

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF072018\
 Data File : BF107576.D
 Acq On : 21 Jul 2018 15:08
 Operator : JU/SJ
 Sample : PB111309BL
 Misc :
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB111309BL

Quant Time: Jul 23 03:29:39 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	308111	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	1151770	20.00	ng	0.00
38) Acenaphthene-d10	10.01	164	437112	20.00	ng	0.00
63) Phenanthrene-d10	11.51	188	734989	20.00	ng	0.00
75) Chrysene-d12	14.16	240	679519	20.00	ng	0.00
86) Perylene-d12	15.69	264	558706	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.61	112	1351908	70.55	ng	0.00
7) Phenol-d6	6.60	99	1656121	71.97	ng	-0.01
23) Nitrobenzene-d5	7.54	82	1455503	85.28	ng	-0.01
41) 2,4,6-Tribromophenol	10.81	330	343748	69.16	ng	-0.01
44) 2-Fluorobiphenyl	9.33	172	2463535	101.82	ng	0.00
78) Terphenyl-d14	13.09	244	1850861	69.73	ng	0.00

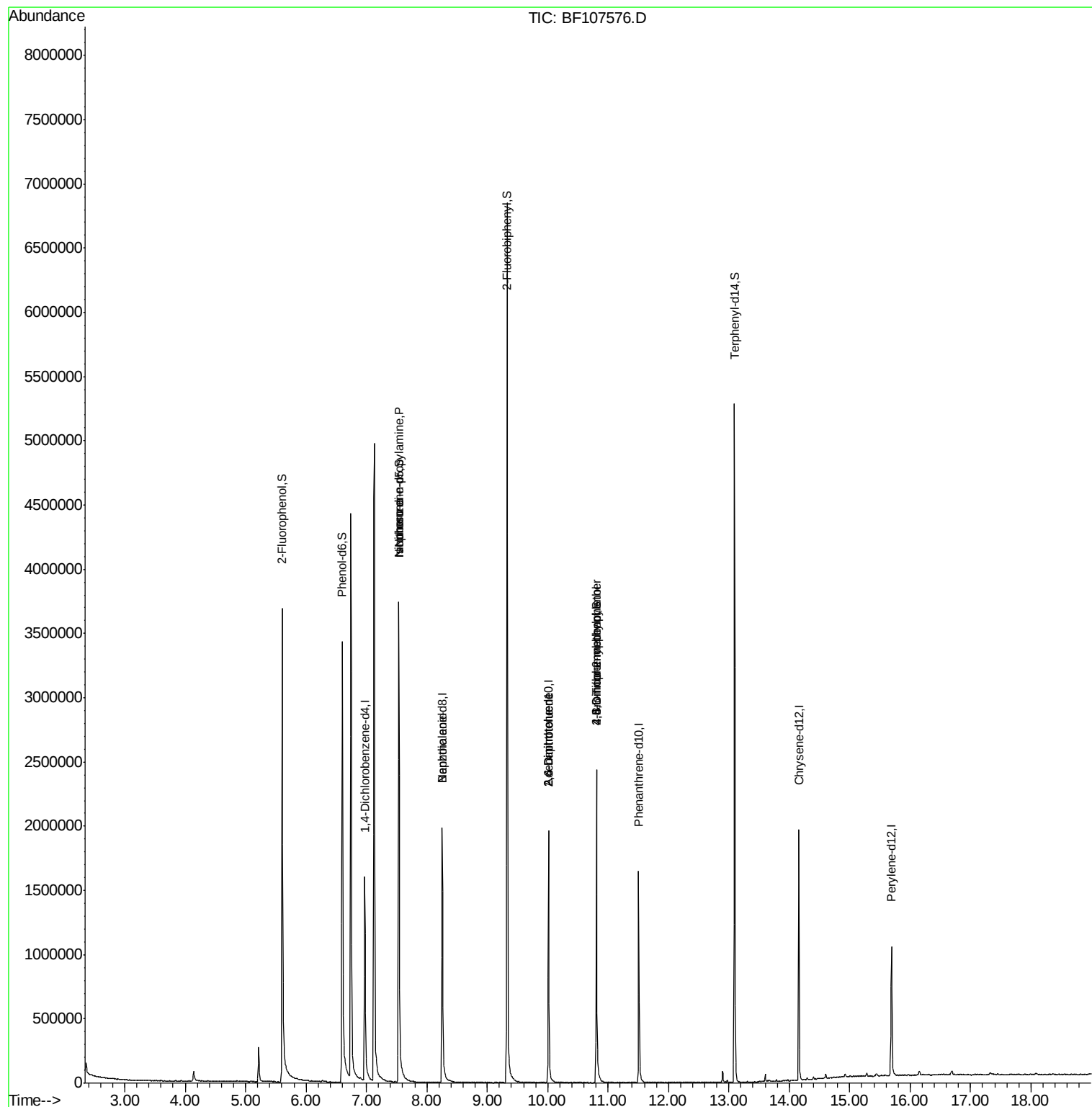
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
19) n-Nitroso-di-n-propylamine	7.54	70	190459	12.813	ng	# 81
25) Isophorone	7.54	82	1455496	39.943	ng	# 64
32) Benzoic acid	8.26	122	143	7.911	ng	# 1
50) 2,6-Dinitrotoluene	10.01	165	55267	8.450	ng	# 25
56) 2,4-Dinitrotoluene	10.01	165	55267	7.000	ng	# 23
64) 4,6-Dinitro-2-methylphenol	10.81	198	434	8.781	ng	# 1
66) 4-Bromophenyl-phenylether	10.81	248	20168	2.331	ng	# 1
73) Di-n-butylphthalate	12.05	149	855	Below Cal		# 78
81) 3,3'-Dichlorobenzidine	14.19	252	151	Below Cal		# 27

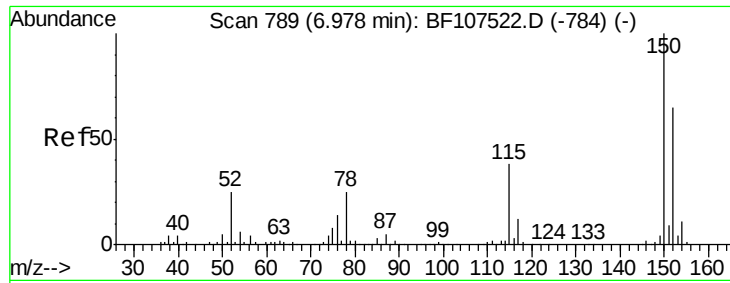
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF072018\
Data File : BF107576.D
Acq On : 21 Jul 2018 15:08
Operator : JU/SJ
Sample : PB111309BL
Misc :
ALS Vial : 48 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB111309BL

Quant Time: Jul 23 03:29:39 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



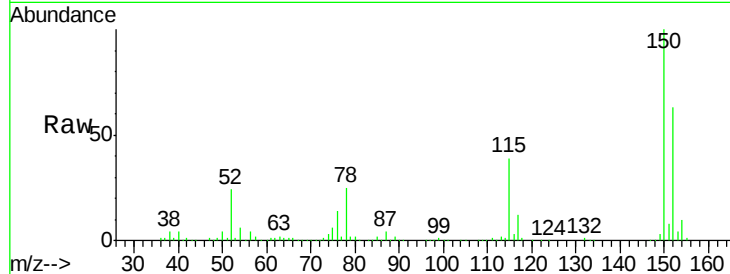


#1

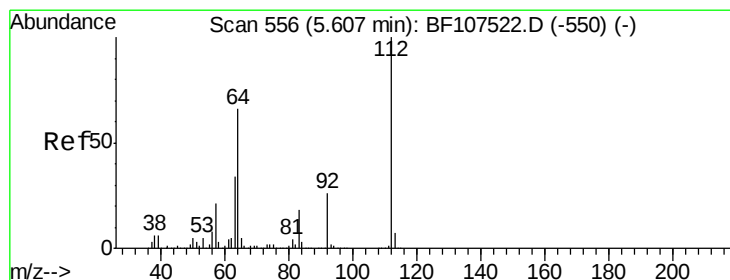
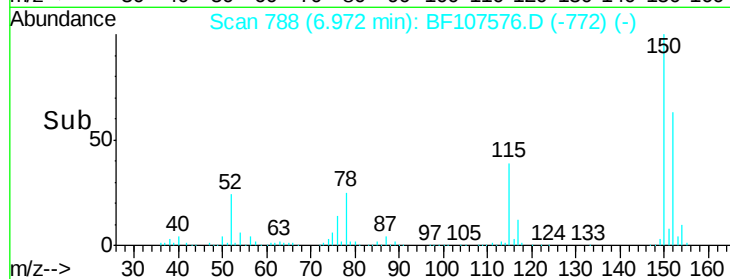
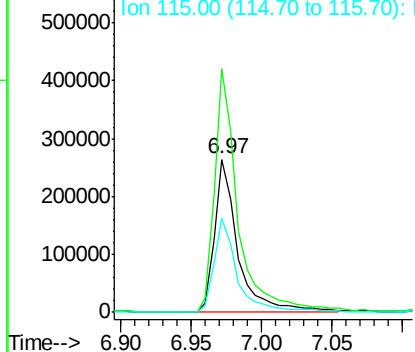
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 788
Delta R.T. -0.01 min
Lab File: BF107576.D
Acq: 21 Jul 2018 15:08

Instrument :
BNA_F
ClientSampleId :
PB111309BL

Tgt Ion:152 Resp: 308111
Ion Ratio Lower Upper
152 100
150 159.1 124.6 186.8
115 61.4 50.1 75.1



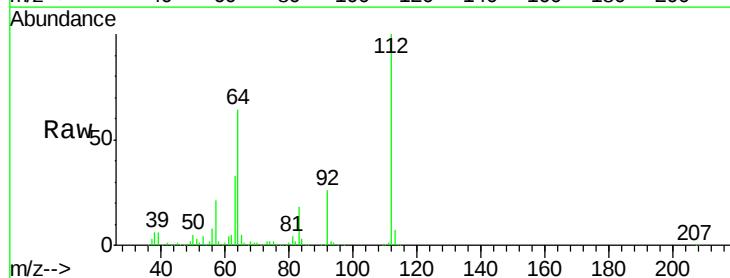
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



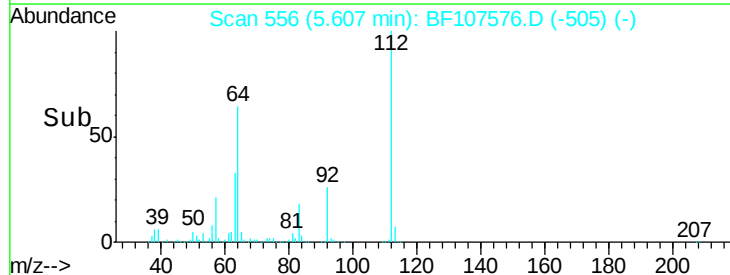
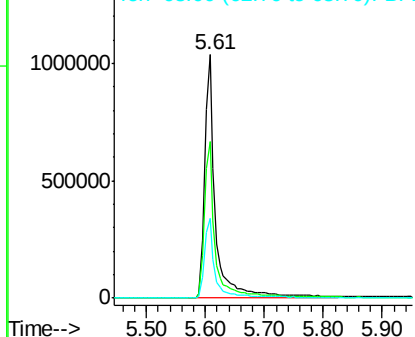
#5

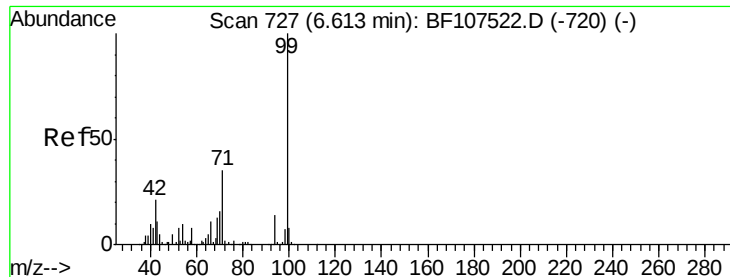
2-Fluorophenol
Concen: 70.546 ng
RT: 5.61 min Scan# 556
Delta R.T. 0.00 min
Lab File: BF107576.D
Acq: 21 Jul 2018 15:08

Tgt Ion:112 Resp: 1351908
Ion Ratio Lower Upper
112 100
64 64.2 47.9 71.9
63 32.6 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: 71.973 ng

RT: 6.60 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF107576.D

Acq: 21 Jul 2018 15:08

Instrument :

BNA_F

ClientSampleId :

PB111309BL

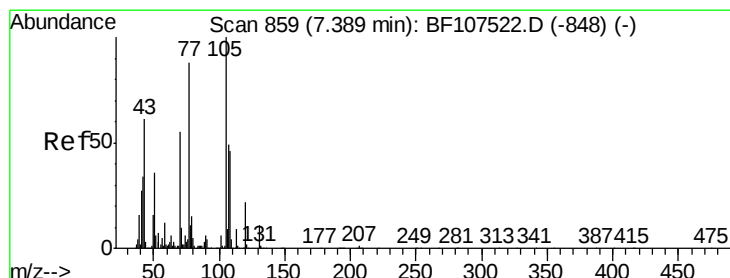
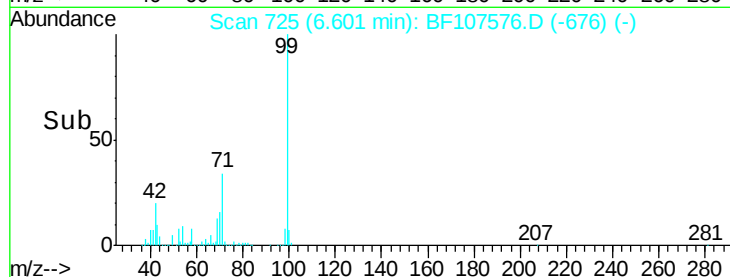
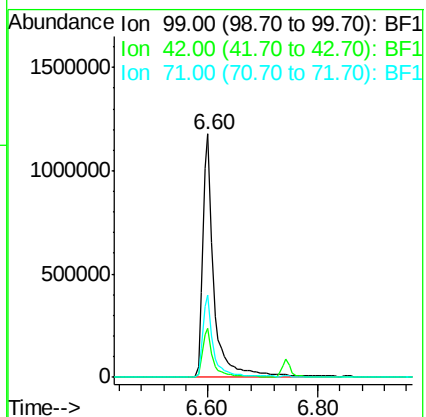
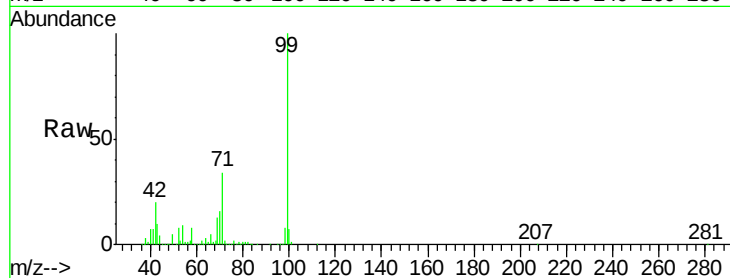
Tgt Ion: 99 Resp: 1656121

Ion Ratio Lower Upper

99 100

42 20.0 14.5 21.7

71 33.8 25.4 38.0



#19

n-Nitroso-di-n-propylamine

Concen: 12.813 ng

RT: 7.54 min Scan# 884

Delta R.T. 0.15 min

Lab File: BF107576.D

Acq: 21 Jul 2018 15:08

Tgt Ion: 70 Resp: 190459

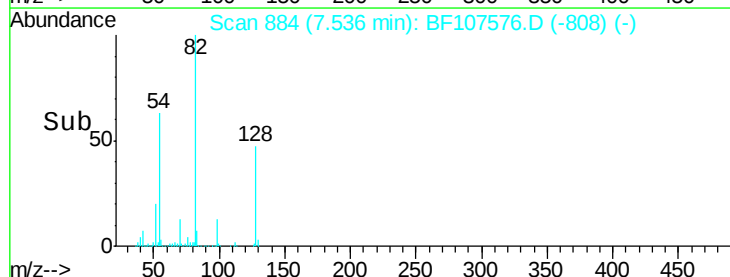
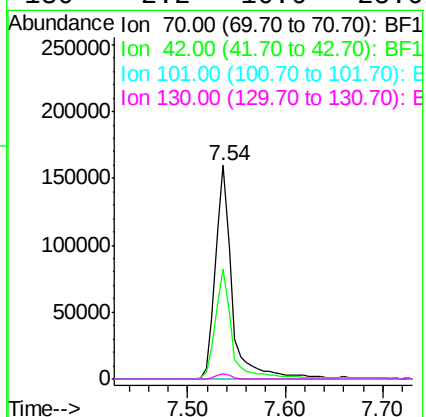
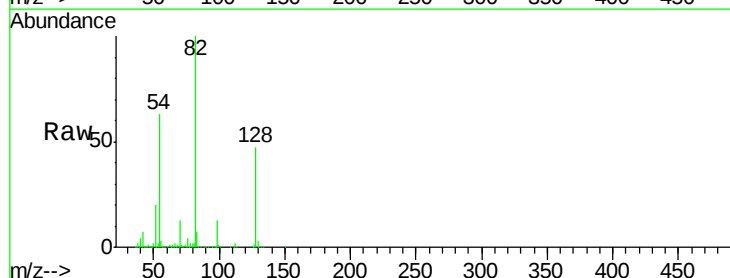
Ion Ratio Lower Upper

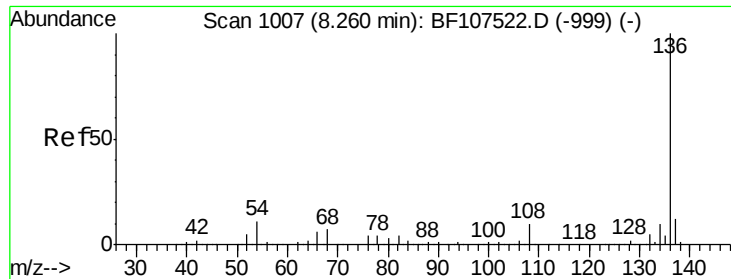
70 100

42 51.7 47.5 71.3

101 0.0 7.4 11.2#

130 2.2 16.6 25.0#

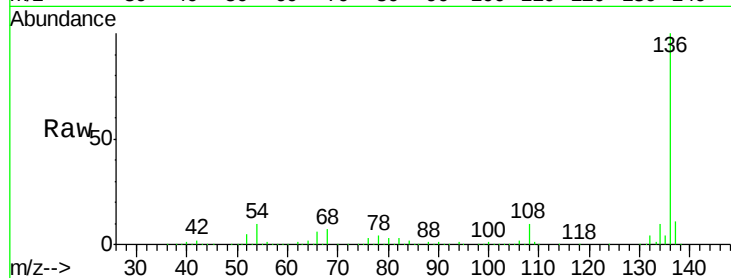




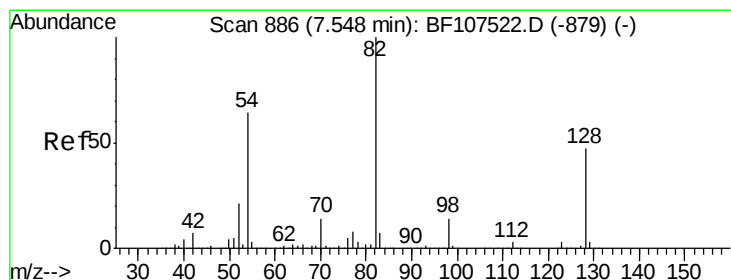
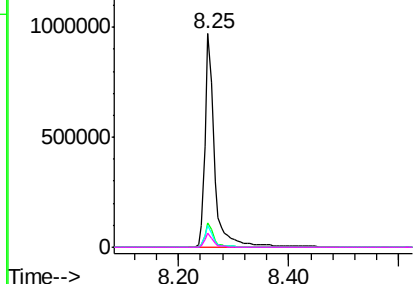
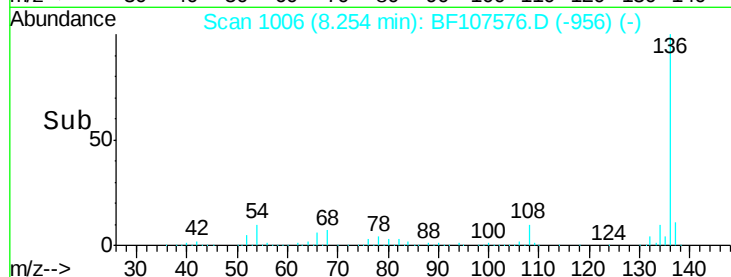
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.25 min Scan# 1006
Delta R.T. -0.01 min
Lab File: BF107576.D
Acq: 21 Jul 2018 15:08

Instrument :
BNA_F
ClientSampleId :
PB111309BL

Tgt Ion: 136 Resp: 1151770
Ion Ratio Lower Upper
136 100
137 11.5 8.9 13.3
54 10.2 6.6 9.8#
68 6.6 5.0 7.4

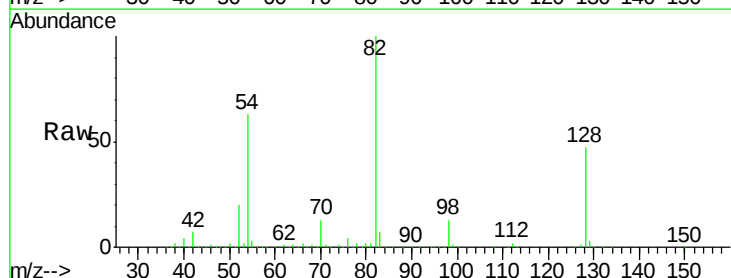


Abundance Ion 136.00 (135.70 to 136.70): E
1500000
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

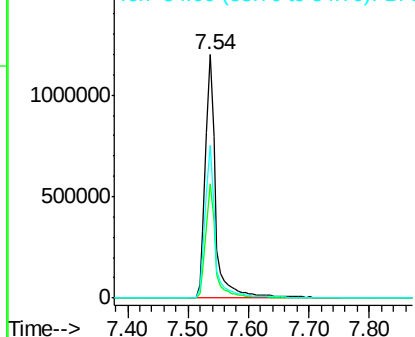
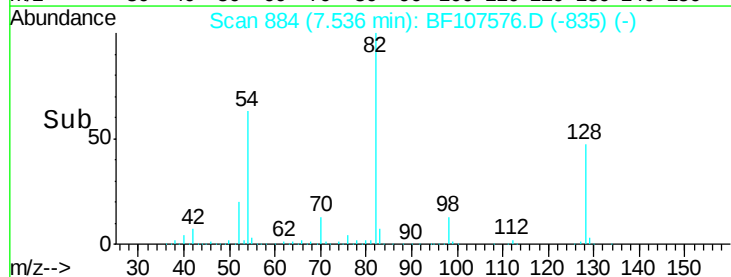


#23
Nitrobenzene-d5
Concen: 85.285 ng
RT: 7.54 min Scan# 884
Delta R.T. -0.01 min
Lab File: BF107576.D
Acq: 21 Jul 2018 15:08

Tgt Ion: 82 Resp: 1455503
Ion Ratio Lower Upper
82 100
128 46.8 36.1 54.1
54 62.8 41.4 62.2#



Abundance Ion 82.00 (81.70 to 82.70): BF1
1500000
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1

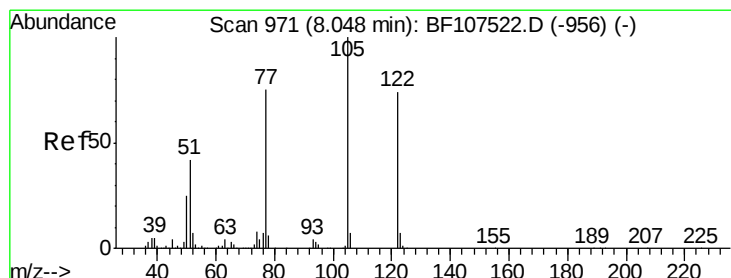
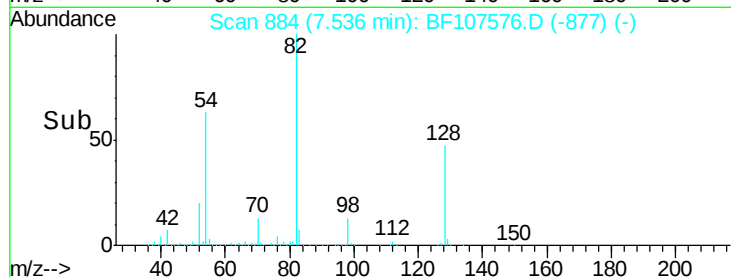
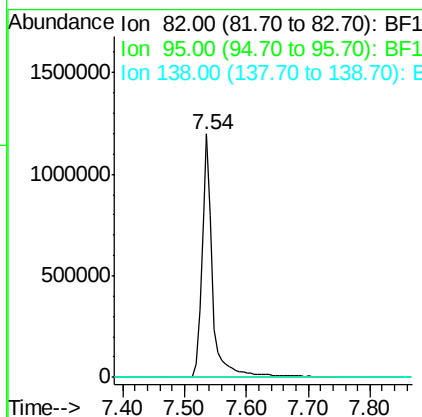
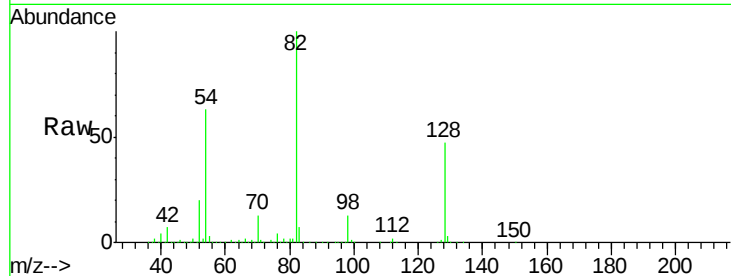




#25
Isophorone
Concen: 39.943 ng
RT: 7.54 min Scan# 884
Delta R.T. -0.26 min
Lab File: BF107576.D
Acq: 21 Jul 2018 15:08

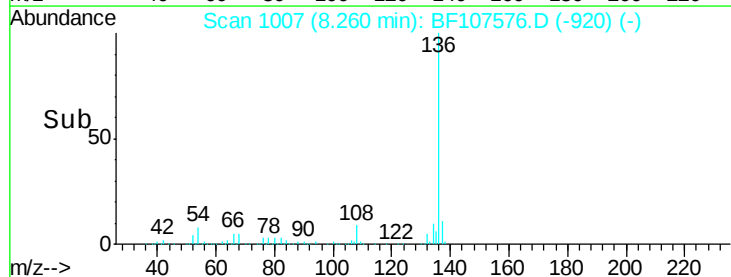
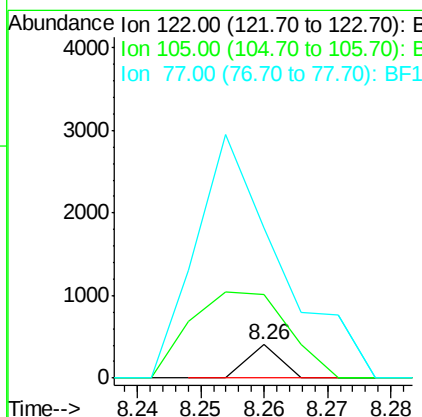
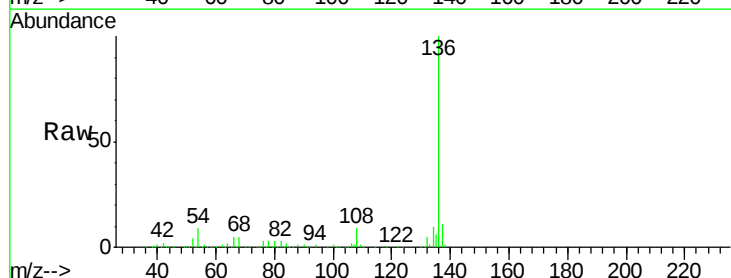
Instrument :
BNA_F
ClientSampleId :
PB111309BL

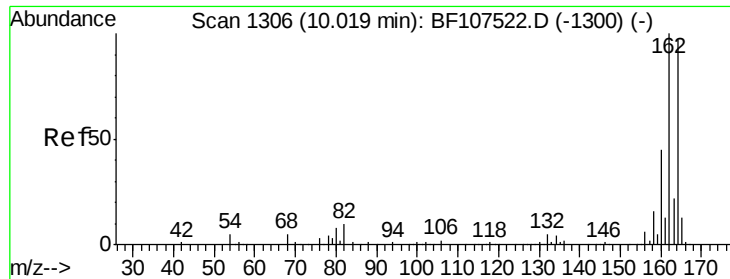
Tgt Ion: 82 Resp: 1455496
Ion Ratio Lower Upper
82 100
95 0.0 5.2 7.8#
138 0.0 14.9 22.3#



#32
Benzoic acid
Concen: 7.911 ng
RT: 8.26 min Scan# 1007
Delta R.T. 0.21 min
Lab File: BF107576.D
Acq: 21 Jul 2018 15:08

Tgt Ion: 122 Resp: 143
Ion Ratio Lower Upper
122 100
105 247.8 101.1 141.1#
77 448.3 70.7 110.7#





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.01 min Scan# 1305

Delta R.T. -0.01 min

Lab File: BF107576.D

Acq: 21 Jul 2018 15:08

Instrument :

BNA_F

ClientSampleId :

PB111309BL

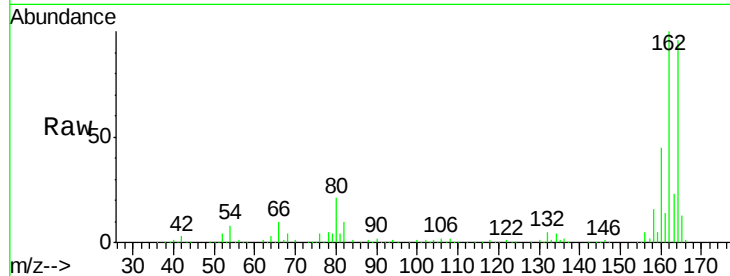
Tgt Ion:164 Resp: 437112

Ion Ratio Lower Upper

164 100

162 104.4 86.1 129.1

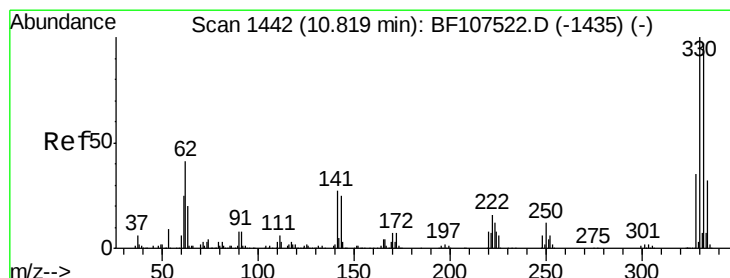
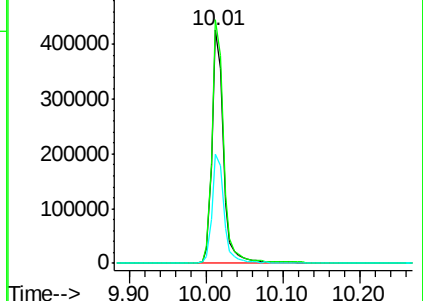
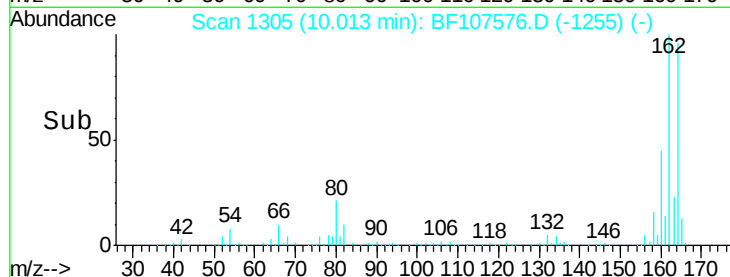
160 47.1 38.3 57.5



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: 69.156 ng

RT: 10.81 min Scan# 1440

Delta R.T. -0.01 min

Lab File: BF107576.D

Acq: 21 Jul 2018 15:08

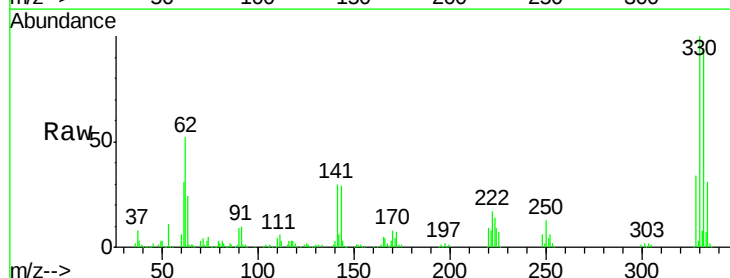
Tgt Ion:330 Resp: 343748

Ion Ratio Lower Upper

330 100

332 95.4 77.0 115.6

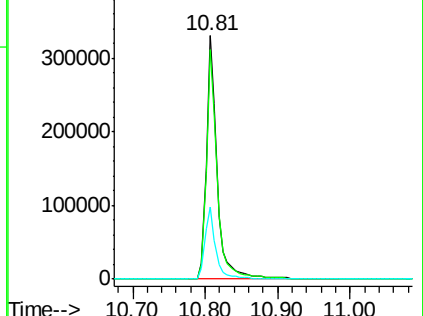
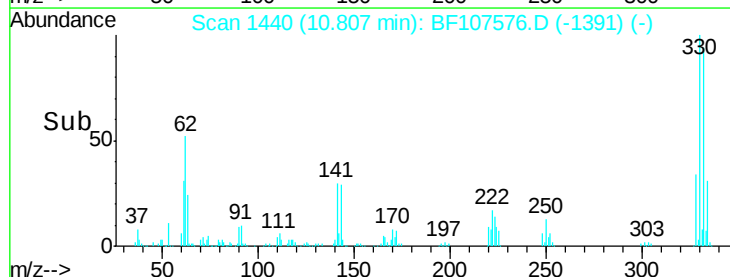
141 29.8 29.9 44.9#

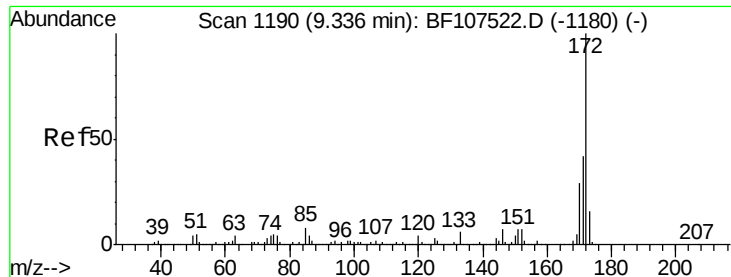


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

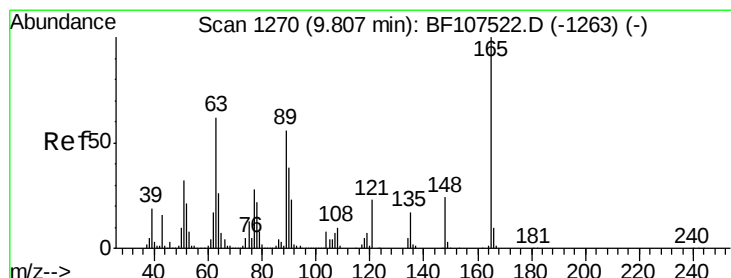
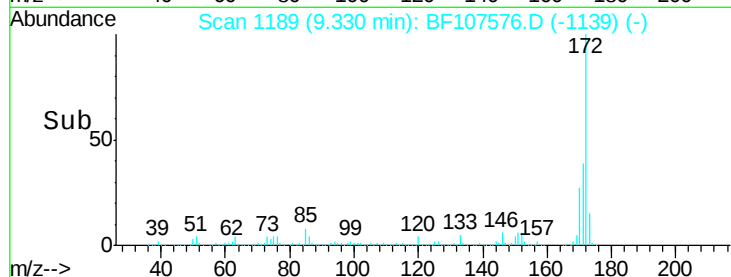
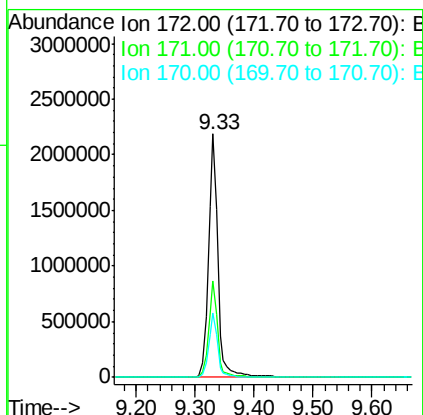
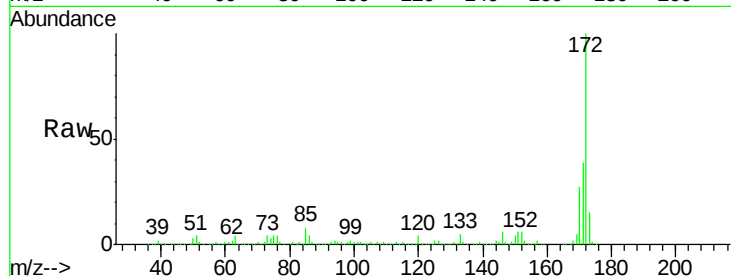




#44
 2-Fluorobiphenyl
 Concen: 101.817 ng
 RT: 9.33 min Scan# 1189
 Delta R.T. -0.01 min
 Lab File: BF107576.D
 Acq: 21 Jul 2018 15:08

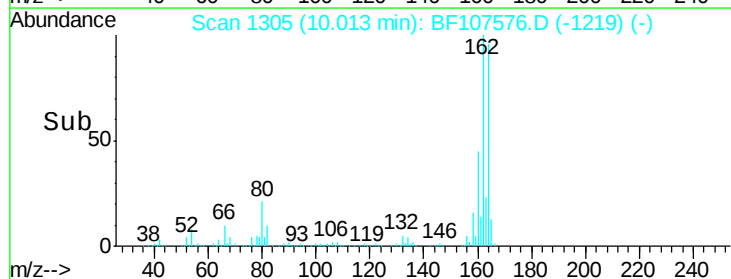
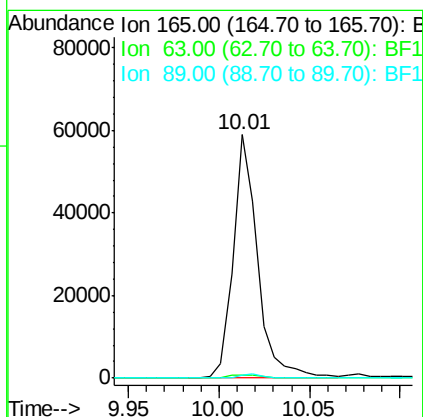
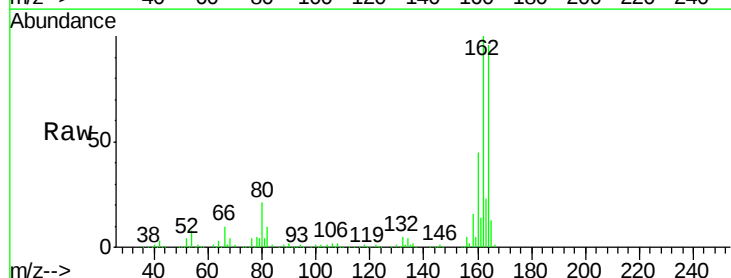
Instrument :
 BNA_F
 ClientSampleId :
 PB111309BL

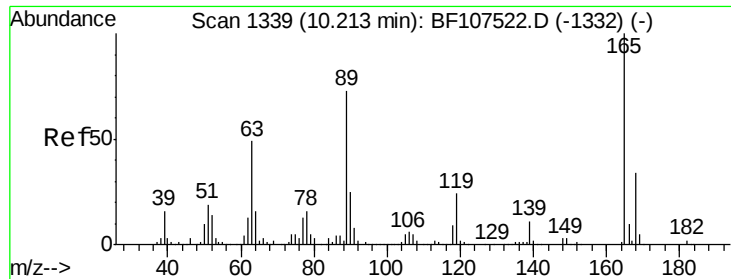
Tgt Ion:172 Resp: 2463535
 Ion Ratio Lower Upper
 172 100
 171 39.5 29.7 44.5
 170 26.5 19.6 29.4



#50
 2,6-Dinitrotoluene
 Concen: 8.450 ng
 RT: 10.01 min Scan# 1305
 Delta R.T. 0.21 min
 Lab File: BF107576.D
 Acq: 21 Jul 2018 15:08

Tgt Ion:165 Resp: 55267
 Ion Ratio Lower Upper
 165 100
 63 1.3 44.7 67.1#
 89 1.3 44.0 66.0#

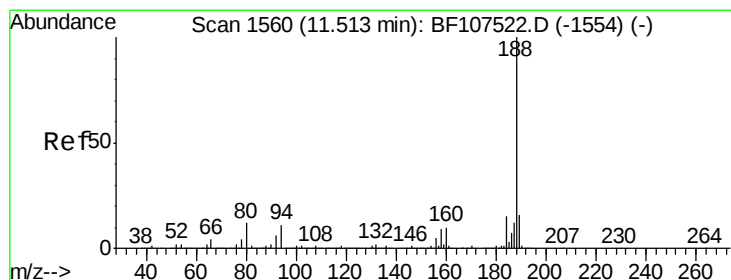
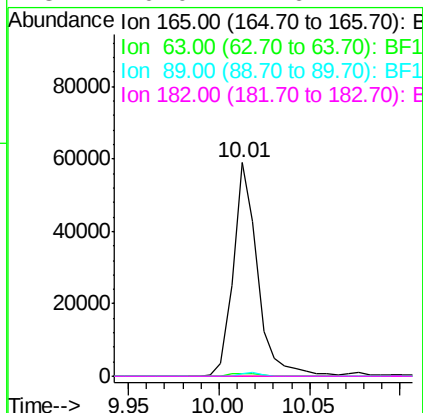
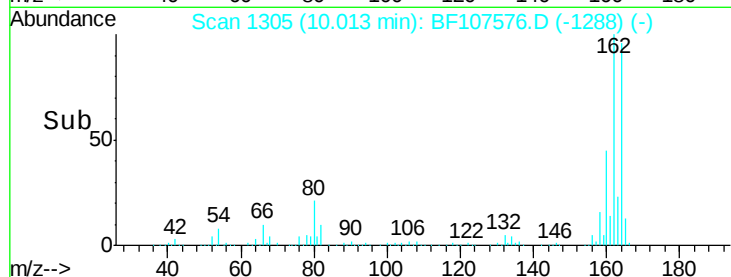
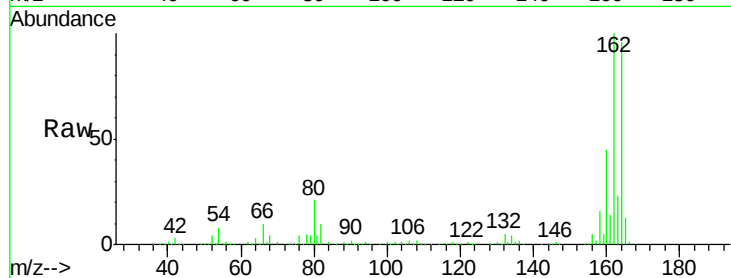




#56
2,4-Dinitrotoluene
Concen: 7.000 ng
RT: 10.01 min Scan# 1305
Delta R.T. -0.20 min
Lab File: BF107576.D
Acq: 21 Jul 2018 15:08

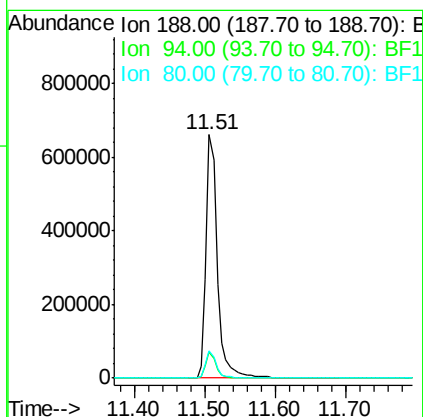
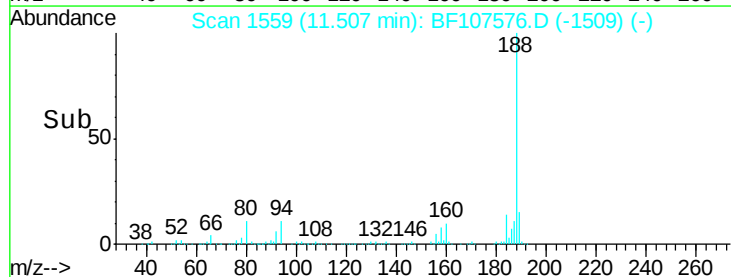
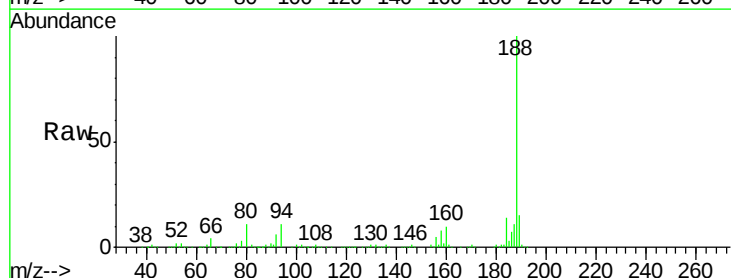
Instrument :
BNA_F
ClientSampleId :
PB111309BL

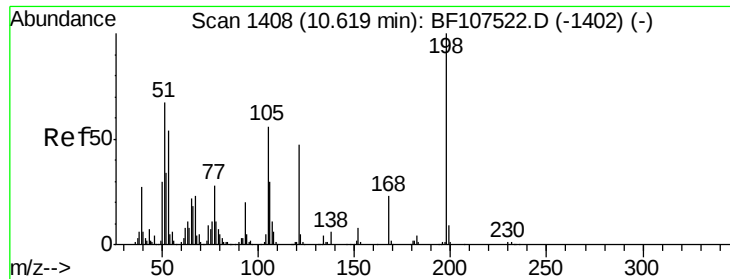
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.3	36.4	54.6#
89	1.3	57.8	86.6#
182	0.0	1.6	2.4#



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.51 min Scan# 1559
Delta R.T. -0.01 min
Lab File: BF107576.D
Acq: 21 Jul 2018 15:08

Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.9	8.5	12.7
80	11.4	9.2	13.8

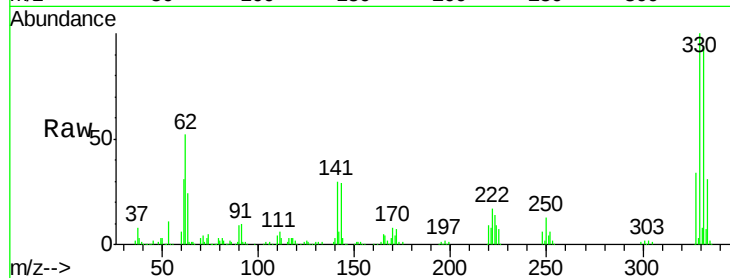




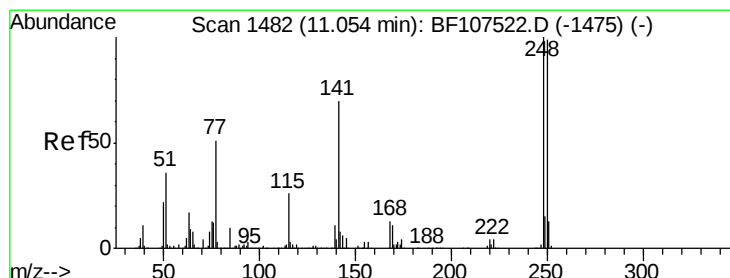
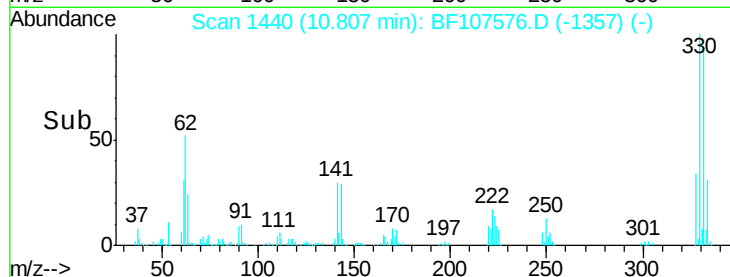
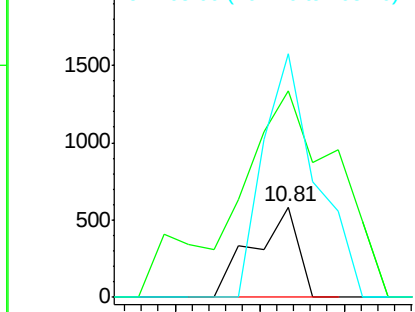
#64
 4,6-Dinitro-2-methylphenol
 Concen: 8.781 ng
 RT: 10.81 min Scan# 1440
 Delta R.T. 0.19 min
 Lab File: BF107576.D
 Acq: 21 Jul 2018 15:08

Instrument :
 BNA_F
 ClientSampleId :
 PB111309BL

Tgt Ion:198 Resp: 434
 Ion Ratio Lower Upper
 198 100
 51 228.0 37.7 77.7#
 105 268.6 36.3 76.3#

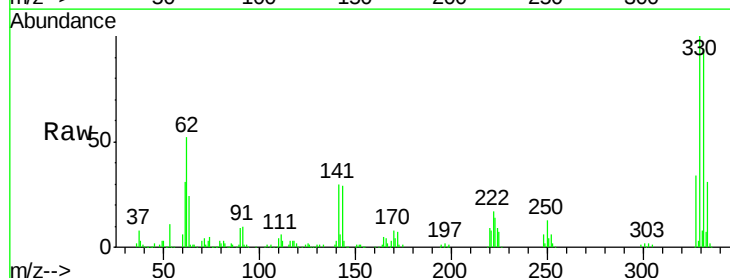


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF1
 Ion 105.00 (104.70 to 105.70): E

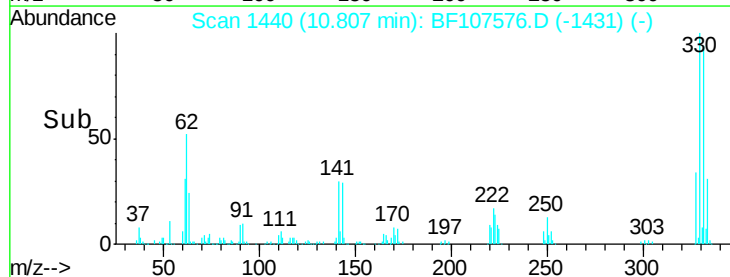
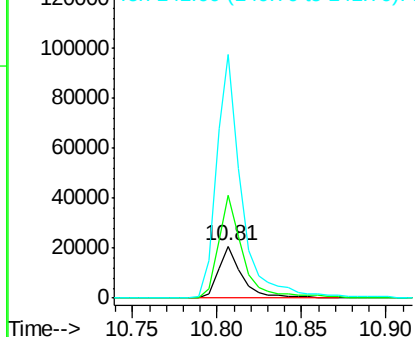


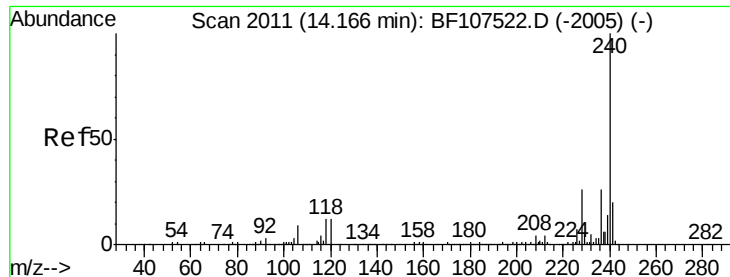
#66
 4-Bromophenyl-phenylether
 Concen: 2.331 ng
 RT: 10.81 min Scan# 1440
 Delta R.T. -0.25 min
 Lab File: BF107576.D
 Acq: 21 Jul 2018 15:08

Tgt Ion:248 Resp: 20168
 Ion Ratio Lower Upper
 248 100
 250 199.0 76.9 115.3#
 141 470.0 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: 14.16 min Scan# 2010

Delta R.T. -0.01 min

Lab File: BF107576.D

Acq: 21 Jul 2018 15:08

Instrument :

BNA_F

ClientSampleId :

PB111309BL

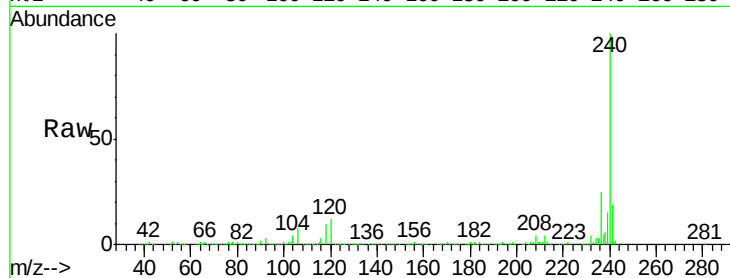
Tgt Ion:240 Resp: 679519

Ion Ratio Lower Upper

240 100

120 12.1 9.5 14.3

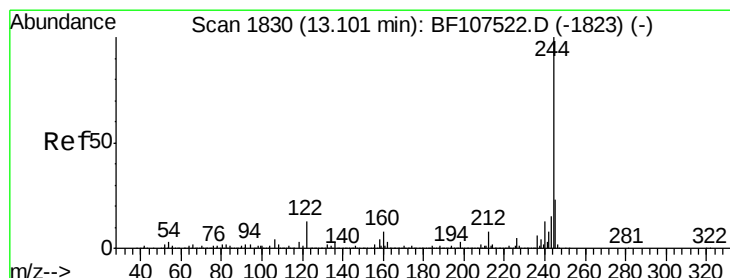
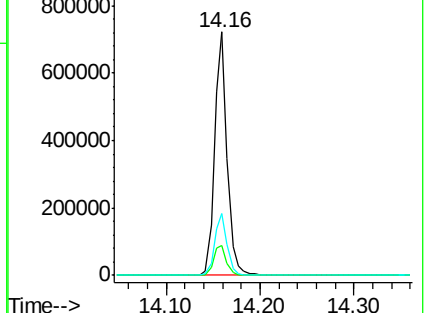
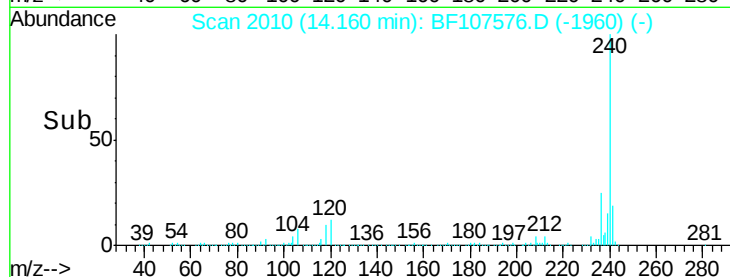
236 25.2 20.7 31.1



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: 69.731 ng

RT: 13.09 min Scan# 1829

Delta R.T. -0.01 min

Lab File: BF107576.D

Acq: 21 Jul 2018 15:08

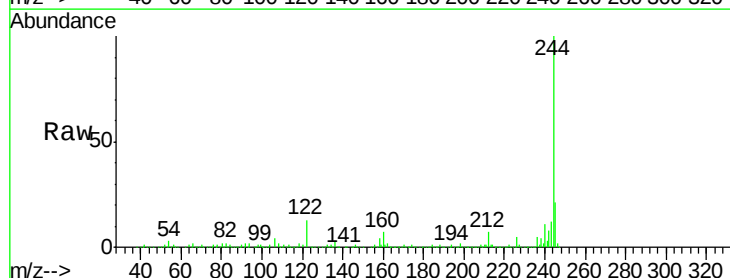
Tgt Ion:244 Resp: 1850861

Ion Ratio Lower Upper

244 100

212 7.2 5.4 8.0

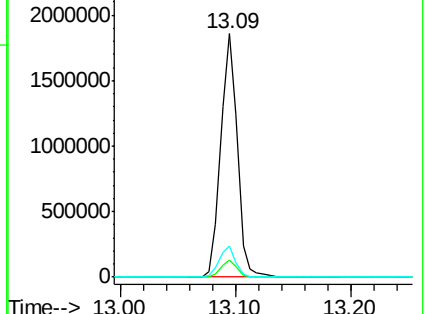
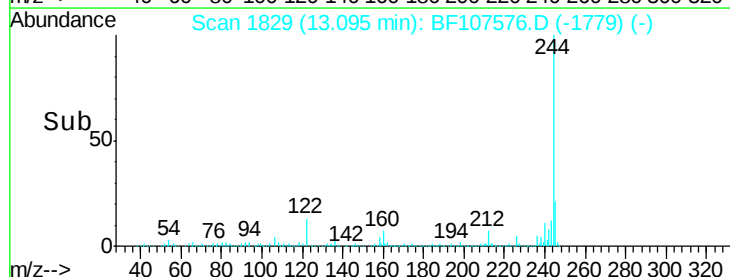
122 12.5 11.0 16.4

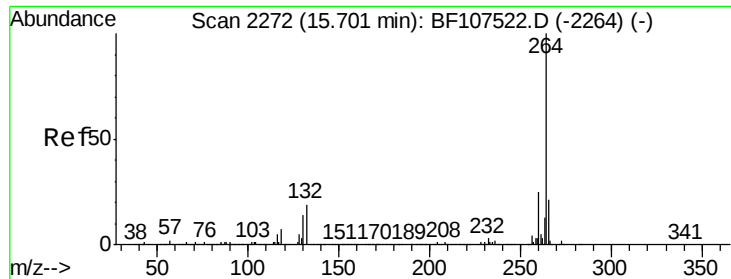


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.69 min Scan# 2271
Delta R.T. -0.01 min
Lab File: BF107576.D
Acq: 21 Jul 2018 15:08

Instrument :
BNA_F
ClientSampleId :
PB111309BL

Tgt Ion: 264 Resp: 558706
Ion Ratio Lower Upper
264 100
260 24.7 19.2 28.8
265 21.4 17.5 26.3

