

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF073018\
 Data File : BF107799.D
 Acq On : 30 Jul 2018 14:53
 Operator : JU/SJ
 Sample : SSTDICV040
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 30 17:53:38 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073018.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 30 17:48:53 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	152184	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	667869	20.00	ng	0.00
38) Acenaphthene-d10	10.01	164	307010	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	661597	20.00	ng	0.00
75) Chrysene-d12	14.16	240	539946	20.00	ng	0.00
86) Perylene-d12	15.69	264	475751	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.60	112	637809	71.23	ng	0.00
7) Phenol-d6	6.61	99	876815	74.30	ng	0.00
23) Nitrobenzene-d5	7.54	82	854803	73.74	ng	0.00
41) 2,4,6-Tribromophenol	10.80	330	326083	78.17	ng	0.00
44) 2-Fluorobiphenyl	9.32	172	1733856	78.70	ng	0.00
78) Terphenyl-d14	13.08	244	1807086	72.57	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.81	88	160148	39.313	ng	# 83
3) Pyridine	3.60	79	370593	36.917	ng	# 83
4) n-Nitrosodimethylamine	3.58	42	75951	16.670	ng	# 93
6) Aniline	6.64	93	492456	40.119	ng	# 74
8) 2-Chlorophenol	6.75	128	424301	37.723	ng	# 96
9) Benzaldehyde	6.52	77	221501	31.109	ng	# 96
10) Phenol	6.62	94	455549	32.369	ng	# 91
11) bis(2-Chloroethyl)ether	6.70	93	483272	38.618	ng	# 95
12) 1,3-Dichlorobenzene	6.91	146	451676	38.287	ng	# 98
13) 1,4-Dichlorobenzene	6.98	146	523542	39.867	ng	# 99
14) 1,2-Dichlorobenzene	7.13	146	456797	37.472	ng	# 99
15) Benzyl Alcohol	7.11	79	282307	38.487	ng	# 98
16) 2,2'-oxybis(1-Chloropropan	7.23	45	670866	37.286	ng	# 72
17) 2-Methylphenol	7.22	107	320561	38.607	ng	# 78
18) Hexachloroethane	7.47	117	174546	36.978	ng	# 96
19) n-Nitroso-di-n-propylamine	7.37	70	290745	38.837	ng	# 98
20) 3+4-Methylphenols	7.38	107	364338	35.740	ng	# 60
22) Acetophenone	7.38	105	593414	36.931	ng	# 90
24) Nitrobenzene	7.55	77	453287	37.289	ng	# 98
25) Isophorone	7.78	82	735783	38.665	ng	# 97
26) 2-Nitrophenol	7.87	139	245766	40.285	ng	# 99
27) 2,4-Dimethylphenol	7.90	122	305805	37.440	ng	# 99
28) bis(2-Chloroethoxy)methane	7.99	93	481630	38.405	ng	# 99
29) 2,4-Dichlorophenol	8.11	162	359256	38.885	ng	# 97
30) 1,2,4-Trichlorobenzene	8.18	180	403331	38.268	ng	# 99
31) Naphthalene	8.27	128	1245534	40.120	ng	# 100
32) Benzoic acid	8.03	122	149038	27.627	ng	# 96
33) 4-Chloroaniline	8.32	127	496876	37.470	ng	# 99
34) Hexachlorobutadiene	8.37	225	242780	37.275	ng	# 98
35) Caprolactam	8.70	113	105820	38.047	ng	# 77
36) 4-Chloro-3-methylphenol	8.81	107	399611	39.826	ng	# 97
37) 2-Methylnaphthalene	8.96	142	776267	39.806	ng	# 99
39) 1,2,4,5-Tetrachlorobenzene	9.12	216	418644	39.995	ng	# 97
40) Hexachlorocyclopentadiene	9.10	237	151949	38.011	ng	# 98

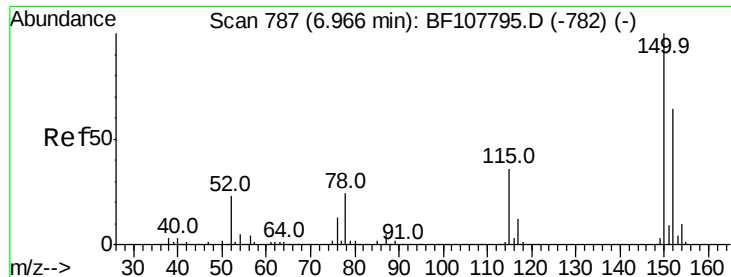
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.24	196	237765	41.088	nq	97
43) 2,4,5-Trichlorophenol	9.29	196	298373	42.830	nq	96
45) 1,1'-Biphenyl	9.42	154	1116015	39.944	nq	98
46) 2-Chloronaphthalene	9.45	162	830718	39.428	nq	98
47) 2-Nitroaniline	9.56	65	271116	39.560	nq	89
48) Acenaphthylene	9.87	152	1237750	37.894	nq	99
49) Dimethylphthalate	9.72	163	906103	39.299	nq	99
50) 2,6-Dinitrotoluene	9.80	165	204875	40.888	nq	92
51) Acenaphthene	10.04	154	707420	37.283	nq	100
52) 3-Nitroaniline	9.98	138	248723	39.392	nq	96
53) 2,4-Dinitrophenol	10.09	184	82951	36.537	nq #	40
54) Dibenzofuran	10.21	168	1133502	38.650	nq	98
55) 4-Nitrophenol	10.16	139	85624	34.772	nq	92
56) 2,4-Dinitrotoluene	10.20	165	262659	39.883	nq	93
57) Fluorene	10.56	166	866893	38.035	nq	94
58) 2,3,4,6-Tetrachlorophenol	10.34	232	254952	39.844	nq #	80
59) Diethylphthalate	10.42	149	952709	38.431	nq	98
60) 4-Chlorophenyl-phenylether	10.54	204	477997	38.498	nq	94
61) 4-Nitroaniline	10.60	138	228106	40.709	nq	96
62) Azobenzene	10.71	77	869306	37.652	nq	93
64) 4,6-Dinitro-2-methylphenol	10.61	198	141285	39.254	nq	94
65) n-Nitrosodiphenylamine	10.67	169	817634	37.533	nq	100
66) 4-Bromophenyl-phenylether	11.04	248	281496	36.505	nq #	89
67) Hexachlorobenzene	11.11	284	318333	37.227	nq #	84
68) Atrazine	11.19	200	241986	37.532	nq	96
69) Pentachlorophenol	11.31	266	157958	37.524	nq	99
70) Phenanthrene	11.52	178	1209919	38.514	nq	99
71) Anthracene	11.58	178	1378132	38.034	nq	100
72) Carbazole	11.74	167	1387218	38.741	nq	99
73) Di-n-butylphthalate	12.04	149	1489676	38.133	nq	100
74) Fluoranthene	12.72	202	1403642	38.033	nq	96
76) Benzidine	12.85	184	605537	34.686	nq	97
77) Pyrene	12.95	202	1415882	36.416	nq	99
79) Butylbenzylphthalate	13.55	149	643186	37.776	nq	96
80) Benzo(a)anthracene	14.14	228	1159560	37.911	nq	100
81) 3,3'-Dichlorobenzidine	14.11	252	445768	37.597	nq #	98
82) Chrysene	14.18	228	1233847	37.401	nq	100
83) Bis(2-ethylhexyl)phthalate	14.10	149	815678	38.108	nq	99
84) Di-n-octyl phthalate	14.72	149	1366154	39.764	nq	97
85) Indeno(1,2,3-cd)pyrene	17.28	276	871050	34.713	nq #	92
87) Benzo(b)fluoranthene	15.24	252	878310	37.432	nq	97
88) Benzo(k)fluoranthene	15.27	252	1129791	39.218	nq	97
89) Benzo(a)pyrene	15.63	252	897079	37.034	nq	98
90) Dibenzo(a,h)anthracene	17.29	278	750885	35.537	nq #	95
91) Benzo(g,h,i)perylene	17.76	276	703024	34.387	nq #	93

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

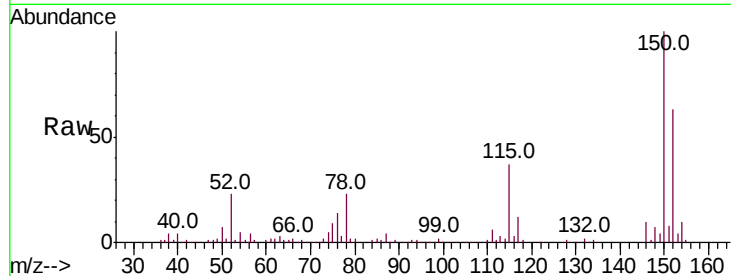


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 787
Delta R.T. -0.00 min
Lab File: BF107799.D
Acq: 30 Jul 2018 14:53

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.4	124.6	186.8
115	58.2	50.1	75.1

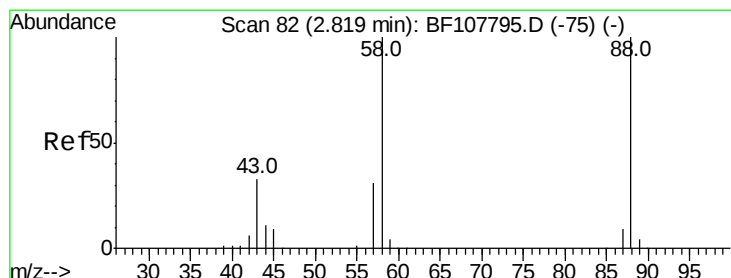
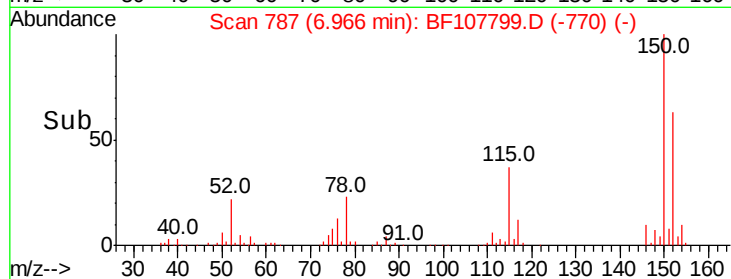
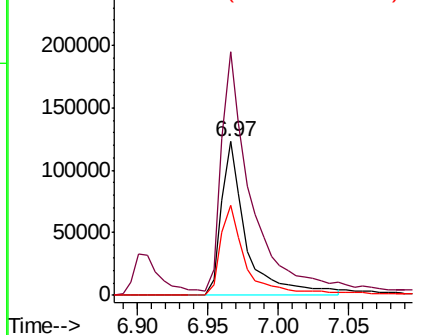


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

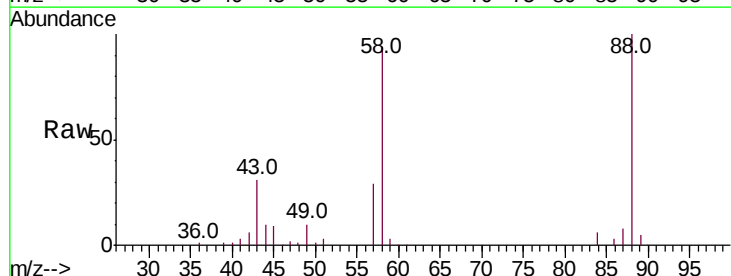
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 39.313 ng
RT: 2.81 min Scan# 80
Delta R.T. -0.01 min
Lab File: BF107799.D
Acq: 30 Jul 2018 14:53

Tgt Ion	Ratio	Lower	Upper
88	100		
58	98.6	62.6	93.8#
43	31.6	24.6	37.0

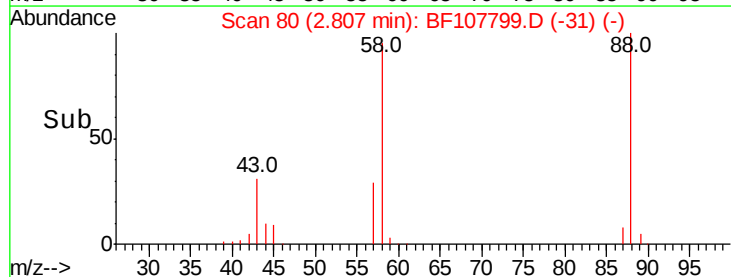
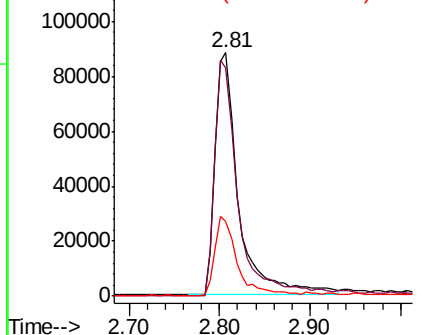


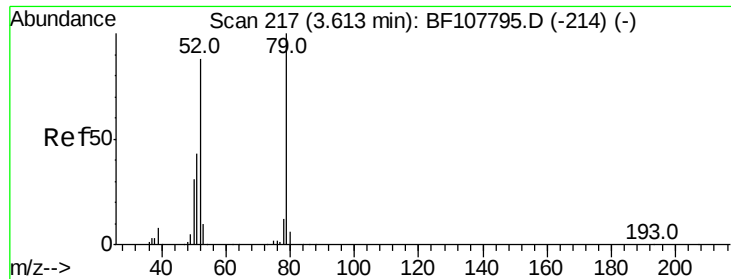
Abundance

Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 36.917 ng

RT: 3.60 min Scan# 215

Delta R.T. -0.01 min

Lab File: BF107799.D

Acq: 30 Jul 2018 14:53

Instrument :

BNA_F

ClientSampleId :

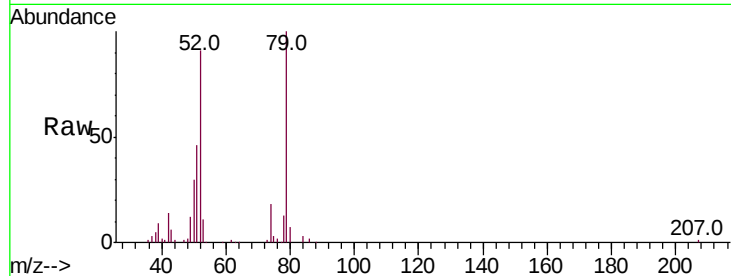
Tot Ion: 79 Resp: 370593

Ion Ratio Lower Upper

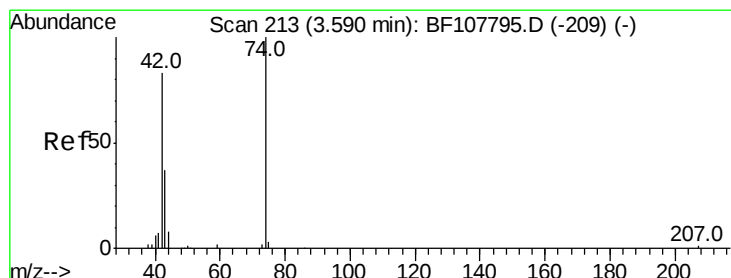
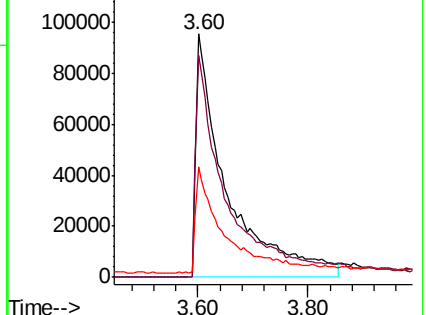
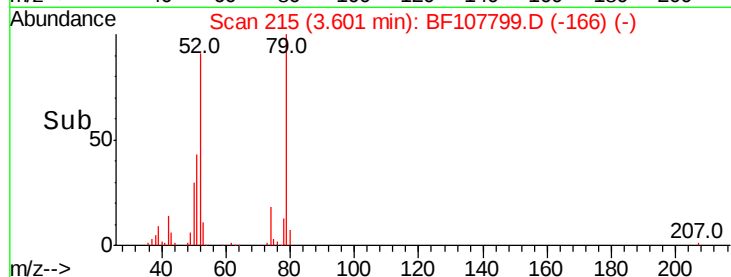
79 100

52 91.0 59.8 89.6#

51 45.5 29.8 44.8#



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



#4

n-Nitrosodimethylamine

Concen: 16.670 ng

RT: 3.58 min Scan# 212

Delta R.T. -0.01 min

Lab File: BF107799.D

Acq: 30 Jul 2018 14:53

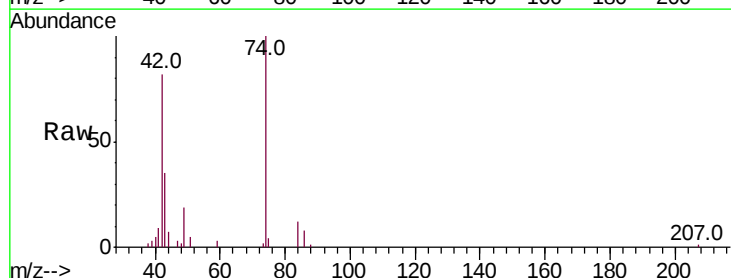
Tgt Ion: 42 Resp: 75951

Ion Ratio Lower Upper

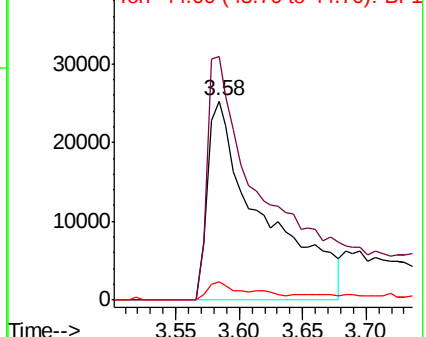
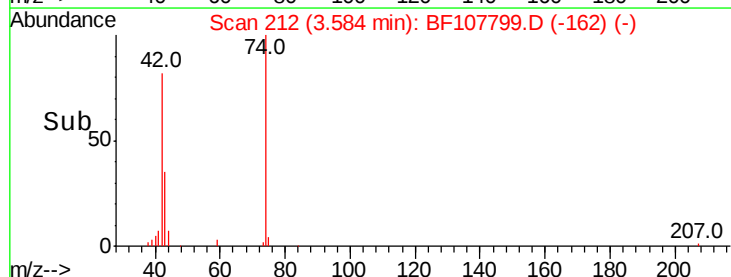
42 100

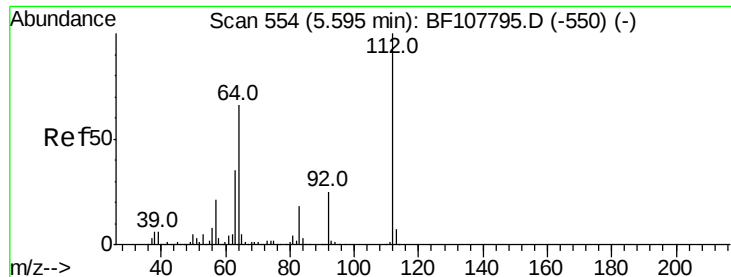
74 122.3 104.9 157.3

44 8.9 6.9 10.3



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





#5

2-Fluorophenol

Concen: 71.229 ng

RT: 5.60 min Scan# 554

Delta R.T. 0.00 min

Lab File: BF107799.D

Acq: 30 Jul 2018 14:53

Instrument :

BNA_F

ClientSampleId :

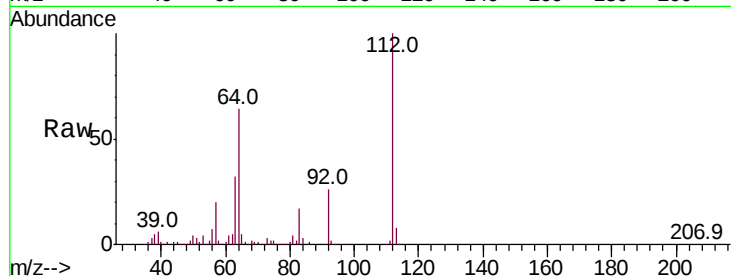
Tot Ion:112 Resp: 637809

Ion Ratio Lower Upper

112 100

64 64.0 47.9 71.9

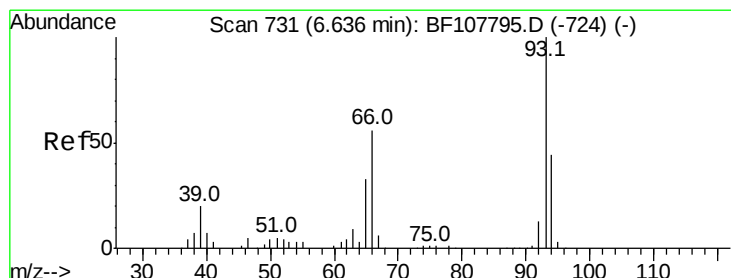
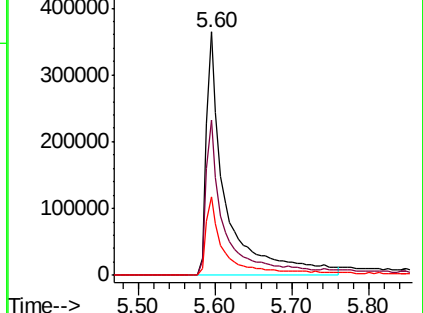
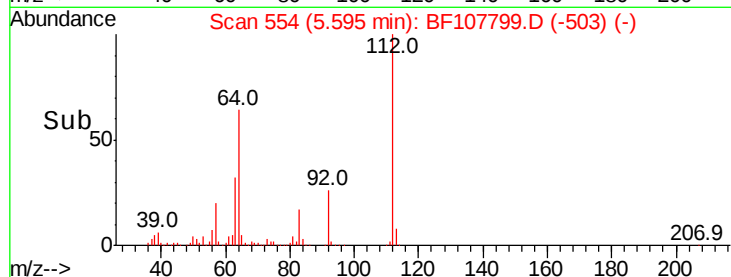
63 32.1 23.7 35.5



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: 40.119 ng

RT: 6.64 min Scan# 731

Delta R.T. -0.00 min

Lab File: BF107799.D

Acq: 30 Jul 2018 14:53

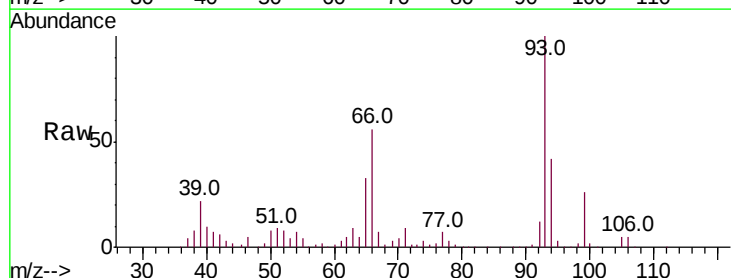
Tgt Ion: 93 Resp: 492456

Ion Ratio Lower Upper

93 100

66 56.4 32.2 48.2#

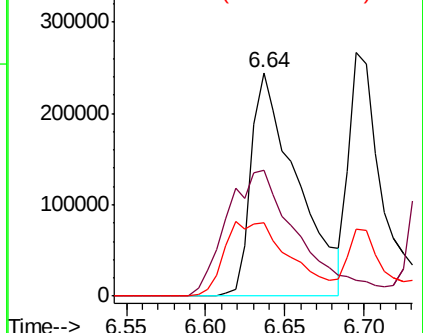
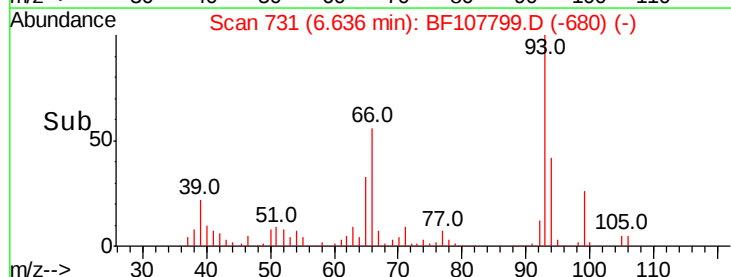
65 32.8 16.4 24.6#

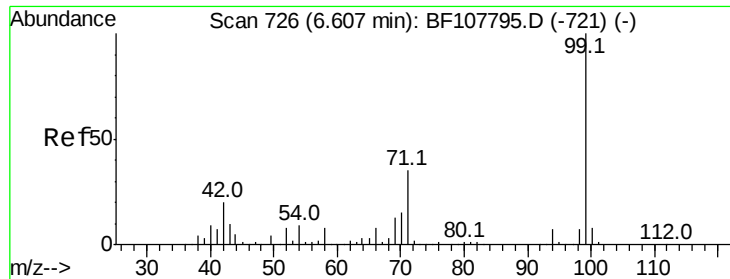


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 74.298 ng

RT: 6.61 min Scan# 726

Delta R.T. -0.00 min

Lab File: BF107799.D

Acq: 30 Jul 2018 14:53

Instrument :

BNA_F

ClientSampled :

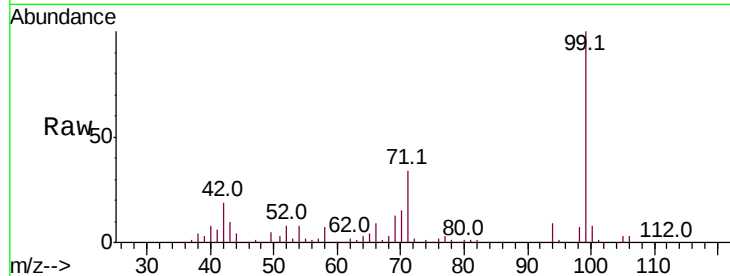
Tot Ion: 99 Resp: 876815

Ion Ratio Lower Upper

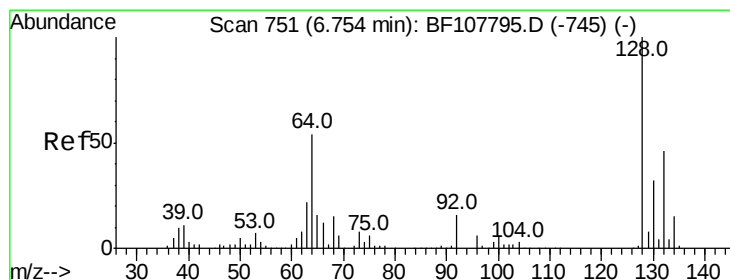
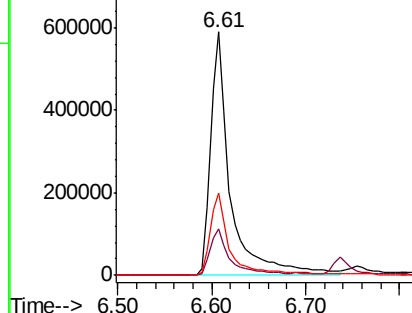
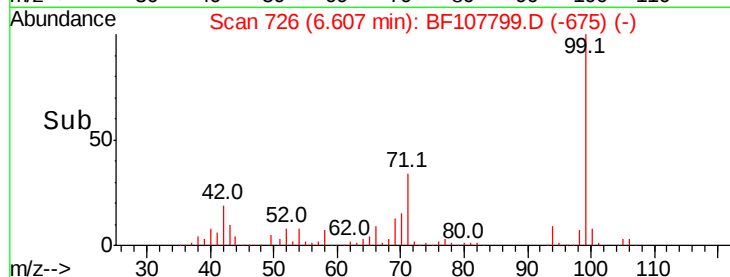
99 100

42 19.0 14.5 21.7

71 33.7 25.4 38.0



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



#8

2-Chlorophenol

Concen: 37.723 ng

RT: 6.75 min Scan# 751

Delta R.T. -0.00 min

Lab File: BF107799.D

Acq: 30 Jul 2018 14:53

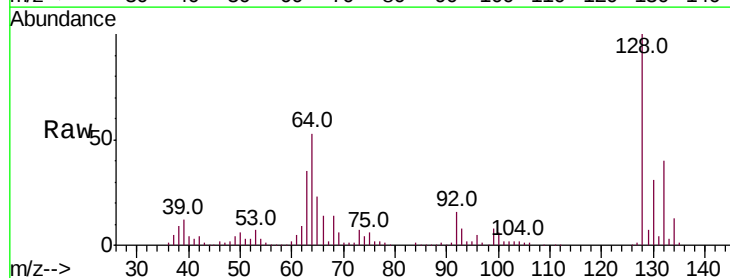
Tgt Ion: 128 Resp: 424301

Ion Ratio Lower Upper

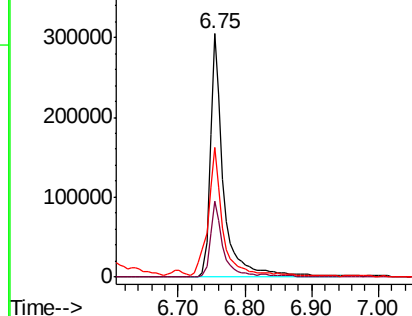
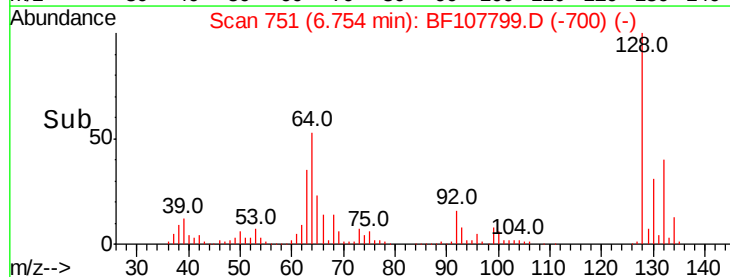
128 100

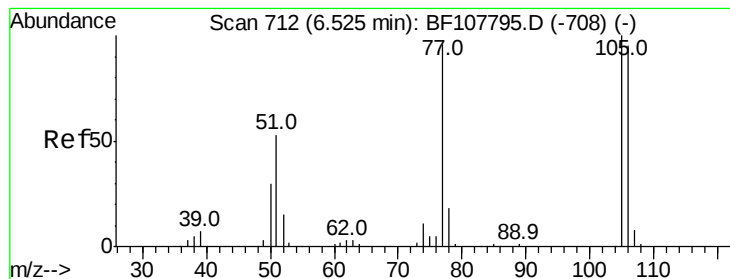
130 31.5 13.0 53.0

64 53.2 29.4 69.4



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





#9

Benzaldehyde

Concen: 31.109 ng

RT: 6.52 min Scan# 712

Delta R.T. -0.00 min

Lab File: BF107799.D

Acq: 30 Jul 2018 14:53

Instrument :

BNA_F

ClientSampled :

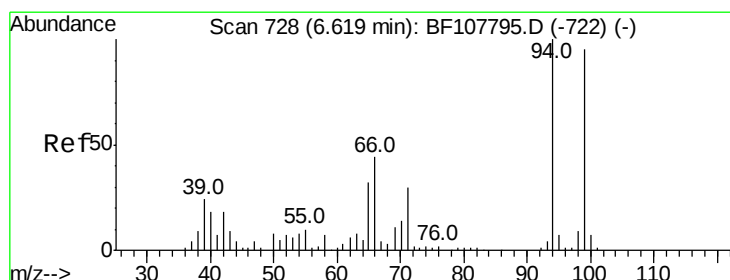
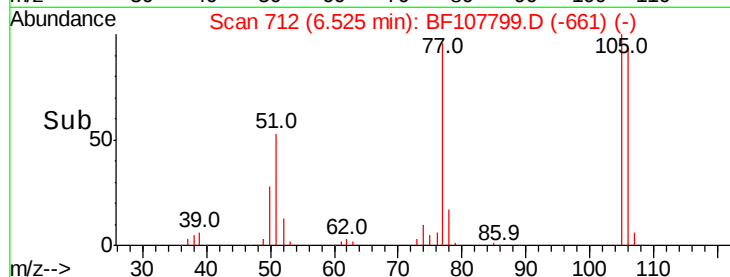
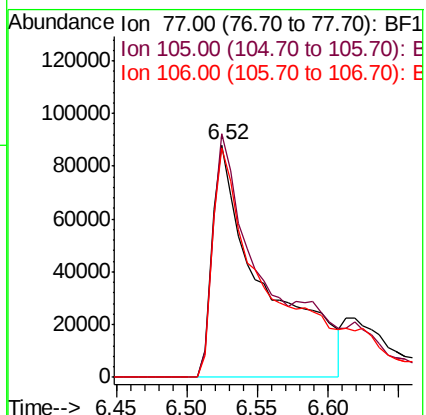
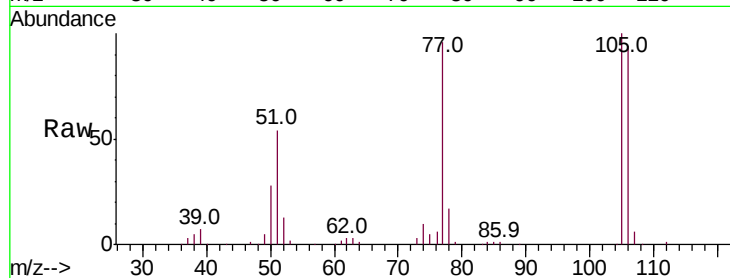
Tot Ion: 77 Resp: 221501

Ion Ratio Lower Upper

77 100

105 104.7 81.1 121.1

106 98.5 74.5 114.5



#10

Phenol

Concen: 32.369 ng

RT: 6.62 min Scan# 728

Delta R.T. -0.00 min

Lab File: BF107799.D

Acq: 30 Jul 2018 14:53

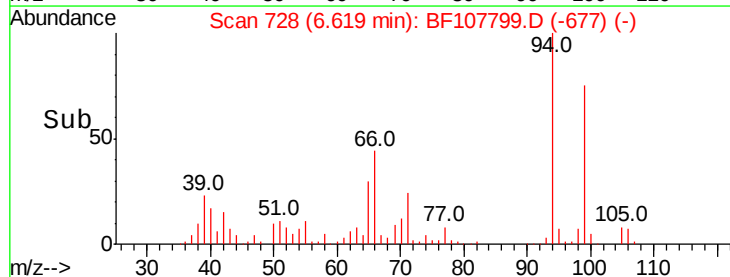
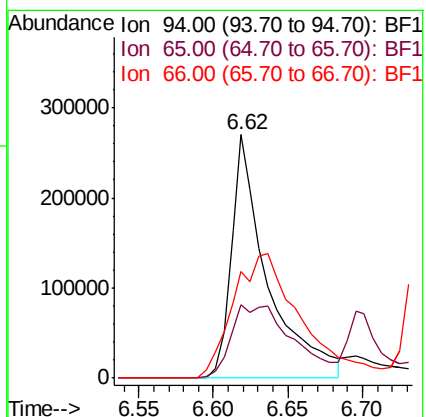
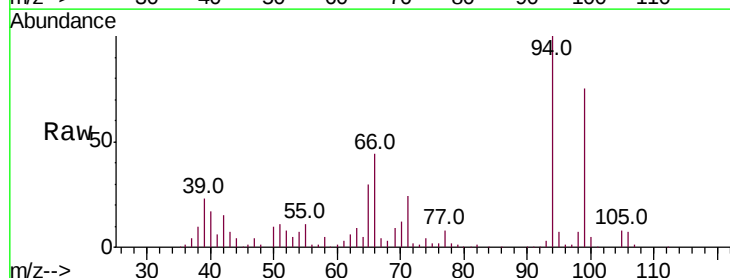
Tgt Ion: 94 Resp: 455549

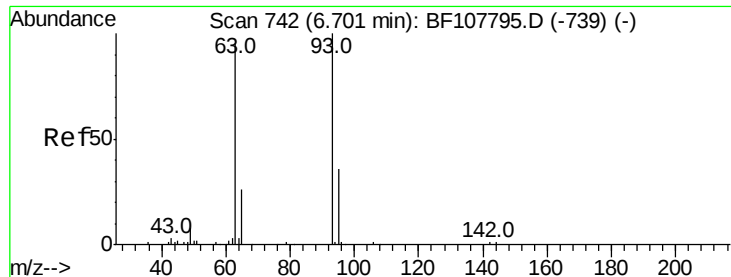
Ion Ratio Lower Upper

94 100

65 30.3 7.9 47.9

66 43.8 16.2 56.2





#11

bis(2-Chloroethyl)ether

Concen: 38.618 ng

RT: 6.70 min Scan# 741

Delta R.T. -0.01 min

Lab File: BF107799.D

Acq: 30 Jul 2018 14:53

Instrument :

BNA_F

ClientSampleId :

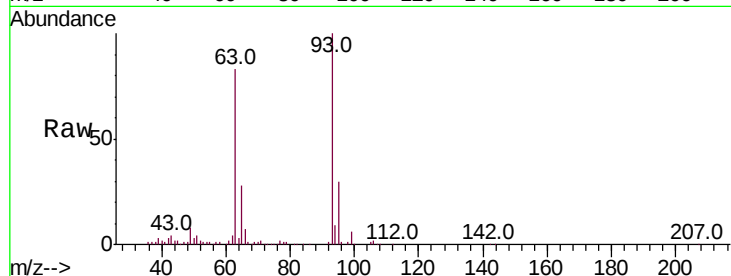
Tot Ion: 93 Resp: 483272

Ion Ratio Lower Upper

93 100

63 83.3 58.6 98.6

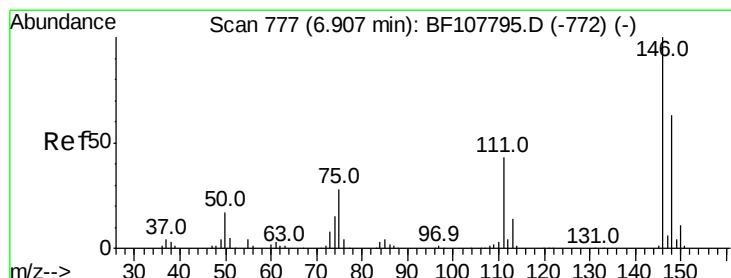
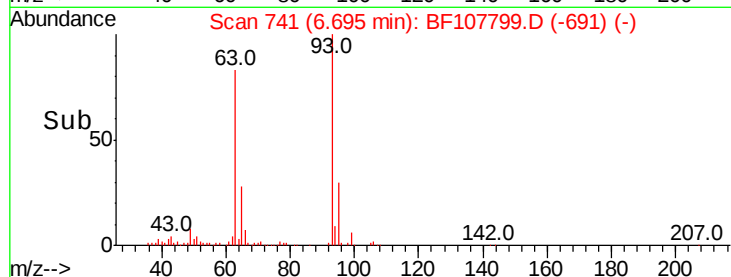
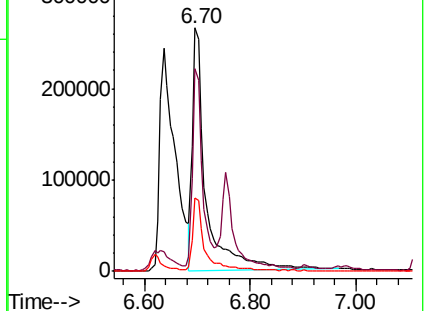
95 30.3 11.8 51.8



Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 63.00 (62.70 to 63.70): BF1

Ion 95.00 (94.70 to 95.70): BF1



#12

1,3-Dichlorobenzene

Concen: 38.287 ng

RT: 6.91 min Scan# 777

Delta R.T. -0.00 min

Lab File: BF107799.D

Acq: 30 Jul 2018 14:53

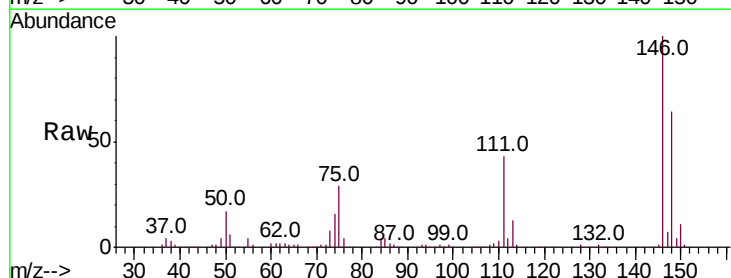
Tgt Ion: 146 Resp: 451676

Ion Ratio Lower Upper

146 100

148 63.5 51.8 77.8

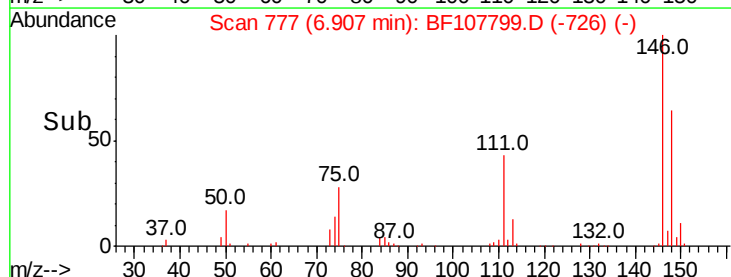
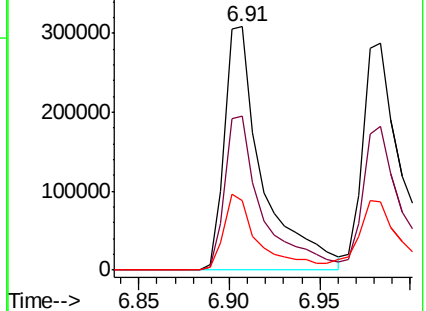
75 28.6 24.2 36.4

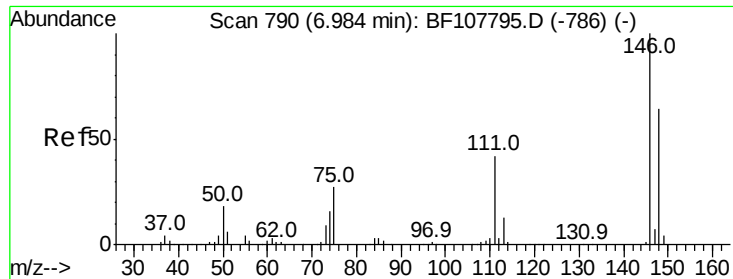


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF1

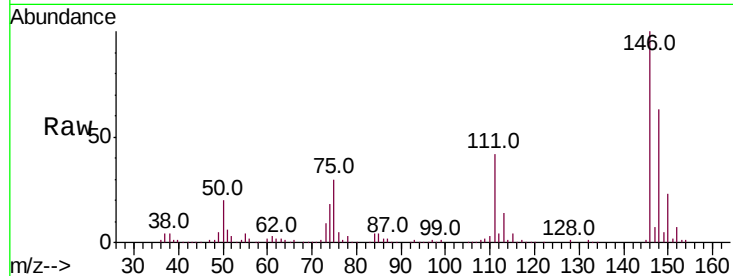




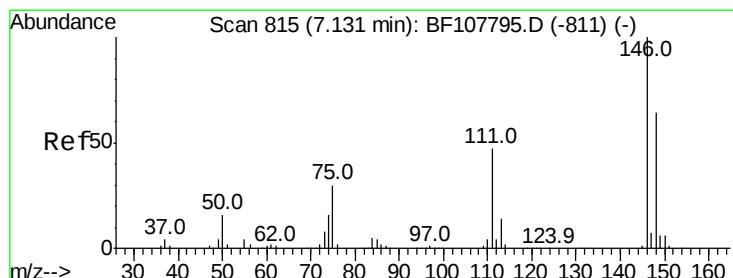
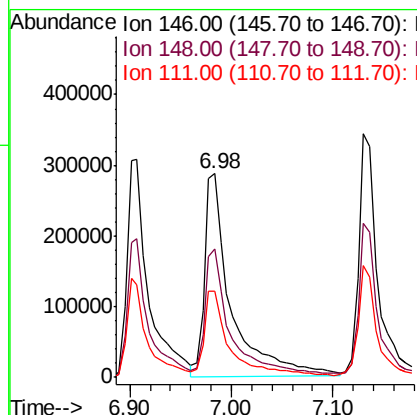
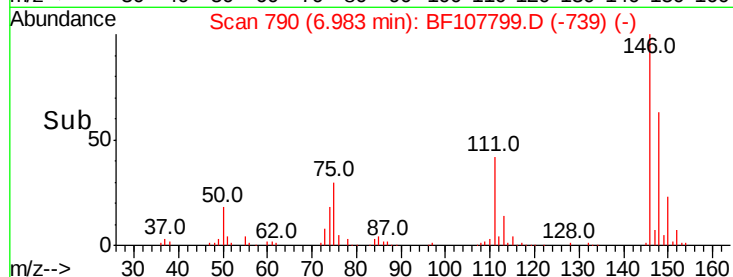
#13
 1,4-Dichlorobenzene
 Concen: 39.867 ng
 RT: 6.98 min Scan# 790
 Delta R.T. -0.00 min
 Lab File: BF107799.D
 Acq: 30 Jul 2018 14:53

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:146 Resp: 523542
 Ion Ratio Lower Upper
 146 100
 148 63.0 50.8 76.2
 111 42.3 34.2 51.2

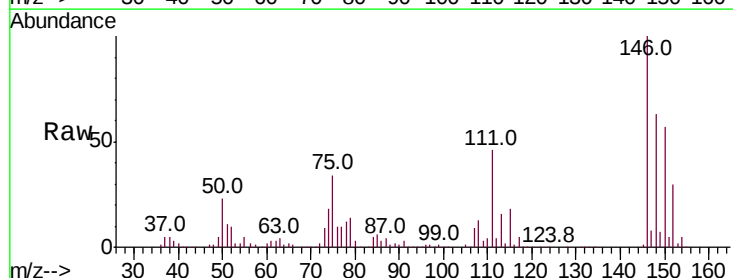


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

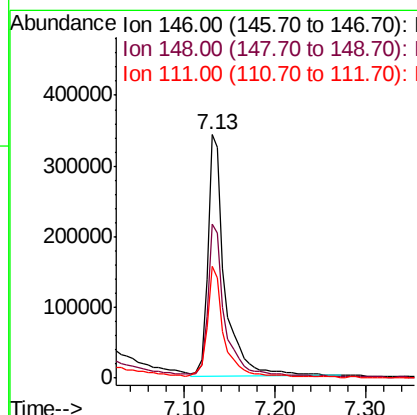
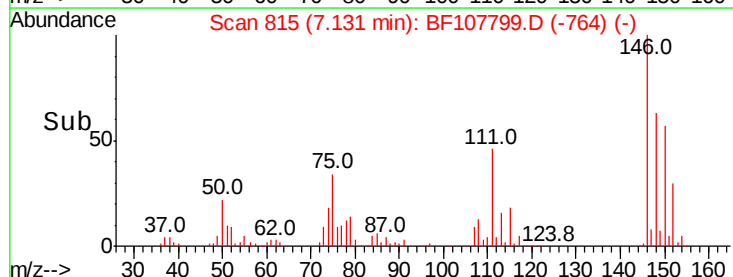


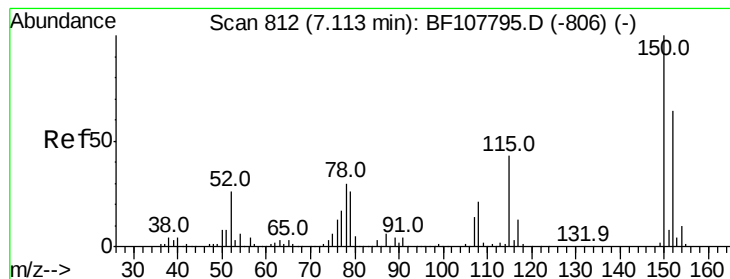
#14
 1,2-Dichlorobenzene
 Concen: 37.472 ng
 RT: 7.13 min Scan# 815
 Delta R.T. -0.00 min
 Lab File: BF107799.D
 Acq: 30 Jul 2018 14:53

Tgt Ion:146 Resp: 456797
 Ion Ratio Lower Upper
 146 100
 148 63.2 50.6 75.8
 111 45.9 36.0 54.0



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





#15

Benzyl Alcohol

Concen: 38.487 ng

RT: 7.11 min Scan# 812

Delta R.T. -0.00 min

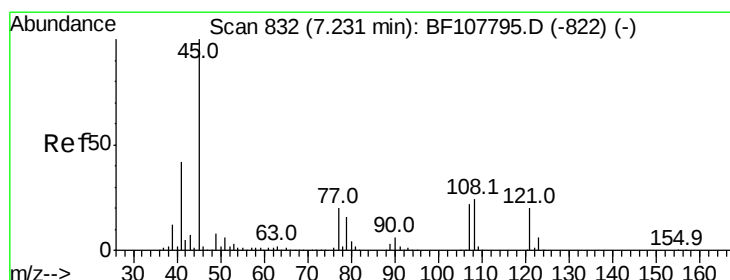
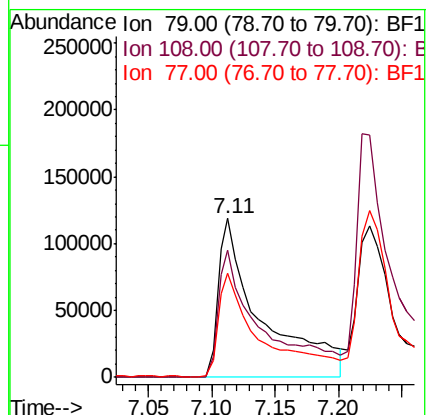
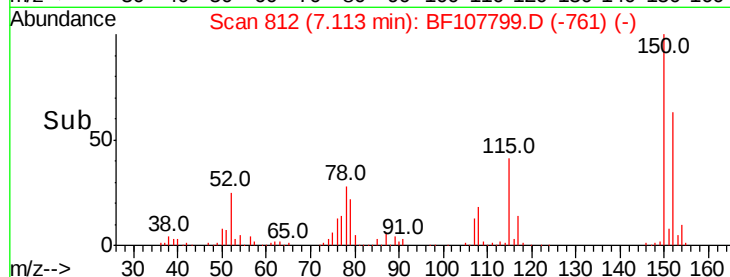
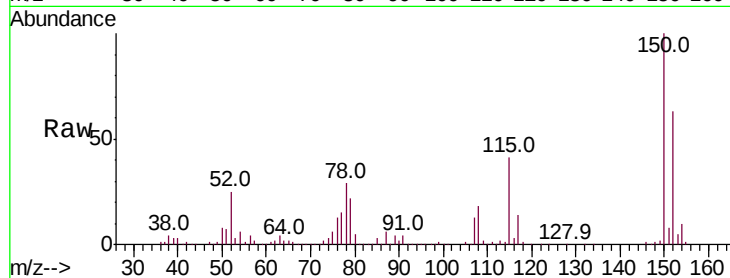
Lab File: BF107799.D

Acq: 30 Jul 2018 14:53

Instrument :
BNA_F
ClientSampled :

Tot Ion: 79 Resp: 282307

Ion	Ratio	Lower	Upper
79	100		
108	80.0	65.1	97.7
77	65.8	50.6	75.8



#16

2,2'-oxybis(1-chloropropane)

Concen: 37.286 ng

RT: 7.23 min Scan# 832

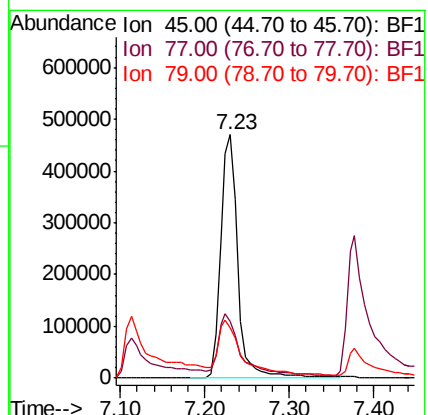
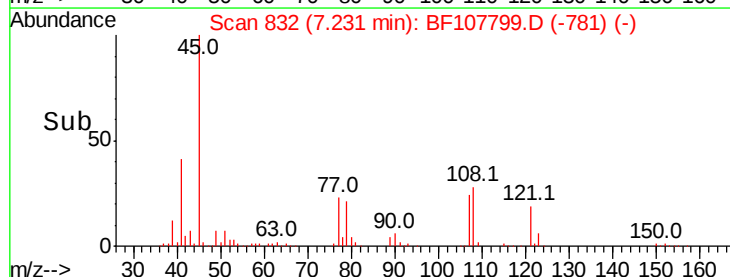
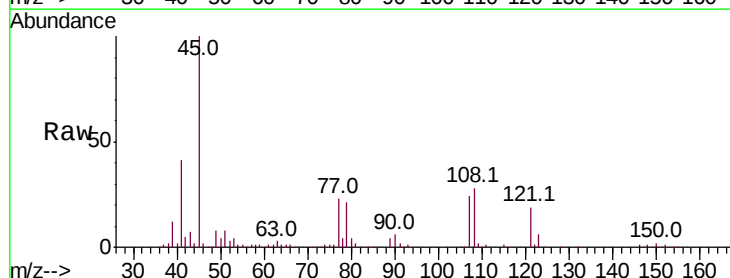
Delta R.T. -0.00 min

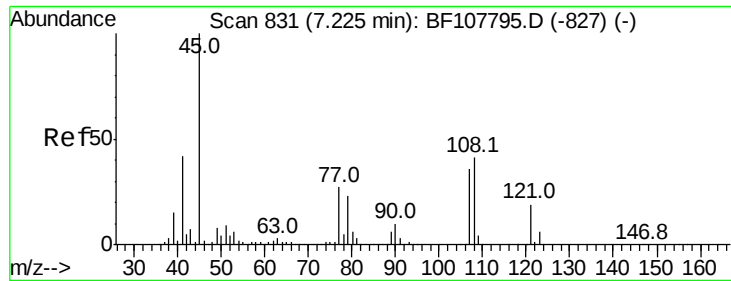
Lab File: BF107799.D

Acq: 30 Jul 2018 14:53

Tgt Ion: 45 Resp: 670866

Ion	Ratio	Lower	Upper
45	100		
77	23.5	0.0	32.9
79	20.7	0.0	29.6

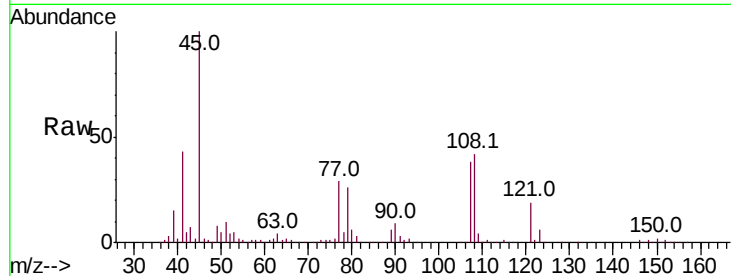




#17
2-Methylphenol
Concen: 38.607 ng
RT: 7.22 min Scan# 831
Delta R.T. -0.00 min
Lab File: BF107799.D
Acq: 30 Jul 2018 14:53

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
107	100		
108	111.3	91.7	137.5
77	76.7	33.8	50.8#
79	69.5	33.8	50.8#



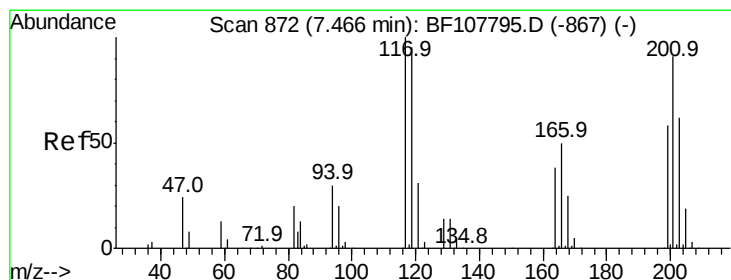
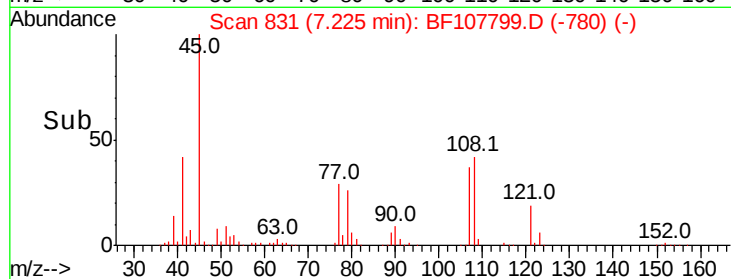
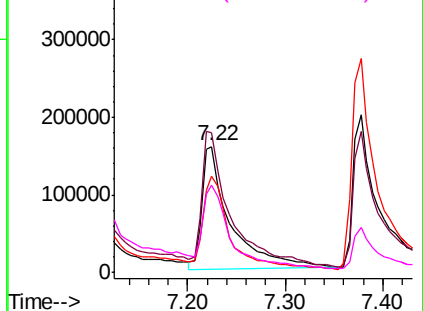
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

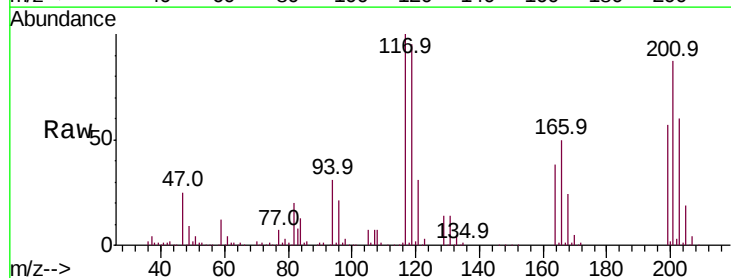
Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18
Hexachloroethane
Concen: 36.978 ng
RT: 7.47 min Scan# 872
Delta R.T. -0.00 min
Lab File: BF107799.D
Acq: 30 Jul 2018 14:53

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.7	75.8	113.8
201	87.5	75.7	113.5

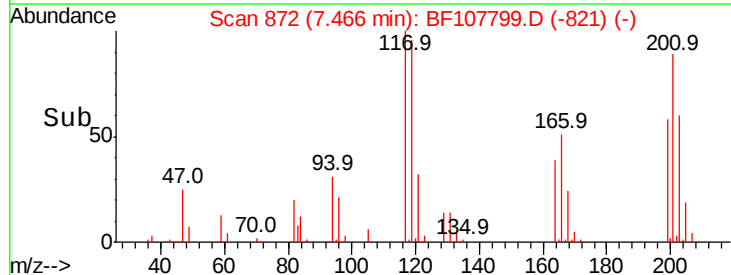
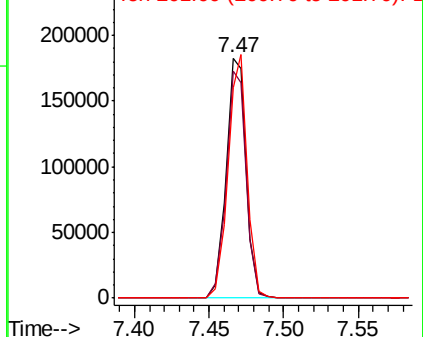


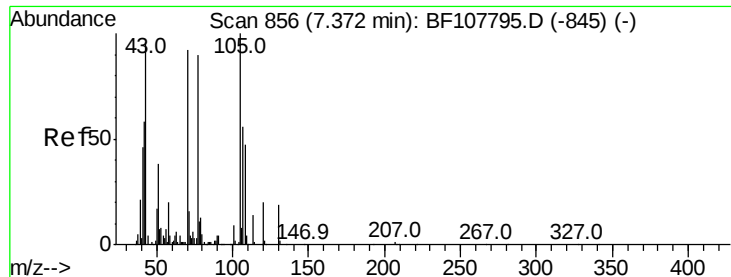
Abundance

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

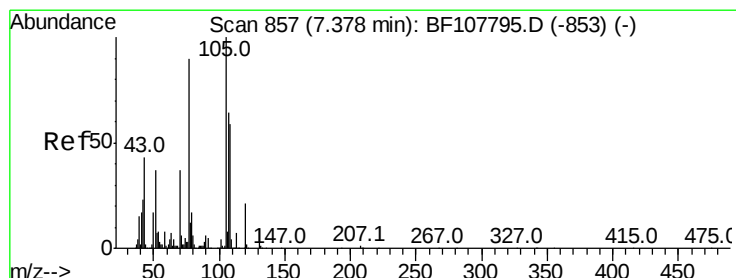
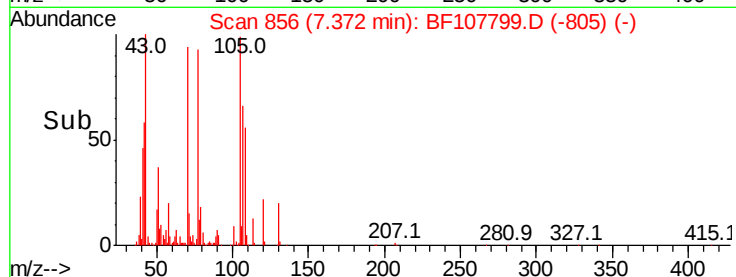
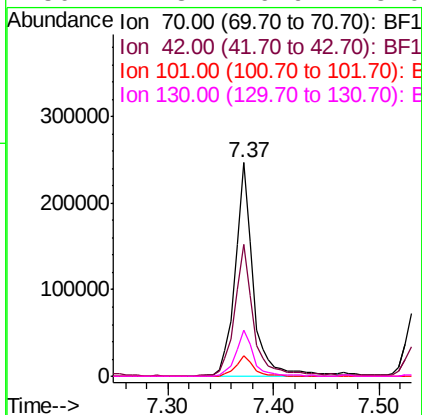
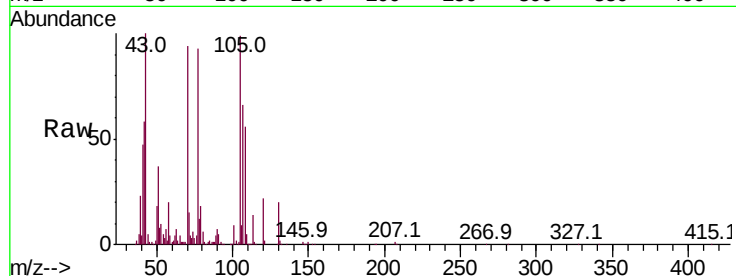




#19
 n-Nitroso-di-n-propylamine
 Concen: 38.837 ng
 RT: 7.37 min Scan# 856
 Delta R.T. -0.00 min
 Lab File: BF107799.D
 Acq: 30 Jul 2018 14:53

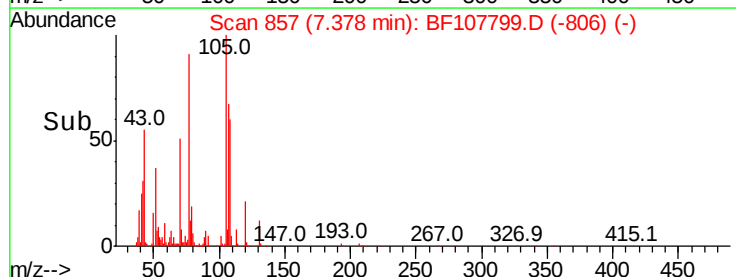
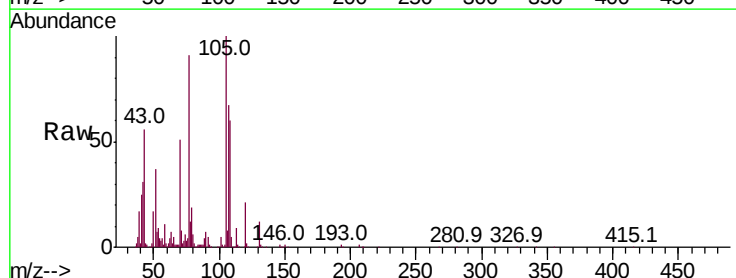
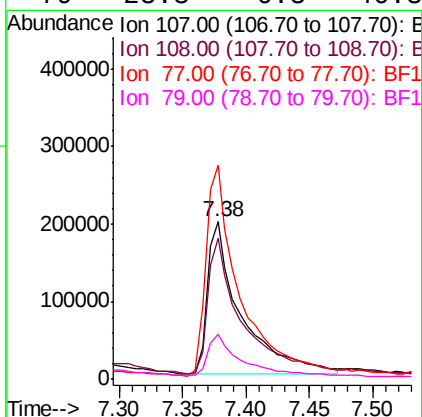
Instrument :
 BNA_F
 ClientSampleId :

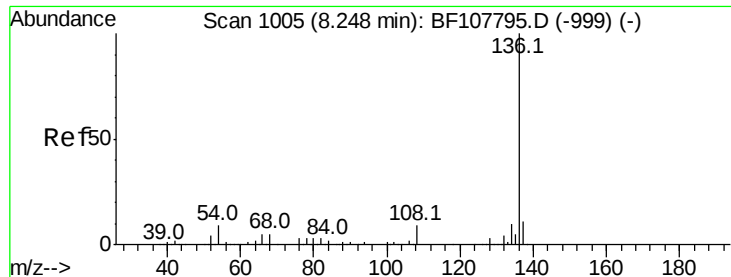
Tot Ion	Ratio	Lower	Upper
70	100		
42	61.7	47.5	71.3
101	9.5	7.4	11.2
130	21.3	16.6	25.0



#20
 3+4-Methylphenols
 Concen: 35.740 ng
 RT: 7.38 min Scan# 857
 Delta R.T. -0.00 min
 Lab File: BF107799.D
 Acq: 30 Jul 2018 14:53

Tgt Ion	Ratio	Lower	Upper
107	100		
108	89.9	68.2	108.2
77	135.7	26.7	66.7#
79	28.3	6.3	46.3

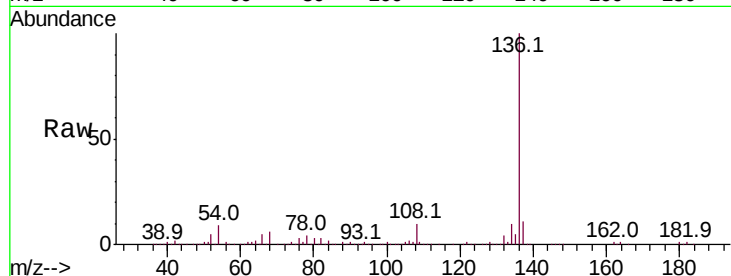




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.25 min Scan# 1005
Delta R.T. -0.00 min
Lab File: BF107799.D
Acq: 30 Jul 2018 14:53

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	136	Resp:	667869
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	9.3	6.6	9.8
68	5.6	5.0	7.4



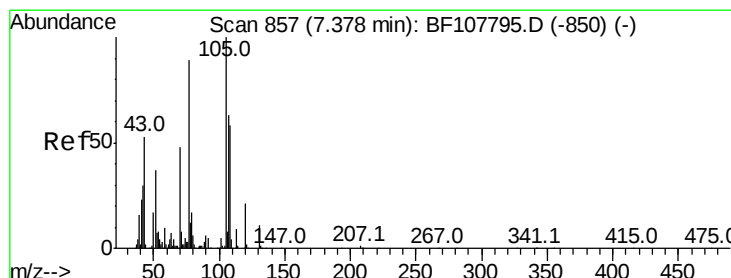
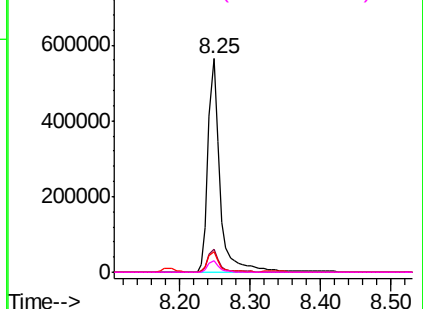
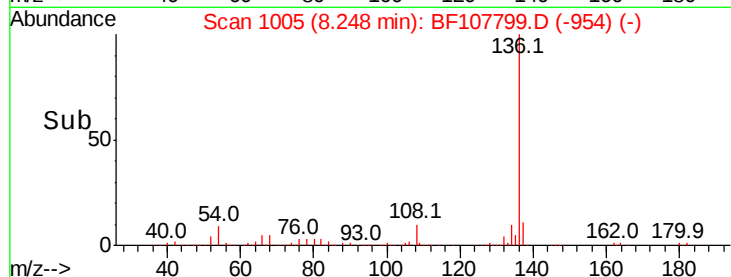
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

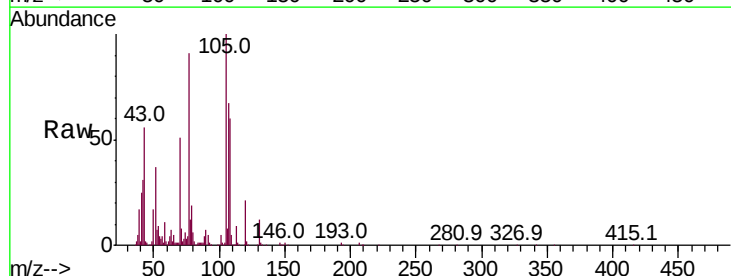
Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22
Acetophenone
Concen: 36.931 ng
RT: 7.38 min Scan# 857
Delta R.T. -0.00 min
Lab File: BF107799.D
Acq: 30 Jul 2018 14:53

Tgt Ion:	105	Resp:	593414
Ion	Ratio	Lower	Upper
105	100		
71	8.3	4.4	6.6#
51	37.1	22.3	33.5#
120	20.6	16.9	25.3



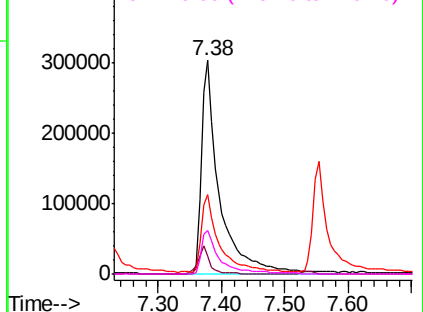
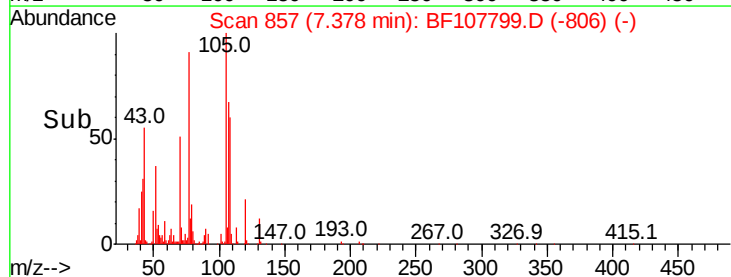
Abundance

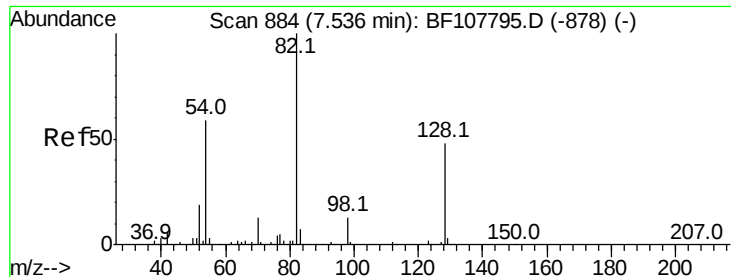
Ion 105.00 (104.70 to 105.70): E

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

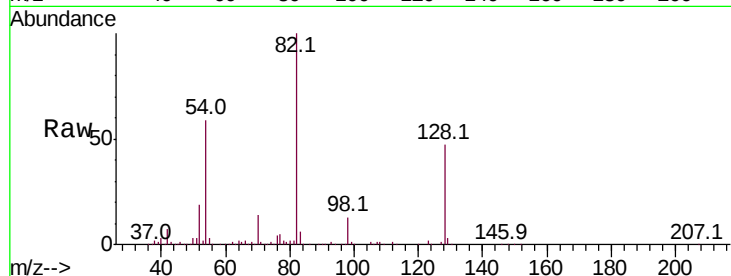




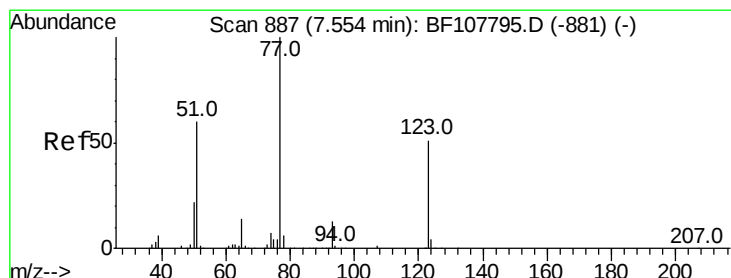
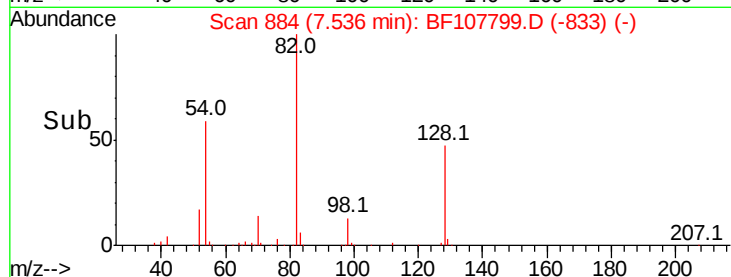
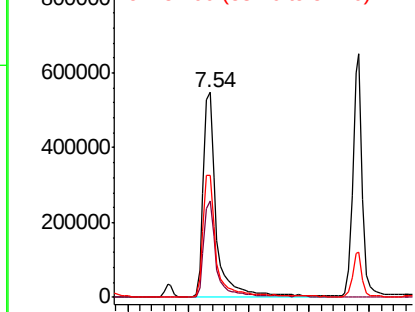
#23
 Nitrobenzene-d5
 Concen: 73.735 ng
 RT: 7.54 min Scan# 884
 Delta R.T. -0.00 min
 Lab File: BF107799.D
 Acq: 30 Jul 2018 14:53

Instrument :
 BNA_F
 ClientSampled :

Tot Ion: 82 Resp: 854803
 Ion Ratio Lower Upper
 82 100
 128 46.9 36.1 54.1
 54 59.5 41.4 62.2

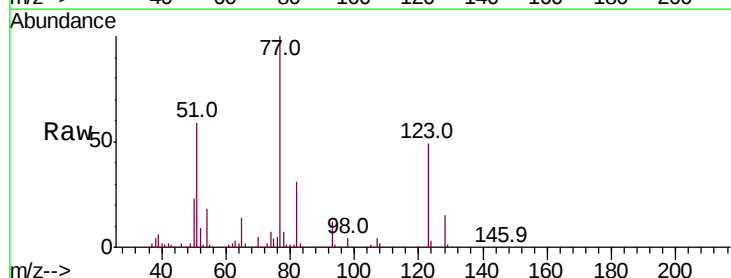


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

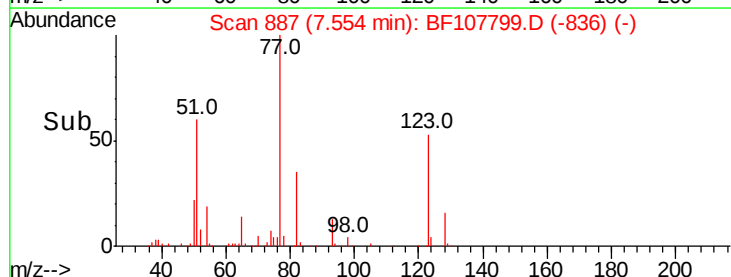
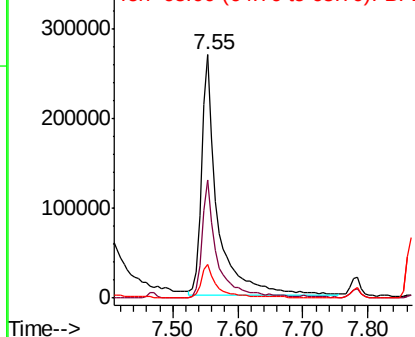


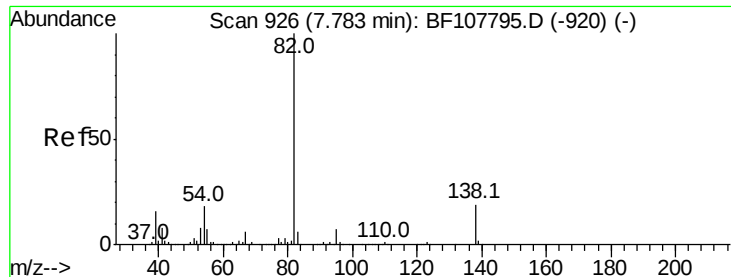
#24
 Nitrobenzene
 Concen: 37.289 ng
 RT: 7.55 min Scan# 887
 Delta R.T. -0.00 min
 Lab File: BF107799.D
 Acq: 30 Jul 2018 14:53

Tgt Ion: 77 Resp: 453287
 Ion Ratio Lower Upper
 77 100
 123 48.7 37.9 56.9
 65 14.0 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: 38.665 ng

RT: 7.78 min Scan# 926

Delta R.T. -0.00 min

Lab File: BF107799.D

Acq: 30 Jul 2018 14:53

Instrument :

BNA_F

ClientSampleId :

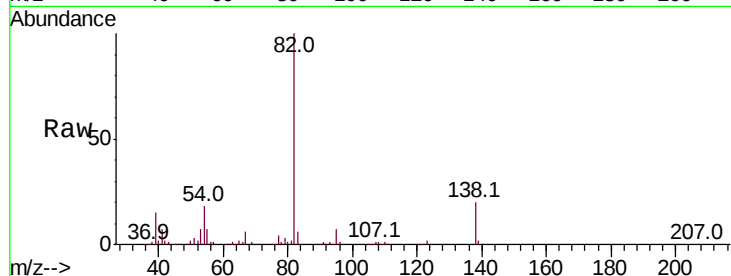
Tot Ion: 82 Resp: 735783

Ion Ratio Lower Upper

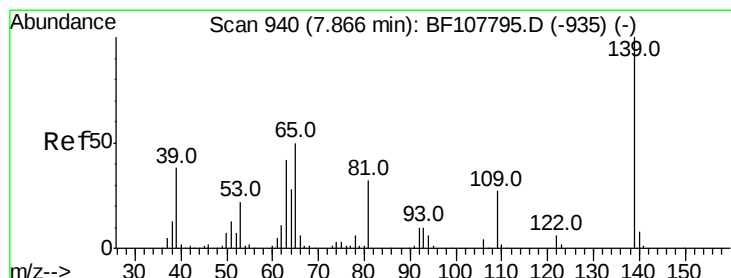
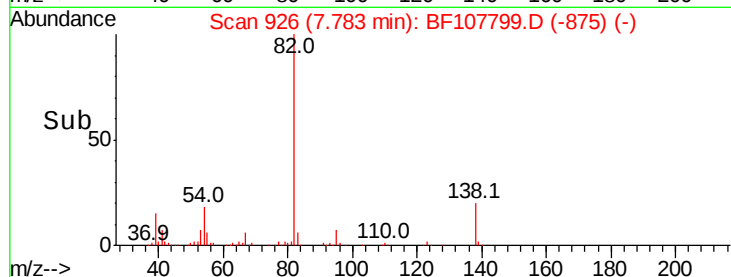
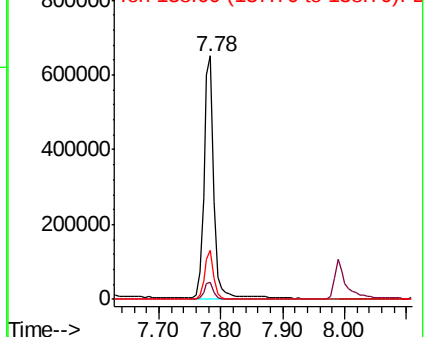
82 100

95 7.0 5.2 7.8

138 20.0 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: 40.285 ng

RT: 7.87 min Scan# 940

Delta R.T. -0.00 min

Lab File: BF107799.D

Acq: 30 Jul 2018 14:53

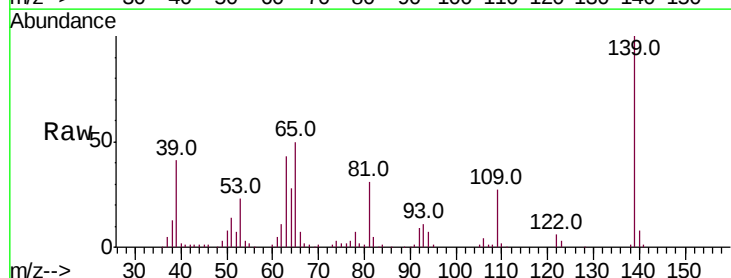
Tgt Ion: 139 Resp: 245766

Ion Ratio Lower Upper

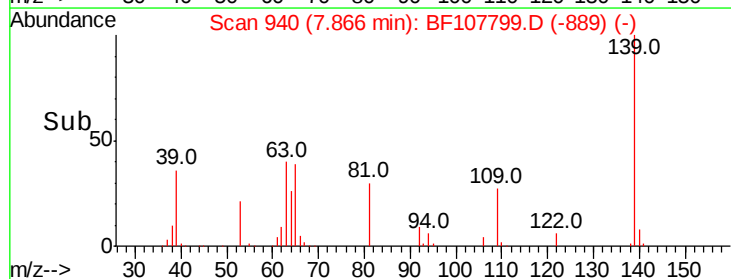
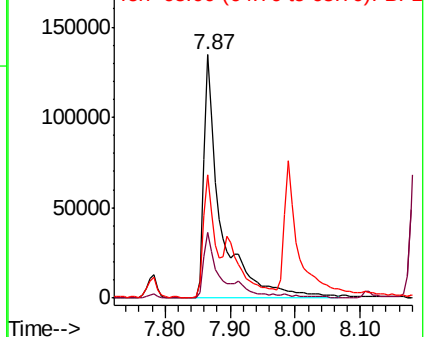
139 100

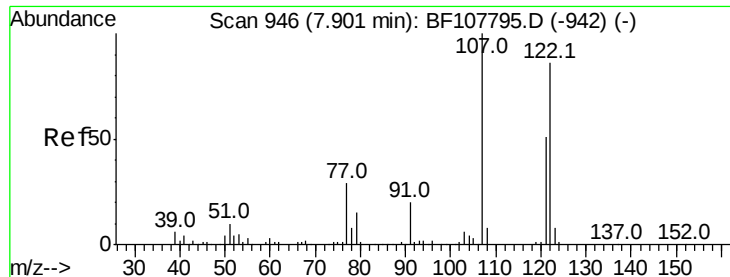
109 27.0 22.7 34.1

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

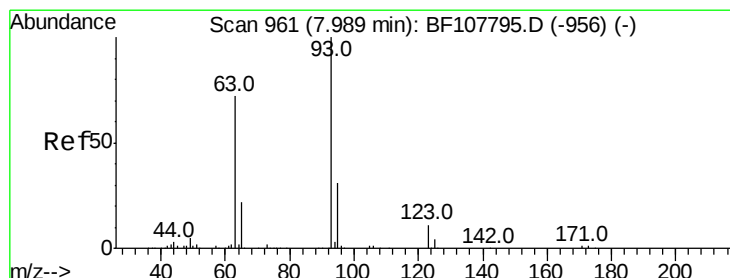
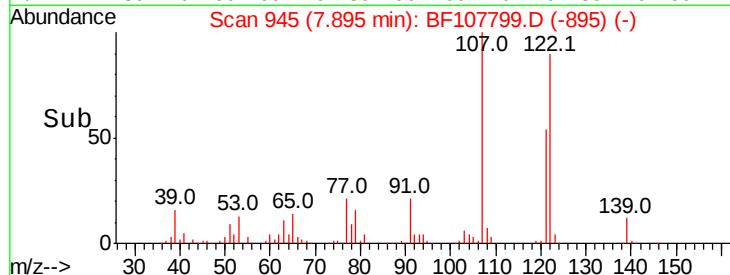
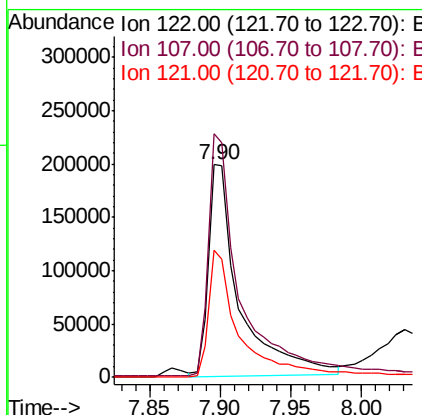
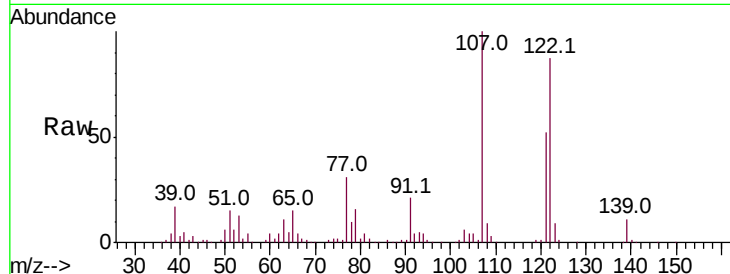




#27
 2,4-Dimethylphenol
 Concen: 37.440 ng
 RT: 7.90 min Scan# 945
 Delta R.T. -0.01 min
 Lab File: BF107799.D
 Acq: 30 Jul 2018 14:53

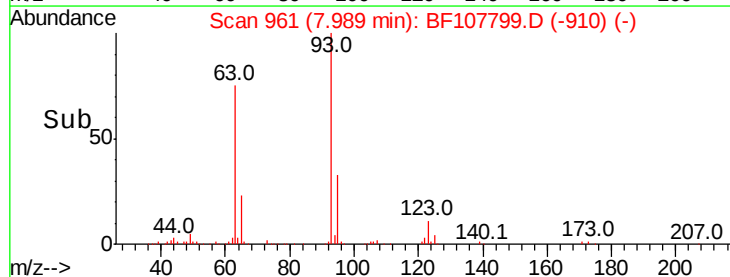
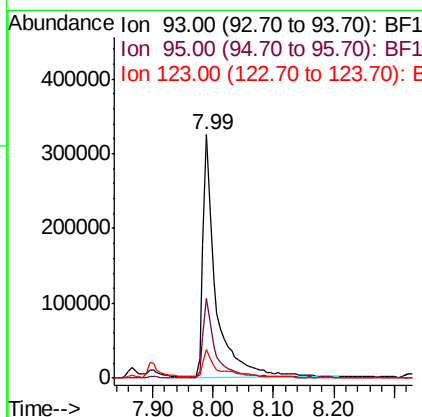
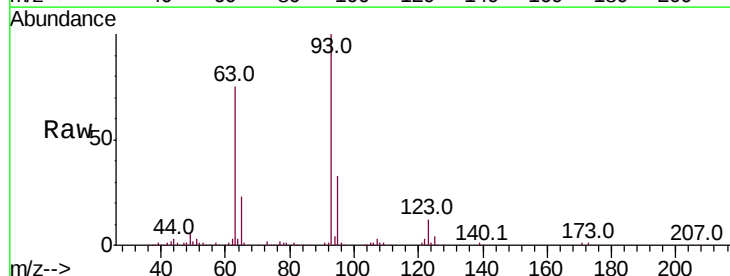
Instrument :
 BNA_F
 ClientSampleId :

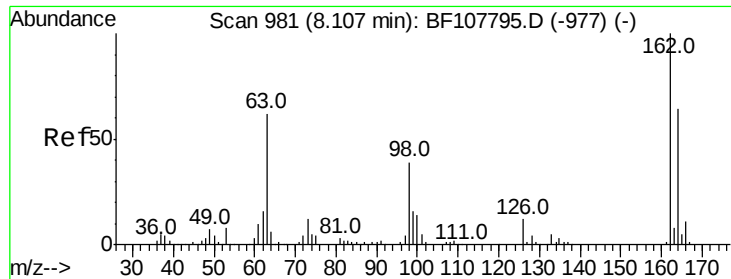
Tot Ion:122 Resp: 305805
 Ion Ratio Lower Upper
 122 100
 107 114.5 91.2 136.8
 121 59.7 47.2 70.8



#28
 bis(2-Chloroethoxy)methane
 Concen: 38.405 ng
 RT: 7.99 min Scan# 961
 Delta R.T. -0.00 min
 Lab File: BF107799.D
 Acq: 30 Jul 2018 14:53

Tgt Ion: 93 Resp: 481630
 Ion Ratio Lower Upper
 93 100
 95 32.6 26.3 39.5
 123 11.5 9.8 14.6

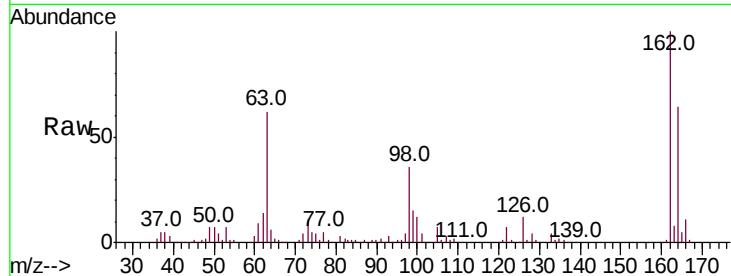




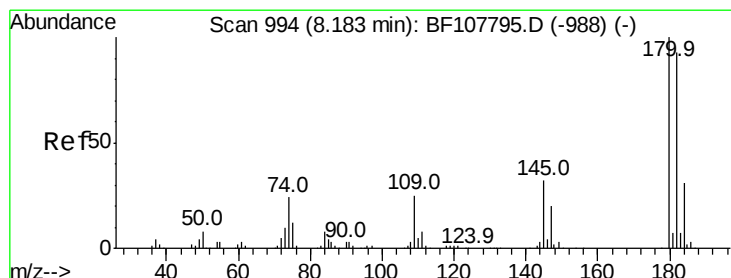
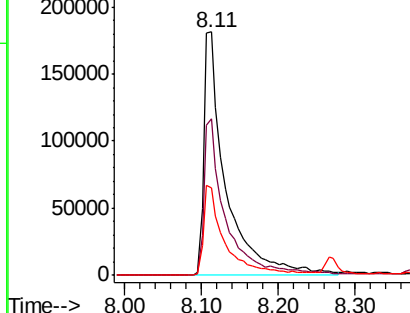
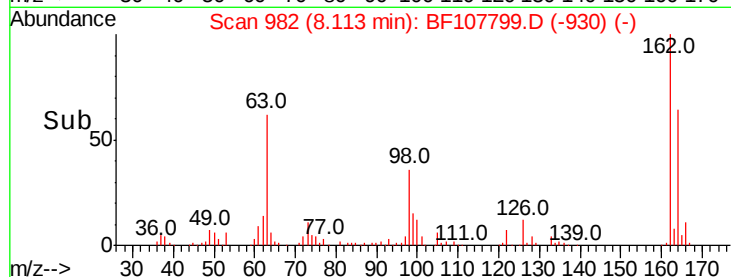
#29
 2,4-Dichlorophenol
 Concen: 38.885 ng
 RT: 8.11 min Scan# 982
 Delta R.T. 0.01 min
 Lab File: BF107799.D
 Acq: 30 Jul 2018 14:53

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:162 Resp: 359256
 Ion Ratio Lower Upper
 162 100
 164 64.3 42.7 82.7
 98 36.1 18.1 58.1

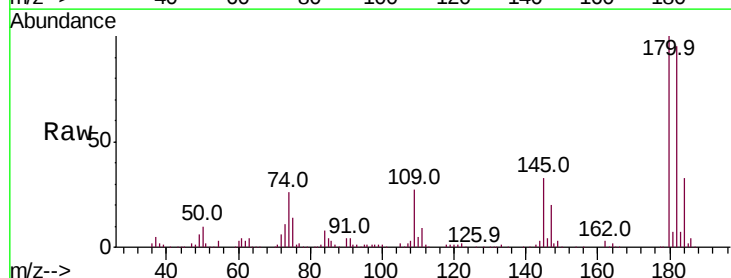


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

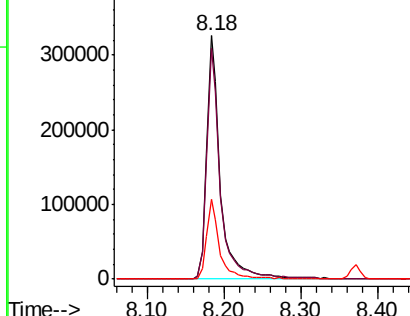
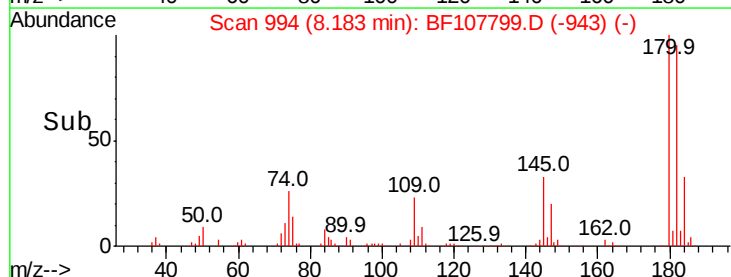


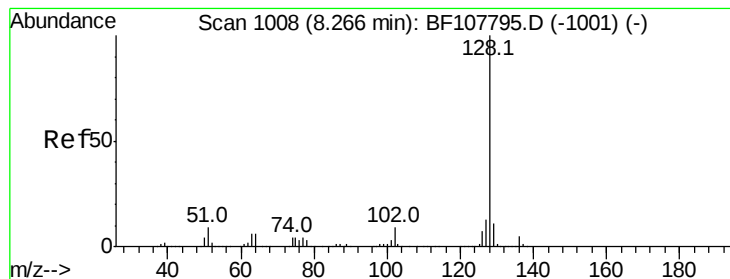
#30
 1,2,4-Trichlorobenzene
 Concen: 38.268 ng
 RT: 8.18 min Scan# 994
 Delta R.T. -0.00 min
 Lab File: BF107799.D
 Acq: 30 Jul 2018 14:53

Tgt Ion:180 Resp: 403331
 Ion Ratio Lower Upper
 180 100
 182 94.7 76.8 115.2
 145 32.5 26.5 39.7



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





#31

Naphthalene

Concen: 40.120 ng

RT: 8.27 min Scan# 1009

Delta R.T. 0.01 min

Lab File: BF107799.D

Acq: 30 Jul 2018 14:53

Instrument :

BNA_F

ClientSampleId :

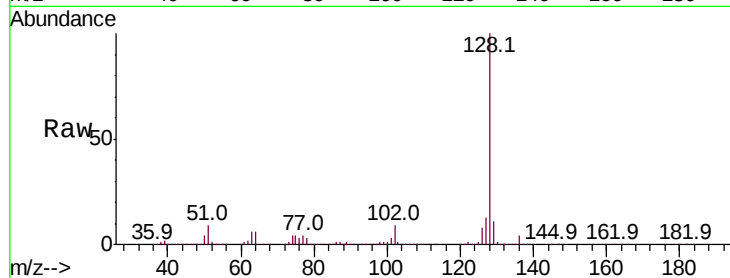
Tot Ion:128 Resp: 1245534

Ion Ratio Lower Upper

128 100

129 10.9 8.8 13.2

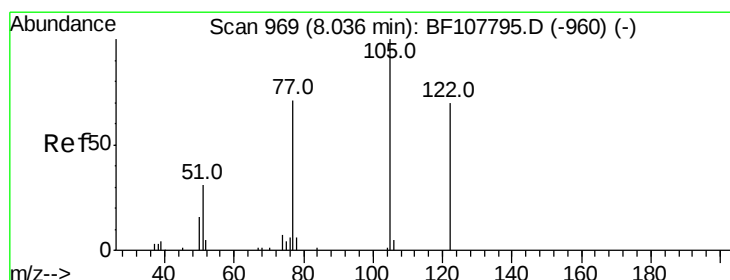
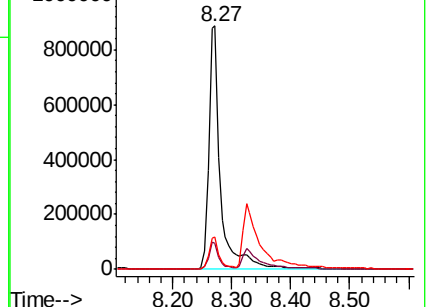
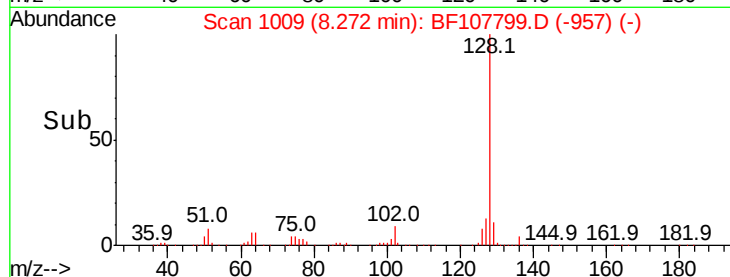
127 13.5 10.9 16.3



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: 27.627 ng

RT: 8.03 min Scan# 968

Delta R.T. -0.01 min

Lab File: BF107799.D

Acq: 30 Jul 2018 14:53

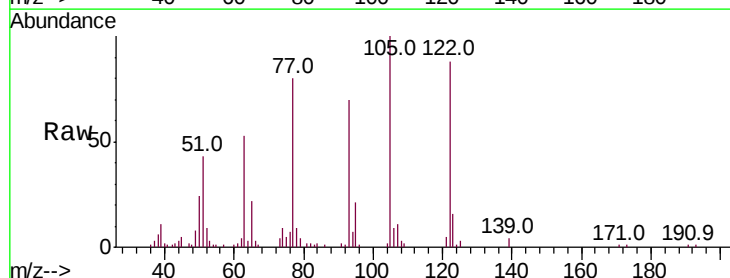
Tgt Ion:122 Resp: 149038

Ion Ratio Lower Upper

122 100

105 113.8 101.1 141.1

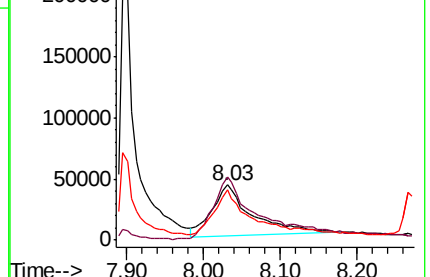
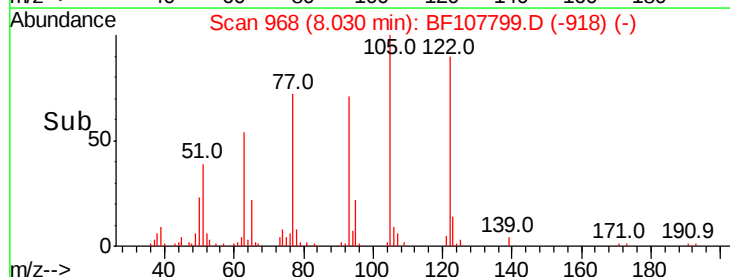
77 91.3 70.7 110.7

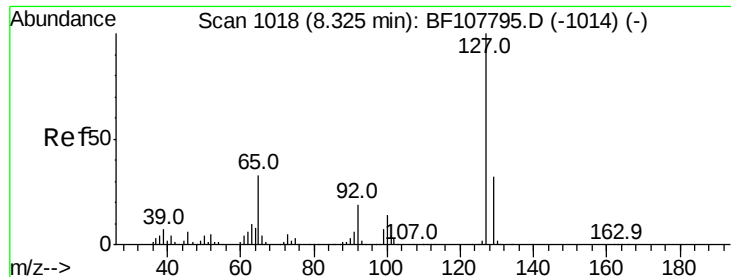


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

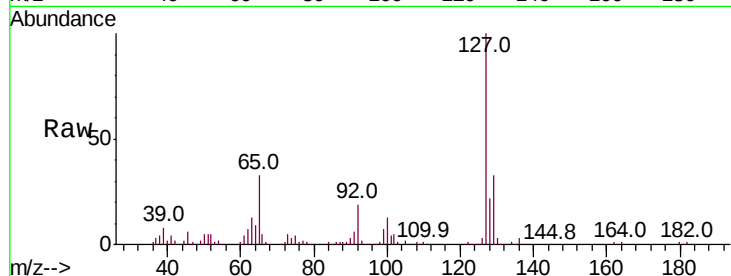




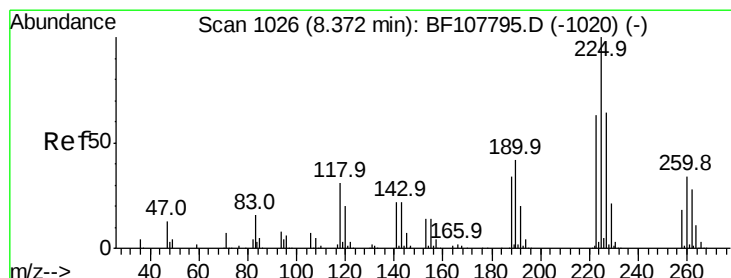
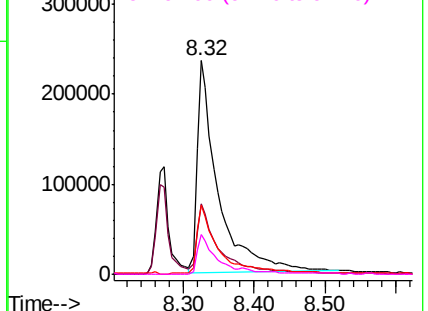
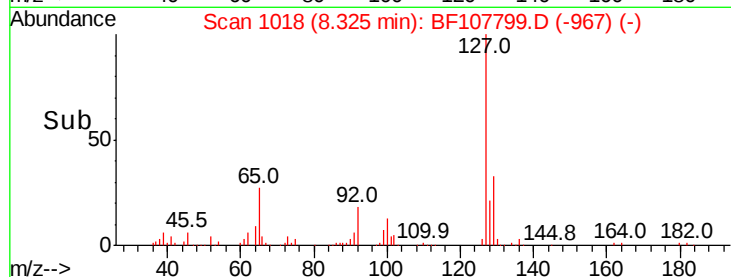
#33
4-Chloroaniline
Concen: 37.470 ng
RT: 8.32 min Scan# 1018
Delta R.T. -0.00 min
Lab File: BF107799.D
Acq: 30 Jul 2018 14:53

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	496876
Ion	Ratio	Lower	Upper
127	100		
129	32.8	25.9	38.9
65	32.5	25.0	37.4
92	18.7	15.2	22.8

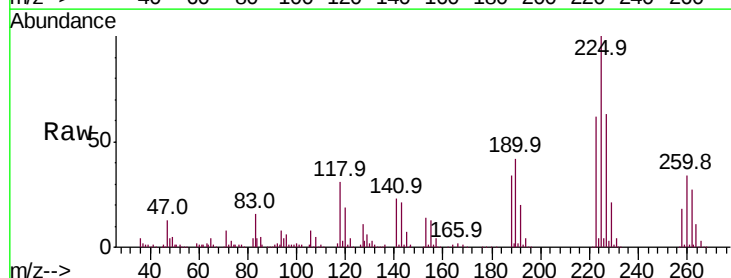


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

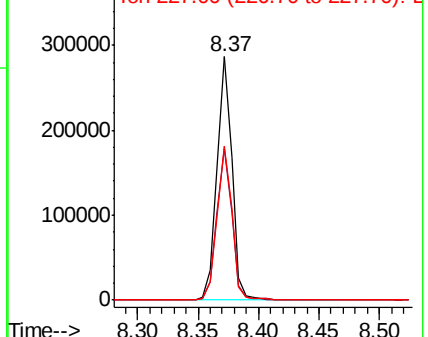
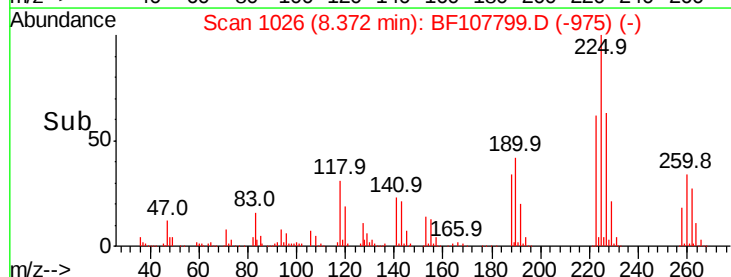


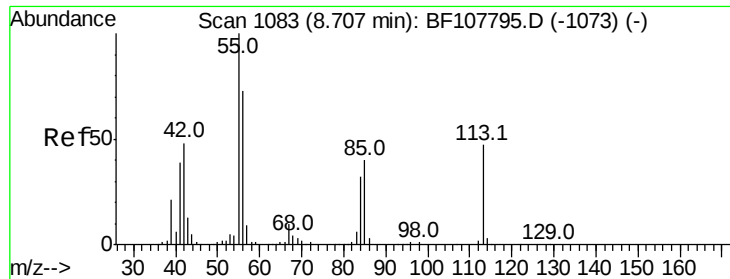
#34
Hexachlorobutadiene
Concen: 37.275 ng
RT: 8.37 min Scan# 1026
Delta R.T. -0.00 min
Lab File: BF107799.D
Acq: 30 Jul 2018 14:53

Tgt Ion:	225	Resp:	242780
Ion	Ratio	Lower	Upper
225	100		
223	62.3	50.6	76.0
227	63.1	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: 38.047 ng

RT: 8.70 min Scan# 1082

Delta R.T. -0.01 min

Lab File: BF107799.D

Acq: 30 Jul 2018 14:53

Instrument :

BNA_F

ClientSampleId :

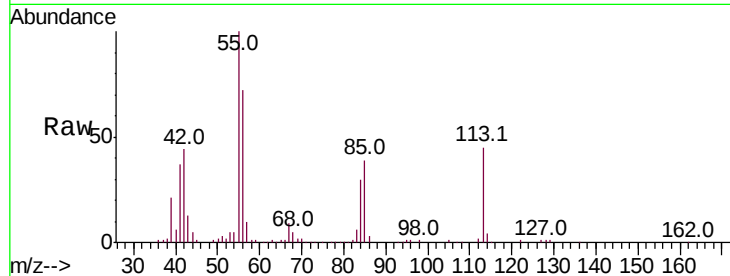
Tot Ion:113 Resp: 105820

Ion Ratio Lower Upper

113 100

55 220.9 163.3 203.3#

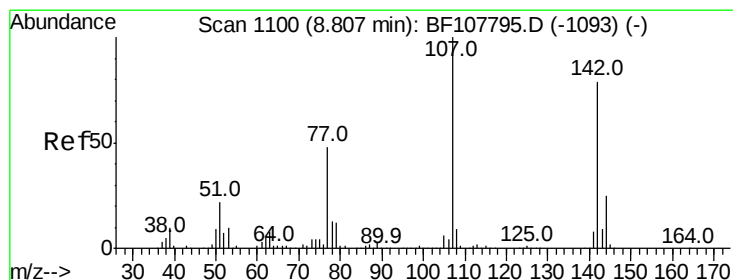
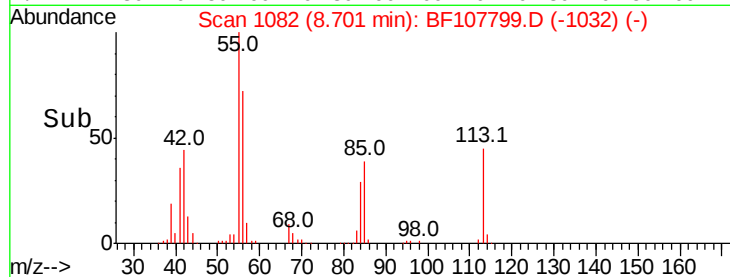
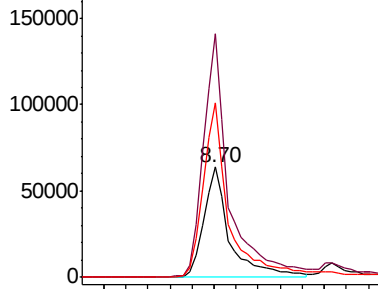
56 158.3 115.7 155.7#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36

4-Chloro-3-methylphenol

Concen: 39.826 ng

RT: 8.81 min Scan# 1100

Delta R.T. -0.00 min

Lab File: BF107799.D

Acq: 30 Jul 2018 14:53

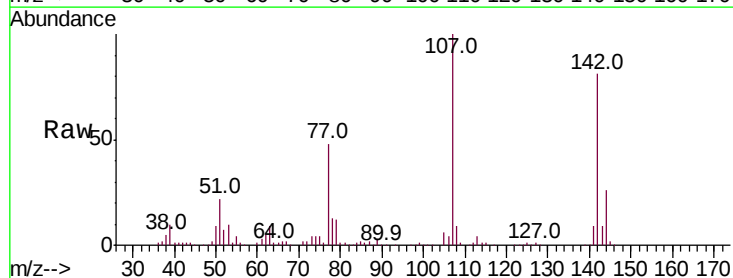
Tgt Ion:107 Resp: 399611

Ion Ratio Lower Upper

107 100

144 25.8 20.5 30.7

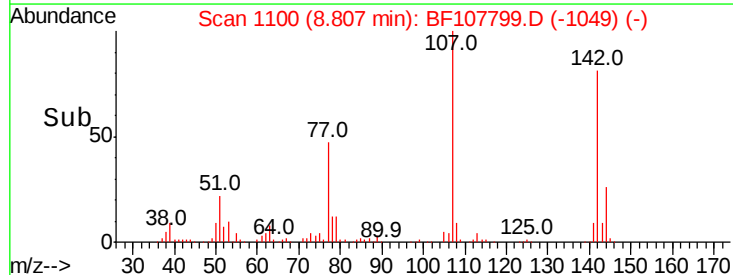
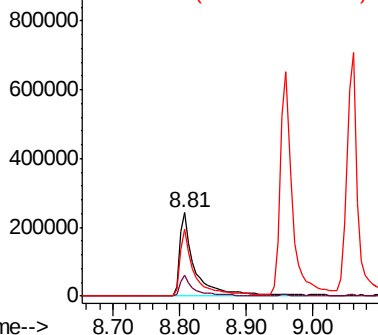
142 81.3 62.0 93.0

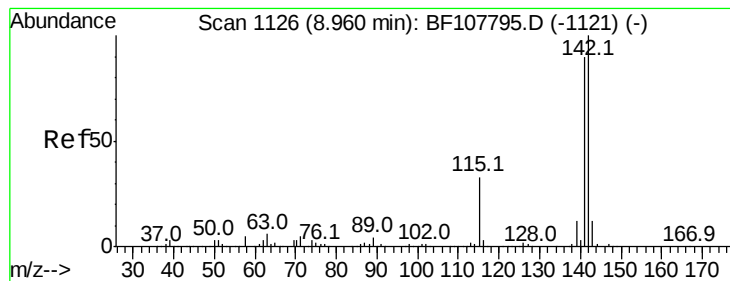


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 39.806 ng

RT: 8.96 min Scan# 1126

Delta R.T. -0.00 min

Lab File: BF107799.D

Acq: 30 Jul 2018 14:53

Instrument :

BNA_F

ClientSampled :

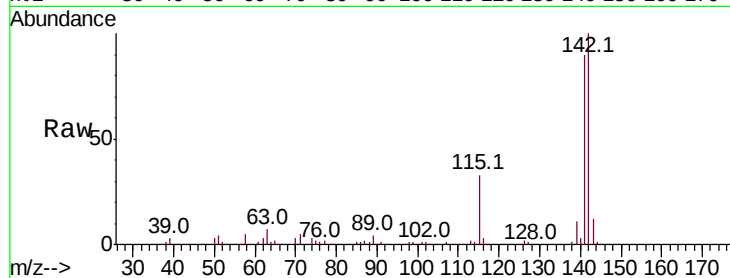
Tot Ion:142 Resp: 776267

Ion Ratio Lower Upper

142 100

141 90.0 70.8 106.2

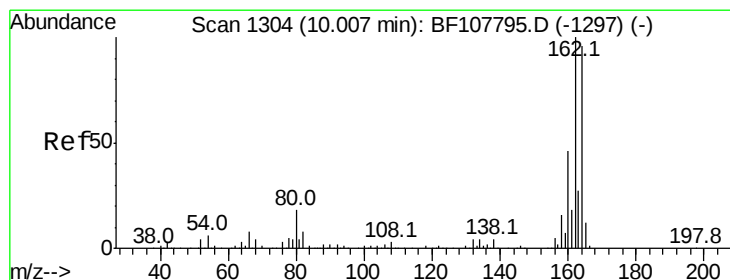
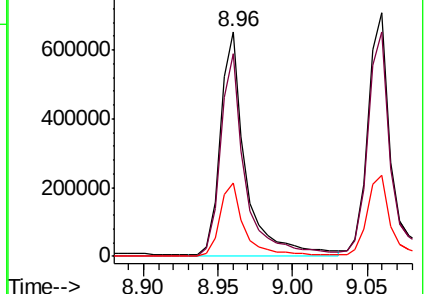
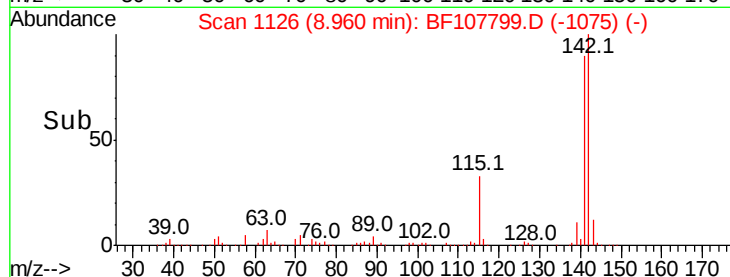
115 32.9 26.1 39.1



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.01 min Scan# 1304

Delta R.T. -0.00 min

Lab File: BF107799.D

Acq: 30 Jul 2018 14:53

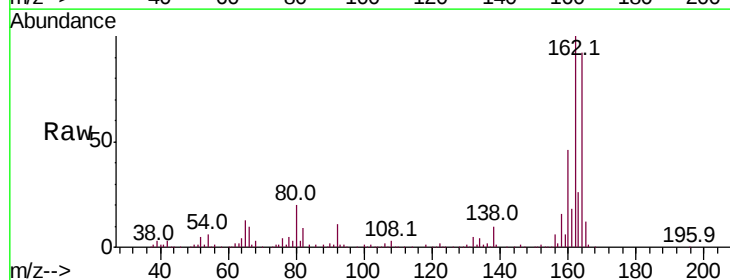
Tgt Ion:164 Resp: 307010

Ion Ratio Lower Upper

164 100

162 108.6 86.1 129.1

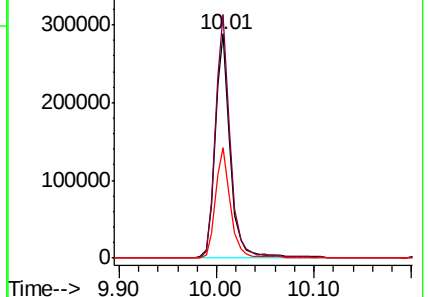
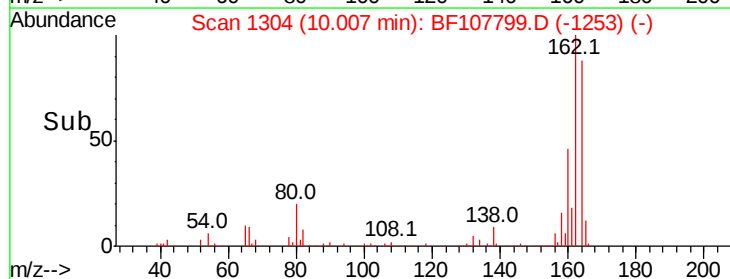
160 49.5 38.3 57.5

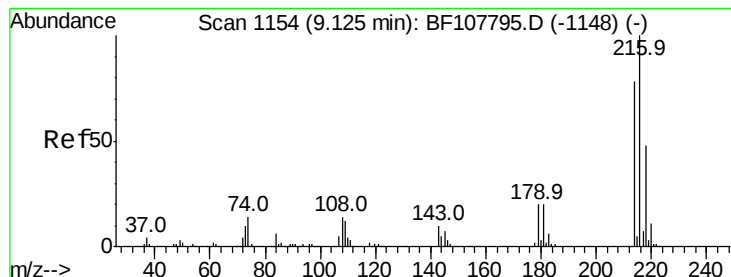


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 39.995 ng

RT: 9.12 min Scan# 1154

Delta R.T. -0.00 min

Lab File: BF107799.D

Acq: 30 Jul 2018 14:53

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216 Resp: 418644

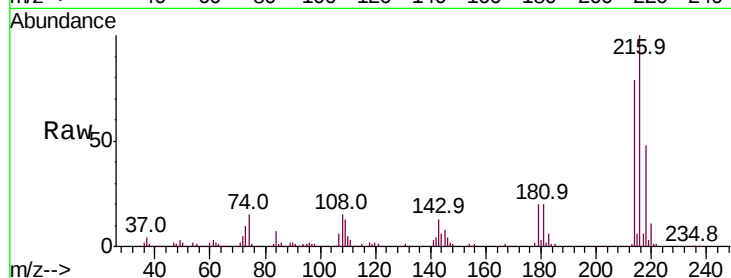
Ion Ratio Lower Upper

216 100

214 79.1 63.0 94.4

179 20.1 18.1 27.1

108 16.7 17.2 25.8#

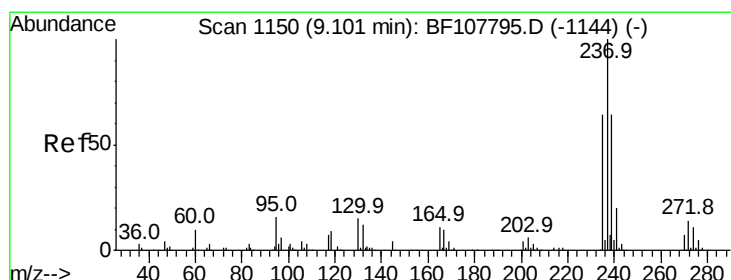
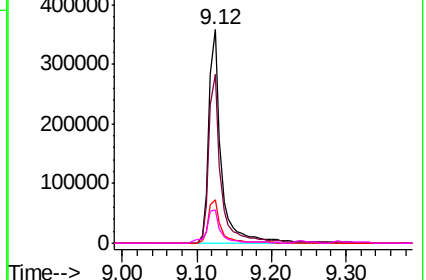
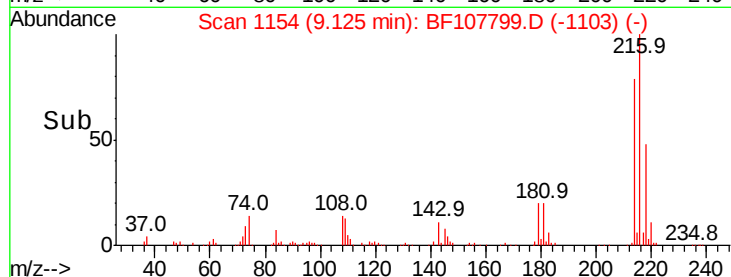


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 38.011 ng

RT: 9.10 min Scan# 1150

Delta R.T. 0.00 min

Lab File: BF107799.D

Acq: 30 Jul 2018 14:53

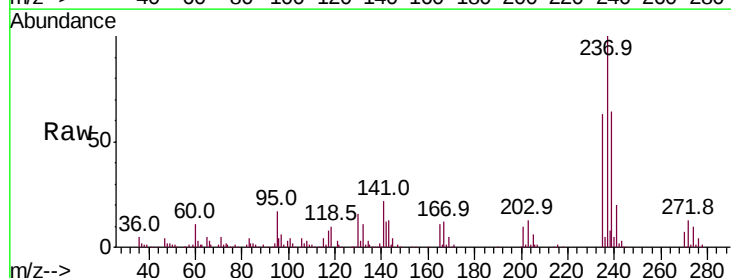
Tgt Ion:237 Resp: 151949

Ion Ratio Lower Upper

237 100

235 62.6 44.8 84.8

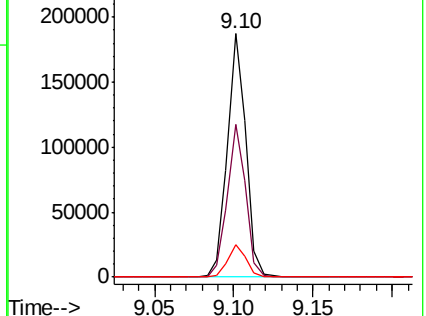
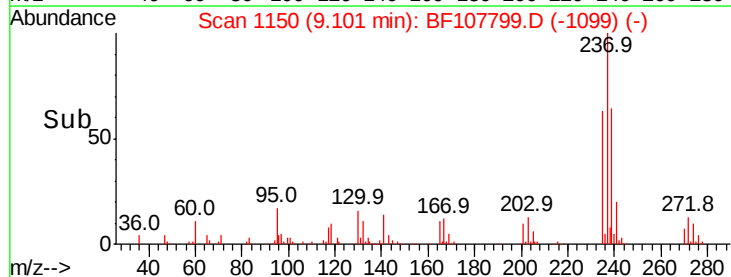
272 13.1 0.0 33.3

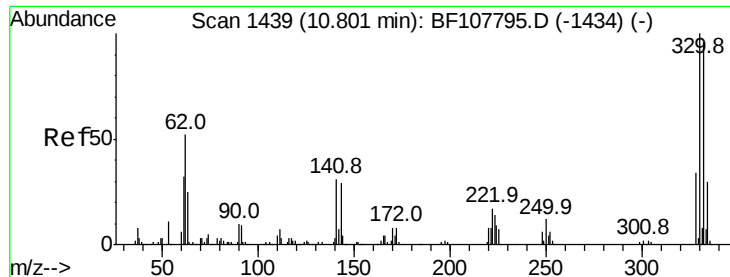


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

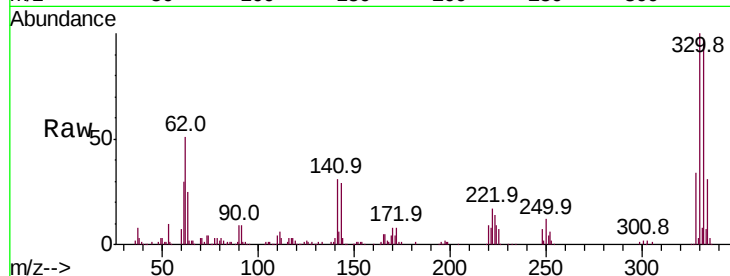




#41
 2,4,6-Tribromophenol
 Concen: 78.166 ng
 RT: 10.80 min Scan# 1439
 Delta R.T. -0.00 min
 Lab File: BF107799.D
 Acq: 30 Jul 2018 14:53

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.3	77.0	115.6
141	26.6	29.9	44.9#

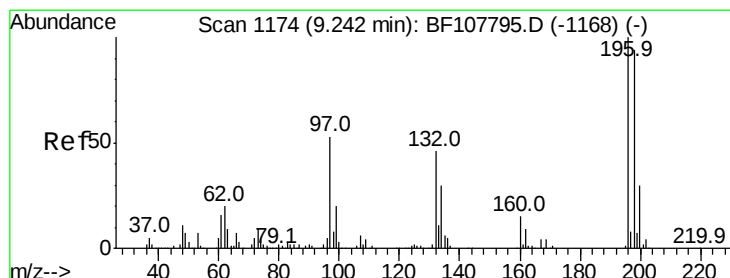
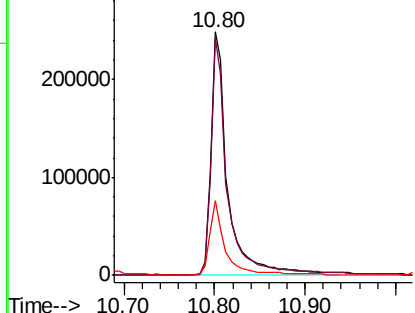
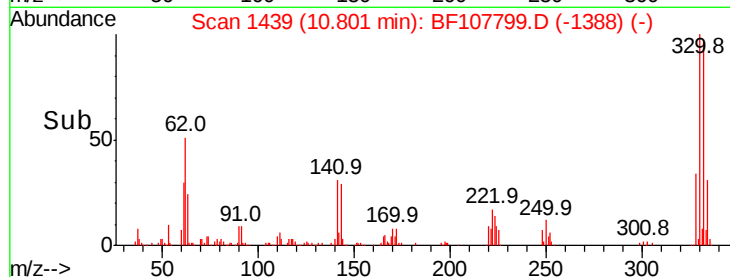


Abundance

Ion 329.80 (329.50 to 330.50): E

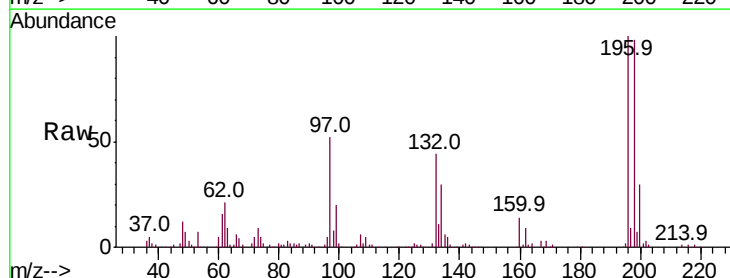
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#42
 2,4,6-Trichlorophenol
 Concen: 41.088 ng
 RT: 9.24 min Scan# 1174
 Delta R.T. -0.00 min
 Lab File: BF107799.D
 Acq: 30 Jul 2018 14:53

Tgt Ion	Ratio	Lower	Upper
196	100		
198	97.9	75.7	113.5
200	30.2	24.5	36.7

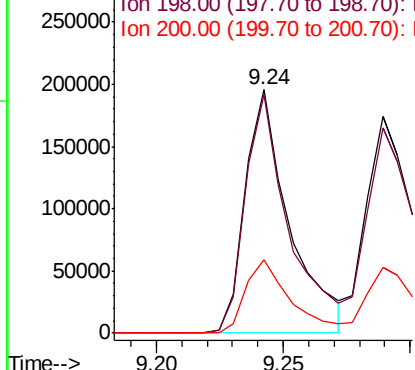
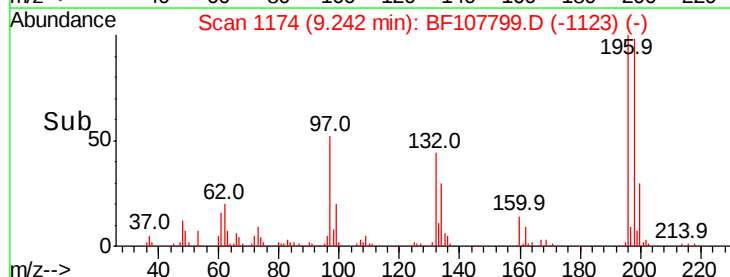


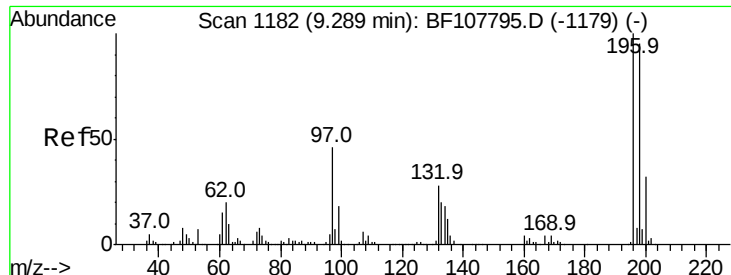
Abundance

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

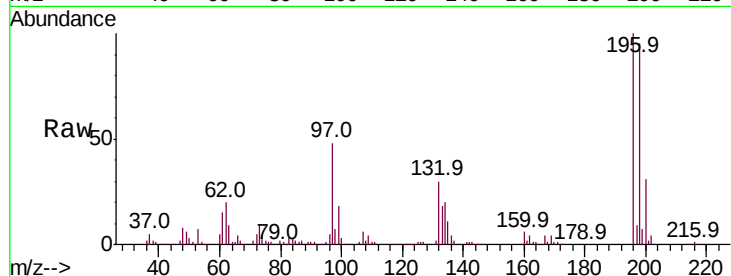




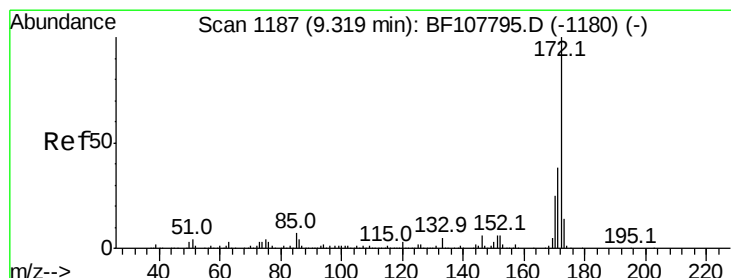
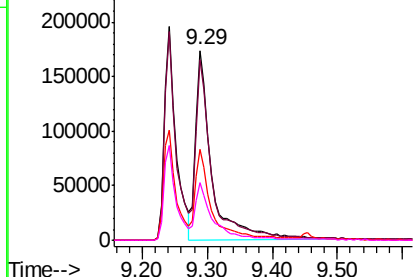
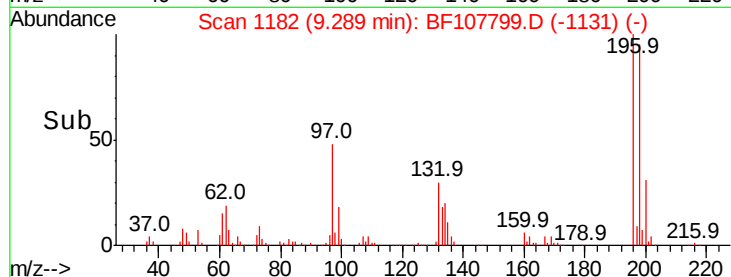
#43
 2,4,5-Trichlorophenol
 Concen: 42.830 ng
 RT: 9.29 min Scan# 1182
 Delta R.T. -0.00 min
 Lab File: BF107799.D
 Acq: 30 Jul 2018 14:53

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:196 Resp: 298373
 Ion Ratio Lower Upper
 196 100
 198 95.0 74.6 112.0
 97 47.6 42.9 64.3
 132 30.1 26.3 39.5

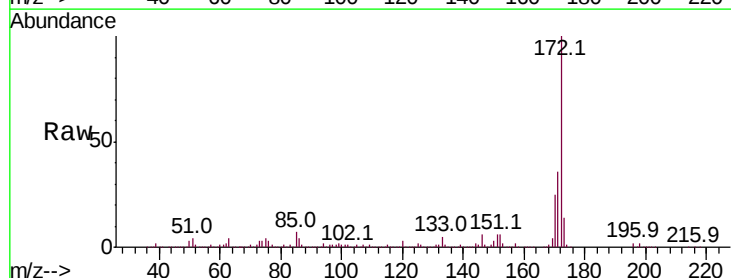


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E

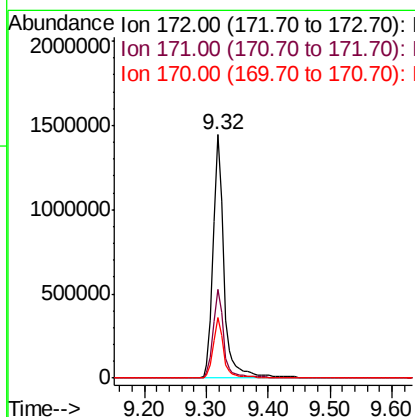
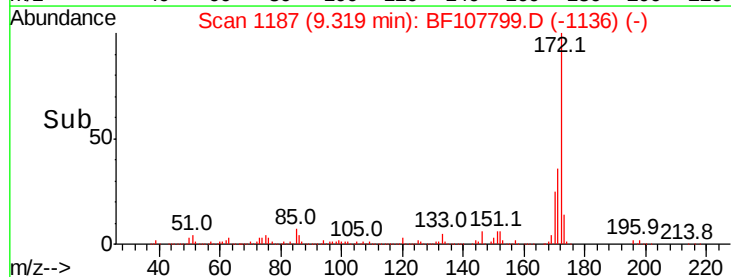


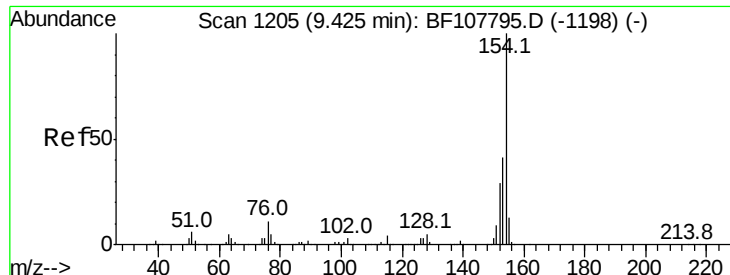
#44
 2-Fluorobiphenyl
 Concen: 78.698 ng
 RT: 9.32 min Scan# 1187
 Delta R.T. -0.00 min
 Lab File: BF107799.D
 Acq: 30 Jul 2018 14:53

Tgt Ion:172 Resp: 1733856
 Ion Ratio Lower Upper
 172 100
 171 36.3 29.7 44.5
 170 24.9 19.6 29.4



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



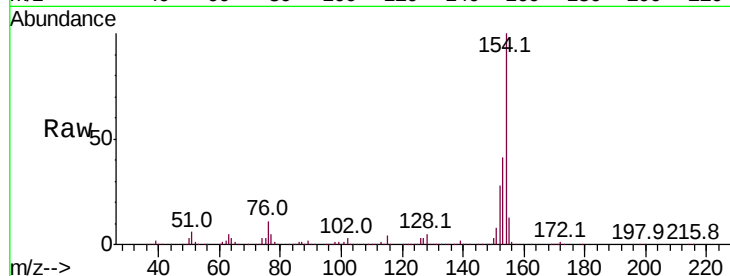


#45
 1,1'-Biphenyl
 Concen: 39.944 ng
 RT: 9.42 min Scan# 1205
 Delta R.T. -0.00 min
 Lab File: BF107799.D
 Acq: 30 Jul 2018 14:53

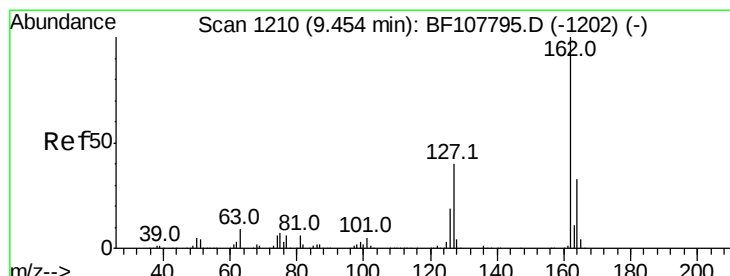
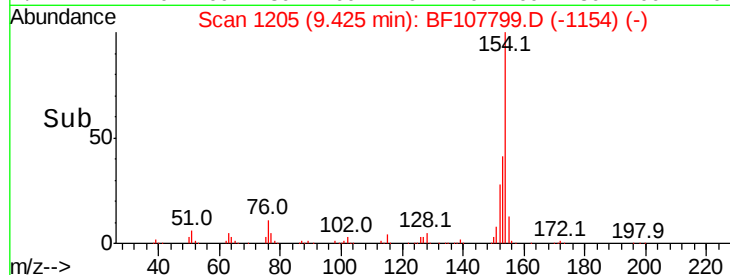
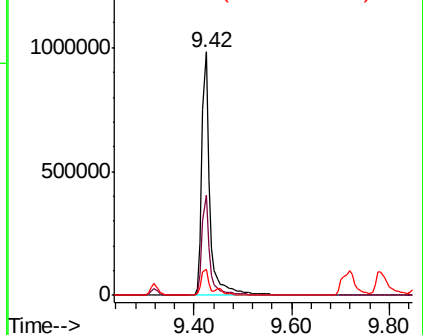
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:154 Resp: 1116015

Ion	Ratio	Lower	Upper
154	100		
153	41.1	21.3	61.3
76	10.9	0.0	34.0



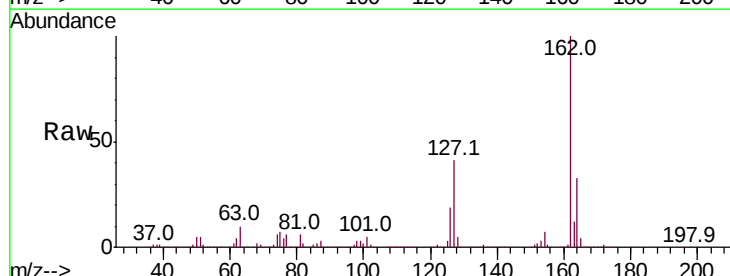
Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF1



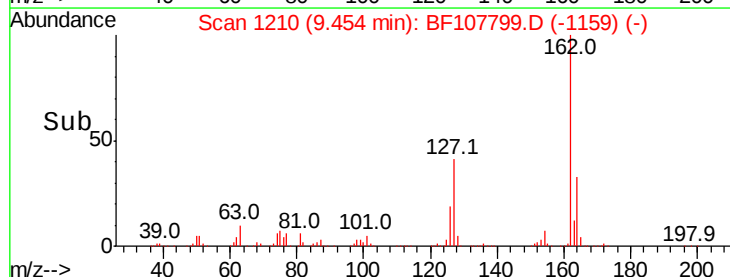
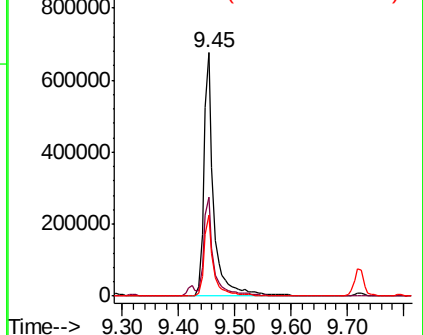
#46
 2-Chloronaphthalene
 Concen: 39.428 ng
 RT: 9.45 min Scan# 1210
 Delta R.T. -0.00 min
 Lab File: BF107799.D
 Acq: 30 Jul 2018 14:53

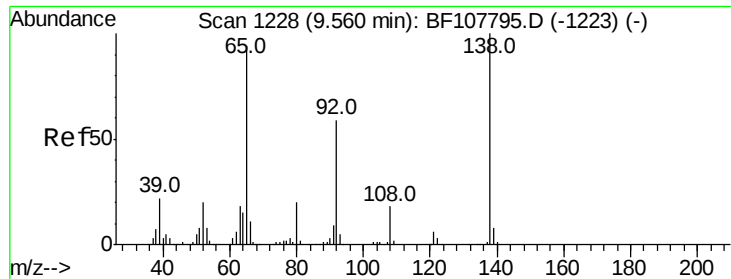
Tgt Ion:162 Resp: 830718

Ion	Ratio	Lower	Upper
162	100		
127	40.8	33.9	50.9
164	33.3	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

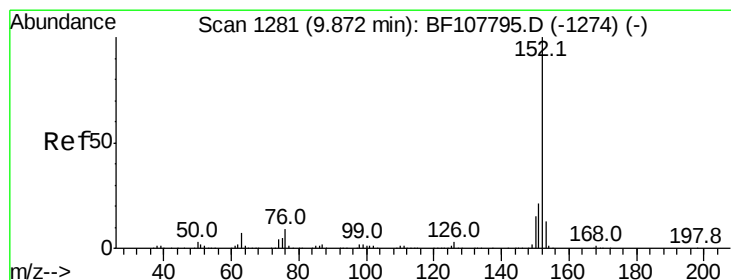
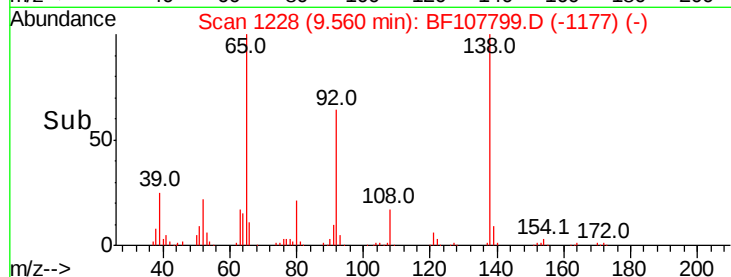
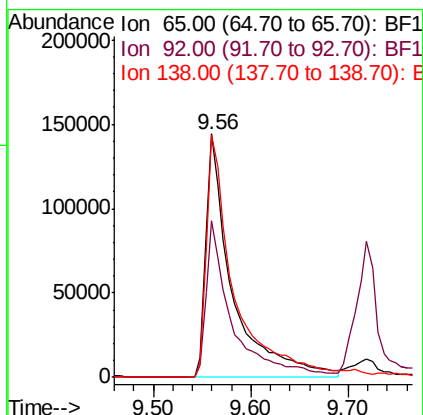
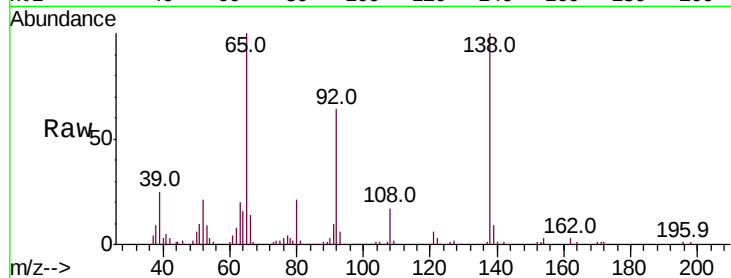




#47
2-Nitroaniline
Concen: 39.560 ng
RT: 9.56 min Scan# 1228
Delta R.T. -0.00 min
Lab File: BF107799.D
Acq: 30 Jul 2018 14:53

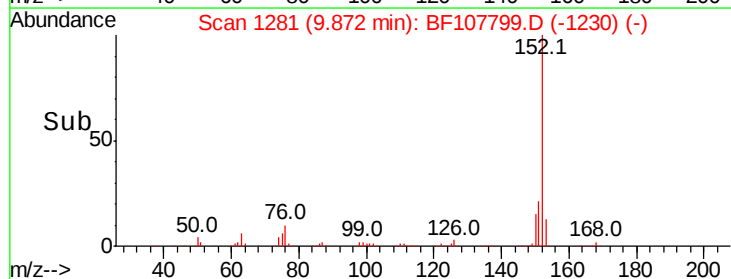
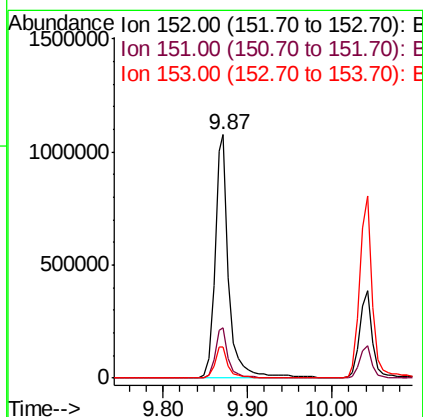
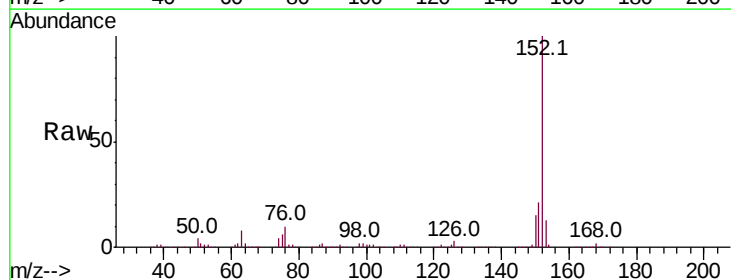
Instrument :
BNA_F
ClientSampleId :

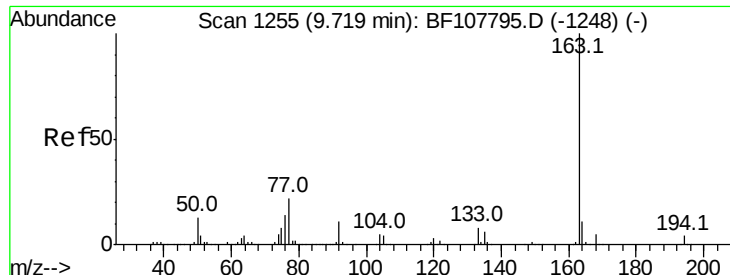
Tot Ion: 65 Resp: 271116
Ion Ratio Lower Upper
65 100
92 64.1 55.8 83.6
138 99.6 91.2 136.8



#48
Acenaphthylene
Concen: 37.894 ng
RT: 9.87 min Scan# 1281
Delta R.T. -0.00 min
Lab File: BF107799.D
Acq: 30 Jul 2018 14:53

Tgt Ion: 152 Resp: 1237750
Ion Ratio Lower Upper
152 100
151 20.6 16.3 24.5
153 12.9 10.7 16.1

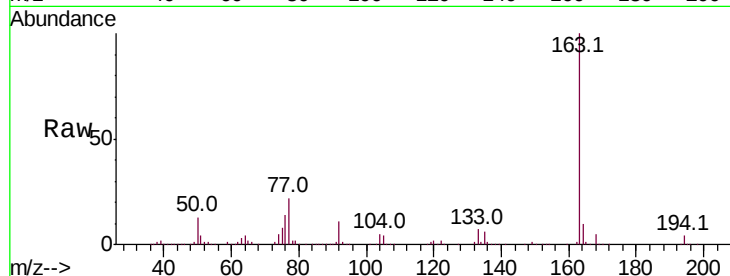




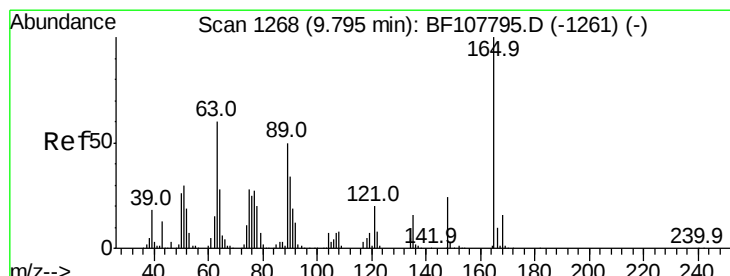
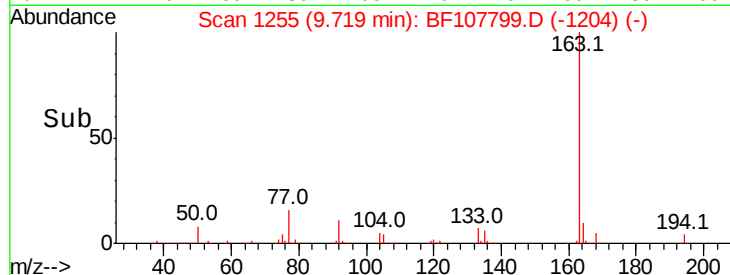
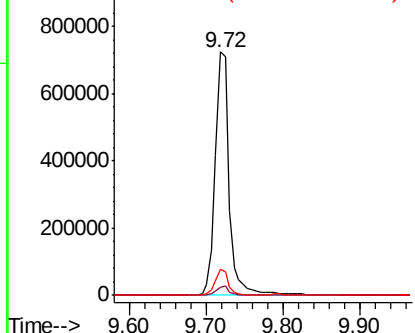
#49
Dimethylphthalate
Concen: 39.299 ng
RT: 9.72 min Scan# 1255
Delta R.T. -0.00 min
Lab File: BF107799.D
Acq: 30 Jul 2018 14:53

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 906103
Ion Ratio Lower Upper
163 100
194 3.5 2.7 4.1
164 10.5 8.2 12.2

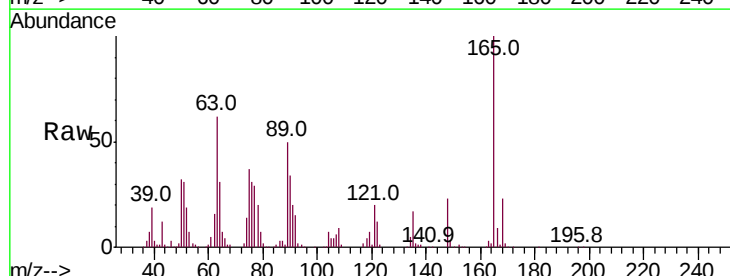


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

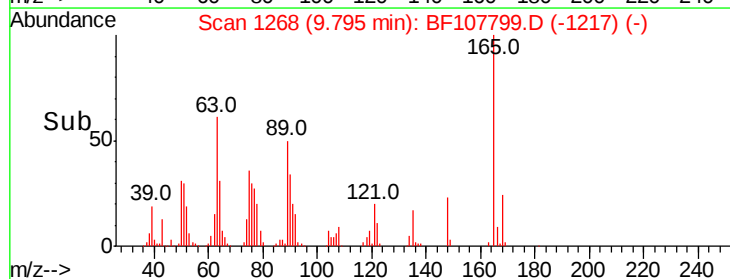
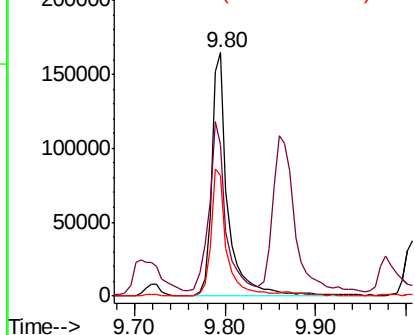


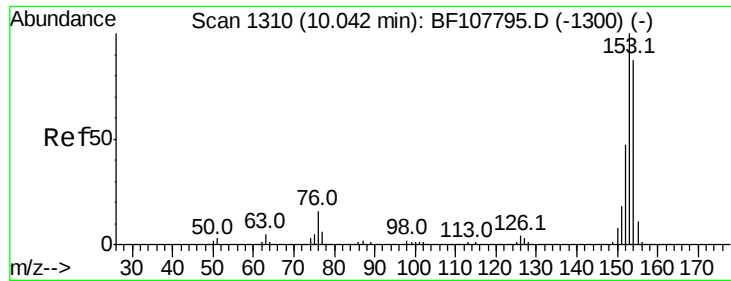
#50
2,6-Dinitrotoluene
Concen: 40.888 ng
RT: 9.80 min Scan# 1268
Delta R.T. -0.00 min
Lab File: BF107799.D
Acq: 30 Jul 2018 14:53

Tgt Ion:165 Resp: 204875
Ion Ratio Lower Upper
165 100
63 62.3 44.7 67.1
89 49.8 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: 37.283 ng

RT: 10.04 min Scan# 1310

Delta R.T. -0.00 min

Lab File: BF107799.D

Acq: 30 Jul 2018 14:53

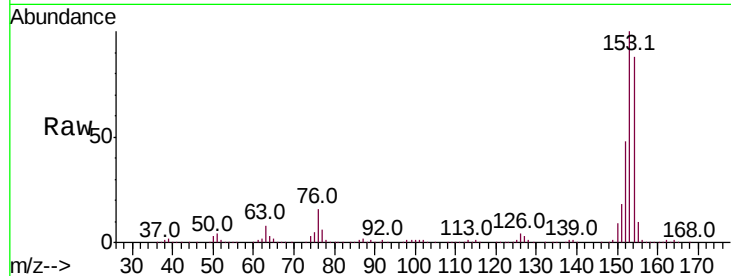
Instrument :

BNA_F

ClientSampleId :

Tot Ion:154 Resp: 707420

Ion	Ratio	Lower	Upper
154	100		
153	113.9	91.2	136.8
152	55.1	43.8	65.8

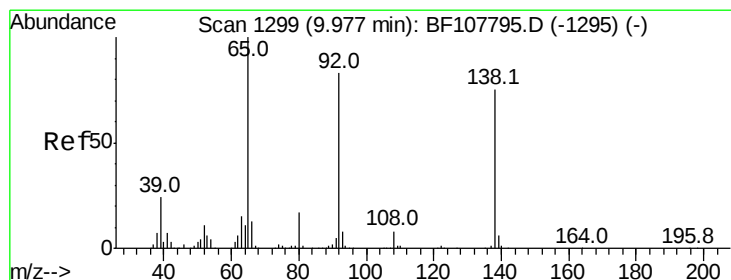
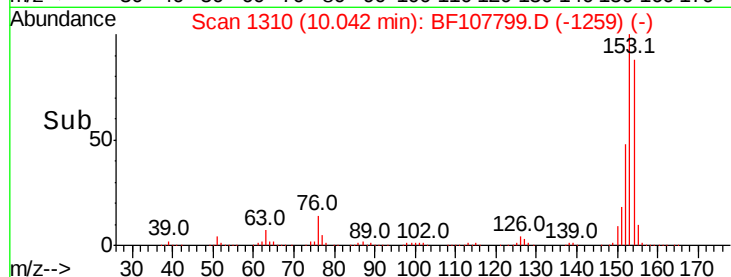
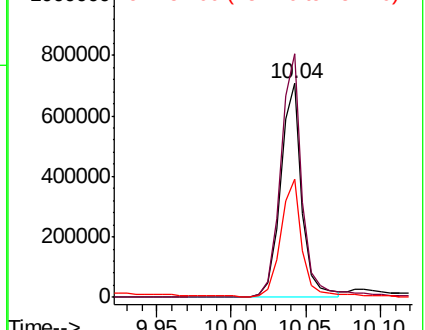


Abundance

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: 39.392 ng

RT: 9.98 min Scan# 1299

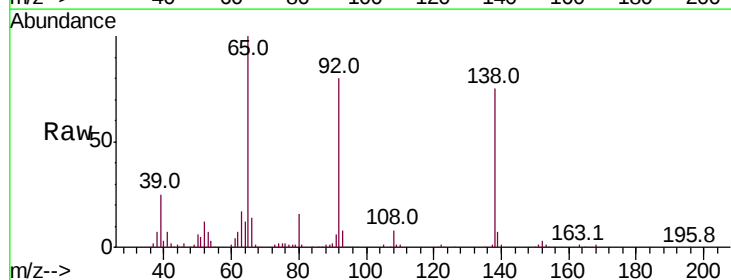
Delta R.T. -0.00 min

Lab File: BF107799.D

Acq: 30 Jul 2018 14:53

Tgt Ion:138 Resp: 248723

Ion	Ratio	Lower	Upper
138	100		
108	11.3	9.4	14.0
92	106.8	89.4	134.2

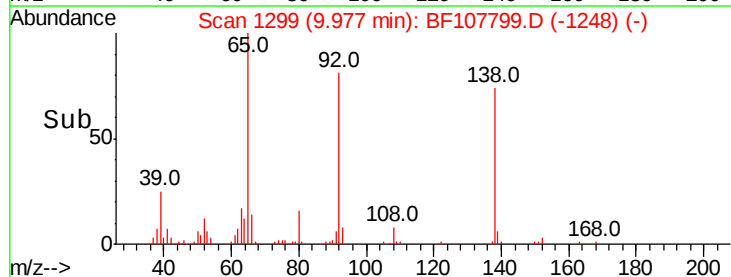
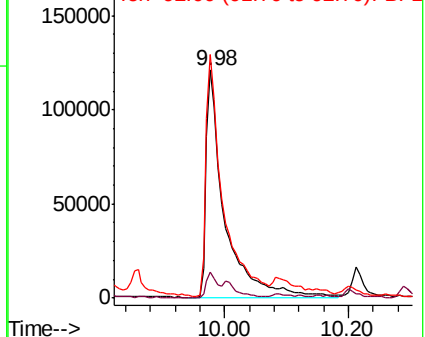


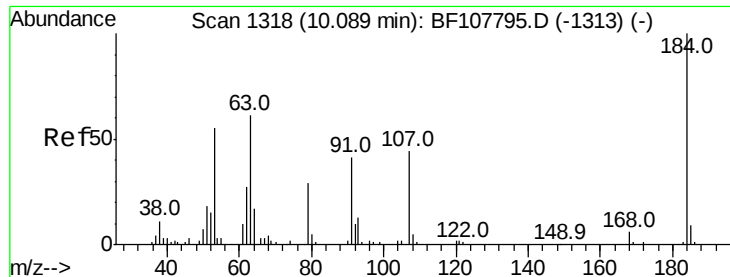
Abundance

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

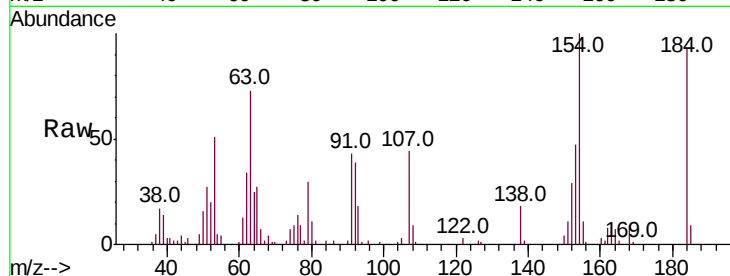




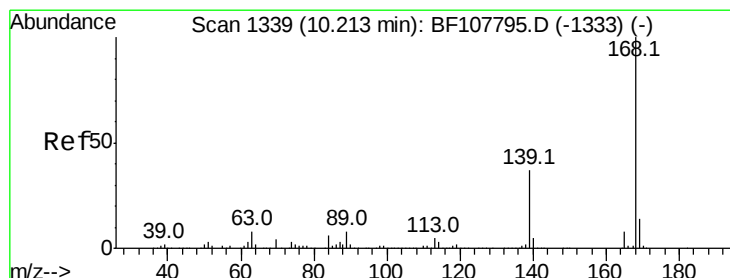
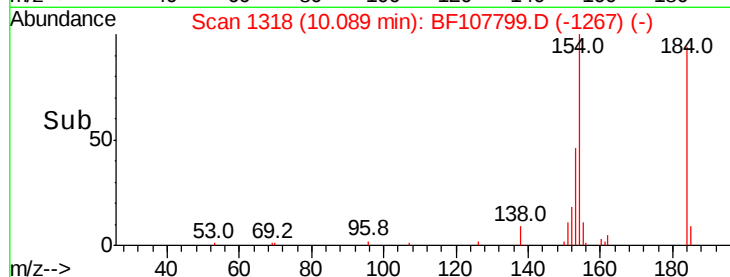
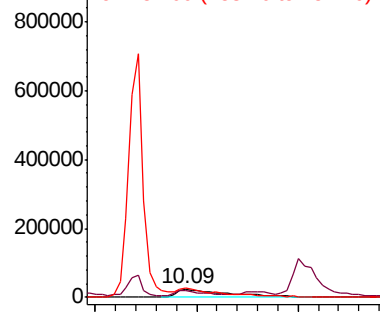
#53
 2,4-Dinitrophenol
 Concen: 36.537 ng
 RT: 10.09 min Scan# 1318
 Delta R.T. 0.00 min
 Lab File: BF107799.D
 Acq: 30 Jul 2018 14:53

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:184 Resp: 82951
 Ion Ratio Lower Upper
 184 100
 63 78.7 54.2 81.2
 154 108.1 184.0 276.0#

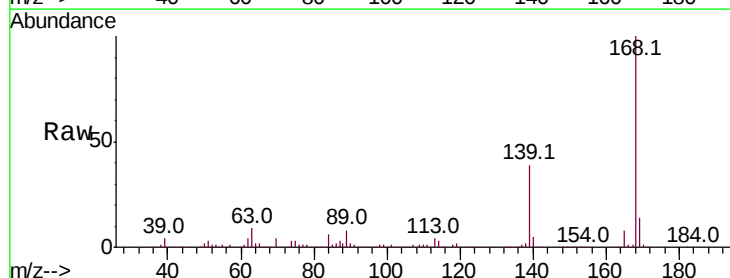


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 154.00 (153.70 to 154.70): E

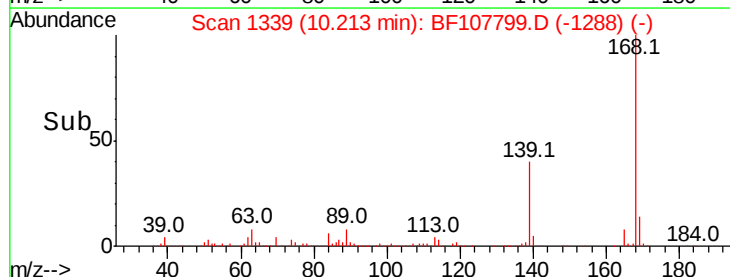
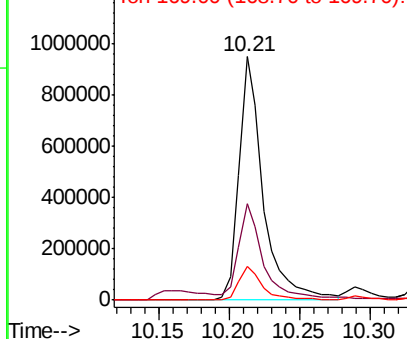


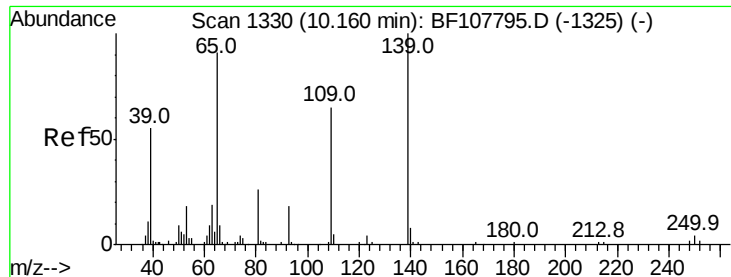
#54
 Dibenzofuran
 Concen: 38.650 ng
 RT: 10.21 min Scan# 1339
 Delta R.T. -0.00 min
 Lab File: BF107799.D
 Acq: 30 Jul 2018 14:53

Tgt Ion:168 Resp: 1133502
 Ion Ratio Lower Upper
 168 100
 139 39.3 30.1 45.1
 169 13.7 10.9 16.3



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

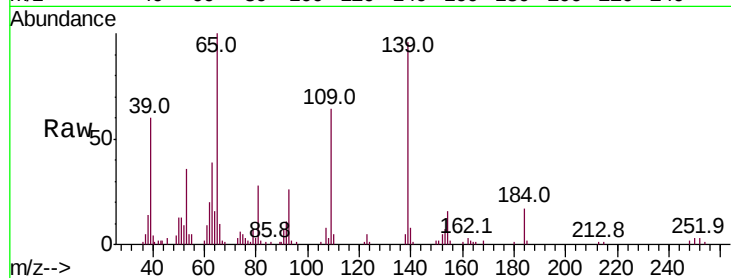




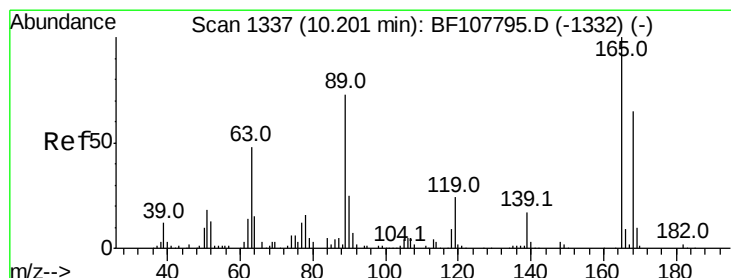
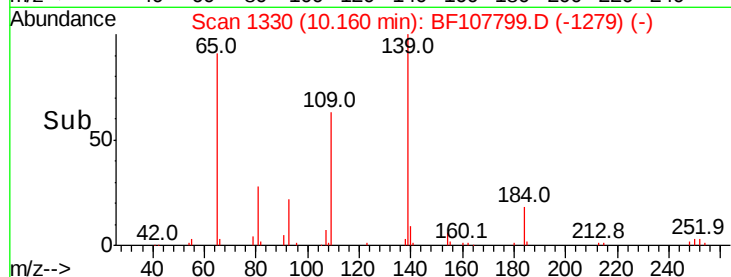
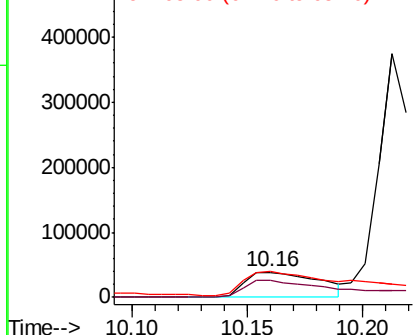
#55
4-Nitrophenol
Concen: 34.772 ng
RT: 10.16 min Scan# 1330
Delta R.T. 0.00 min
Lab File: BF107799.D
Acq: 30 Jul 2018 14:53

Instrument :
BNA_F
ClientSampled :

Tot Ion:139 Resp: 85624
Ion Ratio Lower Upper
139 100
109 66.3 48.4 88.4
65 104.2 72.6 112.6

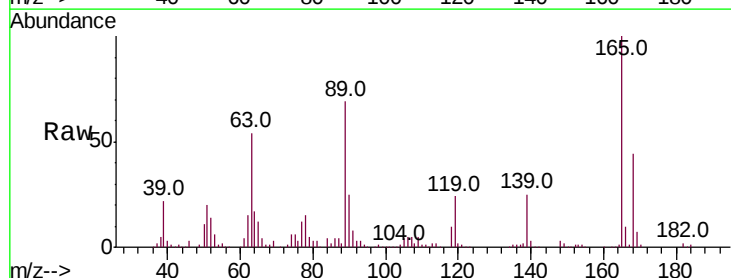


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1

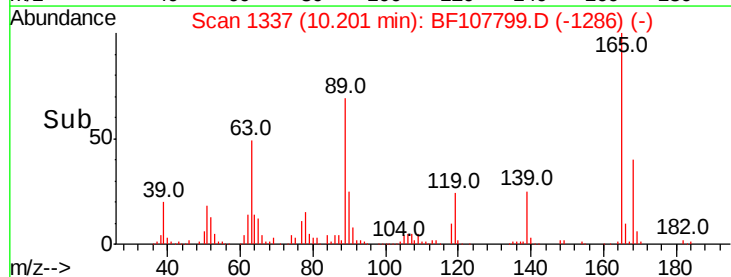
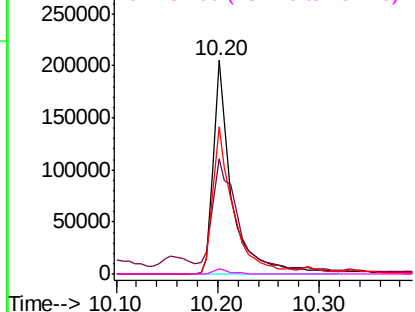


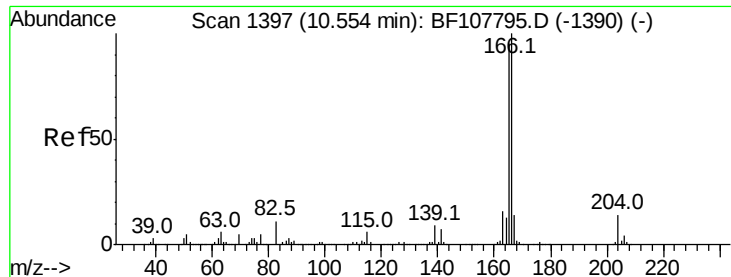
#56
2,4-Dinitrotoluene
Concen: 39.883 ng
RT: 10.20 min Scan# 1337
Delta R.T. -0.00 min
Lab File: BF107799.D
Acq: 30 Jul 2018 14:53

Tgt Ion:165 Resp: 262659
Ion Ratio Lower Upper
165 100
63 54.0 36.4 54.6
89 69.0 57.8 86.6
182 2.4 1.6 2.4



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

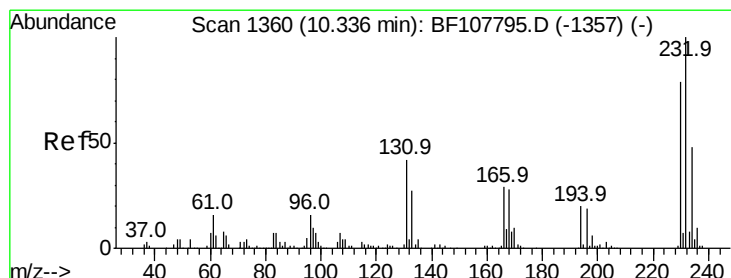
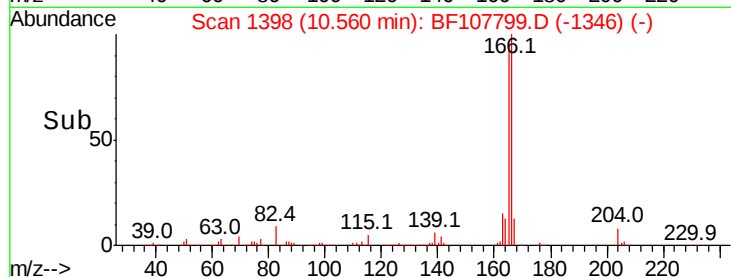
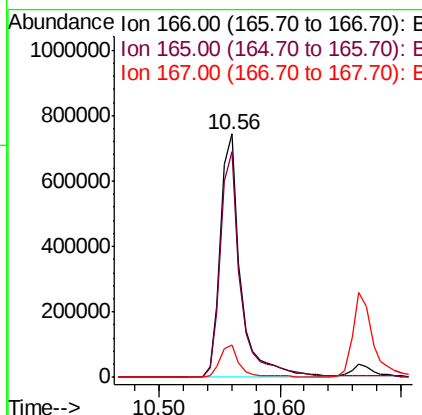
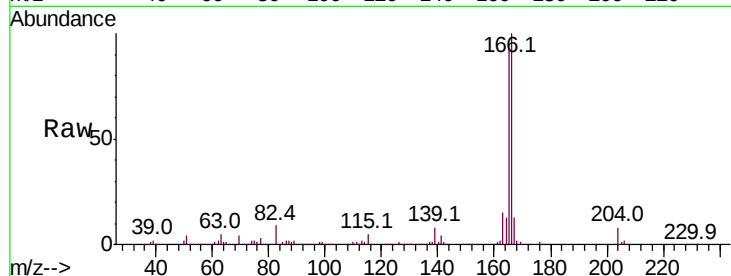




#57
 Fluorene
 Concen: 38.035 ng
 RT: 10.56 min Scan# 1398
 Delta R.T. 0.01 min
 Lab File: BF107799.D
 Acq: 30 Jul 2018 14:53

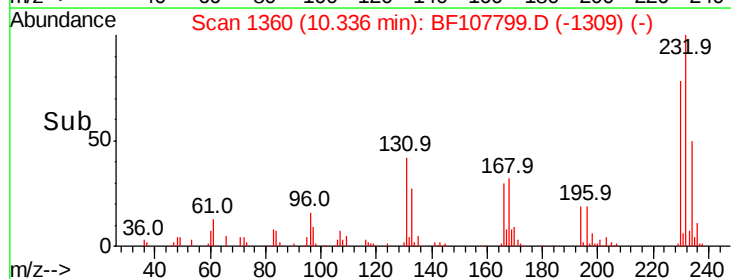
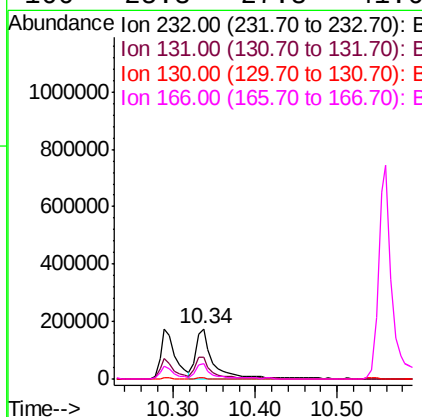
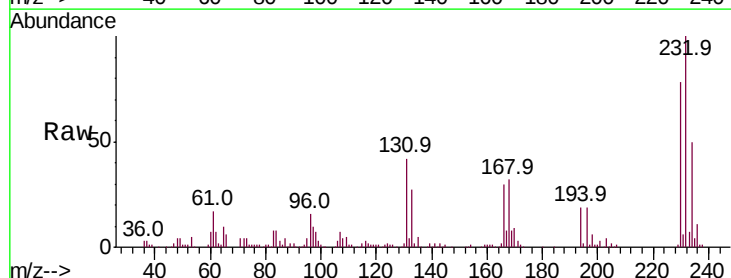
Instrument :
 BNA_F
 ClientSampleId :

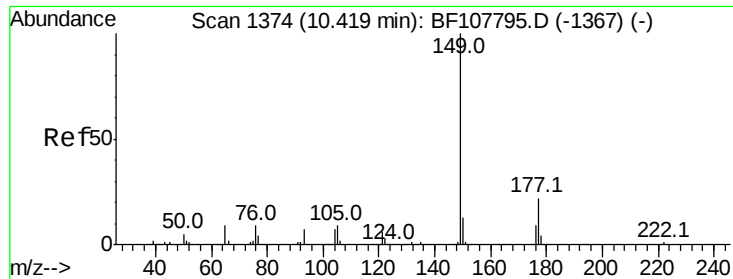
Tot Ion	Ratio	Lower	Upper
166	100		
165	92.9	79.8	119.8
167	13.2	10.6	16.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 39.844 ng
 RT: 10.34 min Scan# 1360
 Delta R.T. -0.00 min
 Lab File: BF107799.D
 Acq: 30 Jul 2018 14:53

Tgt Ion	Ratio	Lower	Upper
232	100		
131	38.1	43.8	65.8#
130	1.9	2.1	3.1#
166	25.3	27.8	41.6#

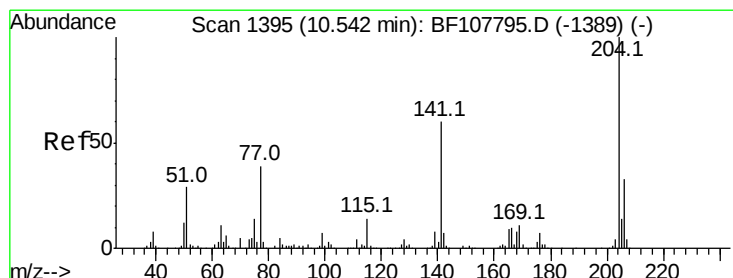
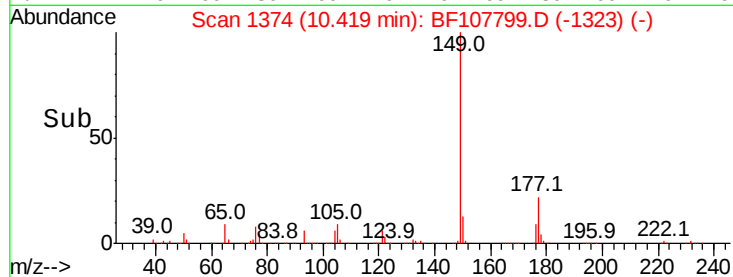
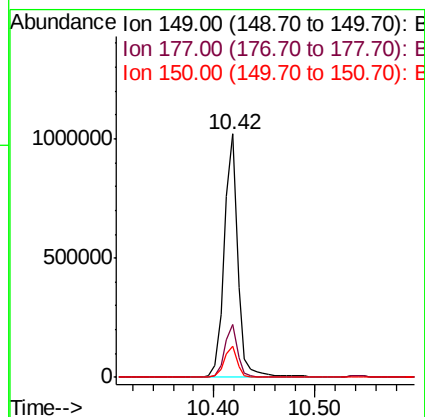
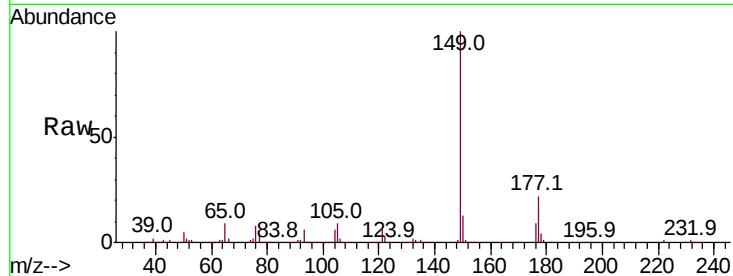




#59
 Diethylphthalate
 Concen: 38.431 ng
 RT: 10.42 min Scan# 1374
 Delta R.T. -0.00 min
 Lab File: BF107799.D
 Acq: 30 Jul 2018 14:53

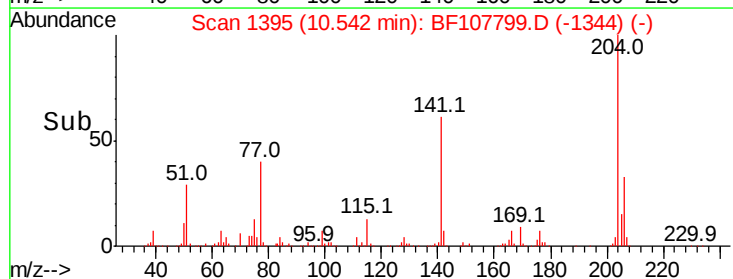
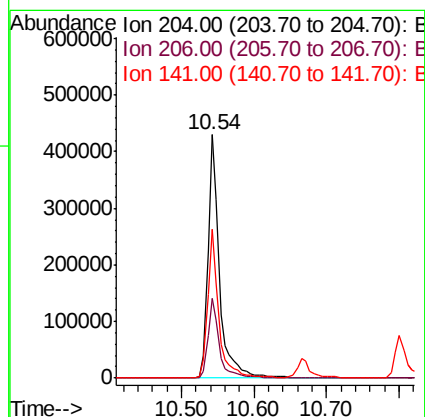
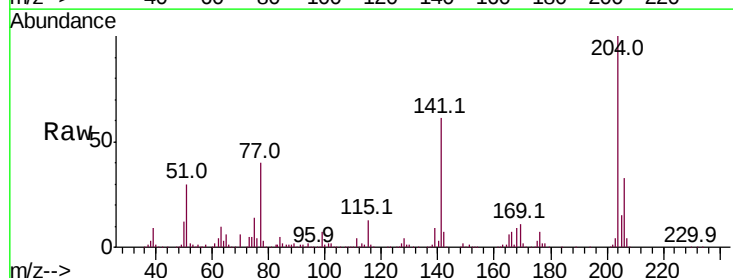
Instrument :
 BNA_F
 ClientSampled :

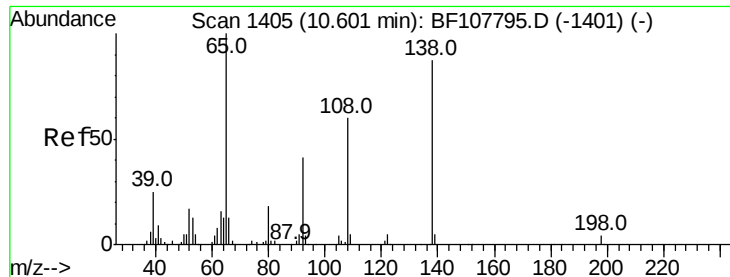
Tot Ion:149	Resp: 952709
Ion Ratio	Lower Upper
149 100	
177 21.8	16.1 24.1
150 12.9	10.1 15.1



#60
 4-Chlorophenyl-phenylether
 Concen: 38.498 ng
 RT: 10.54 min Scan# 1395
 Delta R.T. -0.00 min
 Lab File: BF107799.D
 Acq: 30 Jul 2018 14:53

Tgt	Ion:204	Resp:	477997
Ion	Ratio	Lower	Upper
204	100		
206	32.8	26.5	39.7
141	61.4	54.6	81.8

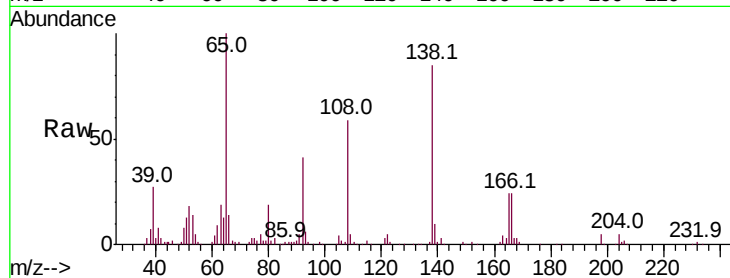




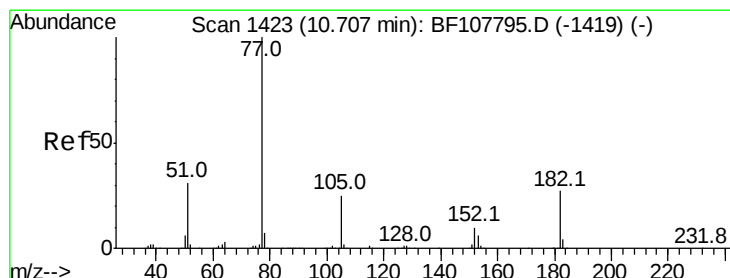
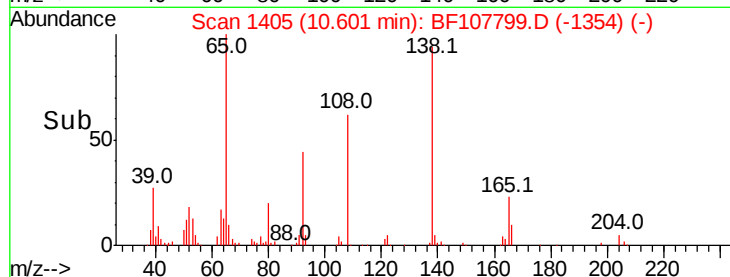
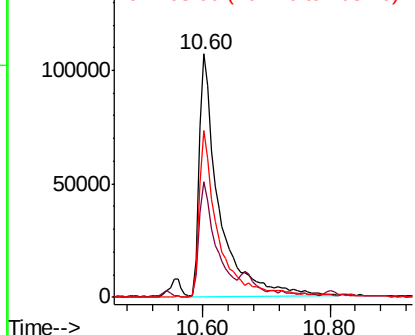
#61
4-Nitroaniline
Concen: 40.709 ng
RT: 10.60 min Scan# 1405
Delta R.T. -0.00 min
Lab File: BF107799.D
Acq: 30 Jul 2018 14:53

Instrument :
BNA_F
ClientSampled :

Tot Ion:138 Resp: 228106
Ion Ratio Lower Upper
138 100
92 47.6 30.2 70.2
108 68.8 52.5 92.5

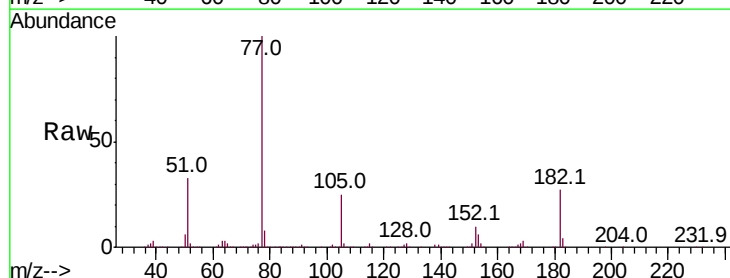


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF1
Ion 108.00 (107.70 to 108.70): E

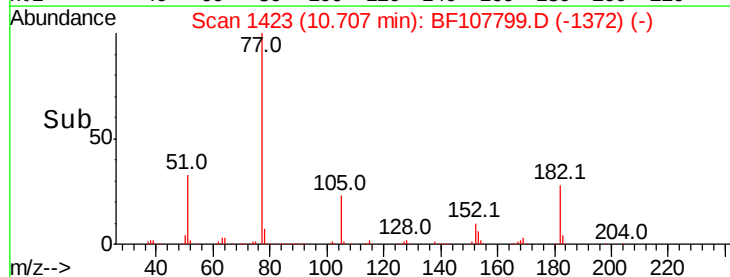
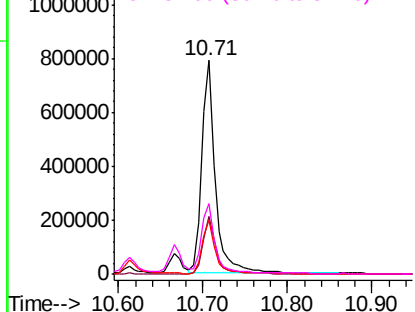


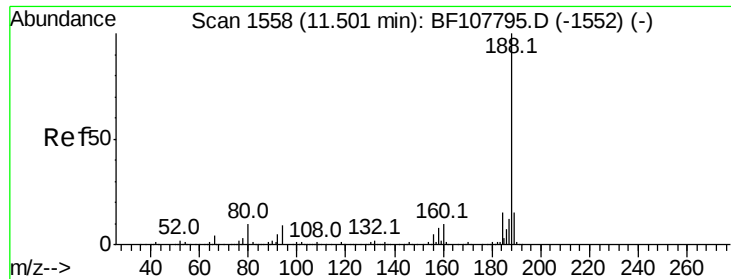
#62
Azobenzene
Concen: 37.652 ng
RT: 10.71 min Scan# 1423
Delta R.T. -0.00 min
Lab File: BF107799.D
Acq: 30 Jul 2018 14:53

Tgt Ion: 77 Resp: 869306
Ion Ratio Lower Upper
77 100
182 27.2 1.7 41.7
105 25.2 3.0 43.0
51 33.2 9.9 49.9



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

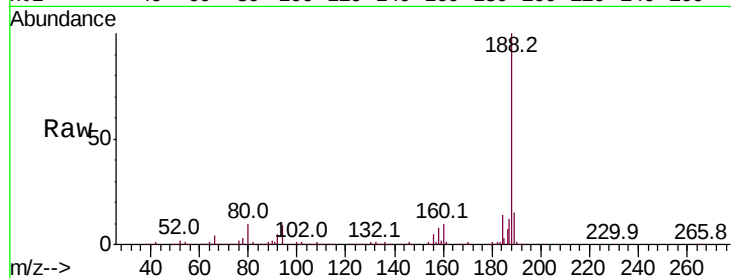




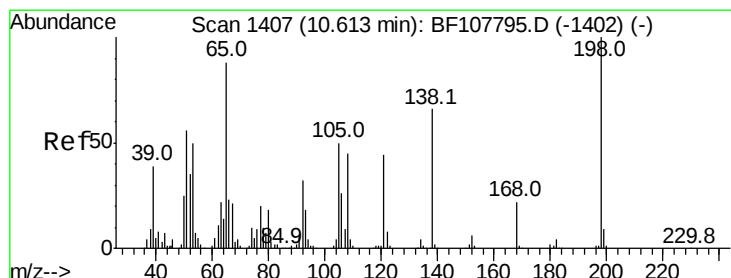
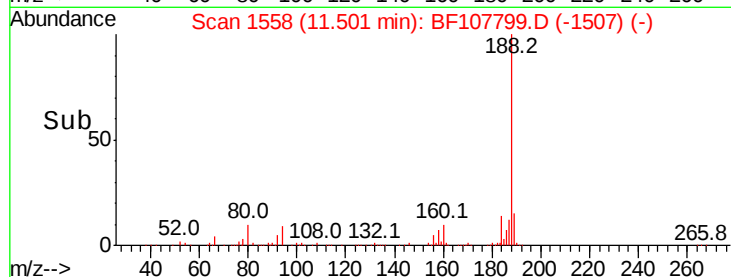
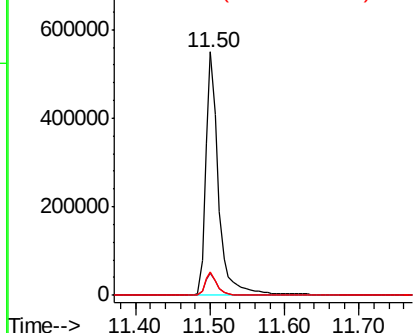
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1558
Delta R.T. -0.00 min
Lab File: BF107799.D
Acq: 30 Jul 2018 14:53

Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 661597
Ion Ratio Lower Upper
188 100
94 9.0 8.5 12.7
80 9.6 9.2 13.8

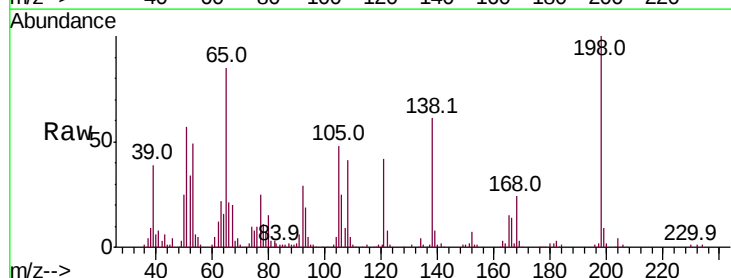


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

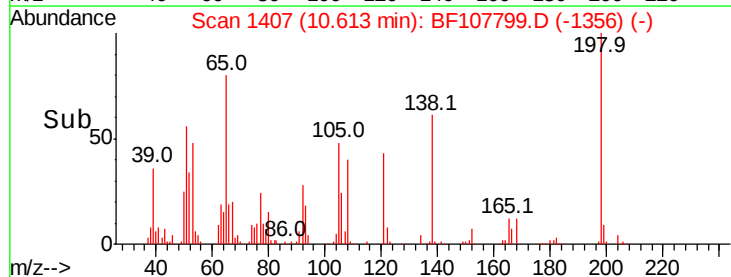
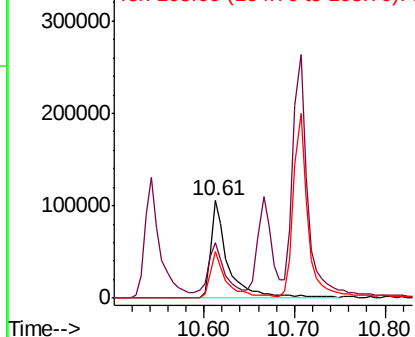


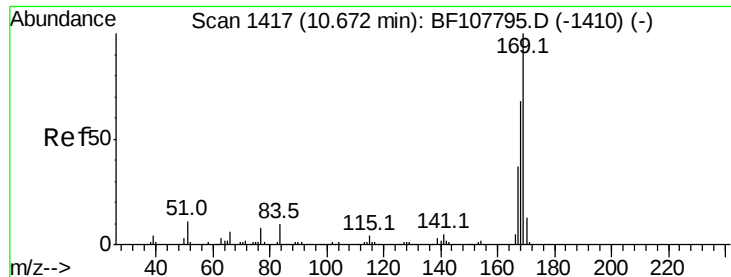
#64
4,6-Dinitro-2-methylphenol
Concen: 39.254 ng
RT: 10.61 min Scan# 1407
Delta R.T. -0.00 min
Lab File: BF107799.D
Acq: 30 Jul 2018 14:53

Tgt Ion:198 Resp: 141285
Ion Ratio Lower Upper
198 100
51 57.0 37.7 77.7
105 48.1 36.3 76.3



Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 37.533 ng

RT: 10.67 min Scan# 1416

Delta R.T. -0.01 min

Lab File: BF107799.D

Acq: 30 Jul 2018 14:53

Instrument :

BNA_F

ClientSampleId :

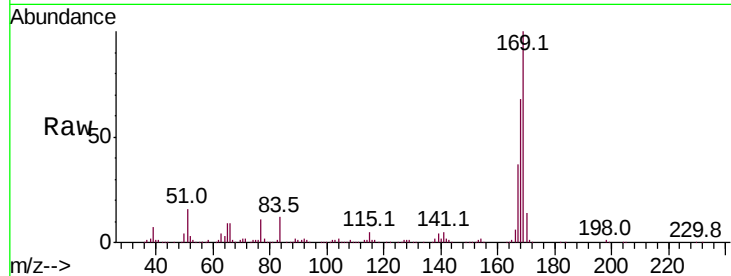
Tot Ion:169 Resp: 817634

Ion Ratio Lower Upper

169 100

168 67.8 54.4 81.6

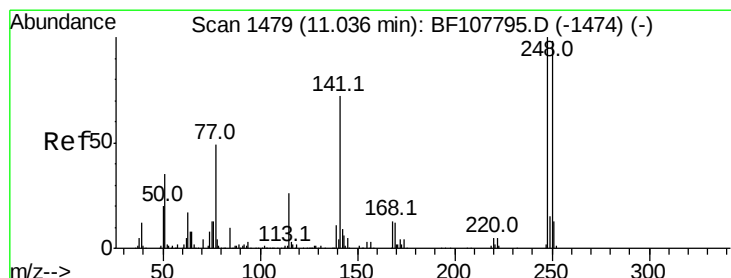
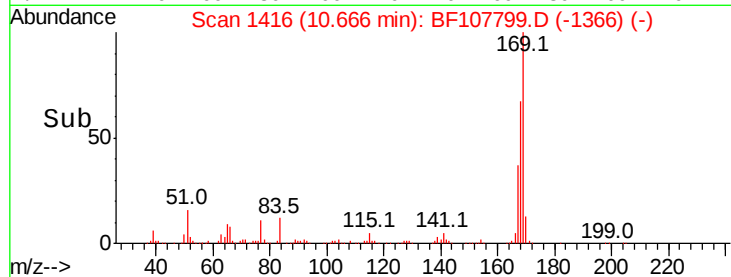
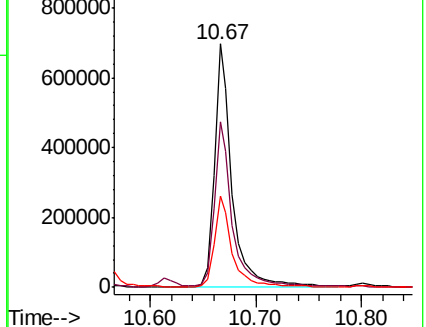
167 37.5 29.8 44.6



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 36.505 ng

RT: 11.04 min Scan# 1479

Delta R.T. -0.00 min

Lab File: BF107799.D

Acq: 30 Jul 2018 14:53

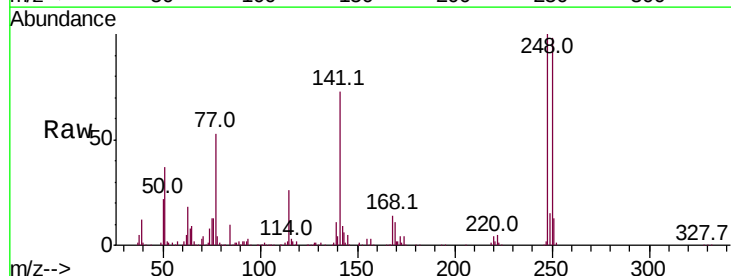
Tgt Ion:248 Resp: 281496

Ion Ratio Lower Upper

248 100

250 98.1 76.9 115.3

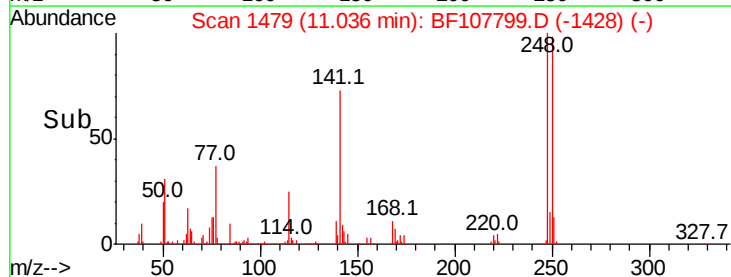
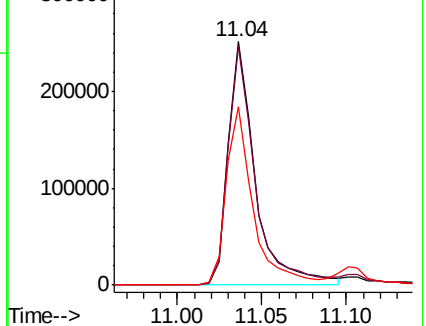
141 73.1 74.4 111.6#

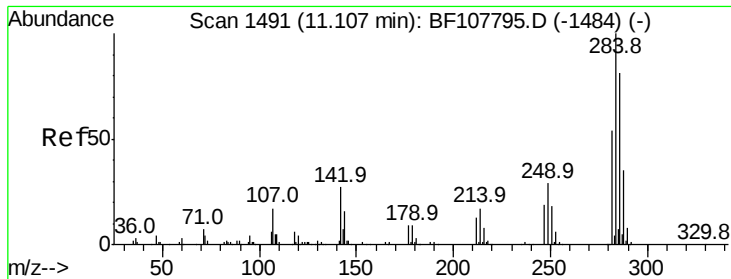


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

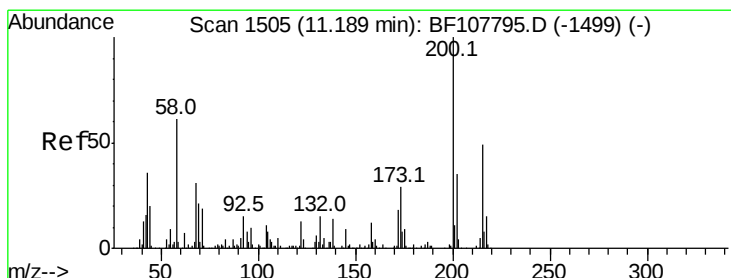
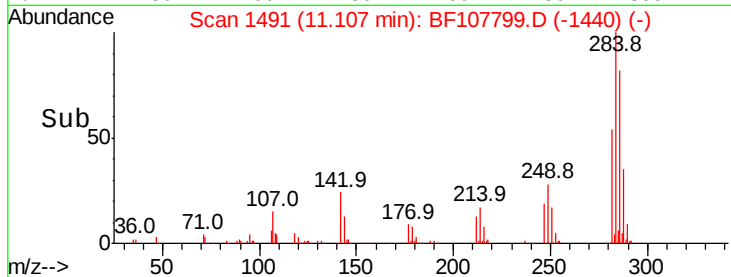
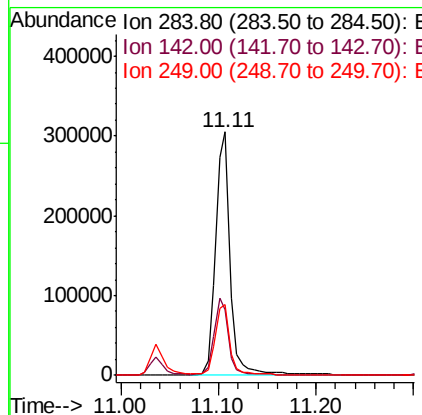
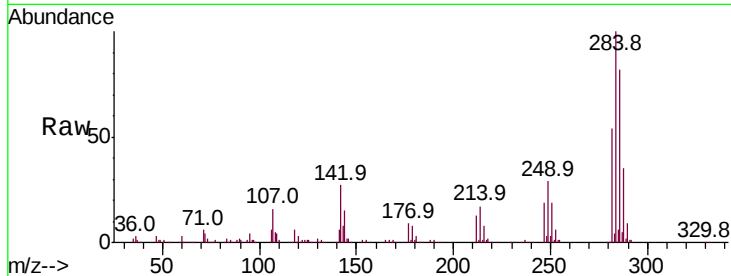




#67
Hexachlorobenzene
Concen: 37.227 ng
RT: 11.11 min Scan# 1491
Delta R.T. -0.00 min
Lab File: BF107799.D
Acq: 30 Jul 2018 14:53

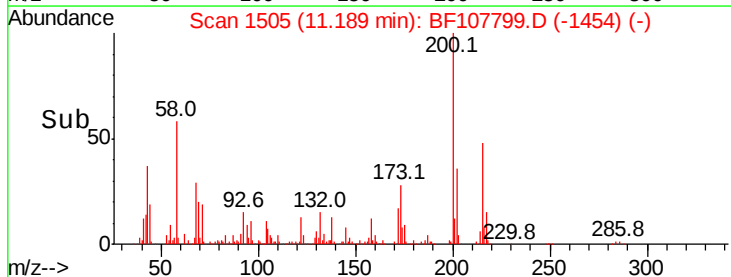
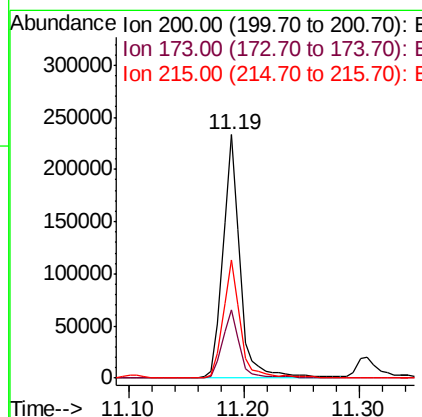
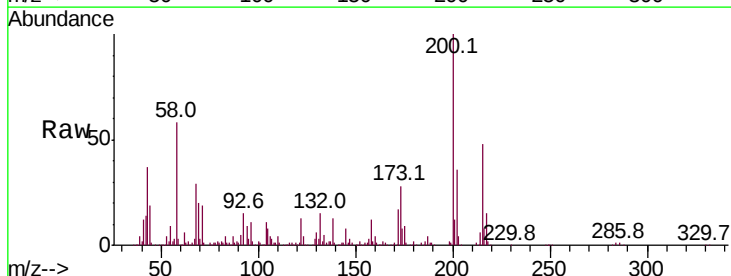
Instrument :
BNA_F
ClientSampleId :

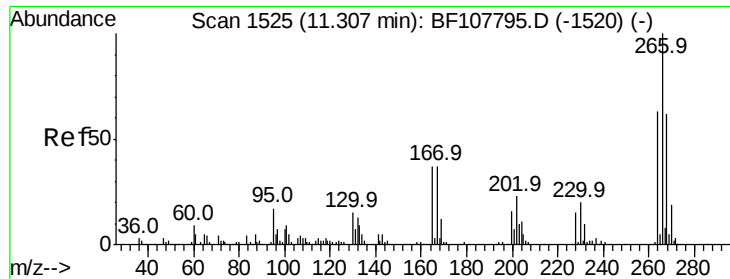
Tot Ion:284 Resp: 318333
Ion Ratio Lower Upper
284 100
142 26.8 34.6 52.0#
249 29.3 24.8 37.2



#68
Atrazine
Concen: 37.532 ng
RT: 11.19 min Scan# 1505
Delta R.T. -0.00 min
Lab File: BF107799.D
Acq: 30 Jul 2018 14:53

Tgt Ion:200 Resp: 241986
Ion Ratio Lower Upper
200 100
173 28.1 8.6 48.6
215 48.5 25.1 65.1

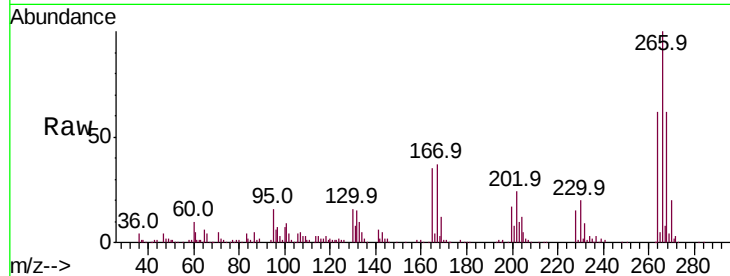




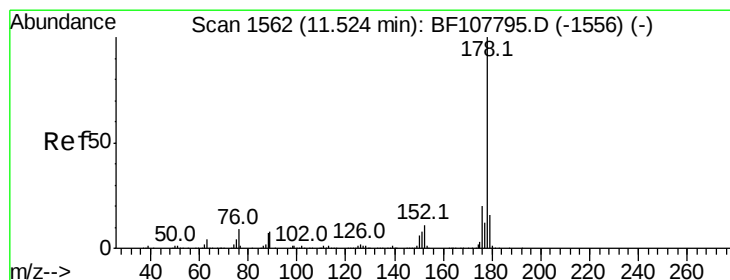
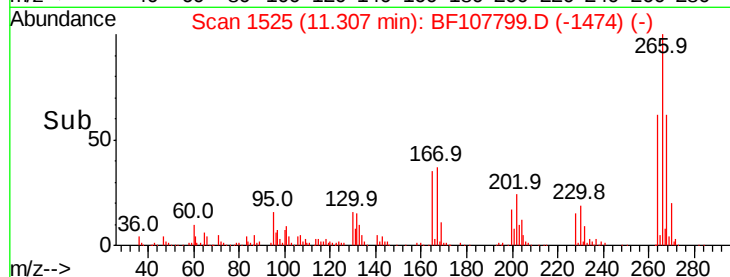
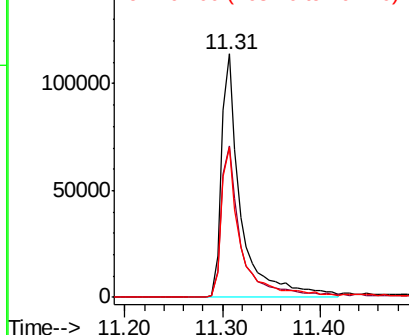
#69
 Pentachlorophenol
 Concen: 37.524 ng
 RT: 11.31 min Scan# 1525
 Delta R.T. -0.00 min
 Lab File: BF107799.D
 Acq: 30 Jul 2018 14:53

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
266	100		
268	62.2	51.1	76.7
264	61.5	49.5	74.3

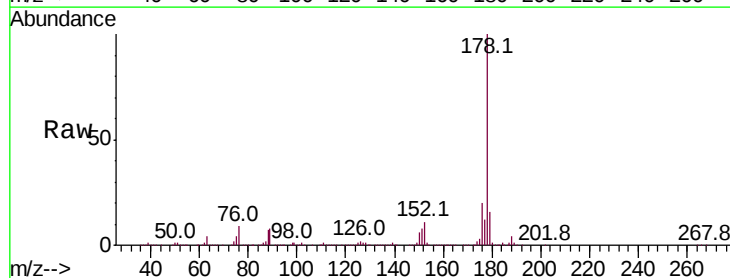


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

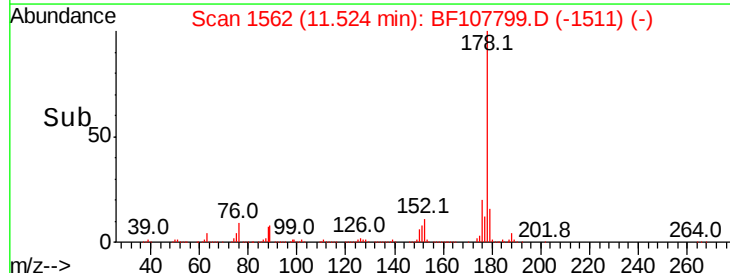
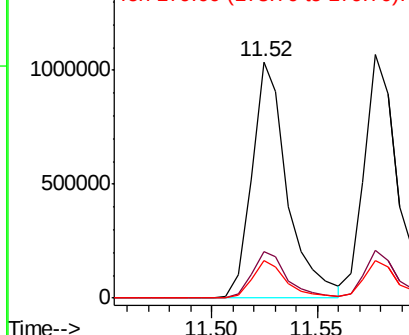


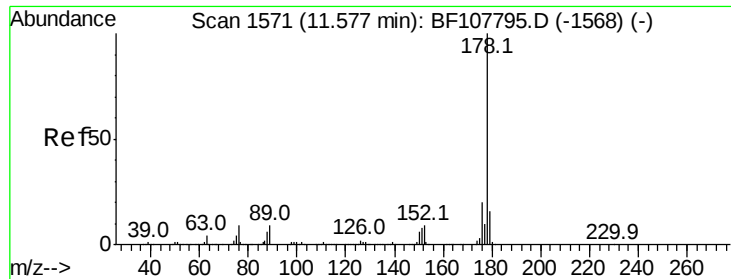
#70
 Phenanthrene
 Concen: 38.514 ng
 RT: 11.52 min Scan# 1562
 Delta R.T. -0.00 min
 Lab File: BF107799.D
 Acq: 30 Jul 2018 14:53

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.8	23.8
179	15.8	13.0	19.6



Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

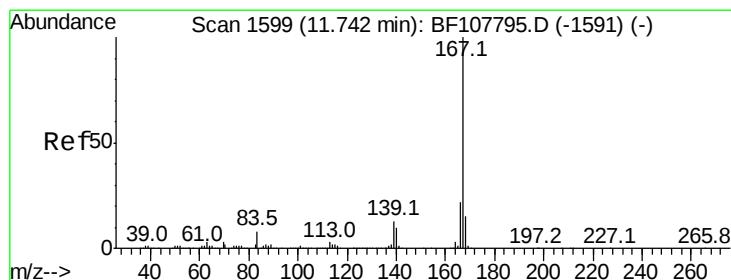
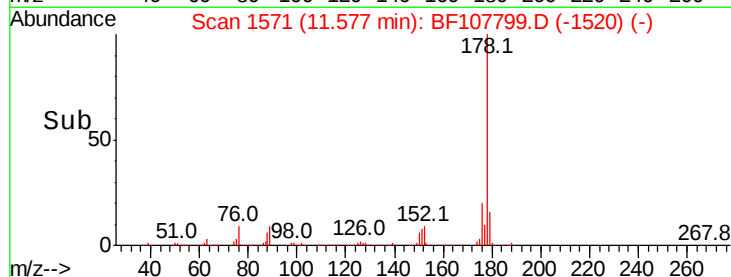
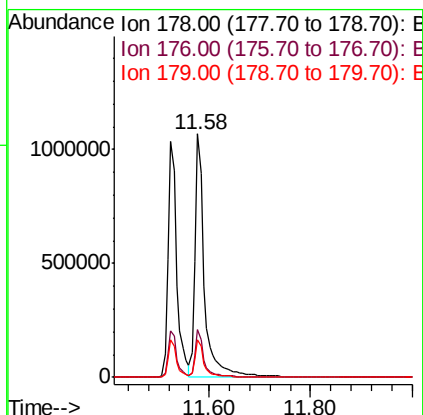
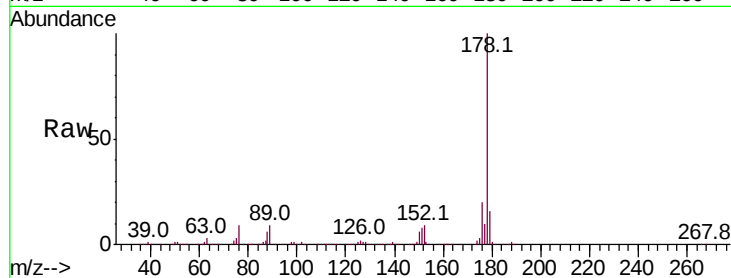




#71
 Anthracene
 Concen: 38.034 ng
 RT: 11.58 min Scan# 1571
 Delta R.T. -0.00 min
 Lab File: BF107799.D
 Acq: 30 Jul 2018 14:53

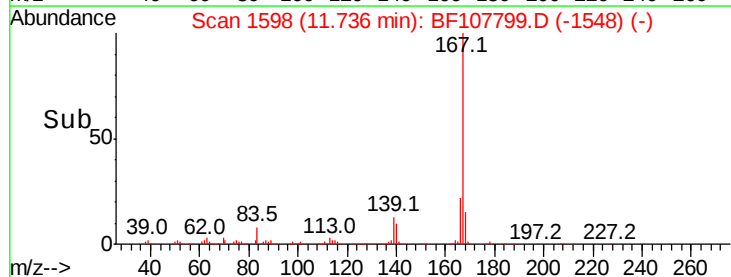
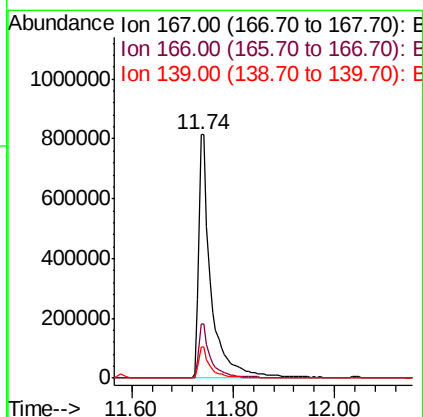
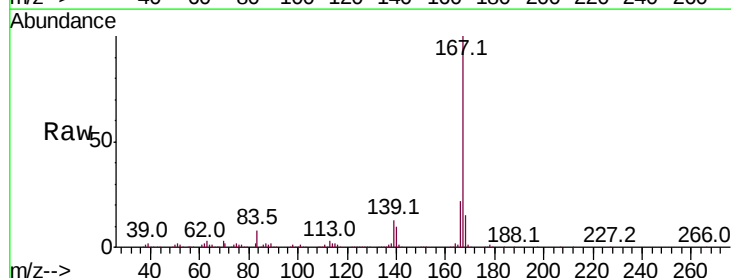
Instrument :
 BNA_F
 ClientSampled :

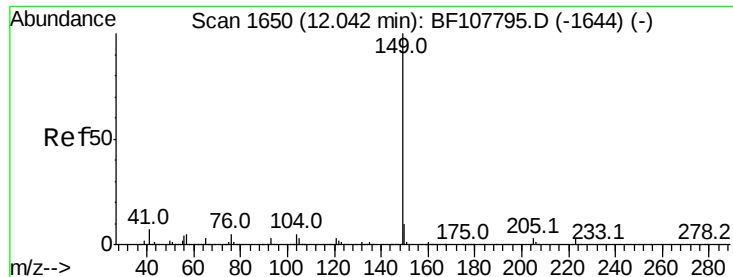
Tot Ion:178 Resp: 1378132
 Ion Ratio Lower Upper
 178 100
 176 19.5 15.4 23.2
 179 15.7 12.6 19.0



#72
 Carbazole
 Concen: 38.741 ng
 RT: 11.74 min Scan# 1598
 Delta R.T. -0.01 min
 Lab File: BF107799.D
 Acq: 30 Jul 2018 14:53

Tgt Ion:167 Resp: 1387218
 Ion Ratio Lower Upper
 167 100
 166 22.2 17.6 26.4
 139 13.0 10.9 16.3





#73

Di-n-butylphthalate

Concen: 38.133 ng

RT: 12.04 min Scan# 1650

Delta R.T. -0.00 min

Lab File: BF107799.D

Acq: 30 Jul 2018 14:53

Instrument :

BNA_F

ClientSampleId :

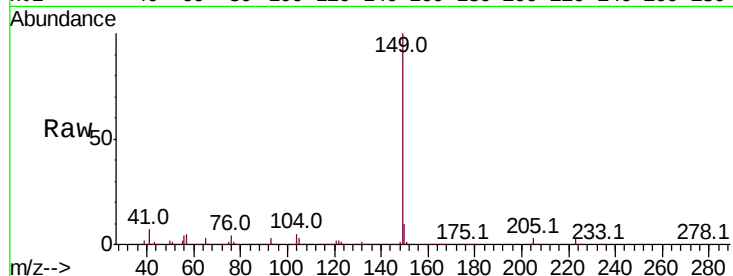
Tot Ion:149 Resp: 1489676

Ion Ratio Lower Upper

149 100

150 9.9 7.8 11.6

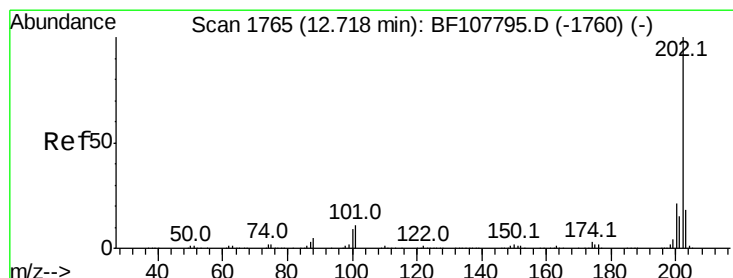
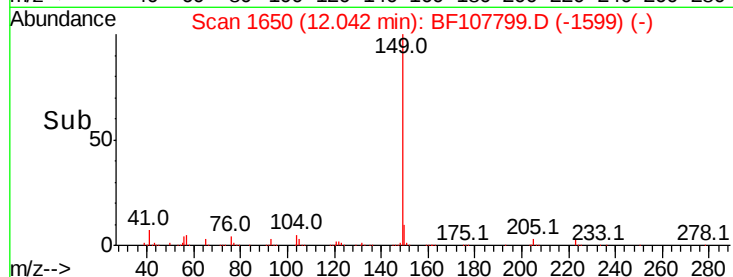
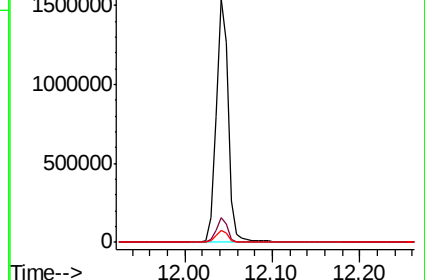
104 4.8 3.8 5.8



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: 38.033 ng

RT: 12.72 min Scan# 1765

Delta R.T. -0.00 min

Lab File: BF107799.D

Acq: 30 Jul 2018 14:53

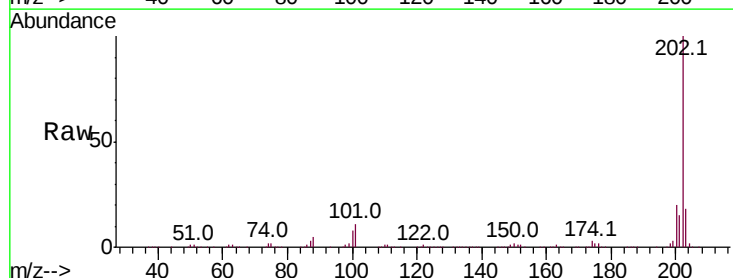
Tgt Ion:202 Resp: 1403642

Ion Ratio Lower Upper

202 100

101 11.1 0.0 34.1

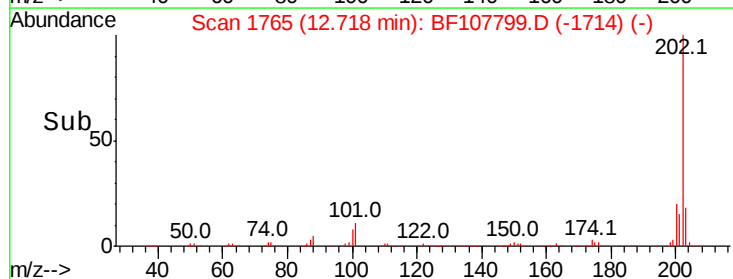
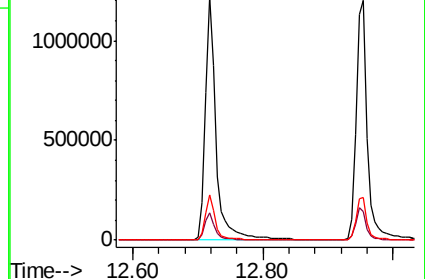
203 18.3 0.0 38.1

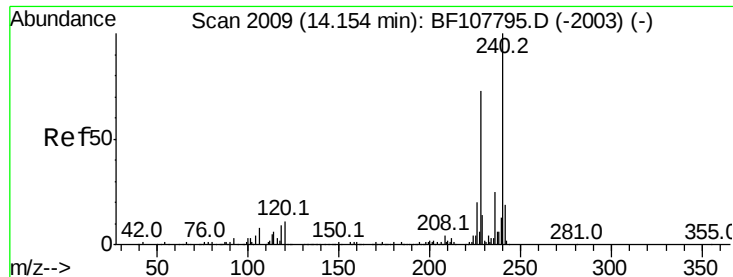


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.16 min Scan# 2010

Delta R.T. 0.01 min

Lab File: BF107799.D

Acq: 30 Jul 2018 14:53

Instrument :

BNA_F

ClientSampleId :

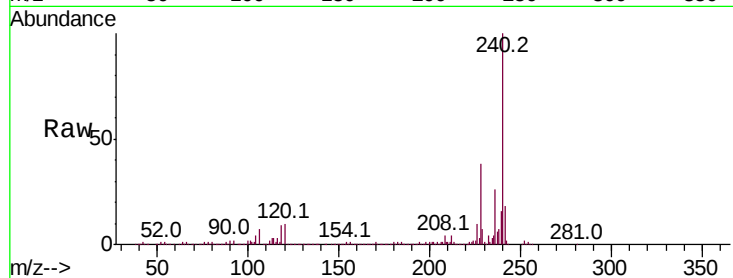
Tot Ion:240 Resp: 539946

Ion Ratio Lower Upper

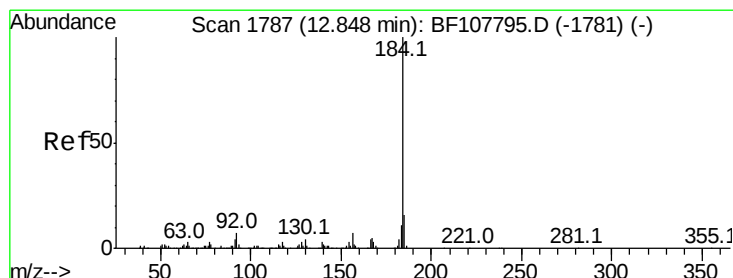
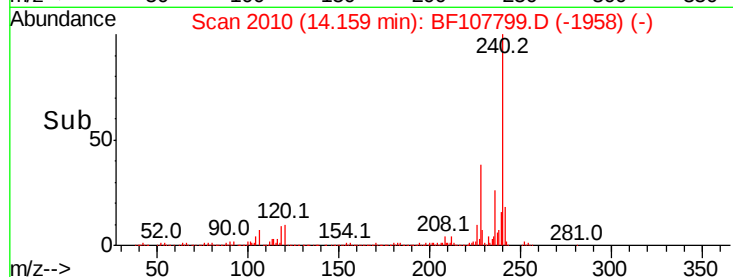
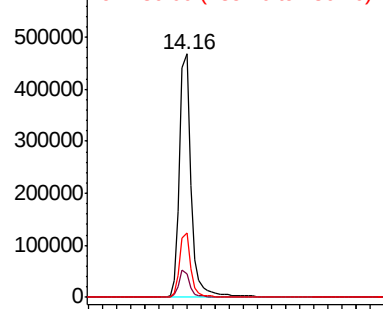
240 100

120 9.8 9.5 14.3

236 26.3 20.7 31.1



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 34.686 ng

RT: 12.85 min Scan# 1787

Delta R.T. -0.00 min

Lab File: BF107799.D

Acq: 30 Jul 2018 14:53

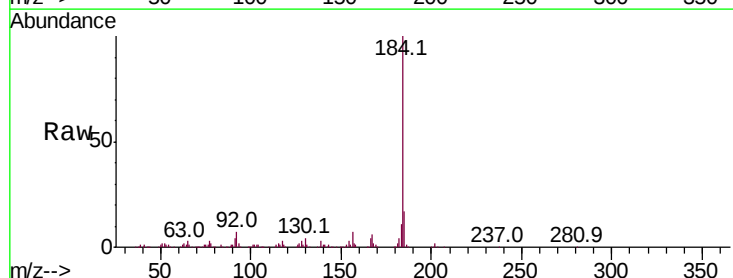
Tgt Ion:184 Resp: 605537

Ion Ratio Lower Upper

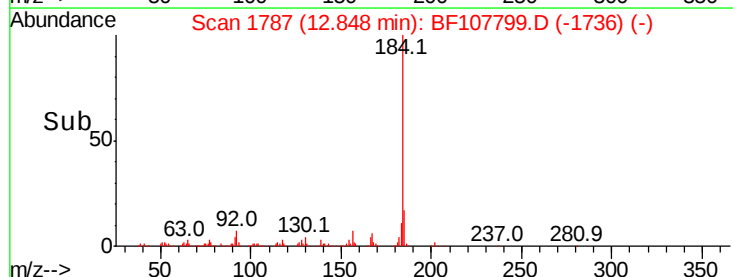
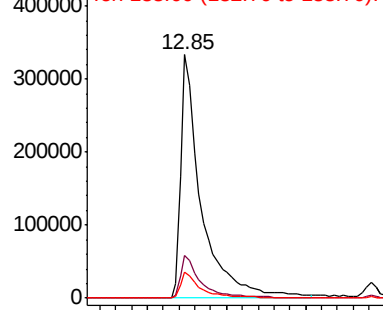
184 100

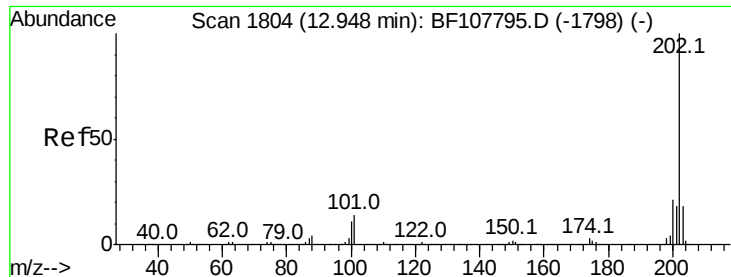
185 17.3 12.6 18.8

183 10.8 9.3 13.9



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 36.416 ng

RT: 12.95 min Scan# 1805

Delta R.T. 0.01 min

Lab File: BF107799.D

Acq: 30 Jul 2018 14:53

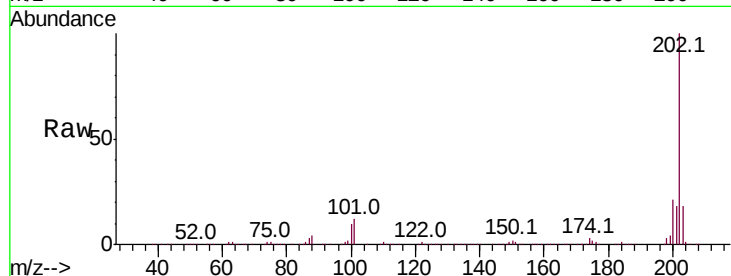
Instrument :

BNA_F

ClientSampleId :

Tot Ion:202 Resp: 1415882

Ion	Ratio	Lower	Upper
202	100		
200	20.7	17.4	26.2
203	18.0	14.3	21.5

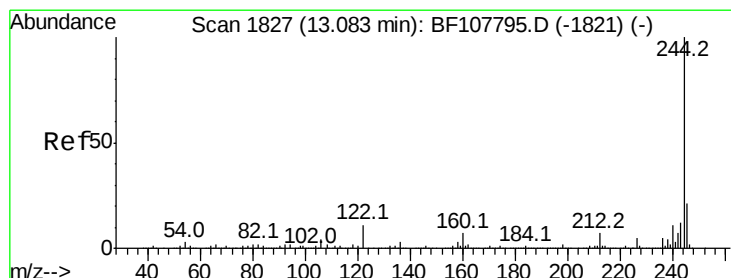
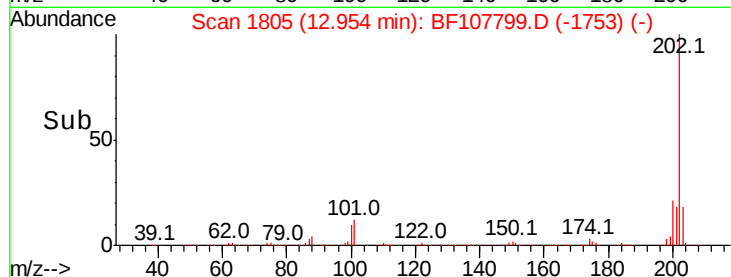
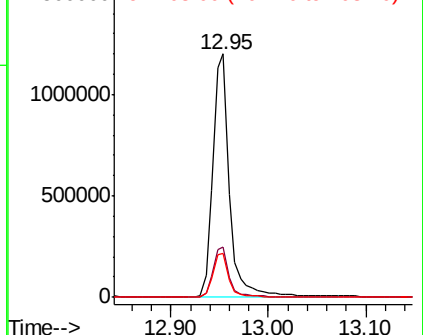


Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 72.573 ng

RT: 13.08 min Scan# 1827

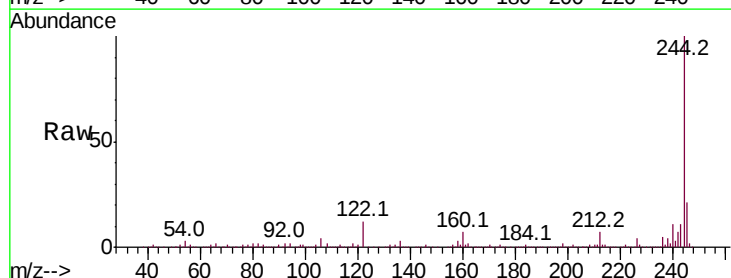
Delta R.T. -0.00 min

Lab File: BF107799.D

Acq: 30 Jul 2018 14:53

Tgt Ion:244 Resp: 1807086

Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.4	8.0
122	11.8	11.0	16.4

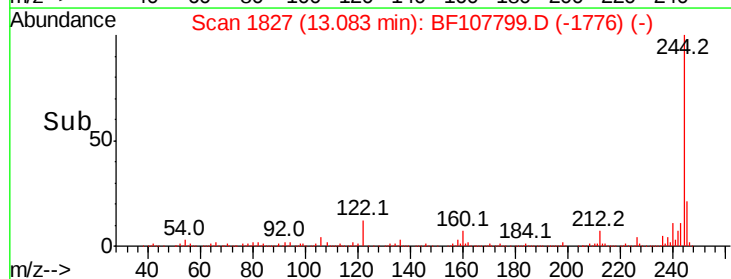
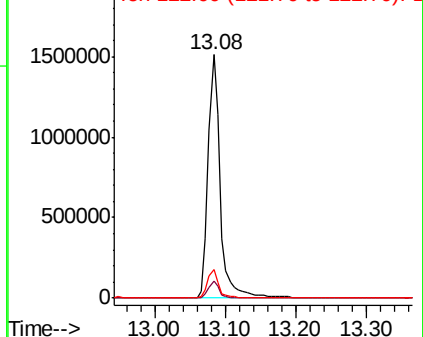


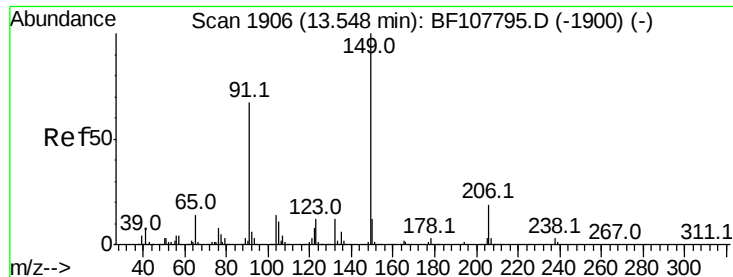
Abundance

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

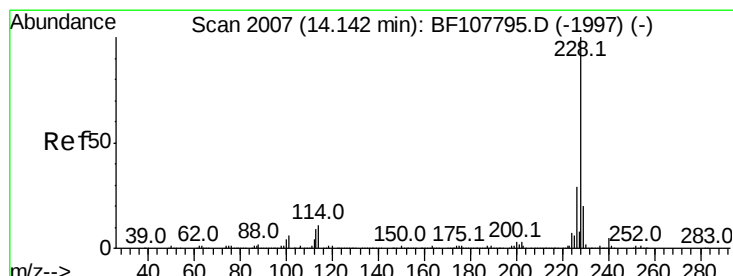
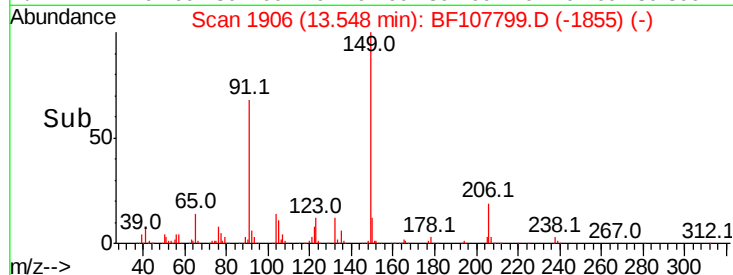
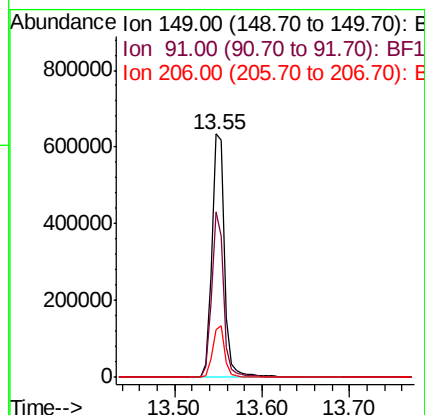
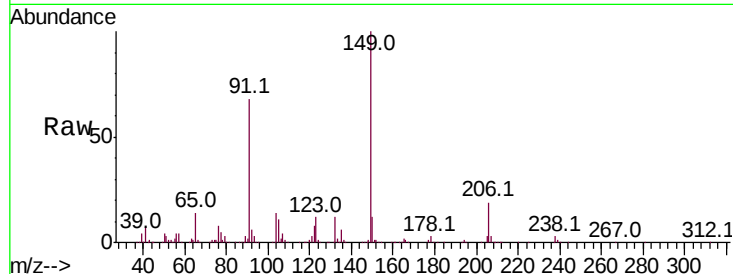




#79
Butylbenzylphthalate
Concen: 37.776 ng
RT: 13.55 min Scan# 1906
Delta R.T. -0.00 min
Lab File: BF107799.D
Acq: 30 Jul 2018 14:53

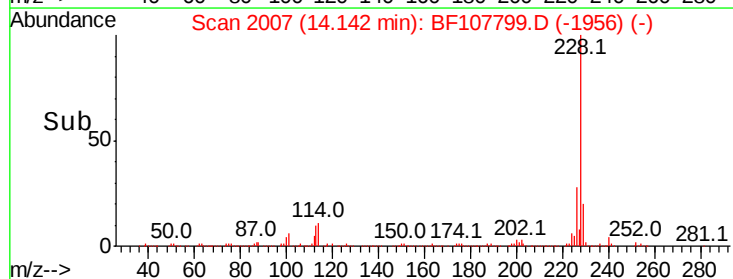
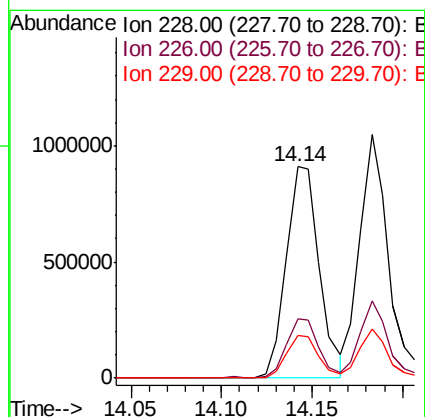
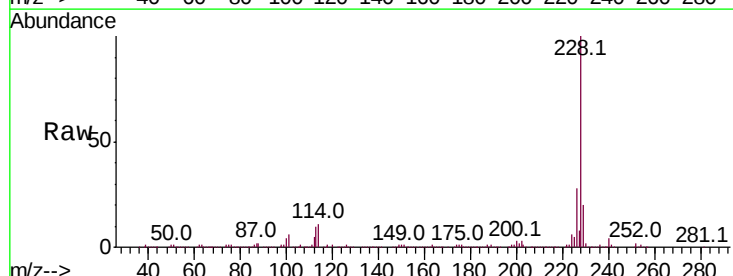
Instrument :
BNA_F
ClientSampleId :

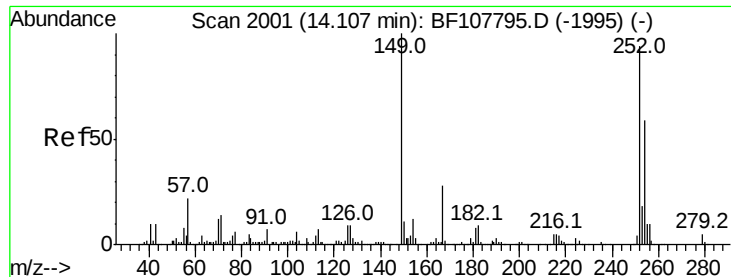
Tot Ion:149 Resp: 643186
Ion Ratio Lower Upper
149 100
91 68.1 56.8 85.2
206 19.5 14.1 21.1



#80
Benzo(a)anthracene
Concen: 37.911 ng
RT: 14.14 min Scan# 2007
Delta R.T. -0.00 min
Lab File: BF107799.D
Acq: 30 Jul 2018 14:53

Tgt Ion:228 Resp: 1159560
Ion Ratio Lower Upper
228 100
226 28.2 22.6 33.8
229 20.1 15.8 23.6

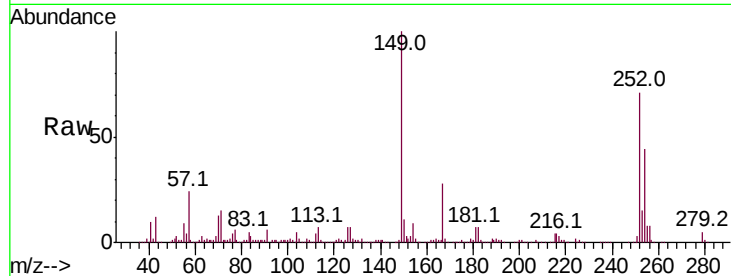




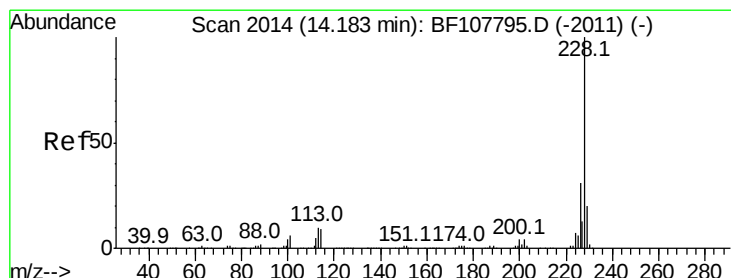
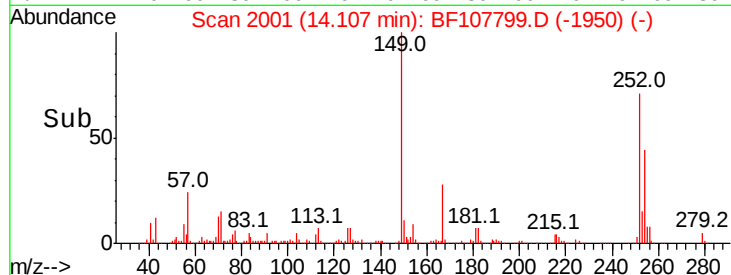
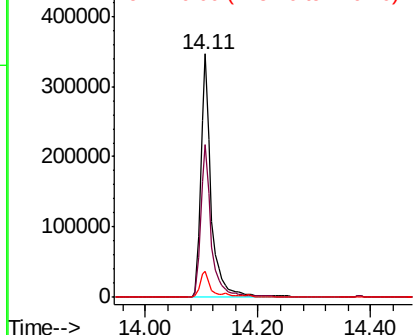
#81
 3,3'-Dichlorobenzidine
 Concen: 37.597 ng
 RT: 14.11 min Scan# 2001
 Delta R.T. -0.00 min
 Lab File: BF107799.D
 Acq: 30 Jul 2018 14:53

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:252 Resp: 445768
 Ion Ratio Lower Upper
 252 100
 254 62.9 50.4 75.6
 126 10.6 11.3 16.9#

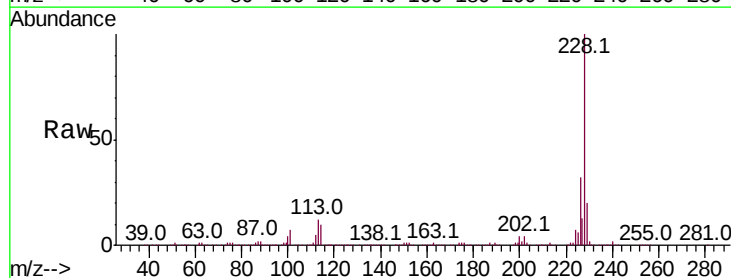


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

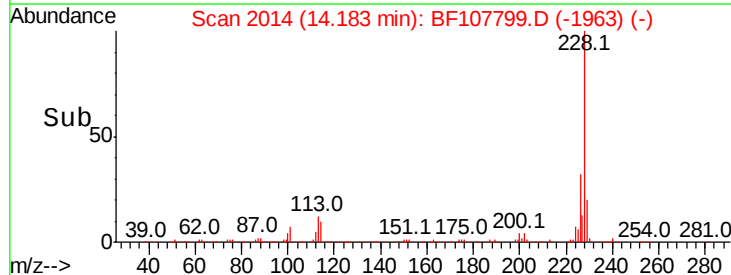
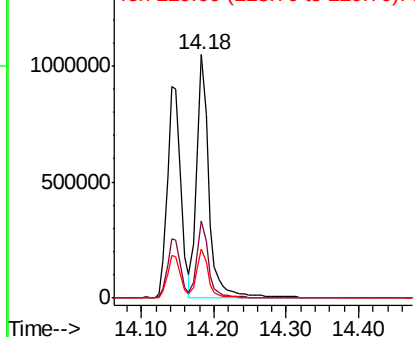


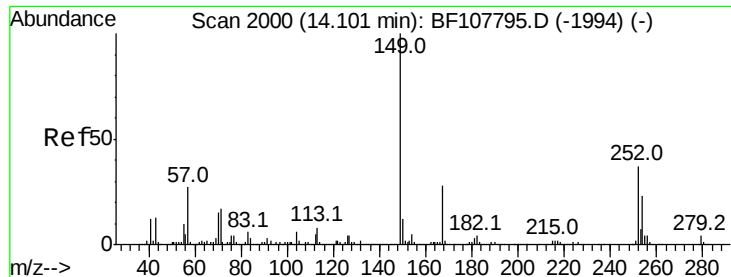
#82
 Chrysene
 Concen: 37.401 ng
 RT: 14.18 min Scan# 2014
 Delta R.T. -0.00 min
 Lab File: BF107799.D
 Acq: 30 Jul 2018 14:53

Tgt Ion:228 Resp: 1233847
 Ion Ratio Lower Upper
 228 100
 226 31.7 25.0 37.6
 229 20.3 16.2 24.4



Abundance Ion 228.00 (227.70 to 228.70): E
 Ion 226.00 (225.70 to 226.70): E
 Ion 229.00 (228.70 to 229.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 38.108 ng

RT: 14.10 min Scan# 2000

Delta R.T. -0.00 min

Lab File: BF107799.D

Acq: 30 Jul 2018 14:53

Instrument :

BNA_F

ClientSampleId :

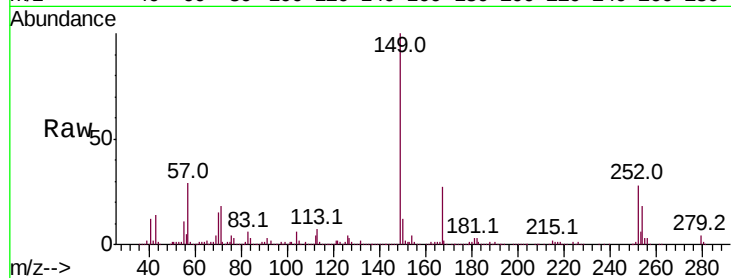
Tot Ion:149 Resp: 815678

Ion Ratio Lower Upper

149 100

167 27.0 21.3 31.9

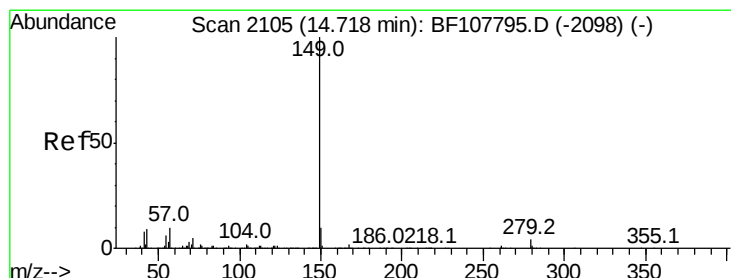
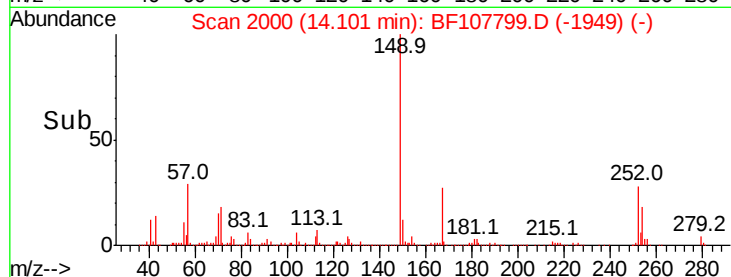
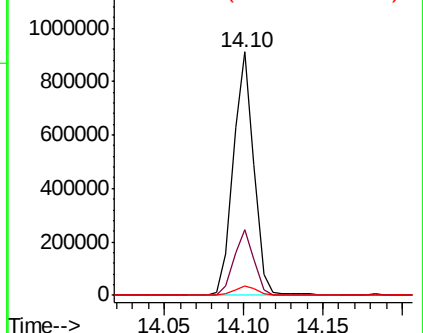
279 4.0 3.0 4.4



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 39.764 ng

RT: 14.72 min Scan# 2106

Delta R.T. 0.01 min

Lab File: BF107799.D

Acq: 30 Jul 2018 14:53

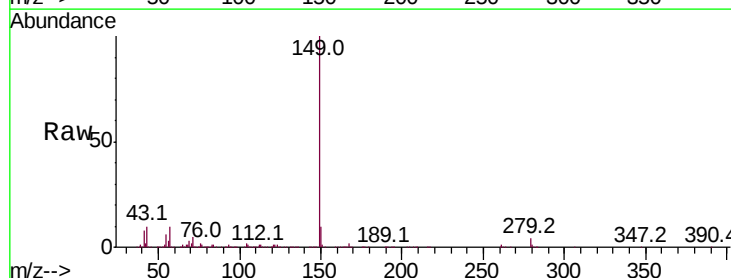
Tgt Ion:149 Resp: 1366154

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

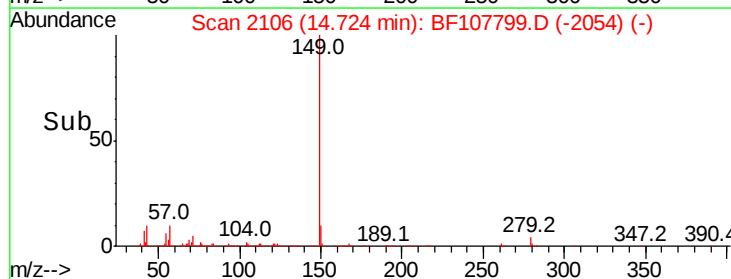
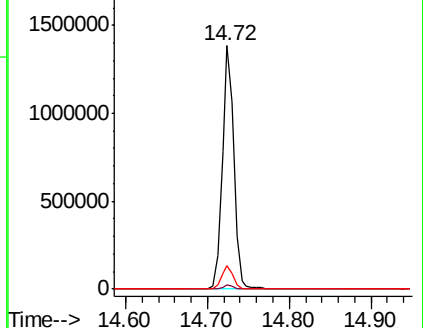
43 9.4 8.4 12.6

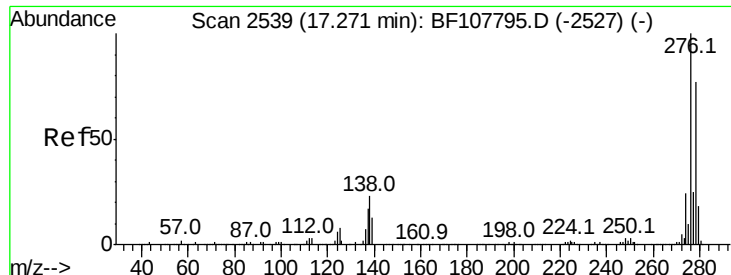


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1





#85

Indeno(1,2,3-cd)pyrene

Concen: 34.713 ng

RT: 17.28 min Scan# 2541

Delta R.T. 0.01 min

Lab File: BF107799.D

Acq: 30 Jul 2018 14:53

Instrument :

BNA_F

ClientSampleId :

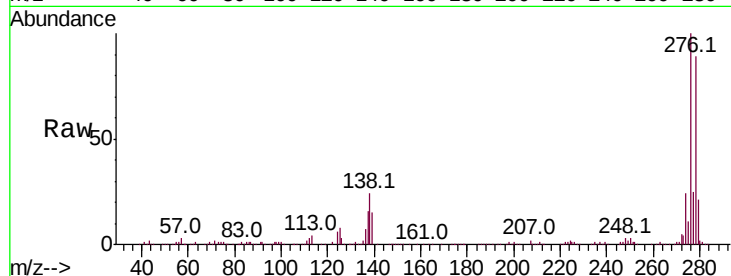
Tot Ion:276 Resp: 871050

Ion Ratio Lower Upper

276 100

138 23.7 25.0 37.6#

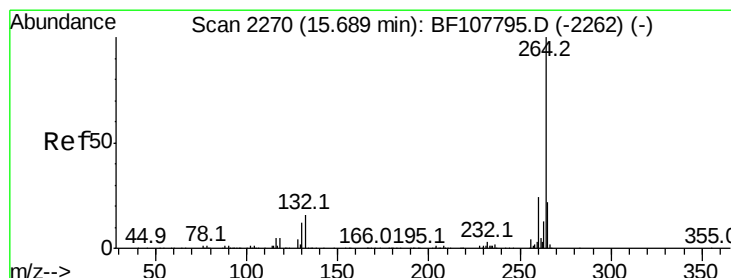
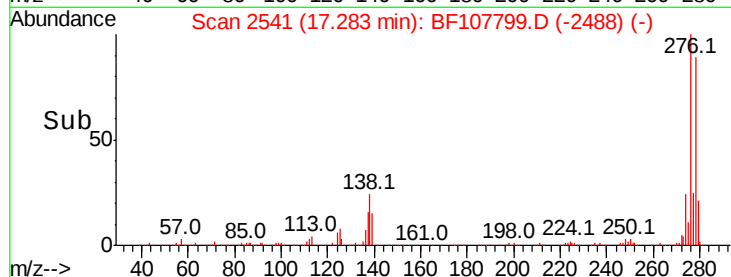
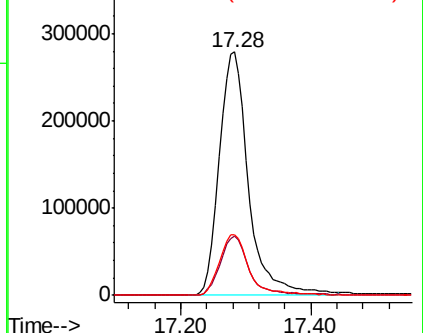
277 25.2 20.1 30.1



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.69 min Scan# 2271

Delta R.T. 0.01 min

Lab File: BF107799.D

Acq: 30 Jul 2018 14:53

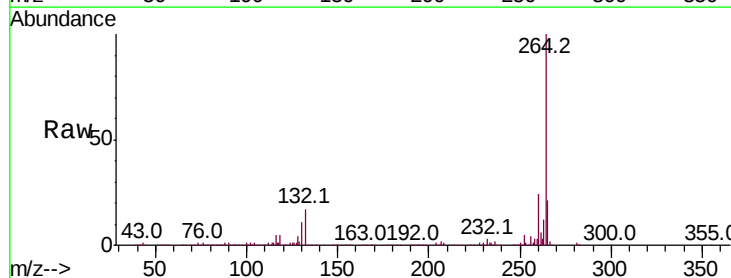
Tgt Ion:264 Resp: 475751

Ion Ratio Lower Upper

264 100

260 23.7 19.2 28.8

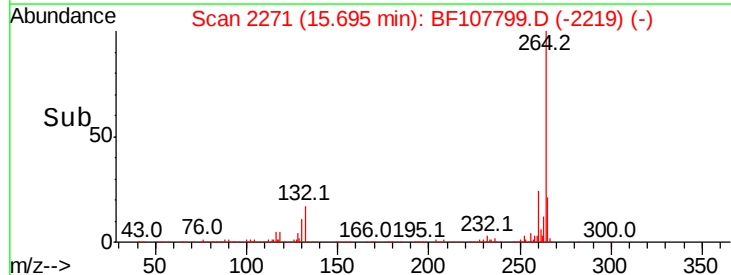
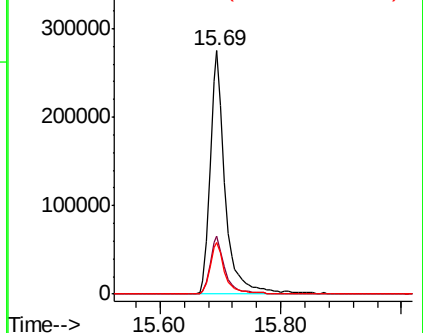
265 21.3 17.5 26.3

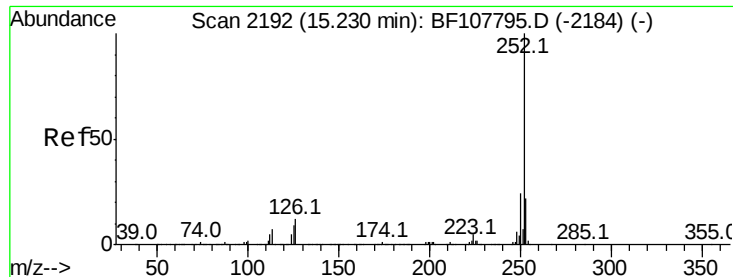


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

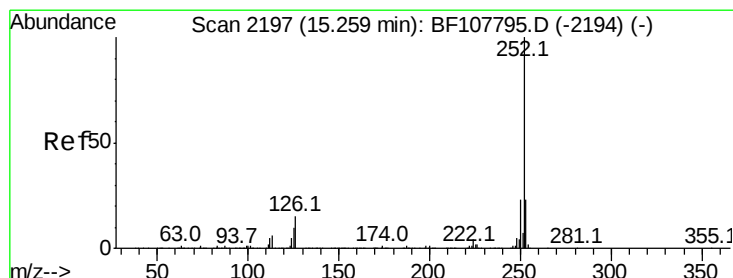
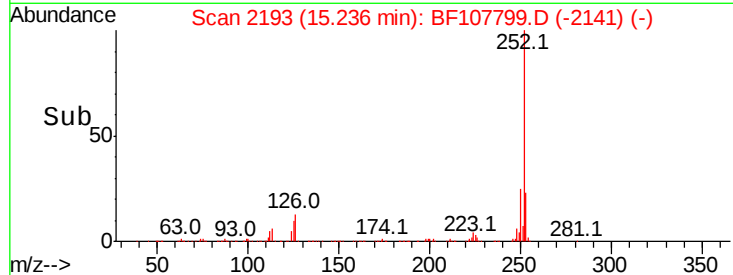
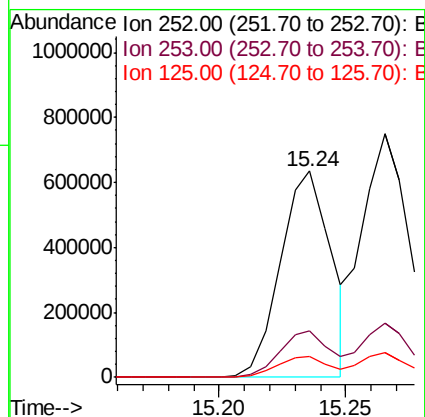
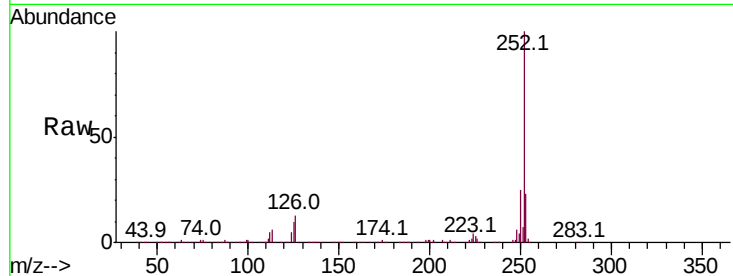




#87
Benzo(b)fluoranthene
Concen: 37.432 ng
RT: 15.24 min Scan# 2193
Delta R.T. 0.01 min
Lab File: BF107799.D
Acq: 30 Jul 2018 14:53

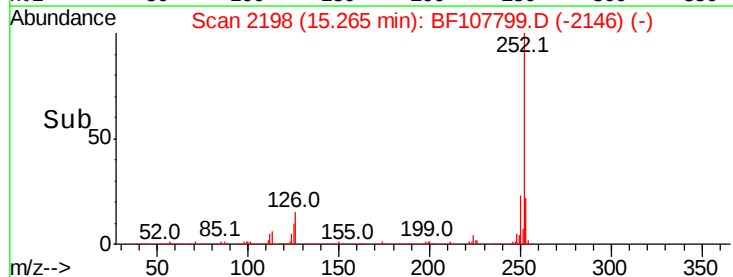
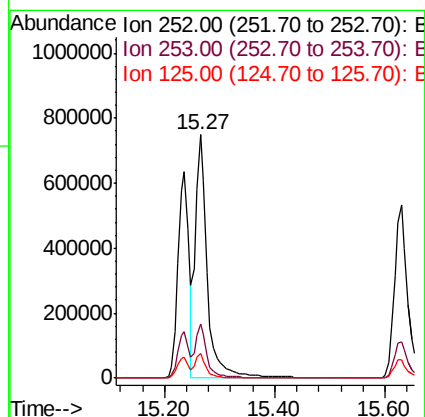
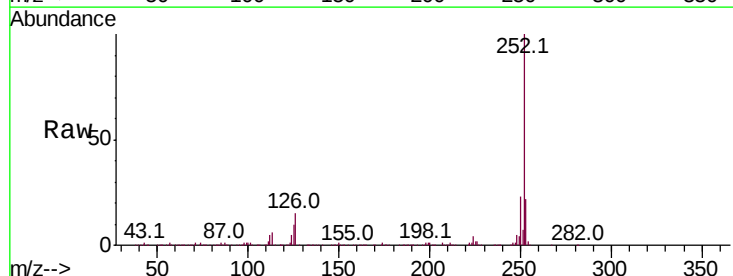
Instrument :
BNA_F
ClientSampleId :

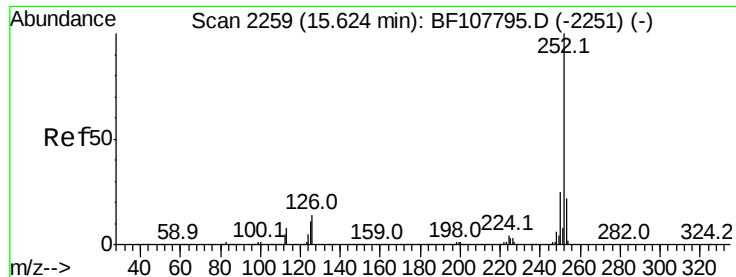
Tot Ion:252 Resp: 878310
Ion Ratio Lower Upper
252 100
253 22.6 17.0 25.6
125 9.9 9.0 13.6



#88
Benzo(k)fluoranthene
Concen: 39.218 ng
RT: 15.27 min Scan# 2198
Delta R.T. 0.01 min
Lab File: BF107799.D
Acq: 30 Jul 2018 14:53

Tgt Ion:252 Resp: 1129791
Ion Ratio Lower Upper
252 100
253 22.1 17.9 26.9
125 10.3 10.2 15.2

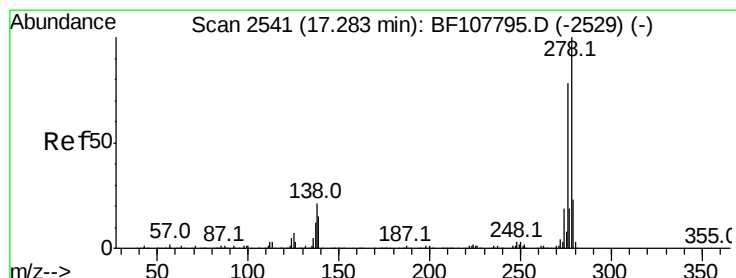
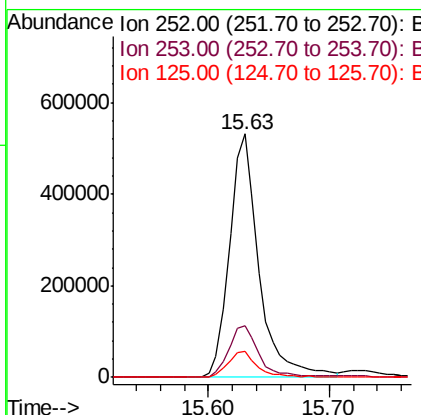
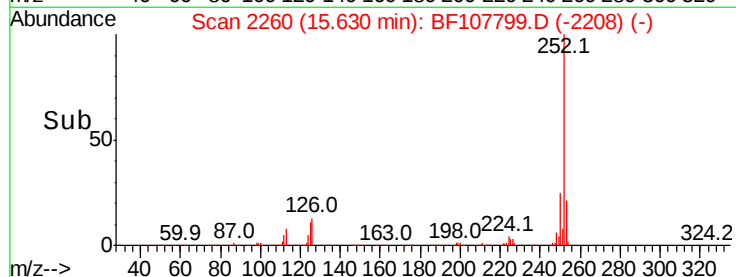
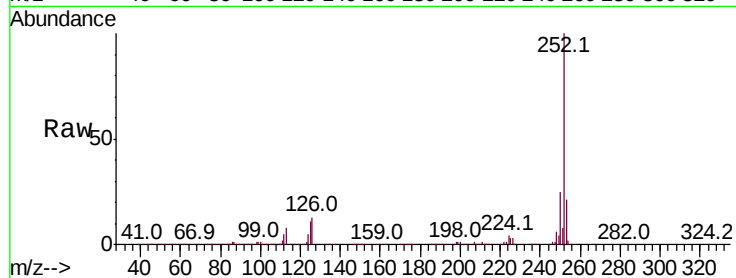




#89
Benzo(a)pyrene
Concen: 37.034 ng
RT: 15.63 min Scan# 2260
Delta R.T. 0.01 min
Lab File: BF107799.D
Acq: 30 Jul 2018 14:53

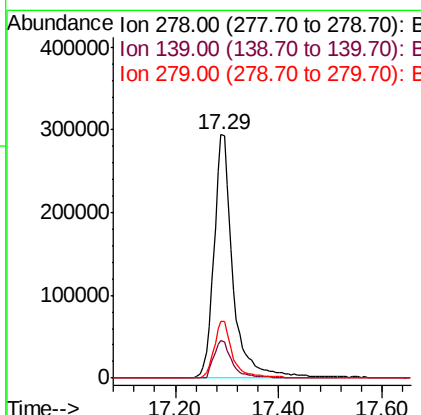
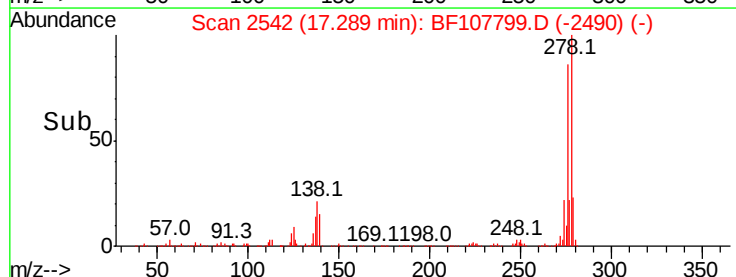
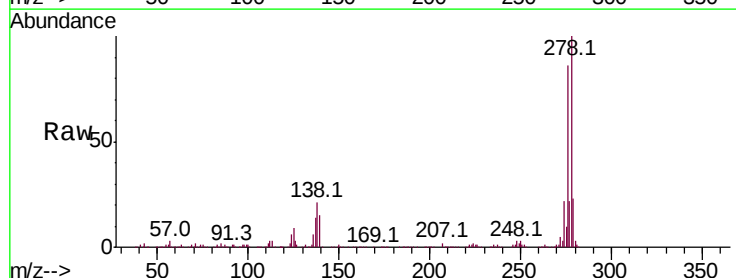
Instrument :
BNA_F
ClientSampleId :

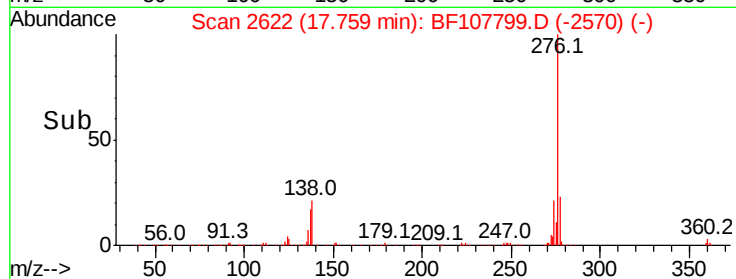
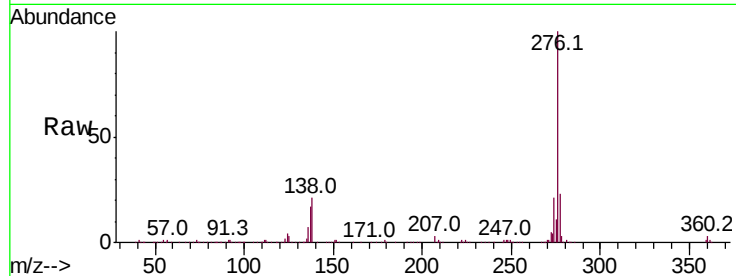
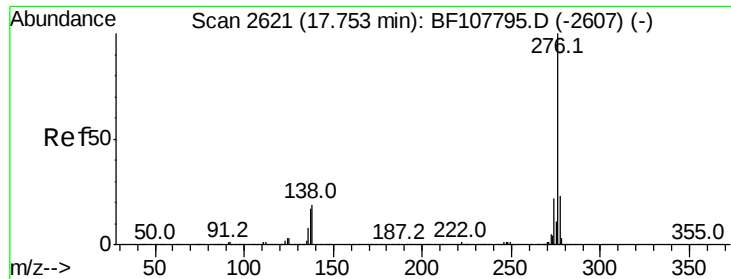
Tot Ion:252 Resp: 897079
Ion Ratio Lower Upper
252 100
253 21.3 17.1 25.7
125 10.6 9.8 14.6



#90
Dibenzo(a,h)anthracene
Concen: 35.537 ng
RT: 17.29 min Scan# 2542
Delta R.T. 0.01 min
Lab File: BF107799.D
Acq: 30 Jul 2018 14:53

Tgt Ion:278 Resp: 750885
Ion Ratio Lower Upper
278 100
139 15.4 15.9 23.9#
279 23.5 19.0 28.4





#91

Benzo(a,h,i)perylene

Concen: 34.387 ng

RT: 17.76 min Scan# 2622

Delta R.T. 0.01 min

Lab File: BF107799.D

Acq: 30 Jul 2018 14:53

Instrument :

BNA_F

ClientSampleId :

Tot Ion:276 Resp: 703024

Ion Ratio Lower Upper

276 100

277 23.0 17.9 26.9

138 20.7 21.8 32.8#

