

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072518\
 Data File : BF107687.D
 Acq On : 26 Jul 2018 5:56
 Operator : JU/SJ
 Sample : J4133-04
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 26 07:53:55 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	170804	20.00	ng	-0.01
21) Naphthalene-d8	8.25	136	612189	20.00	ng	-0.01
38) Acenaphthene-d10	10.01	164	225869	20.00	ng	-0.01
63) Phenanthrene-d10	11.50	188	404636	20.00	ng	-0.01
75) Chrysene-d12	14.15	240	339463	20.00	ng	-0.01
86) Perylene-d12	15.69	264	264524	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.60	112	405080	38.13	ng	-0.01
7) Phenol-d6	6.60	99	379333	29.74	ng	-0.02
23) Nitrobenzene-d5	7.54	82	1091143	120.29	ng	-0.01
41) 2,4,6-Tribromophenol	10.80	330	254762	99.19	ng	-0.02
44) 2-Fluorobiphenyl	9.32	172	1845570	-20.00	ng	-0.01
78) Terphenyl-d14	13.09	244	1281087	96.61	ng	-0.01

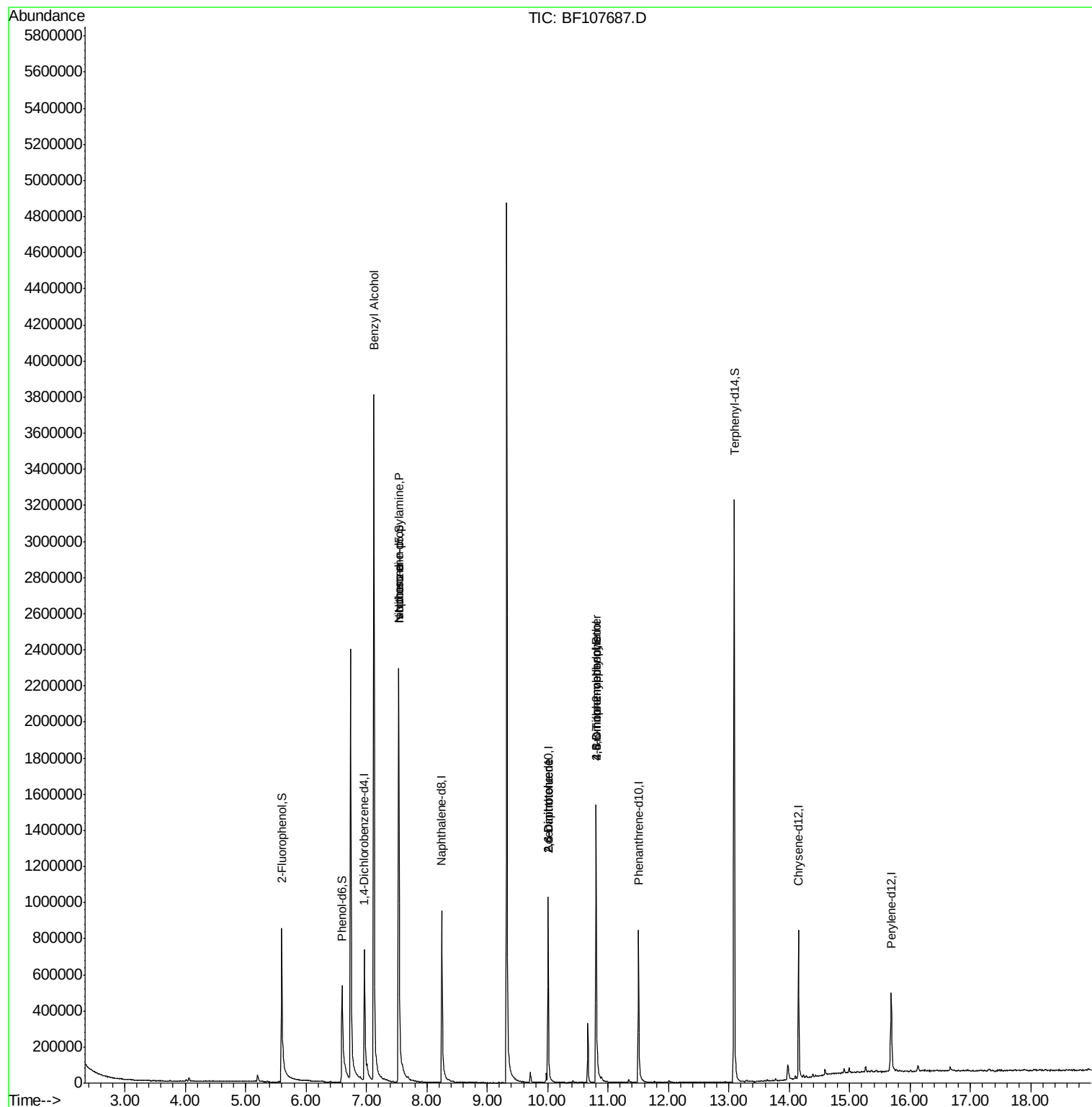
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
15) Benzyl Alcohol	7.12	79	18308	2.106	ng	# 44
19) n-Nitroso-di-n-propylamine	7.54	70	140060	16.996	ng	# 77
25) Isophorone	7.54	82	1094520	56.511	ng	# 64
50) 2,6-Dinitrotoluene	10.01	165	28293	8.371	ng	# 25
56) 2,4-Dinitrotoluene	10.01	165	28557	7.000	ng	# 23
64) 4,6-Dinitro-2-methylphenol	10.80	198	248	8.785	ng	# 1
66) 4-Bromophenyl-phenylether	10.80	248	15025	3.154	ng	# 1
73) Di-n-butylphthalate	12.05	149	958	Below Cal		# 78

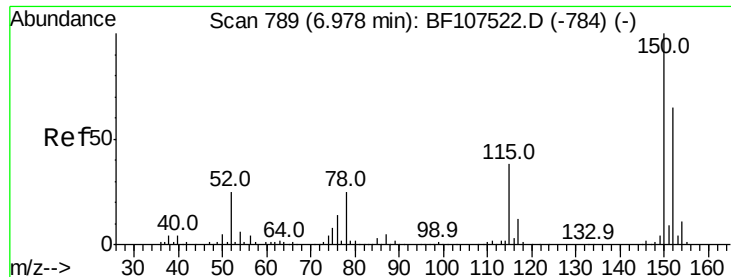
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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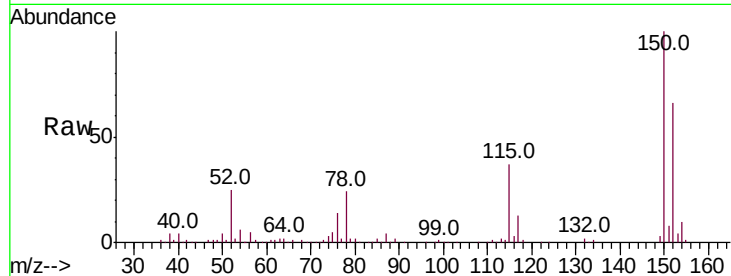


#1

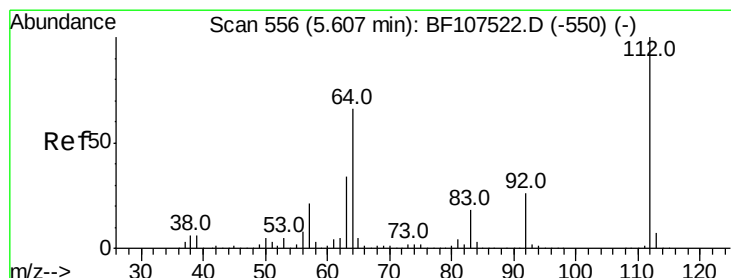
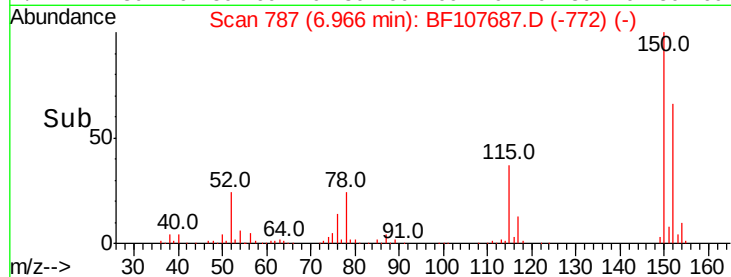
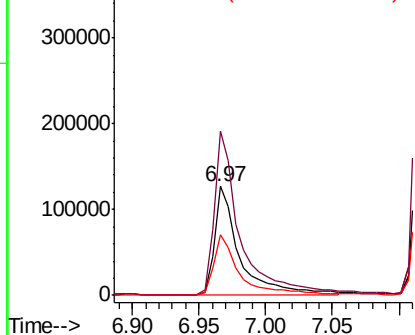
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 787
Delta R.T. -0.01 min
Lab File: BF107687.D
Acq: 26 Jul 2018 5:56

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 170804
Ion Ratio Lower Upper
152 100
150 150.4 124.6 186.8
115 55.1 50.1 75.1



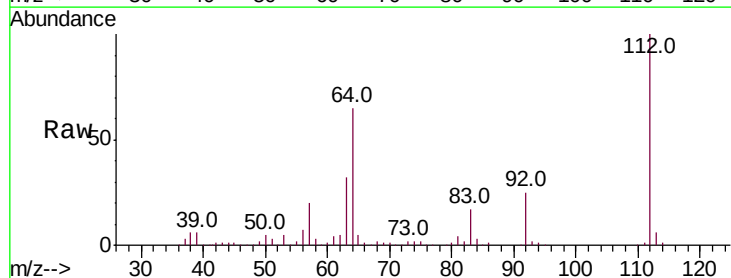
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



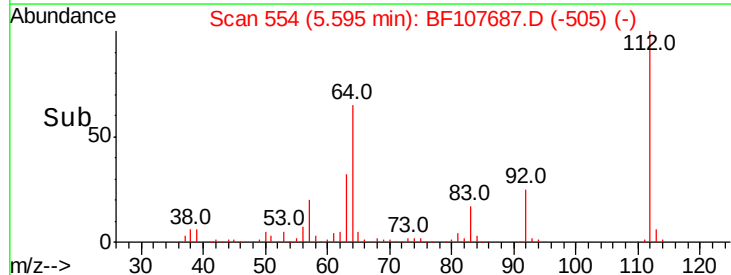
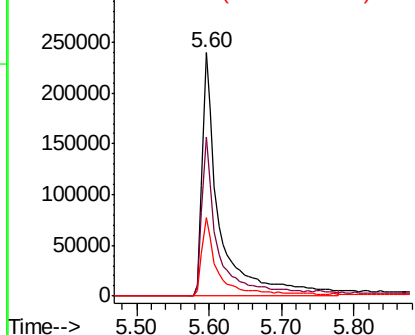
#5

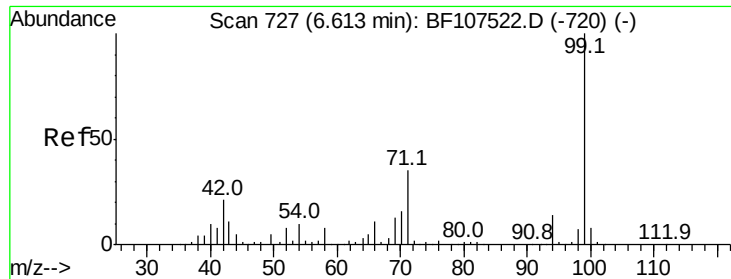
2-Fluorophenol
Concen: 38.131 ng
RT: 5.60 min Scan# 554
Delta R.T. -0.01 min
Lab File: BF107687.D
Acq: 26 Jul 2018 5:56

Tgt Ion:112 Resp: 405080
Ion Ratio Lower Upper
112 100
64 65.4 47.9 71.9
63 32.5 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: 29.738 ng

RT: 6.60 min Scan# 724

Delta R.T. -0.02 min

Lab File: BF107687.D

Acq: 26 Jul 2018 5:56

Instrument :

BNA_F

ClientSampled :

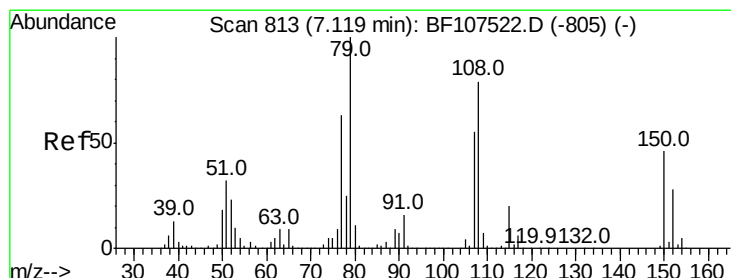
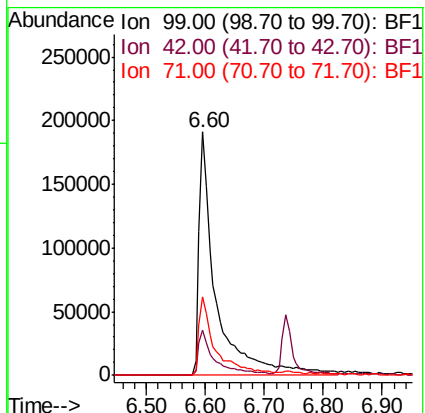
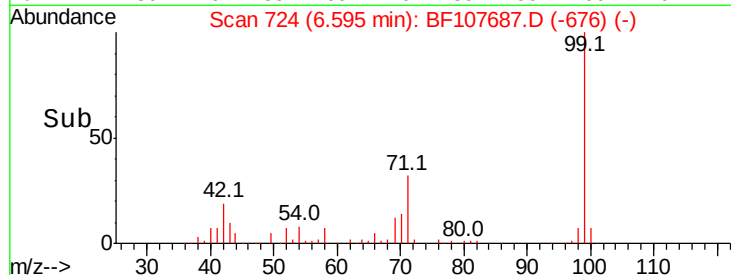
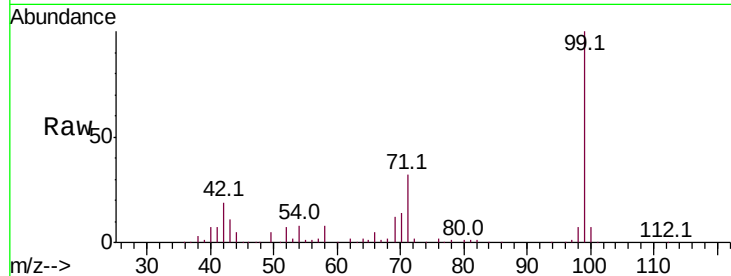
Tot Ion: 99 Resp: 379333

Ion Ratio Lower Upper

99 100

42 18.8 14.5 21.7

71 32.2 25.4 38.0



#15

Benzyl Alcohol

Concen: 2.106 ng

RT: 7.12 min Scan# 814

Delta R.T. 0.01 min

Lab File: BF107687.D

Acq: 26 Jul 2018 5:56

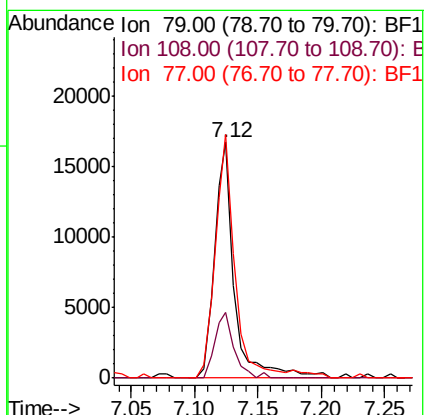
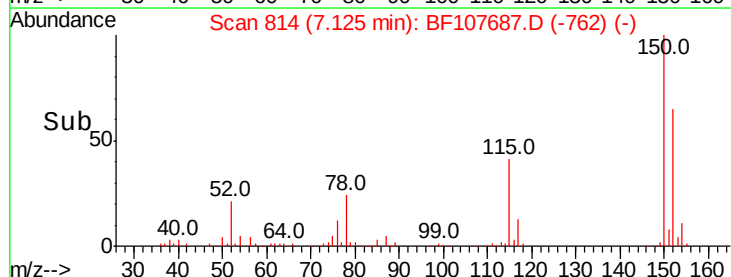
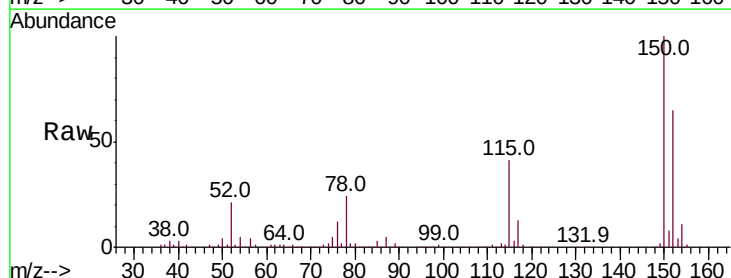
Tgt Ion: 79 Resp: 18308

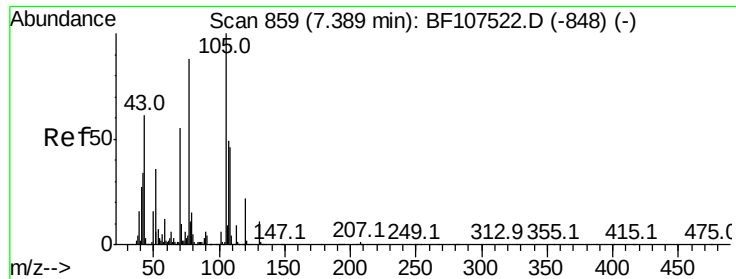
Ion Ratio Lower Upper

79 100

108 27.8 65.1 97.7#

77 103.4 50.6 75.8#





#19

n-Nitroso-di-n-propylamine

Concen: 16.996 ng

RT: 7.54 min Scan# 884

Delta R.T. 0.15 min

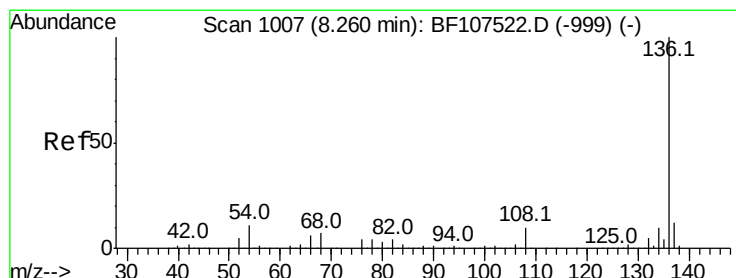
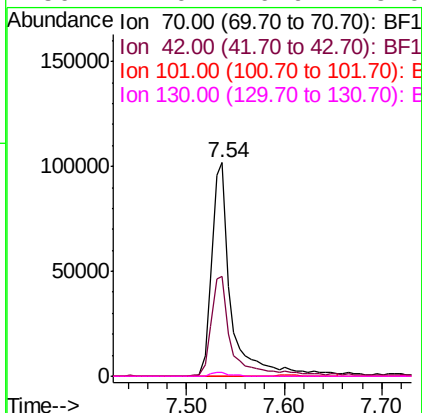
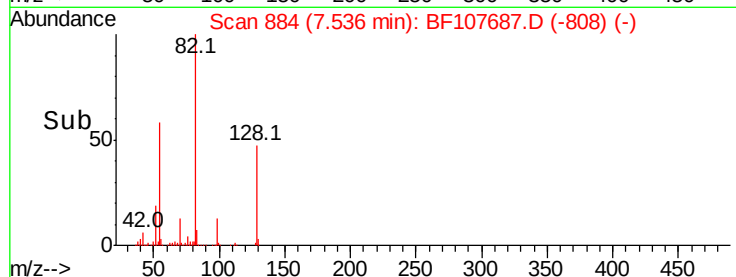
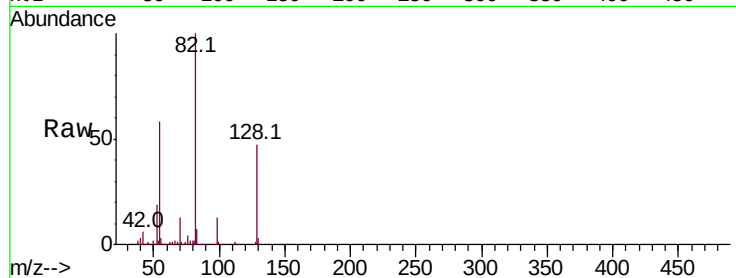
Lab File: BF107687.D

Acq: 26 Jul 2018 5:56

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 70 Resp: 140060

Ion	Ratio	Lower	Upper
70	100		
42	46.7	47.5	71.3#
101	0.0	7.4	11.2#
130	2.0	16.6	25.0#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.25 min Scan# 1005

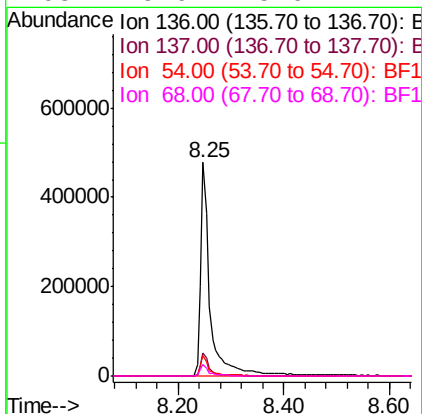
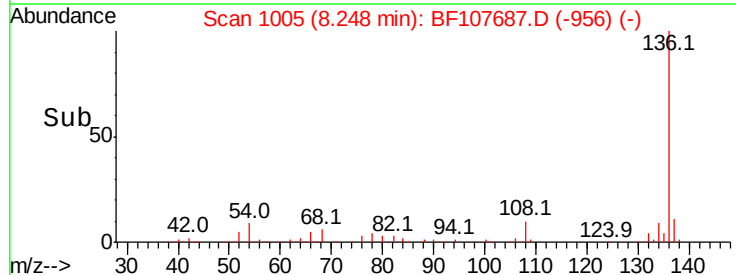
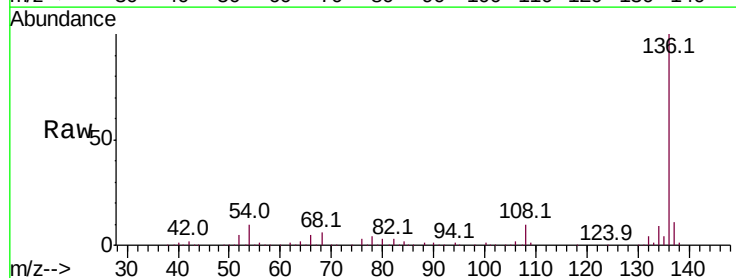
Delta R.T. -0.01 min

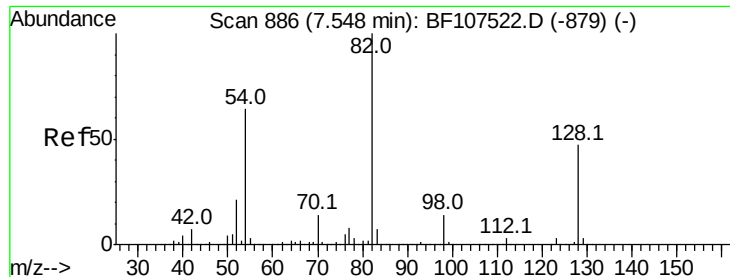
Lab File: BF107687.D

Acq: 26 Jul 2018 5:56

Tgt Ion: 136 Resp: 612189

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	9.6	6.6	9.8
68	5.6	5.0	7.4

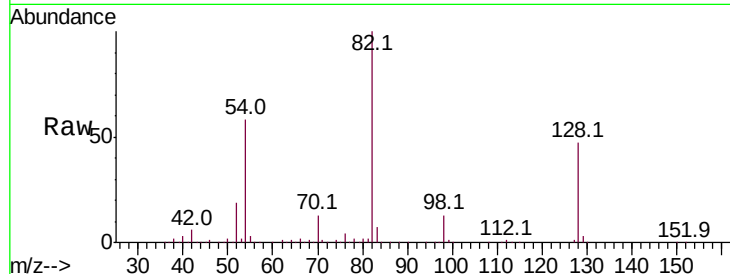




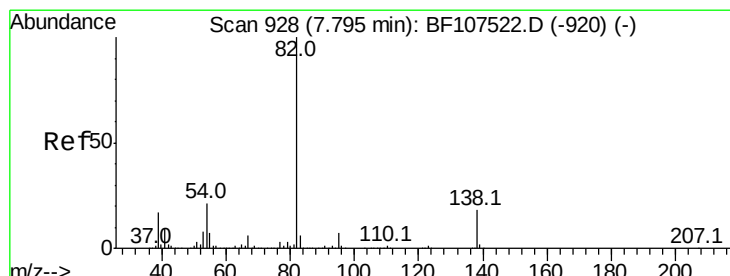
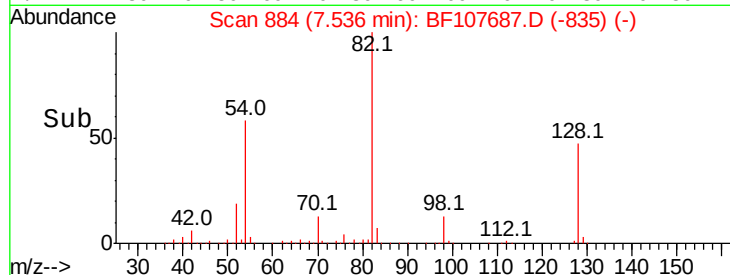
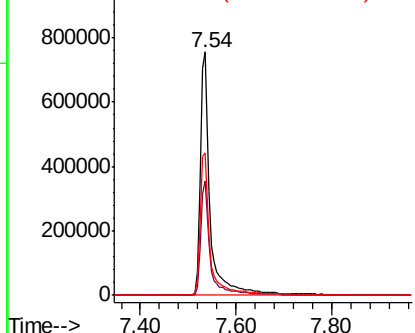
#23
Nitrobenzene-d5
Concen: 120.287 ng
RT: 7.54 min Scan# 884
Delta R.T. -0.01 min
Lab File: BF107687.D
Acq: 26 Jul 2018 5:56

Instrument :
BNA_F
ClientSampled :

Tot Ion: 82 Resp: 1091143
Ion Ratio Lower Upper
82 100
128 47.1 36.1 54.1
54 58.3 41.4 62.2

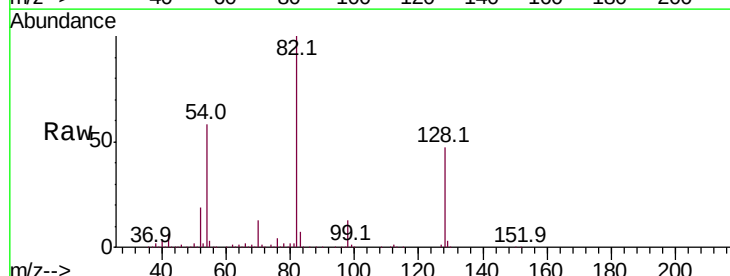


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

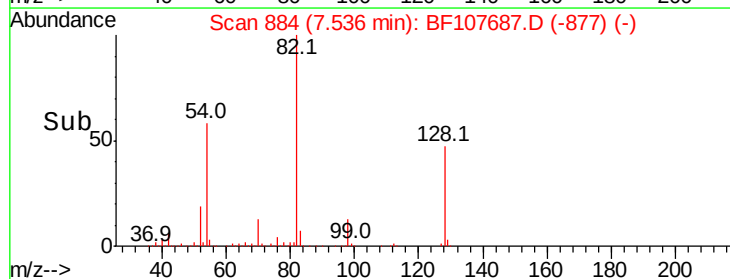
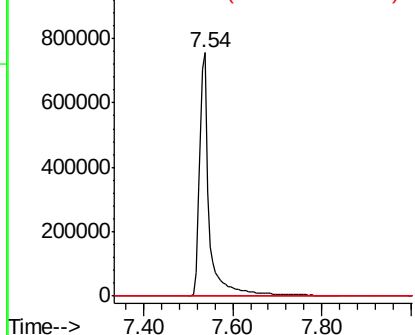


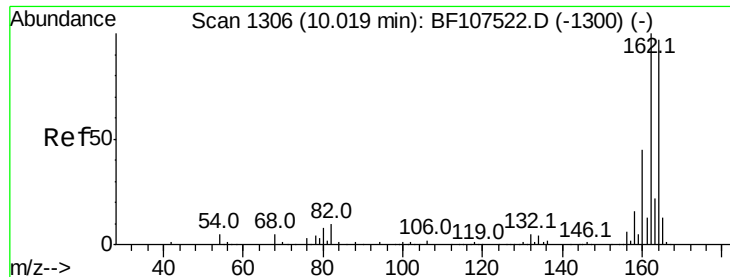
#25
Isophorone
Concen: 56.511 ng
RT: 7.54 min Scan# 884
Delta R.T. -0.26 min
Lab File: BF107687.D
Acq: 26 Jul 2018 5:56

Tgt Ion: 82 Resp: 1094520
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: BF107687.D

Acq: 26 Jul 2018 5:56

Instrument :

BNA_F

ClientSampleId :

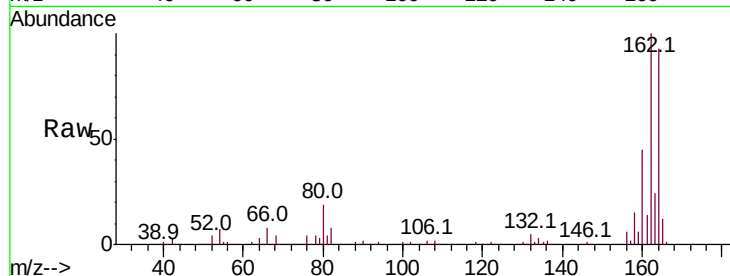
Tot Ion:164 Resp: 225869

Ion Ratio Lower Upper

164 100

162 107.0 86.1 129.1

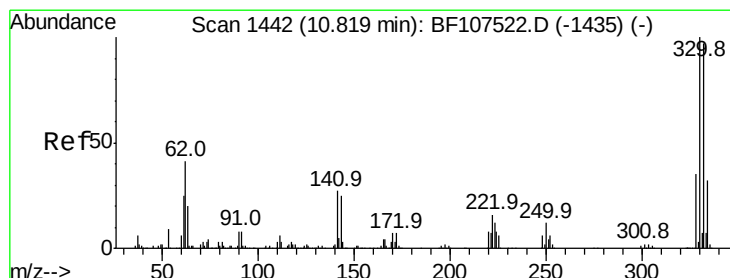
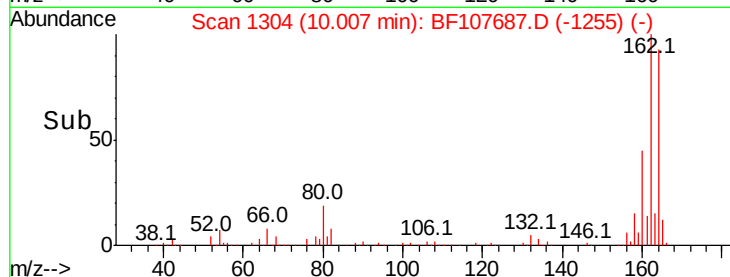
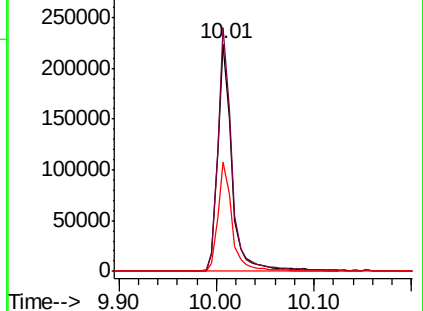
160 48.3 38.3 57.5



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: 99.188 ng

RT: 10.80 min Scan# 1439

Delta R.T. -0.02 min

Lab File: BF107687.D

Acq: 26 Jul 2018 5:56

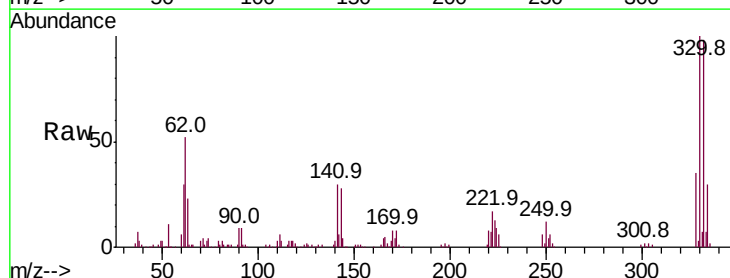
Tgt Ion:330 Resp: 254762

Ion Ratio Lower Upper

330 100

332 97.5 77.0 115.6

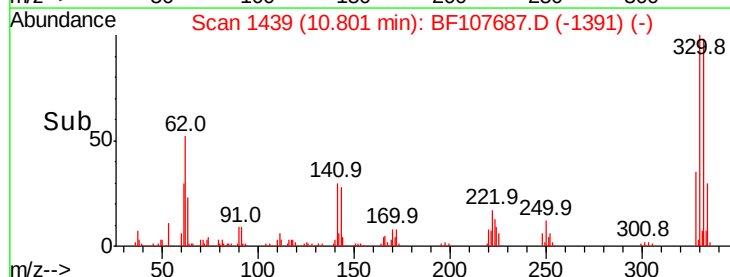
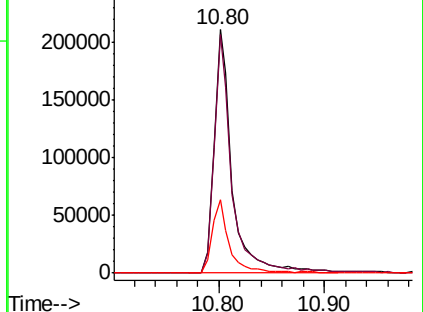
141 29.8 29.9 44.9#

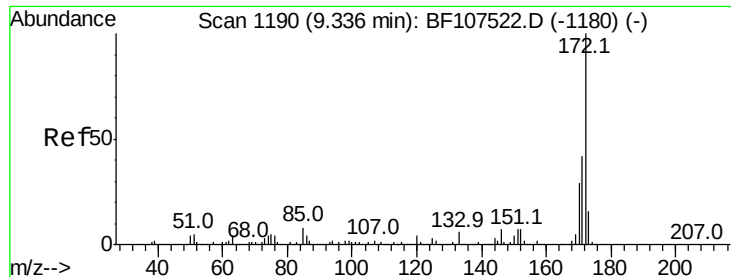


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

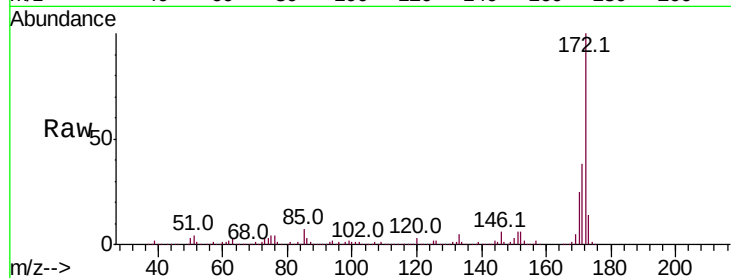




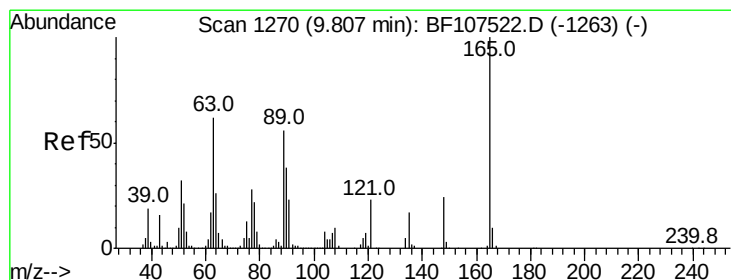
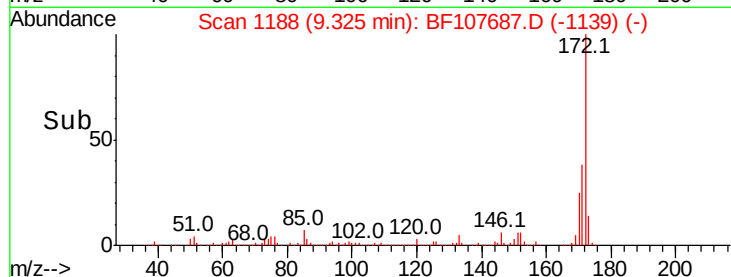
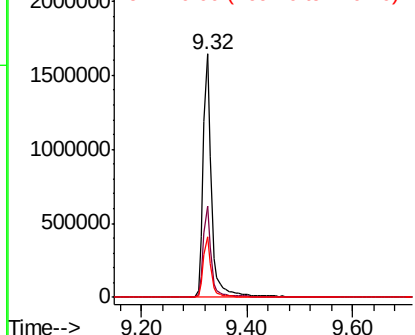
#44
2-Fluorobiphenyl
Concen: -20.000 ng
RT: 9.32 min Scan# 1188
Delta R.T. -0.01 min
Lab File: BF107687.D
Acq: 26 Jul 2018 5:56

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 1845570
Ion Ratio Lower Upper
172 100
171 37.6 29.7 44.5
170 25.1 19.6 29.4

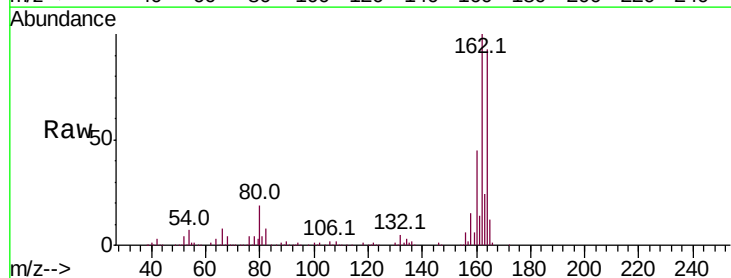


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

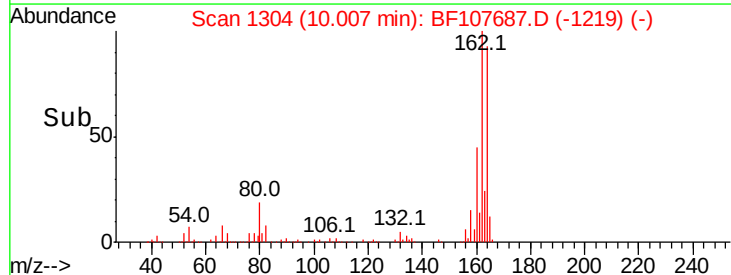
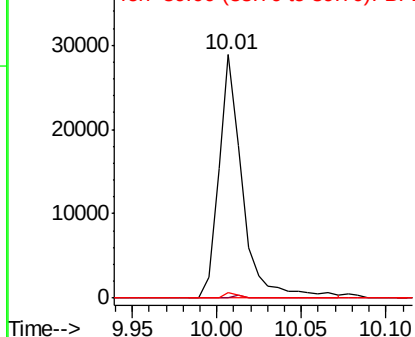


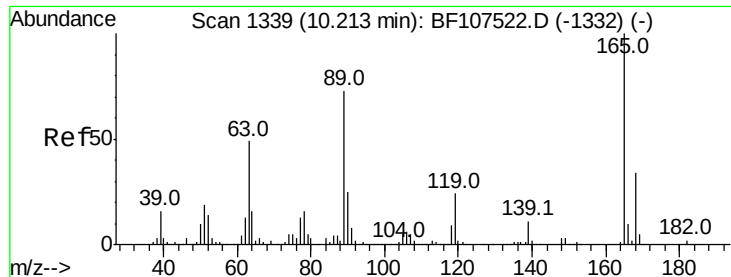
#50
2,6-Dinitrotoluene
Concen: 8.371 ng
RT: 10.01 min Scan# 1304
Delta R.T. 0.20 min
Lab File: BF107687.D
Acq: 26 Jul 2018 5:56

Tgt Ion:165 Resp: 28293
Ion Ratio Lower Upper
165 100
63 0.0 44.7 67.1#
89 2.0 44.0 66.0#



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

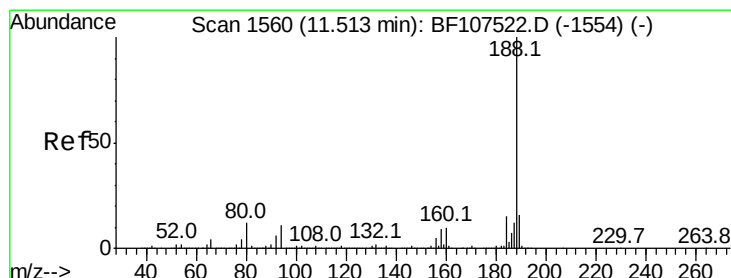
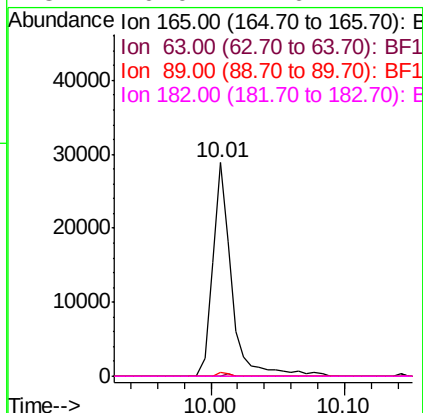
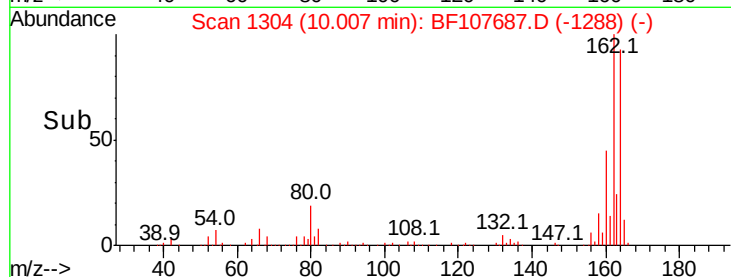
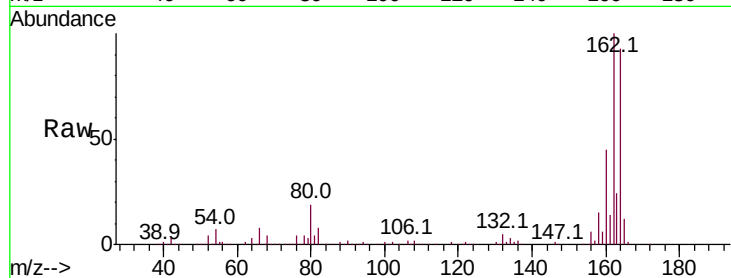




#56
2,4-Dinitrotoluene
Concen: 7.000 ng
RT: 10.01 min Scan# 1304
Delta R.T. -0.21 min
Lab File: BF107687.D
Acq: 26 Jul 2018 5:56

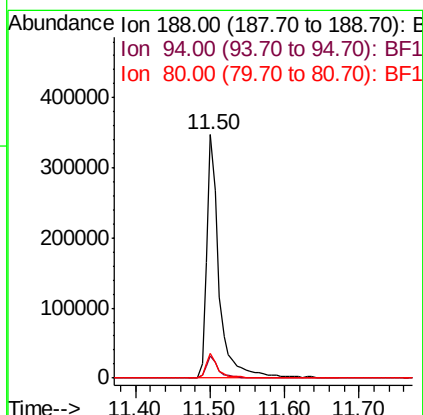
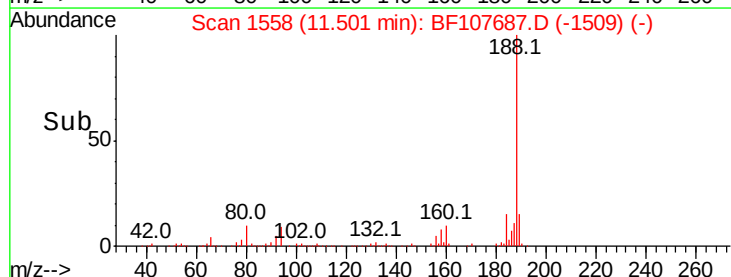
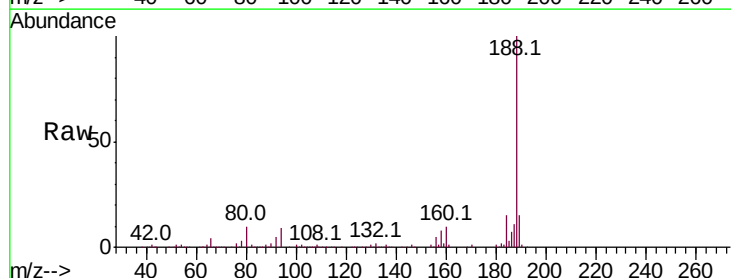
Instrument :
BNA_F
ClientSampleId :

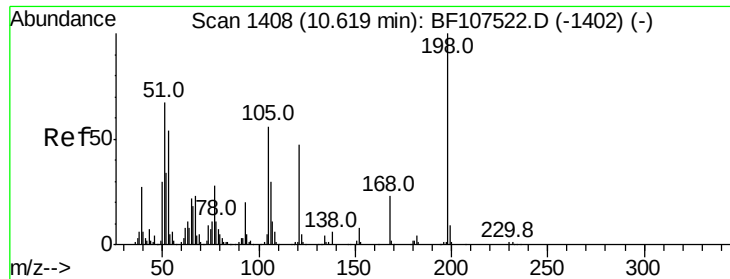
Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	36.4	54.6#
89	2.0	57.8	86.6#
182	0.0	1.6	2.4#



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1558
Delta R.T. -0.01 min
Lab File: BF107687.D
Acq: 26 Jul 2018 5:56

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.3	8.5	12.7
80	10.1	9.2	13.8

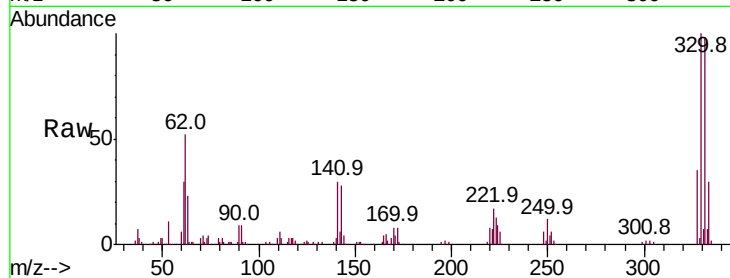




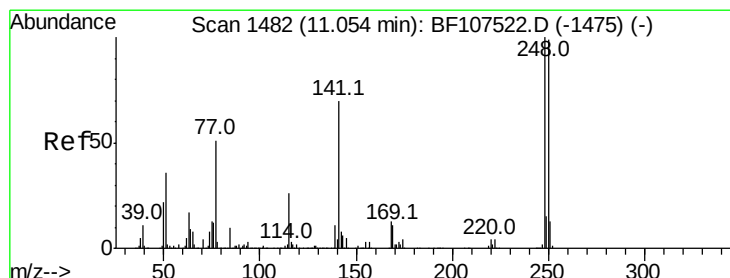
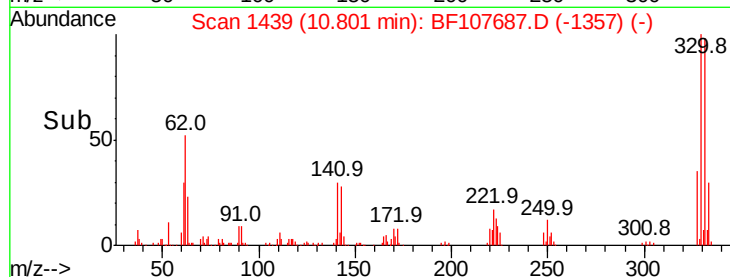
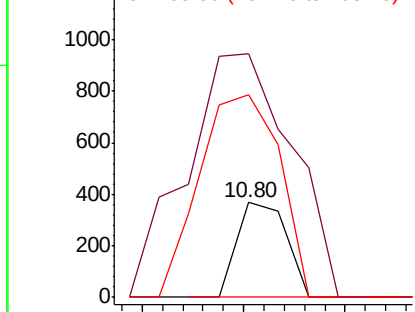
#64
 4,6-Dinitro-2-methylphenol
 Concen: 8.785 ng
 RT: 10.80 min Scan# 1439
 Delta R.T. 0.18 min
 Lab File: BF107687.D
 Acq: 26 Jul 2018 5:56

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:198 Resp: 248
 Ion Ratio Lower Upper
 198 100
 51 256.5 37.7 77.7#
 105 213.9 36.3 76.3#

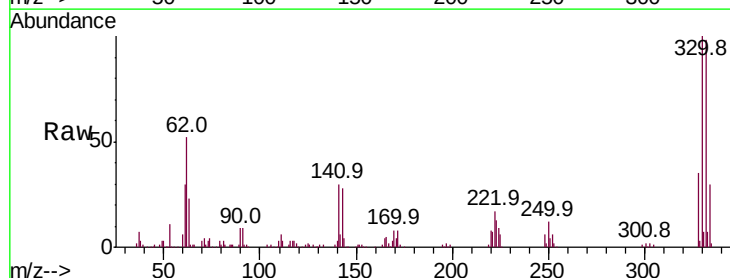


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF1
 Ion 105.00 (104.70 to 105.70): E

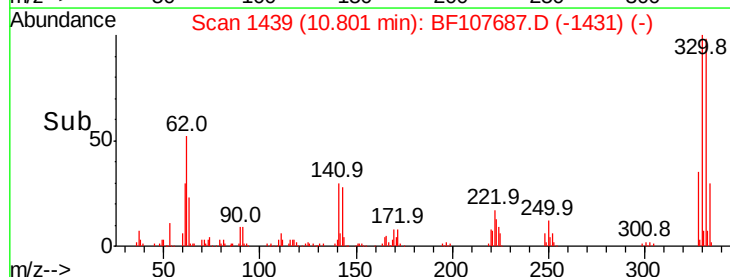
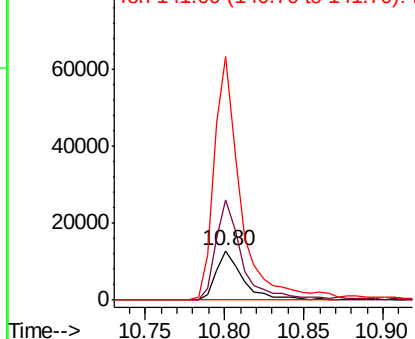


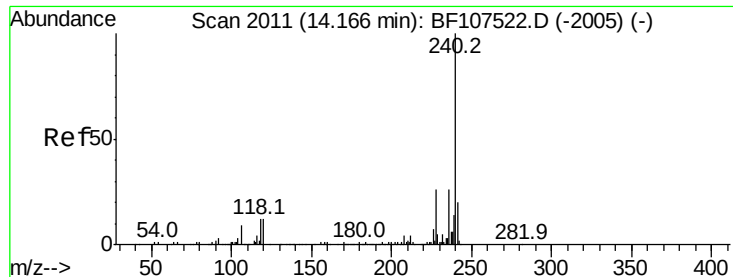
#66
 4-Bromophenyl-phenylether
 Concen: 3.154 ng
 RT: 10.80 min Scan# 1439
 Delta R.T. -0.25 min
 Lab File: BF107687.D
 Acq: 26 Jul 2018 5:56

Tgt Ion:248 Resp: 15025
 Ion Ratio Lower Upper
 248 100
 250 204.4 76.9 115.3#
 141 494.1 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: BF107687.D

Acq: 26 Jul 2018 5:56

Instrument :

BNA_F

ClientSampleId :

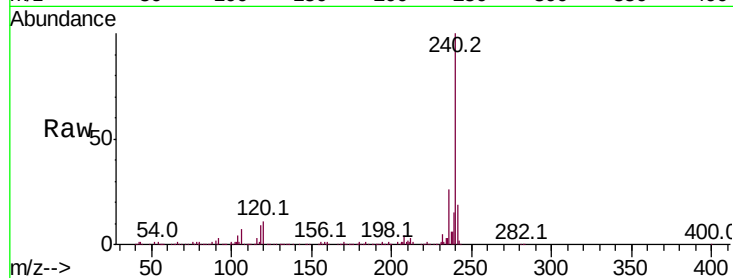
Tot Ion:240 Resp: 339463

Ion Ratio Lower Upper

240 100

120 10.6 9.5 14.3

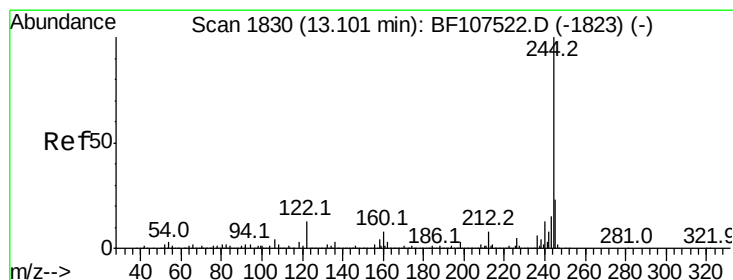
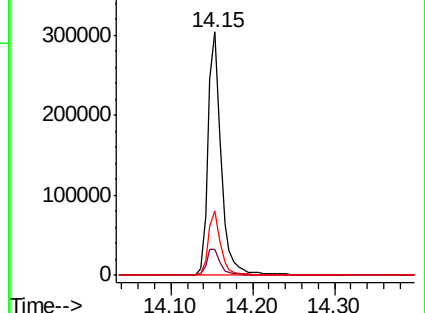
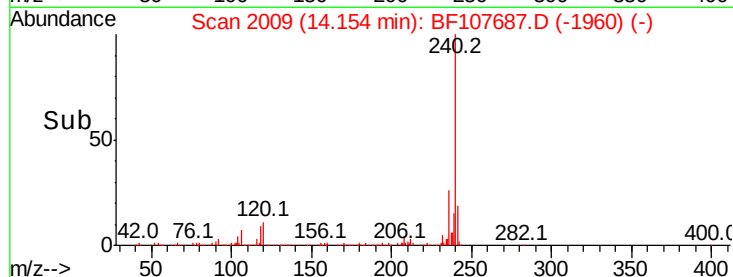
236 26.2 20.7 31.1



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: 96.614 ng

RT: 13.09 min Scan# 1828

Delta R.T. -0.01 min

Lab File: BF107687.D

Acq: 26 Jul 2018 5:56

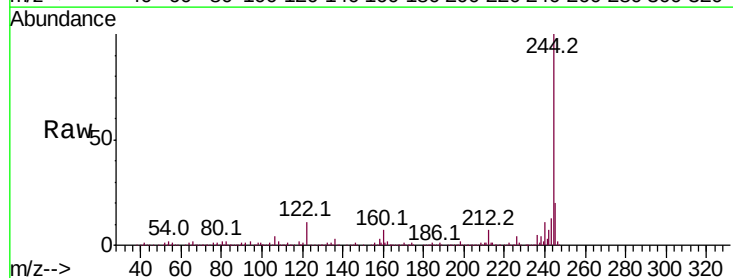
Tgt Ion:244 Resp: 1281087

Ion Ratio Lower Upper

244 100

212 6.6 5.4 8.0

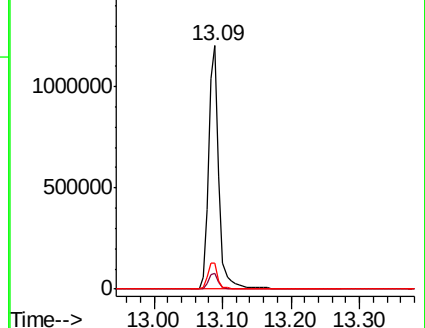
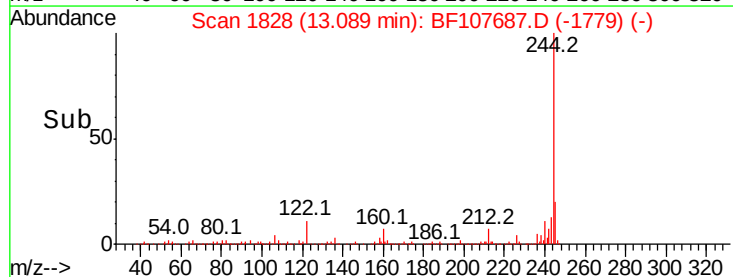
122 10.8 11.0 16.4#

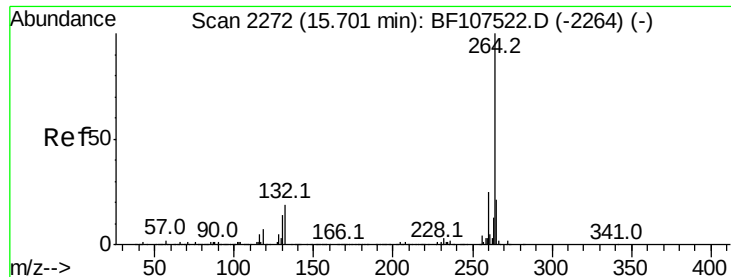


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

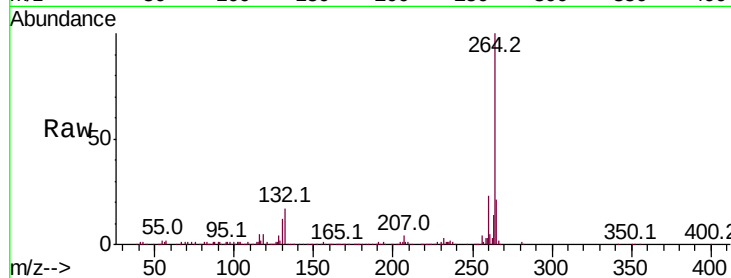




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.69 min Scan# 2270
 Delta R.T. -0.01 min
 Lab File: BF107687.D
 Acq: 26 Jul 2018 5:56

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.2	28.8
265	21.4	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

