

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF080218\
 Data File : BF107932.D
 Acq On : 3 Aug 2018 3:31
 Operator : JU/SJ
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 03 05:22:57 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	6.96	152	119722	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	475471	20.00	ng	-0.01
38) Acenaphthene-d10	10.00	164	171837	20.00	ng	-0.01
63) Phenanthrene-d10	11.49	188	300519	20.00	ng	-0.01
75) Chrysene-d12	14.14	240	327052	20.00	ng	-0.01
86) Perylene-d12	15.67	264	253155	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.60	112	486313	69.04	ng	0.00
7) Phenol-d6	6.61	99	650929	70.11	ng	0.00
23) Nitrobenzene-d5	7.52	82	660142	79.99	ng	-0.01
41) 2,4,6-Tribromophenol	10.80	330	135187	57.90	ng	0.00
44) 2-Fluorobiphenyl	9.31	172	1158214	93.92	ng	-0.01
78) Terphenyl-d14	13.07	244	1055008	69.95	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.77	88	118824	37.407	ng	# 83
3) Pyridine	3.60	79	204335	27.745	ng	90
4) n-Nitrosodimethylamine	3.58	42	9772	2.726	ng	# 93
6) Aniline	6.64	93	321230	33.265	ng	# 63
8) 2-Chlorophenol	6.75	128	315889	35.699	ng	93
9) Benzaldehyde	6.52	77	104552	18.665	ng	95
10) Phenol	6.62	94	413712	37.367	ng	86
11) bis(2-Chloroethyl)ether	6.69	93	422824	42.949	ng	98
12) 1,3-Dichlorobenzene	6.90	146	346880	37.377	ng	97
13) 1,4-Dichlorobenzene	6.97	146	416821	40.347	ng	98
14) 1,2-Dichlorobenzene	7.12	146	384147	40.057	ng	99
15) Benzyl Alcohol	7.11	79	187957	32.572	ng	91
16) 2,2'-oxybis(1-Chloropropan	7.22	45	530896	37.507	ng	69
17) 2-Methylphenol	7.22	107	219768	33.644	ng	# 70
18) Hexachloroethane	7.45	117	117856	31.738	ng	97
19) n-Nitroso-di-n-propylamine	7.36	70	224506	38.120	ng	98
20) 3+4-Methylphenols	7.38	107	249341	31.091	ng	# 55
22) Acetophenone	7.37	105	448085	39.171	ng	# 94
24) Nitrobenzene	7.55	77	328066	37.909	ng	100
25) Isophorone	7.77	82	506327	37.374	ng	98
26) 2-Nitrophenol	7.87	139	68468	15.764	ng	99
27) 2,4-Dimethylphenol	7.90	122	232159	39.925	ng	97
28) bis(2-Chloroethoxy)methane	7.98	93	352705	39.505	ng	100
29) 2,4-Dichlorophenol	8.11	162	219649	33.395	ng	98
30) 1,2,4-Trichlorobenzene	8.18	180	291164	38.804	ng	98
31) Naphthalene	8.26	128	872918	39.495	ng	99
32) Benzoic acid	7.90	122	232159	58.647	ng	# 15
33) 4-Chloroaniline	8.33	127	328378	34.784	ng	99
34) Hexachlorobutadiene	8.36	225	175519	37.853	ng	98
35) Caprolactam	8.68	113	51445	25.982	ng	# 76
36) 4-Chloro-3-methylphenol	8.81	107	216858	30.358	ng	99
37) 2-Methylnaphthalene	8.95	142	499931	36.010	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.11	216	259884	44.358	ng	# 96
40) Hexachlorocyclopentadiene	9.09	237	5266	9.309	ng	96

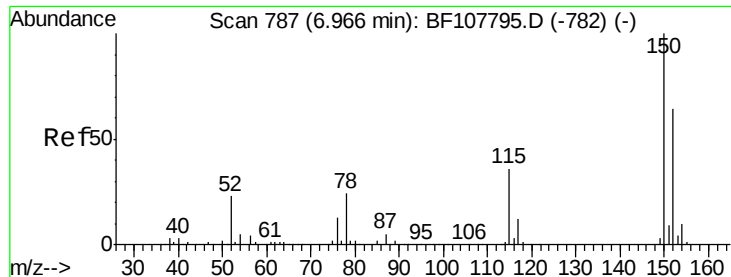
Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF080218\
 Data File : BF107932.D
 Acq On : 3 Aug 2018 3:31
 Operator : JU/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 03 05:22:57 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	120385	37.168	ng	98
43) 2,4,5-Trichlorophenol	9.29	196	134153	34.405	ng	97
45) 1,1'-Biphenyl	9.41	154	700271	44.780	ng	97
46) 2-Chloronaphthalene	9.44	162	496886	42.135	ng	98
47) 2-Nitroaniline	9.56	65	142497	37.149	ng	89
48) Acenaphthylene	9.85	152	695166	38.024	ng	99
49) Dimethylphthalate	9.71	163	532538	41.266	ng	99
50) 2,6-Dinitrotoluene	9.78	165	99823	35.594	ng	90
51) Acenaphthene	10.02	154	417570	39.319	ng	100
52) 3-Nitroaniline	9.98	138	118176	33.440	ng	93
54) Dibenzofuran	10.20	168	593509	36.157	ng	100
55) 4-Nitrophenol	10.20	139	268652	152.033	ng #	14
56) 2,4-Dinitrotoluene	10.20	165	110056	29.857	ng #	83
57) Fluorene	10.55	166	437196	34.271	ng	95
58) 2,3,4,6-Tetrachlorophenol	10.32	232	110975	30.986	ng #	81
59) Diethylphthalate	10.40	149	521240	37.566	ng	99
60) 4-Chlorophenyl-phenylether	10.53	204	250659	36.069	ng	92
61) 4-Nitroaniline	10.61	138	94912	30.263	ng	93
62) Azobenzene	10.70	77	441553	34.169	ng	94
64) 4,6-Dinitro-2-methylphenol	10.61	198	3611	2.209	ng #	1
65) n-Nitrosodiphenylamine	10.65	169	403836	40.811	ng	99
66) 4-Bromophenyl-phenylether	11.02	248	141171	40.303	ng	89
67) Hexachlorobenzene	11.09	284	148335	38.190	ng #	89
68) Atrazine	11.18	200	103667	35.397	ng	94
69) Pentachlorophenol	11.30	266	40512	21.187	ng	97
70) Phenanthrene	11.51	178	542898	38.046	ng	97
71) Anthracene	11.57	178	681093	41.381	ng	98
72) Carbazole	11.74	167	673872	41.430	ng	98
73) Di-n-butylphthalate	12.03	149	735889	41.471	ng	99
74) Fluoranthene	12.71	202	755039	45.040	ng	98
76) Benzidine	12.85	184	278433	26.331	ng	98
77) Pyrene	12.94	202	773923	32.862	ng	97
79) Butylbenzylphthalate	13.54	149	352711	34.200	ng	93
80) Benzo(a)anthracene	14.13	228	676252	36.502	ng	98
81) 3,3'-Dichlorobenzidine	14.09	252	264555	36.838	ng	96
82) Chrysene	14.17	228	772161	38.642	ng	99
83) Bis(2-ethylhexyl)phthalate	14.08	149	490561	37.838	ng	100
84) Di-n-octyl phthalate	14.71	149	886226	42.586	ng	98
85) Indeno(1,2,3-cd)pyrene	17.25	276	473293	31.139	ng #	93
87) Benzo(b)fluoranthene	15.21	252	482830	38.671	ng	99
88) Benzo(k)fluoranthene	15.21	252	482830	31.498	ng	98
89) Benzo(a)pyrene	15.61	252	477649	37.057	ng	99
90) Dibenzo(a,h)anthracene	17.26	278	402499	35.799	ng	96
91) Benzo(g,h,i)perylene	17.73	276	374610	34.434	ng	96

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

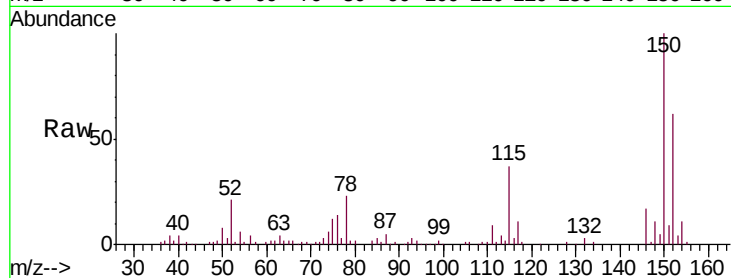


#1

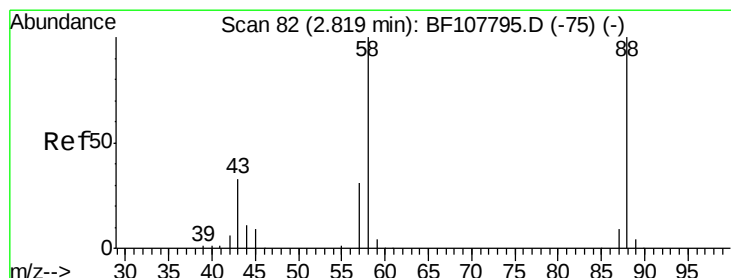
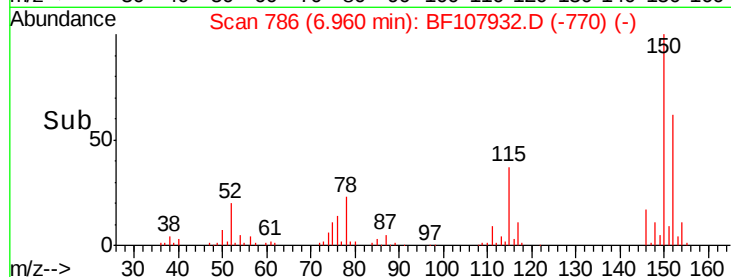
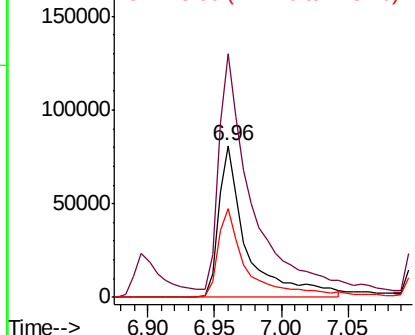
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.96 min Scan# 786
Delta R.T. -0.01 min
Lab File: BF107932.D
Acq: 3 Aug 2018 3:31

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 119722
Ion Ratio Lower Upper
152 100
150 160.6 124.6 186.8
115 58.6 50.1 75.1



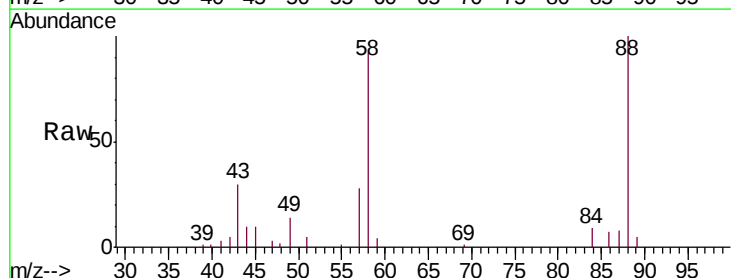
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



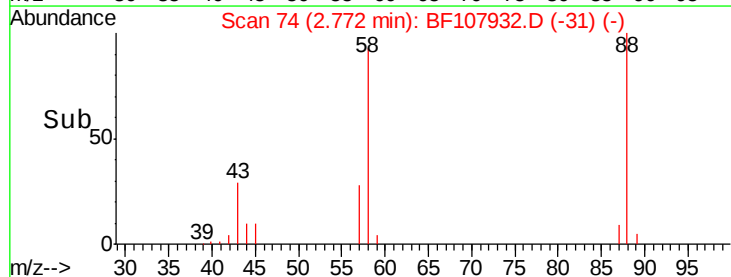
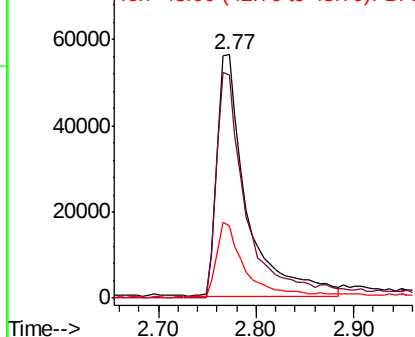
#2

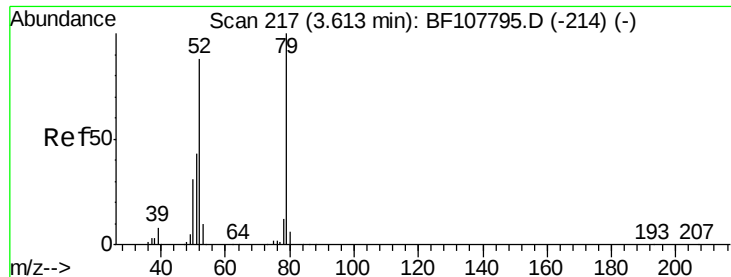
1,4-Dioxane
Concen: 37.407 ng
RT: 2.77 min Scan# 74
Delta R.T. -0.05 min
Lab File: BF107932.D
Acq: 3 Aug 2018 3:31

Tgt Ion: 88 Resp: 118824
Ion Ratio Lower Upper
88 100
58 97.8 62.6 93.8#
43 29.9 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

Pyridine

Concen: 27.745 ng

RT: 3.60 min Scan# 215

Delta R.T. -0.01 min

Lab File: BF107932.D

Acq: 3 Aug 2018 3:31

Instrument :

BNA_F

ClientSampleId :

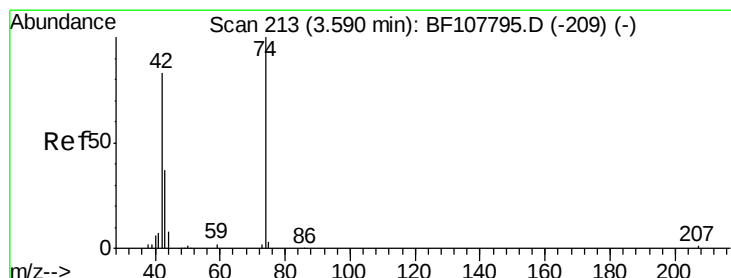
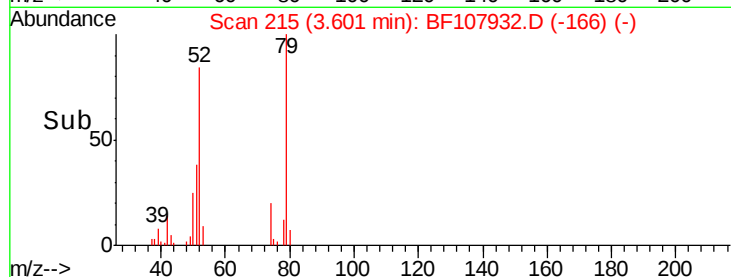
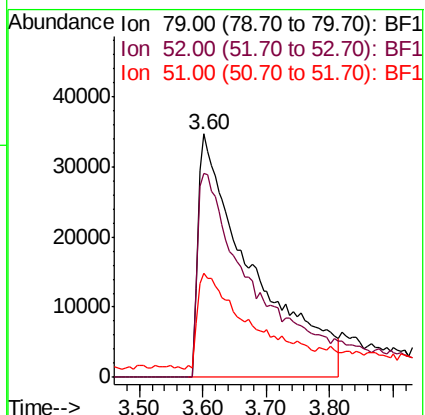
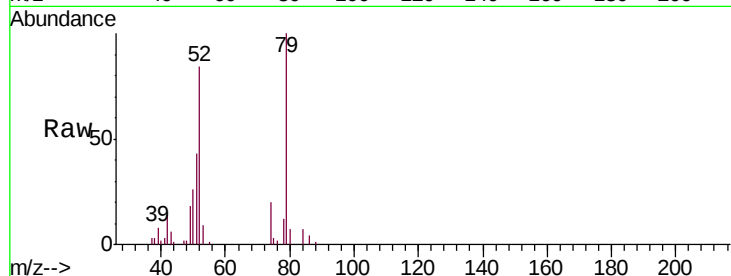
Tgt Ion: 79 Resp: 204335

Ion Ratio Lower Upper

79 100

52 83.6 59.8 89.6

51 42.7 29.8 44.8



#4

n-Nitrosodimethylamine

Concen: 2.726 ng

RT: 3.58 min Scan# 212

Delta R.T. -0.01 min

Lab File: BF107932.D

Acq: 3 Aug 2018 3:31

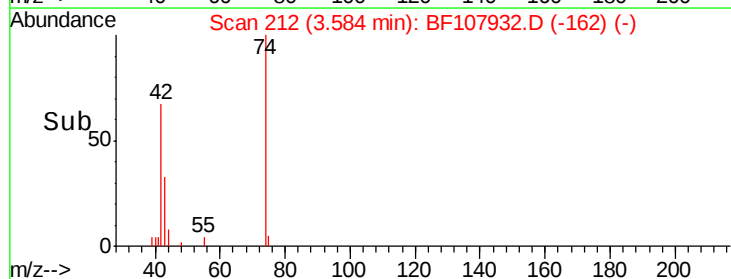
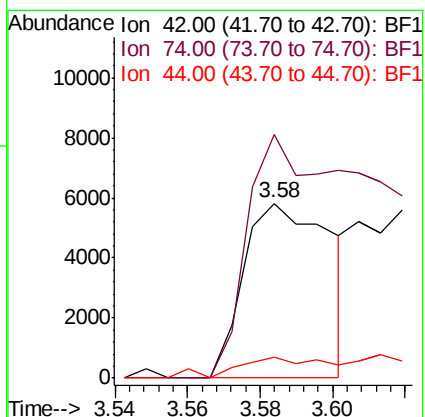
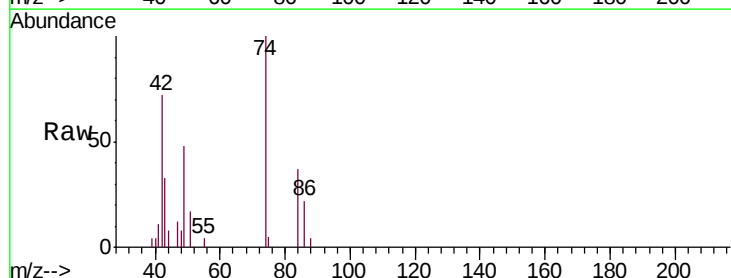
Tgt Ion: 42 Resp: 9772

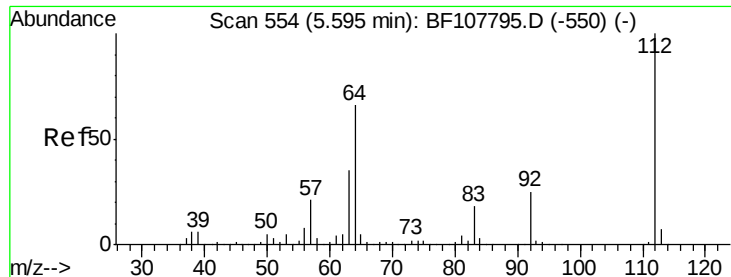
Ion Ratio Lower Upper

42 100

74 139.1 104.9 157.3

44 11.7 6.9 10.3#





#5

2-Fluorophenol

Concen: 69.036 ng

RT: 5.60 min Scan# 554

Delta R.T. 0.00 min

Lab File: BF107932.D

Acq: 3 Aug 2018 3:31

Instrument :

BNA_F

ClientSampleId :

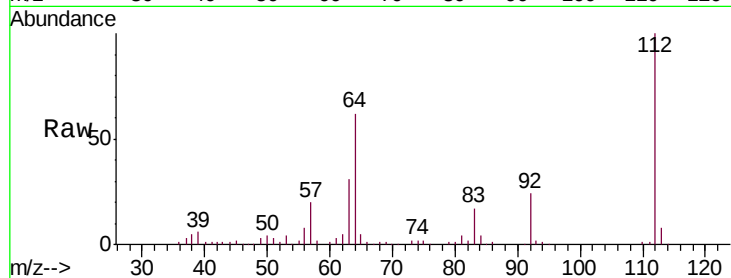
Tgt Ion: 112 Resp: 486313

Ion Ratio Lower Upper

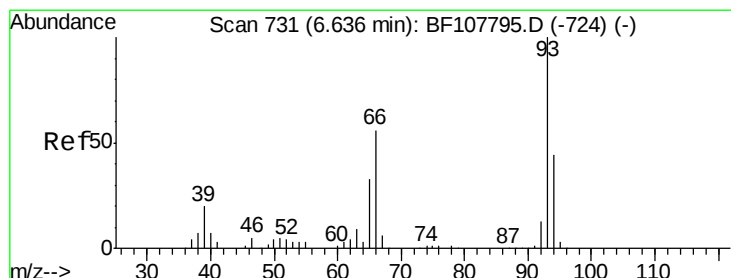
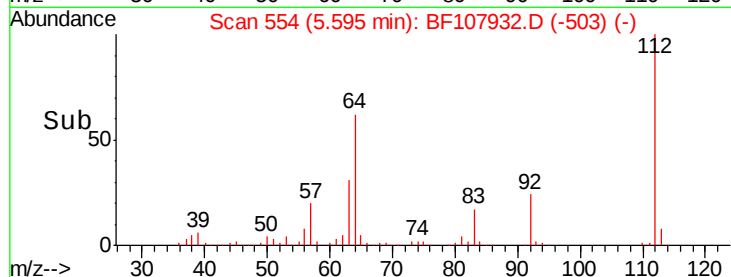
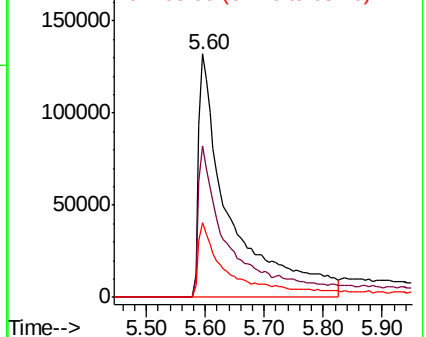
112 100

64 62.0 47.9 71.9

63 30.6 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: 33.265 ng

RT: 6.64 min Scan# 731

Delta R.T. 0.00 min

Lab File: BF107932.D

Acq: 3 Aug 2018 3:31

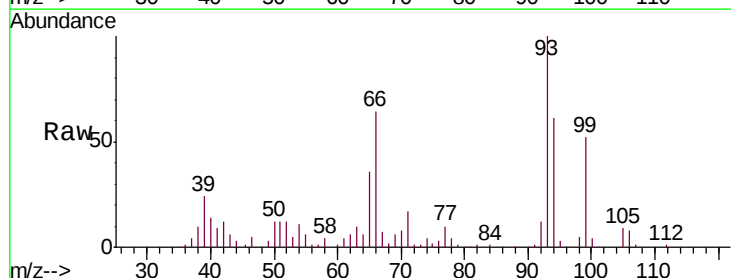
Tgt Ion: 93 Resp: 321230

Ion Ratio Lower Upper

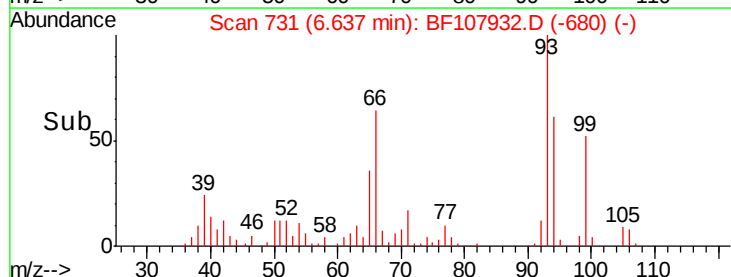
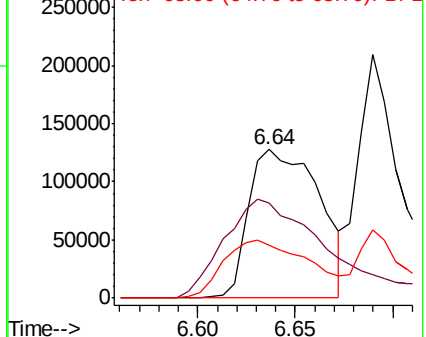
93 100

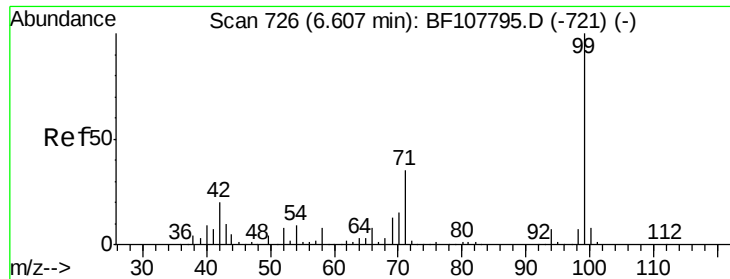
66 64.4 32.2 48.2#

65 35.5 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: 70.113 ng

RT: 6.61 min Scan# 726

Delta R.T. 0.00 min

Lab File: BF107932.D

Acq: 3 Aug 2018 3:31

Instrument :

BNA_F

ClientSampleId :

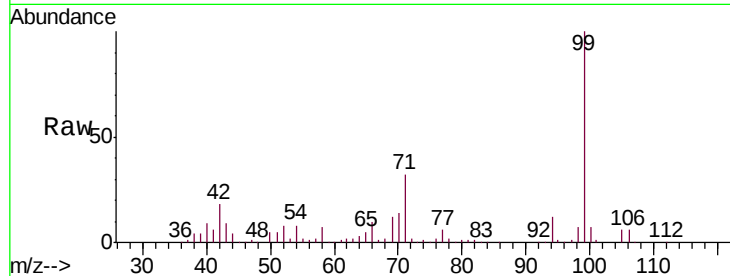
Tgt Ion: 99 Resp: 650929

Ion Ratio Lower Upper

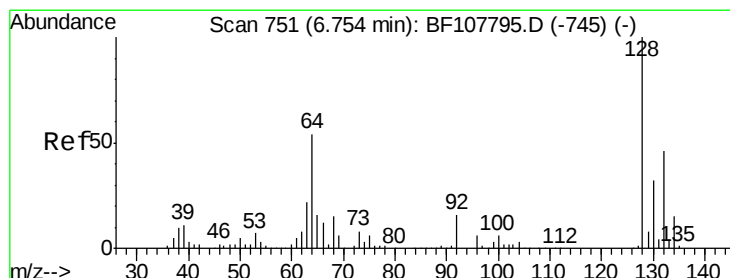
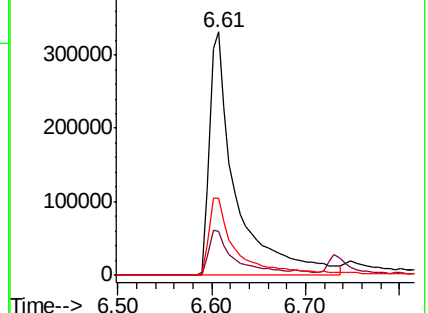
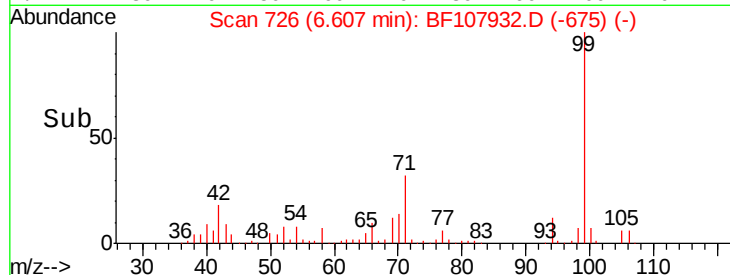
99 100

42 17.8 14.5 21.7

71 31.6 25.4 38.0



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



#8

2-Chlorophenol

Concen: 35.699 ng

RT: 6.75 min Scan# 750

Delta R.T. -0.01 min

Lab File: BF107932.D

Acq: 3 Aug 2018 3:31

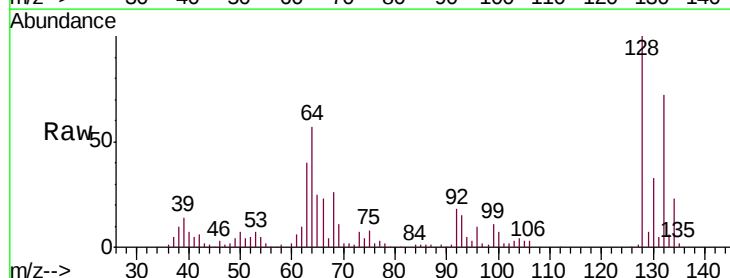
Tgt Ion: 128 Resp: 315889

Ion Ratio Lower Upper

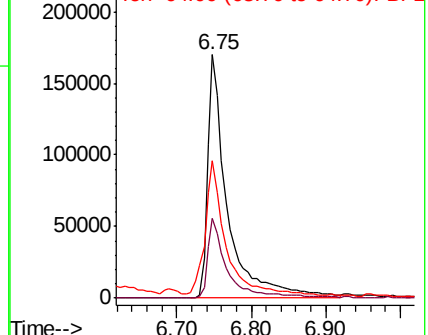
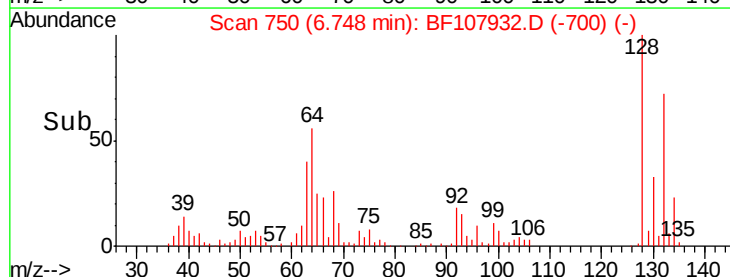
128 100

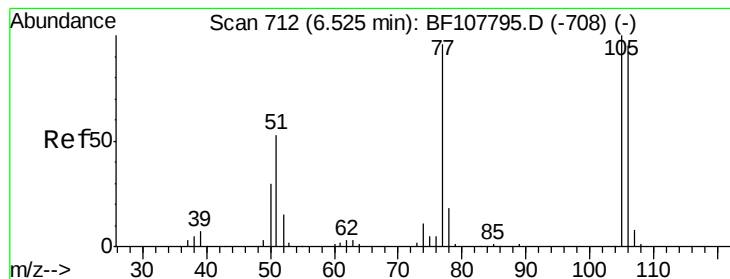
130 32.7 13.0 53.0

64 56.7 29.4 69.4



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 18.665 ng

RT: 6.52 min Scan# 712

Delta R.T. 0.00 min

Lab File: BF107932.D

Acq: 3 Aug 2018 3:31

Instrument :

BNA_F

ClientSampleId :

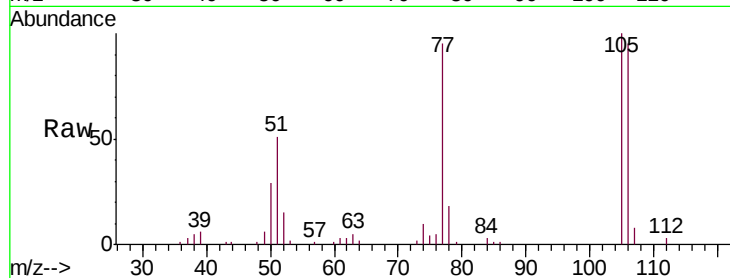
Tgt Ion: 77 Resp: 104552

Ion Ratio Lower Upper

77 100

105 104.7 81.1 121.1

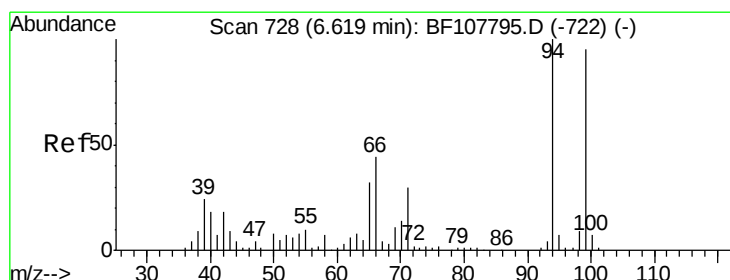
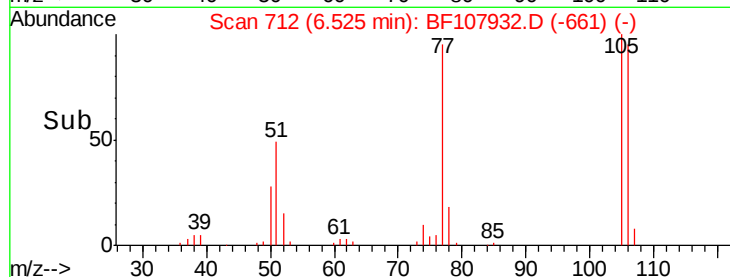
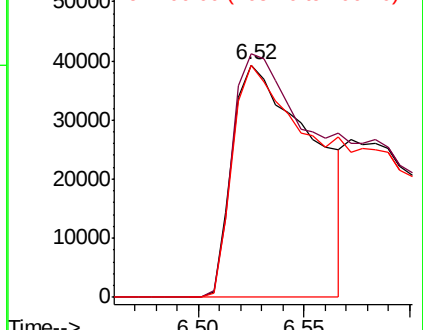
106 99.8 74.5 114.5



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 37.367 ng

RT: 6.62 min Scan# 728

Delta R.T. 0.00 min

Lab File: BF107932.D

Acq: 3 Aug 2018 3:31

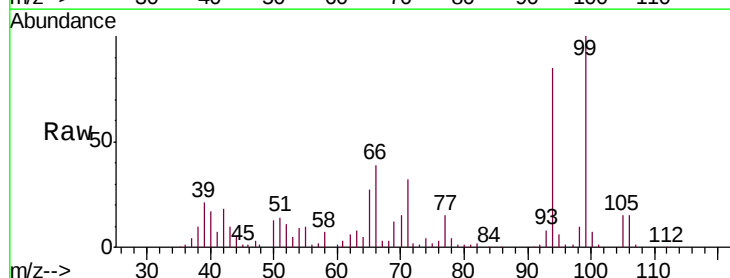
Tgt Ion: 94 Resp: 413712

Ion Ratio Lower Upper

94 100

65 32.4 7.9 47.9

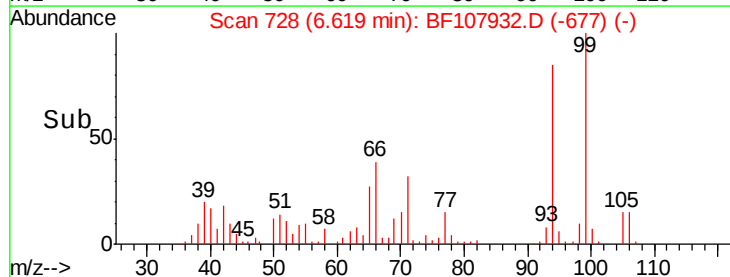
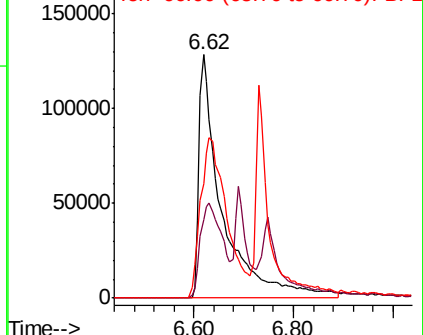
66 46.7 16.2 56.2

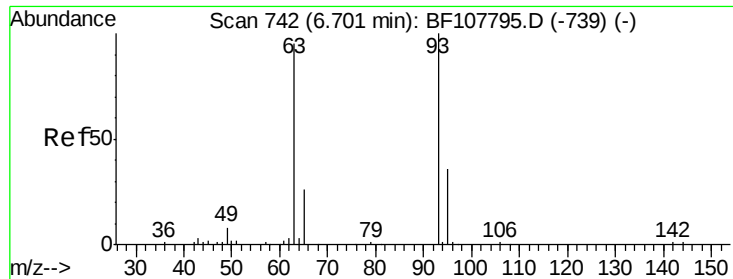


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

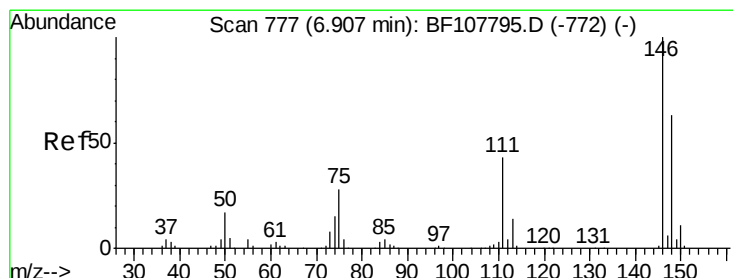
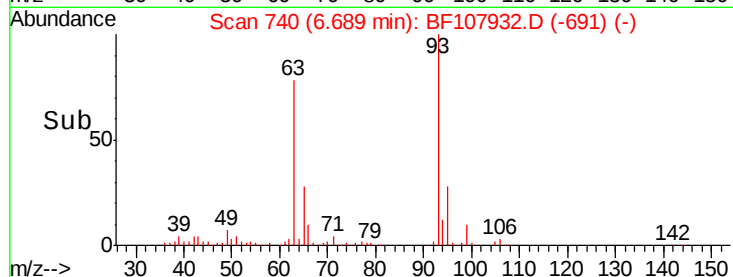
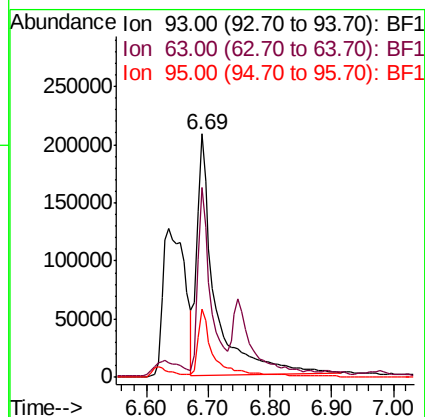
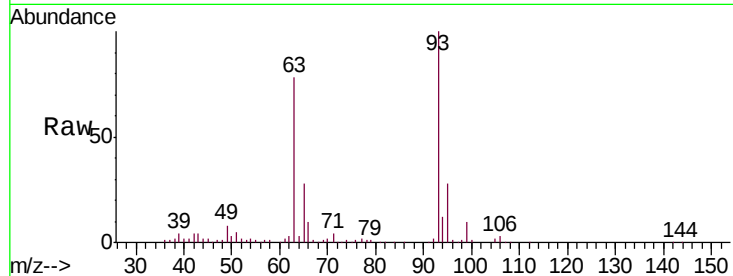




#11
 bis(2-Chloroethyl)ether
 Concen: 42.949 ng
 RT: 6.69 min Scan# 740
 Delta R.T. -0.01 min
 Lab File: BF107932.D
 Acq: 3 Aug 2018 3:31

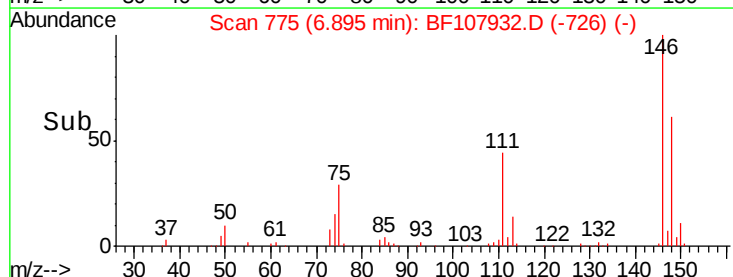
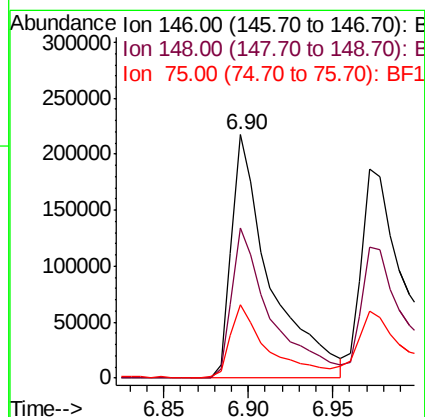
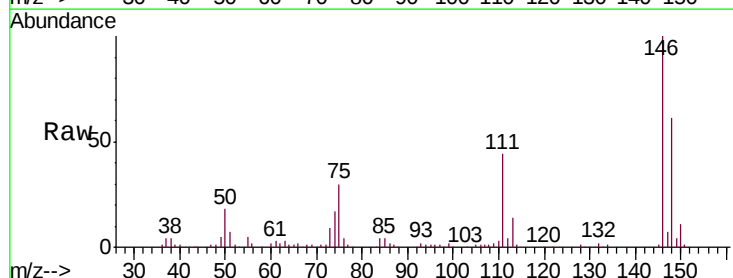
Instrument :
 BNA_F
 ClientSampleId :

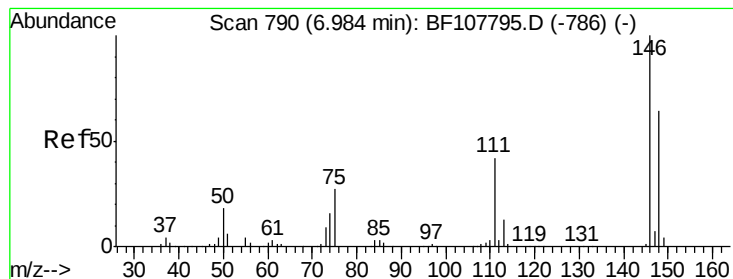
Tgt Ion: 93 Resp: 422824
 Ion Ratio Lower Upper
 93 100
 63 78.0 58.6 98.6
 95 28.2 11.8 51.8



#12
 1,3-Dichlorobenzene
 Concen: 37.377 ng
 RT: 6.90 min Scan# 775
 Delta R.T. -0.01 min
 Lab File: BF107932.D
 Acq: 3 Aug 2018 3:31

Tgt Ion: 146 Resp: 346880
 Ion Ratio Lower Upper
 146 100
 148 61.4 51.8 77.8
 75 29.9 24.2 36.4





#13

1,4-Dichlorobenzene

Concen: 40.347 ng

RT: 6.97 min Scan# 788

Delta R.T. -0.01 min

Lab File: BF107932.D

Acq: 3 Aug 2018 3:31

Instrument :

BNA_F

ClientSampled :

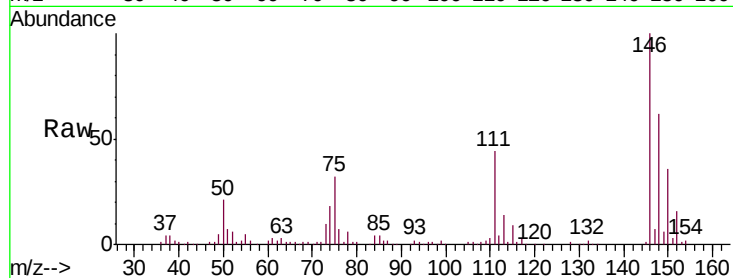
Tgt Ion:146 Resp: 416821

Ion Ratio Lower Upper

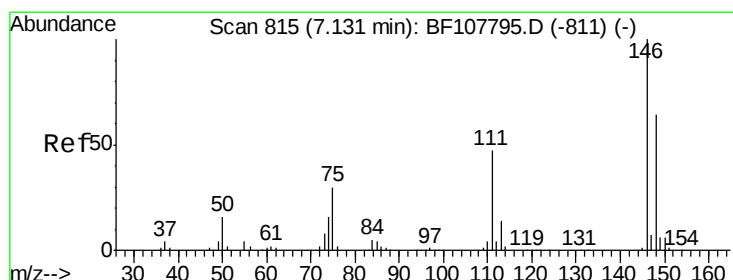
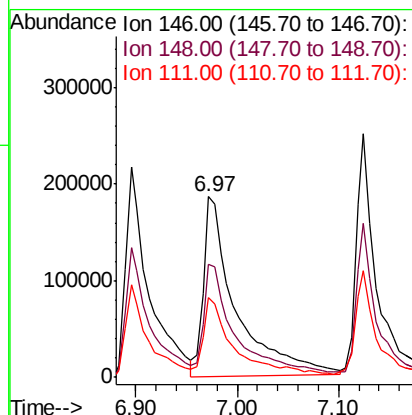
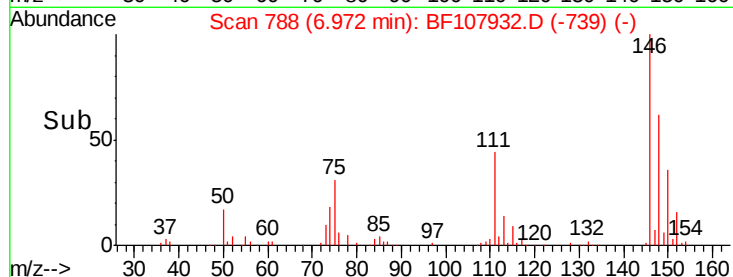
146 100

148 62.3 50.8 76.2

111 44.3 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: 40.057 ng

RT: 7.12 min Scan# 814

Delta R.T. -0.01 min

Lab File: BF107932.D

Acq: 3 Aug 2018 3:31

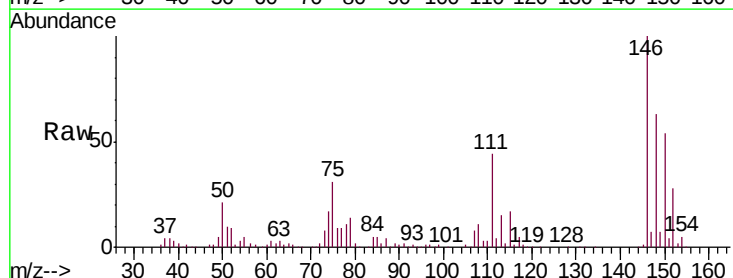
Tgt Ion:146 Resp: 384147

Ion Ratio Lower Upper

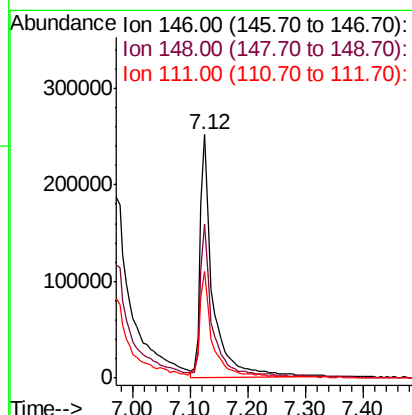
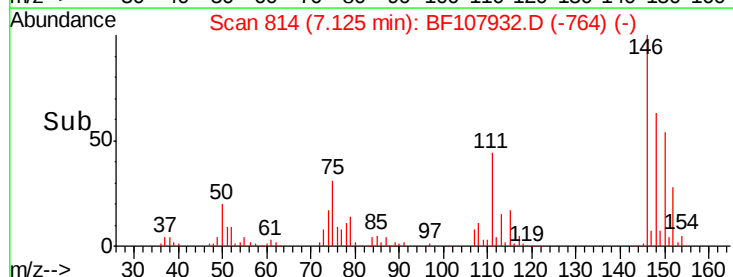
146 100

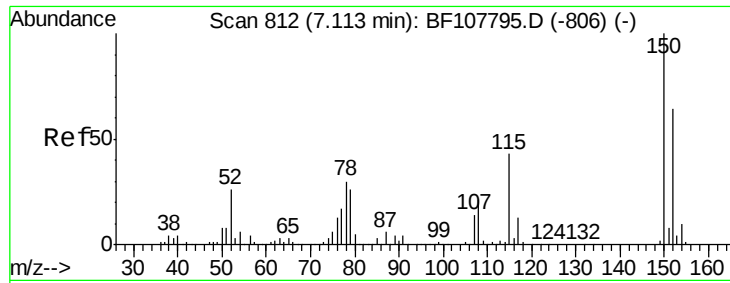
148 63.4 50.6 75.8

111 43.8 36.0 54.0



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





#15

Benzyl Alcohol

Concen: 32.572 ng

RT: 7.11 min Scan# 812

Delta R.T. 0.00 min

Lab File: BF107932.D

Acq: 3 Aug 2018 3:31

Instrument :

BNA_F

ClientSampleId :

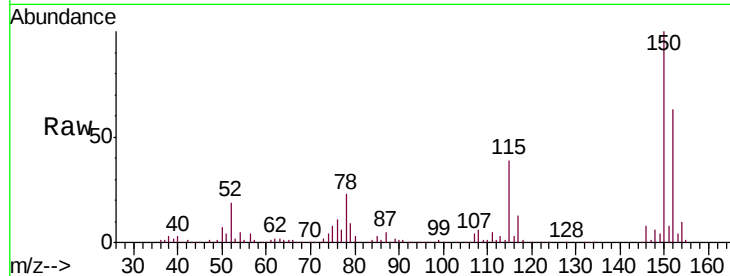
Tgt Ion: 79 Resp: 187957

Ion Ratio Lower Upper

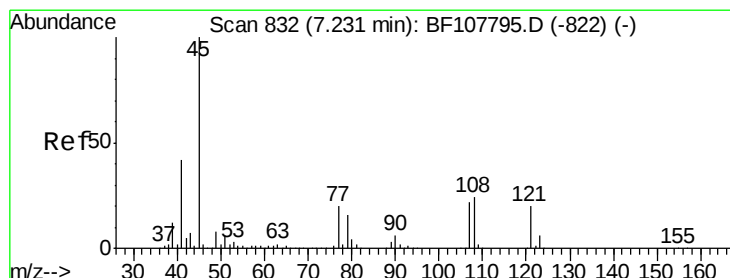
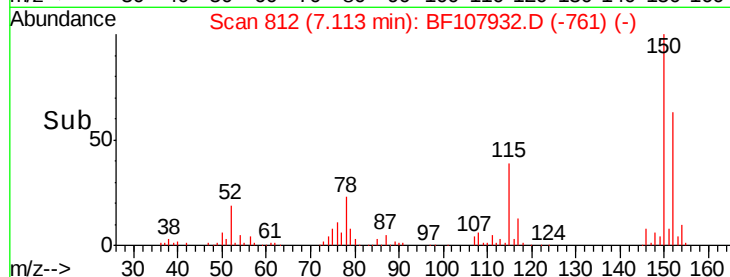
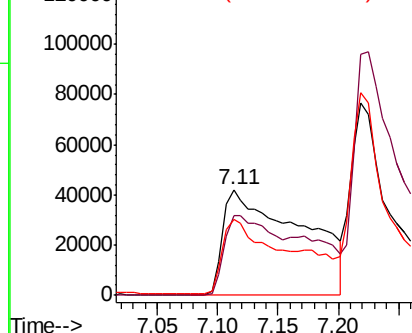
79 100

108 75.8 65.1 97.7

77 72.1 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: 37.507 ng

RT: 7.22 min Scan# 830

Delta R.T. -0.01 min

Lab File: BF107932.D

Acq: 3 Aug 2018 3:31

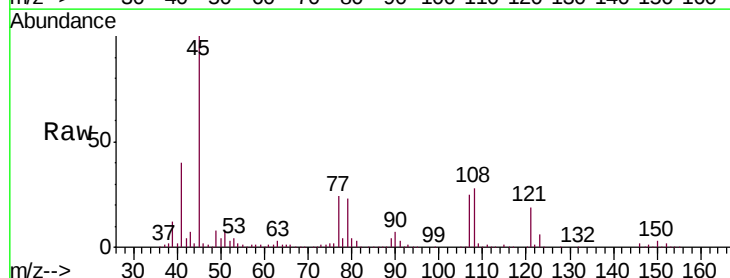
Tgt Ion: 45 Resp: 530896

Ion Ratio Lower Upper

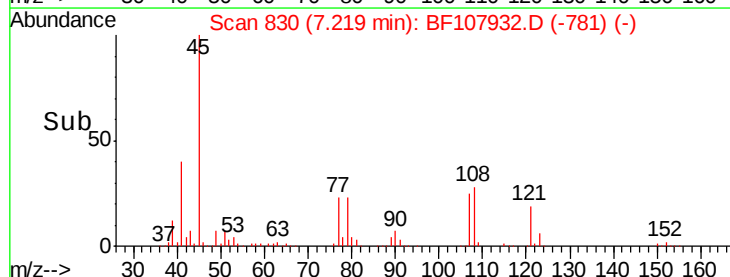
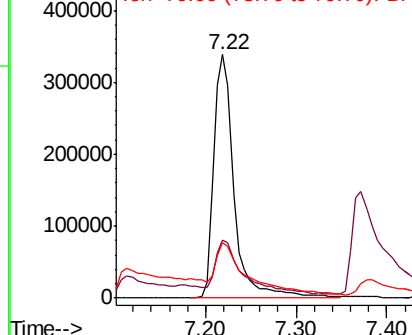
45 100

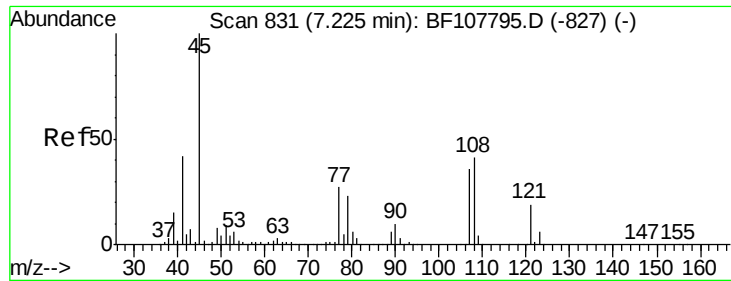
77 23.9 0.0 32.9

79 22.7 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

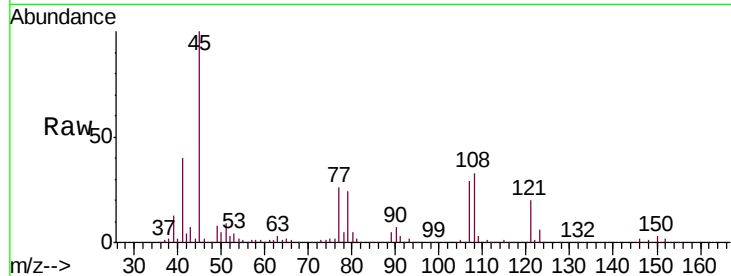




#17
2-Methylphenol
Concen: 33.644 ng
RT: 7.22 min Scan# 831
Delta R.T. 0.00 min
Lab File: BF107932.D
Acq: 3 Aug 2018 3:31

Instrument :
BNA_F
ClientSampleId :

Tgt Ion	Ratio	Lower	Upper
107	100		
108	114.1	91.7	137.5
77	89.9	33.8	50.8#
79	84.8	33.8	50.8#



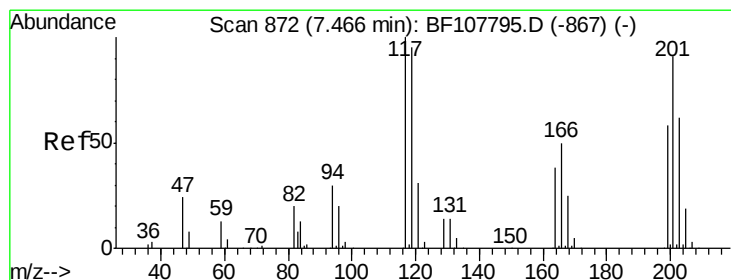
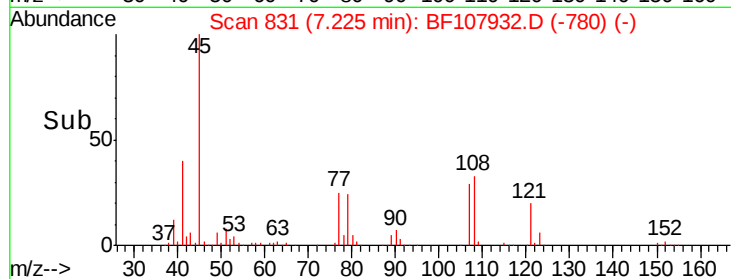
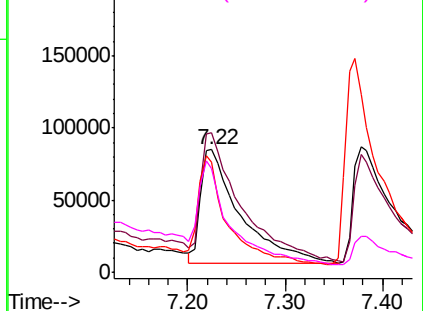
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

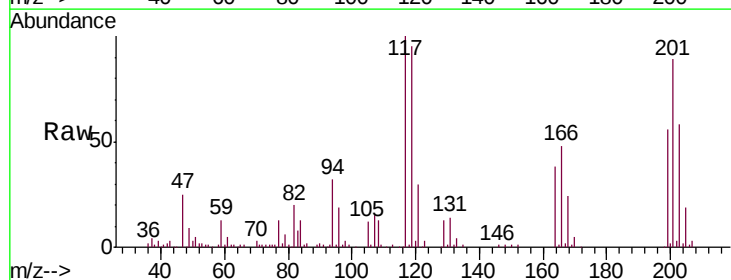
Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18
Hexachloroethane
Concen: 31.738 ng
RT: 7.45 min Scan# 870
Delta R.T. -0.01 min
Lab File: BF107932.D
Acq: 3 Aug 2018 3:31

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.7	75.8	113.8
201	88.5	75.7	113.5

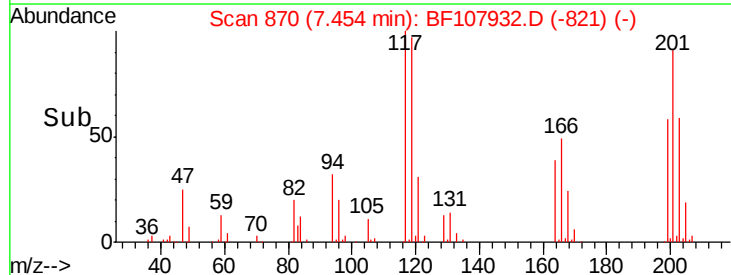
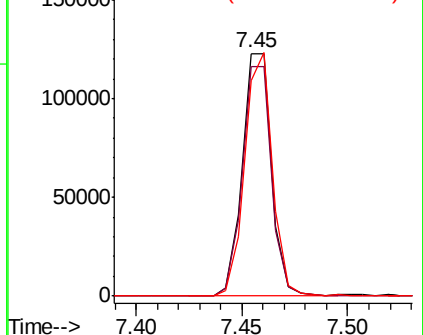


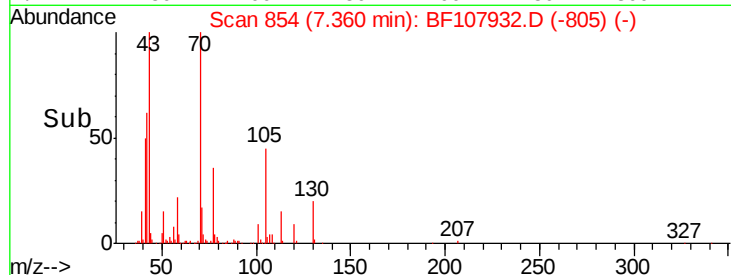
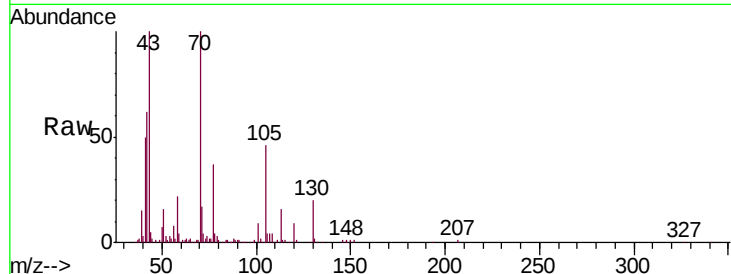
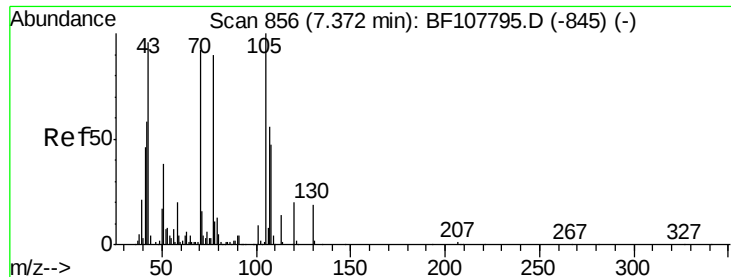
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

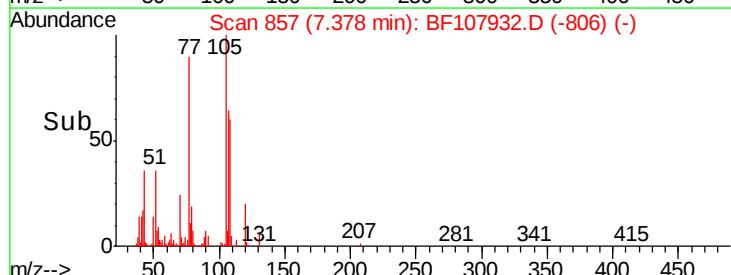
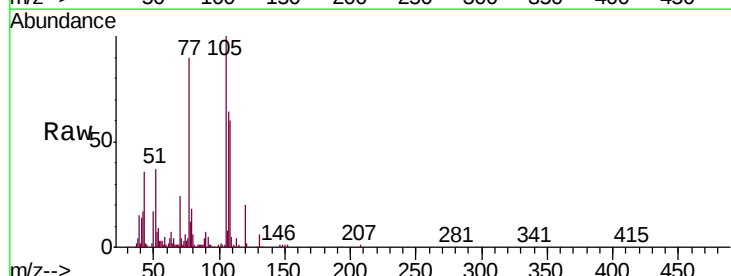
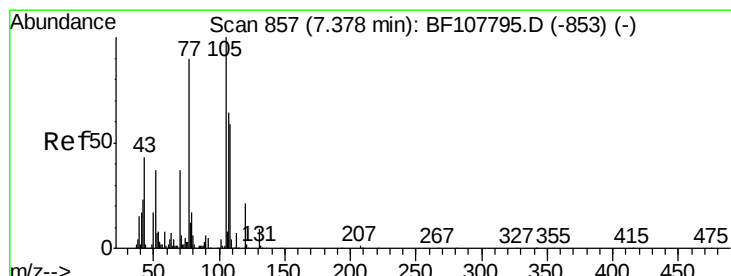
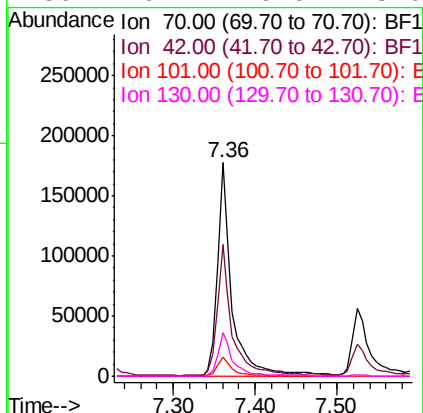




#19
n-Nitroso-di-n-propylamine
Concen: 38.120 ng
RT: 7.36 min Scan# 854
Delta R.T. -0.01 min
Lab File: BF107932.D
Acq: 3 Aug 2018 3:31

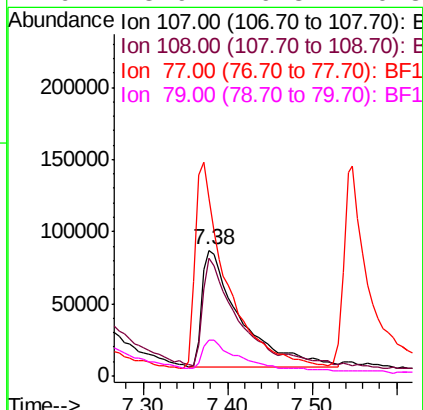
Instrument :
BNA_F
ClientSampleId :

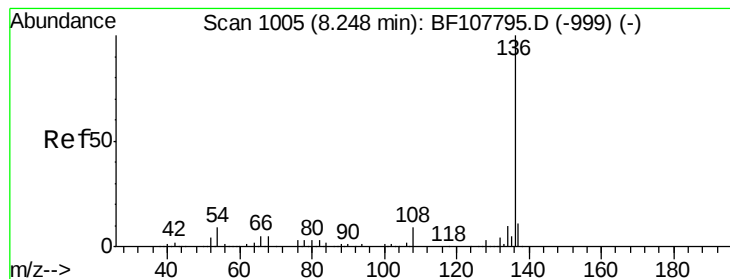
Tgt Ion:	70	Resp:	224506
Ion	Ratio	Lower	Upper
70	100		
42	61.9	47.5	71.3
101	9.3	7.4	11.2
130	20.2	16.6	25.0



#20
3+4-Methylphenols
Concen: 31.091 ng
RT: 7.38 min Scan# 857
Delta R.T. 0.00 min
Lab File: BF107932.D
Acq: 3 Aug 2018 3:31

Tgt Ion:	107	Resp:	249341
Ion	Ratio	Lower	Upper
107	100		
108	93.4	68.2	108.2
77	141.1	26.7	66.7#
79	28.9	6.3	46.3





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.24 min Scan# 1003

Delta R.T. -0.01 min

Lab File: BF107932.D

Acq: 3 Aug 2018 3:31

Instrument :

BNA_F

ClientSampleId :

Tgt Ion:136 Resp: 475471

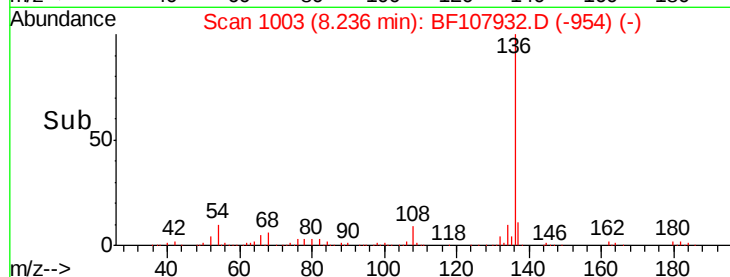
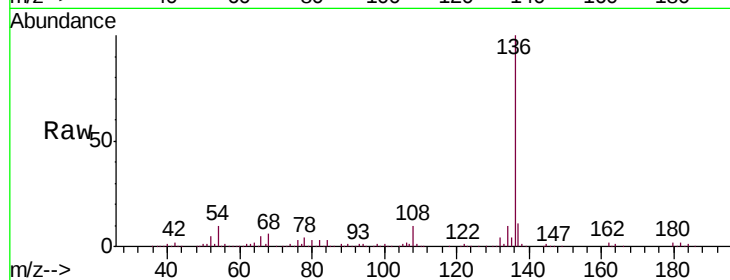
Ion Ratio Lower Upper

136 100

137 10.7 8.9 13.3

54 10.3 6.6 9.8#

68 6.0 5.0 7.4

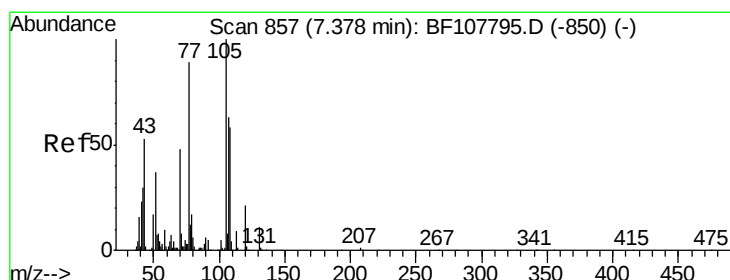
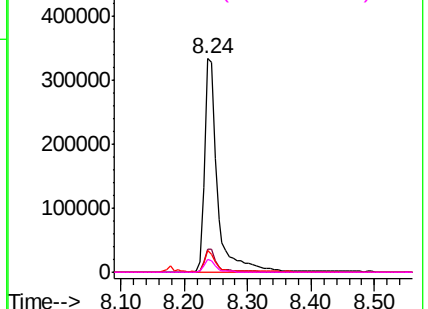


Abundance Ion 136.00 (135.70 to 136.70): E

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: 39.171 ng

RT: 7.37 min Scan# 855

Delta R.T. -0.01 min

Lab File: BF107932.D

Acq: 3 Aug 2018 3:31

Tgt Ion:105 Resp: 448085

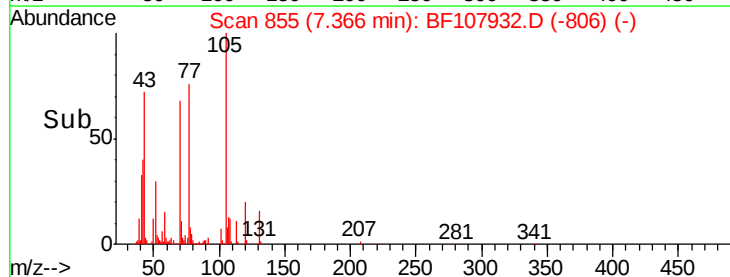
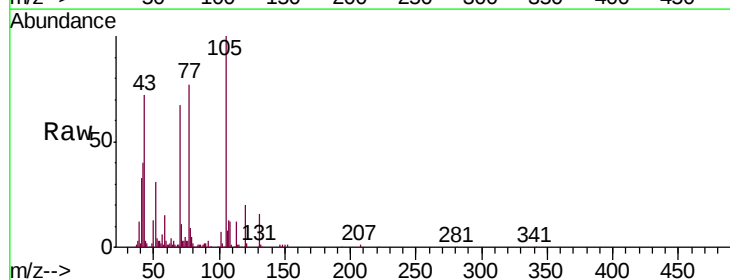
Ion Ratio Lower Upper

105 100

71 11.3 4.4 6.6#

51 31.0 22.3 33.5

120 19.8 16.9 25.3

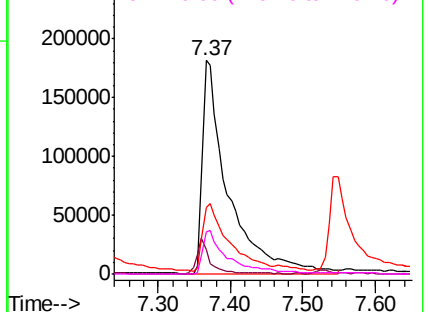


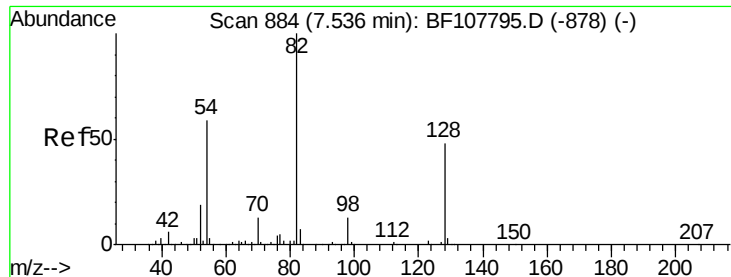
Abundance Ion 105.00 (104.70 to 105.70): E

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

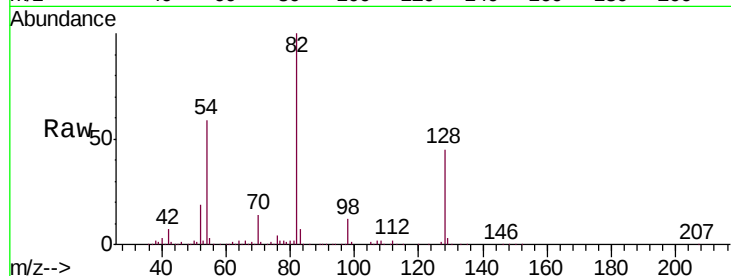




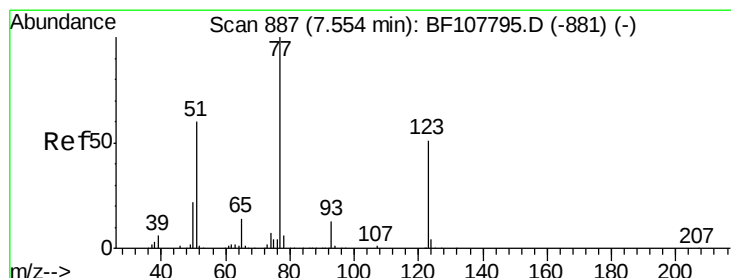
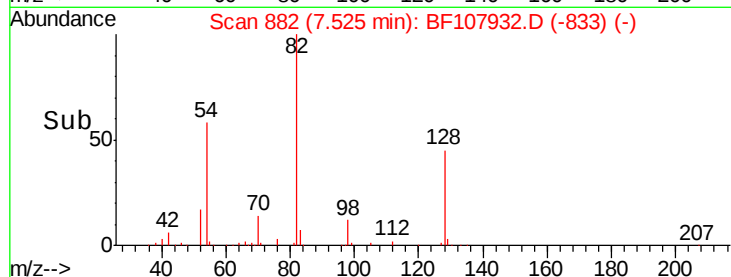
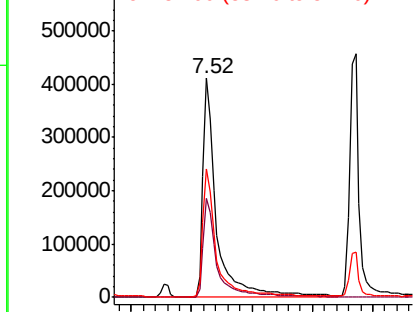
#23
 Nitrobenzene-d5
 Concen: 79.986 ng
 RT: 7.52 min Scan# 882
 Delta R.T. -0.01 min
 Lab File: BF107932.D
 Acq: 3 Aug 2018 3:31

Instrument :
 BNA_F
 ClientSampleId :

Tgt Ion: 82 Resp: 660142
 Ion Ratio Lower Upper
 82 100
 128 45.1 36.1 54.1
 54 58.9 41.4 62.2

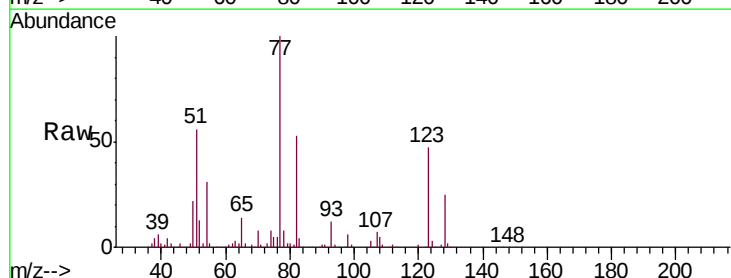


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

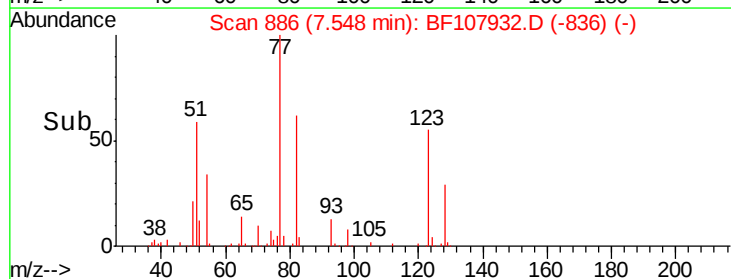
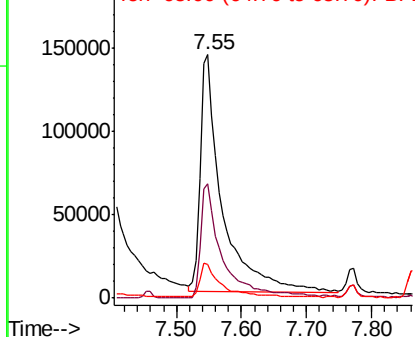


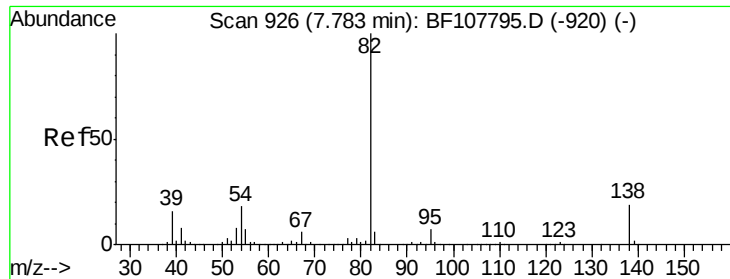
#24
 Nitrobenzene
 Concen: 37.909 ng
 RT: 7.55 min Scan# 886
 Delta R.T. -0.01 min
 Lab File: BF107932.D
 Acq: 3 Aug 2018 3:31

Tgt Ion: 77 Resp: 328066
 Ion Ratio Lower Upper
 77 100
 123 47.2 37.9 56.9
 65 13.7 11.0 16.4



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





#25

Isophorone

Concen: 37.374 ng

RT: 7.77 min Scan# 924

Delta R.T. -0.01 min

Lab File: BF107932.D

Acq: 3 Aug 2018 3:31

Instrument :

BNA_F

ClientSampleId :

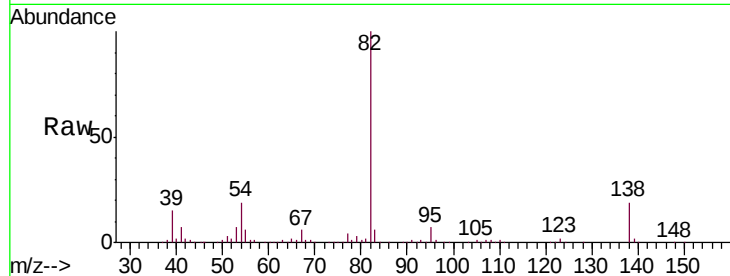
Tgt Ion: 82 Resp: 506327

Ion Ratio Lower Upper

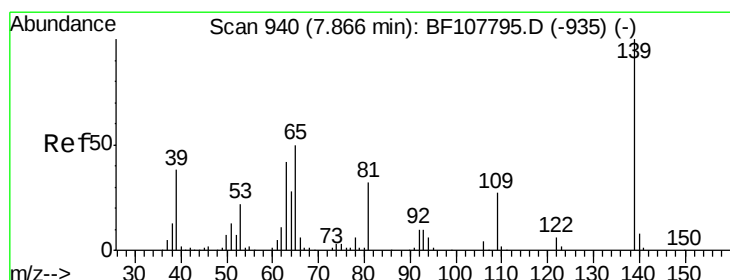
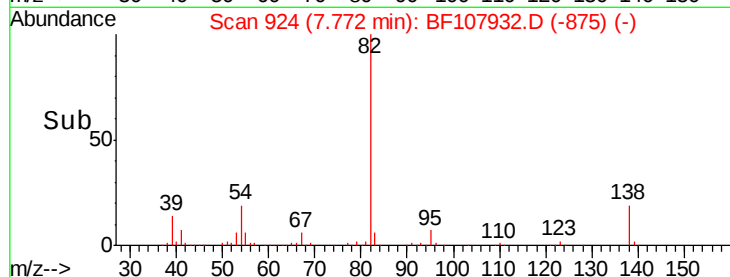
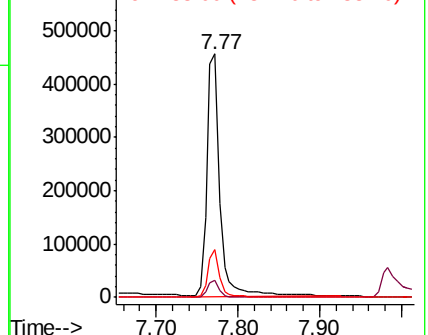
82 100

95 7.1 5.2 7.8

138 19.5 14.9 22.3



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



#26

2-Nitrophenol

Concen: 15.764 ng

RT: 7.87 min Scan# 940

Delta R.T. 0.00 min

Lab File: BF107932.D

Acq: 3 Aug 2018 3:31

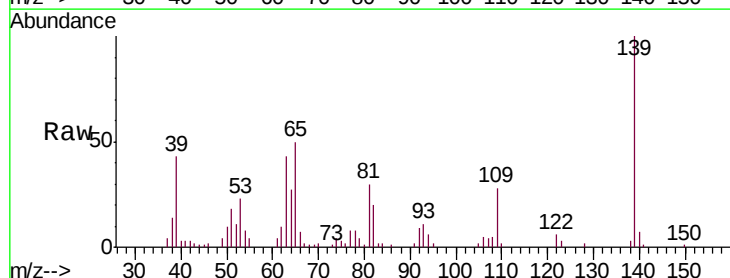
Tgt Ion: 139 Resp: 68468

Ion Ratio Lower Upper

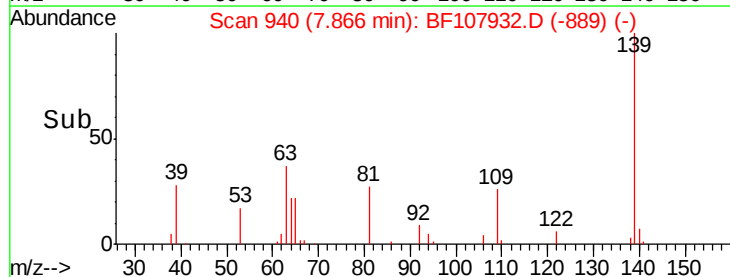
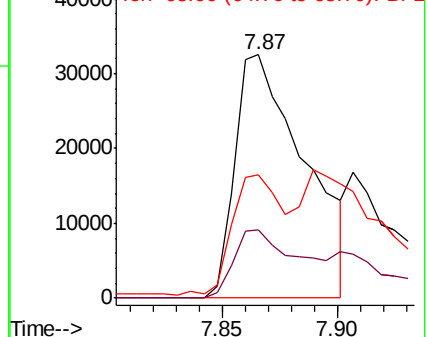
139 100

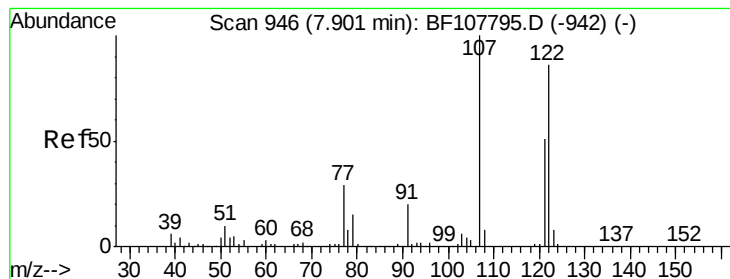
109 27.9 22.7 34.1

65 50.4 40.5 60.7



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





#27

2,4-Dimethylphenol

Concen: 39.925 ng

RT: 7.90 min Scan# 945

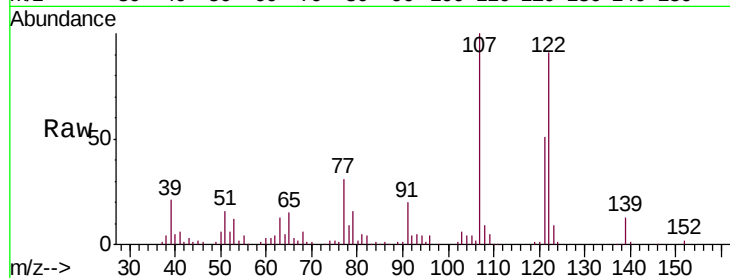
Delta R.T. -0.01 min

Lab File: BF107932.D

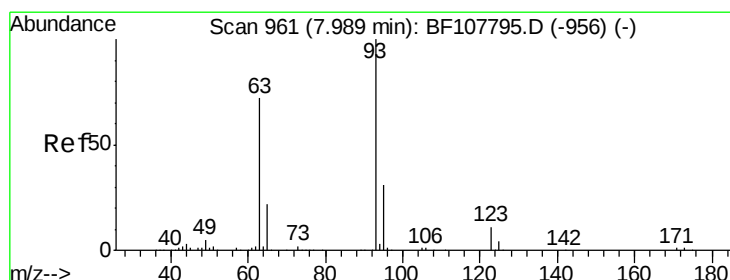
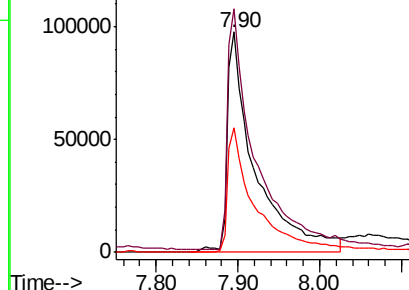
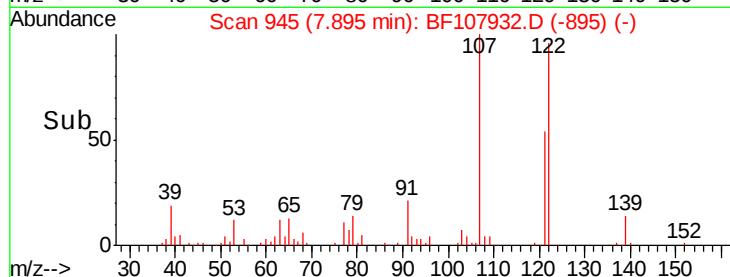
Acq: 3 Aug 2018 3:31

Instrument :
BNA_F
ClientSampled :

Tgt Ion:	122	Resp:	232159
Ion	Ratio	Lower	Upper
122	100		
107	110.4	91.2	136.8
121	56.5	47.2	70.8



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 39.505 ng

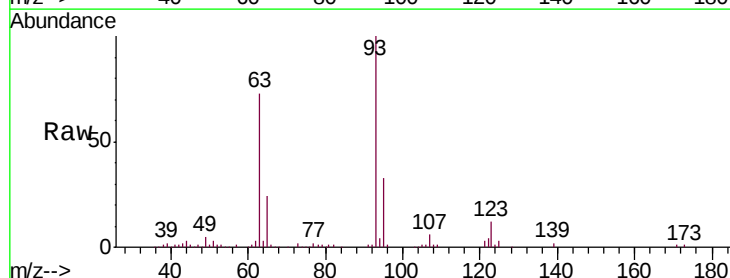
RT: 7.98 min Scan# 960

Delta R.T. -0.01 min

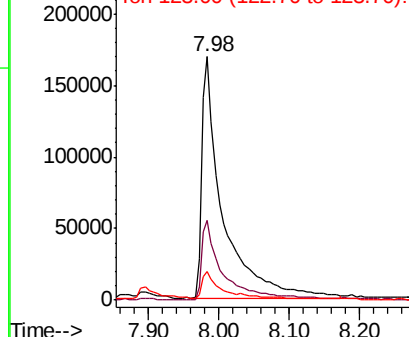
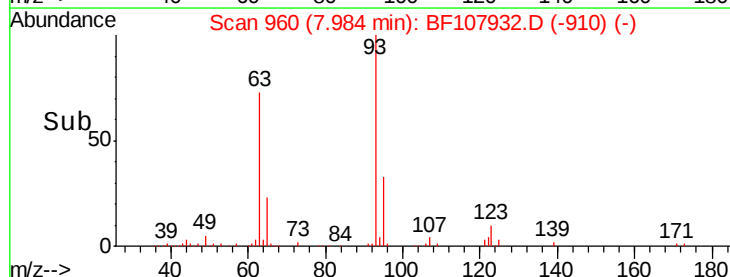
Lab File: BF107932.D

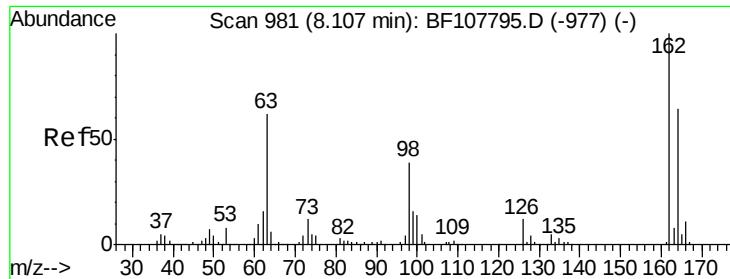
Acq: 3 Aug 2018 3:31

Tgt Ion:	93	Resp:	352705
Ion	Ratio	Lower	Upper
93	100		
95	32.9	26.3	39.5
123	11.9	9.8	14.6



Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 123.00 (122.70 to 123.70): E

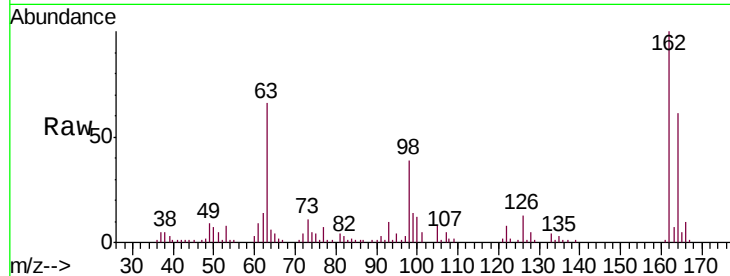




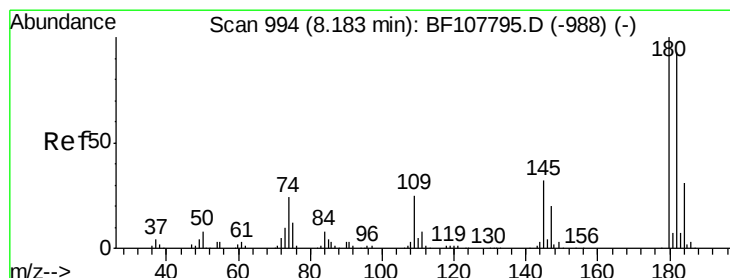
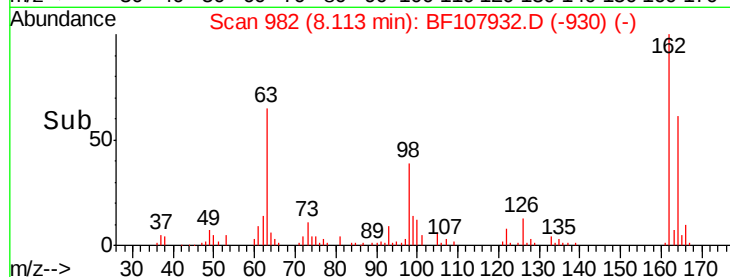
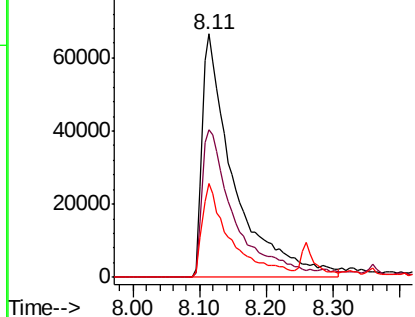
#29
 2,4-Dichlorophenol
 Concen: 33.395 ng
 RT: 8.11 min Scan# 982
 Delta R.T. 0.01 min
 Lab File: BF107932.D
 Acq: 3 Aug 2018 3:31

Instrument :
 BNA_F
 ClientSampleId :

Tgt Ion	Ratio	Lower	Upper
162	100		
164	60.6	42.7	82.7
98	38.7	18.1	58.1

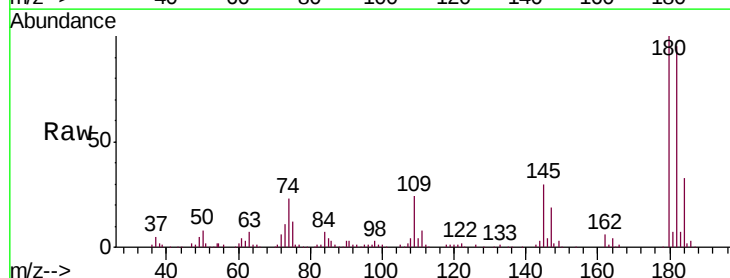


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

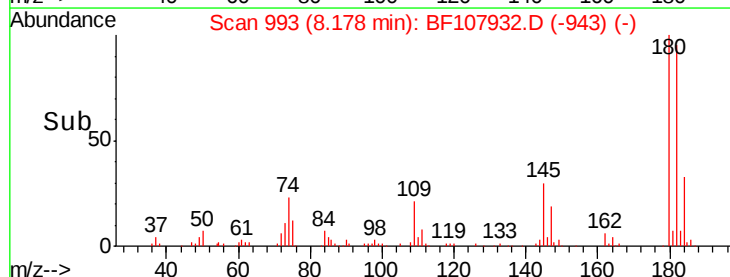
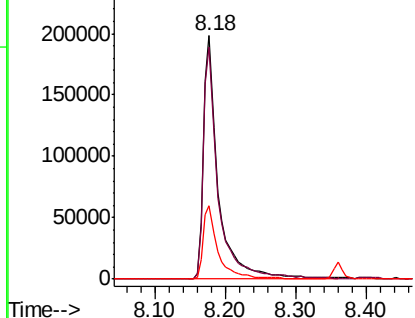


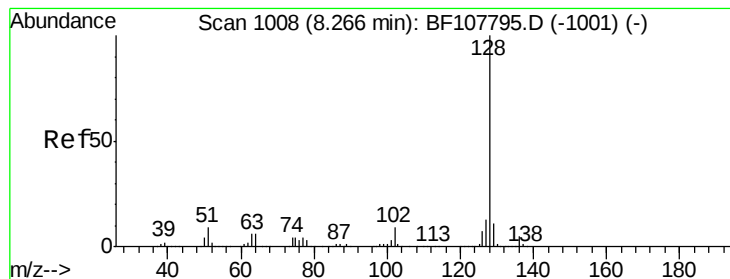
#30
 1,2,4-Trichlorobenzene
 Concen: 38.804 ng
 RT: 8.18 min Scan# 993
 Delta R.T. -0.01 min
 Lab File: BF107932.D
 Acq: 3 Aug 2018 3:31

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.3	76.8	115.2
145	29.9	26.5	39.7



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





#31

Naphthalene

Concen: 39.495 ng

RT: 8.26 min Scan# 1007

Delta R.T. -0.01 min

Lab File: BF107932.D

Acq: 3 Aug 2018 3:31

Instrument :

BNA_F

ClientSampleId :

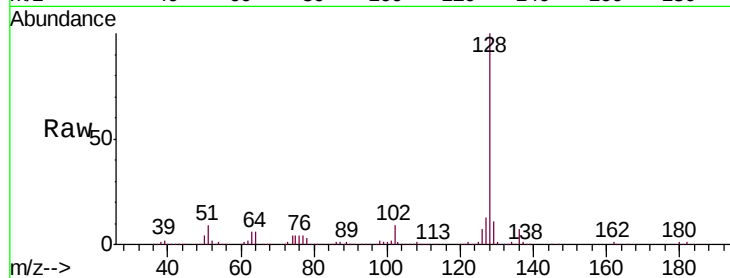
Tgt Ion:128 Resp: 872918

Ion Ratio Lower Upper

128 100

129 11.1 8.8 13.2

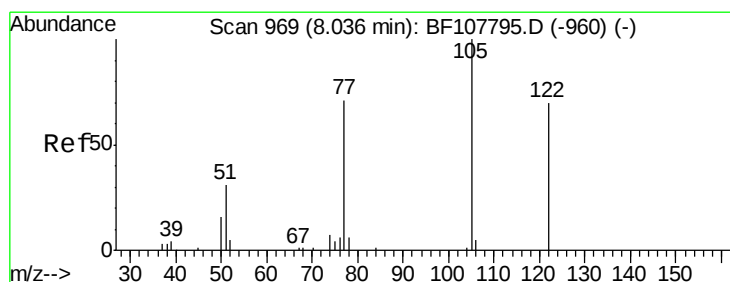
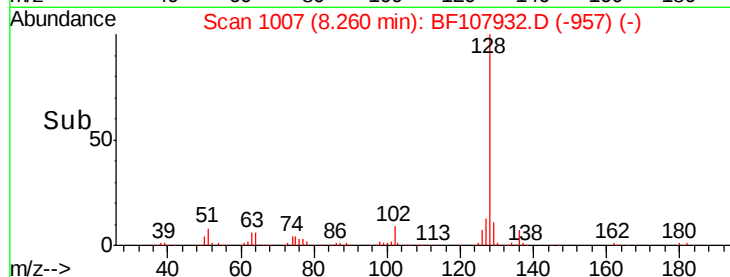
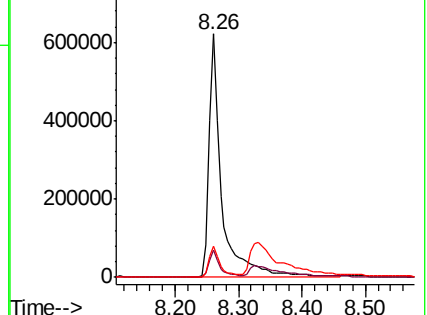
127 13.1 10.9 16.3



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 58.647 ng

RT: 7.90 min Scan# 945

Delta R.T. -0.14 min

Lab File: BF107932.D

Acq: 3 Aug 2018 3:31

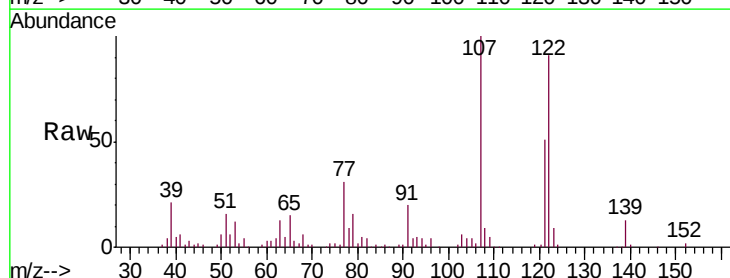
Tgt Ion:122 Resp: 232159

Ion Ratio Lower Upper

122 100

105 4.1 101.1 141.1#

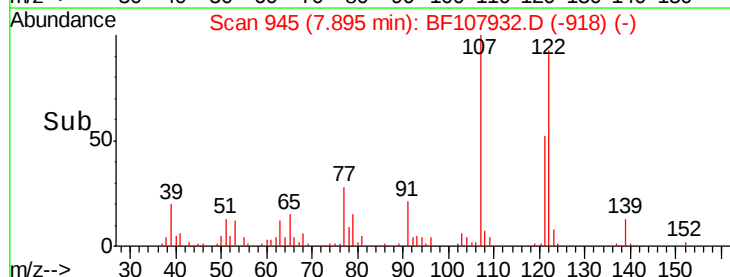
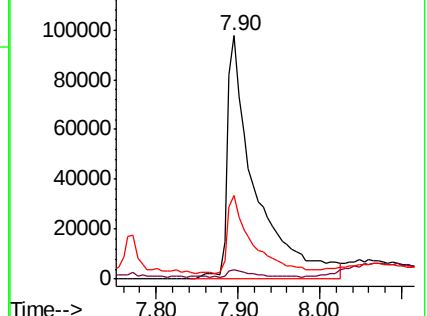
77 34.5 70.7 110.7#

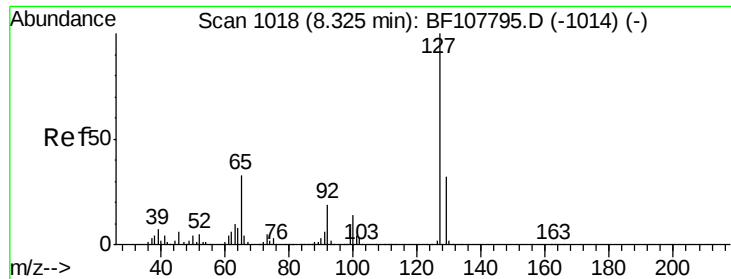


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

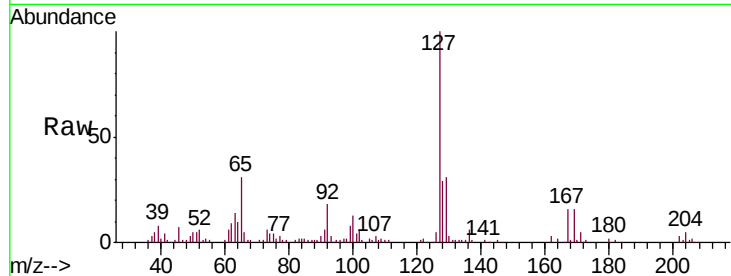




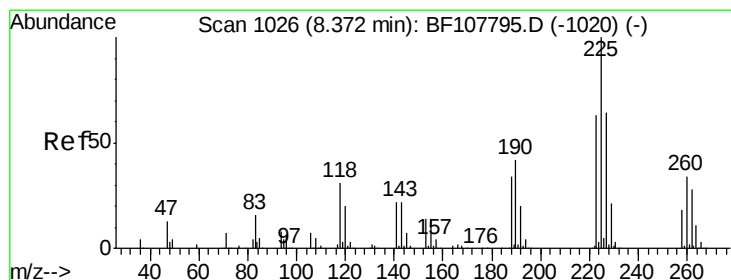
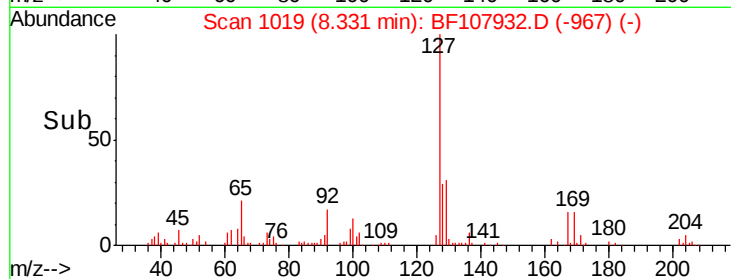
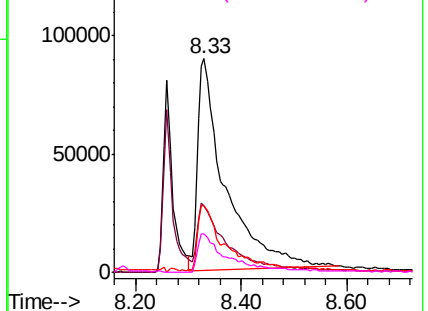
#33
4-Chloroaniline
Concen: 34.784 ng
RT: 8.33 min Scan# 1019
Delta R.T. 0.01 min
Lab File: BF107932.D
Acq: 3 Aug 2018 3:31

Instrument :
BNA_F
ClientSampled :

Tgt Ion:	127	Resp:	328378
Ion	Ratio	Lower	Upper
127	100		
129	31.4	25.9	38.9
65	31.0	25.0	37.4
92	17.9	15.2	22.8

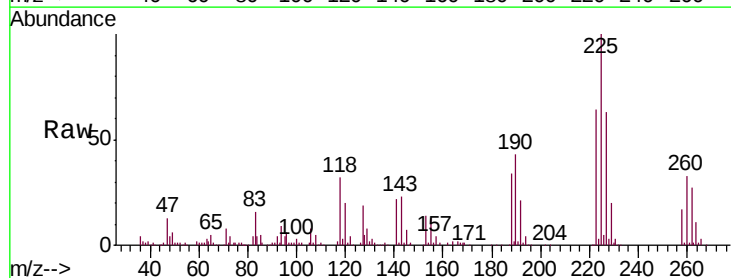


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

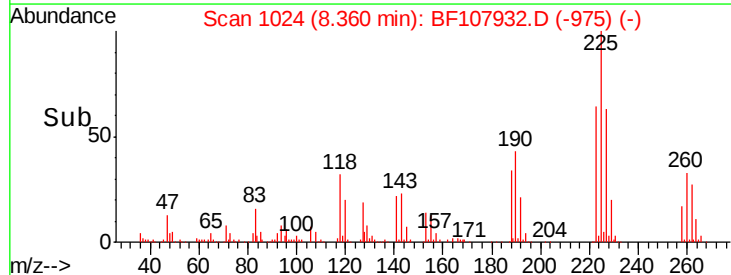
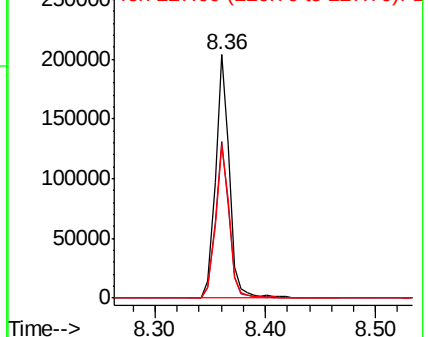


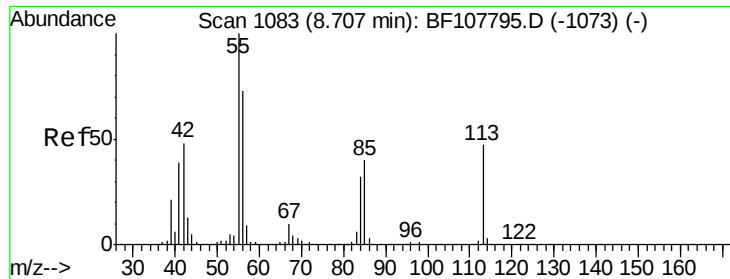
#34
Hexachlorobutadiene
Concen: 37.853 ng
RT: 8.36 min Scan# 1024
Delta R.T. -0.01 min
Lab File: BF107932.D
Acq: 3 Aug 2018 3:31

Tgt Ion:	225	Resp:	175519
Ion	Ratio	Lower	Upper
225	100		
223	64.1	50.6	76.0
227	62.6	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

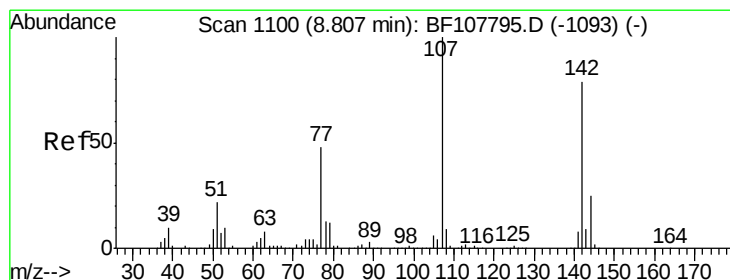
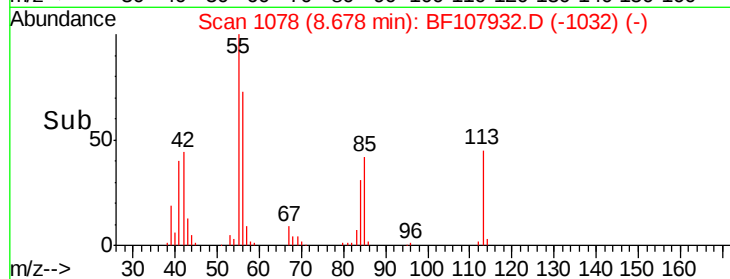
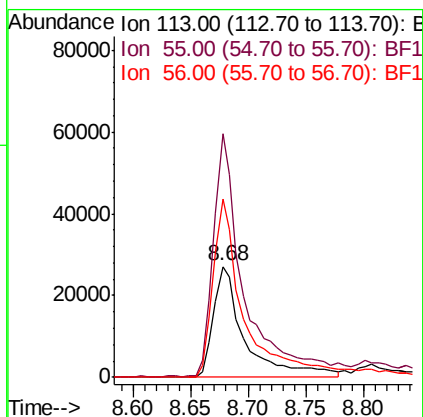
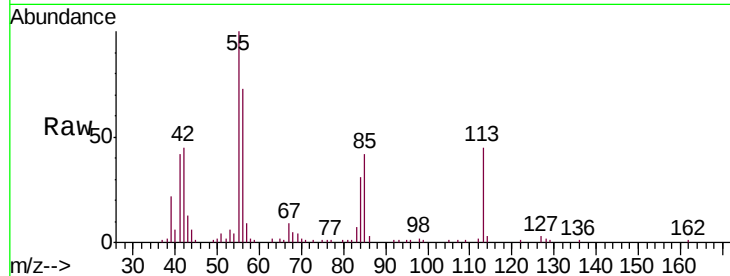




#35
 Caprolactam
 Concen: 25.982 ng
 RT: 8.68 min Scan# 1078
 Delta R.T. -0.03 min
 Lab File: BF107932.D
 Acq: 3 Aug 2018 3:31

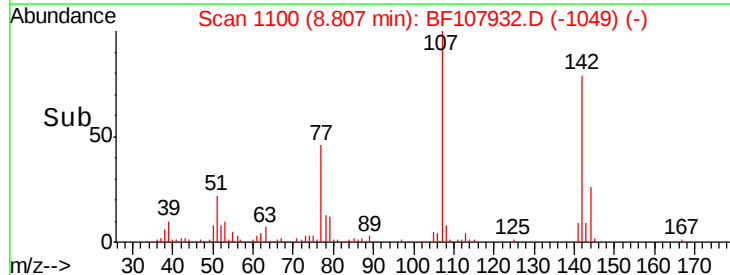
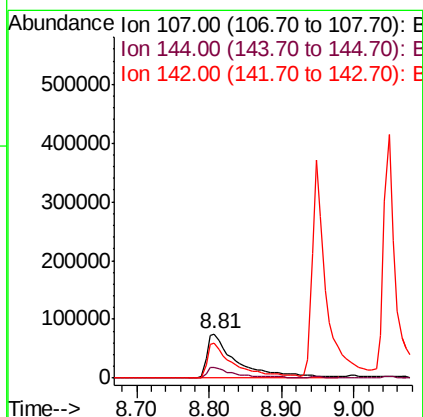
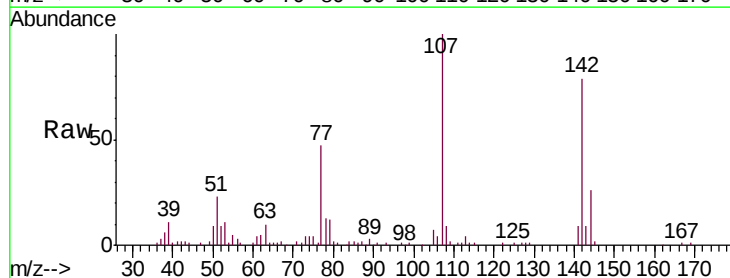
Instrument :
 BNA_F
 ClientSampled :

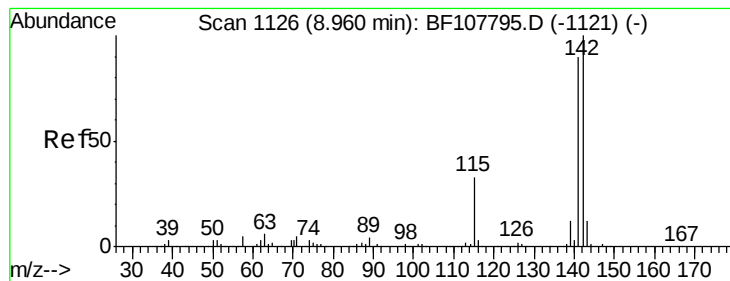
Tgt Ion:113 Resp: 51445
 Ion Ratio Lower Upper
 113 100
 55 220.1 163.3 203.3#
 56 161.5 115.7 155.7#



#36
 4-Chloro-3-methylphenol
 Concen: 30.358 ng
 RT: 8.81 min Scan# 1100
 Delta R.T. 0.00 min
 Lab File: BF107932.D
 Acq: 3 Aug 2018 3:31

Tgt Ion:107 Resp: 216858
 Ion Ratio Lower Upper
 107 100
 144 25.7 20.5 30.7
 142 78.7 62.0 93.0

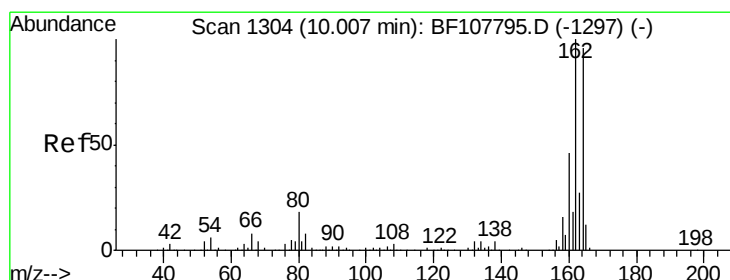
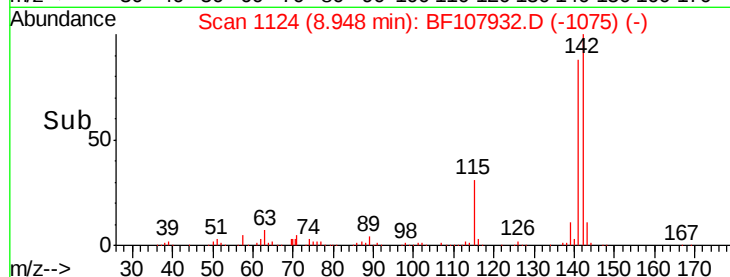
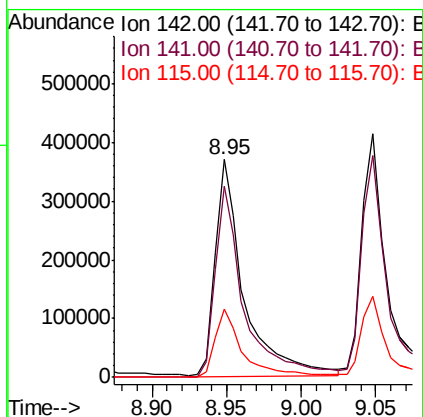
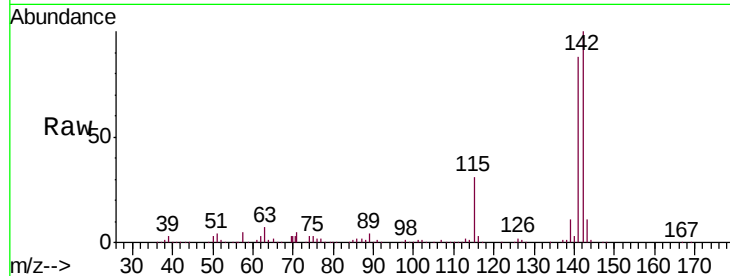




#37
 2-Methylnaphthalene
 Concen: 36.010 ng
 RT: 8.95 min Scan# 1124
 Delta R.T. -0.01 min
 Lab File: BF107932.D
 Acq: 3 Aug 2018 3:31

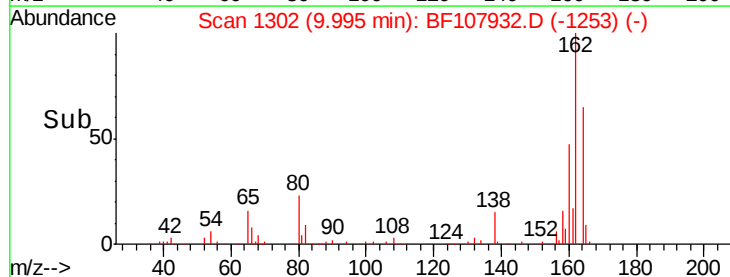
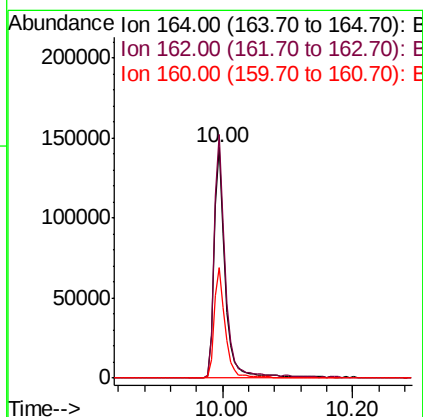
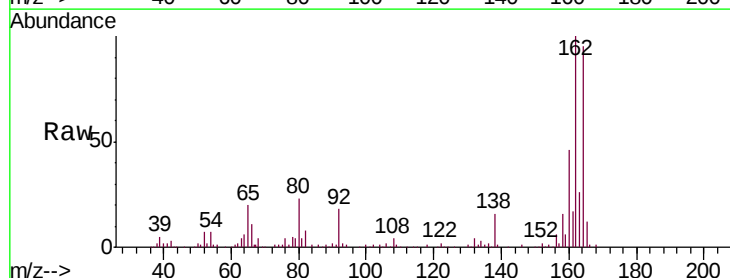
Instrument :
 BNA_F
 ClientSampleId :

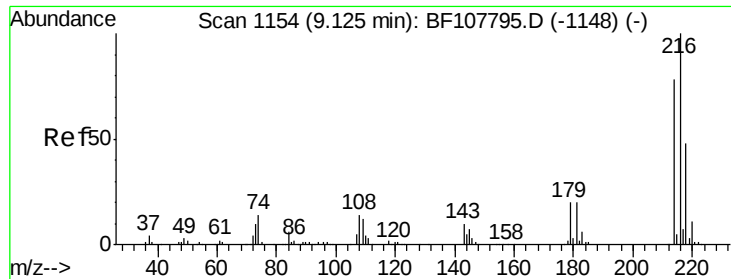
Tgt Ion	Ratio	Lower	Upper
142	100		
141	88.1	70.8	106.2
115	31.3	26.1	39.1



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.00 min Scan# 1302
 Delta R.T. -0.01 min
 Lab File: BF107932.D
 Acq: 3 Aug 2018 3:31

Tgt Ion	Ratio	Lower	Upper
164	100		
162	105.5	86.1	129.1
160	48.1	38.3	57.5

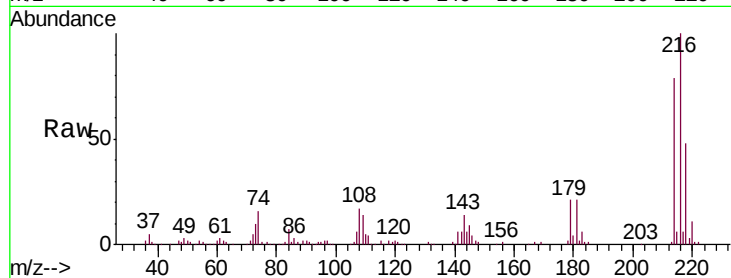




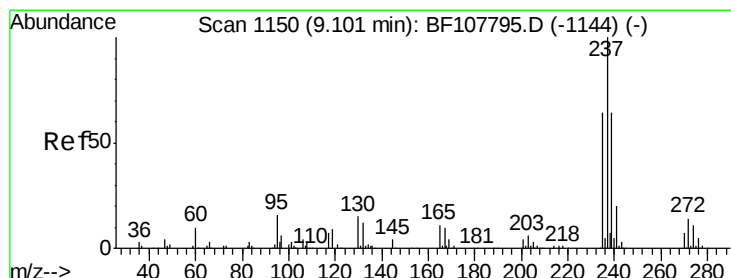
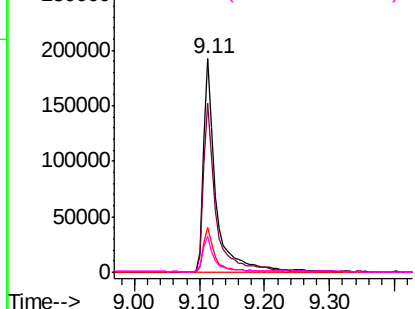
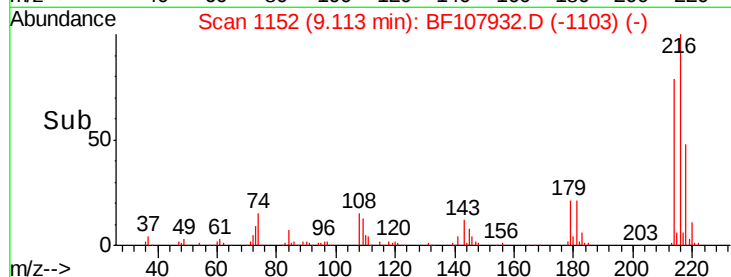
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 44.358 ng
 RT: 9.11 min Scan# 1152
 Delta R.T. -0.01 min
 Lab File: BF107932.D
 Acq: 3 Aug 2018 3:31

Instrument :
 BNA_F
 ClientSampleId :

Tgt Ion	Ratio	Lower	Upper
216	100		
214	80.0	63.0	94.4
179	20.5	18.1	27.1
108	15.8	17.2	25.8

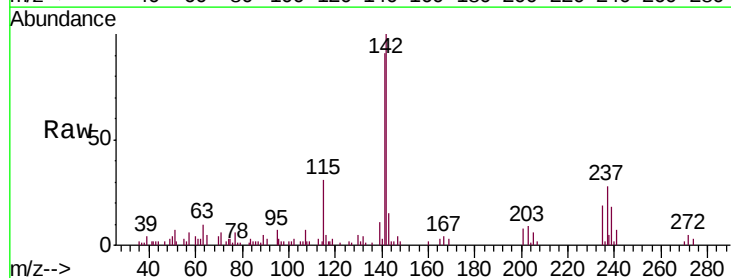


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

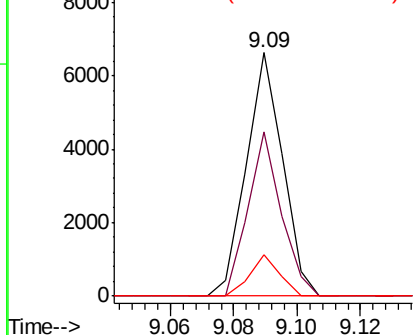
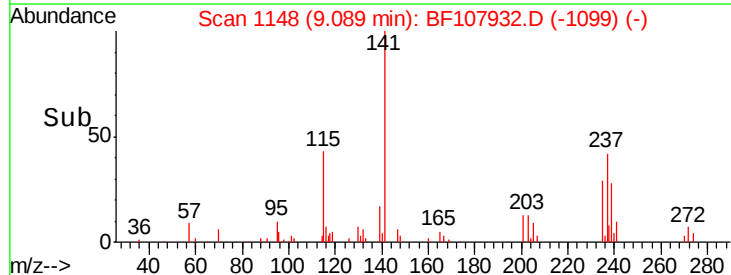


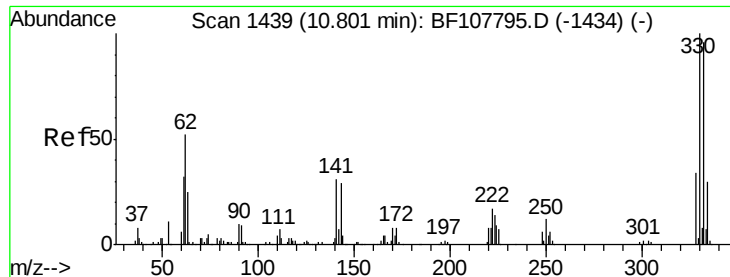
#40
 Hexachlorocyclopentadiene
 Concen: 9.309 ng
 RT: 9.09 min Scan# 1148
 Delta R.T. -0.01 min
 Lab File: BF107932.D
 Acq: 3 Aug 2018 3:31

Tgt Ion	Ratio	Lower	Upper
237	100		
235	67.4	44.8	84.8
272	16.8	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: 57.898 ng

RT: 10.80 min Scan# 1438

Delta R.T. -0.01 min

Lab File: BF107932.D

Acq: 3 Aug 2018 3:31

Instrument :

BNA_F

ClientSampleId :

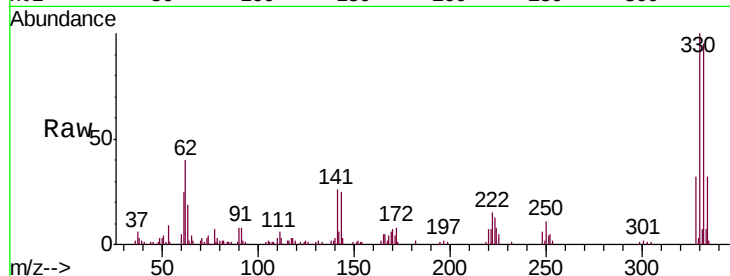
Tgt Ion:330 Resp: 135187

Ion Ratio Lower Upper

330 100

332 98.8 77.0 115.6

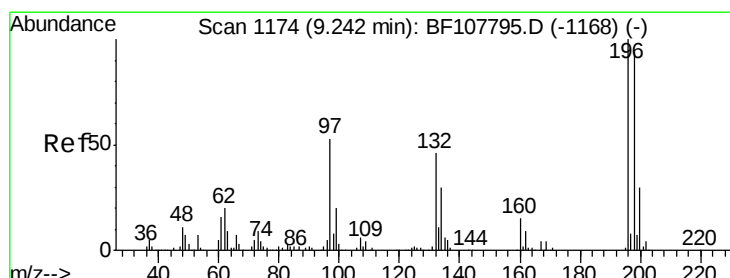
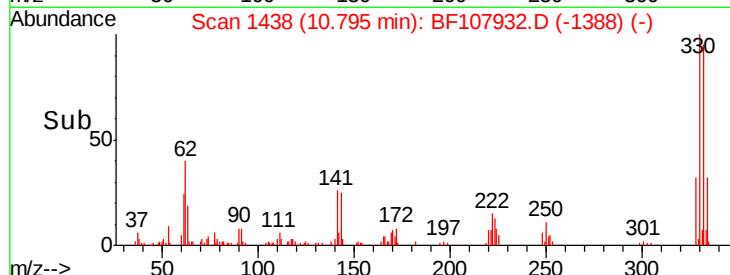
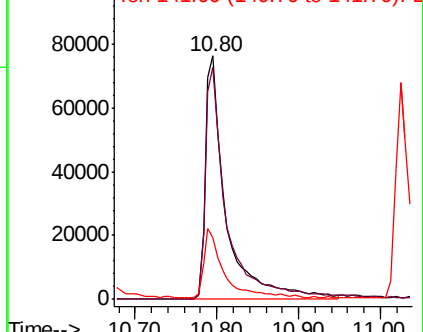
141 27.9 29.9 44.9#



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: 37.168 ng

RT: 9.24 min Scan# 1173

Delta R.T. -0.01 min

Lab File: BF107932.D

Acq: 3 Aug 2018 3:31

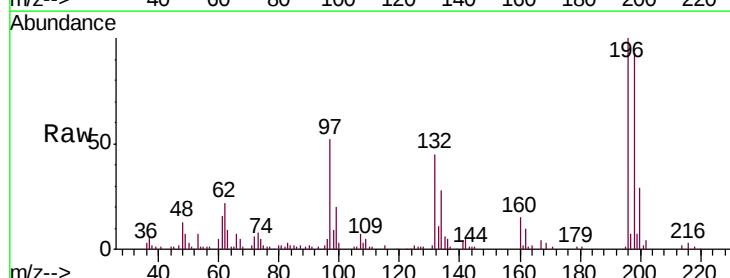
Tgt Ion:196 Resp: 120385

Ion Ratio Lower Upper

196 100

198 92.6 75.7 113.5

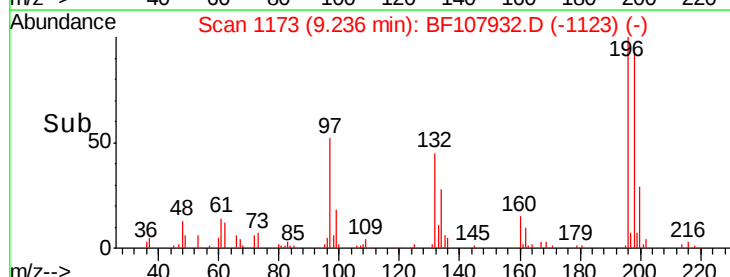
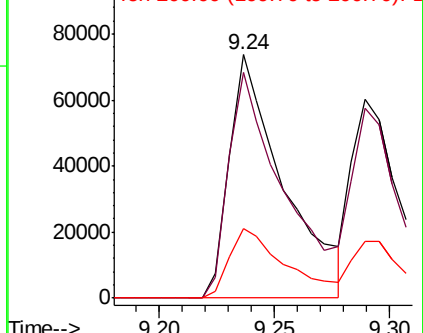
200 28.8 24.5 36.7

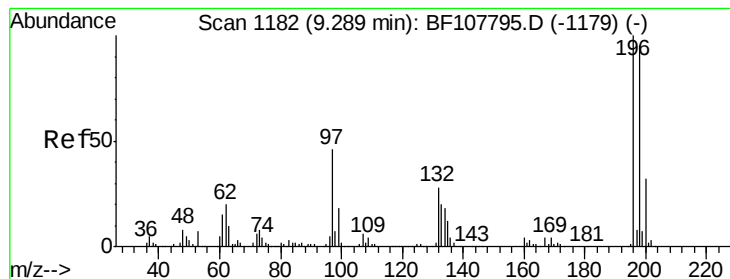


Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E





#43

2,4,5-Trichlorophenol

Concen: 34.405 ng

RT: 9.29 min Scan# 1182

Delta R.T. 0.00 min

Lab File: BF107932.D

Acq: 3 Aug 2018 3:31

Instrument :

BNA_F

ClientSampleId :

Tgt Ion:196 Resp: 134153

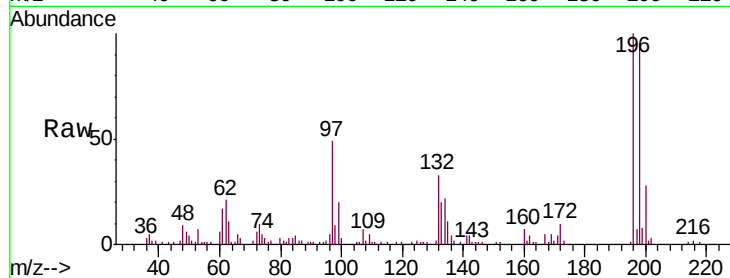
Ion Ratio Lower Upper

196 100

198 95.1 74.6 112.0

97 48.8 42.9 64.3

132 32.7 26.3 39.5

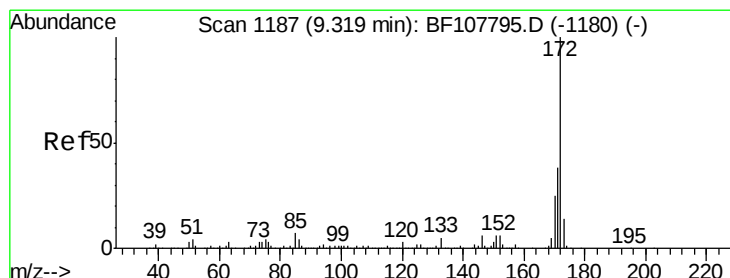
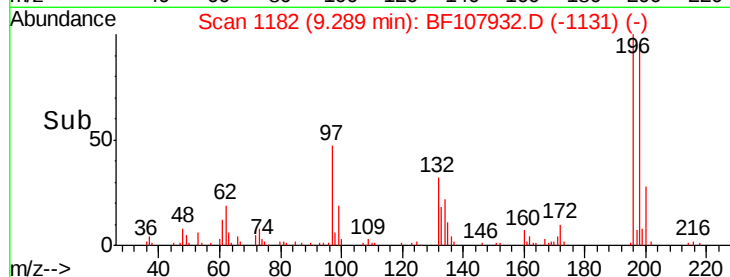
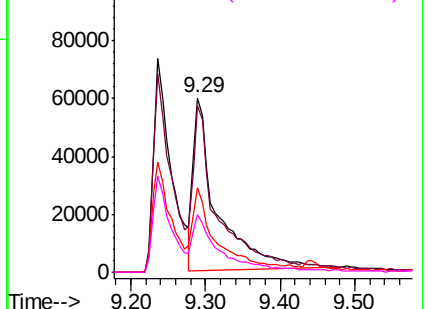


Abundance Ion 196.00 (195.70 to 196.70): E

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: 93.924 ng

RT: 9.31 min Scan# 1185

Delta R.T. -0.01 min

Lab File: BF107932.D

Acq: 3 Aug 2018 3:31

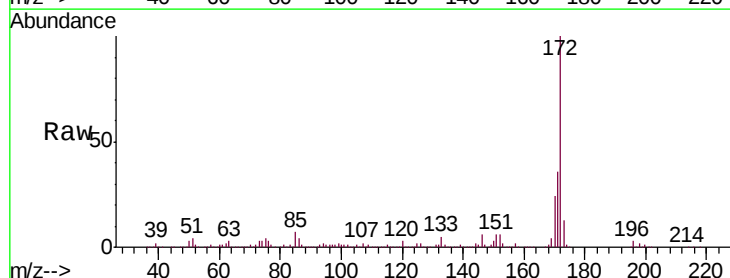
Tgt Ion:172 Resp: 1158214

Ion Ratio Lower Upper

172 100

171 36.0 29.7 44.5

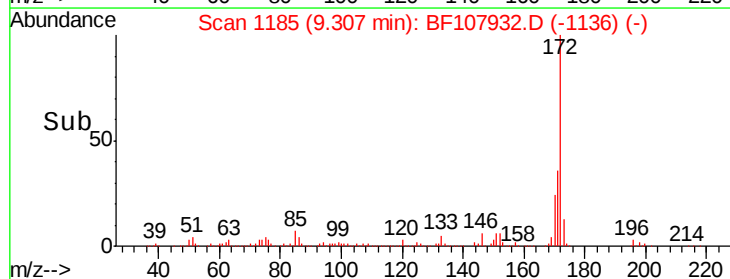
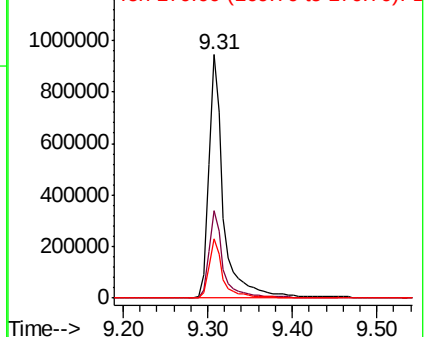
170 24.2 19.6 29.4

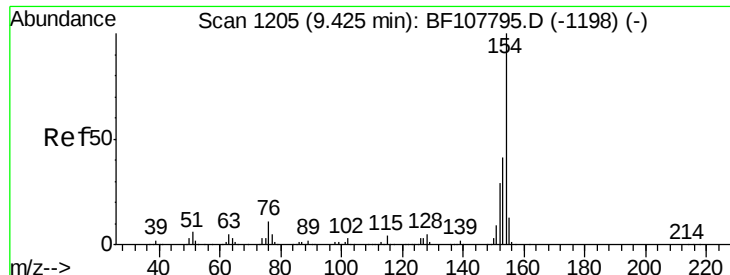


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

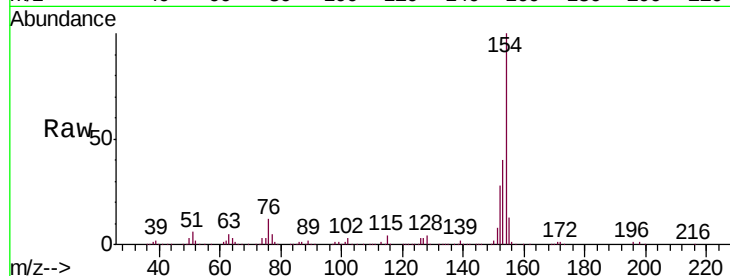




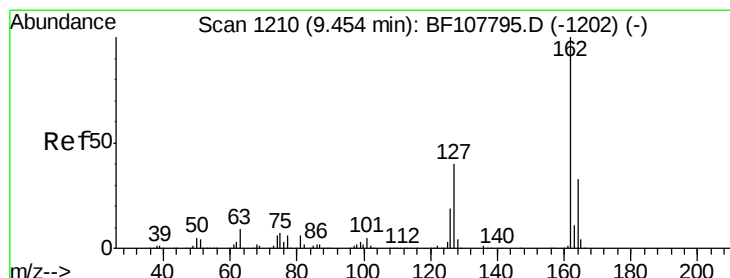
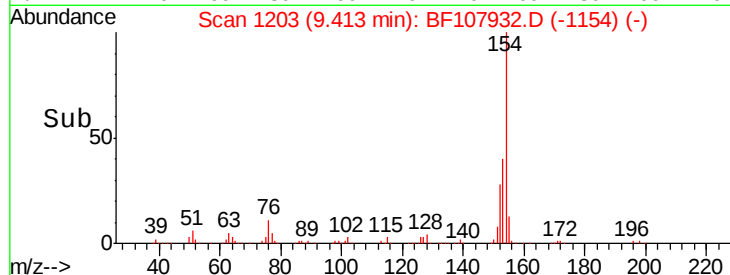
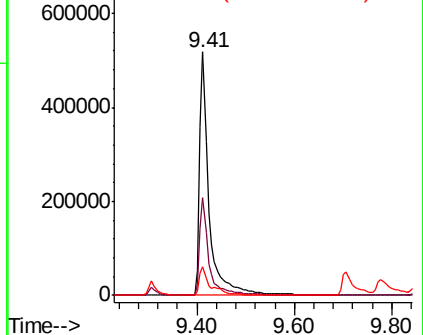
#45
 1,1'-Biphenyl
 Concen: 44.780 ng
 RT: 9.41 min Scan# 1203
 Delta R.T. -0.01 min
 Lab File: BF107932.D
 Acq: 3 Aug 2018 3:31

Instrument :
 BNA_F
 ClientSampleId :

Tgt Ion:154 Resp: 700271
 Ion Ratio Lower Upper
 154 100
 153 40.1 21.3 61.3
 76 11.5 0.0 34.0

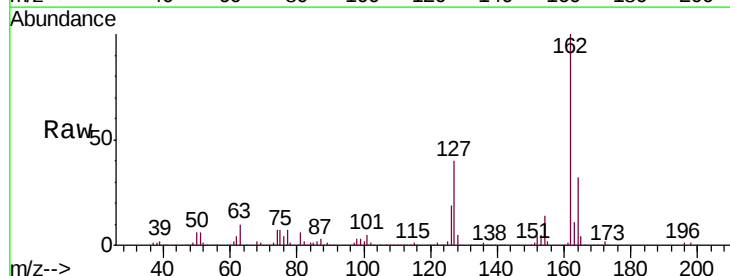


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF1

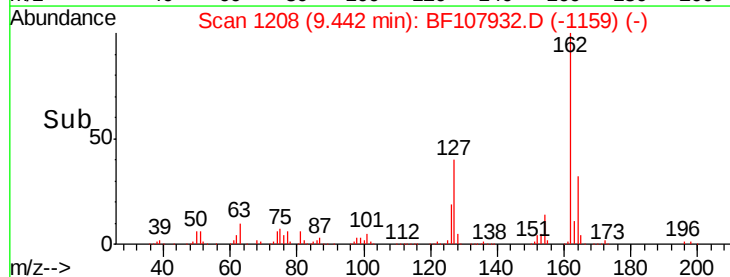
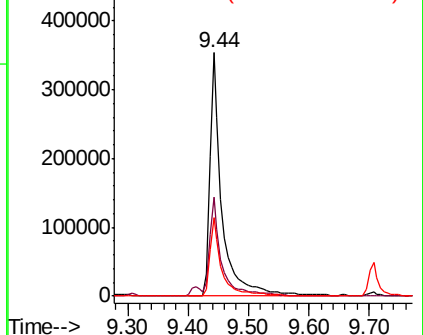


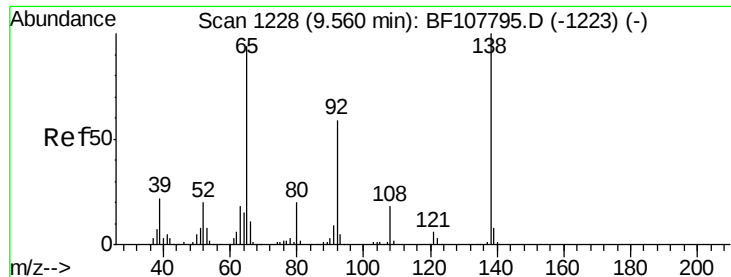
#46
 2-Chloronaphthalene
 Concen: 42.135 ng
 RT: 9.44 min Scan# 1208
 Delta R.T. -0.01 min
 Lab File: BF107932.D
 Acq: 3 Aug 2018 3:31

Tgt Ion:162 Resp: 496886
 Ion Ratio Lower Upper
 162 100
 127 40.4 33.9 50.9
 164 32.2 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

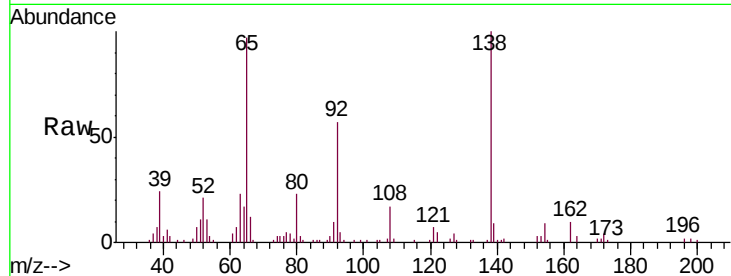




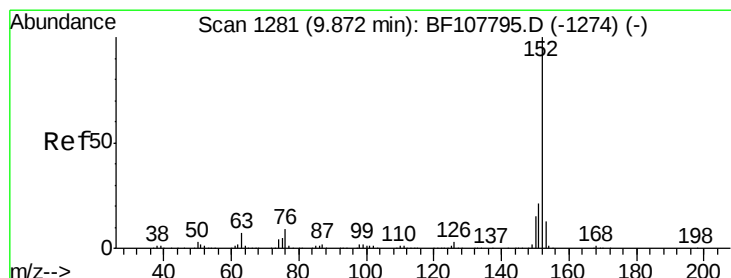
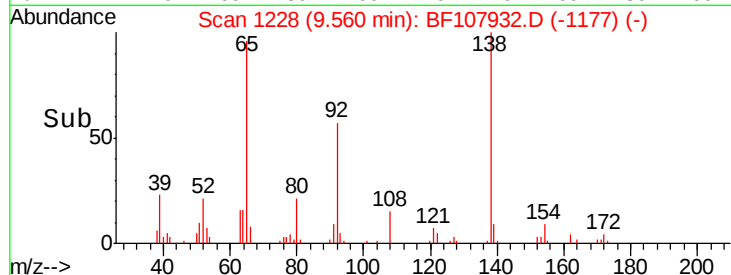
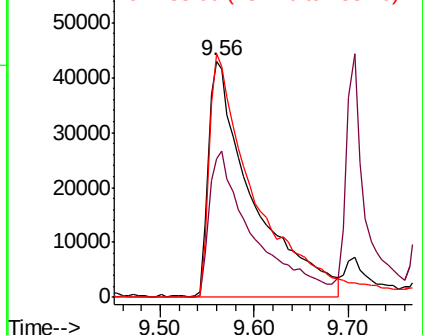
#47
2-Nitroaniline
Concen: 37.149 ng
RT: 9.56 min Scan# 1228
Delta R.T. 0.00 min
Lab File: BF107932.D
Acq: 3 Aug 2018 3:31

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 65 Resp: 142497
Ion Ratio Lower Upper
65 100
92 58.8 55.8 83.6
138 103.1 91.2 136.8

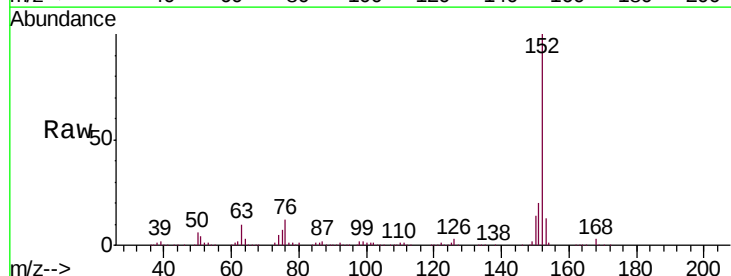


Abundance Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1
Ion 138.00 (137.70 to 138.70): BF1

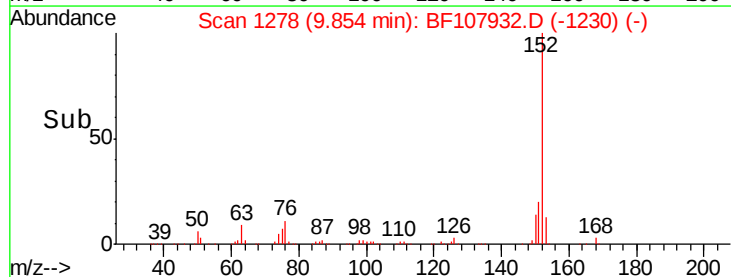
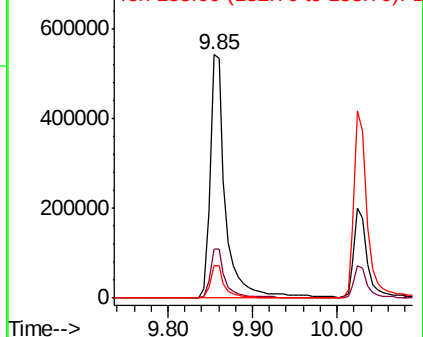


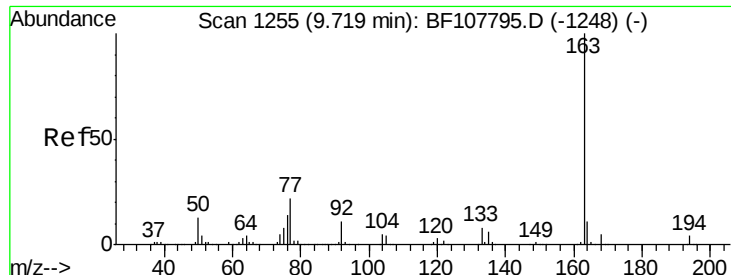
#48
Acenaphthylene
Concen: 38.024 ng
RT: 9.85 min Scan# 1278
Delta R.T. -0.02 min
Lab File: BF107932.D
Acq: 3 Aug 2018 3:31

Tgt Ion: 152 Resp: 695166
Ion Ratio Lower Upper
152 100
151 19.9 16.3 24.5
153 13.3 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

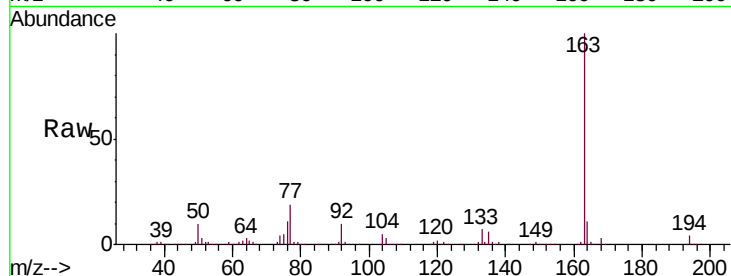




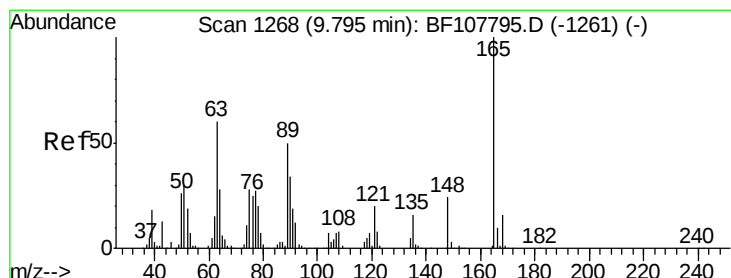
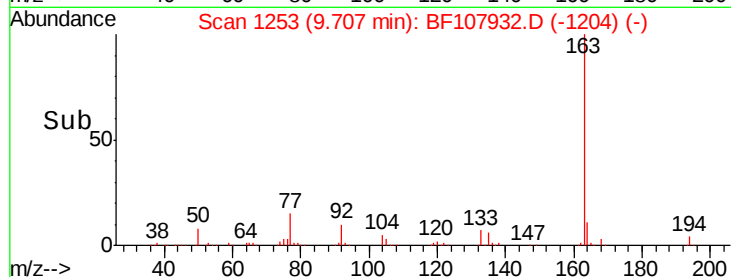
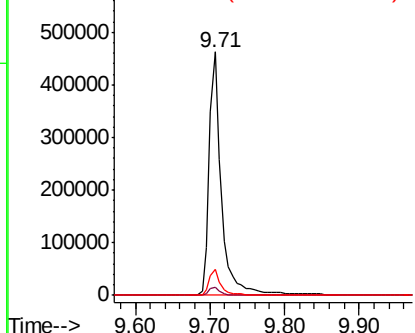
#49
Dimethylphthalate
Concen: 41.266 ng
RT: 9.71 min Scan# 1253
Delta R.T. -0.01 min
Lab File: BF107932.D
Acq: 3 Aug 2018 3:31

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:163 Resp: 532538
Ion Ratio Lower Upper
163 100
194 3.5 2.7 4.1
164 10.7 8.2 12.2

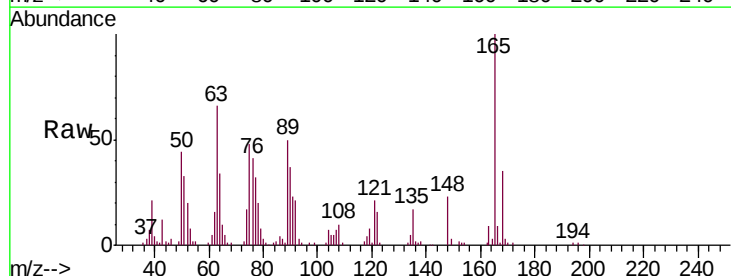


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

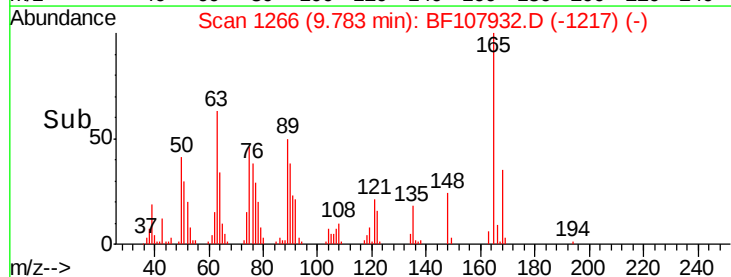
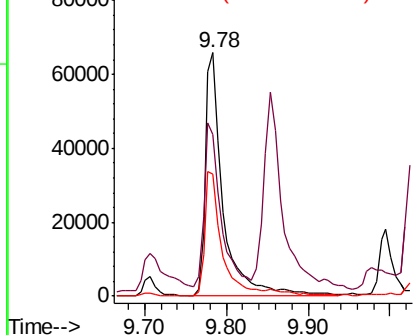


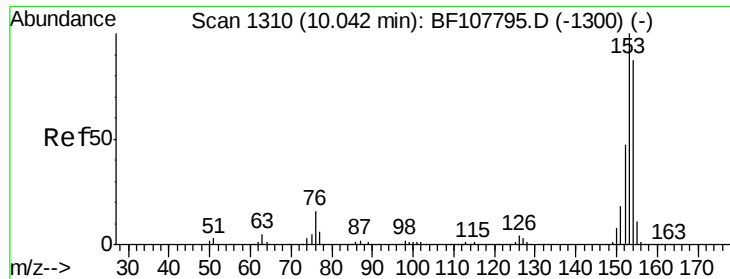
#50
2,6-Dinitrotoluene
Concen: 35.594 ng
RT: 9.78 min Scan# 1266
Delta R.T. -0.01 min
Lab File: BF107932.D
Acq: 3 Aug 2018 3:31

Tgt Ion:165 Resp: 99823
Ion Ratio Lower Upper
165 100
63 66.2 44.7 67.1
89 50.1 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: 39.319 ng

RT: 10.02 min Scan# 1307

Delta R.T. -0.02 min

Lab File: BF107932.D

Acq: 3 Aug 2018 3:31

Instrument :

BNA_F

ClientSampleId :

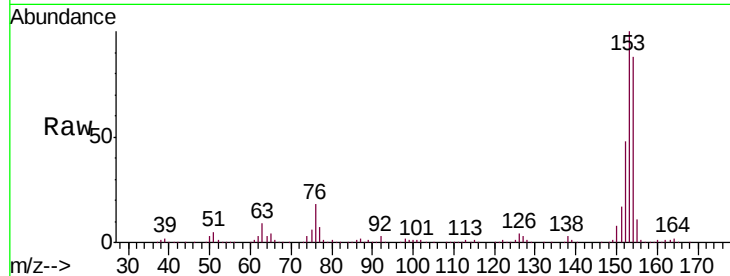
Tgt Ion:154 Resp: 417570

Ion Ratio Lower Upper

154 100

153 114.0 91.2 136.8

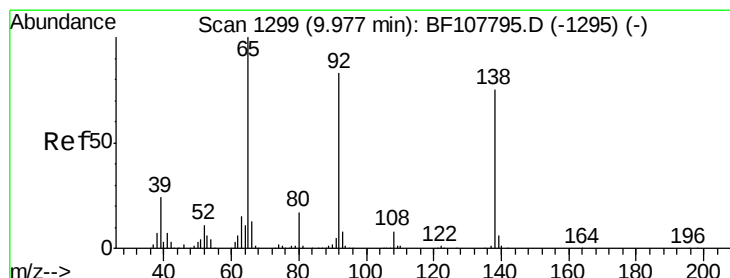
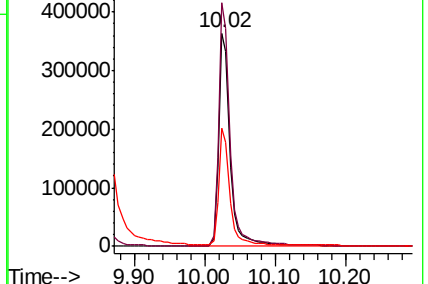
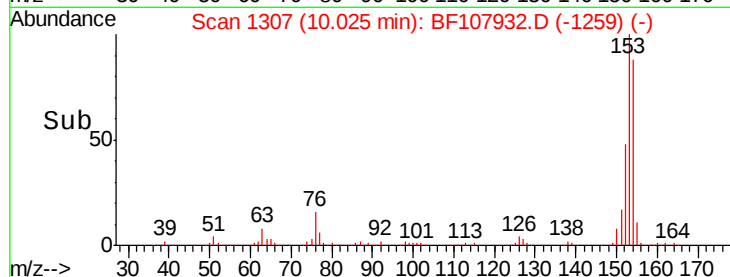
152 55.3 43.8 65.8



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 33.440 ng

RT: 9.98 min Scan# 1300

Delta R.T. 0.01 min

Lab File: BF107932.D

Acq: 3 Aug 2018 3:31

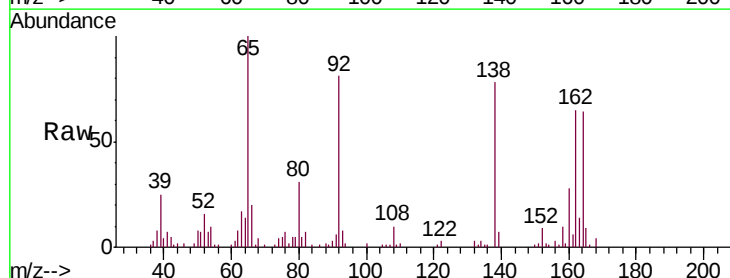
Tgt Ion:138 Resp: 118176

Ion Ratio Lower Upper

138 100

108 12.7 9.4 14.0

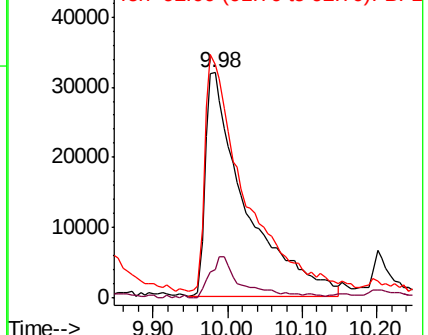
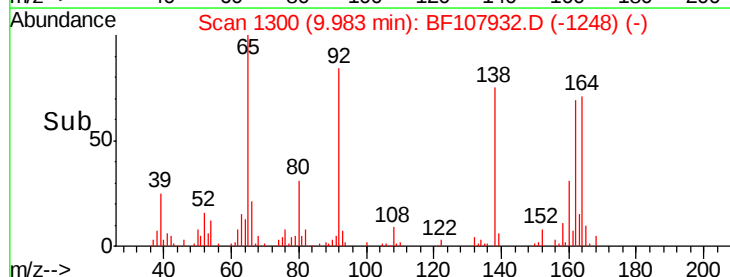
92 103.8 89.4 134.2

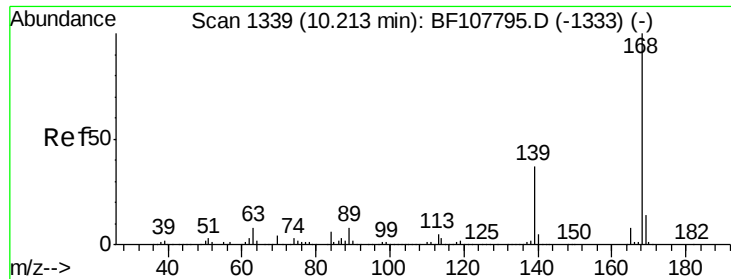


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1





#54

Dibenzofuran

Concen: 36.157 ng

RT: 10.20 min Scan# 1337

Delta R.T. -0.01 min

Lab File: BF107932.D

Acq: 3 Aug 2018 3:31

Instrument :

BNA_F

ClientSampled :

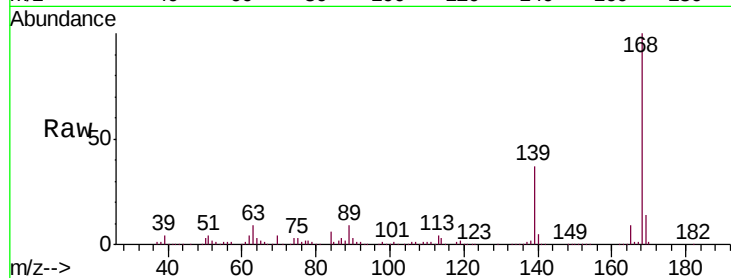
Tgt Ion:168 Resp: 593509

Ion Ratio Lower Upper

168 100

139 37.4 30.1 45.1

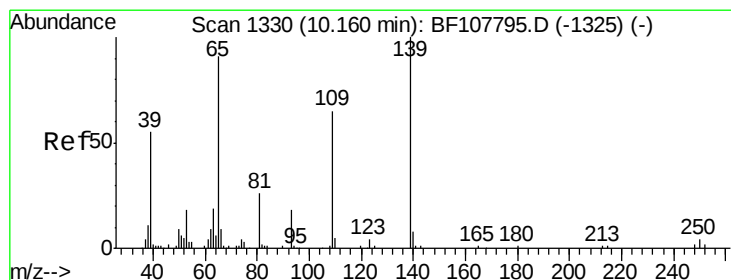
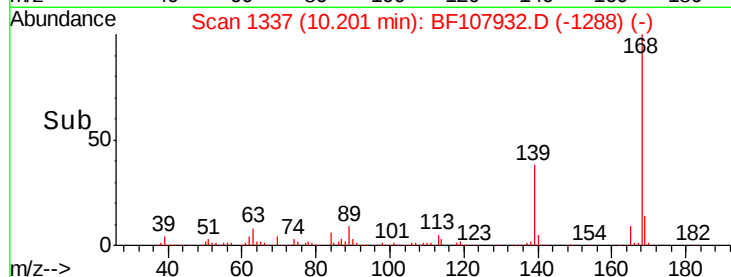
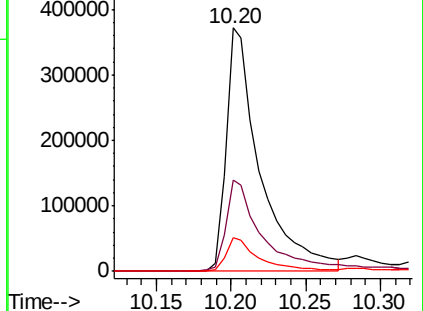
169 13.9 10.9 16.3



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: 152.033 ng

RT: 10.20 min Scan# 1337

Delta R.T. 0.04 min

Lab File: BF107932.D

Acq: 3 Aug 2018 3:31

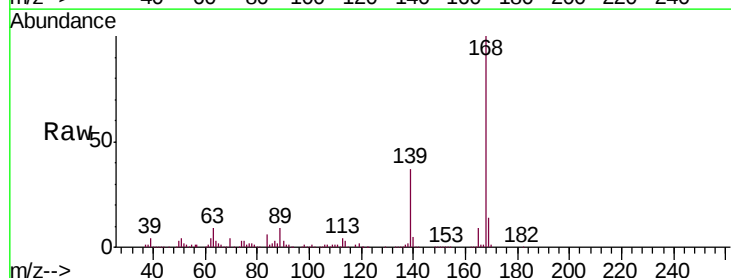
Tgt Ion:139 Resp: 268652

Ion Ratio Lower Upper

139 100

109 2.7 48.4 88.4#

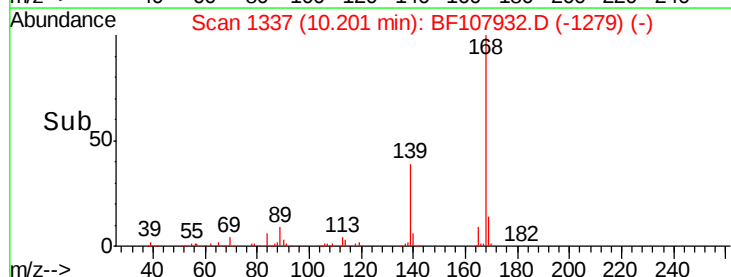
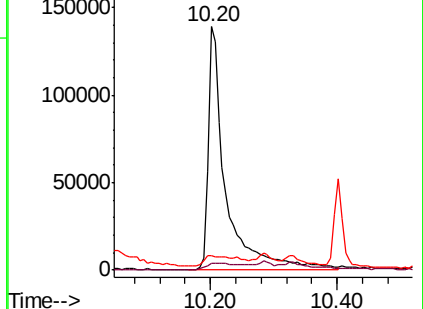
65 6.2 72.6 112.6#

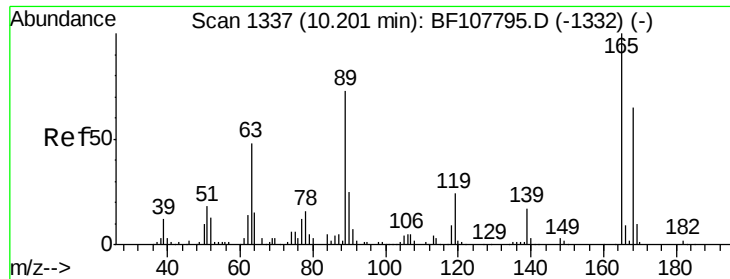


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1

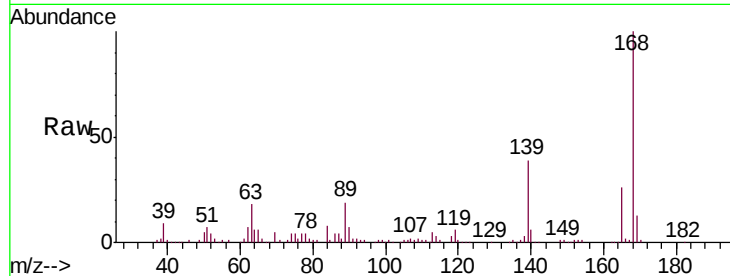




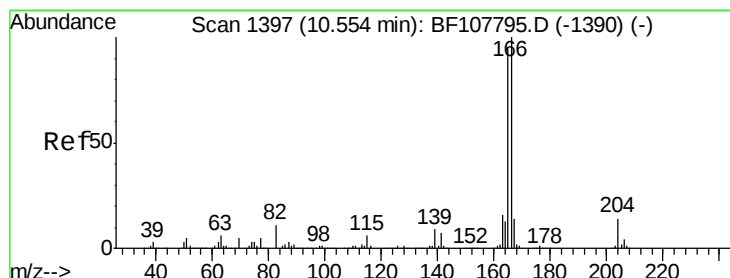
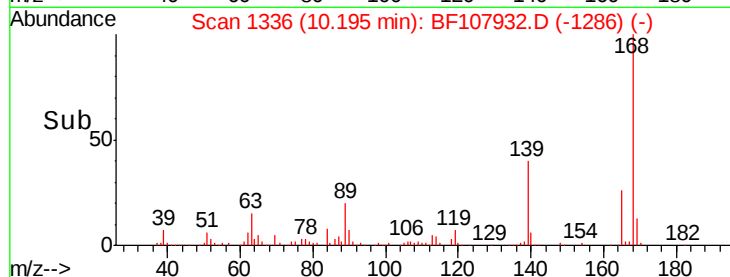
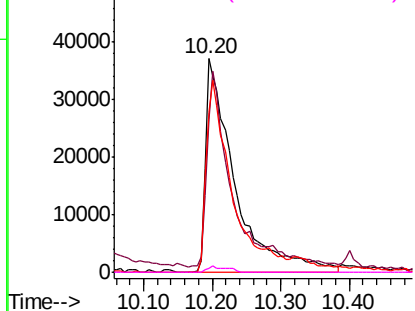
#56
2,4-Dinitrotoluene
Concen: 29.857 ng
RT: 10.20 min Scan# 1336
Delta R.T. -0.01 min
Lab File: BF107932.D
Acq: 3 Aug 2018 3:31

Instrument :
BNA_F
ClientSampled :

Tgt Ion	Ratio	Lower	Upper
165	100		
63	71.5	36.4	54.6#
89	75.1	57.8	86.6
182	1.5	1.6	2.4#

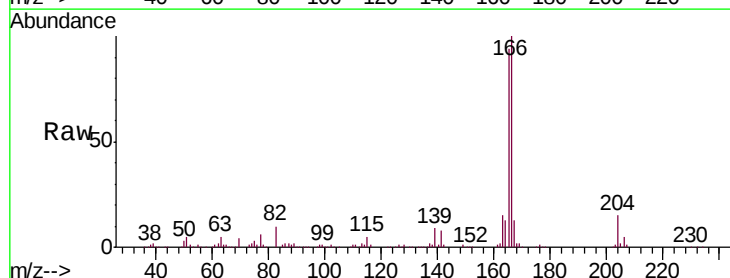


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

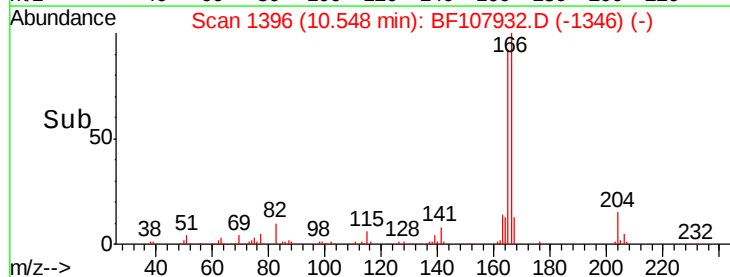
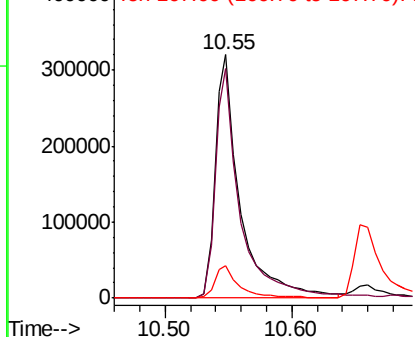


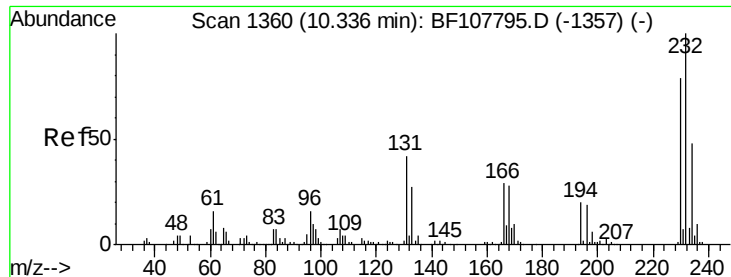
#57
Fluorene
Concen: 34.271 ng
RT: 10.55 min Scan# 1396
Delta R.T. -0.01 min
Lab File: BF107932.D
Acq: 3 Aug 2018 3:31

Tgt Ion	Ratio	Lower	Upper
166	100		
165	94.5	79.8	119.8
167	13.1	10.6	16.0



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

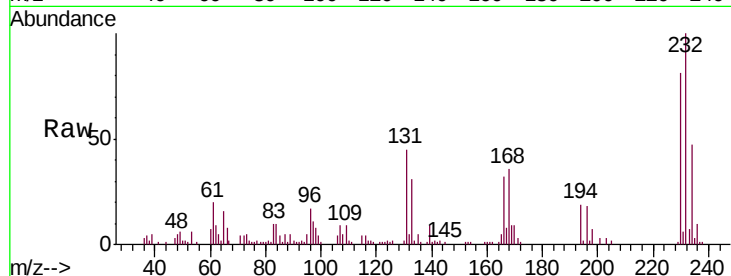




#58
 2,3,4,6-Tetrachlorophenol
 Concen: 30.986 ng
 RT: 10.32 min Scan# 1358
 Delta R.T. -0.01 min
 Lab File: BF107932.D
 Acq: 3 Aug 2018 3:31

Instrument :
 BNA_F
 ClientSampled :

Tgt Ion	Ratio	Lower	Upper
232	100		
131	37.6	43.8	65.8#
130	1.6	2.1	3.1#
166	27.2	27.8	41.6#



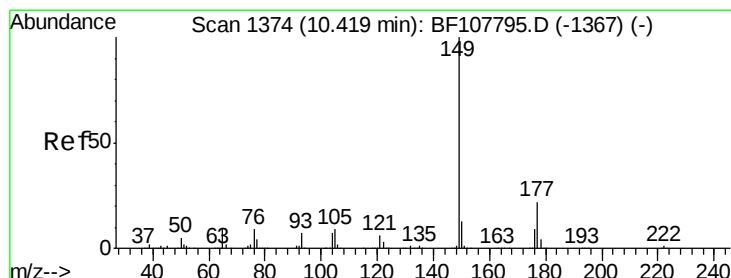
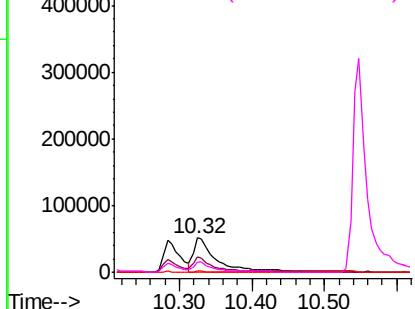
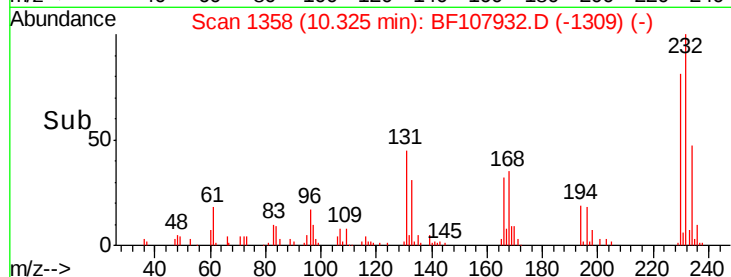
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

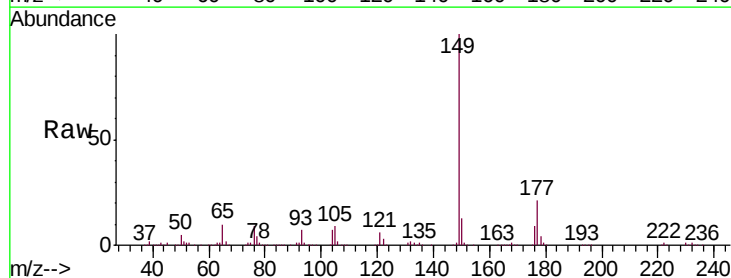
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#59
 Diethylphthalate
 Concen: 37.566 ng
 RT: 10.40 min Scan# 1371
 Delta R.T. -0.02 min
 Lab File: BF107932.D
 Acq: 3 Aug 2018 3:31

Tgt Ion	Ratio	Lower	Upper
149	100		
177	20.7	16.1	24.1
150	12.7	10.1	15.1

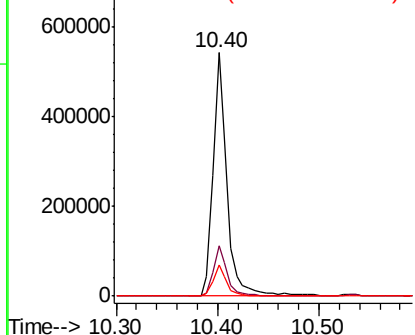
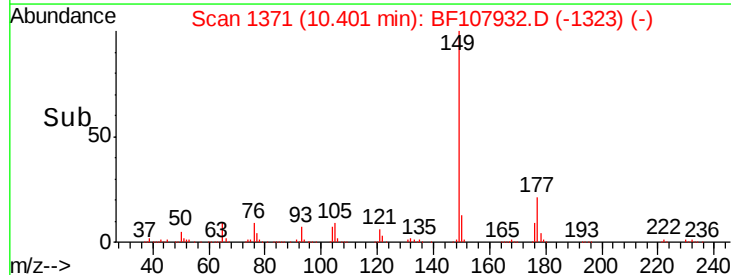


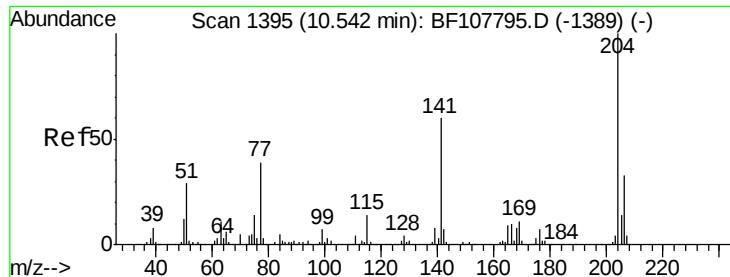
Abundance

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

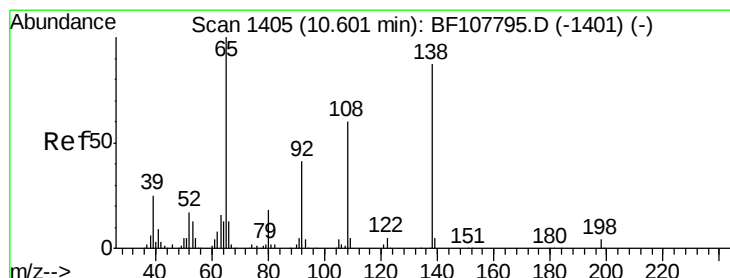
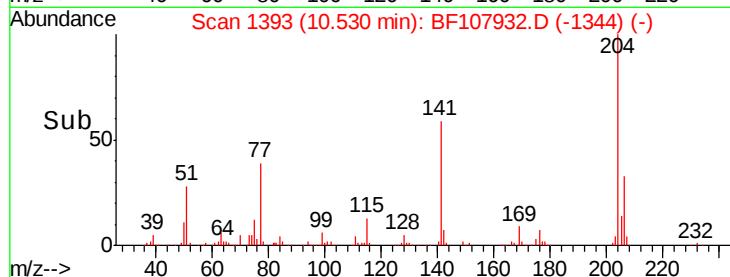
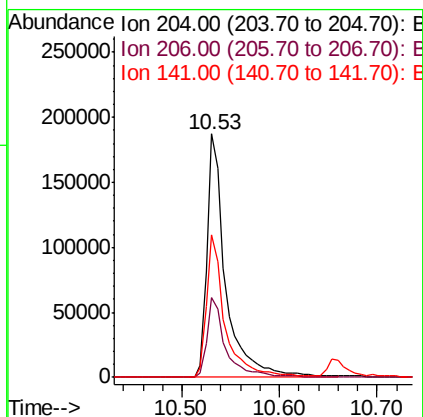
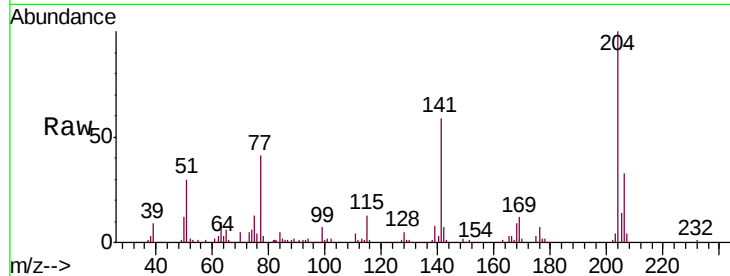




#60
4-Chlorophenyl-phenylether
Concen: 36.069 ng
RT: 10.53 min Scan# 1393
Delta R.T. -0.01 min
Lab File: BF107932.D
Acq: 3 Aug 2018 3:31

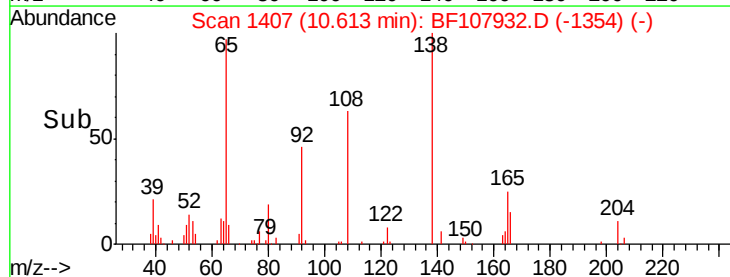
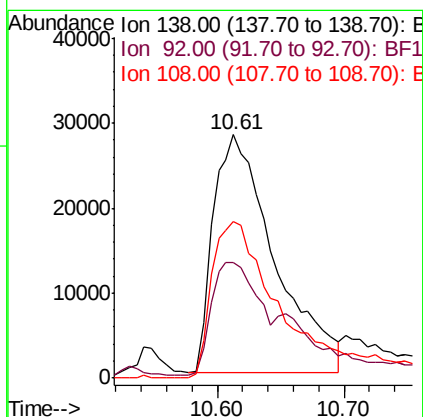
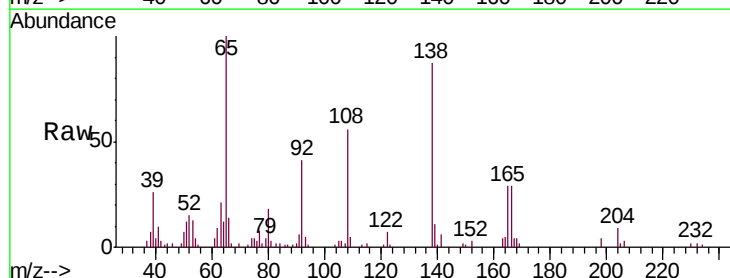
Instrument :
BNA_F
ClientSampled :

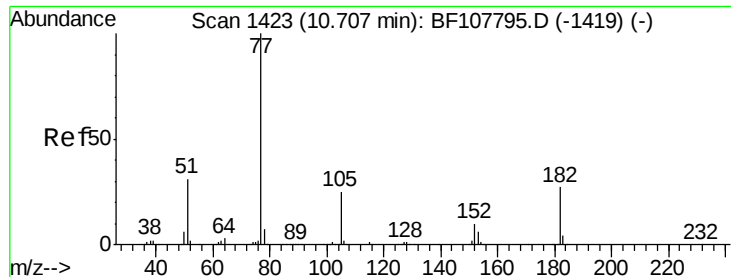
Tgt Ion:204 Resp: 250659
Ion Ratio Lower Upper
204 100
206 32.6 26.5 39.7
141 58.6 54.6 81.8



#61
4-Nitroaniline
Concen: 30.263 ng
RT: 10.61 min Scan# 1407
Delta R.T. 0.01 min
Lab File: BF107932.D
Acq: 3 Aug 2018 3:31

Tgt Ion:138 Resp: 94912
Ion Ratio Lower Upper
138 100
92 47.7 30.2 70.2
108 64.5 52.5 92.5

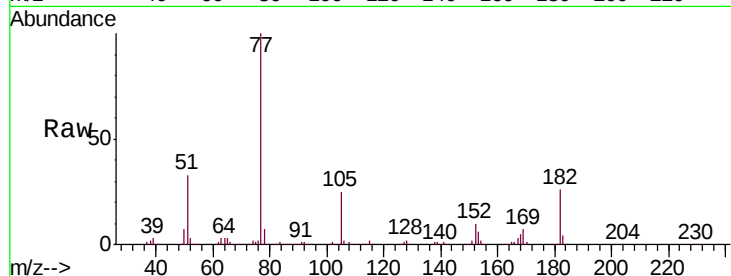




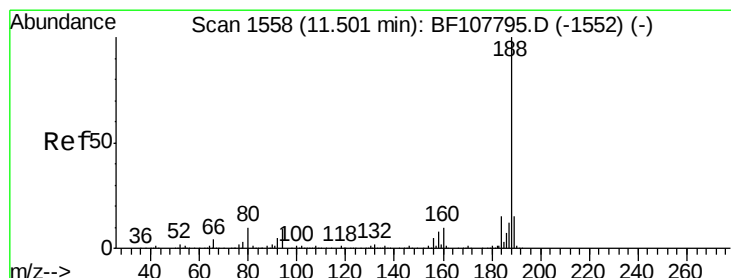
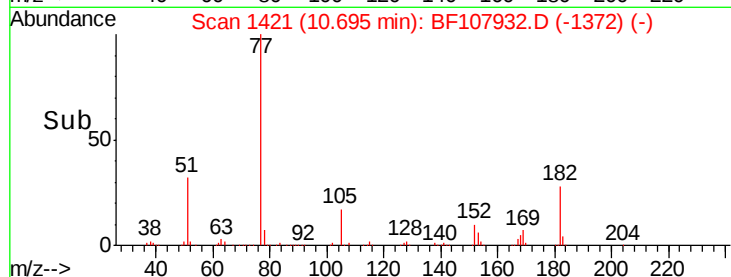
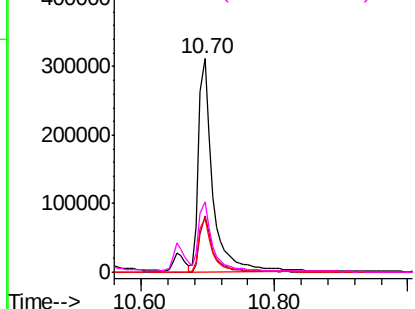
#62
Azobenzene
Concen: 34.169 ng
RT: 10.70 min Scan# 1421
Delta R.T. -0.01 min
Lab File: BF107932.D
Acq: 3 Aug 2018 3:31

Instrument :
BNA_F
ClientSampled :

Tgt Ion: 77 Resp: 441553
Ion Ratio Lower Upper
77 100
182 26.4 1.7 41.7
105 25.0 3.0 43.0
51 32.9 9.9 49.9

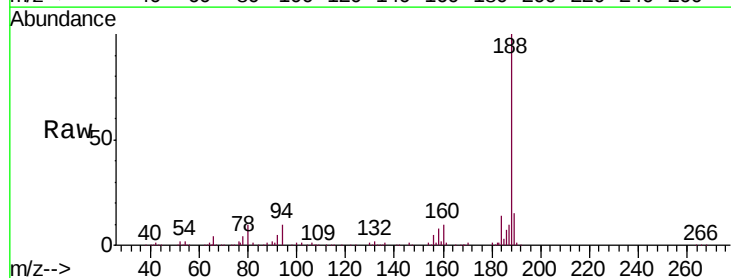


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

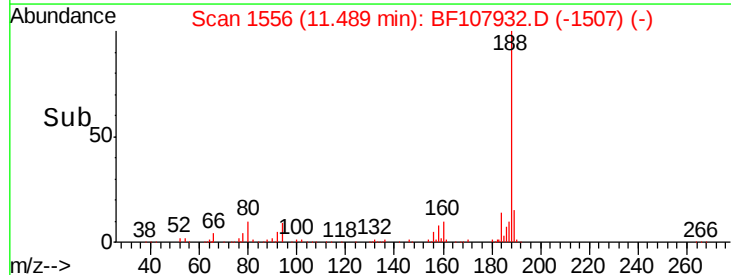
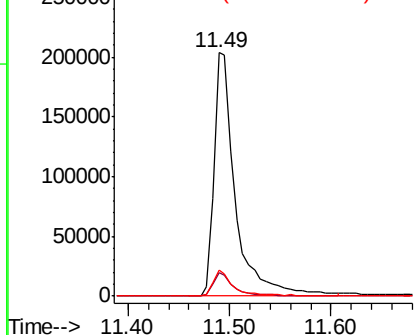


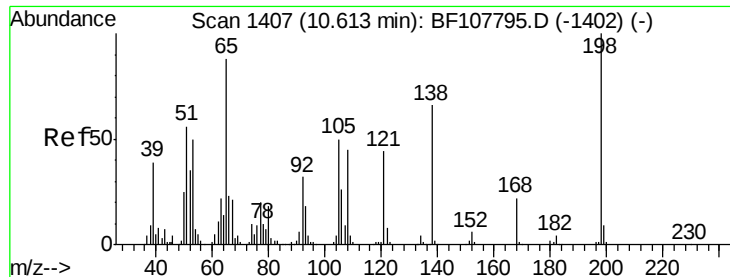
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.49 min Scan# 1556
Delta R.T. -0.01 min
Lab File: BF107932.D
Acq: 3 Aug 2018 3:31

Tgt Ion: 188 Resp: 300519
Ion Ratio Lower Upper
188 100
94 9.7 8.5 12.7
80 10.4 9.2 13.8



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

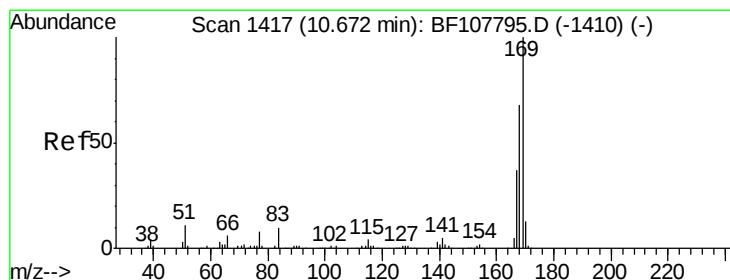
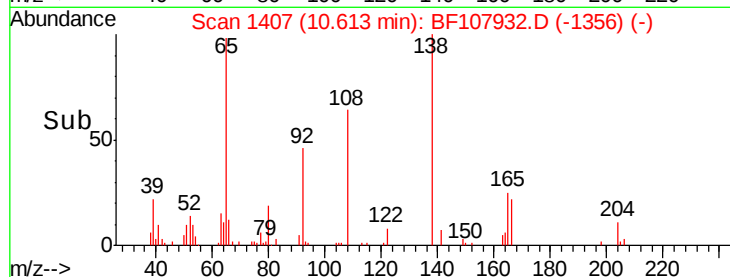
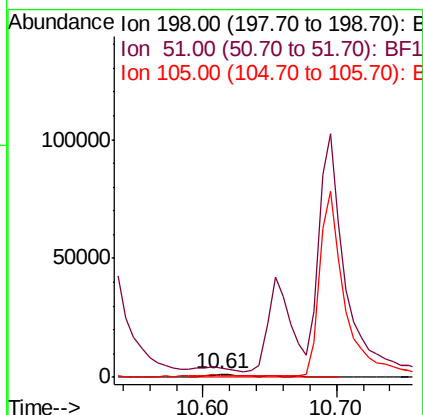
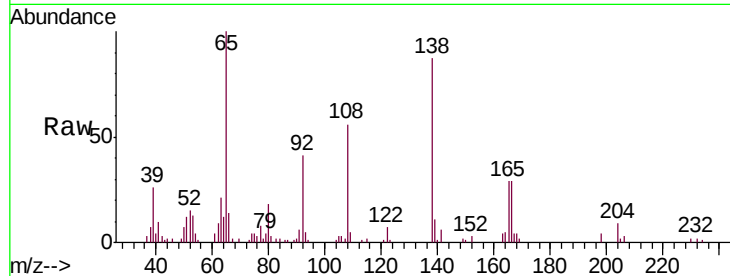




#64
 4,6-Dinitro-2-methylphenol
 Concen: 2.209 ng
 RT: 10.61 min Scan# 1407
 Delta R.T. 0.00 min
 Lab File: BF107932.D
 Acq: 3 Aug 2018 3:31

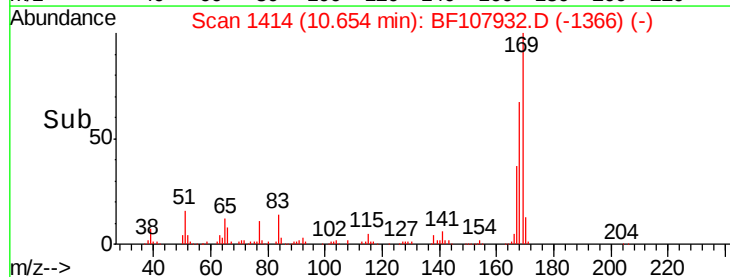
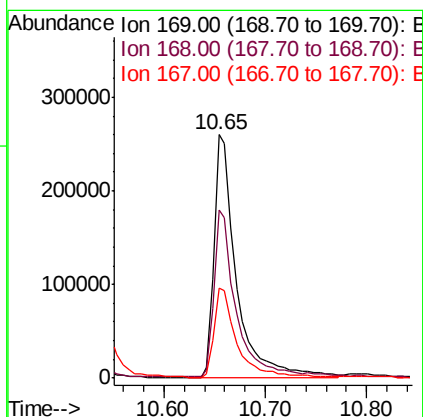
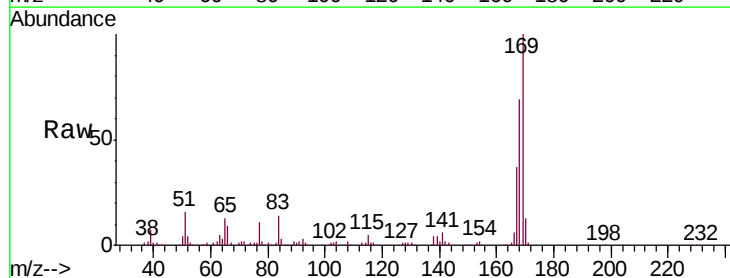
Instrument :
 BNA_F
 ClientSampled :

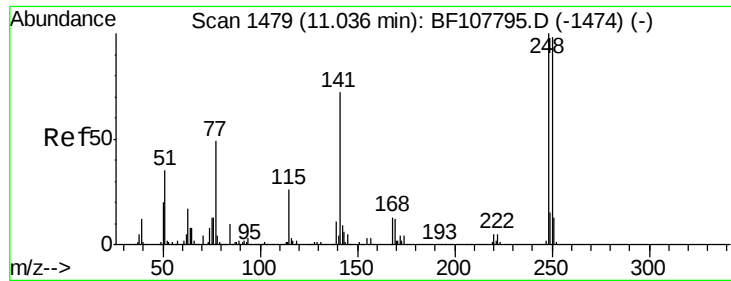
Tgt Ion:198 Resp: 3611
 Ion Ratio Lower Upper
 198 100
 51 285.2 37.7 77.7#
 105 60.2 36.3 76.3



#65
 n-Nitrosodiphenylamine
 Concen: 40.811 ng
 RT: 10.65 min Scan# 1414
 Delta R.T. -0.02 min
 Lab File: BF107932.D
 Acq: 3 Aug 2018 3:31

Tgt Ion:169 Resp: 403836
 Ion Ratio Lower Upper
 169 100
 168 69.0 54.4 81.6
 167 37.2 29.8 44.6

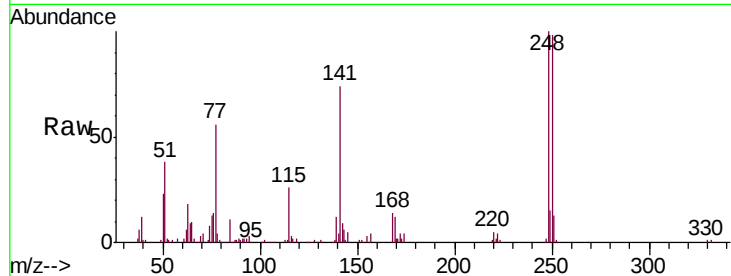




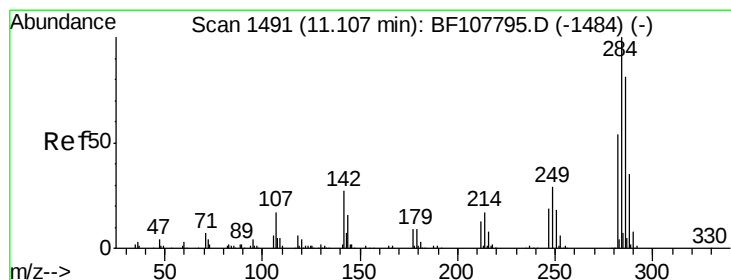
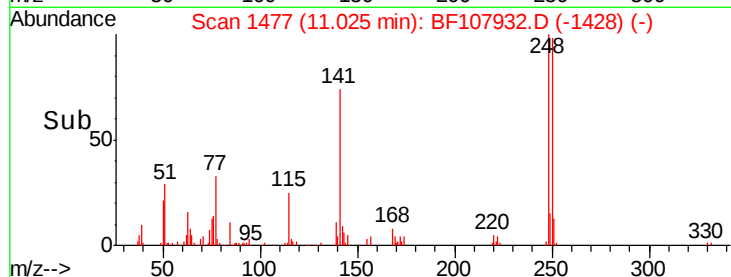
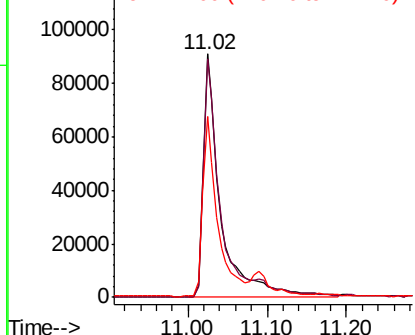
#66
 4-Bromophenyl-phenylether
 Concen: 40.303 ng
 RT: 11.02 min Scan# 1477
 Delta R.T. -0.01 min
 Lab File: BF107932.D
 Acq: 3 Aug 2018 3:31

Instrument :
 BNA_F
 ClientSampleId :

Tgt Ion:248 Resp: 141171
 Ion Ratio Lower Upper
 248 100
 250 98.2 76.9 115.3
 141 74.5 74.4 111.6

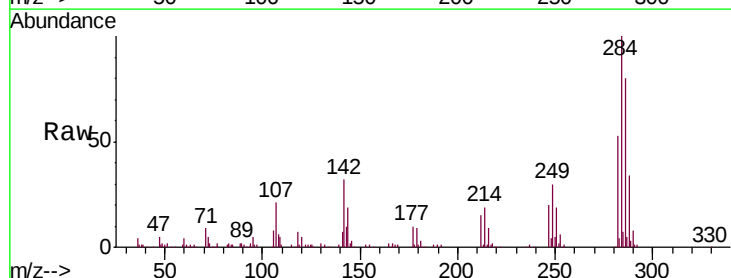


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

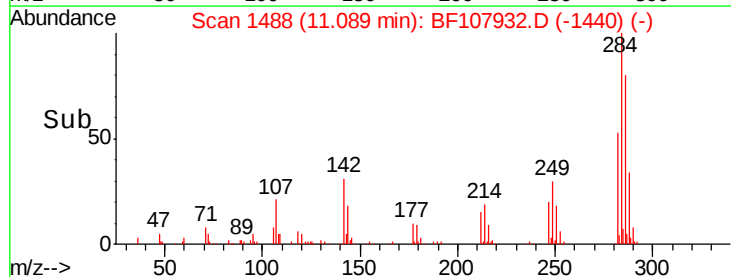
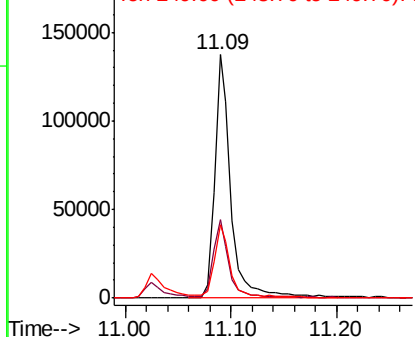


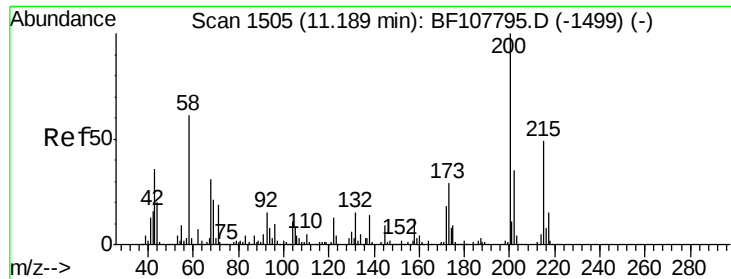
#67
 Hexachlorobenzene
 Concen: 38.190 ng
 RT: 11.09 min Scan# 1488
 Delta R.T. -0.02 min
 Lab File: BF107932.D
 Acq: 3 Aug 2018 3:31

Tgt Ion:284 Resp: 148335
 Ion Ratio Lower Upper
 284 100
 142 32.1 34.6 52.0#
 249 30.3 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

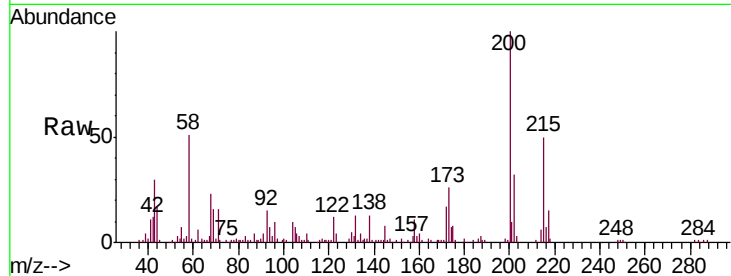




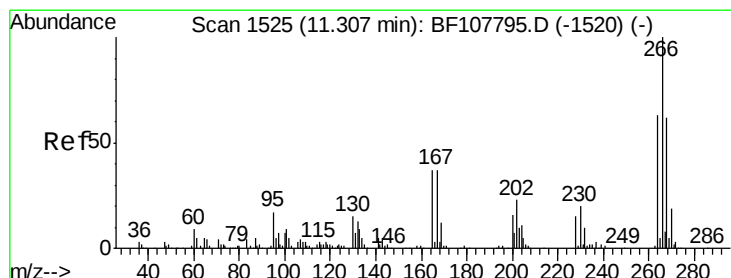
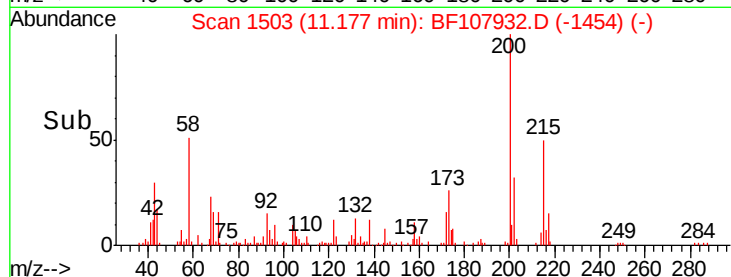
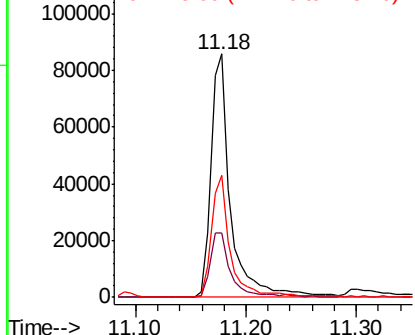
#68
Atrazine
Concen: 35.397 ng
RT: 11.18 min Scan# 1503
Delta R.T. -0.01 min
Lab File: BF107932.D
Acq: 3 Aug 2018 3:31

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:200 Resp: 103667
Ion Ratio Lower Upper
200 100
173 26.3 8.6 48.6
215 50.0 25.1 65.1

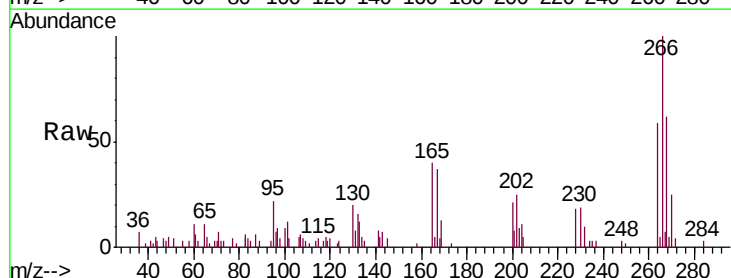


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

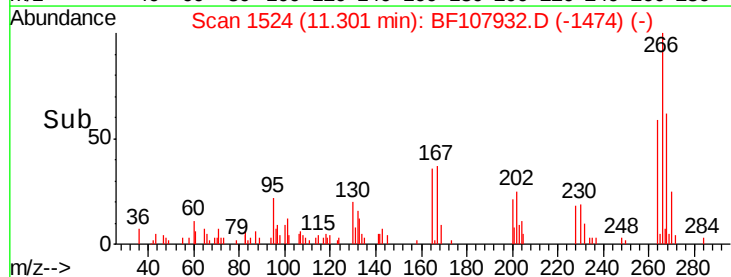
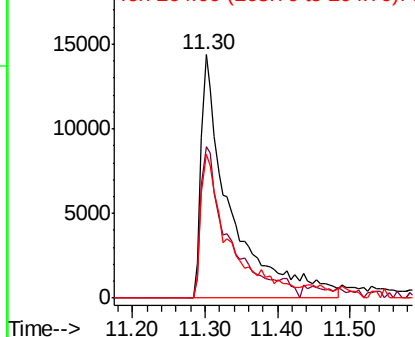


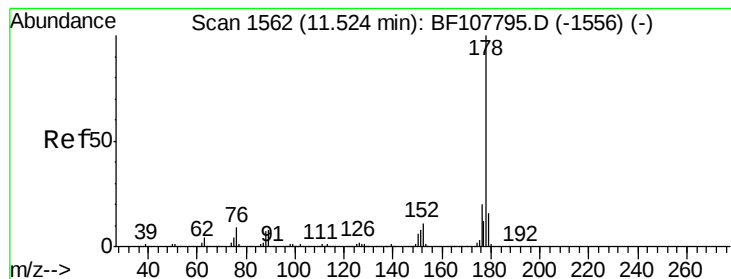
#69
Pentachlorophenol
Concen: 21.187 ng
RT: 11.30 min Scan# 1524
Delta R.T. -0.01 min
Lab File: BF107932.D
Acq: 3 Aug 2018 3:31

Tgt Ion:266 Resp: 40512
Ion Ratio Lower Upper
266 100
268 62.4 51.1 76.7
264 59.3 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: 38.046 ng

RT: 11.51 min Scan# 1560

Delta R.T. -0.01 min

Lab File: BF107932.D

Acq: 3 Aug 2018 3:31

Instrument :

BNA_F

ClientSampleId :

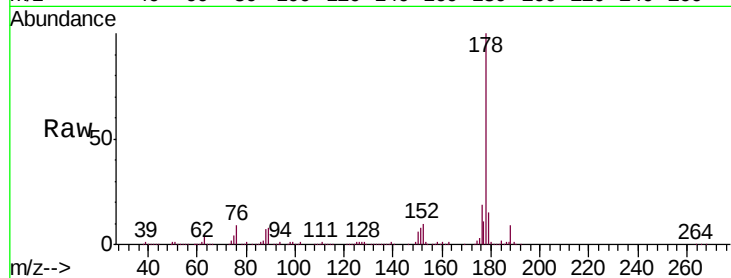
Tgt Ion:178 Resp: 542898

Ion Ratio Lower Upper

178 100

176 18.8 15.8 23.8

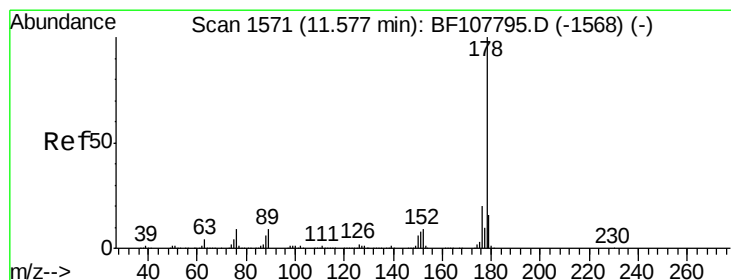
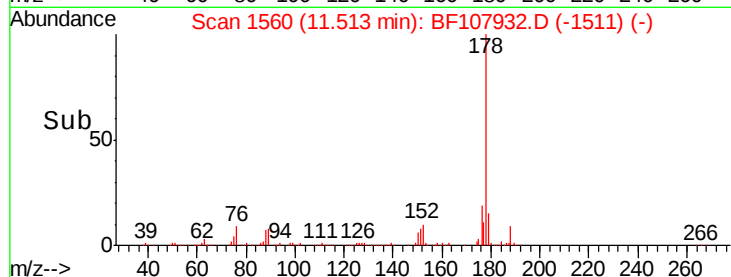
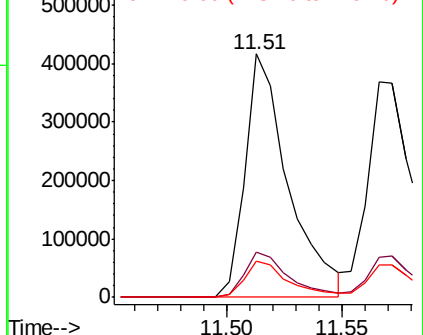
179 14.9 13.0 19.6



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: 41.381 ng

RT: 11.57 min Scan# 1569

Delta R.T. -0.01 min

Lab File: BF107932.D

Acq: 3 Aug 2018 3:31

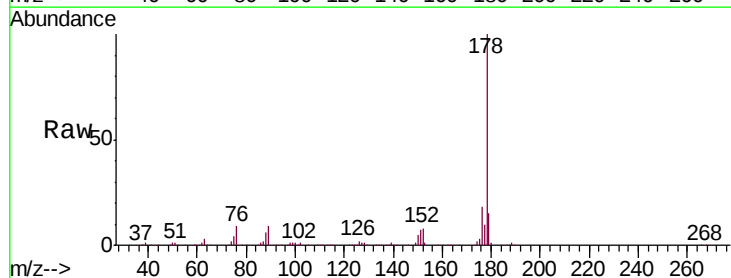
Tgt Ion:178 Resp: 681093

Ion Ratio Lower Upper

178 100

176 18.4 15.4 23.2

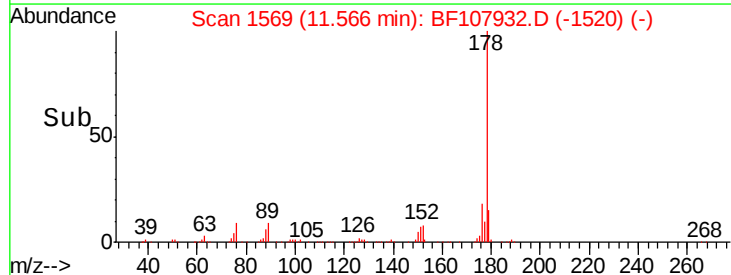
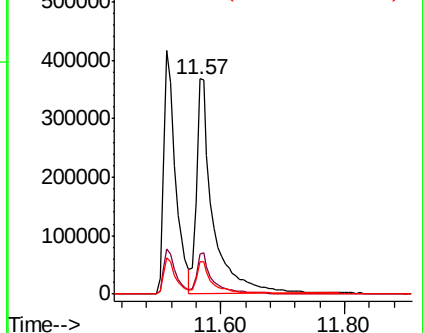
179 15.1 12.6 19.0

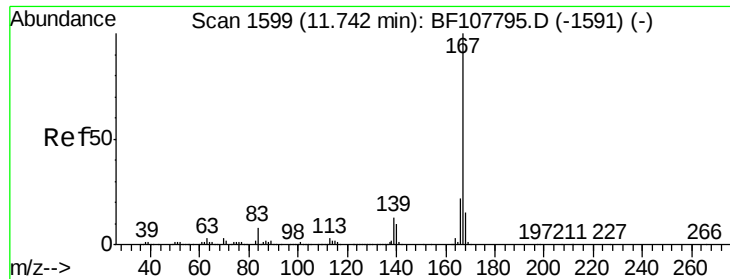


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

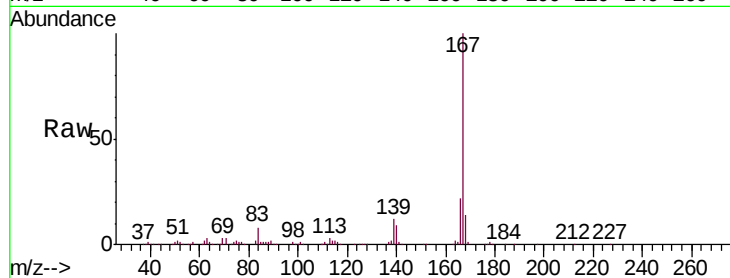




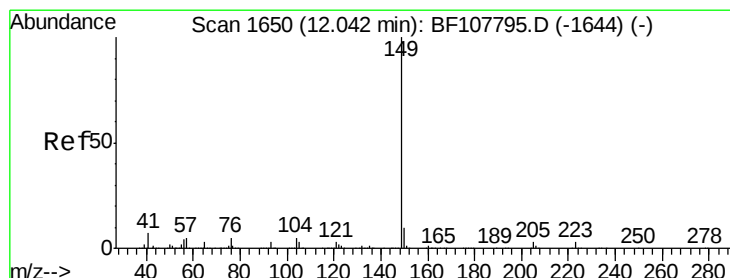
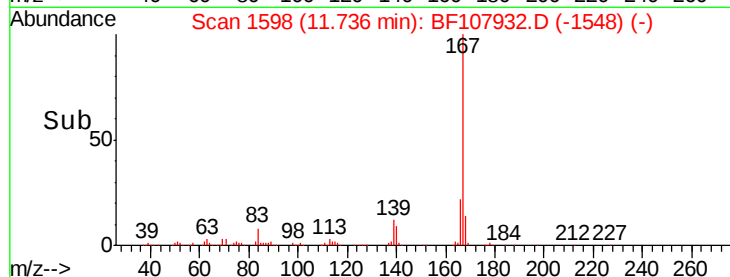
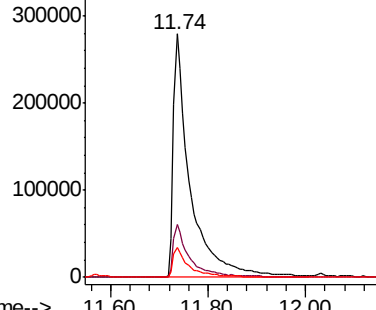
#72
 Carbazole
 Concen: 41.430 ng
 RT: 11.74 min Scan# 1598
 Delta R.T. -0.01 min
 Lab File: BF107932.D
 Acq: 3 Aug 2018 3:31

Instrument :
 BNA_F
 ClientSampleId :

Tgt Ion:167 Resp: 673872
 Ion Ratio Lower Upper
 167 100
 166 21.5 17.6 26.4
 139 12.5 10.9 16.3

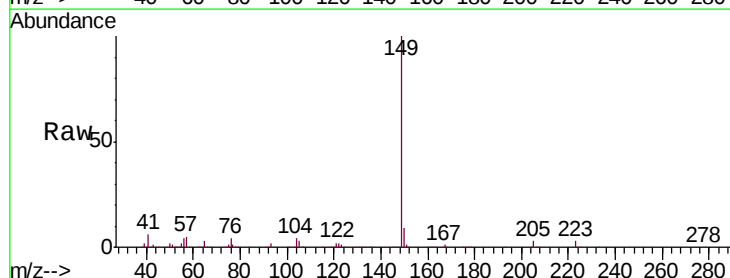


Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E

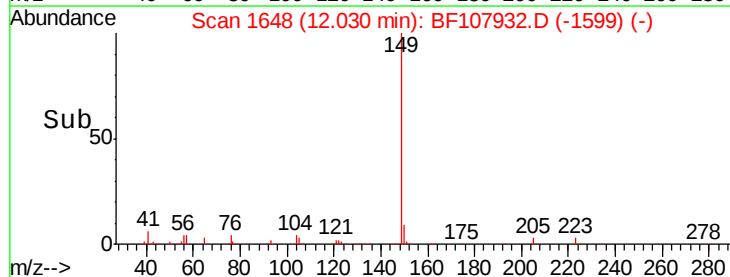
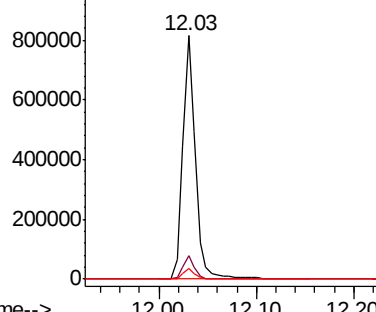


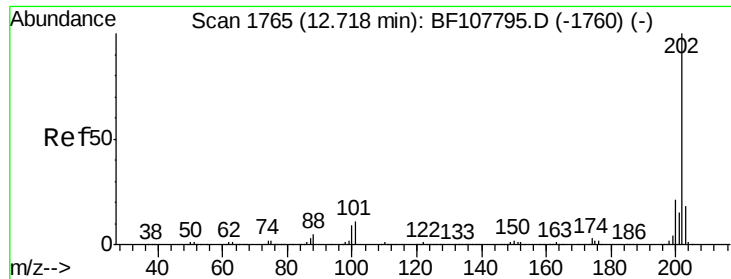
#73
 Di-n-butylphthalate
 Concen: 41.471 ng
 RT: 12.03 min Scan# 1648
 Delta R.T. -0.01 min
 Lab File: BF107932.D
 Acq: 3 Aug 2018 3:31

Tgt Ion:149 Resp: 735889
 Ion Ratio Lower Upper
 149 100
 150 9.4 7.8 11.6
 104 4.4 3.8 5.8



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 104.00 (103.70 to 104.70): E

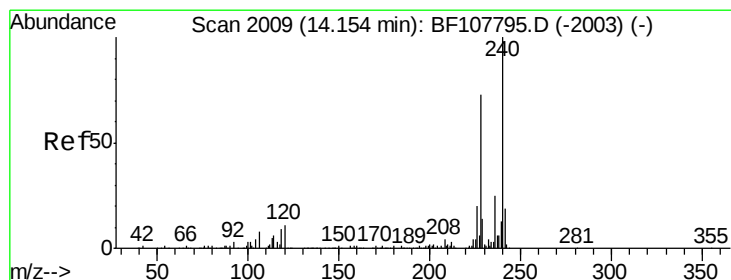
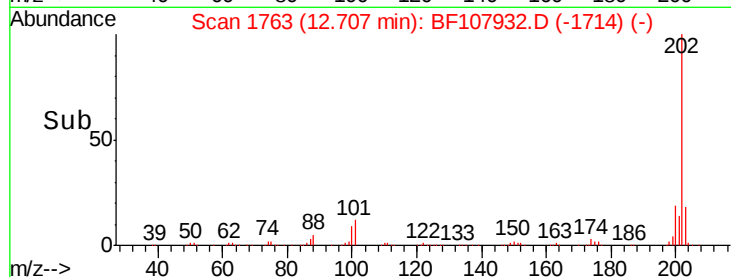
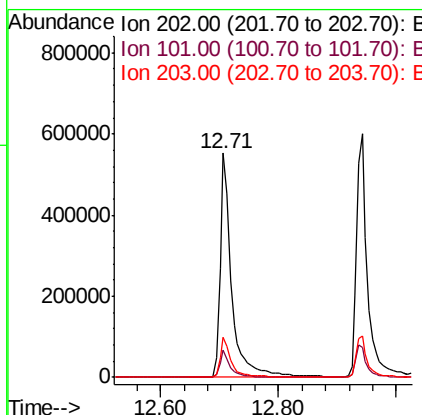
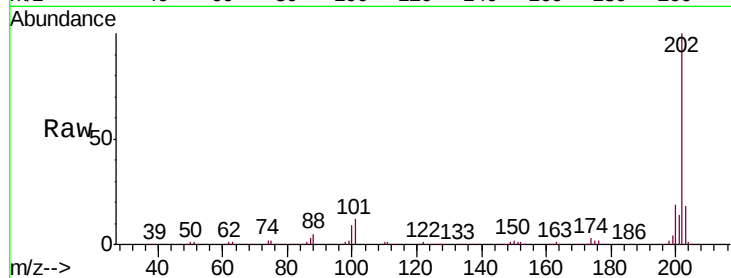




#74
 Fluoranthene
 Concen: 45.040 ng
 RT: 12.71 min Scan# 1763
 Delta R.T. -0.01 min
 Lab File: BF107932.D
 Acq: 3 Aug 2018 3:31

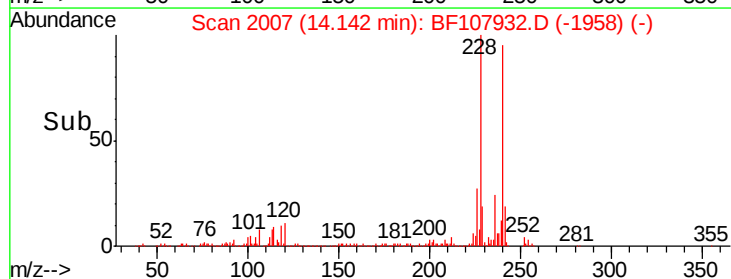
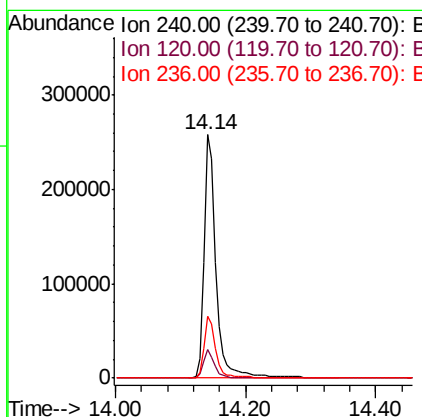
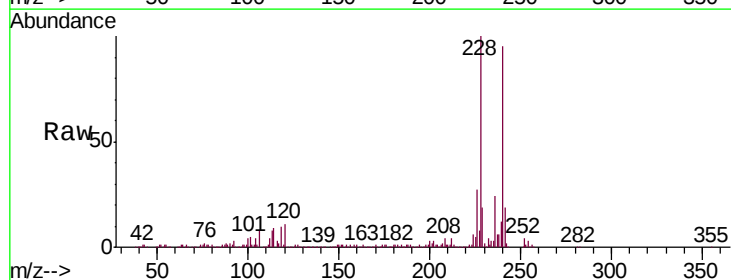
Instrument :
 BNA_F
 ClientSampleId :

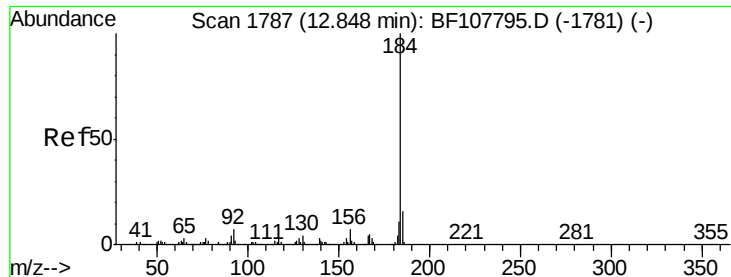
Tgt Ion	Ratio	Lower	Upper
202	100		
101	12.1	0.0	34.1
203	18.0	0.0	38.1



#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.14 min Scan# 2007
 Delta R.T. -0.01 min
 Lab File: BF107932.D
 Acq: 3 Aug 2018 3:31

Tgt Ion	Ratio	Lower	Upper
240	100		
120	11.8	9.5	14.3
236	25.4	20.7	31.1

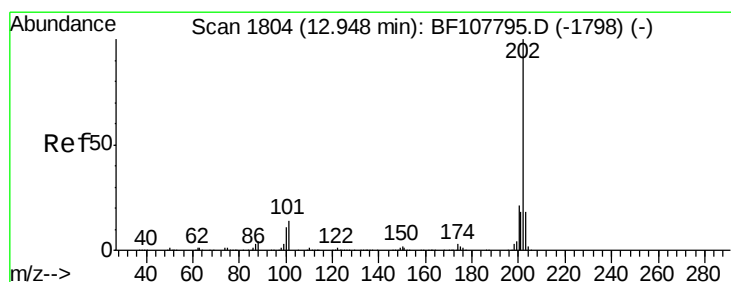
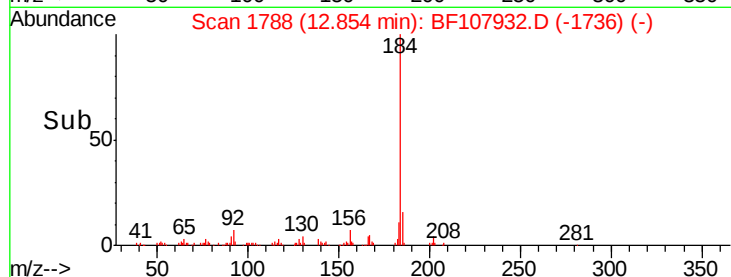
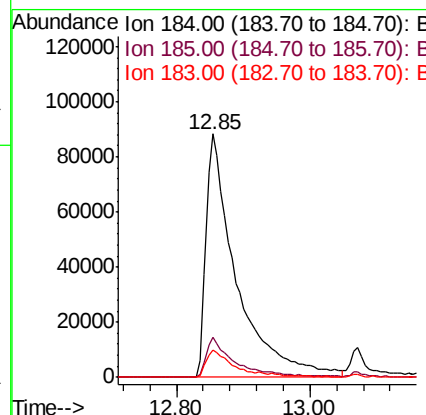
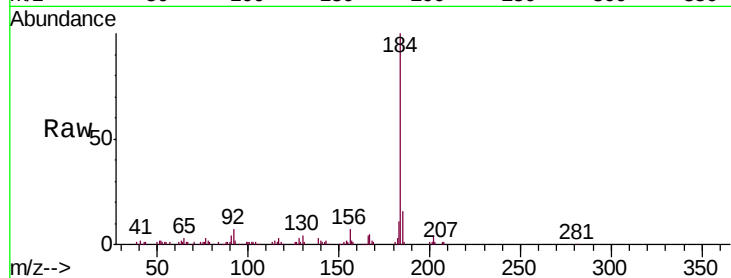




#76
Benzidine
Concen: 26.331 ng
RT: 12.85 min Scan# 1788
Delta R.T. 0.01 min
Lab File: BF107932.D
Acq: 3 Aug 2018 3:31

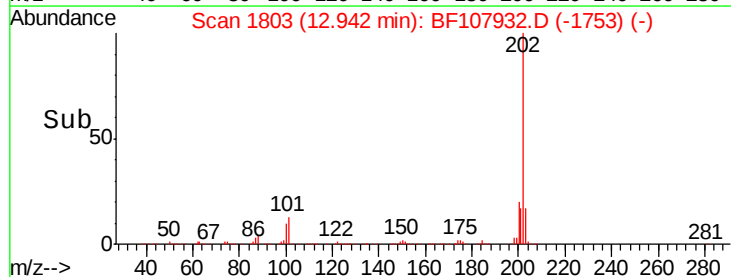
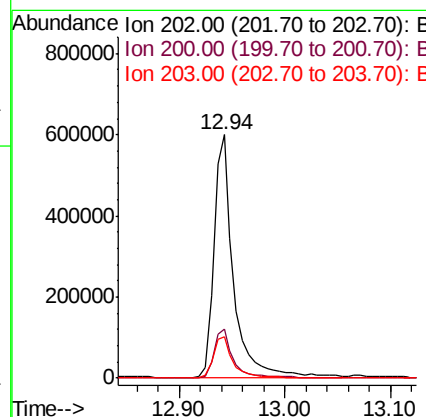
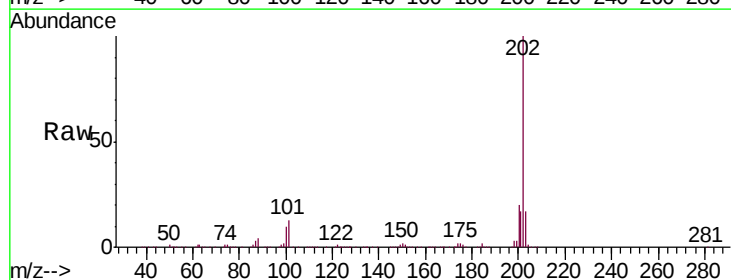
Instrument :
BNA_F
ClientSampleId :

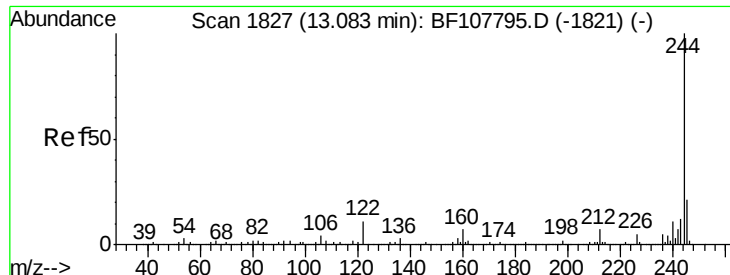
Tgt Ion:184 Resp: 278433
Ion Ratio Lower Upper
184 100
185 16.4 12.6 18.8
183 11.0 9.3 13.9



#77
Pyrene
Concen: 32.862 ng
RT: 12.94 min Scan# 1803
Delta R.T. -0.01 min
Lab File: BF107932.D
Acq: 3 Aug 2018 3:31

Tgt Ion:202 Resp: 773923
Ion Ratio Lower Upper
202 100
200 20.2 17.4 26.2
203 17.1 14.3 21.5





#78

Terphenyl-d14

Concen: 69.949 ng

RT: 13.07 min Scan# 1825

Delta R.T. -0.01 min

Lab File: BF107932.D

Acq: 3 Aug 2018 3:31

Instrument :

BNA_F

ClientSampleId :

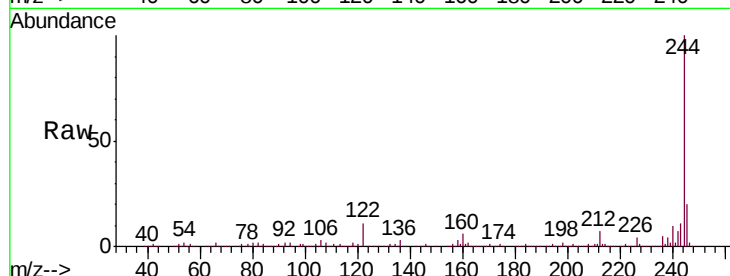
Tgt Ion:244 Resp: 1055008

Ion Ratio Lower Upper

244 100

212 6.6 5.4 8.0

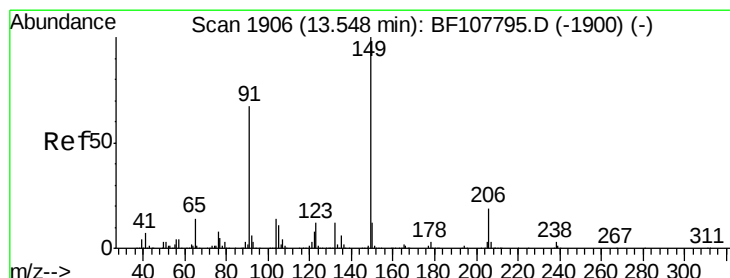
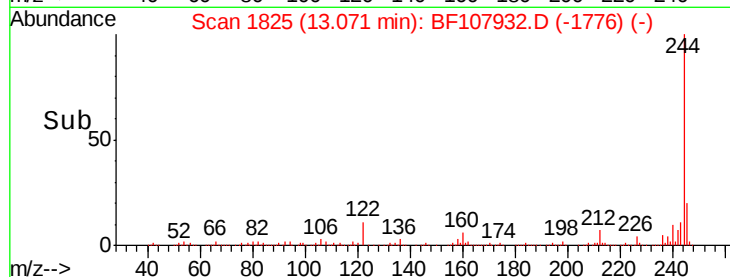
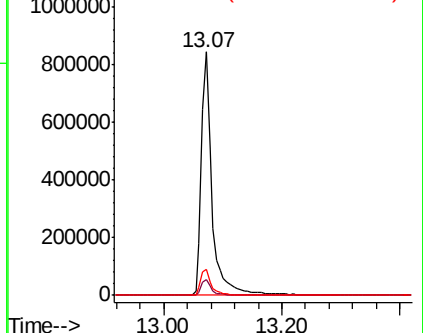
122 10.6 11.0 16.4#



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: 34.200 ng

RT: 13.54 min Scan# 1904

Delta R.T. -0.01 min

Lab File: BF107932.D

Acq: 3 Aug 2018 3:31

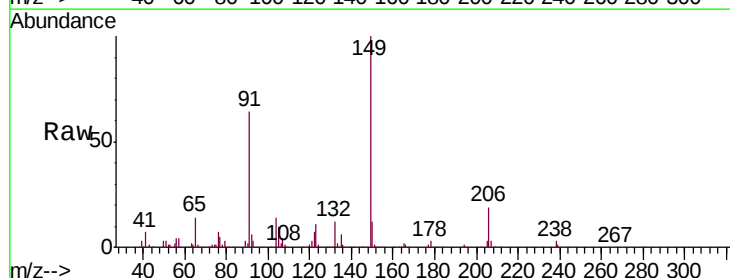
Tgt Ion:149 Resp: 352711

Ion Ratio Lower Upper

149 100

91 64.4 56.8 85.2

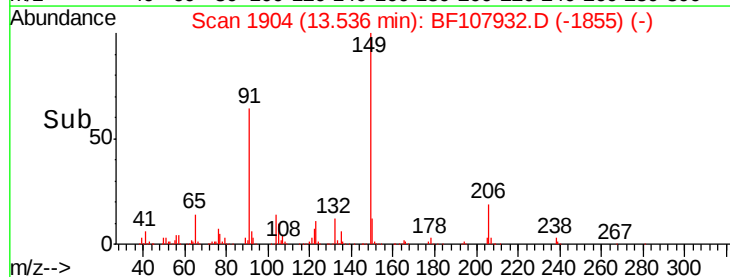
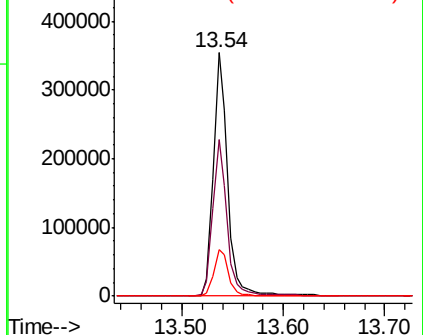
206 19.3 14.1 21.1

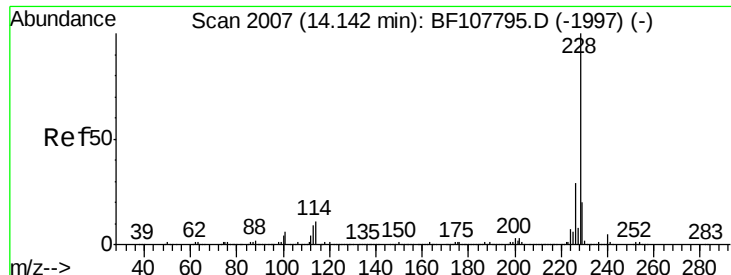


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#80

Benzo(a)anthracene

Concen: 36.502 ng

RT: 14.13 min Scan# 2005

Delta R.T. -0.01 min

Lab File: BF107932.D

Acq: 3 Aug 2018 3:31

Instrument :

BNA_F

ClientSampleId :

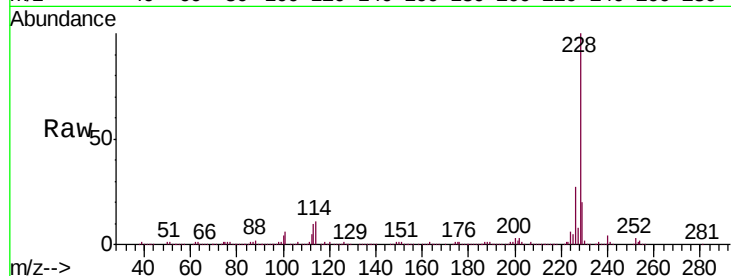
Tgt Ion:228 Resp: 676252

Ion Ratio Lower Upper

228 100

226 26.9 22.6 33.8

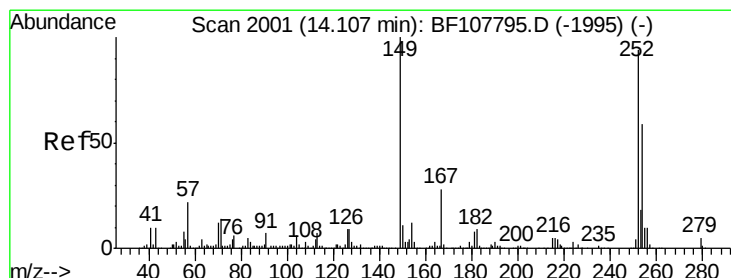
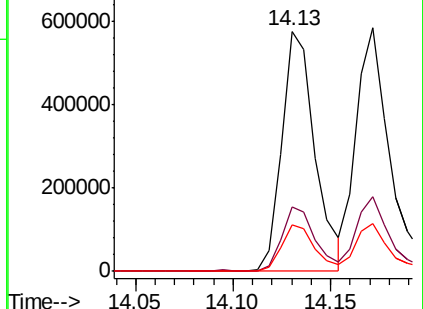
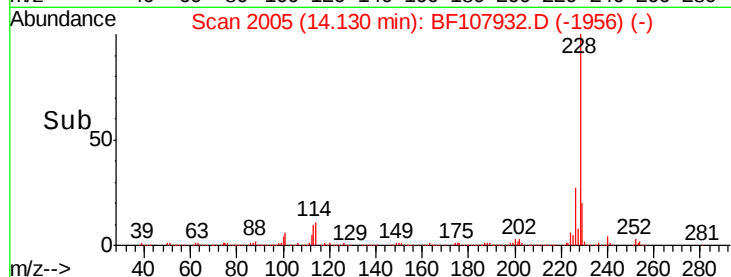
229 19.6 15.8 23.6



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#81

3,3'-Dichlorobenzidine

Concen: 36.838 ng

RT: 14.09 min Scan# 1999

Delta R.T. -0.01 min

Lab File: BF107932.D

Acq: 3 Aug 2018 3:31

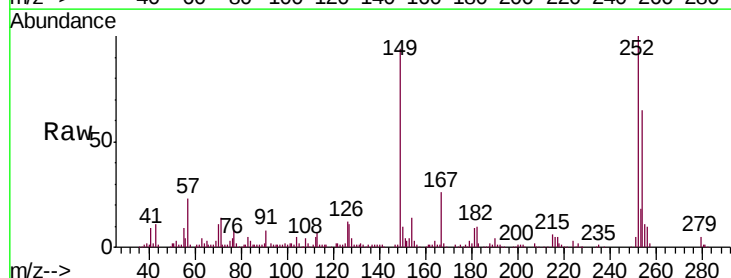
Tgt Ion:252 Resp: 264555

Ion Ratio Lower Upper

252 100

254 65.3 50.4 75.6

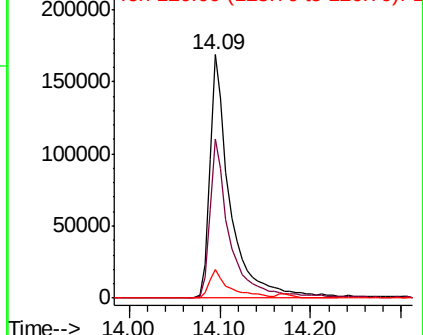
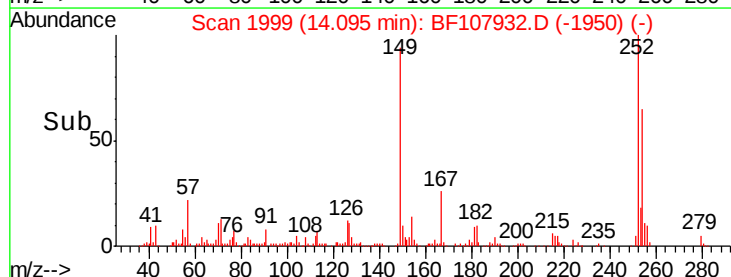
126 11.6 11.3 16.9

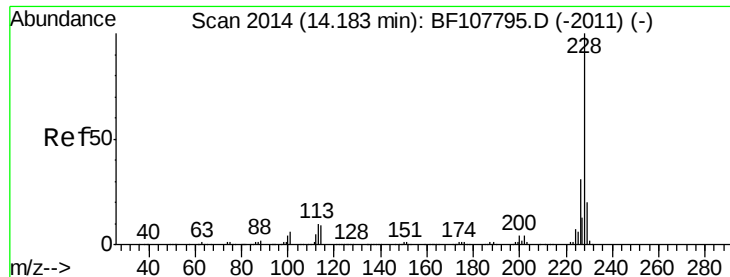


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#82

Chrysene

Concen: 38.642 ng

RT: 14.17 min Scan# 2012

Delta R.T. -0.01 min

Lab File: BF107932.D

Acq: 3 Aug 2018 3:31

Instrument :

BNA_F

ClientSampleId :

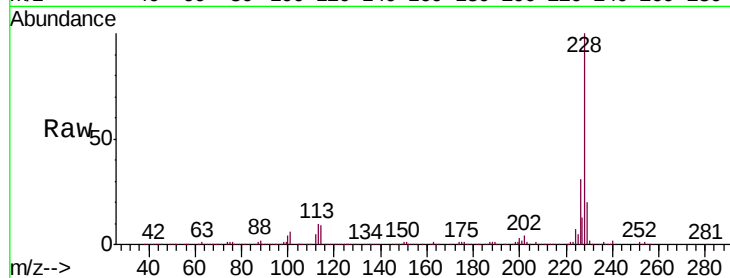
Tgt Ion: 228 Resp: 772161

Ion Ratio Lower Upper

228 100

226 30.6 25.0 37.6

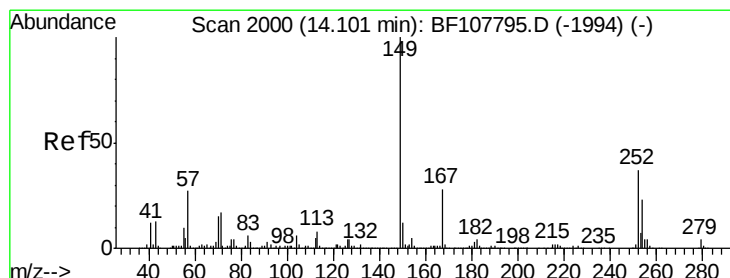
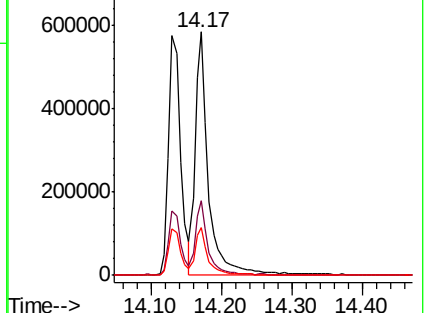
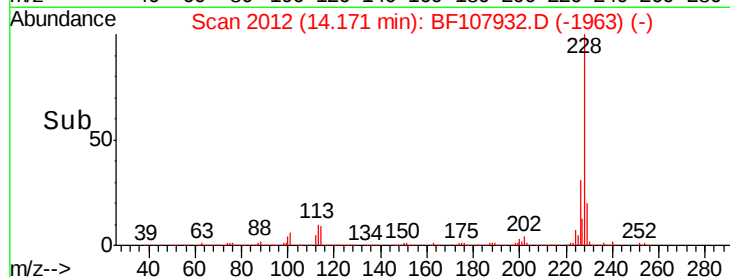
229 19.7 16.2 24.4



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#83

Bis(2-ethylhexyl)phthalate

Concen: 37.838 ng

RT: 14.08 min Scan# 1997

Delta R.T. -0.02 min

Lab File: BF107932.D

Acq: 3 Aug 2018 3:31

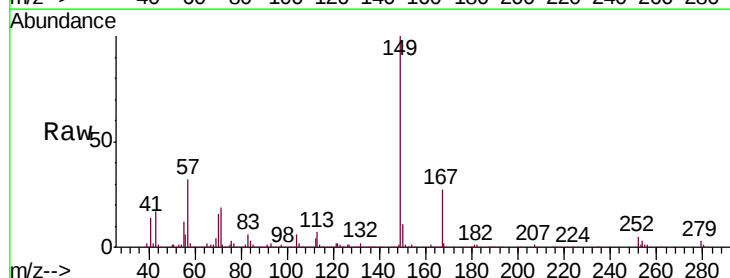
Tgt Ion: 149 Resp: 490561

Ion Ratio Lower Upper

149 100

167 26.7 21.3 31.9

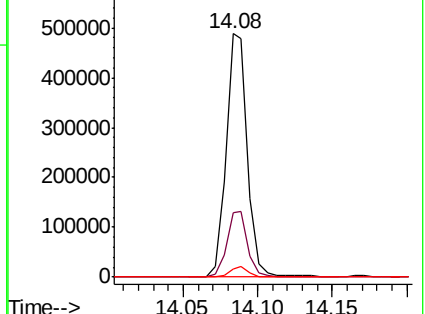
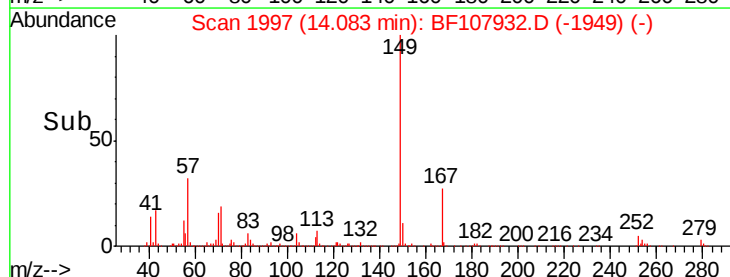
279 3.2 3.0 4.4

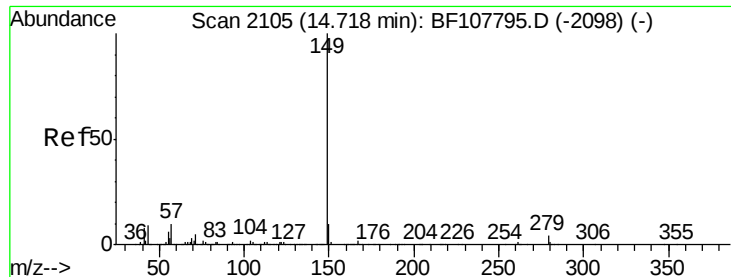


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

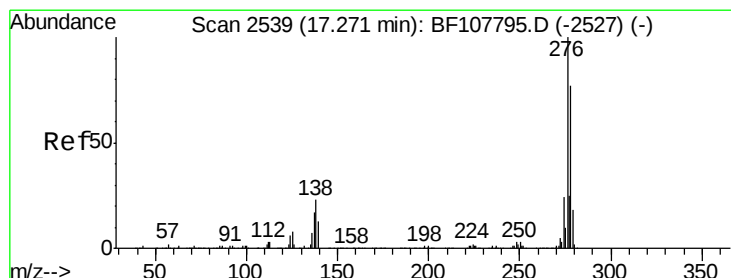
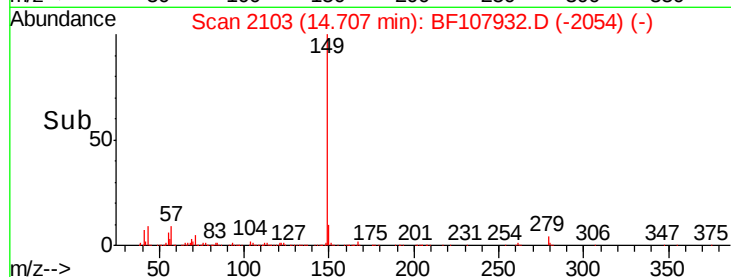
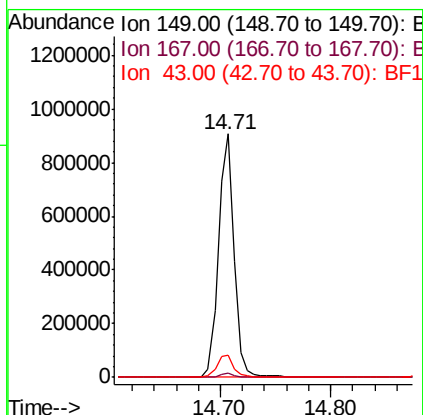
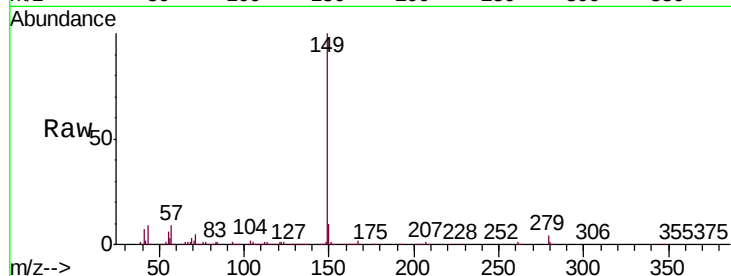




#84
Di-n-octyl phthalate
Concen: 42.586 ng
RT: 14.71 min Scan# 2103
Delta R.T. -0.01 min
Lab File: BF107932.D
Acq: 3 Aug 2018 3:31

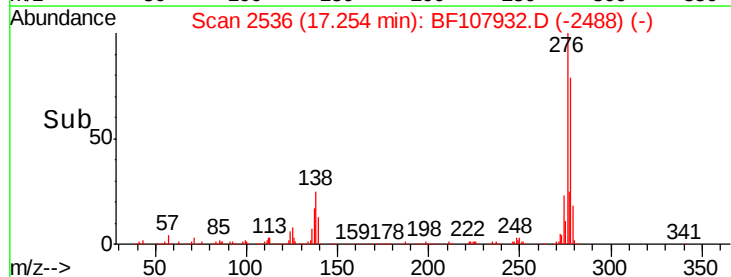
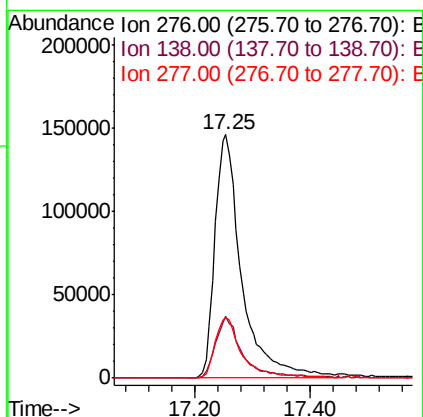
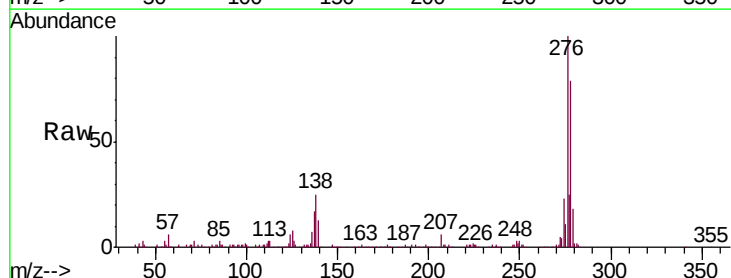
Instrument :
BNA_F
ClientSampled :

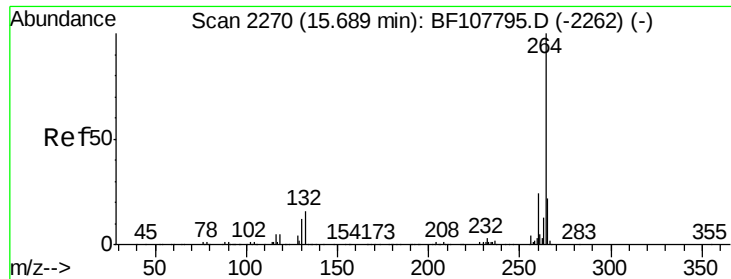
Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.2	1.8
43	9.5	8.4	12.6



#85
Indeno(1,2,3-cd)pyrene
Concen: 31.139 ng
RT: 17.25 min Scan# 2536
Delta R.T. -0.02 min
Lab File: BF107932.D
Acq: 3 Aug 2018 3:31

Tgt Ion	Ratio	Lower	Upper
276	100		
138	24.4	25.0	37.6#
277	25.1	20.1	30.1

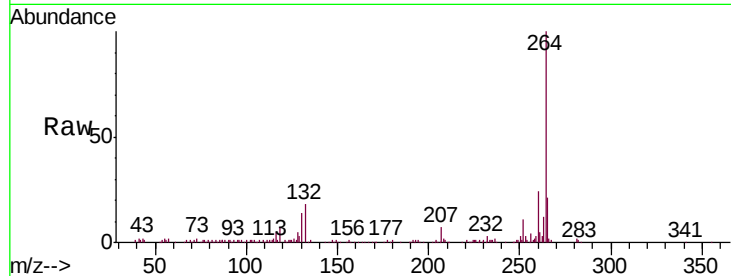




#86
Perylene-d12
Concen: 20.000 ng
RT: 15.67 min Scan# 2267
Delta R.T. -0.02 min
Lab File: BF107932.D
Acq: 3 Aug 2018 3:31

Instrument :
BNA_F
ClientSampleId :

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.2	28.8
265	21.3	17.5	26.3

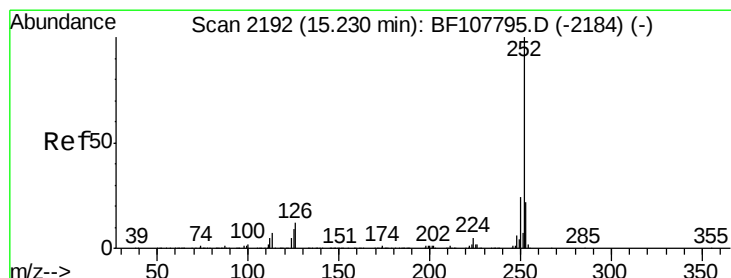
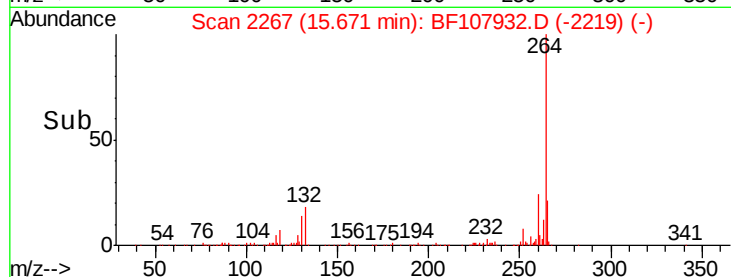
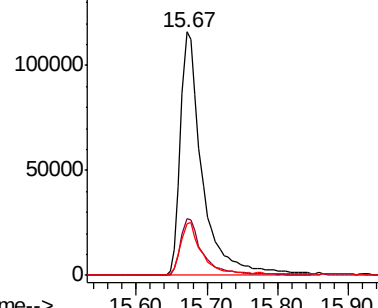


Abundance

Ion 264.00 (263.70 to 264.70): E

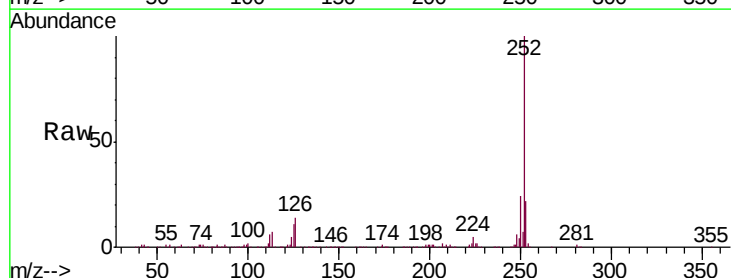
Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#87
Benzo(b)fluoranthene
Concen: 38.671 ng
RT: 15.21 min Scan# 2189
Delta R.T. -0.02 min
Lab File: BF107932.D
Acq: 3 Aug 2018 3:31

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.0	25.6
125	11.2	9.0	13.6

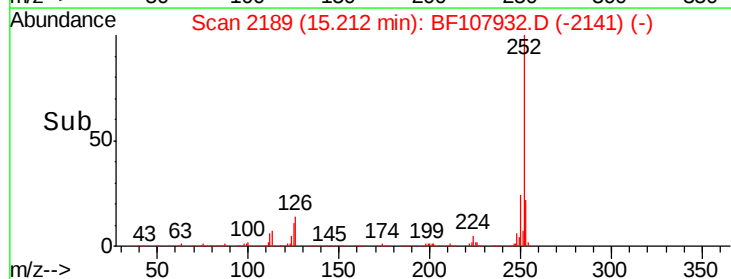
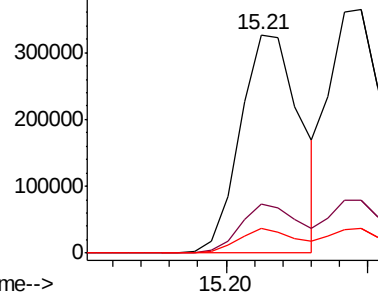


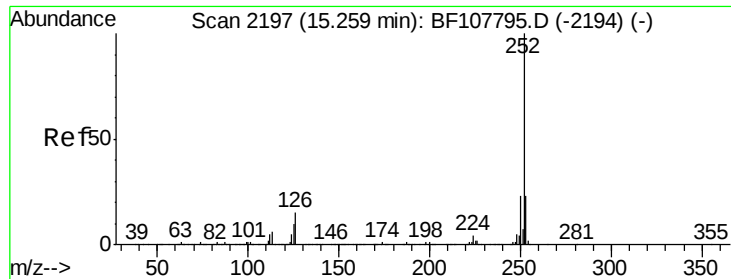
Abundance

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

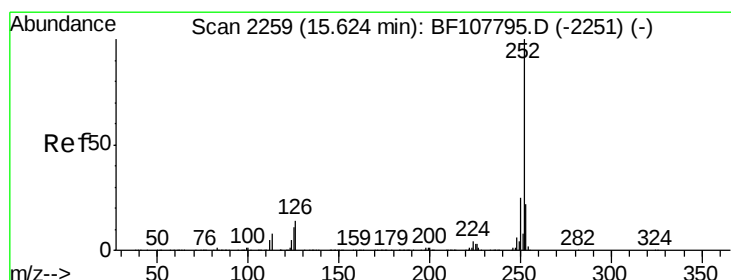
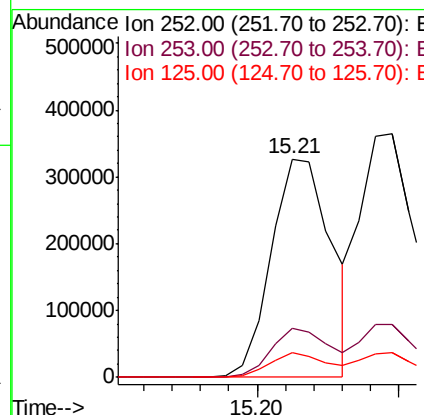
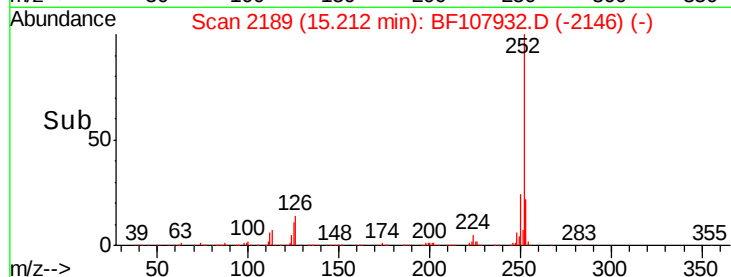
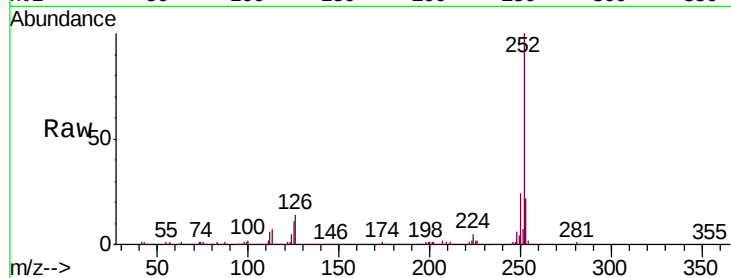




#88
Benzo(k)fluoranthene
Concen: 31.498 ng
RT: 15.21 min Scan# 2189
Delta R.T. -0.05 min
Lab File: BF107932.D
Acq: 3 Aug 2018 3:31

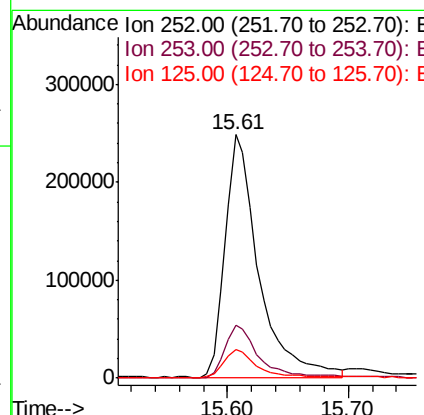
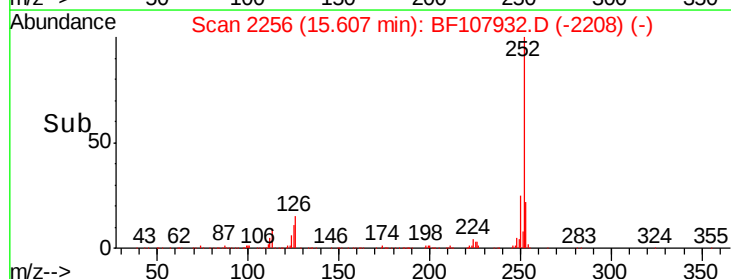
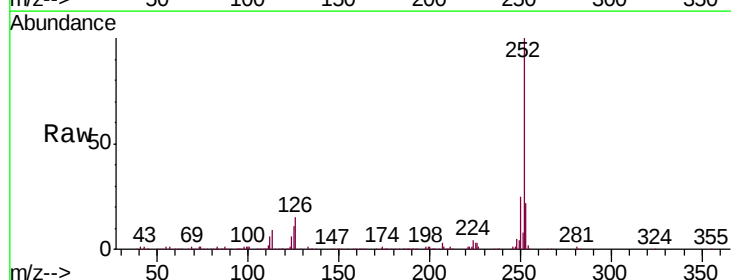
Instrument :
BNA_F
ClientSampled :

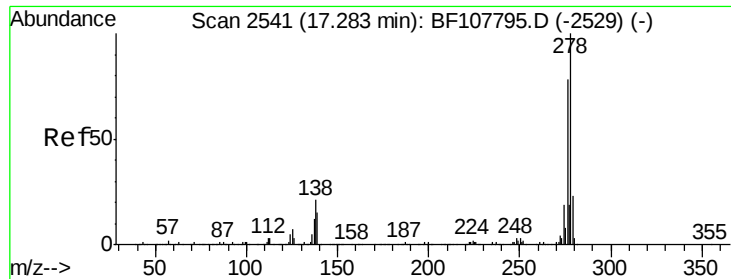
Tgt Ion:252 Resp: 482830
Ion Ratio Lower Upper
252 100
253 22.3 17.9 26.9
125 11.2 10.2 15.2



#89
Benzo(a)pyrene
Concen: 37.057 ng
RT: 15.61 min Scan# 2256
Delta R.T. -0.02 min
Lab File: BF107932.D
Acq: 3 Aug 2018 3:31

Tgt Ion:252 Resp: 477649
Ion Ratio Lower Upper
252 100
253 21.8 17.1 25.7
125 11.5 9.8 14.6





#90

Dibenzo(a,h)anthracene

Concen: 35.799 ng

RT: 17.26 min Scan# 2537

Delta R.T. -0.02 min

Lab File: BF107932.D

Acq: 3 Aug 2018 3:31

Instrument :

BNA_F

ClientSampleId :

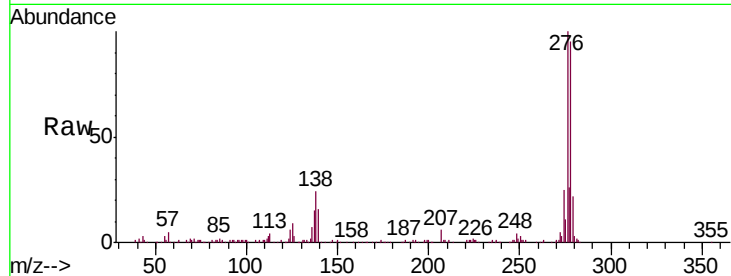
Tgt Ion:278 Resp: 402499

Ion Ratio Lower Upper

278 100

139 16.3 15.9 23.9

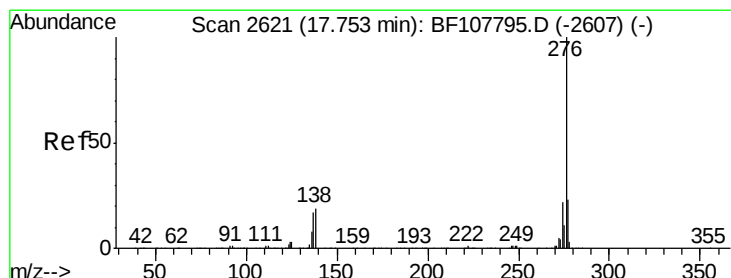
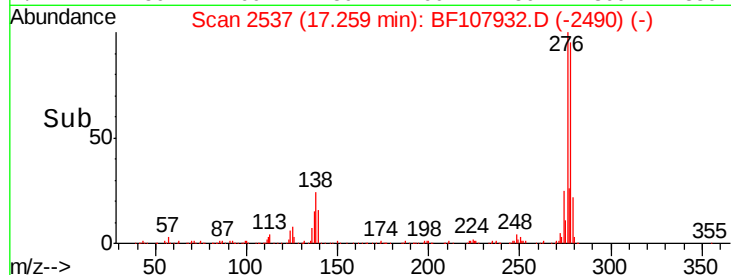
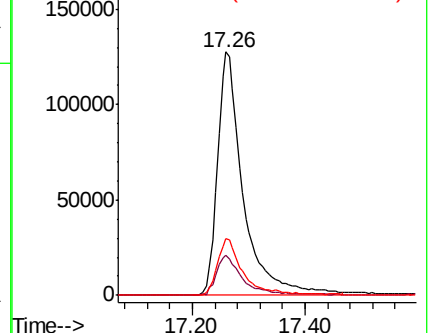
279 23.0 19.0 28.4



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(g,h,i)perylene

Concen: 34.434 ng

RT: 17.73 min Scan# 2617

Delta R.T. -0.02 min

Lab File: BF107932.D

Acq: 3 Aug 2018 3:31

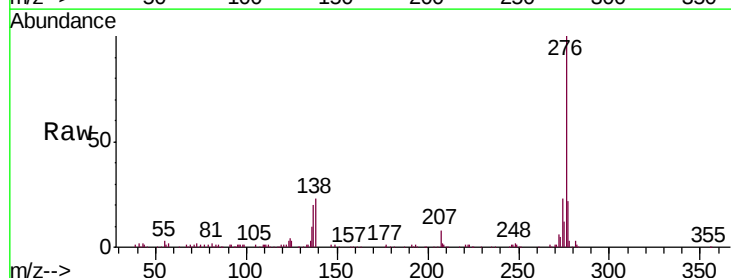
Tgt Ion:276 Resp: 374610

Ion Ratio Lower Upper

276 100

277 22.4 17.9 26.9

138 23.1 21.8 32.8



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

