

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF073018\
 Data File : BF107828.D
 Acq On : 31 Jul 2018 4:21
 Operator : JU/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 31 04:55:26 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	178700	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	742920	20.00	ng	0.00
38) Acenaphthene-d10	10.01	164	295785	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	523246	20.00	ng	0.00
75) Chrysene-d12	14.15	240	423595	20.00	ng	0.00
86) Perylene-d12	15.69	264	400771	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	822481	78.22	ng	0.00
7) Phenol-d6	6.61	99	1036805	74.82	ng	0.00
23) Nitrobenzene-d5	7.54	82	973747	75.51	ng	0.00
41) 2,4,6-Tribromophenol	10.80	330	251781	62.65	ng	0.00
44) 2-Fluorobiphenyl	9.32	172	1767367	83.26	ng	0.00
78) Terphenyl-d14	13.08	244	1406251	71.99	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.79	88	176576	37.267	ng	# 84
3) Pyridine	3.59	79	446326	37.703	ng	86
4) n-Nitrosodimethylamine	3.57	42	107112	20.021	ng	99
6) Aniline	6.64	93	576412	39.991	ng	# 73
8) 2-Chlorophenol	6.76	128	492730	37.306	ng	98
9) Benzaldehyde	6.52	77	286370	34.251	ng	98
10) Phenol	6.62	94	540797	32.725	ng	79
11) bis(2-Chloroethyl)ether	6.70	93	439553	29.913	ng	95
12) 1,3-Dichlorobenzene	6.91	146	513891	37.097	ng	99
13) 1,4-Dichlorobenzene	6.98	146	587607	38.106	ng	99
14) 1,2-Dichlorobenzene	7.14	146	523796	36.593	ng	98
15) Benzyl Alcohol	7.11	79	333113	38.675	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.23	45	787696	37.283	ng	69
17) 2-Methylphenol	7.22	107	377003	38.667	ng	# 81
18) Hexachloroethane	7.47	117	164225	29.629	ng	96
19) n-Nitroso-di-n-propylamine	7.37	70	334779	38.084	ng	99
20) 3+4-Methylphenols	7.38	107	457122	38.188	ng	# 61
22) Acetophenone	7.38	105	669234	37.442	ng	# 89
24) Nitrobenzene	7.55	77	495590	36.651	ng	99
25) Isophorone	7.78	82	804978	38.028	ng	98
26) 2-Nitrophenol	7.87	139	246256	36.288	ng	97
27) 2,4-Dimethylphenol	7.90	122	344807	37.951	ng	99
28) bis(2-Chloroethoxy)methane	7.99	93	580145	41.587	ng	98
29) 2,4-Dichlorophenol	8.11	162	392287	38.171	ng	98
30) 1,2,4-Trichlorobenzene	8.18	180	435197	37.120	ng	99
31) Naphthalene	8.27	128	1338237	38.751	ng	99
32) Benzoic acid	8.02	122	112592	19.249	ng	97
33) 4-Chloroaniline	8.32	127	546620	37.057	ng	99
34) Hexachlorobutadiene	8.37	225	262063	36.171	ng	99
35) Caprolactam	8.70	113	113970	36.838	ng	# 79
36) 4-Chloro-3-methylphenol	8.81	107	406998	36.465	ng	98
37) 2-Methylnaphthalene	8.96	142	822139	37.900	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.12	216	415236	41.174	ng	# 97
40) Hexachlorocyclopentadiene	9.10	237	28270	13.323	ng	100

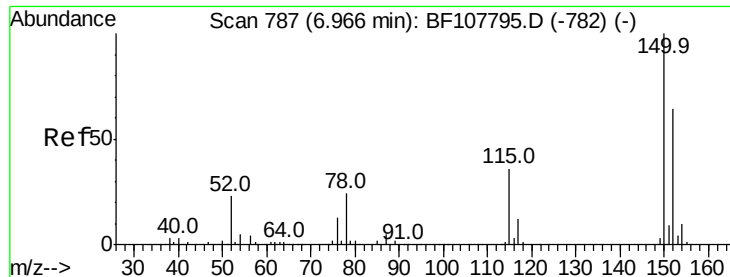
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF073018\
 Data File : BF107828.D
 Acq On : 31 Jul 2018 4:21
 Operator : JU/SJ
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 31 04:55:26 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	239382	42.937	ng	99
43) 2,4,5-Trichlorophenol	9.30	196	261454	38.954	ng	95
45) 1,1'-Biphenyl	9.42	154	1128007	41.905	ng	98
46) 2-Chloronaphthalene	9.45	162	830425	40.910	ng	98
47) 2-Nitroaniline	9.56	65	279959	42.401	ng	91
48) Acenaphthylene	9.87	152	1194403	37.954	ng	99
49) Dimethylphthalate	9.72	163	911750	41.045	ng	99
50) 2,6-Dinitrotoluene	9.79	165	185913	38.512	ng	# 87
51) Acenaphthene	10.04	154	712556	38.979	ng	100
52) 3-Nitroaniline	9.98	138	244605	40.210	ng	100
53) 2,4-Dinitrophenol	10.11	184	12200	12.729	ng	# 72
54) Dibenzofuran	10.21	168	1067374	37.777	ng	100
55) 4-Nitrophenol	10.18	139	47881	24.090	ng	92
56) 2,4-Dinitrotoluene	10.20	165	217072	34.212	ng	# 94
57) Fluorene	10.56	166	778926	35.473	ng	93
58) 2,3,4,6-Tetrachlorophenol	10.34	232	191209	31.017	ng	# 85
59) Diethylphthalate	10.41	149	912657	38.213	ng	98
60) 4-Chlorophenyl-phenylether	10.54	204	438764	36.679	ng	92
61) 4-Nitroaniline	10.60	138	211365	39.153	ng	95
62) Azobenzene	10.71	77	833064	37.452	ng	94
64) 4,6-Dinitro-2-methylphenol	10.61	198	35290	12.397	ng	85
65) n-Nitrosodiphenylamine	10.67	169	744887	43.234	ng	98
66) 4-Bromophenyl-phenylether	11.04	248	237100	38.877	ng	# 89
67) Hexachlorobenzene	11.11	284	252413	37.323	ng	# 85
68) Atrazine	11.19	200	196485	38.532	ng	95
69) Pentachlorophenol	11.31	266	106781	32.074	ng	97
70) Phenanthrene	11.52	178	941964	37.913	ng	98
71) Anthracene	11.58	178	1103132	38.494	ng	99
72) Carbazole	11.74	167	1083858	38.272	ng	98
73) Di-n-butylphthalate	12.04	149	1245252	40.305	ng	100
74) Fluoranthene	12.72	202	1051616	36.029	ng	98
76) Benzidine	12.85	184	550012	40.159	ng	97
77) Pyrene	12.95	202	1074342	35.222	ng	98
79) Butylbenzylphthalate	13.55	149	478917	35.854	ng	96
80) Benzo(a)anthracene	14.14	228	901928	37.588	ng	99
81) 3,3'-Dichlorobenzidine	14.10	252	378088	40.648	ng	99
82) Chrysene	14.18	228	980142	37.871	ng	100
83) Bis(2-ethylhexyl)phthalate	14.10	149	615978	36.683	ng	99
84) Di-n-octyl phthalate	14.72	149	1116912	41.439	ng	99
85) Indeno(1,2,3-cd)pyrene	17.28	276	784281	39.840	ng	95
87) Benzo(b)fluoranthene	15.23	252	788613	39.897	ng	98
88) Benzo(k)fluoranthene	15.26	252	848645	34.970	ng	98
89) Benzo(a)pyrene	15.62	252	743677	36.445	ng	99
90) Dibenzo(a,h)anthracene	17.28	278	671140	37.706	ng	98
91) Benzo(g,h,i)perylene	17.75	276	630527	36.610	ng	93

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

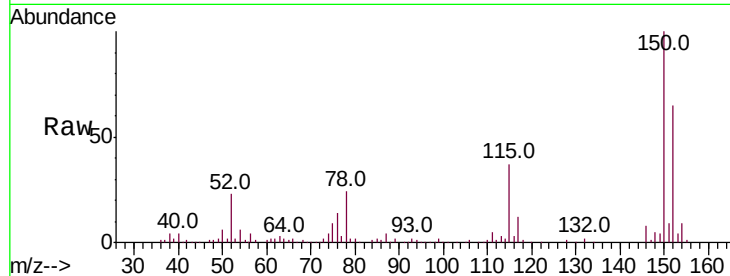


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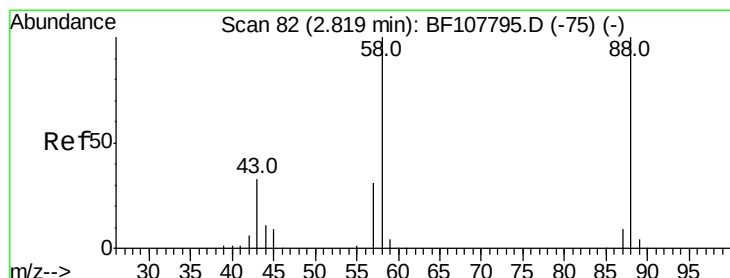
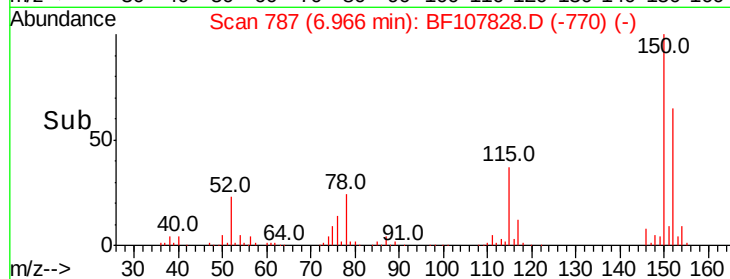
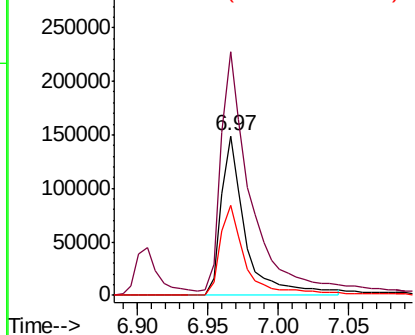
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 787
Delta R.T. 0.00 min
Lab File: BF107828.D
Acq: 31 Jul 2018 4:21

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 178700
Ion Ratio Lower Upper
152 100
150 152.8 124.6 186.8
115 56.8 50.1 75.1



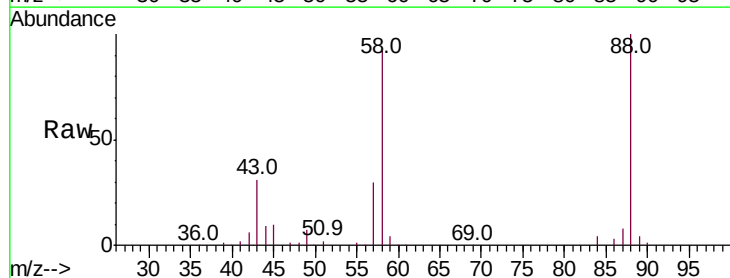
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



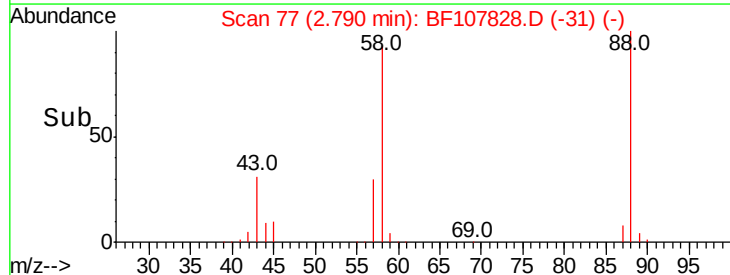
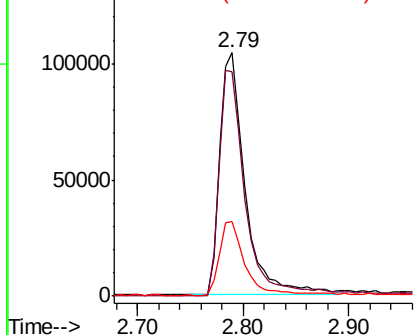
#2

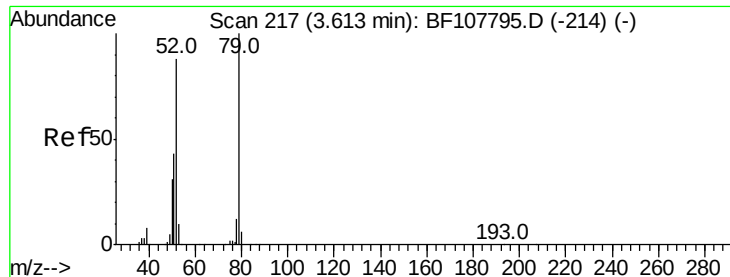
1,4-Dioxane
Concen: 37.267 ng
RT: 2.79 min Scan# 77
Delta R.T. -0.03 min
Lab File: BF107828.D
Acq: 31 Jul 2018 4:21

Tgt Ion: 88 Resp: 176576
Ion Ratio Lower Upper
88 100
58 98.1 62.6 93.8#
43 30.6 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: 37.703 ng

RT: 3.59 min Scan# 213

Delta R.T. -0.02 min

Lab File: BF107828.D

Acq: 31 Jul 2018 4:21

Instrument :

BNA_F

ClientSampleId :

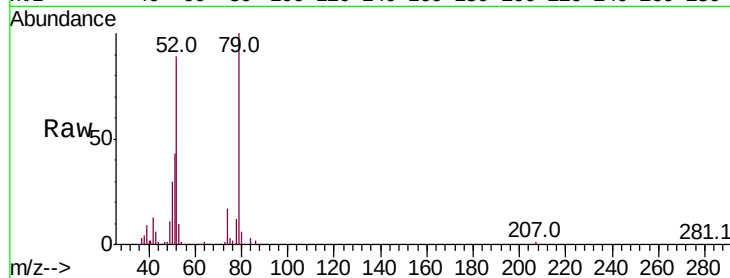
Tot Ion: 79 Resp: 446326

Ion Ratio Lower Upper

79 100

52 89.3 59.8 89.6

51 42.8 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

150000

100000

50000

0

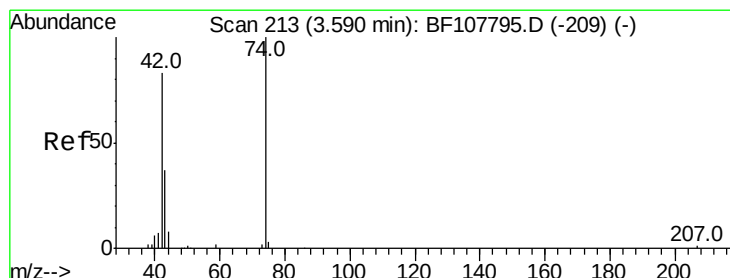
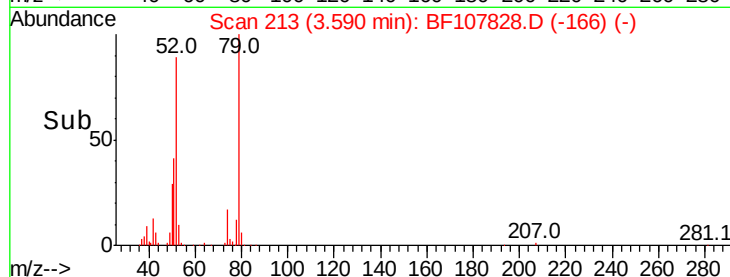
3.59

3.60

3.80

4.00

Time-->



#4

n-Nitrosodimethylamine

Concen: 20.021 ng

RT: 3.57 min Scan# 209

Delta R.T. -0.02 min

Lab File: BF107828.D

Acq: 31 Jul 2018 4:21

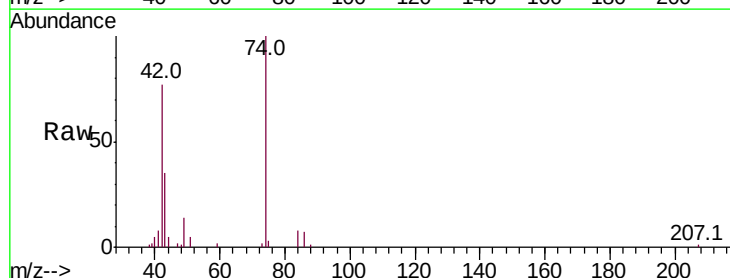
Tgt Ion: 42 Resp: 107112

Ion Ratio Lower Upper

42 100

74 130.3 104.9 157.3

44 7.1 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

60000

50000

40000

30000

20000

10000

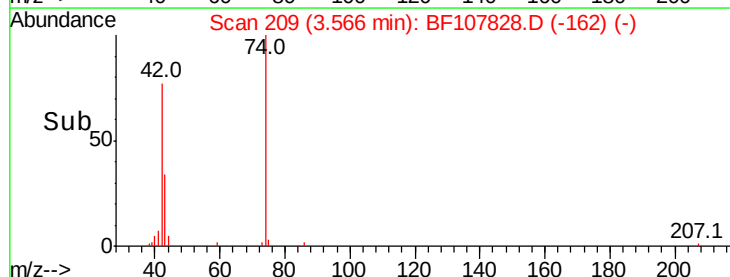
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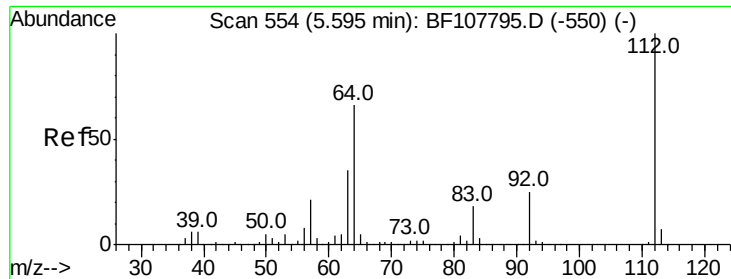
3.57

3.50

3.70

Time-->





#5

2-Fluorophenol

Concen: 78.223 ng

RT: 5.60 min Scan# 554

Delta R.T. 0.00 min

Lab File: BF107828.D

Acq: 31 Jul 2018 4:21

Instrument :

BNA_F

ClientSampleId :

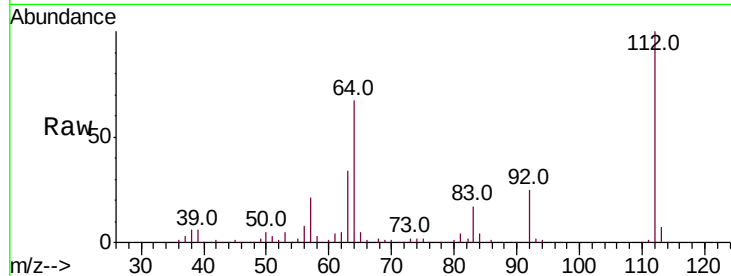
Tot Ion:112 Resp: 822481

Ion Ratio Lower Upper

112 100

64 66.7 47.9 71.9

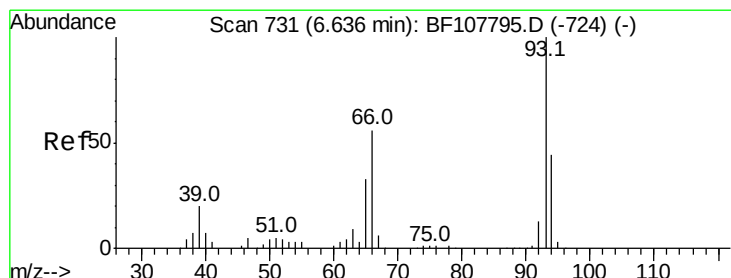
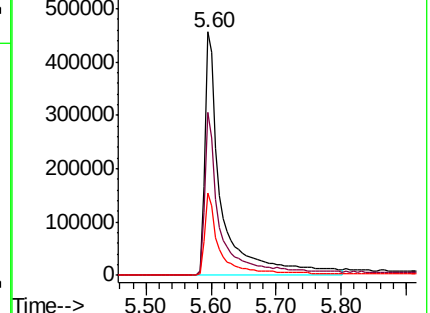
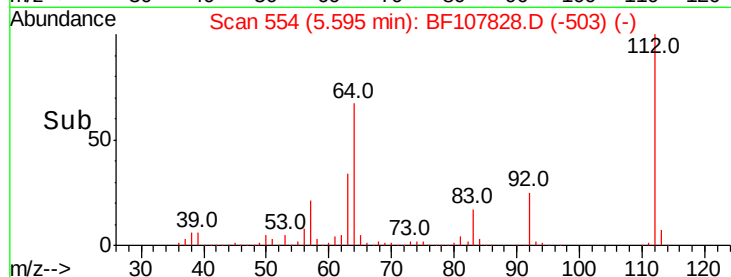
63 34.0 23.7 35.5



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: 39.991 ng

RT: 6.64 min Scan# 731

Delta R.T. 0.00 min

Lab File: BF107828.D

Acq: 31 Jul 2018 4:21

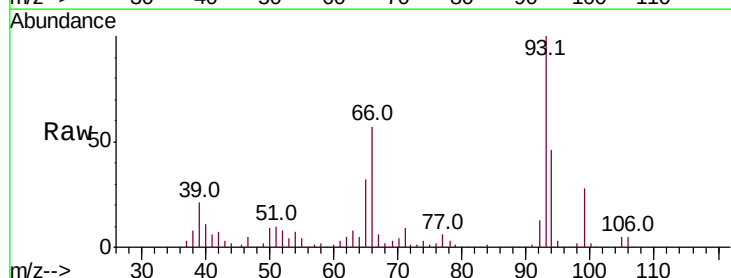
Tgt Ion: 93 Resp: 576412

Ion Ratio Lower Upper

93 100

66 57.5 32.2 48.2#

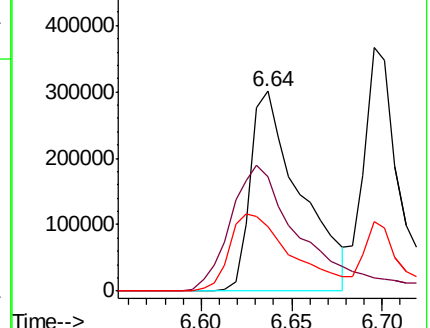
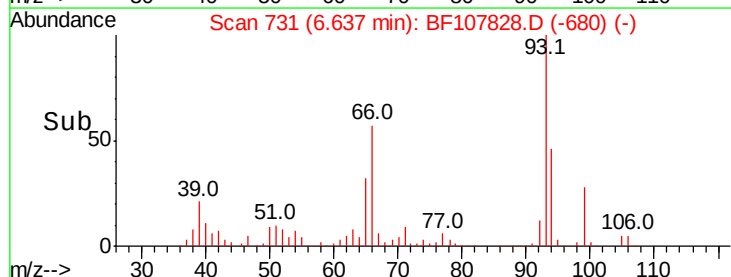
65 32.3 16.4 24.6#

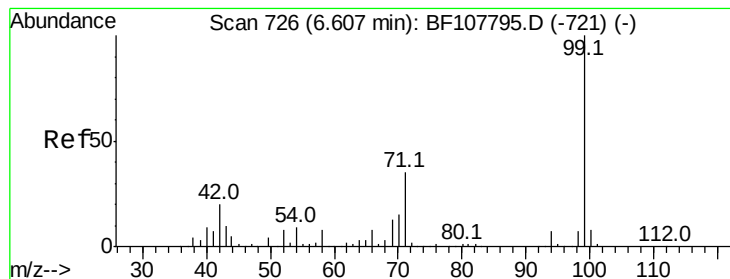


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 74.819 ng

RT: 6.61 min Scan# 726

Delta R.T. 0.00 min

Lab File: BF107828.D

Acq: 31 Jul 2018 4:21

Instrument :

BNA_F

ClientSampleId :

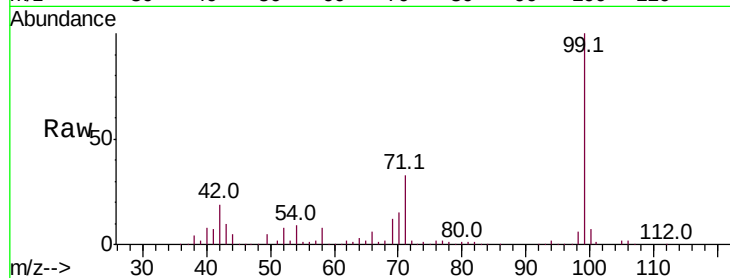
Tot Ion: 99 Resp: 1036805

Ion Ratio Lower Upper

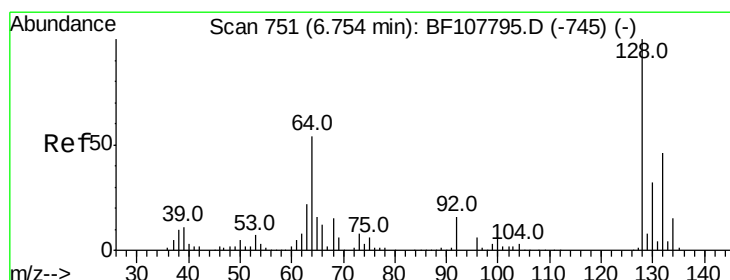
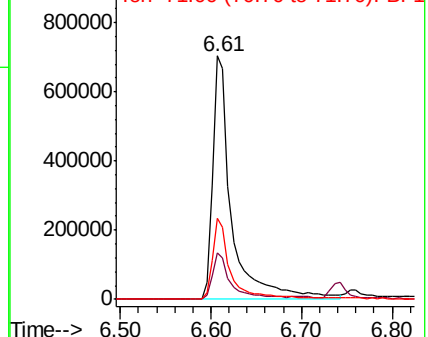
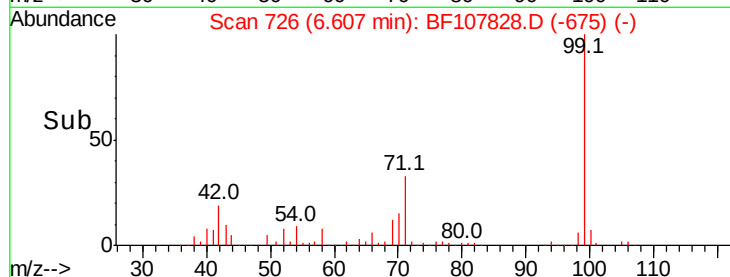
99 100

42 19.3 14.5 21.7

71 33.1 25.4 38.0



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



#8

2-Chlorophenol

Concen: 37.306 ng

RT: 6.76 min Scan# 752

Delta R.T. 0.01 min

Lab File: BF107828.D

Acq: 31 Jul 2018 4:21

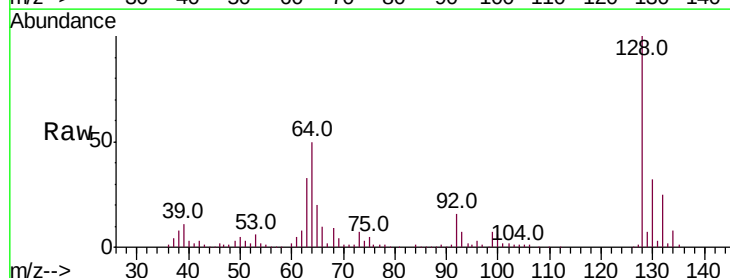
Tgt Ion: 128 Resp: 492730

Ion Ratio Lower Upper

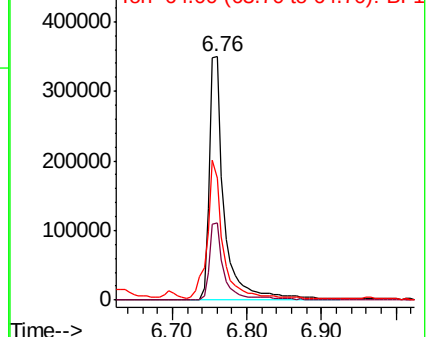
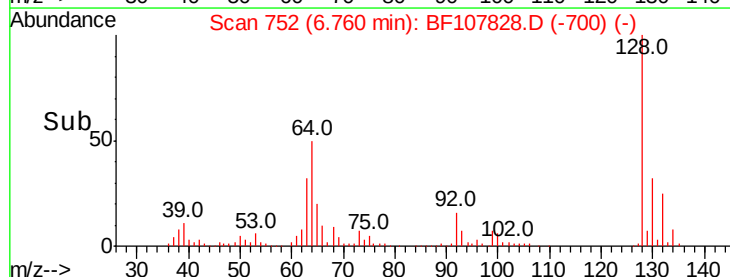
128 100

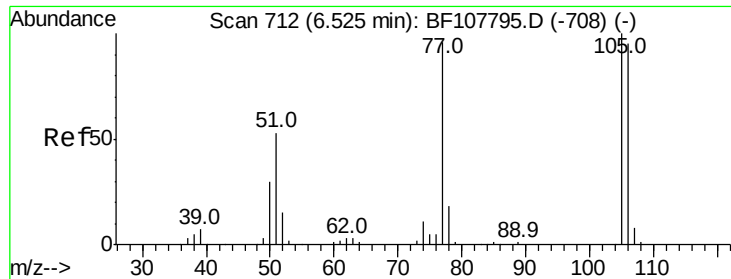
130 31.6 13.0 53.0

64 50.1 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

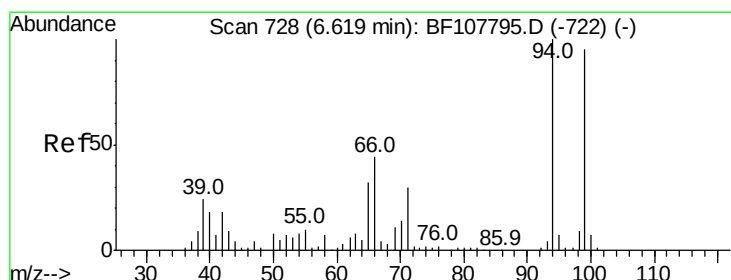
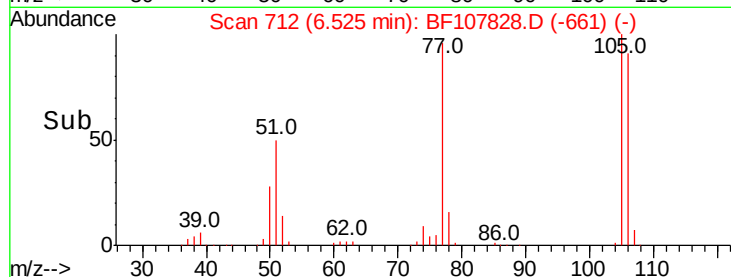
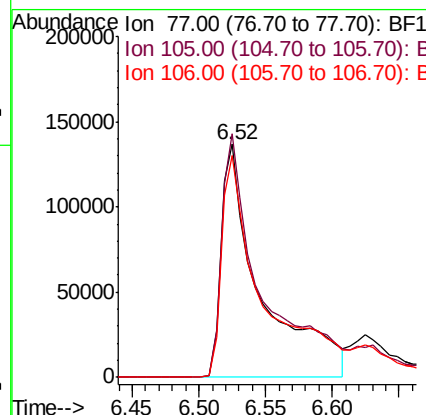
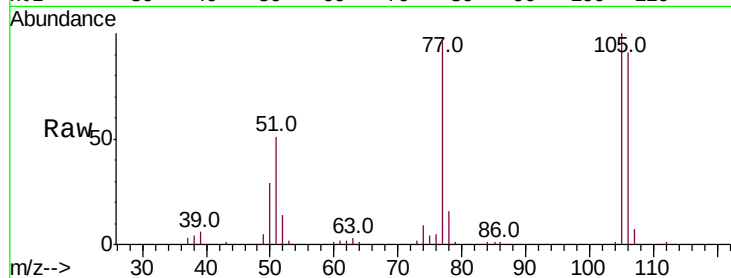




#9
Benzaldehyde
Concen: 34.251 ng
RT: 6.52 min Scan# 712
Delta R.T. 0.00 min
Lab File: BF107828.D
Acq: 31 Jul 2018 4:21

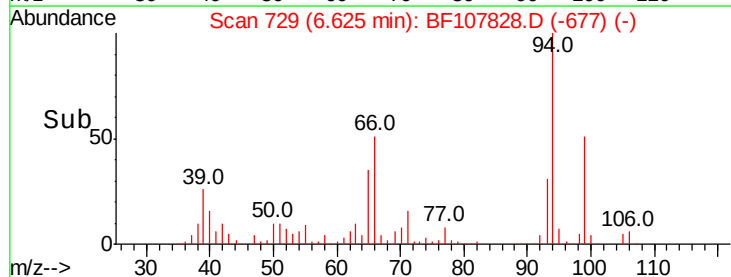
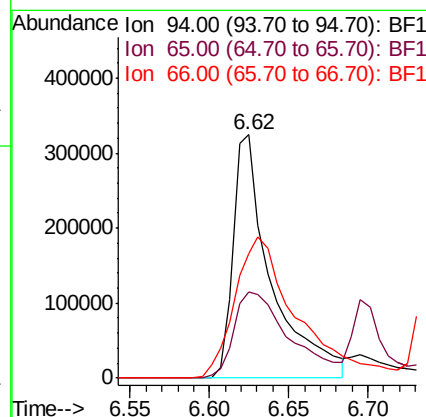
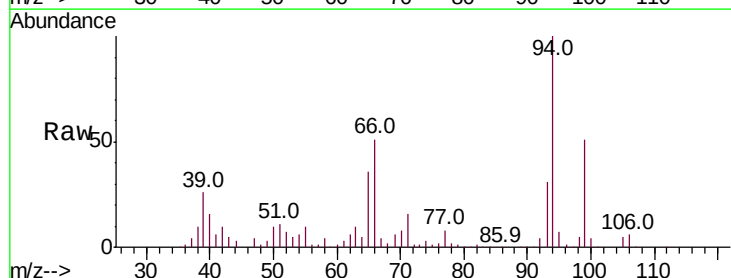
Instrument :
BNA_F
ClientSampled :

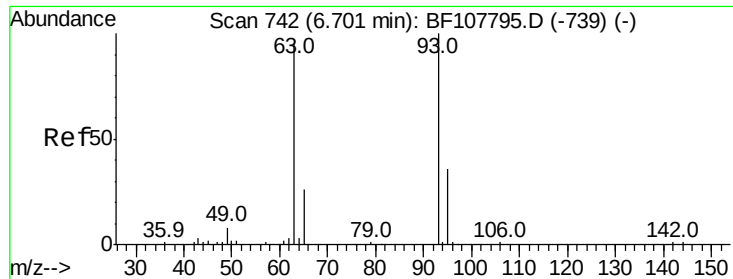
Tot Ion: 77 Resp: 286370
Ion Ratio Lower Upper
77 100
105 104.4 81.1 121.1
106 95.2 74.5 114.5



#10
Phenol
Concen: 32.725 ng
RT: 6.62 min Scan# 729
Delta R.T. 0.01 min
Lab File: BF107828.D
Acq: 31 Jul 2018 4:21

Tgt Ion: 94 Resp: 540797
Ion Ratio Lower Upper
94 100
65 35.6 7.9 47.9
66 51.3 16.2 56.2





#11

bis(2-Chloroethyl)ether

Concen: 29.913 ng

RT: 6.70 min Scan# 741

Delta R.T. -0.01 min

Lab File: BF107828.D

Acq: 31 Jul 2018 4:21

Instrument :

BNA_F

ClientSampleId :

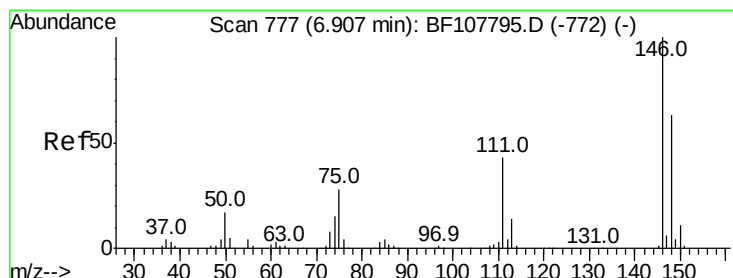
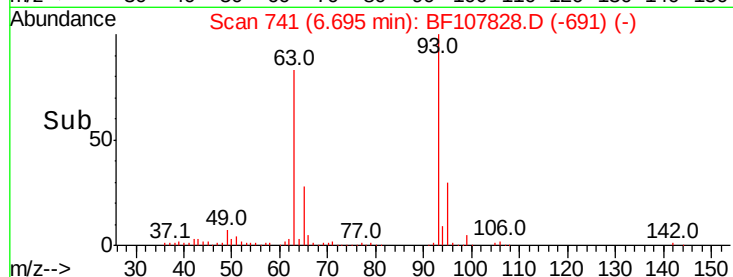
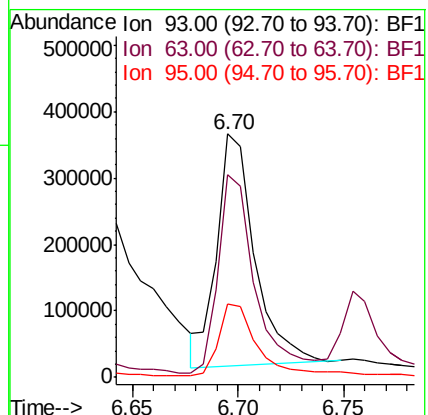
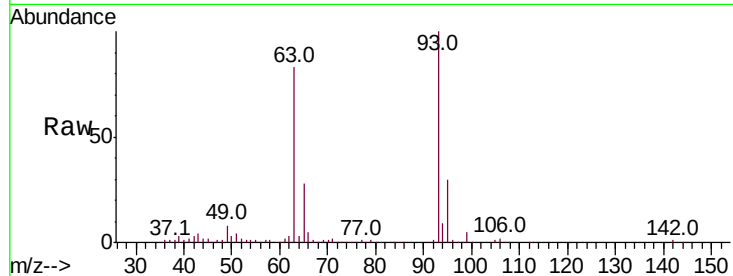
Tot Ion: 93 Resp: 439553

Ion Ratio Lower Upper

93 100

63 83.5 58.6 98.6

95 30.0 11.8 51.8



#12

1,3-Dichlorobenzene

Concen: 37.097 ng

RT: 6.91 min Scan# 777

Delta R.T. 0.00 min

Lab File: BF107828.D

Acq: 31 Jul 2018 4:21

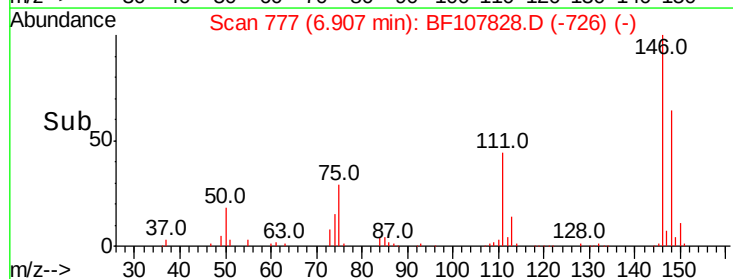
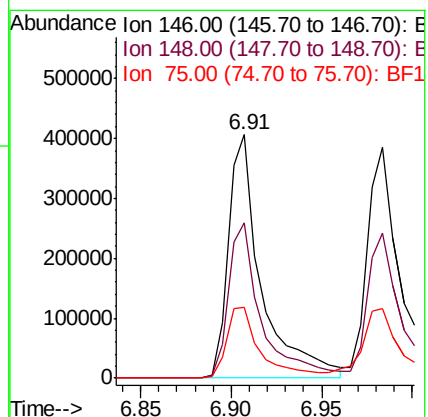
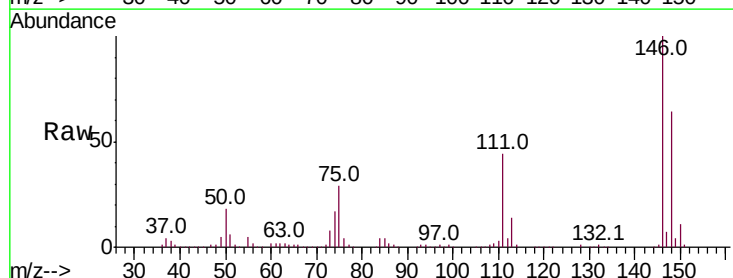
Tgt Ion: 146 Resp: 513891

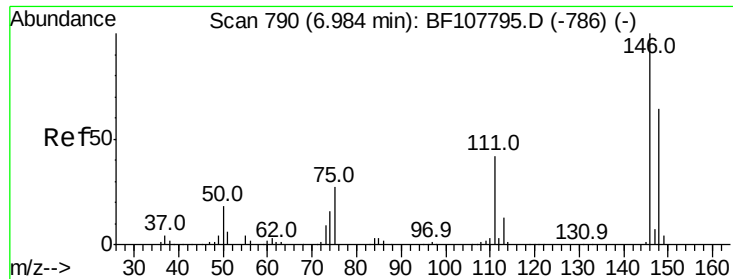
Ion Ratio Lower Upper

146 100

148 63.9 51.8 77.8

75 29.3 24.2 36.4

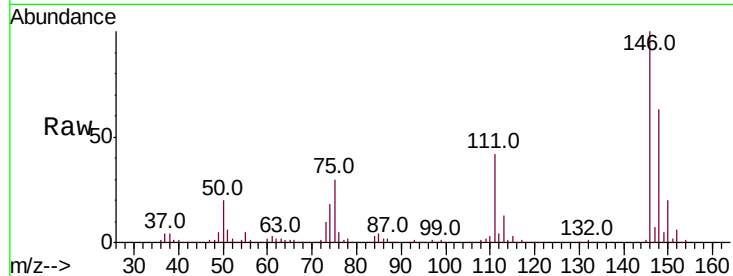




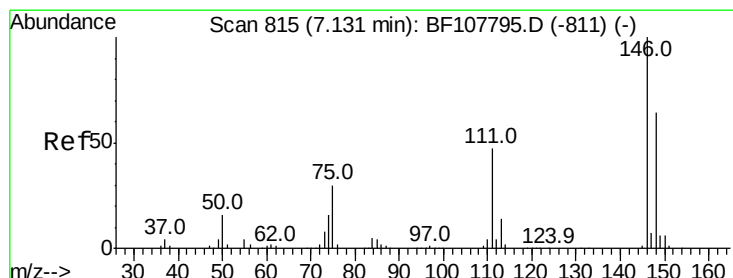
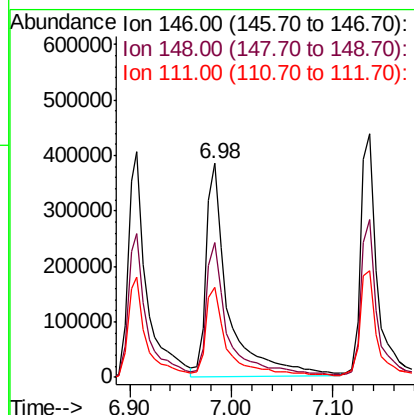
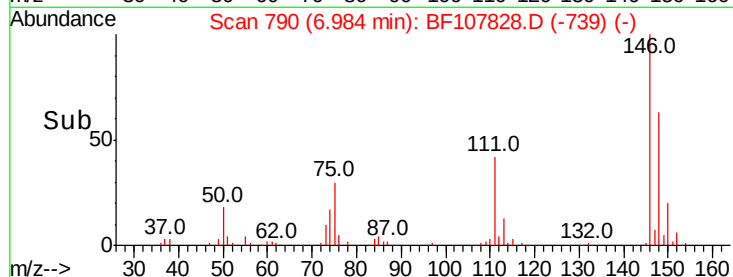
#13
 1,4-Dichlorobenzene
 Concen: 38.106 ng
 RT: 6.98 min Scan# 790
 Delta R.T. 0.00 min
 Lab File: BF107828.D
 Acq: 31 Jul 2018 4:21

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:146 Resp: 587607
 Ion Ratio Lower Upper
 146 100
 148 63.1 50.8 76.2
 111 42.3 34.2 51.2

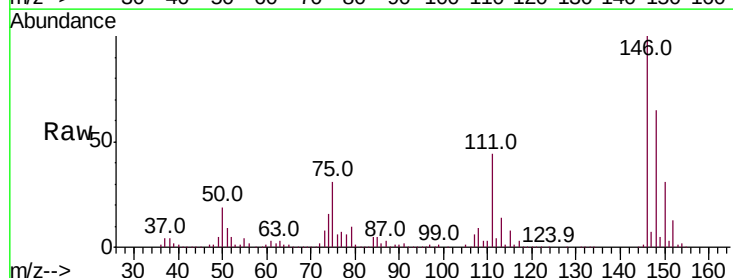


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

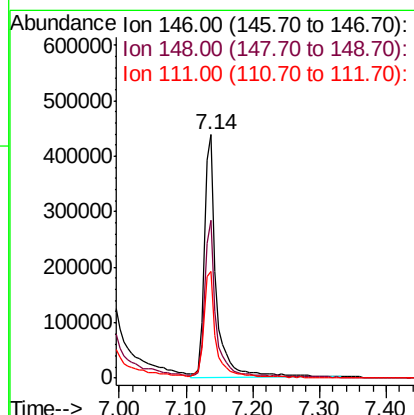
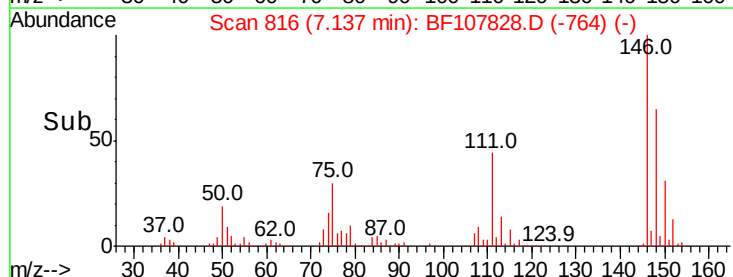


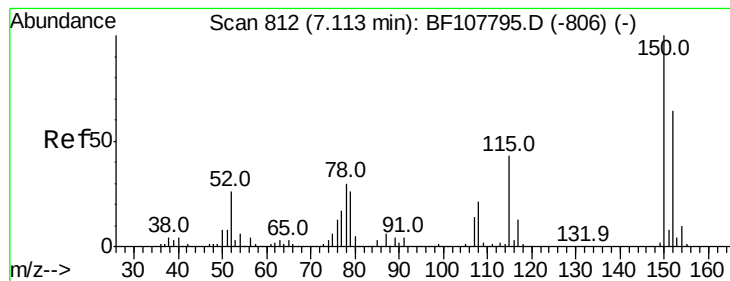
#14
 1,2-Dichlorobenzene
 Concen: 36.593 ng
 RT: 7.14 min Scan# 816
 Delta R.T. 0.01 min
 Lab File: BF107828.D
 Acq: 31 Jul 2018 4:21

Tgt Ion:146 Resp: 523796
 Ion Ratio Lower Upper
 146 100
 148 64.9 50.6 75.8
 111 43.6 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: 38.675 ng

RT: 7.11 min Scan# 812

Delta R.T. 0.00 min

Lab File: BF107828.D

Acq: 31 Jul 2018 4:21

Instrument :

BNA_F

ClientSampled :

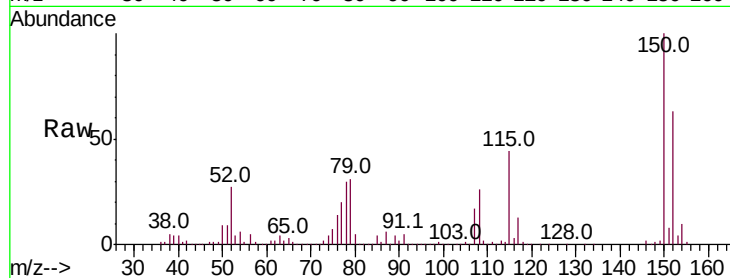
Tot Ion: 79 Resp: 333113

Ion Ratio Lower Upper

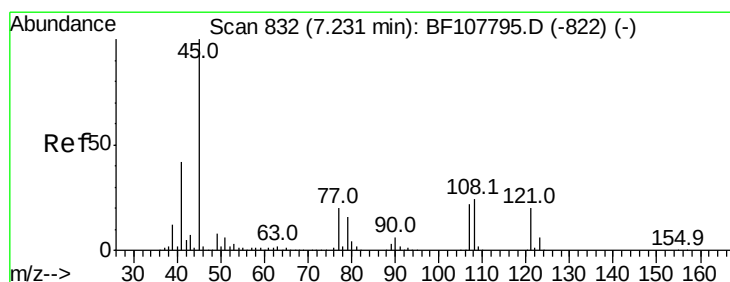
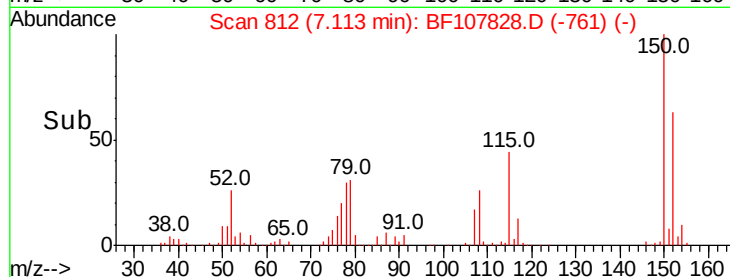
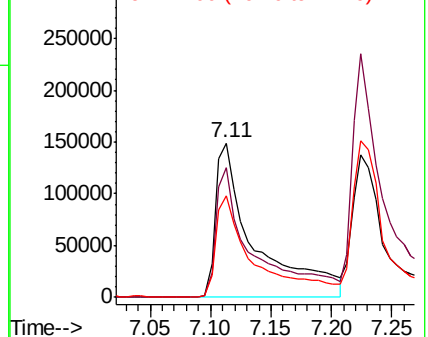
79 100

108 84.2 65.1 97.7

77 66.1 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: 37.283 ng

RT: 7.23 min Scan# 832

Delta R.T. 0.00 min

Lab File: BF107828.D

Acq: 31 Jul 2018 4:21

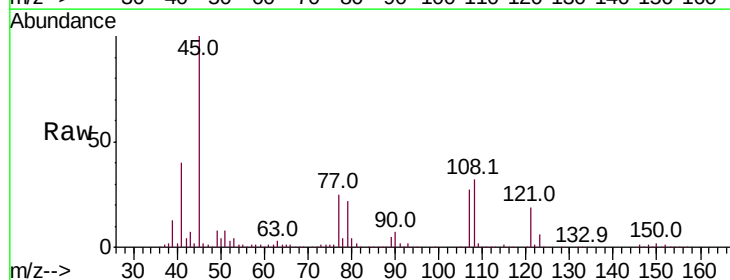
Tgt Ion: 45 Resp: 787696

Ion Ratio Lower Upper

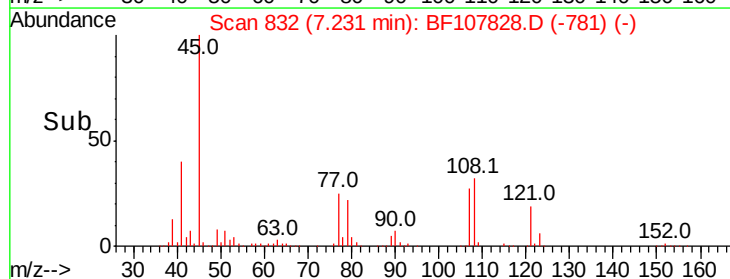
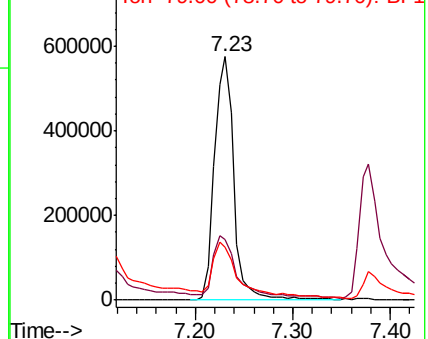
45 100

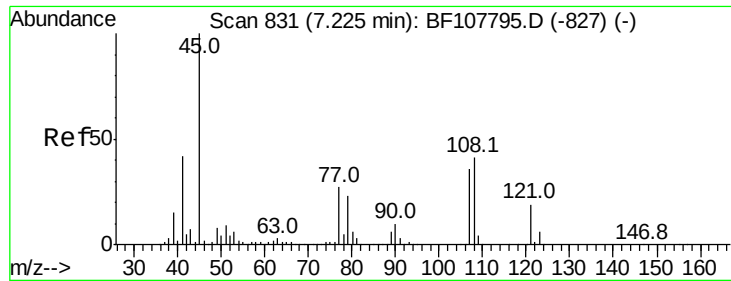
77 24.8 0.0 32.9

79 21.8 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

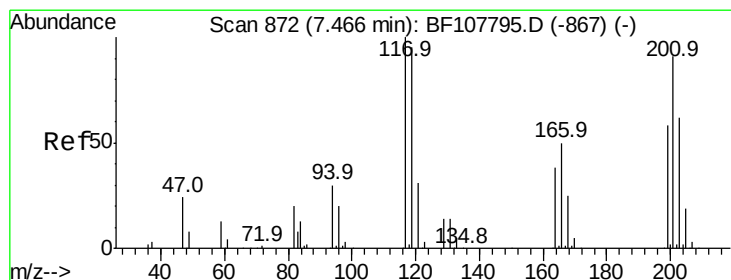
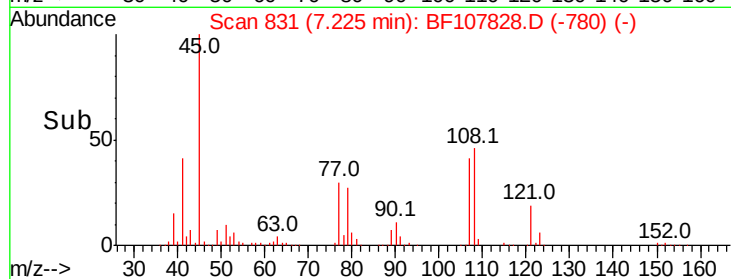
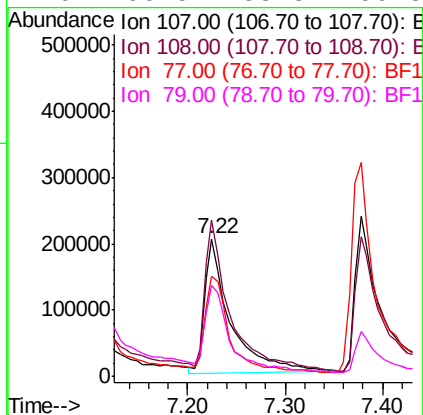
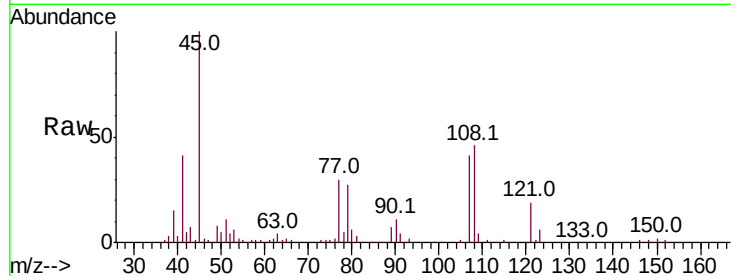




#17
2-Methylphenol
Concen: 38.667 ng
RT: 7.22 min Scan# 831
Delta R.T. 0.00 min
Lab File: BF107828.D
Acq: 31 Jul 2018 4:21

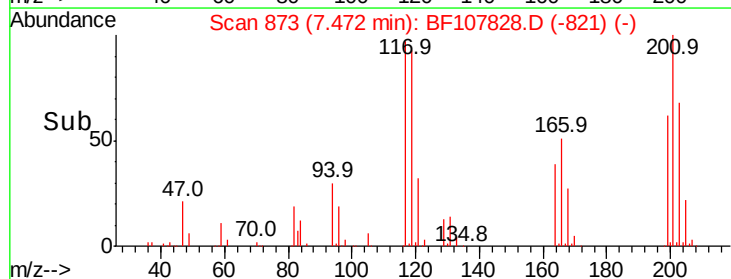
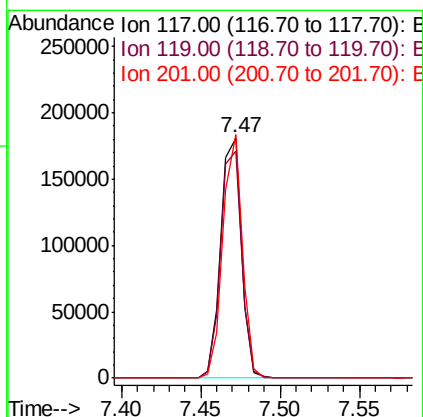
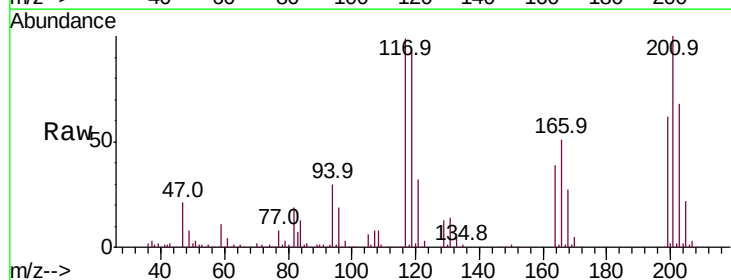
Instrument :
BNA_F
ClientSampled :

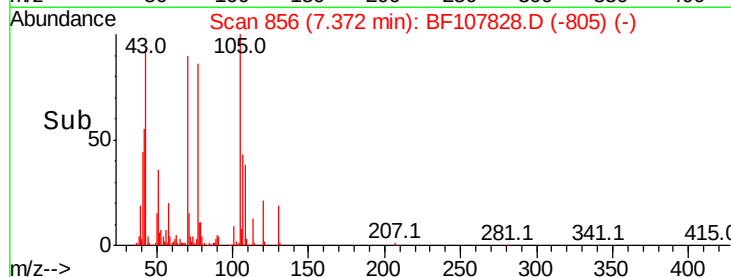
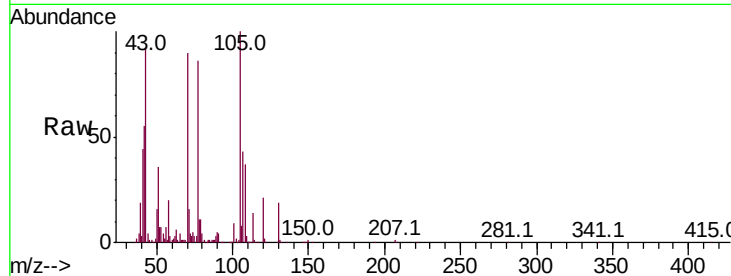
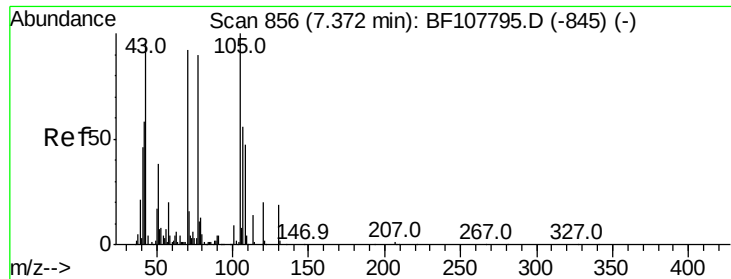
Tot Ion	Ratio	Lower	Upper
107	100		
108	113.4	91.7	137.5
77	73.1	33.8	50.8#
79	66.5	33.8	50.8#



#18
Hexachloroethane
Concen: 29.629 ng
RT: 7.47 min Scan# 873
Delta R.T. 0.01 min
Lab File: BF107828.D
Acq: 31 Jul 2018 4:21

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.4	75.8	113.8
201	101.3	75.7	113.5

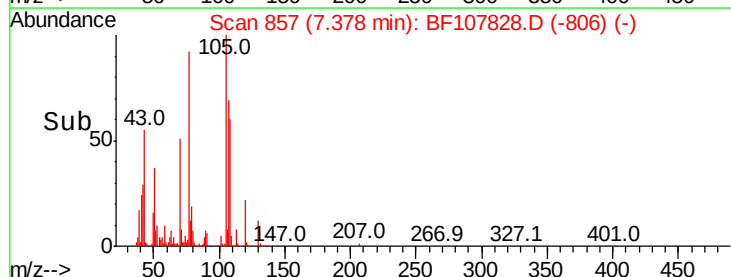
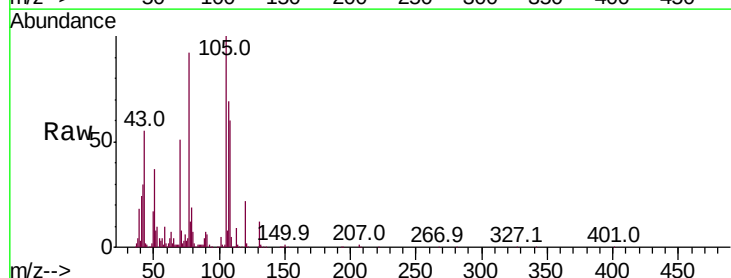
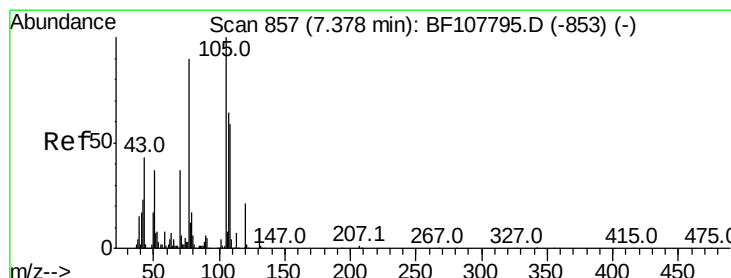
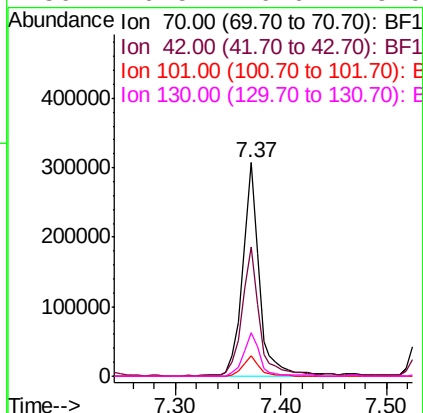




#19
n-Nitroso-di-n-propylamine
Concen: 38.084 ng
RT: 7.37 min Scan# 856
Delta R.T. 0.00 min
Lab File: BF107828.D
Acq: 31 Jul 2018 4:21

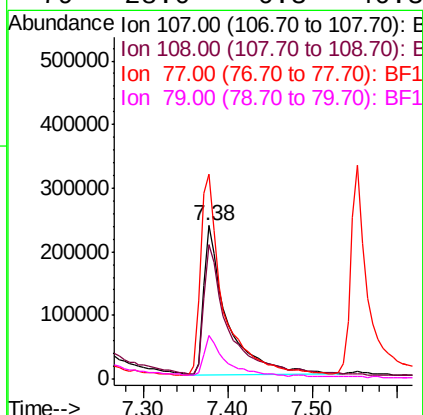
Instrument :
BNA_F
ClientSampleId :

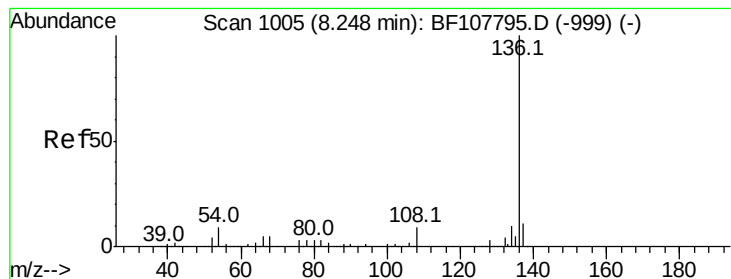
Tot Ion:	70	Resp:	334779
Ion	Ratio	Lower	Upper
70	100		
42	60.6	47.5	71.3
101	9.8	7.4	11.2
130	20.5	16.6	25.0



#20
3+4-Methylphenols
Concen: 38.188 ng
RT: 7.38 min Scan# 857
Delta R.T. 0.00 min
Lab File: BF107828.D
Acq: 31 Jul 2018 4:21

Tgt Ion:	107	Resp:	457122
Ion	Ratio	Lower	Upper
107	100		
108	87.3	68.2	108.2
77	133.8	26.7	66.7#
79	28.0	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: BF107828.D

Acq: 31 Jul 2018 4:21

Instrument :

BNA_F

ClientSampled :

Tot Ion:136 Resp: 742920

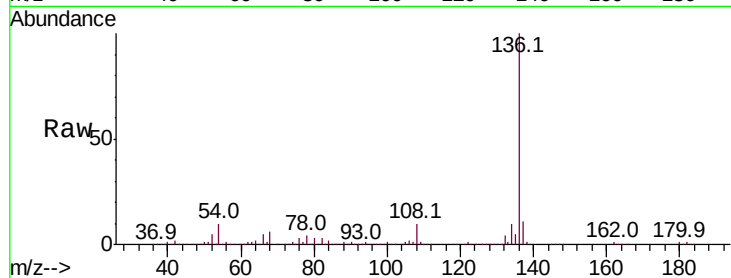
Ion Ratio Lower Upper

136 100

137 10.7 8.9 13.3

54 9.6 6.6 9.8

68 6.4 5.0 7.4

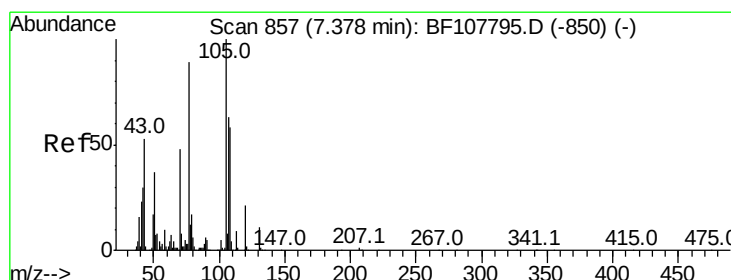
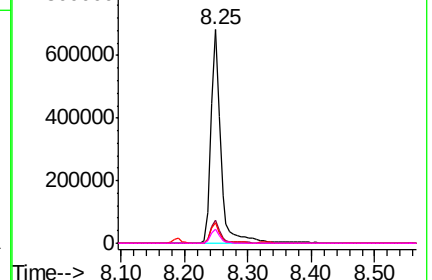
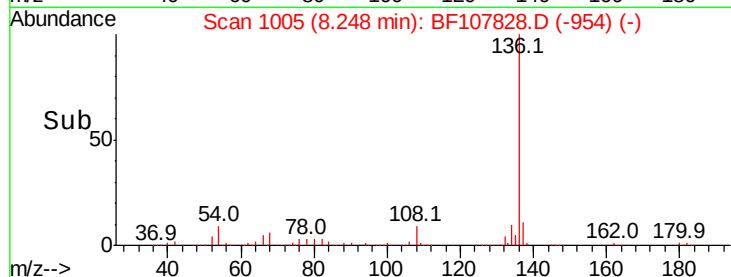


Abundance Ion 136.00 (135.70 to 136.70): E

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: 37.442 ng

RT: 7.38 min Scan# 857

Delta R.T. 0.00 min

Lab File: BF107828.D

Acq: 31 Jul 2018 4:21

Tgt Ion:105 Resp: 669234

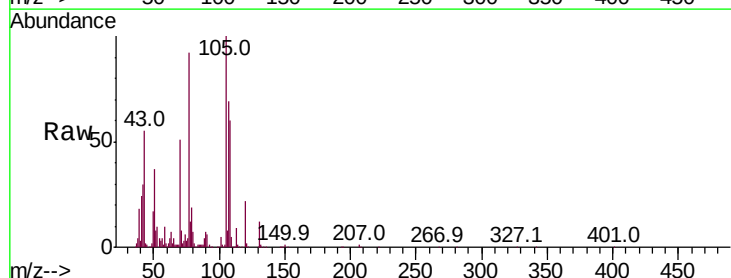
Ion Ratio Lower Upper

105 100

71 8.3 4.4 6.6#

51 37.3 22.3 33.5#

120 21.8 16.9 25.3

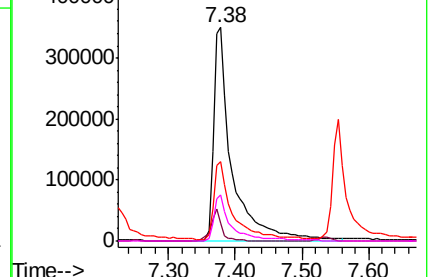
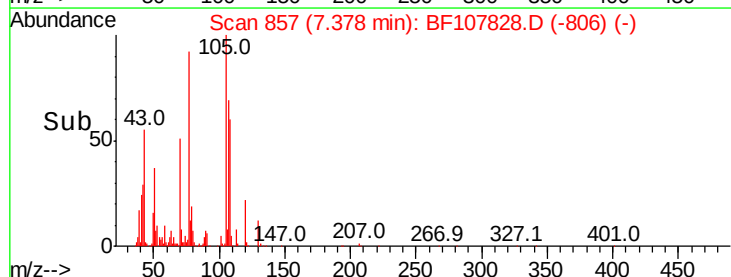


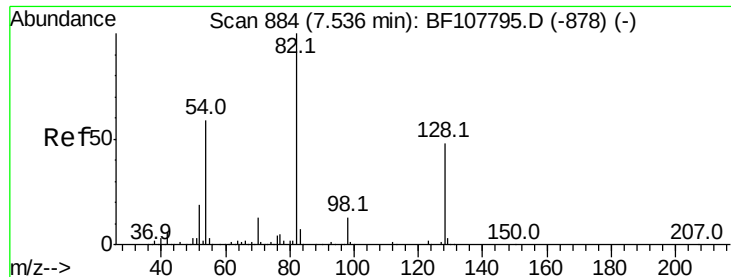
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E

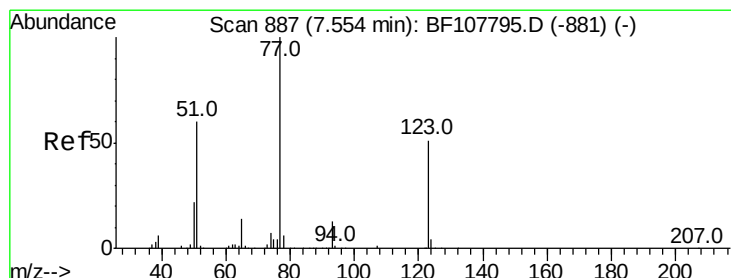
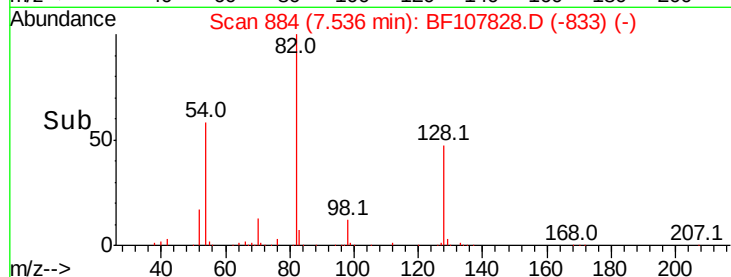
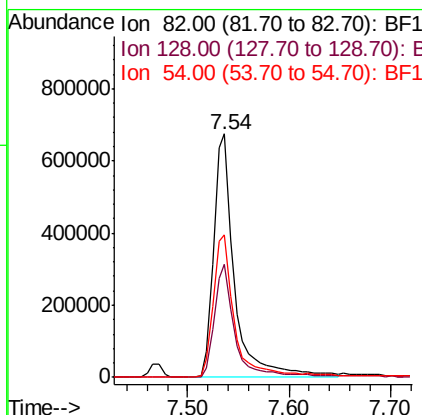
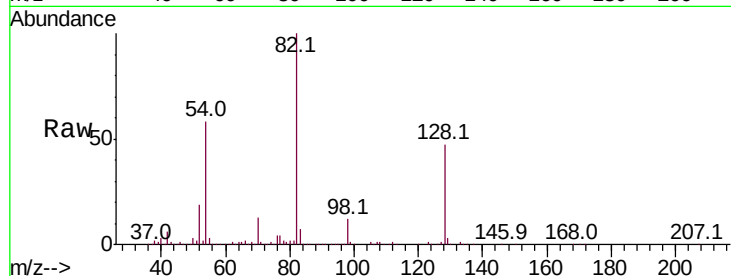




#23
 Nitrobenzene-d5
 Concen: 75.510 ng
 RT: 7.54 min Scan# 884
 Delta R.T. 0.00 min
 Lab File: BF107828.D
 Acq: 31 Jul 2018 4:21

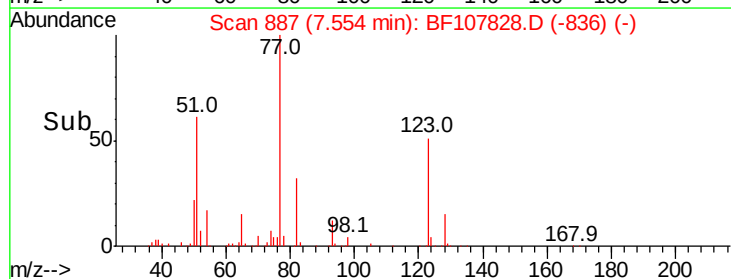
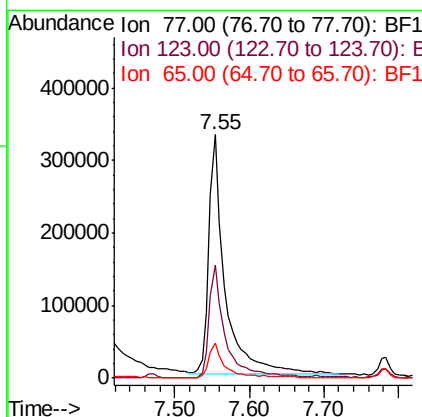
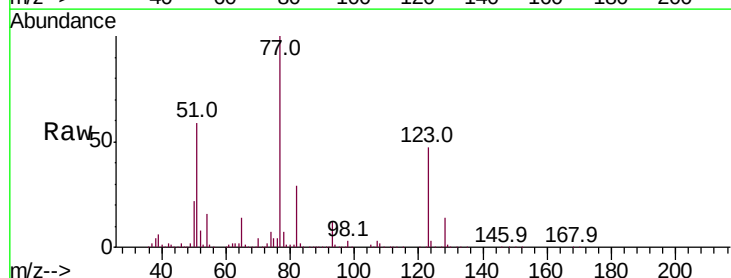
Instrument :
 BNA_F
 ClientSampleId :

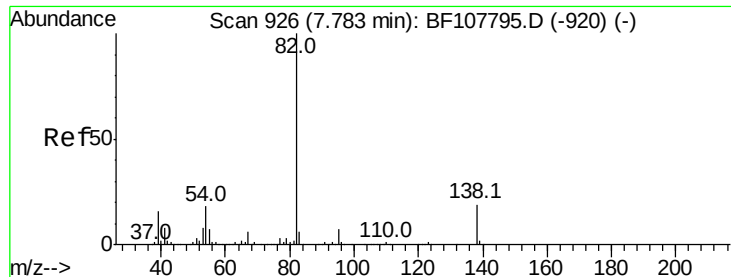
Tot Ion	82	Resp	973747
Ion	Ratio	Lower	Upper
82	100		
128	46.5	36.1	54.1
54	58.4	41.4	62.2



#24
 Nitrobenzene
 Concen: 36.651 ng
 RT: 7.55 min Scan# 887
 Delta R.T. 0.00 min
 Lab File: BF107828.D
 Acq: 31 Jul 2018 4:21

Tgt Ion	77	Resp	495590
Ion	Ratio	Lower	Upper
77	100		
123	46.6	37.9	56.9
65	14.4	11.0	16.4

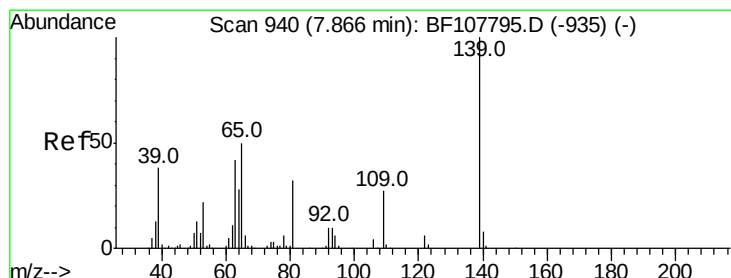
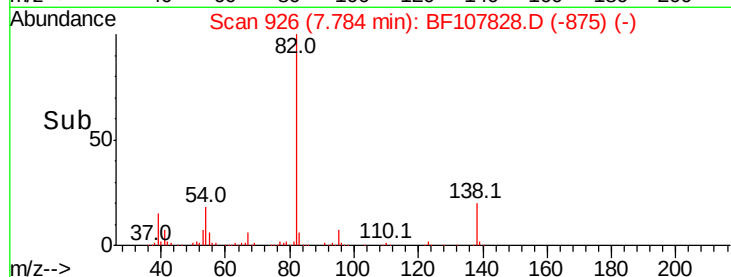
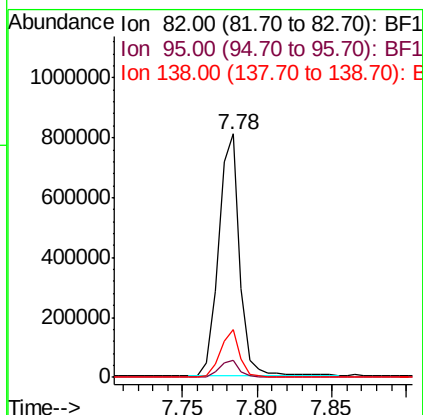
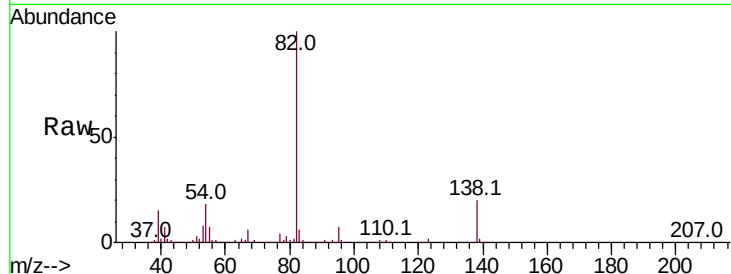




#25
Isophorone
Concen: 38.028 ng
RT: 7.78 min Scan# 926
Delta R.T. 0.00 min
Lab File: BF107828.D
Acq: 31 Jul 2018 4:21

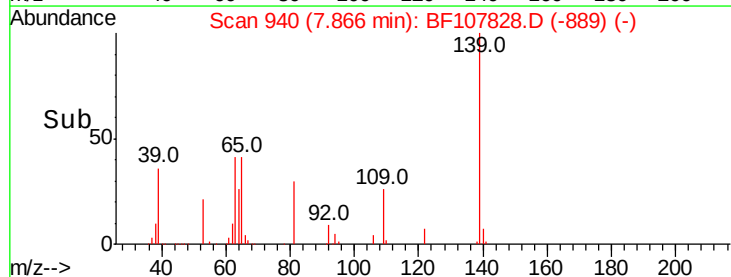
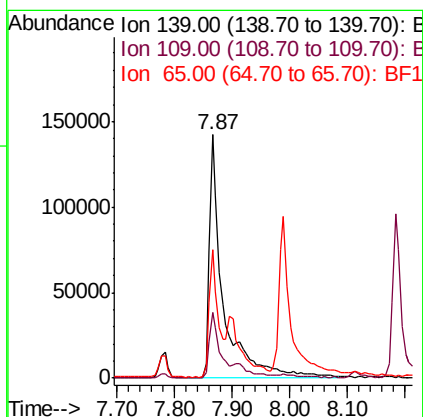
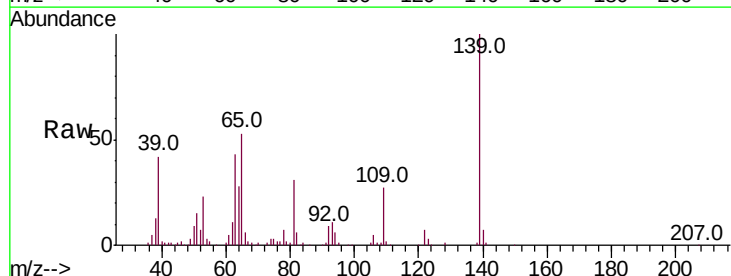
Instrument :
BNA_F
ClientSampleId :

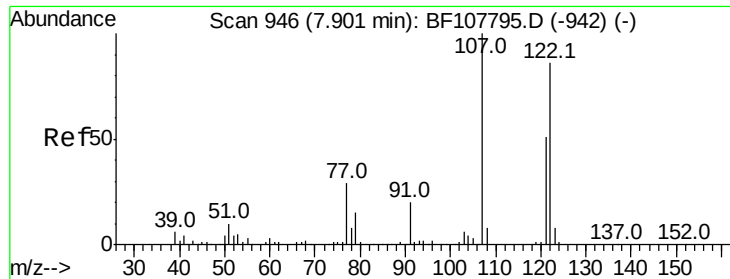
Tot Ion: 82 Resp: 804978
Ion Ratio Lower Upper
82 100
95 6.9 5.2 7.8
138 19.7 14.9 22.3



#26
2-Nitrophenol
Concen: 36.288 ng
RT: 7.87 min Scan# 940
Delta R.T. 0.00 min
Lab File: BF107828.D
Acq: 31 Jul 2018 4:21

Tgt Ion:139 Resp: 246256
Ion Ratio Lower Upper
139 100
109 27.0 22.7 34.1
65 52.6 40.5 60.7

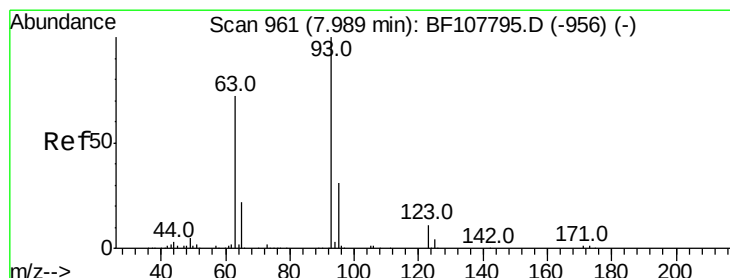
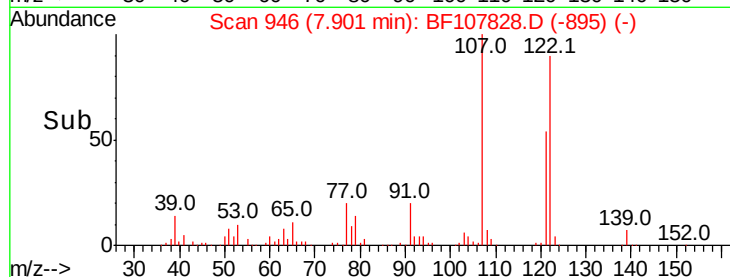
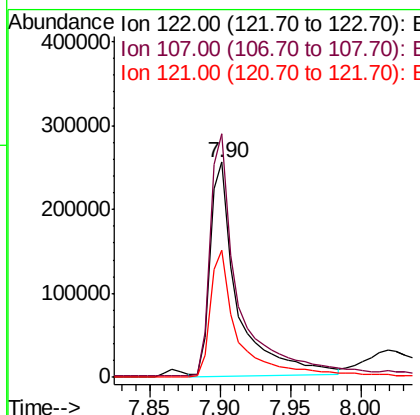
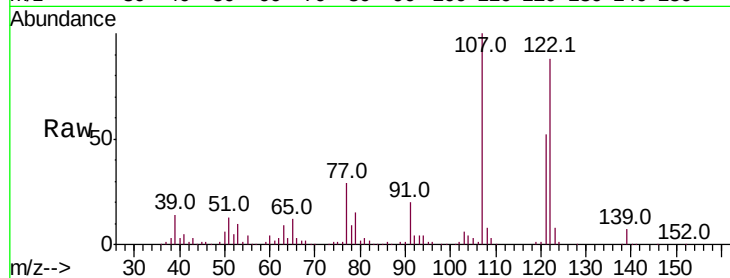




#27
2,4-Dimethylphenol
Concen: 37.951 ng
RT: 7.90 min Scan# 946
Delta R.T. 0.00 min
Lab File: BF107828.D
Acq: 31 Jul 2018 4:21

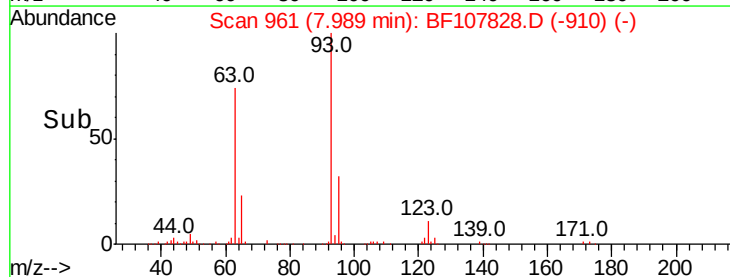
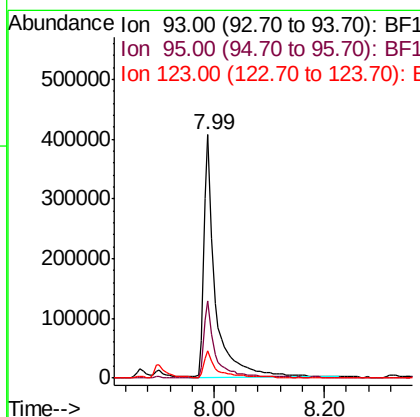
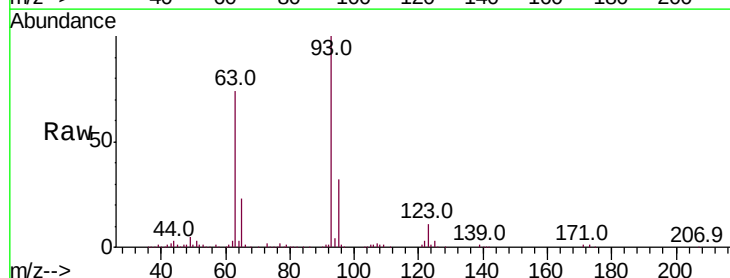
Instrument :
BNA_F
ClientSampleId :

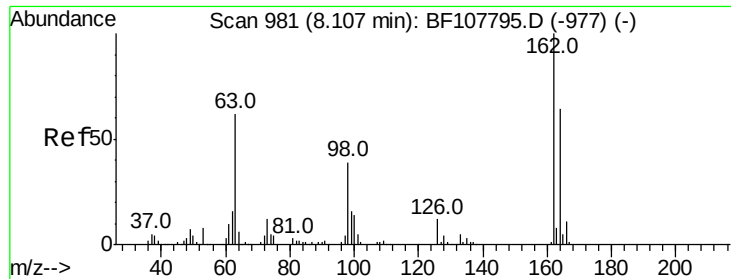
Tot Ion	Ratio	Lower	Upper
122	100		
107	113.2	91.2	136.8
121	59.3	47.2	70.8



#28
bis(2-Chloroethoxy)methane
Concen: 41.587 ng
RT: 7.99 min Scan# 961
Delta R.T. 0.00 min
Lab File: BF107828.D
Acq: 31 Jul 2018 4:21

Tgt Ion	Ratio	Lower	Upper
93	100		
95	31.8	26.3	39.5
123	11.3	9.8	14.6

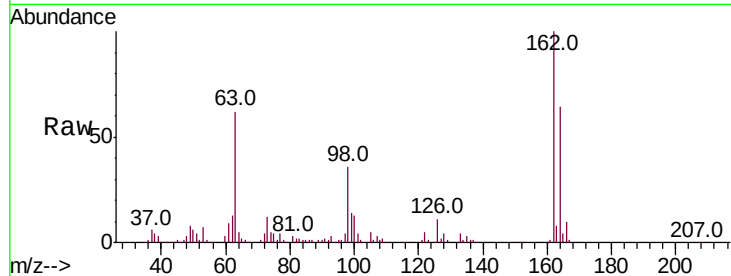




#29
2,4-Dichlorophenol
Concen: 38.171 ng
RT: 8.11 min Scan# 982
Delta R.T. 0.01 min
Lab File: BF107828.D
Acq: 31 Jul 2018 4:21

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.1	42.7	82.7
98	36.4	18.1	58.1

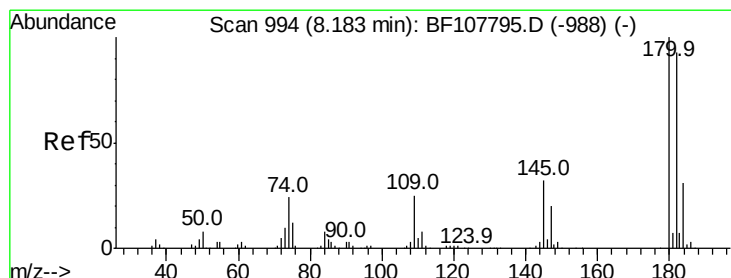
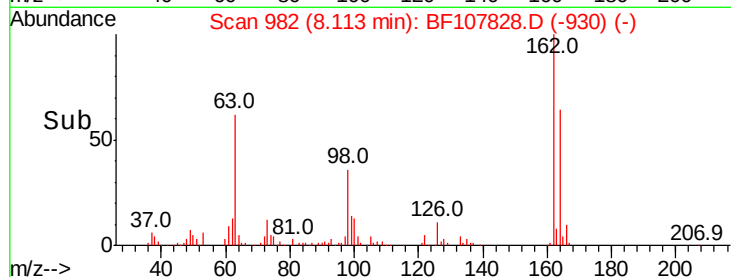
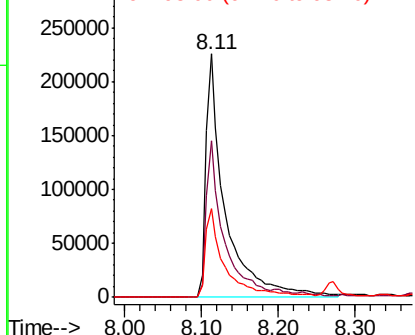


Abundance

Ion 162.00 (161.70 to 162.70): E

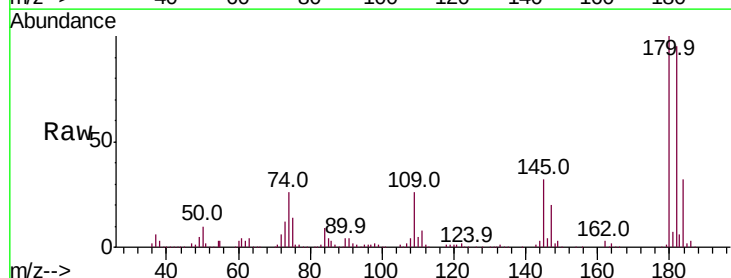
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30
1,2,4-Trichlorobenzene
Concen: 37.120 ng
RT: 8.18 min Scan# 994
Delta R.T. 0.00 min
Lab File: BF107828.D
Acq: 31 Jul 2018 4:21

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.6	76.8	115.2
145	32.5	26.5	39.7

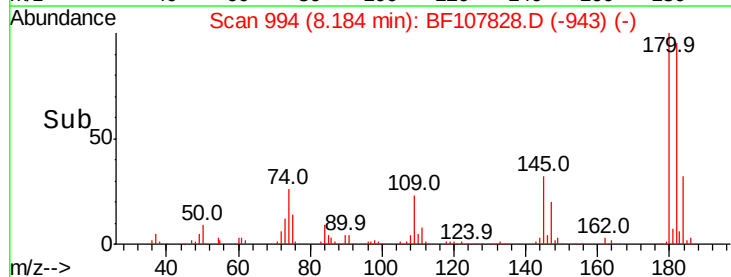
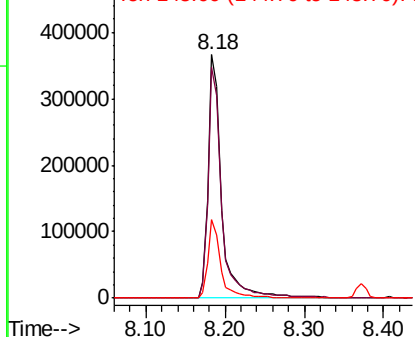


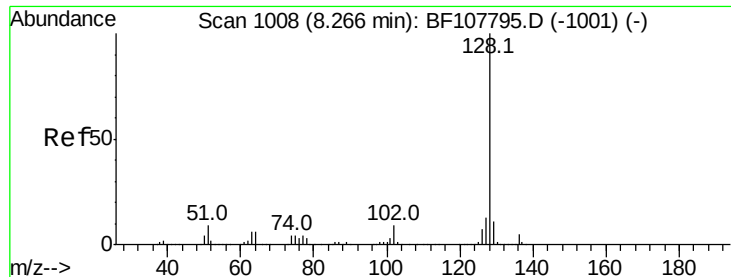
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

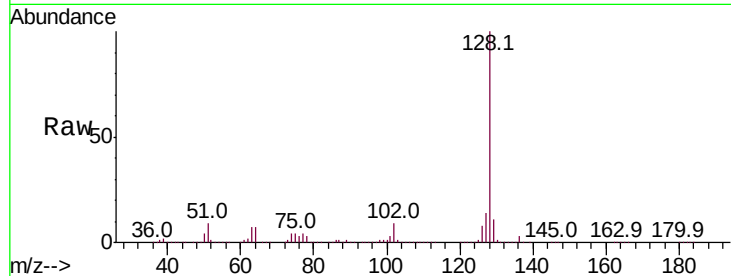




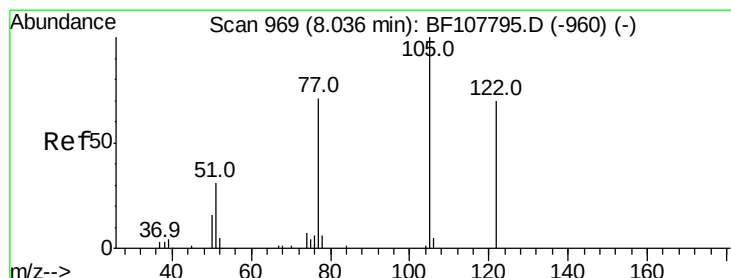
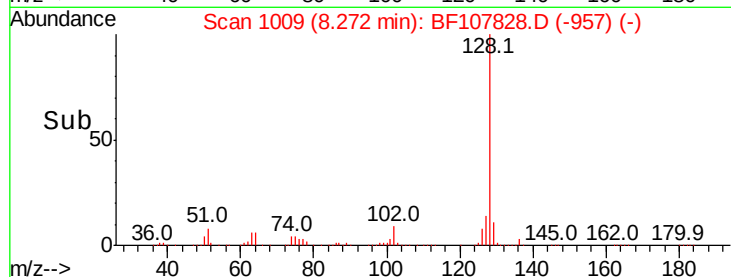
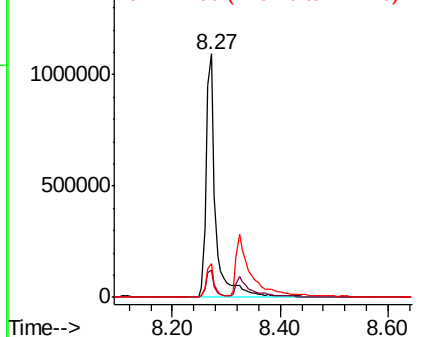
#31
Naphthalene
Concen: 38.751 ng
RT: 8.27 min Scan# 1009
Delta R.T. 0.01 min
Lab File: BF107828.D
Acq: 31 Jul 2018 4:21

Instrument :
BNA_F
ClientSampled :

Tot Ion:128 Resp: 1338237
Ion Ratio Lower Upper
128 100
129 11.3 8.8 13.2
127 13.8 10.9 16.3

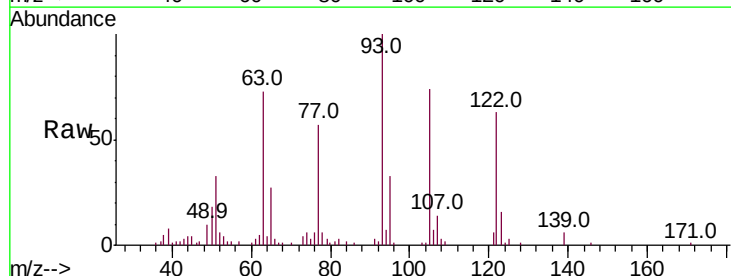


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

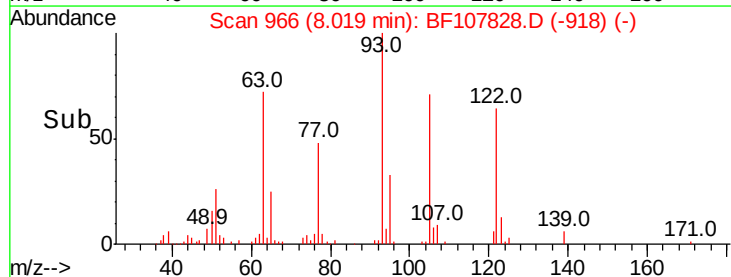
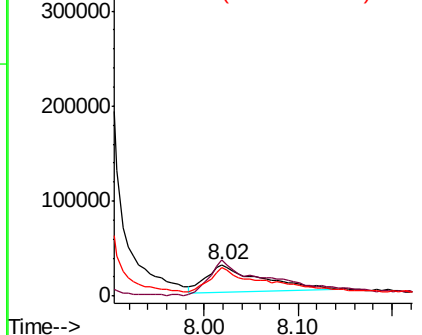


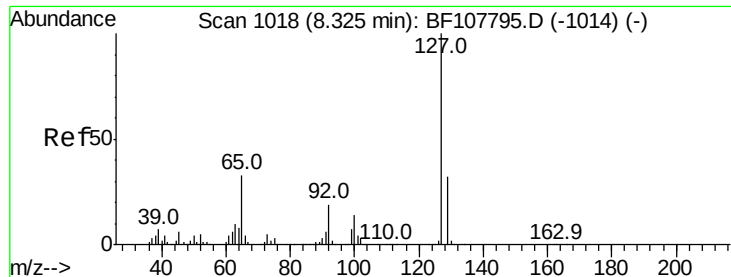
#32
Benzoic acid
Concen: 19.249 ng
RT: 8.02 min Scan# 966
Delta R.T. -0.02 min
Lab File: BF107828.D
Acq: 31 Jul 2018 4:21

Tgt Ion:122 Resp: 112592
Ion Ratio Lower Upper
122 100
105 116.0 101.1 141.1
77 90.3 70.7 110.7



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

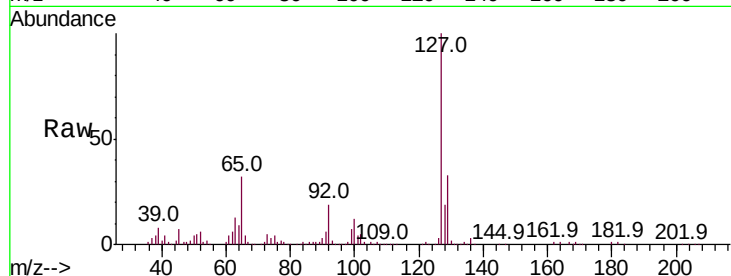




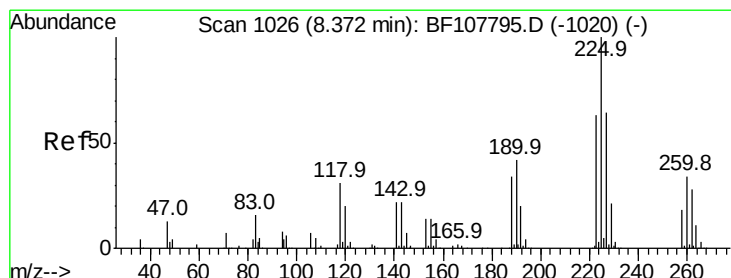
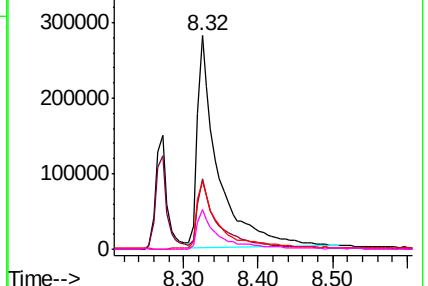
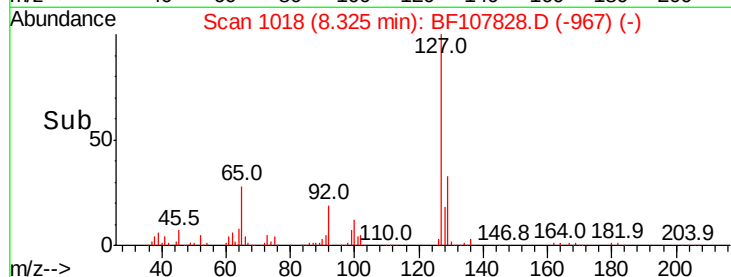
#33
4-Chloroaniline
Concen: 37.057 ng
RT: 8.32 min Scan# 1018
Delta R.T. 0.00 min
Lab File: BF107828.D
Acq: 31 Jul 2018 4:21

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	546620
Ion	Ratio	Lower	Upper
127	100		
129	32.7	25.9	38.9
65	32.0	25.0	37.4
92	18.8	15.2	22.8

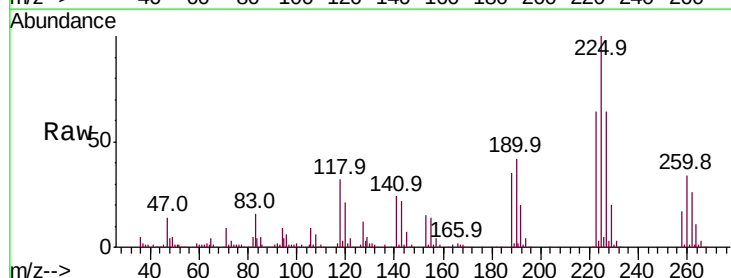


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

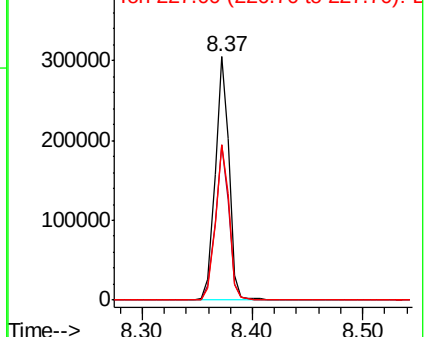
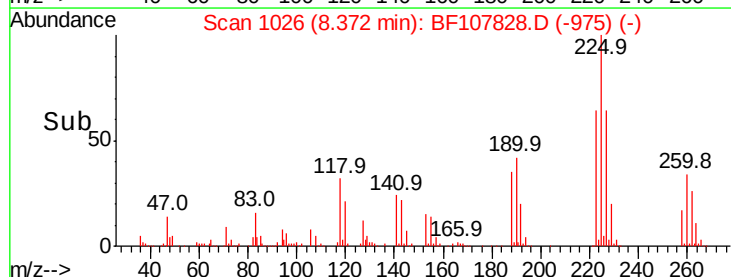


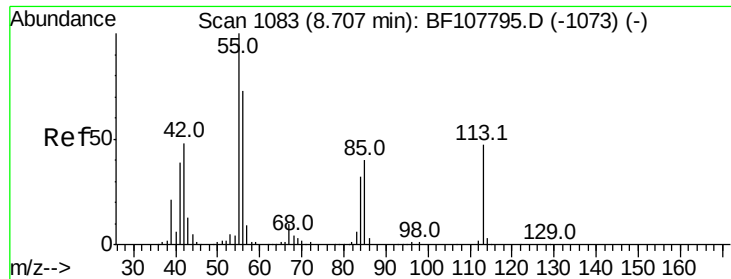
#34
Hexachlorobutadiene
Concen: 36.171 ng
RT: 8.37 min Scan# 1026
Delta R.T. 0.00 min
Lab File: BF107828.D
Acq: 31 Jul 2018 4:21

Tgt Ion:	225	Resp:	262063
Ion	Ratio	Lower	Upper
225	100		
223	63.8	50.6	76.0
227	63.6	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

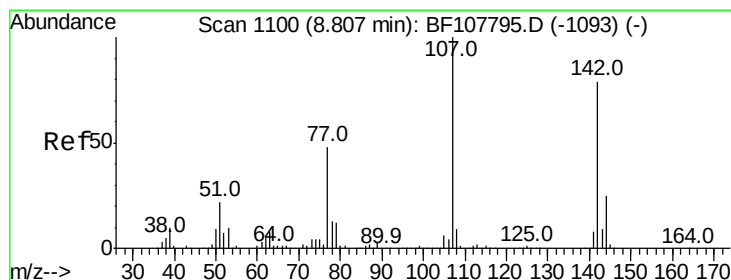
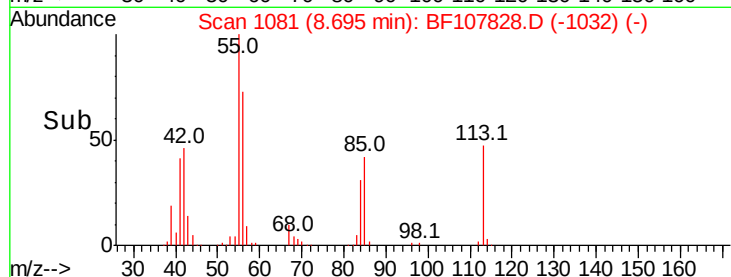
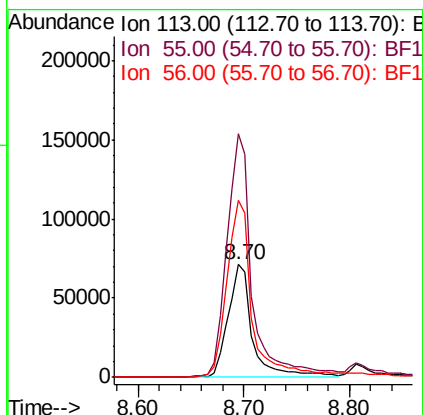
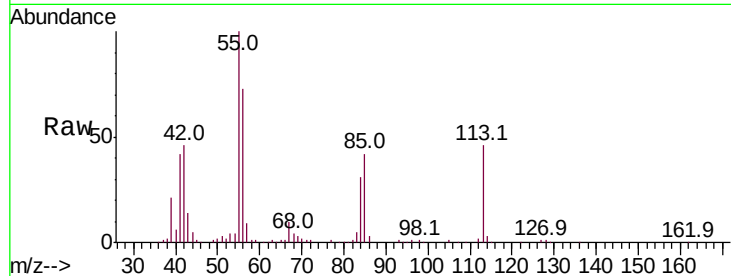




#35
 Caprolactam
 Concen: 36.838 ng
 RT: 8.70 min Scan# 1081
 Delta R.T. -0.01 min
 Lab File: BF107828.D
 Acq: 31 Jul 2018 4:21

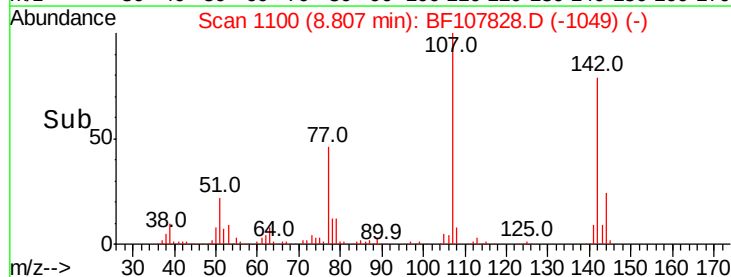
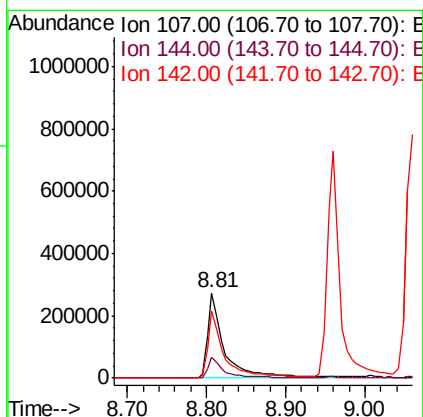
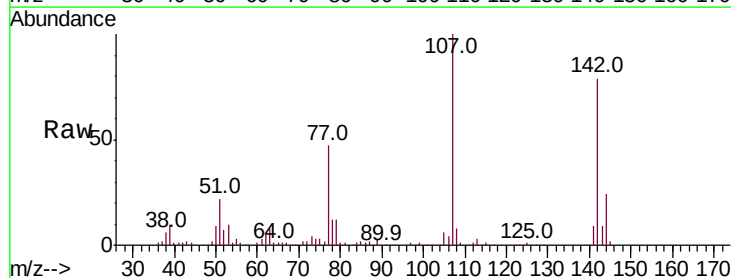
Instrument :
 BNA_F
 ClientSampleId :

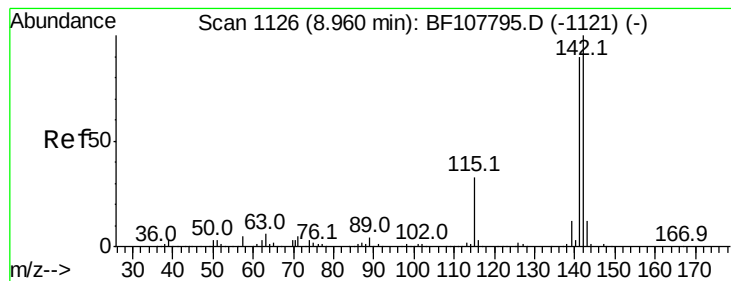
Tot Ion:113 Resp: 113970
 Ion Ratio Lower Upper
 113 100
 55 215.8 163.3 203.3#
 56 157.2 115.7 155.7#



#36
 4-Chloro-3-methylphenol
 Concen: 36.465 ng
 RT: 8.81 min Scan# 1100
 Delta R.T. 0.00 min
 Lab File: BF107828.D
 Acq: 31 Jul 2018 4:21

Tgt Ion:107 Resp: 406998
 Ion Ratio Lower Upper
 107 100
 144 24.4 20.5 30.7
 142 78.8 62.0 93.0





#37

2-Methylnaphthalene

Concen: 37.900 ng

RT: 8.96 min Scan# 1126

Delta R.T. 0.00 min

Lab File: BF107828.D

Acq: 31 Jul 2018 4:21

Instrument :

BNA_F

ClientSampleId :

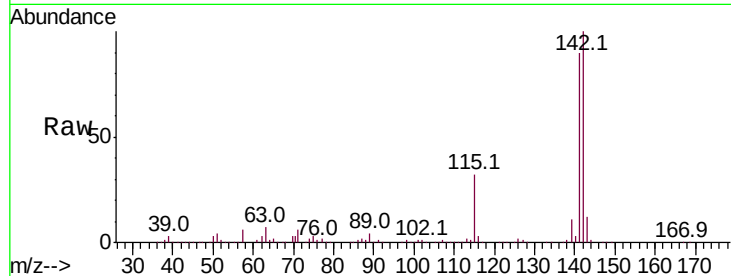
Tot Ion:142 Resp: 822139

Ion Ratio Lower Upper

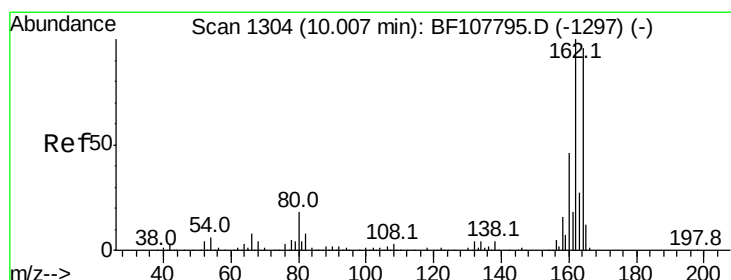
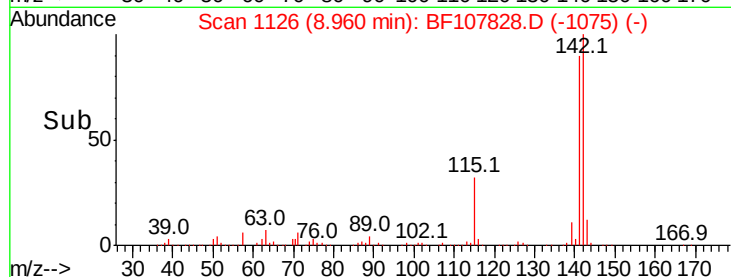
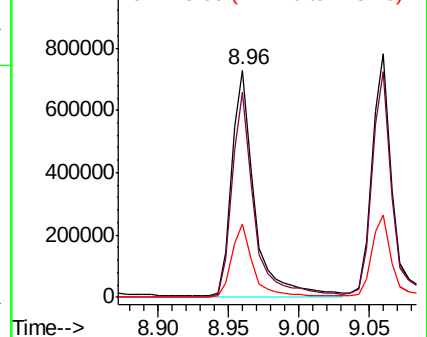
142 100

141 90.1 70.8 106.2

115 32.2 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: BF107828.D

Acq: 31 Jul 2018 4:21

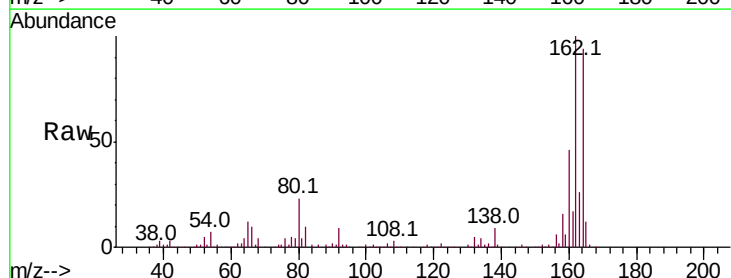
Tgt Ion:164 Resp: 295785

Ion Ratio Lower Upper

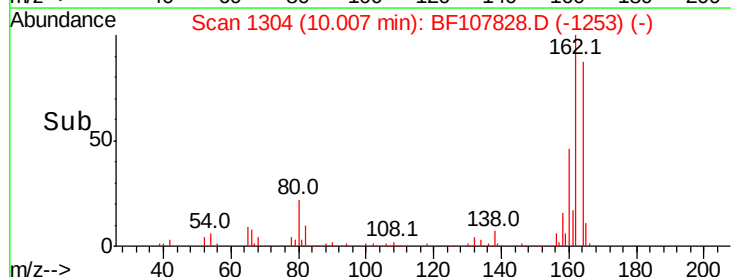
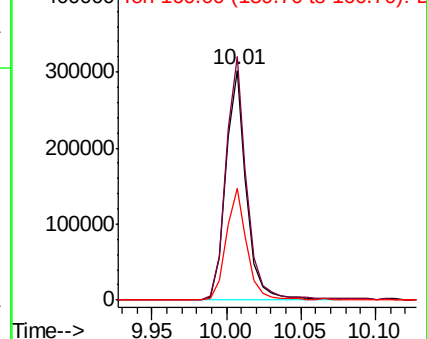
164 100

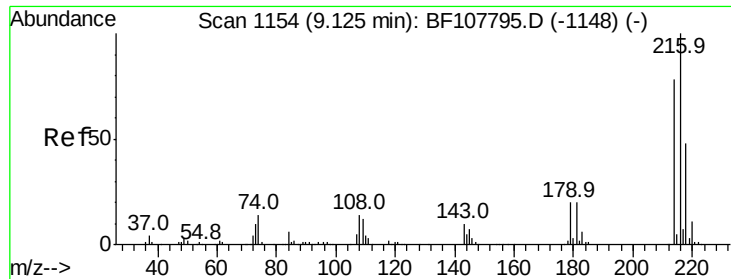
162 105.9 86.1 129.1

160 48.5 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

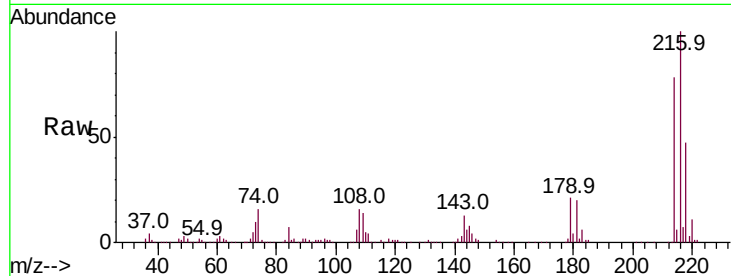




#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 41.174 ng
 RT: 9.12 min Scan# 1154
 Delta R.T. 0.00 min
 Lab File: BF107828.D
 Acq: 31 Jul 2018 4:21

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
216	100		
214	79.1	63.0	94.4
179	21.0	18.1	27.1
108	17.0	17.2	25.8#



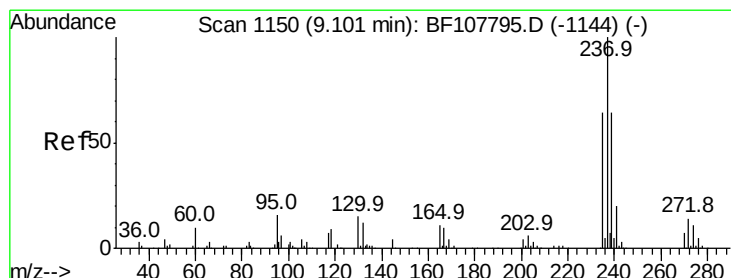
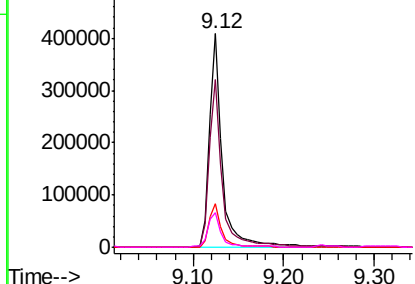
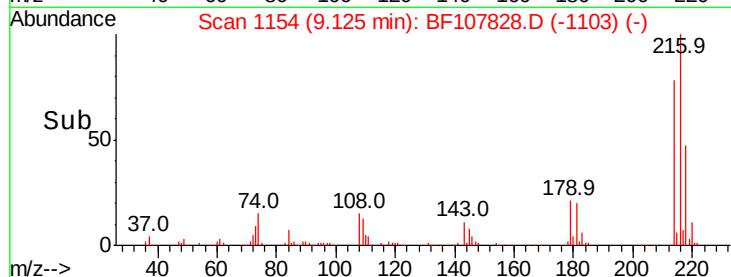
Abundance

Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

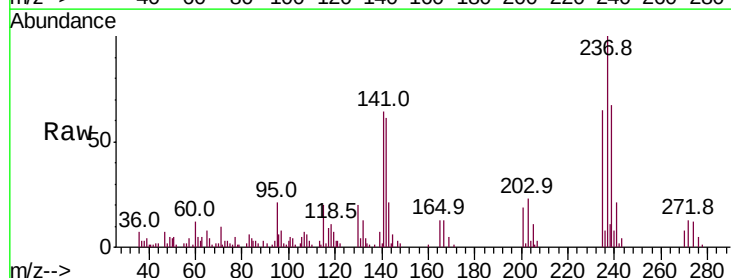
Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40
 Hexachlorocyclopentadiene
 Concen: 13.323 ng
 RT: 9.10 min Scan# 1150
 Delta R.T. 0.00 min
 Lab File: BF107828.D
 Acq: 31 Jul 2018 4:21

Tgt Ion	Ratio	Lower	Upper
237	100		
235	65.1	44.8	84.8
272	13.2	0.0	33.3

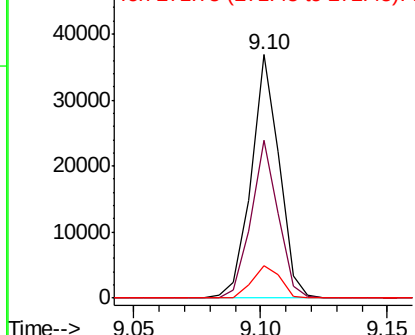
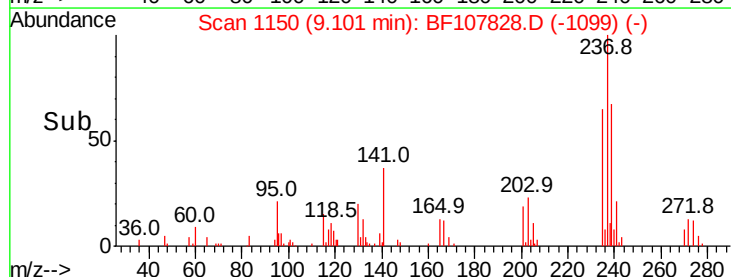


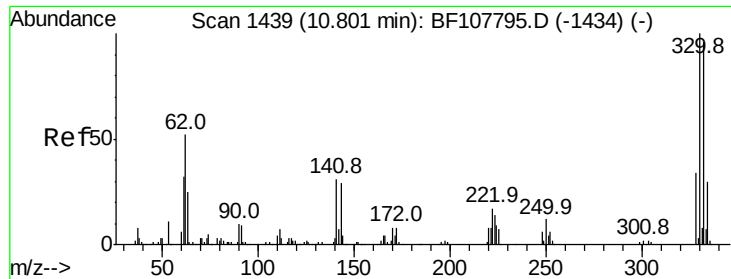
Abundance

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

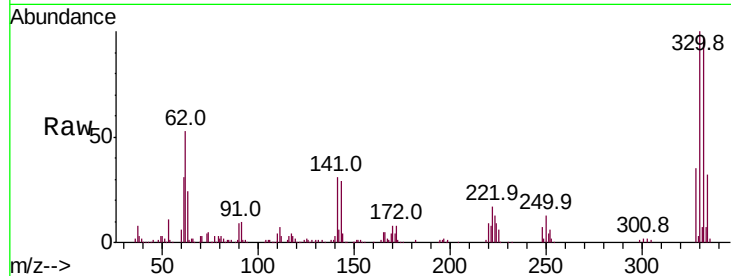




#41
 2,4,6-Tribromophenol
 Concen: 62.646 ng
 RT: 10.80 min Scan# 1439
 Delta R.T. 0.00 min
 Lab File: BF107828.D
 Acq: 31 Jul 2018 4:21

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	98.9	77.0	115.6
141	27.4	29.9	44.9#

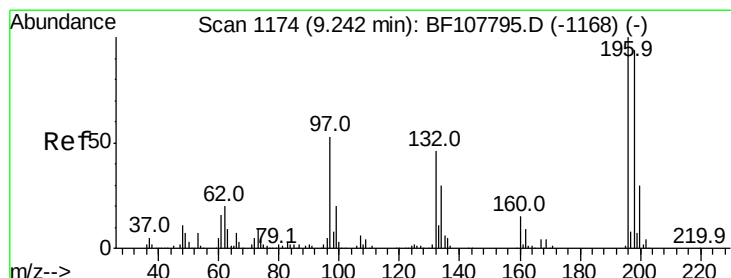
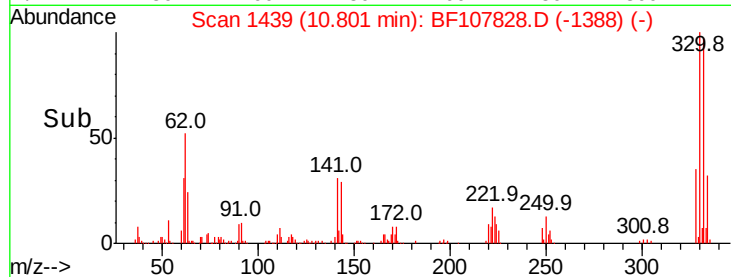
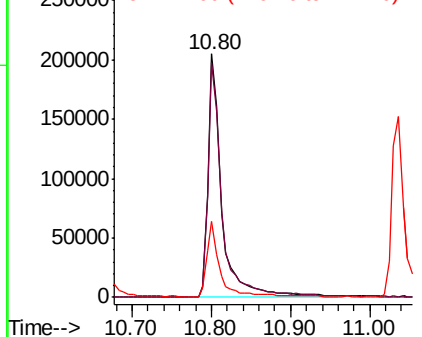


Abundance

Ion 329.80 (329.50 to 330.50): E

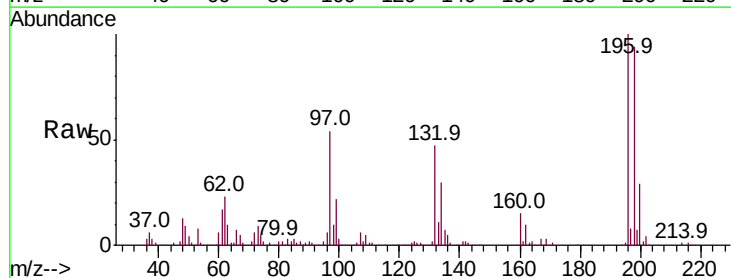
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#42
 2,4,6-Trichlorophenol
 Concen: 42.937 ng
 RT: 9.24 min Scan# 1174
 Delta R.T. 0.00 min
 Lab File: BF107828.D
 Acq: 31 Jul 2018 4:21

Tgt Ion	Ratio	Lower	Upper
196	100		
198	94.3	75.7	113.5
200	29.3	24.5	36.7

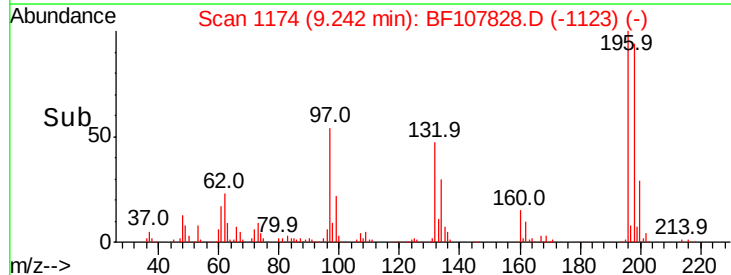
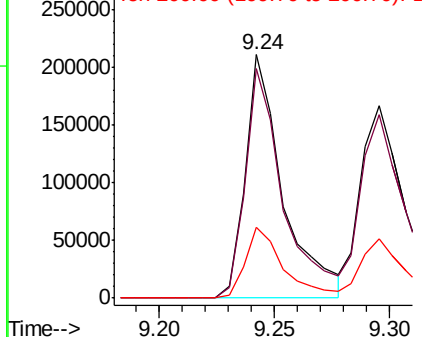


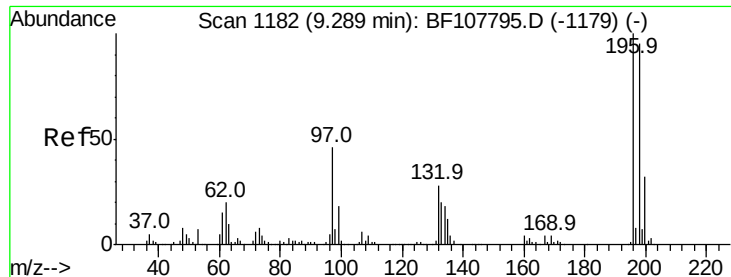
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E

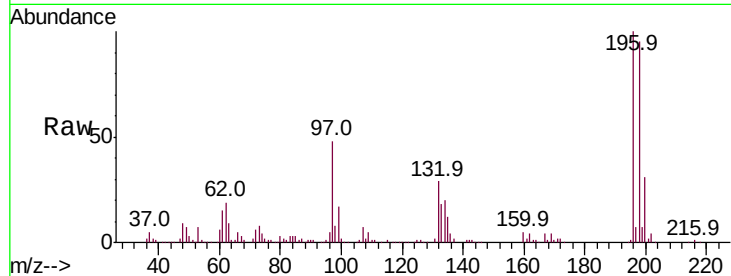




#43
 2,4,5-Trichlorophenol
 Concen: 38.954 ng
 RT: 9.30 min Scan# 1183
 Delta R.T. 0.01 min
 Lab File: BF107828.D
 Acq: 31 Jul 2018 4:21

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
196	100		
198	95.2	74.6	112.0
97	47.9	42.9	64.3
132	29.1	26.3	39.5



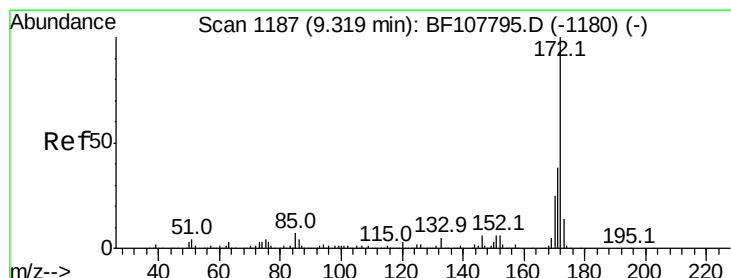
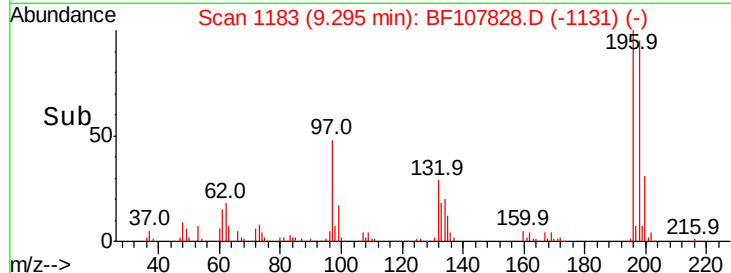
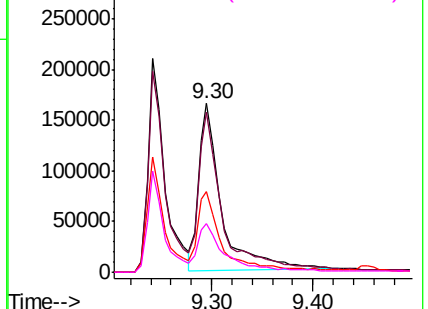
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

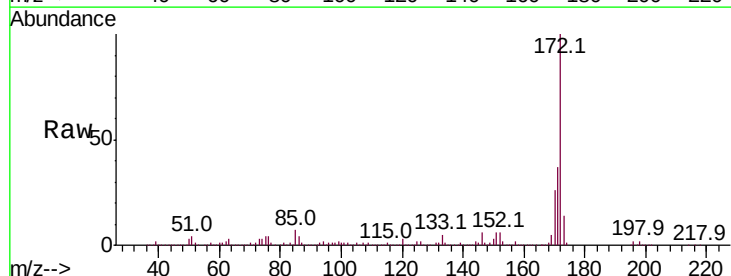
Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 83.263 ng
 RT: 9.32 min Scan# 1187
 Delta R.T. 0.00 min
 Lab File: BF107828.D
 Acq: 31 Jul 2018 4:21

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.4	29.7	44.5
170	25.5	19.6	29.4

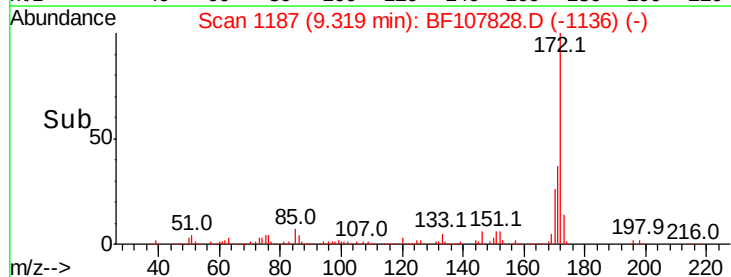
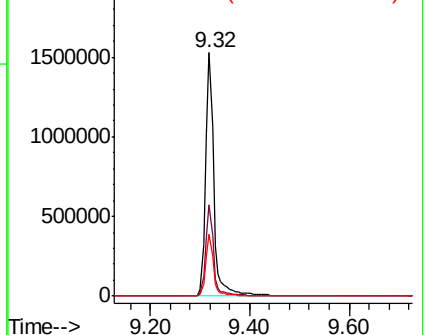


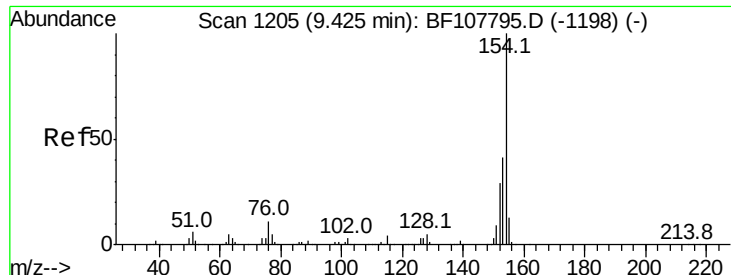
Abundance

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



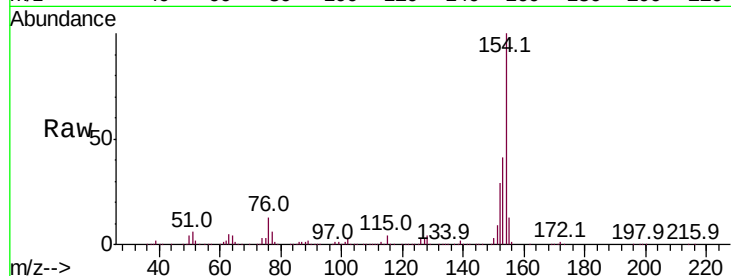


#45
 1,1'-Biphenyl
 Concen: 41.905 ng
 RT: 9.42 min Scan# 1205
 Delta R.T. 0.00 min
 Lab File: BF107828.D
 Acq: 31 Jul 2018 4:21

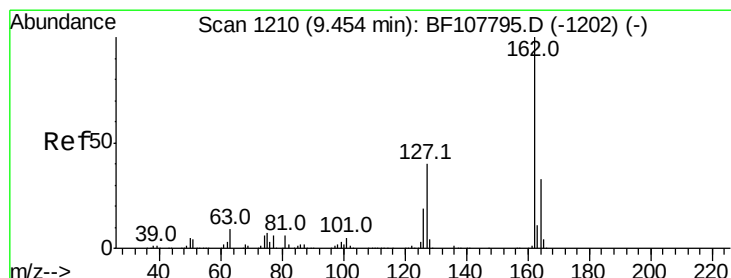
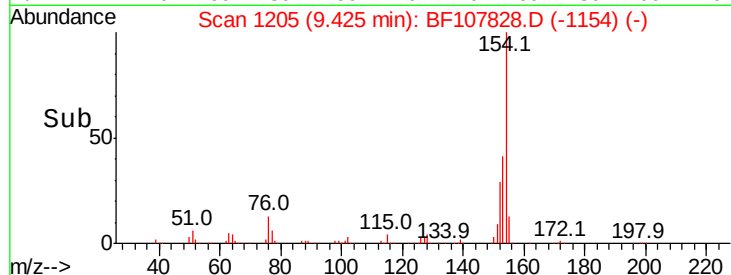
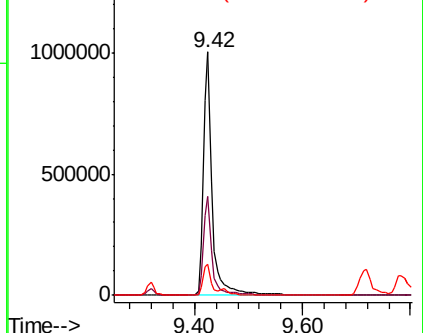
Instrument :
 BNA_F
 ClientSampled :

Tot Ion:154 Resp: 1128007

Ion	Ratio	Lower	Upper
154	100		
153	40.6	21.3	61.3
76	12.6	0.0	34.0



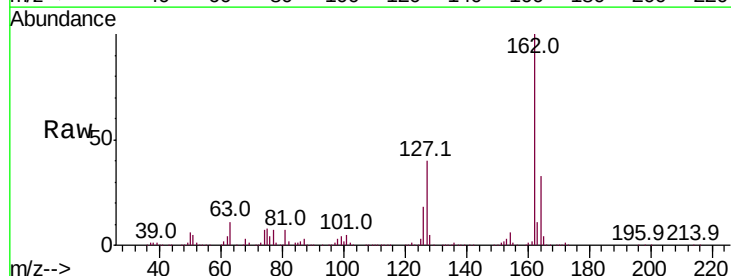
Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF1



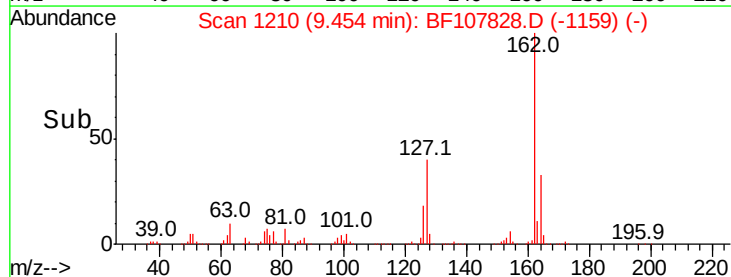
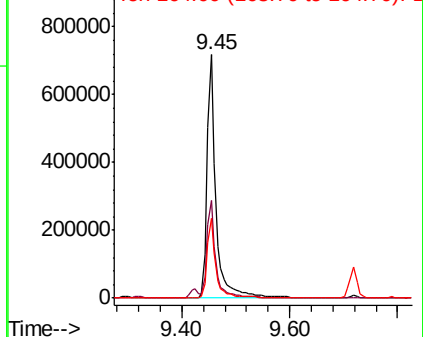
#46
 2-Chloronaphthalene
 Concen: 40.910 ng
 RT: 9.45 min Scan# 1210
 Delta R.T. 0.00 min
 Lab File: BF107828.D
 Acq: 31 Jul 2018 4:21

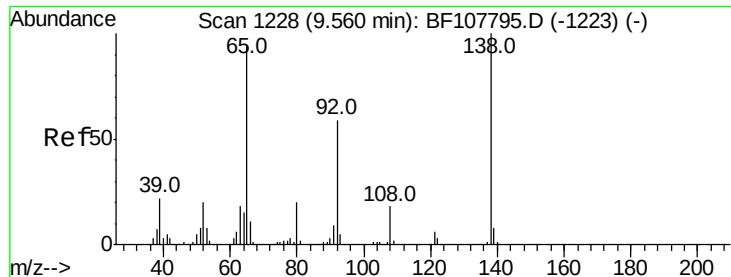
Tgt Ion:162 Resp: 830425

Ion	Ratio	Lower	Upper
162	100		
127	40.1	33.9	50.9
164	32.5	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

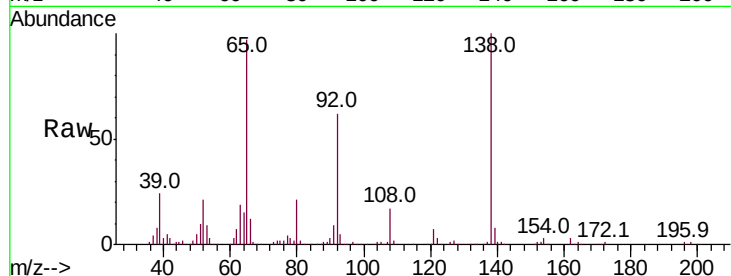




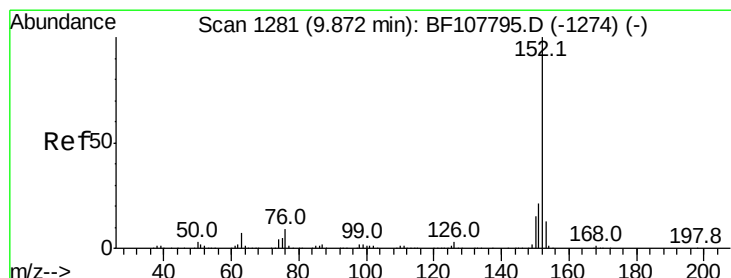
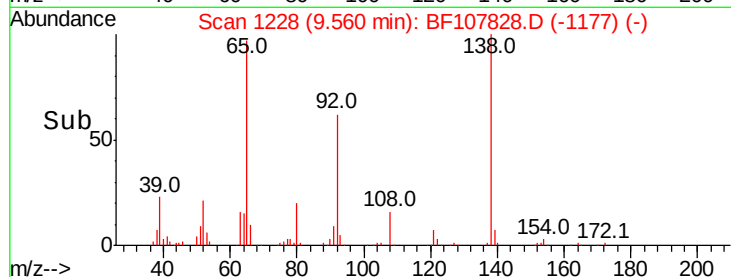
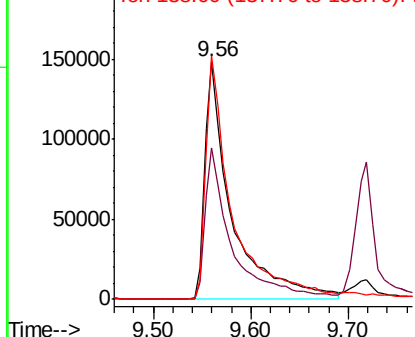
#47
2-Nitroaniline
Concen: 42.401 ng
RT: 9.56 min Scan# 1228
Delta R.T. 0.00 min
Lab File: BF107828.D
Acq: 31 Jul 2018 4:21

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 65 Resp: 279959
Ion Ratio Lower Upper
65 100
92 63.7 55.8 83.6
138 102.6 91.2 136.8

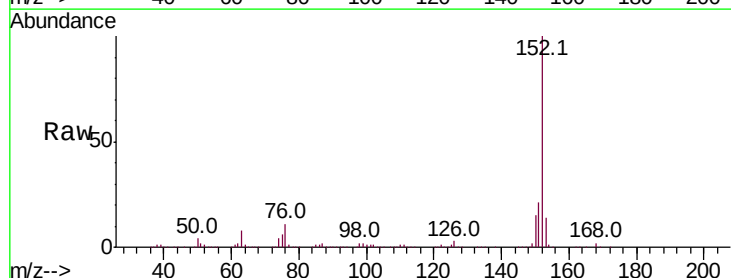


Abundance Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1
Ion 138.00 (137.70 to 138.70): BF1

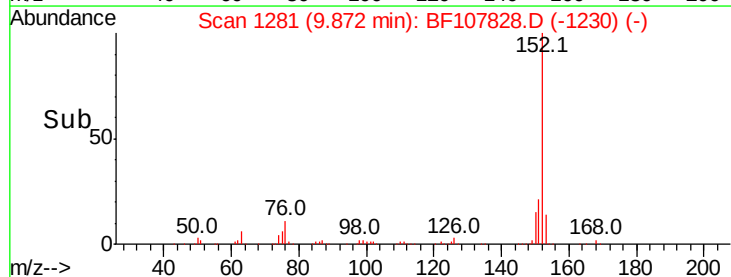
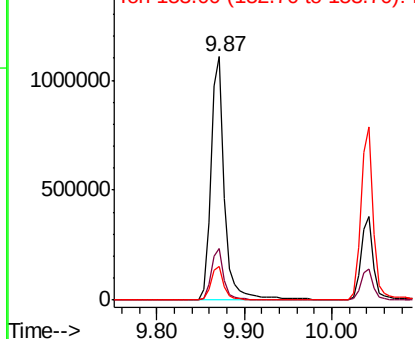


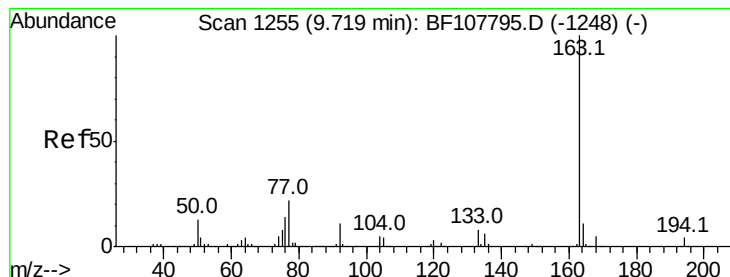
#48
Acenaphthylene
Concen: 37.954 ng
RT: 9.87 min Scan# 1281
Delta R.T. 0.00 min
Lab File: BF107828.D
Acq: 31 Jul 2018 4:21

Tgt Ion: 152 Resp: 1194403
Ion Ratio Lower Upper
152 100
151 21.0 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: 41.045 ng

RT: 9.72 min Scan# 1255

Delta R.T. 0.00 min

Lab File: BF107828.D

Acq: 31 Jul 2018 4:21

Instrument :

BNA_F

ClientSampled :

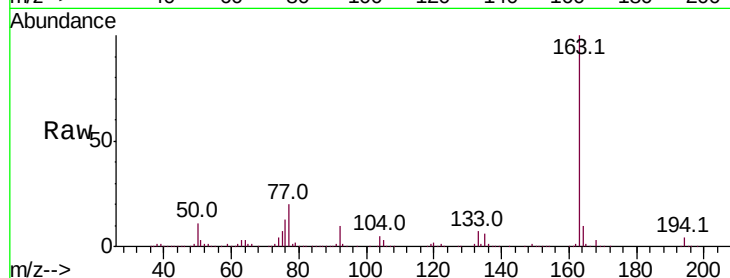
Tot Ion:163 Resp: 911750

Ion Ratio Lower Upper

163 100

194 3.7 2.7 4.1

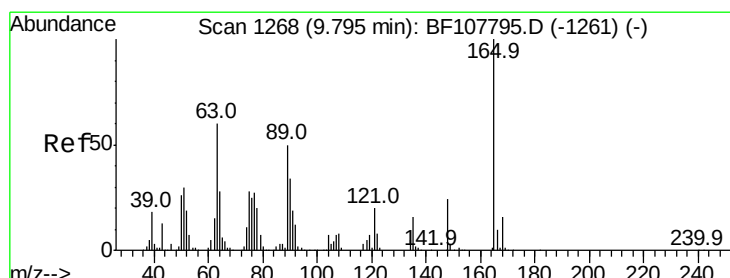
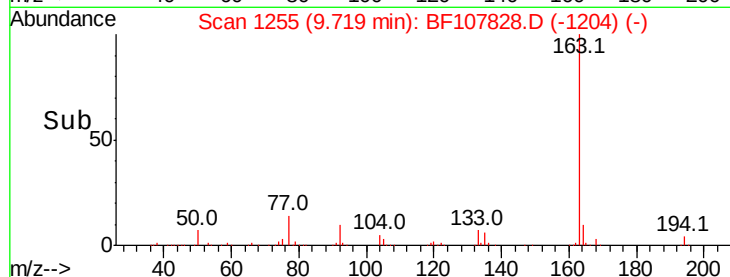
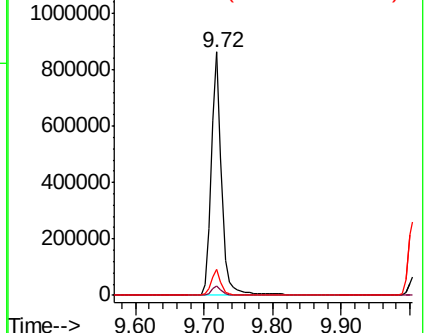
164 10.5 8.2 12.2



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: 38.512 ng

RT: 9.79 min Scan# 1267

Delta R.T. -0.01 min

Lab File: BF107828.D

Acq: 31 Jul 2018 4:21

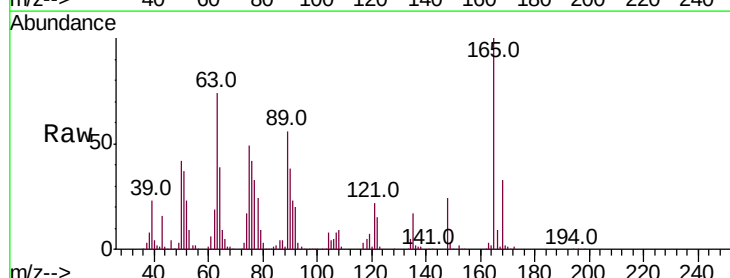
Tgt Ion:165 Resp: 185913

Ion Ratio Lower Upper

165 100

63 73.8 44.7 67.1#

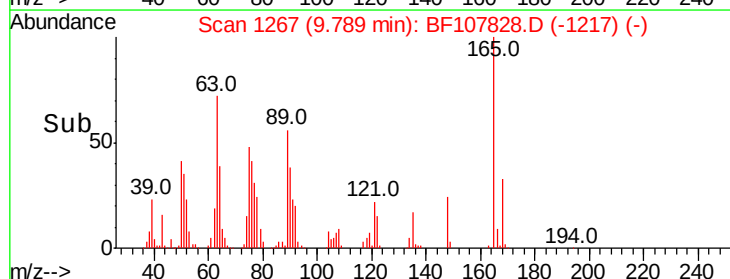
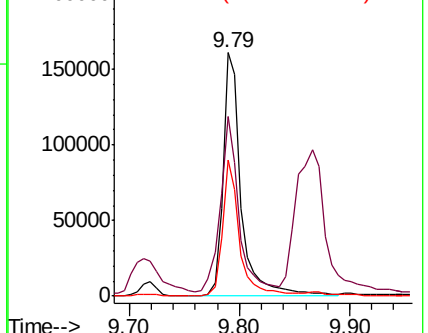
89 56.0 44.0 66.0

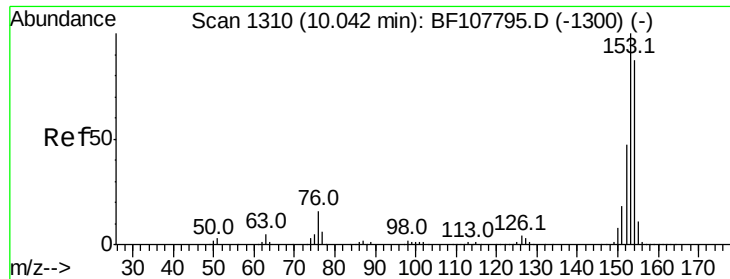


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1





#51

Acenaphthene

Concen: 38.979 ng

RT: 10.04 min Scan# 1310

Delta R.T. 0.00 min

Lab File: BF107828.D

Acq: 31 Jul 2018 4:21

Instrument :

BNA_F

ClientSampled :

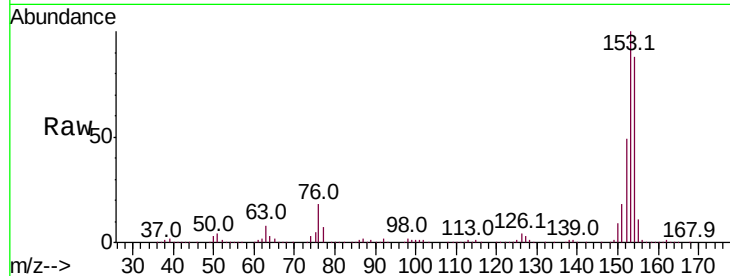
Tot Ion:154 Resp: 712556

Ion Ratio Lower Upper

154 100

153 114.1 91.2 136.8

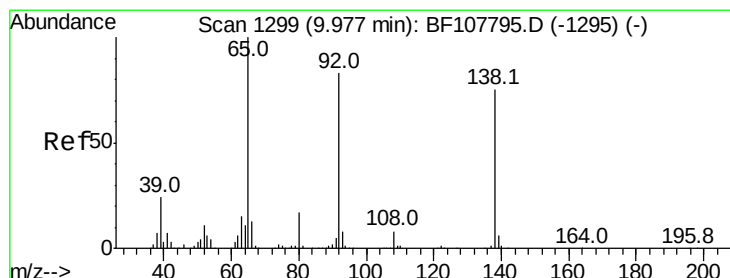
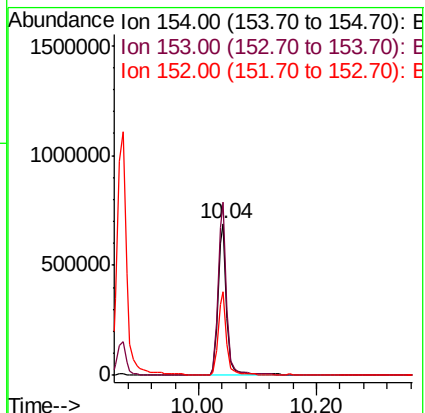
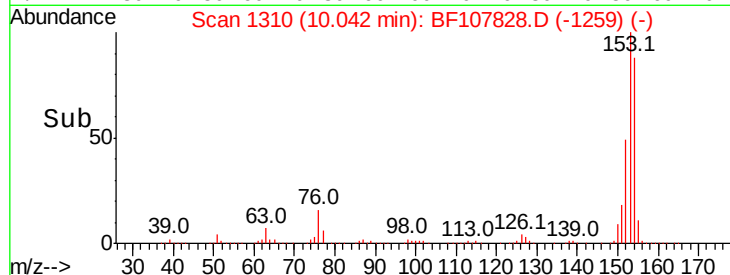
152 55.6 43.8 65.8



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: 40.210 ng

RT: 9.98 min Scan# 1299

Delta R.T. 0.00 min

Lab File: BF107828.D

Acq: 31 Jul 2018 4:21

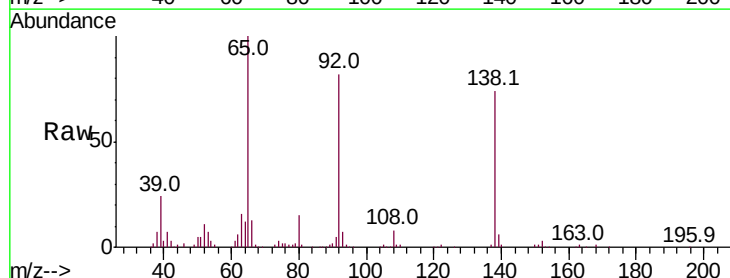
Tgt Ion:138 Resp: 244605

Ion Ratio Lower Upper

138 100

108 10.4 9.4 14.0

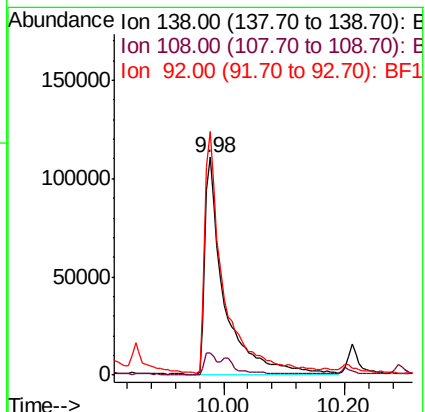
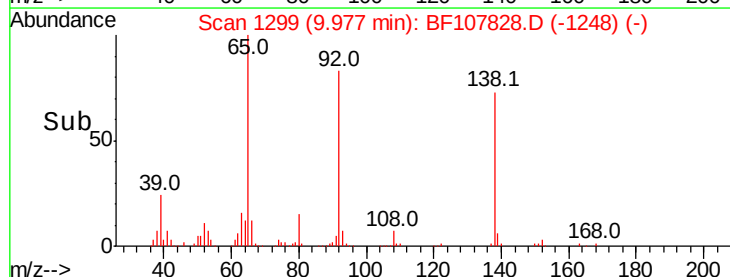
92 111.7 89.4 134.2

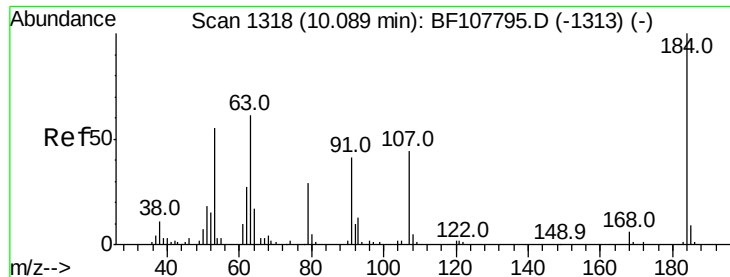


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

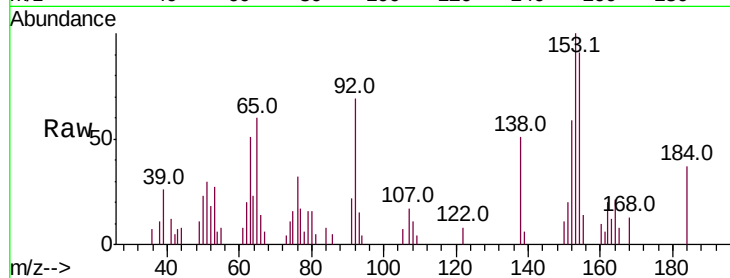




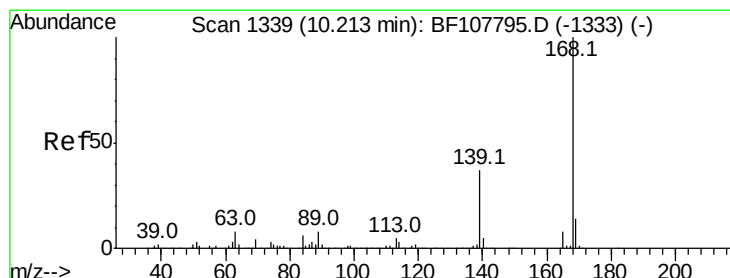
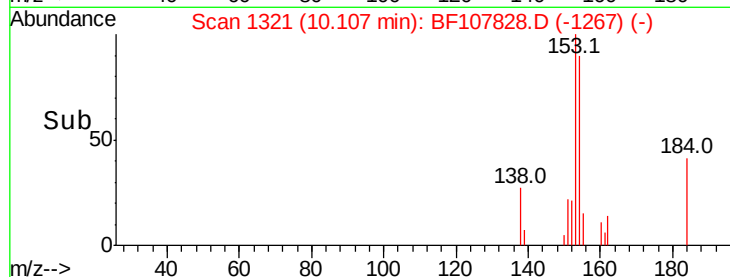
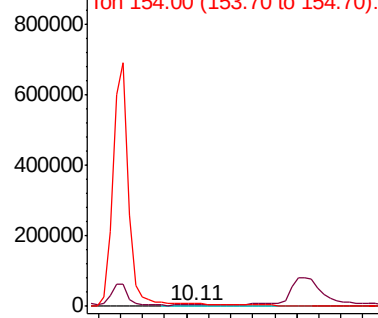
#53
 2,4-Dinitrophenol
 Concen: 12.729 ng
 RT: 10.11 min Scan# 1321
 Delta R.T. 0.02 min
 Lab File: BF107828.D
 Acq: 31 Jul 2018 4:21

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:184 Resp: 12200
 Ion Ratio Lower Upper
 184 100
 63 138.3 54.2 81.2#
 154 246.6 184.0 276.0

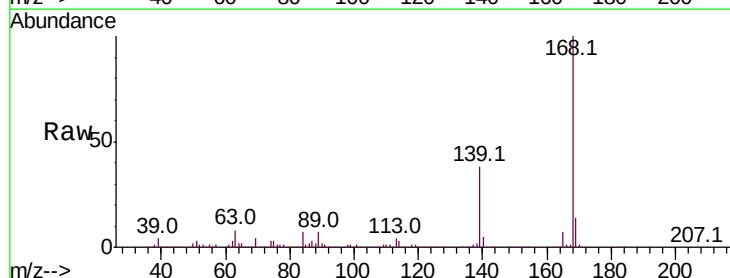


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 154.00 (153.70 to 154.70): E

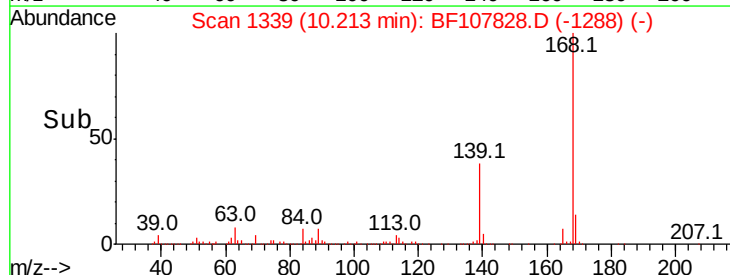
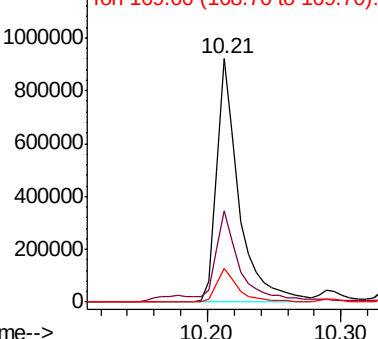


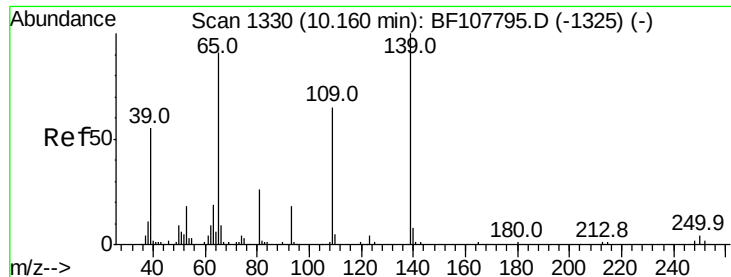
#54
 Dibenzofuran
 Concen: 37.777 ng
 RT: 10.21 min Scan# 1339
 Delta R.T. 0.00 min
 Lab File: BF107828.D
 Acq: 31 Jul 2018 4:21

Tgt Ion:168 Resp: 1067374
 Ion Ratio Lower Upper
 168 100
 139 37.6 30.1 45.1
 169 13.7 10.9 16.3



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

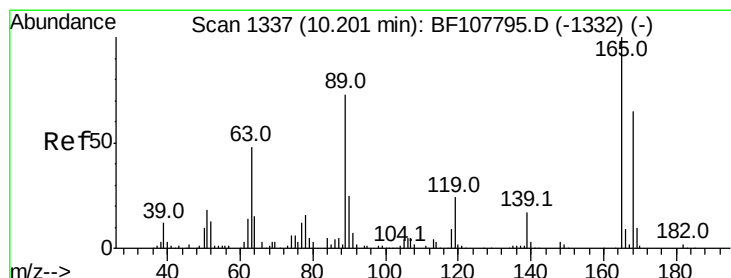
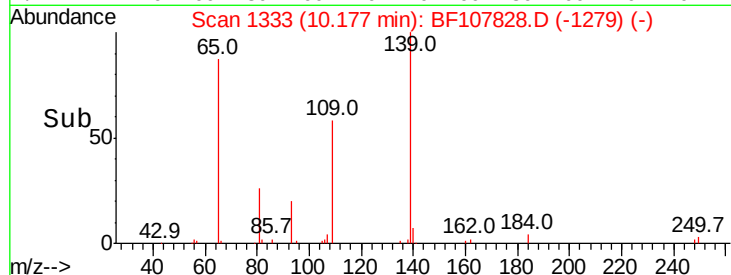
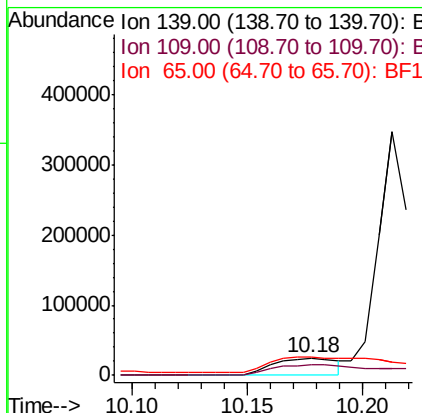
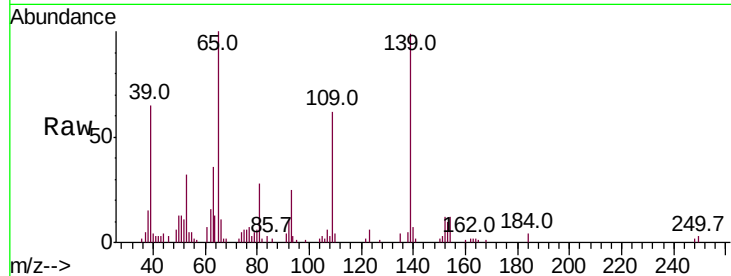




#55
4-Nitrophenol
Concen: 24.090 ng
RT: 10.18 min Scan# 1333
Delta R.T. 0.02 min
Lab File: BF107828.D
Acq: 31 Jul 2018 4:21

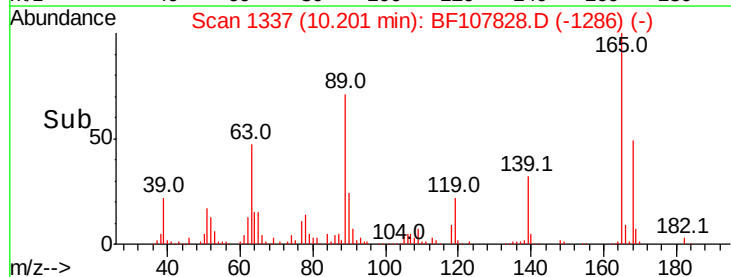
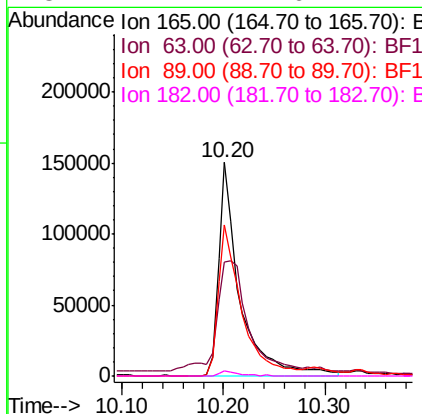
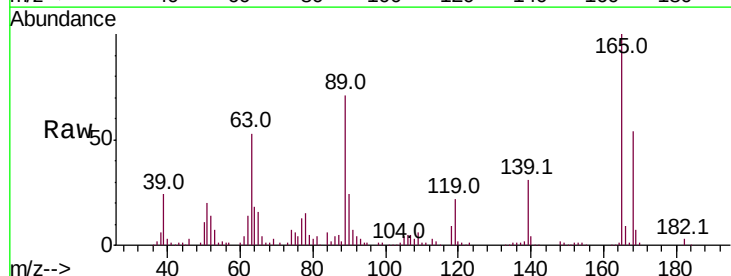
Instrument :
BNA_F
ClientSampleId :

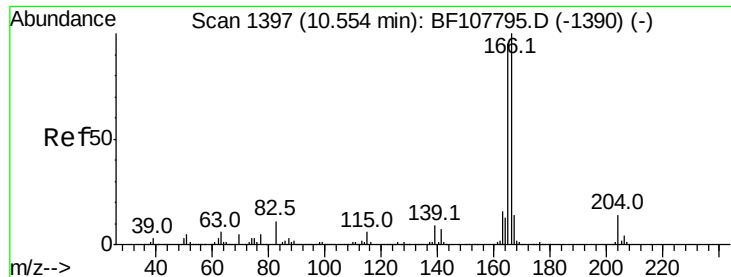
Tot Ion:139 Resp: 47881
Ion Ratio Lower Upper
139 100
109 63.1 48.4 88.4
65 101.1 72.6 112.6



#56
2,4-Dinitrotoluene
Concen: 34.212 ng
RT: 10.20 min Scan# 1337
Delta R.T. 0.00 min
Lab File: BF107828.D
Acq: 31 Jul 2018 4:21

Tgt Ion:165 Resp: 217072
Ion Ratio Lower Upper
165 100
63 53.4 36.4 54.6
89 70.7 57.8 86.6
182 2.7 1.6 2.4#

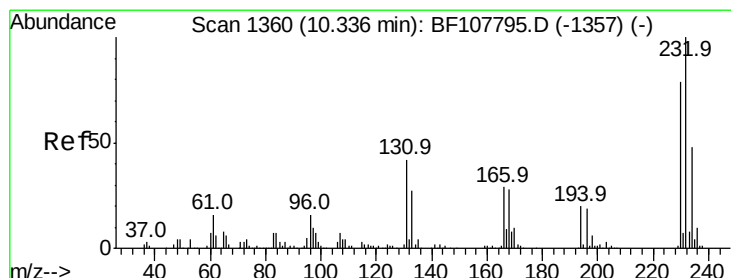
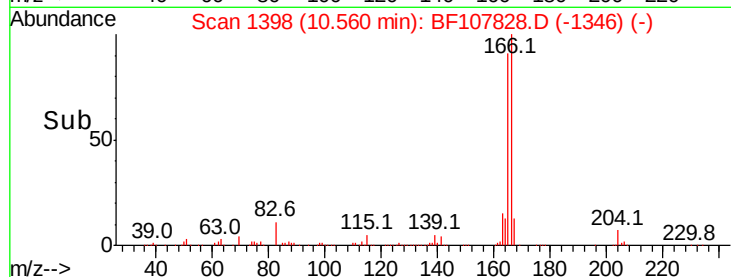
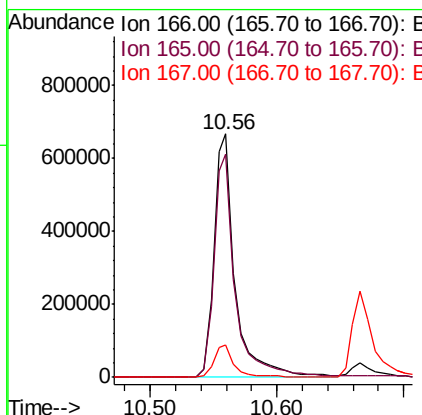
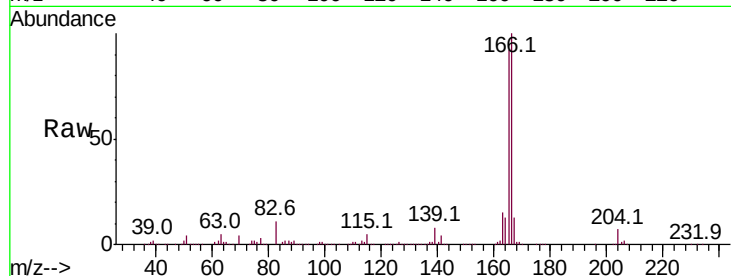




#57
 Fluorene
 Concen: 35.473 ng
 RT: 10.56 min Scan# 1398
 Delta R.T. 0.01 min
 Lab File: BF107828.D
 Acq: 31 Jul 2018 4:21

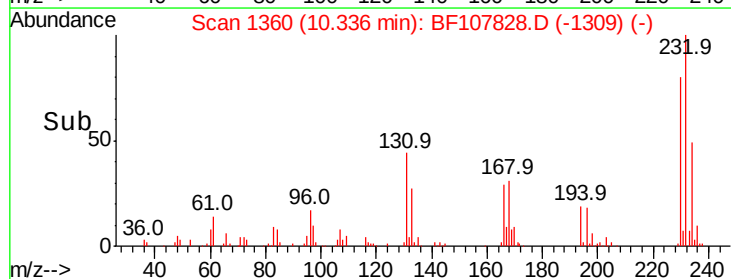
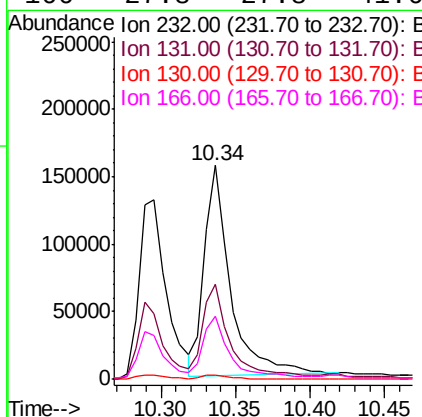
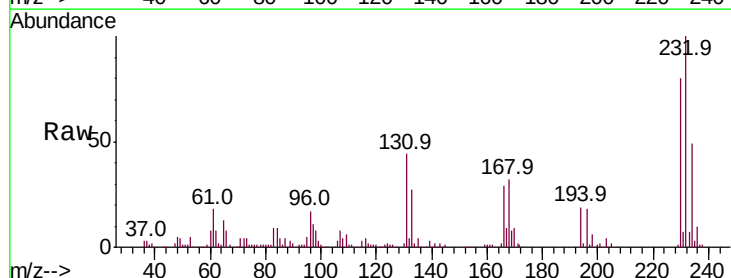
Instrument :
 BNA_F
 ClientSampled :

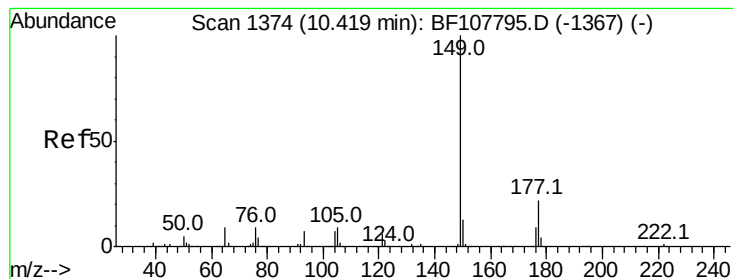
Tot Ion:166 Resp: 778926
 Ion Ratio Lower Upper
 166 100
 165 91.8 79.8 119.8
 167 13.3 10.6 16.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 31.017 ng
 RT: 10.34 min Scan# 1360
 Delta R.T. 0.00 min
 Lab File: BF107828.D
 Acq: 31 Jul 2018 4:21

Tgt Ion:232 Resp: 191209
 Ion Ratio Lower Upper
 232 100
 131 42.3 43.8 65.8#
 130 2.0 2.1 3.1#
 166 27.8 27.8 41.6





#59

Diethylphthalate

Concen: 38.213 ng

RT: 10.41 min Scan# 1373

Delta R.T. -0.01 min

Lab File: BF107828.D

Acq: 31 Jul 2018 4:21

Instrument :

BNA_F

ClientSampleId :

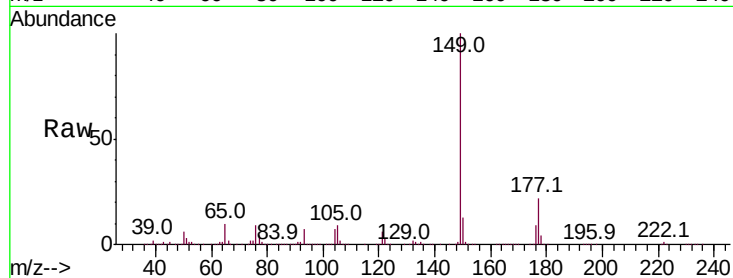
Tot Ion:149 Resp: 912657

Ion Ratio Lower Upper

149 100

177 21.6 16.1 24.1

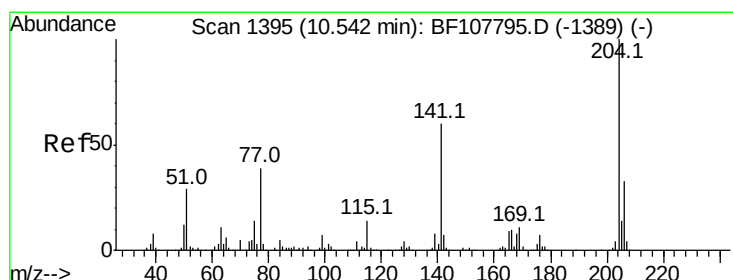
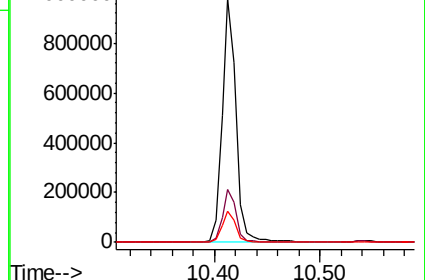
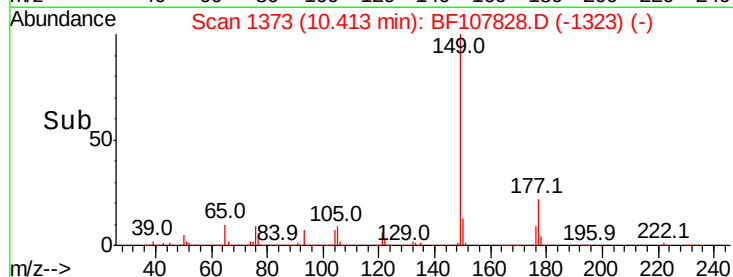
150 12.8 10.1 15.1



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 36.679 ng

RT: 10.54 min Scan# 1395

Delta R.T. 0.00 min

Lab File: BF107828.D

Acq: 31 Jul 2018 4:21

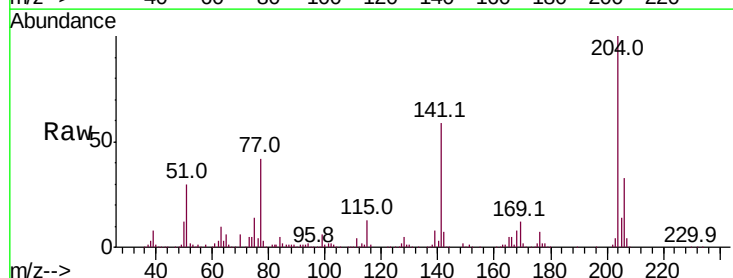
Tgt Ion:204 Resp: 438764

Ion Ratio Lower Upper

204 100

206 32.7 26.5 39.7

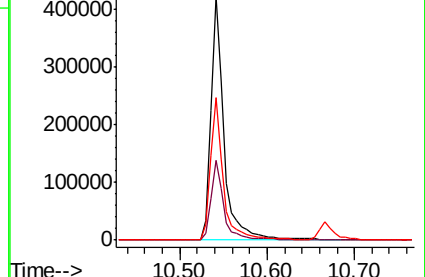
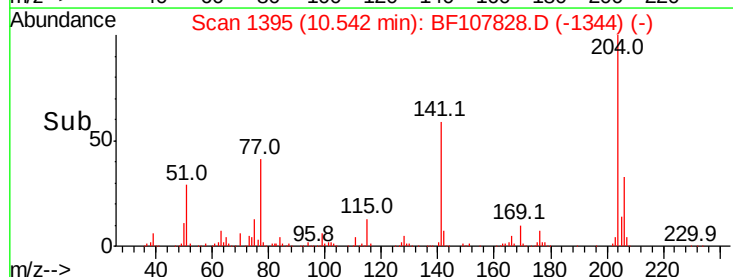
141 58.8 54.6 81.8

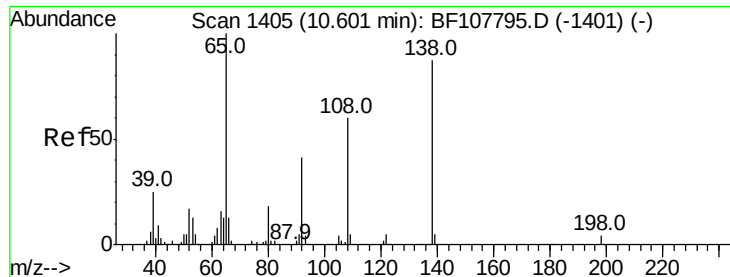


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

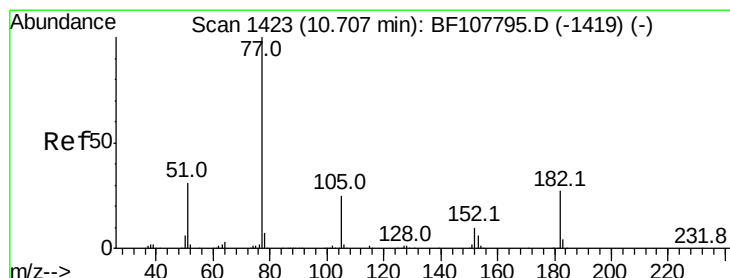
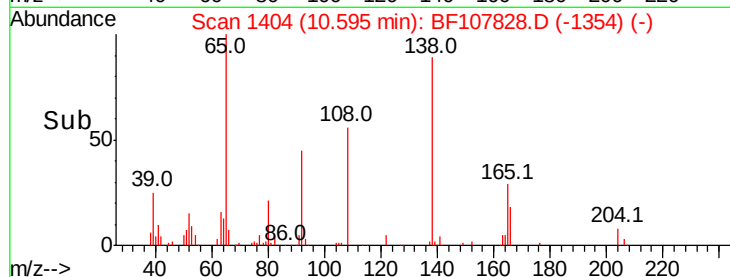
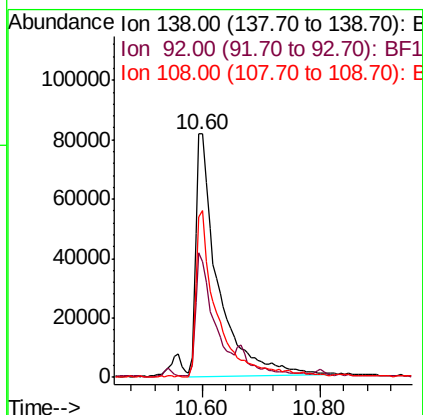
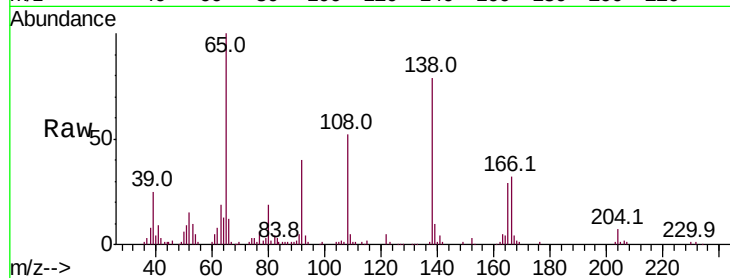




#61
4-Nitroaniline
Concen: 39.153 ng
RT: 10.60 min Scan# 1404
Delta R.T. -0.01 min
Lab File: BF107828.D
Acq: 31 Jul 2018 4:21

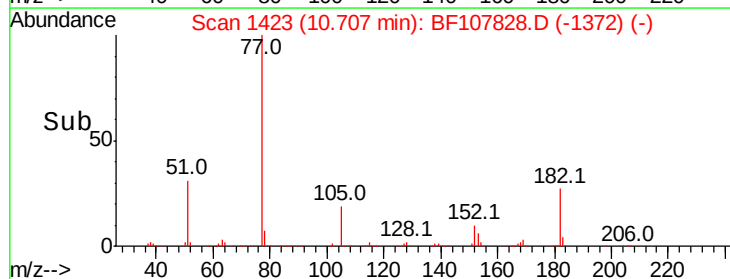
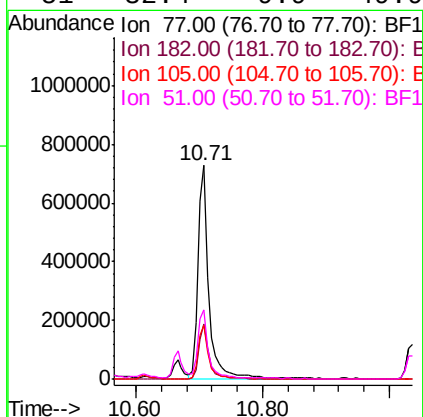
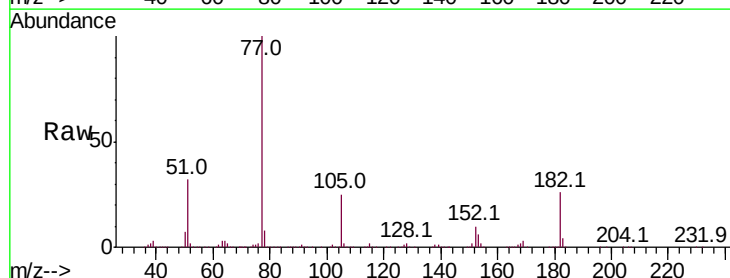
Instrument :
BNA_F
ClientSampled :

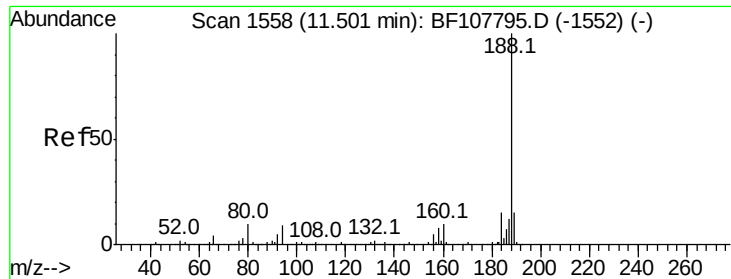
Tot Ion:138 Resp: 211365
Ion Ratio Lower Upper
138 100
92 51.2 30.2 70.2
108 66.1 52.5 92.5



#62
Azobenzene
Concen: 37.452 ng
RT: 10.71 min Scan# 1423
Delta R.T. 0.00 min
Lab File: BF107828.D
Acq: 31 Jul 2018 4:21

Tgt Ion: 77 Resp: 833064
Ion Ratio Lower Upper
77 100
182 26.0 1.7 41.7
105 25.1 3.0 43.0
51 32.4 9.9 49.9

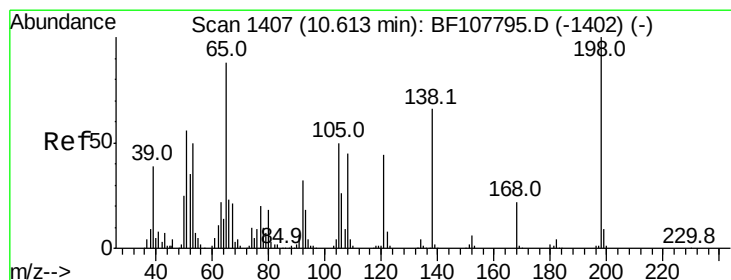
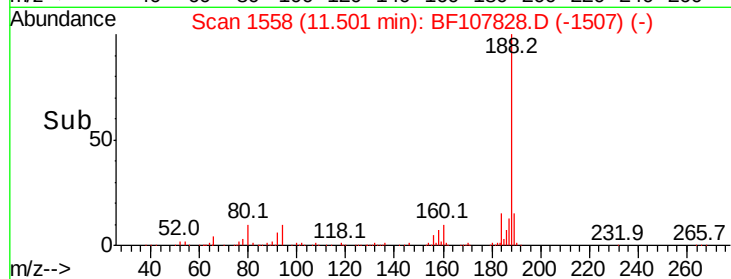
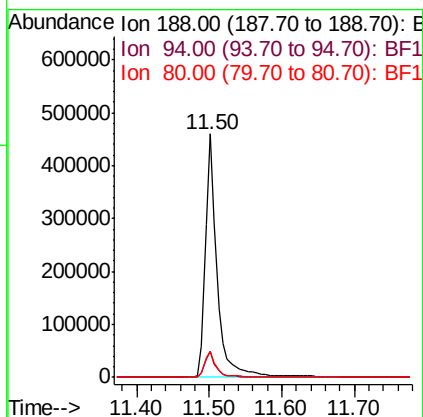
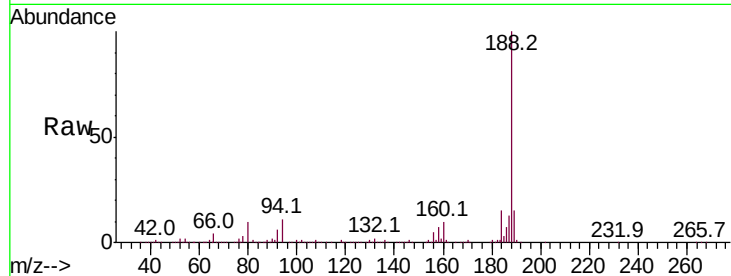




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1558
Delta R.T. 0.00 min
Lab File: BF107828.D
Acq: 31 Jul 2018 4:21

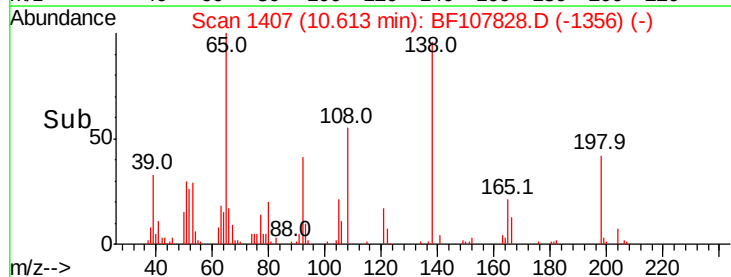
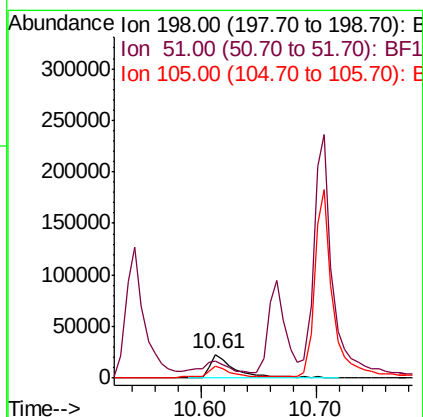
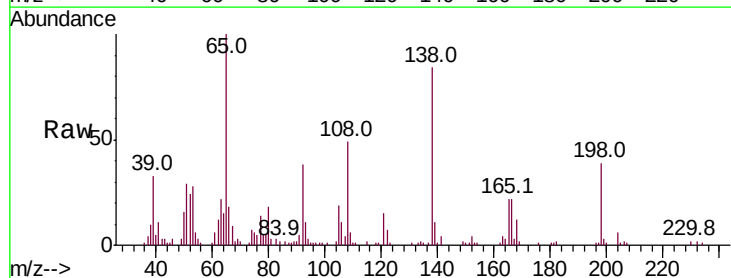
Instrument :
BNA_F
ClientSampleId :

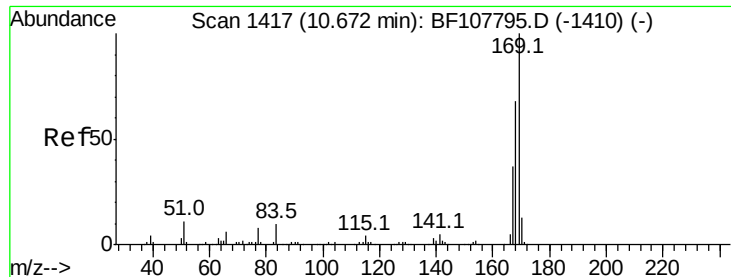
Tot Ion:188 Resp: 523246
Ion Ratio Lower Upper
188 100
94 10.7 8.5 12.7
80 10.5 9.2 13.8



#64
4,6-Dinitro-2-methylphenol
Concen: 12.397 ng
RT: 10.61 min Scan# 1407
Delta R.T. 0.00 min
Lab File: BF107828.D
Acq: 31 Jul 2018 4:21

Tgt Ion:198 Resp: 35290
Ion Ratio Lower Upper
198 100
51 73.6 37.7 77.7
105 49.6 36.3 76.3

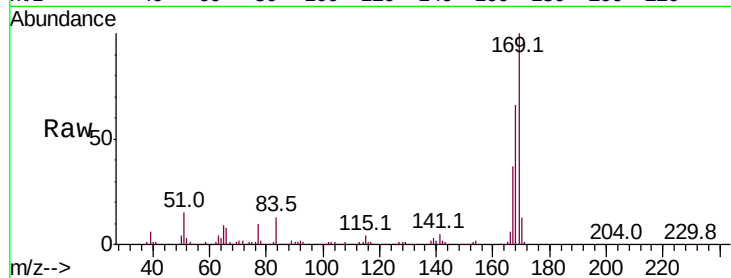




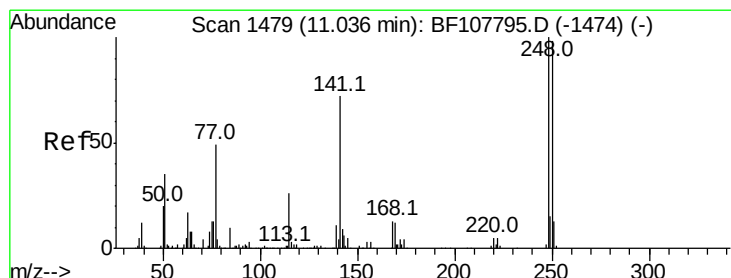
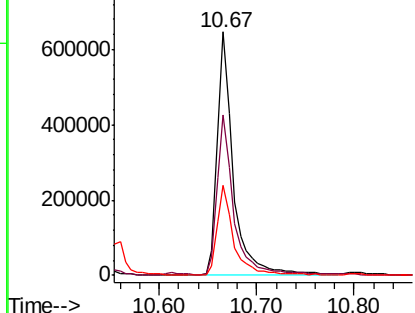
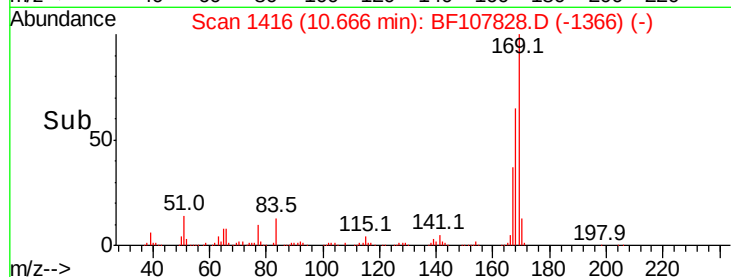
#65
 n-Nitrosodiphenylamine
 Concen: 43.234 ng
 RT: 10.67 min Scan# 1416
 Delta R.T. -0.01 min
 Lab File: BF107828.D
 Acq: 31 Jul 2018 4:21

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	169	Resp	744887
Ion Ratio	100		
Lower	54.4		
Upper	81.6		
168	66.0		
167	36.7		

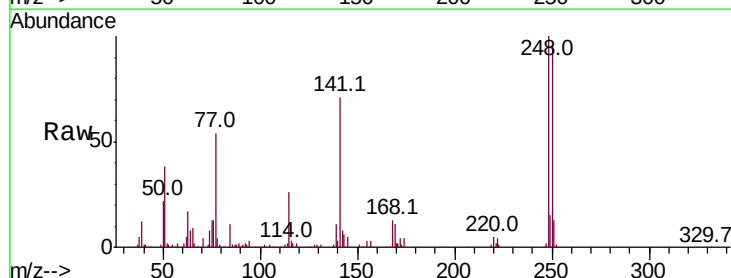


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

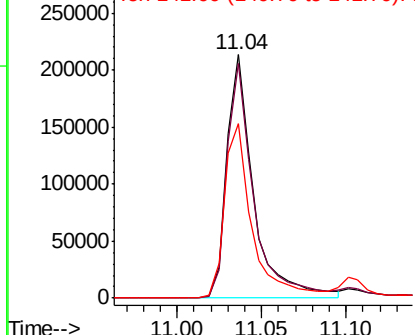
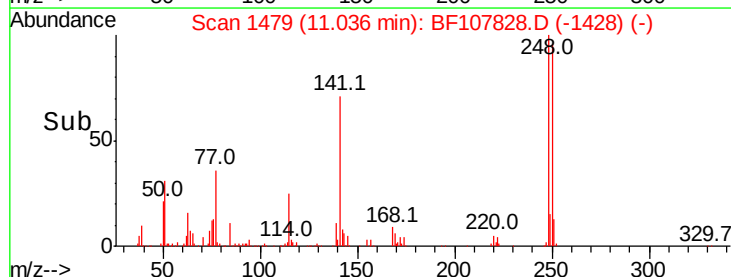


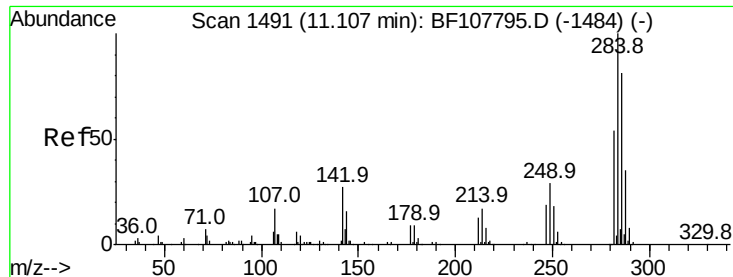
#66
 4-Bromophenyl-phenylether
 Concen: 38.877 ng
 RT: 11.04 min Scan# 1479
 Delta R.T. 0.00 min
 Lab File: BF107828.D
 Acq: 31 Jul 2018 4:21

Tgt Ion	248	Resp	237100
Ion Ratio	100		
Lower	76.9		
Upper	115.3		
250	96.1		
141	71.5		



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

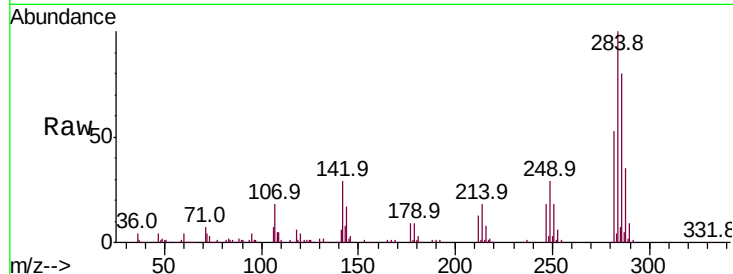




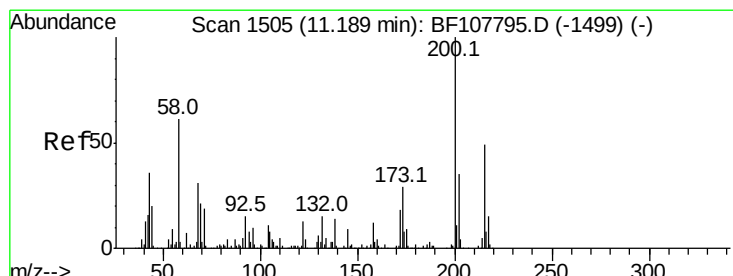
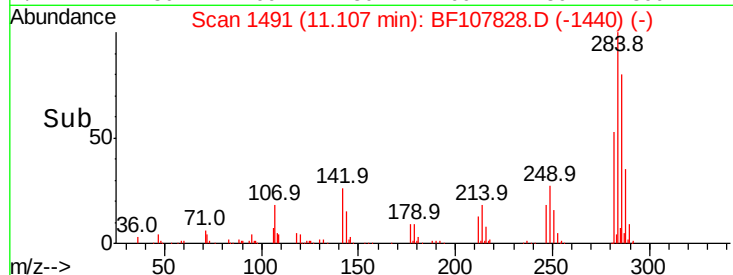
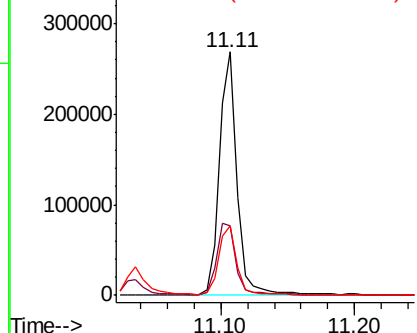
#67
Hexachlorobenzene
Concen: 37.323 ng
RT: 11.11 min Scan# 1491
Delta R.T. 0.00 min
Lab File: BF107828.D
Acq: 31 Jul 2018 4:21

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
284	100		
142	28.8	34.6	52.0#
249	28.6	24.8	37.2

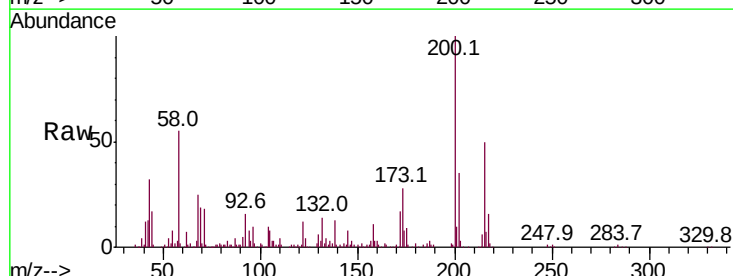


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

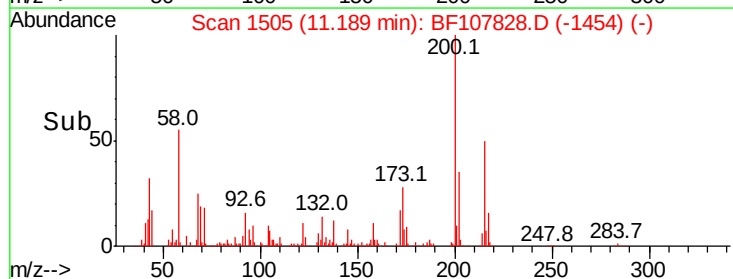
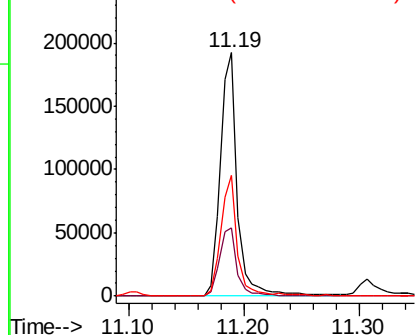


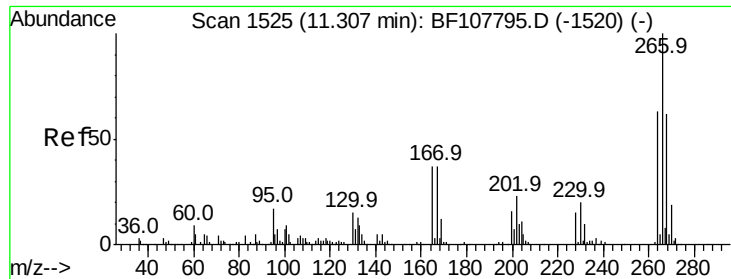
#68
Atrazine
Concen: 38.532 ng
RT: 11.19 min Scan# 1505
Delta R.T. 0.00 min
Lab File: BF107828.D
Acq: 31 Jul 2018 4:21

Tgt Ion	Ratio	Lower	Upper
200	100		
173	27.8	8.6	48.6
215	49.7	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: 32.074 ng

RT: 11.31 min Scan# 1525

Delta R.T. 0.00 min

Lab File: BF107828.D

Acq: 31 Jul 2018 4:21

Instrument :

BNA_F

ClientSampled :

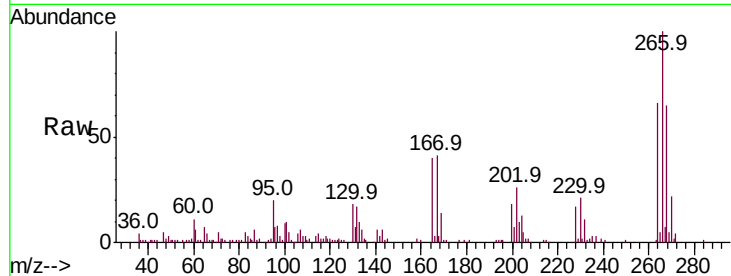
Tot Ion:266 Resp: 106781

Ion Ratio Lower Upper

266 100

268 64.9 51.1 76.7

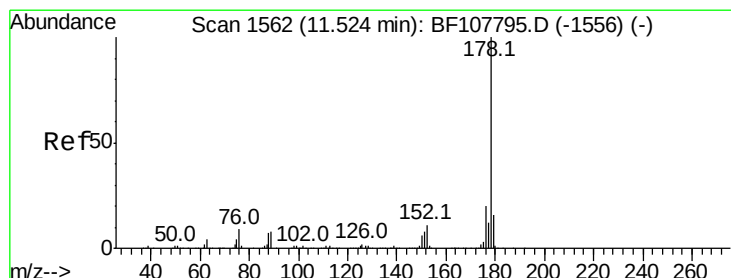
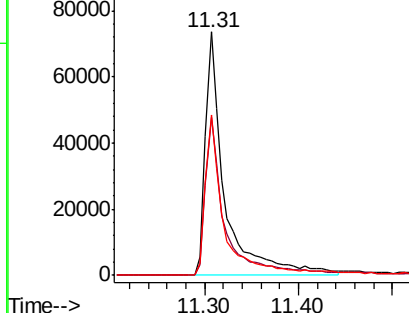
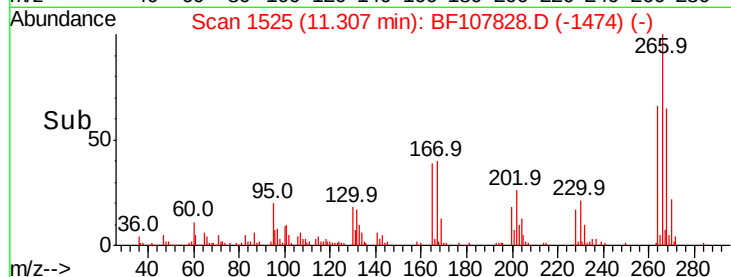
264 65.8 49.5 74.3



Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



#70

Phenanthrene

Concen: 37.913 ng

RT: 11.52 min Scan# 1562

Delta R.T. 0.00 min

Lab File: BF107828.D

Acq: 31 Jul 2018 4:21

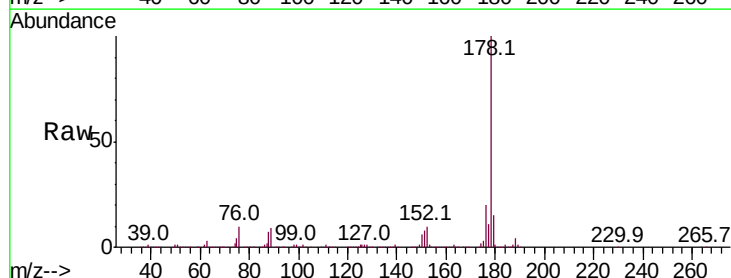
Tgt Ion:178 Resp: 941964

Ion Ratio Lower Upper

178 100

176 19.6 15.8 23.8

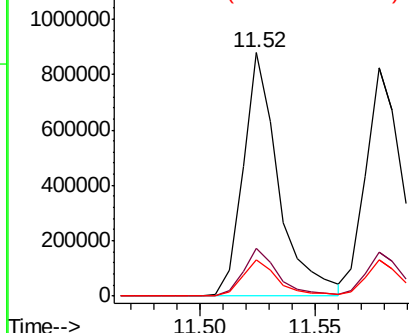
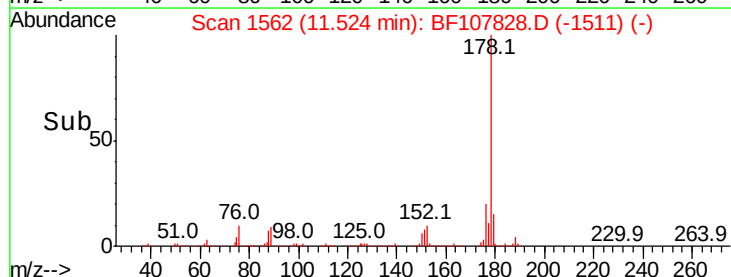
179 15.1 13.0 19.6

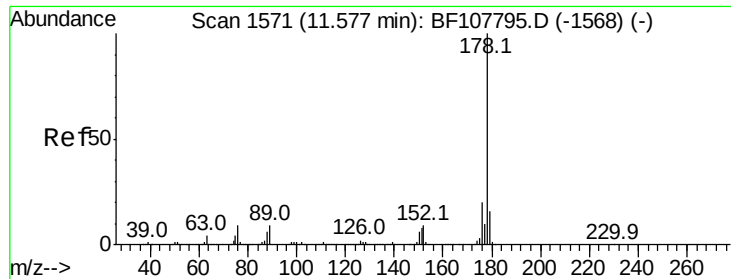


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

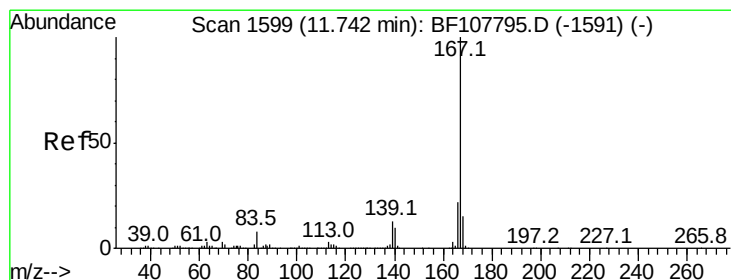
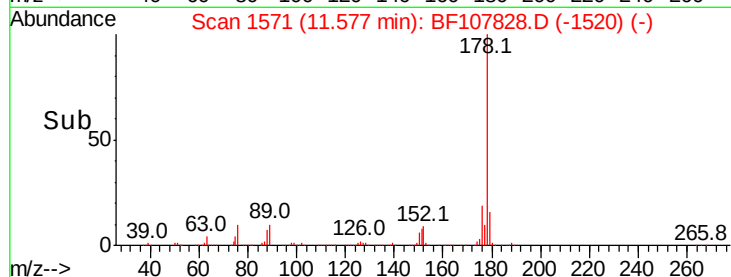
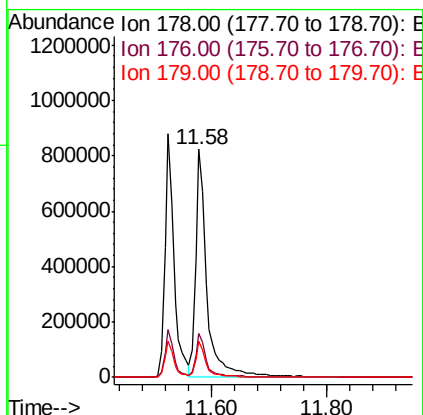
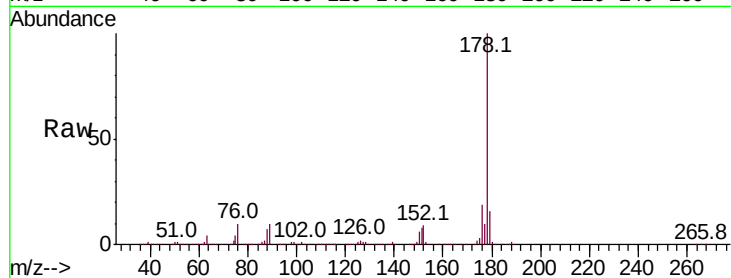




#71
 Anthracene
 Concen: 38.494 ng
 RT: 11.58 min Scan# 1571
 Delta R.T. 0.00 min
 Lab File: BF107828.D
 Acq: 31 Jul 2018 4:21

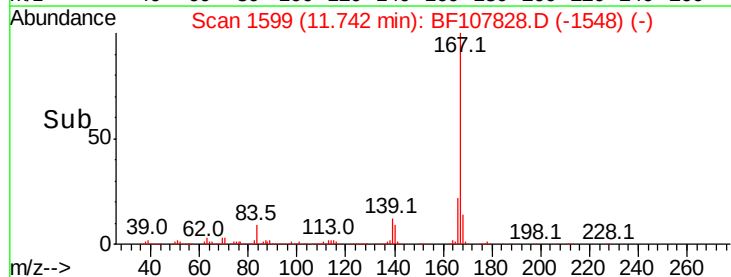
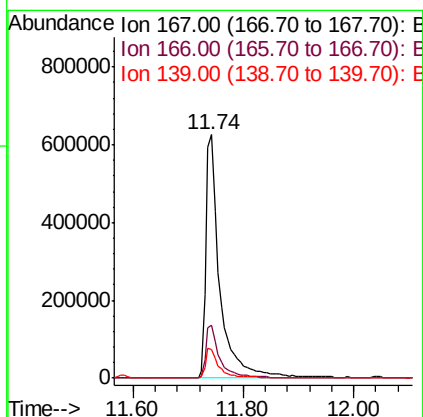
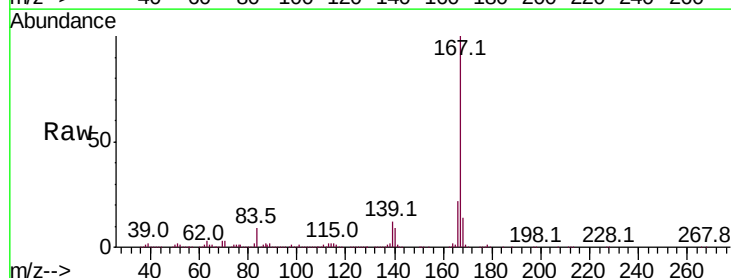
Instrument :
 BNA_F
 ClientSampled :

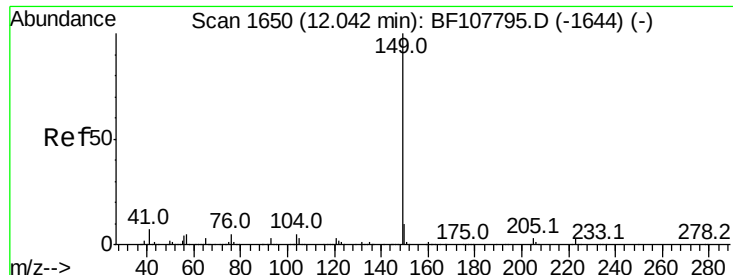
Tot Ion:178 Resp: 1103132
 Ion Ratio Lower Upper
 178 100
 176 19.0 15.4 23.2
 179 16.0 12.6 19.0



#72
 Carbazole
 Concen: 38.272 ng
 RT: 11.74 min Scan# 1599
 Delta R.T. 0.00 min
 Lab File: BF107828.D
 Acq: 31 Jul 2018 4:21

Tgt Ion:167 Resp: 1083858
 Ion Ratio Lower Upper
 167 100
 166 21.9 17.6 26.4
 139 11.9 10.9 16.3

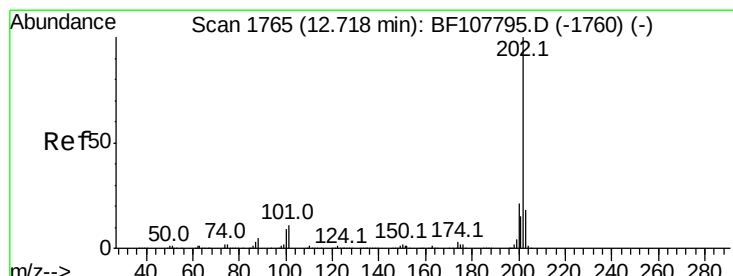
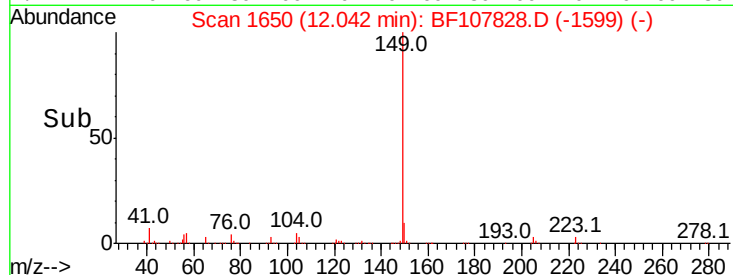
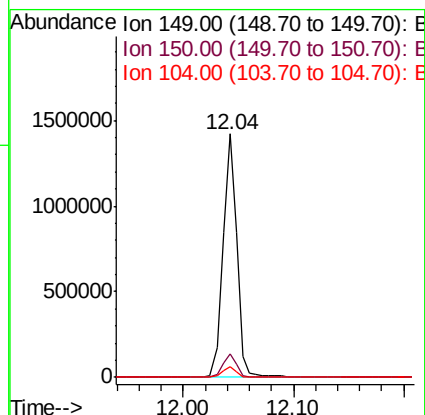
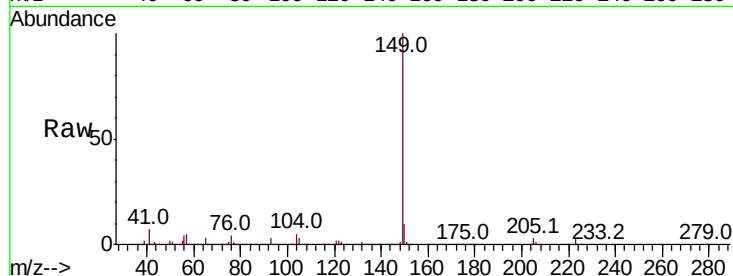




#73
Di-n-butylphthalate
Concen: 40.305 ng
RT: 12.04 min Scan# 1650
Delta R.T. 0.00 min
Lab File: BF107828.D
Acq: 31 Jul 2018 4:21

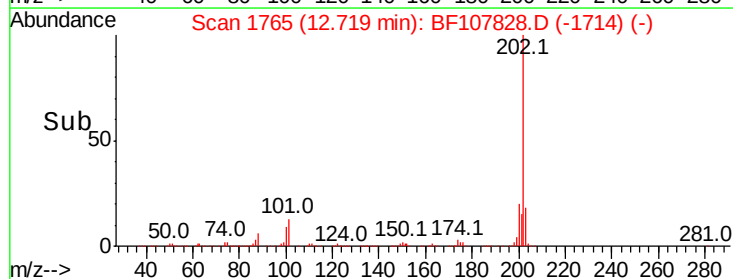
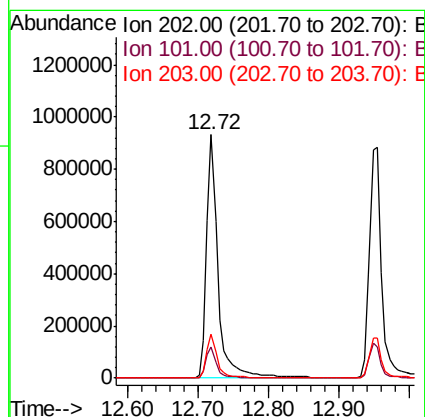
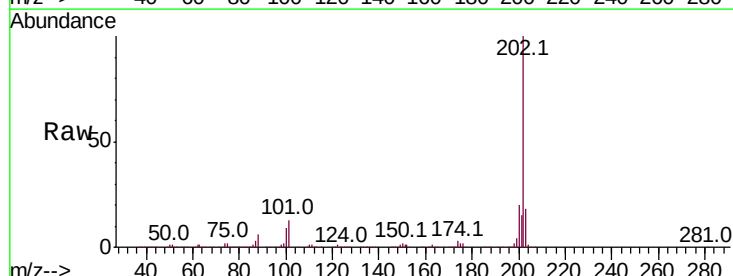
Instrument :
BNA_F
ClientSampleId :

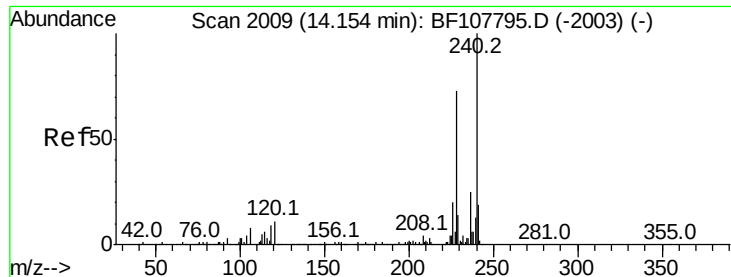
Tot Ion:149 Resp: 1245252
Ion Ratio Lower Upper
149 100
150 9.7 7.8 11.6
104 4.5 3.8 5.8



#74
Fluoranthene
Concen: 36.029 ng
RT: 12.72 min Scan# 1765
Delta R.T. 0.00 min
Lab File: BF107828.D
Acq: 31 Jul 2018 4:21

Tgt Ion:202 Resp: 1051616
Ion Ratio Lower Upper
202 100
101 12.7 0.0 34.1
203 18.0 0.0 38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.15 min Scan# 2009

Delta R.T. 0.00 min

Lab File: BF107828.D

Acq: 31 Jul 2018 4:21

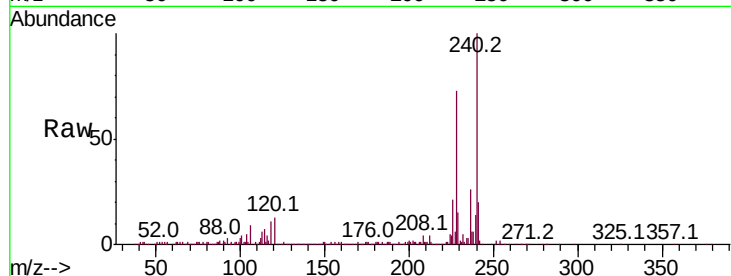
Instrument :

BNA_F

ClientSampled :

Tot Ion:240 Resp: 423595

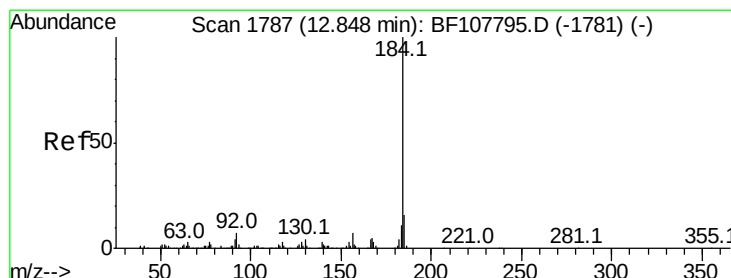
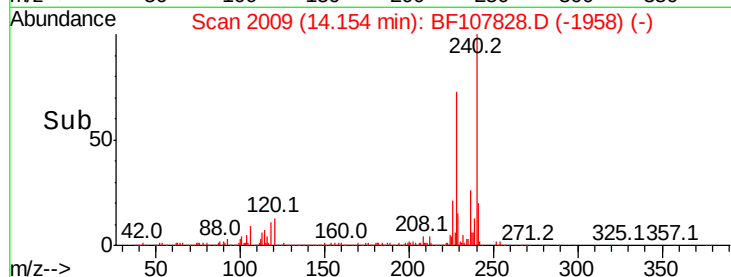
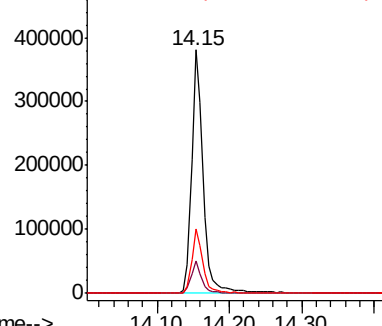
Ion	Ratio	Lower	Upper
240	100		
120	13.1	9.5	14.3
236	26.3	20.7	31.1



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: 40.159 ng

RT: 12.85 min Scan# 1787

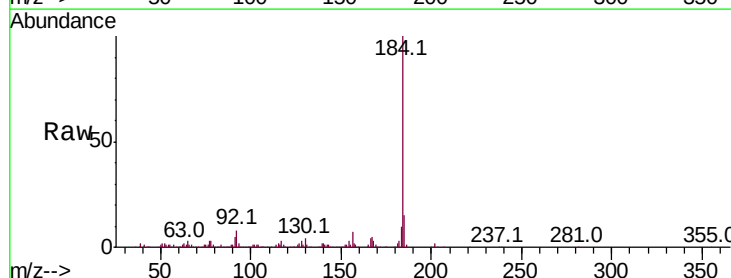
Delta R.T. 0.00 min

Lab File: BF107828.D

Acq: 31 Jul 2018 4:21

Tgt Ion:184 Resp: 550012

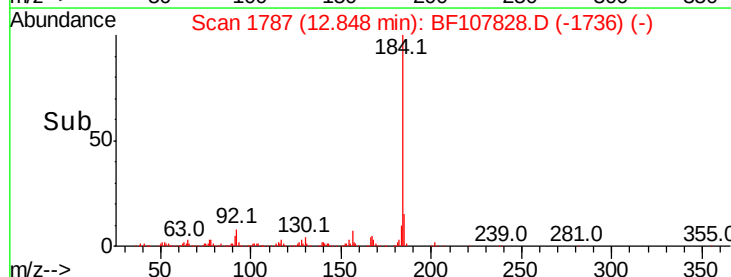
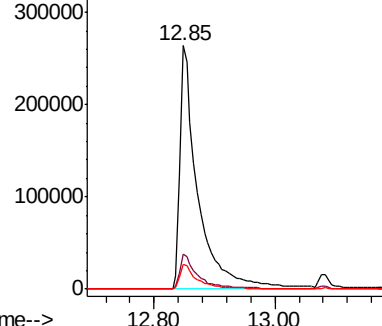
Ion	Ratio	Lower	Upper
184	100		
185	14.5	12.6	18.8
183	10.4	9.3	13.9

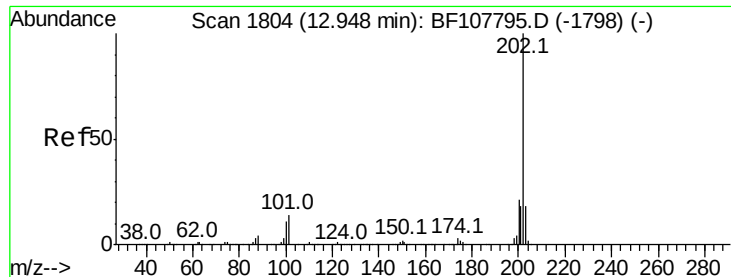


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 35.222 ng

RT: 12.95 min Scan# 1805

Delta R.T. 0.01 min

Lab File: BF107828.D

Acq: 31 Jul 2018 4:21

Instrument :

BNA_F

ClientSampled :

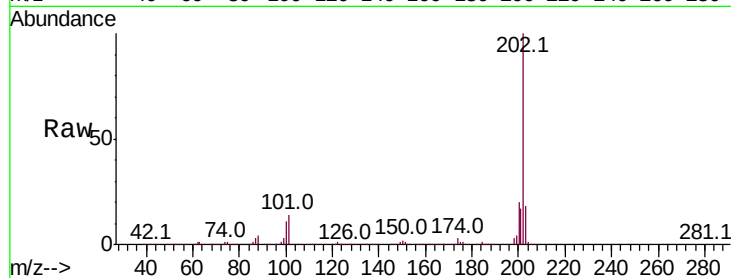
Tot Ion:202 Resp: 1074342

Ion Ratio Lower Upper

202 100

200 20.4 17.4 26.2

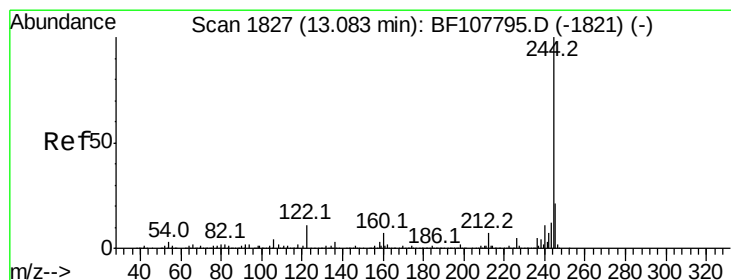
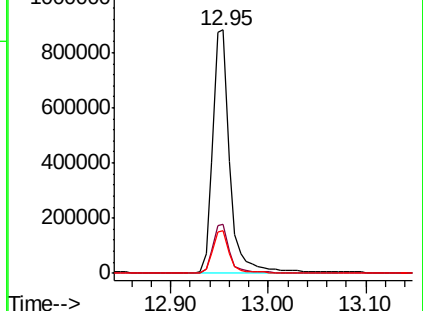
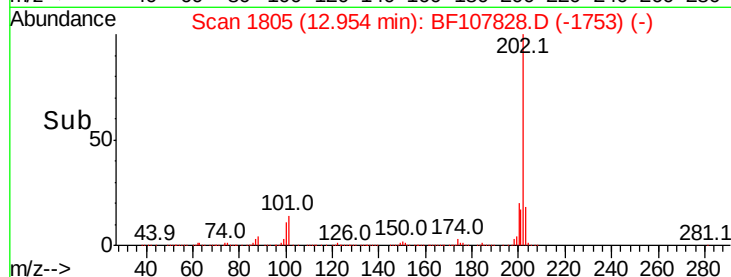
203 17.6 14.3 21.5



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: 71.988 ng

RT: 13.08 min Scan# 1827

Delta R.T. 0.00 min

Lab File: BF107828.D

Acq: 31 Jul 2018 4:21

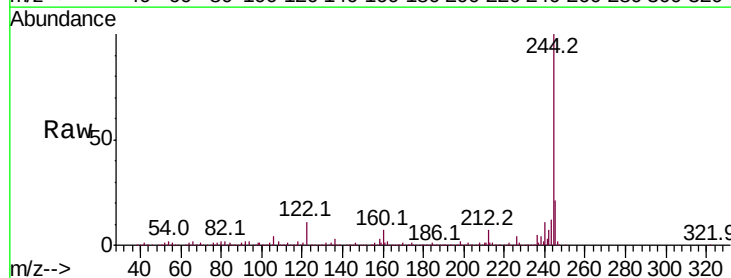
Tgt Ion:244 Resp: 1406251

Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.0

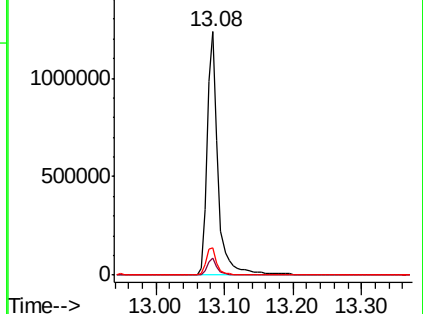
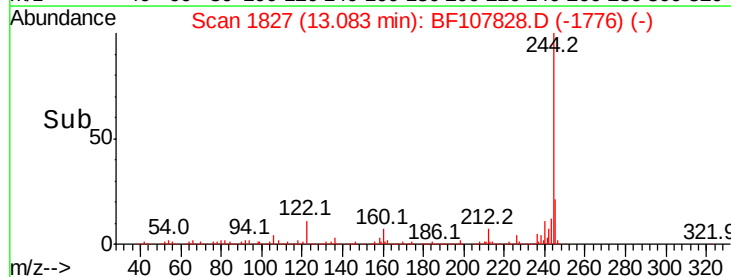
122 11.3 11.0 16.4

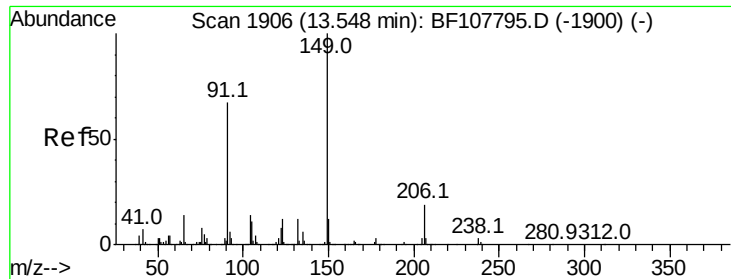


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

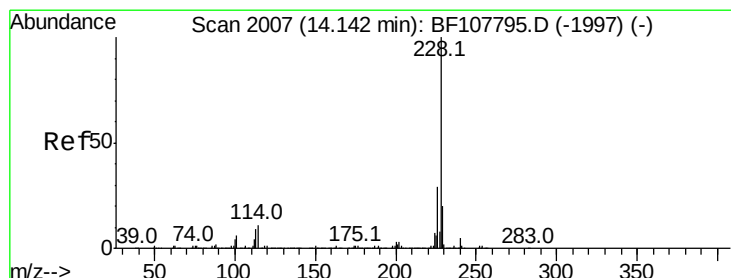
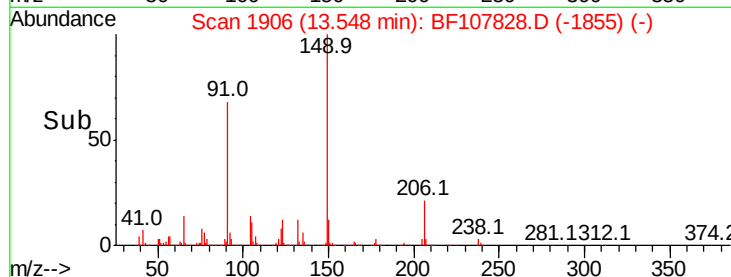
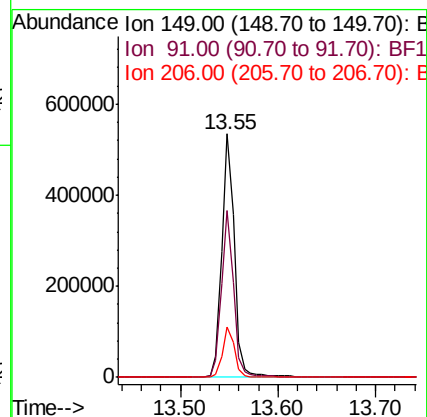
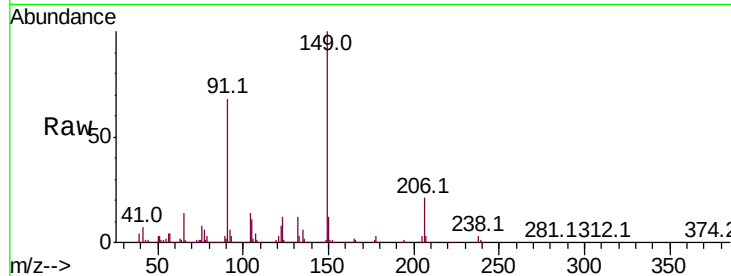




#79
Butylbenzylphthalate
Concen: 35.854 ng
RT: 13.55 min Scan# 1906
Delta R.T. 0.00 min
Lab File: BF107828.D
Acq: 31 Jul 2018 4:21

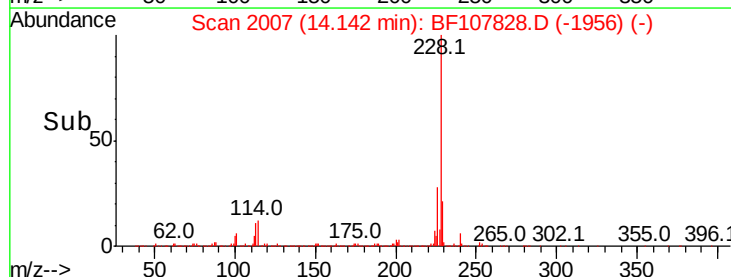
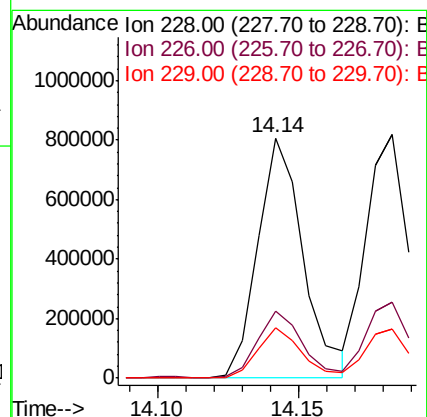
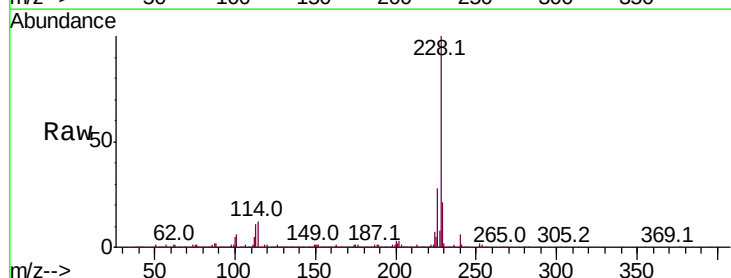
Instrument :
BNA_F
ClientSampleId :

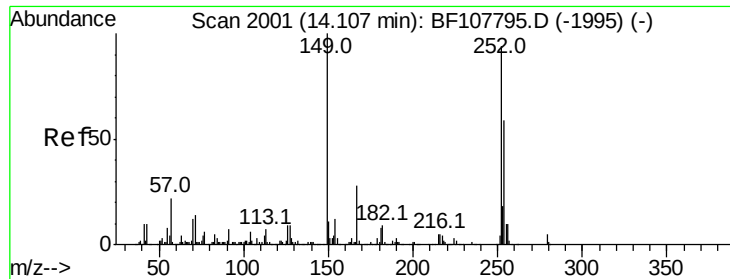
Tot Ion	Ratio	Lower	Upper
149	100		
91	68.3	56.8	85.2
206	20.6	14.1	21.1



#80
Benzo(a)anthracene
Concen: 37.588 ng
RT: 14.14 min Scan# 2007
Delta R.T. 0.00 min
Lab File: BF107828.D
Acq: 31 Jul 2018 4:21

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.1	22.6	33.8
229	20.8	15.8	23.6

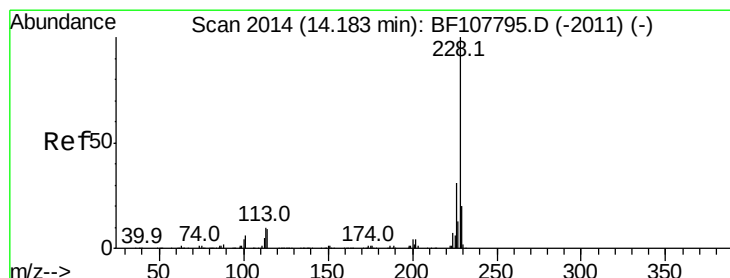
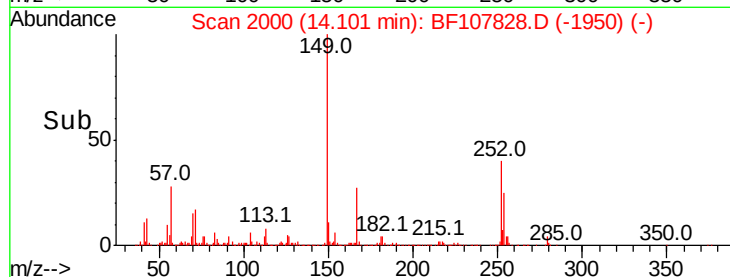
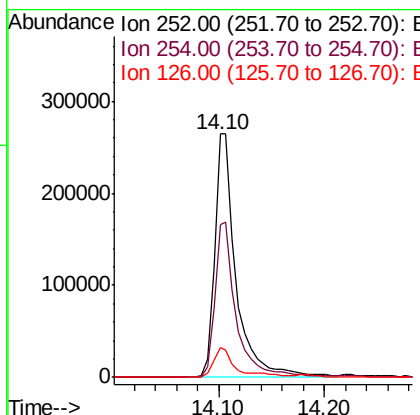
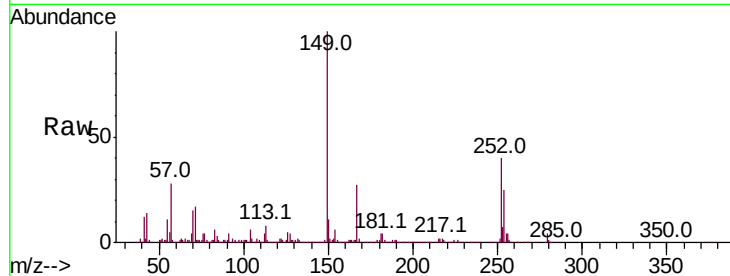




#81
 3,3'-Dichlorobenzidine
 Concen: 40.648 ng
 RT: 14.10 min Scan# 2000
 Delta R.T. -0.01 min
 Lab File: BF107828.D
 Acq: 31 Jul 2018 4:21

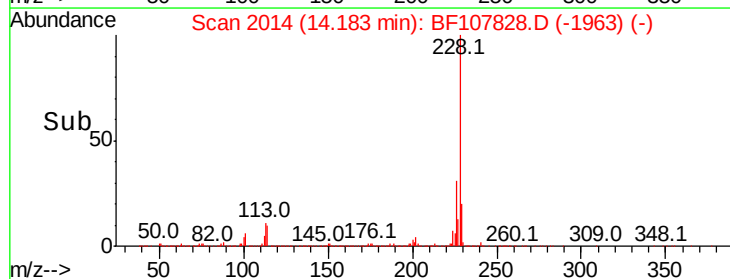
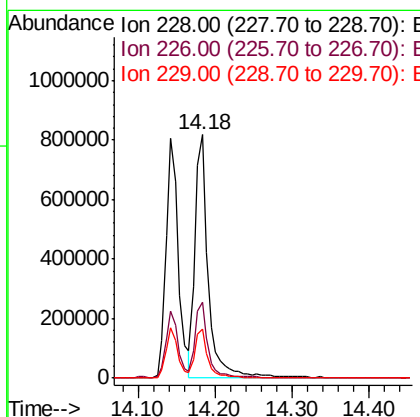
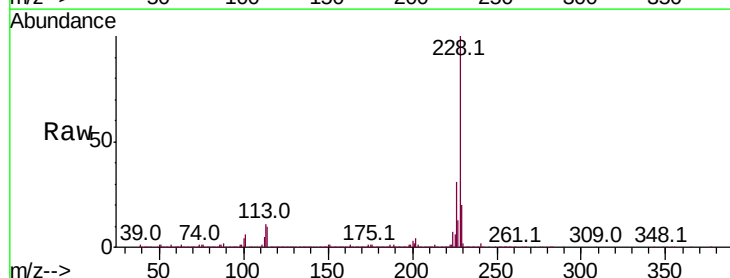
Instrument :
 BNA_F
 ClientSampleId :

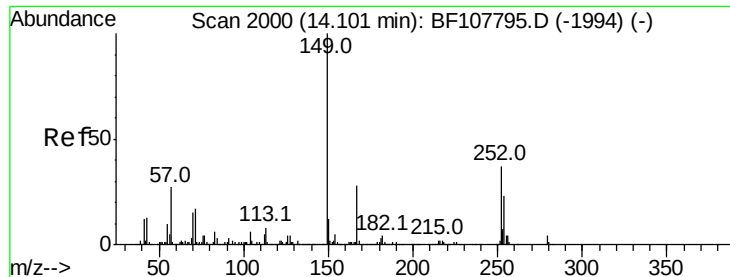
Tot Ion:252 Resp: 378088
 Ion Ratio Lower Upper
 252 100
 254 62.6 50.4 75.6
 126 12.1 11.3 16.9



#82
 Chrysene
 Concen: 37.871 ng
 RT: 14.18 min Scan# 2014
 Delta R.T. 0.00 min
 Lab File: BF107828.D
 Acq: 31 Jul 2018 4:21

Tgt Ion:228 Resp: 980142
 Ion Ratio Lower Upper
 228 100
 226 30.9 25.0 37.6
 229 20.3 16.2 24.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 36.683 ng

RT: 14.10 min Scan# 2000

Delta R.T. 0.00 min

Lab File: BF107828.D

Acq: 31 Jul 2018 4:21

Instrument :

BNA_F

ClientSampleId :

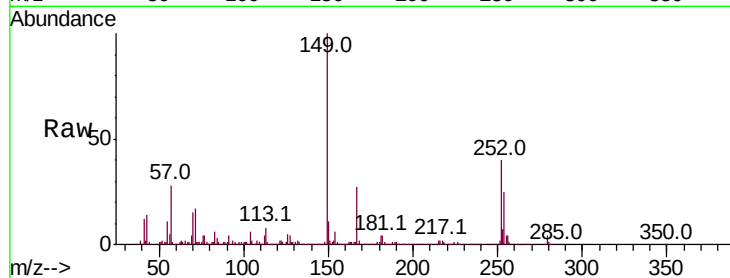
Tot Ion:149 Resp: 615978

Ion Ratio Lower Upper

149 100

167 27.1 21.3 31.9

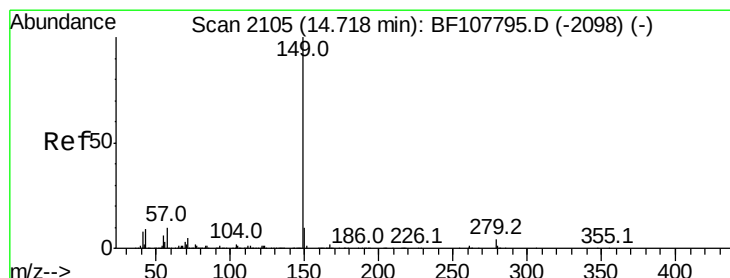
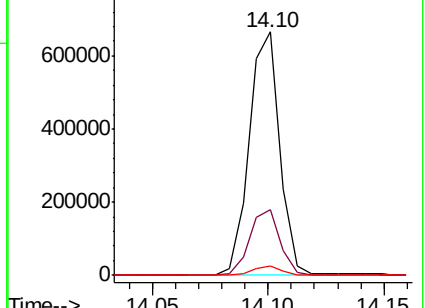
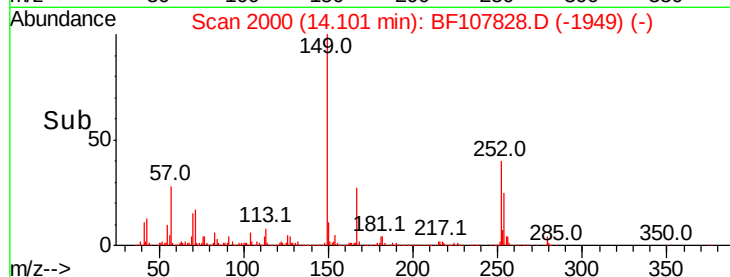
279 4.0 3.0 4.4



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: 41.439 ng

RT: 14.72 min Scan# 2105

Delta R.T. 0.00 min

Lab File: BF107828.D

Acq: 31 Jul 2018 4:21

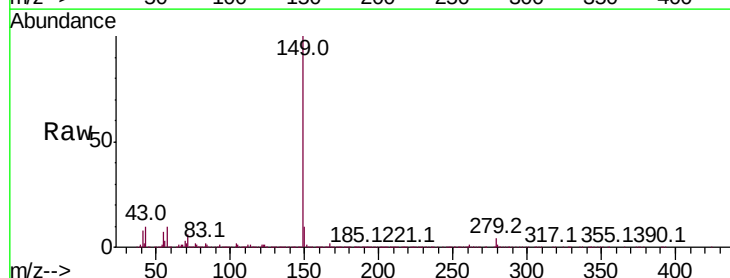
Tgt Ion:149 Resp: 1116912

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

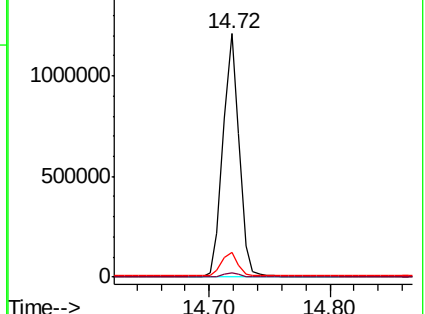
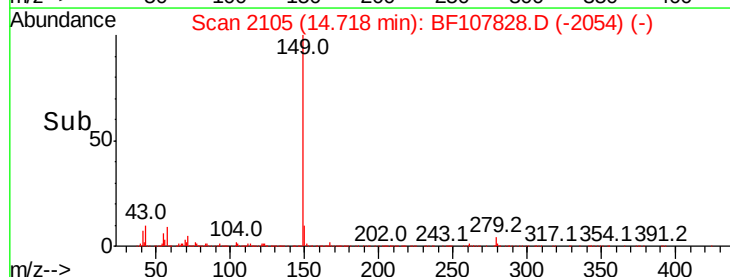
43 9.9 8.4 12.6

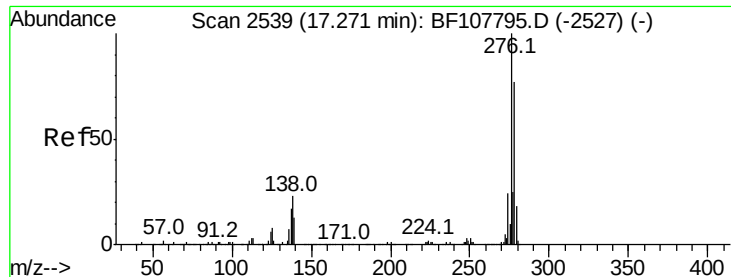


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1





#85

Indeno(1,2,3-cd)pyrene

Concen: 39.840 ng

RT: 17.28 min Scan# 2540

Delta R.T. 0.01 min

Lab File: BF107828.D

Acq: 31 Jul 2018 4:21

Instrument :

BNA_F

ClientSampleId :

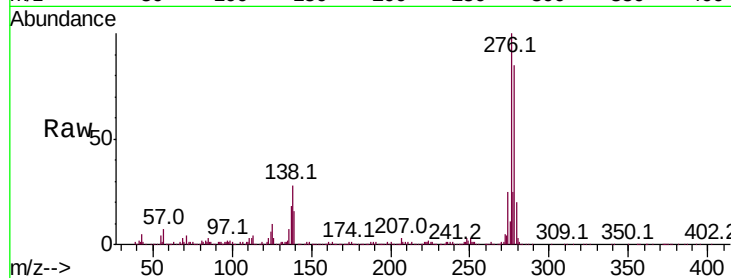
Tot Ion:276 Resp: 784281

Ion Ratio Lower Upper

276 100

138 26.5 25.0 37.6

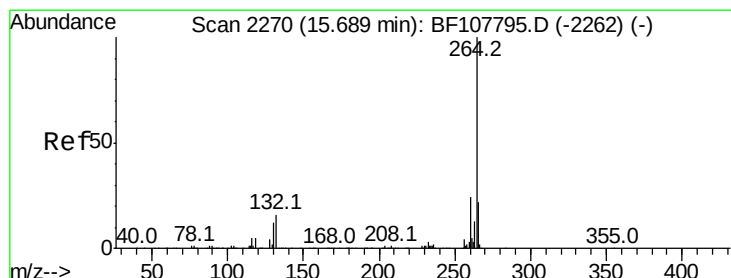
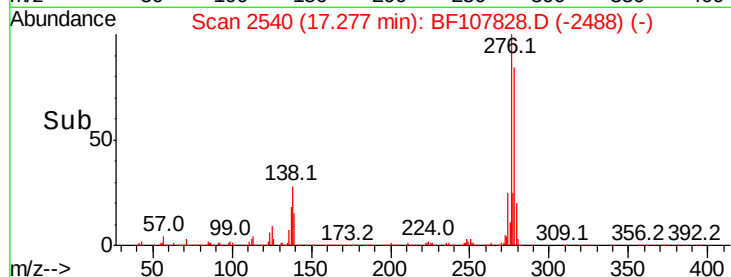
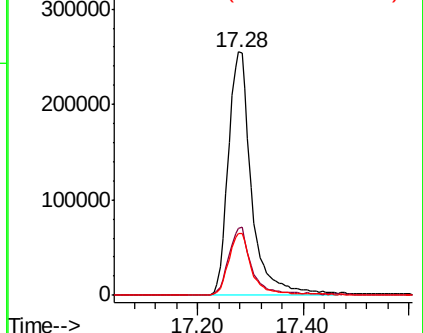
277 24.7 20.1 30.1



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.69 min Scan# 2270

Delta R.T. 0.00 min

Lab File: BF107828.D

Acq: 31 Jul 2018 4:21

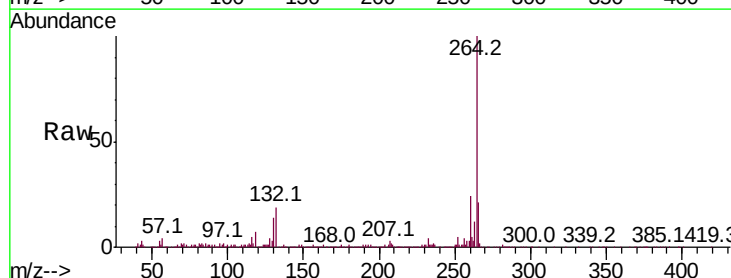
Tgt Ion:264 Resp: 400771

Ion Ratio Lower Upper

264 100

260 24.2 19.2 28.8

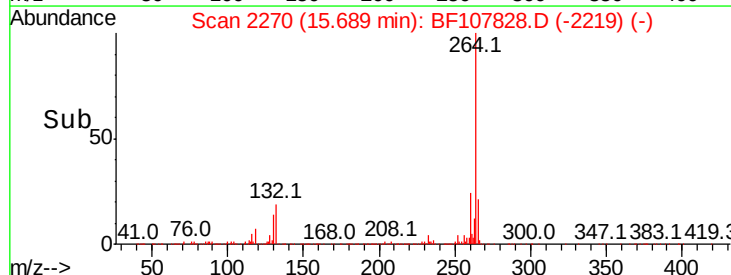
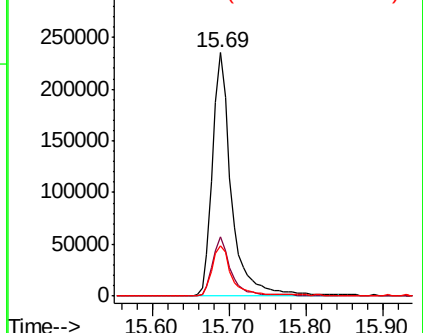
265 20.9 17.5 26.3

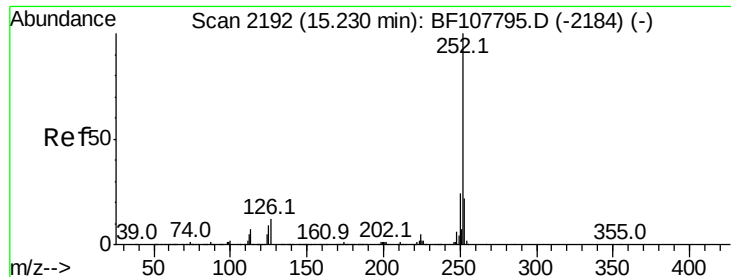


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 39.897 ng

RT: 15.23 min Scan# 2192

Delta R.T. 0.00 min

Lab File: BF107828.D

Acq: 31 Jul 2018 4:21

Instrument :

BNA_F

ClientSampleId :

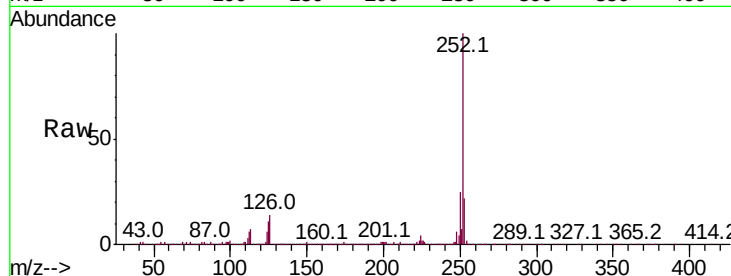
Tot Ion:252 Resp: 788613

Ion Ratio Lower Upper

252 100

253 22.4 17.0 25.6

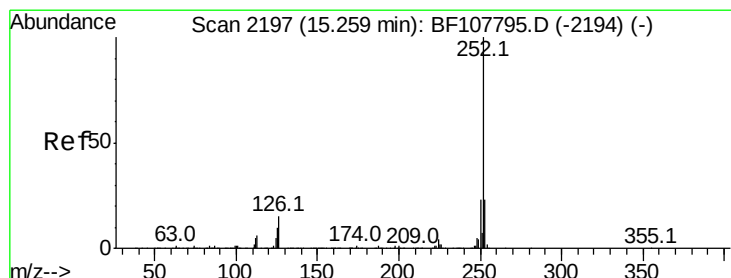
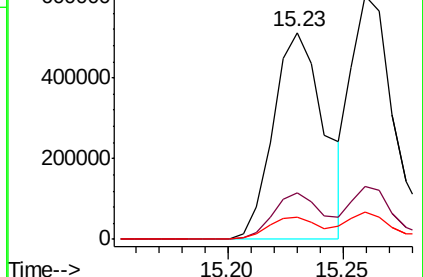
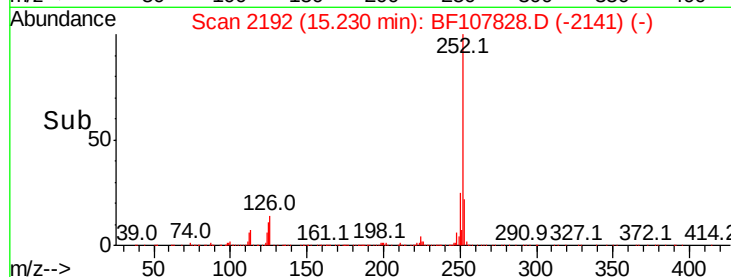
125 10.9 9.0 13.6



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: 34.970 ng

RT: 15.26 min Scan# 2197

Delta R.T. 0.00 min

Lab File: BF107828.D

Acq: 31 Jul 2018 4:21

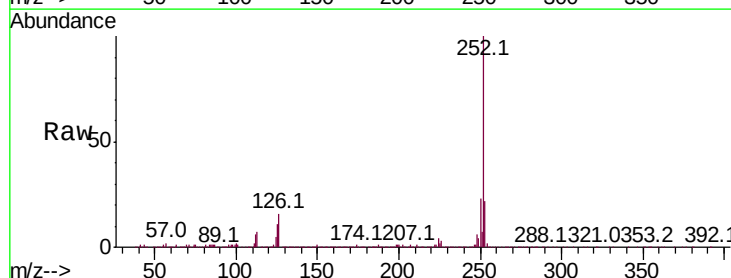
Tgt Ion:252 Resp: 848645

Ion Ratio Lower Upper

252 100

253 21.7 17.9 26.9

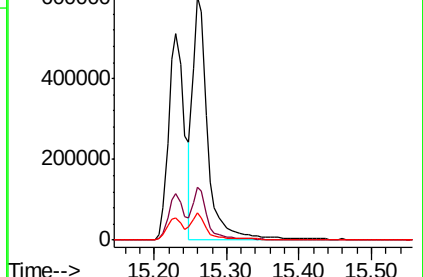
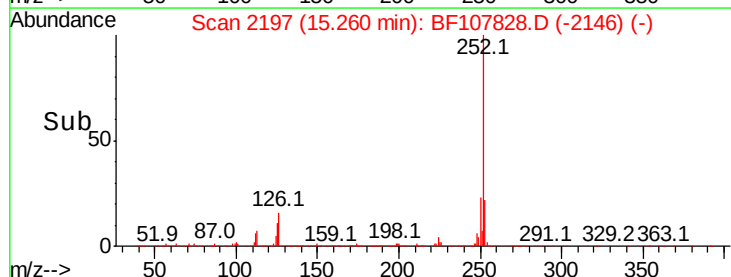
125 11.2 10.2 15.2

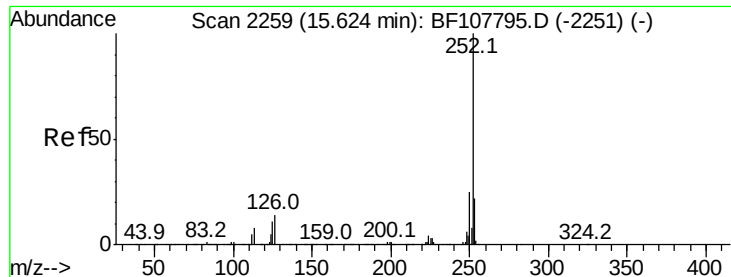


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 36.445 ng

RT: 15.62 min Scan# 2259

Delta R.T. 0.00 min

Lab File: BF107828.D

Acq: 31 Jul 2018 4:21

Instrument :

BNA_F

ClientSampleId :

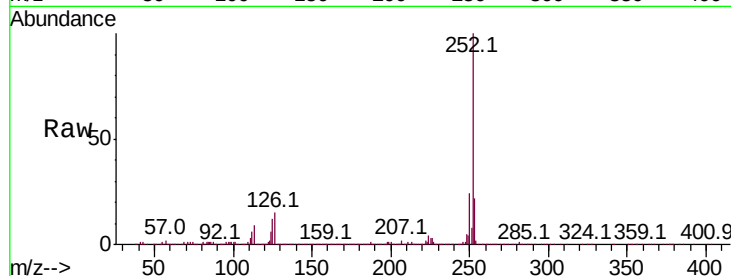
Tot Ion:252 Resp: 743677

Ion Ratio Lower Upper

252 100

253 22.3 17.1 25.7

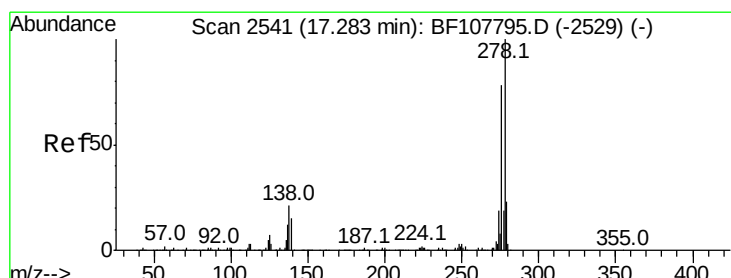
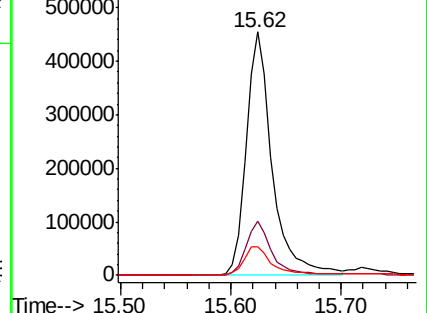
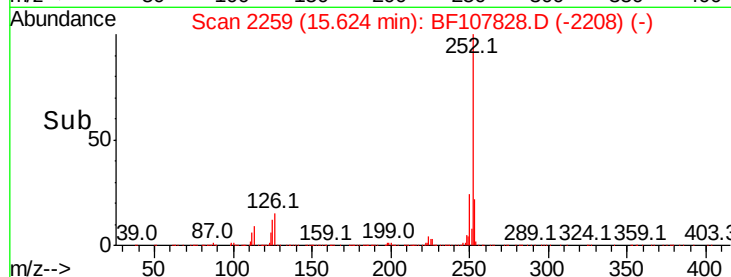
125 11.9 9.8 14.6



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: 37.706 ng

RT: 17.28 min Scan# 2541

Delta R.T. 0.00 min

Lab File: BF107828.D

Acq: 31 Jul 2018 4:21

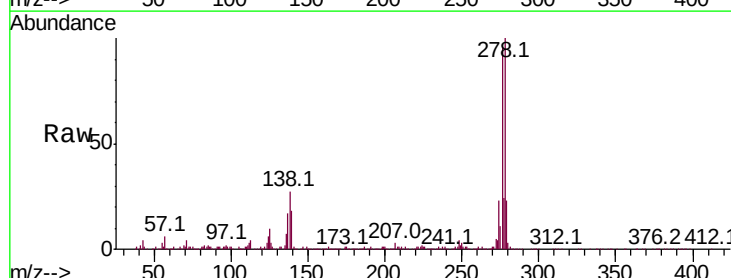
Tgt Ion:278 Resp: 671140

Ion Ratio Lower Upper

278 100

139 18.2 15.9 23.9

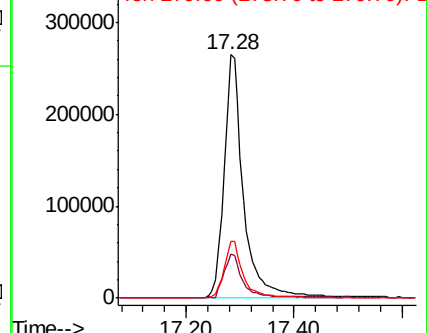
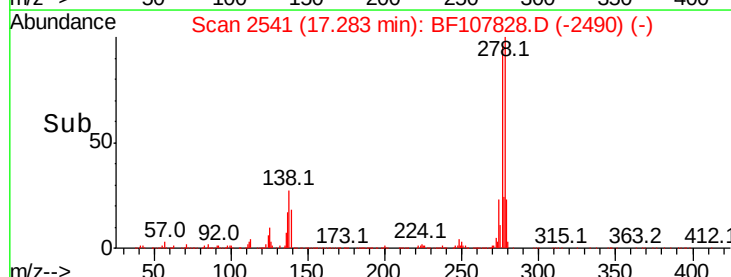
279 23.3 19.0 28.4

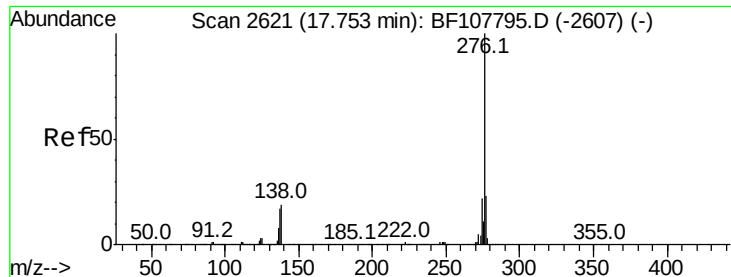


Abundance Ion 278.00 (277.70 to 278.70): E

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: 36.610 ng
 RT: 17.75 min Scan# 2621
 Delta R.T. 0.00 min
 Lab File: BF107828.D
 Acq: 31 Jul 2018 4:21

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
277	24.1	17.9	26.9
138	22.4	21.8	32.8

