

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF073018\
 Data File : BF107815.D
 Acq On : 30 Jul 2018 22:07
 Operator : JU/SJ
 Sample : J4164-04MSD
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 31 01:04:40 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073018.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 30 17:48:53 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	211643	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	811182	20.00	ng	0.00
38) Acenaphthene-d10	10.00	164	349775	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	604530	20.00	ng	0.00
75) Chrysene-d12	14.15	240	420804	20.00	ng	0.00
86) Perylene-d12	15.68	264	544517	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.61	112	1414474	113.59	ng	0.01
7) Phenol-d6	6.61	99	1725422	105.13	ng	0.00
23) Nitrobenzene-d5	7.53	82	1159349	82.34	ng	0.00
41) 2,4,6-Tribromophenol	10.80	330	489664	103.03	ng	0.00
44) 2-Fluorobiphenyl	9.32	172	1962386	78.18	ng	0.00
78) Terphenyl-d14	13.08	244	1615053	83.22	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.85	88	178038	32.588	ng	# 85
3) Pyridine	3.64	79	448111	32.914	ng	# 83
4) n-Nitrosodimethylamine	3.62	42	138473	21.854	ng	# 96
6) Aniline	6.64	93	530161	31.057	ng	# 59
8) 2-Chlorophenol	6.76	128	590634	37.758	ng	# 97
9) Benzaldehyde	6.52	77	289943	29.281	ng	# 99
10) Phenol	6.62	94	693094	35.412	ng	# 88
11) bis(2-Chloroethyl)ether	6.70	93	543811	31.247	ng	# 94
12) 1,3-Dichlorobenzene	6.90	146	591960	36.082	ng	# 98
13) 1,4-Dichlorobenzene	6.98	146	653768	35.798	ng	# 99
14) 1,2-Dichlorobenzene	7.13	146	552922	32.615	ng	# 99
15) Benzyl Alcohol	7.11	79	421486	41.318	ng	# 99
16) 2,2'-oxybis(1-Chloropropan	7.23	45	949594	37.950	ng	# 65
17) 2-Methylphenol	7.22	107	478143	41.407	ng	# 80
18) Hexachloroethane	7.47	117	220438	33.580	ng	# 97
19) n-Nitroso-di-n-propylamine	7.37	70	406437	39.039	ng	# 99
20) 3+4-Methylphenols	7.38	107	634081	44.725	ng	# 61
22) Acetophenone	7.37	105	841559	43.121	ng	# 91
24) Nitrobenzene	7.55	77	571898	38.735	ng	# 98
25) Isophorone	7.78	82	1135088	49.110	ng	# 99
26) 2-Nitrophenol	7.87	139	330794	44.643	ng	# 98
27) 2,4-Dimethylphenol	7.90	122	503267	50.730	ng	# 100
28) bis(2-Chloroethoxy)methane	7.99	93	756276	49.651	ng	# 98
29) 2,4-Dichlorophenol	8.11	162	498118	44.390	ng	# 98
30) 1,2,4-Trichlorobenzene	8.18	180	512868	40.063	ng	# 99
31) Naphthalene	8.27	128	1968681	52.210	ng	# 98
32) Benzoic acid	7.90	122	503267	74.109	ng	# 14
33) 4-Chloroaniline	8.33	127	282227	17.523	ng	# 98
34) Hexachlorobutadiene	8.37	225	295670	37.376	ng	# 98
35) Caprolactam	8.70	113	138719	41.065	ng	# 77
36) 4-Chloro-3-methylphenol	8.81	107	531506	43.613	ng	# 98
37) 2-Methylnaphthalene	8.96	142	1145841	48.377	ng	# 99
39) 1,2,4,5-Tetrachlorobenzene	9.12	216	524249	43.960	ng	# 98
40) Hexachlorocyclopentadiene	9.10	237	224085	47.020	ng	# 100

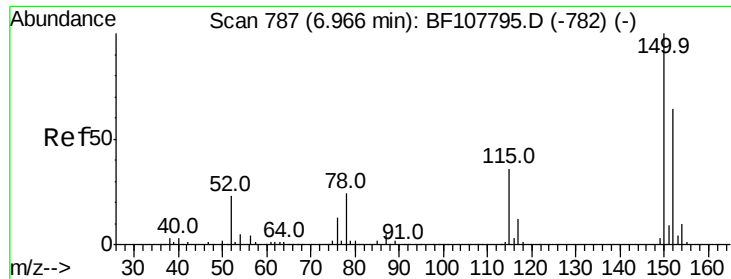
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF073018\
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 QLast Update : Mon Jul 30 17:48:53 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.24	196	322477	48.913	ng	97
43) 2,4,5-Trichlorophenol	9.30	196	350551	44.167	ng	95
45) 1,1'-Biphenyl	9.42	154	1371926	43.100	ng	100
46) 2-Chloronaphthalene	9.45	162	1011792	42.151	ng	99
47) 2-Nitroaniline	9.56	65	367124	47.019	ng	91
48) Acenaphthylene	9.87	152	1674318	44.992	ng	97
49) Dimethylphthalate	9.72	163	1293023	49.224	ng	99
50) 2,6-Dinitrotoluene	9.79	165	245202	42.953	ng	# 84
51) Acenaphthene	10.04	154	954123	44.137	ng	99
52) 3-Nitroaniline	9.98	138	176717	24.566	ng	96
53) 2,4-Dinitrophenol	10.09	184	31002	17.657	ng	# 53
54) Dibenzofuran	10.21	168	1494972	44.743	ng	98
55) 4-Nitrophenol	10.15	139	217790	66.153	ng	89
56) 2,4-Dinitrotoluene	10.20	165	302999	40.383	ng	# 92
57) Fluorene	10.55	166	1280261	49.304	ng	94
58) 2,3,4,6-Tetrachlorophenol	10.34	232	299017	41.018	ng	# 82
59) Diethylphthalate	10.42	149	1176747	41.665	ng	97
60) 4-Chlorophenyl-phenylether	10.54	204	537499	37.998	ng	91
61) 4-Nitroaniline	10.60	138	226776	35.524	ng	93
62) Azobenzene	10.70	77	1108969	42.160	ng	93
64) 4,6-Dinitro-2-methylphenol	10.61	198	88410	26.882	ng	90
65) n-Nitrosodiphenylamine	10.67	169	962165	48.336	ng	99
66) 4-Bromophenyl-phenylether	11.04	248	334722	47.504	ng	# 85
67) Hexachlorobenzene	11.10	284	338162	43.279	ng	# 90
68) Atrazine	11.19	200	275916	46.834	ng	95
69) Pentachlorophenol	11.31	266	269190	69.985	ng	99
70) Phenanthrene	11.52	178	2068226	72.051	ng	98
71) Anthracene	11.58	178	1819593	54.958	ng	98
72) Carbazole	11.74	167	1417774	43.331	ng	99
73) Di-n-butylphthalate	12.04	149	1584866	44.400	ng	99
74) Fluoranthene	12.72	202	2219740	65.823	ng	98
76) Benzidine	12.85	184	741155	54.474	ng	97
77) Pyrene	12.95	202	1991837	65.734	ng	99
79) Butylbenzylphthalate	13.55	149	570874	43.022	ng	92
80) Benzo(a)anthracene	14.14	228	1539913	64.602	ng	95
81) 3,3'-Dichlorobenzidine	14.10	252	367328	39.753	ng	96
82) Chrysene	14.18	228	1517980	59.041	ng	99
83) Bis(2-ethylhexyl)phthalate	14.09	149	758936	45.496	ng	100
84) Di-n-octyl phthalate	14.72	149	1376969	51.426	ng	99
85) Indeno(1,2,3-cd)pyrene	17.28	276	1589341	81.270	ng	95
87) Benzo(b)fluoranthene	15.23	252	1492794	55.586	ng	98
88) Benzo(k)fluoranthene	15.26	252	1521768	46.154	ng	98
89) Benzo(a)pyrene	15.62	252	1579339	56.966	ng	98
90) Dibenzo(a,h)anthracene	17.29	278	1238449	51.211	ng	95
91) Benzo(g,h,i)perylene	17.75	276	1280039	54.703	ng	94

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

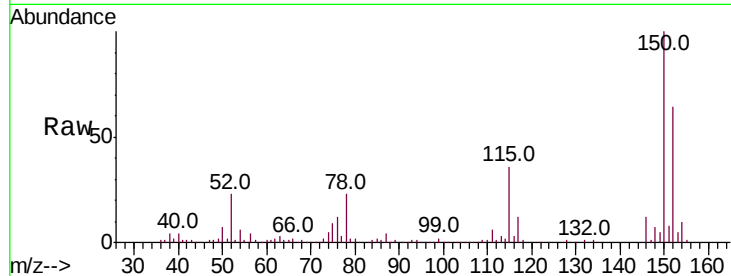


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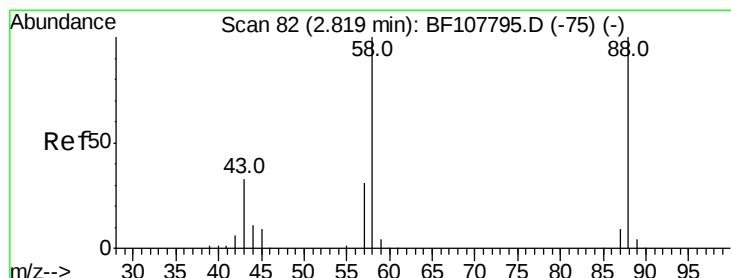
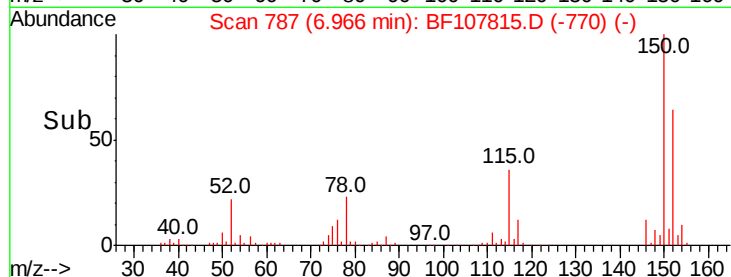
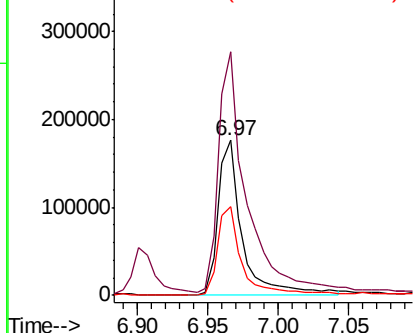
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 787
Delta R.T. 0.00 min
Lab File: BF107815.D
Acq: 30 Jul 2018 22:07

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 211643
Ion Ratio Lower Upper
152 100
150 157.4 124.6 186.8
115 57.1 50.1 75.1



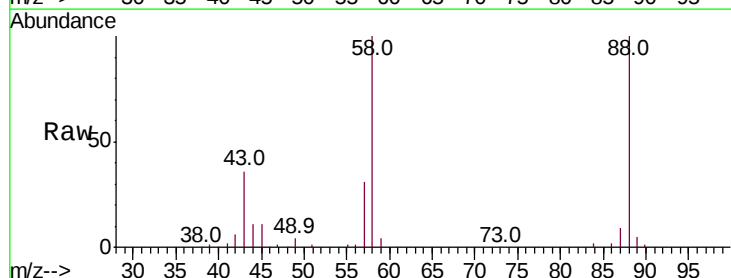
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



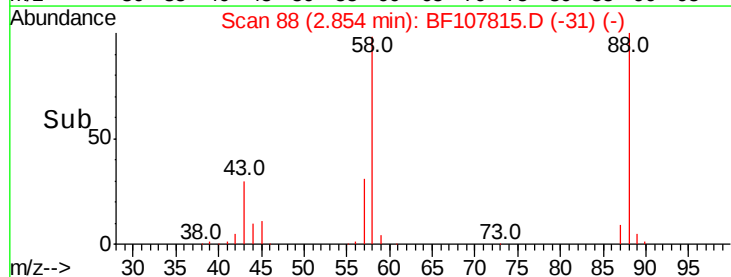
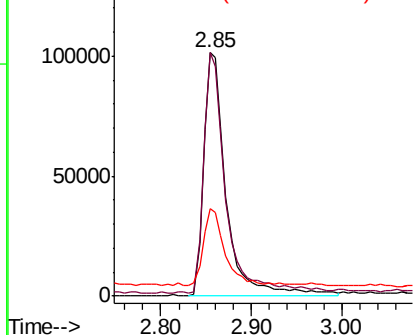
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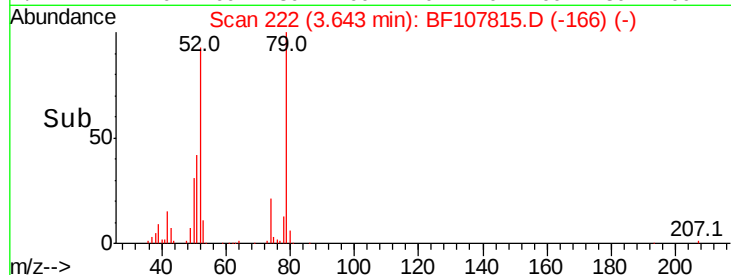
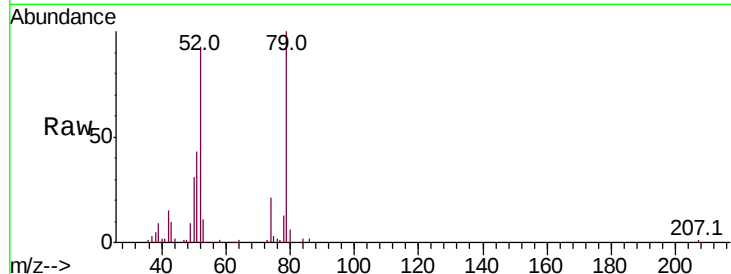
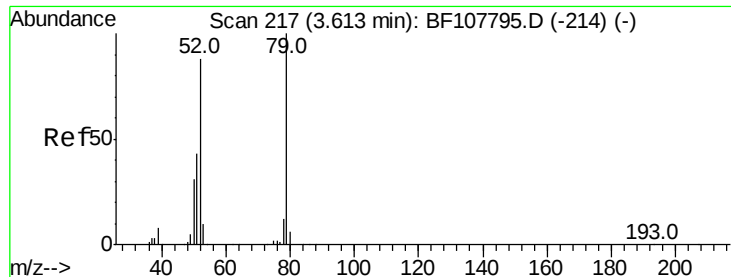
1,4-Dioxane
Concen: 32.588 ng
RT: 2.85 min Scan# 88
Delta R.T. 0.04 min
Lab File: BF107815.D
Acq: 30 Jul 2018 22:07

Tgt Ion: 88 Resp: 178038
Ion Ratio Lower Upper
88 100
58 95.5 62.6 93.8#
43 29.5 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

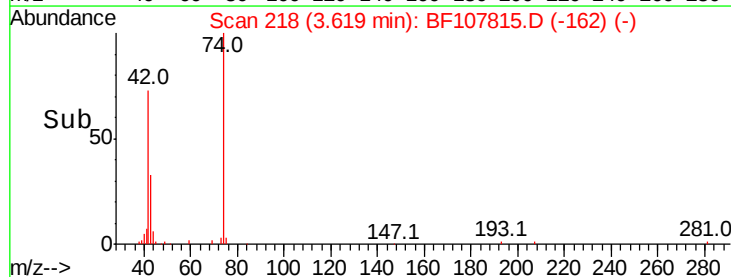
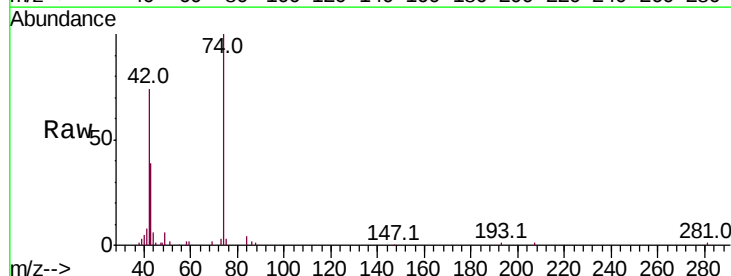
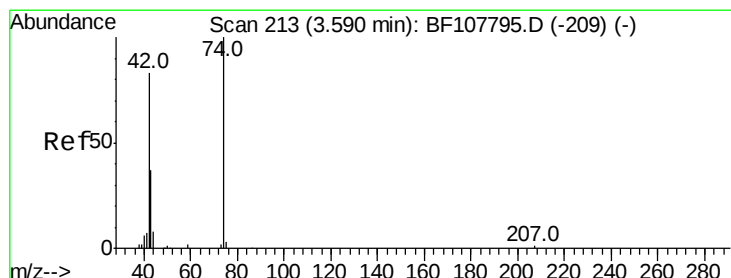
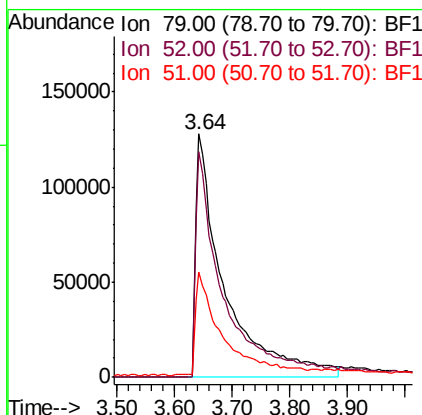




#3
 Pvridine
 Concen: 32.914 ng
 RT: 3.64 min Scan# 222
 Delta R.T. 0.03 min
 Lab File: BF107815.D
 Acq: 30 Jul 2018 22:07

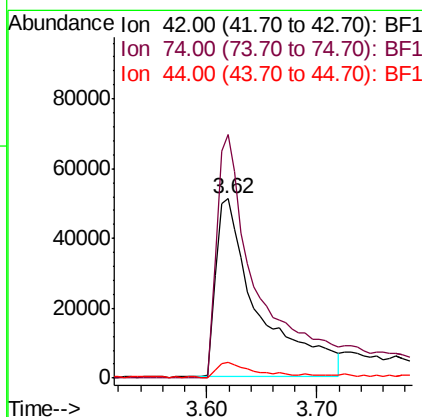
Instrument :
 BNA_F
 ClientSampleId :

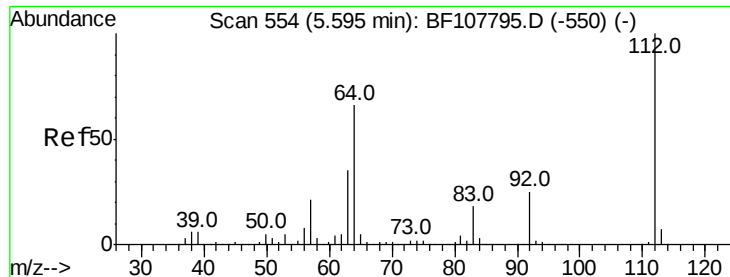
Tot Ion: 79 Resp: 448111
 Ion Ratio Lower Upper
 79 100
 52 92.9 59.8 89.6#
 51 43.1 29.8 44.8



#4
 n-Nitrosodimethylamine
 Concen: 21.854 ng
 RT: 3.62 min Scan# 218
 Delta R.T. 0.03 min
 Lab File: BF107815.D
 Acq: 30 Jul 2018 22:07

Tgt Ion: 42 Resp: 138473
 Ion Ratio Lower Upper
 42 100
 74 135.9 104.9 157.3
 44 8.8 6.9 10.3





#5

2-Fluorophenol

Concen: 113.586 ng

RT: 5.61 min Scan# 556

Delta R.T. 0.01 min

Lab File: BF107815.D

Acq: 30 Jul 2018 22:07

Instrument :
BNA_F
ClientSampled :

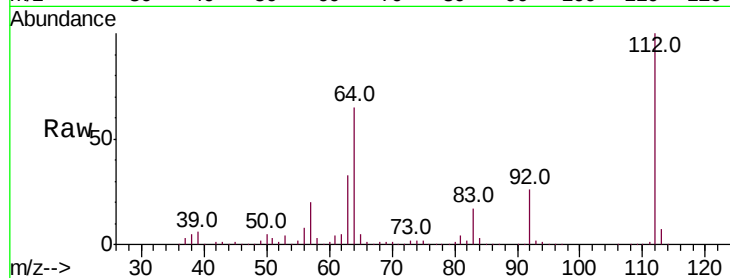
Tot Ion:112 Resp: 1414474

Ion Ratio Lower Upper

112 100

64 64.9 47.9 71.9

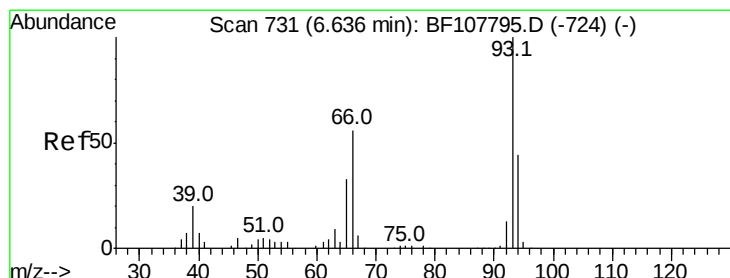
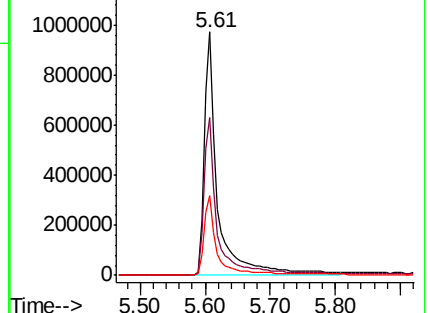
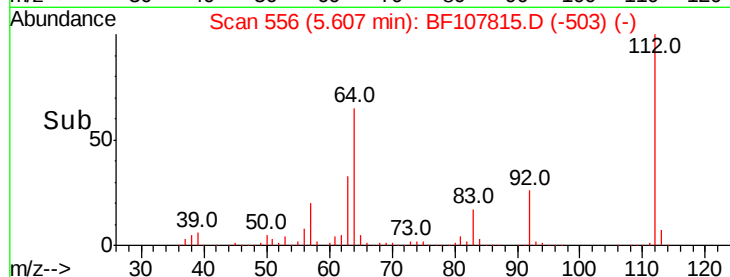
63 32.8 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 31.057 ng

RT: 6.64 min Scan# 731

Delta R.T. 0.00 min

Lab File: BF107815.D

Acq: 30 Jul 2018 22:07

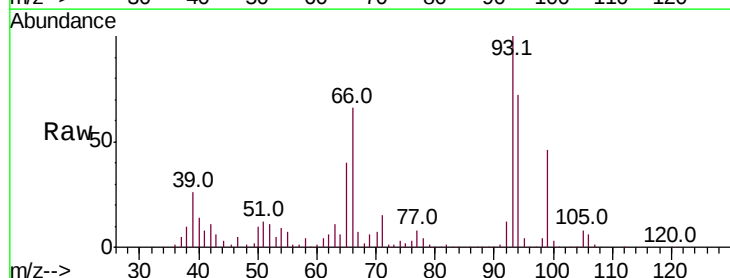
Tgt Ion: 93 Resp: 530161

Ion Ratio Lower Upper

93 100

66 65.9 32.2 48.2#

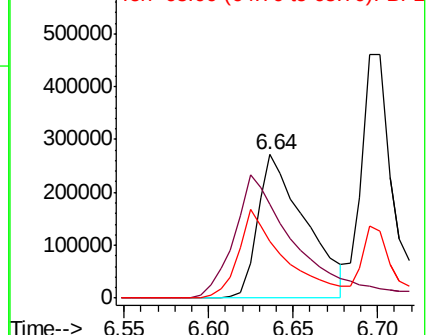
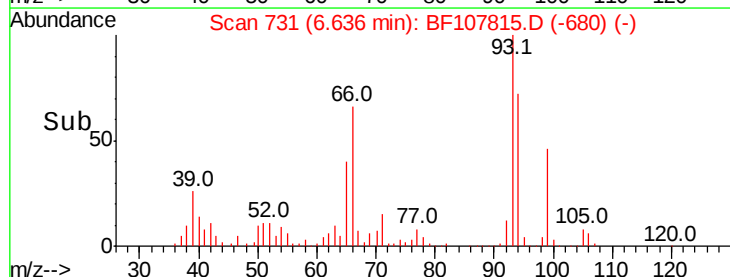
65 39.6 16.4 24.6#

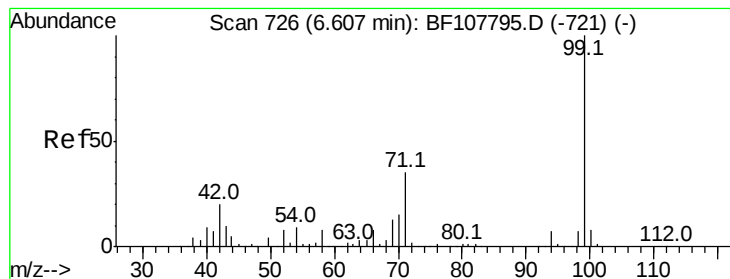


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 105.130 ng

RT: 6.61 min Scan# 727

Delta R.T. 0.01 min

Lab File: BF107815.D

Acq: 30 Jul 2018 22:07

Instrument :

BNA_F

ClientSampled :

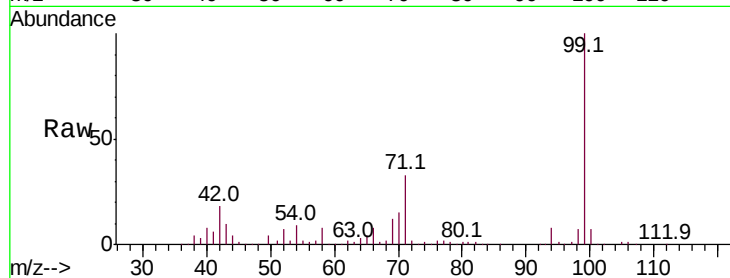
Tot Ion: 99 Resp: 1725422

Ion Ratio Lower Upper

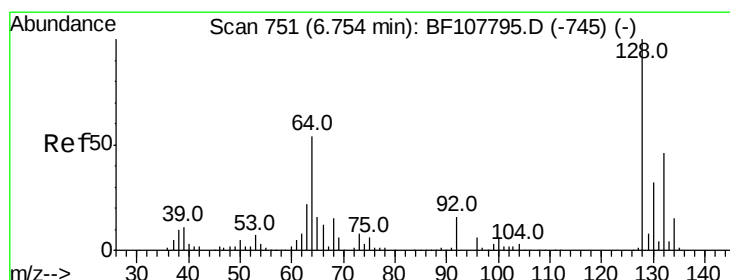
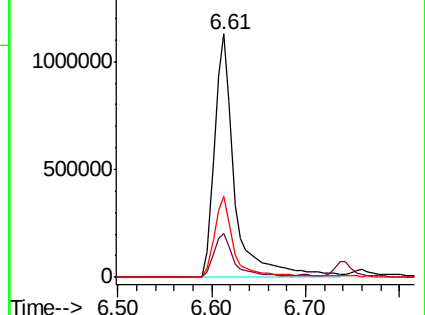
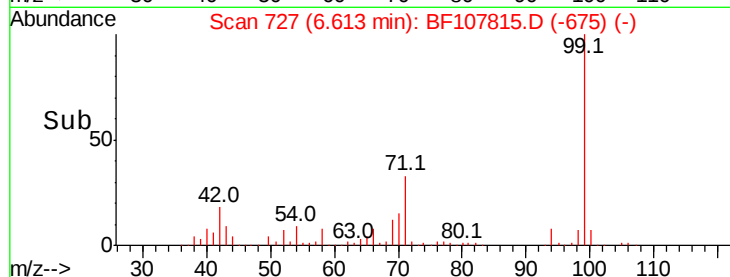
99 100

42 18.3 14.5 21.7

71 33.1 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: 37.758 ng

RT: 6.76 min Scan# 752

Delta R.T. 0.01 min

Lab File: BF107815.D

Acq: 30 Jul 2018 22:07

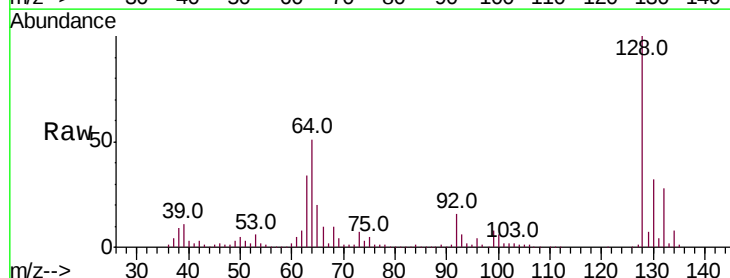
Tgt Ion:128 Resp: 590634

Ion Ratio Lower Upper

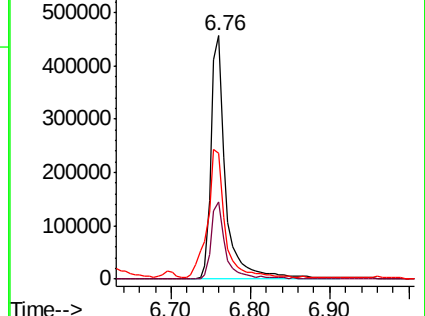
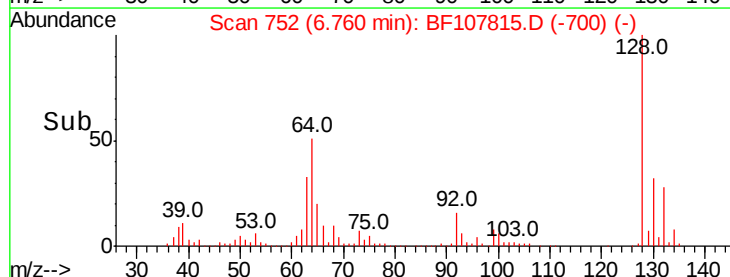
128 100

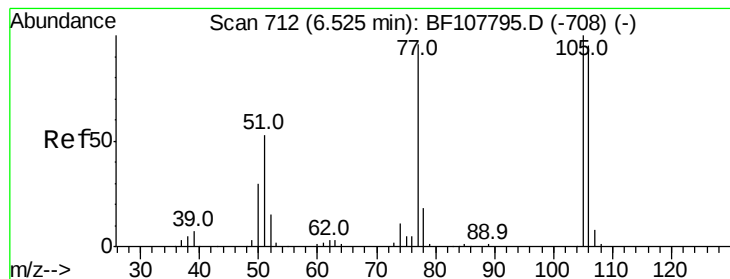
130 31.9 13.0 53.0

64 51.5 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: 29.281 ng

RT: 6.52 min Scan# 711

Delta R.T. -0.01 min

Lab File: BF107815.D

Acq: 30 Jul 2018 22:07

Instrument :

BNA_F

ClientSampleId :

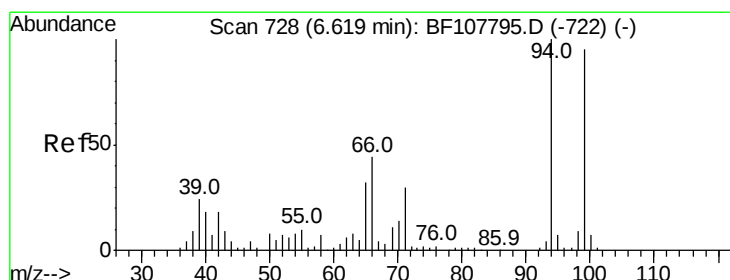
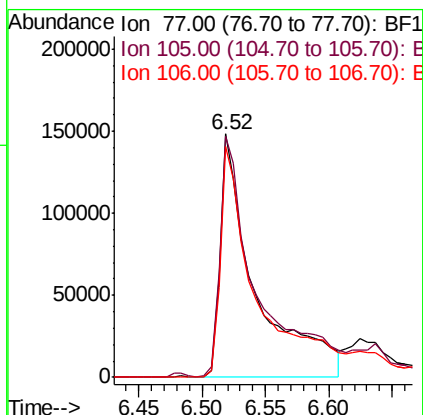
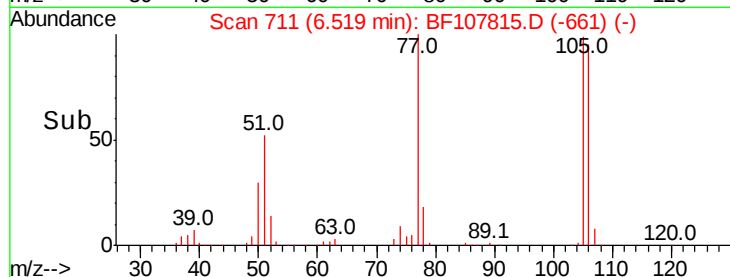
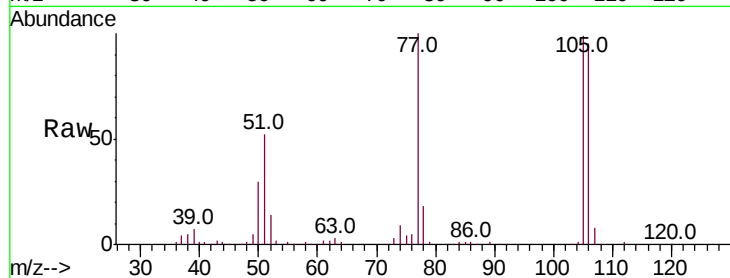
Tot Ion: 77 Resp: 289943

Ion Ratio Lower Upper

77 100

105 99.2 81.1 121.1

106 94.6 74.5 114.5



#10

Phenol

Concen: 35.412 ng

RT: 6.62 min Scan# 729

Delta R.T. 0.01 min

Lab File: BF107815.D

Acq: 30 Jul 2018 22:07

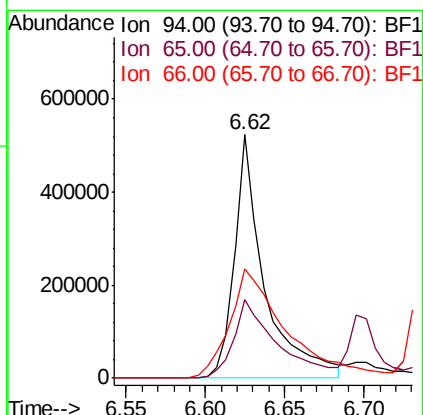
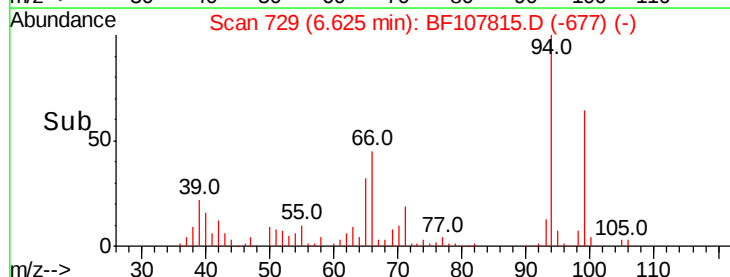
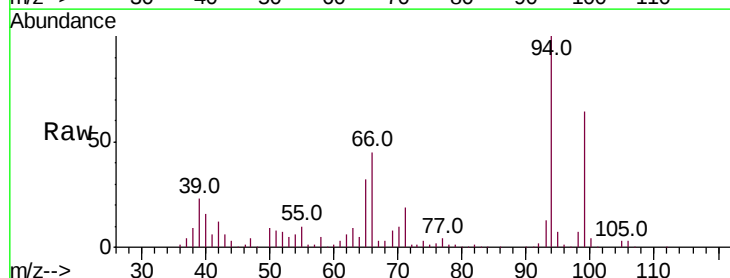
Tgt Ion: 94 Resp: 693094

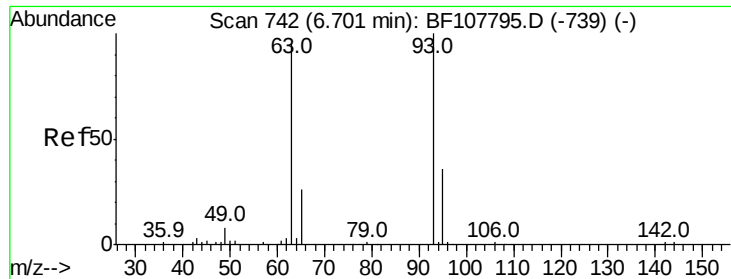
Ion Ratio Lower Upper

94 100

65 32.2 7.9 47.9

66 44.7 16.2 56.2

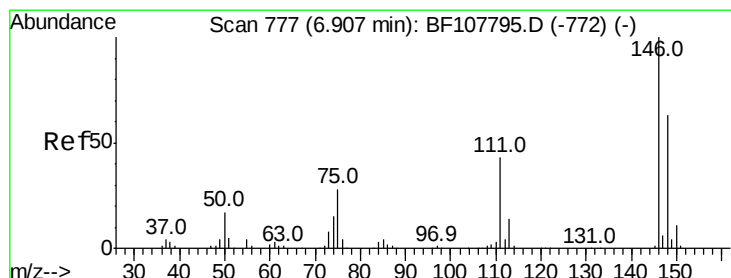
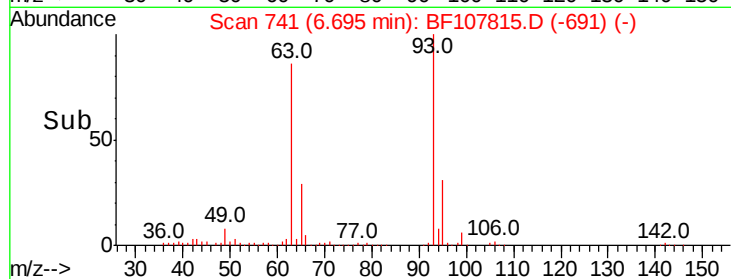
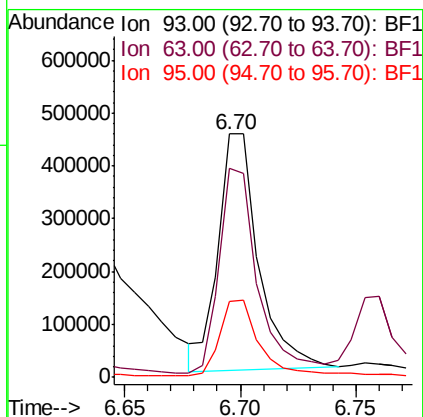
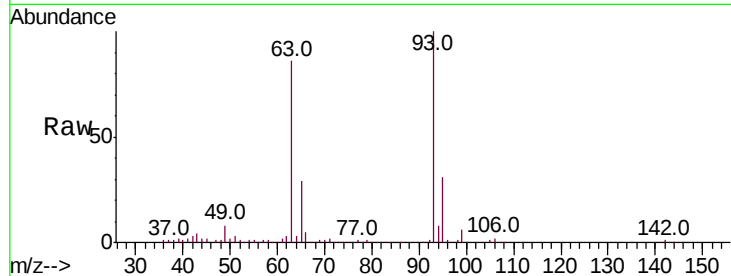




#11
bis(2-Chloroethyl)ether
Concen: 31.247 ng
RT: 6.70 min Scan# 741
Delta R.T. -0.01 min
Lab File: BF107815.D
Acq: 30 Jul 2018 22:07

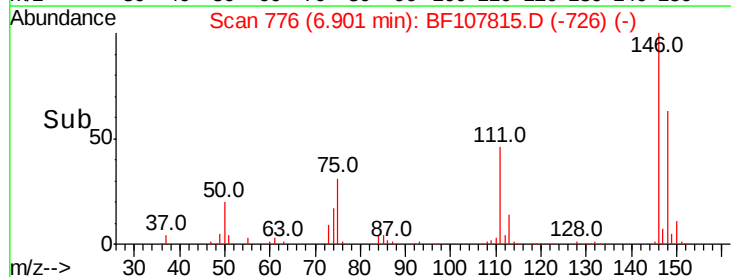
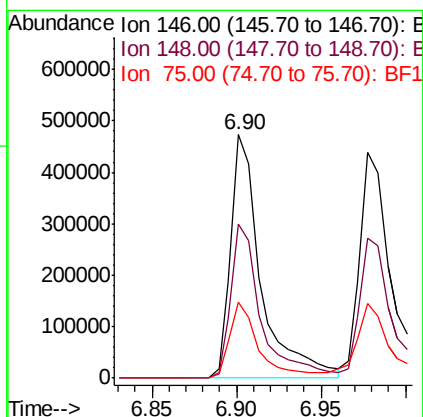
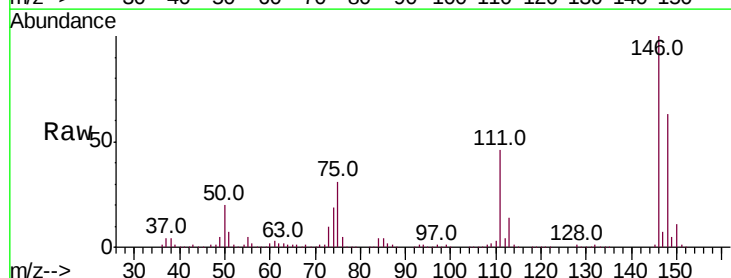
Instrument :
BNA_F
ClientSampleId :

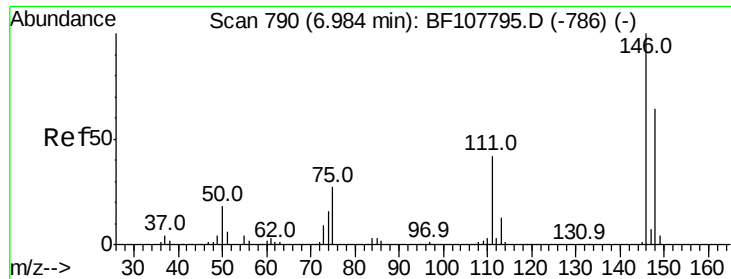
Tot Ion: 93 Resp: 543811
Ion Ratio Lower Upper
93 100
63 85.9 58.6 98.6
95 31.1 11.8 51.8



#12
1,3-Dichlorobenzene
Concen: 36.082 ng
RT: 6.90 min Scan# 776
Delta R.T. -0.01 min
Lab File: BF107815.D
Acq: 30 Jul 2018 22:07

Tgt Ion: 146 Resp: 591960
Ion Ratio Lower Upper
146 100
148 63.1 51.8 77.8
75 31.4 24.2 36.4

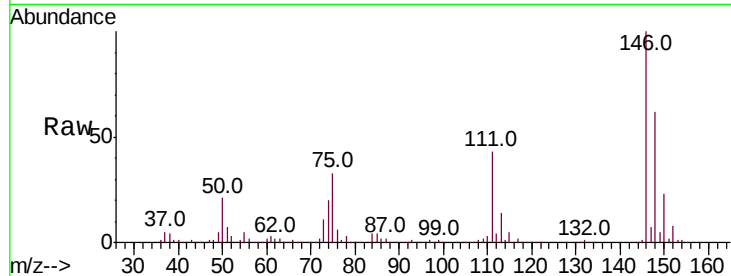




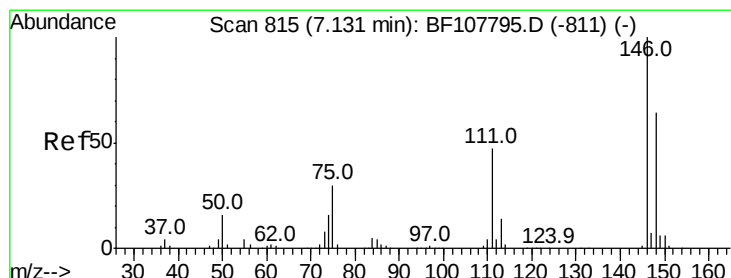
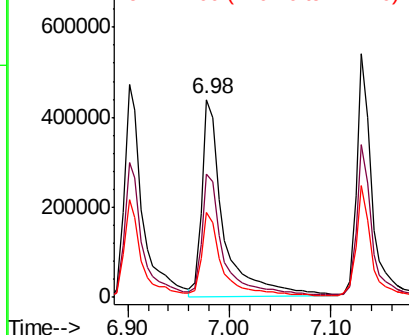
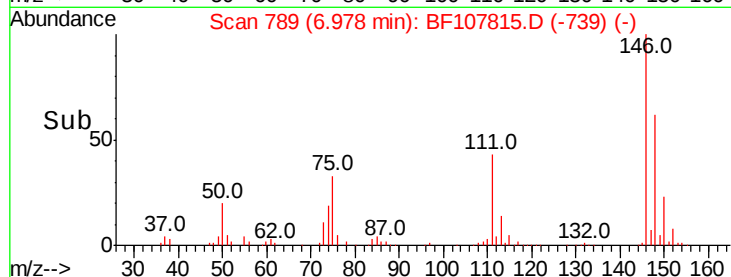
#13
 1,4-Dichlorobenzene
 Concen: 35.798 ng
 RT: 6.98 min Scan# 789
 Delta R.T. -0.01 min
 Lab File: BF107815.D
 Acq: 30 Jul 2018 22:07

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:146 Resp: 653768
 Ion Ratio Lower Upper
 146 100
 148 62.2 50.8 76.2
 111 43.1 34.2 51.2

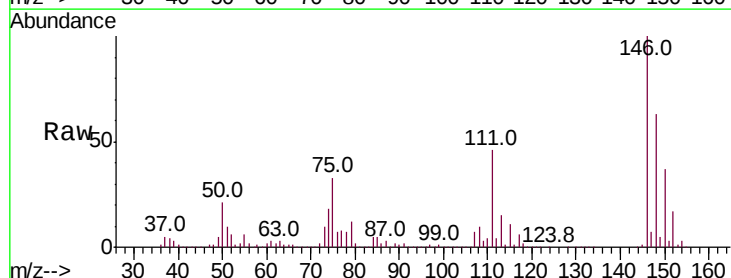


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

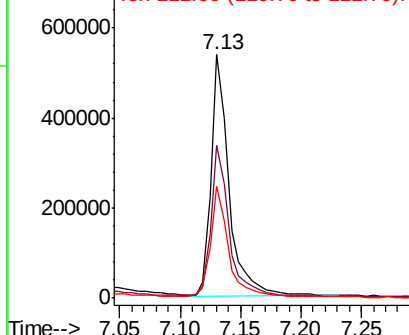
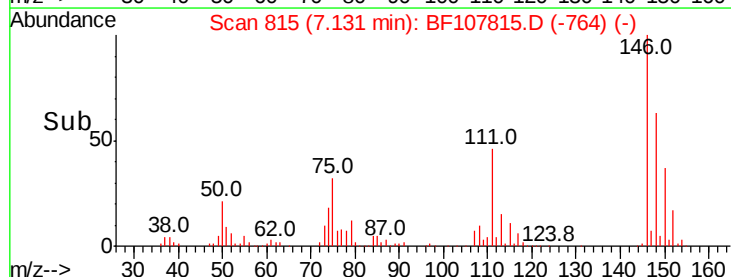


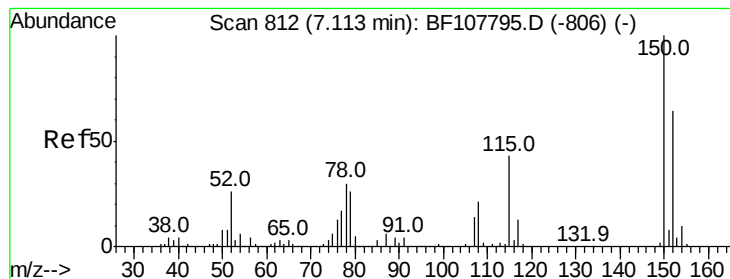
#14
 1,2-Dichlorobenzene
 Concen: 32.615 ng
 RT: 7.13 min Scan# 815
 Delta R.T. 0.00 min
 Lab File: BF107815.D
 Acq: 30 Jul 2018 22:07

Tgt Ion:146 Resp: 552922
 Ion Ratio Lower Upper
 146 100
 148 62.8 50.6 75.8
 111 45.9 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: 41.318 ng

RT: 7.11 min Scan# 812

Delta R.T. 0.00 min

Lab File: BF107815.D

Acq: 30 Jul 2018 22:07

Instrument :

BNA_F

ClientSampleId :

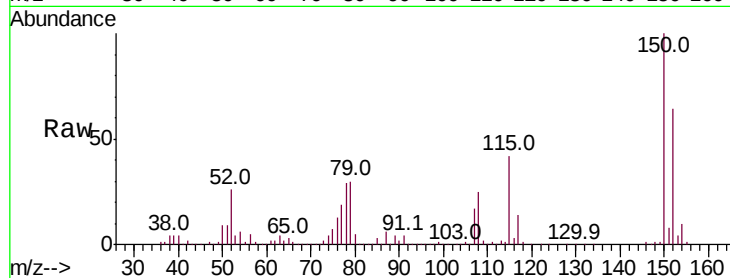
Tot Ion: 79 Resp: 421486

Ion Ratio Lower Upper

79 100

108 82.5 65.1 97.7

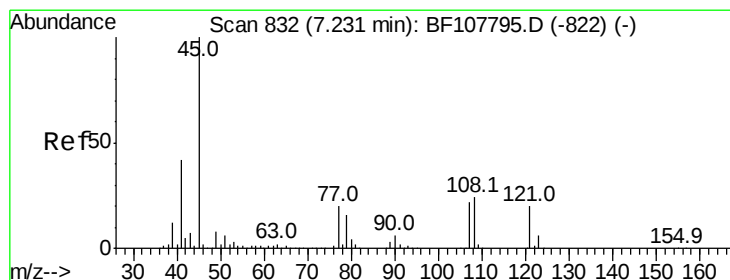
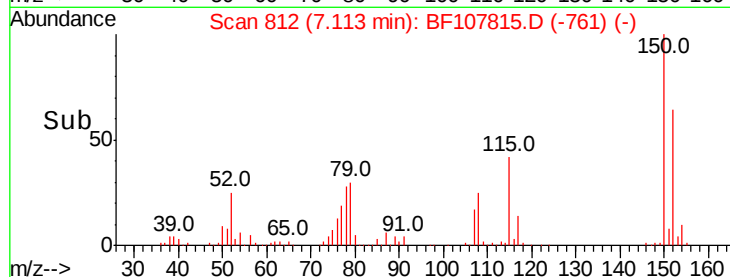
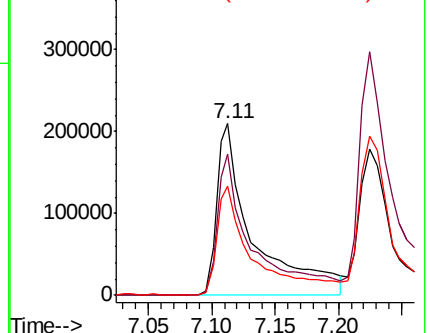
77 63.8 50.6 75.8



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1



#16

2,2'-oxybis(1-chloropropane)

Concen: 37.950 ng

RT: 7.23 min Scan# 832

Delta R.T. 0.00 min

Lab File: BF107815.D

Acq: 30 Jul 2018 22:07

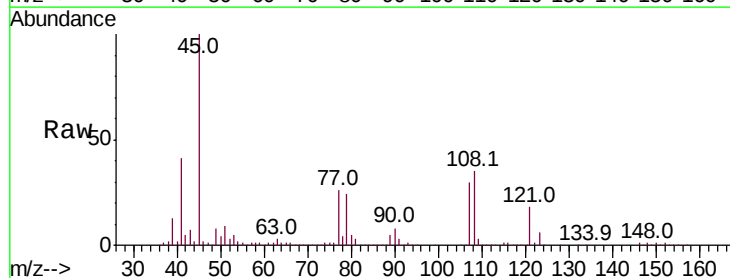
Tgt Ion: 45 Resp: 949594

Ion Ratio Lower Upper

45 100

77 26.2 0.0 32.9

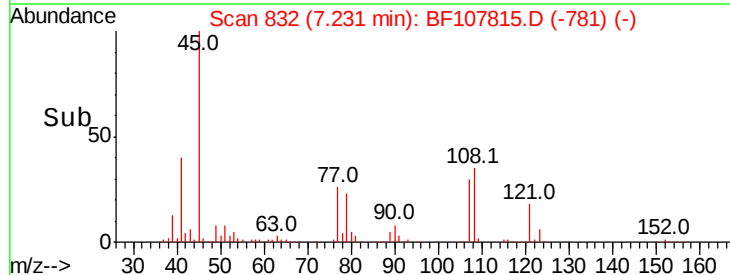
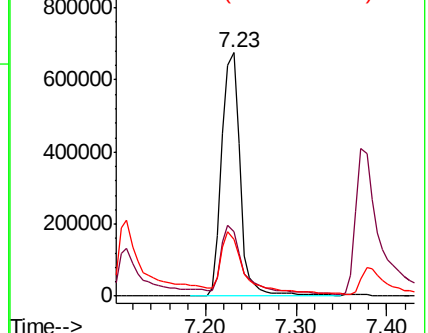
79 23.5 0.0 29.6

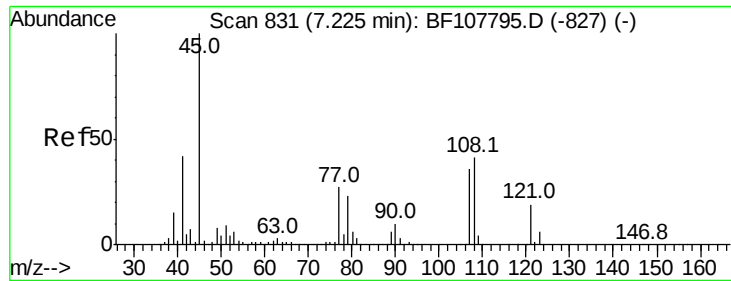


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

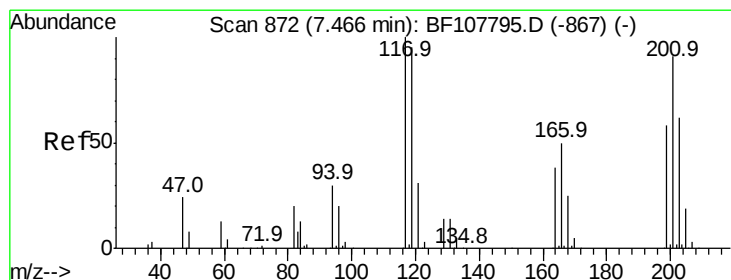
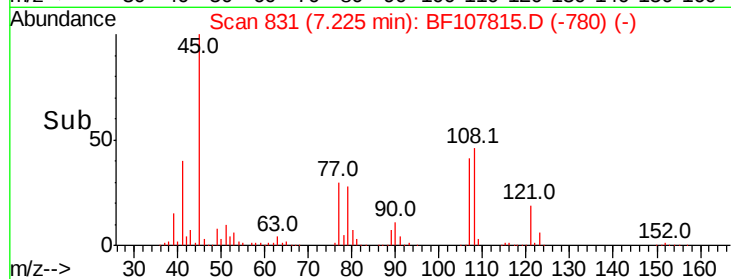
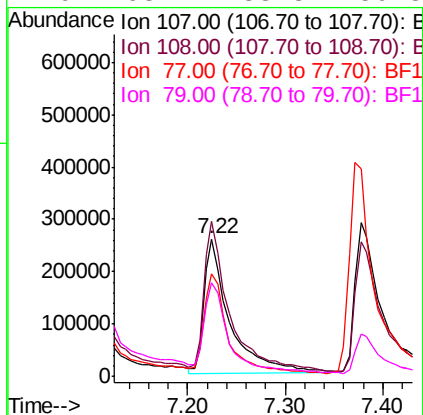
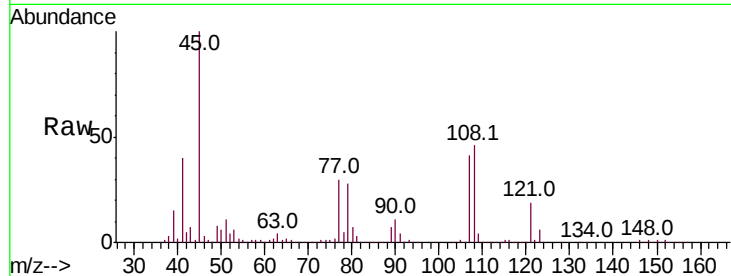




#17
2-Methylphenol
Concen: 41.407 ng
RT: 7.22 min Scan# 831
Delta R.T. 0.00 min
Lab File: BF107815.D
Acq: 30 Jul 2018 22:07

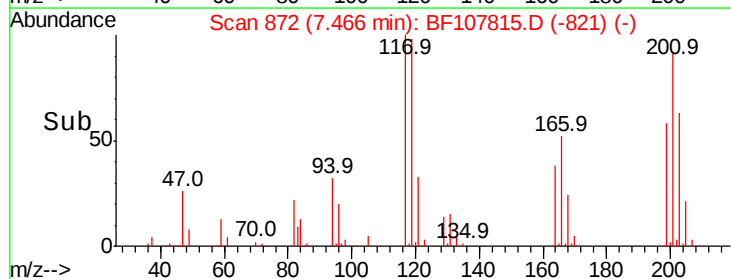
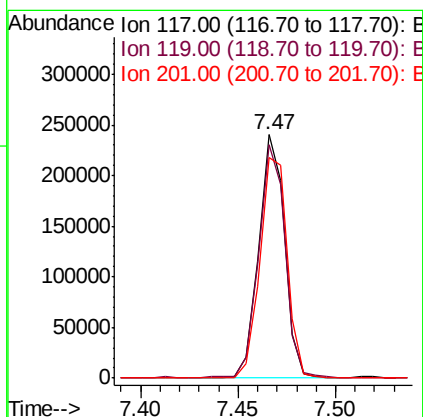
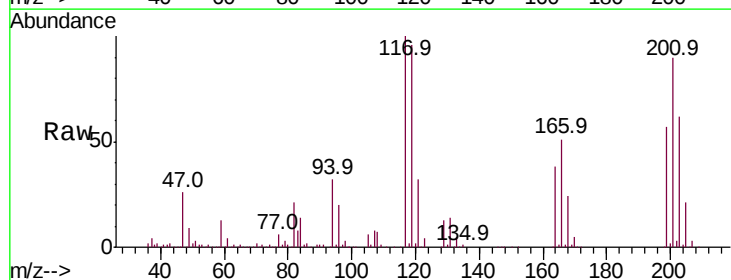
Instrument :
BNA_F
ClientSampleId :

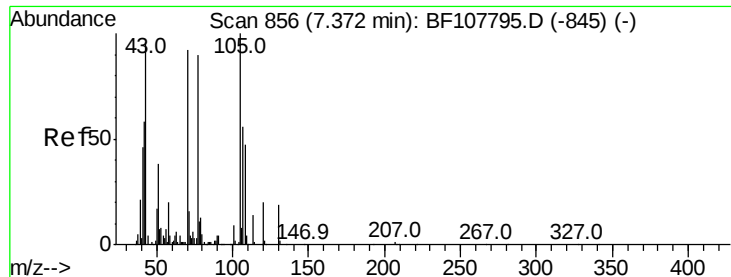
Tot Ion	Ratio	Lower	Upper
107	100		
108	113.4	91.7	137.5
77	74.3	33.8	50.8#
79	68.1	33.8	50.8#



#18
Hexachloroethane
Concen: 33.580 ng
RT: 7.47 min Scan# 872
Delta R.T. 0.00 min
Lab File: BF107815.D
Acq: 30 Jul 2018 22:07

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.1	75.8	113.8
201	90.4	75.7	113.5

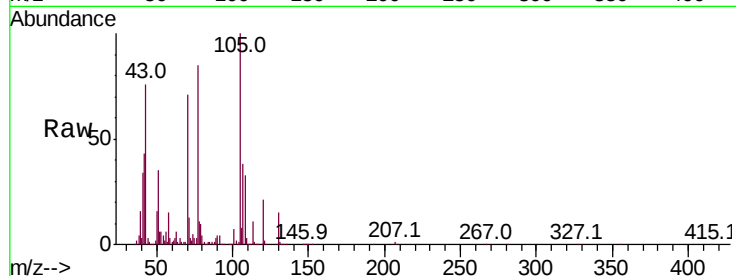




#19
n-Nitroso-di-n-propylamine
Concen: 39.039 ng
RT: 7.37 min Scan# 856
Delta R.T. 0.00 min
Lab File: BF107815.D
Acq: 30 Jul 2018 22:07

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
70	100		
42	60.4	47.5	71.3
101	9.8	7.4	11.2
130	20.5	16.6	25.0



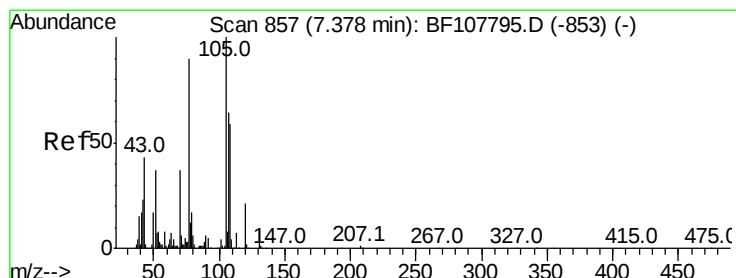
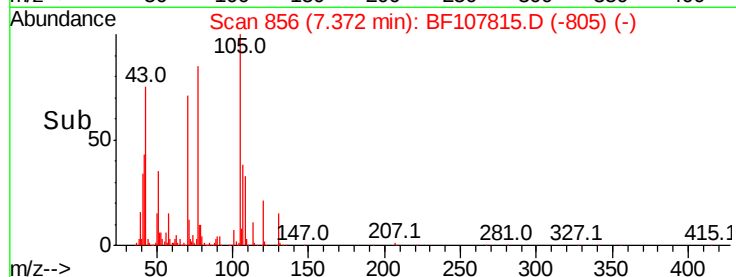
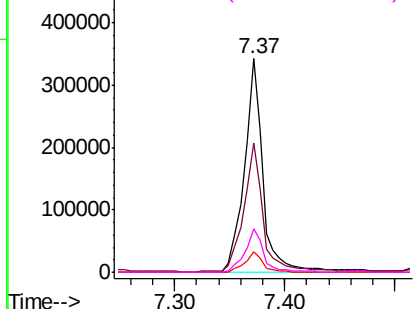
Abundance

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: 44.725 ng
RT: 7.38 min Scan# 857
Delta R.T. 0.00 min
Lab File: BF107815.D
Acq: 30 Jul 2018 22:07

Tgt Ion	Ratio	Lower	Upper
107	100		
108	87.7	68.2	108.2
77	135.5	26.7	66.7#
79	27.2	6.3	46.3

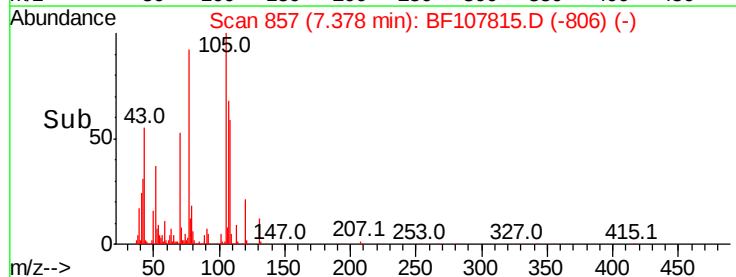
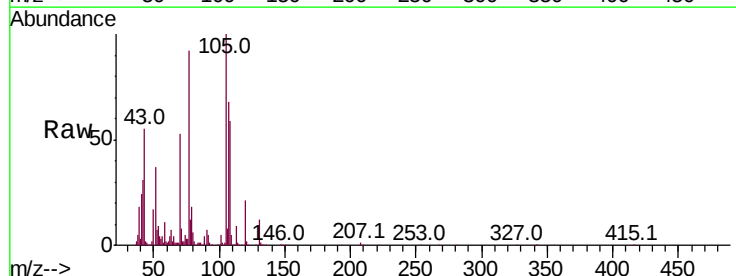
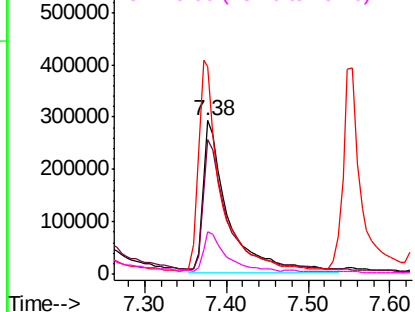
Abundance

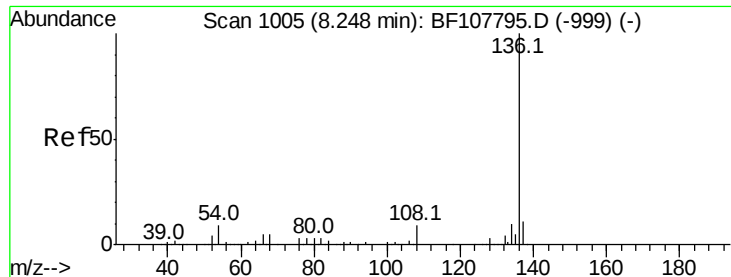
Ion 107.00 (106.70 to 107.70): BF1

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

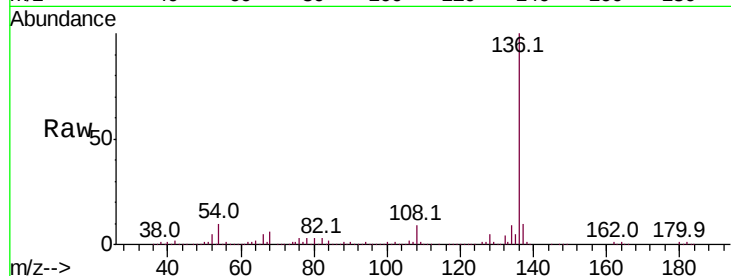




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.25 min Scan# 1005
Delta R.T. 0.00 min
Lab File: BF107815.D
Acq: 30 Jul 2018 22:07

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	811182
Ion Ratio	Lower	Upper
136	100	
137	10.5	8.9 13.3
54	9.6	6.6 9.8
68	6.2	5.0 7.4



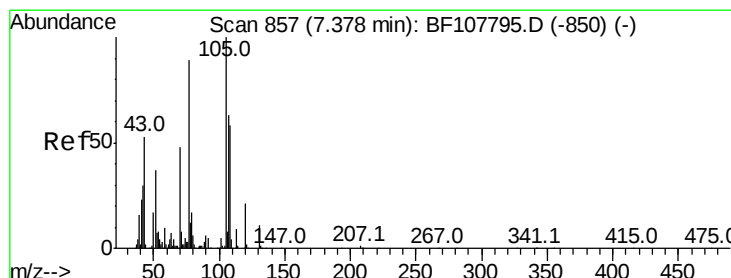
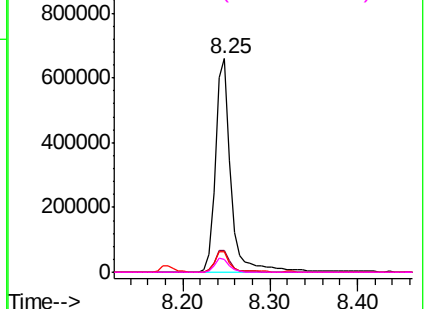
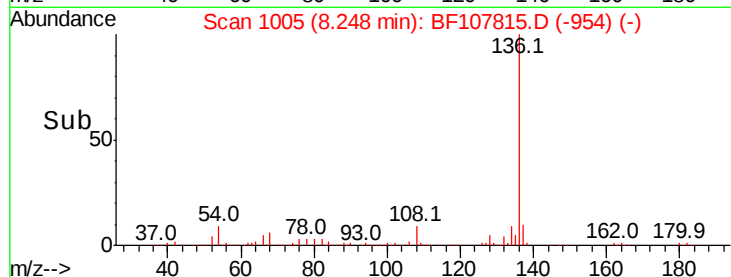
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

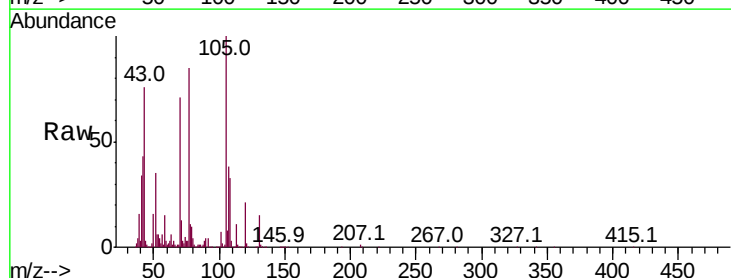
Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22
Acetophenone
Concen: 43.121 ng
RT: 7.37 min Scan# 856
Delta R.T. -0.01 min
Lab File: BF107815.D
Acq: 30 Jul 2018 22:07

Tgt Ion:105	Resp:	841559
Ion Ratio	Lower	Upper
105	100	
71	12.5	4.4 6.6#
51	35.2	22.3 33.5#
120	21.4	16.9 25.3



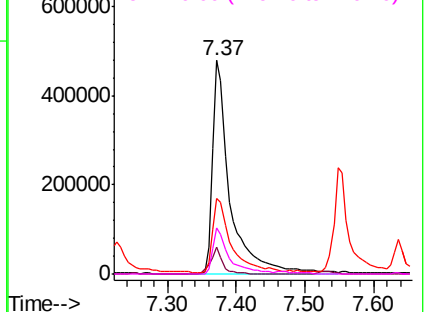
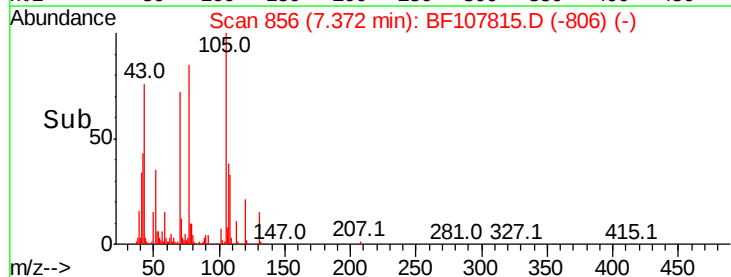
Abundance

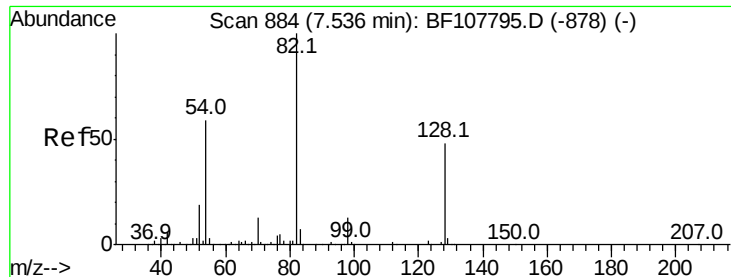
Ion 105.00 (104.70 to 105.70): E

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

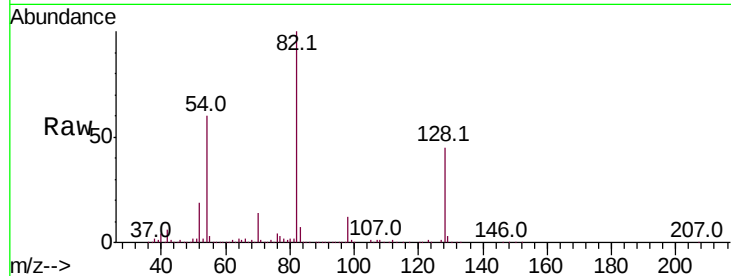




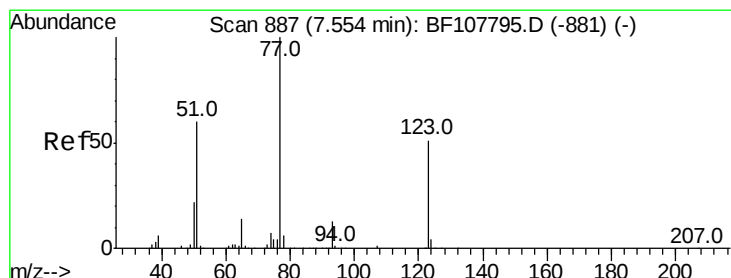
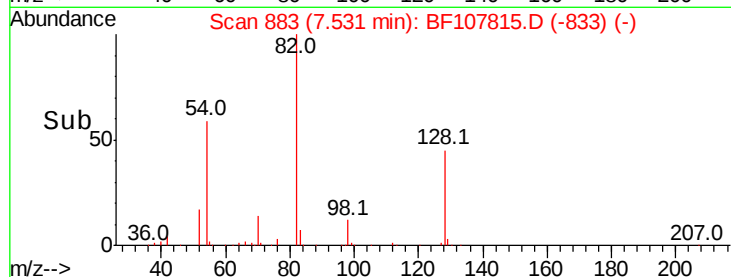
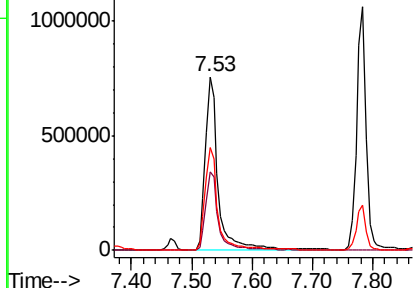
#23
Nitrobenzene-d5
Concen: 82.337 ng
RT: 7.53 min Scan# 883
Delta R.T. -0.01 min
Lab File: BF107815.D
Acq: 30 Jul 2018 22:07

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 82 Resp: 1159349
Ion Ratio Lower Upper
82 100
128 45.0 36.1 54.1
54 59.7 41.4 62.2

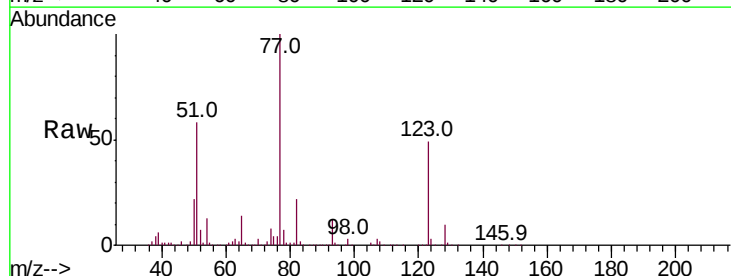


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

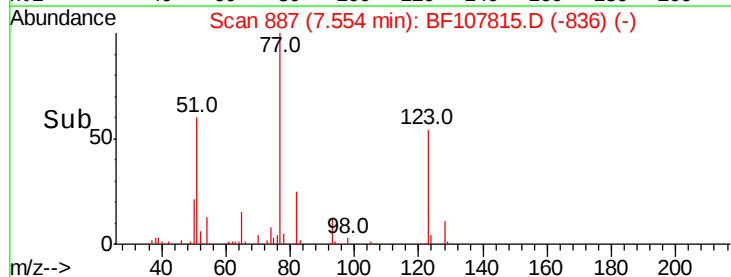
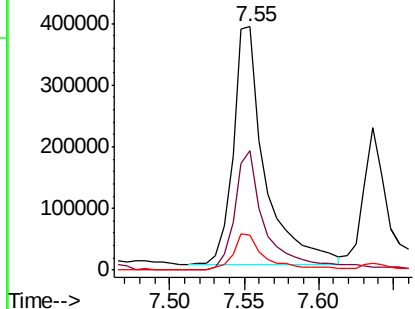


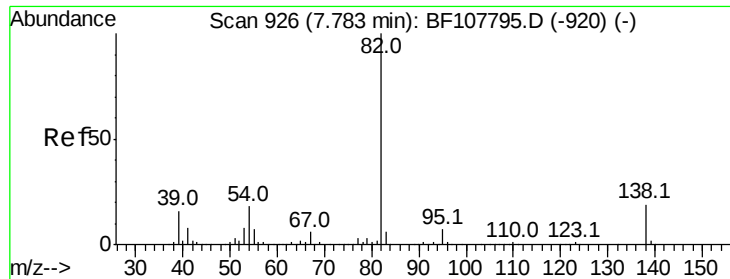
#24
Nitrobenzene
Concen: 38.735 ng
RT: 7.55 min Scan# 887
Delta R.T. 0.00 min
Lab File: BF107815.D
Acq: 30 Jul 2018 22:07

Tgt Ion: 77 Resp: 571898
Ion Ratio Lower Upper
77 100
123 49.1 37.9 56.9
65 14.5 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: 49.110 ng

RT: 7.78 min Scan# 926

Delta R.T. 0.00 min

Lab File: BF107815.D

Acq: 30 Jul 2018 22:07

Instrument :

BNA_F

ClientSampleId :

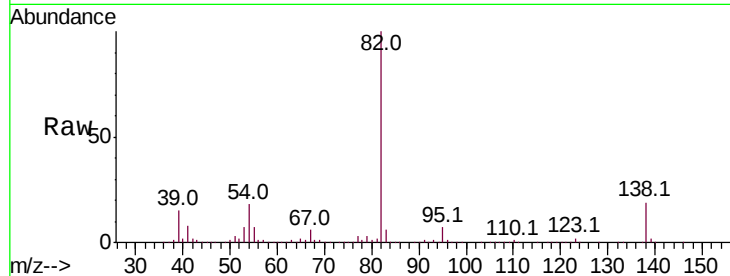
Tot Ion: 82 Resp: 1135088

Ion Ratio Lower Upper

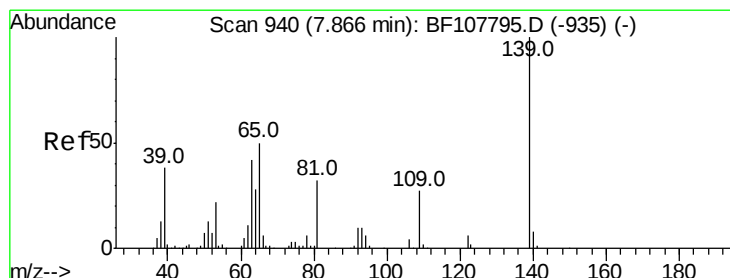
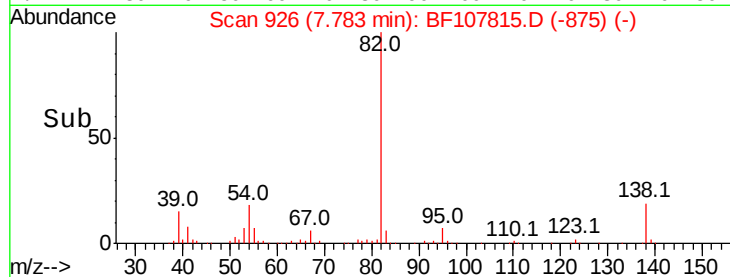
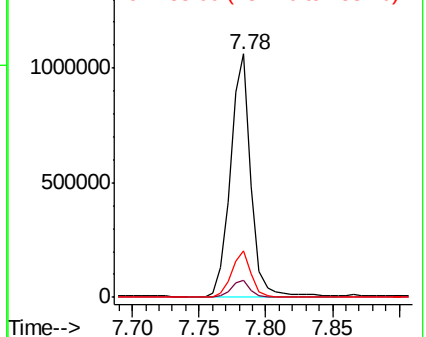
82 100

95 7.0 5.2 7.8

138 19.1 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: 44.643 ng

RT: 7.87 min Scan# 940

Delta R.T. 0.00 min

Lab File: BF107815.D

Acq: 30 Jul 2018 22:07

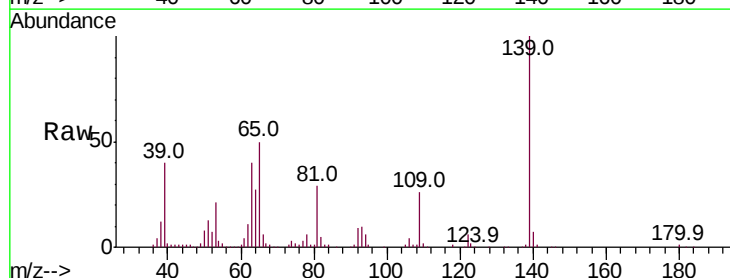
Tgt Ion:139 Resp: 330794

Ion Ratio Lower Upper

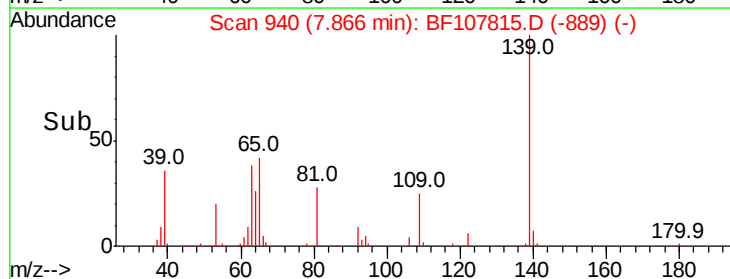
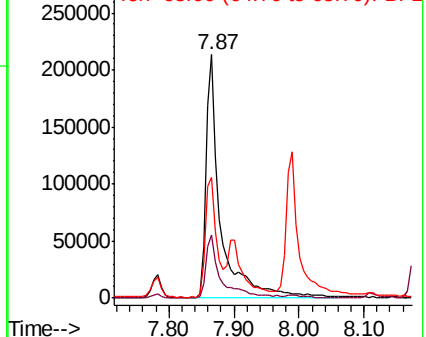
139 100

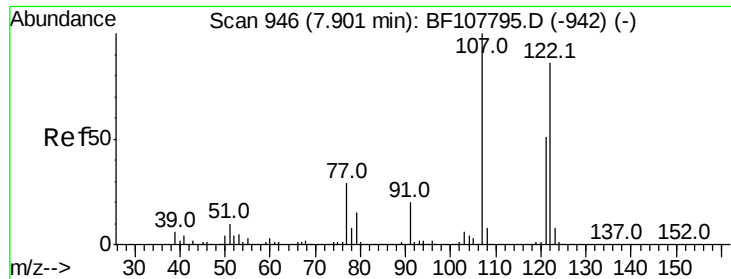
109 25.9 22.7 34.1

65 49.8 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

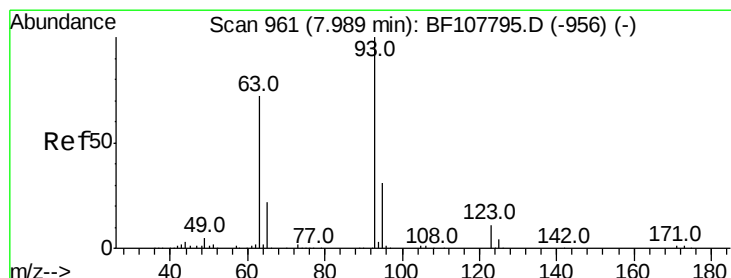
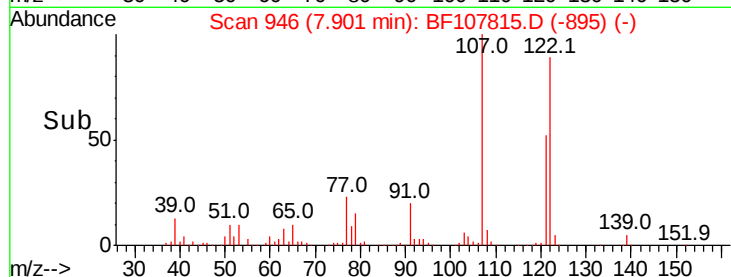
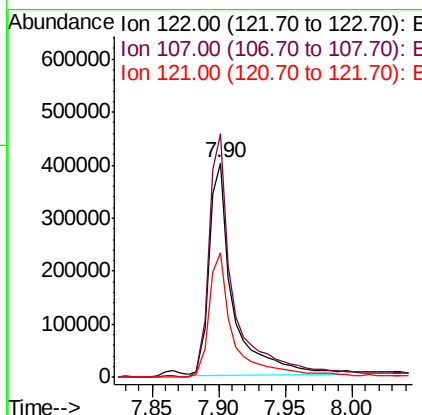
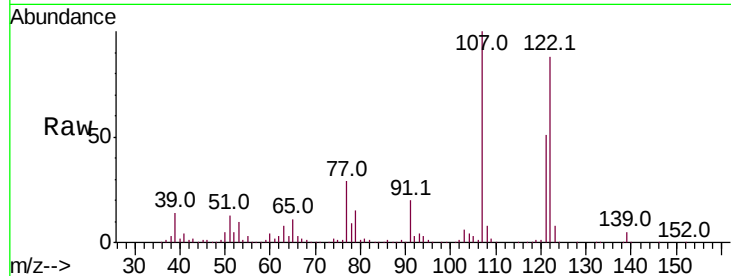




#27
 2,4-Dimethylphenol
 Concen: 50.730 ng
 RT: 7.90 min Scan# 946
 Delta R.T. 0.00 min
 Lab File: BF107815.D
 Acq: 30 Jul 2018 22:07

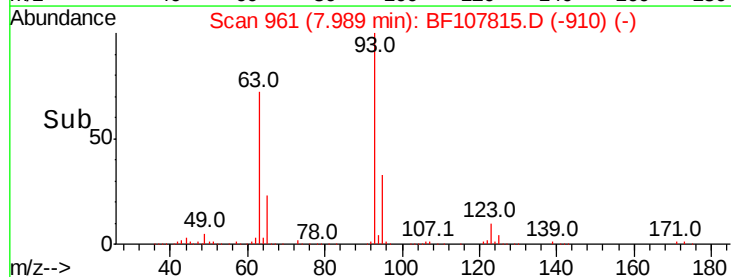
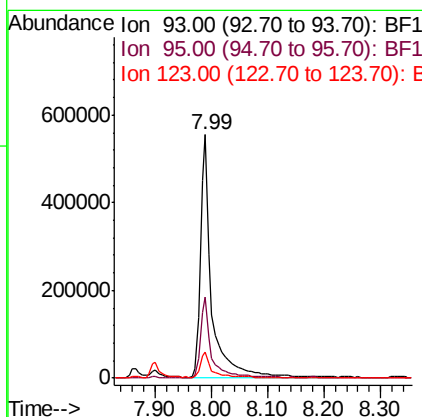
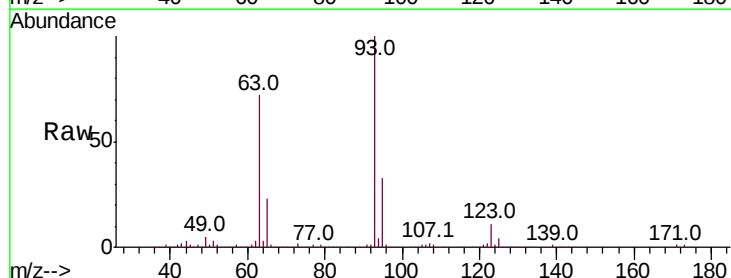
Instrument :
 BNA_F
 ClientSampled :

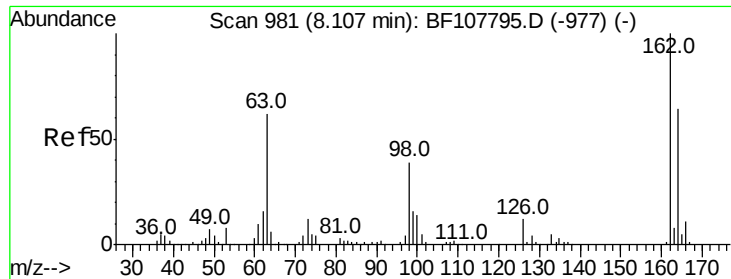
Tot Ion:122 Resp: 503267
 Ion Ratio Lower Upper
 122 100
 107 113.7 91.2 136.8
 121 58.3 47.2 70.8



#28
 bis(2-Chloroethoxy)methane
 Concen: 49.651 ng
 RT: 7.99 min Scan# 961
 Delta R.T. 0.00 min
 Lab File: BF107815.D
 Acq: 30 Jul 2018 22:07

Tgt Ion: 93 Resp: 756276
 Ion Ratio Lower Upper
 93 100
 95 33.5 26.3 39.5
 123 10.8 9.8 14.6

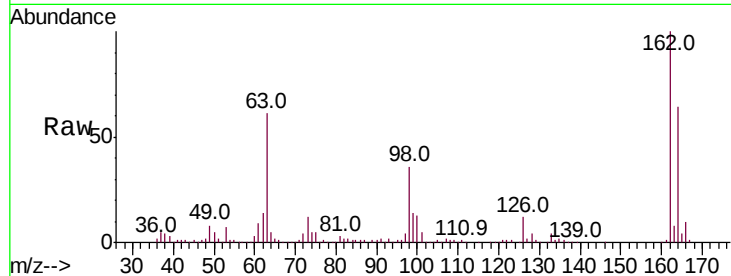




#29
 2,4-Dichlorophenol
 Concen: 44.390 ng
 RT: 8.11 min Scan# 982
 Delta R.T. 0.01 min
 Lab File: BF107815.D
 Acq: 30 Jul 2018 22:07

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	63.8	42.7	82.7
98	36.5	18.1	58.1

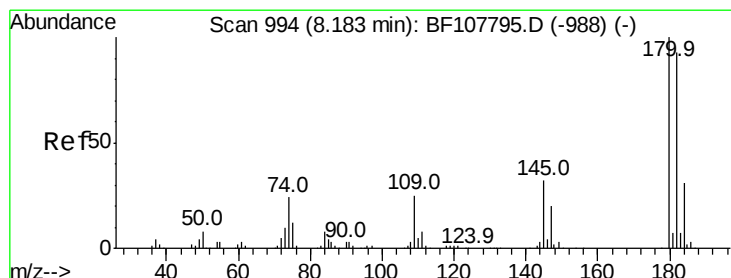
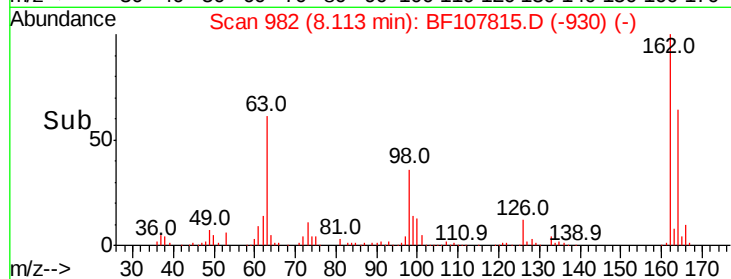
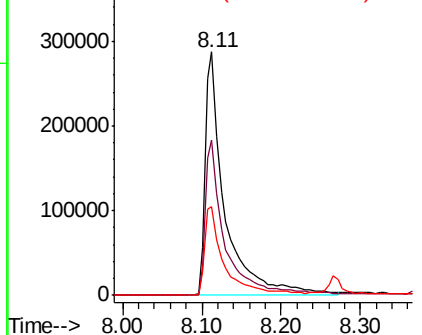


Abundance

Ion 162.00 (161.70 to 162.70): E

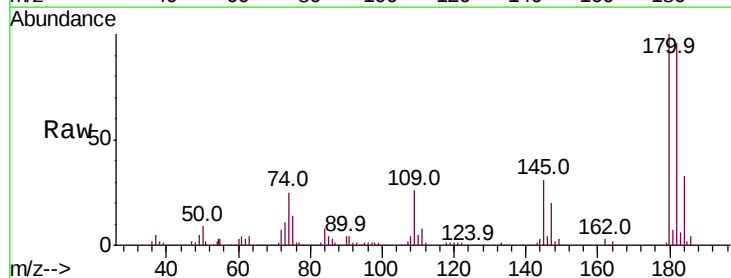
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30
 1,2,4-Trichlorobenzene
 Concen: 40.063 ng
 RT: 8.18 min Scan# 994
 Delta R.T. 0.00 min
 Lab File: BF107815.D
 Acq: 30 Jul 2018 22:07

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.3	76.8	115.2
145	31.4	26.5	39.7

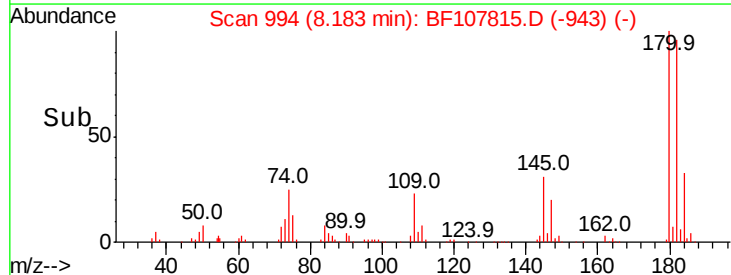
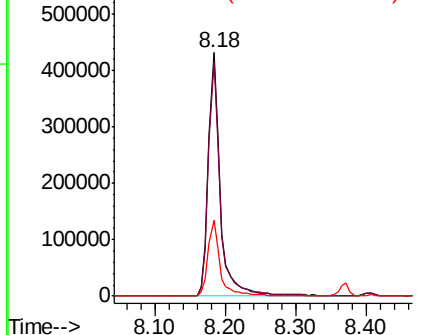


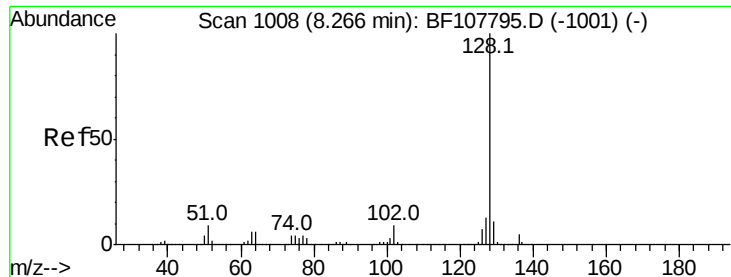
Abundance

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

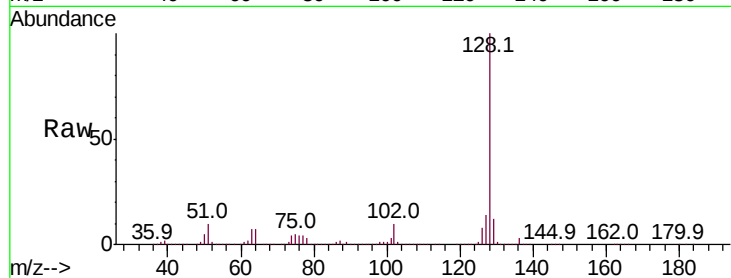




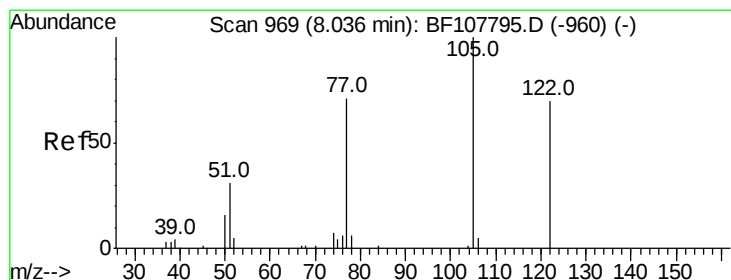
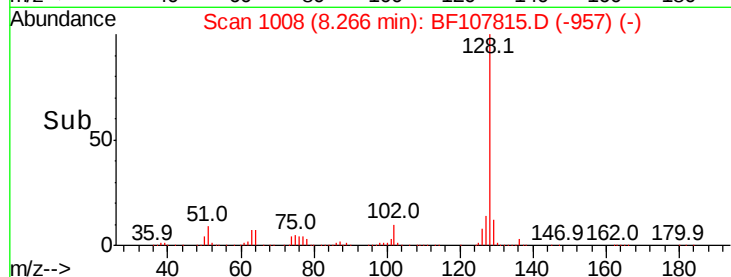
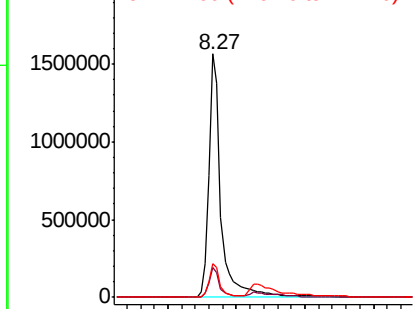
#31
Naphthalene
Concen: 52.210 ng
RT: 8.27 min Scan# 1008
Delta R.T. 0.00 min
Lab File: BF107815.D
Acq: 30 Jul 2018 22:07

Instrument :
BNA_F
ClientSampleId :

Tot Ion:128 Resp: 1968681
Ion Ratio Lower Upper
128 100
129 12.1 8.8 13.2
127 14.1 10.9 16.3

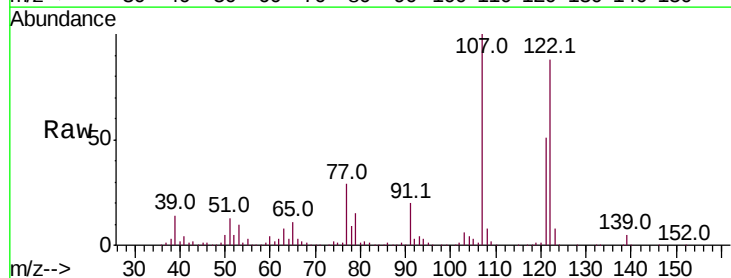


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

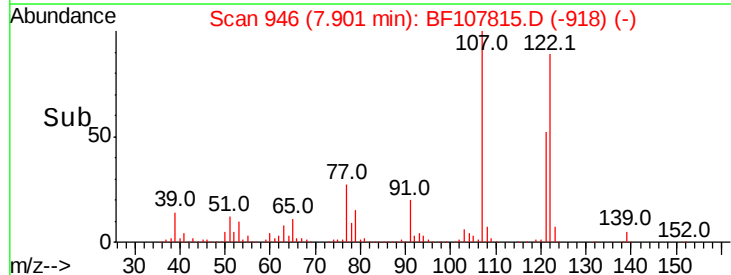
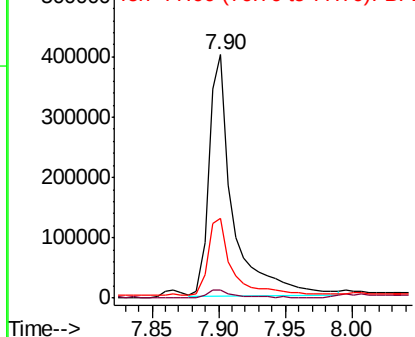


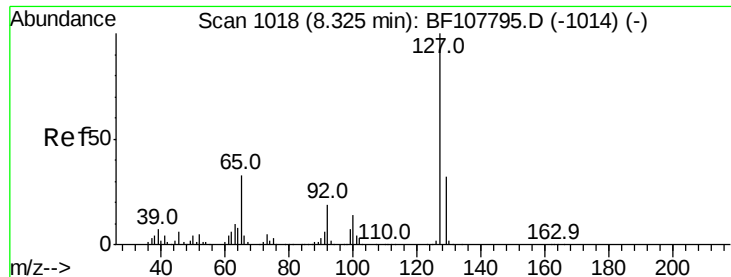
#32
Benzoic acid
Concen: 74.109 ng
RT: 7.90 min Scan# 946
Delta R.T. -0.13 min
Lab File: BF107815.D
Acq: 30 Jul 2018 22:07

Tgt Ion:122 Resp: 503267
Ion Ratio Lower Upper
122 100
105 3.4 101.1 141.1#
77 32.9 70.7 110.7#



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

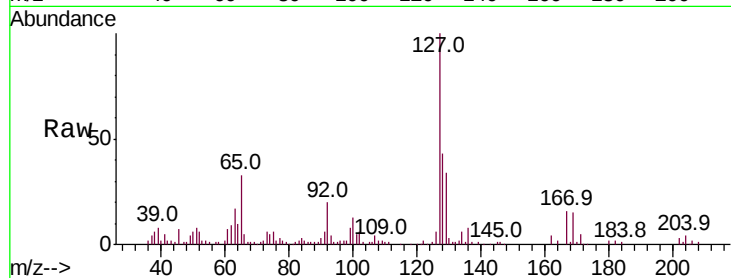




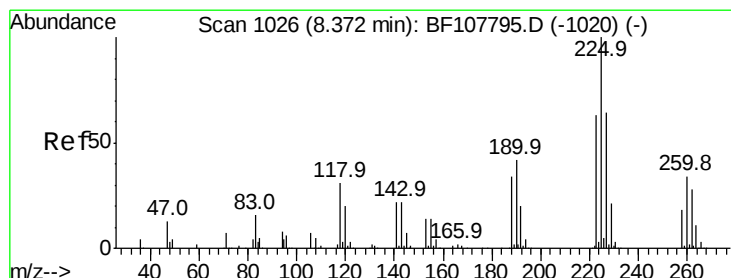
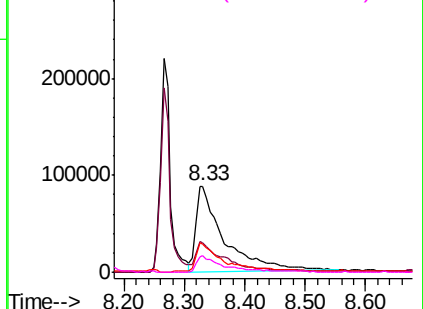
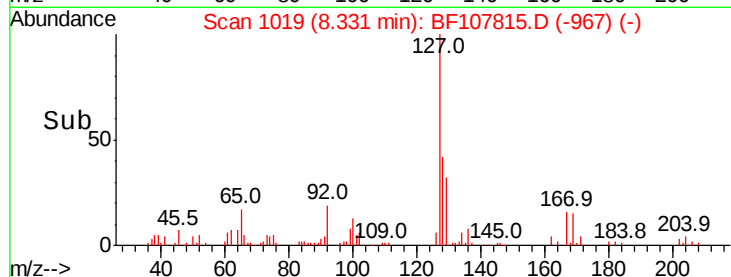
#33
4-Chloroaniline
Concen: 17.523 ng
RT: 8.33 min Scan# 1019
Delta R.T. 0.01 min
Lab File: BF107815.D
Acq: 30 Jul 2018 22:07

Instrument :
BNA_F
ClientSampleId :

Tot Ion:127	Resp:	282227
Ion Ratio	Lower	Upper
127	100	
129	34.0	25.9 38.9
65	32.7	25.0 37.4
92	19.7	15.2 22.8

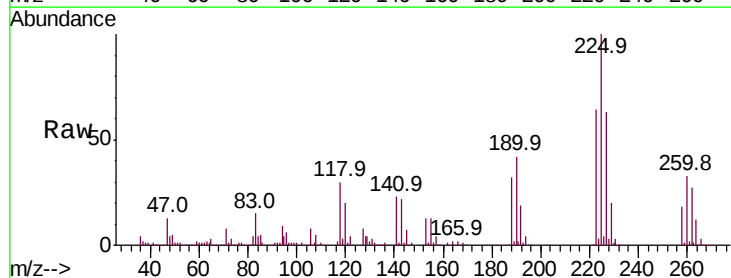


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

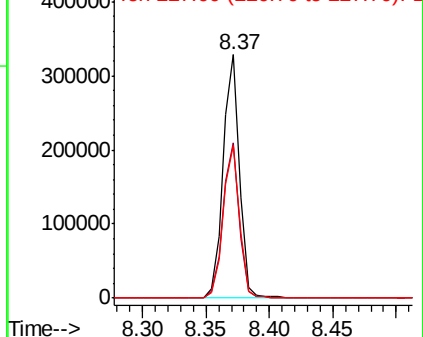
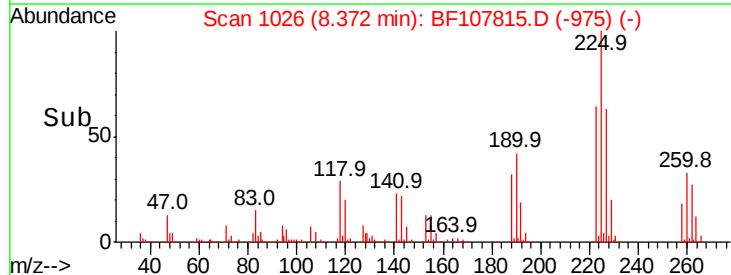


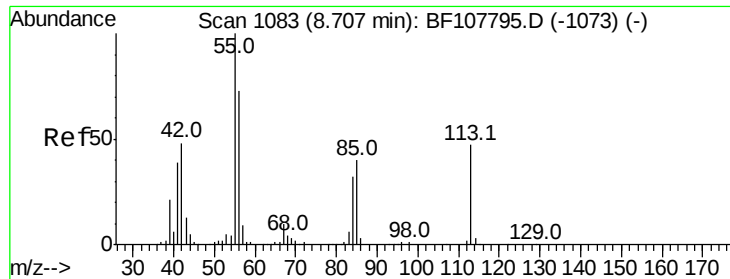
#34
Hexachlorobutadiene
Concen: 37.376 ng
RT: 8.37 min Scan# 1026
Delta R.T. 0.00 min
Lab File: BF107815.D
Acq: 30 Jul 2018 22:07

Tgt Ion:225	Resp:	295670
Ion Ratio	Lower	Upper
225	100	
223	63.8	50.6 76.0
227	62.7	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

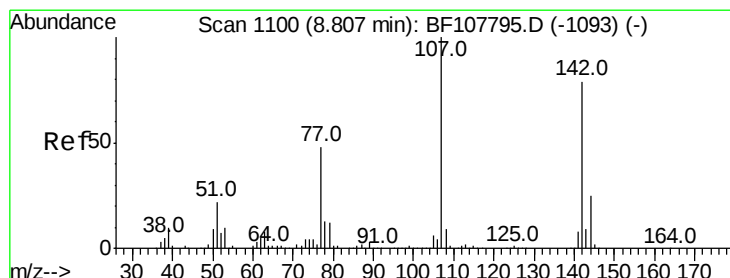
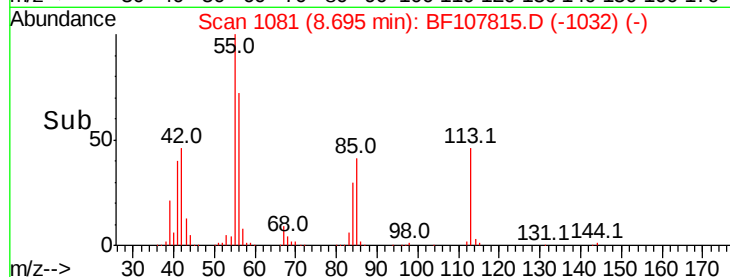
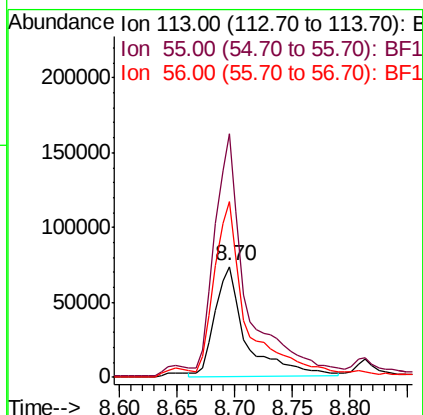
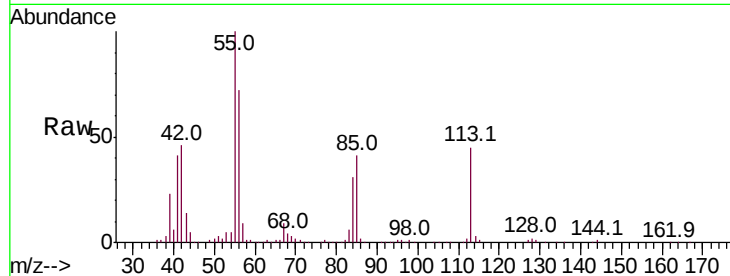




#35
Caprolactam
Concen: 41.065 ng
RT: 8.70 min Scan# 1081
Delta R.T. -0.01 min
Lab File: BF107815.D
Acq: 30 Jul 2018 22:07

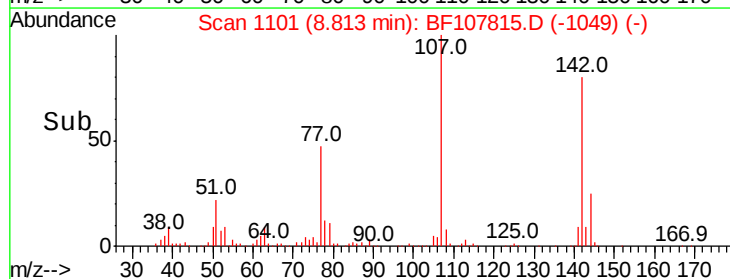
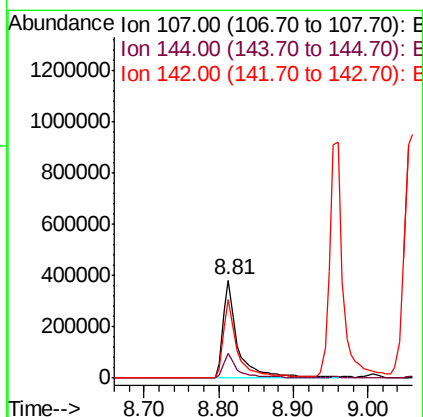
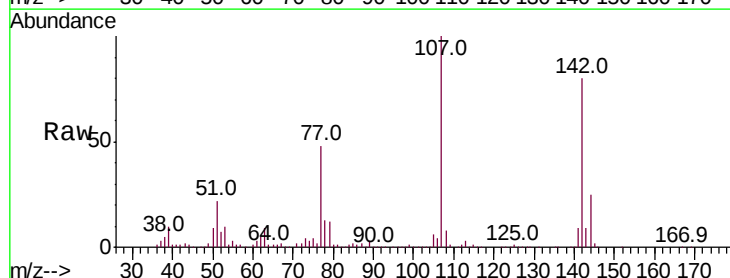
Instrument :
BNA_F
ClientSampled :

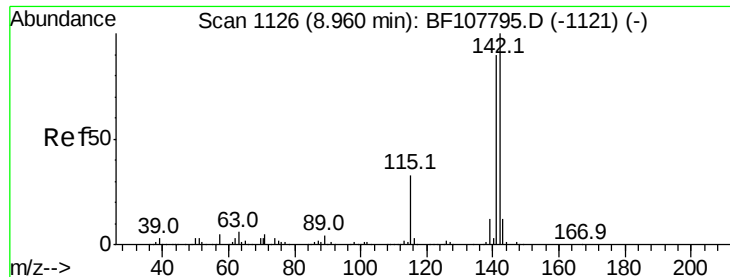
Tot Ion:113 Resp: 138719
Ion Ratio Lower Upper
113 100
55 219.8 163.3 203.3#
56 159.2 115.7 155.7#



#36
4-Chloro-3-methylphenol
Concen: 43.613 ng
RT: 8.81 min Scan# 1101
Delta R.T. 0.01 min
Lab File: BF107815.D
Acq: 30 Jul 2018 22:07

Tgt Ion:107 Resp: 531506
Ion Ratio Lower Upper
107 100
144 25.3 20.5 30.7
142 79.5 62.0 93.0

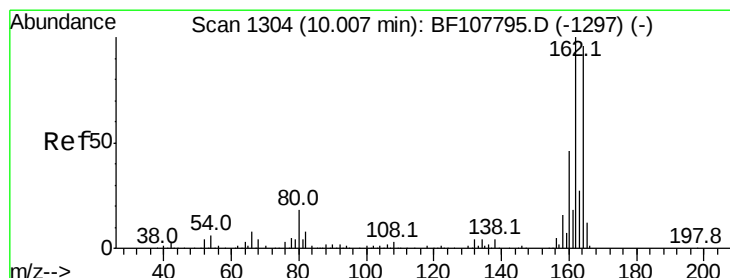
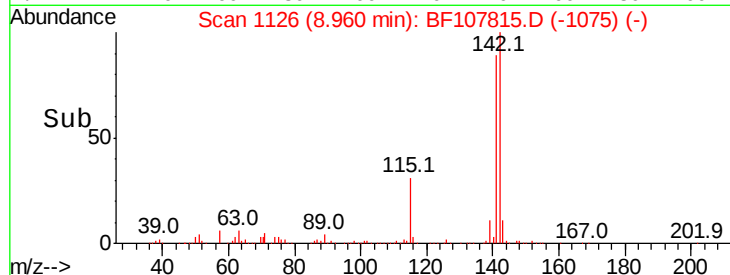
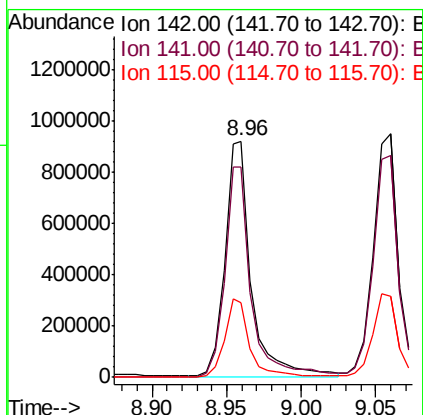
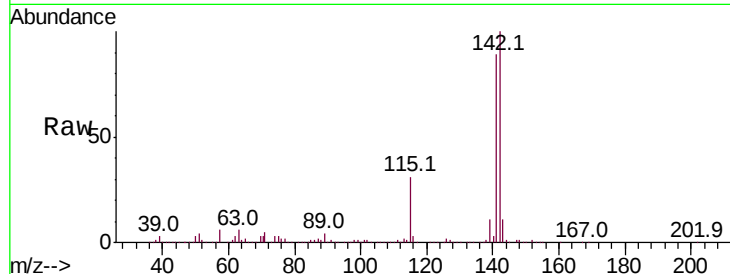




#37
 2-Methylnaphthalene
 Concen: 48.377 ng
 RT: 8.96 min Scan# 1126
 Delta R.T. 0.00 min
 Lab File: BF107815.D
 Acq: 30 Jul 2018 22:07

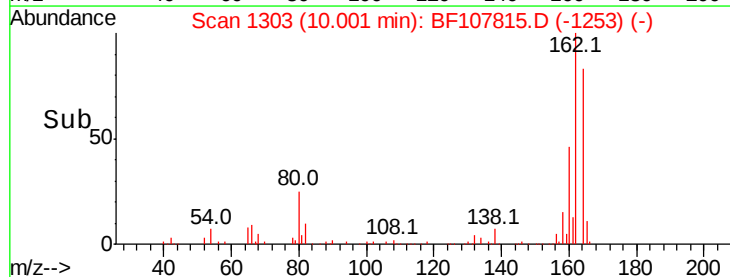
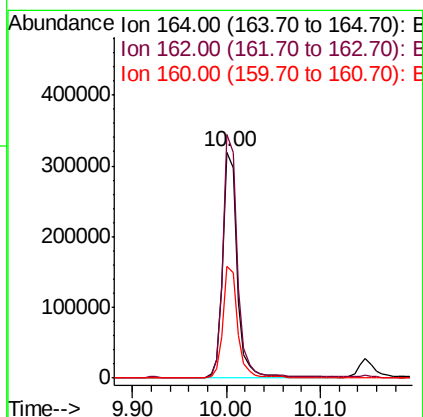
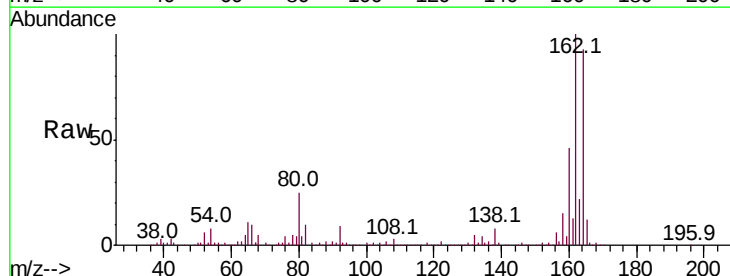
Instrument :
 BNA_F
 ClientSampleId :

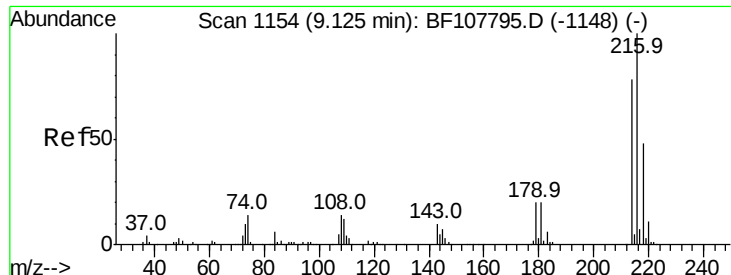
Tot Ion:142 Resp: 1145841
 Ion Ratio Lower Upper
 142 100
 141 89.1 70.8 106.2
 115 31.5 26.1 39.1



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.00 min Scan# 1303
 Delta R.T. -0.01 min
 Lab File: BF107815.D
 Acq: 30 Jul 2018 22:07

Tgt Ion:164 Resp: 349775
 Ion Ratio Lower Upper
 164 100
 162 107.7 86.1 129.1
 160 49.2 38.3 57.5

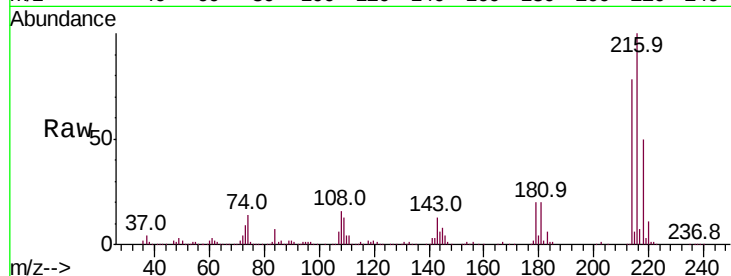




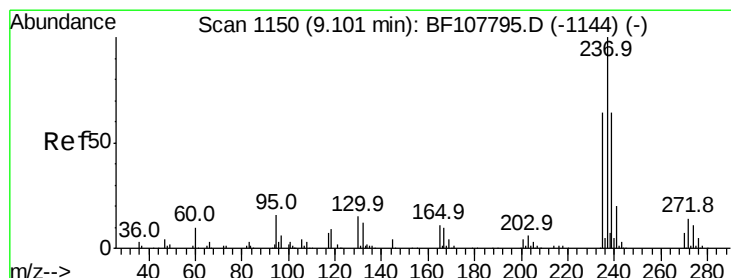
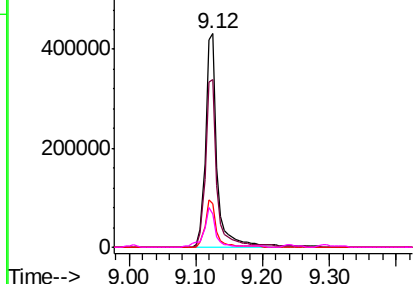
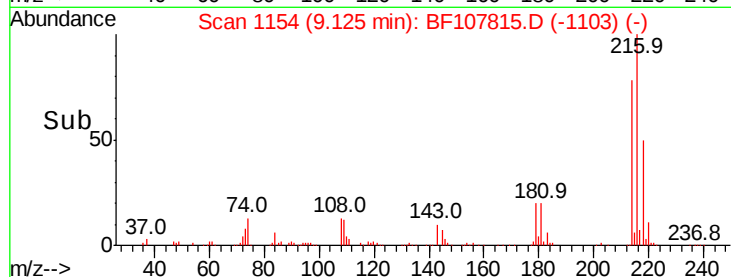
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 43.960 ng
 RT: 9.12 min Scan# 1154
 Delta R.T. 0.00 min
 Lab File: BF107815.D
 Acq: 30 Jul 2018 22:07

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	216	Resp:	524249
Ion	Ratio	Lower	Upper
216	100		
214	78.7	63.0	94.4
179	21.1	18.1	27.1
108	18.0	17.2	25.8

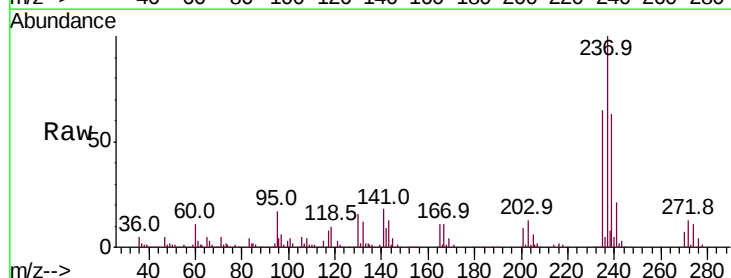


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

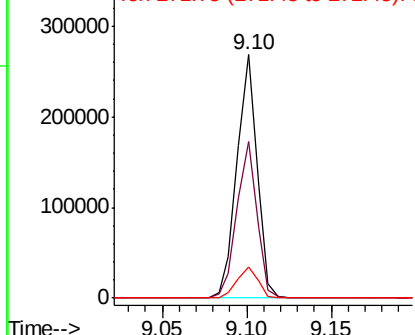
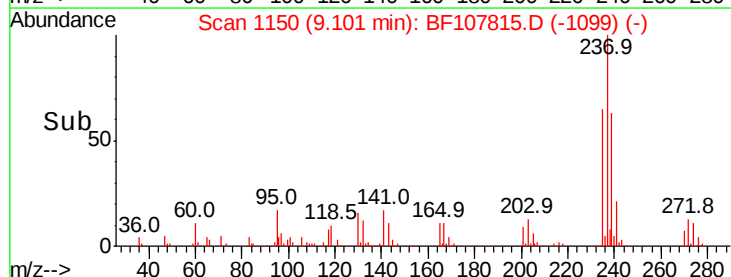


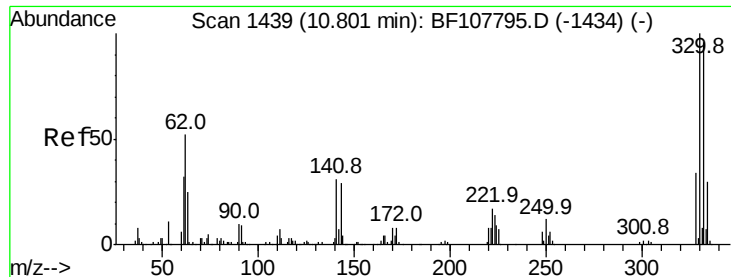
#40
 Hexachlorocyclopentadiene
 Concen: 47.020 ng
 RT: 9.10 min Scan# 1150
 Delta R.T. 0.00 min
 Lab File: BF107815.D
 Acq: 30 Jul 2018 22:07

Tgt Ion:	237	Resp:	224085
Ion	Ratio	Lower	Upper
237	100		
235	64.5	44.8	84.8
272	13.0	0.0	33.3



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

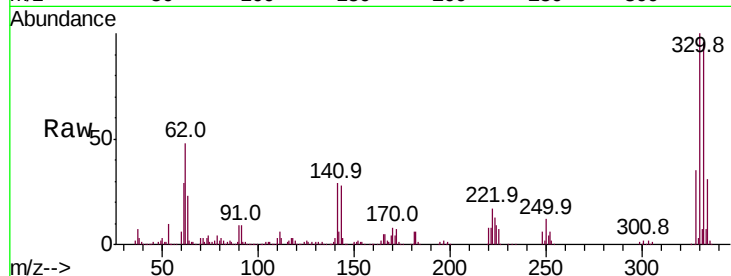




#41
 2,4,6-Tribromophenol
 Concen: 103.028 ng
 RT: 10.80 min Scan# 1439
 Delta R.T. 0.00 min
 Lab File: BF107815.D
 Acq: 30 Jul 2018 22:07

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	91.7	77.0	115.6
141	27.2	29.9	44.9#

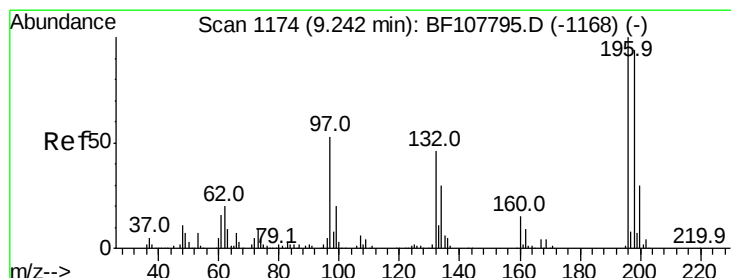
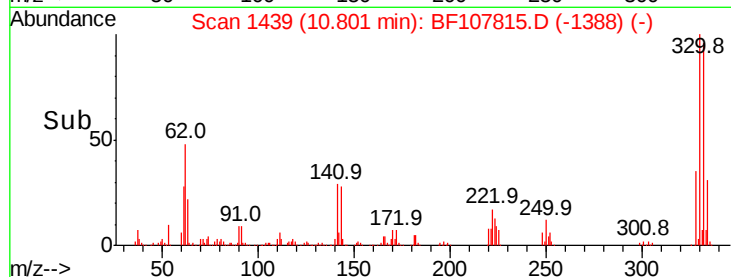
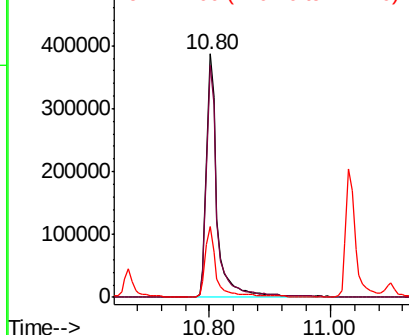


Abundance

Ion 329.80 (329.50 to 330.50): E

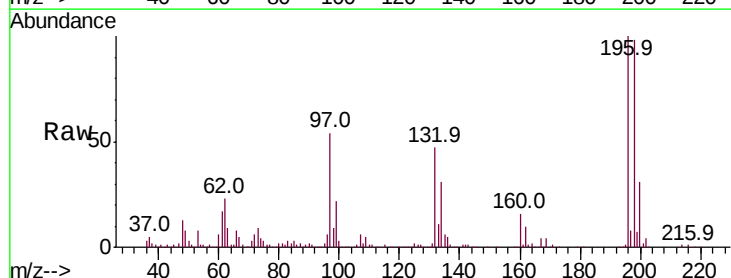
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#42
 2,4,6-Trichlorophenol
 Concen: 48.913 ng
 RT: 9.24 min Scan# 1174
 Delta R.T. 0.00 min
 Lab File: BF107815.D
 Acq: 30 Jul 2018 22:07

Tgt Ion	Ratio	Lower	Upper
196	100		
198	97.9	75.7	113.5
200	31.4	24.5	36.7

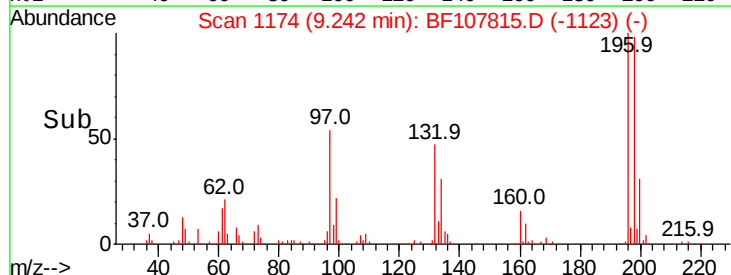
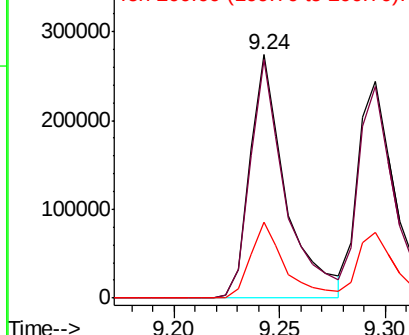


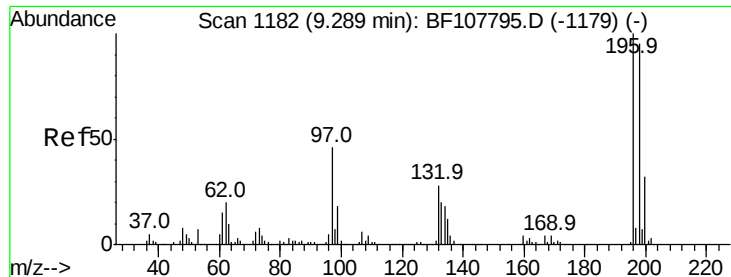
Abundance

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

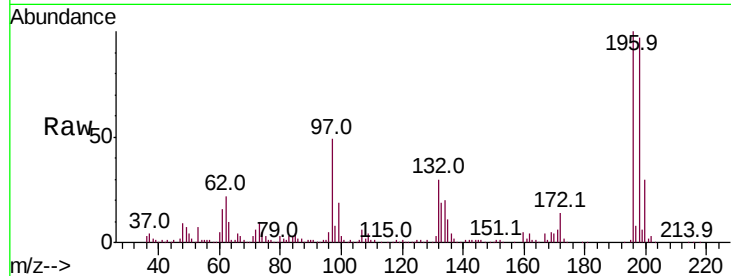




#43
 2,4,5-Trichlorophenol
 Concen: 44.167 ng
 RT: 9.30 min Scan# 1183
 Delta R.T. 0.01 min
 Lab File: BF107815.D
 Acq: 30 Jul 2018 22:07

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
196	100		
198	97.3	74.6	112.0
97	48.6	42.9	64.3
132	30.0	26.3	39.5



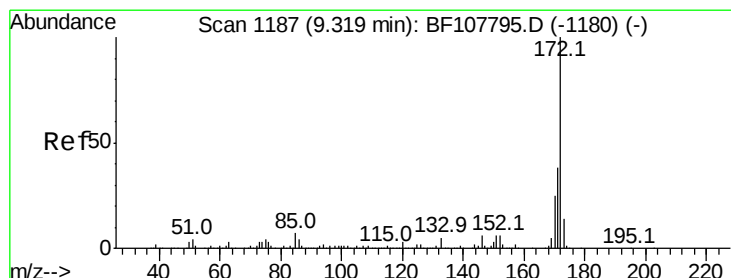
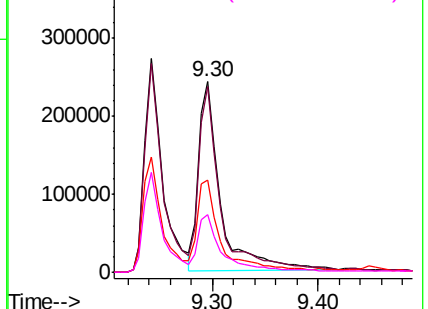
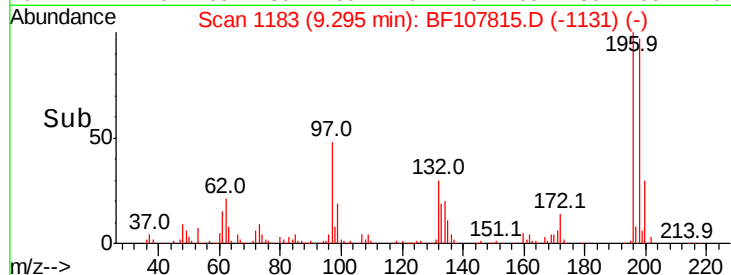
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

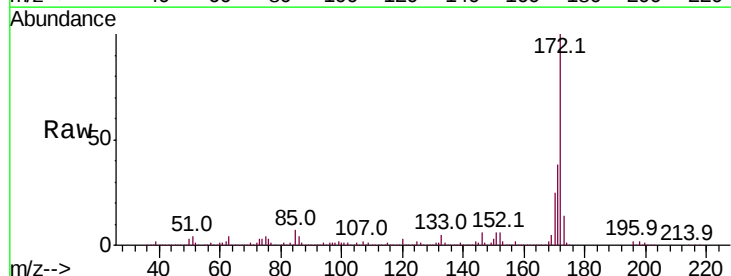
Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 78.181 ng
 RT: 9.32 min Scan# 1187
 Delta R.T. 0.00 min
 Lab File: BF107815.D
 Acq: 30 Jul 2018 22:07

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.0	29.7	44.5
170	25.1	19.6	29.4

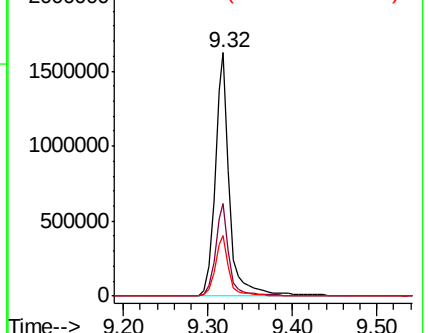
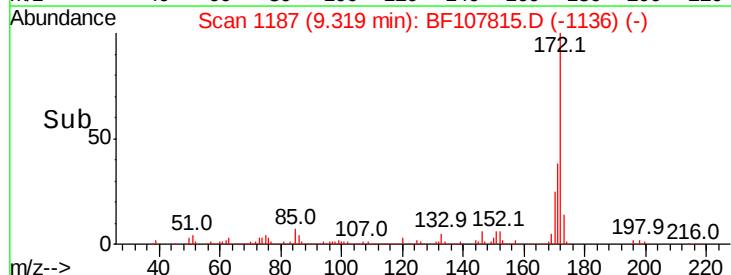


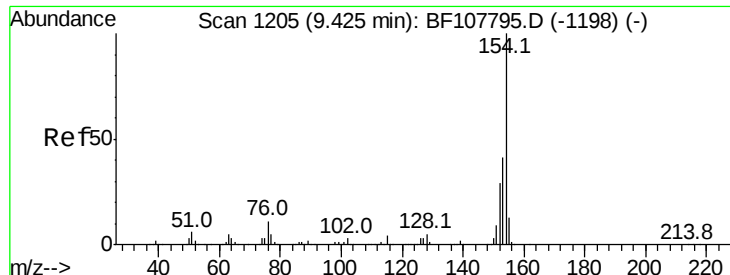
Abundance

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

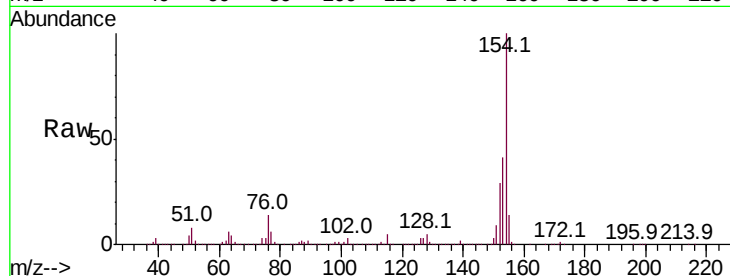




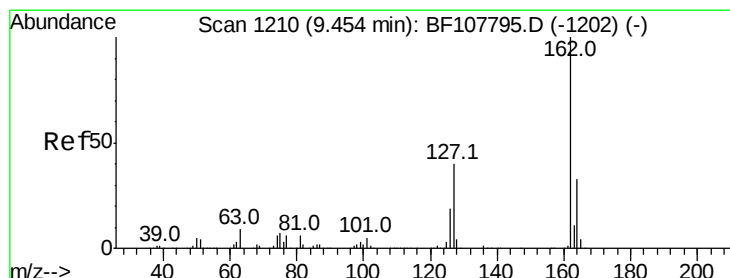
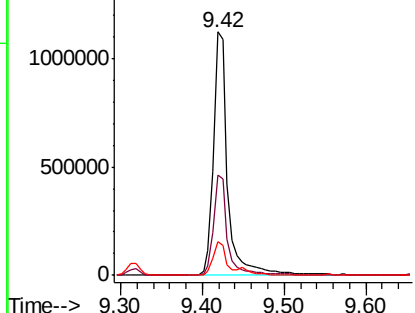
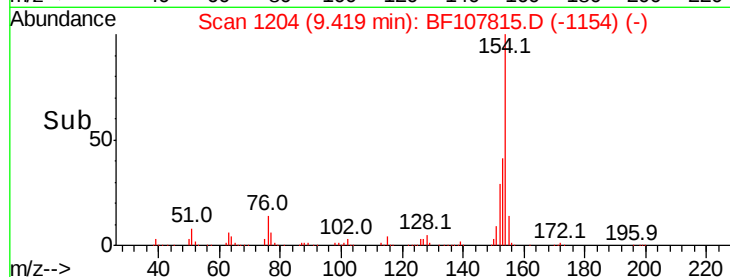
#45
 1,1'-Biphenyl
 Concen: 43.100 ng
 RT: 9.42 min Scan# 1204
 Delta R.T. -0.01 min
 Lab File: BF107815.D
 Acq: 30 Jul 2018 22:07

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:154 Resp: 1371926
 Ion Ratio Lower Upper
 154 100
 153 41.3 21.3 61.3
 76 13.9 0.0 34.0

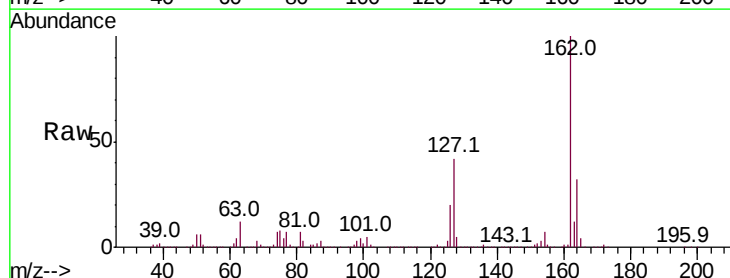


Abundance Ion 154.00 (153.70 to 154.70): E
 1500000 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF1

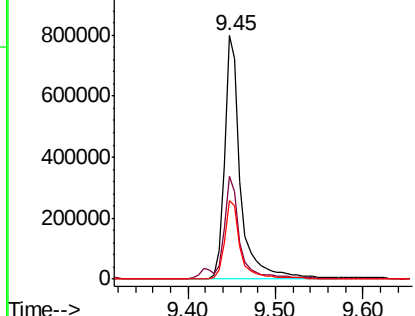
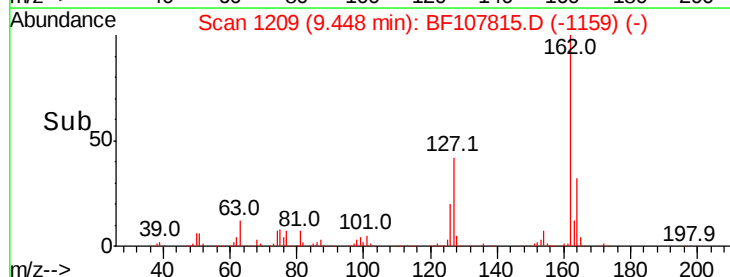


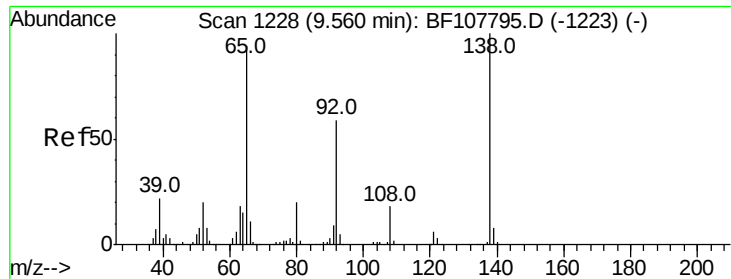
#46
 2-Chloronaphthalene
 Concen: 42.151 ng
 RT: 9.45 min Scan# 1209
 Delta R.T. -0.01 min
 Lab File: BF107815.D
 Acq: 30 Jul 2018 22:07

Tgt Ion:162 Resp: 1011792
 Ion Ratio Lower Upper
 162 100
 127 42.4 33.9 50.9
 164 32.5 26.5 39.7



Abundance Ion 162.00 (161.70 to 162.70): E
 1000000 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

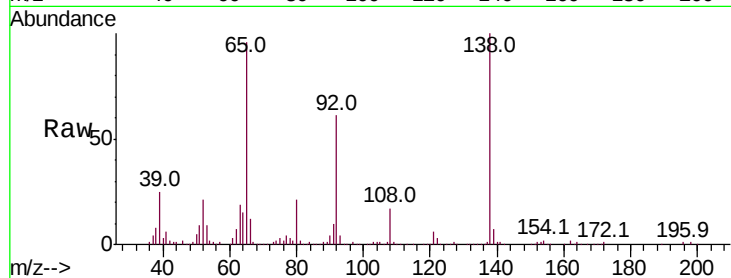




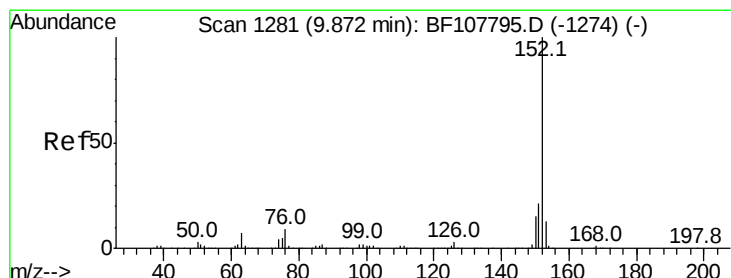
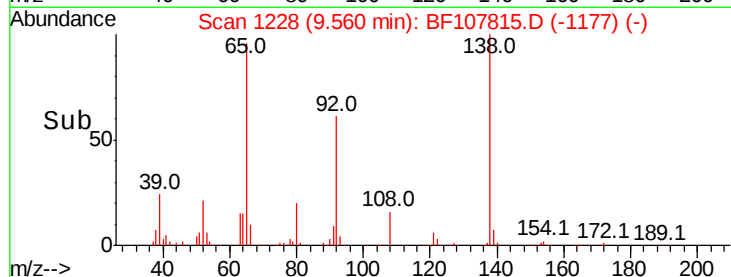
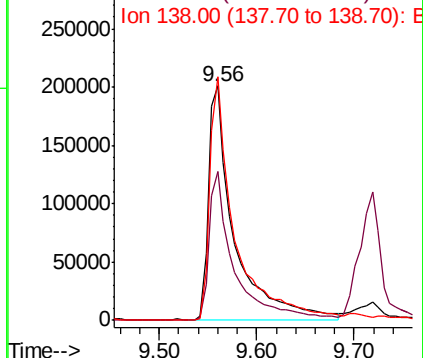
#47
2-Nitroaniline
Concen: 47.019 ng
RT: 9.56 min Scan# 1228
Delta R.T. 0.00 min
Lab File: BF107815.D
Acq: 30 Jul 2018 22:07

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 65 Resp: 367124
Ion Ratio Lower Upper
65 100
92 63.5 55.8 83.6
138 104.0 91.2 136.8

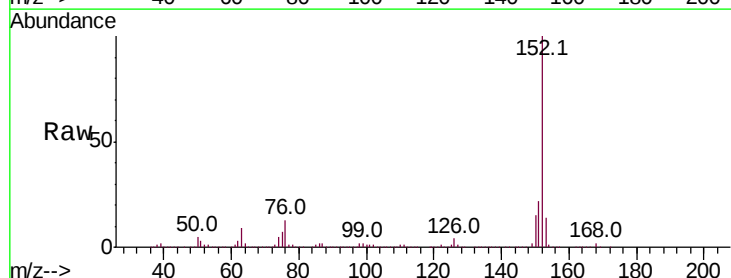


Abundance Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1
Ion 138.00 (137.70 to 138.70): BF1

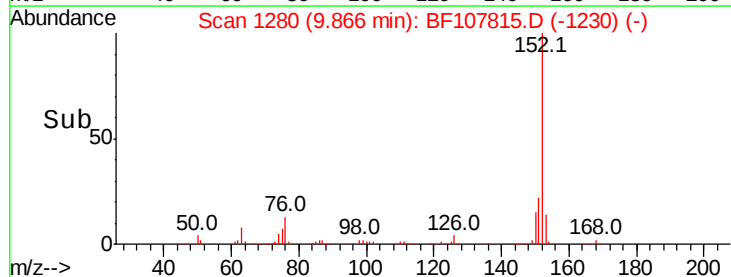
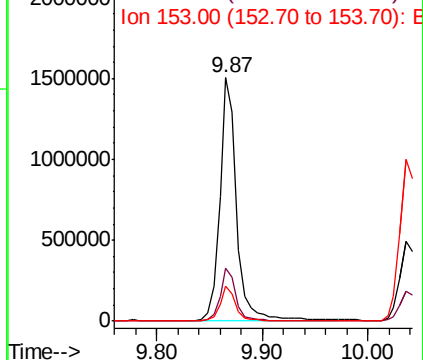


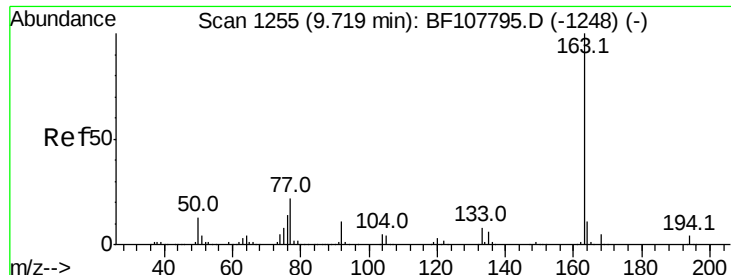
#48
Acenaphthylene
Concen: 44.992 ng
RT: 9.87 min Scan# 1280
Delta R.T. -0.01 min
Lab File: BF107815.D
Acq: 30 Jul 2018 22:07

Tgt Ion: 152 Resp: 1674318
Ion Ratio Lower Upper
152 100
151 21.7 16.3 24.5
153 14.4 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

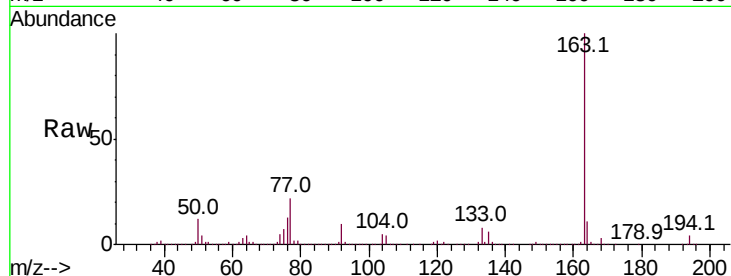




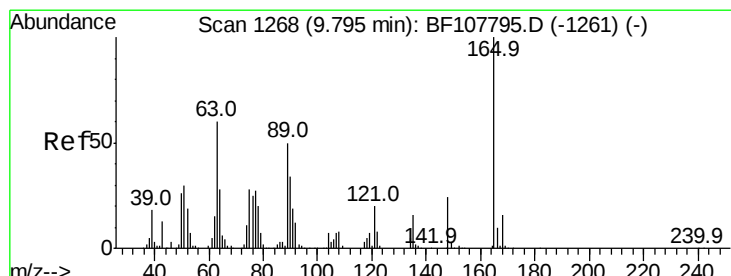
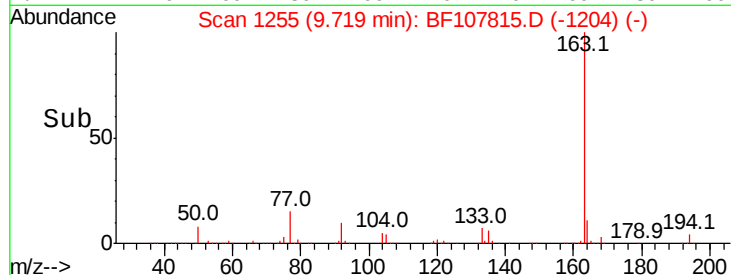
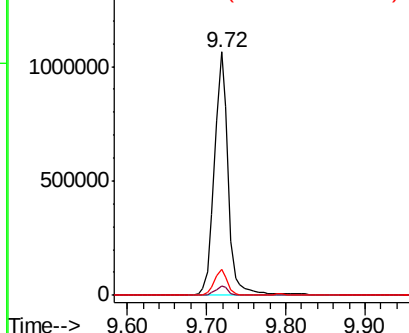
#49
Dimethylphthalate
Concen: 49.224 ng
RT: 9.72 min Scan# 1255
Delta R.T. 0.00 min
Lab File: BF107815.D
Acq: 30 Jul 2018 22:07

Instrument :
BNA_F
ClientSampled :

Tot Ion:163 Resp: 1293023
Ion Ratio Lower Upper
163 100
194 3.8 2.7 4.1
164 10.7 8.2 12.2

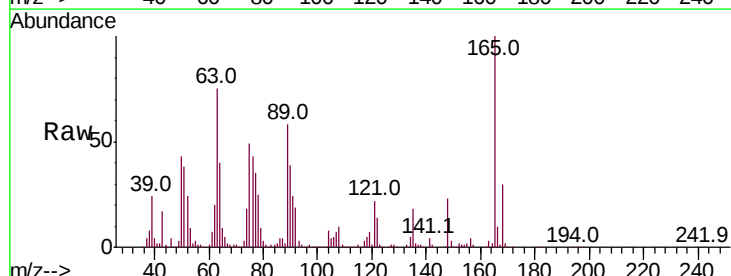


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

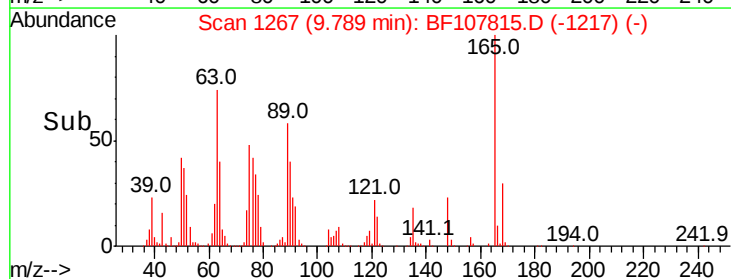
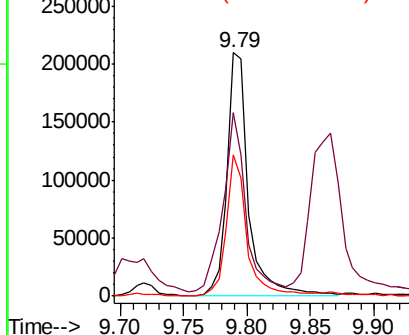


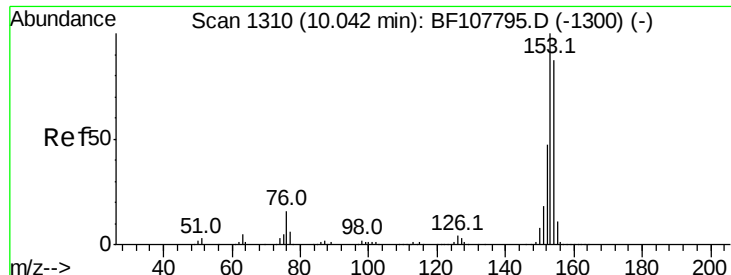
#50
2,6-Dinitrotoluene
Concen: 42.953 ng
RT: 9.79 min Scan# 1267
Delta R.T. -0.01 min
Lab File: BF107815.D
Acq: 30 Jul 2018 22:07

Tgt Ion:165 Resp: 245202
Ion Ratio Lower Upper
165 100
63 75.4 44.7 67.1#
89 58.0 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: 44.137 ng

RT: 10.04 min Scan# 1309

Delta R.T. -0.01 min

Lab File: BF107815.D

Acq: 30 Jul 2018 22:07

Instrument :

BNA_F

ClientSampleId :

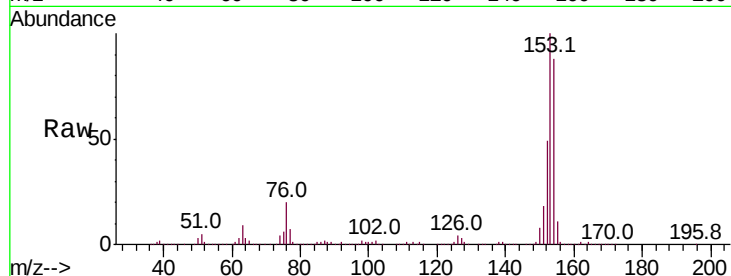
Tot Ion:154 Resp: 954123

Ion Ratio Lower Upper

154 100

153 114.0 91.2 136.8

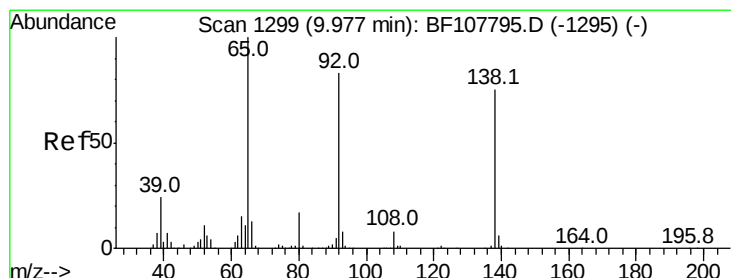
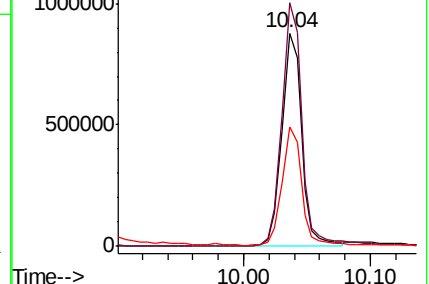
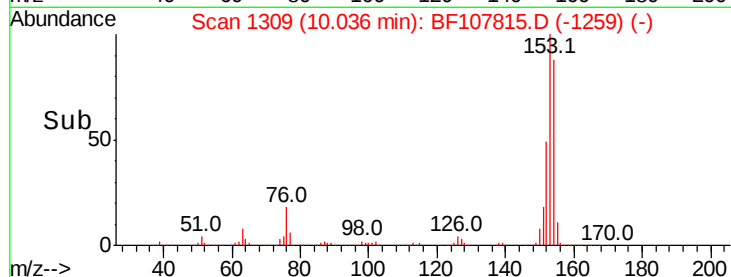
152 56.0 43.8 65.8



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: 24.566 ng

RT: 9.98 min Scan# 1299

Delta R.T. 0.00 min

Lab File: BF107815.D

Acq: 30 Jul 2018 22:07

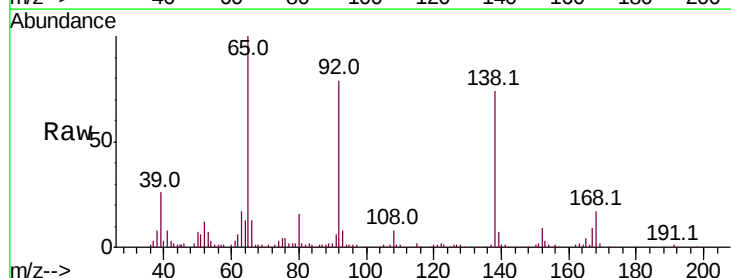
Tgt Ion:138 Resp: 176717

Ion Ratio Lower Upper

138 100

108 10.7 9.4 14.0

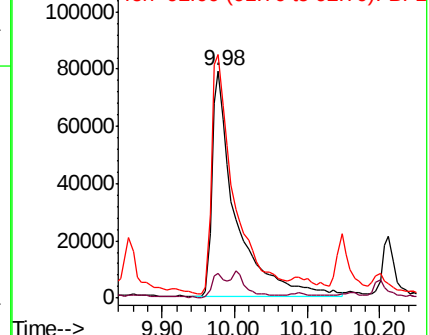
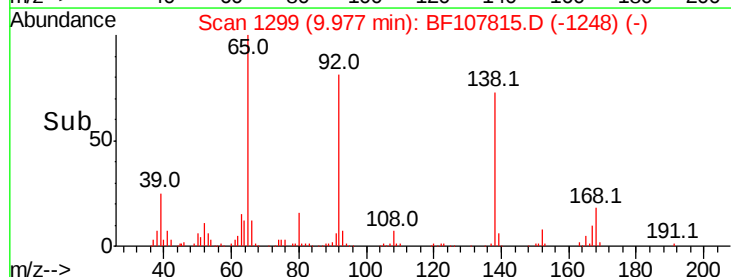
92 107.2 89.4 134.2

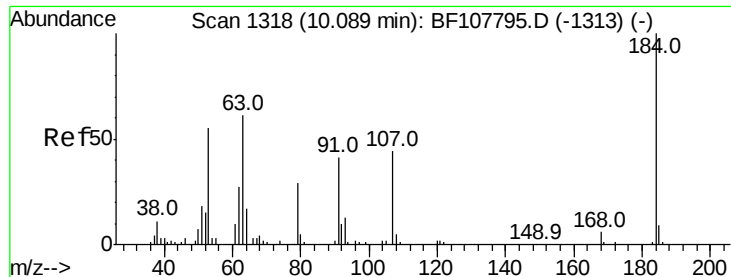


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

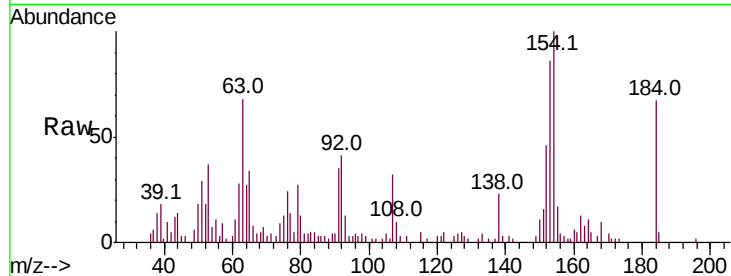




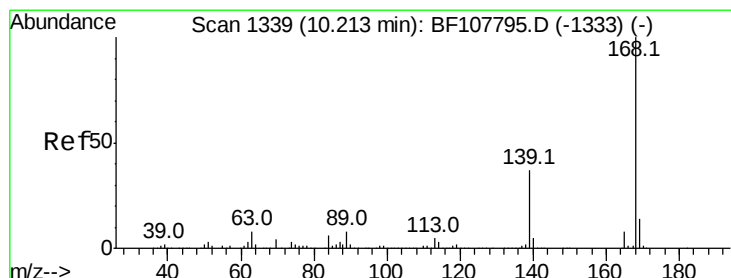
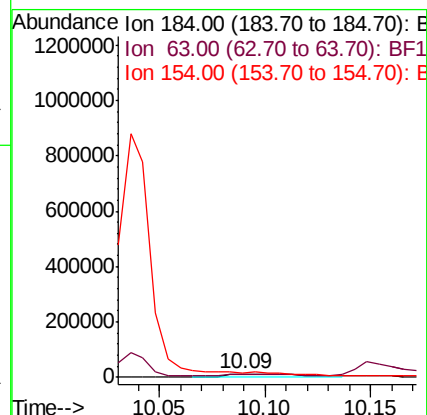
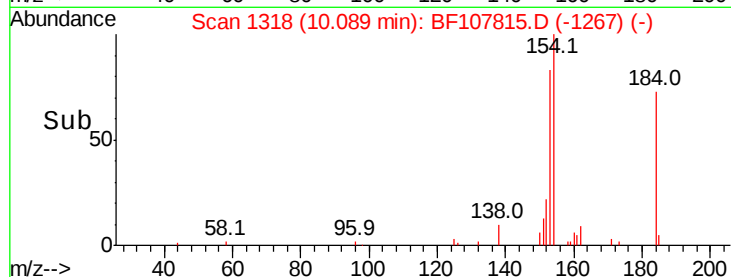
#53
2,4-Dinitrophenol
Concen: 17.657 ng
RT: 10.09 min Scan# 1318
Delta R.T. 0.00 min
Lab File: BF107815.D
Acq: 30 Jul 2018 22:07

Instrument :
BNA_F
ClientSampleId :

Tot Ion:184 Resp: 31002
Ion Ratio Lower Upper
184 100
63 101.8 54.2 81.2#
154 149.9 184.0 276.0#

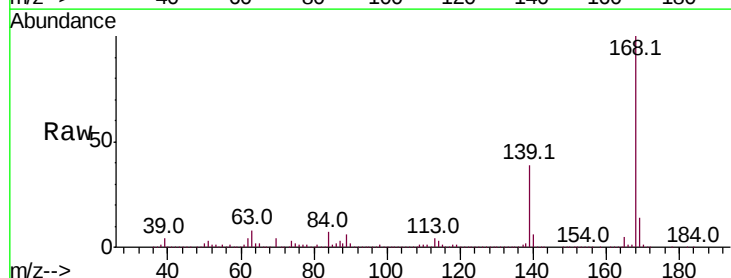


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 154.00 (153.70 to 154.70): E

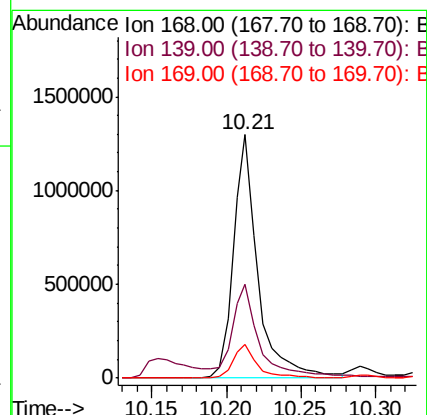
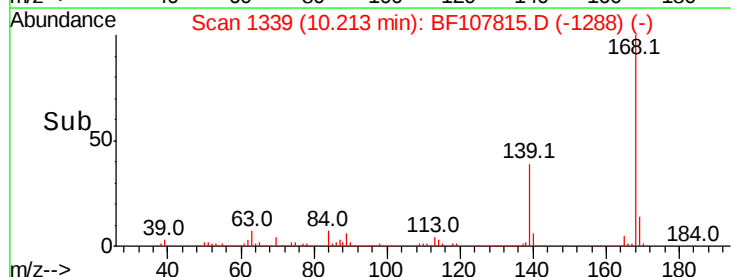


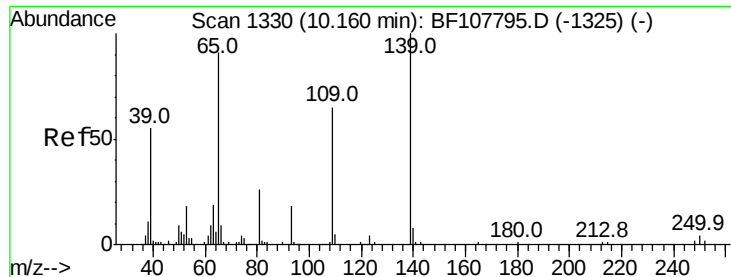
#54
Dibenzofuran
Concen: 44.743 ng
RT: 10.21 min Scan# 1339
Delta R.T. 0.00 min
Lab File: BF107815.D
Acq: 30 Jul 2018 22:07

Tgt Ion:168 Resp: 1494972
Ion Ratio Lower Upper
168 100
139 38.8 30.1 45.1
169 14.1 10.9 16.3



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

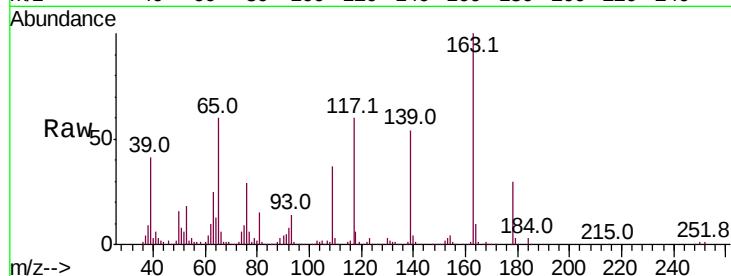




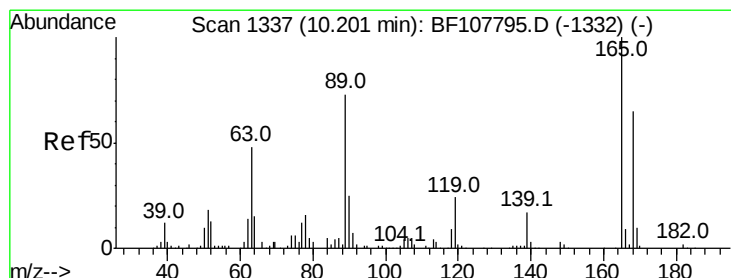
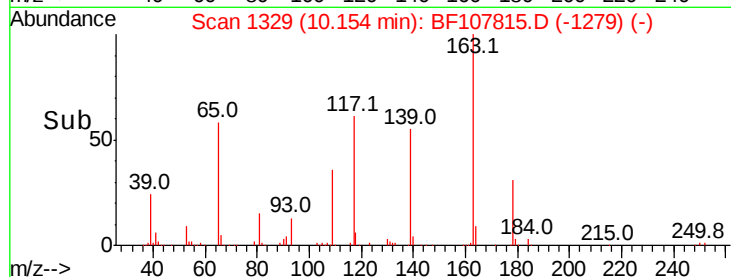
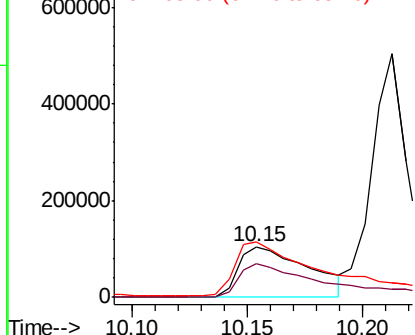
#55
4-Nitrophenol
Concen: 66.153 ng
RT: 10.15 min Scan# 1329
Delta R.T. -0.01 min
Lab File: BF107815.D
Acq: 30 Jul 2018 22:07

Instrument :
BNA_F
ClientSampled :

Tot Ion:139 Resp: 217790
Ion Ratio Lower Upper
139 100
109 67.5 48.4 88.4
65 110.7 72.6 112.6

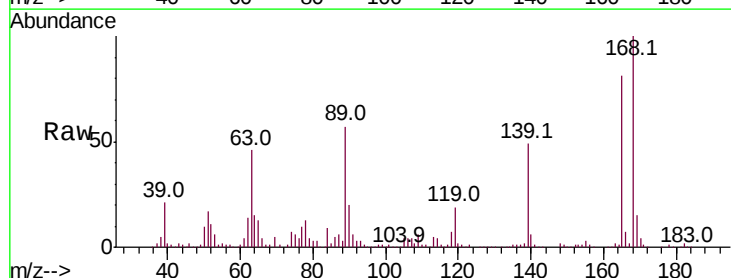


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1

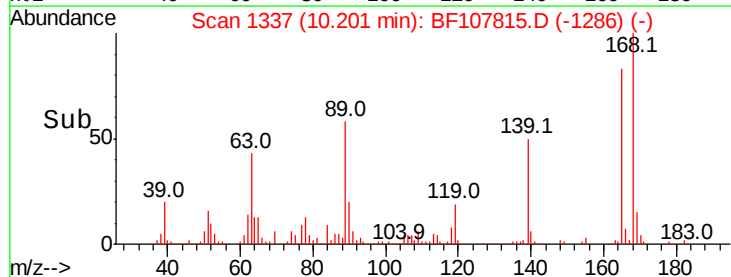
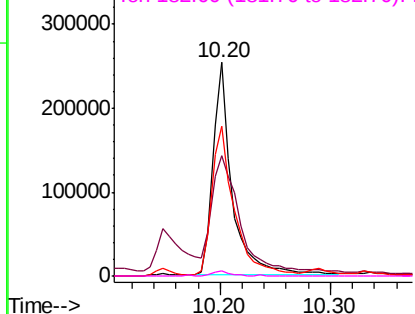


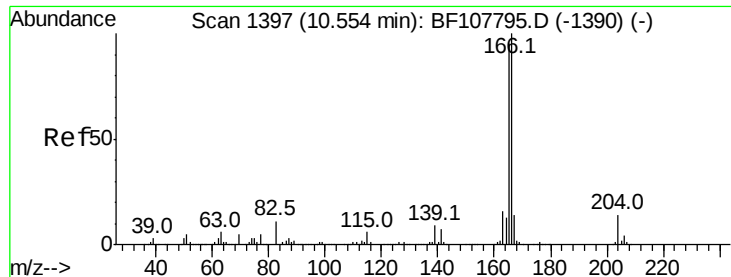
#56
2,4-Dinitrotoluene
Concen: 40.383 ng
RT: 10.20 min Scan# 1337
Delta R.T. 0.00 min
Lab File: BF107815.D
Acq: 30 Jul 2018 22:07

Tgt Ion:165 Resp: 302999
Ion Ratio Lower Upper
165 100
63 56.2 36.4 54.6#
89 70.2 57.8 86.6
182 2.2 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: 49.304 ng

RT: 10.55 min Scan# 1397

Delta R.T. 0.00 min

Lab File: BF107815.D

Acq: 30 Jul 2018 22:07

Instrument :

BNA_F

ClientSampleId :

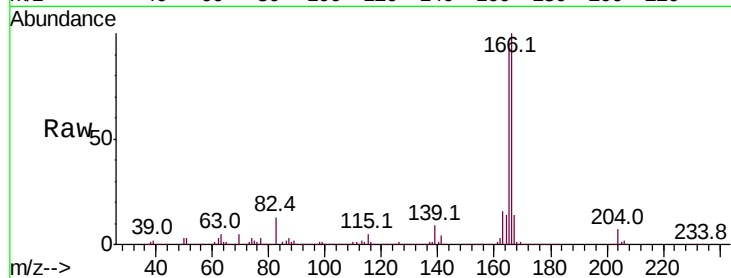
Tot Ion:166 Resp: 1280261

Ion Ratio Lower Upper

166 100

165 93.1 79.8 119.8

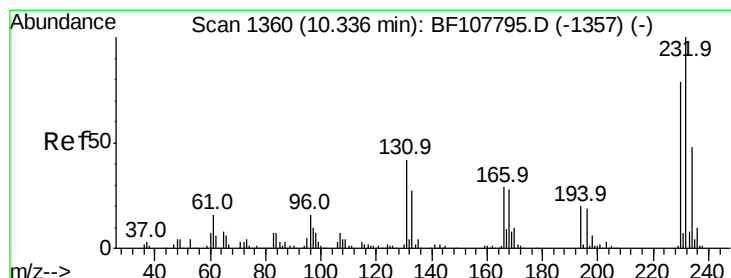
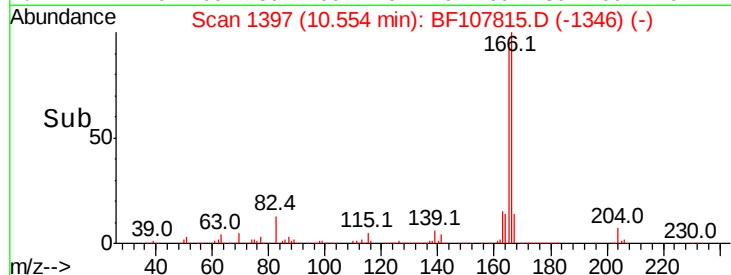
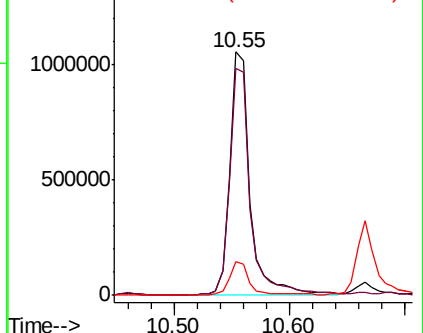
167 14.1 10.6 16.0



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: 41.018 ng

RT: 10.34 min Scan# 1360

Delta R.T. 0.00 min

Lab File: BF107815.D

Acq: 30 Jul 2018 22:07

Tgt Ion:232 Resp: 299017

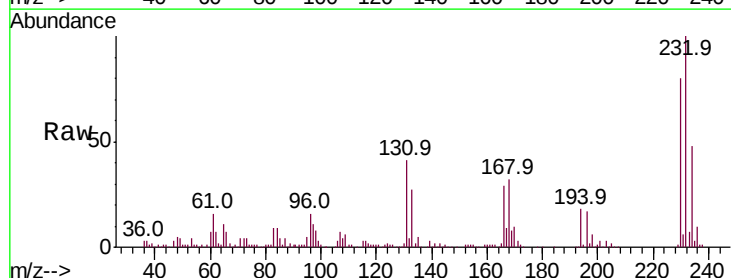
Ion Ratio Lower Upper

232 100

131 39.8 43.8 65.8#

130 2.1 2.1 3.1

166 26.8 27.8 41.6#

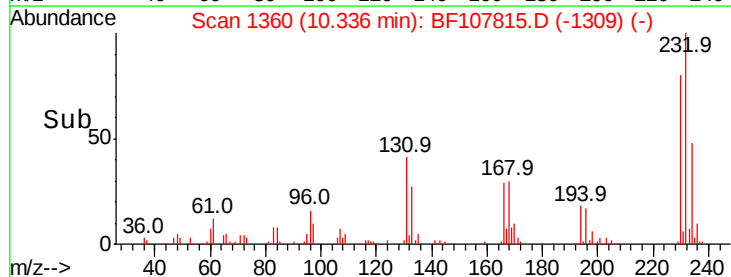
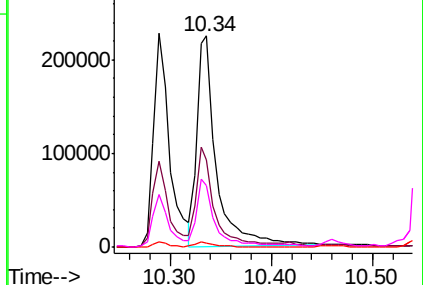


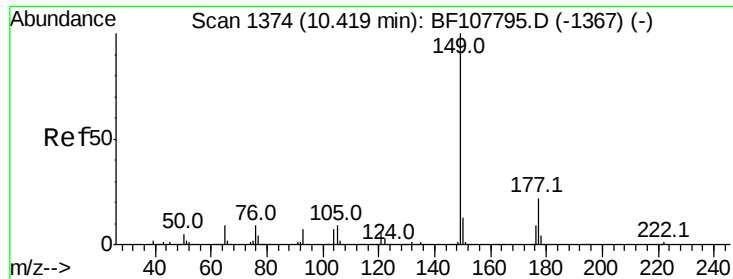
Abundance Ion 232.00 (231.70 to 232.70): E

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

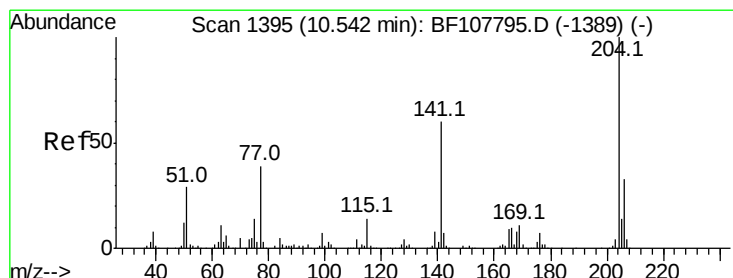
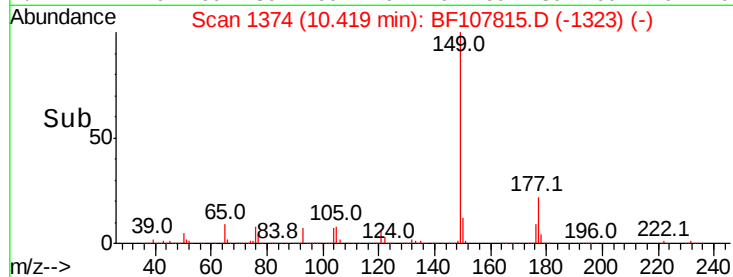
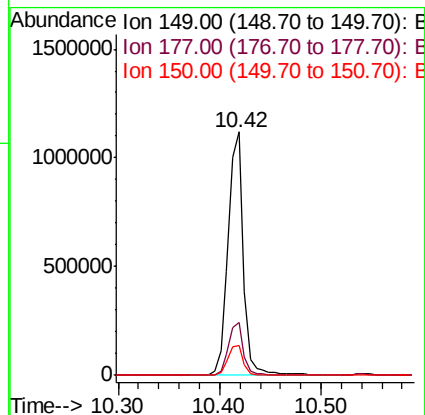
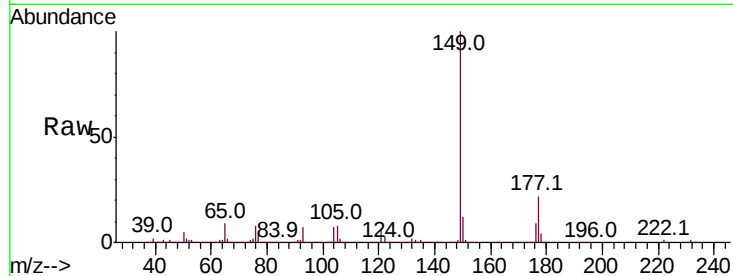




#59
Diethylphthalate
Concen: 41.665 ng
RT: 10.42 min Scan# 1374
Delta R.T. 0.00 min
Lab File: BF107815.D
Acq: 30 Jul 2018 22:07

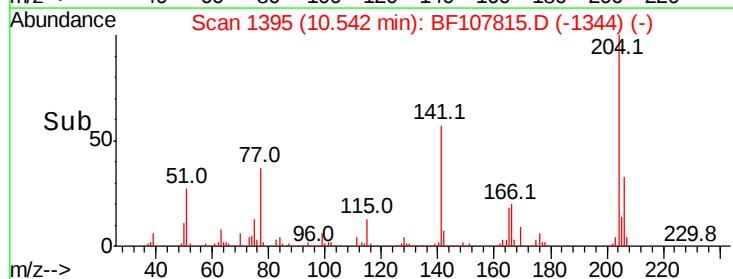
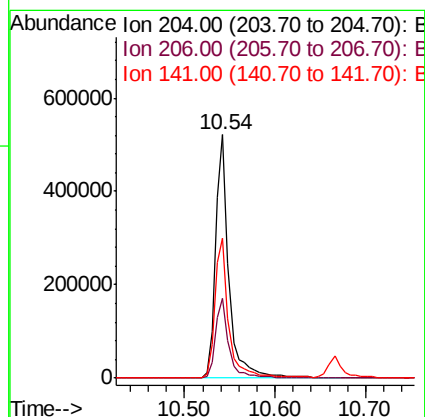
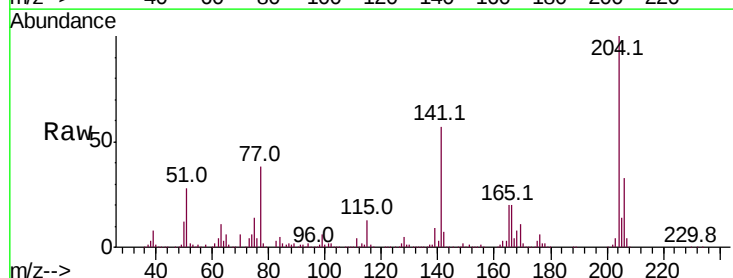
Instrument :
BNA_F
ClientSampled :

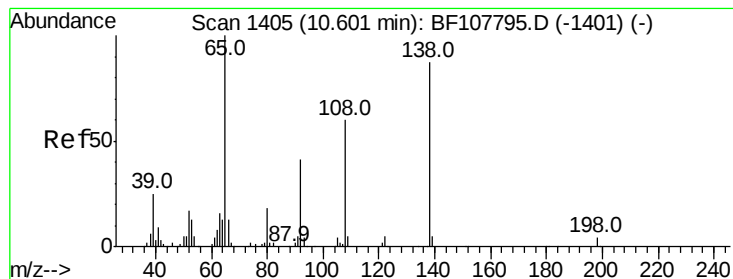
Tot Ion:149 Resp: 1176747
Ion Ratio Lower Upper
149 100
177 22.0 16.1 24.1
150 12.3 10.1 15.1



#60
4-Chlorophenyl-phenylether
Concen: 37.998 ng
RT: 10.54 min Scan# 1395
Delta R.T. 0.00 min
Lab File: BF107815.D
Acq: 30 Jul 2018 22:07

Tgt Ion:204 Resp: 537499
Ion Ratio Lower Upper
204 100
206 32.8 26.5 39.7
141 57.4 54.6 81.8





#61

4-Nitroaniline

Concen: 35.524 ng

RT: 10.60 min Scan# 1405

Delta R.T. 0.00 min

Lab File: BF107815.D

Acq: 30 Jul 2018 22:07

Instrument :

BNA_F

ClientSampled :

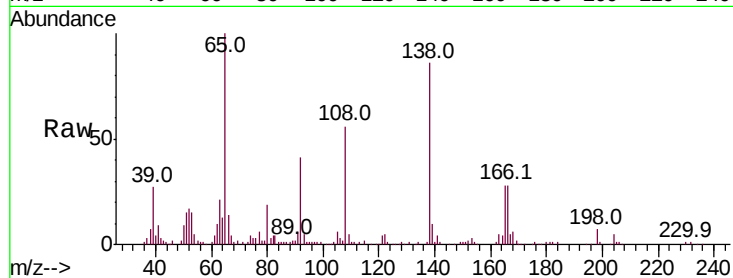
Tot Ion:138 Resp: 226776

Ion Ratio Lower Upper

138 100

92 47.6 30.2 70.2

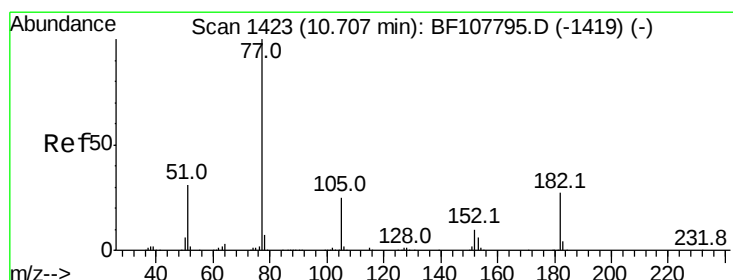
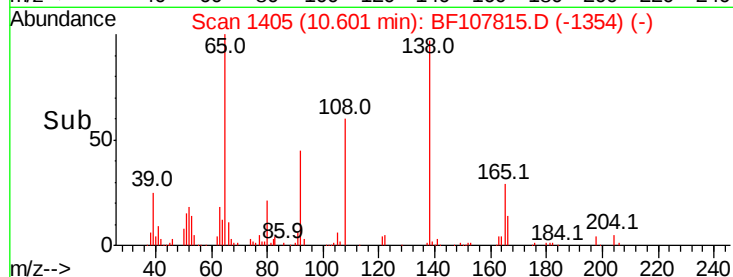
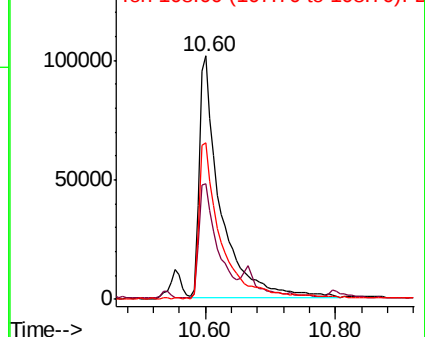
108 64.5 52.5 92.5



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF1

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 42.160 ng

RT: 10.70 min Scan# 1422

Delta R.T. -0.01 min

Lab File: BF107815.D

Acq: 30 Jul 2018 22:07

Tgt Ion: 77 Resp: 1108969

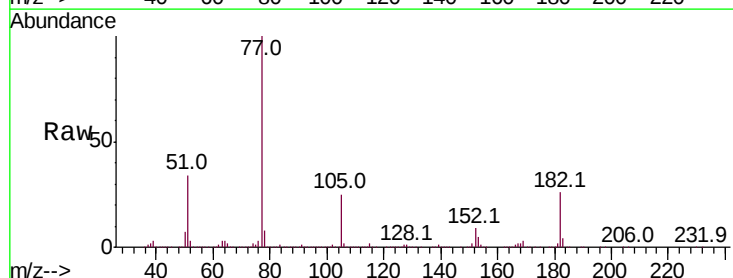
Ion Ratio Lower Upper

77 100

182 25.6 1.7 41.7

105 25.0 3.0 43.0

51 34.3 9.9 49.9

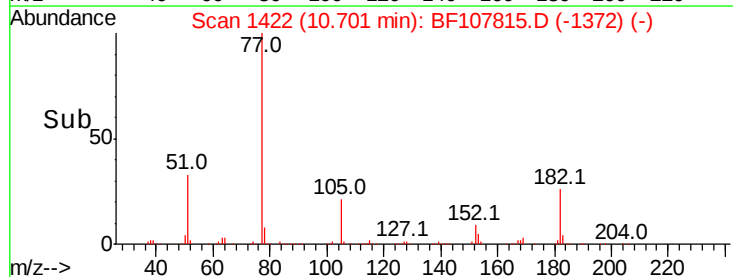
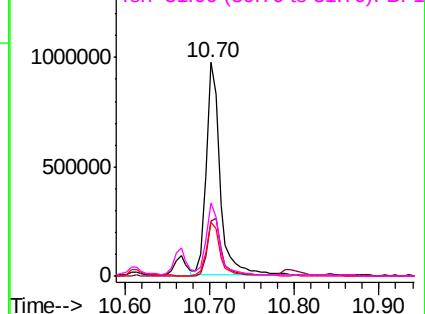


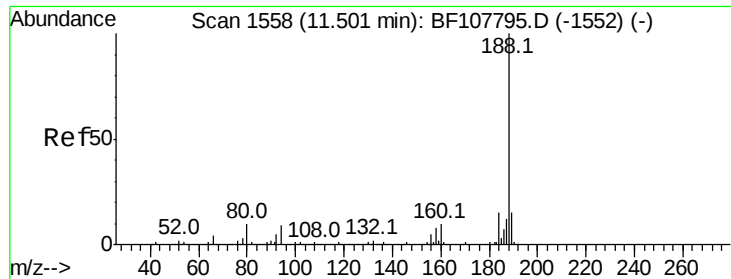
Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF1

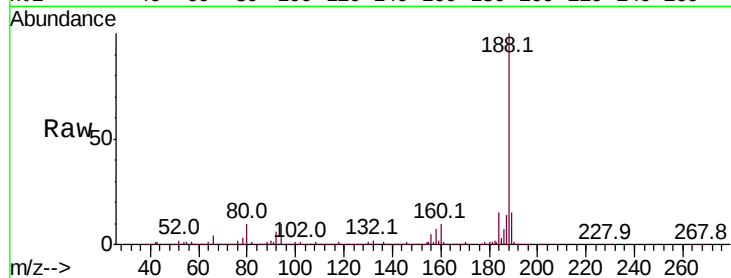




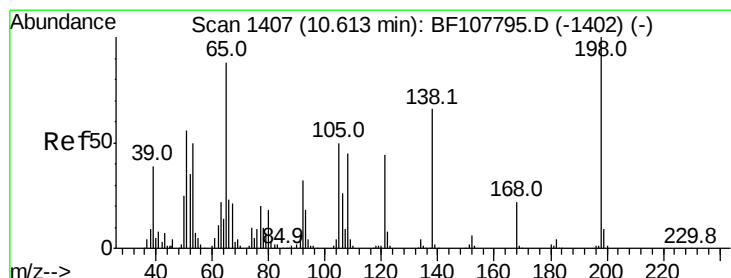
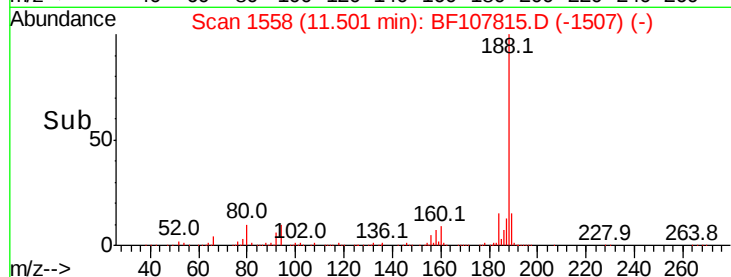
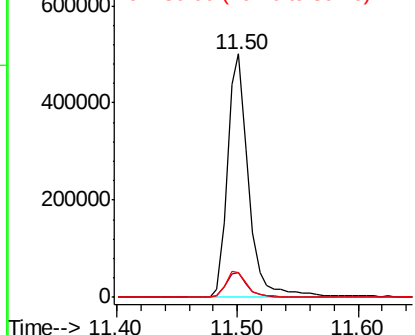
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1558
Delta R.T. 0.00 min
Lab File: BF107815.D
Acq: 30 Jul 2018 22:07

Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 604530
Ion Ratio Lower Upper
188 100
94 10.1 8.5 12.7
80 10.3 9.2 13.8

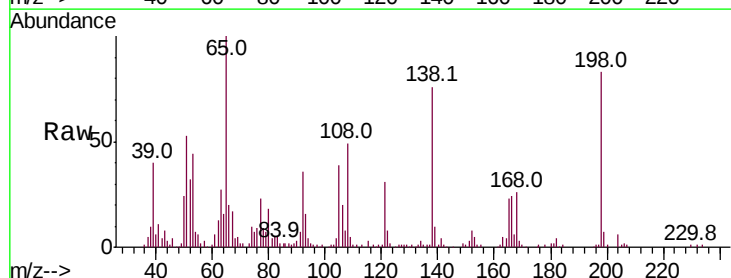


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

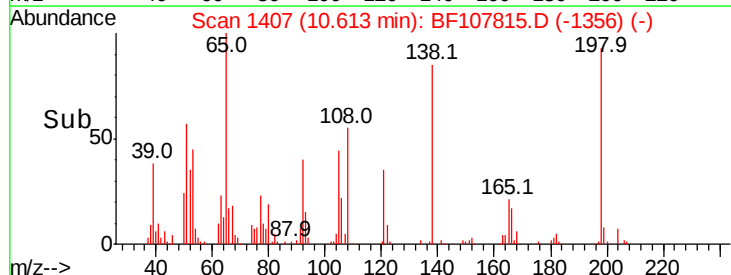
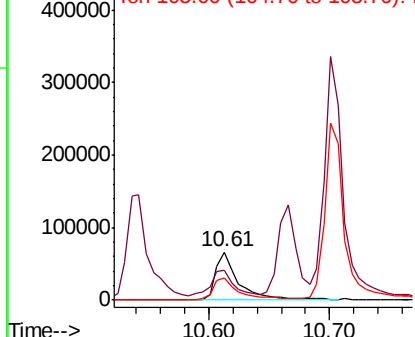


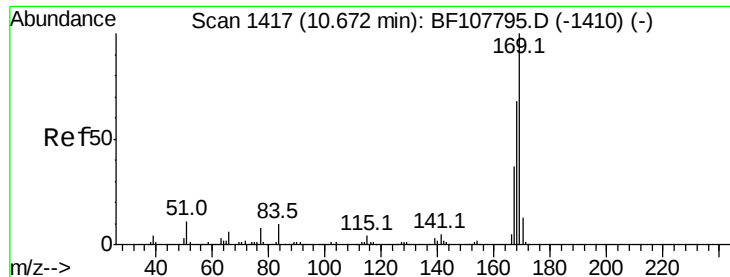
#64
4,6-Dinitro-2-methylphenol
Concen: 26.882 ng
RT: 10.61 min Scan# 1407
Delta R.T. 0.00 min
Lab File: BF107815.D
Acq: 30 Jul 2018 22:07

Tgt Ion:198 Resp: 88410
Ion Ratio Lower Upper
198 100
51 62.9 37.7 77.7
105 46.4 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

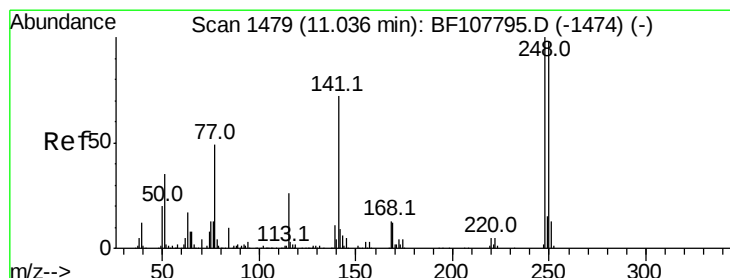
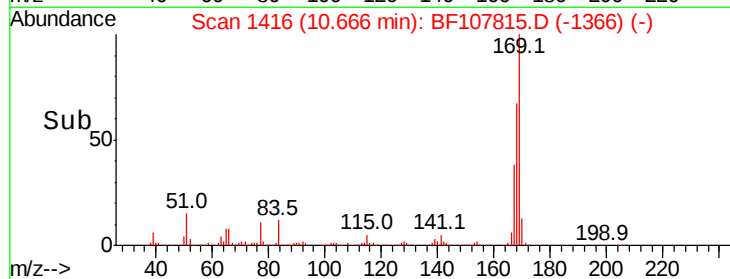
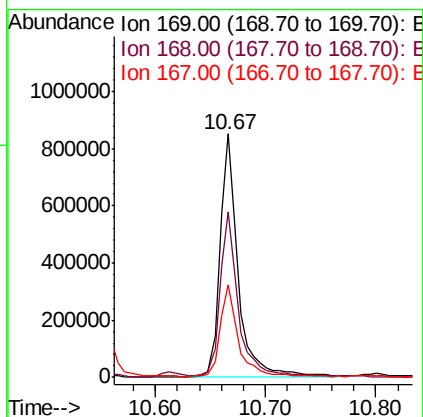
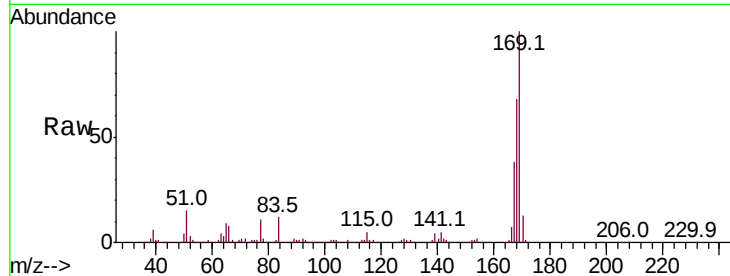




#65
 n-Nitrosodiphenylamine
 Concen: 48.336 ng
 RT: 10.67 min Scan# 1416
 Delta R.T. -0.01 min
 Lab File: BF107815.D
 Acq: 30 Jul 2018 22:07

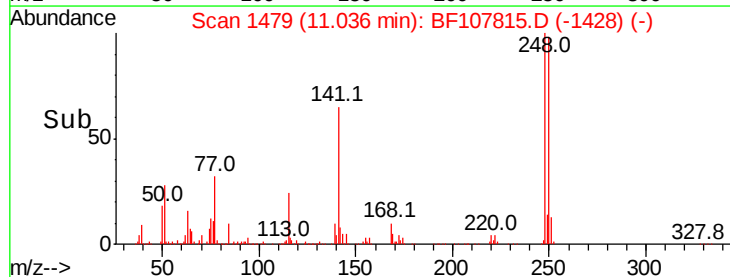
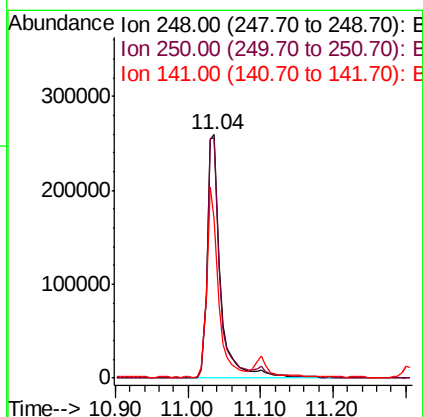
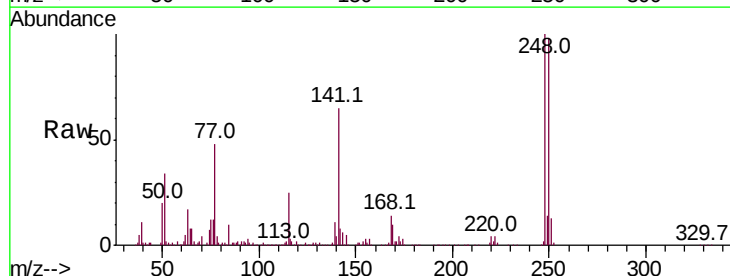
Instrument :
 BNA_F
 ClientSampleId :

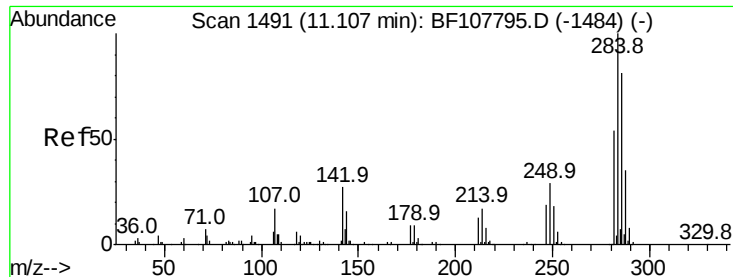
Tot Ion	Ratio	Lower	Upper
169	100		
168	67.8	54.4	81.6
167	38.1	29.8	44.6



#66
 4-Bromophenyl-phenylether
 Concen: 47.504 ng
 RT: 11.04 min Scan# 1479
 Delta R.T. 0.00 min
 Lab File: BF107815.D
 Acq: 30 Jul 2018 22:07

Tgt Ion	Ratio	Lower	Upper
248	100		
250	98.2	76.9	115.3
141	65.4	74.4	111.6





#67

Hexachlorobenzene

Concen: 43.279 ng

RT: 11.10 min Scan# 1490

Delta R.T. -0.01 min

Lab File: BF107815.D

Acq: 30 Jul 2018 22:07

Instrument :

BNA_F

ClientSampleId :

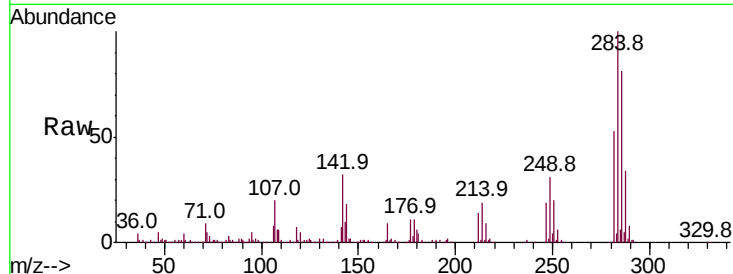
Tot Ion:284 Resp: 338162

Ion Ratio Lower Upper

284 100

142 32.1 34.6 52.0#

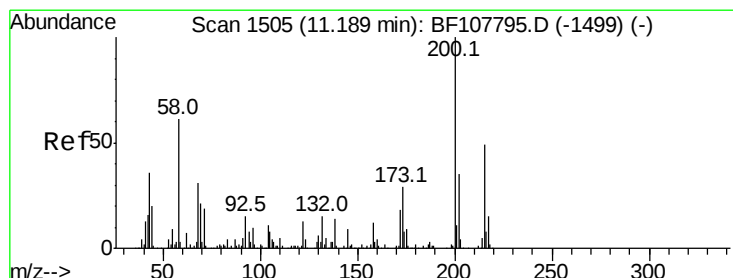
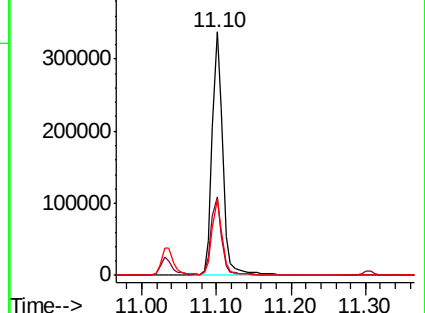
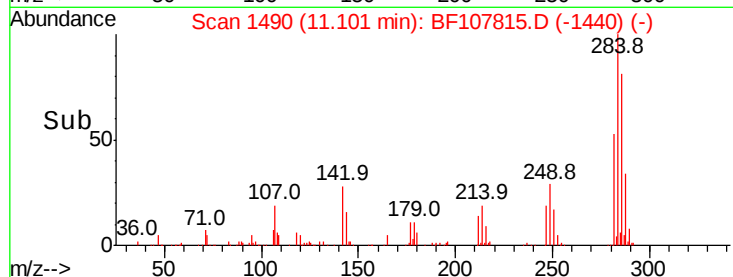
249 31.0 24.8 37.2



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: 46.834 ng

RT: 11.19 min Scan# 1505

Delta R.T. 0.00 min

Lab File: BF107815.D

Acq: 30 Jul 2018 22:07

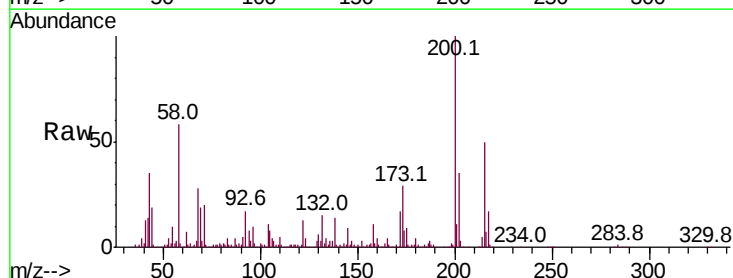
Tgt Ion:200 Resp: 275916

Ion Ratio Lower Upper

200 100

173 28.8 8.6 48.6

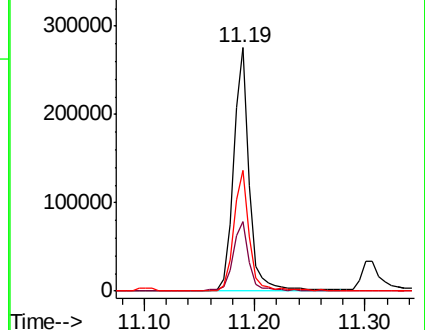
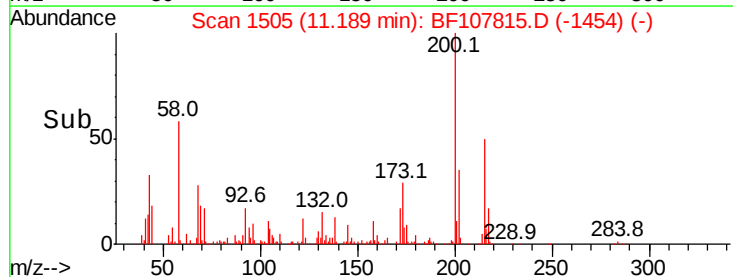
215 49.8 25.1 65.1

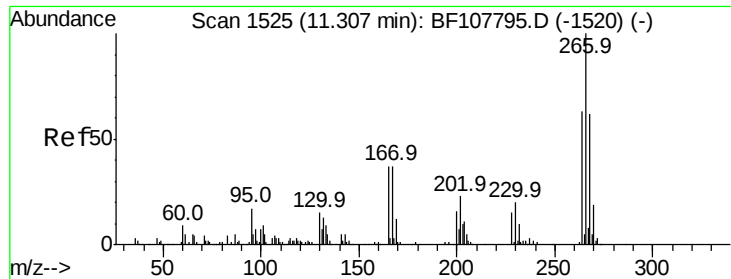


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

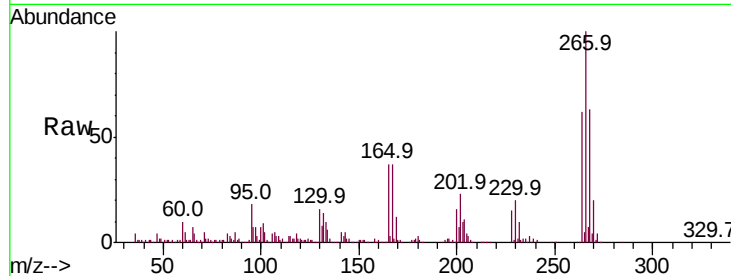




#69
 Pentachlorophenol
 Concen: 69.985 ng
 RT: 11.31 min Scan# 1525
 Delta R.T. 0.00 min
 Lab File: BF107815.D
 Acq: 30 Jul 2018 22:07

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
266	100		
268	63.1	51.1	76.7
264	61.9	49.5	74.3

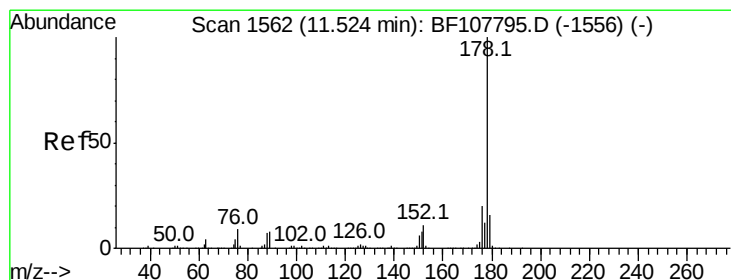
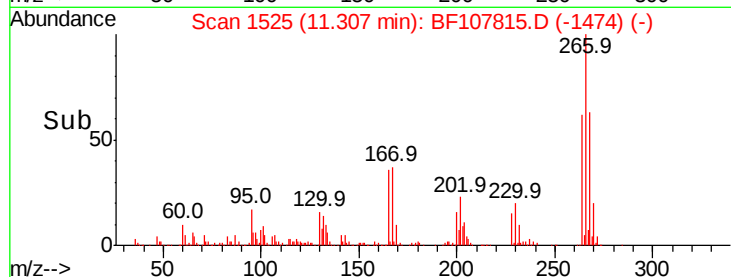
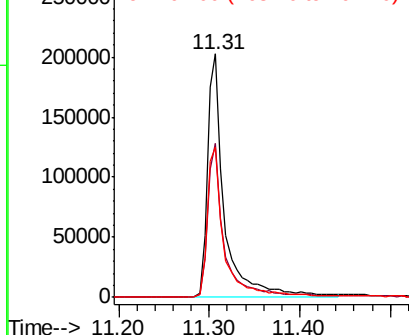


Abundance

Ion 265.70 (265.40 to 266.40): E

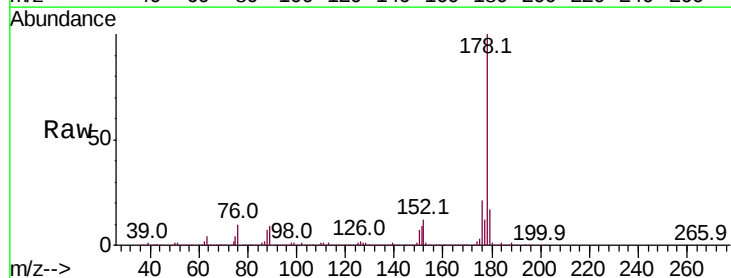
Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



#70
 Phenanthrene
 Concen: 72.051 ng
 RT: 11.52 min Scan# 1562
 Delta R.T. 0.00 min
 Lab File: BF107815.D
 Acq: 30 Jul 2018 22:07

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.9	15.8	23.8
179	16.6	13.0	19.6

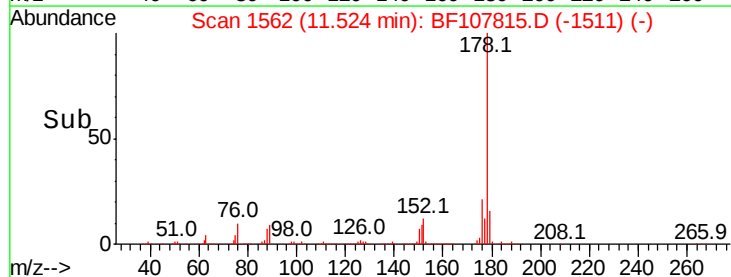
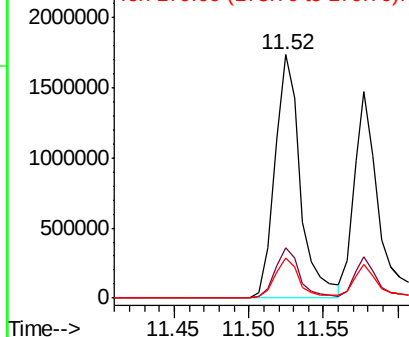


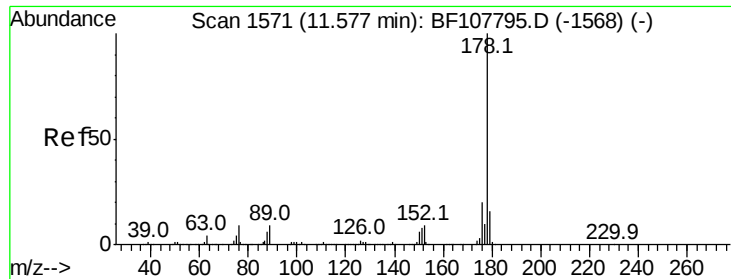
Abundance

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

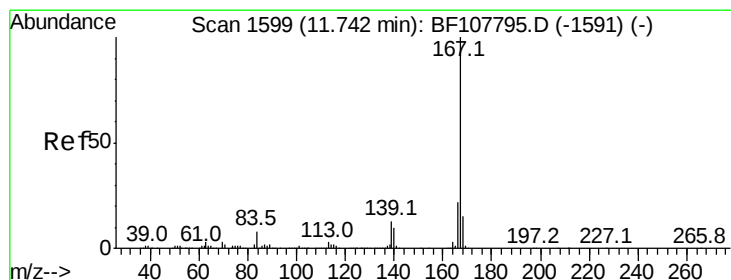
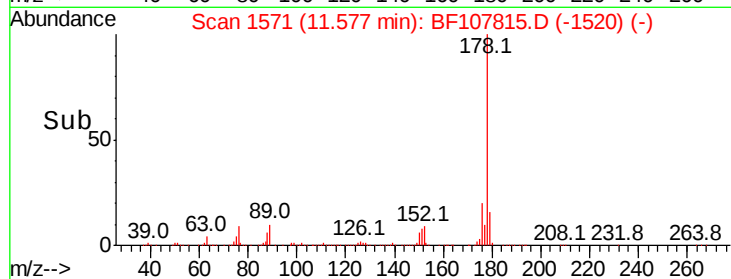
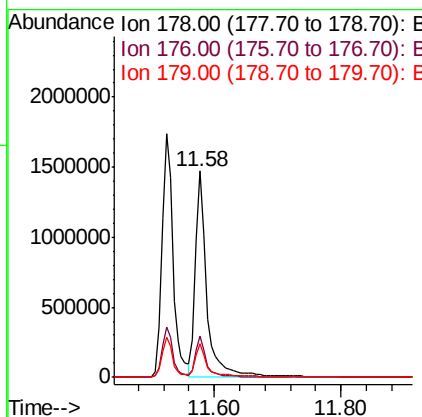
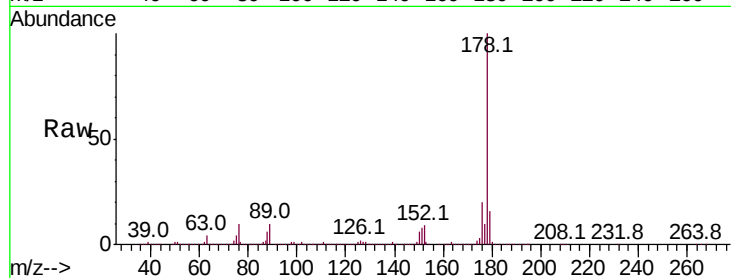




#71
 Anthracene
 Concen: 54.958 ng
 RT: 11.58 min Scan# 1571
 Delta R.T. 0.00 min
 Lab File: BF107815.D
 Acq: 30 Jul 2018 22:07

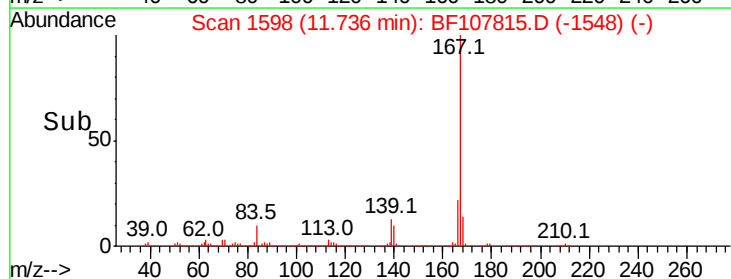
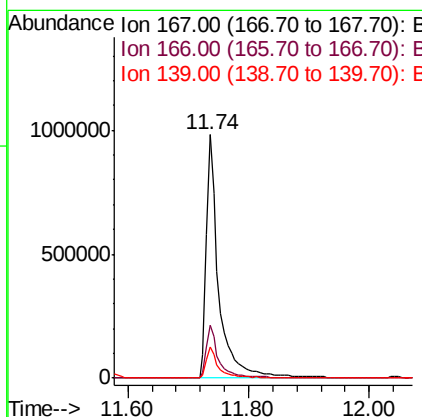
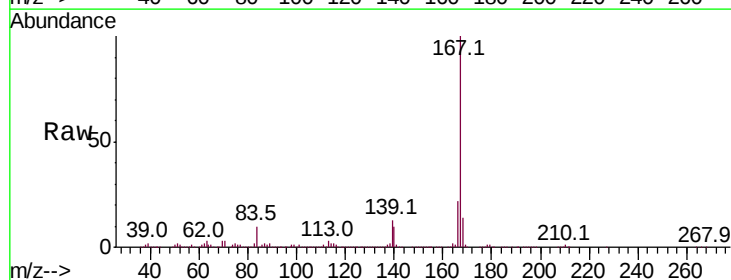
Instrument :
 BNA_F
 ClientSampleId :

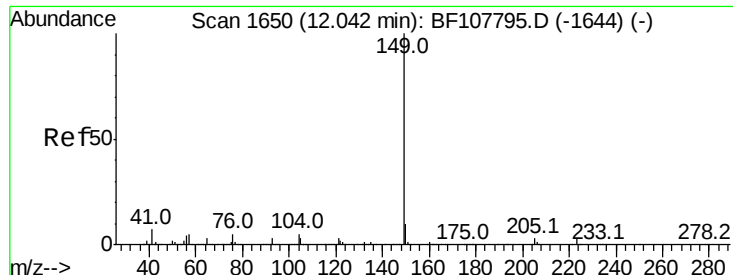
Tot Ion:178 Resp: 1819593
 Ion Ratio Lower Upper
 178 100
 176 20.0 15.4 23.2
 179 16.5 12.6 19.0



#72
 Carbazole
 Concen: 43.331 ng
 RT: 11.74 min Scan# 1598
 Delta R.T. -0.01 min
 Lab File: BF107815.D
 Acq: 30 Jul 2018 22:07

Tgt Ion:167 Resp: 1417774
 Ion Ratio Lower Upper
 167 100
 166 22.0 17.6 26.4
 139 12.7 10.9 16.3

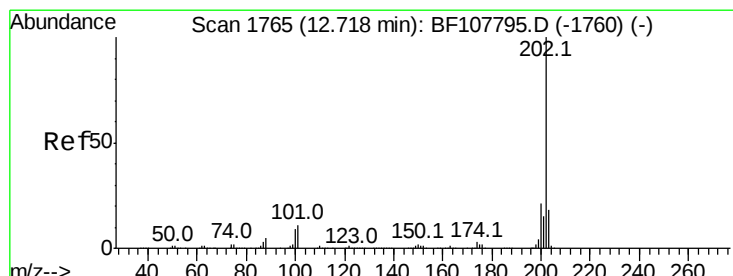
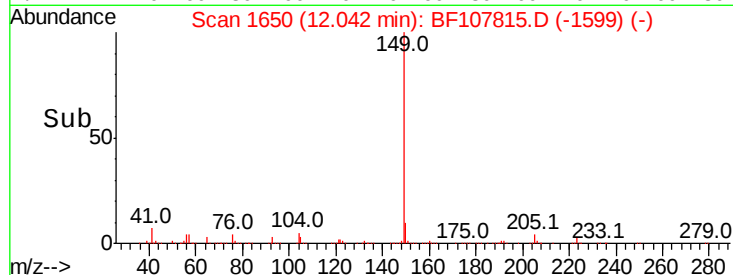
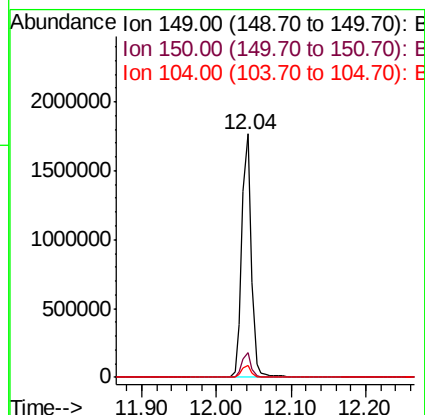
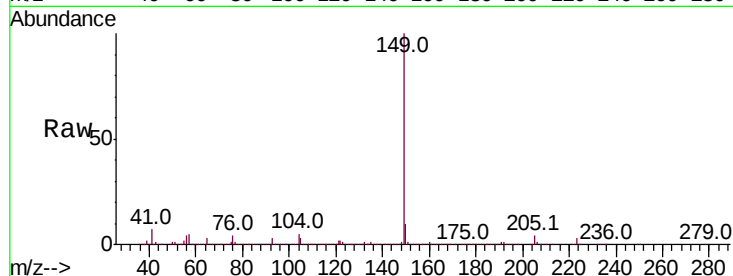




#73
Di-n-butylphthalate
Concen: 44.400 ng
RT: 12.04 min Scan# 1650
Delta R.T. 0.00 min
Lab File: BF107815.D
Acq: 30 Jul 2018 22:07

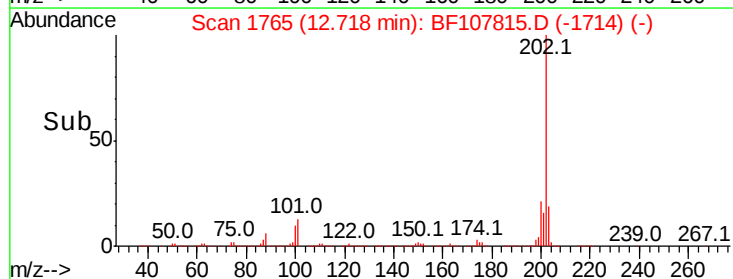
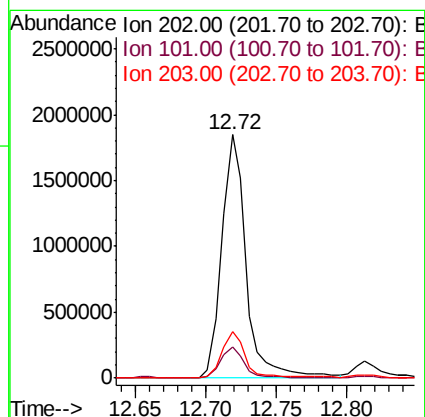
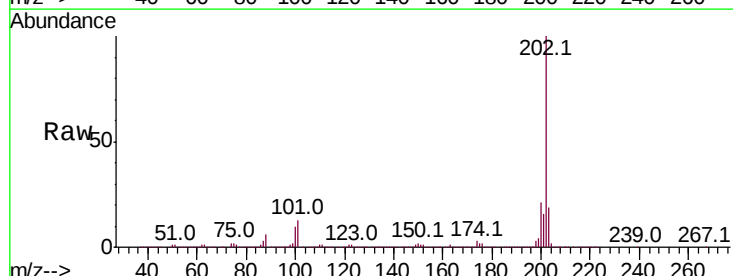
Instrument :
BNA_F
ClientSampleId :

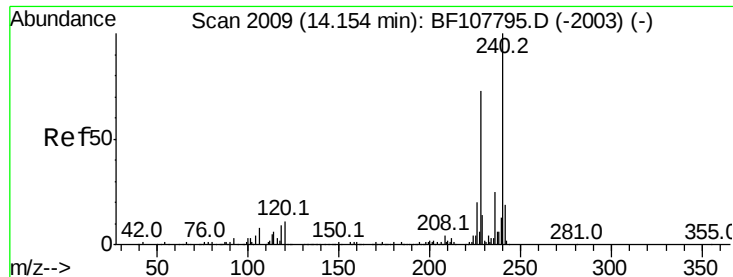
Tot Ion:149 Resp: 1584866
Ion Ratio Lower Upper
149 100
150 10.1 7.8 11.6
104 4.8 3.8 5.8



#74
Fluoranthene
Concen: 65.823 ng
RT: 12.72 min Scan# 1765
Delta R.T. 0.00 min
Lab File: BF107815.D
Acq: 30 Jul 2018 22:07

Tgt Ion:202 Resp: 2219740
Ion Ratio Lower Upper
202 100
101 13.0 0.0 34.1
203 19.0 0.0 38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.15 min Scan# 2009

Delta R.T. 0.00 min

Lab File: BF107815.D

Acq: 30 Jul 2018 22:07

Instrument :

BNA_F

ClientSampleId :

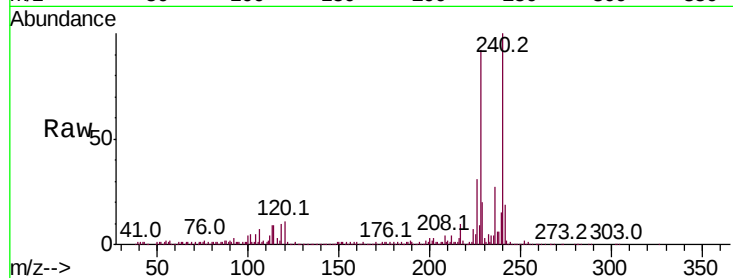
Tot Ion:240 Resp: 420804

Ion Ratio Lower Upper

240 100

120 11.3 9.5 14.3

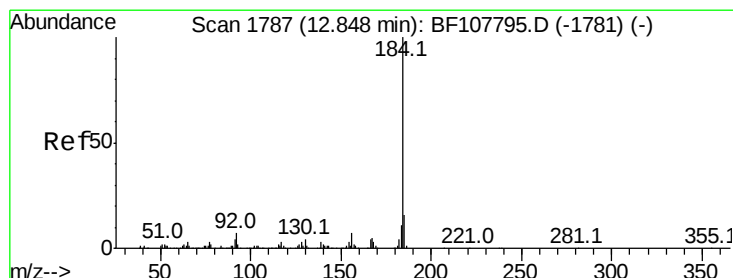
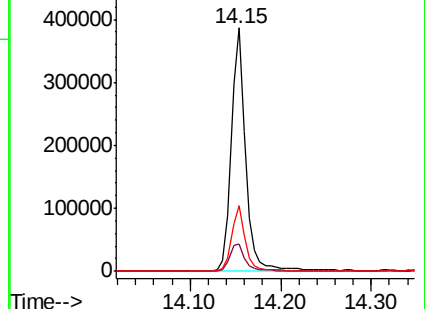
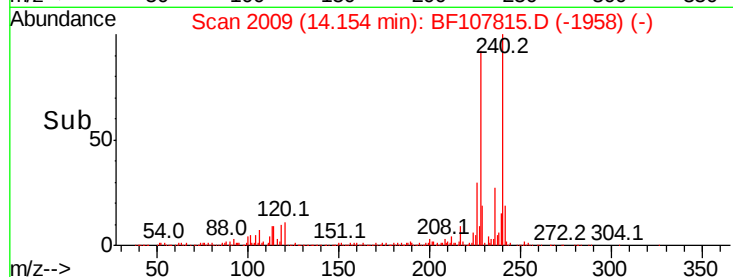
236 27.0 20.7 31.1



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: 54.474 ng

RT: 12.85 min Scan# 1787

Delta R.T. 0.00 min

Lab File: BF107815.D

Acq: 30 Jul 2018 22:07

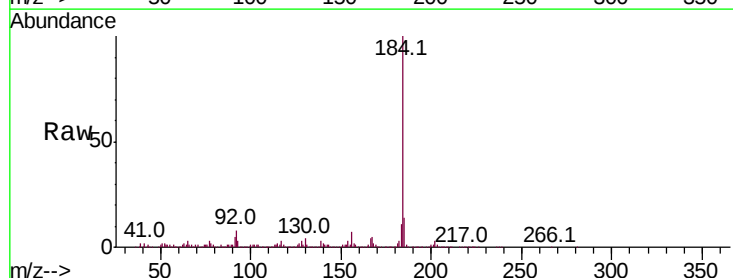
Tgt Ion:184 Resp: 741155

Ion Ratio Lower Upper

184 100

185 14.2 12.6 18.8

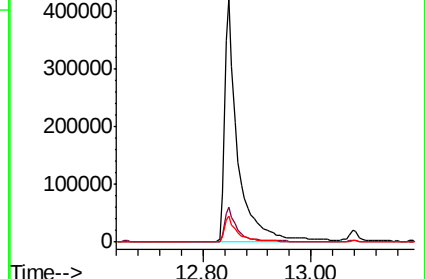
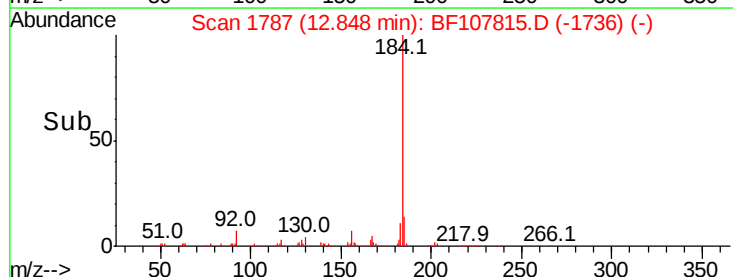
183 10.7 9.3 13.9

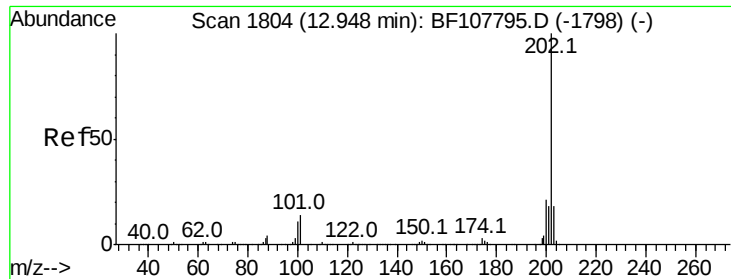


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 65.734 ng

RT: 12.95 min Scan# 1805

Delta R.T. 0.01 min

Lab File: BF107815.D

Acq: 30 Jul 2018 22:07

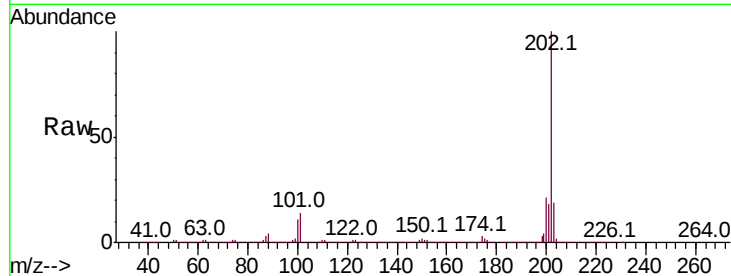
Instrument :

BNA_F

ClientSampled :

Tot Ion:202 Resp: 1991837

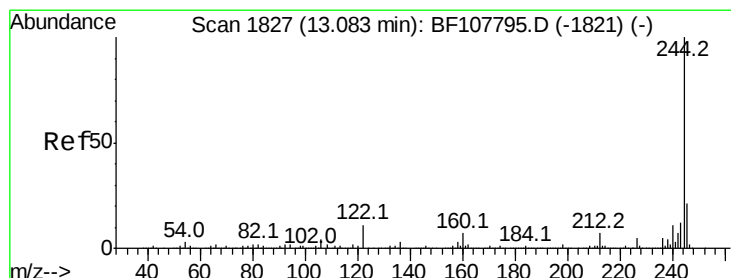
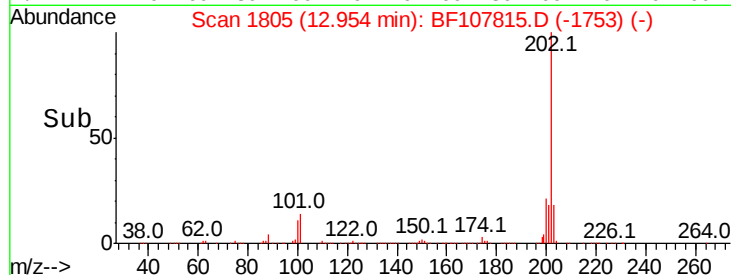
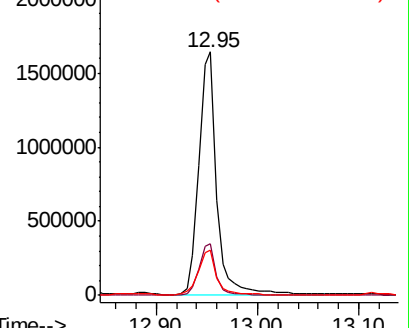
Ion	Ratio	Lower	Upper
202	100		
200	21.3	17.4	26.2
203	18.5	14.3	21.5



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: 83.225 ng

RT: 13.08 min Scan# 1826

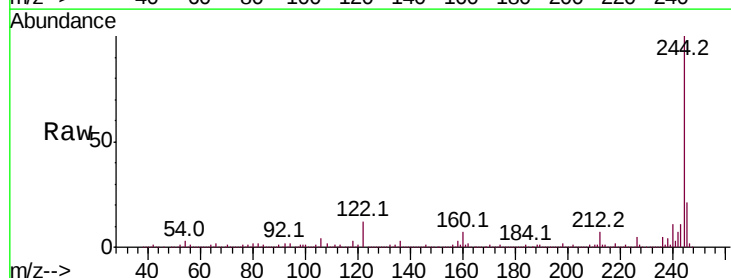
Delta R.T. -0.01 min

Lab File: BF107815.D

Acq: 30 Jul 2018 22:07

Tgt Ion:244 Resp: 1615053

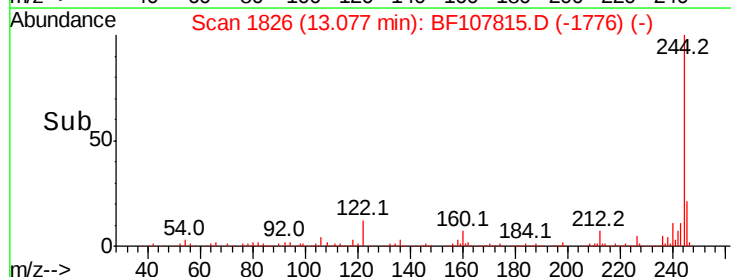
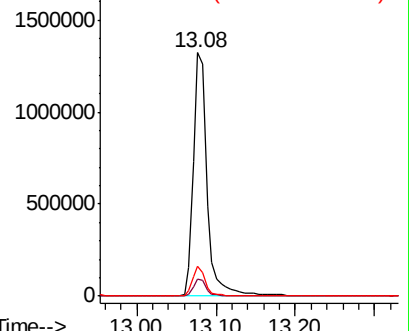
Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.4	8.0
122	12.4	11.0	16.4

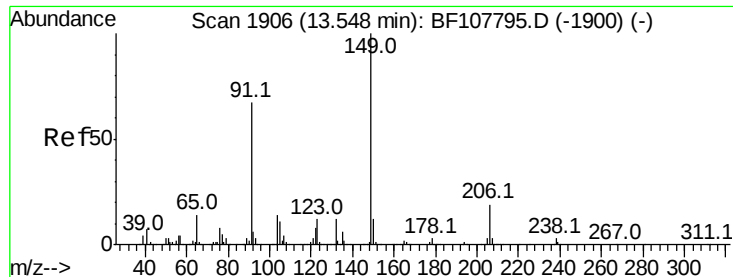


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

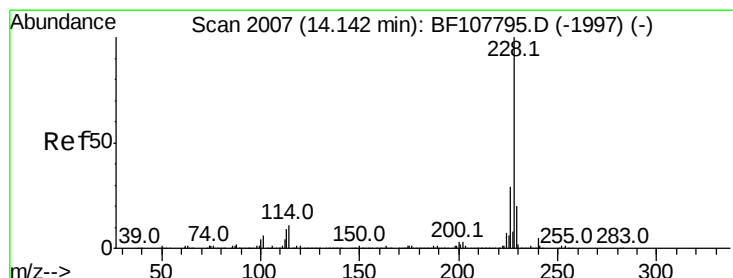
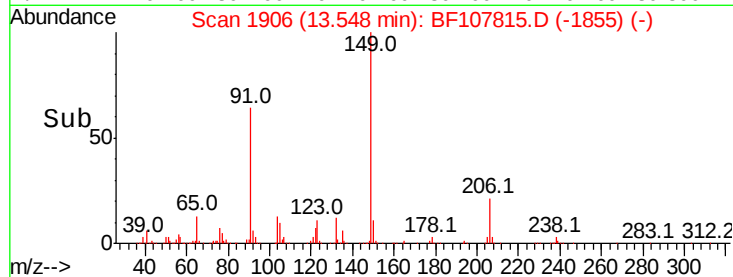
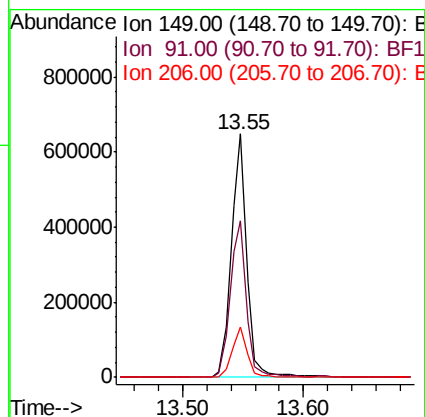
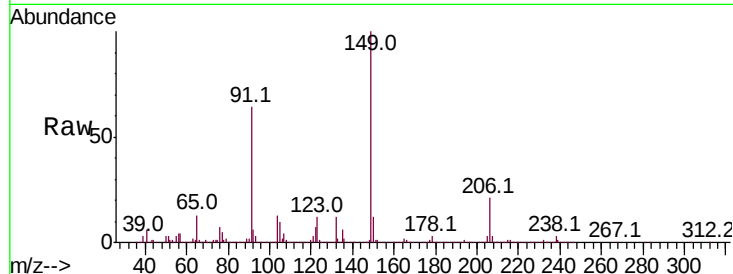




#79
Butylbenzylphthalate
Concen: 43.022 ng
RT: 13.55 min Scan# 1906
Delta R.T. 0.00 min
Lab File: BF107815.D
Acq: 30 Jul 2018 22:07

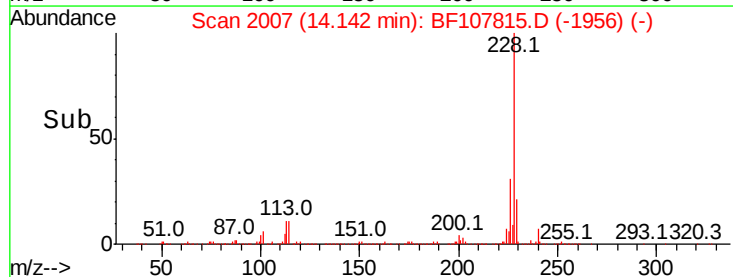
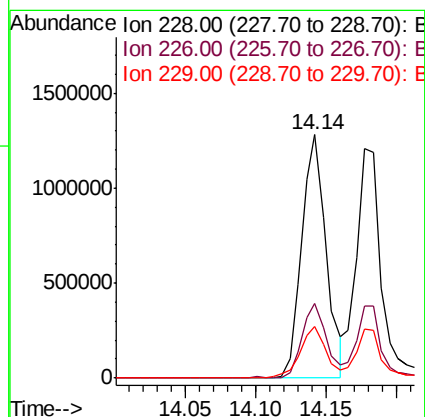
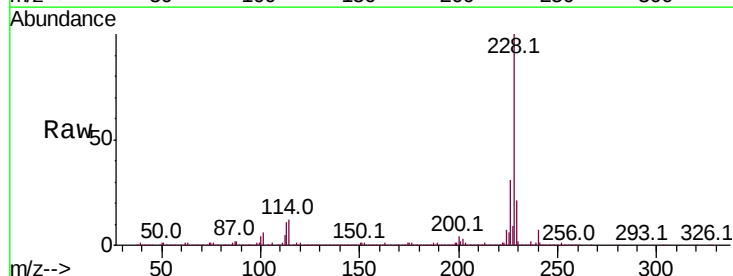
Instrument :
BNA_F
ClientSampleId :

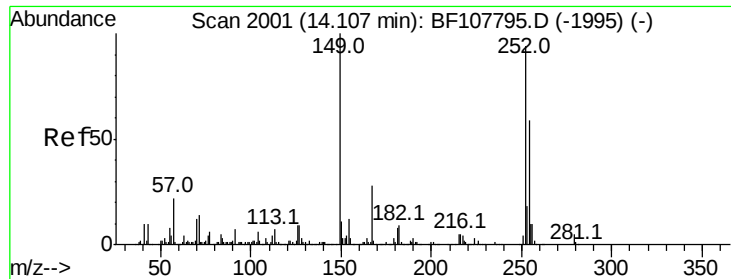
Tot Ion:149 Resp: 570874
Ion Ratio Lower Upper
149 100
91 64.2 56.8 85.2
206 20.7 14.1 21.1



#80
Benzo(a)anthracene
Concen: 64.602 ng
RT: 14.14 min Scan# 2007
Delta R.T. 0.00 min
Lab File: BF107815.D
Acq: 30 Jul 2018 22:07

Tgt Ion:228 Resp: 1539913
Ion Ratio Lower Upper
228 100
226 30.9 22.6 33.8
229 21.4 15.8 23.6

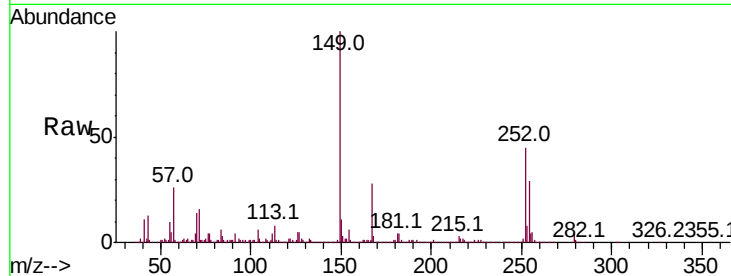




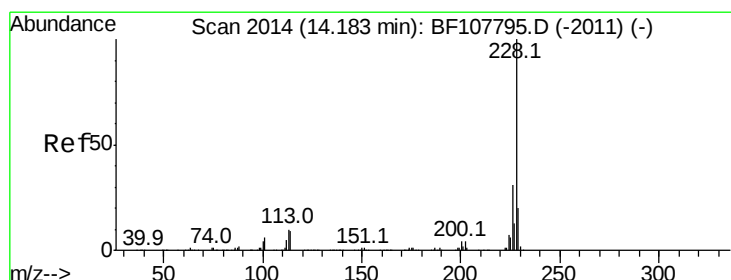
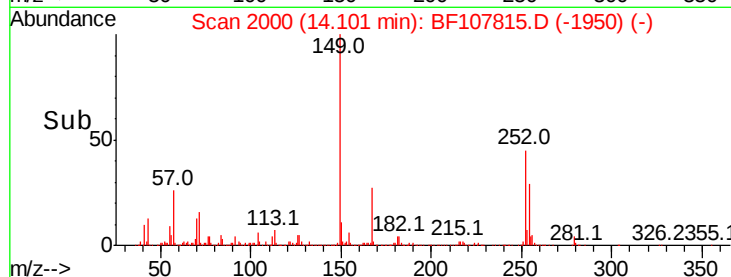
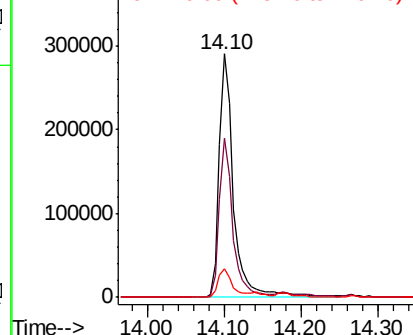
#81
 3,3'-Dichlorobenzidine
 Concen: 39.753 ng
 RT: 14.10 min Scan# 2000
 Delta R.T. -0.01 min
 Lab File: BF107815.D
 Acq: 30 Jul 2018 22:07

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:252 Resp: 367328
 Ion Ratio Lower Upper
 252 100
 254 65.4 50.4 75.6
 126 11.8 11.3 16.9

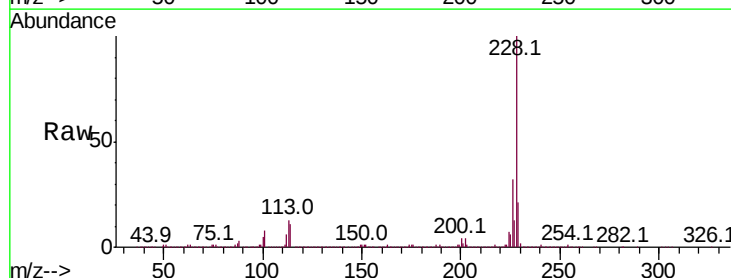


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

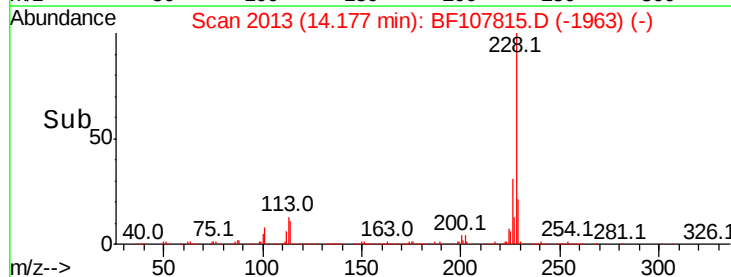
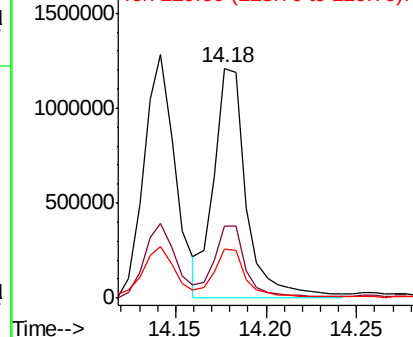


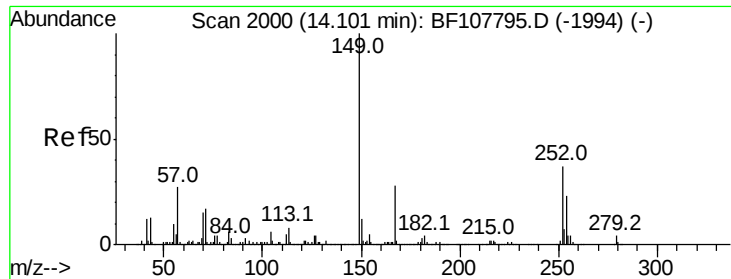
#82
 Chrysene
 Concen: 59.041 ng
 RT: 14.18 min Scan# 2013
 Delta R.T. -0.01 min
 Lab File: BF107815.D
 Acq: 30 Jul 2018 22:07

Tgt Ion:228 Resp: 1517980
 Ion Ratio Lower Upper
 228 100
 226 31.6 25.0 37.6
 229 21.3 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

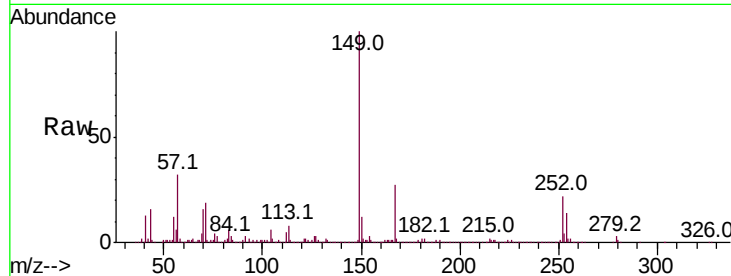




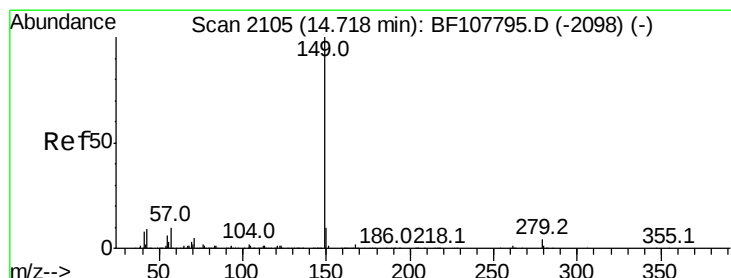
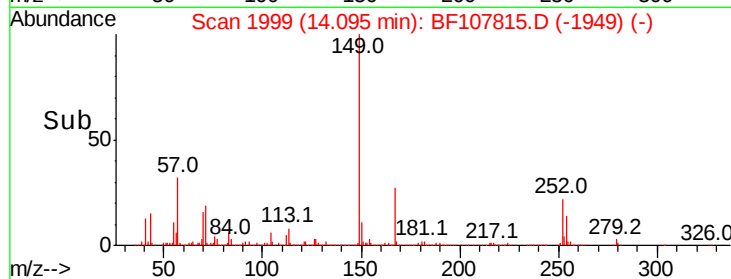
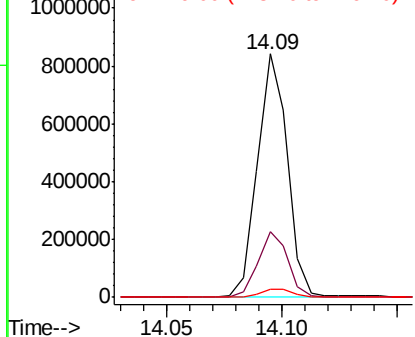
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 45.496 ng
 RT: 14.09 min Scan# 1999
 Delta R.T. -0.01 min
 Lab File: BF107815.D
 Acq: 30 Jul 2018 22:07

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:149 Resp: 758936
 Ion Ratio Lower Upper
 149 100
 167 26.8 21.3 31.9
 279 3.5 3.0 4.4

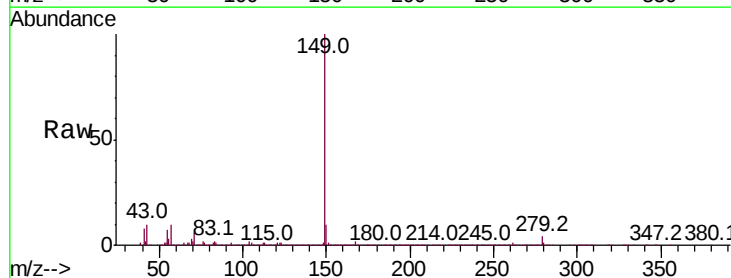


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

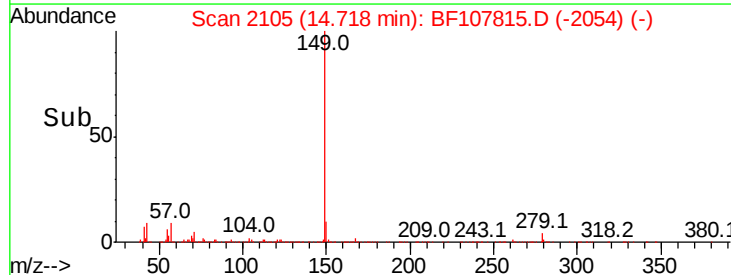
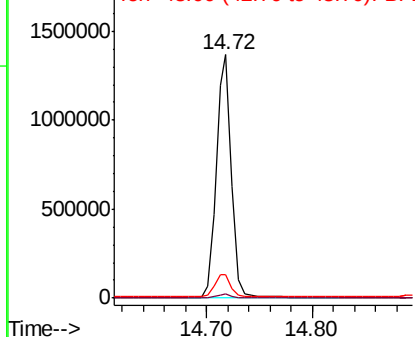


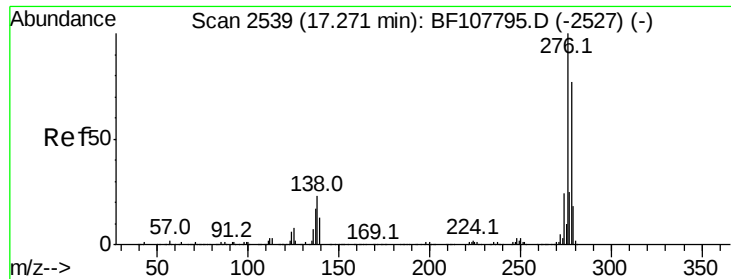
#84
 Di-n-octyl phthalate
 Concen: 51.426 ng
 RT: 14.72 min Scan# 2105
 Delta R.T. 0.00 min
 Lab File: BF107815.D
 Acq: 30 Jul 2018 22:07

Tgt Ion:149 Resp: 1376969
 Ion Ratio Lower Upper
 149 100
 167 1.4 1.2 1.8
 43 9.9 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

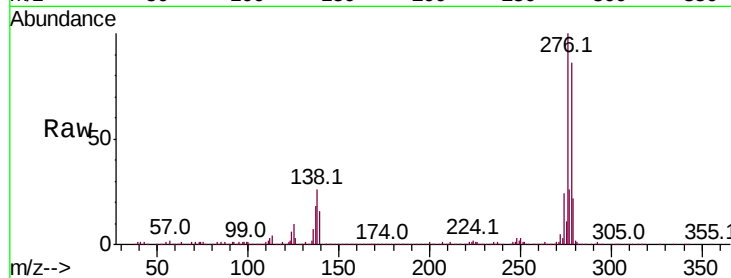




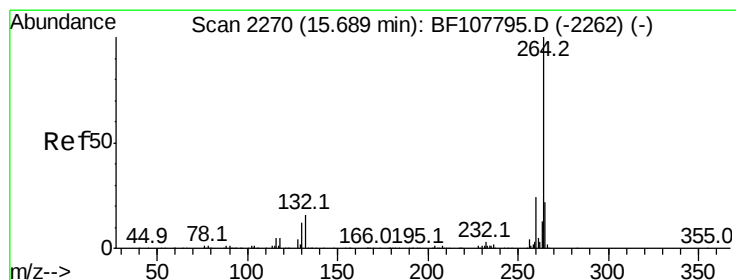
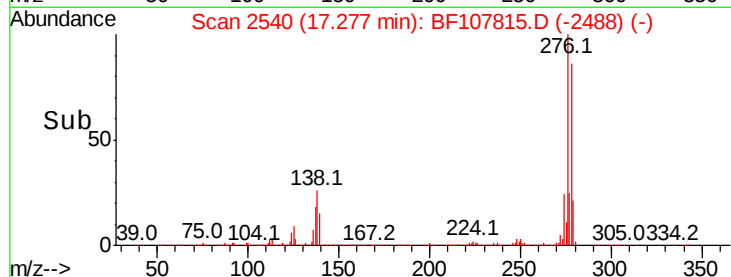
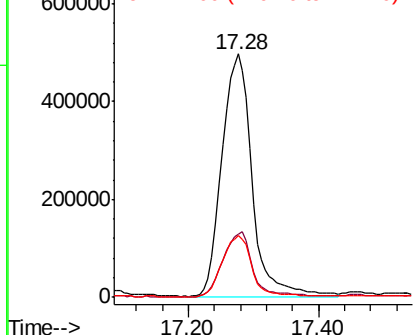
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 81.270 ng
 RT: 17.28 min Scan# 2540
 Delta R.T. 0.01 min
 Lab File: BF107815.D
 Acq: 30 Jul 2018 22:07

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:276 Resp: 1589341
 Ion Ratio Lower Upper
 276 100
 138 26.3 25.0 37.6
 277 24.7 20.1 30.1

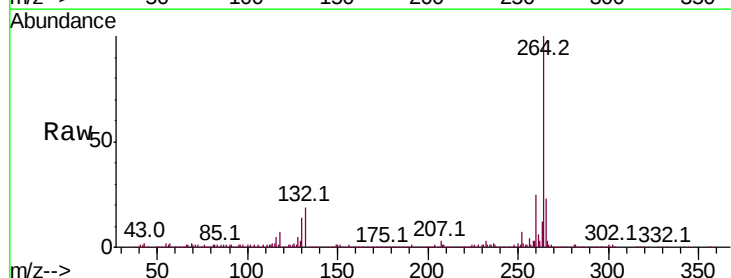


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

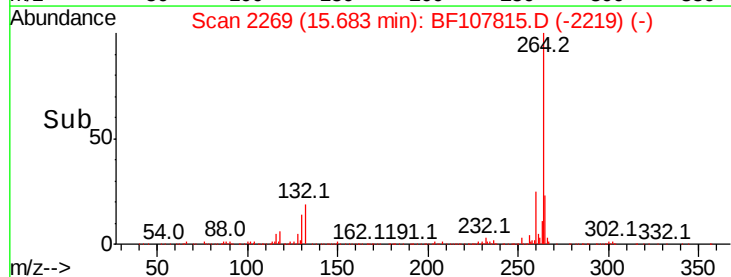
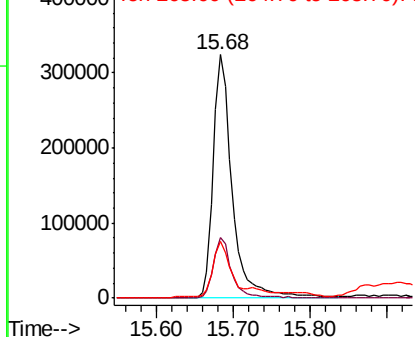


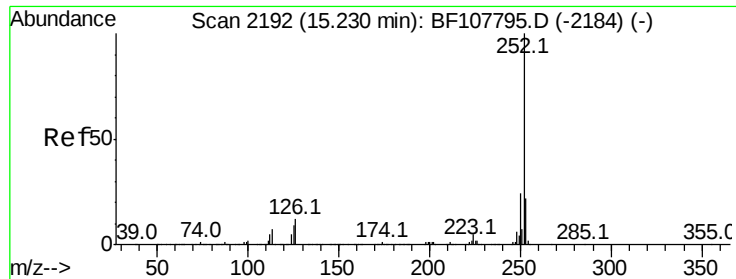
#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.68 min Scan# 2269
 Delta R.T. -0.01 min
 Lab File: BF107815.D
 Acq: 30 Jul 2018 22:07

Tgt Ion:264 Resp: 544517
 Ion Ratio Lower Upper
 264 100
 260 24.9 19.2 28.8
 265 23.3 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

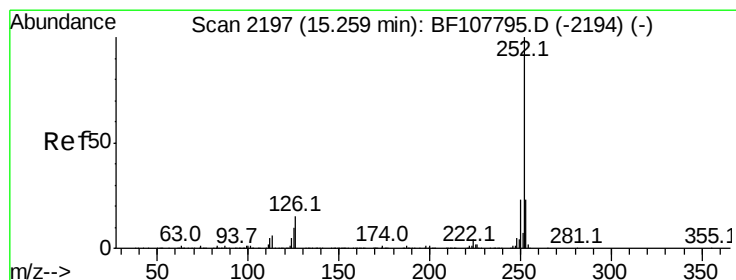
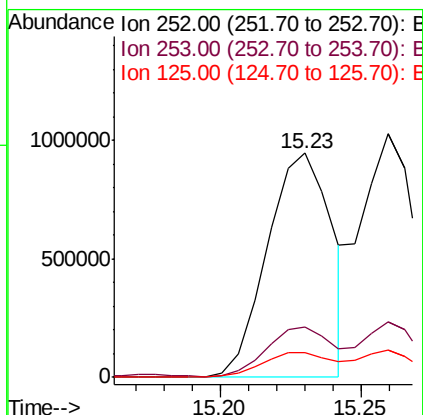
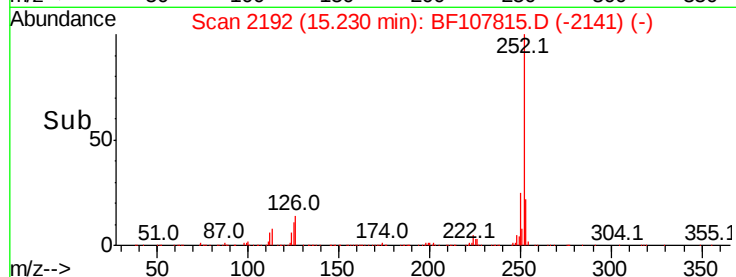
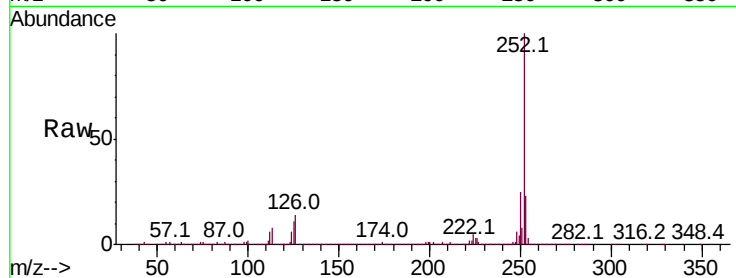




#87
Benzo(b)fluoranthene
Concen: 55.586 ng
RT: 15.23 min Scan# 2192
Delta R.T. 0.00 min
Lab File: BF107815.D
Acq: 30 Jul 2018 22:07

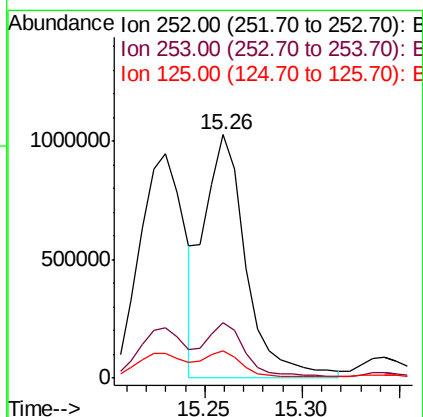
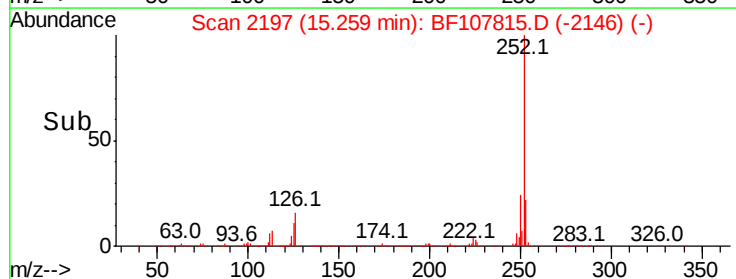
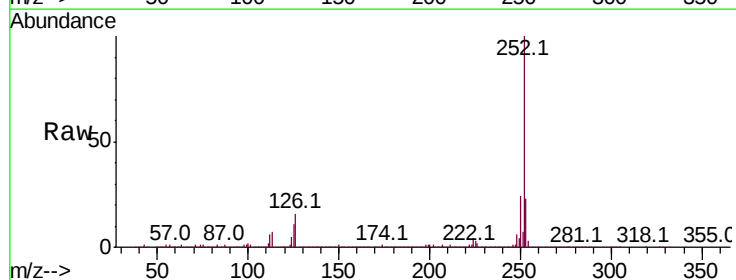
Instrument :
BNA_F
ClientSampleId :

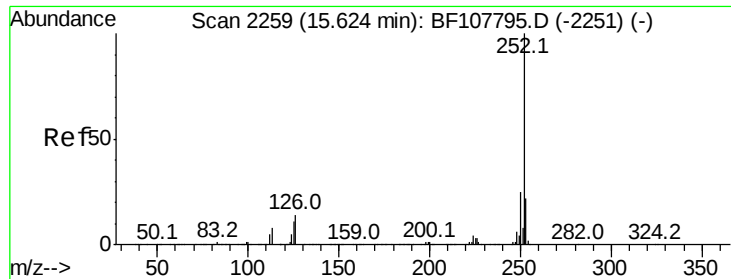
Tot Ion:252 Resp: 1492794
Ion Ratio Lower Upper
252 100
253 22.5 17.0 25.6
125 11.2 9.0 13.6



#88
Benzo(k)fluoranthene
Concen: 46.154 ng
RT: 15.26 min Scan# 2197
Delta R.T. 0.00 min
Lab File: BF107815.D
Acq: 30 Jul 2018 22:07

Tgt Ion:252 Resp: 1521768
Ion Ratio Lower Upper
252 100
253 22.7 17.9 26.9
125 11.3 10.2 15.2





#89

Benzo(a)pyrene

Concen: 56.966 ng

RT: 15.62 min Scan# 2259

Delta R.T. 0.00 min

Lab File: BF107815.D

Acq: 30 Jul 2018 22:07

Instrument :

BNA_F

ClientSampled :

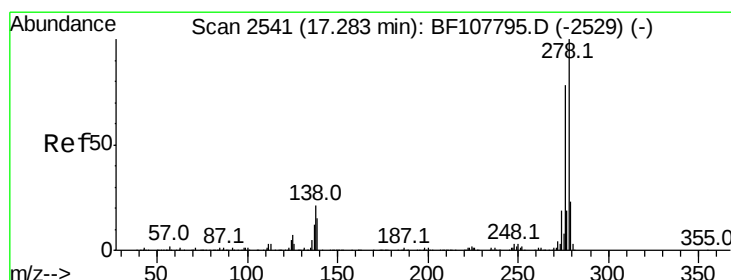
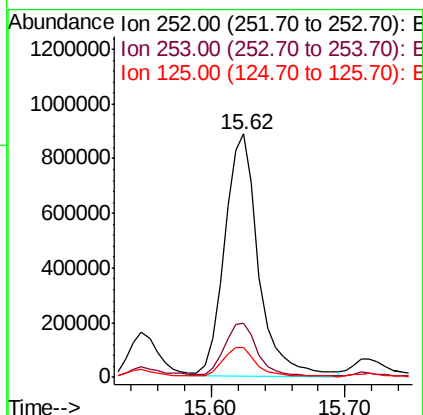
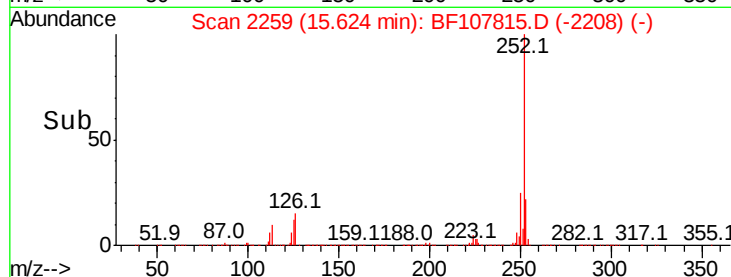
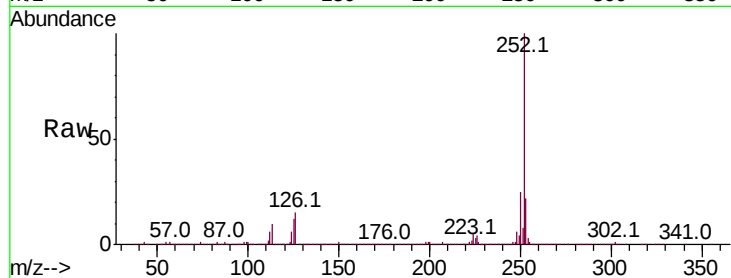
Tot Ion:252 Resp: 1579339

Ion Ratio Lower Upper

252 100

253 22.5 17.1 25.7

125 12.0 9.8 14.6



#90

Dibenzo(a,h)anthracene

Concen: 51.211 ng

RT: 17.29 min Scan# 2542

Delta R.T. 0.01 min

Lab File: BF107815.D

Acq: 30 Jul 2018 22:07

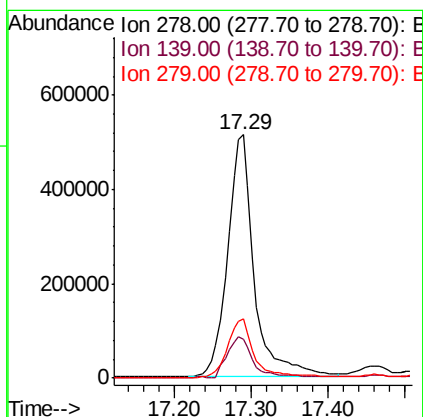
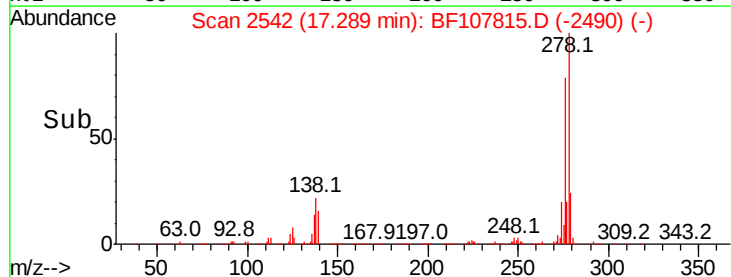
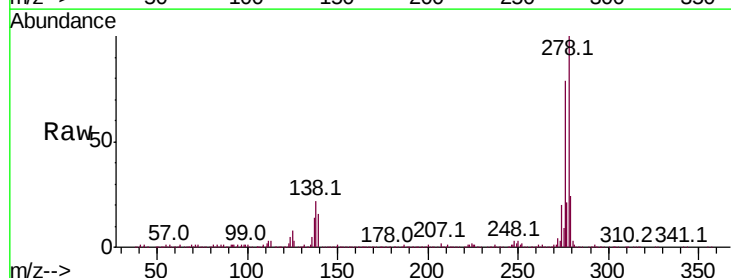
Tgt Ion:278 Resp: 1238449

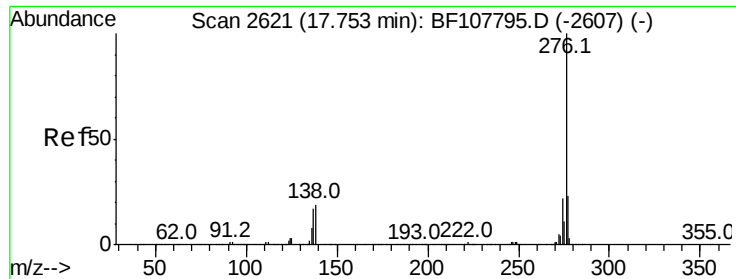
Ion Ratio Lower Upper

278 100

139 16.1 15.9 23.9

279 24.4 19.0 28.4





#91
 Benzo(a,h,i)perylene
 Concen: 54.703 ng
 RT: 17.75 min Scan# 2621
 Delta R.T. 0.00 min
 Lab File: BF107815.D
 Acq: 30 Jul 2018 22:07

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:276 Resp: 1280039
 Ion Ratio Lower Upper
 276 100
 277 25.2 17.9 26.9
 138 23.7 21.8 32.8

