

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF073018\
 Data File : BF107814.D
 Acq On : 30 Jul 2018 21:40
 Operator : JU/SJ
 Sample : J4164-03MS
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 31 01:04:09 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	203892	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	830227	20.00	ng	0.00
38) Acenaphthene-d10	10.01	164	383723	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	767858	20.00	ng	0.00
75) Chrysene-d12	14.15	240	469514	20.00	ng	0.00
86) Perylene-d12	15.68	264	564526	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.61	112	1494175	124.55	ng	0.01
7) Phenol-d6	6.61	99	1844901	116.68	ng	0.00
23) Nitrobenzene-d5	7.53	82	1254734	87.07	ng	0.00
41) 2,4,6-Tribromophenol	10.81	330	599429	114.96	ng	0.00
44) 2-Fluorobiphenyl	9.32	172	2078627	75.49	ng	0.00
78) Terphenyl-d14	13.08	244	2016035	93.11	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.85	88	199636	36.981	ng	87
3) Pyridine	3.64	79	506488	37.533	ng	# 84
4) n-Nitrosodimethylamine	3.61	42	198331	32.491	ng	96
6) Aniline	6.64	93	602594	36.642	ng	# 57
8) 2-Chlorophenol	6.76	128	646467	42.899	ng	96
9) Benzaldehyde	6.52	77	330074	34.601	ng	97
10) Phenol	6.62	94	770610	40.870	ng	87
11) bis(2-Chloroethyl)ether	6.70	93	601537	35.878	ng	95
12) 1,3-Dichlorobenzene	6.90	146	656652	41.546	ng	98
13) 1,4-Dichlorobenzene	6.98	146	731966	41.603	ng	98
14) 1,2-Dichlorobenzene	7.13	146	638031	39.066	ng	99
15) Benzyl Alcohol	7.11	79	470991	47.926	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.23	45	1018452	42.250	ng	63
17) 2-Methylphenol	7.22	107	535565	48.143	ng	# 81
18) Hexachloroethane	7.47	117	243872	38.563	ng	97
19) n-Nitroso-di-n-propylamine	7.37	70	448724	44.739	ng	98
20) 3+4-Methylphenols	7.38	107	684046	50.084	ng	# 65
22) Acetophenone	7.37	105	936172	46.869	ng	# 92
24) Nitrobenzene	7.55	77	676324	44.757	ng	97
25) Isophorone	7.78	82	1284151	54.285	ng	99
26) 2-Nitrophenol	7.87	139	378901	49.962	ng	96
27) 2,4-Dimethylphenol	7.90	122	590679	58.176	ng	98
28) bis(2-Chloroethoxy)methane	7.99	93	847596	54.370	ng	99
29) 2,4-Dichlorophenol	8.11	162	569732	49.608	ng	96
30) 1,2,4-Trichlorobenzene	8.18	180	571590	43.626	ng	98
31) Naphthalene	8.27	128	2156545	55.880	ng	98
32) Benzoic acid	7.90	122	590679	84.763	ng	# 14
33) 4-Chloroaniline	8.32	127	393740	23.886	ng	97
34) Hexachlorobutadiene	8.37	225	321794	39.745	ng	100
35) Caprolactam	8.70	113	104459	30.213	ng	# 73
36) 4-Chloro-3-methylphenol	8.81	107	625781	50.171	ng	98
37) 2-Methylnaphthalene	8.96	142	1298757	53.575	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.12	216	597960	45.705	ng	97
40) Hexachlorocyclopentadiene	9.10	237	277110	52.059	ng	99

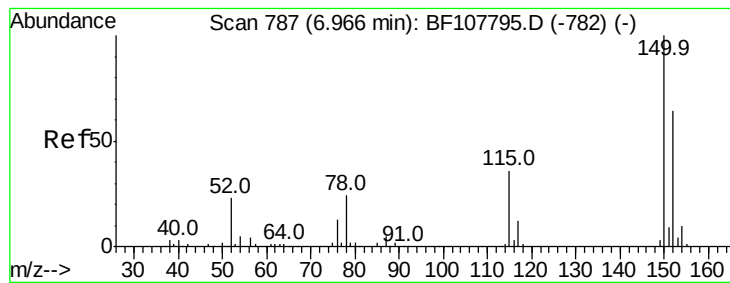
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF073018\
 Data File : BF107814.D
 Acq On : 30 Jul 2018 21:40
 Operator : JU/SJ
 Sample : J4164-03MS
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 31 01:04:09 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)
42) 2,4,6-Trichlorophenol	9.24	196	386326	53.414	ng	99
43) 2,4,5-Trichlorophenol	9.30	196	420660	48.311	ng	95
45) 1,1'-Biphenyl	9.42	154	1569756	44.952	ng	100
46) 2-Chloronaphthalene	9.45	162	1168306	44.365	ng	97
47) 2-Nitroaniline	9.56	65	449536	52.481	ng	89
48) Acenaphthylene	9.87	152	1972162	48.307	ng	98
49) Dimethylphthalate	9.72	163	1538802	53.398	ng	99
50) 2,6-Dinitrotoluene	9.80	165	309772	49.463	ng	93
51) Acenaphthene	10.04	154	1156579	48.769	ng	99
52) 3-Nitroaniline	9.98	138	245681	31.132	ng	96
53) 2,4-Dinitrophenol	10.11	184	21642	14.305	ng	# 65
54) Dibenzofuran	10.21	168	1698228	46.330	ng	98
55) 4-Nitrophenol	10.15	139	327176	87.148	ng	90
56) 2,4-Dinitrotoluene	10.20	165	386780	46.989	ng	# 91
57) Fluorene	10.56	166	1449028	50.866	ng	95
58) 2,3,4,6-Tetrachlorophenol	10.34	232	360123	45.029	ng	# 86
59) Diethylphthalate	10.42	149	1412603	45.591	ng	96
60) 4-Chlorophenyl-phenylether	10.54	204	634898	40.912	ng	94
61) 4-Nitroaniline	10.60	138	306185	43.720	ng	93
62) Azobenzene	10.71	77	1328757	46.047	ng	90
64) 4,6-Dinitro-2-methylphenol	10.61	198	103233	24.712	ng	88
65) n-Nitrosodiphenylamine	10.67	169	1178925	46.628	ng	99
66) 4-Bromophenyl-phenylether	11.04	248	394324	44.060	ng	# 86
67) Hexachlorobenzene	11.10	284	418010	42.119	ng	92
68) Atrazine	11.20	200	363479	48.573	ng	95
69) Pentachlorophenol	11.31	266	384198	78.640	ng	99
70) Phenanthrene	11.53	178	2267327	62.186	ng	98
71) Anthracene	11.58	178	2244176	53.364	ng	97
72) Carbazole	11.74	167	1943254	46.759	ng	99
73) Di-n-butylphthalate	12.04	149	2038310	44.957	ng	98
74) Fluoranthene	12.72	202	2895855	67.607	ng	97
76) Benzidine	12.85	184	869873	57.302	ng	97
77) Pyrene	12.95	202	2673505	79.077	ng	97
79) Butylbenzylphthalate	13.55	149	795258	53.714	ng	96
80) Benzo(a)anthracene	14.14	228	1907314	71.713	ng	95
81) 3,3'-Dichlorobenzidine	14.10	252	387065	37.543	ng	97
82) Chrysene	14.18	228	1745661	60.853	ng	97
83) Bis(2-ethylhexyl)phthalate	14.10	149	1003345	53.907	ng	98
84) Di-n-octyl phthalate	14.72	149	1657935	55.496	ng	98
85) Indeno(1,2,3-cd)pyrene	17.28	276	1774380	81.319	ng	95
87) Benzo(b)fluoranthene	15.23	252	1826605	65.605	ng	97
88) Benzo(k)fluoranthene	15.26	252	1531770	44.810	ng	99
89) Benzo(a)pyrene	15.62	252	1745219	60.718	ng	97
90) Dibenzo(a,h)anthracene	17.29	278	1341694	53.513	ng	97
91) Benzo(g,h,i)perylene	17.76	276	1477123	60.888	ng	95

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

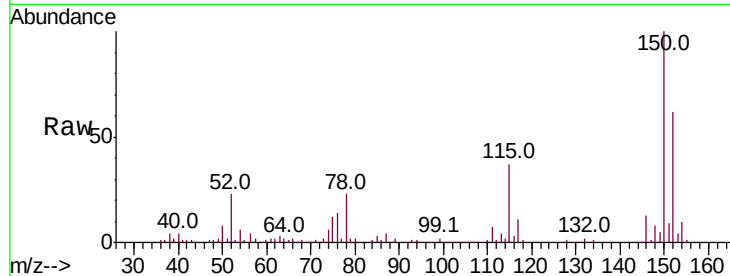


#1

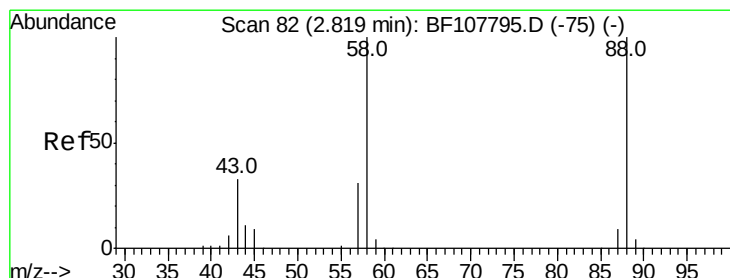
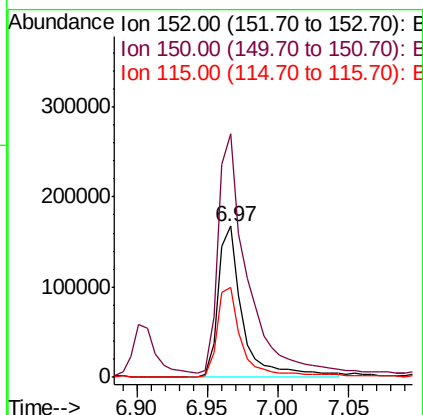
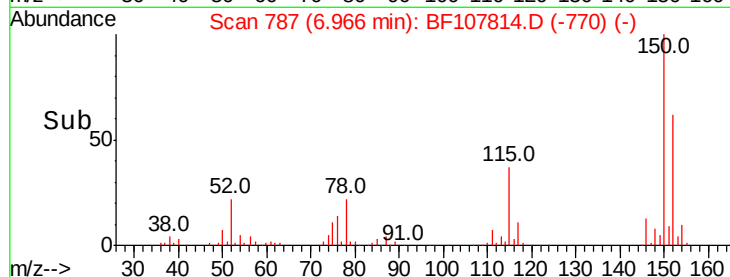
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 787
Delta R.T. 0.00 min
Lab File: BF107814.D
Acq: 30 Jul 2018 21:40

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	160.8	124.6	186.8
115	59.4	50.1	75.1



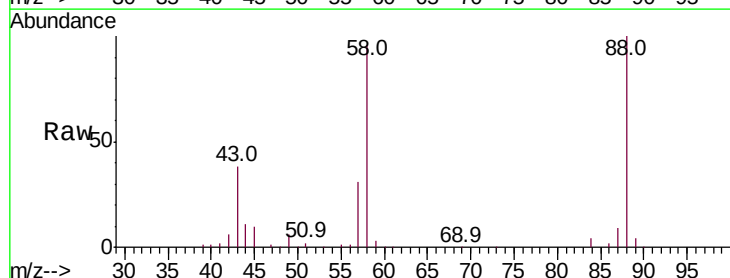
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



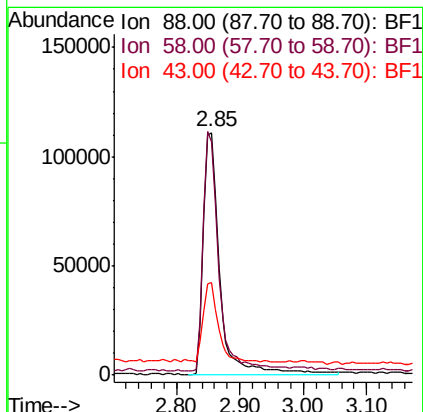
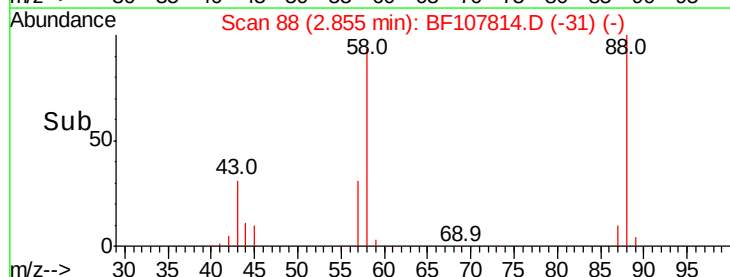
#2

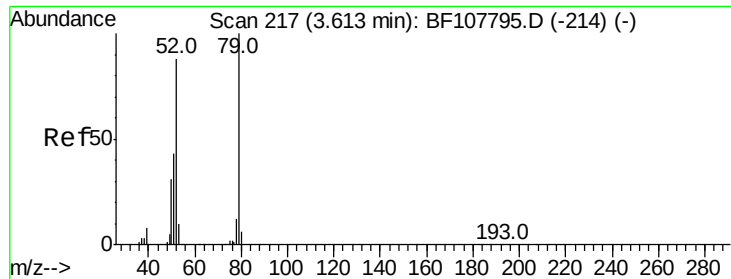
1,4-Dioxane
Concen: 36.981 ng
RT: 2.85 min Scan# 88
Delta R.T. 0.04 min
Lab File: BF107814.D
Acq: 30 Jul 2018 21:40

Tgt Ion	Ratio	Lower	Upper
88	100		
58	93.2	62.6	93.8
43	29.8	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: 37.533 ng

RT: 3.64 min Scan# 221

Delta R.T. 0.02 min

Lab File: BF107814.D

Acq: 30 Jul 2018 21:40

Instrument :

BNA_F

ClientSampleId :

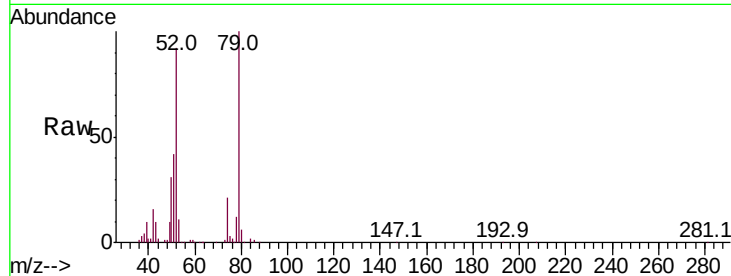
Tot Ion: 79 Resp: 506488

Ion Ratio Lower Upper

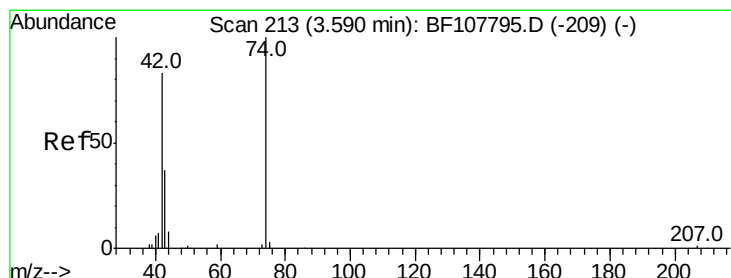
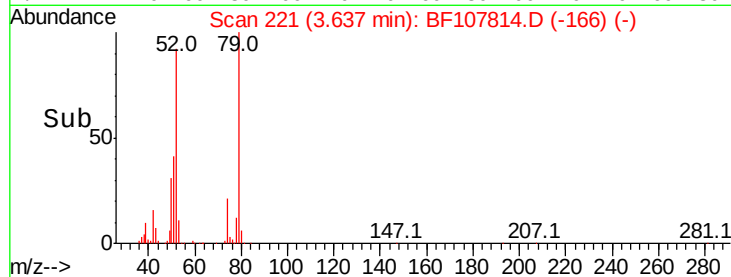
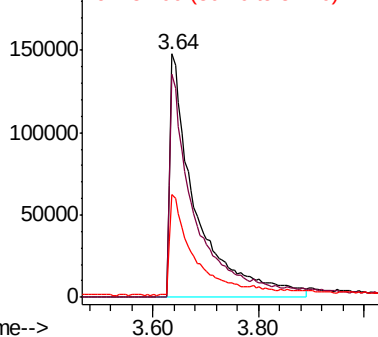
79 100

52 91.7 59.8 89.6#

51 42.3 29.8 44.8



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



#4

n-Nitrosodimethylamine

Concen: 32.491 ng

RT: 3.61 min Scan# 217

Delta R.T. 0.02 min

Lab File: BF107814.D

Acq: 30 Jul 2018 21:40

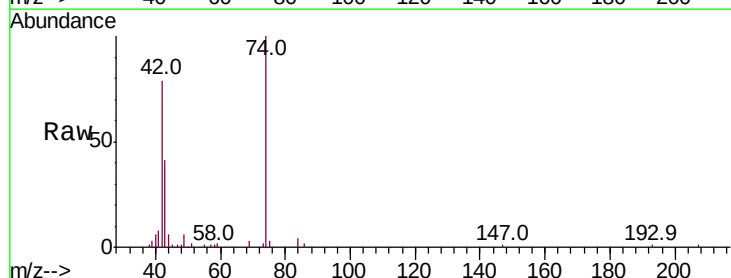
Tgt Ion: 42 Resp: 198331

Ion Ratio Lower Upper

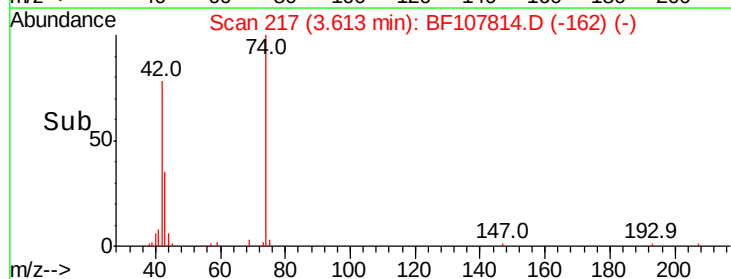
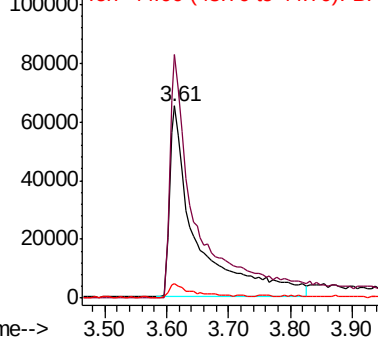
42 100

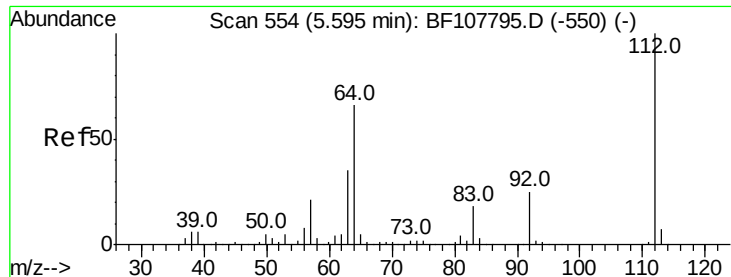
74 126.9 104.9 157.3

44 7.6 6.9 10.3



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





#5

2-Fluorophenol

Concen: 124.547 ng

RT: 5.61 min Scan# 556

Delta R.T. 0.01 min

Lab File: BF107814.D

Acq: 30 Jul 2018 21:40

Instrument :

BNA_F

ClientSampleId :

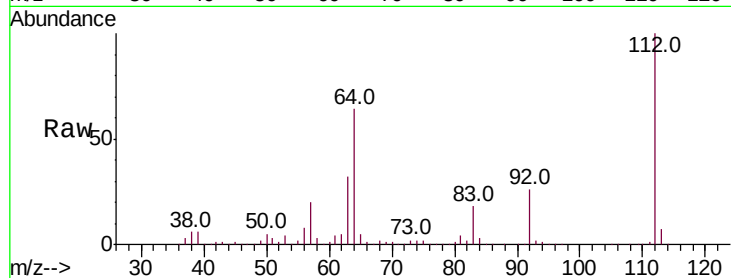
Tot Ion:112 Resp: 1494175

Ion Ratio Lower Upper

112 100

64 64.3 47.9 71.9

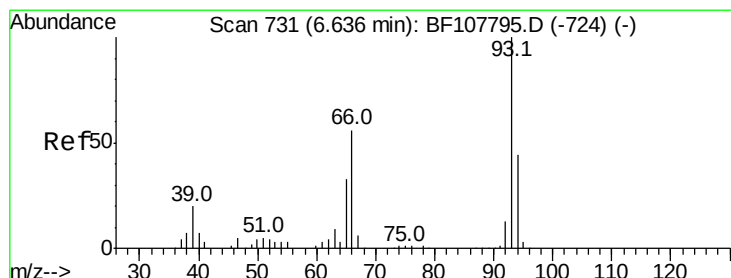
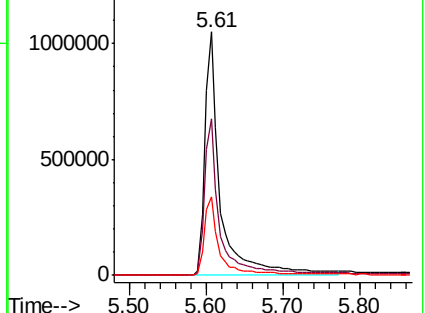
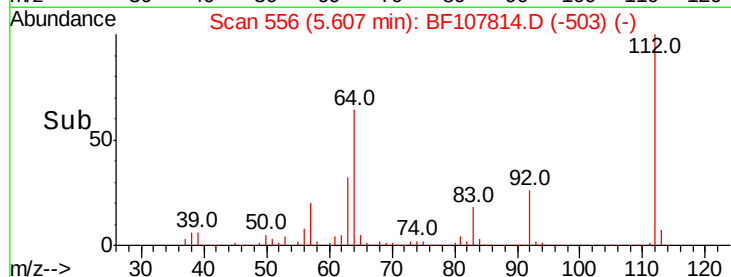
63 32.3 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 36.642 ng

RT: 6.64 min Scan# 731

Delta R.T. 0.00 min

Lab File: BF107814.D

Acq: 30 Jul 2018 21:40

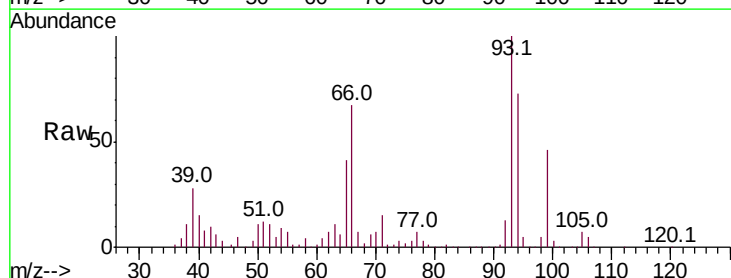
Tgt Ion: 93 Resp: 602594

Ion Ratio Lower Upper

93 100

66 66.7 32.2 48.2#

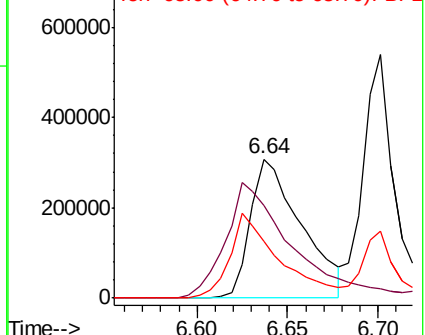
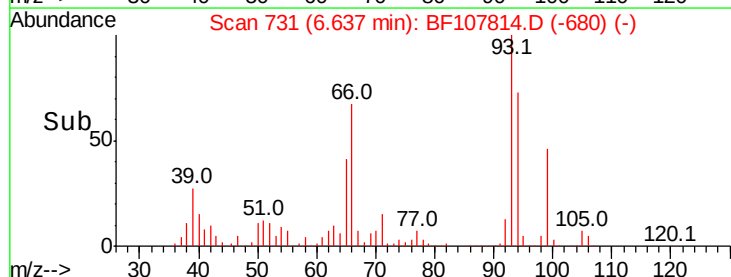
65 40.8 16.4 24.6#

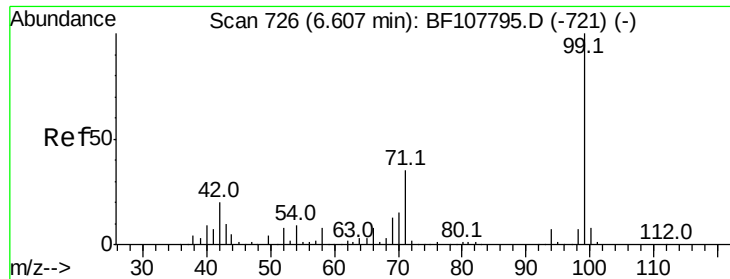


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 116.684 ng

RT: 6.61 min Scan# 727

Delta R.T. 0.01 min

Lab File: BF107814.D

Acq: 30 Jul 2018 21:40

Instrument :

BNA_F

ClientSampleId :

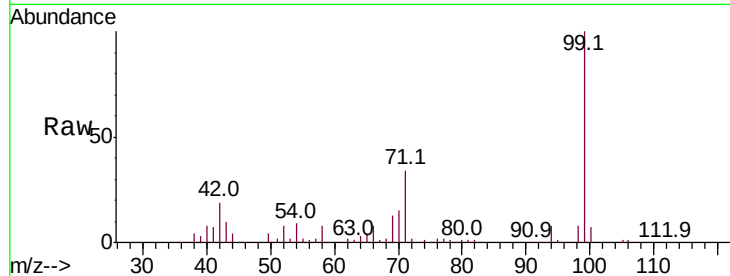
Tot Ion: 99 Resp: 1844901

Ion Ratio Lower Upper

99 100

42 19.1 14.5 21.7

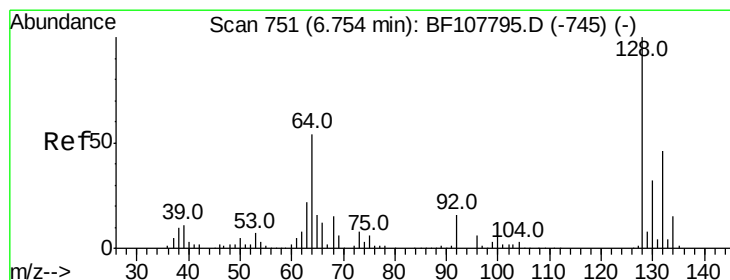
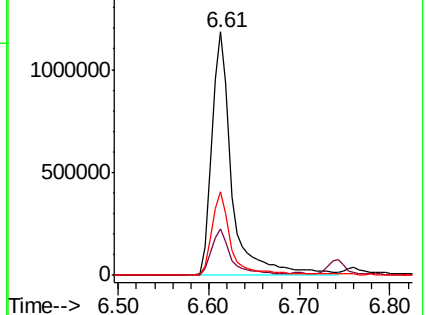
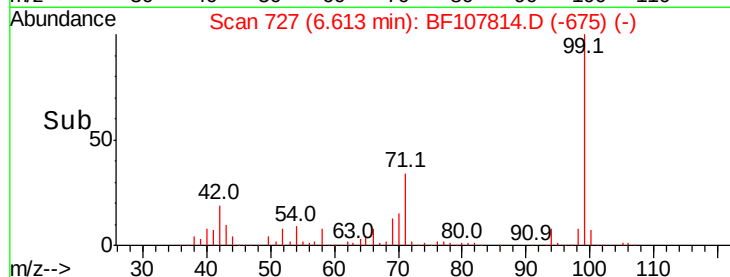
71 34.1 25.4 38.0



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: 42.899 ng

RT: 6.76 min Scan# 752

Delta R.T. 0.01 min

Lab File: BF107814.D

Acq: 30 Jul 2018 21:40

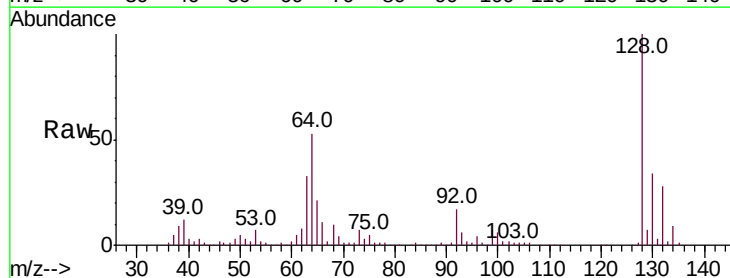
Tgt Ion: 128 Resp: 646467

Ion Ratio Lower Upper

128 100

130 33.6 13.0 53.0

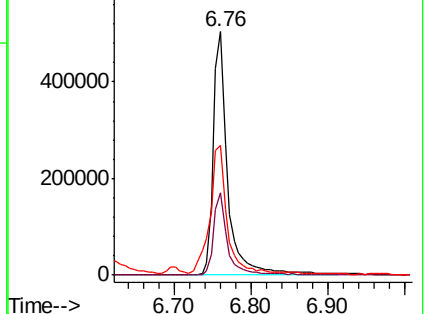
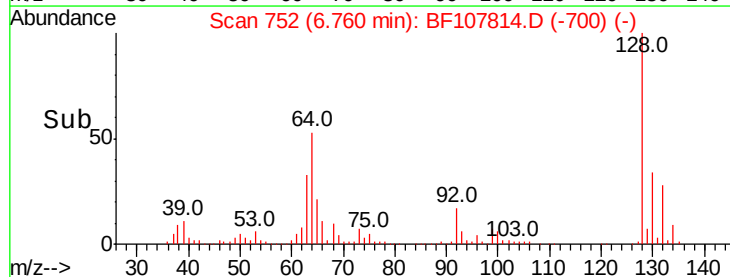
64 53.2 29.4 69.4

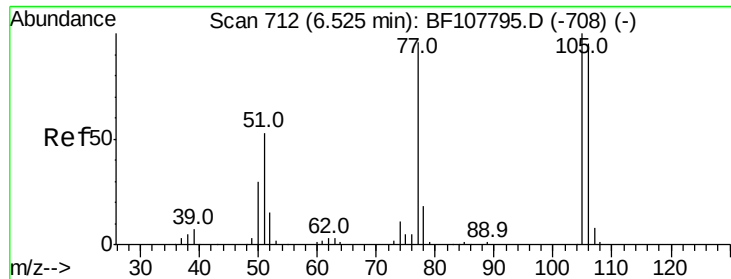


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 34.601 ng

RT: 6.52 min Scan# 711

Delta R.T. -0.01 min

Lab File: BF107814.D

Acq: 30 Jul 2018 21:40

Instrument :

BNA_F

ClientSampled :

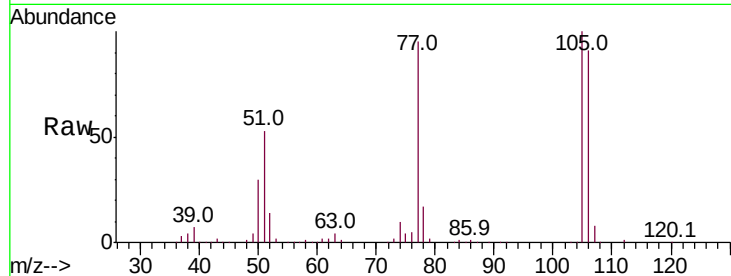
Tot Ion: 77 Resp: 330074

Ion Ratio Lower Upper

77 100

105 105.8 81.1 121.1

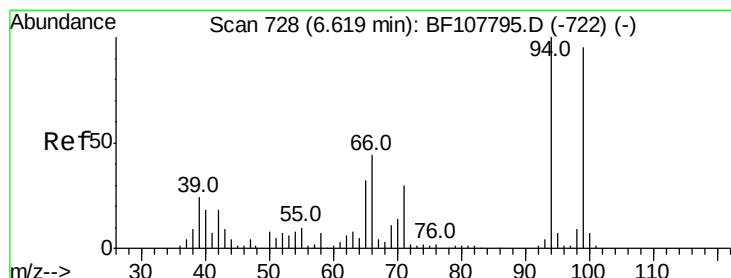
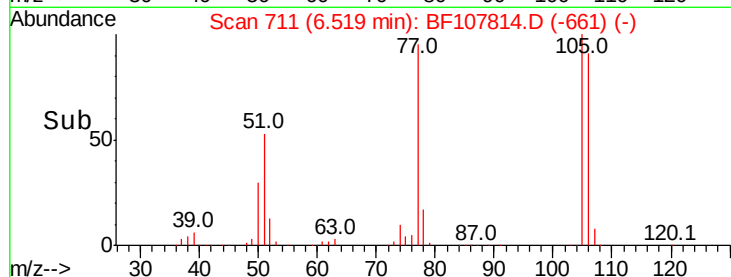
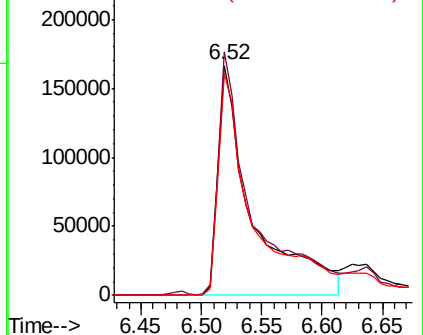
106 96.6 74.5 114.5



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 40.870 ng

RT: 6.62 min Scan# 729

Delta R.T. 0.01 min

Lab File: BF107814.D

Acq: 30 Jul 2018 21:40

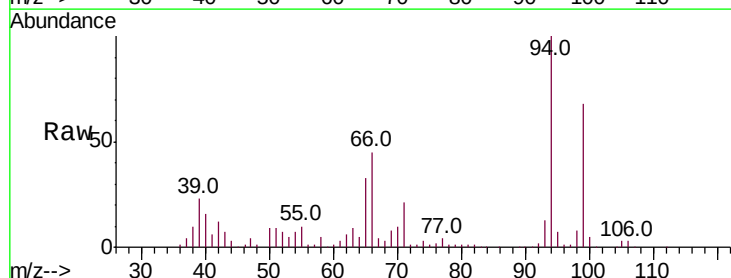
Tgt Ion: 94 Resp: 770610

Ion Ratio Lower Upper

94 100

65 33.2 7.9 47.9

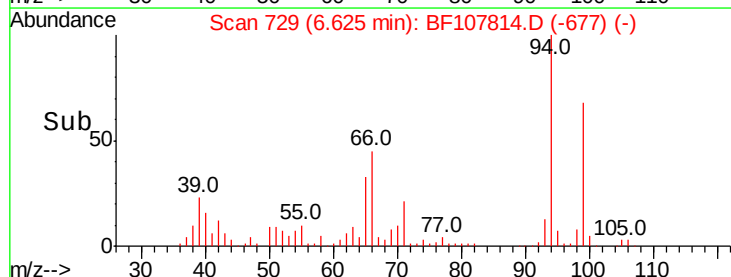
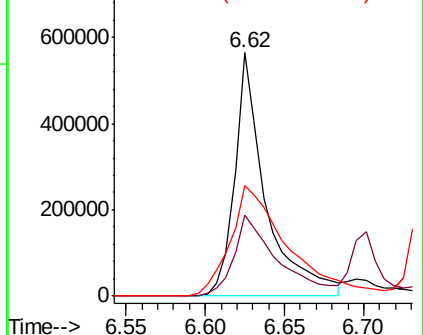
66 45.1 16.2 56.2

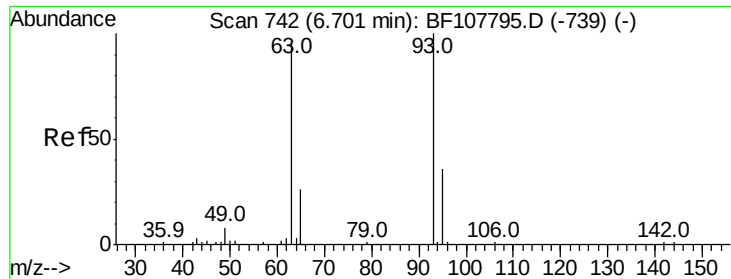


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 35.878 ng

RT: 6.70 min Scan# 742

Delta R.T. 0.00 min

Lab File: BF107814.D

Acq: 30 Jul 2018 21:40

Instrument :

BNA_F

ClientSampleId :

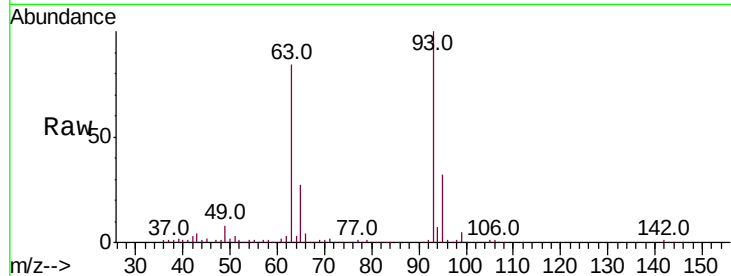
Tot Ion: 93 Resp: 601537

Ion Ratio Lower Upper

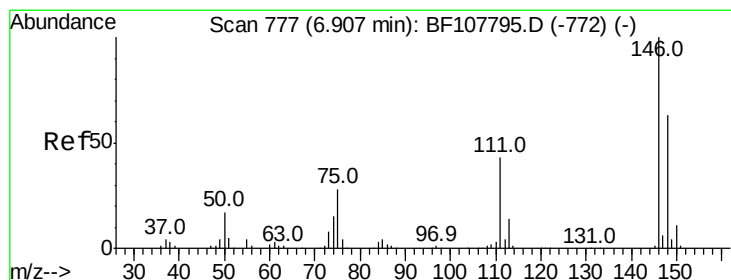
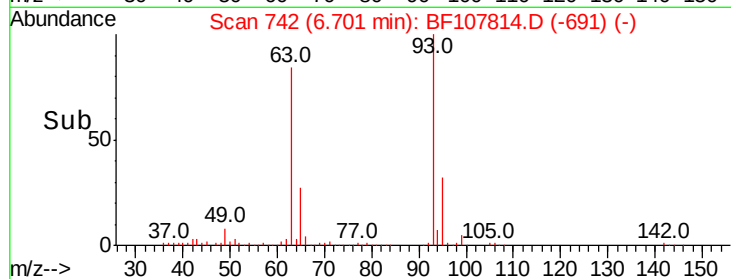
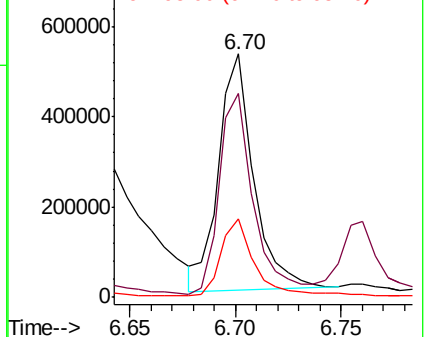
93 100

63 84.0 58.6 98.6

95 32.4 11.8 51.8



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



#12

1,3-Dichlorobenzene

Concen: 41.546 ng

RT: 6.90 min Scan# 776

Delta R.T. -0.01 min

Lab File: BF107814.D

Acq: 30 Jul 2018 21:40

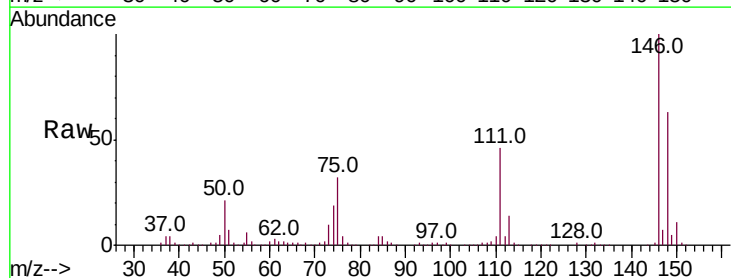
Tgt Ion: 146 Resp: 656652

Ion Ratio Lower Upper

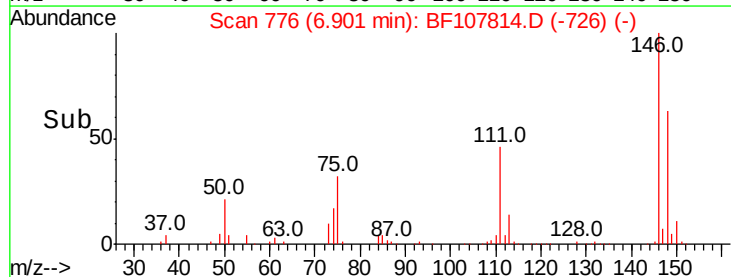
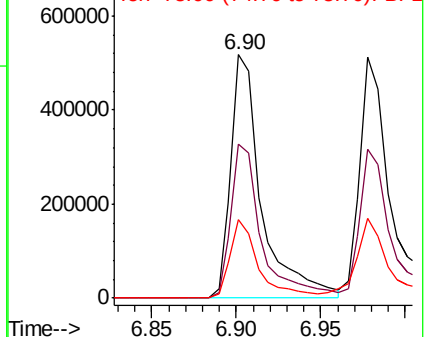
146 100

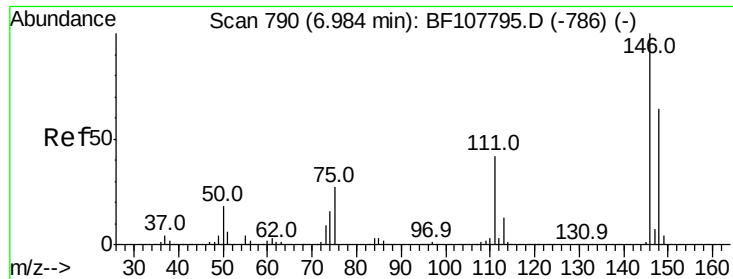
148 63.3 51.8 77.8

75 32.0 24.2 36.4



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

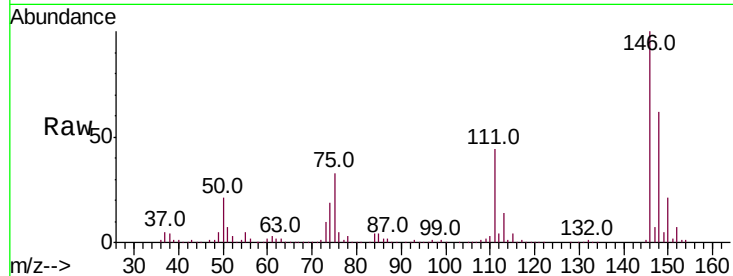




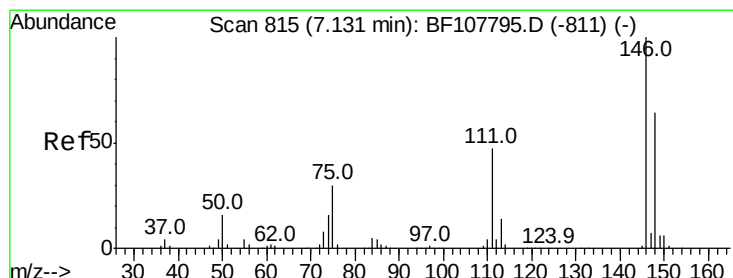
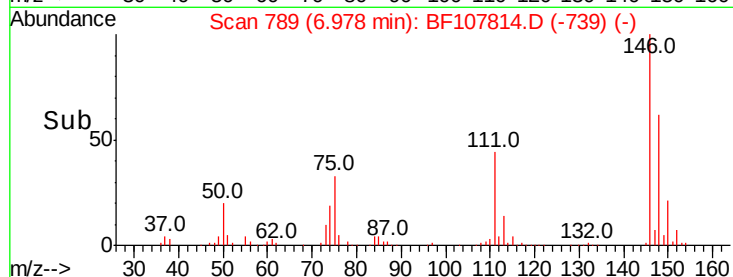
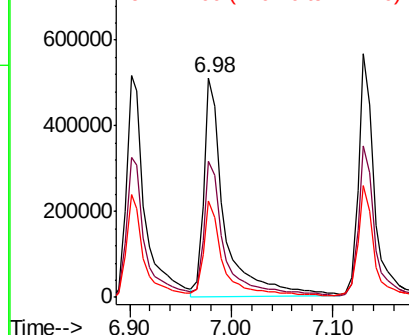
#13
 1,4-Dichlorobenzene
 Concen: 41.603 ng
 RT: 6.98 min Scan# 789
 Delta R.T. -0.01 min
 Lab File: BF107814.D
 Acq: 30 Jul 2018 21:40

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:146 Resp: 731966
 Ion Ratio Lower Upper
 146 100
 148 61.7 50.8 76.2
 111 44.0 34.2 51.2

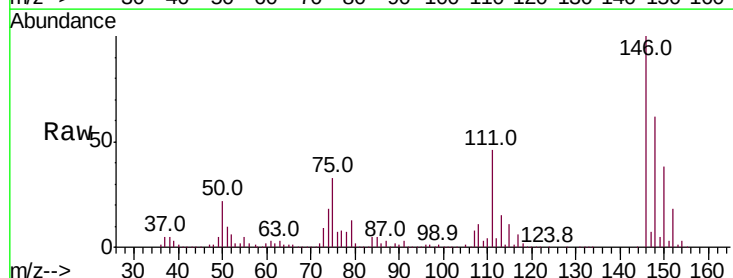


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

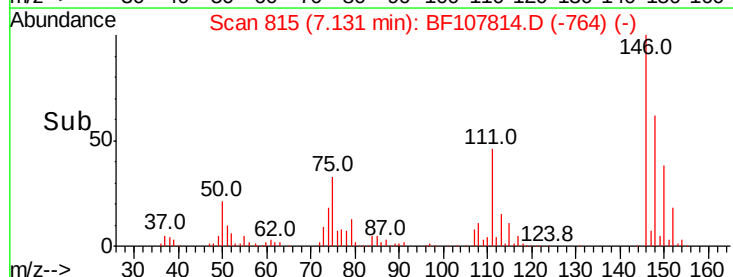
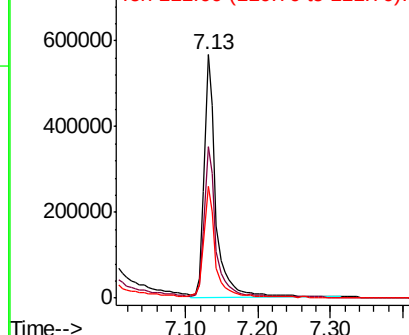


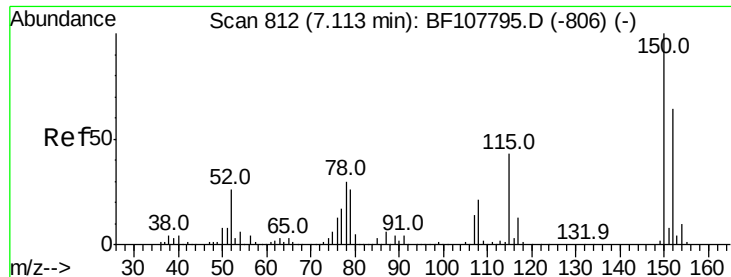
#14
 1,2-Dichlorobenzene
 Concen: 39.066 ng
 RT: 7.13 min Scan# 815
 Delta R.T. 0.00 min
 Lab File: BF107814.D
 Acq: 30 Jul 2018 21:40

Tgt Ion:146 Resp: 638031
 Ion Ratio Lower Upper
 146 100
 148 62.2 50.6 75.8
 111 45.8 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

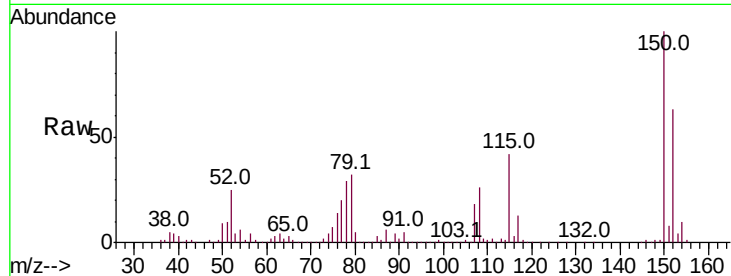




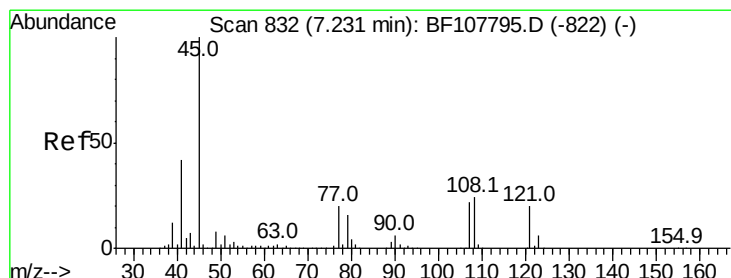
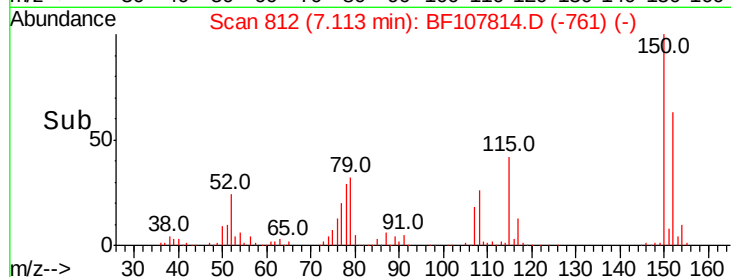
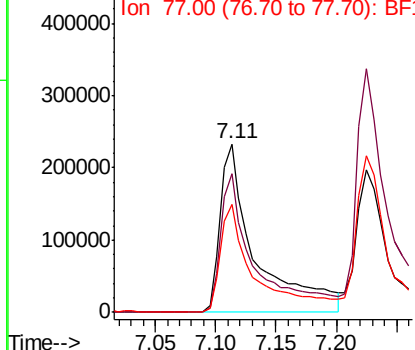
#15
Benzyl Alcohol
Concen: 47.926 ng
RT: 7.11 min Scan# 812
Delta R.T. 0.00 min
Lab File: BF107814.D
Acq: 30 Jul 2018 21:40

Instrument :
BNA_F
ClientSampled :

Tot Ion: 79 Resp: 470991
Ion Ratio Lower Upper
79 100
108 82.1 65.1 97.7
77 64.1 50.6 75.8

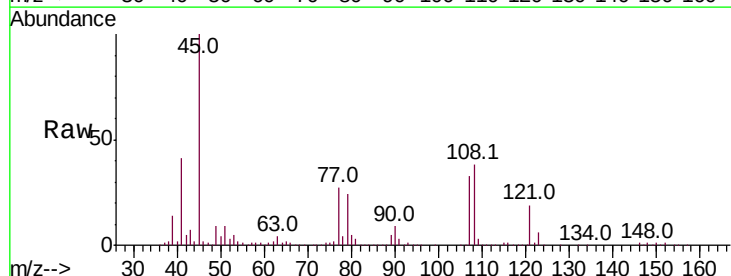


Abundance Ion 79.00 (78.70 to 79.70): BF1
Ion 108.00 (107.70 to 108.70): BF1
Ion 77.00 (76.70 to 77.70): BF1

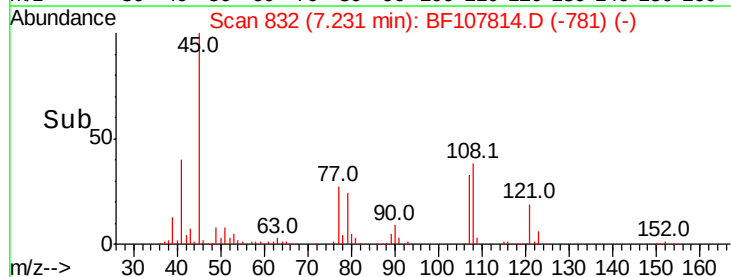
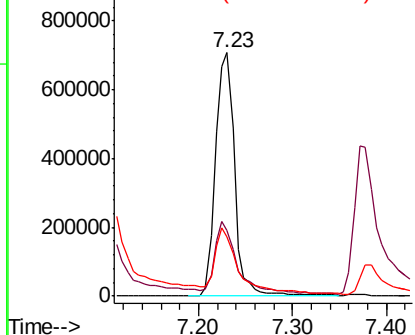


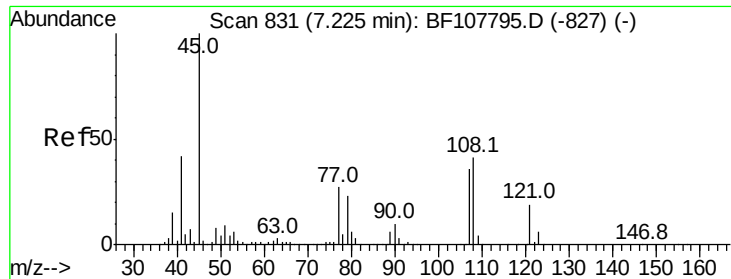
#16
2,2'-oxybis(1-chloropropane)
Concen: 42.250 ng
RT: 7.23 min Scan# 832
Delta R.T. 0.00 min
Lab File: BF107814.D
Acq: 30 Jul 2018 21:40

Tgt Ion: 45 Resp: 1018452
Ion Ratio Lower Upper
45 100
77 26.9 0.0 32.9
79 24.2 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

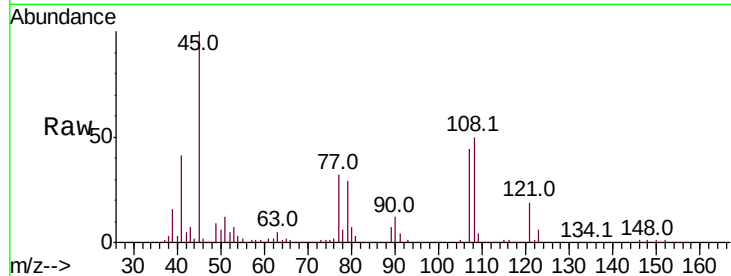




#17
2-Methylphenol
Concen: 48.143 ng
RT: 7.22 min Scan# 831
Delta R.T. 0.00 min
Lab File: BF107814.D
Acq: 30 Jul 2018 21:40

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
107	100		
108	113.4	91.7	137.5
77	72.7	33.8	50.8#
79	66.3	33.8	50.8#



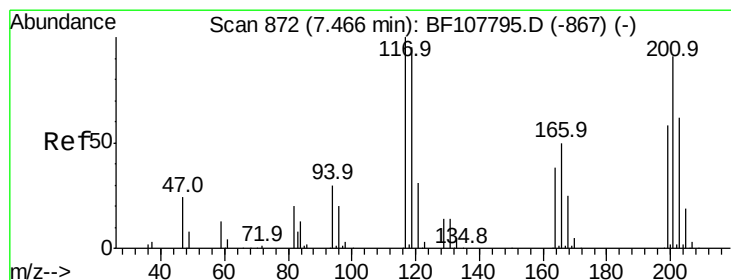
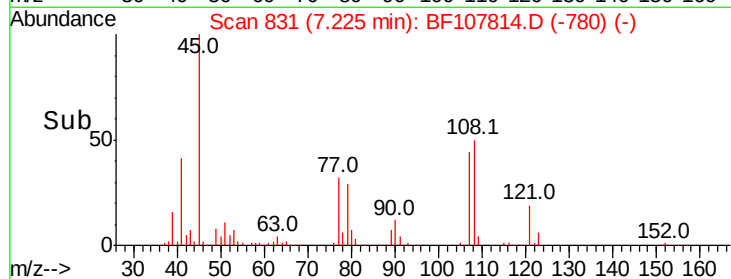
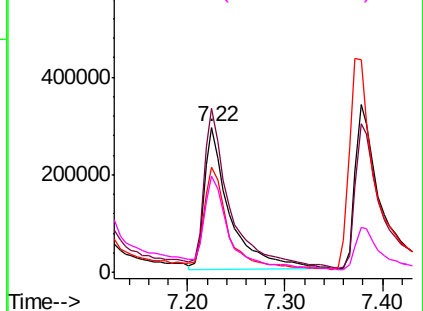
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

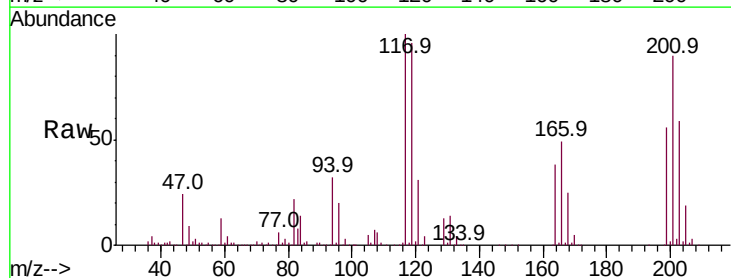
Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18
Hexachloroethane
Concen: 38.563 ng
RT: 7.47 min Scan# 872
Delta R.T. 0.00 min
Lab File: BF107814.D
Acq: 30 Jul 2018 21:40

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.5	75.8	113.8
201	90.2	75.7	113.5

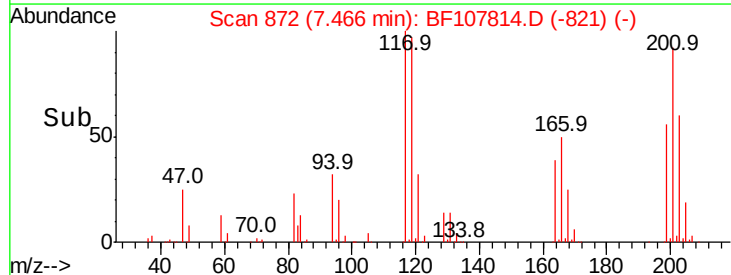
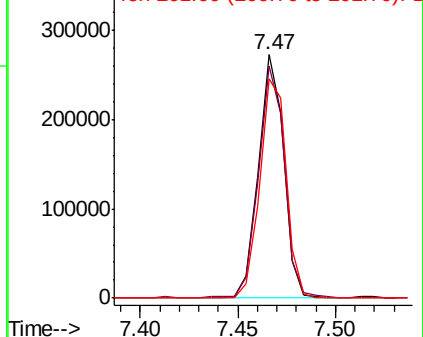


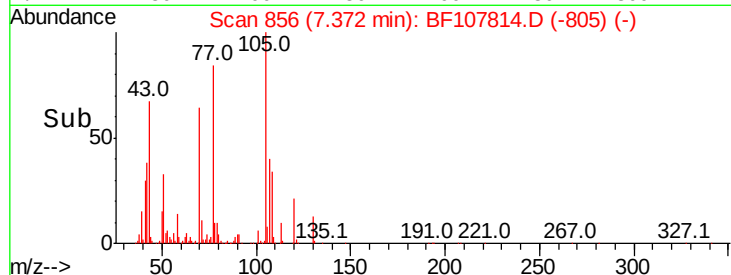
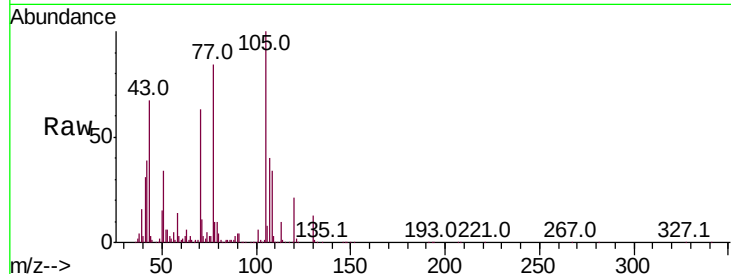
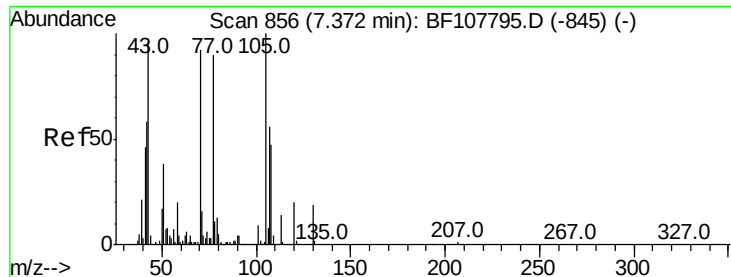
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

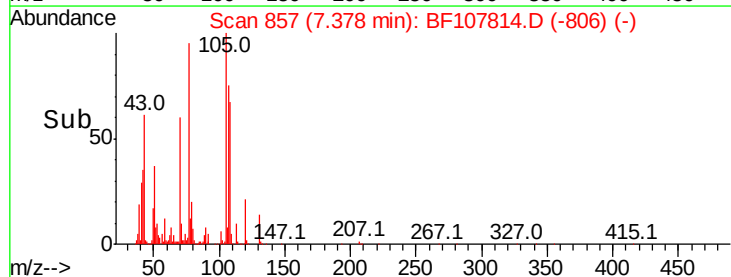
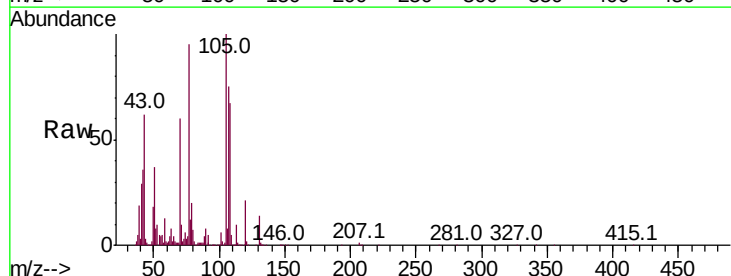
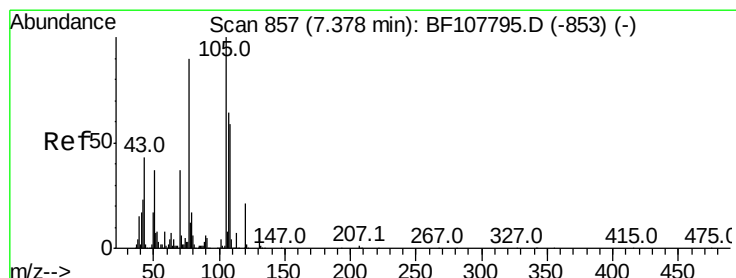
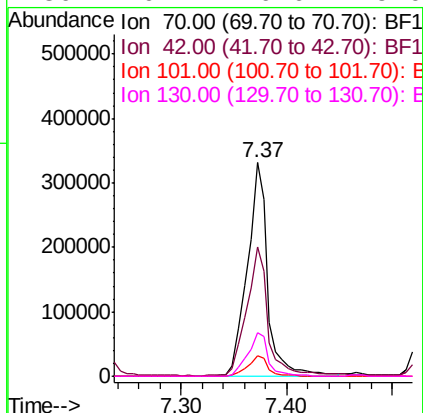




#19
n-Nitroso-di-n-propylamine
Concen: 44.739 ng
RT: 7.37 min Scan# 856
Delta R.T. 0.00 min
Lab File: BF107814.D
Acq: 30 Jul 2018 21:40

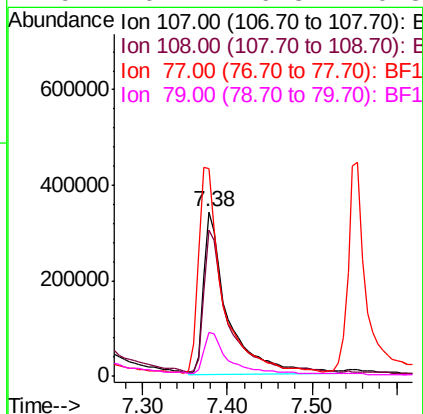
Instrument :
BNA_F
ClientSampleId :

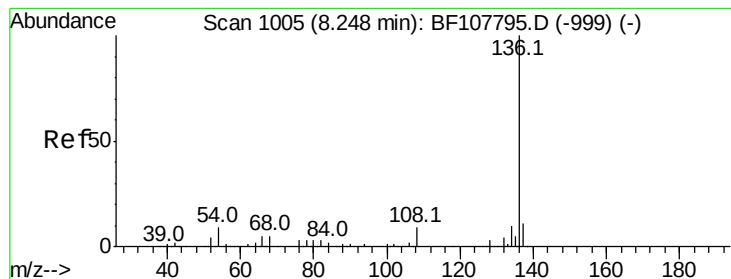
Tot Ion:	70	Resp:	448724
Ion	Ratio	Lower	Upper
70	100		
42	60.7	47.5	71.3
101	9.4	7.4	11.2
130	20.1	16.6	25.0



#20
3+4-Methylphenols
Concen: 50.084 ng
RT: 7.38 min Scan# 857
Delta R.T. 0.00 min
Lab File: BF107814.D
Acq: 30 Jul 2018 21:40

Tgt Ion:	107	Resp:	684046
Ion	Ratio	Lower	Upper
107	100		
108	88.9	68.2	108.2
77	126.4	26.7	66.7#
79	26.7	6.3	46.3





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.25 min Scan# 1005

Delta R.T. 0.00 min

Lab File: BF107814.D

Acq: 30 Jul 2018 21:40

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 830227

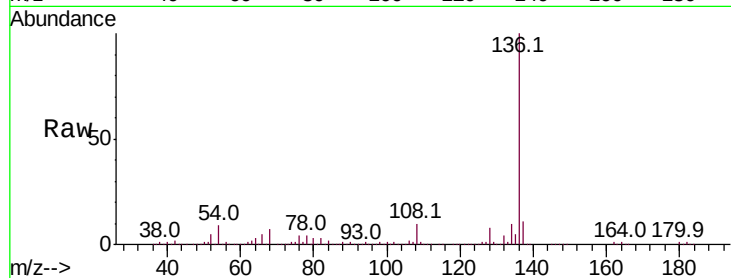
Ion Ratio Lower Upper

136 100

137 10.5 8.9 13.3

54 9.4 6.6 9.8

68 6.5 5.0 7.4

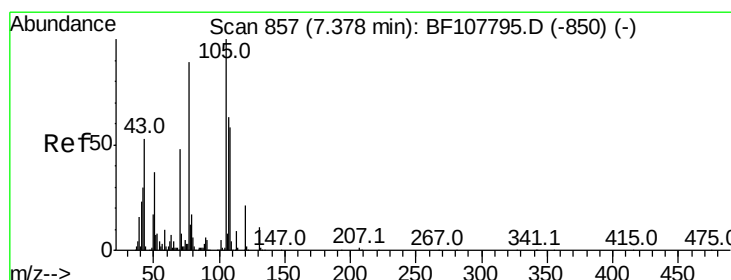
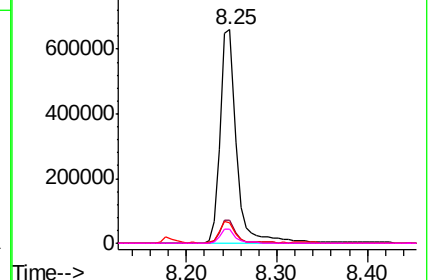
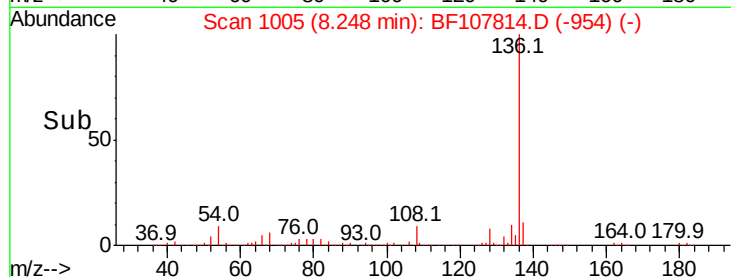


Abundance Ion 136.00 (135.70 to 136.70): E

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: 46.869 ng

RT: 7.37 min Scan# 856

Delta R.T. -0.01 min

Lab File: BF107814.D

Acq: 30 Jul 2018 21:40

Tgt Ion:105 Resp: 936172

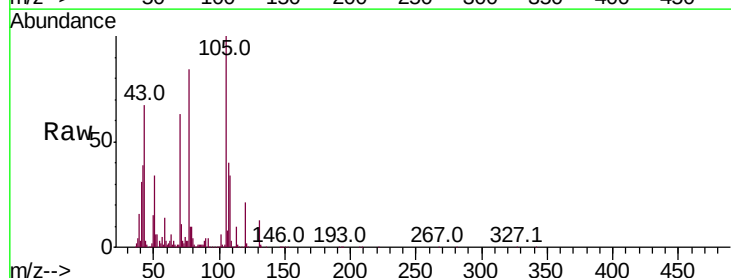
Ion Ratio Lower Upper

105 100

71 10.8 4.4 6.6#

51 33.6 22.3 33.5#

120 20.5 16.9 25.3

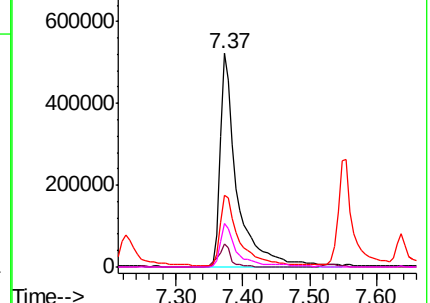
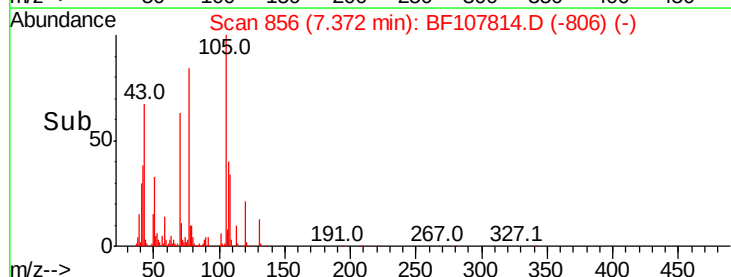


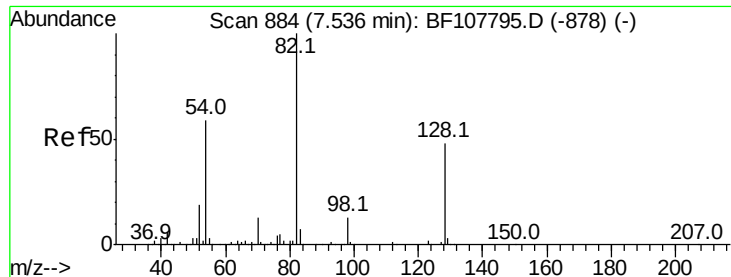
Abundance Ion 105.00 (104.70 to 105.70): E

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

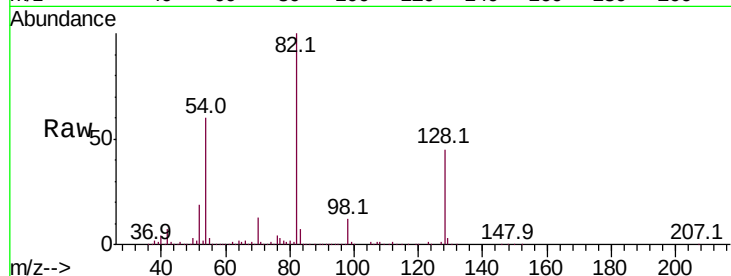




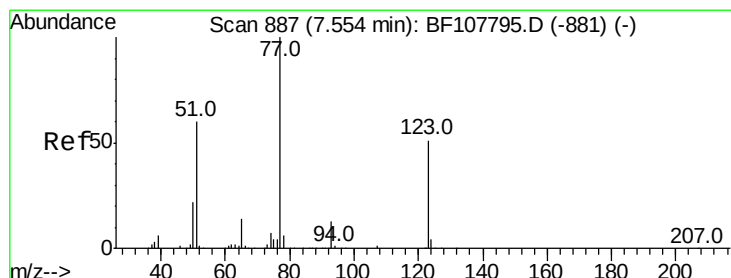
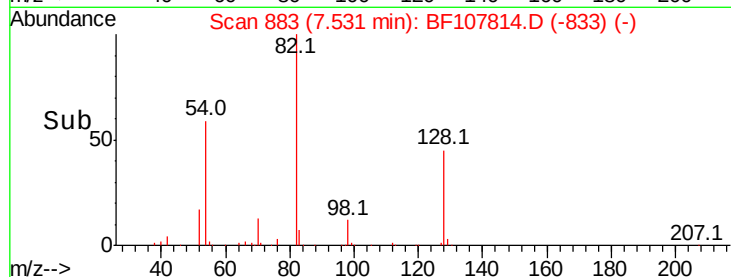
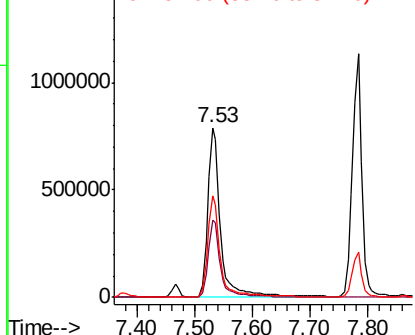
#23
Nitrobenzene-d5
Concen: 87.067 ng
RT: 7.53 min Scan# 883
Delta R.T. -0.01 min
Lab File: BF107814.D
Acq: 30 Jul 2018 21:40

Instrument :
BNA_F
ClientSampled :

Tot Ion: 82 Resp: 1254734
Ion Ratio Lower Upper
82 100
128 45.2 36.1 54.1
54 59.9 41.4 62.2

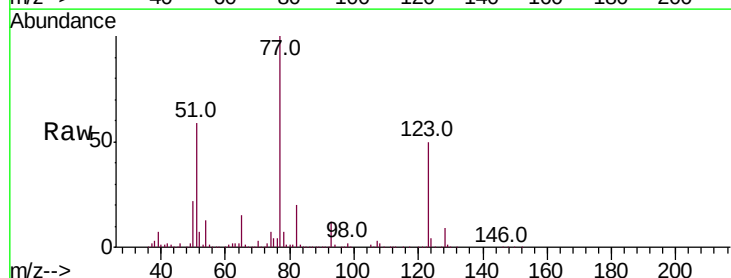


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

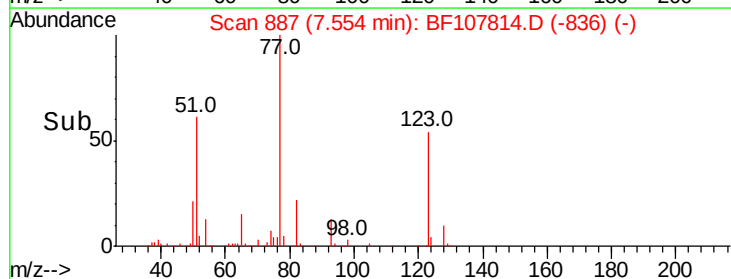
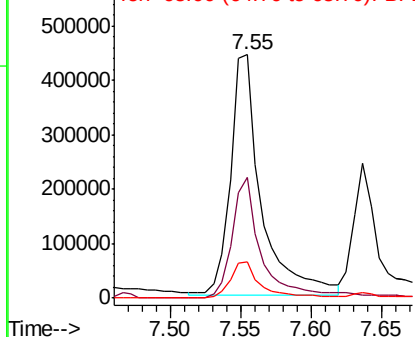


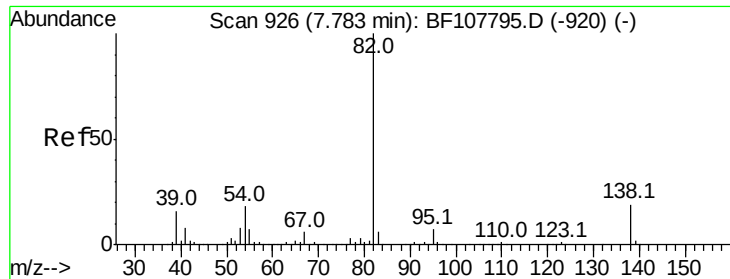
#24
Nitrobenzene
Concen: 44.757 ng
RT: 7.55 min Scan# 887
Delta R.T. 0.00 min
Lab File: BF107814.D
Acq: 30 Jul 2018 21:40

Tgt Ion: 77 Resp: 676324
Ion Ratio Lower Upper
77 100
123 49.6 37.9 56.9
65 14.8 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: 54.285 ng

RT: 7.78 min Scan# 926

Delta R.T. 0.00 min

Lab File: BF107814.D

Acq: 30 Jul 2018 21:40

Instrument :

BNA_F

ClientSampleId :

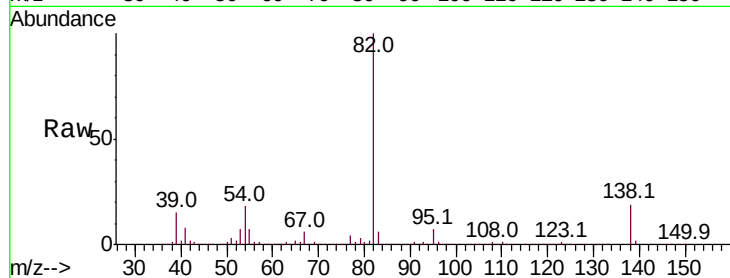
Tot Ion: 82 Resp: 1284151

Ion Ratio Lower Upper

82 100

95 6.8 5.2 7.8

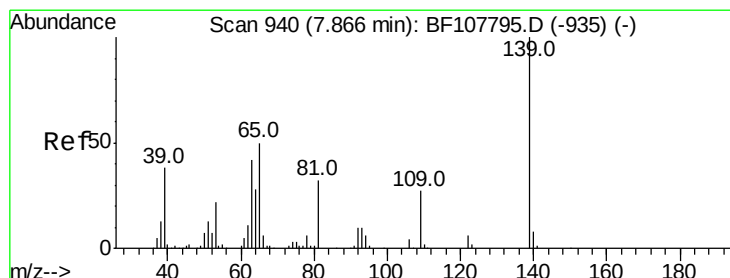
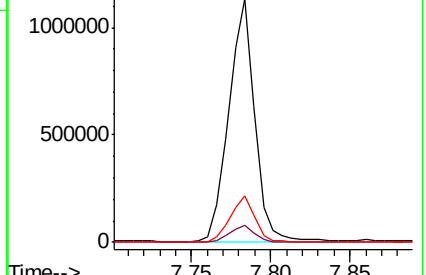
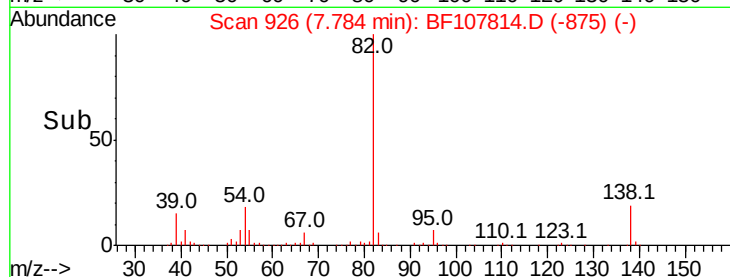
138 19.1 14.9 22.3



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: 49.962 ng

RT: 7.87 min Scan# 940

Delta R.T. 0.00 min

Lab File: BF107814.D

Acq: 30 Jul 2018 21:40

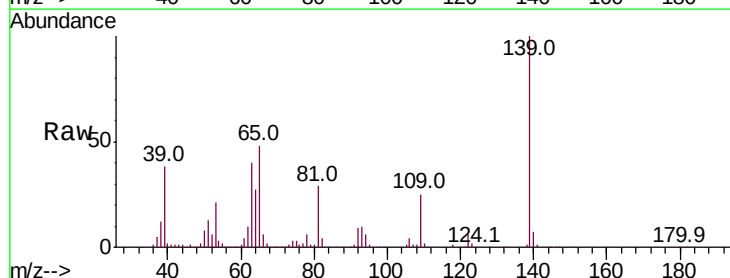
Tgt Ion: 139 Resp: 378901

Ion Ratio Lower Upper

139 100

109 25.1 22.7 34.1

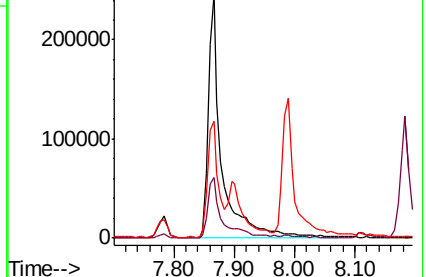
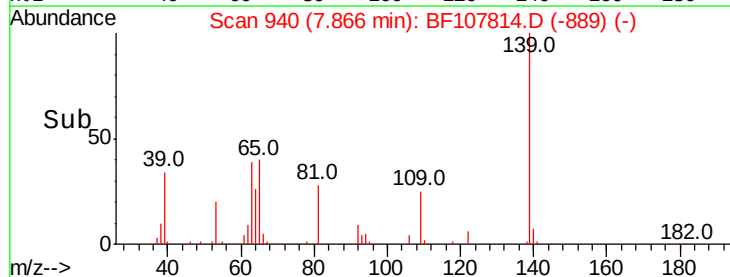
65 48.3 40.5 60.7

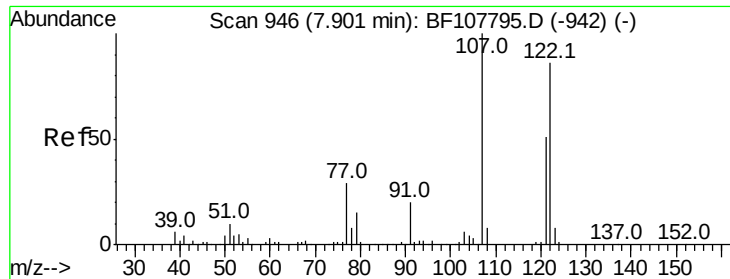


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1

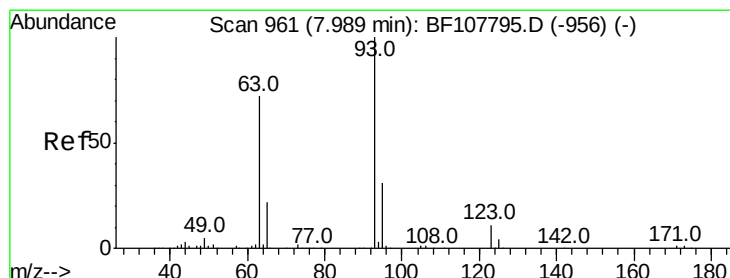
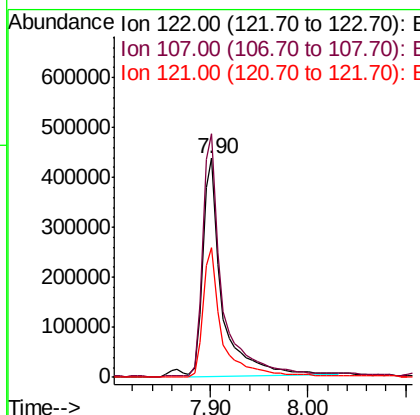
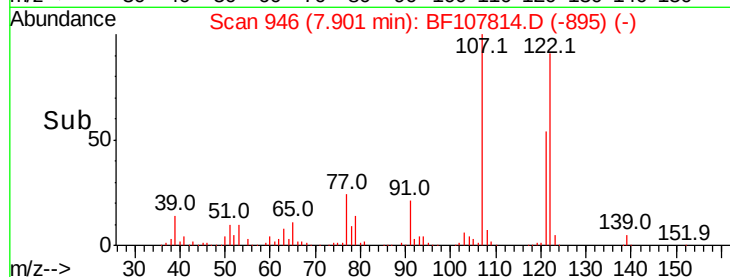
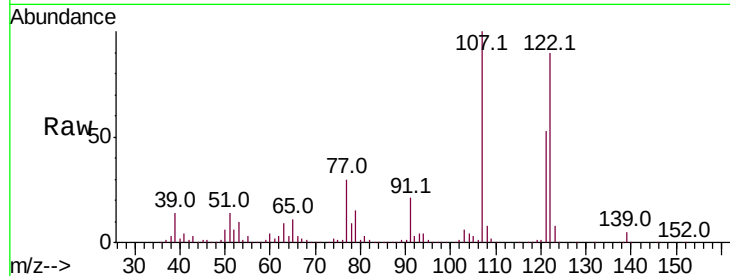




#27
2,4-Dimethylphenol
Concen: 58.176 ng
RT: 7.90 min Scan# 946
Delta R.T. 0.00 min
Lab File: BF107814.D
Acq: 30 Jul 2018 21:40

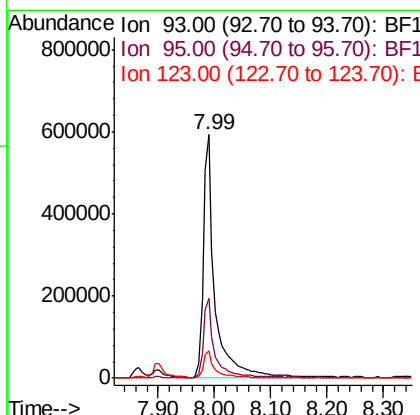
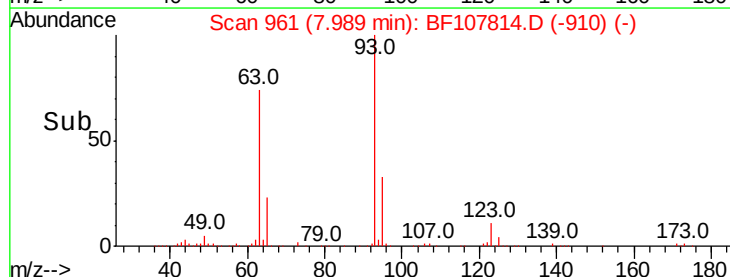
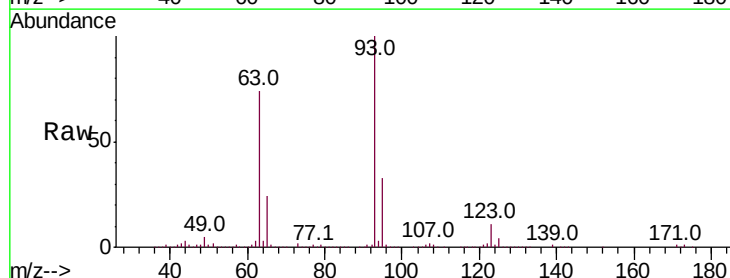
Instrument :
BNA_F
ClientSampleId :

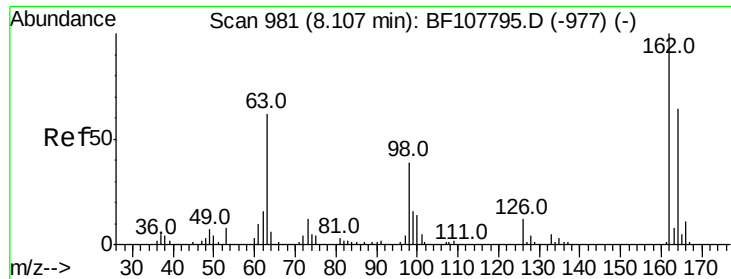
Tot Ion:122 Resp: 590679
Ion Ratio Lower Upper
122 100
107 111.2 91.2 136.8
121 59.1 47.2 70.8



#28
bis(2-Chloroethoxy)methane
Concen: 54.370 ng
RT: 7.99 min Scan# 961
Delta R.T. 0.00 min
Lab File: BF107814.D
Acq: 30 Jul 2018 21:40

Tgt Ion: 93 Resp: 847596
Ion Ratio Lower Upper
93 100
95 32.9 26.3 39.5
123 11.2 9.8 14.6

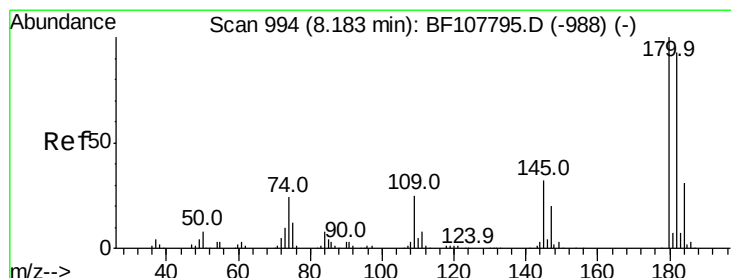
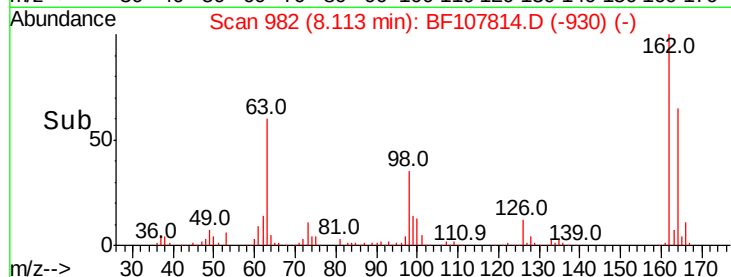
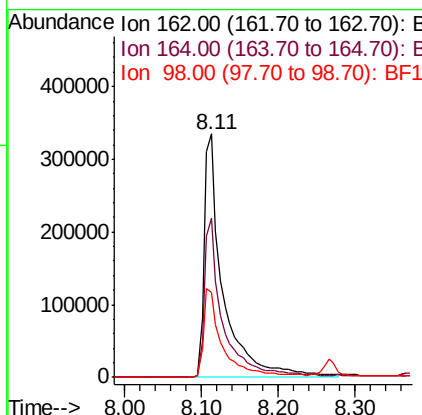
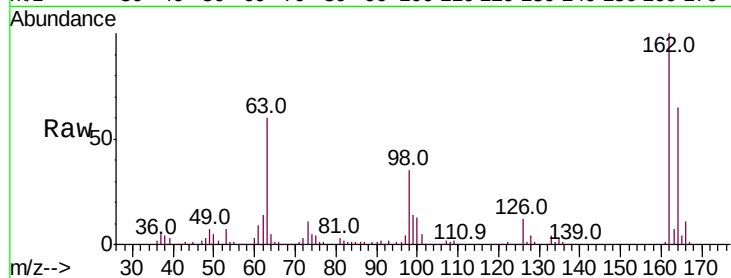




#29
 2,4-Dichlorophenol
 Concen: 49.608 ng
 RT: 8.11 min Scan# 982
 Delta R.T. 0.01 min
 Lab File: BF107814.D
 Acq: 30 Jul 2018 21:40

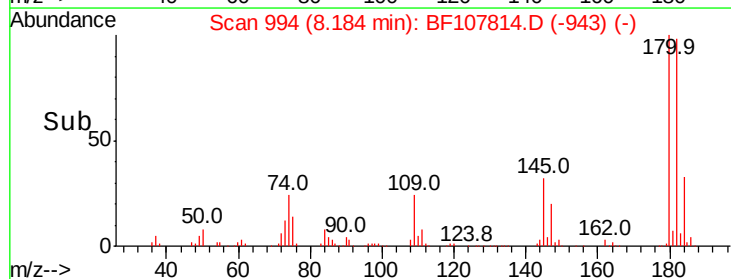
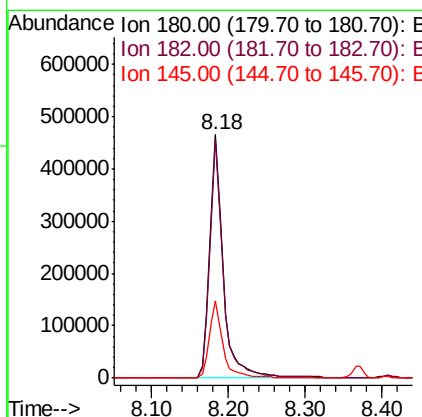
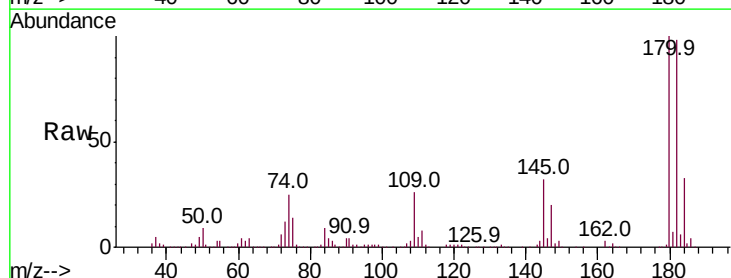
Instrument :
 BNA_F
 ClientSampleId :

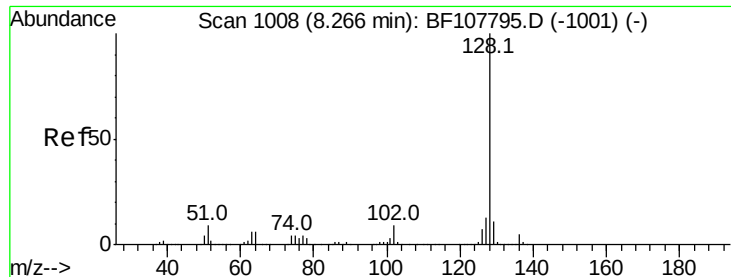
Tot Ion:	162	Resp:	569732
Ion	Ratio	Lower	Upper
162	100		
164	65.3	42.7	82.7
98	35.1	18.1	58.1



#30
 1,2,4-Trichlorobenzene
 Concen: 43.626 ng
 RT: 8.18 min Scan# 994
 Delta R.T. 0.00 min
 Lab File: BF107814.D
 Acq: 30 Jul 2018 21:40

Tgt Ion:	180	Resp:	571590
Ion	Ratio	Lower	Upper
180	100		
182	97.7	76.8	115.2
145	31.6	26.5	39.7

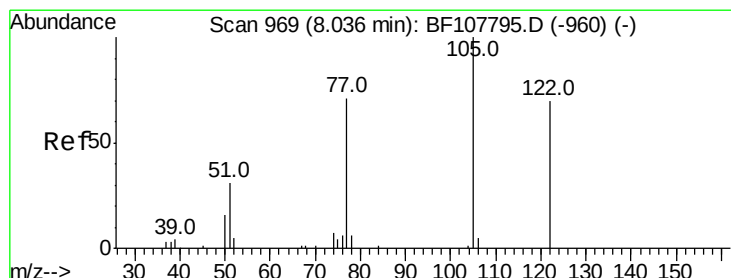
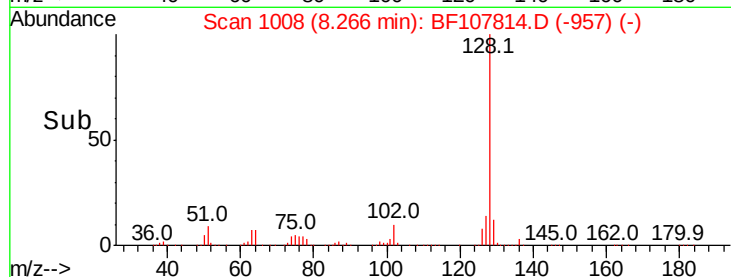
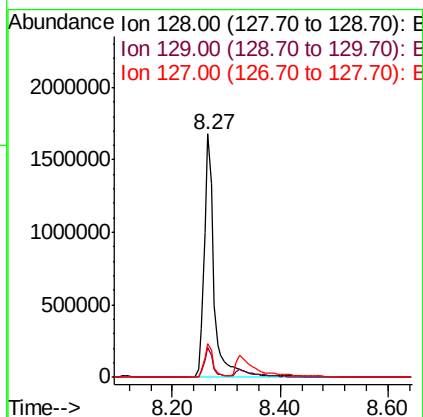
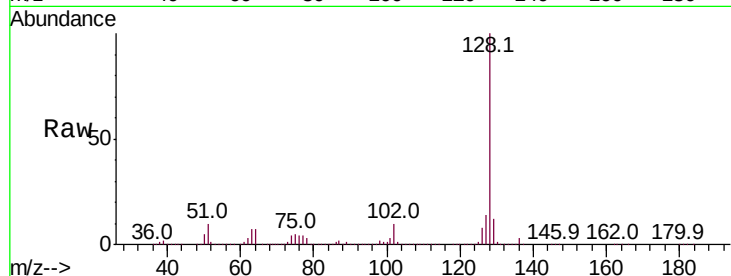




#31
Naphthalene
Concen: 55.880 ng
RT: 8.27 min Scan# 1008
Delta R.T. 0.00 min
Lab File: BF107814.D
Acq: 30 Jul 2018 21:40

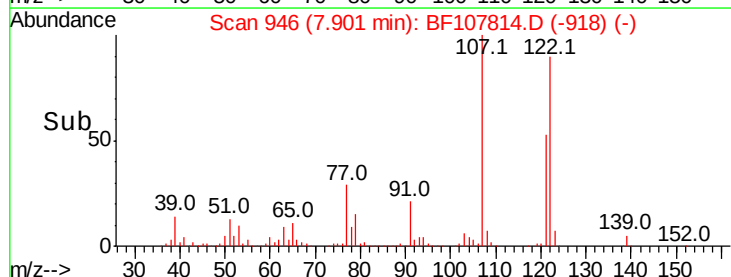
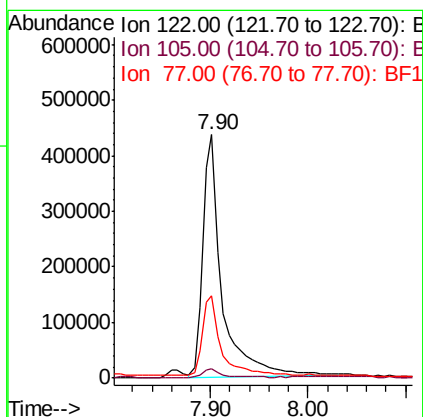
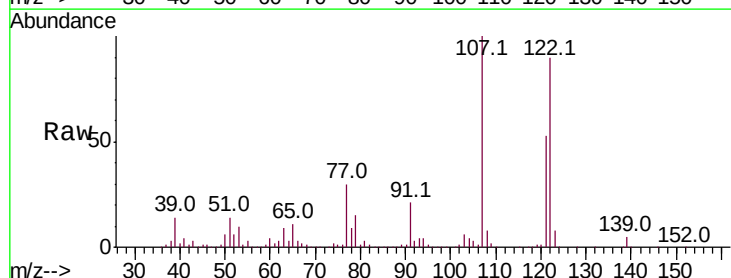
Instrument :
BNA_F
ClientSampleId :

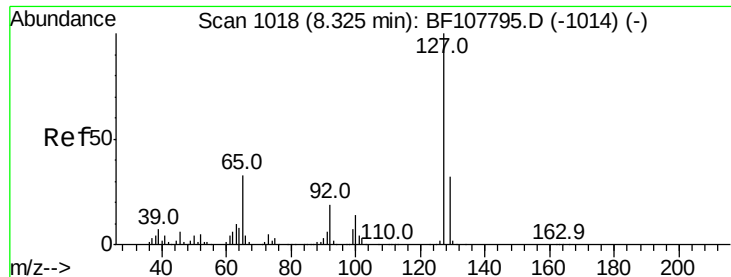
Tot Ion:128 Resp: 2156545
Ion Ratio Lower Upper
128 100
129 12.0 8.8 13.2
127 14.0 10.9 16.3



#32
Benzoic acid
Concen: 84.763 ng
RT: 7.90 min Scan# 946
Delta R.T. -0.13 min
Lab File: BF107814.D
Acq: 30 Jul 2018 21:40

Tgt Ion:122 Resp: 590679
Ion Ratio Lower Upper
122 100
105 3.9 101.1 141.1#
77 33.9 70.7 110.7#

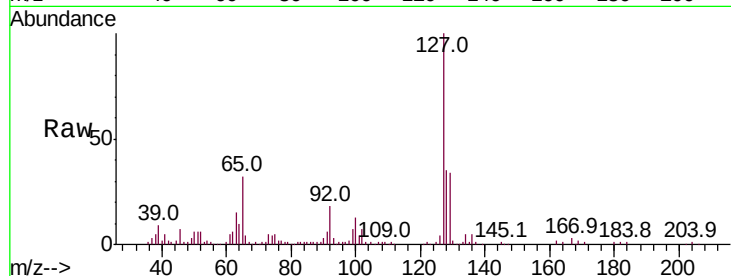




#33
4-Chloroaniline
Concen: 23.886 ng
RT: 8.32 min Scan# 1018
Delta R.T. 0.00 min
Lab File: BF107814.D
Acq: 30 Jul 2018 21:40

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	393740
Ion	Ratio	Lower	Upper
127	100		
129	34.5	25.9	38.9
65	32.1	25.0	37.4
92	17.9	15.2	22.8



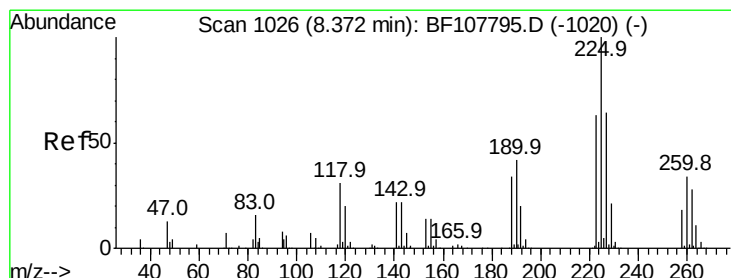
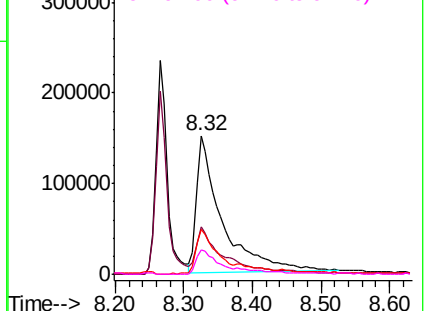
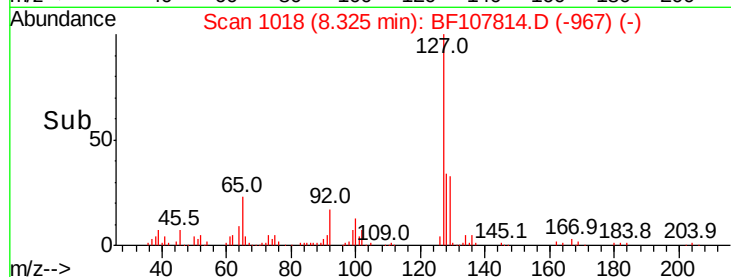
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

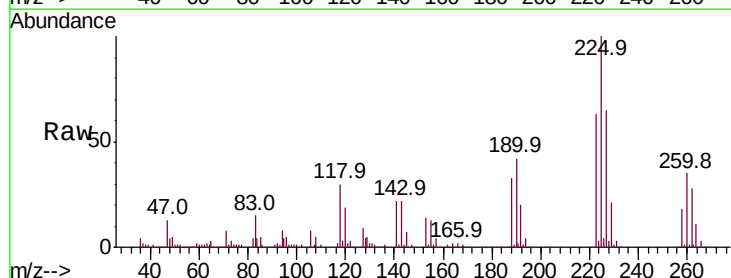
Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1



#34
Hexachlorobutadiene
Concen: 39.745 ng
RT: 8.37 min Scan# 1026
Delta R.T. 0.00 min
Lab File: BF107814.D
Acq: 30 Jul 2018 21:40

Tgt Ion:	225	Resp:	321794
Ion	Ratio	Lower	Upper
225	100		
223	63.5	50.6	76.0
227	64.8	51.9	77.9

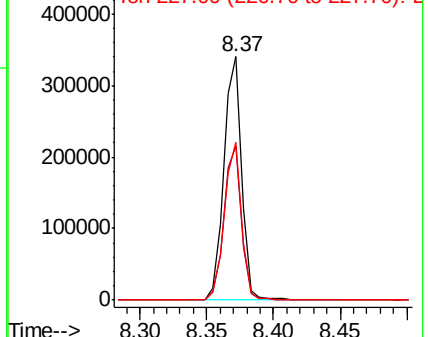
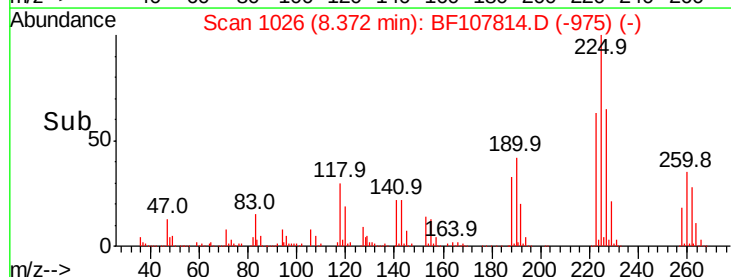


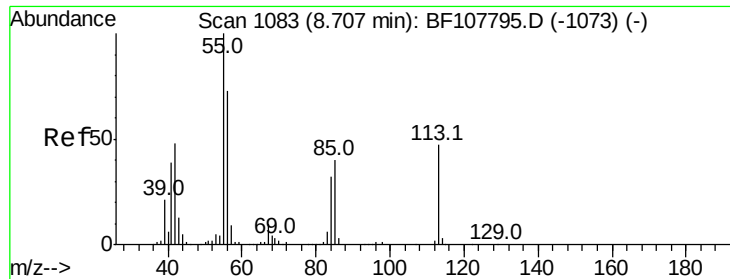
Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

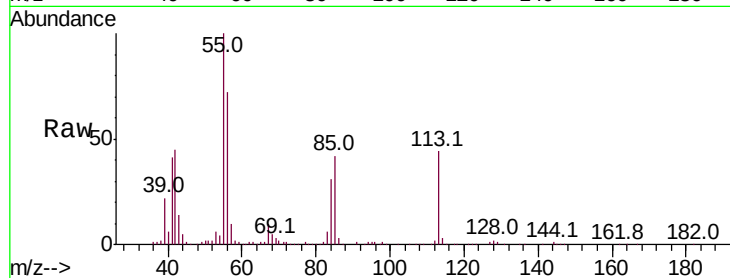




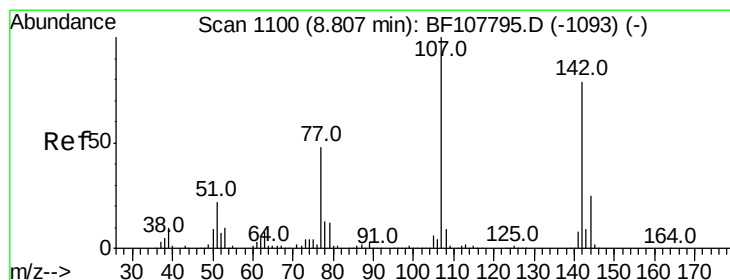
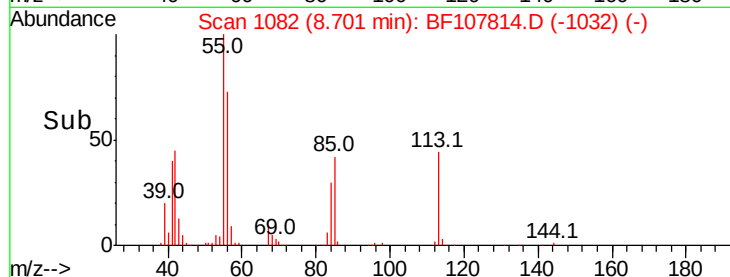
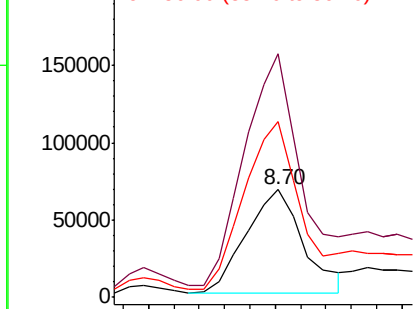
#35
 Caprolactam
 Concen: 30.213 ng
 RT: 8.70 min Scan# 1082
 Delta R.T. -0.01 min
 Lab File: BF107814.D
 Acq: 30 Jul 2018 21:40

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:113 Resp: 104459
 Ion Ratio Lower Upper
 113 100
 55 226.6 163.3 203.3#
 56 164.2 115.7 155.7#

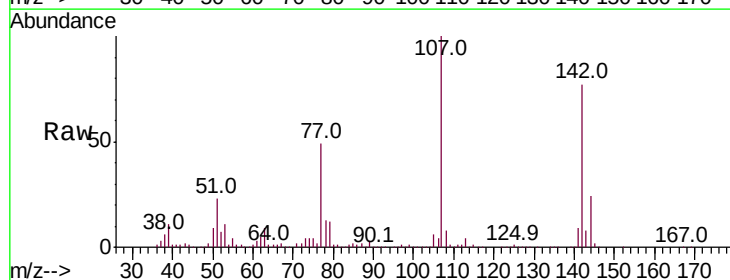


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1

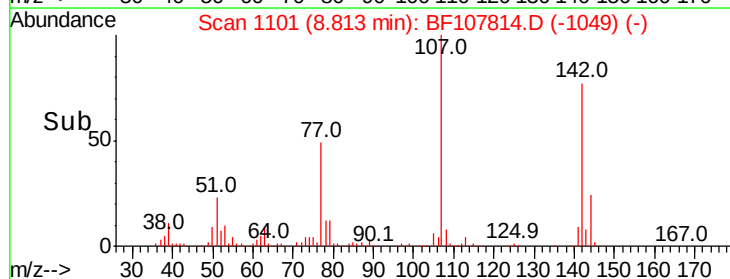
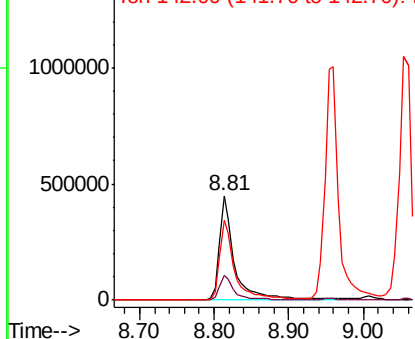


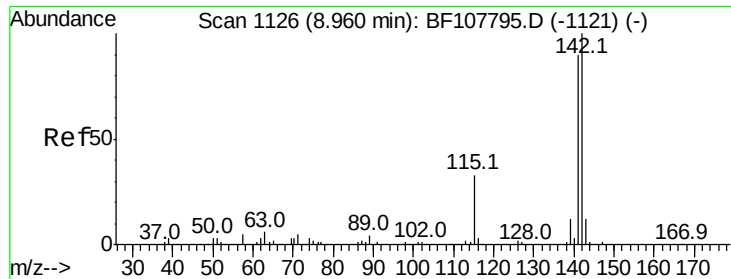
#36
 4-Chloro-3-methylphenol
 Concen: 50.171 ng
 RT: 8.81 min Scan# 1101
 Delta R.T. 0.01 min
 Lab File: BF107814.D
 Acq: 30 Jul 2018 21:40

Tgt Ion:107 Resp: 625781
 Ion Ratio Lower Upper
 107 100
 144 23.8 20.5 30.7
 142 76.6 62.0 93.0



Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E

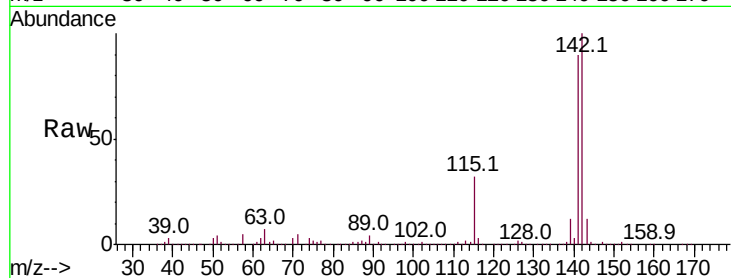




#37
 2-Methylnaphthalene
 Concen: 53.575 ng
 RT: 8.96 min Scan# 1126
 Delta R.T. 0.00 min
 Lab File: BF107814.D
 Acq: 30 Jul 2018 21:40

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.5	70.8	106.2
115	31.8	26.1	39.1

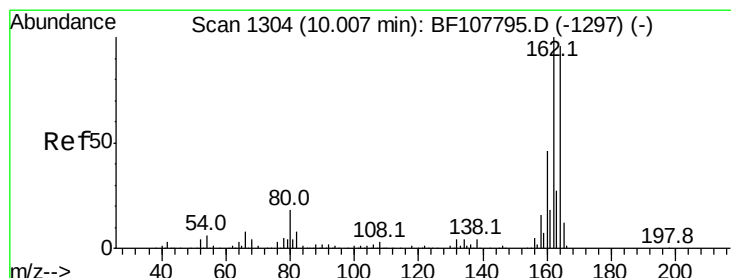
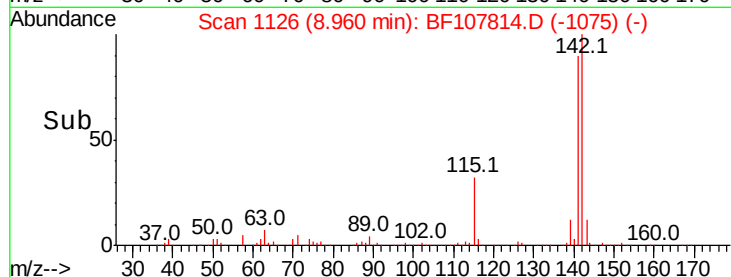
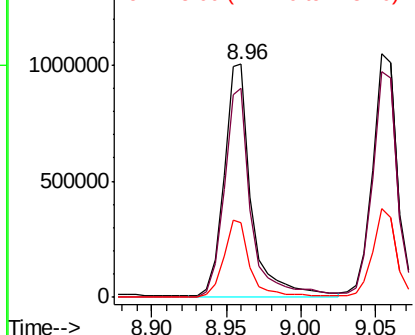


Abundance

Ion 142.00 (141.70 to 142.70): E

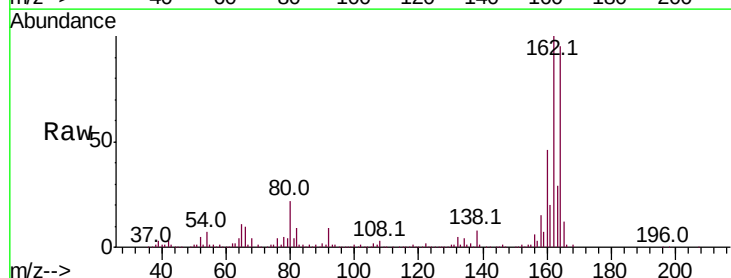
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.01 min Scan# 1304
 Delta R.T. 0.00 min
 Lab File: BF107814.D
 Acq: 30 Jul 2018 21:40

Tgt Ion	Ratio	Lower	Upper
164	100		
162	105.5	86.1	129.1
160	48.6	38.3	57.5

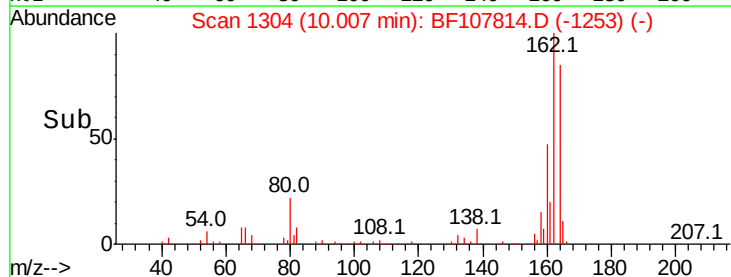
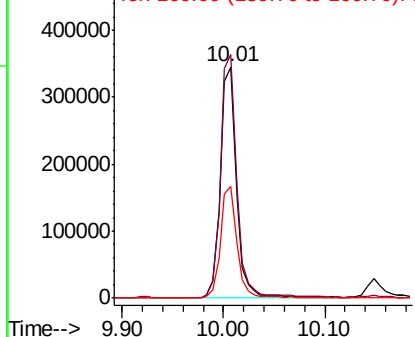


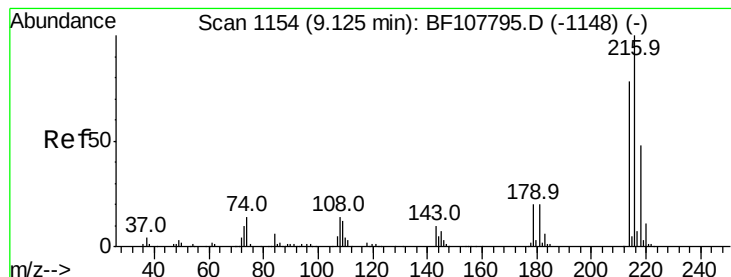
Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 45.705 ng

RT: 9.12 min Scan# 1153

Delta R.T. -0.01 min

Lab File: BF107814.D

Acq: 30 Jul 2018 21:40

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216 Resp: 597960

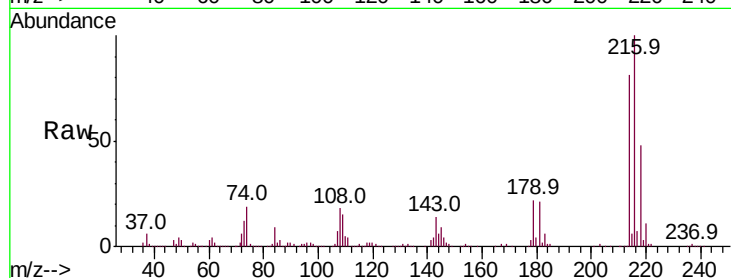
Ion Ratio Lower Upper

216 100

214 79.4 63.0 94.4

179 20.9 18.1 27.1

108 17.7 17.2 25.8

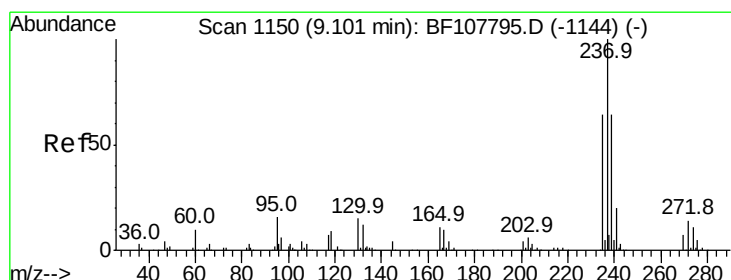
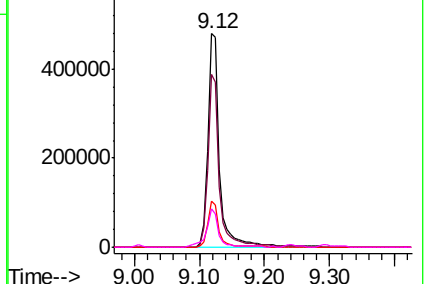
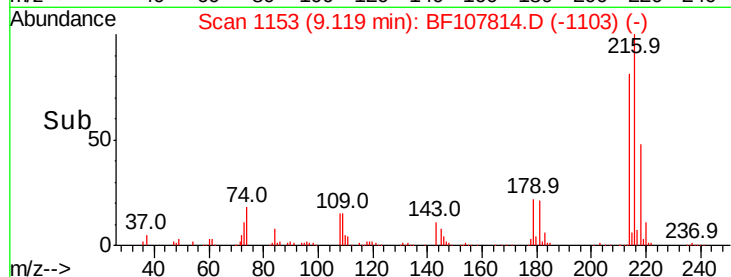


Abundance Ion 216.00 (215.70 to 216.70): E

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: 52.059 ng

RT: 9.10 min Scan# 1150

Delta R.T. 0.00 min

Lab File: BF107814.D

Acq: 30 Jul 2018 21:40

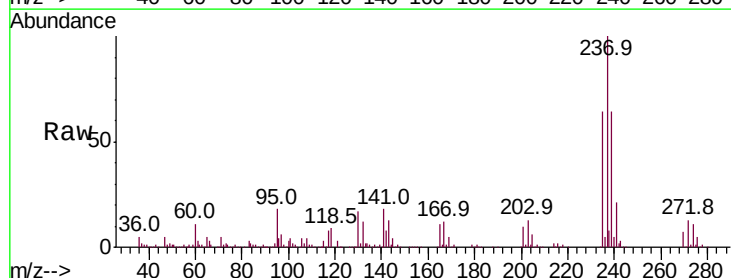
Tgt Ion:237 Resp: 277110

Ion Ratio Lower Upper

237 100

235 63.8 44.8 84.8

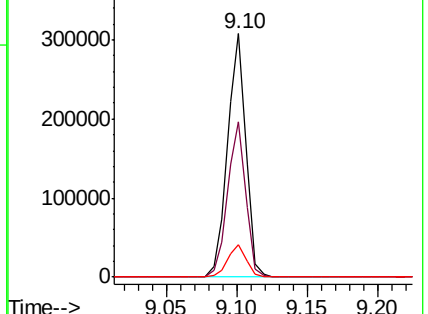
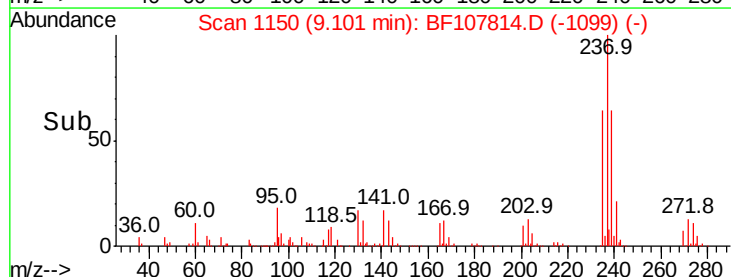
272 13.5 0.0 33.3

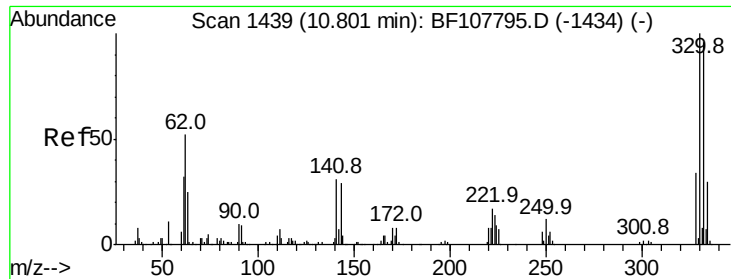


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





#41

2,4,6-Tribromophenol

Concen: 114.965 ng

RT: 10.81 min Scan# 1440

Delta R.T. 0.01 min

Lab File: BF107814.D

Acq: 30 Jul 2018 21:40

Instrument :

BNA_F

ClientSampleId :

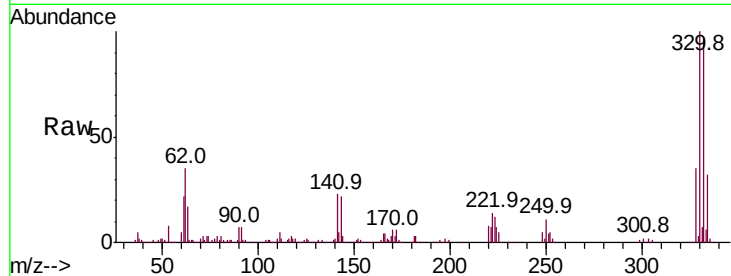
Tot Ion:330 Resp: 599429

Ion Ratio Lower Upper

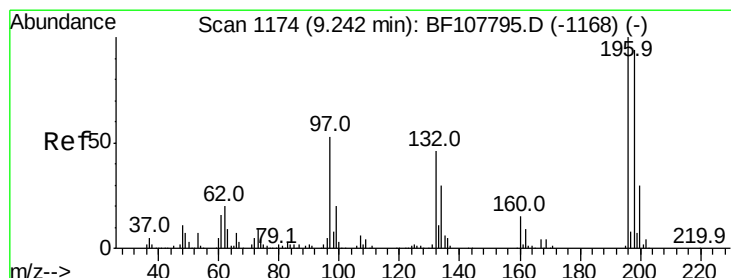
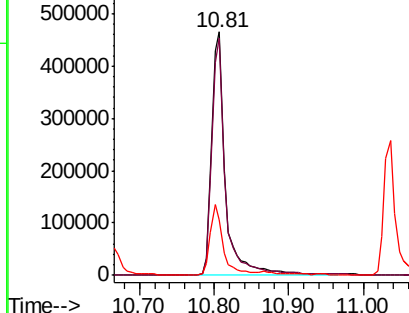
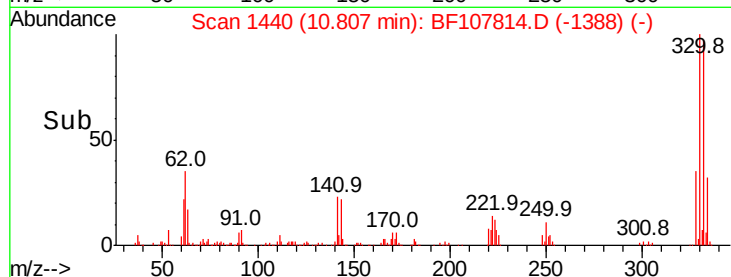
330 100

332 97.0 77.0 115.6

141 26.7 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: 53.414 ng

RT: 9.24 min Scan# 1174

Delta R.T. 0.00 min

Lab File: BF107814.D

Acq: 30 Jul 2018 21:40

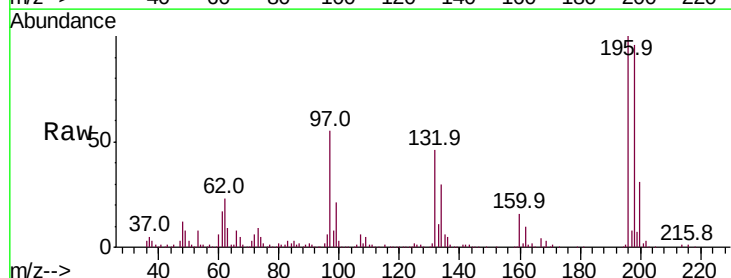
Tgt Ion:196 Resp: 386326

Ion Ratio Lower Upper

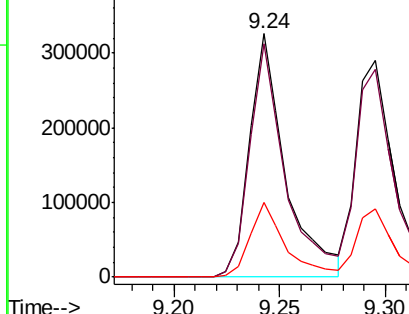
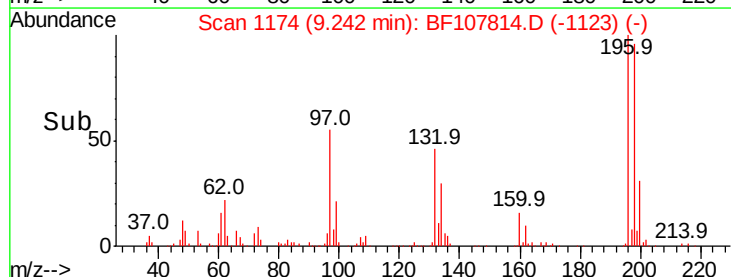
196 100

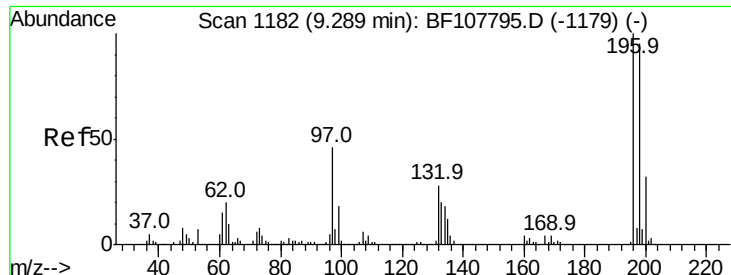
198 95.8 75.7 113.5

200 30.5 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

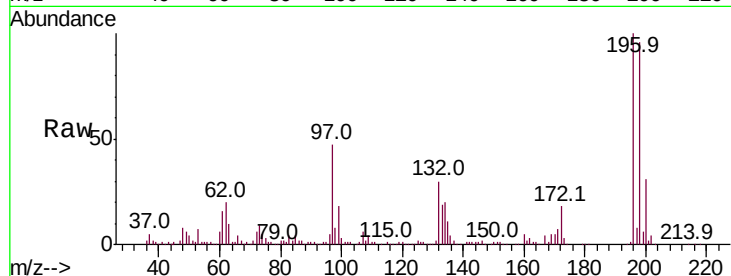




#43
2,4,5-Trichlorophenol
Concen: 48.311 ng
RT: 9.30 min Scan# 1183
Delta R.T. 0.01 min
Lab File: BF107814.D
Acq: 30 Jul 2018 21:40

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
196	100		
198	96.2	74.6	112.0
97	47.2	42.9	64.3
132	30.4	26.3	39.5



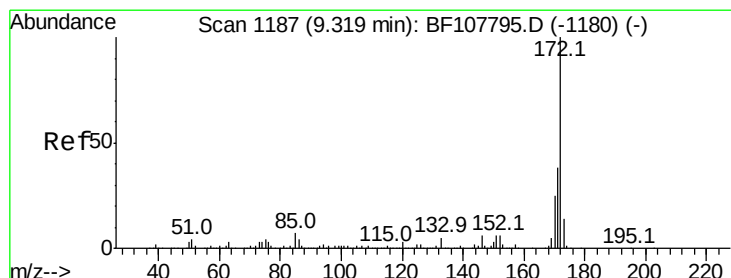
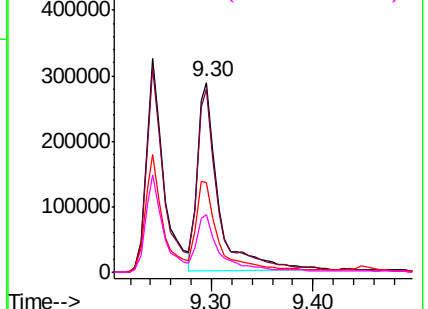
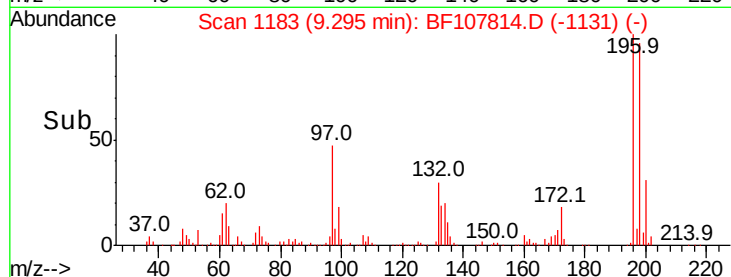
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

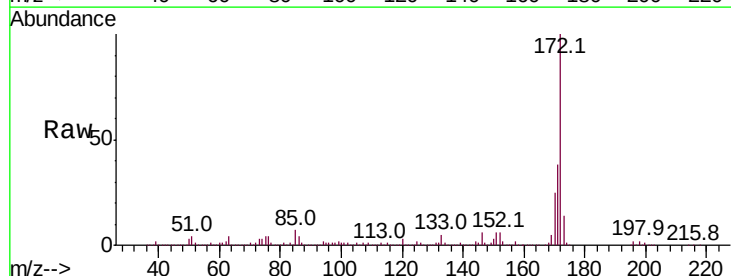
Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E



#44
2-Fluorobiphenyl
Concen: 75.485 ng
RT: 9.32 min Scan# 1187
Delta R.T. 0.00 min
Lab File: BF107814.D
Acq: 30 Jul 2018 21:40

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.6	29.7	44.5
170	25.3	19.6	29.4

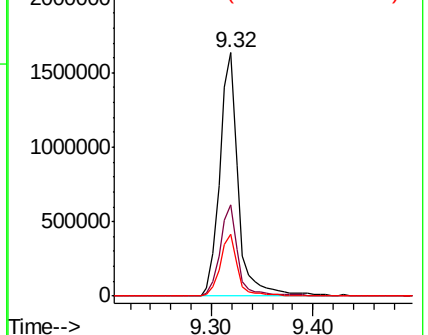
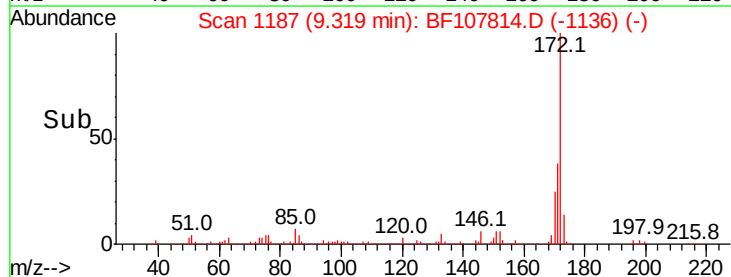


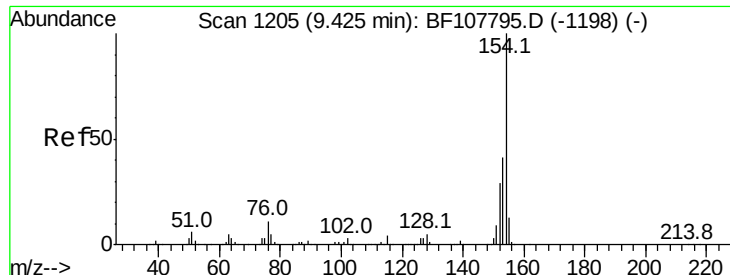
Abundance

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

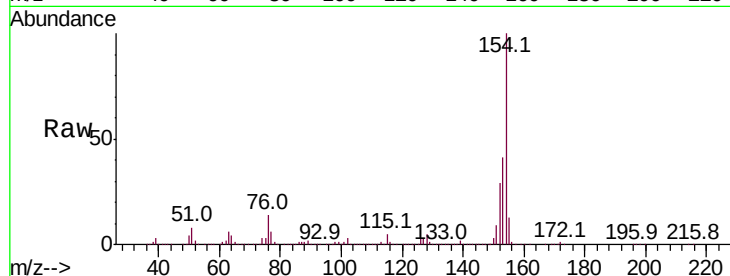




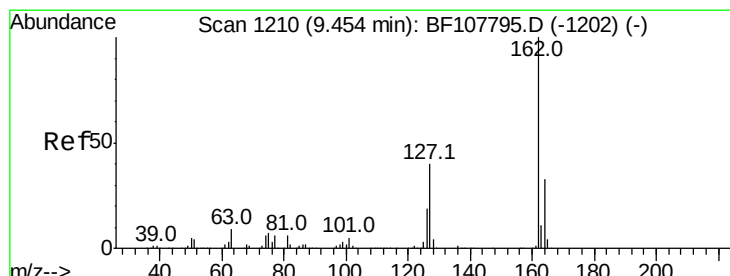
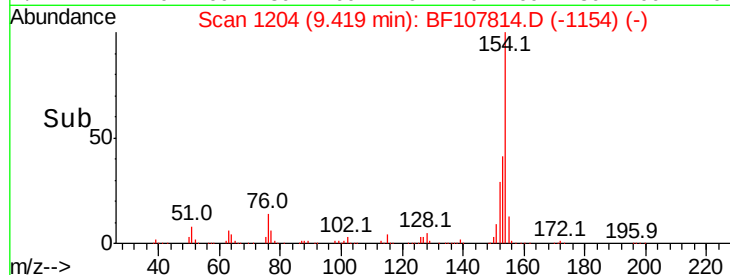
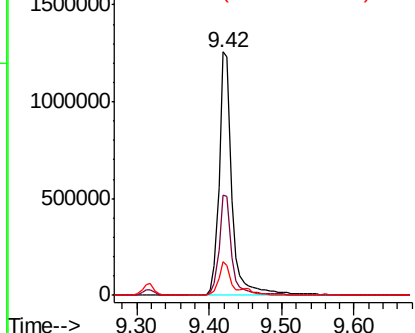
#45
 1,1'-Biphenyl
 Concen: 44.952 ng
 RT: 9.42 min Scan# 1204
 Delta R.T. -0.01 min
 Lab File: BF107814.D
 Acq: 30 Jul 2018 21:40

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:154 Resp: 1569756
 Ion Ratio Lower Upper
 154 100
 153 41.2 21.3 61.3
 76 13.9 0.0 34.0

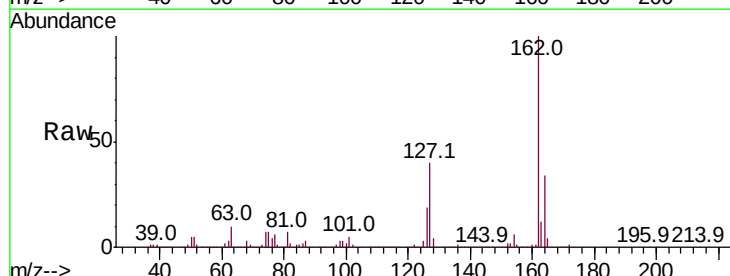


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF1

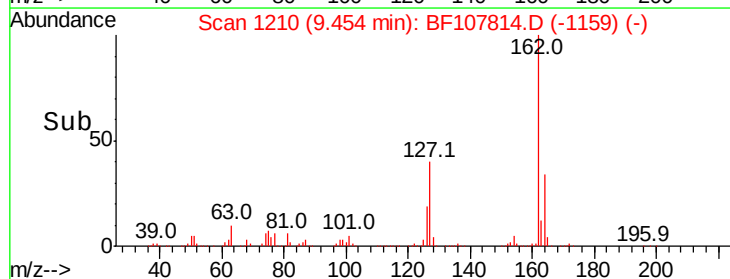
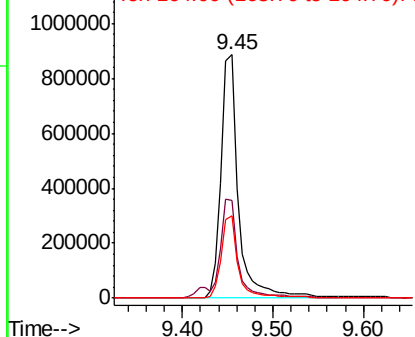


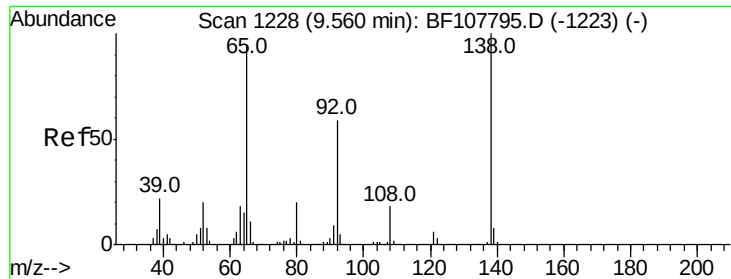
#46
 2-Chloronaphthalene
 Concen: 44.365 ng
 RT: 9.45 min Scan# 1210
 Delta R.T. 0.00 min
 Lab File: BF107814.D
 Acq: 30 Jul 2018 21:40

Tgt Ion:162 Resp: 1168306
 Ion Ratio Lower Upper
 162 100
 127 40.0 33.9 50.9
 164 33.8 26.5 39.7



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

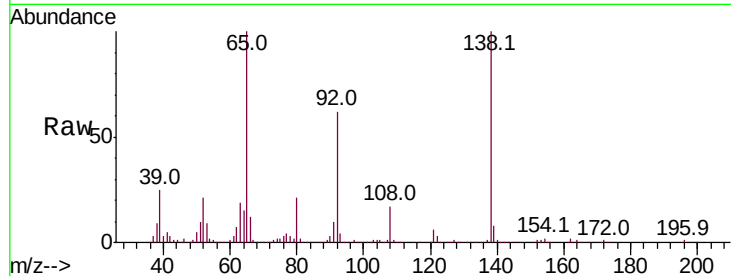




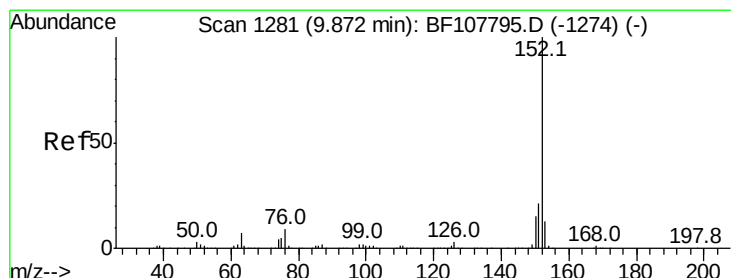
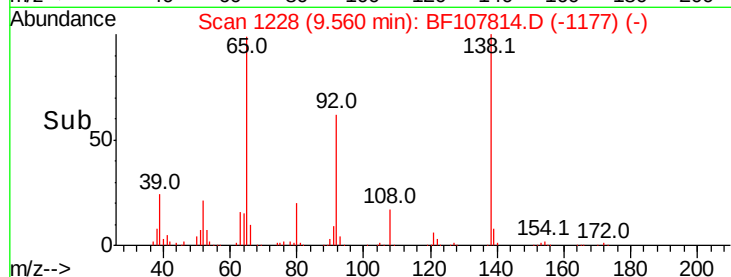
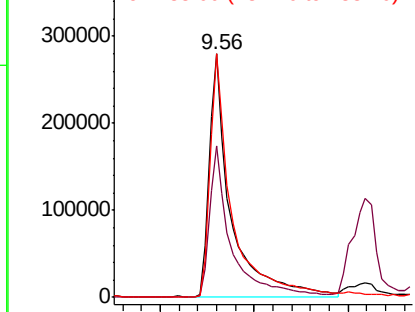
#47
2-Nitroaniline
Concen: 52.481 ng
RT: 9.56 min Scan# 1228
Delta R.T. 0.00 min
Lab File: BF107814.D
Acq: 30 Jul 2018 21:40

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 65 Resp: 449536
Ion Ratio Lower Upper
65 100
92 62.1 55.8 83.6
138 100.2 91.2 136.8

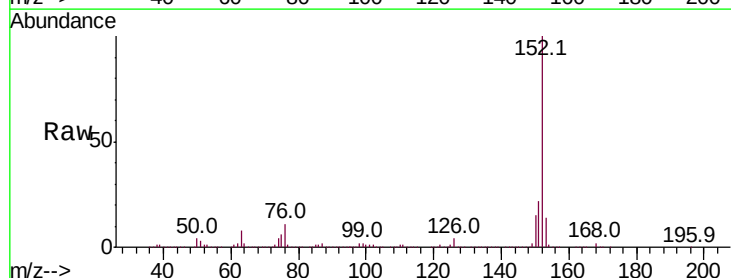


Abundance Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1
Ion 138.00 (137.70 to 138.70): BF1

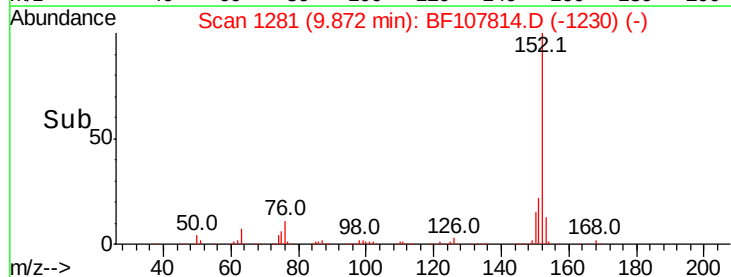
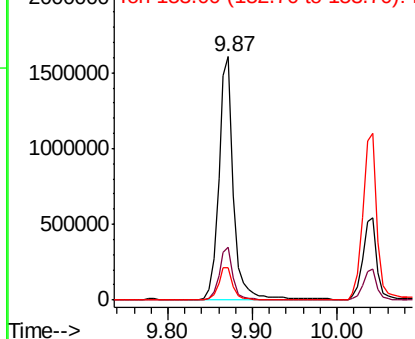


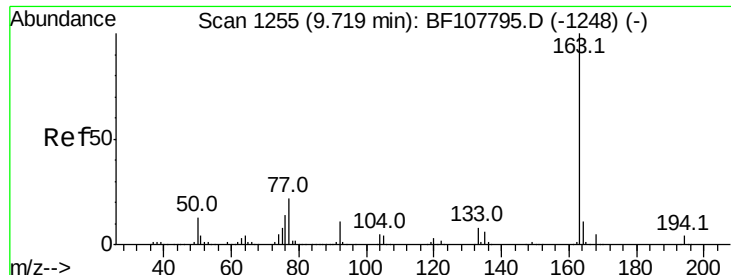
#48
Acenaphthylene
Concen: 48.307 ng
RT: 9.87 min Scan# 1281
Delta R.T. 0.00 min
Lab File: BF107814.D
Acq: 30 Jul 2018 21:40

Tgt Ion:152 Resp: 1972162
Ion Ratio Lower Upper
152 100
151 21.6 16.3 24.5
153 13.6 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: 53.398 ng

RT: 9.72 min Scan# 1256

Delta R.T. 0.01 min

Lab File: BF107814.D

Acq: 30 Jul 2018 21:40

Instrument :

BNA_F

ClientSampleId :

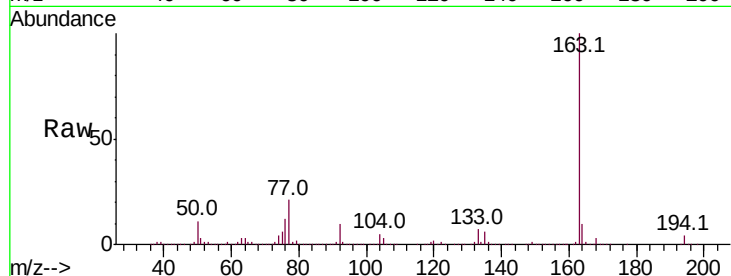
Tot Ion:163 Resp: 1538802

Ion Ratio Lower Upper

163 100

194 4.0 2.7 4.1

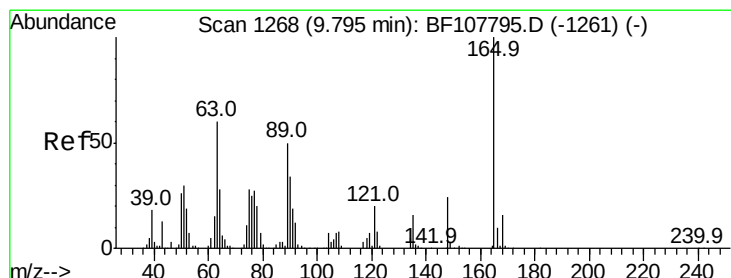
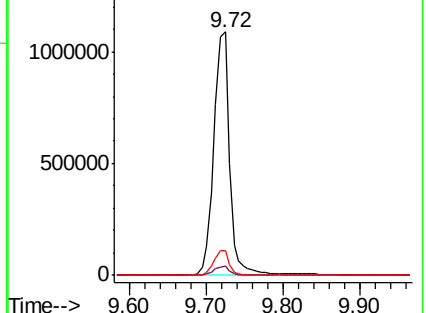
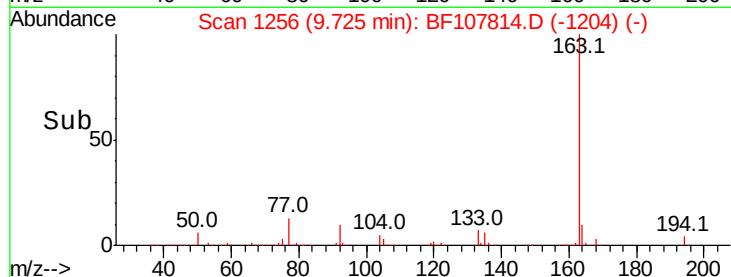
164 10.4 8.2 12.2



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: 49.463 ng

RT: 9.80 min Scan# 1268

Delta R.T. 0.00 min

Lab File: BF107814.D

Acq: 30 Jul 2018 21:40

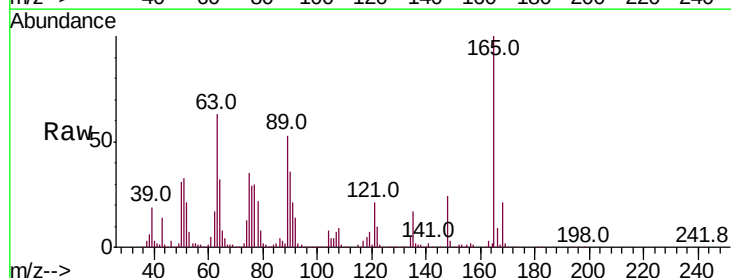
Tgt Ion:165 Resp: 309772

Ion Ratio Lower Upper

165 100

63 63.4 44.7 67.1

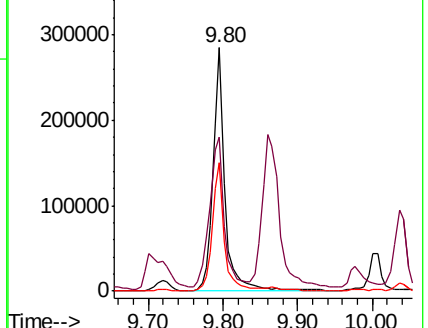
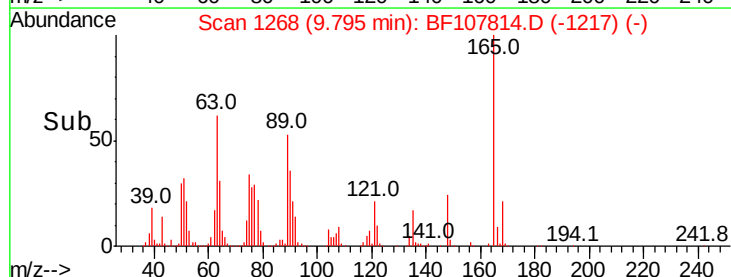
89 52.6 44.0 66.0

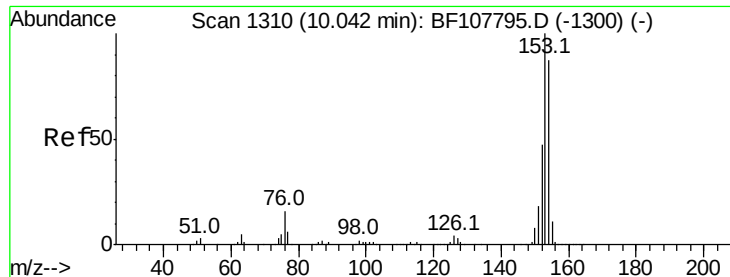


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1





#51

Acenaphthene

Concen: 48.769 ng

RT: 10.04 min Scan# 1310

Delta R.T. 0.00 min

Lab File: BF107814.D

Acq: 30 Jul 2018 21:40

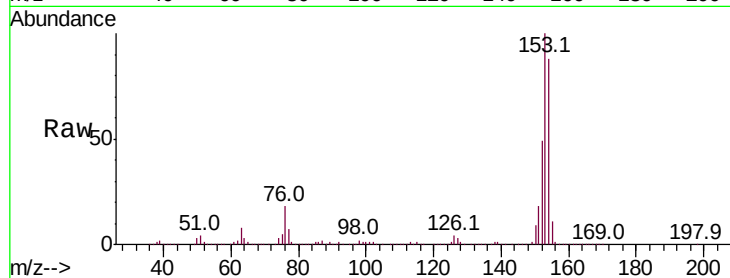
Instrument :

BNA_F

ClientSampled :

Tot Ion:154 Resp: 1156579

Ion	Ratio	Lower	Upper
154	100		
153	113.6	91.2	136.8
152	56.0	43.8	65.8

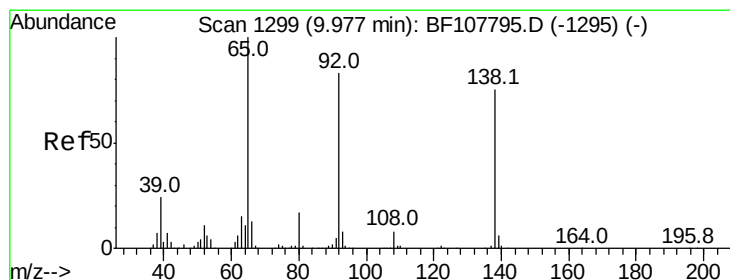
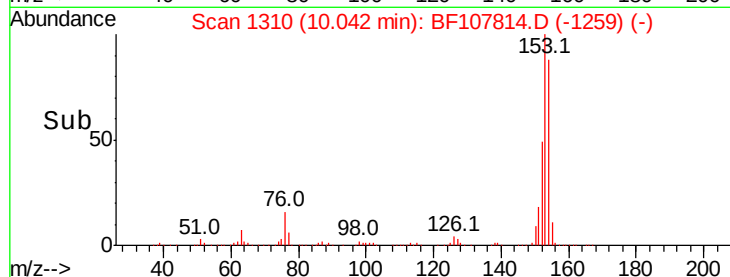
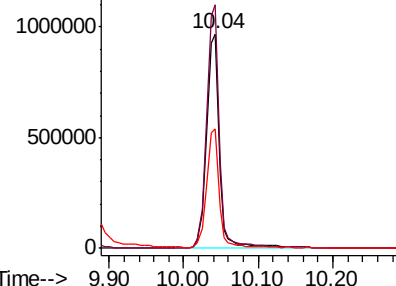


Abundance

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: 31.132 ng

RT: 9.98 min Scan# 1299

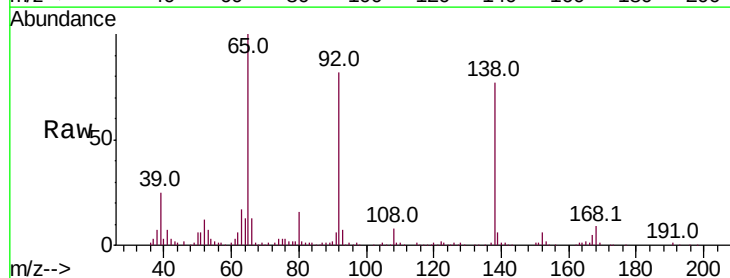
Delta R.T. 0.00 min

Lab File: BF107814.D

Acq: 30 Jul 2018 21:40

Tgt Ion:138 Resp: 245681

Ion	Ratio	Lower	Upper
138	100		
108	11.0	9.4	14.0
92	107.2	89.4	134.2

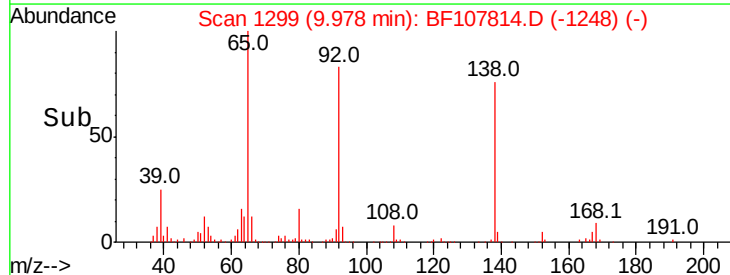
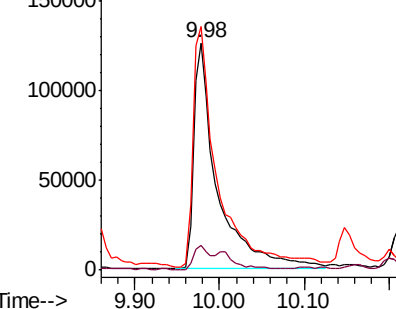


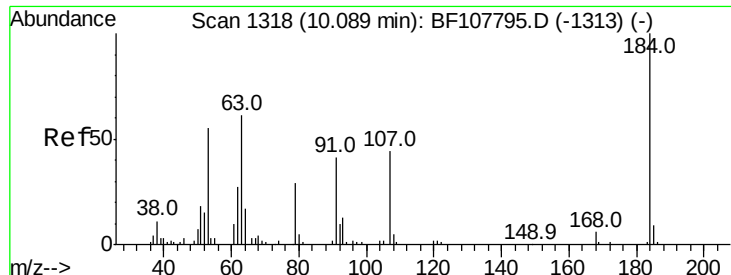
Abundance

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

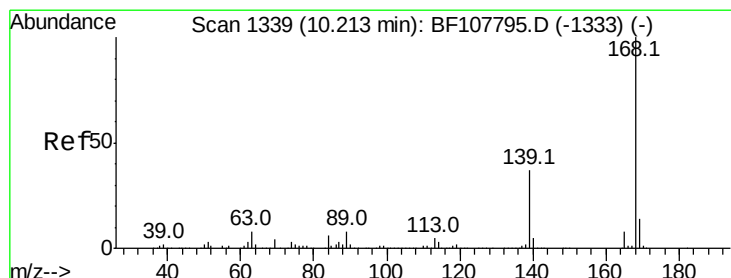
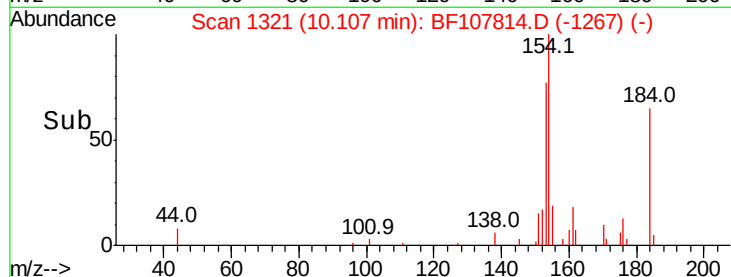
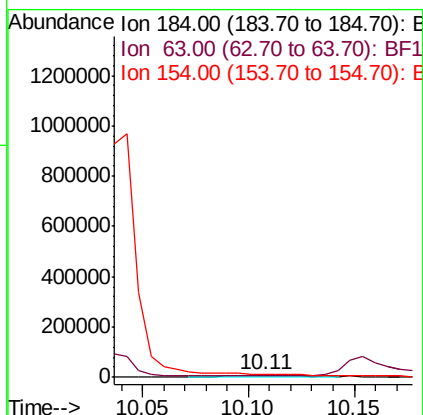
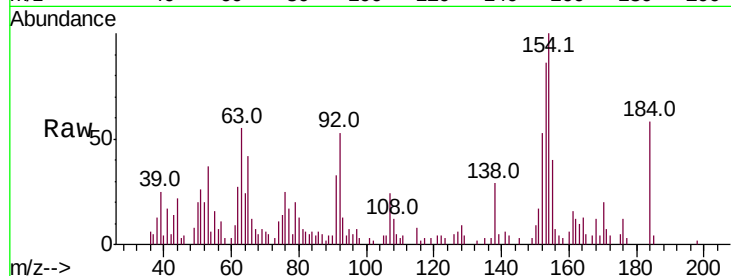




#53
2,4-Dinitrophenol
Concen: 14.305 ng
RT: 10.11 min Scan# 1321
Delta R.T. 0.02 min
Lab File: BF107814.D
Acq: 30 Jul 2018 21:40

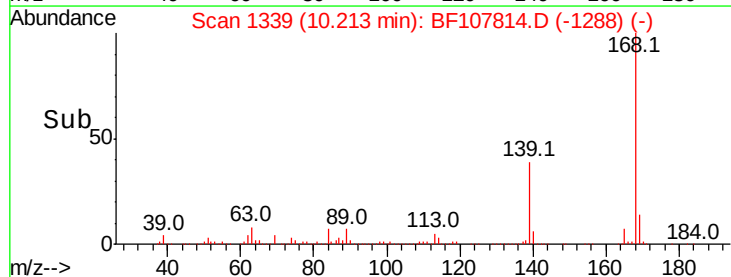
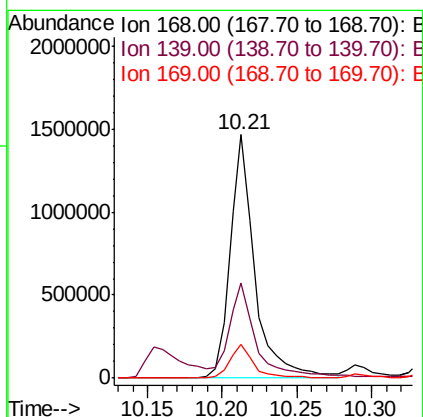
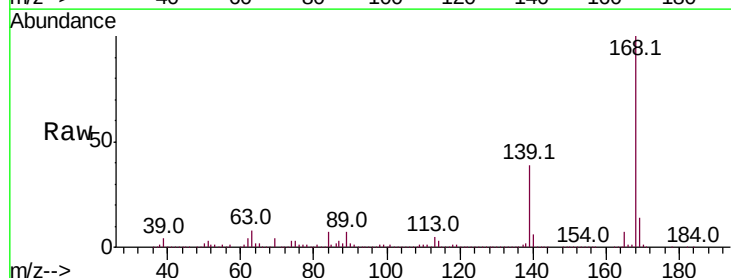
Instrument :
BNA_F
ClientSampleId :

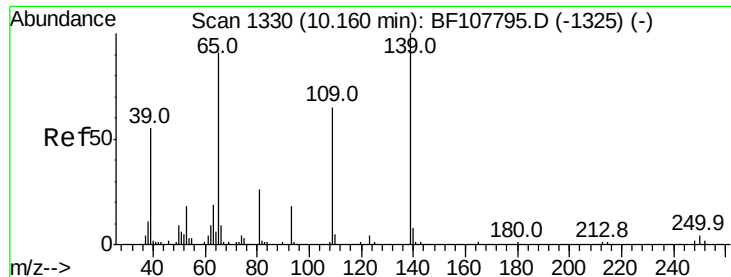
Tot Ion:184 Resp: 21642
Ion Ratio Lower Upper
184 100
63 95.3 54.2 81.2#
154 171.7 184.0 276.0#



#54
Dibenzofuran
Concen: 46.330 ng
RT: 10.21 min Scan# 1339
Delta R.T. 0.00 min
Lab File: BF107814.D
Acq: 30 Jul 2018 21:40

Tgt Ion:168 Resp: 1698228
Ion Ratio Lower Upper
168 100
139 39.2 30.1 45.1
169 14.0 10.9 16.3

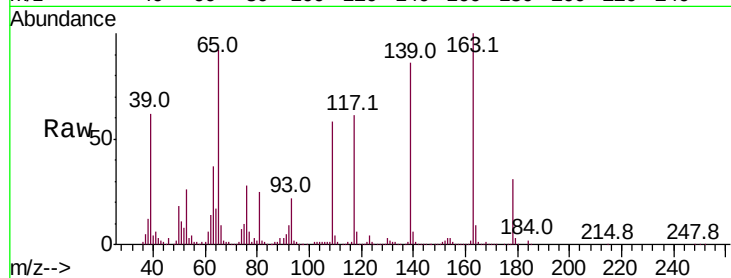




#55
4-Nitrophenol
Concen: 87.148 ng
RT: 10.15 min Scan# 1329
Delta R.T. -0.00 min
Lab File: BF107814.D
Acq: 30 Jul 2018 21:40

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
139	100		
109	67.2	48.4	88.4
65	107.6	72.6	112.6

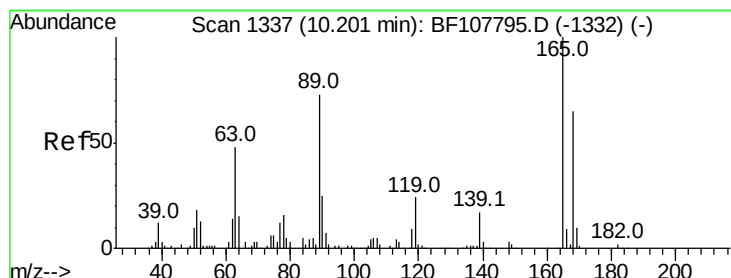
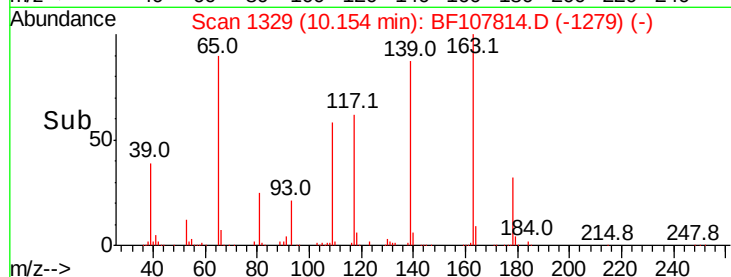
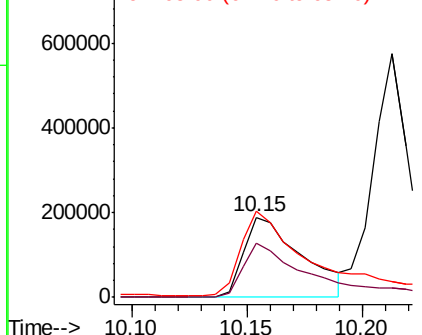


Abundance

Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1



#56
2,4-Dinitrotoluene
Concen: 46.989 ng
RT: 10.20 min Scan# 1337
Delta R.T. 0.00 min
Lab File: BF107814.D
Acq: 30 Jul 2018 21:40

Tgt Ion	Ratio	Lower	Upper
165	100		
63	59.4	36.4	54.6#
89	74.1	57.8	86.6
182	2.4	1.6	2.4

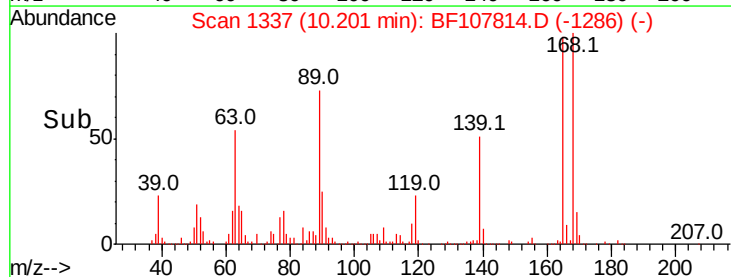
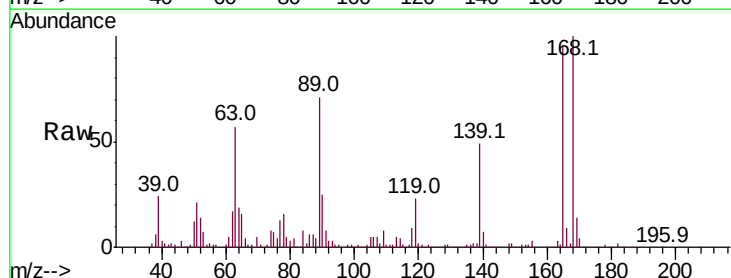
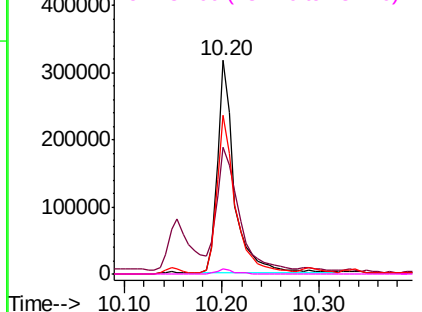
Abundance

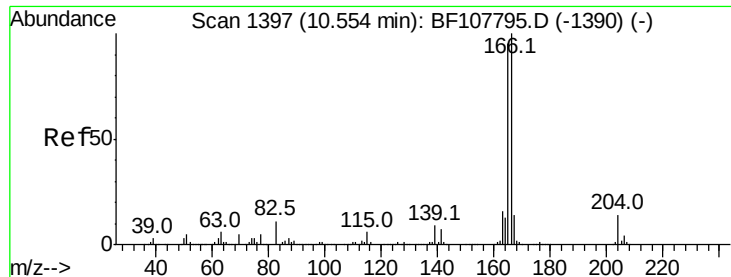
Ion 165.00 (164.70 to 165.70): E

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: 50.866 ng

RT: 10.56 min Scan# 1398

Delta R.T. 0.01 min

Lab File: BF107814.D

Acq: 30 Jul 2018 21:40

Instrument :

BNA_F

ClientSampleId :

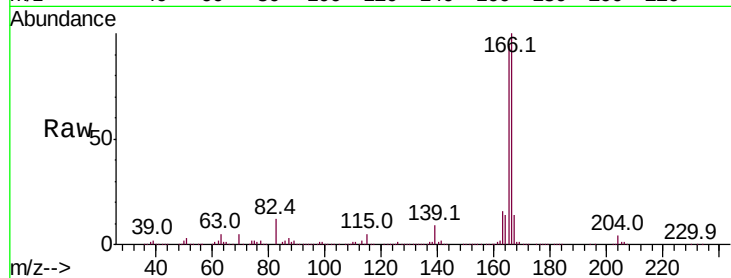
Tot Ion:166 Resp: 1449028

Ion Ratio Lower Upper

166 100

165 94.2 79.8 119.8

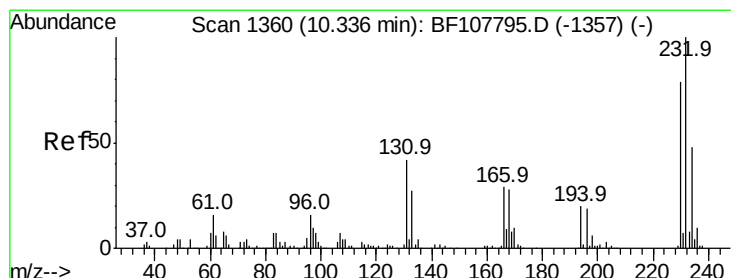
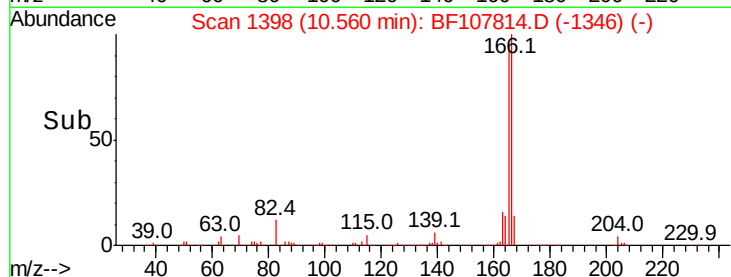
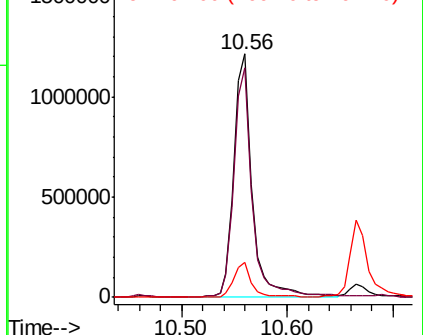
167 14.2 10.6 16.0



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: 45.029 ng

RT: 10.34 min Scan# 1360

Delta R.T. 0.00 min

Lab File: BF107814.D

Acq: 30 Jul 2018 21:40

Tgt Ion:232 Resp: 360123

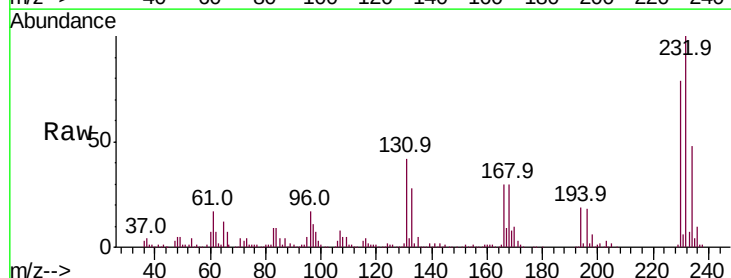
Ion Ratio Lower Upper

232 100

131 41.9 43.8 65.8#

130 2.4 2.1 3.1

166 28.9 27.8 41.6

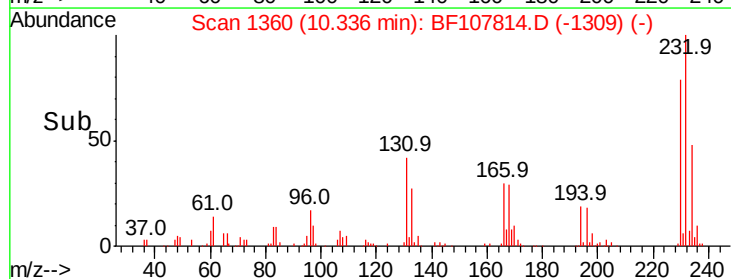
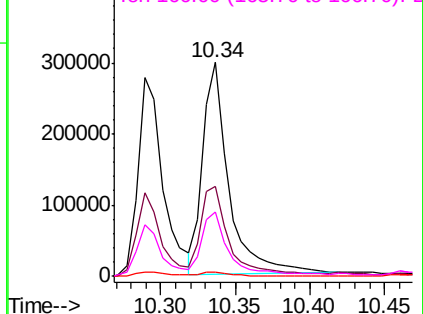


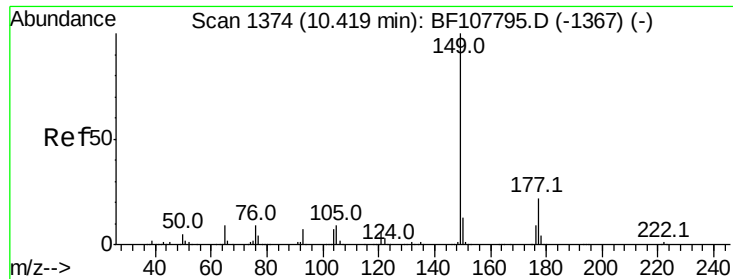
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

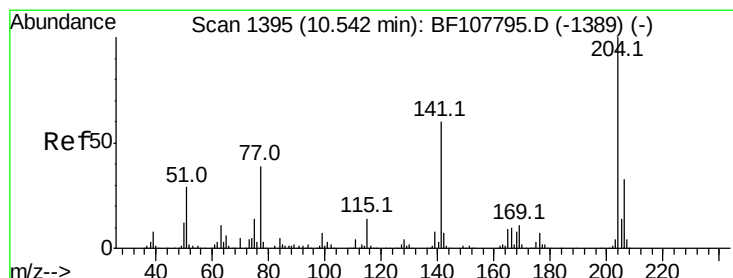
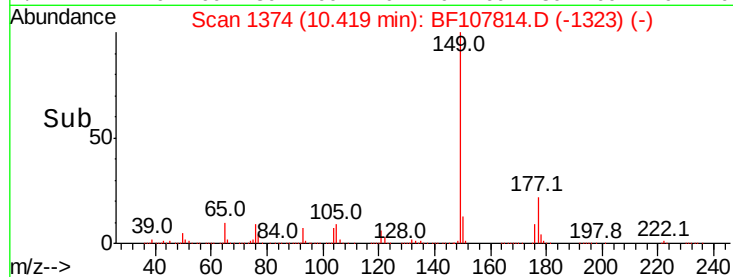
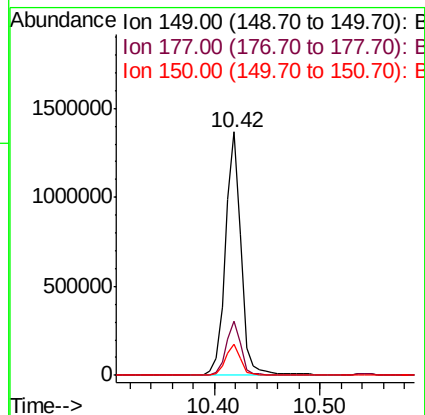
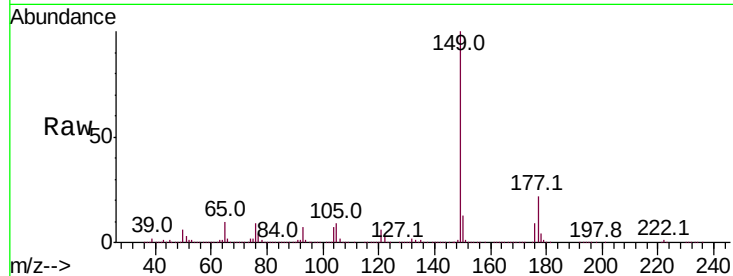




#59
Diethylphthalate
Concen: 45.591 ng
RT: 10.42 min Scan# 1374
Delta R.T. 0.00 min
Lab File: BF107814.D
Acq: 30 Jul 2018 21:40

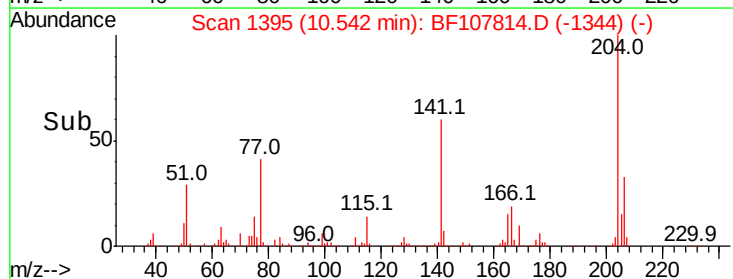
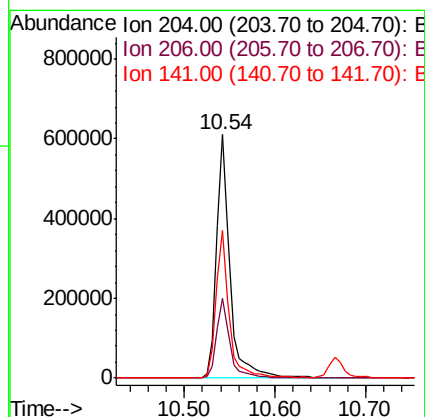
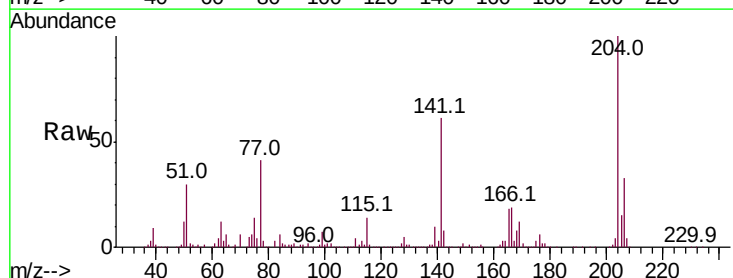
Instrument :
BNA_F
ClientSampleId :

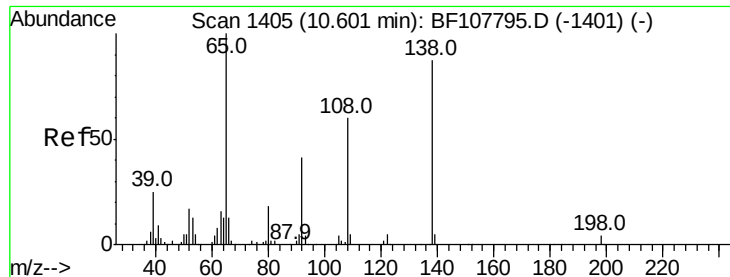
Tot Ion:149 Resp: 1412603
Ion Ratio Lower Upper
149 100
177 22.5 16.1 24.1
150 13.0 10.1 15.1



#60
4-Chlorophenyl-phenylether
Concen: 40.912 ng
RT: 10.54 min Scan# 1395
Delta R.T. 0.00 min
Lab File: BF107814.D
Acq: 30 Jul 2018 21:40

Tgt Ion:204 Resp: 634898
Ion Ratio Lower Upper
204 100
206 33.0 26.5 39.7
141 60.7 54.6 81.8

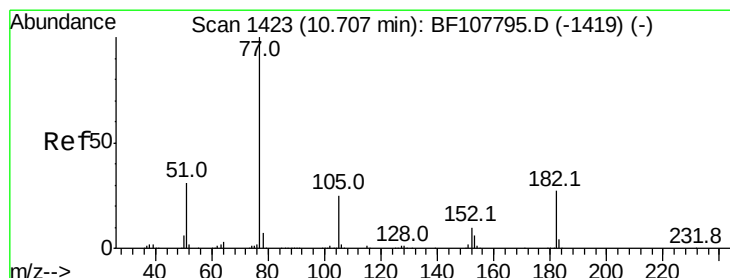
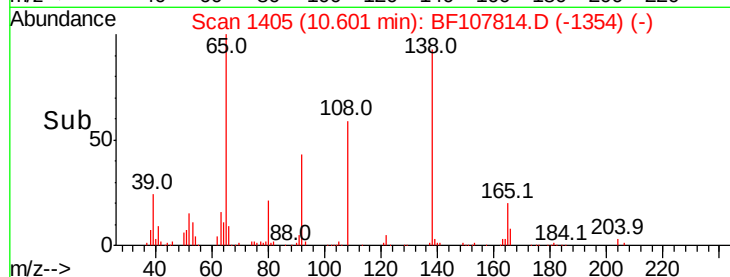
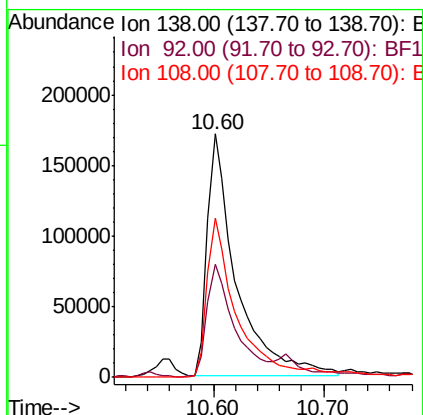
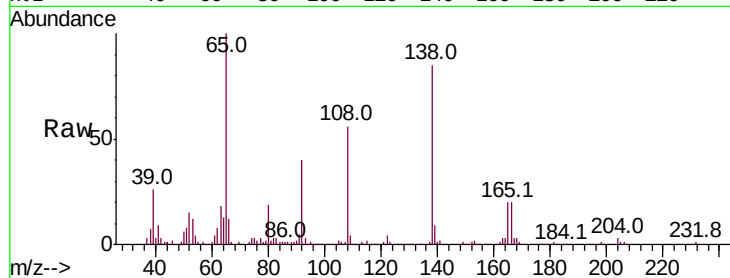




#61
4-Nitroaniline
Concen: 43.720 ng
RT: 10.60 min Scan# 1405
Delta R.T. 0.00 min
Lab File: BF107814.D
Acq: 30 Jul 2018 21:40

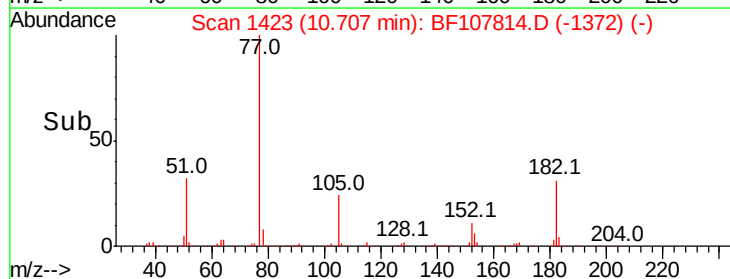
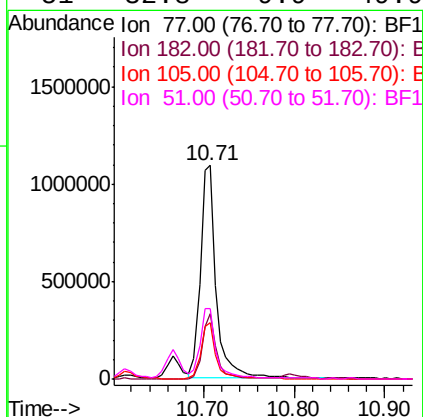
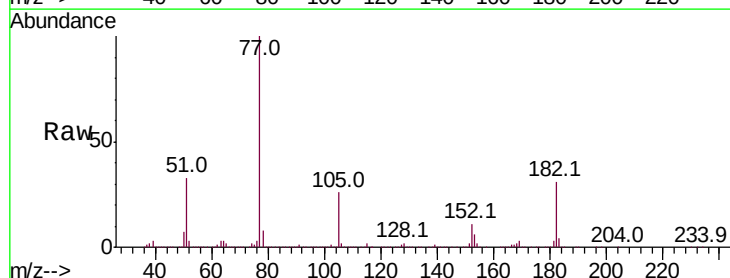
Instrument :
BNA_F
ClientSampled :

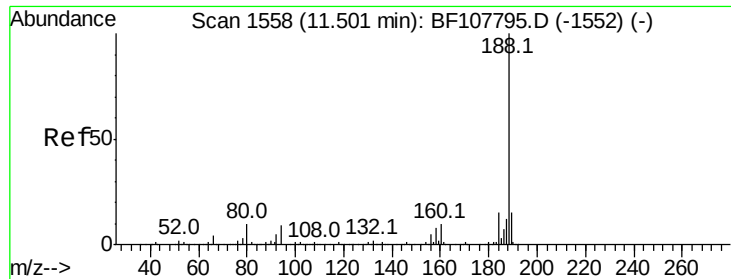
Tot Ion:138 Resp: 306185
Ion Ratio Lower Upper
138 100
92 46.2 30.2 70.2
108 65.2 52.5 92.5



#62
Azobenzene
Concen: 46.047 ng
RT: 10.71 min Scan# 1423
Delta R.T. 0.00 min
Lab File: BF107814.D
Acq: 30 Jul 2018 21:40

Tgt Ion: 77 Resp: 1328757
Ion Ratio Lower Upper
77 100
182 30.5 1.7 41.7
105 26.4 3.0 43.0
51 32.8 9.9 49.9

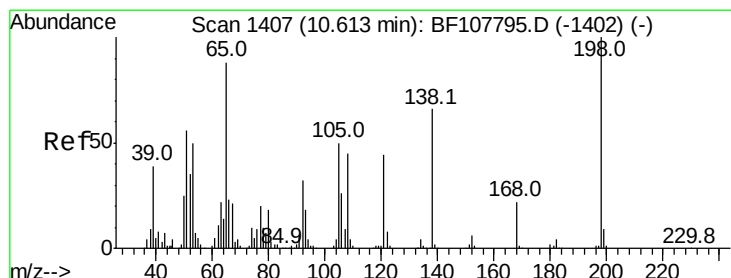
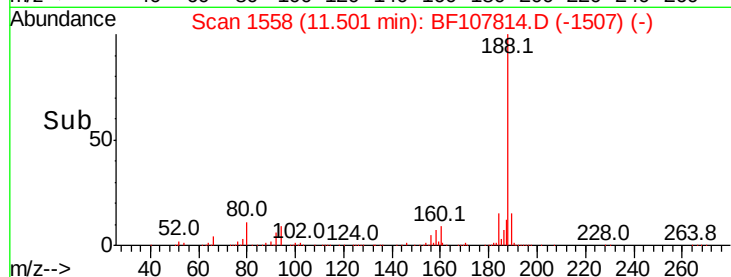
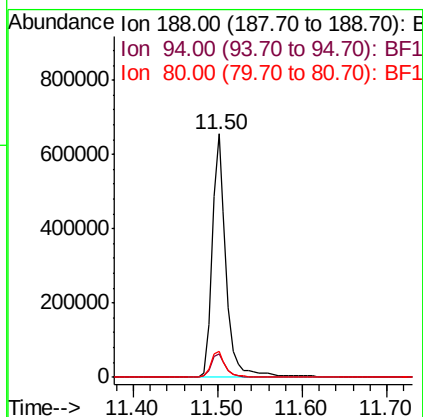
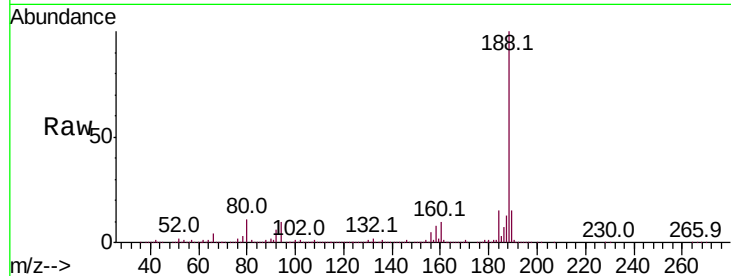




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1558
Delta R.T. 0.00 min
Lab File: BF107814.D
Acq: 30 Jul 2018 21:40

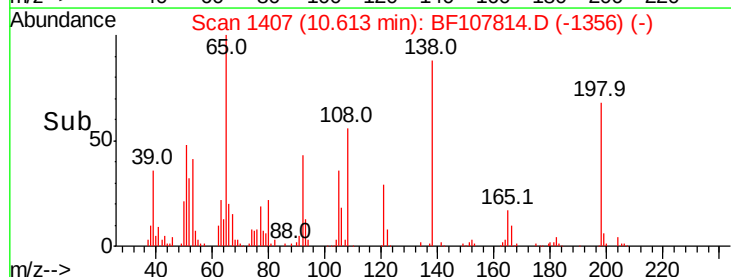
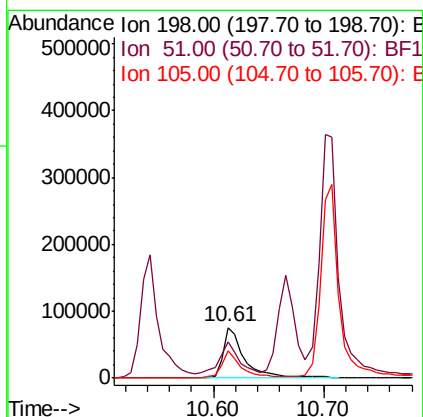
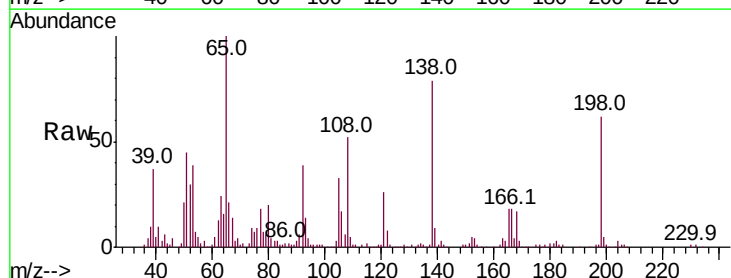
Instrument :
BNA_F
ClientSampleId :

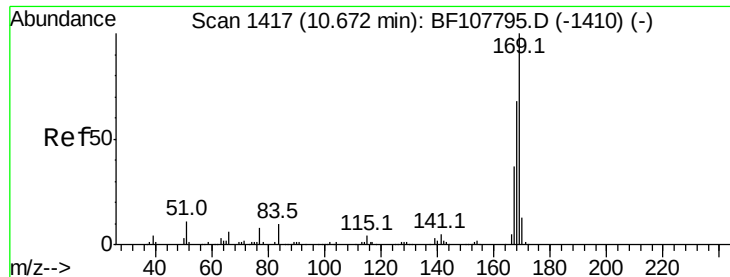
Tot Ion:188 Resp: 767858
Ion Ratio Lower Upper
188 100
94 9.6 8.5 12.7
80 10.9 9.2 13.8



#64
4,6-Dinitro-2-methylphenol
Concen: 24.712 ng
RT: 10.61 min Scan# 1407
Delta R.T. 0.00 min
Lab File: BF107814.D
Acq: 30 Jul 2018 21:40

Tgt Ion:198 Resp: 103233
Ion Ratio Lower Upper
198 100
51 71.9 37.7 77.7
105 52.7 36.3 76.3

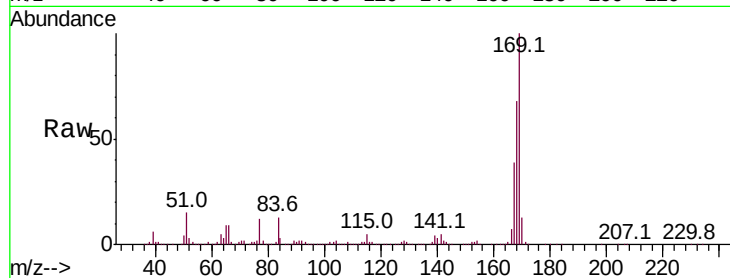




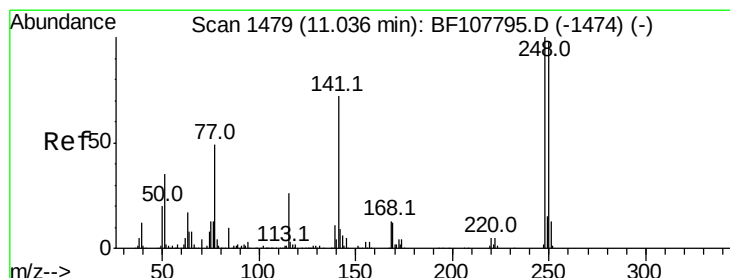
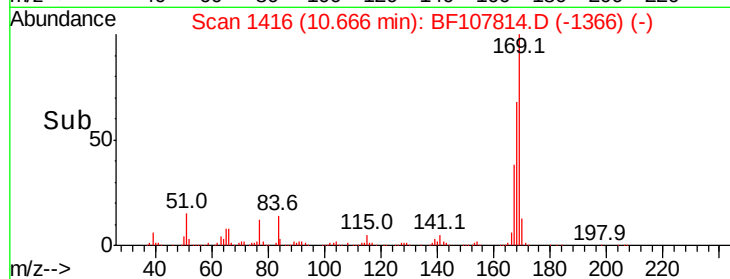
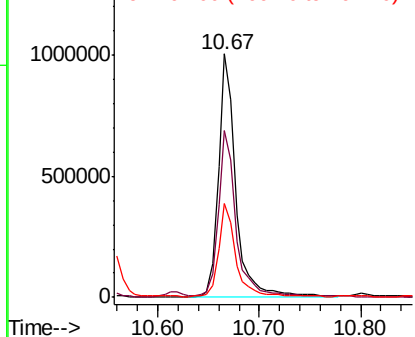
#65
 n-Nitrosodiphenylamine
 Concen: 46.628 ng
 RT: 10.67 min Scan# 1416
 Delta R.T. -0.01 min
 Lab File: BF107814.D
 Acq: 30 Jul 2018 21:40

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:169 Resp: 1178925
 Ion Ratio Lower Upper
 169 100
 168 68.3 54.4 81.6
 167 38.6 29.8 44.6

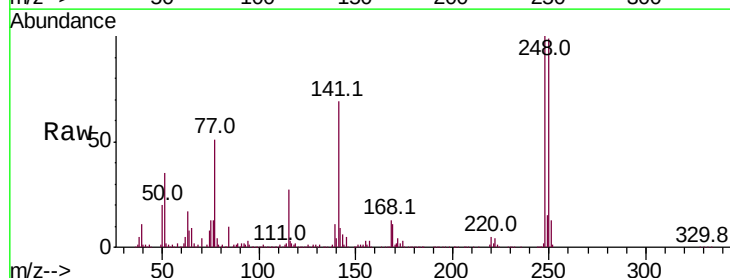


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

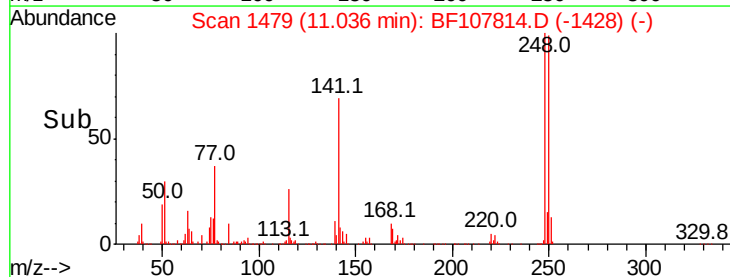
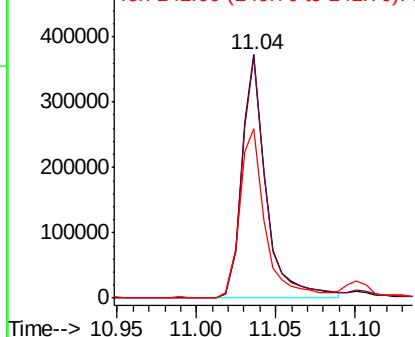


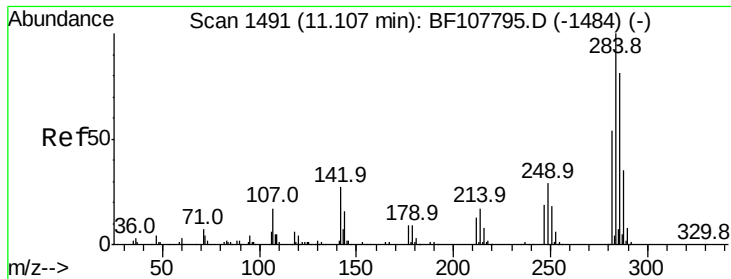
#66
 4-Bromophenyl-phenylether
 Concen: 44.060 ng
 RT: 11.04 min Scan# 1479
 Delta R.T. 0.00 min
 Lab File: BF107814.D
 Acq: 30 Jul 2018 21:40

Tgt Ion:248 Resp: 394324
 Ion Ratio Lower Upper
 248 100
 250 99.0 76.9 115.3
 141 69.4 74.4 111.6#



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





#67

Hexachlorobenzene

Concen: 42.119 ng

RT: 11.10 min Scan# 1490

Delta R.T. -0.01 min

Lab File: BF107814.D

Acq: 30 Jul 2018 21:40

Instrument :

BNA_F

ClientSampled :

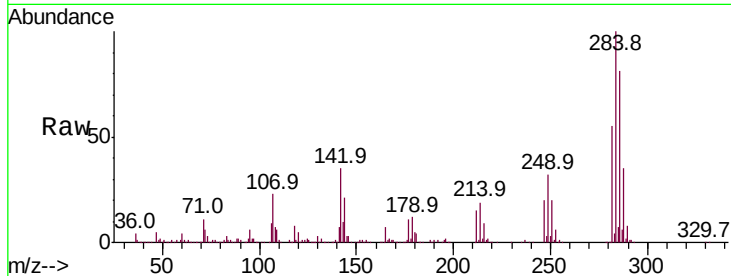
Tot Ion:284 Resp: 418010

Ion Ratio Lower Upper

284 100

142 35.4 34.6 52.0

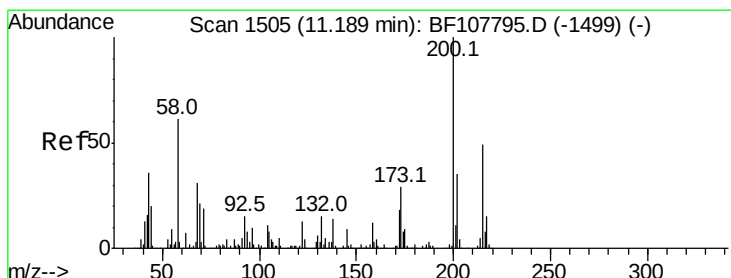
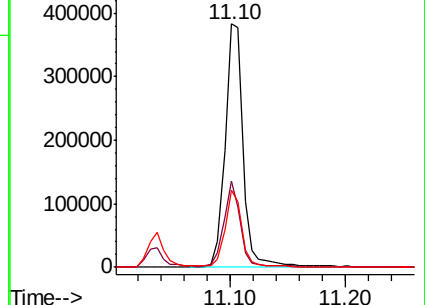
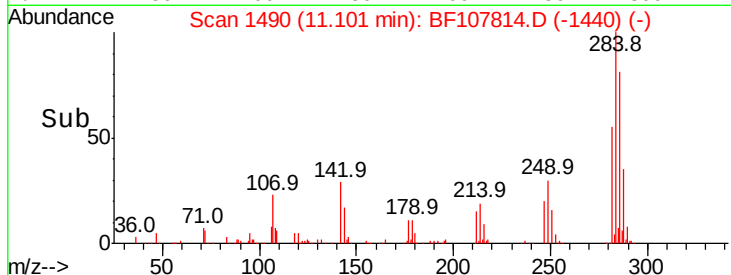
249 31.7 24.8 37.2



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: 48.573 ng

RT: 11.20 min Scan# 1506

Delta R.T. 0.01 min

Lab File: BF107814.D

Acq: 30 Jul 2018 21:40

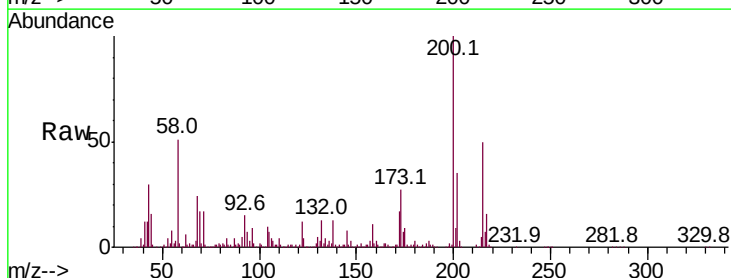
Tgt Ion:200 Resp: 363479

Ion Ratio Lower Upper

200 100

173 27.4 8.6 48.6

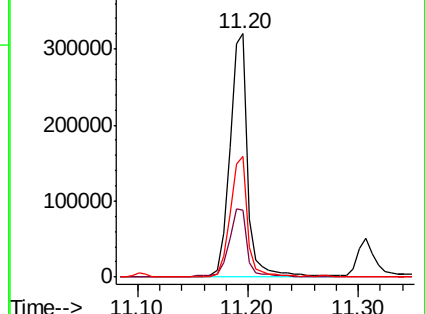
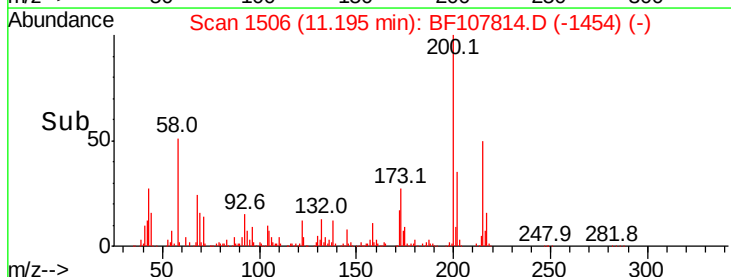
215 49.6 25.1 65.1

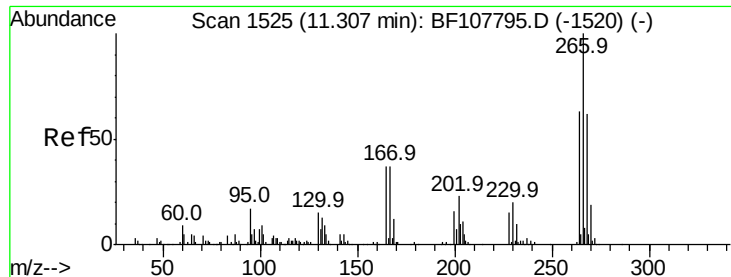


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

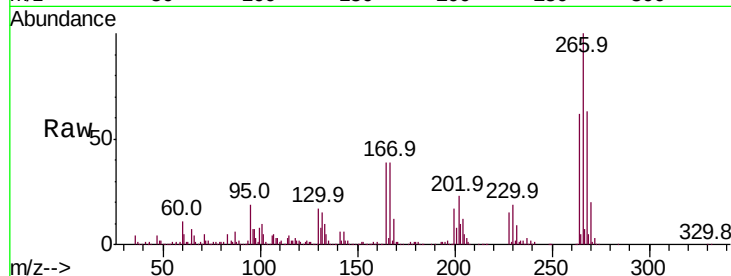




#69
 Pentachlorophenol
 Concen: 78.640 ng
 RT: 11.31 min Scan# 1525
 Delta R.T. 0.00 min
 Lab File: BF107814.D
 Acq: 30 Jul 2018 21:40

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
266	100		
268	63.3	51.1	76.7
264	62.2	49.5	74.3

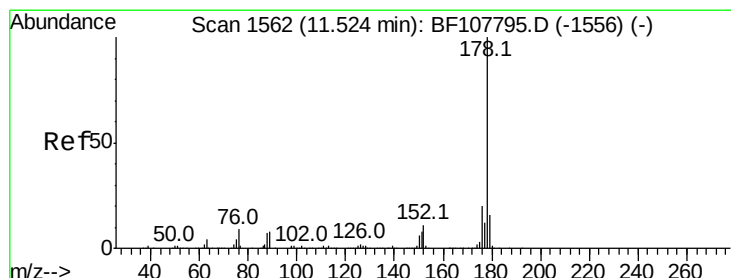
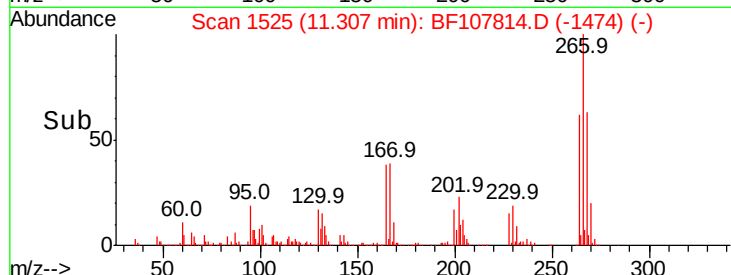
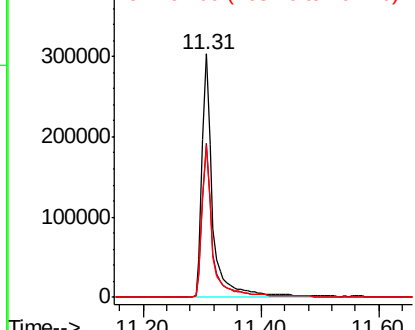


Abundance

Ion 265.70 (265.40 to 266.40): E

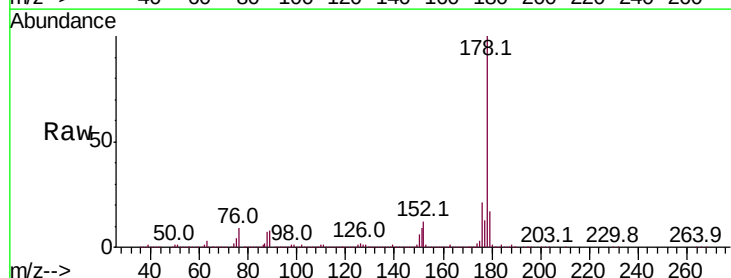
Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



#70
 Phenanthrene
 Concen: 62.186 ng
 RT: 11.53 min Scan# 1563
 Delta R.T. 0.01 min
 Lab File: BF107814.D
 Acq: 30 Jul 2018 21:40

Tgt Ion	Ratio	Lower	Upper
178	100		
176	21.1	15.8	23.8
179	16.8	13.0	19.6

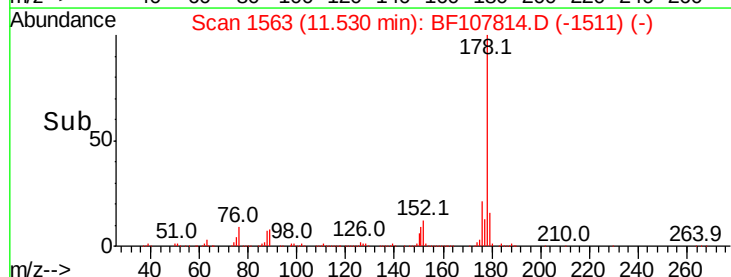
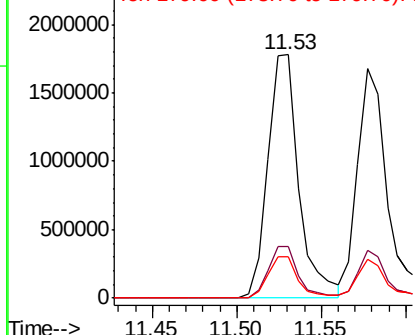


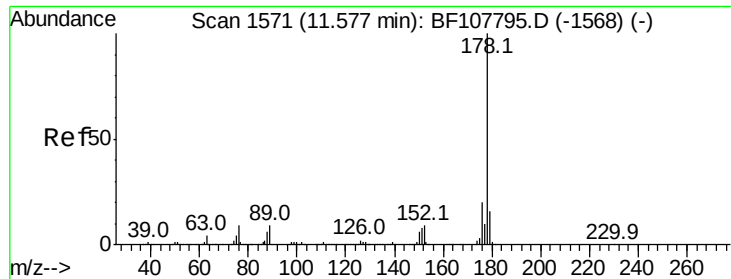
Abundance

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

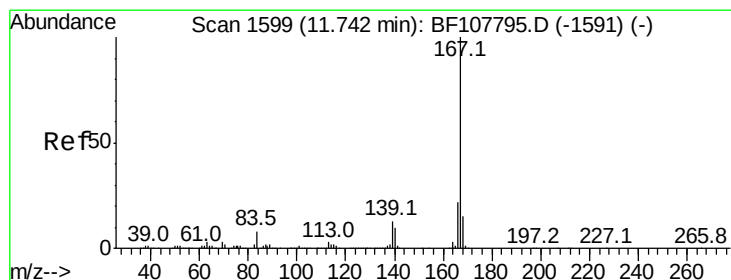
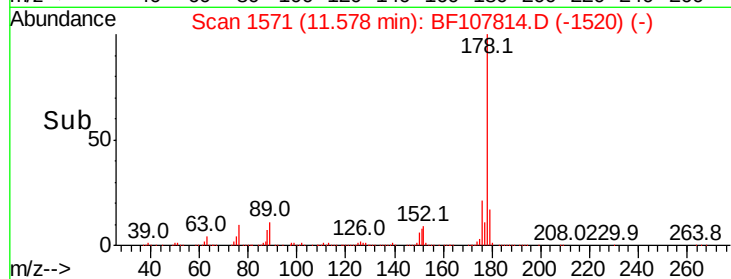
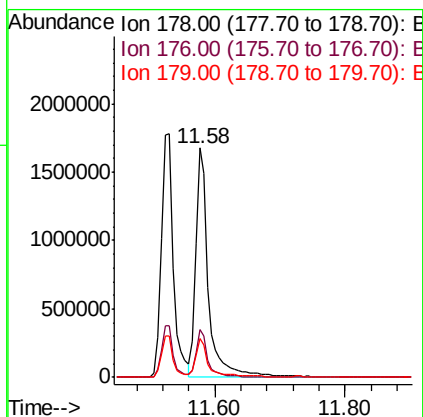
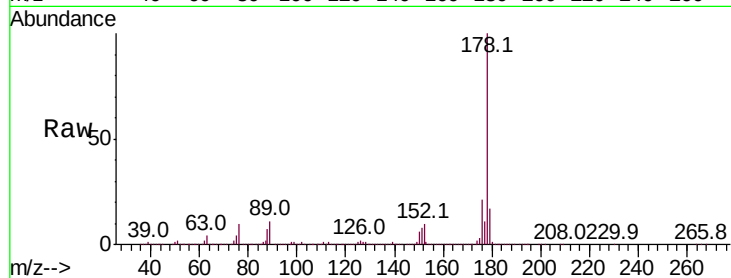




#71
 Anthracene
 Concen: 53.364 ng
 RT: 11.58 min Scan# 1571
 Delta R.T. 0.00 min
 Lab File: BF107814.D
 Acq: 30 Jul 2018 21:40

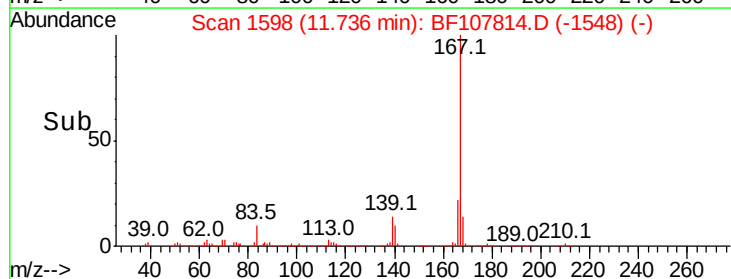
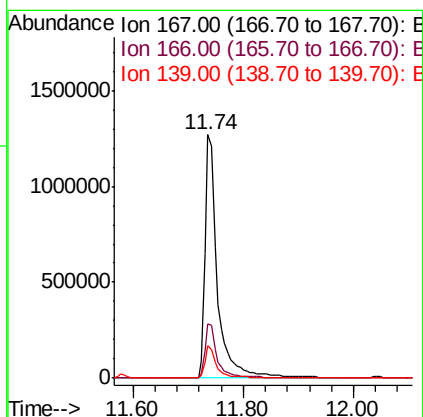
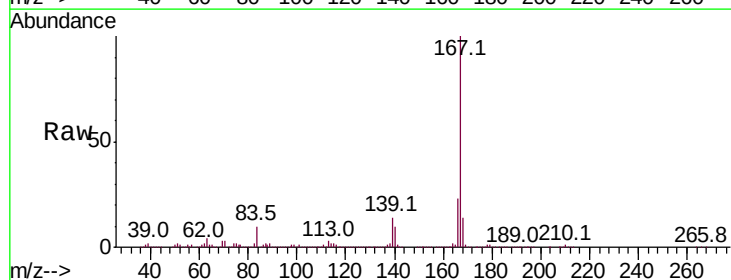
Instrument :
 BNA_F
 ClientSampleId :

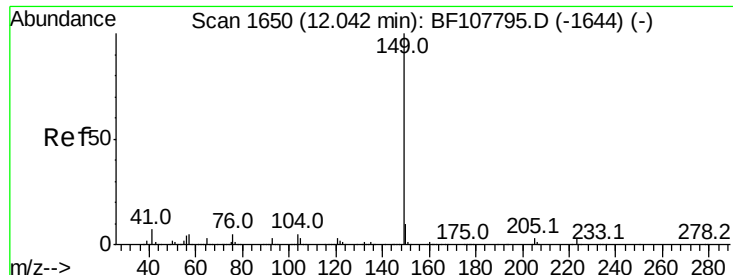
Tot Ion:178 Resp: 2244176
 Ion Ratio Lower Upper
 178 100
 176 20.6 15.4 23.2
 179 17.1 12.6 19.0



#72
 Carbazole
 Concen: 46.759 ng
 RT: 11.74 min Scan# 1598
 Delta R.T. -0.01 min
 Lab File: BF107814.D
 Acq: 30 Jul 2018 21:40

Tgt Ion:167 Resp: 1943254
 Ion Ratio Lower Upper
 167 100
 166 22.5 17.6 26.4
 139 13.6 10.9 16.3





#73

Di-n-butylphthalate

Concen: 44.957 ng

RT: 12.04 min Scan# 1650

Delta R.T. 0.00 min

Lab File: BF107814.D

Acq: 30 Jul 2018 21:40

Instrument :

BNA_F

ClientSampled :

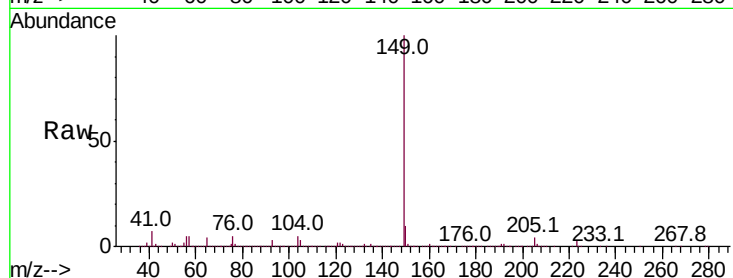
Tot Ion:149 Resp: 2038310

Ion Ratio Lower Upper

149 100

150 10.4 7.8 11.6

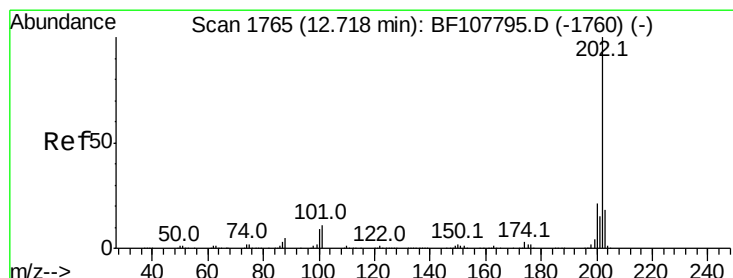
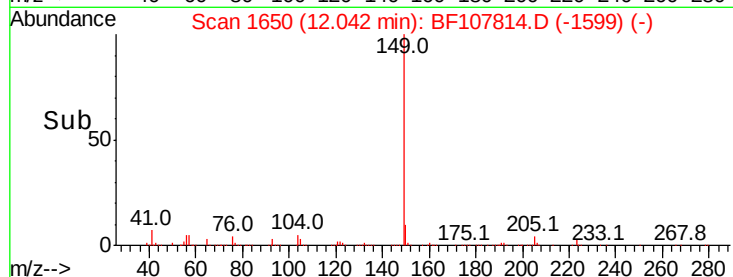
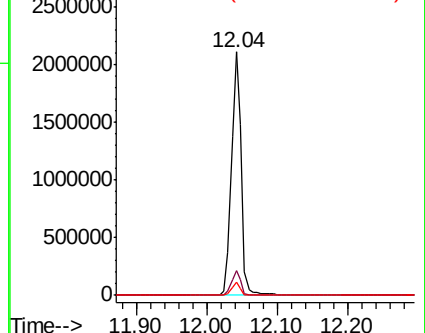
104 5.2 3.8 5.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 67.607 ng

RT: 12.72 min Scan# 1766

Delta R.T. 0.01 min

Lab File: BF107814.D

Acq: 30 Jul 2018 21:40

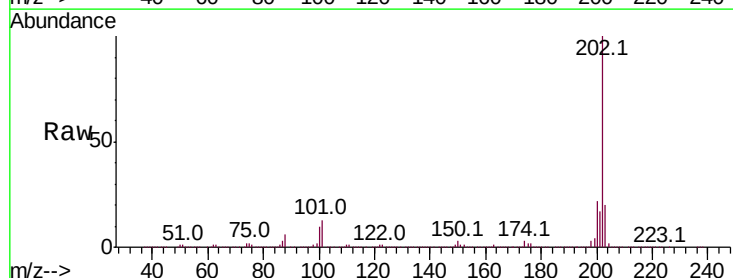
Tgt Ion:202 Resp: 2895855

Ion Ratio Lower Upper

202 100

101 12.7 0.0 34.1

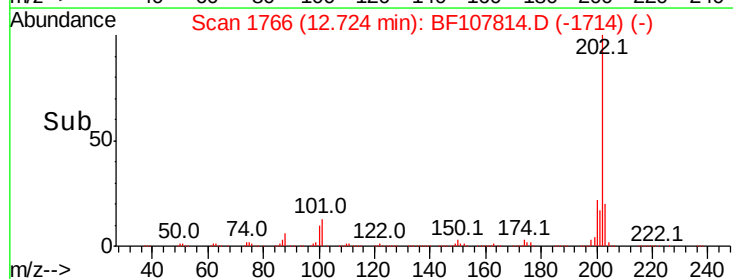
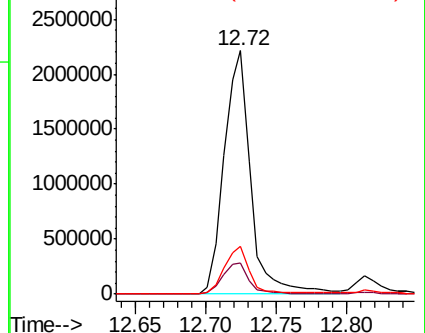
203 19.6 0.0 38.1

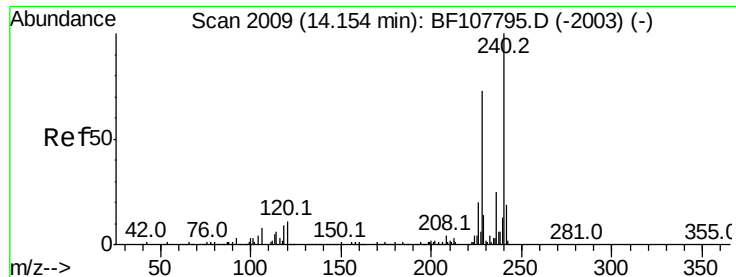


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.15 min Scan# 2009

Delta R.T. 0.00 min

Lab File: BF107814.D

Acq: 30 Jul 2018 21:40

Instrument :

BNA_F

ClientSampleId :

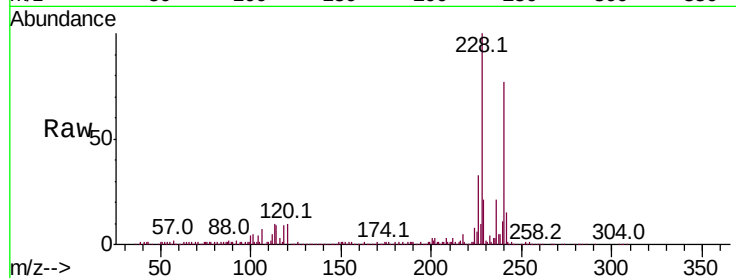
Tot Ion:240 Resp: 469514

Ion Ratio Lower Upper

240 100

120 12.7 9.5 14.3

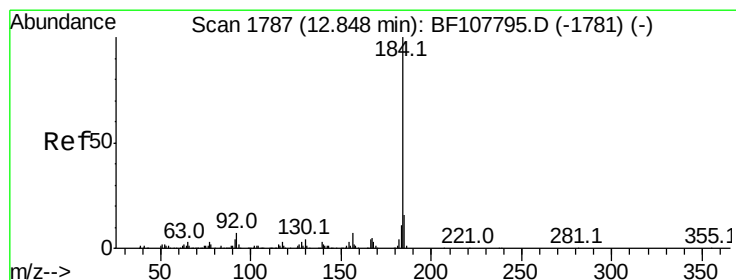
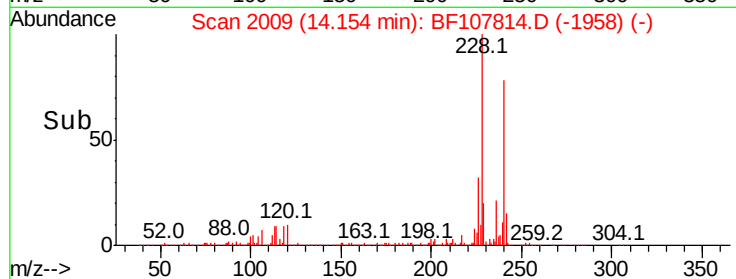
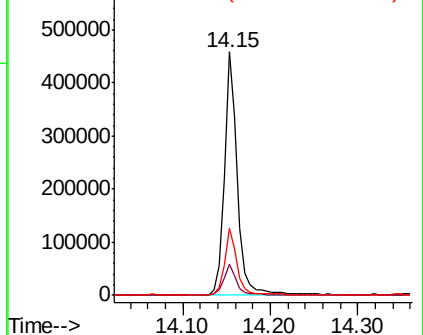
236 27.7 20.7 31.1



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: 57.302 ng

RT: 12.85 min Scan# 1787

Delta R.T. 0.00 min

Lab File: BF107814.D

Acq: 30 Jul 2018 21:40

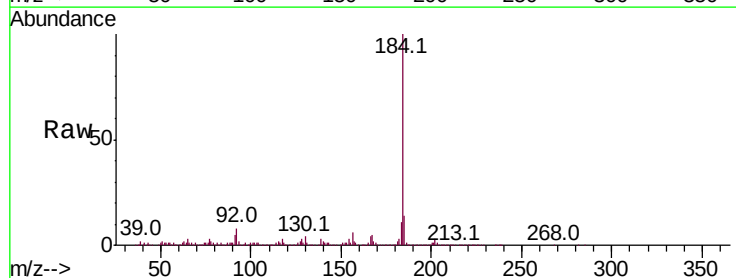
Tgt Ion:184 Resp: 869873

Ion Ratio Lower Upper

184 100

185 14.1 12.6 18.8

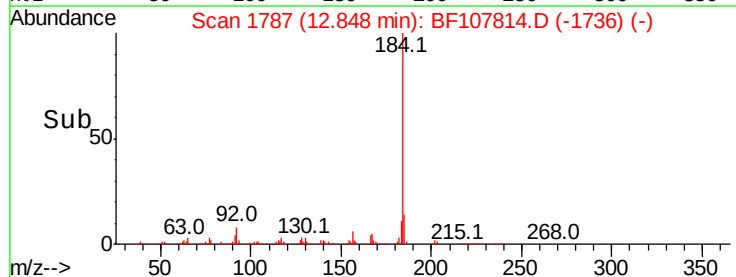
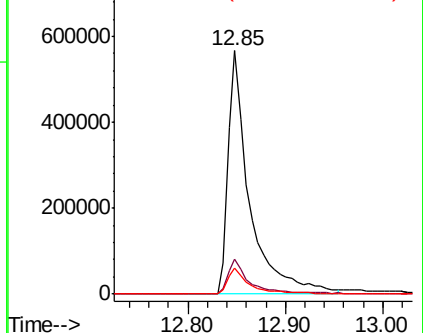
183 10.9 9.3 13.9

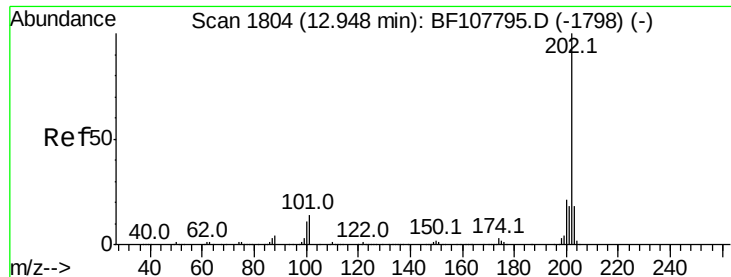


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 79.077 ng

RT: 12.95 min Scan# 1805

Delta R.T. 0.01 min

Lab File: BF107814.D

Acq: 30 Jul 2018 21:40

Instrument :

BNA_F

ClientSampleId :

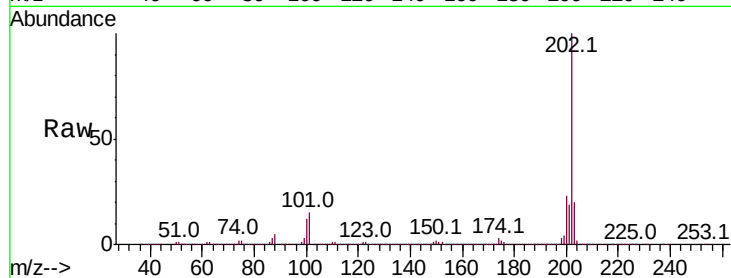
Tot Ion:202 Resp: 2673505

Ion Ratio Lower Upper

202 100

200 22.7 17.4 26.2

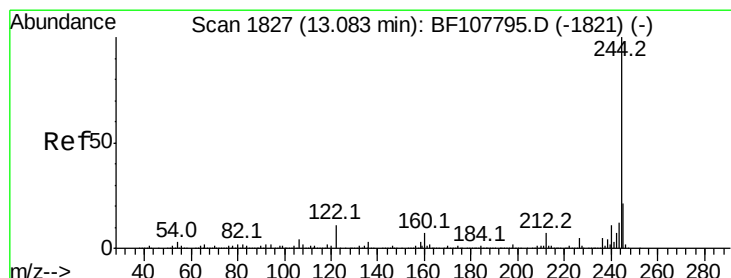
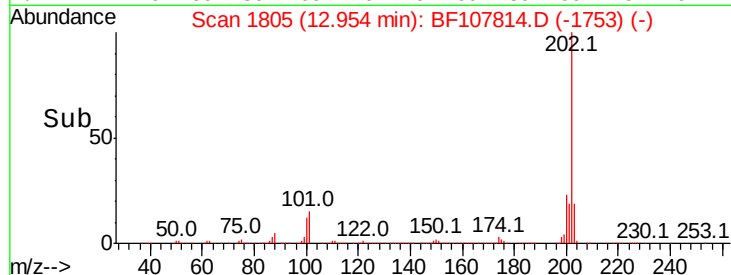
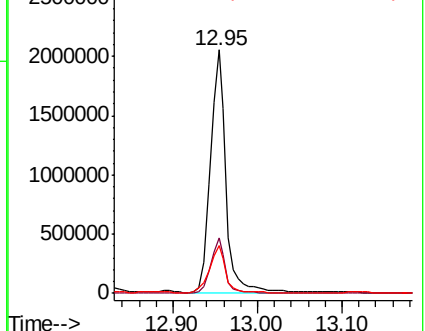
203 19.7 14.3 21.5



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: 93.110 ng

RT: 13.08 min Scan# 1827

Delta R.T. 0.00 min

Lab File: BF107814.D

Acq: 30 Jul 2018 21:40

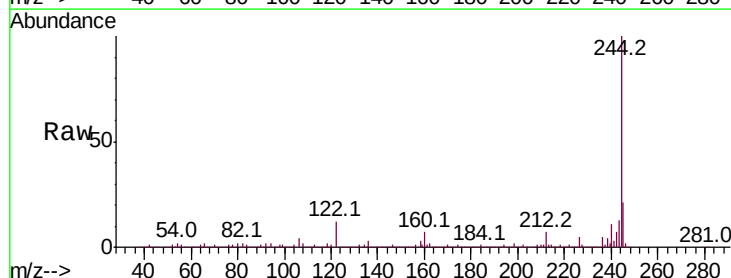
Tgt Ion:244 Resp: 2016035

Ion Ratio Lower Upper

244 100

212 7.2 5.4 8.0

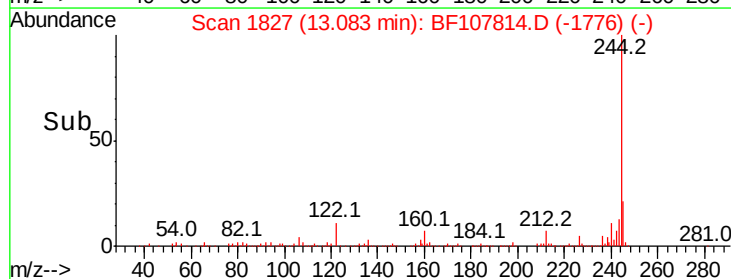
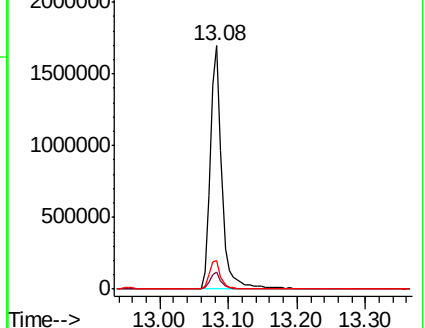
122 11.5 11.0 16.4

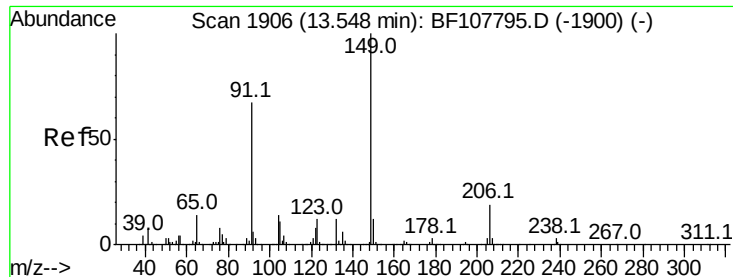


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

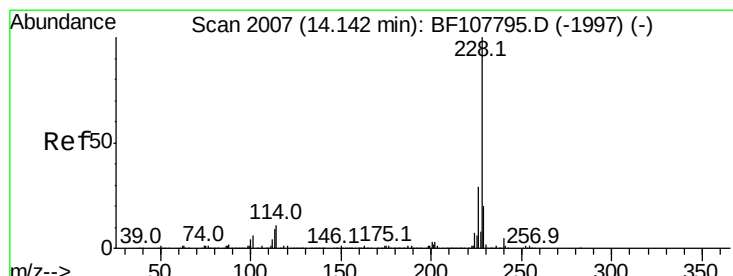
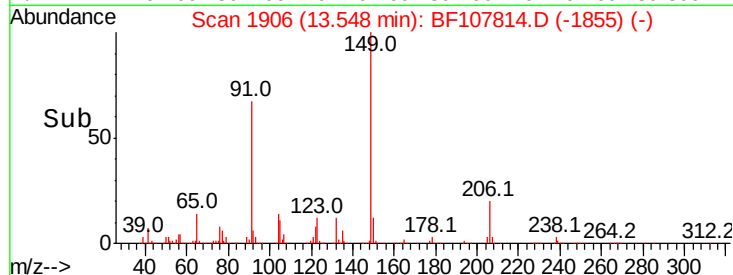
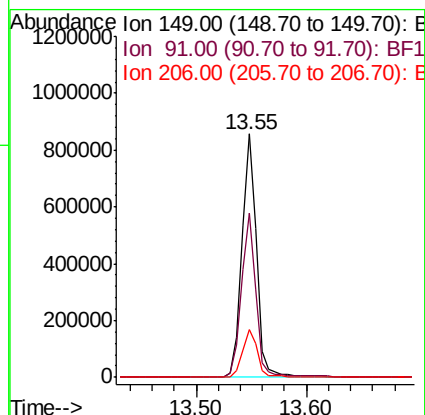
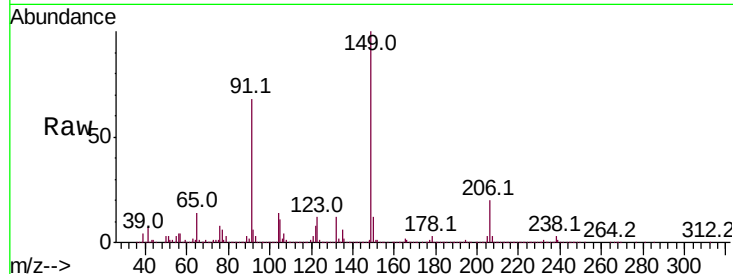




#79
Butylbenzylphthalate
Concen: 53.714 ng
RT: 13.55 min Scan# 1906
Delta R.T. 0.00 min
Lab File: BF107814.D
Acq: 30 Jul 2018 21:40

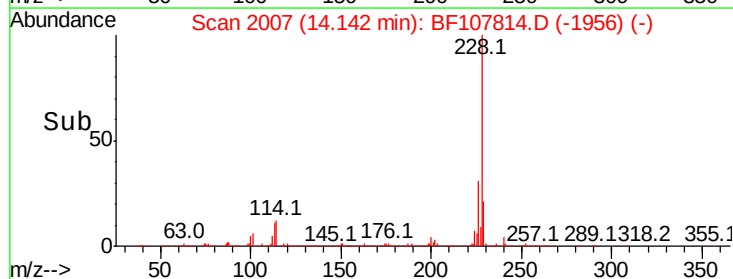
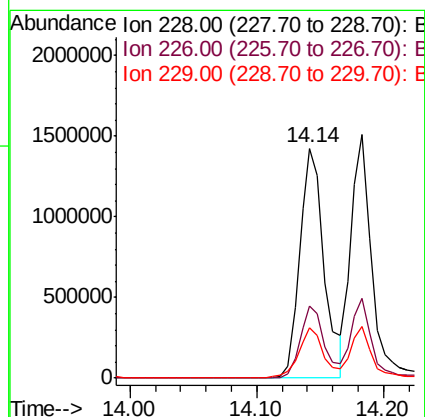
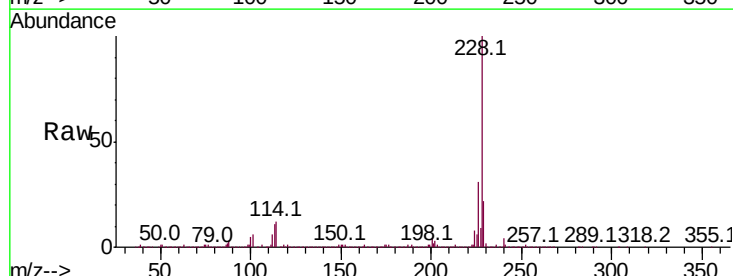
Instrument :
BNA_F
ClientSampleId :

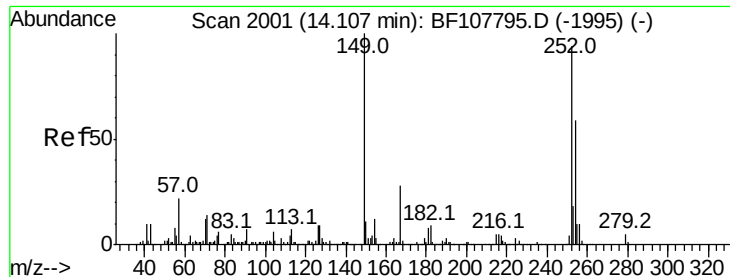
Tot Ion:149 Resp: 795258
Ion Ratio Lower Upper
149 100
91 67.6 56.8 85.2
206 19.8 14.1 21.1



#80
Benzo(a)anthracene
Concen: 71.713 ng
RT: 14.14 min Scan# 2007
Delta R.T. 0.00 min
Lab File: BF107814.D
Acq: 30 Jul 2018 21:40

Tgt Ion:228 Resp: 1907314
Ion Ratio Lower Upper
228 100
226 31.2 22.6 33.8
229 21.7 15.8 23.6

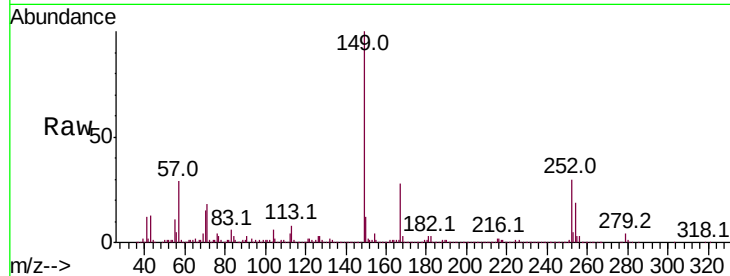




#81
 3,3'-Dichlorobenzidine
 Concen: 37.543 ng
 RT: 14.10 min Scan# 2000
 Delta R.T. -0.01 min
 Lab File: BF107814.D
 Acq: 30 Jul 2018 21:40

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
252	100		
254	64.9	50.4	75.6
126	11.4	11.3	16.9

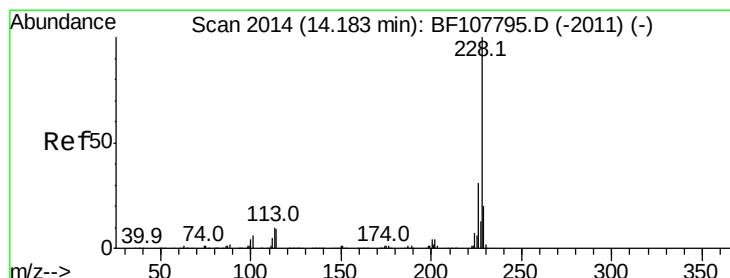
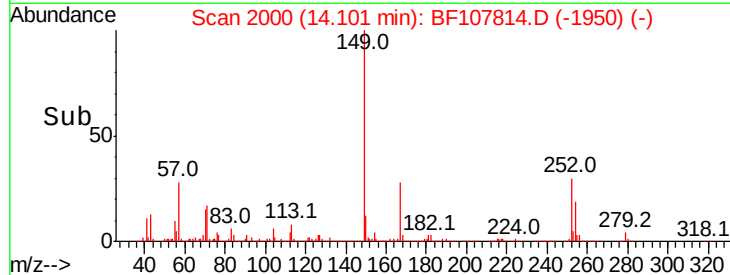
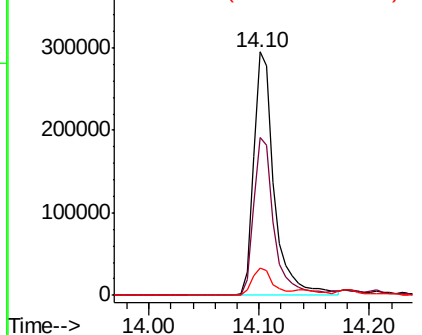


Abundance

Ion 252.00 (251.70 to 252.70): E

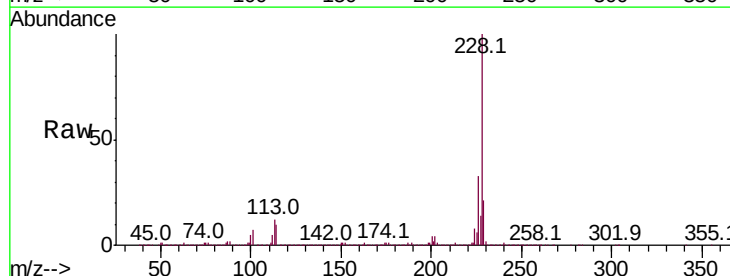
Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E



#82
 Chrysene
 Concen: 60.853 ng
 RT: 14.18 min Scan# 2014
 Delta R.T. 0.00 min
 Lab File: BF107814.D
 Acq: 30 Jul 2018 21:40

Tgt Ion	Ratio	Lower	Upper
228	100		
226	32.8	25.0	37.6
229	21.4	16.2	24.4

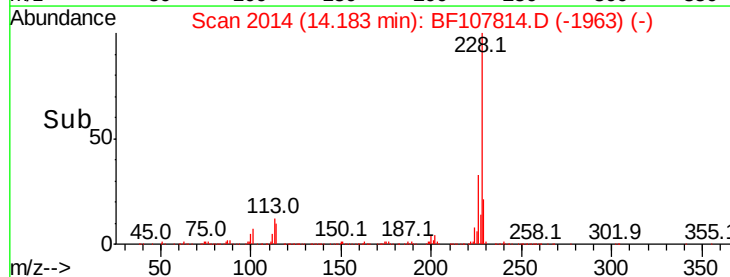
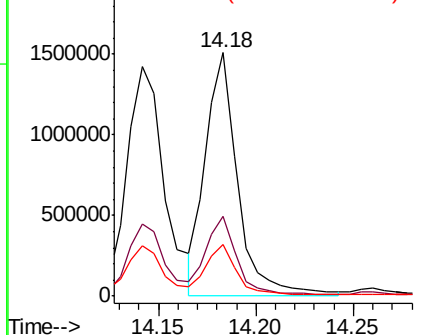


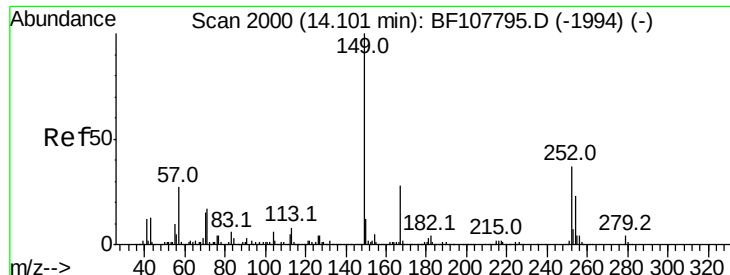
Abundance

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

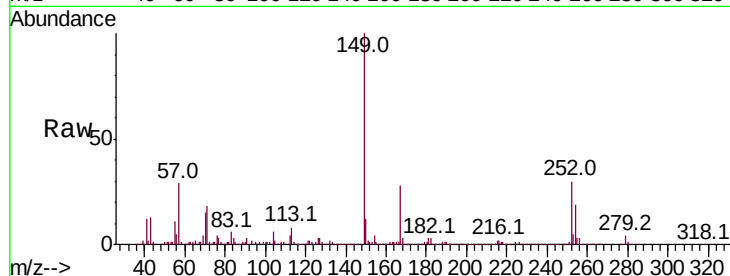




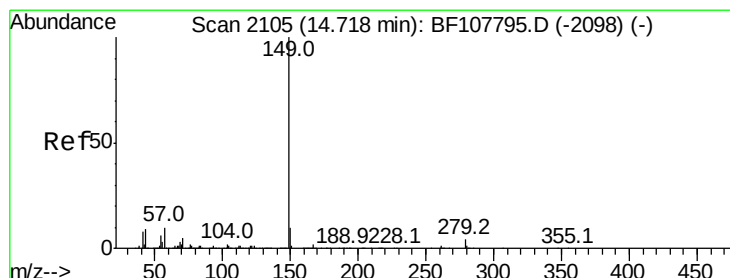
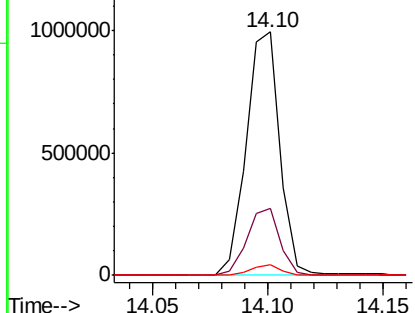
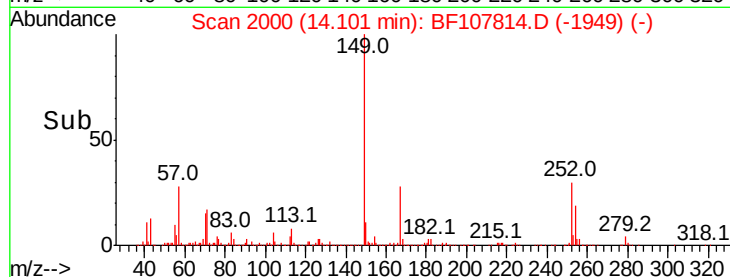
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 53.907 ng
 RT: 14.10 min Scan# 2000
 Delta R.T. 0.00 min
 Lab File: BF107814.D
 Acq: 30 Jul 2018 21:40

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:149 Resp: 1003345
 Ion Ratio Lower Upper
 149 100
 167 27.7 21.3 31.9
 279 4.4 3.0 4.4

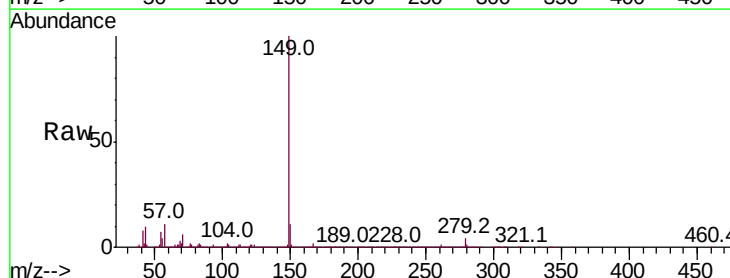


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

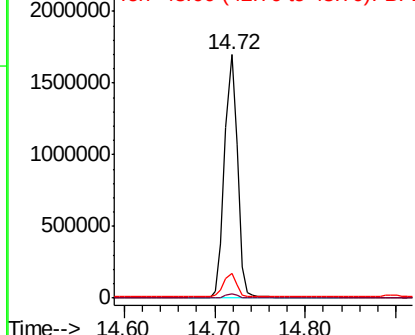
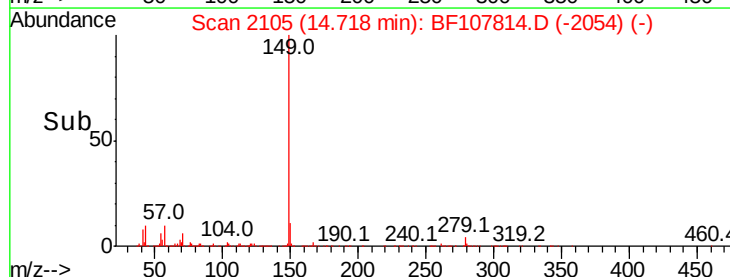


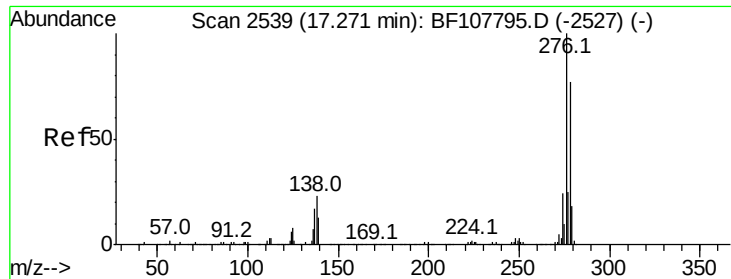
#84
 Di-n-octyl phthalate
 Concen: 55.496 ng
 RT: 14.72 min Scan# 2105
 Delta R.T. 0.00 min
 Lab File: BF107814.D
 Acq: 30 Jul 2018 21:40

Tgt Ion:149 Resp: 1657935
 Ion Ratio Lower Upper
 149 100
 167 1.6 1.2 1.8
 43 9.8 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



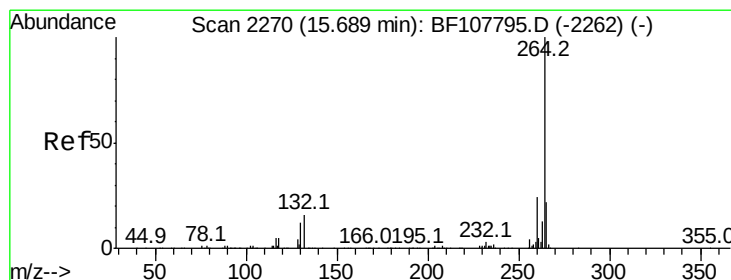
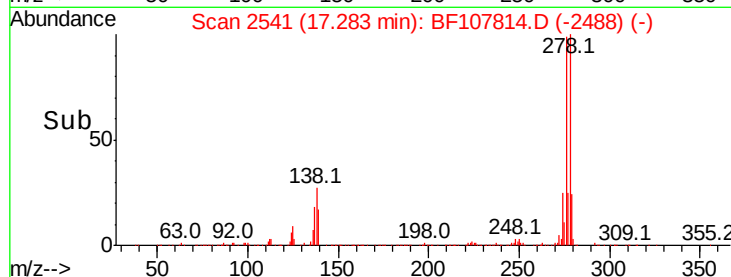
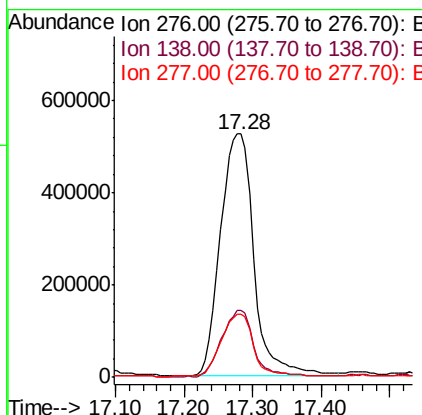
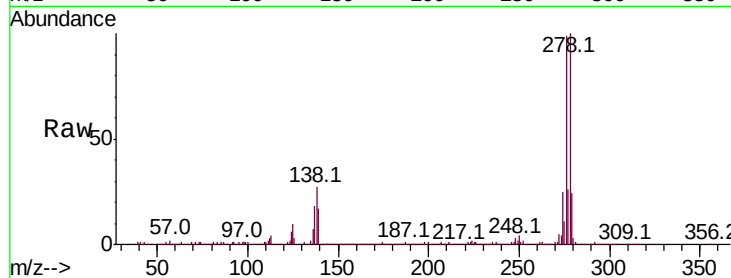


#85
 Indeno(1,2,3-cd)pyrene
 Concen: 81.319 ng
 RT: 17.28 min Scan# 2541
 Delta R.T. 0.01 min
 Lab File: BF107814.D
 Acq: 30 Jul 2018 21:40

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:276 Resp: 1774380

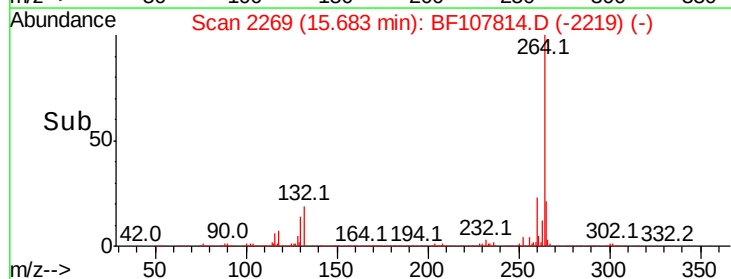
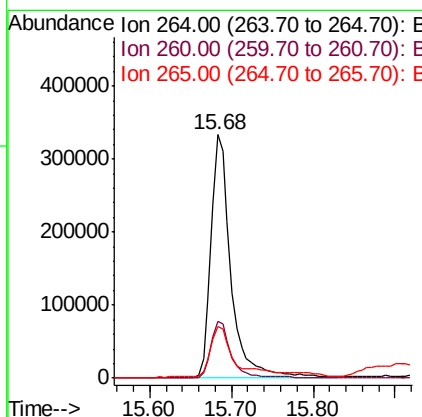
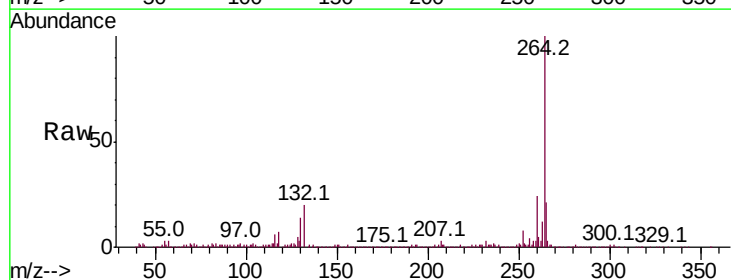
Ion	Ratio	Lower	Upper
276	100		
138	26.2	25.0	37.6
277	25.1	20.1	30.1

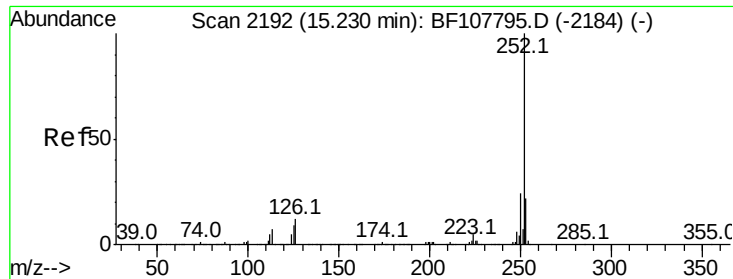


#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.68 min Scan# 2269
 Delta R.T. -0.01 min
 Lab File: BF107814.D
 Acq: 30 Jul 2018 21:40

Tgt Ion:264 Resp: 564526

Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.2	28.8
265	21.2	17.5	26.3

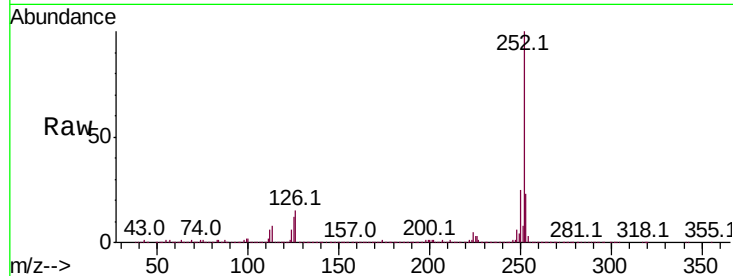




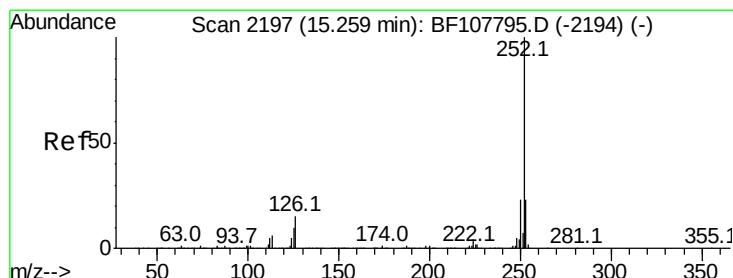
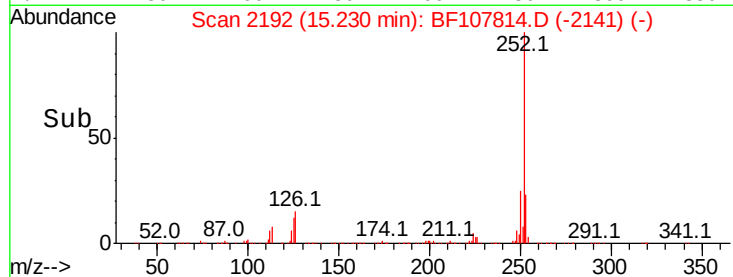
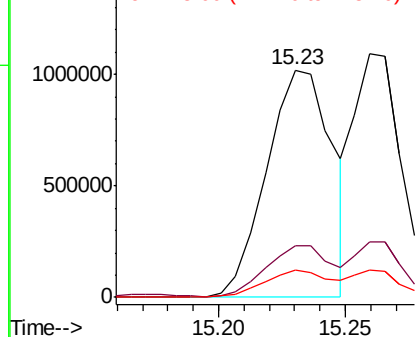
#87
Benzo(b)fluoranthene
Concen: 65.605 ng
RT: 15.23 min Scan# 2192
Delta R.T. 0.00 min
Lab File: BF107814.D
Acq: 30 Jul 2018 21:40

Instrument :
BNA_F
ClientSampled :

Tot Ion:252 Resp: 1826605
Ion Ratio Lower Upper
252 100
253 22.9 17.0 25.6
125 11.8 9.0 13.6

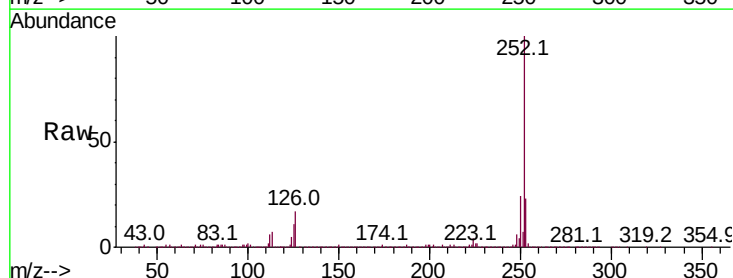


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

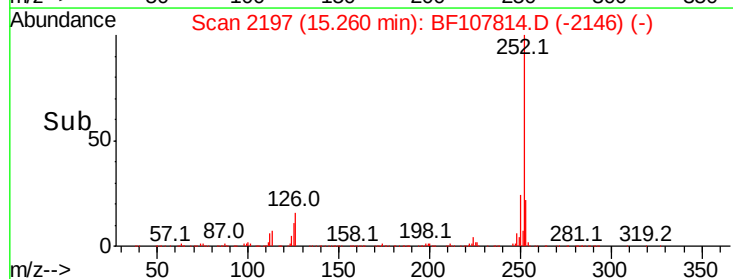
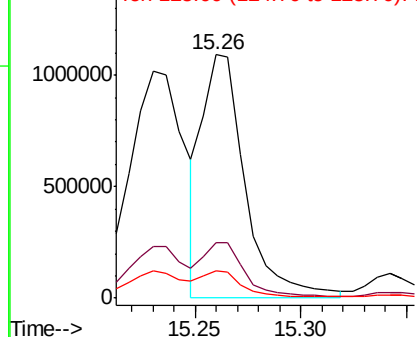


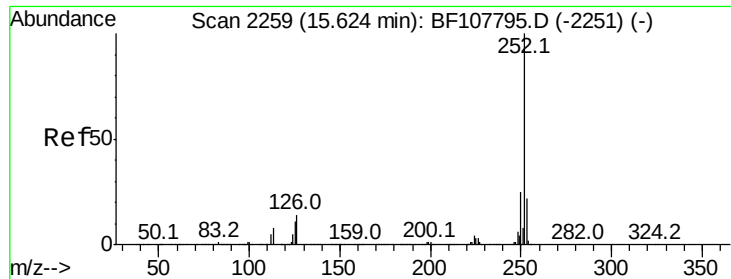
#88
Benzo(k)fluoranthene
Concen: 44.810 ng
RT: 15.26 min Scan# 2197
Delta R.T. 0.00 min
Lab File: BF107814.D
Acq: 30 Jul 2018 21:40

Tgt Ion:252 Resp: 1531770
Ion Ratio Lower Upper
252 100
253 22.6 17.9 26.9
125 11.4 10.2 15.2



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





#89

Benzo(a)pyrene

Concen: 60.718 ng

RT: 15.62 min Scan# 2259

Delta R.T. 0.00 min

Lab File: BF107814.D

Acq: 30 Jul 2018 21:40

Instrument :

BNA_F

ClientSampleId :

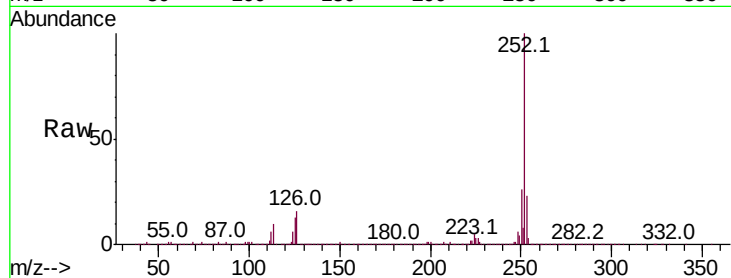
Tot Ion:252 Resp: 1745219

Ion Ratio Lower Upper

252 100

253 23.3 17.1 25.7

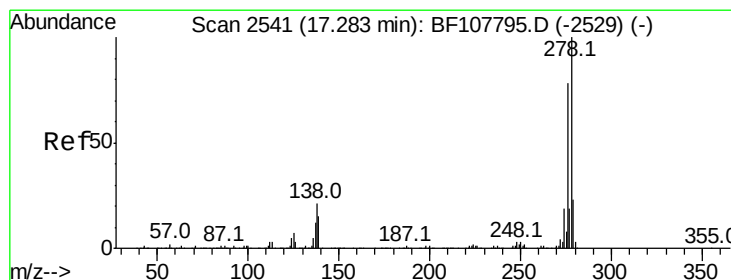
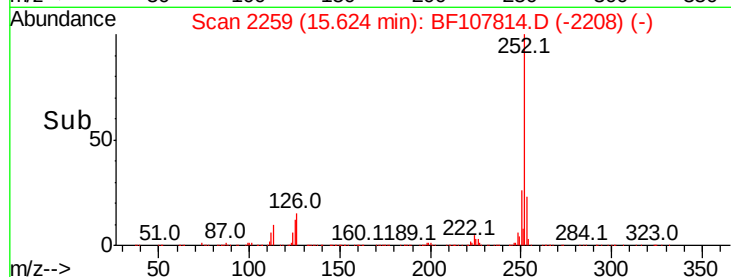
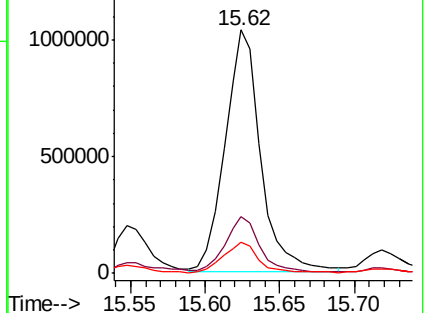
125 12.6 9.8 14.6



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 53.513 ng

RT: 17.29 min Scan# 2542

Delta R.T. 0.01 min

Lab File: BF107814.D

Acq: 30 Jul 2018 21:40

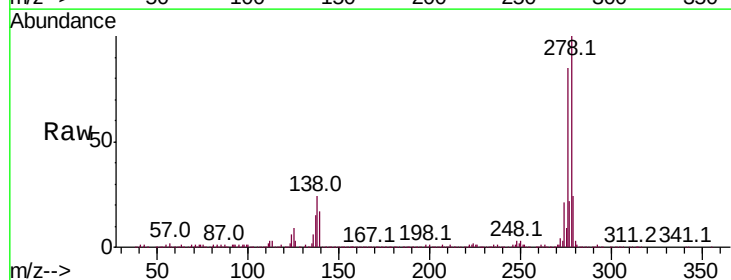
Tgt Ion:278 Resp: 1341694

Ion Ratio Lower Upper

278 100

139 17.0 15.9 23.9

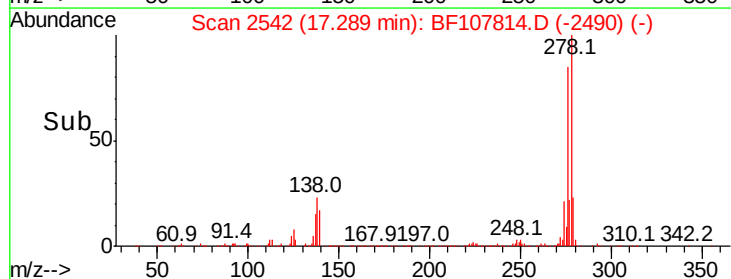
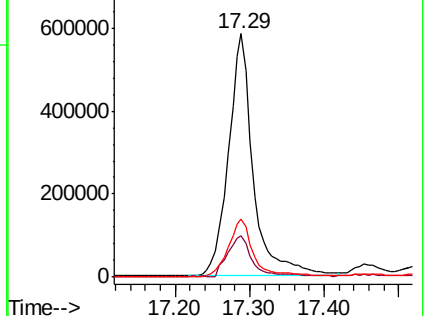
279 23.6 19.0 28.4

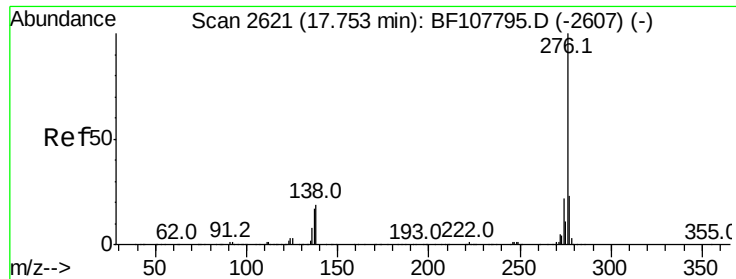


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91
 Benzo(a,h,i)perylene
 Concen: 60.888 ng
 RT: 17.76 min Scan# 2622
 Delta R.T. 0.01 min
 Lab File: BF107814.D
 Acq: 30 Jul 2018 21:40

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 276 Resp: 1477123
 Ion Ratio Lower Upper
 276 100
 277 24.2 17.9 26.9
 138 24.6 21.8 32.8

