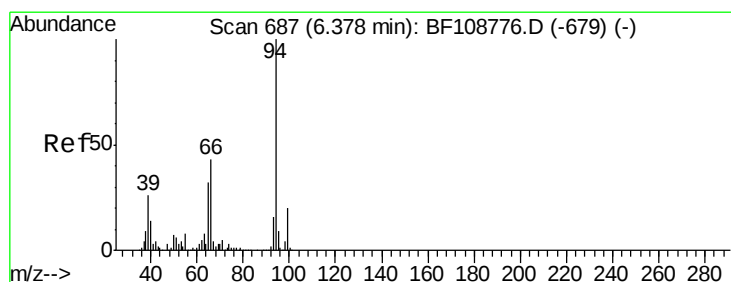
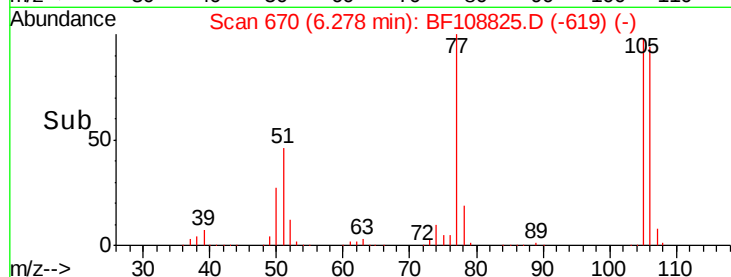
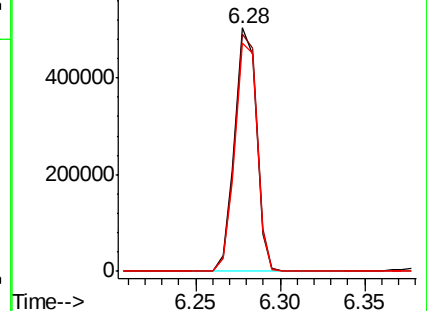
106 93.5 74.5 114.5



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 38.118 ng

RT: 6.39 min Scan# 689

Delta R.T. 0.01 min

Lab File: BF108825.D

Acq: 6 Sep 2018 16:08

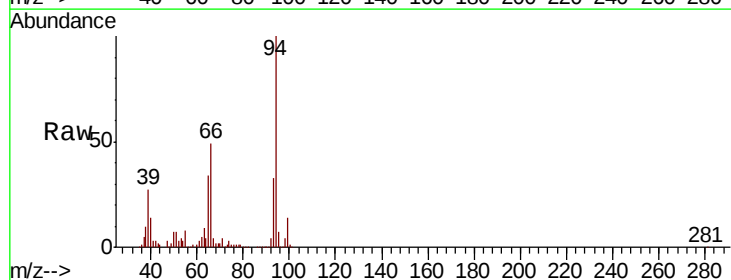
Tgt Ion: 94 Resp: 1037518

Ion Ratio Lower Upper

94 100

65 34.1 7.9 47.9

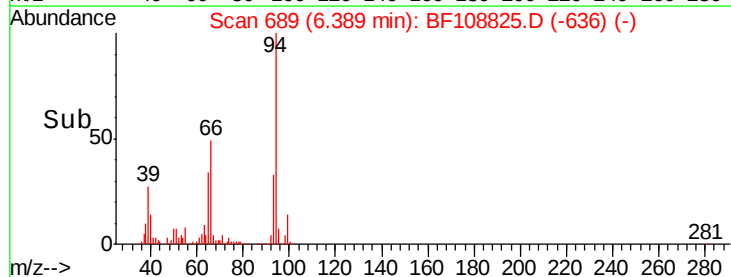
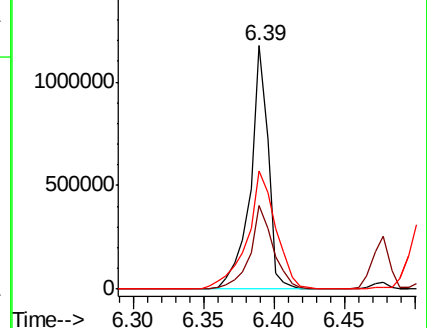
66 48.6 16.2 56.2

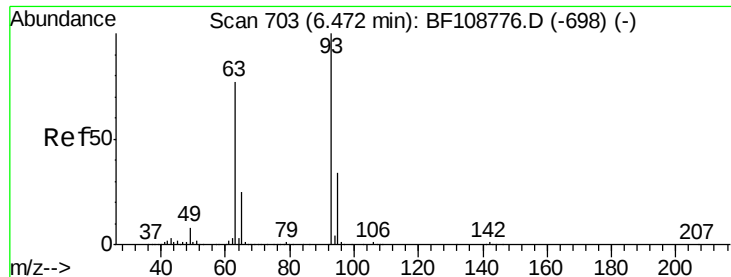


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 38.668 ng

RT: 6.48 min Scan# 704

Delta R.T. 0.01 min

Lab File: BF108825.D

Acq: 6 Sep 2018 16:08

Instrument :

BNA_F

ClientSampleId :

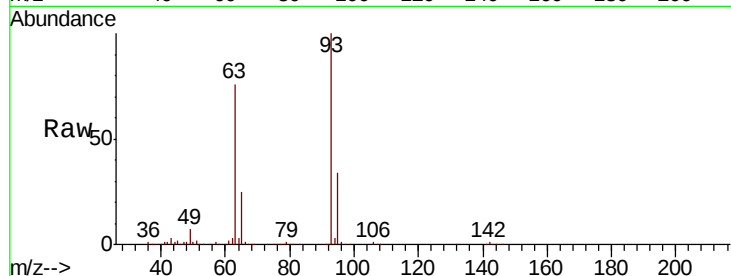
Tot Ion: 93 Resp: 843121

Ion Ratio Lower Upper

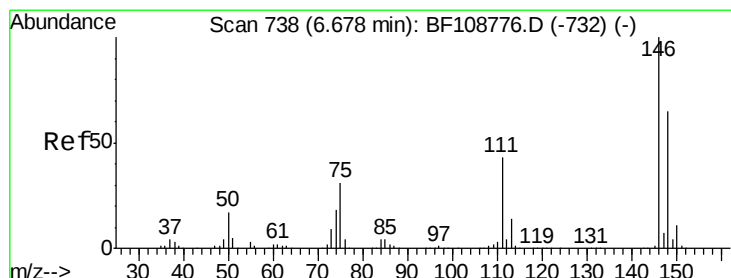
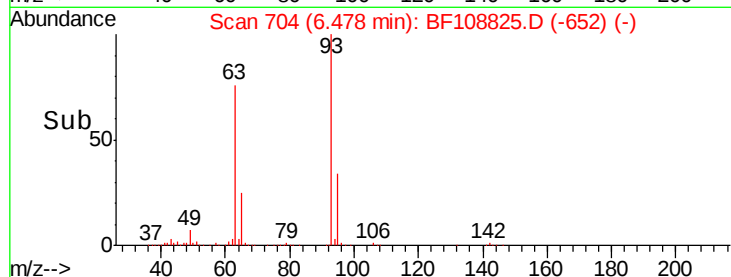
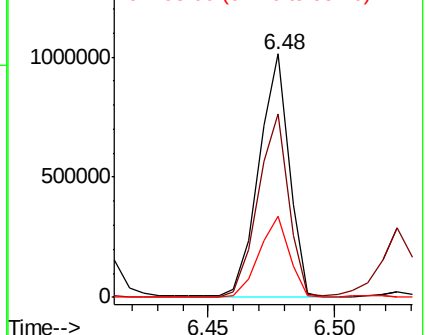
93 100

63 75.6 58.6 98.6

95 33.5 11.8 51.8



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: 38.903 ng

RT: 6.68 min Scan# 738

Delta R.T. -0.00 min

Lab File: BF108825.D

Acq: 6 Sep 2018 16:08

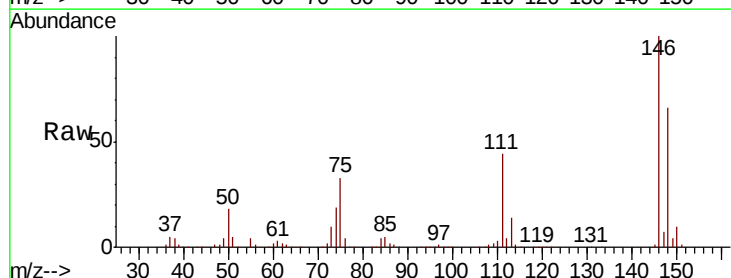
Tgt Ion: 146 Resp: 907578

Ion Ratio Lower Upper

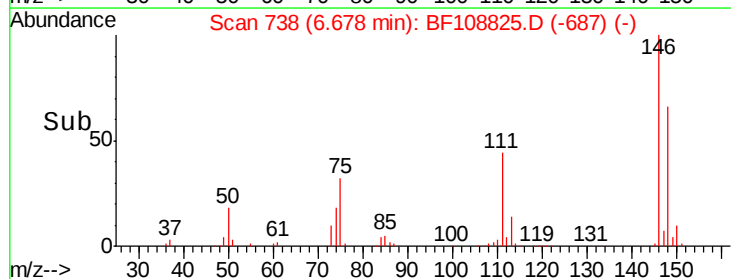
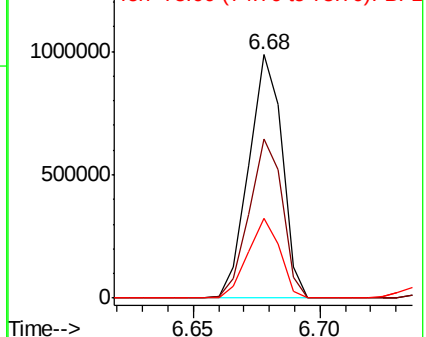
146 100

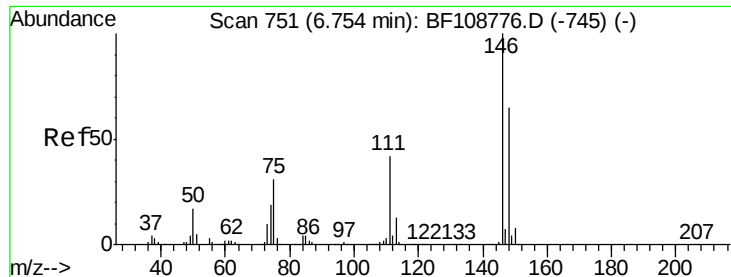
148 65.6 51.8 77.8

75 32.7 24.2 36.4



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: 38.983 ng

RT: 6.75 min Scan# 751

Delta R.T. -0.00 min

Lab File: BF108825.D

Acq: 6 Sep 2018 16:08

Instrument :

BNA_F

ClientSampleId :

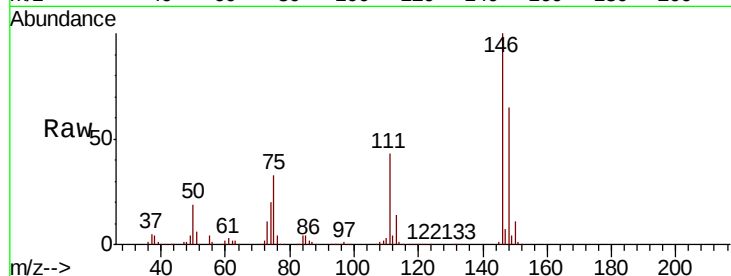
Tot Ion:146 Resp: 909475

Ion Ratio Lower Upper

146 100

148 65.1 50.8 76.2

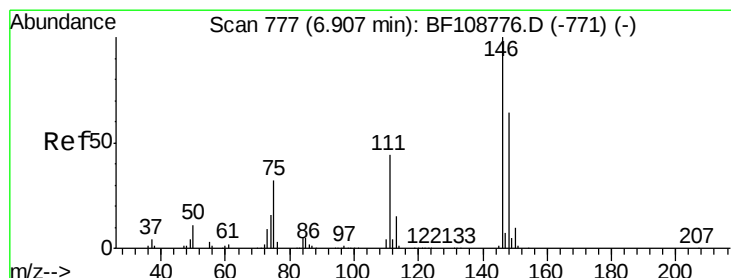
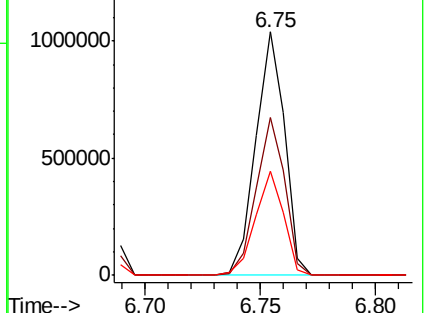
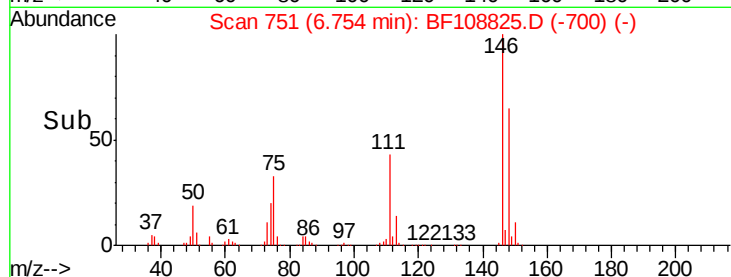
111 42.6 34.2 51.2



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 39.208 ng

RT: 6.91 min Scan# 777

Delta R.T. -0.00 min

Lab File: BF108825.D

Acq: 6 Sep 2018 16:08

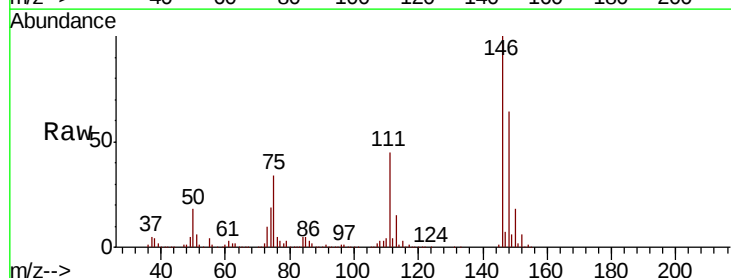
Tgt Ion:146 Resp: 843117

Ion Ratio Lower Upper

146 100

148 63.8 50.6 75.8

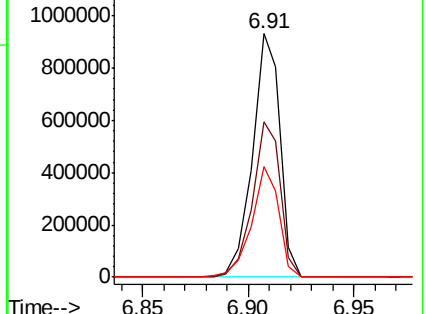
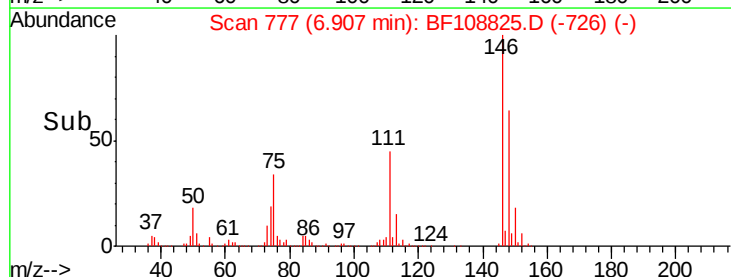
111 45.2 36.0 54.0

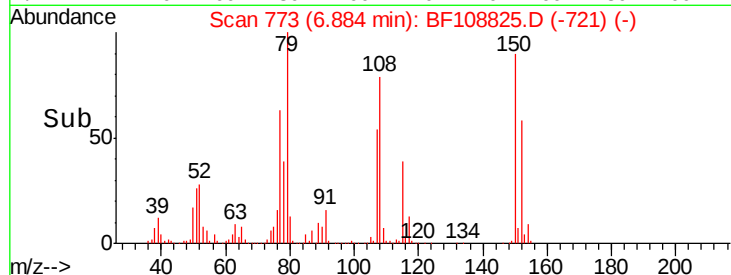
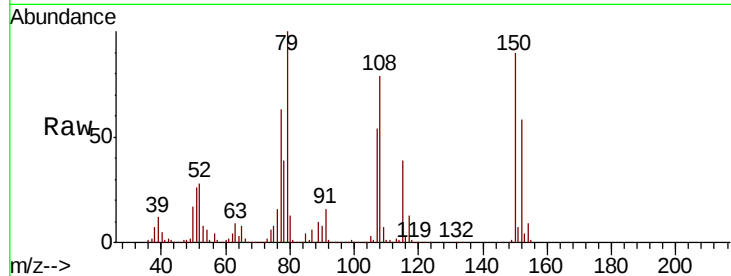
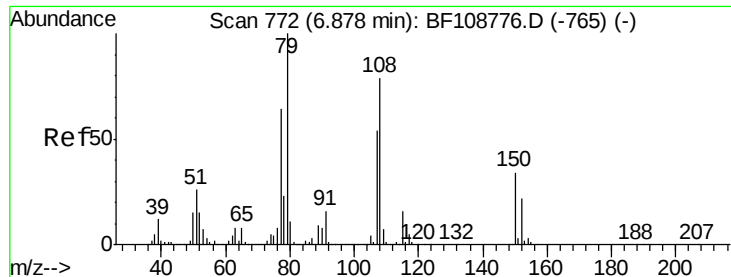


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E

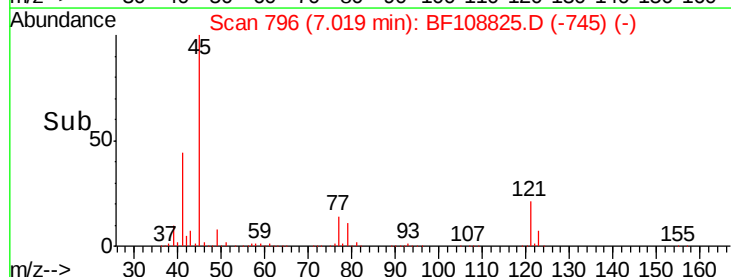
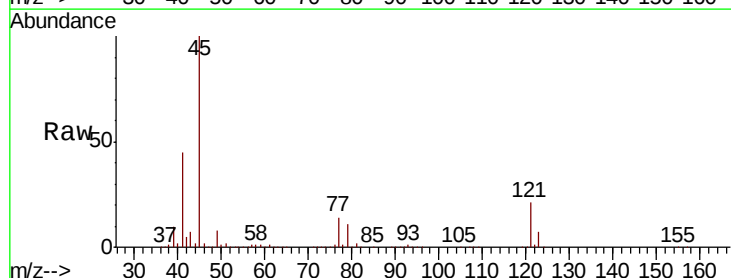
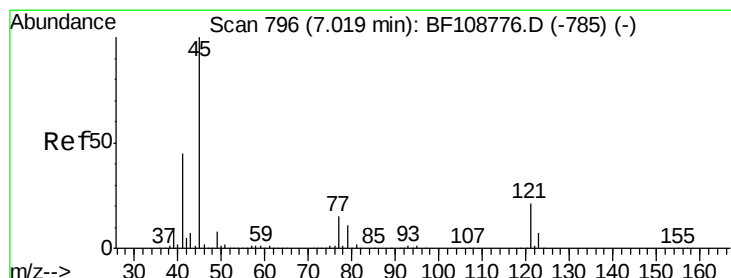
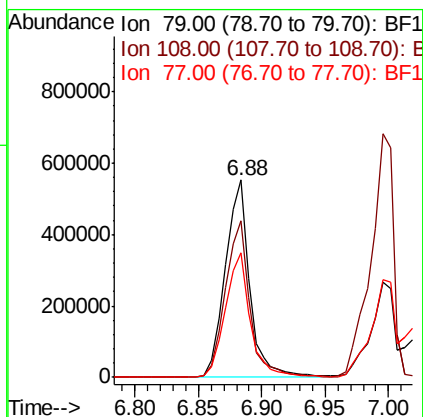




#15
Benzyl Alcohol
Concen: 40.598 ng
RT: 6.88 min Scan# 773
Delta R.T. 0.01 min
Lab File: BF108825.D
Acq: 6 Sep 2018 16:08

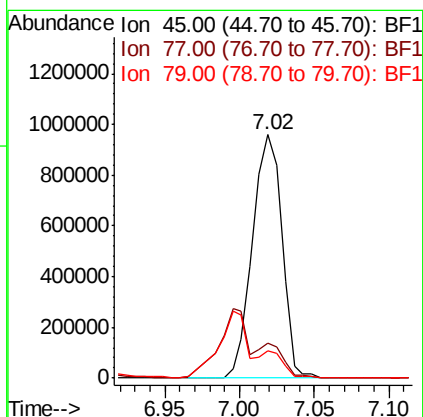
Tot Ion: 79 Resp: 740390
Ion Ratio Lower Upper
79 100
108 79.5 65.1 97.7
77 63.3 50.6 75.8

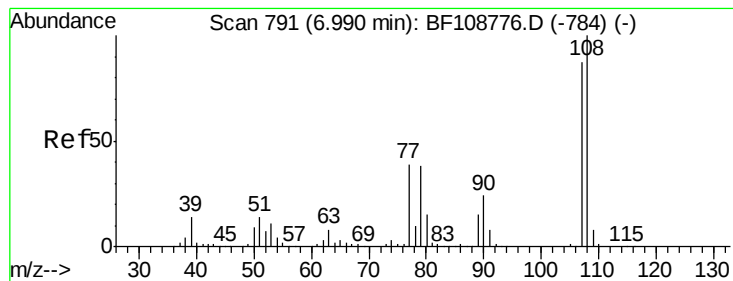
Instrument :
BNA_F
ClientSampled :



#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.076 ng
RT: 7.02 min Scan# 796
Delta R.T. -0.00 min
Lab File: BF108825.D
Acq: 6 Sep 2018 16:08

Tgt Ion: 45 Resp: 1306219
Ion Ratio Lower Upper
45 100
77 14.4 0.0 32.9
79 11.1 0.0 29.6

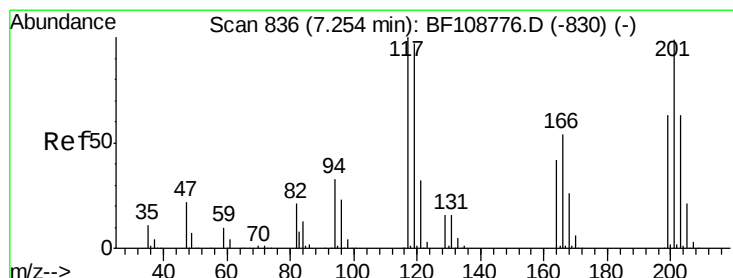
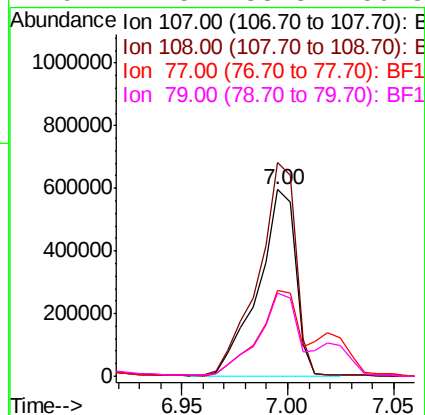
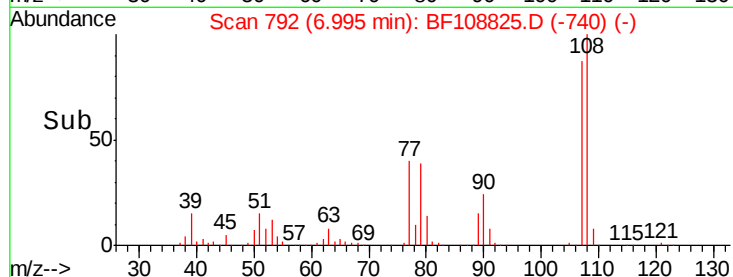
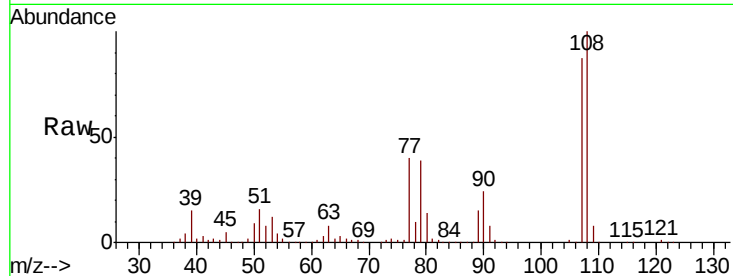




#17
2-Methylphenol
Concen: 42.289 ng
RT: 7.00 min Scan# 792
Delta R.T. 0.01 min
Lab File: BF108825.D
Acq: 6 Sep 2018 16:08

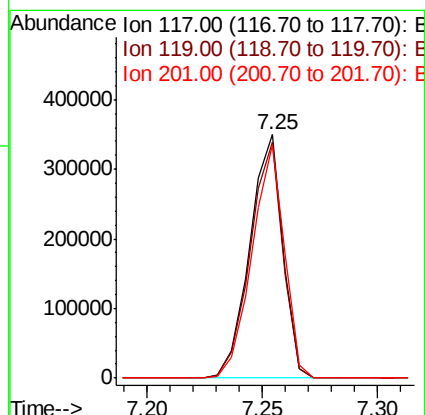
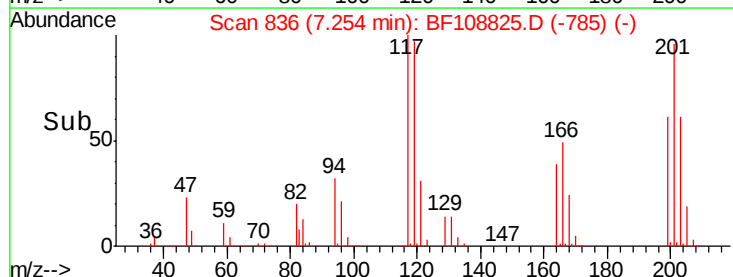
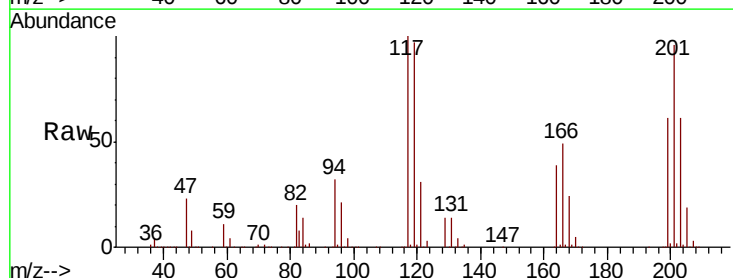
Instrument :
BNA_F
ClientSampled :

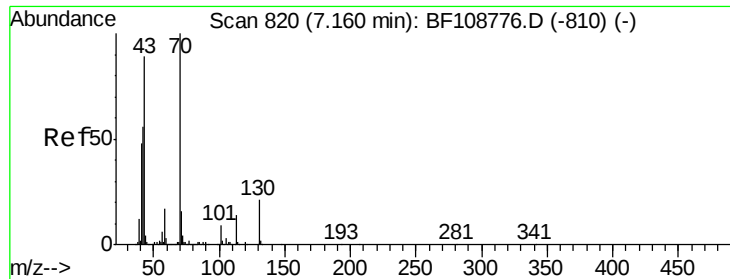
Tot Ion:107 Resp: 730614
Ion Ratio Lower Upper
107 100
108 114.4 91.7 137.5
77 45.9 33.8 50.8
79 44.5 33.8 50.8



#18
Hexachloroethane
Concen: 41.574 ng
RT: 7.25 min Scan# 836
Delta R.T. -0.00 min
Lab File: BF108825.D
Acq: 6 Sep 2018 16:08

Tgt Ion:117 Resp: 349728
Ion Ratio Lower Upper
117 100
119 96.7 75.8 113.8
201 95.8 75.7 113.5

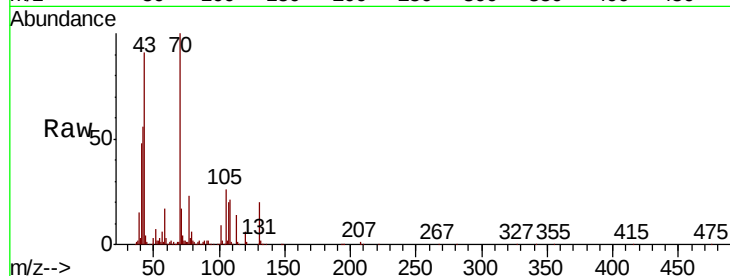




#19
n-Nitroso-di-n-propylamine
Concen: 38.405 ng
RT: 7.16 min Scan# 820
Delta R.T. -0.00 min
Lab File: BF108825.D
Acq: 6 Sep 2018 16:08

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
70	100		
42	56.4	47.5	71.3
101	8.9	7.4	11.2
130	19.8	16.6	25.0



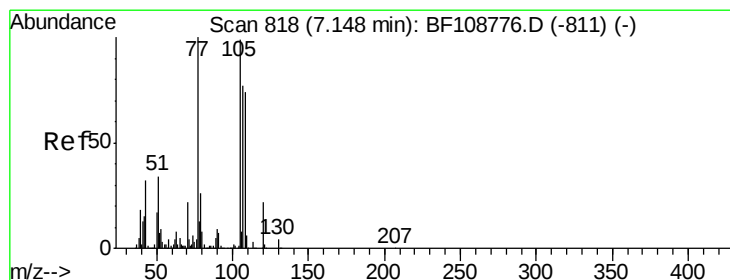
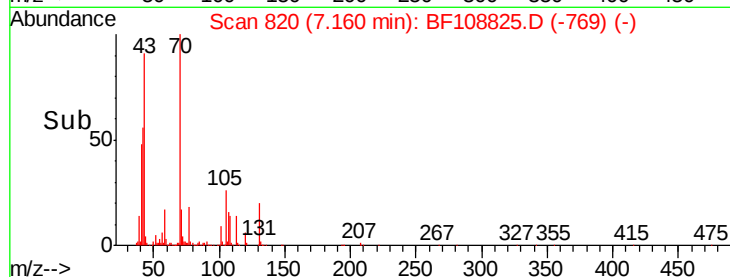
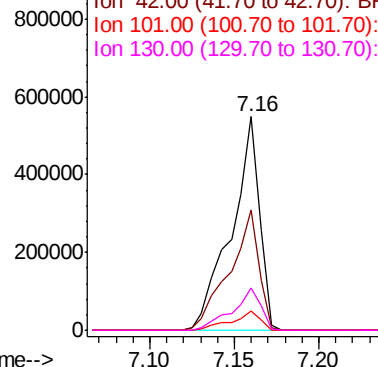
Abundance

Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1



#20
3+4-Methylphenols
Concen: 40.737 ng
RT: 7.15 min Scan# 818
Delta R.T. -0.00 min
Lab File: BF108825.D
Acq: 6 Sep 2018 16:08

Tgt Ion	Ratio	Lower	Upper
107	100		
108	88.8	68.2	108.2
77	114.4	26.7	66.7#
79	29.1	6.3	46.3

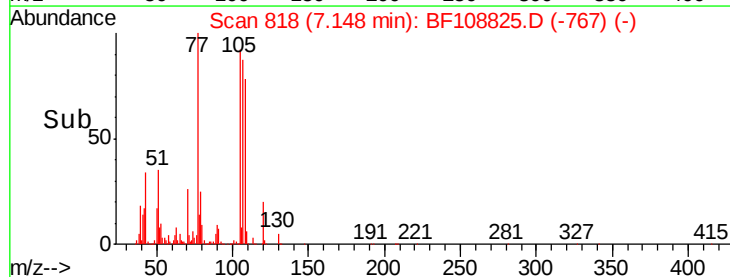
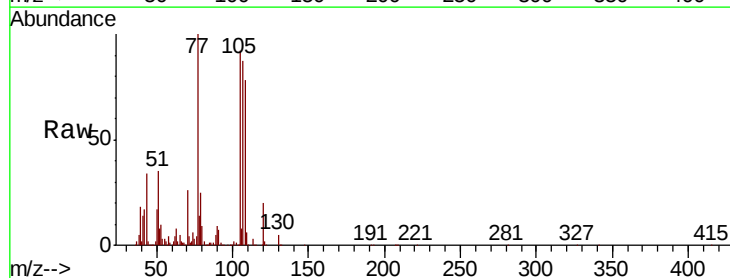
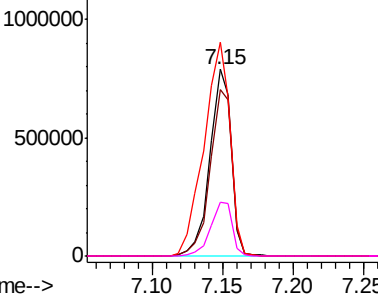
Abundance

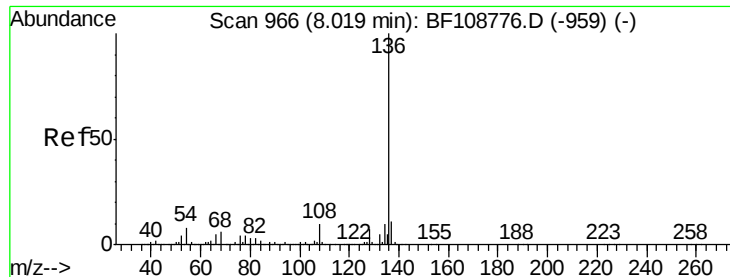
Ion 107.00 (106.70 to 107.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



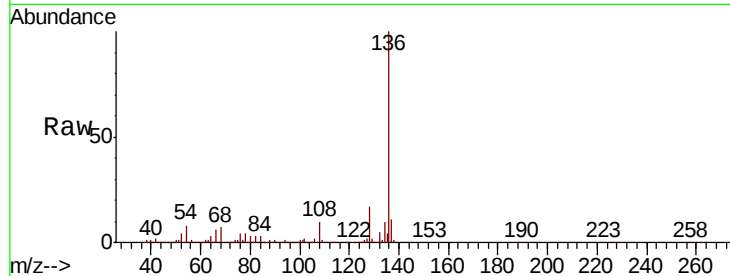


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.02 min Scan# 966
Delta R.T. -0.00 min
Lab File: BF108825.D
Acq: 6 Sep 2018 16:08

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136 Resp: 1265572

Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.9	13.3
54	7.9	6.6	9.8
68	6.9	5.0	7.4



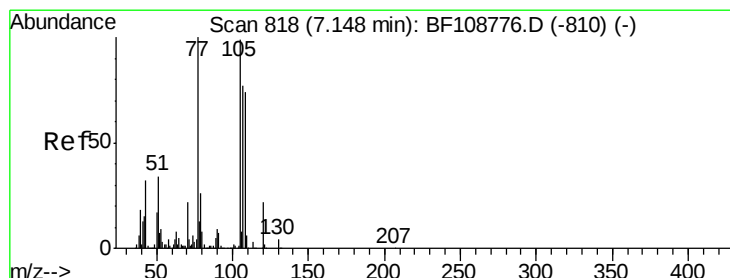
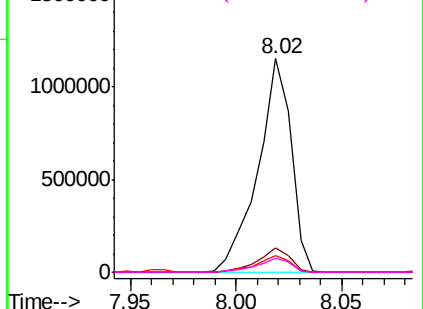
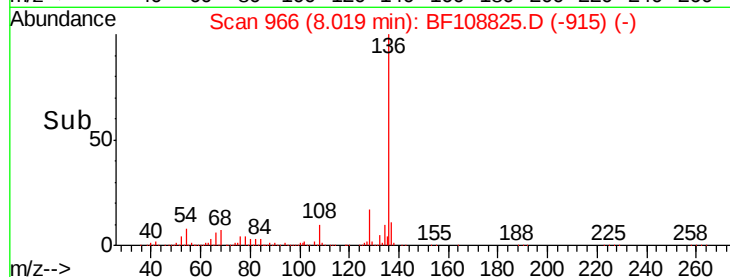
Abundance

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

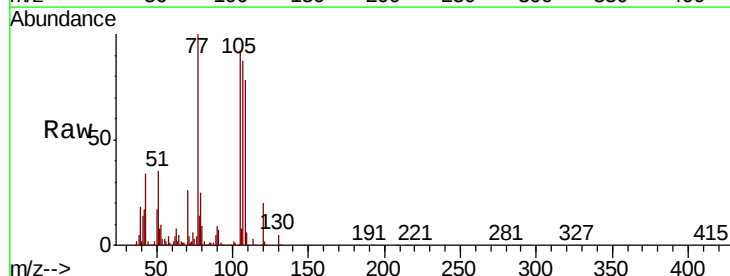
Ion 68.00 (67.70 to 68.70): BF1



#22
Acetophenone
Concen: 40.244 ng
RT: 7.15 min Scan# 818
Delta R.T. -0.00 min
Lab File: BF108825.D
Acq: 6 Sep 2018 16:08

Tgt Ion:105 Resp: 1155907

Ion	Ratio	Lower	Upper
105	100		
71	4.7	4.4	6.6
51	37.5	22.3	33.5
120	21.8	16.9	25.3



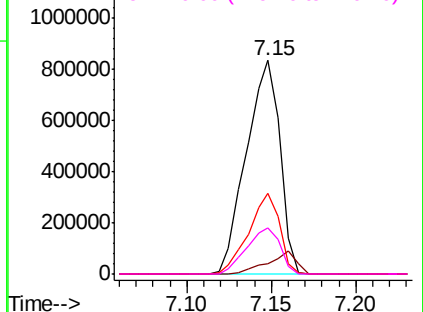
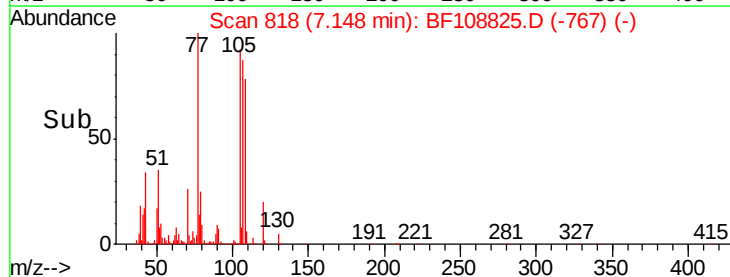
Abundance

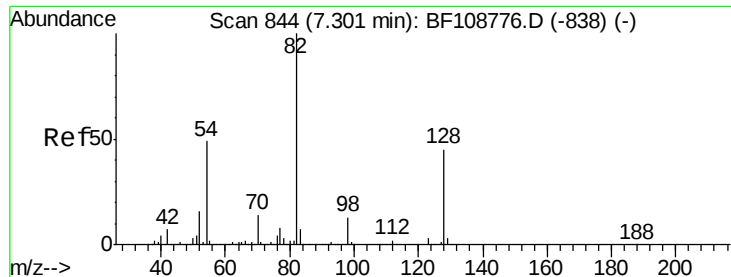
Ion 105.00 (104.70 to 105.70): E

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

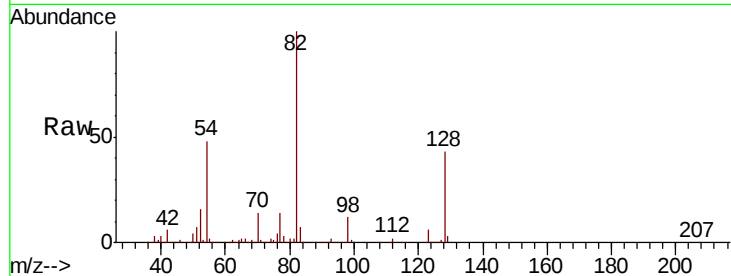




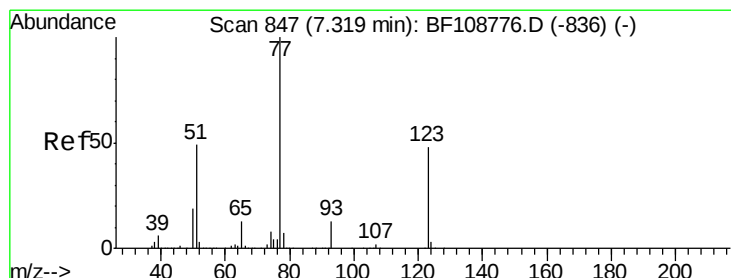
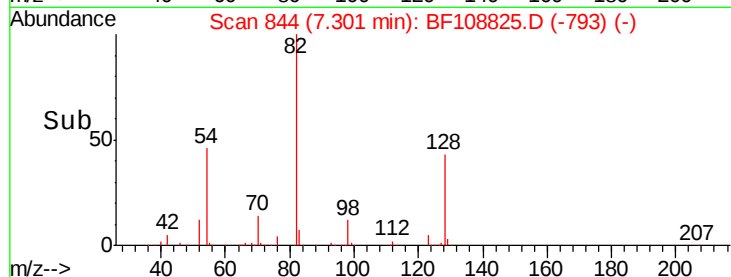
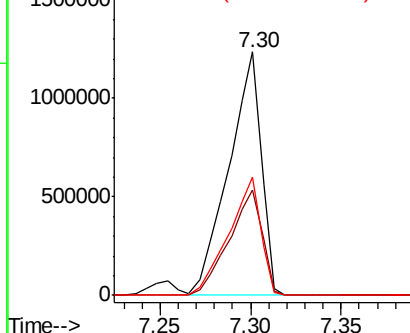
#23
Nitrobenzene-d5
Concen: 76.213 ng
RT: 7.30 min Scan# 844
Delta R.T. -0.00 min
Lab File: BF108825.D
Acq: 6 Sep 2018 16:08

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 82 Resp: 1541254
Ion Ratio Lower Upper
82 100
128 43.3 36.1 54.1
54 48.4 41.4 62.2

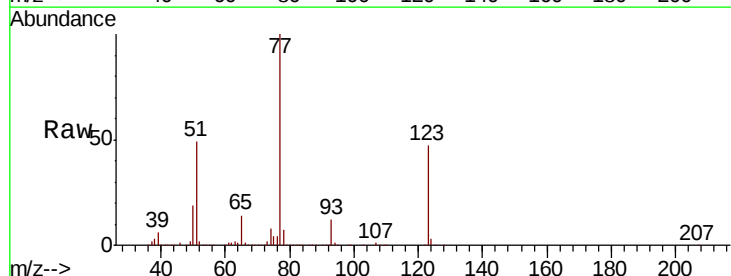


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

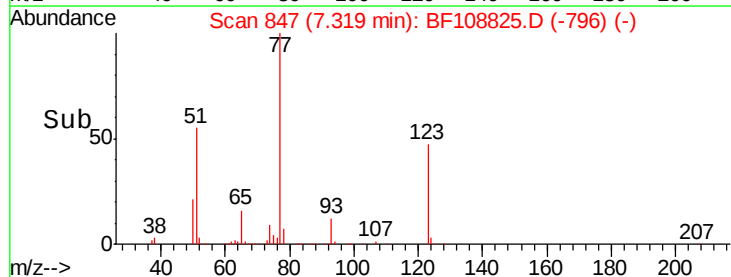
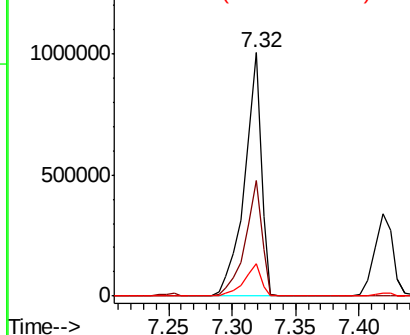


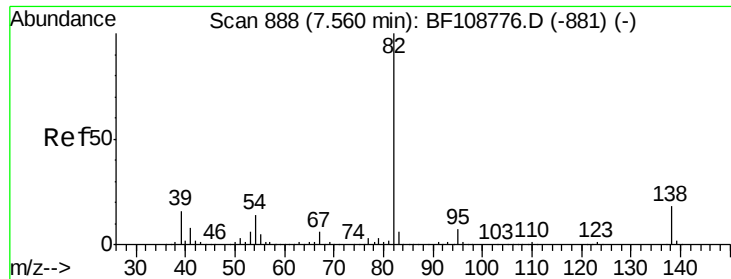
#24
Nitrobenzene
Concen: 42.266 ng
RT: 7.32 min Scan# 847
Delta R.T. -0.00 min
Lab File: BF108825.D
Acq: 6 Sep 2018 16:08

Tgt Ion: 77 Resp: 917113
Ion Ratio Lower Upper
77 100
123 47.3 37.9 56.9
65 13.6 11.0 16.4



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: 43.848 ng

RT: 7.57 min Scan# 889

Delta R.T. 0.01 min

Lab File: BF108825.D

Acq: 6 Sep 2018 16:08

Instrument :

BNA_F

ClientSampleId :

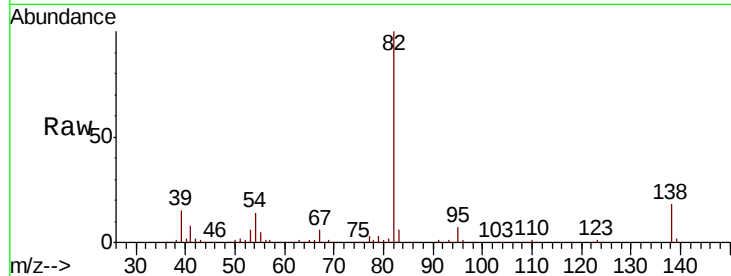
Tot Ion: 82 Resp: 1768748

Ion Ratio Lower Upper

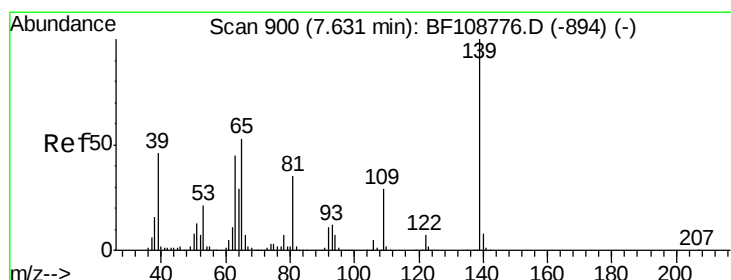
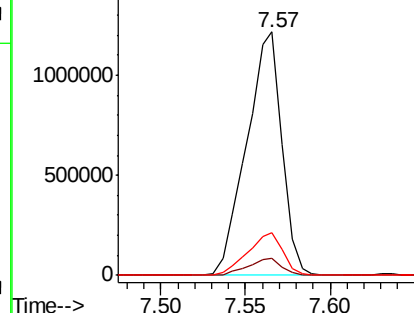
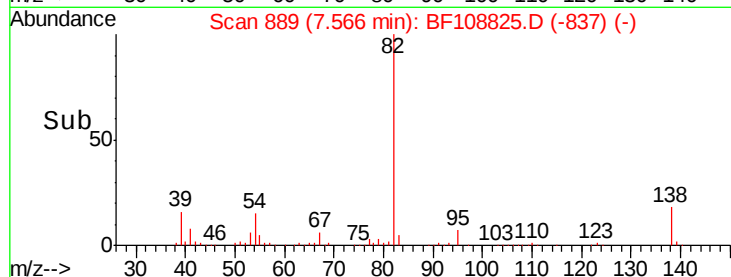
82 100

95 7.1 5.2 7.8

138 17.7 14.9 22.3



Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 50.468 ng

RT: 7.64 min Scan# 901

Delta R.T. 0.01 min

Lab File: BF108825.D

Acq: 6 Sep 2018 16:08

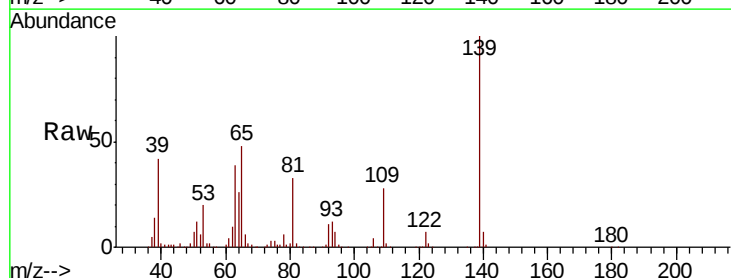
Tgt Ion: 139 Resp: 431436

Ion Ratio Lower Upper

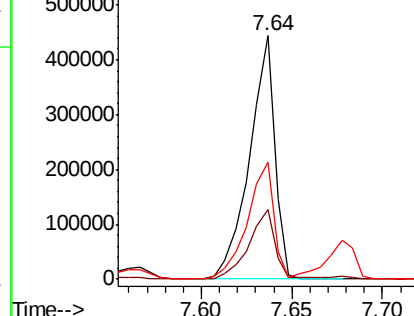
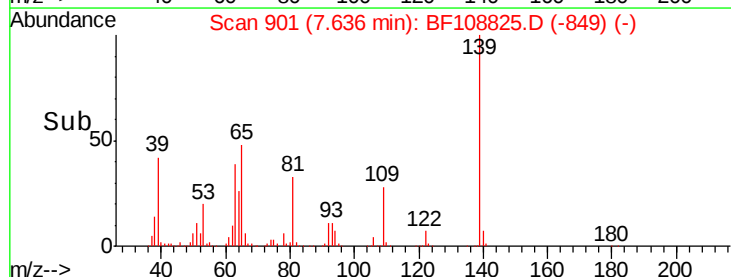
139 100

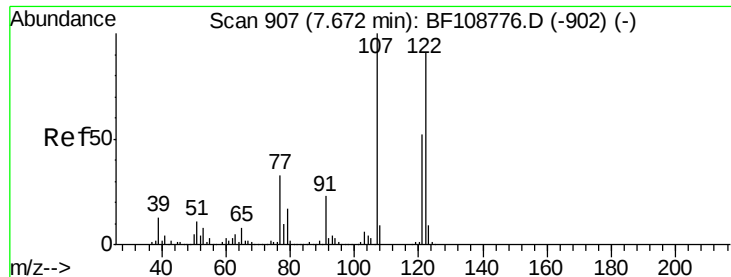
109 28.5 22.7 34.1

65 48.2 40.5 60.7



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





#27

2,4-Dimethylphenol

Concen: 46.864 ng

RT: 7.68 min Scan# 908

Delta R.T. 0.01 min

Lab File: BF108825.D

Acq: 6 Sep 2018 16:08

Instrument :

BNA_F

ClientSampleId :

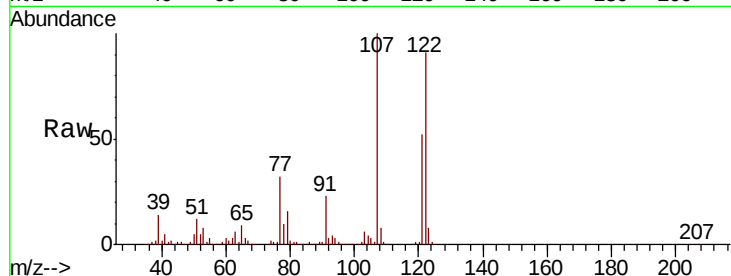
Tot Ion:122 Resp: 813540

Ion Ratio Lower Upper

122 100

107 109.9 91.2 136.8

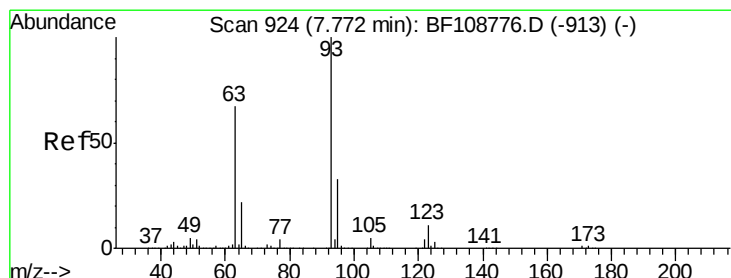
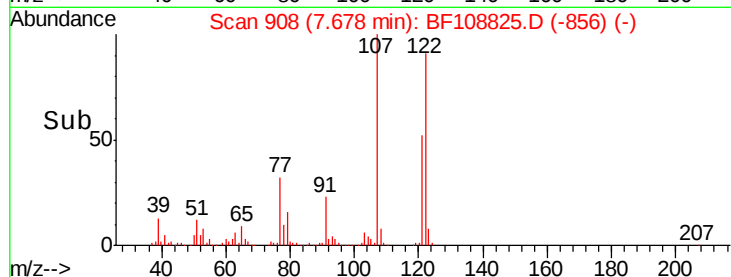
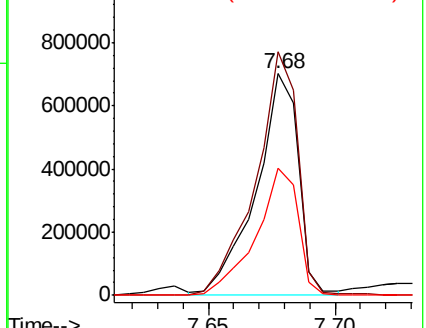
121 57.6 47.2 70.8



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: 41.382 ng

RT: 7.77 min Scan# 924

Delta R.T. -0.00 min

Lab File: BF108825.D

Acq: 6 Sep 2018 16:08

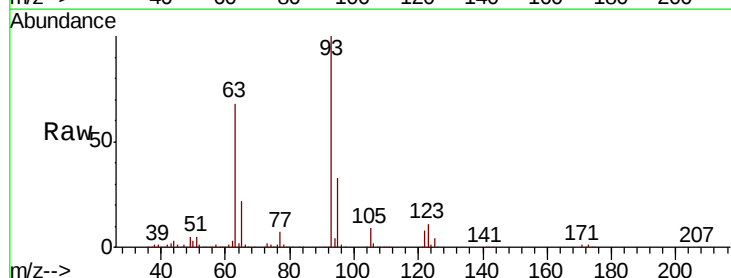
Tgt Ion: 93 Resp: 1116058

Ion Ratio Lower Upper

93 100

95 32.7 26.3 39.5

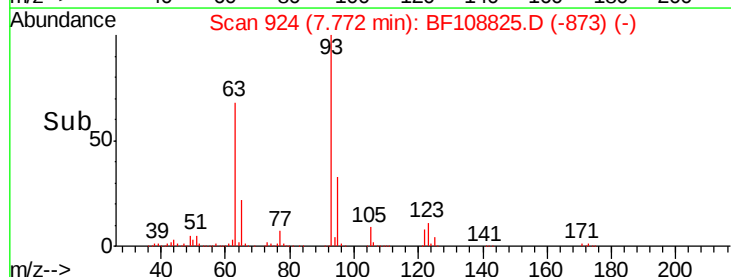
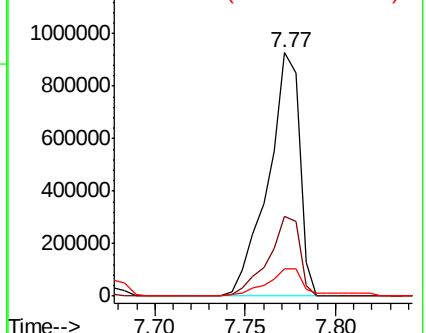
123 11.3 9.8 14.6

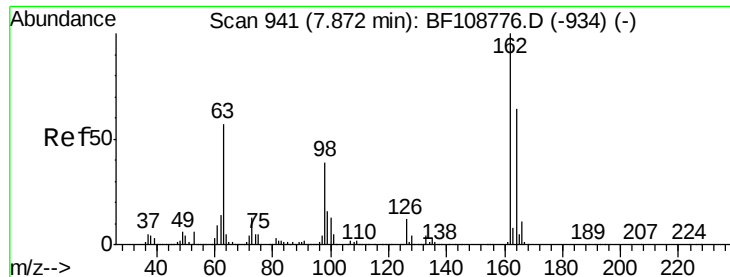


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

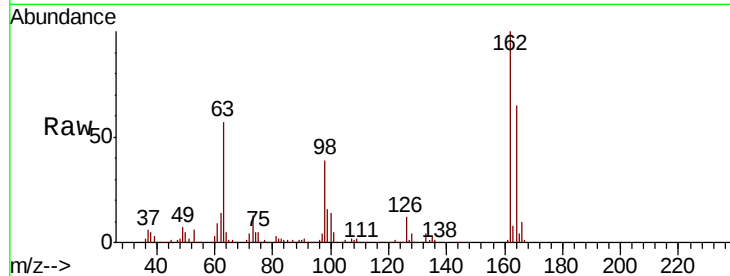




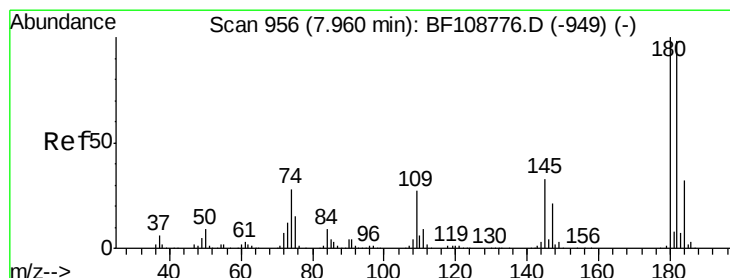
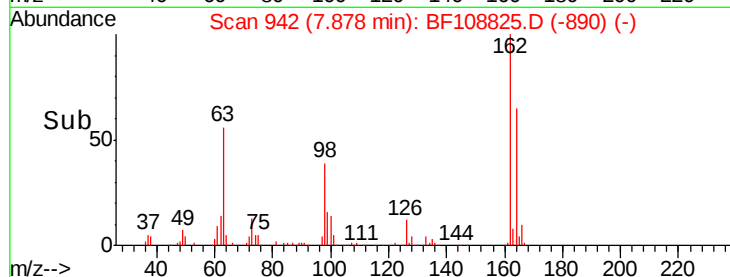
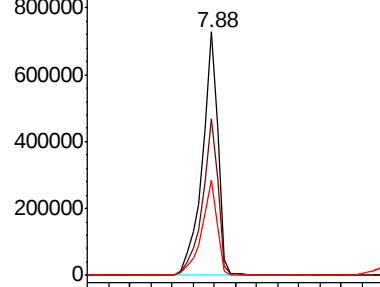
#29
 2,4-Dichlorophenol
 Concen: 41.438 ng
 RT: 7.88 min Scan# 942
 Delta R.T. 0.01 min
 Lab File: BF108825.D
 Acq: 6 Sep 2018 16:08

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.5	42.7	82.7
98	39.3	18.1	58.1

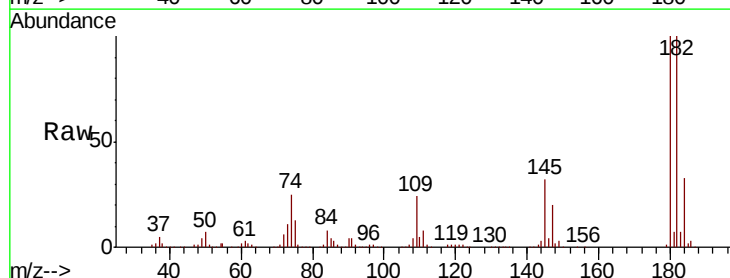


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

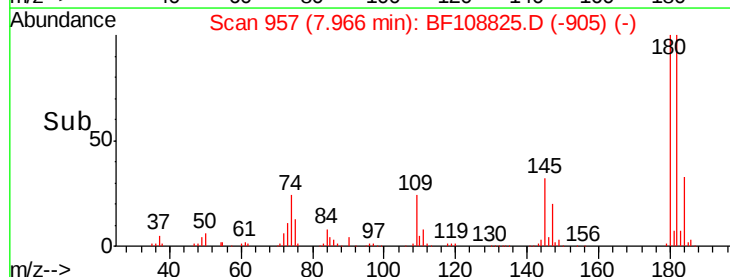
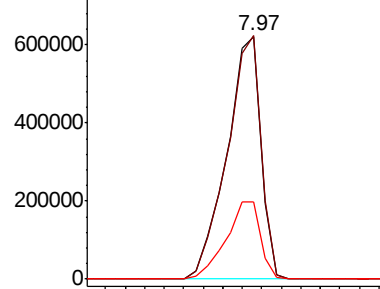


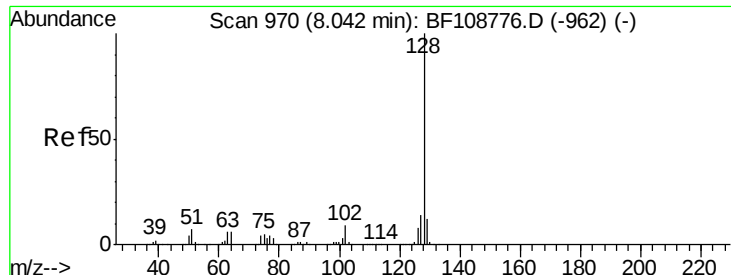
#30
 1,2,4-Trichlorobenzene
 Concen: 38.838 ng
 RT: 7.97 min Scan# 957
 Delta R.T. 0.01 min
 Lab File: BF108825.D
 Acq: 6 Sep 2018 16:08

Tgt Ion	Ratio	Lower	Upper
180	100		
182	100.4	76.8	115.2
145	31.9	26.5	39.7



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

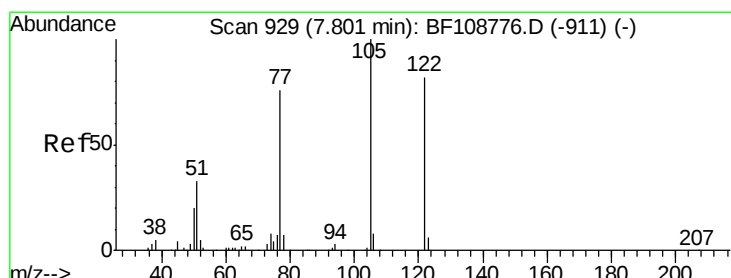
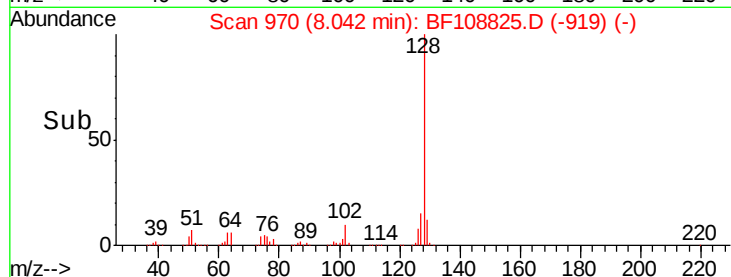
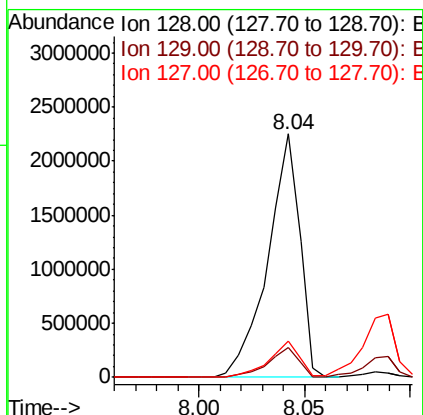
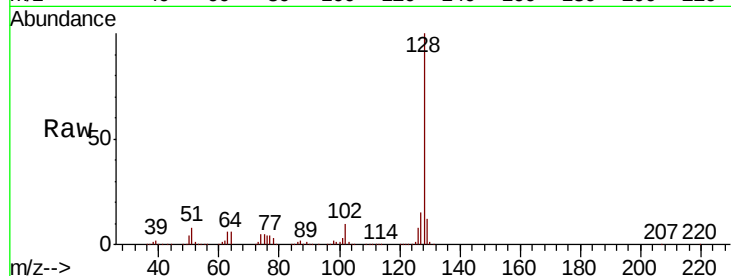




#31
Naphthalene
Concen: 41.661 ng
RT: 8.04 min Scan# 970
Delta R.T. -0.00 min
Lab File: BF108825.D
Acq: 6 Sep 2018 16:08

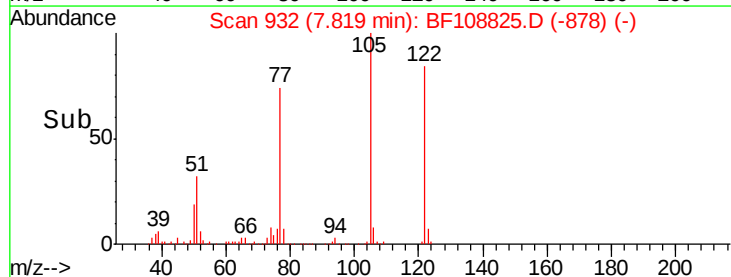
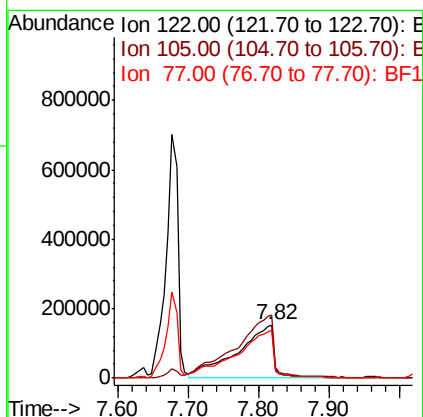
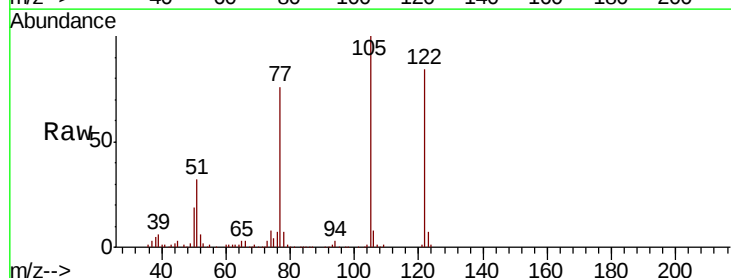
Instrument :
BNA_F
ClientSampleId :

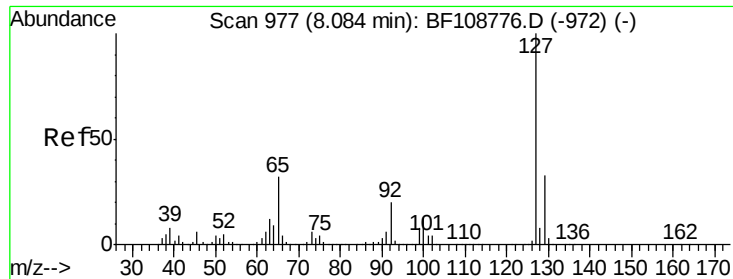
Tot Ion:128 Resp: 2372096
Ion Ratio Lower Upper
128 100
129 12.3 8.8 13.2
127 14.6 10.9 16.3



#32
Benzoic acid
Concen: 48.780 ng
RT: 7.82 min Scan# 932
Delta R.T. 0.02 min
Lab File: BF108825.D
Acq: 6 Sep 2018 16:08

Tgt Ion:122 Resp: 557750
Ion Ratio Lower Upper
122 100
105 119.2 101.1 141.1
77 90.4 70.7 110.7

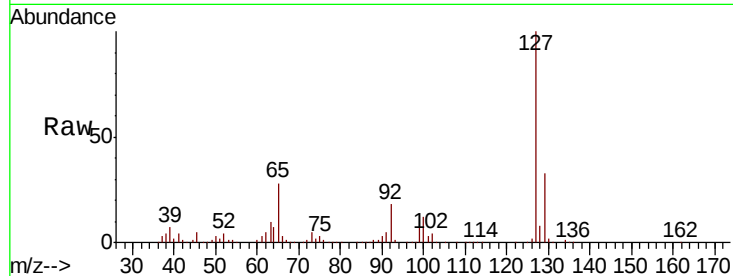




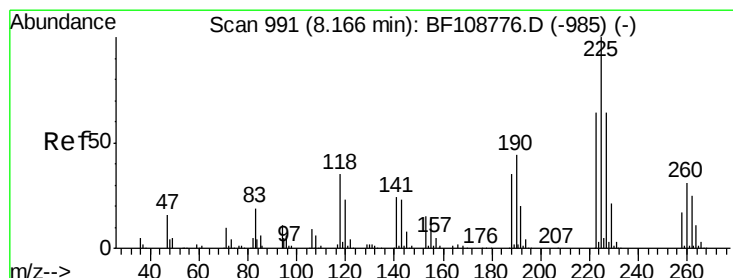
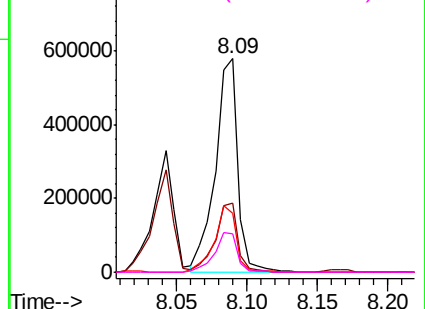
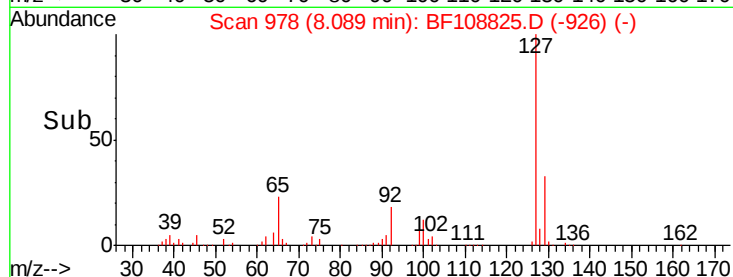
#33
4-Chloroaniline
Concen: 24.489 ng
RT: 8.09 min Scan# 978
Delta R.T. 0.01 min
Lab File: BF108825.D
Acq: 6 Sep 2018 16:08

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	640388
Ion	Ratio	Lower	Upper
127	100		
129	32.6	25.9	38.9
65	27.8	25.0	37.4
92	17.9	15.2	22.8

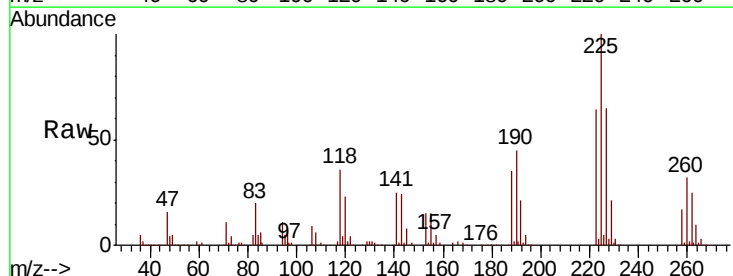


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

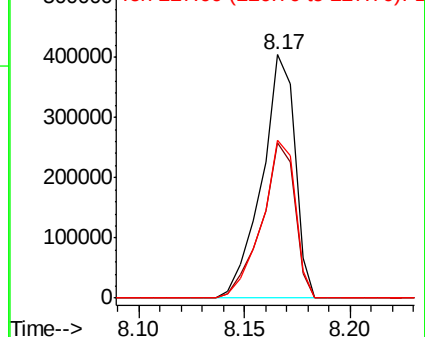
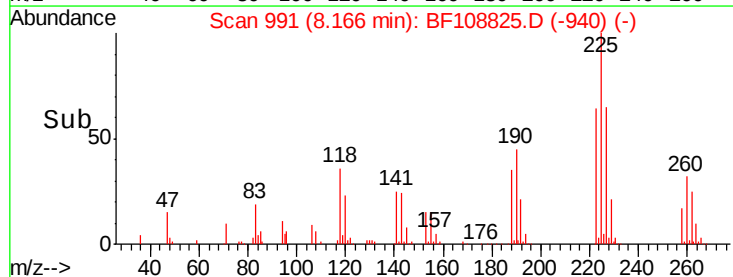


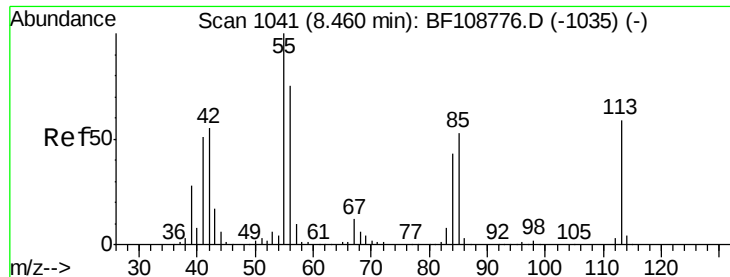
#34
Hexachlorobutadiene
Concen: 38.023 ng
RT: 8.17 min Scan# 991
Delta R.T. -0.00 min
Lab File: BF108825.D
Acq: 6 Sep 2018 16:08

Tgt Ion:	225	Resp:	440642
Ion	Ratio	Lower	Upper
225	100		
223	63.7	50.6	76.0
227	64.8	51.9	77.9



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

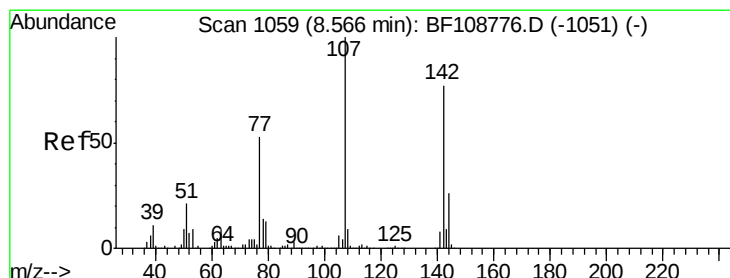
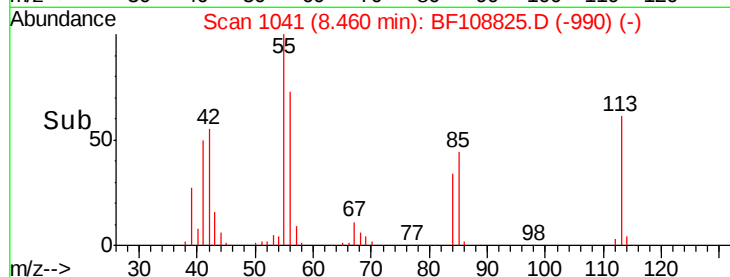
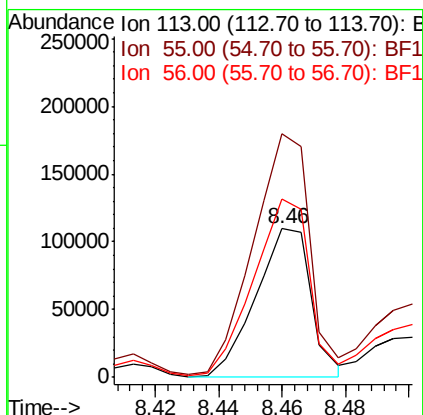
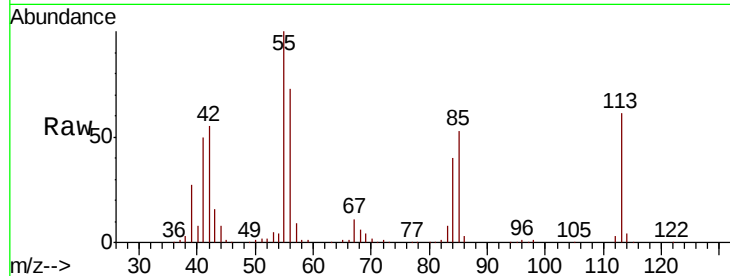




#35
Caprolactam
Concen: 21.809 ng
RT: 8.46 min Scan# 1041
Delta R.T. -0.00 min
Lab File: BF108825.D
Acq: 6 Sep 2018 16:08

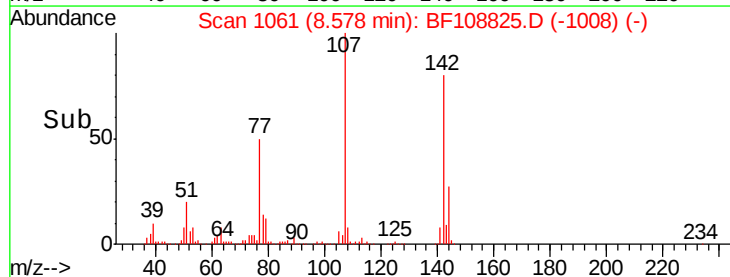
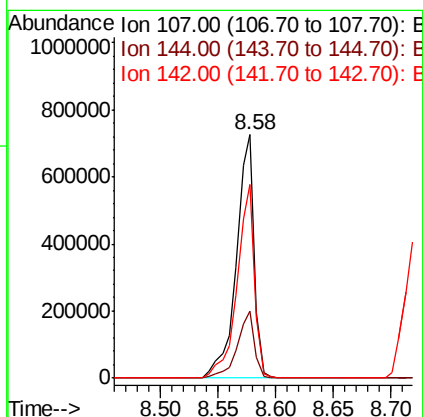
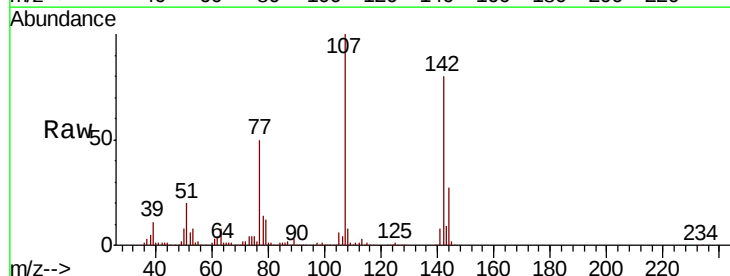
Instrument :
BNA_F
ClientSampleId :

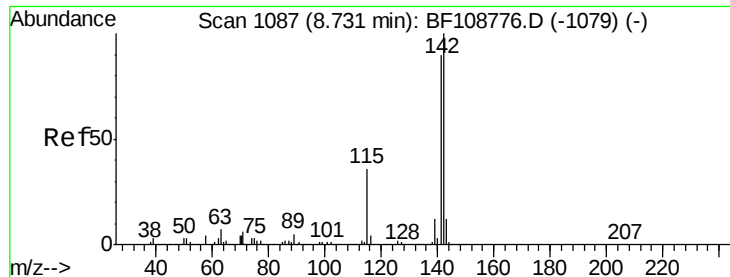
Tot Ion:113 Resp: 132283
Ion Ratio Lower Upper
113 100
55 163.6 163.3 203.3
56 119.6 115.7 155.7



#36
4-Chloro-3-methylphenol
Concen: 40.585 ng
RT: 8.58 min Scan# 1061
Delta R.T. 0.01 min
Lab File: BF108825.D
Acq: 6 Sep 2018 16:08

Tgt Ion:107 Resp: 773906
Ion Ratio Lower Upper
107 100
144 27.3 20.5 30.7
142 79.6 62.0 93.0

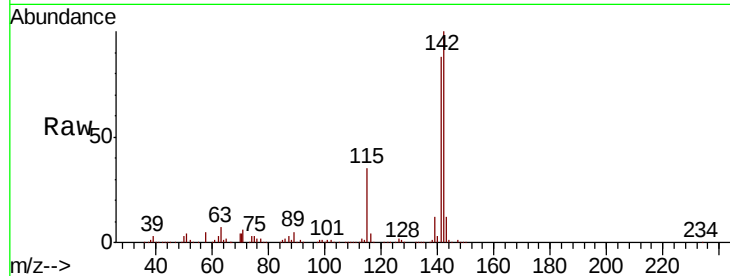




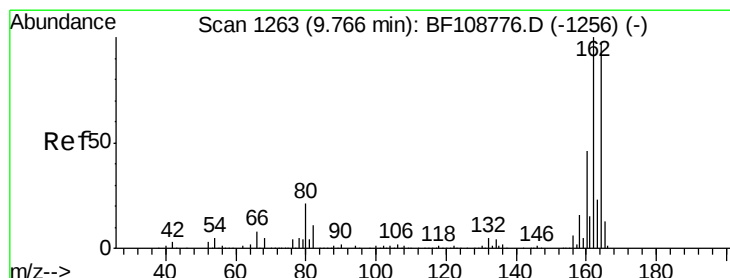
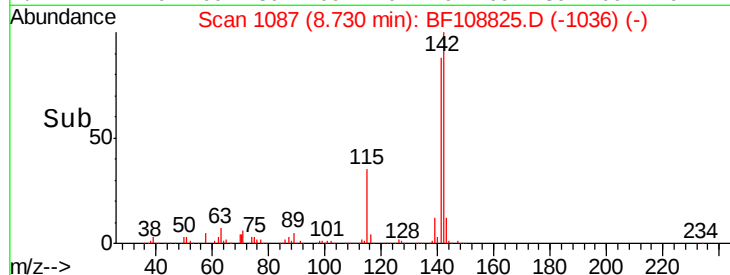
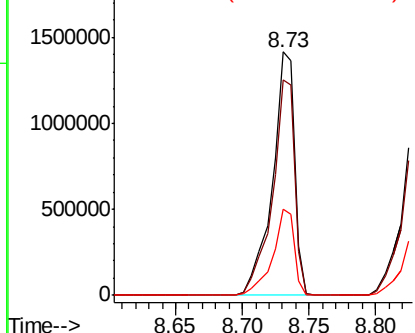
#37
2-Methylnaphthalene
Concen: 43.806 ng
RT: 8.73 min Scan# 1087
Delta R.T. -0.00 min
Lab File: BF108825.D
Acq: 6 Sep 2018 16:08

Instrument :
BNA_F
ClientSampleId :

Tot Ion:142 Resp: 1647791
Ion Ratio Lower Upper
142 100
141 88.4 70.8 106.2
115 35.3 26.1 39.1

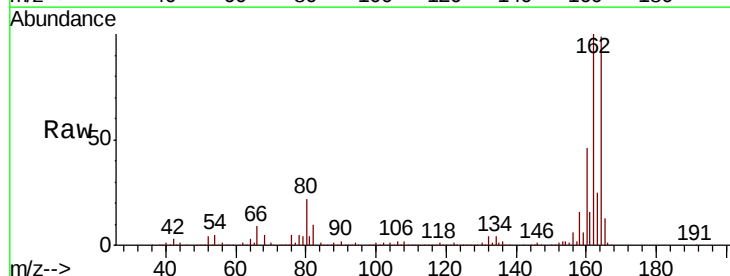


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

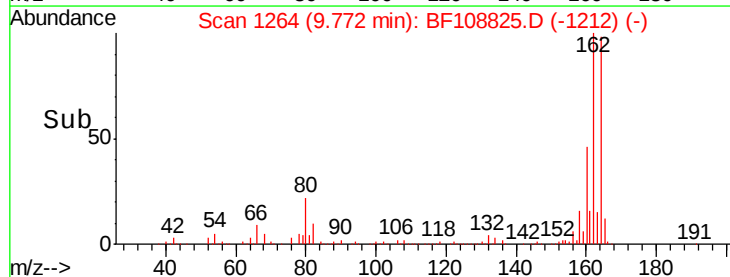
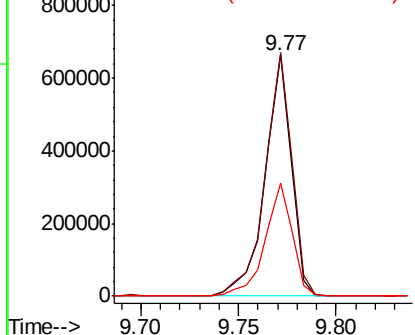


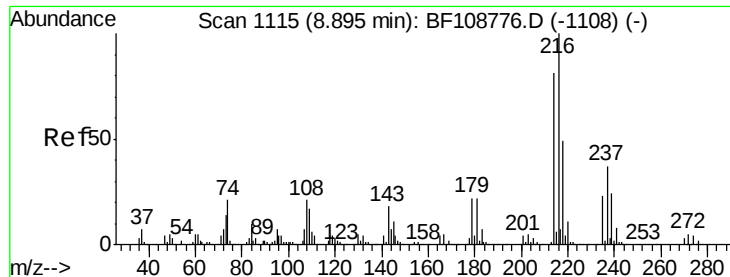
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.77 min Scan# 1264
Delta R.T. 0.01 min
Lab File: BF108825.D
Acq: 6 Sep 2018 16:08

Tgt Ion:164 Resp: 618591
Ion Ratio Lower Upper
164 100
162 101.1 86.1 129.1
160 47.0 38.3 57.5



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

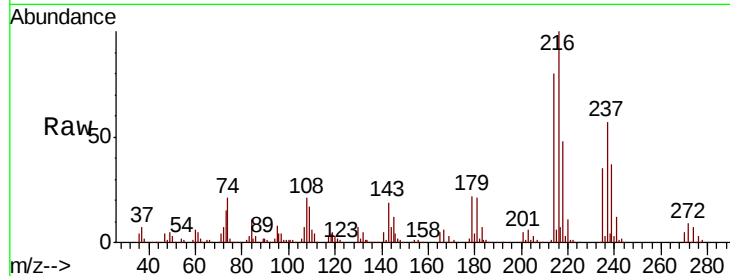




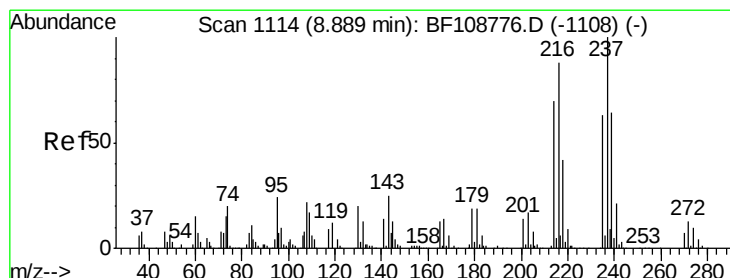
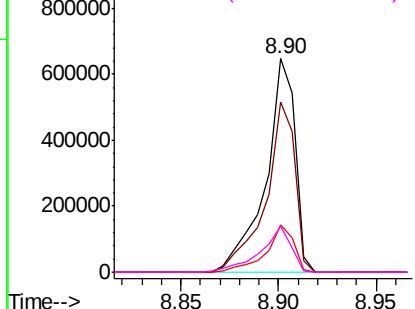
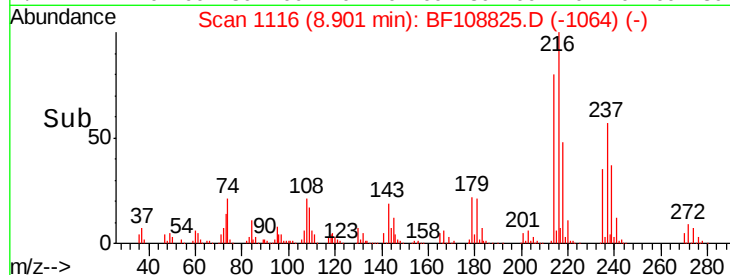
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 36.717 ng
 RT: 8.90 min Scan# 1116
 Delta R.T. 0.01 min
 Lab File: BF108825.D
 Acq: 6 Sep 2018 16:08

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:216	Resp:	678958
Ion Ratio	Lower	Upper
216	100	
214	78.9	63.0 94.4
179	20.9	18.1 27.1
108	22.1	17.2 25.8

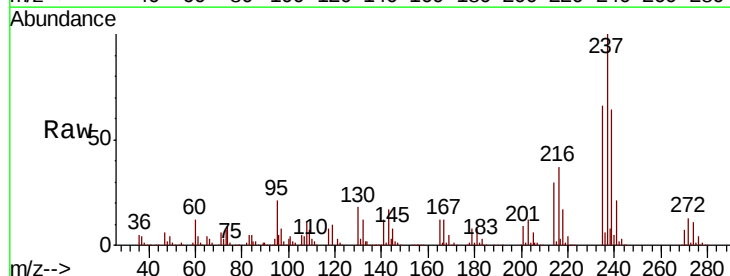


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

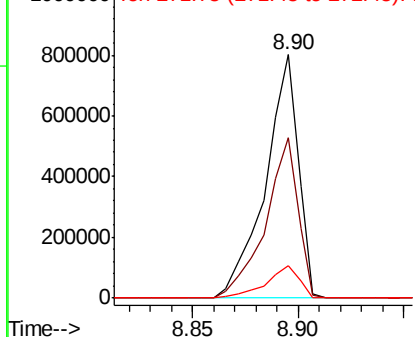
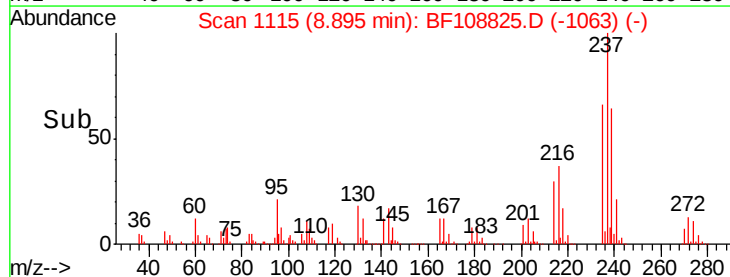


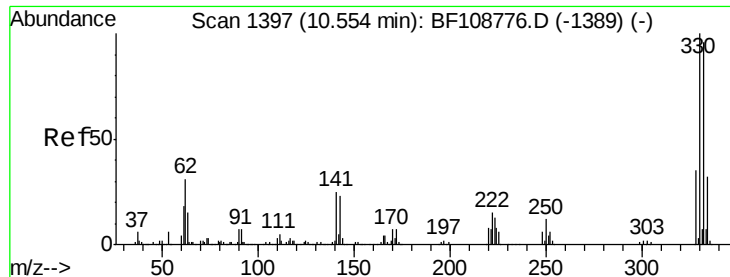
#40
 Hexachlorocyclopentadiene
 Concen: 93.600 ng
 RT: 8.90 min Scan# 1115
 Delta R.T. 0.01 min
 Lab File: BF108825.D
 Acq: 6 Sep 2018 16:08

Tgt Ion:237	Resp:	870733
Ion Ratio	Lower	Upper
237	100	
235	65.8	44.8 84.8
272	13.3	0.0 33.3



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

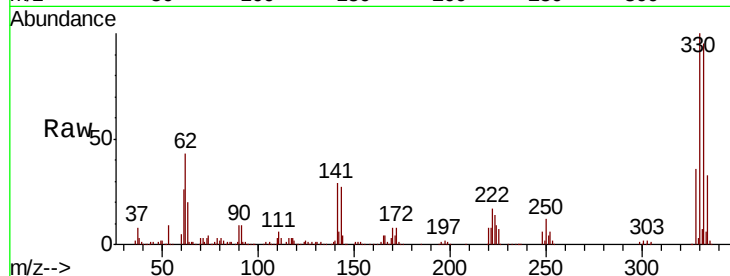




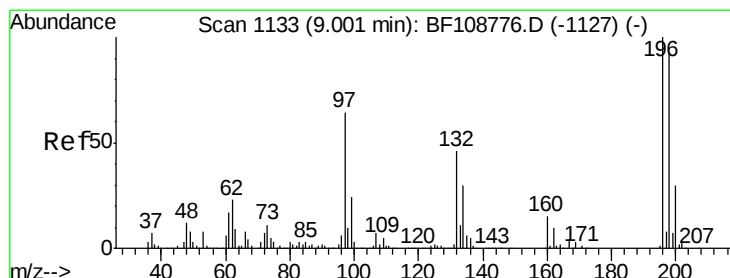
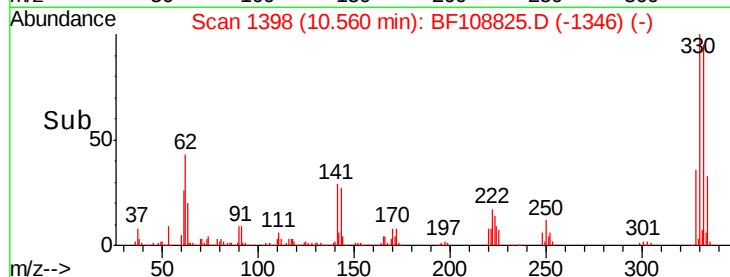
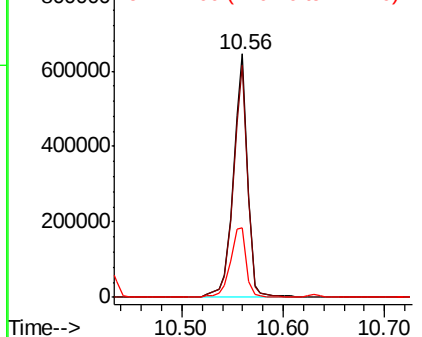
#41
 2,4,6-Tribromophenol
 Concen: 106.657 ng
 RT: 10.56 min Scan# 1398
 Delta R.T. 0.01 min
 Lab File: BF108825.D
 Acq: 6 Sep 2018 16:08

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.0	77.0	115.6
141	32.1	29.9	44.9

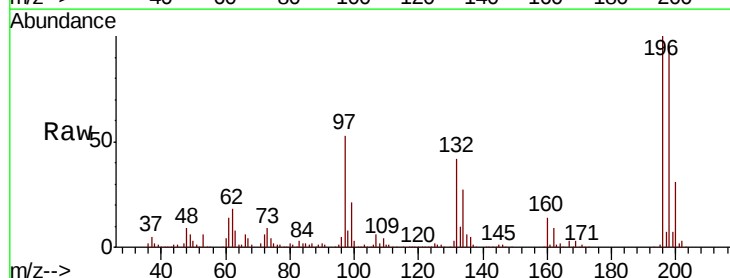


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

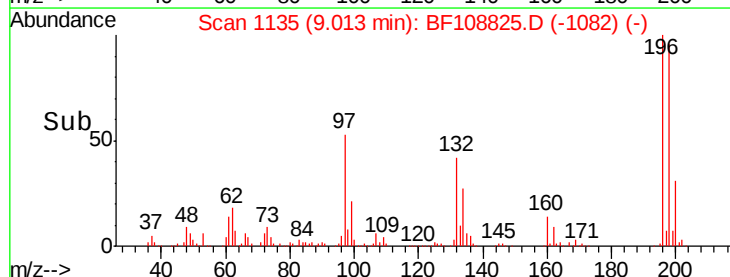
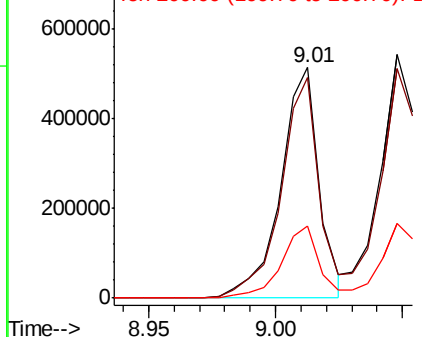


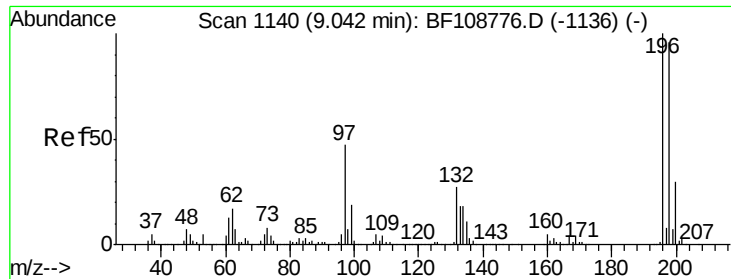
#42
 2,4,6-Trichlorophenol
 Concen: 42.938 ng
 RT: 9.01 min Scan# 1135
 Delta R.T. 0.01 min
 Lab File: BF108825.D
 Acq: 6 Sep 2018 16:08

Tgt Ion	Ratio	Lower	Upper
196	100		
198	95.8	75.7	113.5
200	31.3	24.5	36.7



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

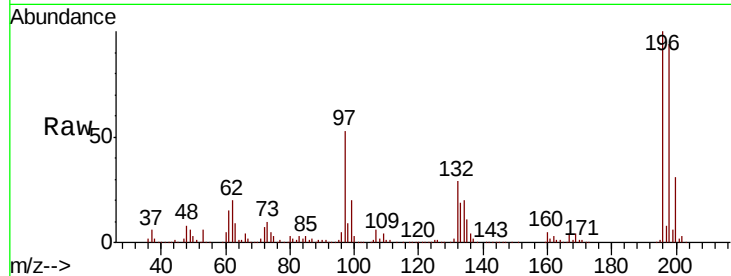




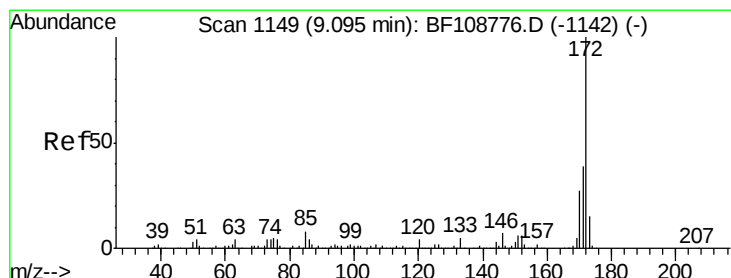
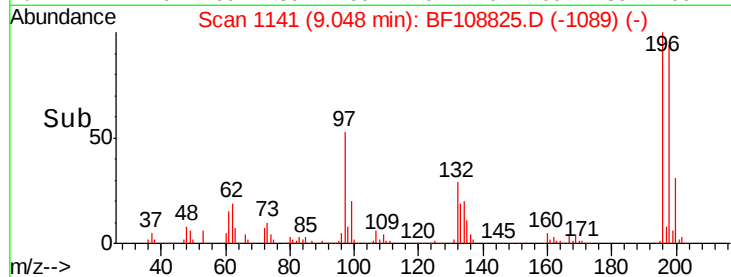
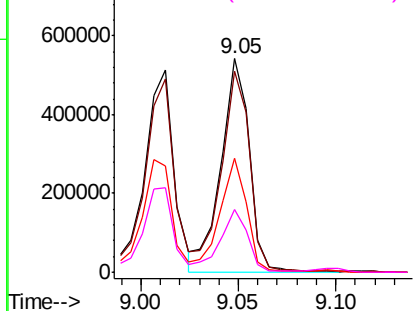
#43
 2,4,5-Trichlorophenol
 Concen: 41.730 ng
 RT: 9.05 min Scan# 1141
 Delta R.T. 0.01 min
 Lab File: BF108825.D
 Acq: 6 Sep 2018 16:08

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:196 Resp: 544813
 Ion Ratio Lower Upper
 196 100
 198 94.1 74.6 112.0
 97 53.1 42.9 64.3
 132 29.2 26.3 39.5

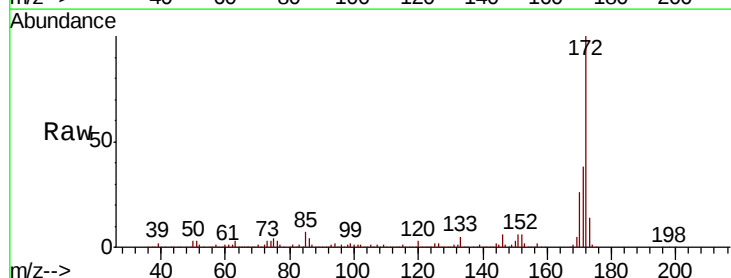


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E

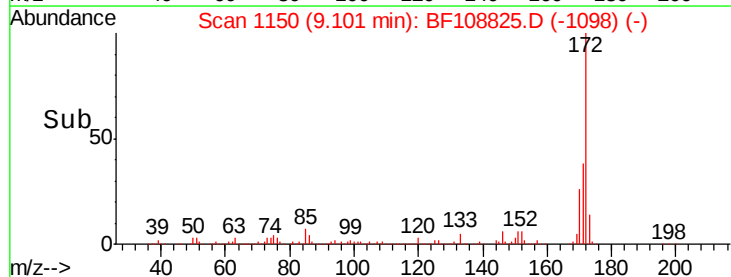
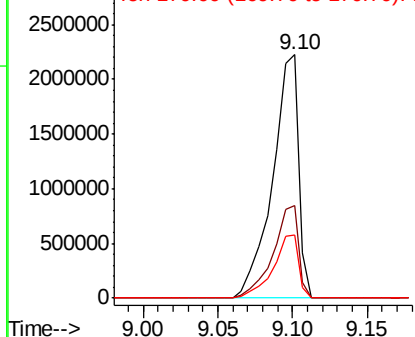


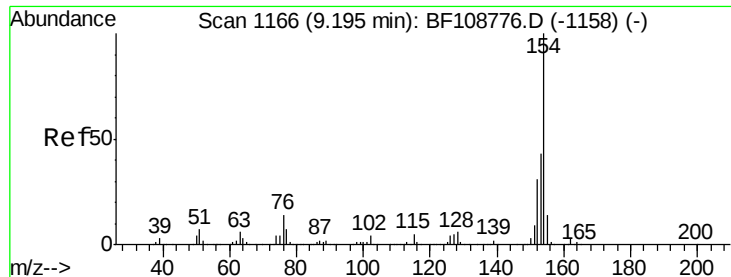
#44
 2-Fluorobiphenyl
 Concen: 75.017 ng
 RT: 9.10 min Scan# 1150
 Delta R.T. 0.01 min
 Lab File: BF108825.D
 Acq: 6 Sep 2018 16:08

Tgt Ion:172 Resp: 2720136
 Ion Ratio Lower Upper
 172 100
 171 38.0 29.7 44.5
 170 26.2 19.6 29.4



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

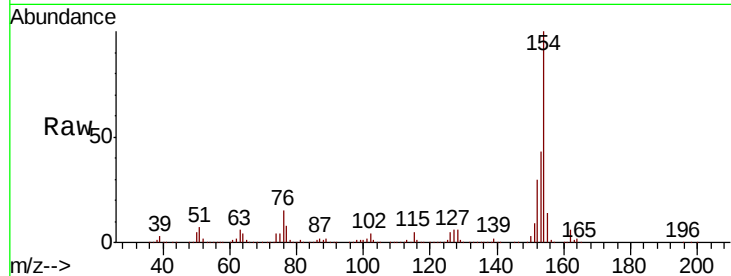




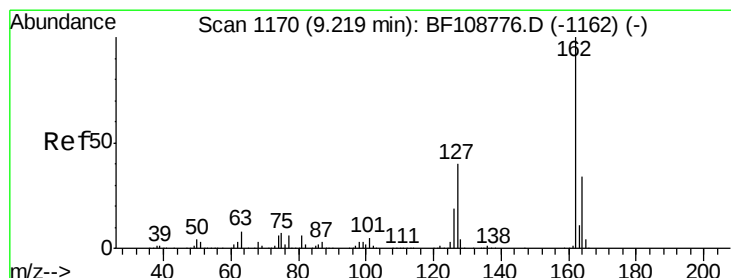
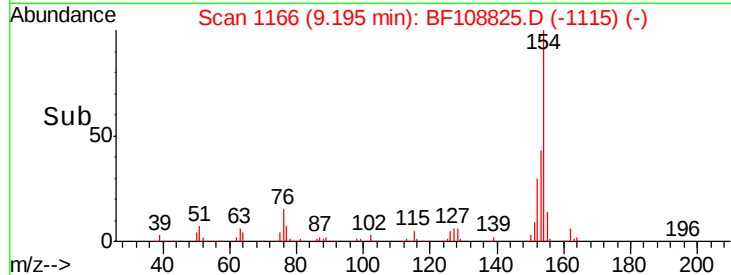
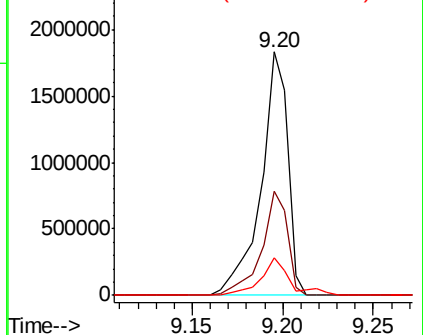
#45
 1,1'-Biphenyl
 Concen: 39.503 ng
 RT: 9.20 min Scan# 1166
 Delta R.T. -0.00 min
 Lab File: BF108825.D
 Acq: 6 Sep 2018 16:08

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:154 Resp: 1881248
 Ion Ratio Lower Upper
 154 100
 153 42.6 21.3 61.3
 76 15.3 0.0 34.0

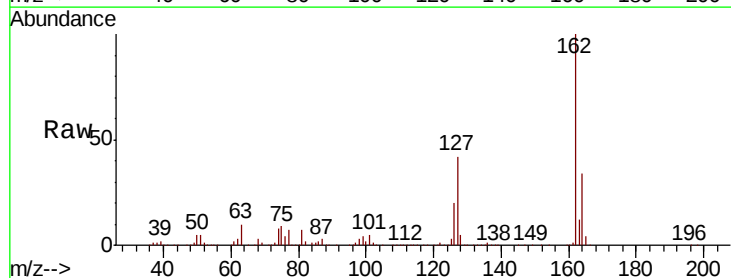


Abundance Ion 154.00 (153.70 to 154.70): E
 2500000 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF1

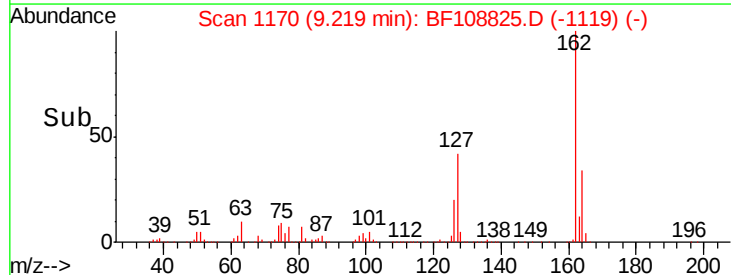
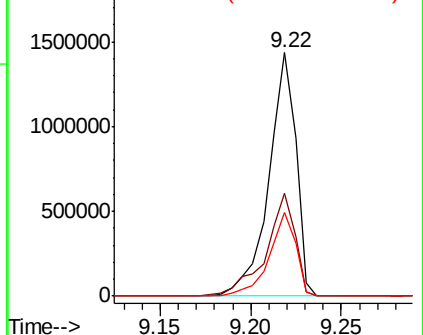


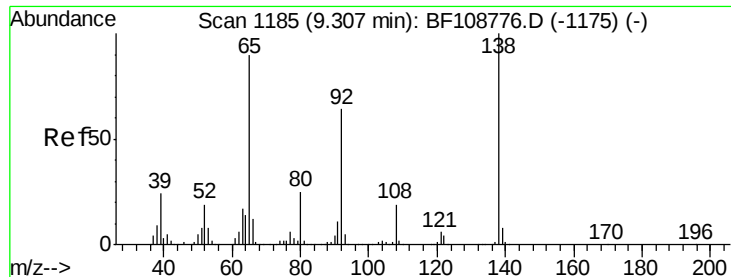
#46
 2-Chloronaphthalene
 Concen: 38.666 ng
 RT: 9.22 min Scan# 1170
 Delta R.T. -0.00 min
 Lab File: BF108825.D
 Acq: 6 Sep 2018 16:08

Tgt Ion:162 Resp: 1489212
 Ion Ratio Lower Upper
 162 100
 127 42.4 33.9 50.9
 164 34.2 26.5 39.7



Abundance Ion 162.00 (161.70 to 162.70): E
 2000000 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

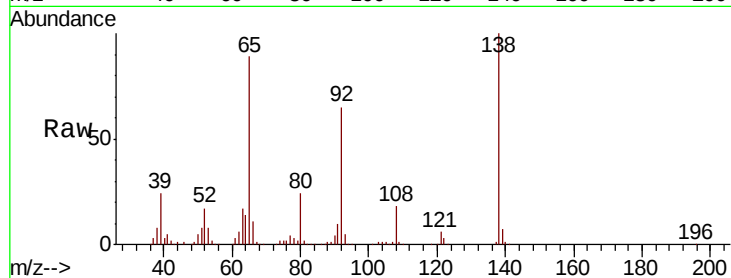




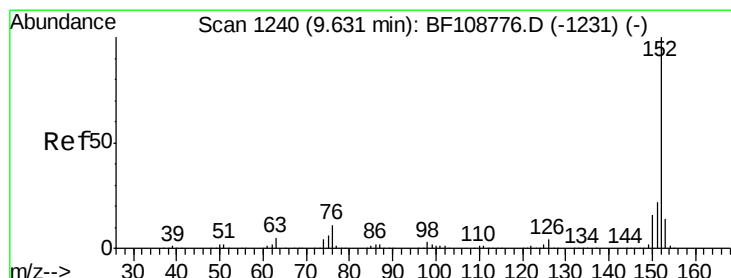
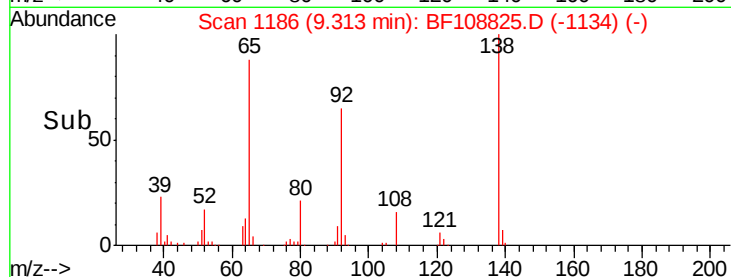
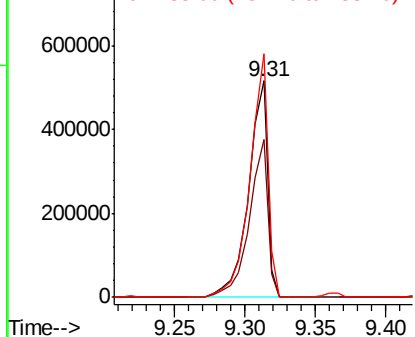
#47
2-Nitroaniline
Concen: 46.250 ng
RT: 9.31 min Scan# 1186
Delta R.T. 0.01 min
Lab File: BF108825.D
Acq: 6 Sep 2018 16:08

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 65 Resp: 486629
Ion Ratio Lower Upper
65 100
92 72.8 55.8 83.6
138 112.6 91.2 136.8

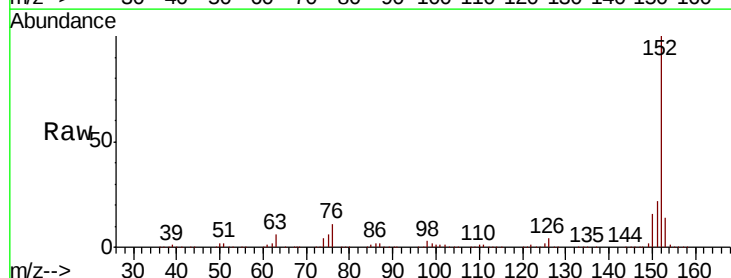


Abundance Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1
Ion 138.00 (137.70 to 138.70): BF1

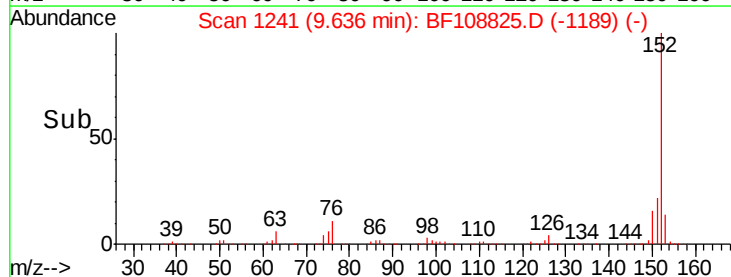
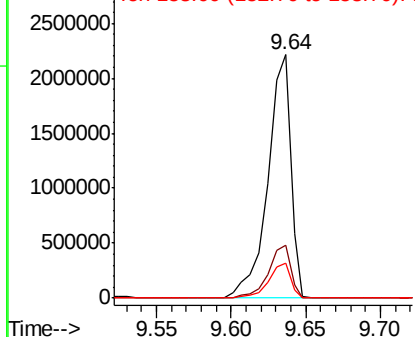


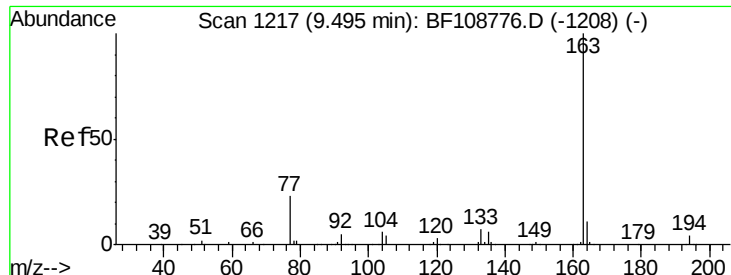
#48
Acenaphthylene
Concen: 41.093 ng
RT: 9.64 min Scan# 1241
Delta R.T. 0.01 min
Lab File: BF108825.D
Acq: 6 Sep 2018 16:08

Tgt Ion: 152 Resp: 2359129
Ion Ratio Lower Upper
152 100
151 21.7 16.3 24.5
153 14.2 10.7 16.1



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E

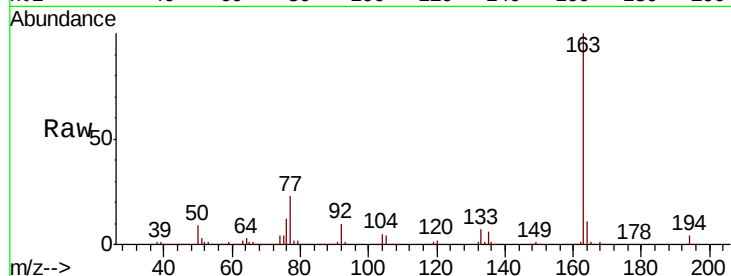




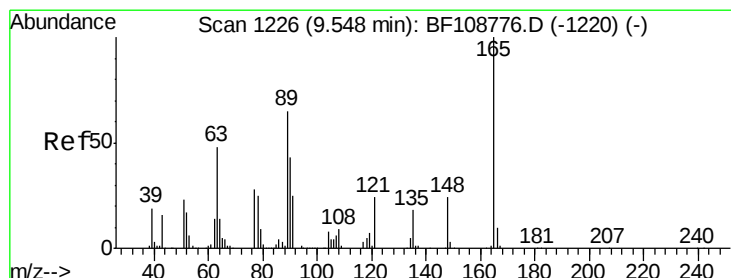
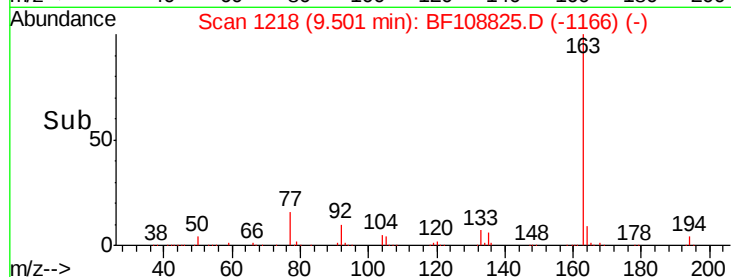
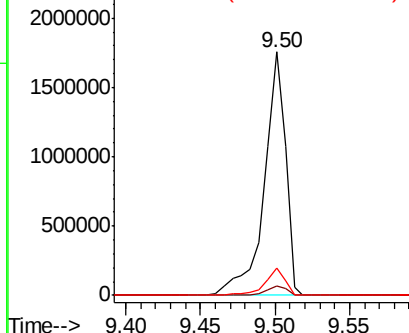
#49
Dimethylphthalate
Concen: 39.840 ng
RT: 9.50 min Scan# 1218
Delta R.T. 0.01 min
Lab File: BF108825.D
Acq: 6 Sep 2018 16:08

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 1723747
Ion Ratio Lower Upper
163 100
194 4.0 2.7 4.1
164 11.0 8.2 12.2

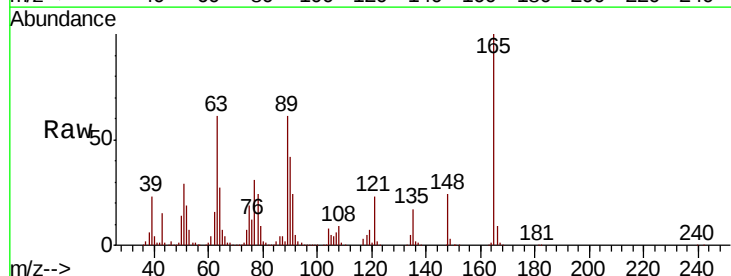


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

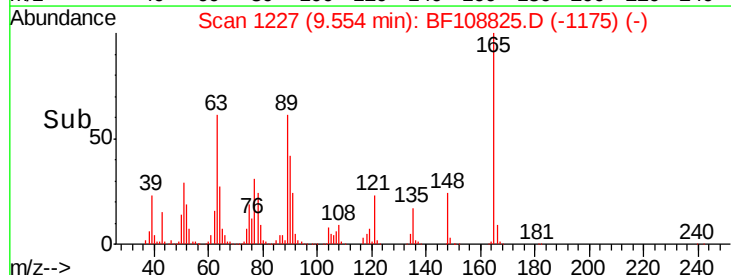
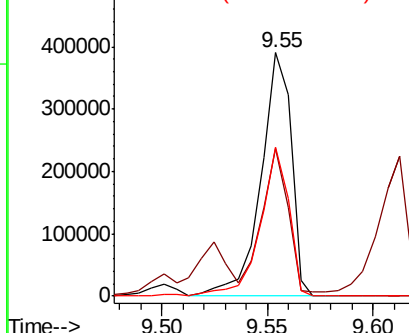


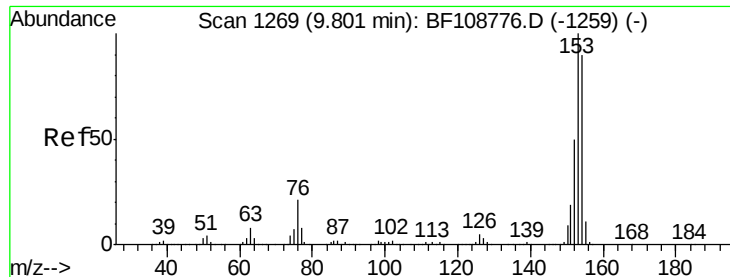
#50
2,6-Dinitrotoluene
Concen: 47.275 ng
RT: 9.55 min Scan# 1227
Delta R.T. 0.01 min
Lab File: BF108825.D
Acq: 6 Sep 2018 16:08

Tgt Ion:165 Resp: 389751
Ion Ratio Lower Upper
165 100
63 60.9 44.7 67.1
89 61.0 44.0 66.0



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





#51

Acenaphthene

Concen: 43.266 ng

RT: 9.81 min Scan# 1270

Delta R.T. 0.01 min

Lab File: BF108825.D

Acq: 6 Sep 2018 16:08

Instrument :

BNA_F

ClientSampleId :

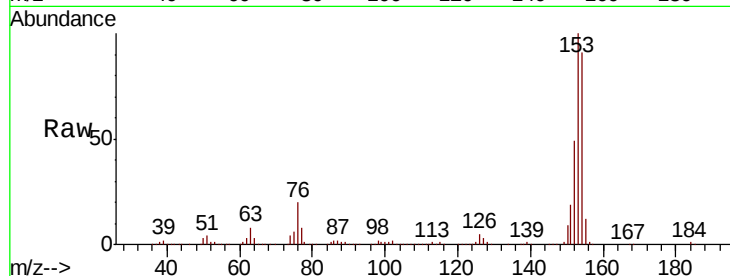
Tot Ion:154 Resp: 1537081

Ion Ratio Lower Upper

154 100

153 110.1 91.2 136.8

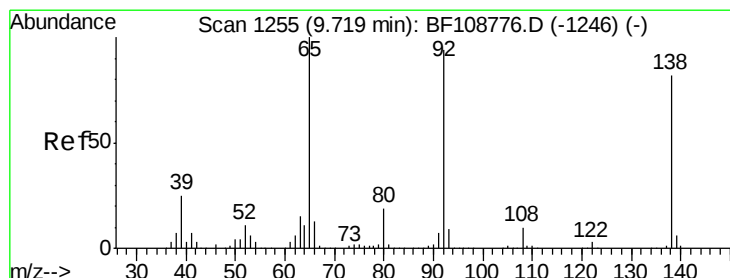
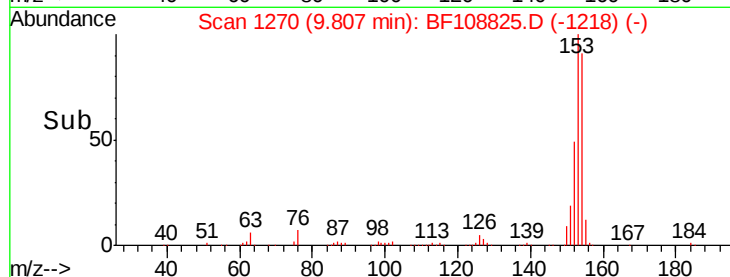
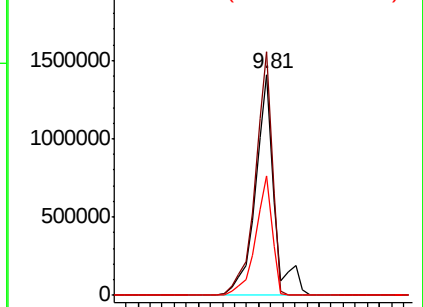
152 54.2 43.8 65.8



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



#52

3-Nitroaniline

Concen: 33.534 ng

RT: 9.72 min Scan# 1255

Delta R.T. -0.00 min

Lab File: BF108825.D

Acq: 6 Sep 2018 16:08

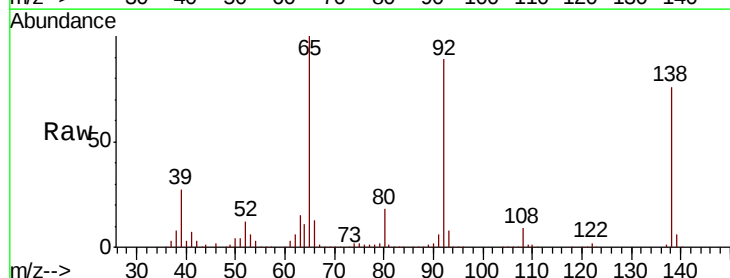
Tgt Ion:138 Resp: 329093

Ion Ratio Lower Upper

138 100

108 11.4 9.4 14.0

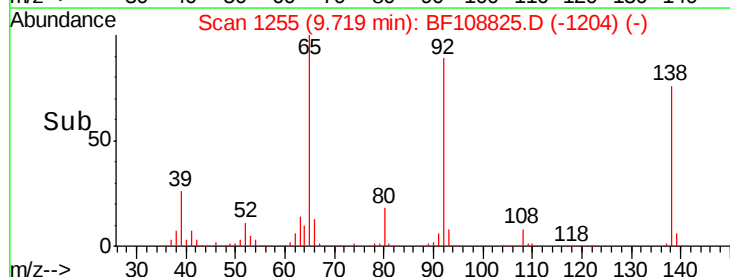
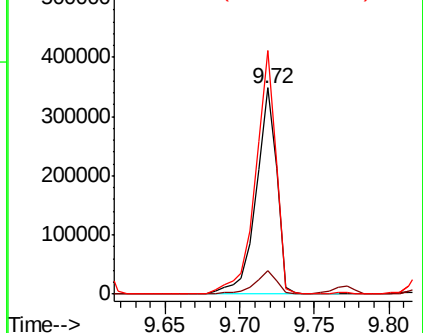
92 118.0 89.4 134.2

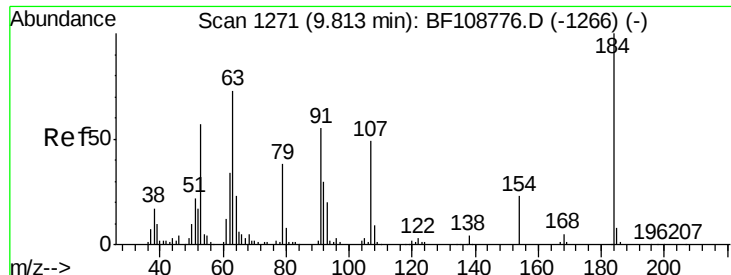


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

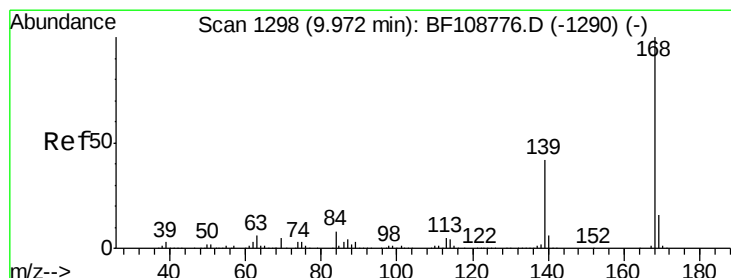
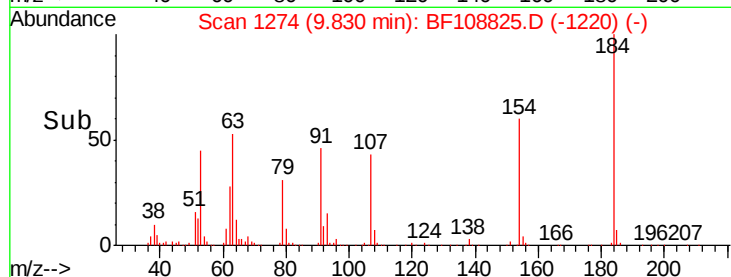
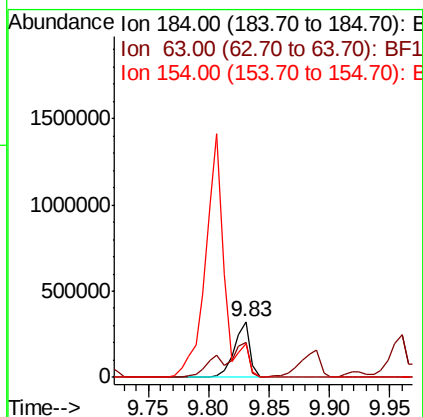
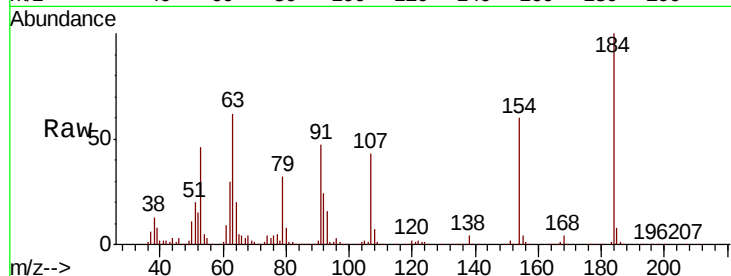




#53
 2,4-Dinitrophenol
 Concen: 95.184 ng
 RT: 9.83 min Scan# 1274
 Delta R.T. 0.02 min
 Lab File: BF108825.D
 Acq: 6 Sep 2018 16:08

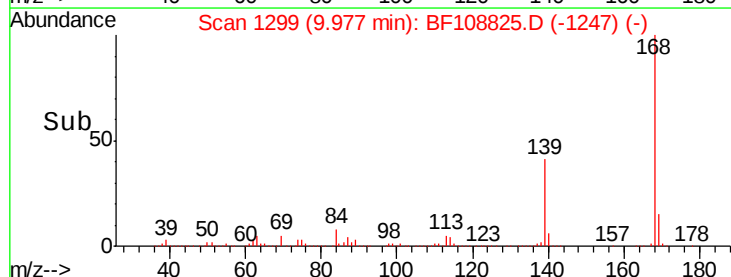
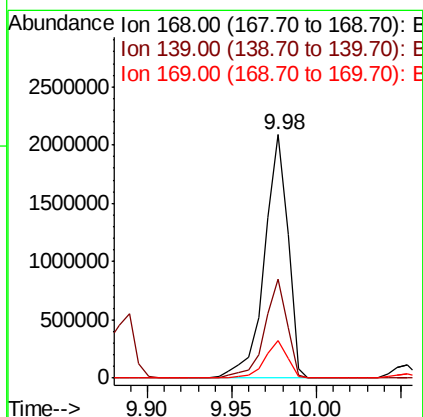
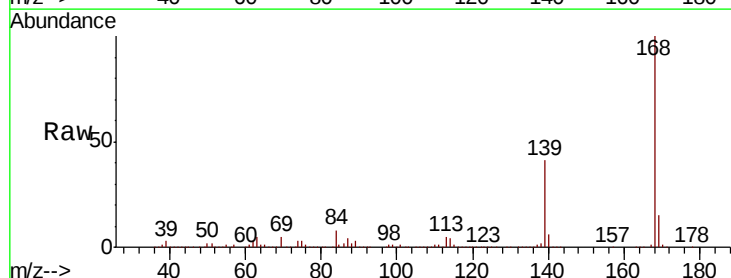
Instrument :
 BNA_F
 ClientSampleId :

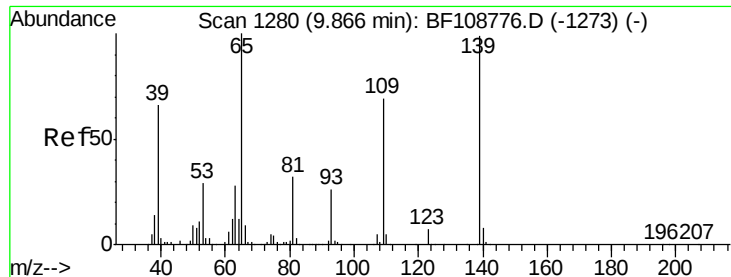
Tot Ion:184 Resp: 294312
 Ion Ratio Lower Upper
 184 100
 63 62.3 54.2 81.2
 154 59.7 184.0 276.0#



#54
 Dibenzofuran
 Concen: 38.596 ng
 RT: 9.98 min Scan# 1299
 Delta R.T. 0.01 min
 Lab File: BF108825.D
 Acq: 6 Sep 2018 16:08

Tgt Ion:168 Resp: 1998763
 Ion Ratio Lower Upper
 168 100
 139 40.8 30.1 45.1
 169 15.5 10.9 16.3

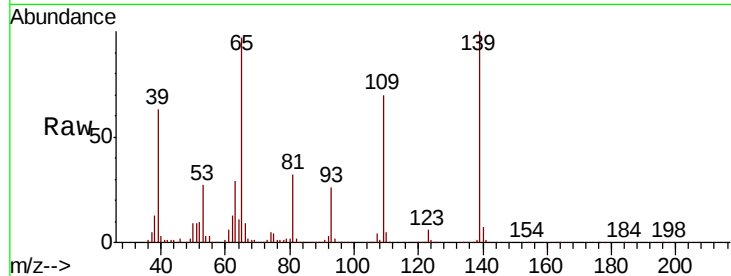




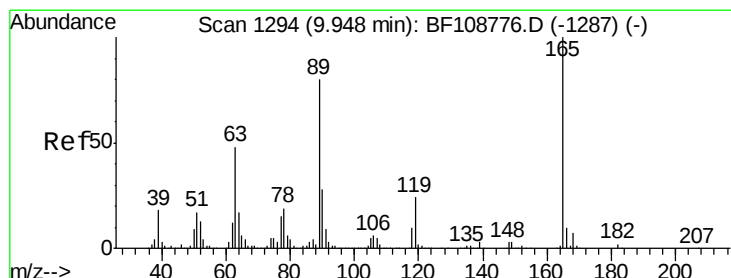
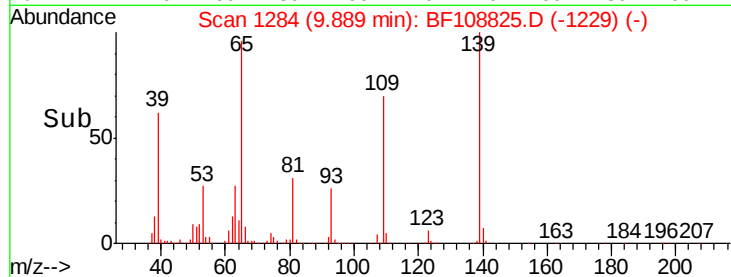
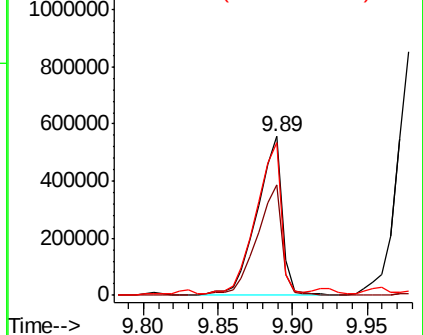
#55
4-Nitrophenol
Concen: 87.533 ng
RT: 9.89 min Scan# 1284
Delta R.T. 0.02 min
Lab File: BF108825.D
Acq: 6 Sep 2018 16:08

Instrument :
BNA_F
ClientSampleId :

Tot Ion:139 Resp: 642202
Ion Ratio Lower Upper
139 100
109 69.8 48.4 88.4
65 96.7 72.6 112.6

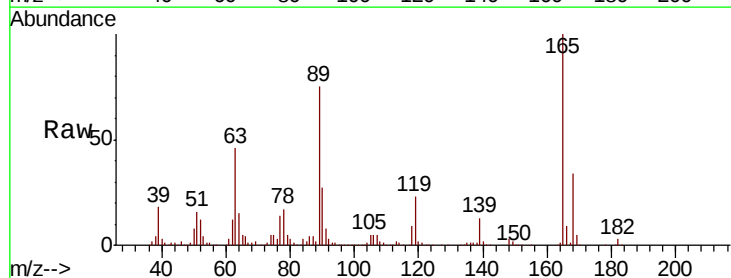


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1

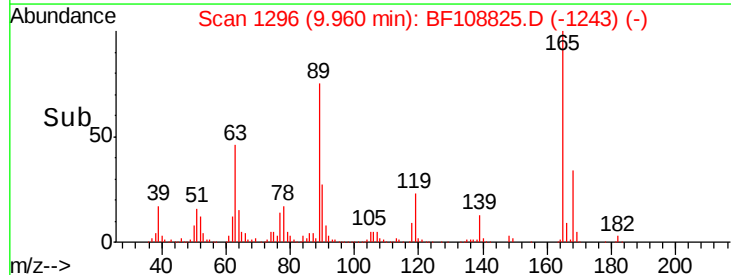
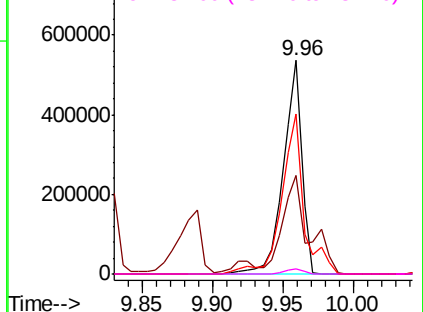


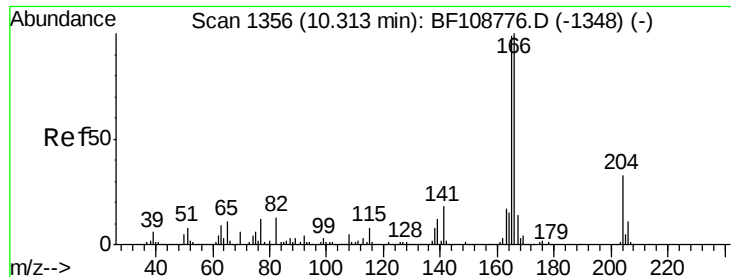
#56
2,4-Dinitrotoluene
Concen: 46.285 ng
RT: 9.96 min Scan# 1296
Delta R.T. 0.01 min
Lab File: BF108825.D
Acq: 6 Sep 2018 16:08

Tgt Ion:165 Resp: 488000
Ion Ratio Lower Upper
165 100
63 46.0 36.4 54.6
89 75.2 57.8 86.6
182 2.6 1.6 2.4#



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

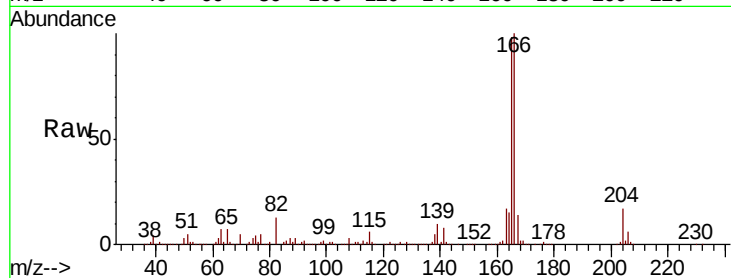




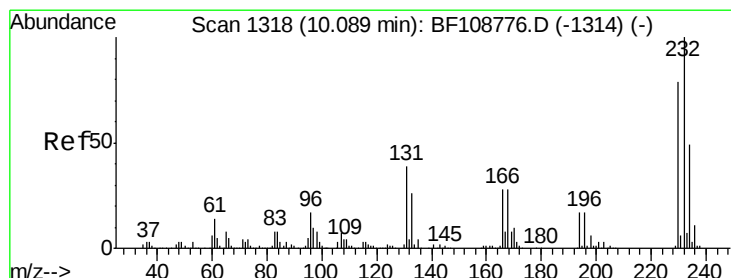
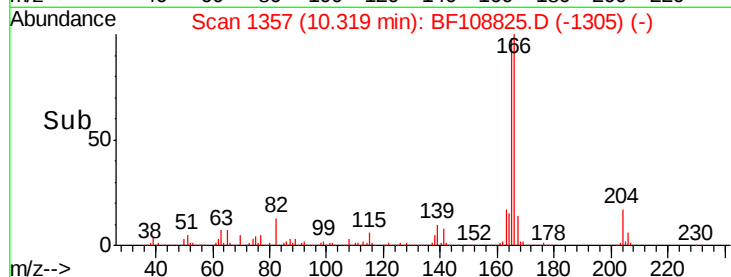
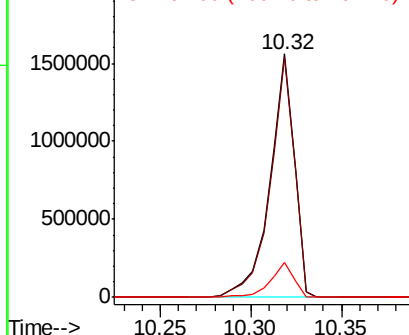
#57
 Fluorene
 Concen: 43.620 ng
 RT: 10.32 min Scan# 1357
 Delta R.T. 0.01 min
 Lab File: BF108825.D
 Acq: 6 Sep 2018 16:08

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:166 Resp: 1449615
 Ion Ratio Lower Upper
 166 100
 165 98.5 79.8 119.8
 167 14.3 10.6 16.0



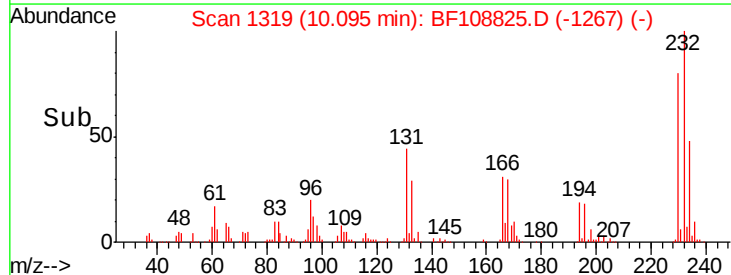
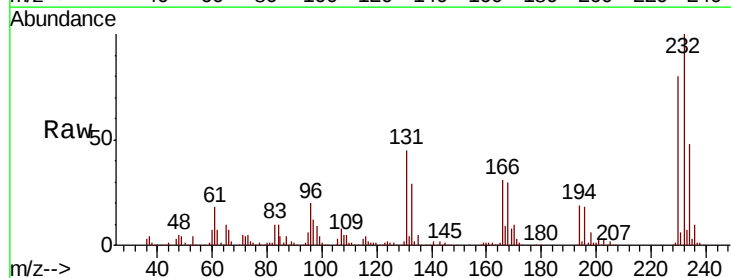
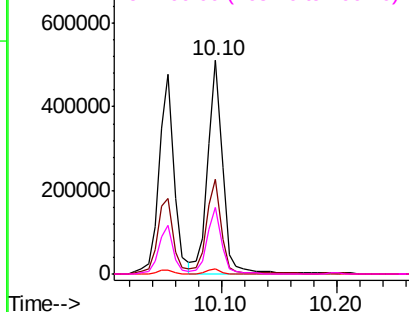
Abundance Ion 166.00 (165.70 to 166.70): E
 Ion 165.00 (164.70 to 165.70): E
 Ion 167.00 (166.70 to 167.70): E

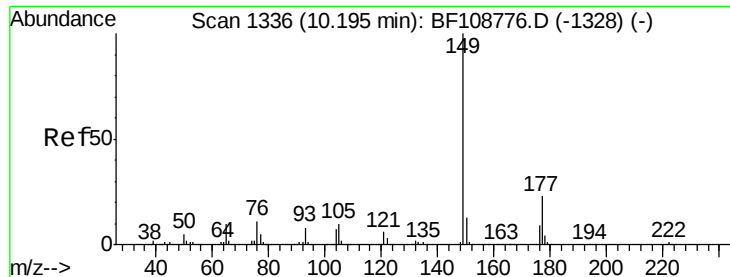


#58
 2,3,4,6-Tetrachlorophenol
 Concen: 43.464 ng
 RT: 10.10 min Scan# 1319
 Delta R.T. 0.01 min
 Lab File: BF108825.D
 Acq: 6 Sep 2018 16:08

Tgt Ion:232 Resp: 457610
 Ion Ratio Lower Upper
 232 100
 131 44.6 43.8 65.8
 130 2.2 2.1 3.1
 166 29.9 27.8 41.6

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

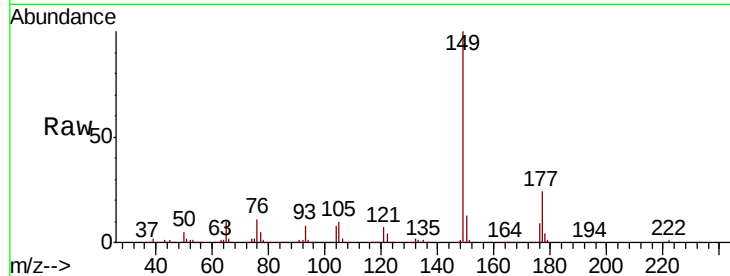




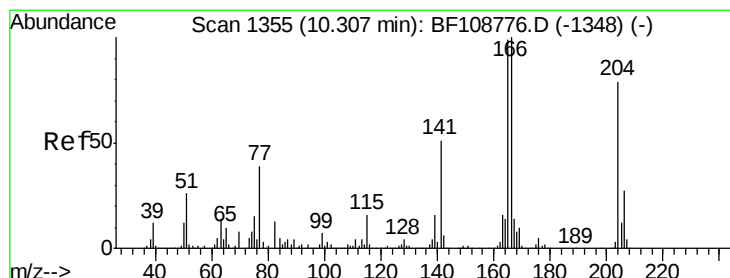
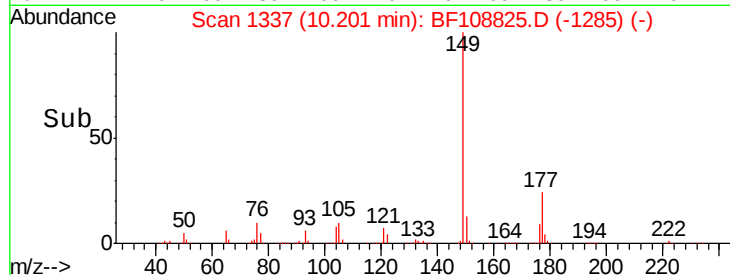
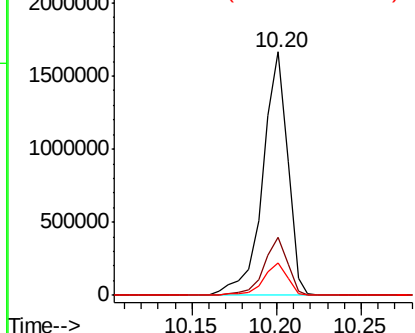
#59
Diethylphthalate
Concen: 38.097 ng
RT: 10.20 min Scan# 1337
Delta R.T. 0.01 min
Lab File: BF108825.D
Acq: 6 Sep 2018 16:08

Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 1701026
Ion Ratio Lower Upper
149 100
177 23.7 16.1 24.1
150 13.1 10.1 15.1

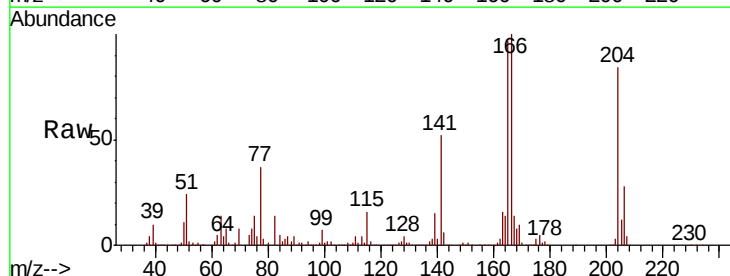


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

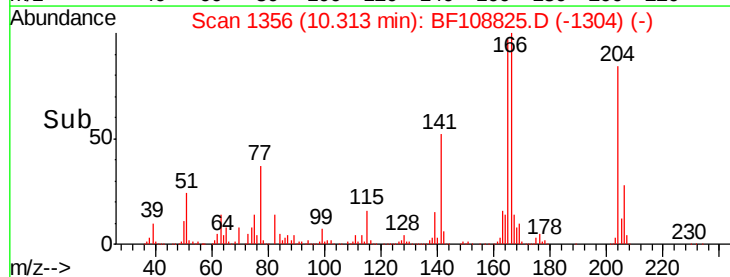
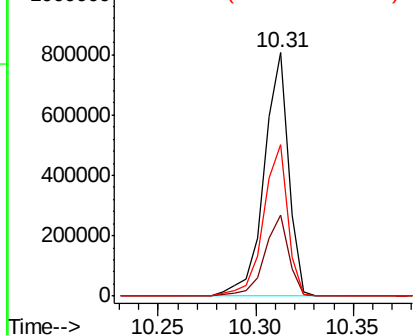


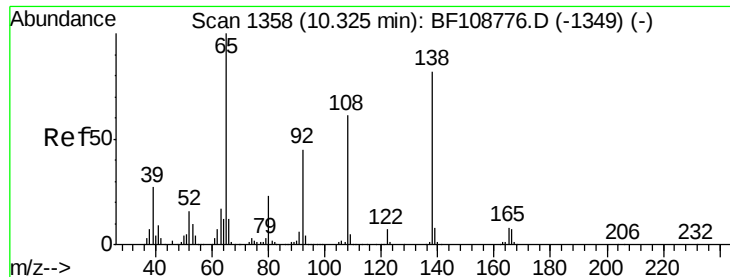
#60
4-Chlorophenyl-phenylether
Concen: 39.440 ng
RT: 10.31 min Scan# 1356
Delta R.T. 0.01 min
Lab File: BF108825.D
Acq: 6 Sep 2018 16:08

Tgt Ion:204 Resp: 700010
Ion Ratio Lower Upper
204 100
206 33.4 26.5 39.7
141 62.2 54.6 81.8



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

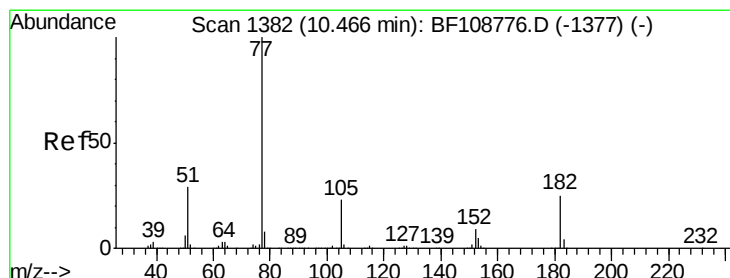
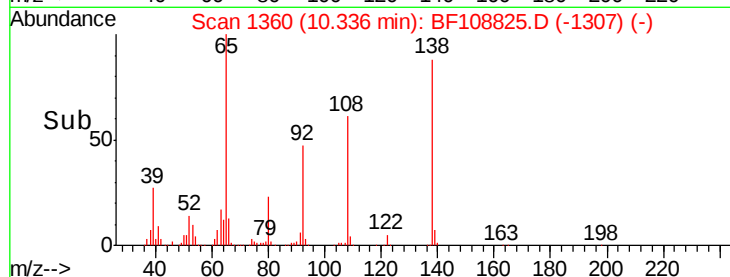
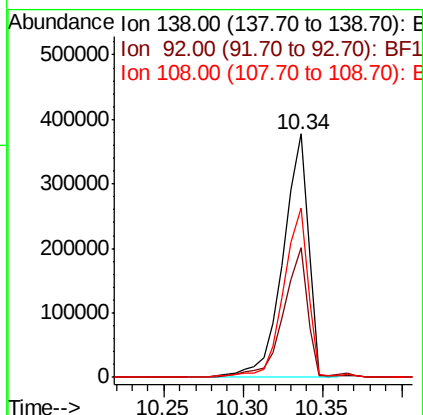
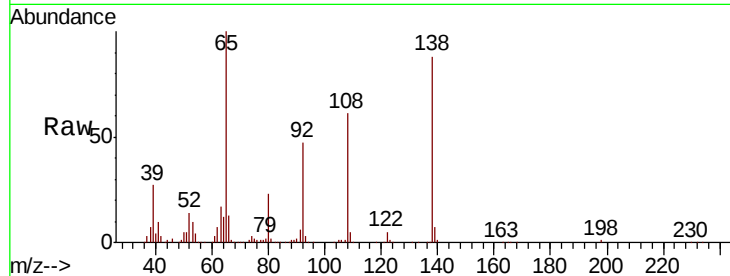




#61
4-Nitroaniline
Concen: 47.399 ng
RT: 10.34 min Scan# 1360
Delta R.T. 0.01 min
Lab File: BF108825.D
Acq: 6 Sep 2018 16:08

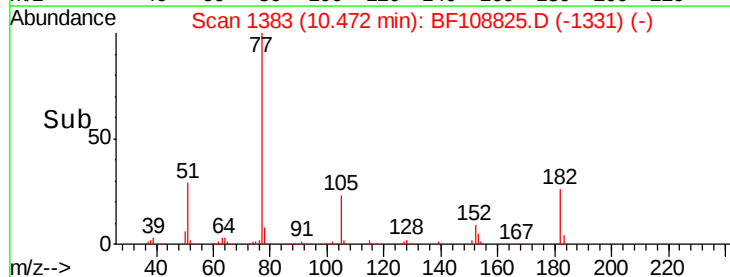
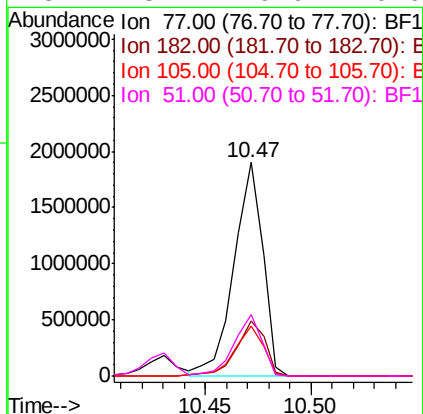
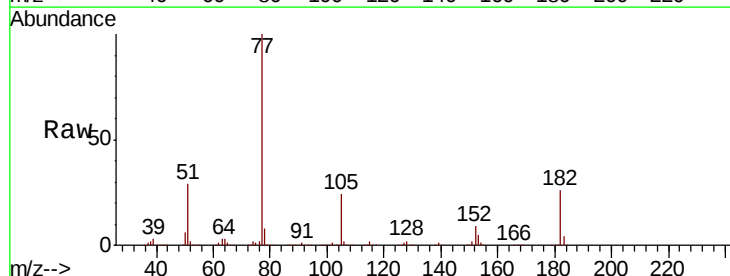
Instrument :
BNA_F
ClientSampled :

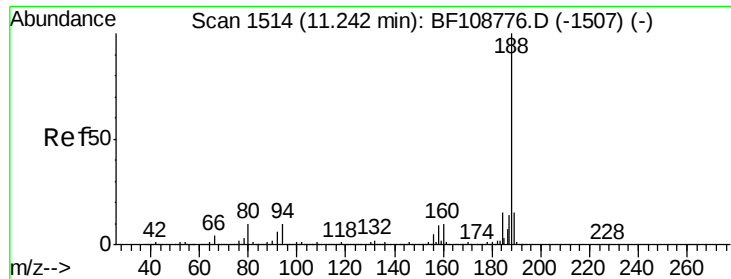
Tot Ion:138 Resp: 421402
Ion Ratio Lower Upper
138 100
92 53.3 30.2 70.2
108 69.3 52.5 92.5



#62
Azobenzene
Concen: 38.721 ng
RT: 10.47 min Scan# 1383
Delta R.T. 0.01 min
Lab File: BF108825.D
Acq: 6 Sep 2018 16:08

Tgt Ion: 77 Resp: 1784582
Ion Ratio Lower Upper
77 100
182 25.8 1.7 41.7
105 23.6 3.0 43.0
51 28.7 9.9 49.9

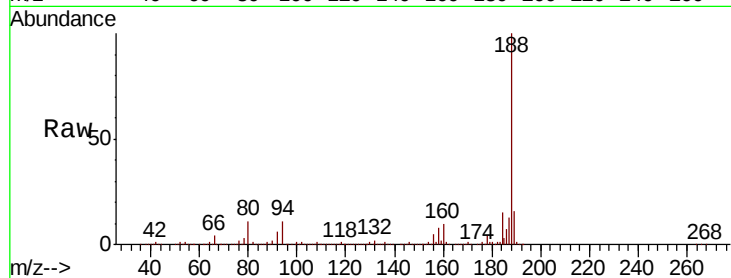




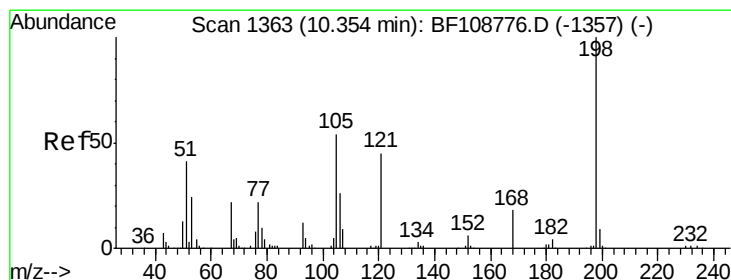
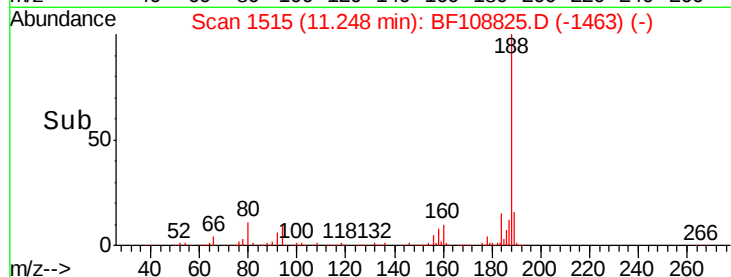
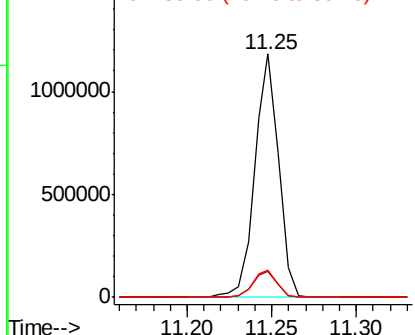
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.25 min Scan# 1515
Delta R.T. 0.01 min
Lab File: BF108825.D
Acq: 6 Sep 2018 16:08

Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 1155799
Ion Ratio Lower Upper
188 100
94 10.9 8.5 12.7
80 11.1 9.2 13.8

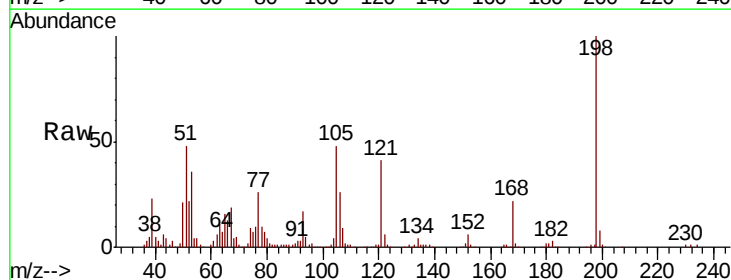


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

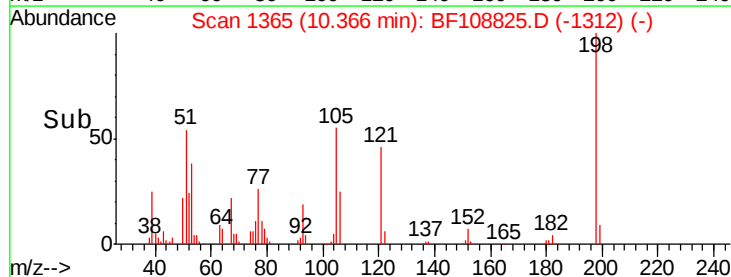
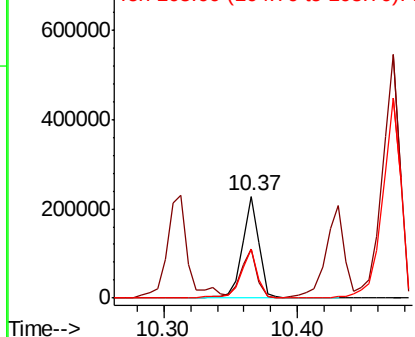


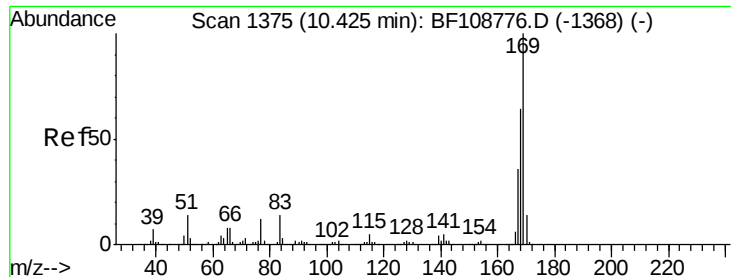
#64
4,6-Dinitro-2-methylphenol
Concen: 43.707 ng
RT: 10.37 min Scan# 1365
Delta R.T. 0.01 min
Lab File: BF108825.D
Acq: 6 Sep 2018 16:08

Tgt Ion:198 Resp: 195399
Ion Ratio Lower Upper
198 100
51 48.3 37.7 77.7
105 48.3 36.3 76.3



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

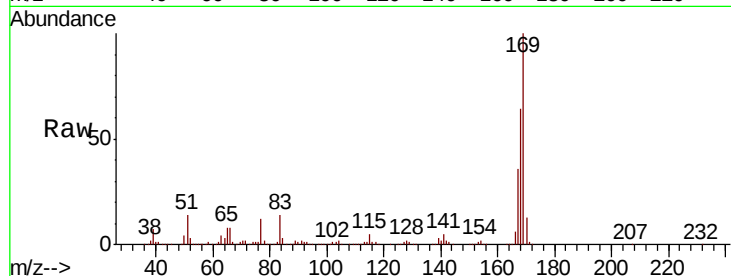




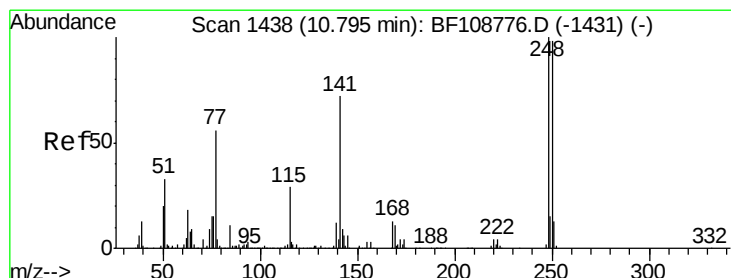
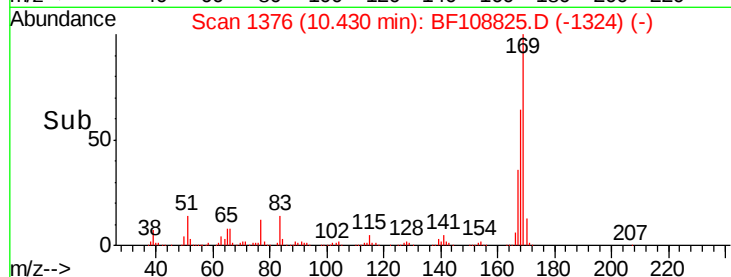
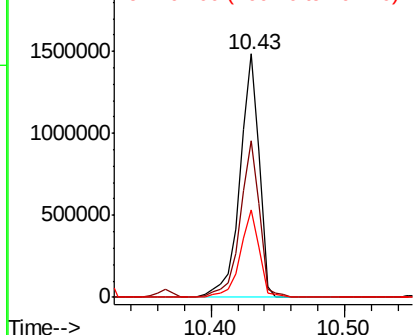
#65
 n-Nitrosodiphenylamine
 Concen: 38.426 ng
 RT: 10.43 min Scan# 1376
 Delta R.T. 0.01 min
 Lab File: BF108825.D
 Acq: 6 Sep 2018 16:08

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:169 Resp: 1476632
 Ion Ratio Lower Upper
 169 100
 168 64.4 54.4 81.6
 167 36.2 29.8 44.6

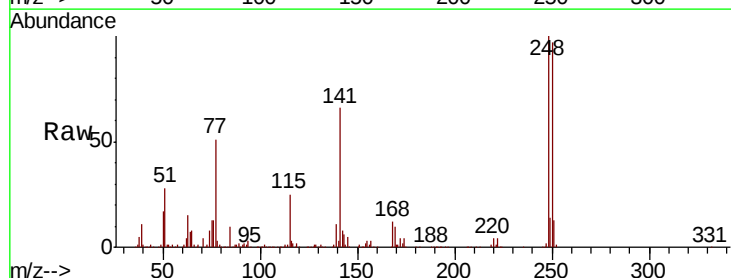


Abundance Ion 169.00 (168.70 to 169.70): E
 2000000 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

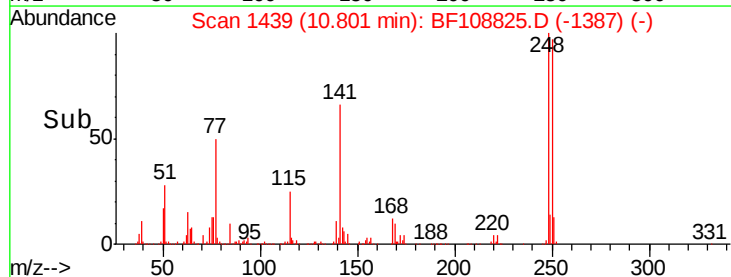
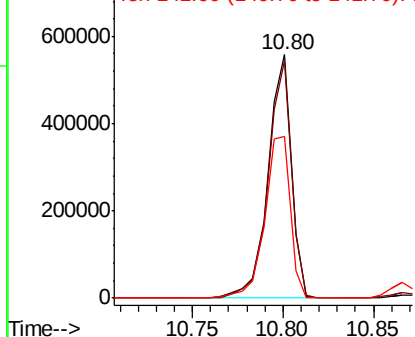


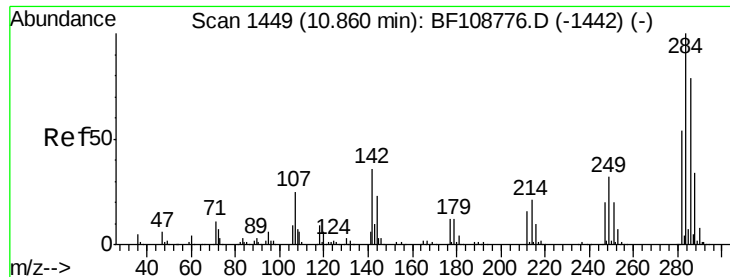
#66
 4-Bromophenyl-phenylether
 Concen: 38.273 ng
 RT: 10.80 min Scan# 1439
 Delta R.T. 0.01 min
 Lab File: BF108825.D
 Acq: 6 Sep 2018 16:08

Tgt Ion:248 Resp: 499620
 Ion Ratio Lower Upper
 248 100
 250 97.4 76.9 115.3
 141 66.4 74.4 111.6#



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

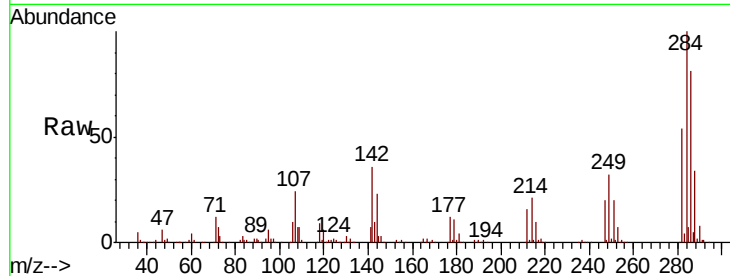




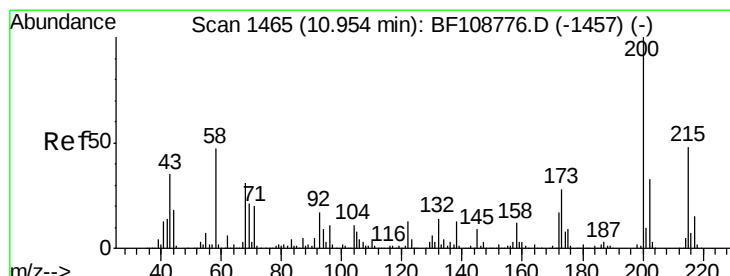
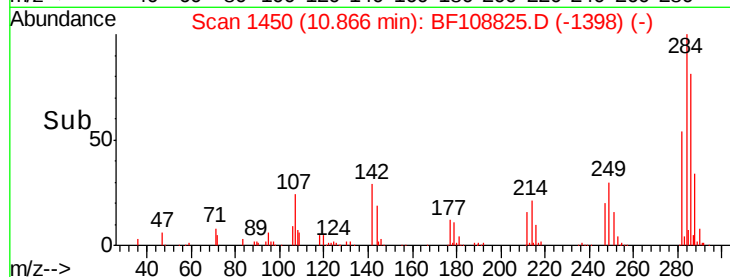
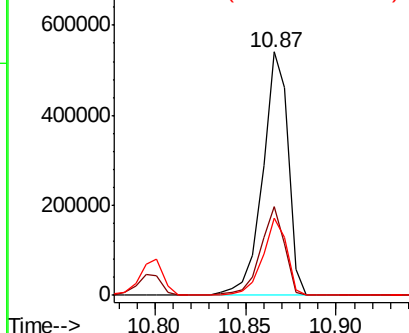
#67
Hexachlorobenzene
Concen: 37.789 ng
RT: 10.87 min Scan# 1450
Delta R.T. 0.01 min
Lab File: BF108825.D
Acq: 6 Sep 2018 16:08

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
284	100		
142	36.2	34.6	52.0
249	31.8	24.8	37.2

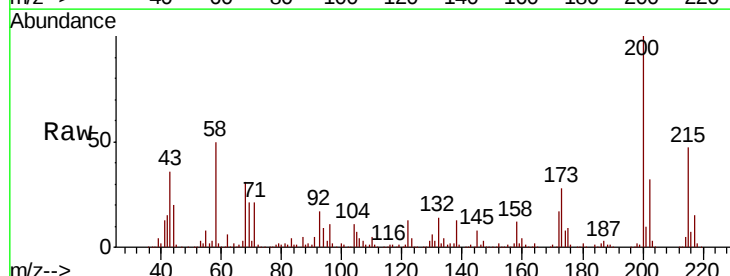


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

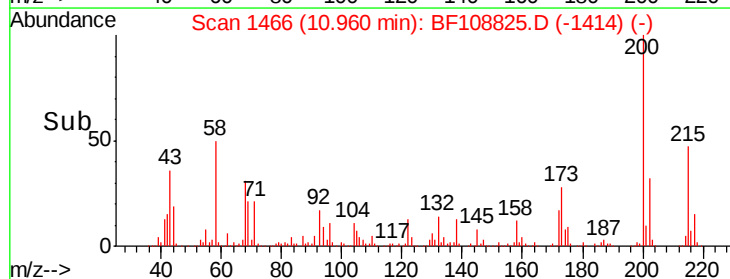
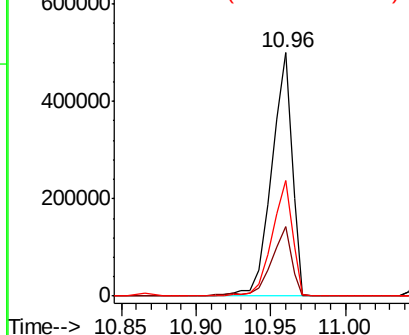


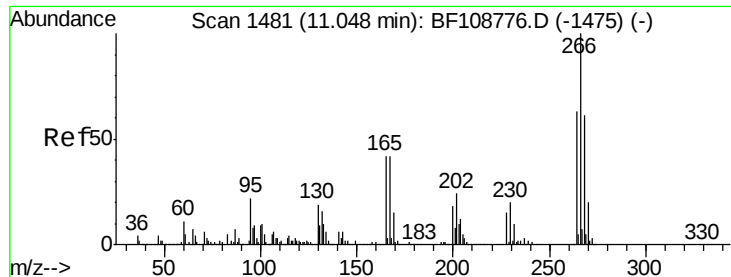
#68
Atrazine
Concen: 38.566 ng
RT: 10.96 min Scan# 1466
Delta R.T. 0.01 min
Lab File: BF108825.D
Acq: 6 Sep 2018 16:08

Tgt Ion	Ratio	Lower	Upper
200	100		
173	28.4	8.6	48.6
215	47.3	25.1	65.1



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

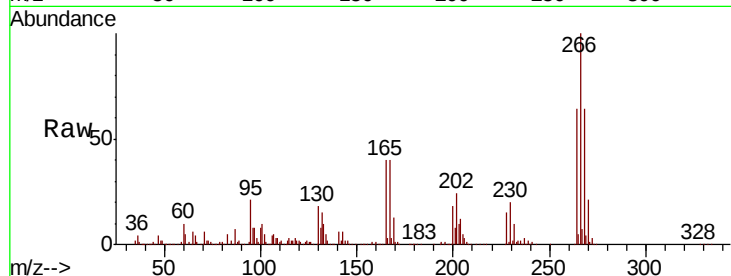




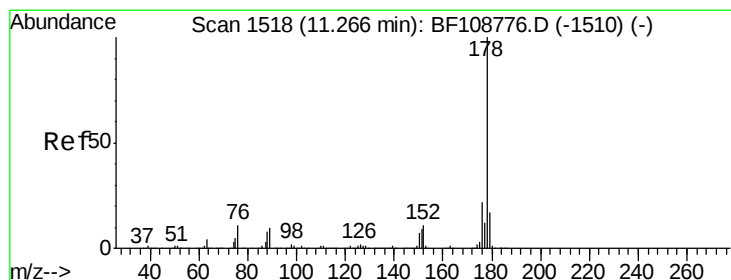
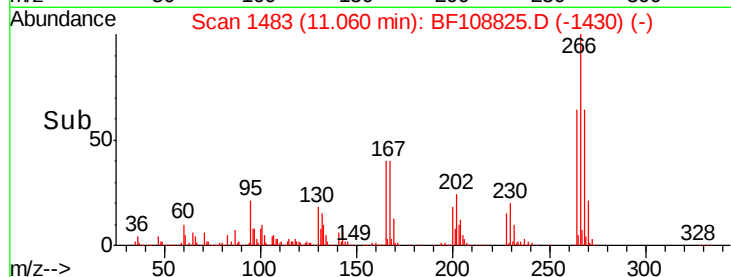
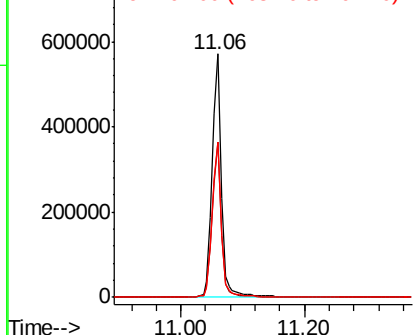
#69
 Pentachlorophenol
 Concen: 68.332 ng
 RT: 11.06 min Scan# 1483
 Delta R.T. 0.01 min
 Lab File: BF108825.D
 Acq: 6 Sep 2018 16:08

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:266 Resp: 582173
 Ion Ratio Lower Upper
 266 100
 268 63.7 51.1 76.7
 264 63.8 49.5 74.3

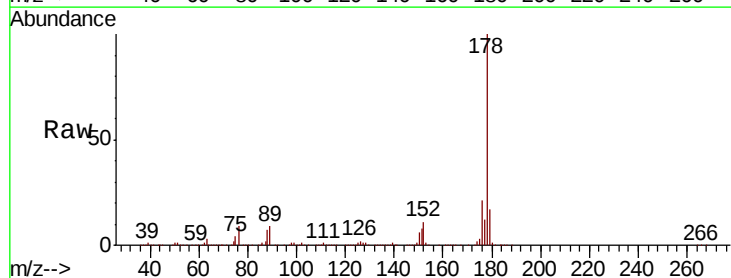


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

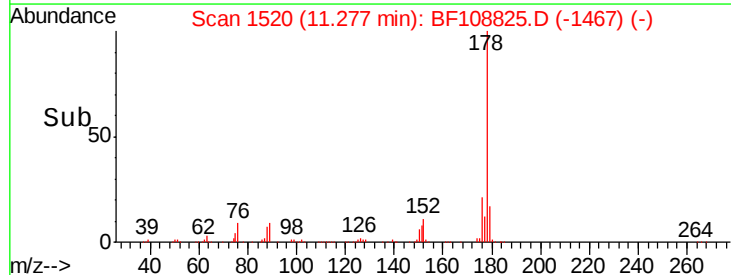
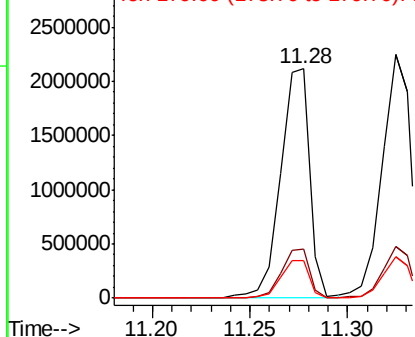


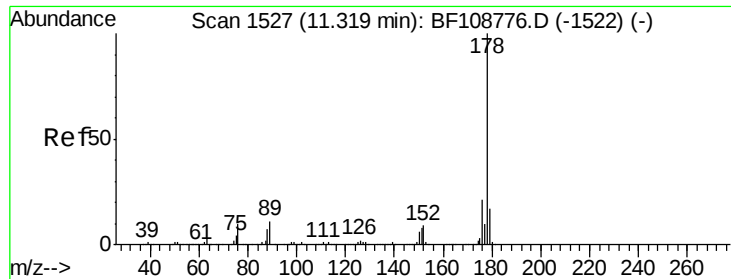
#70
 Phenanthrene
 Concen: 39.700 ng
 RT: 11.28 min Scan# 1520
 Delta R.T. 0.01 min
 Lab File: BF108825.D
 Acq: 6 Sep 2018 16:08

Tgt Ion:178 Resp: 2191199
 Ion Ratio Lower Upper
 178 100
 176 21.4 15.8 23.8
 179 16.6 13.0 19.6



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

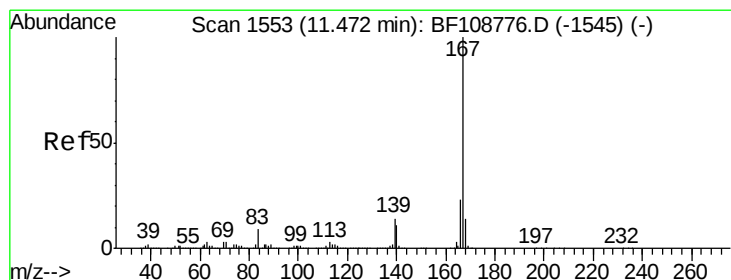
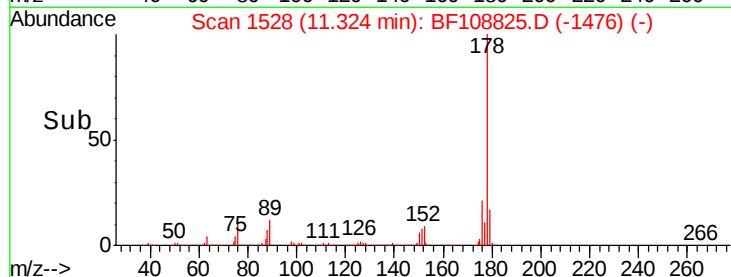
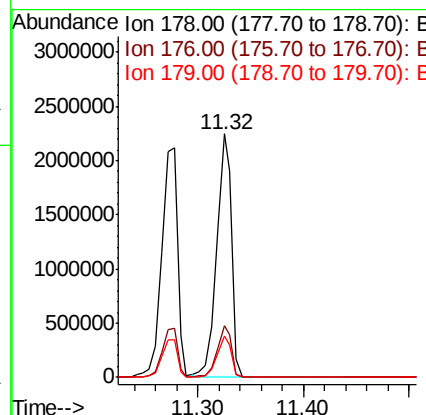
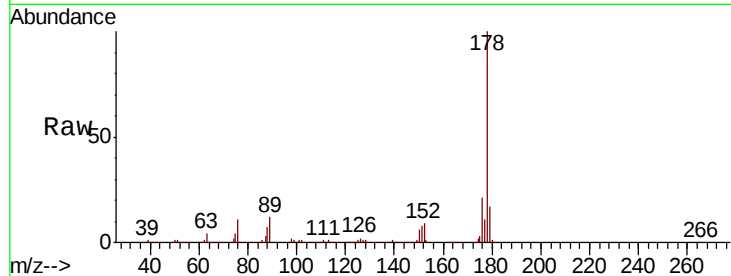




#71
 Anthracene
 Concen: 42.483 ng
 RT: 11.32 min Scan# 1528
 Delta R.T. 0.01 min
 Lab File: BF108825.D
 Acq: 6 Sep 2018 16:08

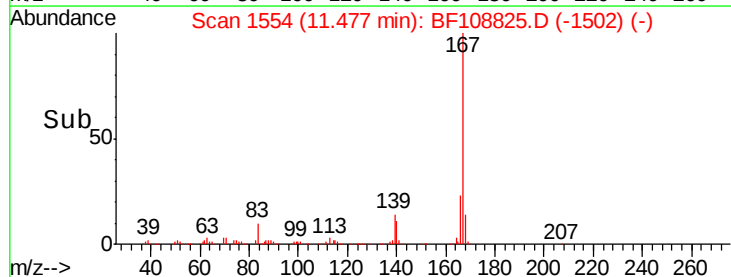
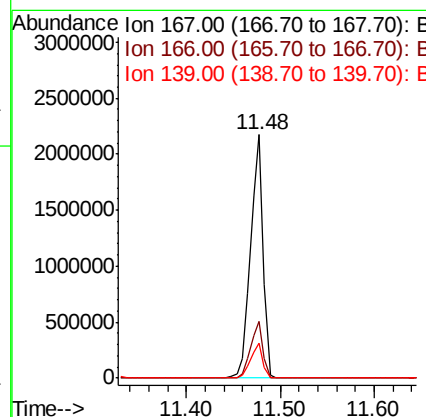
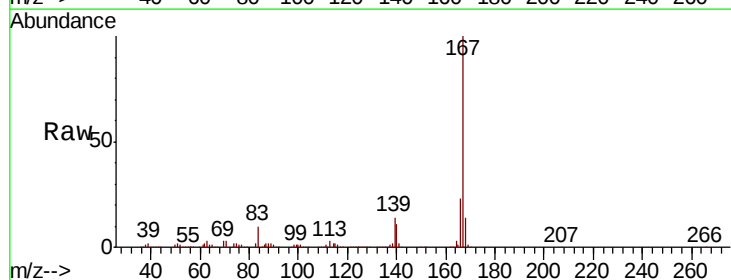
Instrument :
 BNA_F
 ClientSampleId :

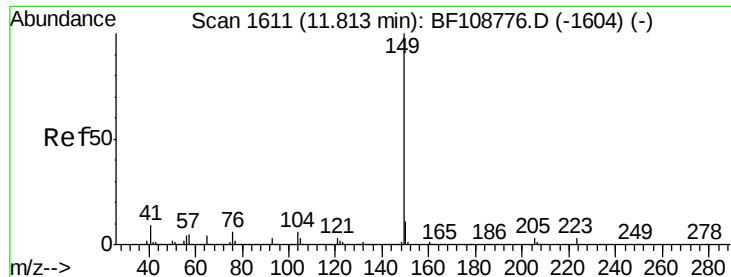
Tot Ion:178 Resp: 2245051
 Ion Ratio Lower Upper
 178 100
 176 21.2 15.4 23.2
 179 17.3 12.6 19.0



#72
 Carbazole
 Concen: 36.160 ng
 RT: 11.48 min Scan# 1554
 Delta R.T. 0.01 min
 Lab File: BF108825.D
 Acq: 6 Sep 2018 16:08

Tgt Ion:167 Resp: 2012466
 Ion Ratio Lower Upper
 167 100
 166 23.2 17.6 26.4
 139 14.5 10.9 16.3

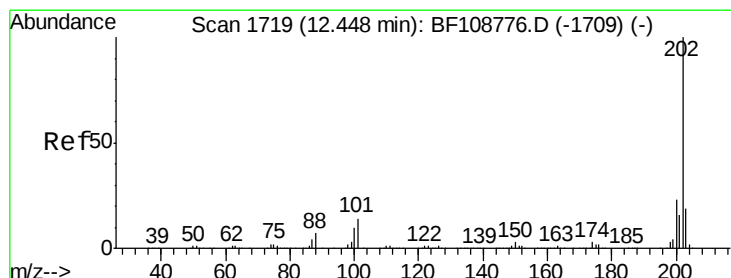
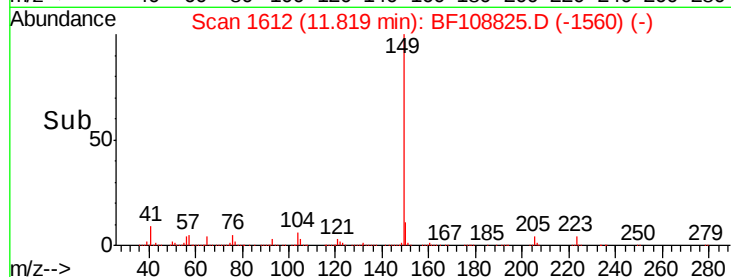
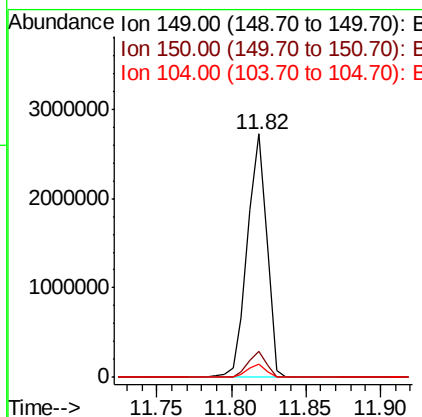
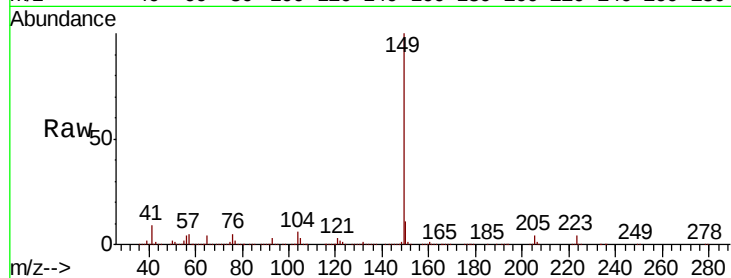




#73
Di-n-butylphthalate
Concen: 39.599 ng
RT: 11.82 min Scan# 1612
Delta R.T. 0.01 min
Lab File: BF108825.D
Acq: 6 Sep 2018 16:08

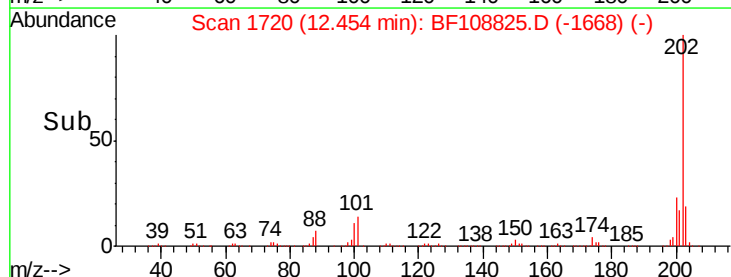
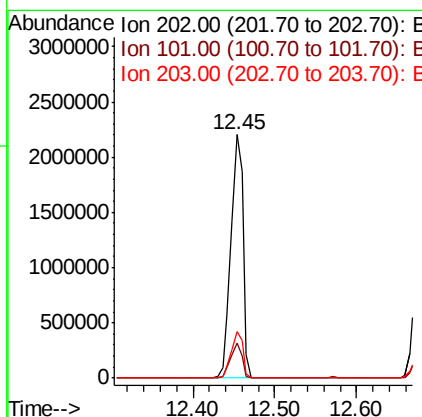
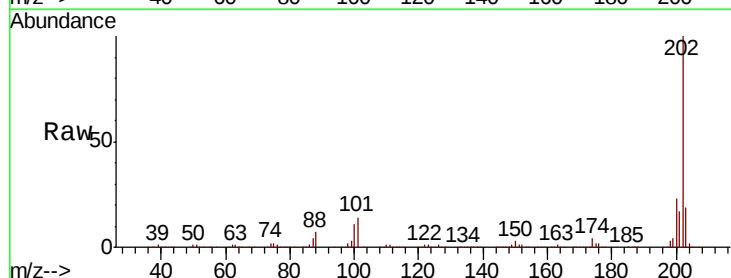
Instrument :
BNA_F
ClientSampleId :

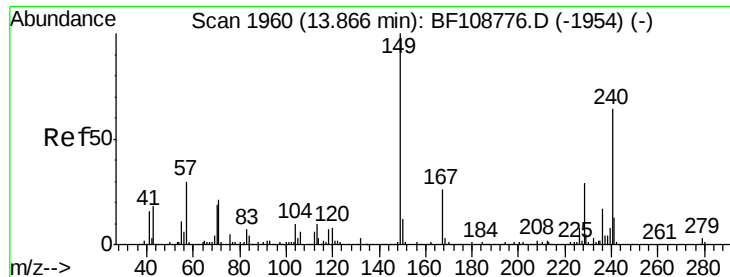
Tot Ion:149 Resp: 2447330
Ion Ratio Lower Upper
149 100
150 10.7 7.8 11.6
104 5.6 3.8 5.8



#74
Fluoranthene
Concen: 41.571 ng
RT: 12.45 min Scan# 1720
Delta R.T. 0.01 min
Lab File: BF108825.D
Acq: 6 Sep 2018 16:08

Tgt Ion:202 Resp: 2271784
Ion Ratio Lower Upper
202 100
101 14.2 0.0 34.1
203 19.2 0.0 38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.88 min Scan# 1962

Delta R.T. 0.01 min

Lab File: BF108825.D

Acq: 6 Sep 2018 16:08

Instrument :

BNA_F

ClientSampled :

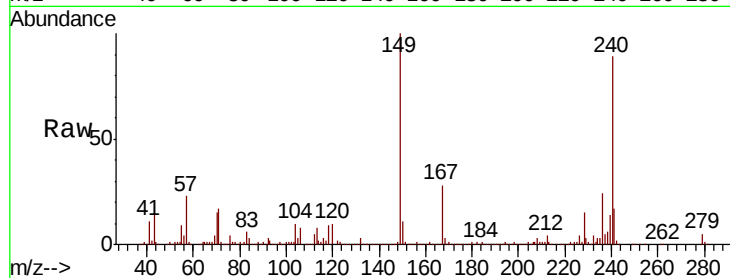
Tot Ion:240 Resp: 721139

Ion Ratio Lower Upper

240 100

120 11.7 9.5 14.3

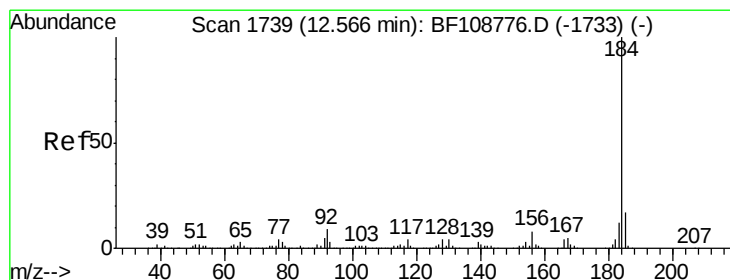
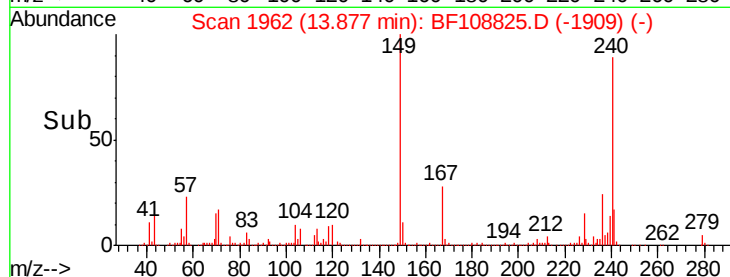
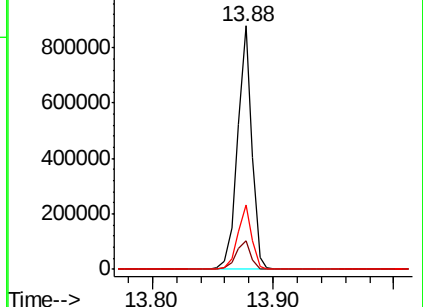
236 26.6 20.7 31.1



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 38.168 ng

RT: 12.57 min Scan# 1740

Delta R.T. 0.01 min

Lab File: BF108825.D

Acq: 6 Sep 2018 16:08

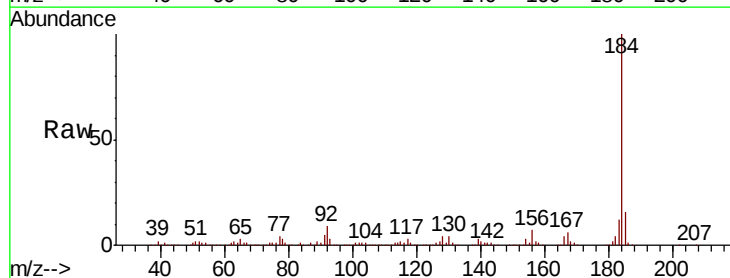
Tgt Ion:184 Resp: 1304551

Ion Ratio Lower Upper

184 100

185 15.6 12.6 18.8

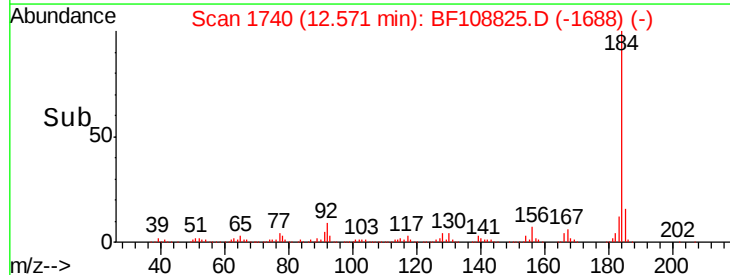
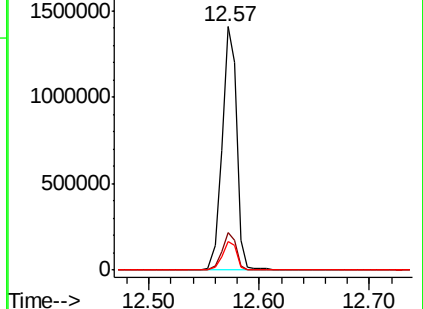
183 11.9 9.3 13.9

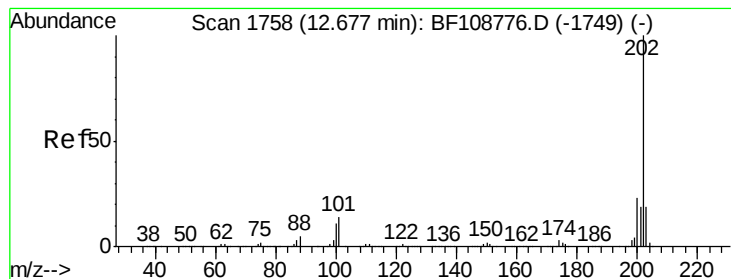


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 40.705 ng

RT: 12.68 min Scan# 1759

Delta R.T. 0.01 min

Lab File: BF108825.D

Acq: 6 Sep 2018 16:08

Instrument :

BNA_F

ClientSampleId :

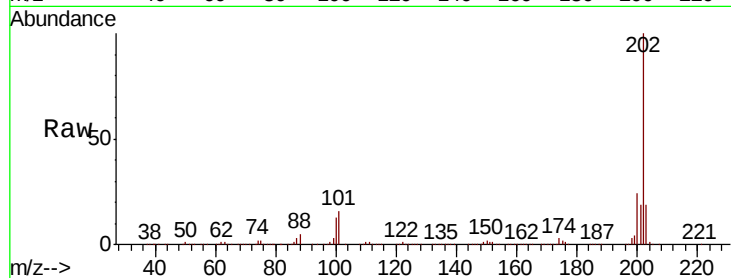
Tot Ion:202 Resp: 2258764

Ion Ratio Lower Upper

202 100

200 23.7 17.4 26.2

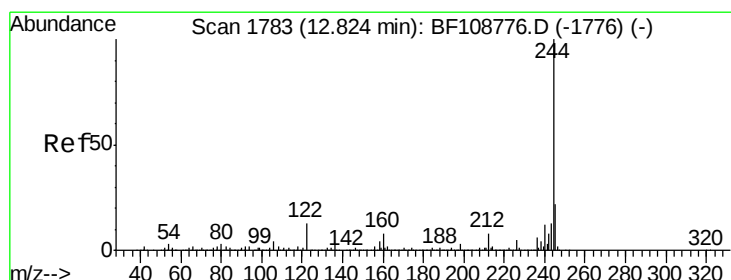
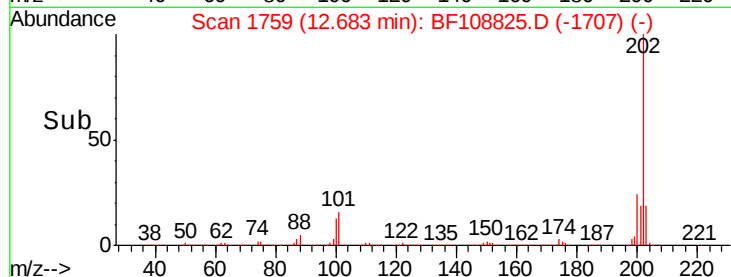
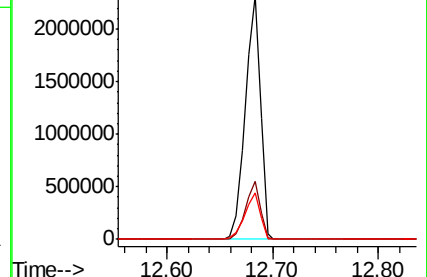
203 19.0 14.3 21.5



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



#78

Terphenyl-d14

Concen: 80.358 ng

RT: 12.83 min Scan# 1784

Delta R.T. 0.01 min

Lab File: BF108825.D

Acq: 6 Sep 2018 16:08

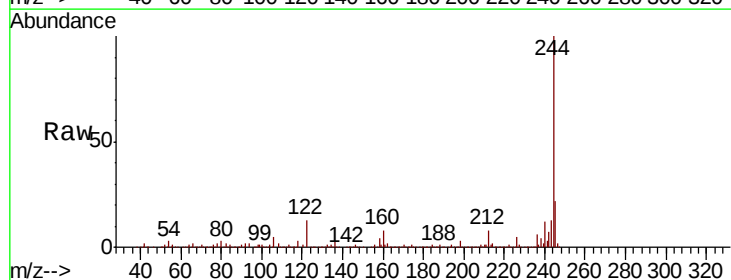
Tgt Ion:244 Resp: 2485063

Ion Ratio Lower Upper

244 100

212 7.9 5.4 8.0

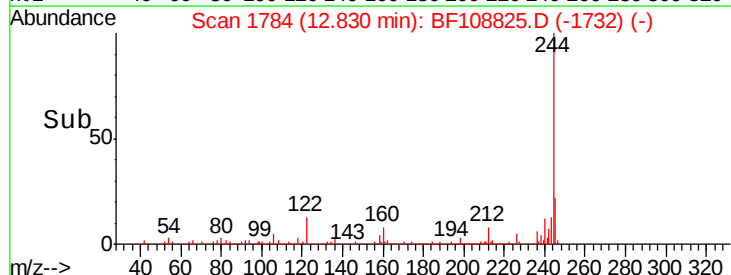
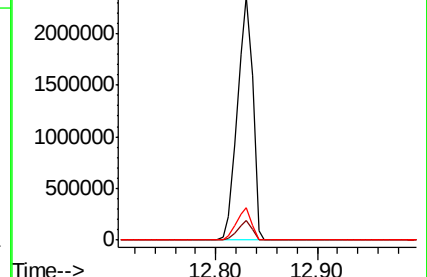
122 13.1 11.0 16.4

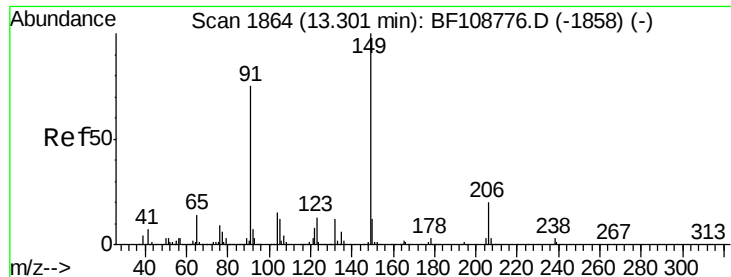


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

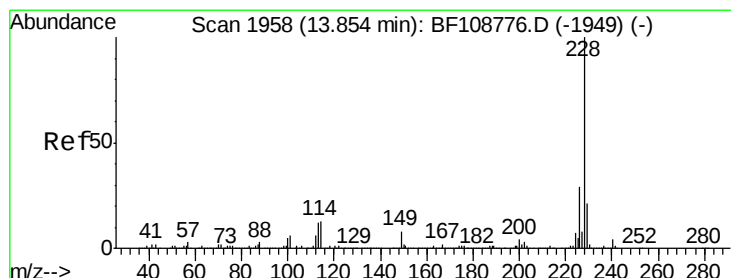
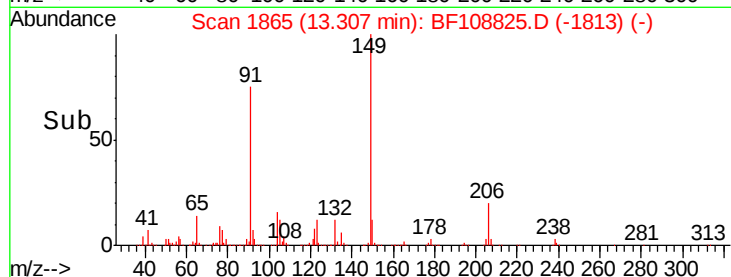
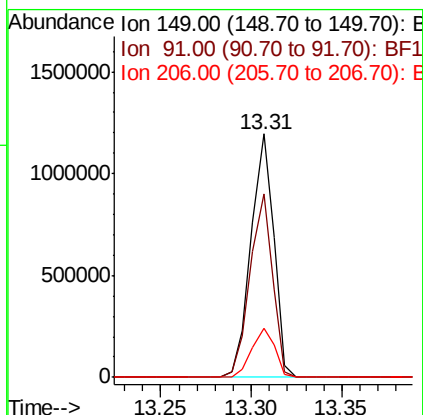
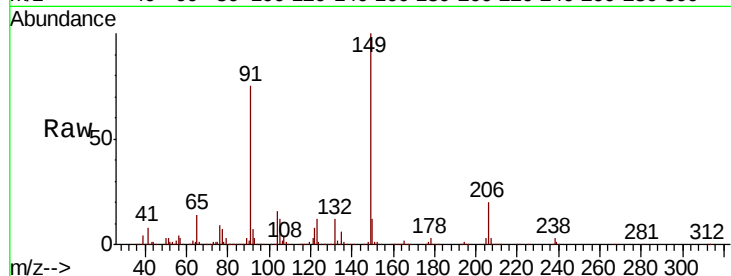




#79
Butylbenzylphthalate
Concen: 41.921 ng
RT: 13.31 min Scan# 1865
Delta R.T. 0.01 min
Lab File: BF108825.D
Acq: 6 Sep 2018 16:08

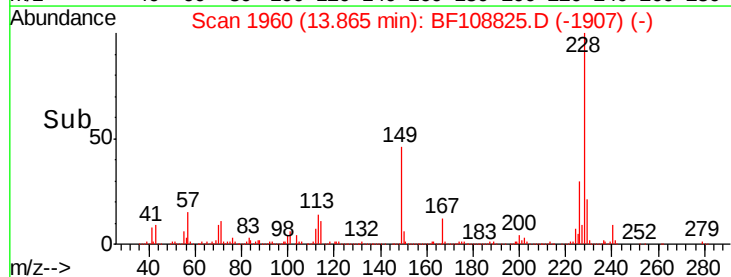
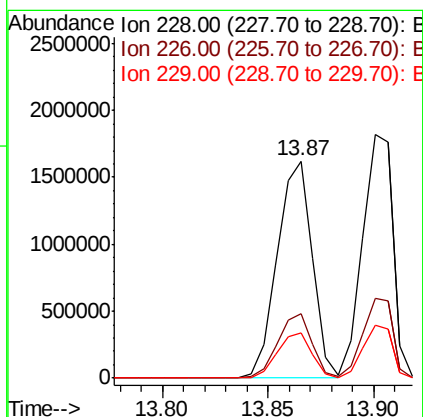
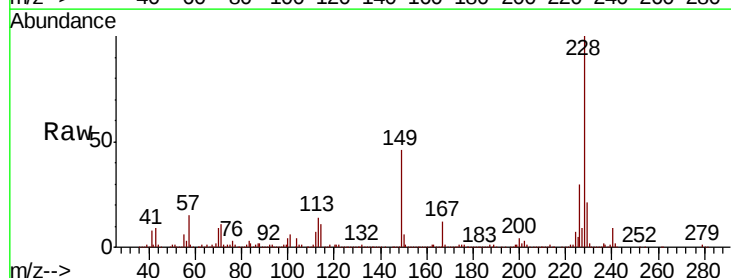
Instrument :
BNA_F
ClientSampleId :

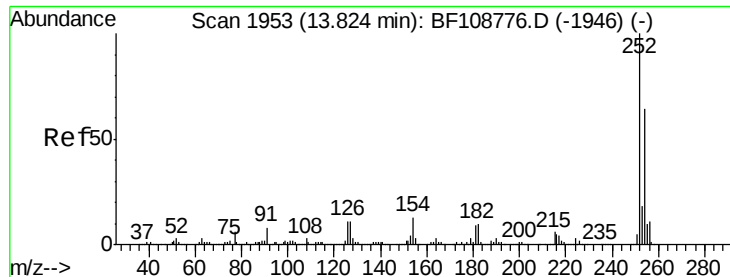
Tot Ion:149 Resp: 1047551
Ion Ratio Lower Upper
149 100
91 75.5 56.8 85.2
206 19.9 14.1 21.1



#80
Benzo(a)anthracene
Concen: 40.527 ng
RT: 13.87 min Scan# 1960
Delta R.T. 0.01 min
Lab File: BF108825.D
Acq: 6 Sep 2018 16:08

Tgt Ion:228 Resp: 1873268
Ion Ratio Lower Upper
228 100
226 29.9 22.6 33.8
229 21.0 15.8 23.6

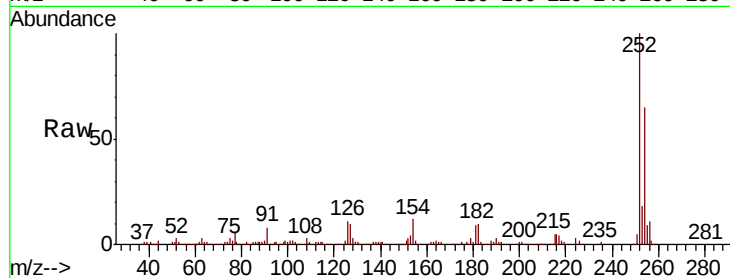




#81
 3,3'-Dichlorobenzidine
 Concen: 22.872 ng
 RT: 13.83 min Scan# 1954
 Delta R.T. 0.01 min
 Lab File: BF108825.D
 Acq: 6 Sep 2018 16:08

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
252	100		
254	64.9	50.4	75.6
126	11.0	11.3	16.9#

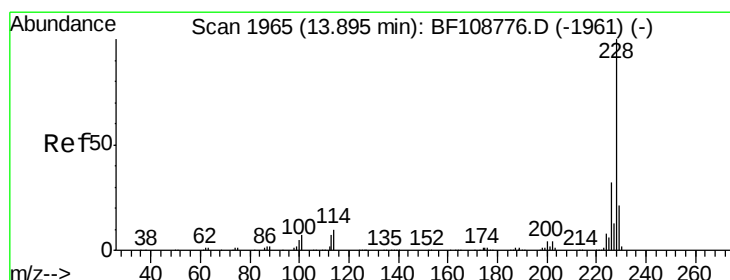
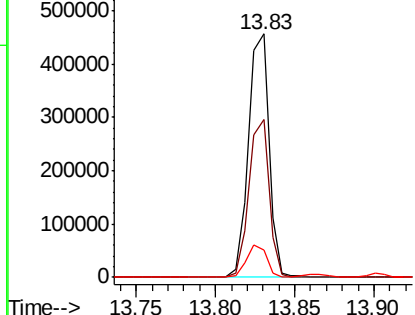
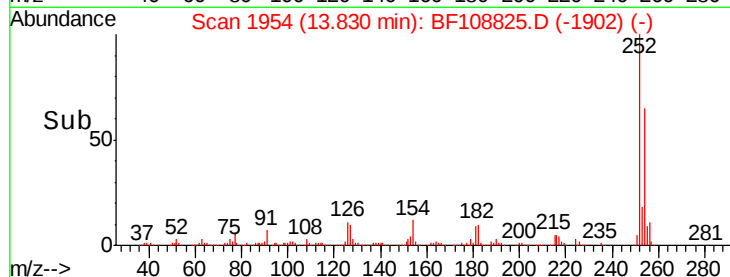


Abundance

Ion 252.00 (251.70 to 252.70): E

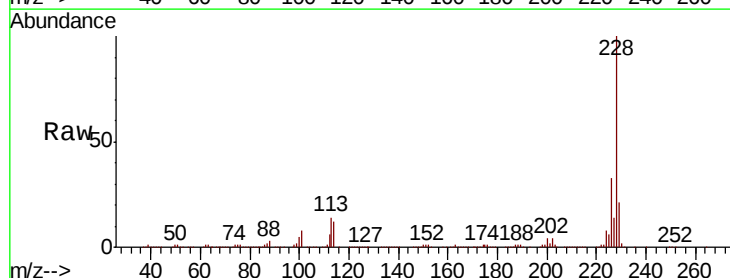
Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E



#82
 Chrysene
 Concen: 40.850 ng
 RT: 13.90 min Scan# 1966
 Delta R.T. 0.01 min
 Lab File: BF108825.D
 Acq: 6 Sep 2018 16:08

Tgt Ion	Ratio	Lower	Upper
228	100		
226	32.9	25.0	37.6
229	21.5	16.2	24.4

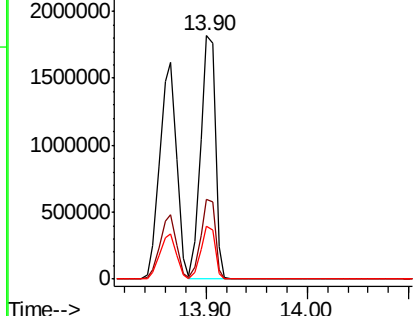
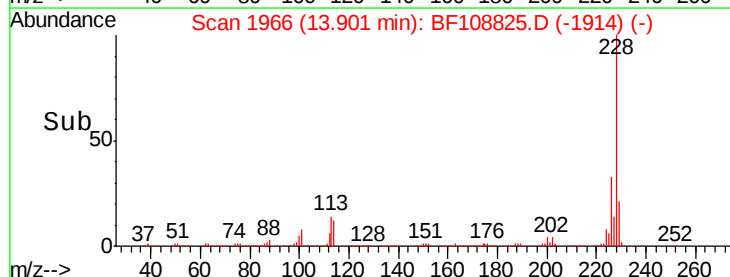


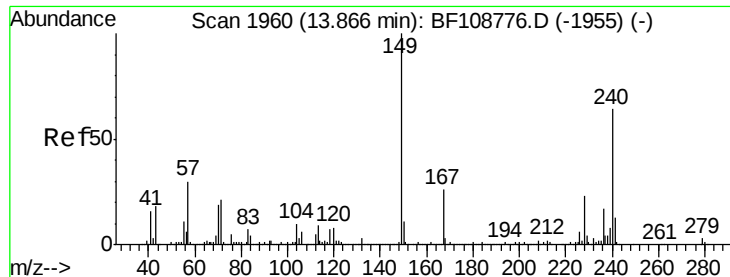
Abundance

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

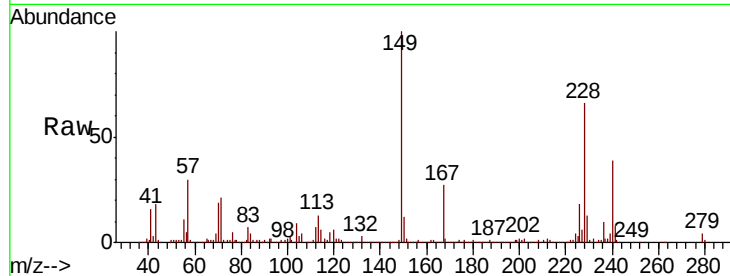




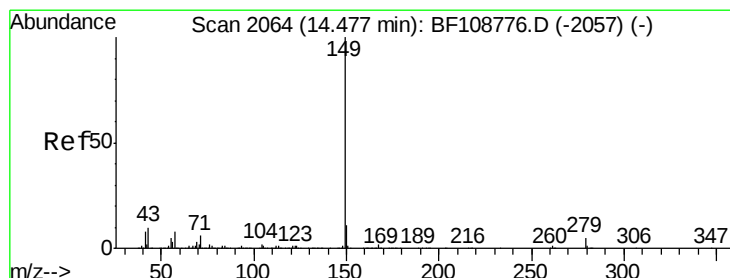
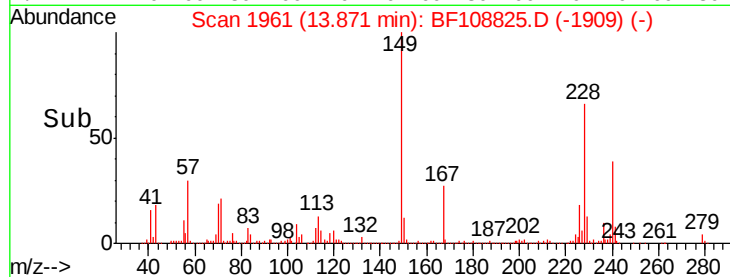
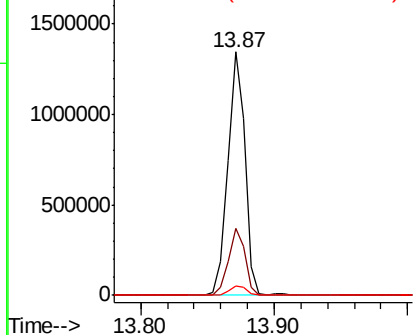
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 38.956 ng
 RT: 13.87 min Scan# 1961
 Delta R.T. 0.01 min
 Lab File: BF108825.D
 Acq: 6 Sep 2018 16:08

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:149 Resp: 1223359
 Ion Ratio Lower Upper
 149 100
 167 27.4 21.3 31.9
 279 3.7 3.0 4.4

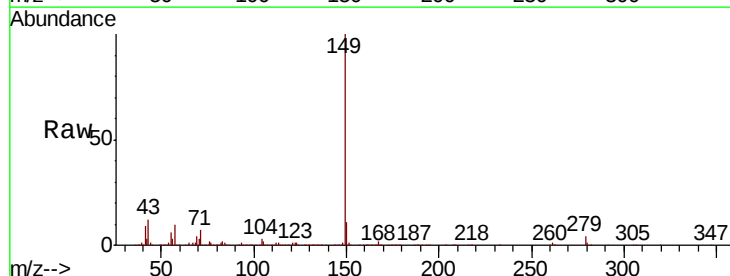


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

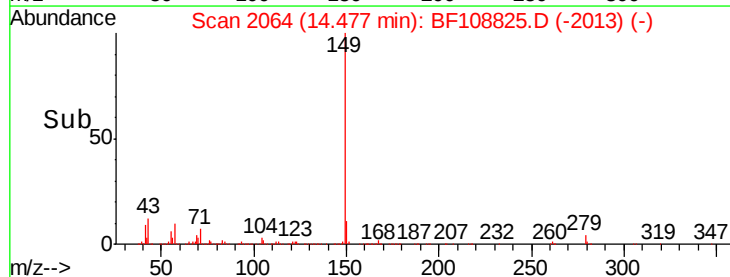
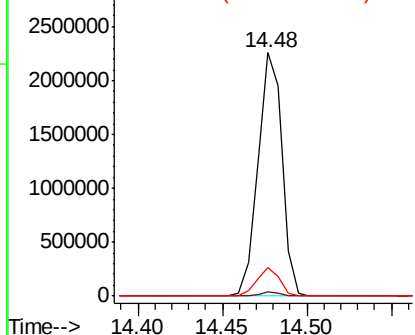


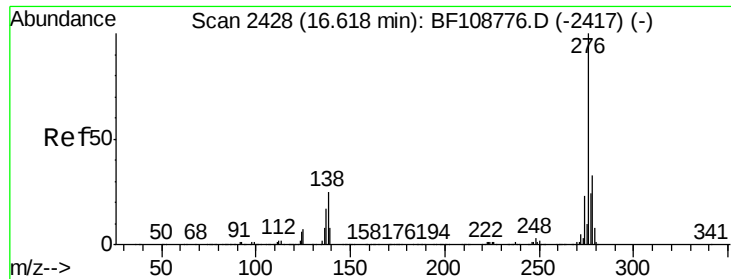
#84
 Di-n-octyl phthalate
 Concen: 42.766 ng
 RT: 14.48 min Scan# 2064
 Delta R.T. -0.00 min
 Lab File: BF108825.D
 Acq: 6 Sep 2018 16:08

Tgt Ion:149 Resp: 2239042
 Ion Ratio Lower Upper
 149 100
 167 1.6 1.2 1.8
 43 10.7 8.4 12.6



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

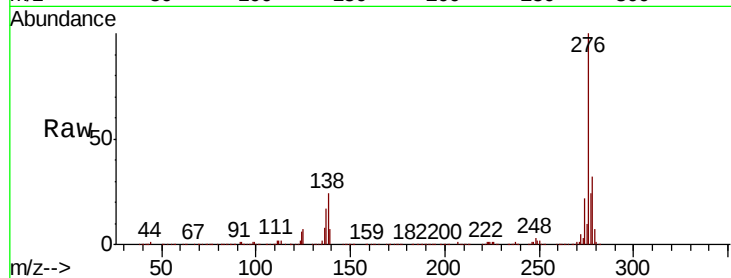




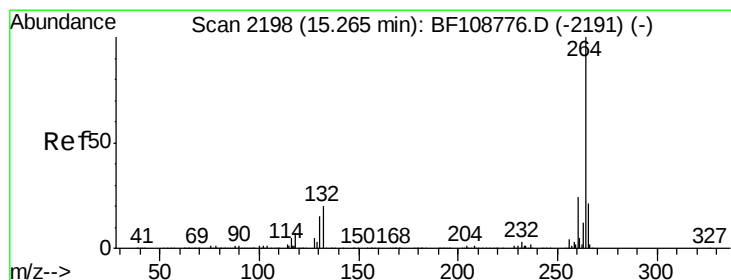
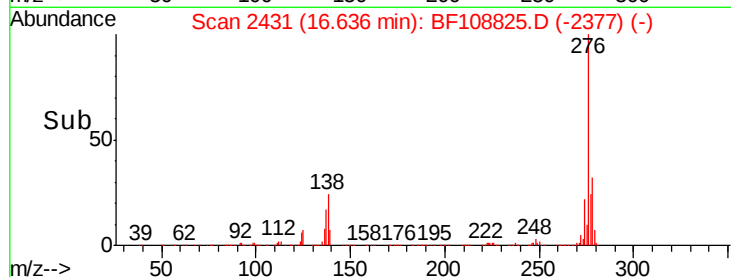
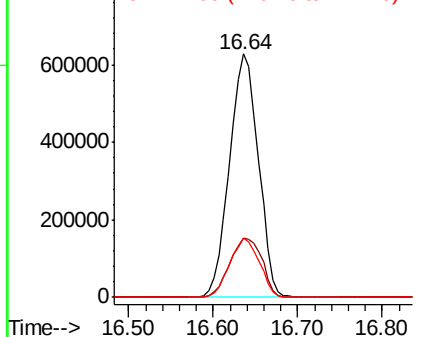
#85
Indeno(1,2,3-cd)pyrene
Concen: 37.306 ng
RT: 16.64 min Scan# 2431
Delta R.T. 0.02 min
Lab File: BF108825.D
Acq: 6 Sep 2018 16:08

Instrument :
BNA_F
ClientSampleId :

Tot Ion:276 Resp: 1477336
Ion Ratio Lower Upper
276 100
138 27.3 25.0 37.6
277 25.2 20.1 30.1

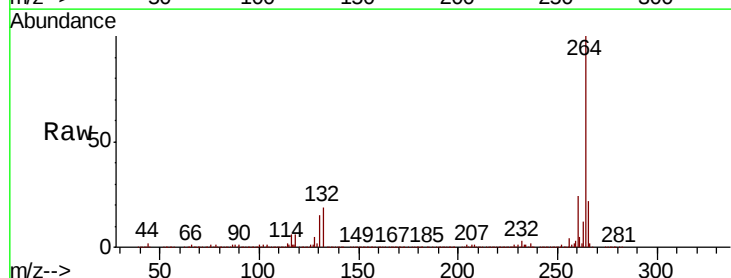


Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

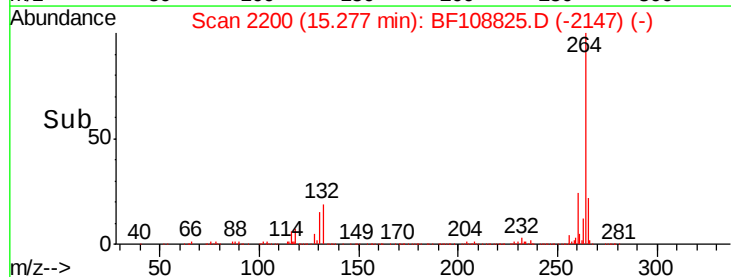
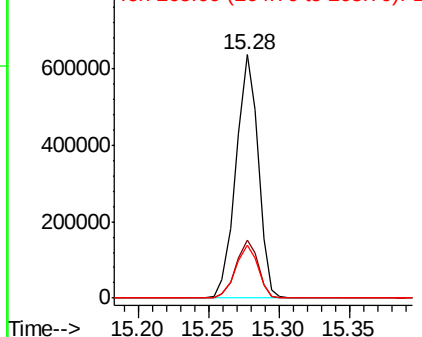


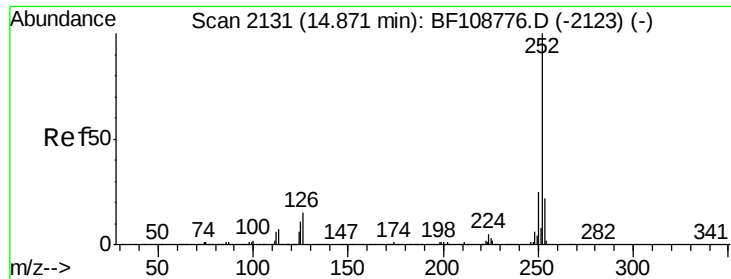
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.28 min Scan# 2200
Delta R.T. 0.01 min
Lab File: BF108825.D
Acq: 6 Sep 2018 16:08

Tgt Ion:264 Resp: 698963
Ion Ratio Lower Upper
264 100
260 24.0 19.2 28.8
265 21.7 17.5 26.3



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

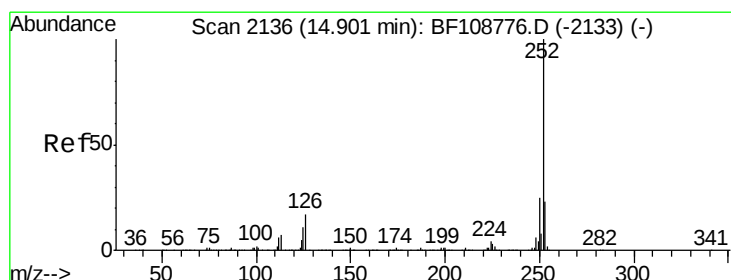
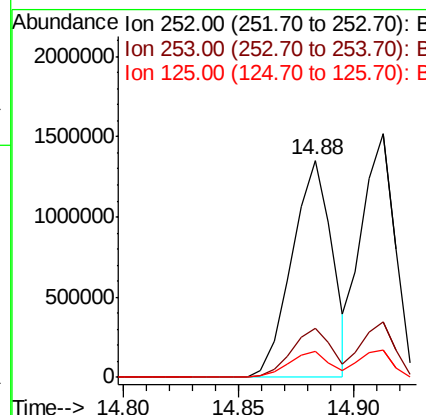
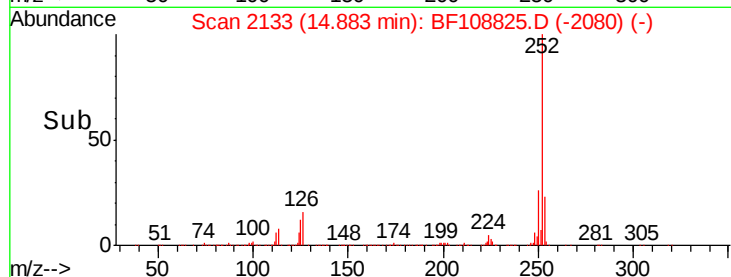
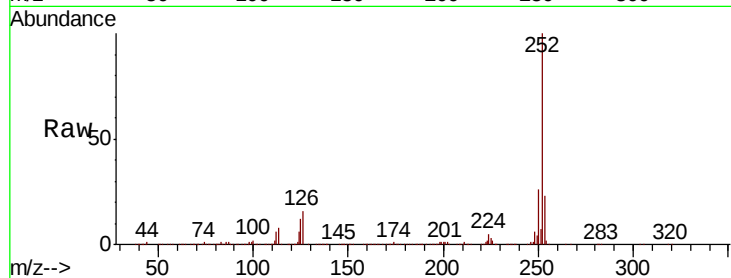




#87
Benzo(b)fluoranthene
Concen: 43.325 ng
RT: 14.88 min Scan# 2133
Delta R.T. 0.01 min
Lab File: BF108825.D
Acq: 6 Sep 2018 16:08

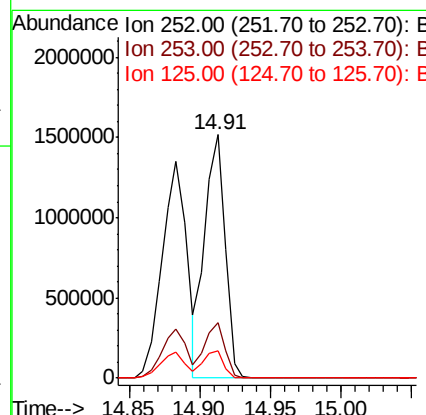
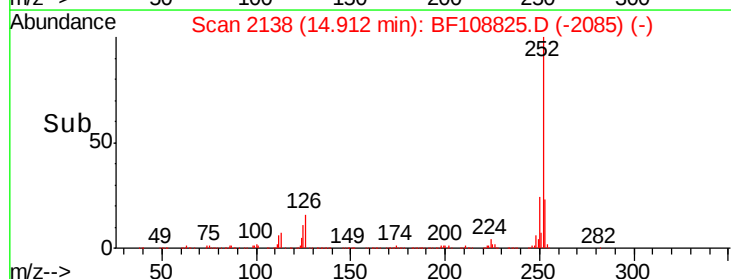
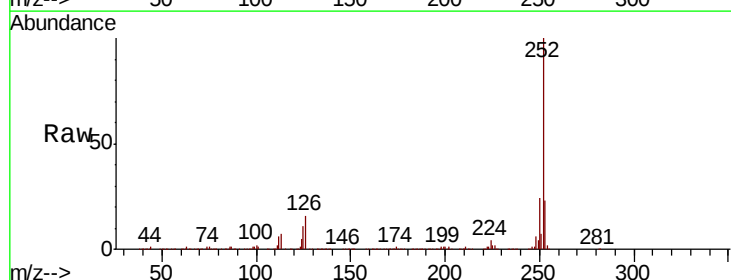
Instrument :
BNA_F
ClientSampleId :

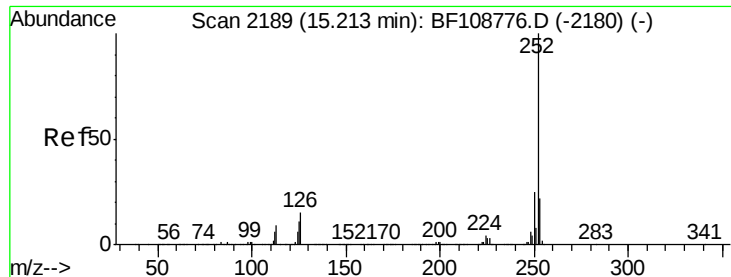
Tot Ion:252 Resp: 1646646
Ion Ratio Lower Upper
252 100
253 22.7 17.0 25.6
125 12.1 9.0 13.6



#88
Benzo(k)fluoranthene
Concen: 43.653 ng
RT: 14.91 min Scan# 2138
Delta R.T. 0.01 min
Lab File: BF108825.D
Acq: 6 Sep 2018 16:08

Tgt Ion:252 Resp: 1527880
Ion Ratio Lower Upper
252 100
253 22.9 17.9 26.9
125 11.0 10.2 15.2





#89

Benzo(a)pyrene

Concen: 42.883 ng

RT: 15.22 min Scan# 2191

Delta R.T. 0.01 min

Lab File: BF108825.D

Acq: 6 Sep 2018 16:08

Instrument :

BNA_F

ClientSampleId :

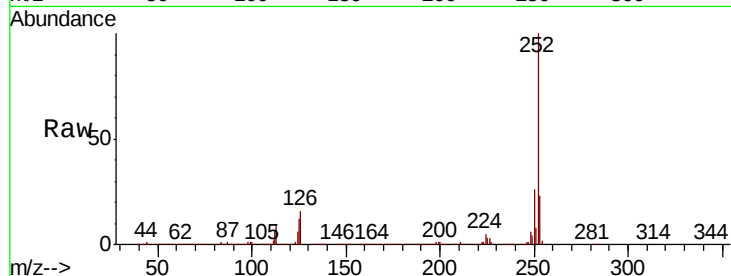
Tot Ion:252 Resp: 1470619

Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.1	25.7
125	12.4	9.8	14.6

252 100

253 22.7 17.1 25.7

125 12.4 9.8 14.6

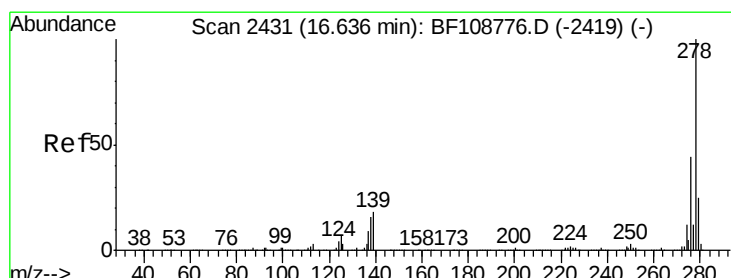
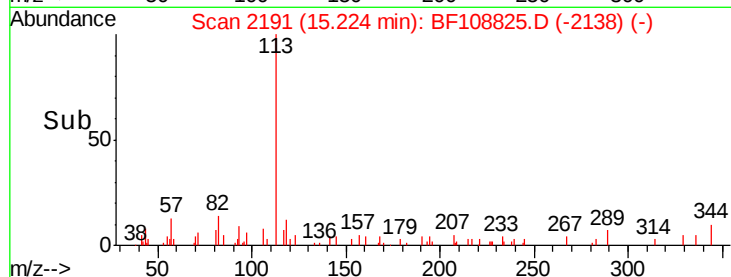
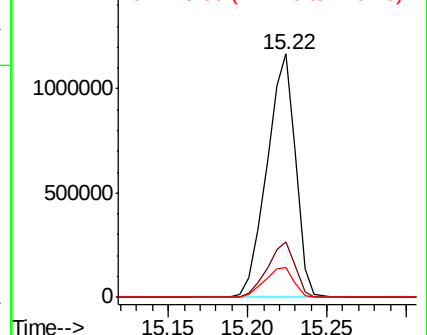


Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 40.200 ng

RT: 16.65 min Scan# 2434

Delta R.T. 0.02 min

Lab File: BF108825.D

Acq: 6 Sep 2018 16:08

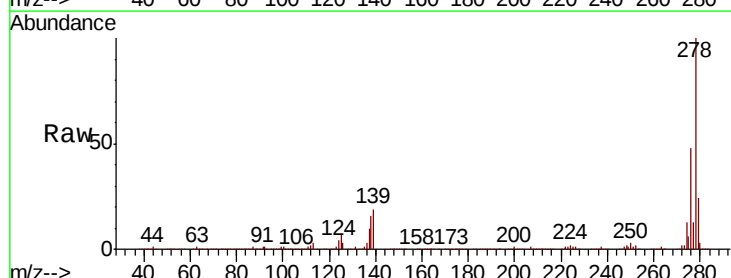
Tgt Ion:278 Resp: 1214781

Ion	Ratio	Lower	Upper
278	100		
139	18.5	15.9	23.9
279	24.2	19.0	28.4

278 100

139 18.5 15.9 23.9

279 24.2 19.0 28.4

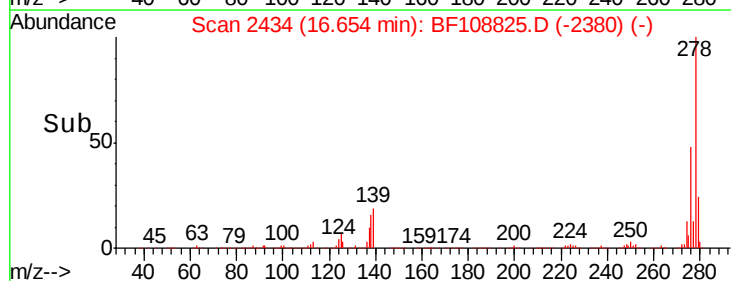
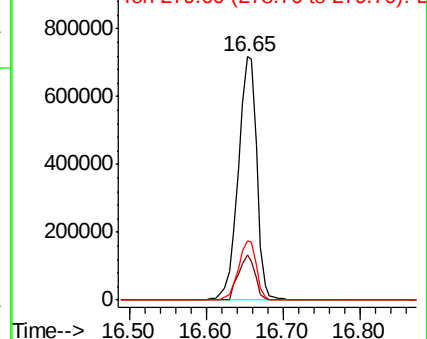


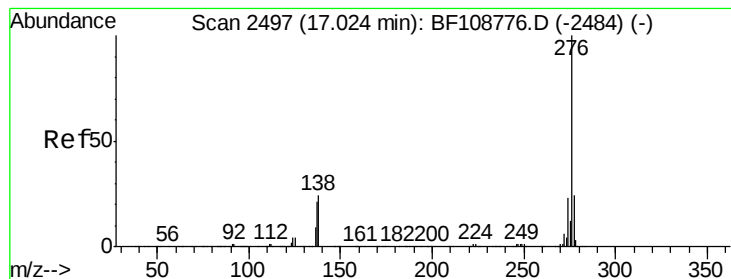
Abundance

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

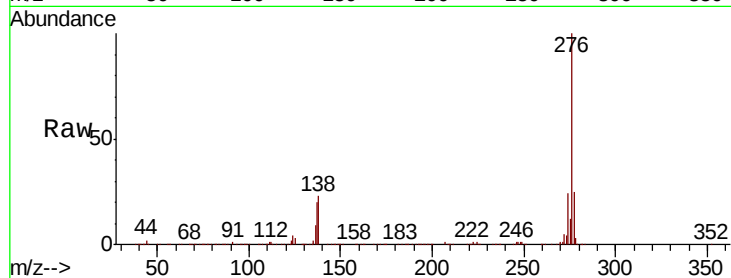




#91
 Benzo(a,h,i)perylene
 Concen: 41.780 ng
 RT: 17.05 min Scan# 2501
 Delta R.T. 0.02 min
 Lab File: BF108825.D
 Acq: 6 Sep 2018 16:08

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:276 Resp: 1264103
 Ion Ratio Lower Upper
 276 100
 277 24.7 17.9 26.9
 138 23.3 21.8 32.8



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

