

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072518\
 Data File : BF107690.D
 Acq On : 26 Jul 2018 7:16
 Operator : JU/SJ
 Sample : J4133-07
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 26 07:54:26 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF072018.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 20 16:29:27 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	183446	20.00	ng	-0.01
21) Naphthalene-d8	8.25	136	673226	20.00	ng	-0.01
38) Acenaphthene-d10	10.01	164	259257	20.00	ng	-0.01
63) Phenanthrene-d10	11.50	188	450094	20.00	ng	-0.01
75) Chrysene-d12	14.15	240	349491	20.00	ng	-0.01
86) Perylene-d12	15.69	264	296498	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.60	112	430064	37.69	ng	-0.01
7) Phenol-d6	6.60	99	346711	25.31	ng	-0.02
23) Nitrobenzene-d5	7.54	82	1155607	115.84	ng	-0.01
41) 2,4,6-Tribromophenol	10.80	330	283015	96.00	ng	-0.02
44) 2-Fluorobiphenyl	9.32	172	1965173	173.10	ng	-0.01
78) Terphenyl-d14	13.09	244	1278101	93.62	ng	-0.01

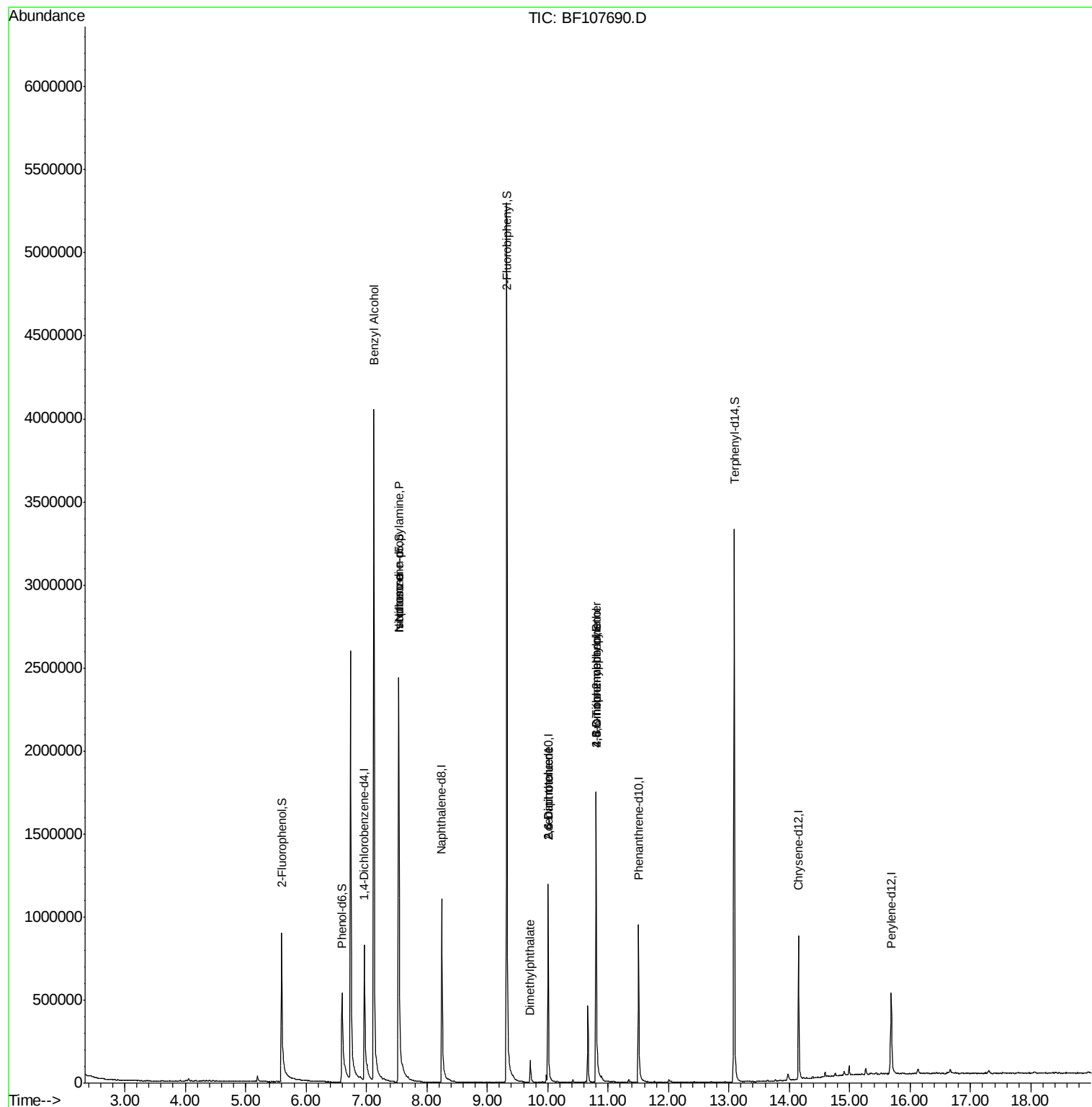
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
15) Benzyl Alcohol	7.12	79	20081	2.151	ng	# 41
19) n-Nitroso-di-n-propylamine	7.54	70	149338	16.873	ng	# 79
25) Isophorone	7.54	82	1155607	54.255	ng	# 64
49) Dimethylphthalate	9.71	163	65688	3.362	ng	# 97
50) 2,6-Dinitrotoluene	10.01	165	31860	8.213	ng	# 26
56) 2,4-Dinitrotoluene	10.01	165	31860	6.804	ng	# 23
64) 4,6-Dinitro-2-methylphenol	10.80	198	482	8.862	ng	# 1
66) 4-Bromophenyl-phenylether	10.80	248	16271	3.071	ng	# 1
73) Di-n-butylphthalate	12.05	149	2316	Below Cal		# 89

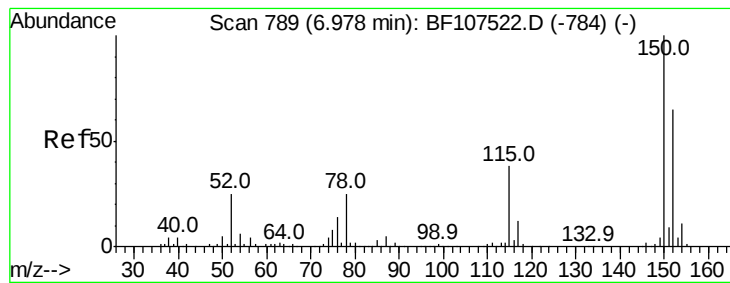
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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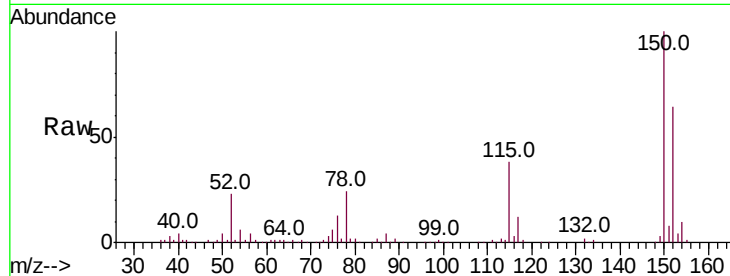


#1

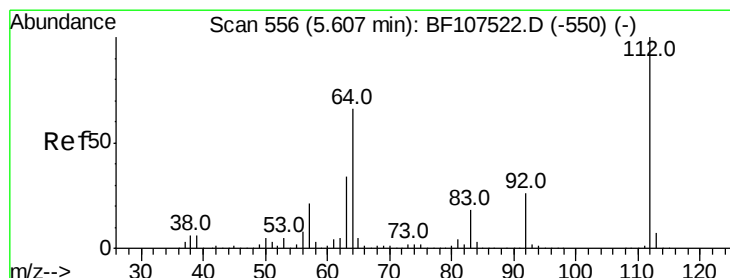
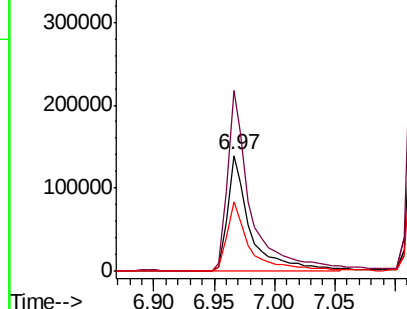
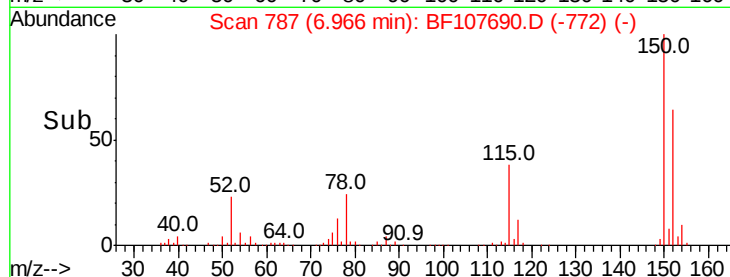
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 787
Delta R.T. -0.01 min
Lab File: BF107690.D
Acq: 26 Jul 2018 7:16

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 183446
Ion Ratio Lower Upper
152 100
150 156.5 124.6 186.8
115 60.0 50.1 75.1



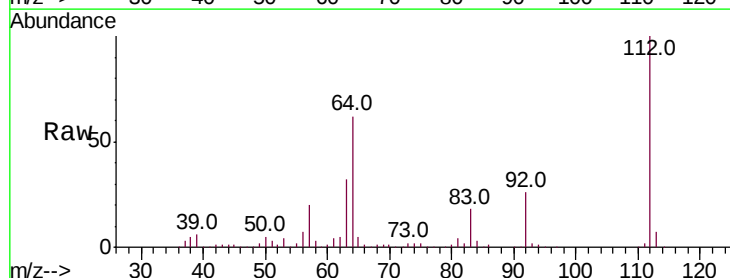
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



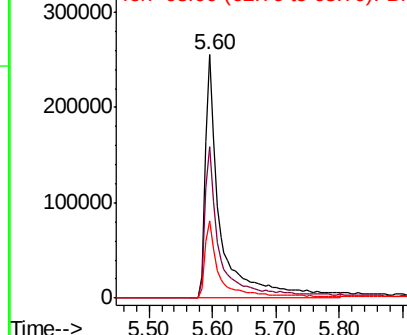
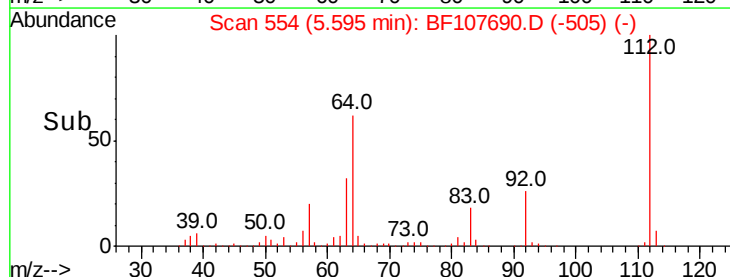
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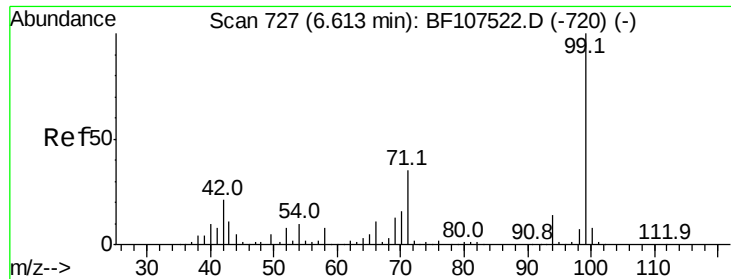
2-Fluorophenol
Concen: 37.693 ng
RT: 5.60 min Scan# 554
Delta R.T. -0.01 min
Lab File: BF107690.D
Acq: 26 Jul 2018 7:16

Tgt Ion:112 Resp: 430064
Ion Ratio Lower Upper
112 100
64 62.4 47.9 71.9
63 31.6 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 25.307 ng

RT: 6.60 min Scan# 724

Delta R.T. -0.02 min

Lab File: BF107690.D

Acq: 26 Jul 2018 7:16

Instrument :

BNA_F

ClientSampled :

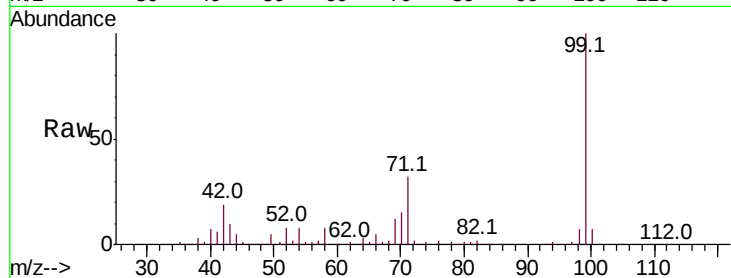
Tot Ion: 99 Resp: 346711

Ion Ratio Lower Upper

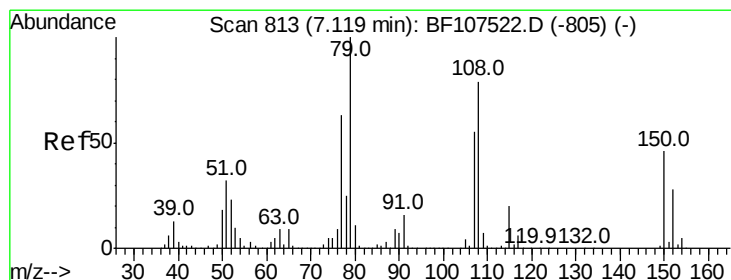
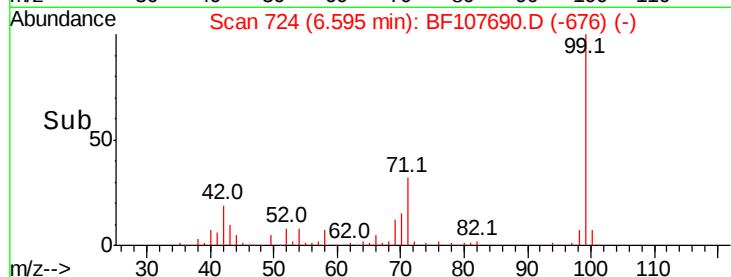
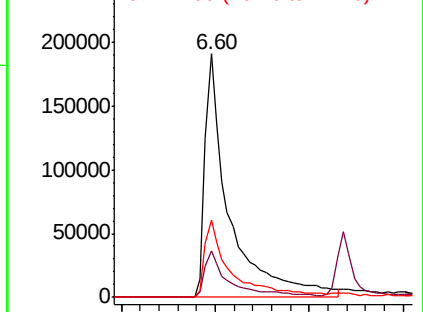
99 100

42 18.9 14.5 21.7

71 31.8 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



#15

Benzyl Alcohol

Concen: 2.151 ng

RT: 7.12 min Scan# 814

Delta R.T. 0.01 min

Lab File: BF107690.D

Acq: 26 Jul 2018 7:16

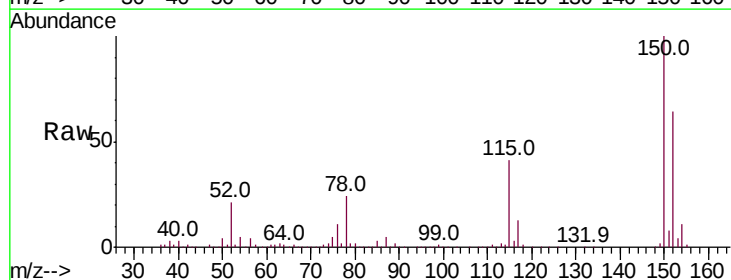
Tgt Ion: 79 Resp: 20081

Ion Ratio Lower Upper

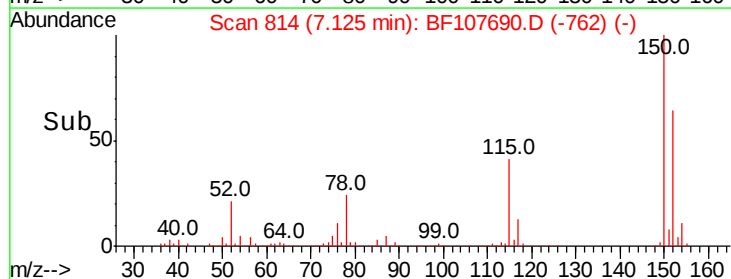
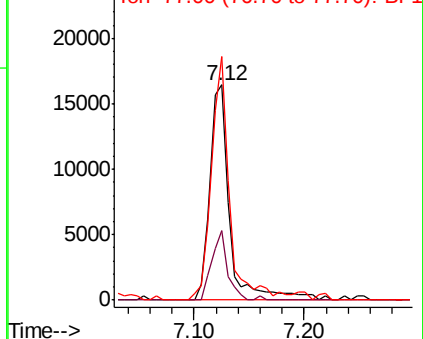
79 100

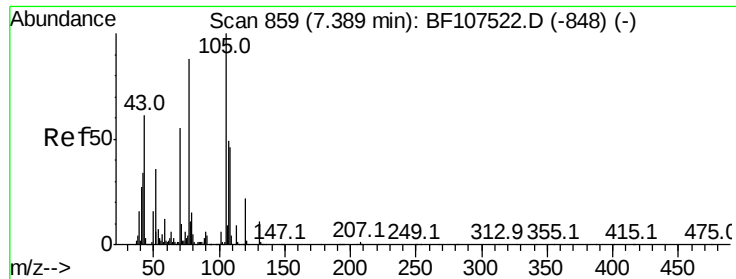
108 32.4 65.1 97.7#

77 113.3 50.6 75.8#



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

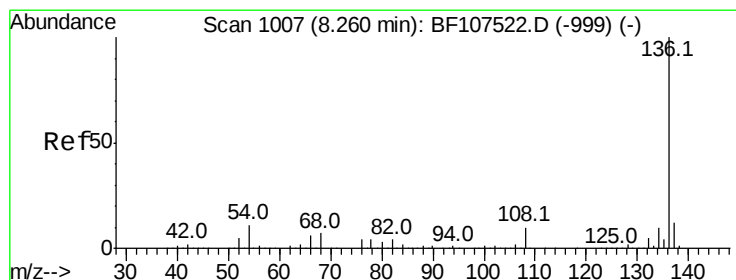
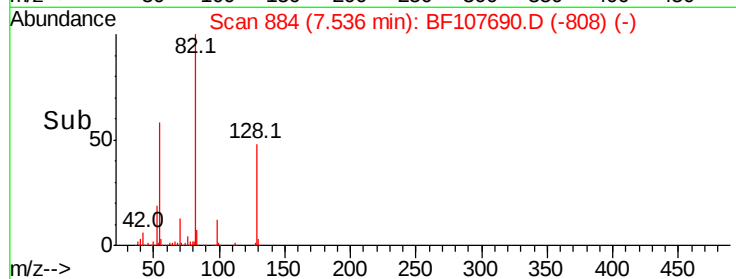
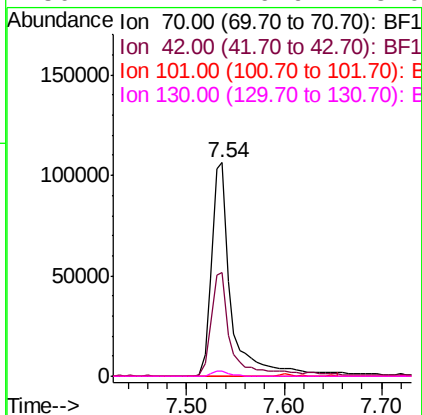
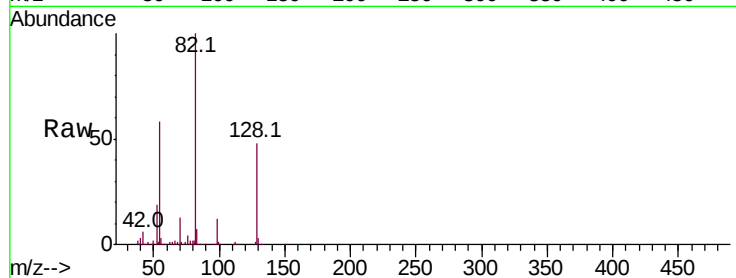




#19
n-Nitroso-di-n-propylamine
Concen: 16.873 ng
RT: 7.54 min Scan# 884
Delta R.T. 0.15 min
Lab File: BF107690.D
Acq: 26 Jul 2018 7:16

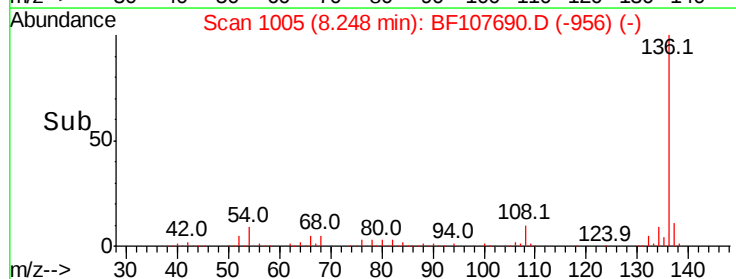
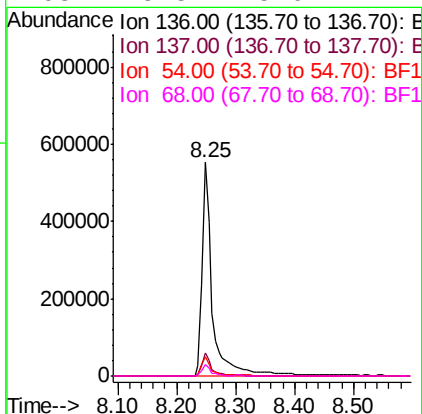
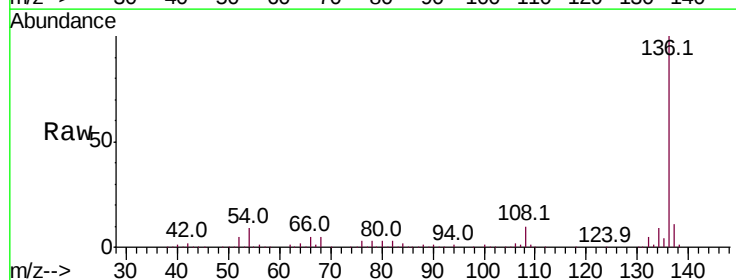
Instrument :
BNA_F
ClientSampleId :

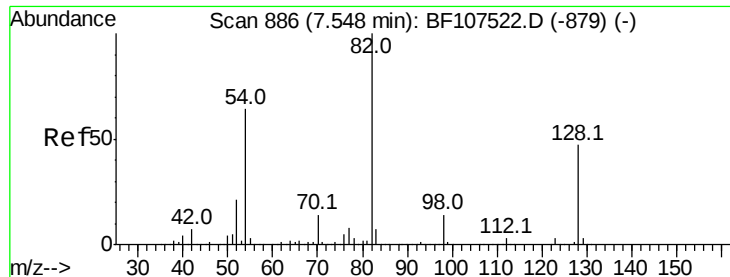
Tot Ion: 70 Resp: 149338
Ion Ratio Lower Upper
70 100
42 48.4 47.5 71.3
101 0.0 7.4 11.2#
130 2.4 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.25 min Scan# 1005
Delta R.T. -0.01 min
Lab File: BF107690.D
Acq: 26 Jul 2018 7:16

Tgt Ion:136 Resp: 673226
Ion Ratio Lower Upper
136 100
137 10.8 8.9 13.3
54 9.3 6.6 9.8
68 5.5 5.0 7.4

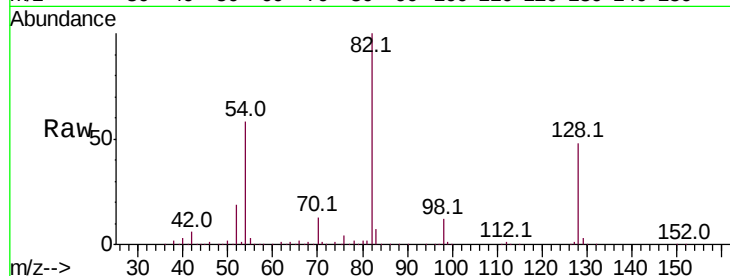




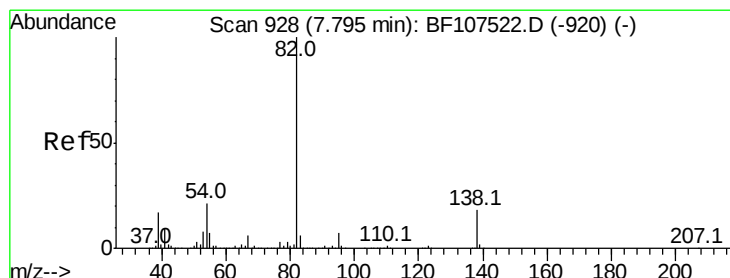
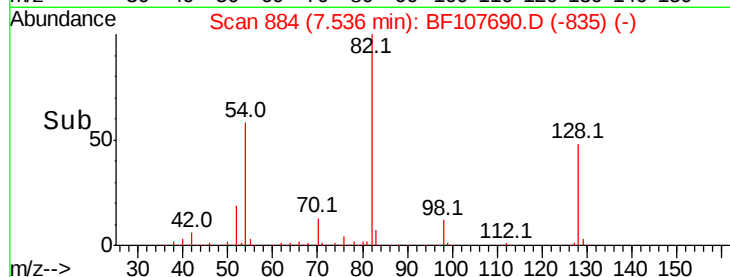
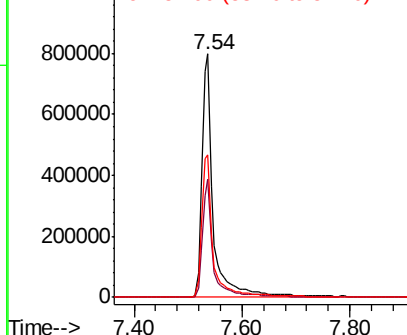
#23
 Nitrobenzene-d5
 Concen: 115.844 ng
 RT: 7.54 min Scan# 884
 Delta R.T. -0.01 min
 Lab File: BF107690.D
 Acq: 26 Jul 2018 7:16

Instrument :
 BNA_F
 ClientSampled :

Tot Ion: 82 Resp: 1155607
 Ion Ratio Lower Upper
 82 100
 128 48.4 36.1 54.1
 54 58.4 41.4 62.2

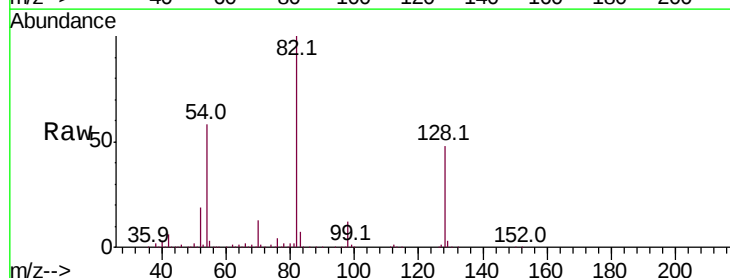


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

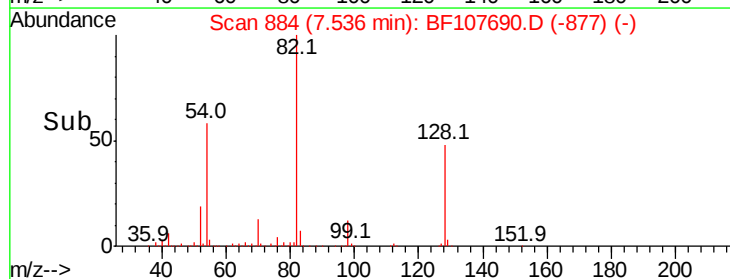
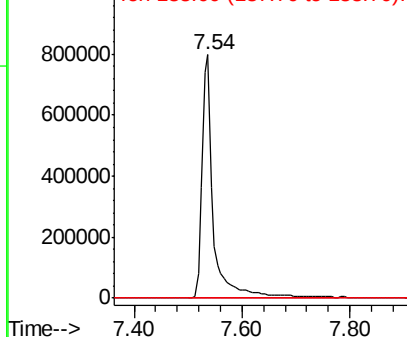


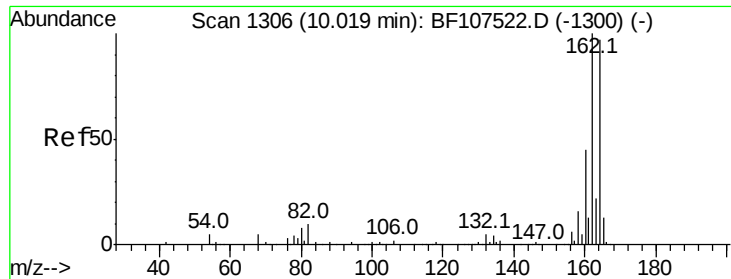
#25
 Isophorone
 Concen: 54.255 ng
 RT: 7.54 min Scan# 884
 Delta R.T. -0.26 min
 Lab File: BF107690.D
 Acq: 26 Jul 2018 7:16

Tgt Ion: 82 Resp: 1155607
 Ion Ratio Lower Upper
 82 100
 95 0.0 5.2 7.8#
 138 0.0 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

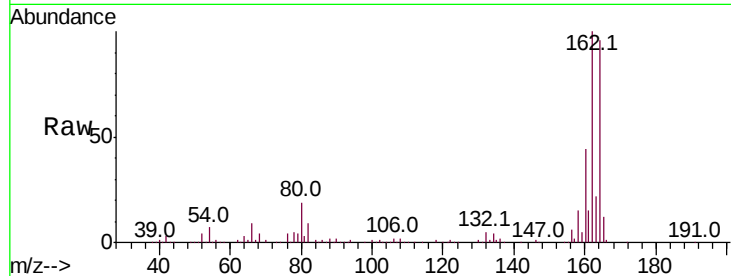




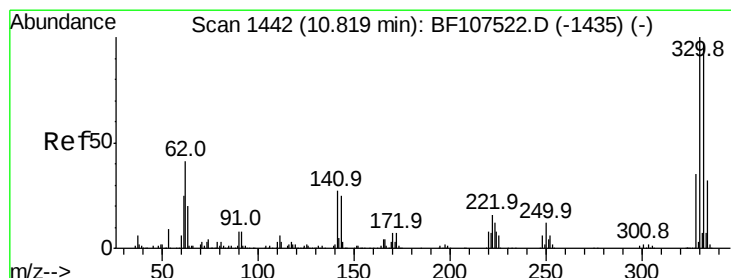
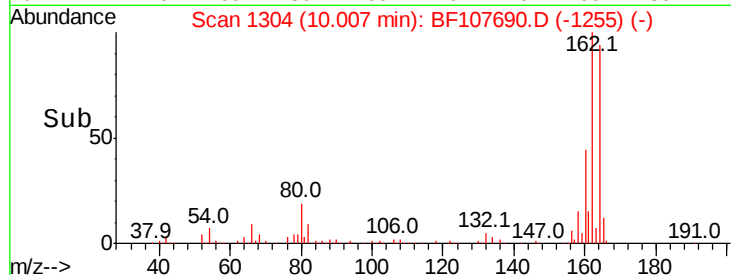
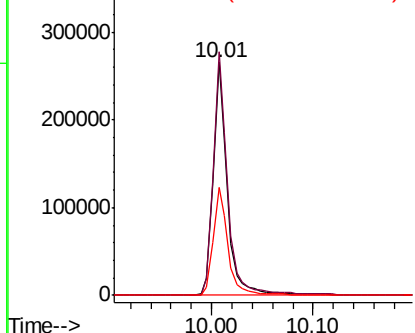
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.01 min Scan# 1304
Delta R.T. -0.01 min
Lab File: BF107690.D
Acq: 26 Jul 2018 7:16

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 259257
Ion Ratio Lower Upper
164 100
162 104.4 86.1 129.1
160 46.1 38.3 57.5

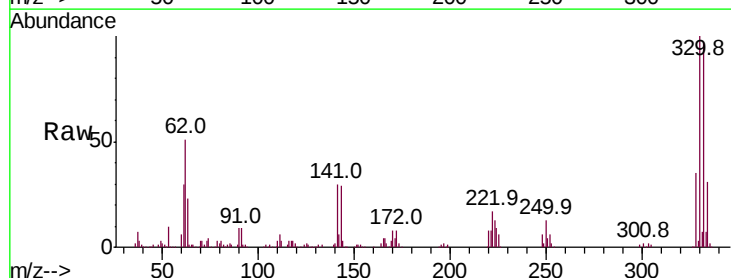


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

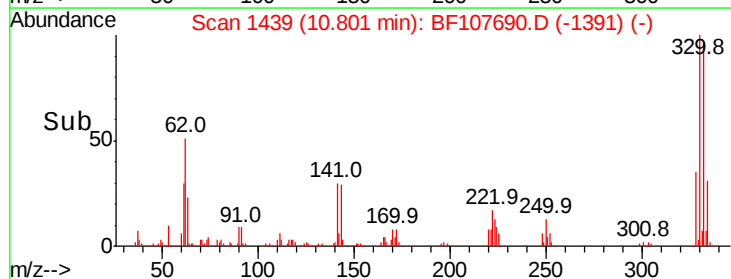
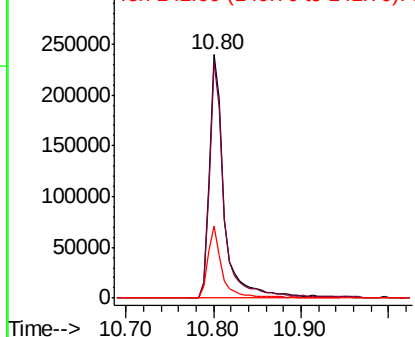


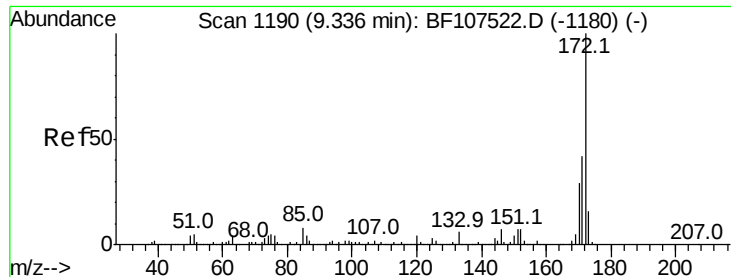
#41
2,4,6-Tribromophenol
Concen: 95.997 ng
RT: 10.80 min Scan# 1439
Delta R.T. -0.02 min
Lab File: BF107690.D
Acq: 26 Jul 2018 7:16

Tgt Ion:330 Resp: 283015
Ion Ratio Lower Upper
330 100
332 96.5 77.0 115.6
141 29.4 29.9 44.9#



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

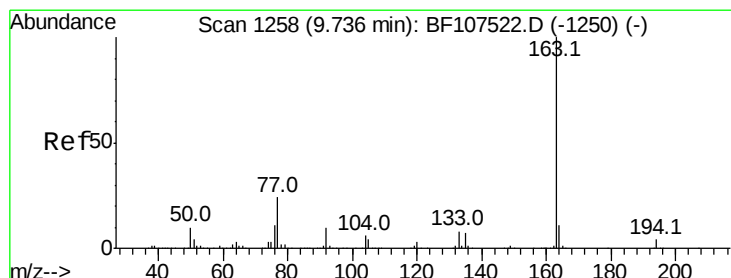
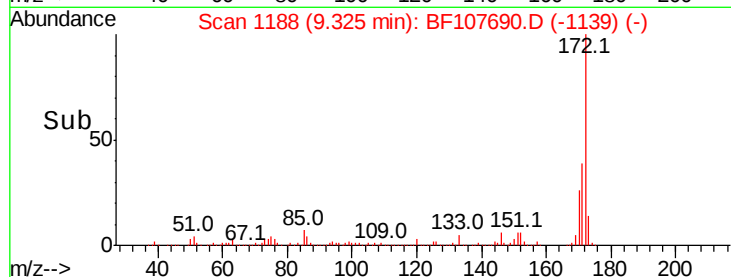
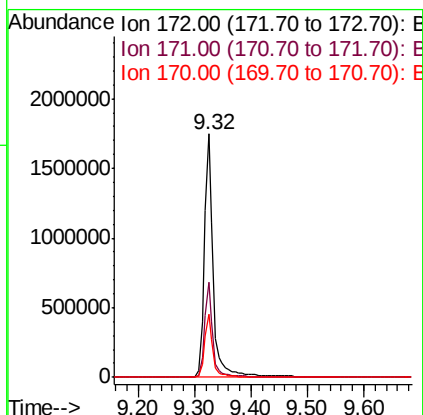
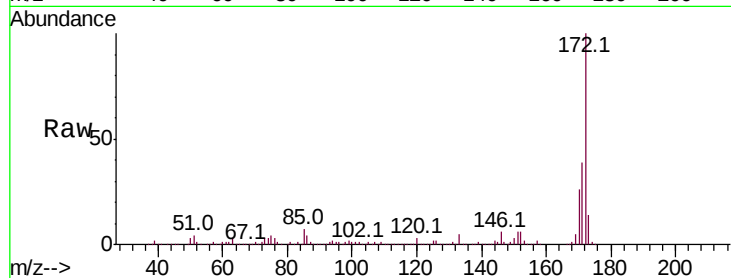




#44
2-Fluorobiphenyl
Concen: 173.098 ng
RT: 9.32 min Scan# 1188
Delta R.T. -0.01 min
Lab File: BF107690.D
Acq: 26 Jul 2018 7:16

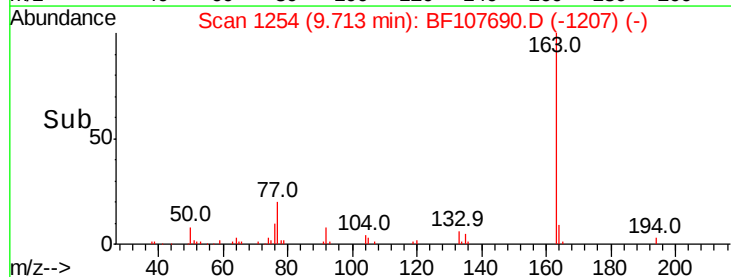
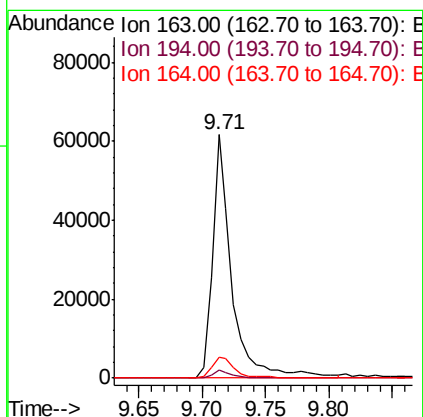
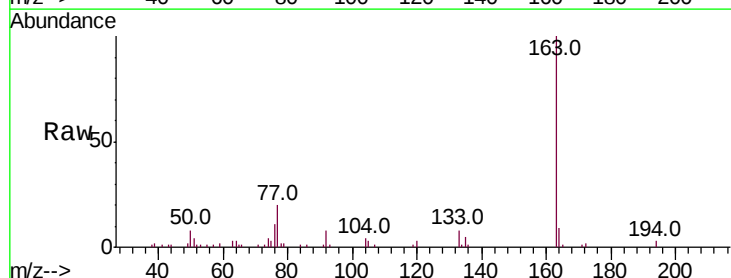
Instrument :
BNA_F
ClientSampled :

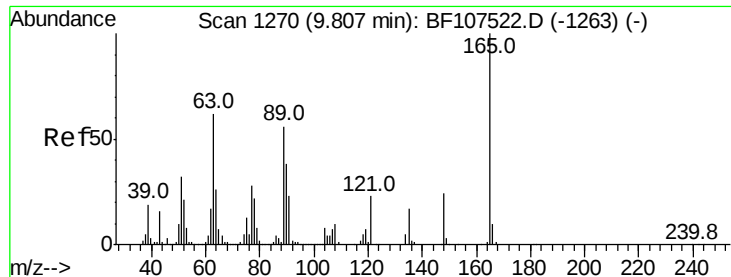
Tot Ion:172 Resp: 1965173
Ion Ratio Lower Upper
172 100
171 38.9 29.7 44.5
170 25.9 19.6 29.4



#49
Dimethylphthalate
Concen: 3.362 ng
RT: 9.71 min Scan# 1254
Delta R.T. -0.02 min
Lab File: BF107690.D
Acq: 26 Jul 2018 7:16

Tgt Ion:163 Resp: 65688
Ion Ratio Lower Upper
163 100
194 3.1 2.7 4.1
164 8.7 8.2 12.2

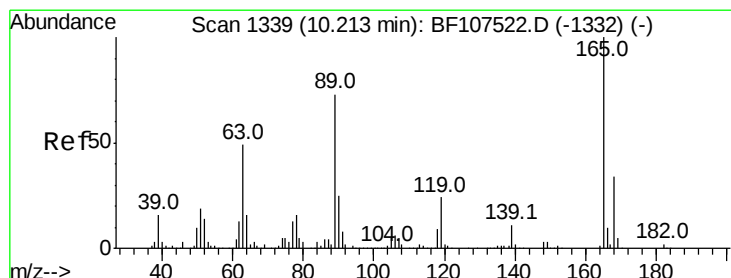
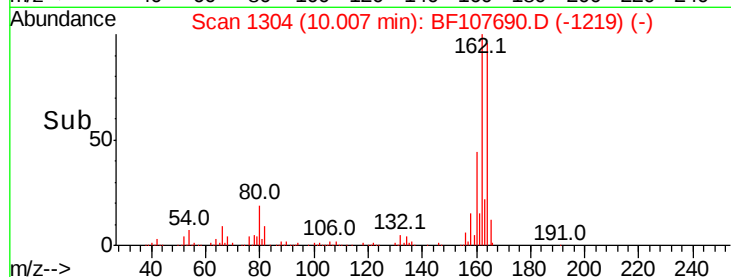
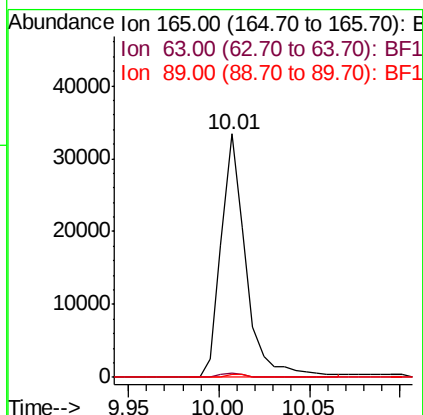
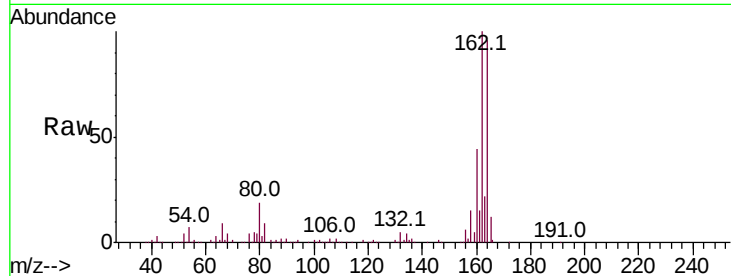




#50
 2,6-Dinitrotoluene
 Concen: 8.213 ng
 RT: 10.01 min Scan# 1304
 Delta R.T. 0.20 min
 Lab File: BF107690.D
 Acq: 26 Jul 2018 7:16

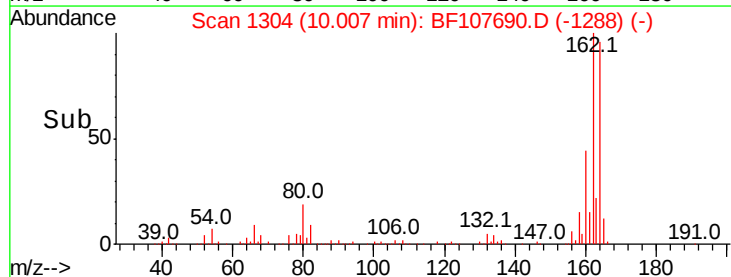
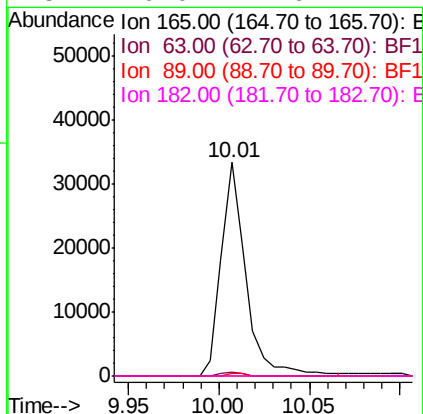
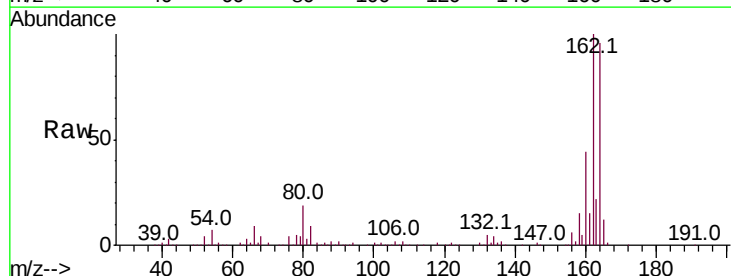
Instrument :
 BNA_F
 ClientSampleId :

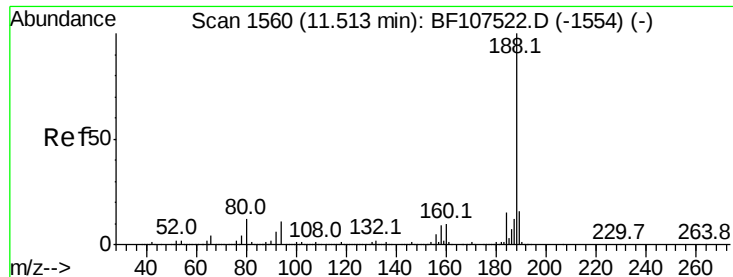
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.8	44.7	67.1#
89	1.3	44.0	66.0#



#56
 2,4-Dinitrotoluene
 Concen: 6.804 ng
 RT: 10.01 min Scan# 1304
 Delta R.T. -0.21 min
 Lab File: BF107690.D
 Acq: 26 Jul 2018 7:16

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.8	36.4	54.6#
89	1.3	57.8	86.6#
182	0.0	1.6	2.4#

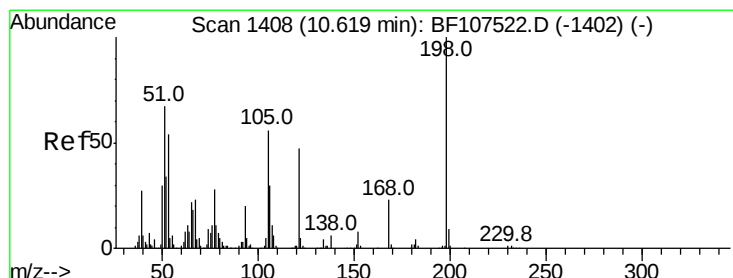
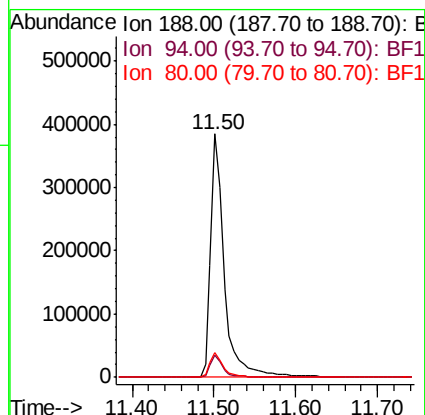
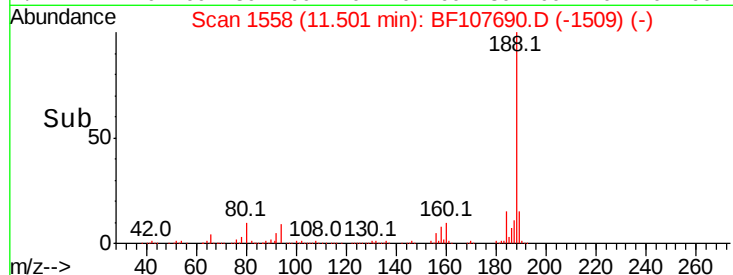
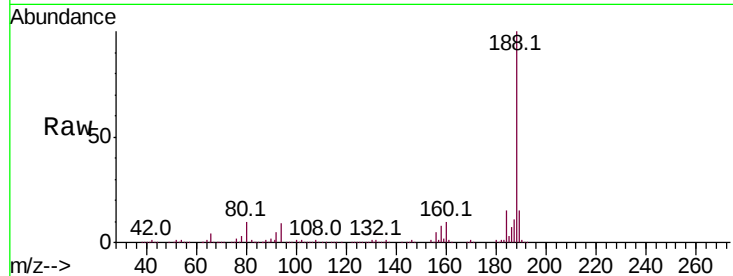




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1558
Delta R.T. -0.01 min
Lab File: BF107690.D
Acq: 26 Jul 2018 7:16

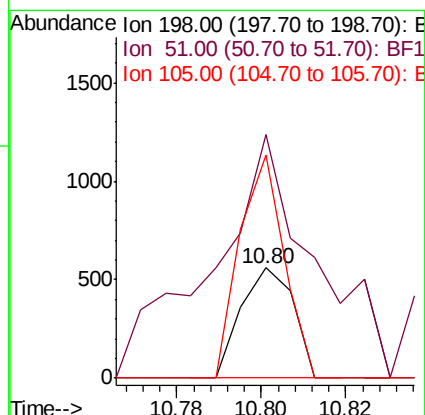
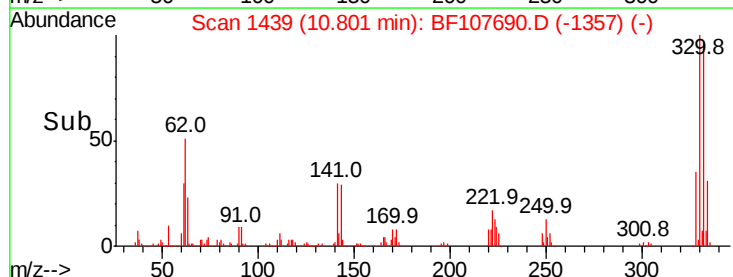
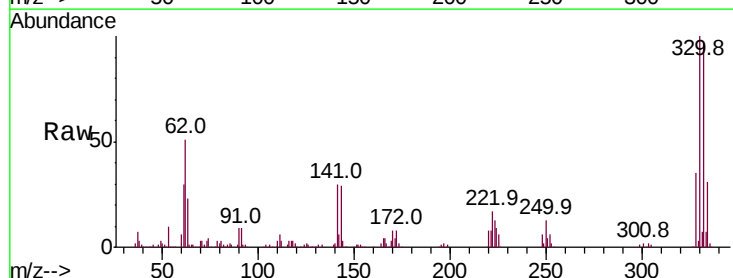
Instrument :
BNA_F
ClientSampleId :

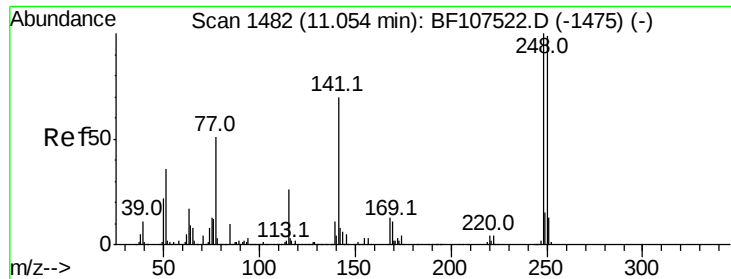
Tot Ion:188 Resp: 450094
Ion Ratio Lower Upper
188 100
94 9.2 8.5 12.7
80 10.3 9.2 13.8



#64
4,6-Dinitro-2-methylphenol
Concen: 8.862 ng
RT: 10.80 min Scan# 1439
Delta R.T. 0.18 min
Lab File: BF107690.D
Acq: 26 Jul 2018 7:16

Tgt Ion:198 Resp: 482
Ion Ratio Lower Upper
198 100
51 220.5 37.7 77.7#
105 202.3 36.3 76.3#

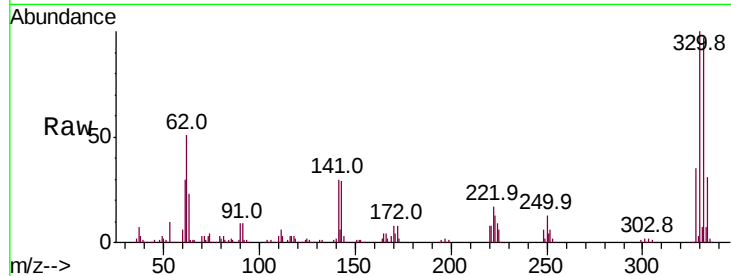




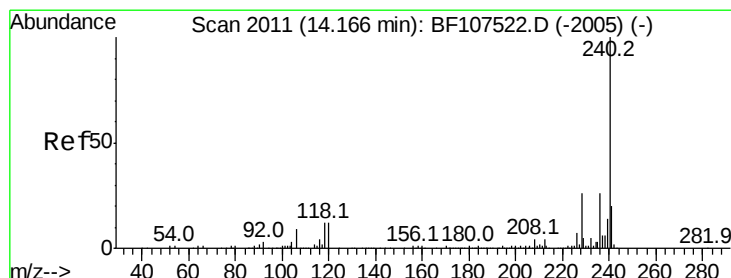
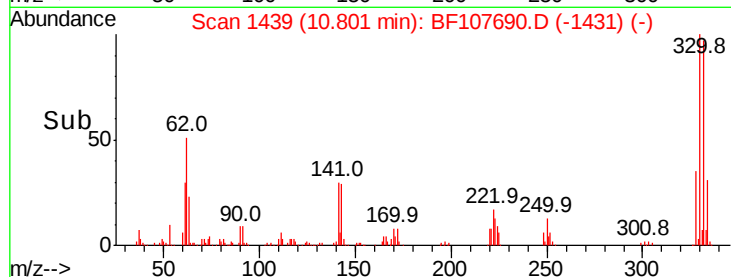
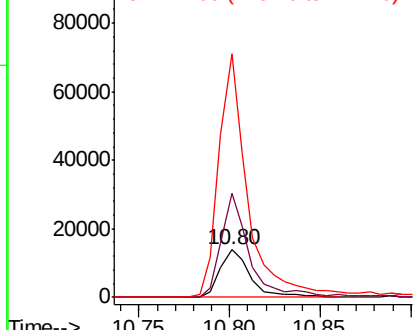
#66
4-Bromophenyl-phenylether
Concen: 3.071 ng
RT: 10.80 min Scan# 1439
Delta R.T. -0.25 min
Lab File: BF107690.D
Acq: 26 Jul 2018 7:16

Instrument :
BNA_F
ClientSampled :

Tot Ion:248 Resp: 16271
Ion Ratio Lower Upper
248 100
250 221.5 76.9 115.3#
141 516.1 74.4 111.6#

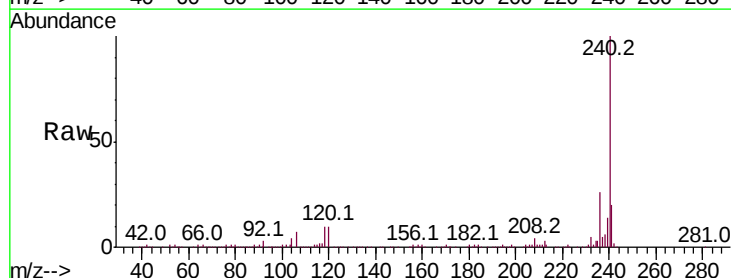


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

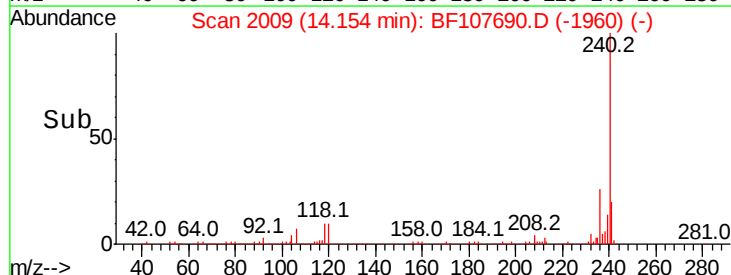
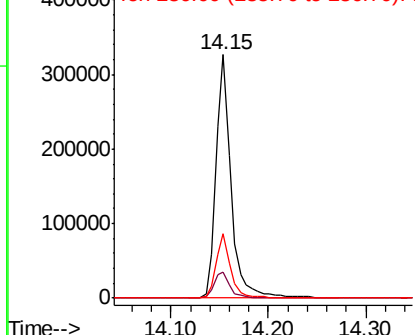


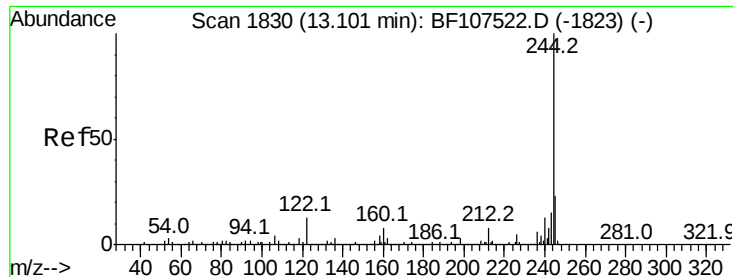
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.15 min Scan# 2009
Delta R.T. -0.01 min
Lab File: BF107690.D
Acq: 26 Jul 2018 7:16

Tgt Ion:240 Resp: 349491
Ion Ratio Lower Upper
240 100
120 10.4 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

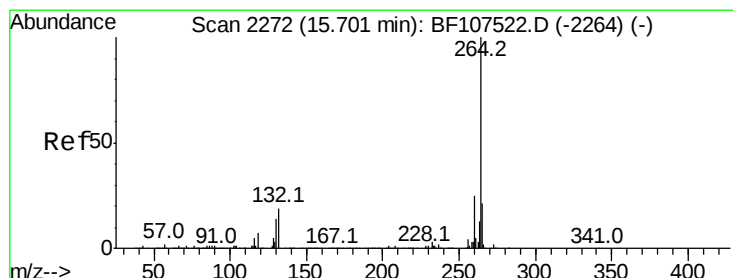
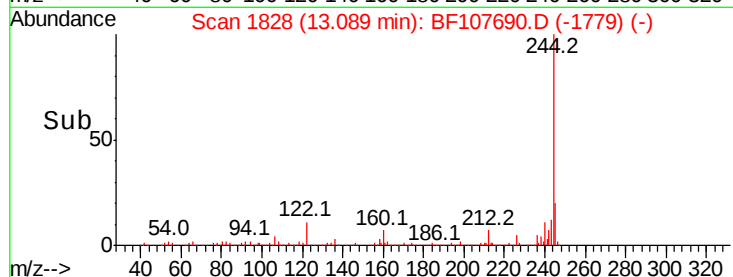
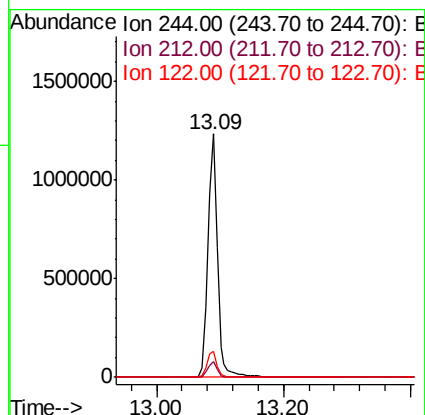
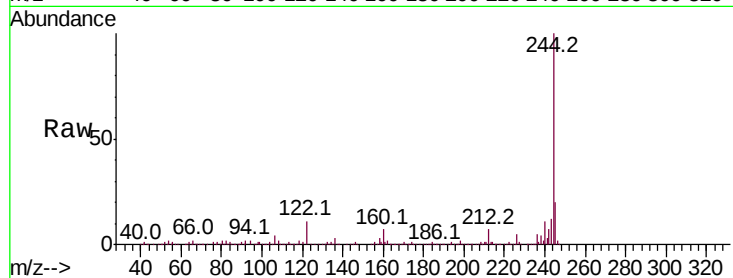




#78
 Terphenyl-d14
 Concen: 93.623 ng
 RT: 13.09 min Scan# 1828
 Delta R.T. -0.01 min
 Lab File: BF107690.D
 Acq: 26 Jul 2018 7:16

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 1278101
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.4 8.0
 122 10.8 11.0 16.4#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.69 min Scan# 2270
 Delta R.T. -0.01 min
 Lab File: BF107690.D
 Acq: 26 Jul 2018 7:16

Tgt Ion:264 Resp: 296498
 Ion Ratio Lower Upper
 264 100
 260 24.1 19.2 28.8
 265 20.5 17.5 26.3

