

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072718\
 Data File : BF107747.D
 Acq On : 27 Jul 2018 15:53
 Operator : JU/SJ
 Sample : J4121-08 2X
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 27 17:08:23 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

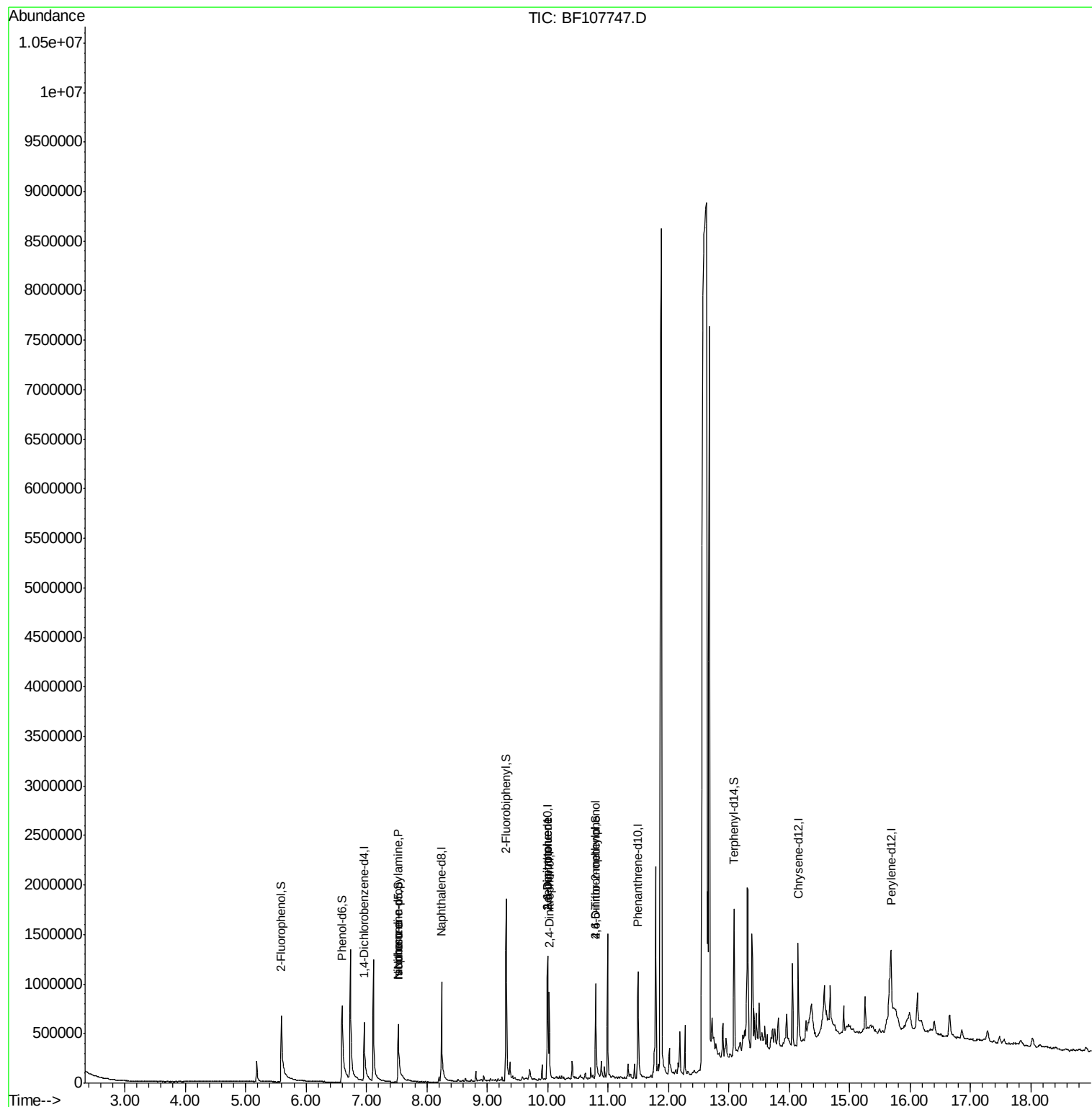
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	159605	20.00	ng	-0.02
21) Naphthalene-d8	8.24	136	661656	20.00	ng	-0.02
38) Acenaphthene-d10	10.00	164	287730	20.00	ng	-0.02
63) Phenanthrene-d10	11.49	188	513084	20.00	ng	-0.02
75) Chrysene-d12	14.15	240	437430	20.00	ng	-0.02
86) Perylene-d12	15.68	264	477638	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	432577	43.58	ng	-0.02
7) Phenol-d6	6.60	99	577329	48.44	ng	-0.02
23) Nitrobenzene-d5	7.52	82	380577	38.82	ng	-0.02
41) 2,4,6-Tribromophenol	10.79	330	178248	54.48	ng	-0.02
44) 2-Fluorobiphenyl	9.31	172	740708	36.66	ng	-0.02
78) Terphenyl-d14	13.08	244	597145	34.95	ng	-0.02
Target Compounds						
9) Benzaldehyde	6.59	77	751	Below Cal	Qvalue	
19) n-Nitroso-di-n-propylamine	7.52	70	49023	6.366 ng	#	1
25) Isophorone	7.52	82	380577	18.180 ng	#	74
50) 2,6-Dinitrotoluene	10.00	165	36845	8.558 ng	#	64
53) 2,4-Dinitrophenol	10.02	184	1492	9.294 ng	#	26
56) 2,4-Dinitrotoluene	10.00	165	37109	7.140 ng	#	1
64) 4,6-Dinitro-2-methylphenol	10.79	198	117	8.719 ng	#	24
73) Di-n-butylphthalate	12.04	149	33837	Below Cal		
81) 3,3'-Dichlorobenzidine	14.10	252	566	Below Cal	#	97
						48

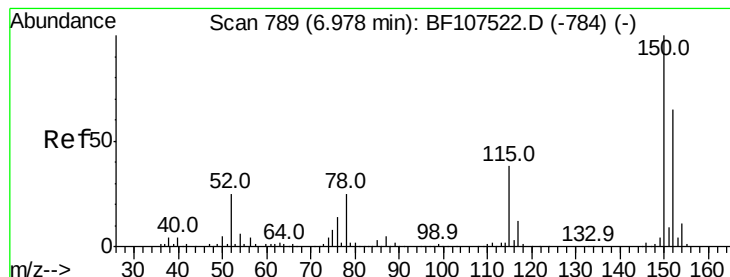
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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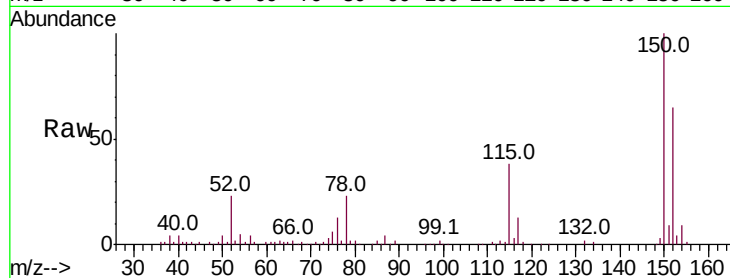


#1

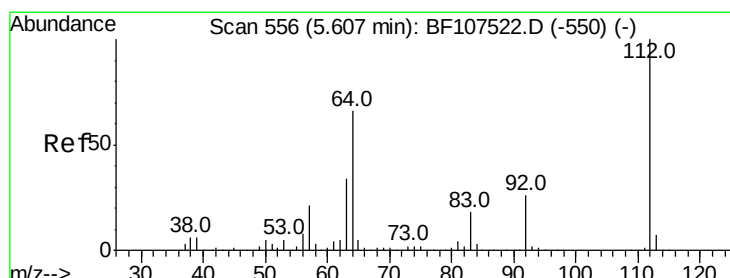
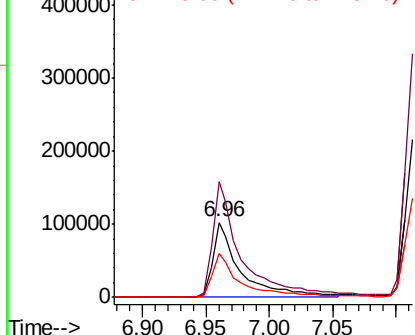
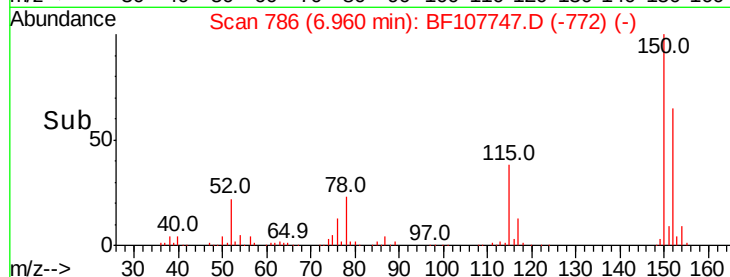
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.96 min Scan# 786
Delta R.T. -0.02 min
Lab File: BF107747.D
Acq: 27 Jul 2018 15:53

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 159605
Ion Ratio Lower Upper
152 100
150 154.9 124.6 186.8
115 58.5 50.1 75.1



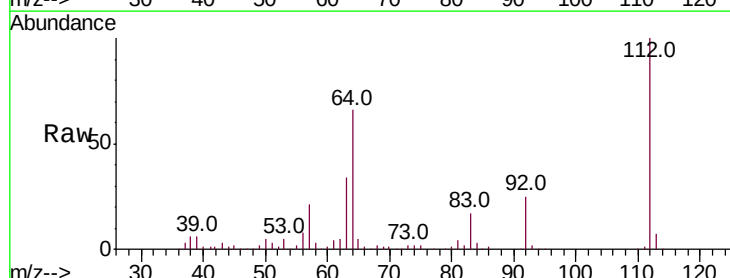
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



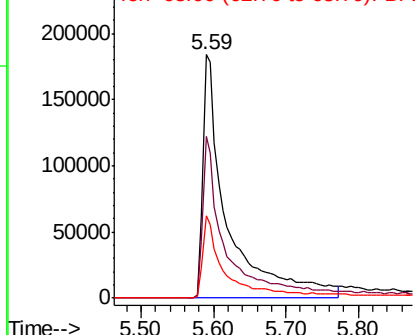
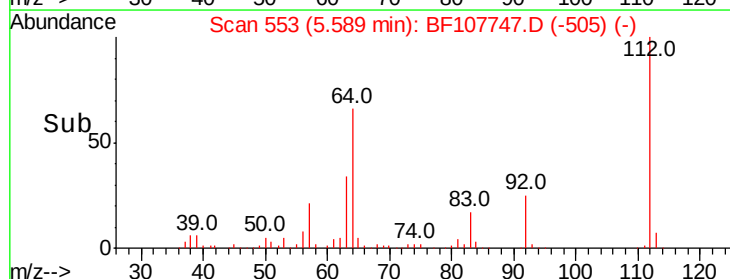
#5

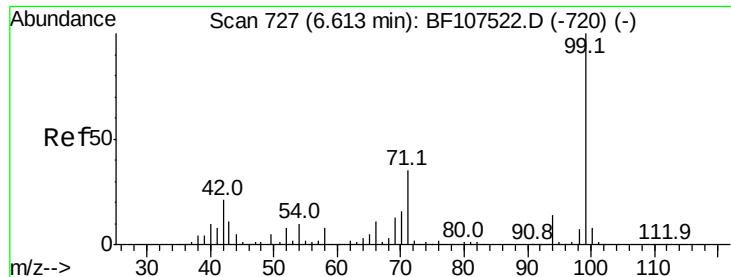
2-Fluorophenol
Concen: 43.576 ng
RT: 5.59 min Scan# 553
Delta R.T. -0.02 min
Lab File: BF107747.D
Acq: 27 Jul 2018 15:53

Tgt Ion:112 Resp: 432577
Ion Ratio Lower Upper
112 100
64 66.2 47.9 71.9
63 33.6 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: 48.435 ng

RT: 6.60 min Scan# 724

Delta R.T. -0.02 min

Lab File: BF107747.D

Acq: 27 Jul 2018 15:53

Instrument :

BNA_F

ClientSampleId :

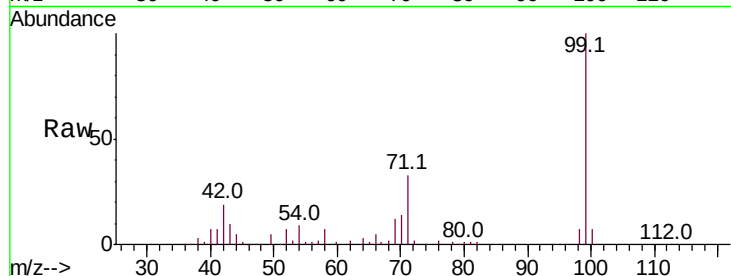
Tot Ion: 99 Resp: 577329

Ion Ratio Lower Upper

99 100

42 18.8 14.5 21.7

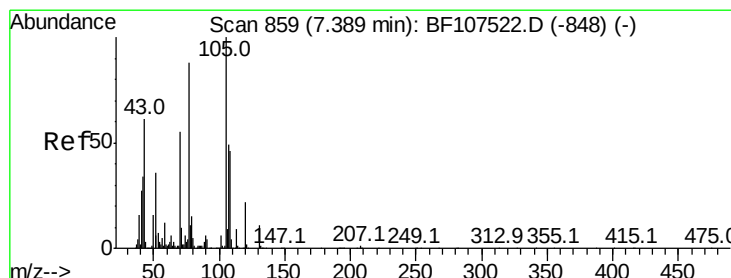
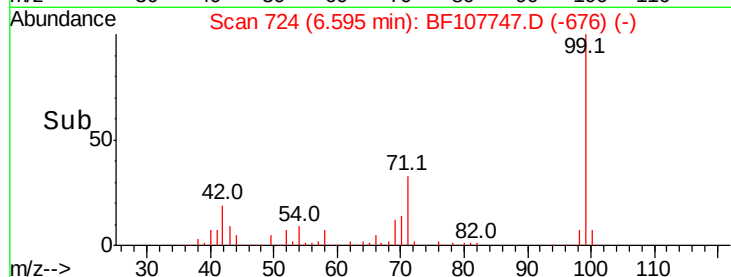
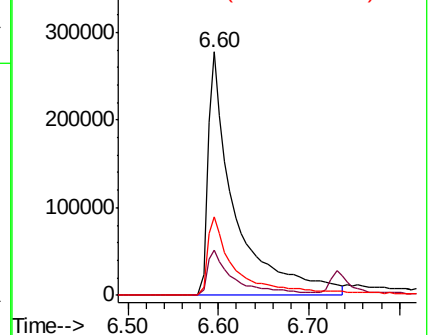
71 32.5 25.4 38.0



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



#19

n-Nitroso-di-n-propylamine

Concen: 6.366 ng

RT: 7.52 min Scan# 882

Delta R.T. 0.14 min

Lab File: BF107747.D

Acq: 27 Jul 2018 15:53

Tgt Ion: 70 Resp: 49023

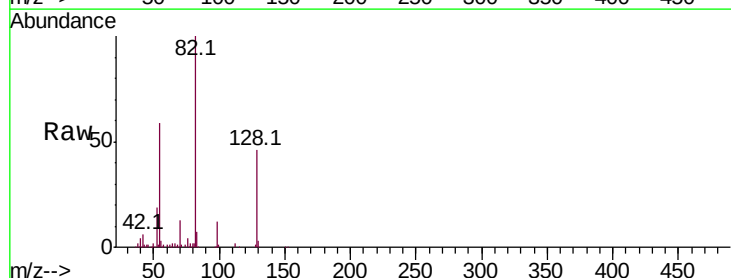
Ion Ratio Lower Upper

70 100

42 43.7 47.5 71.3#

101 0.0 7.4 11.2#

130 1.8 16.6 25.0#

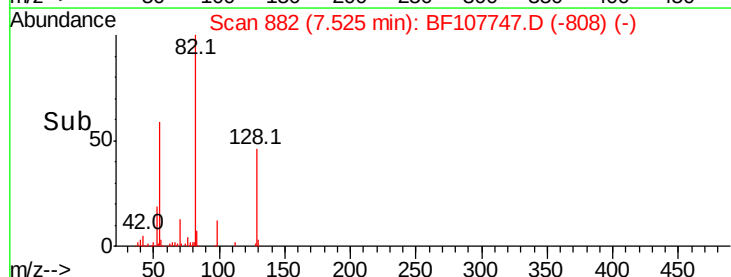
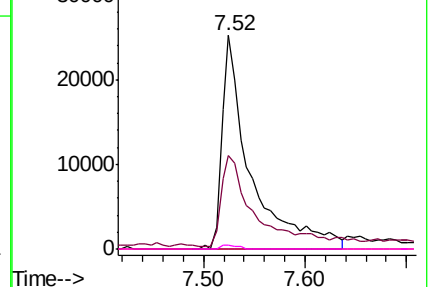


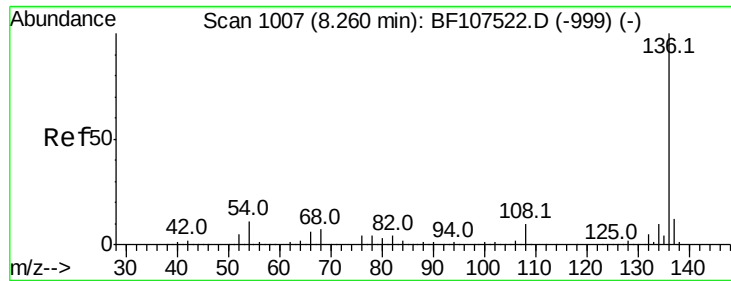
Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1

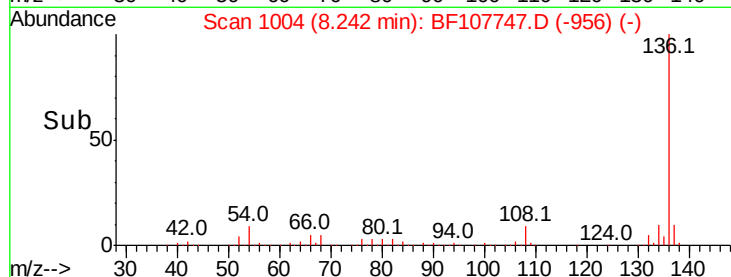
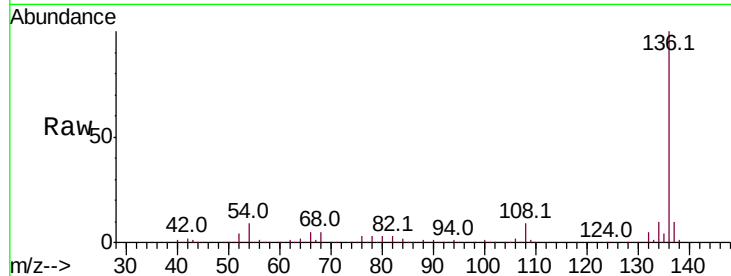




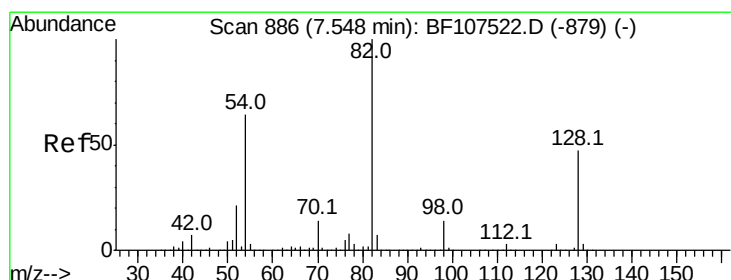
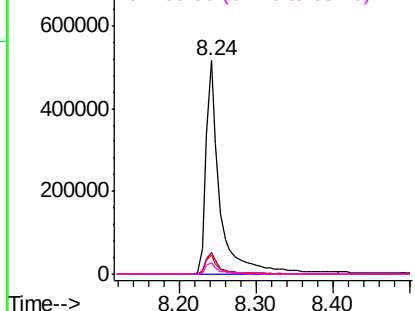
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.24 min Scan# 1004
Delta R.T. -0.02 min
Lab File: BF107747.D
Acq: 27 Jul 2018 15:53

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	136	Resp:	661656
Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.9	13.3
54	9.1	6.6	9.8
68	5.2	5.0	7.4

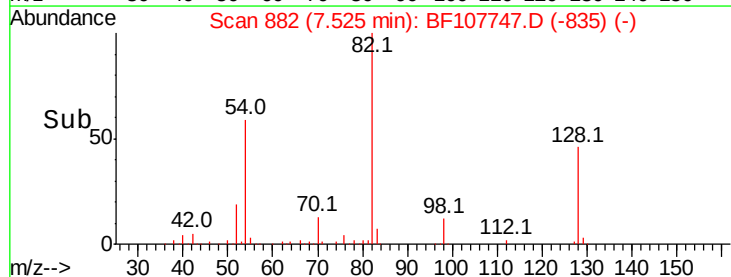
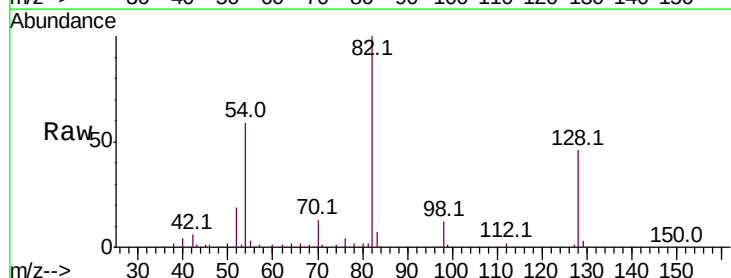


Abundance Ion 136.00 (135.70 to 136.70): E
800000
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

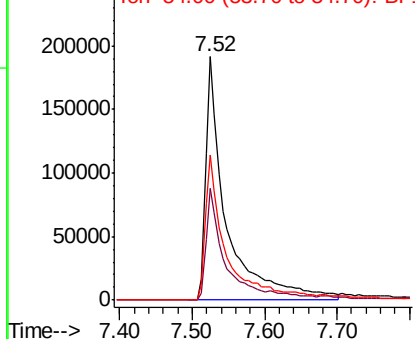


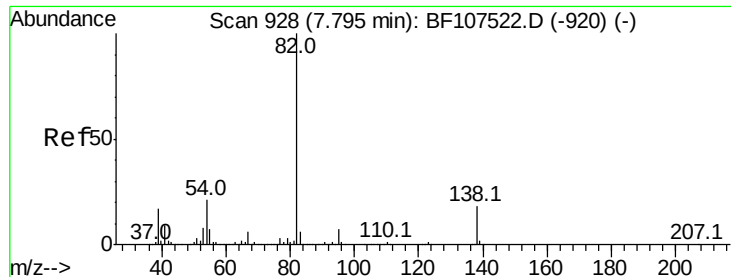
#23
Nitrobenzene-d5
Concen: 38.818 ng
RT: 7.52 min Scan# 882
Delta R.T. -0.02 min
Lab File: BF107747.D
Acq: 27 Jul 2018 15:53

Tgt Ion:	82	Resp:	380577
Ion	Ratio	Lower	Upper
82	100		
128	45.7	36.1	54.1
54	59.4	41.4	62.2



Abundance Ion 82.00 (81.70 to 82.70): BF1
250000
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 18.180 ng

RT: 7.52 min Scan# 882

Delta R.T. -0.27 min

Lab File: BF107747.D

Acq: 27 Jul 2018 15:53

Instrument :

BNA_F

ClientSampleId :

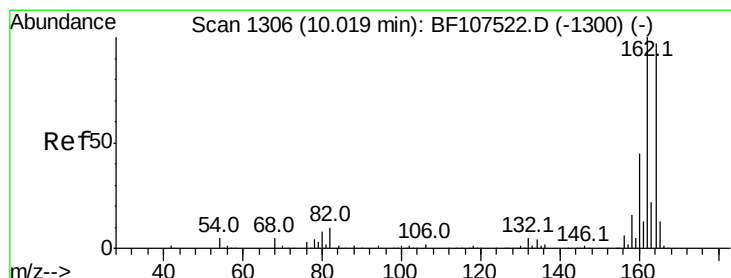
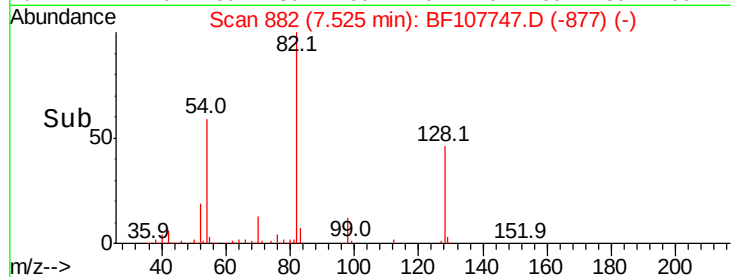
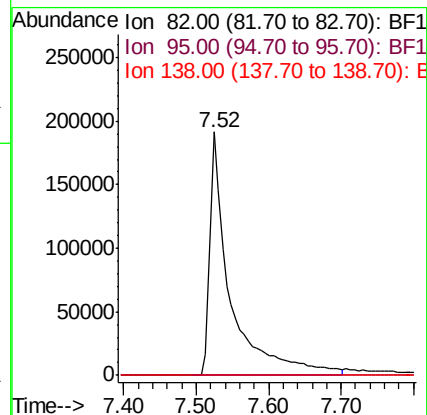
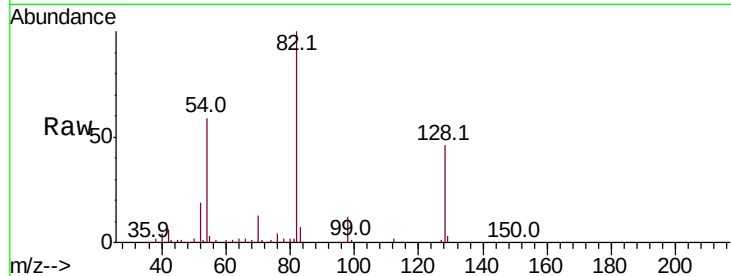
Tot Ion: 82 Resp: 380577

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

138 0.0 14.9 22.3#



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.00 min Scan# 1303

Delta R.T. -0.02 min

Lab File: BF107747.D

Acq: 27 Jul 2018 15:53

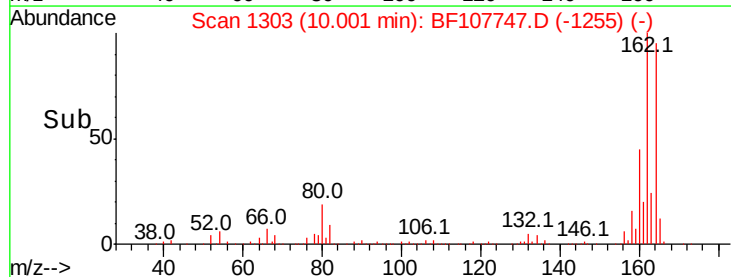
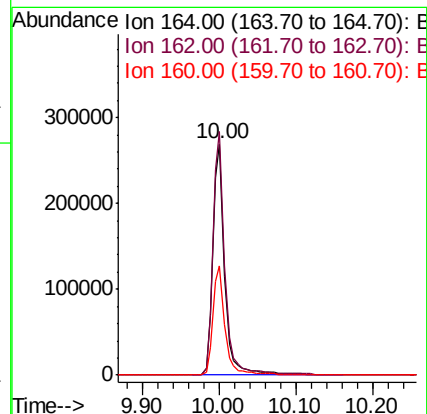
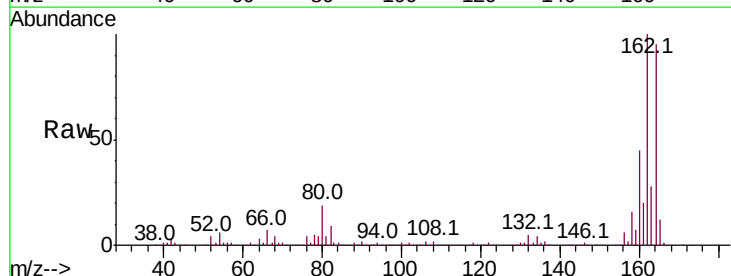
Tgt Ion:164 Resp: 287730

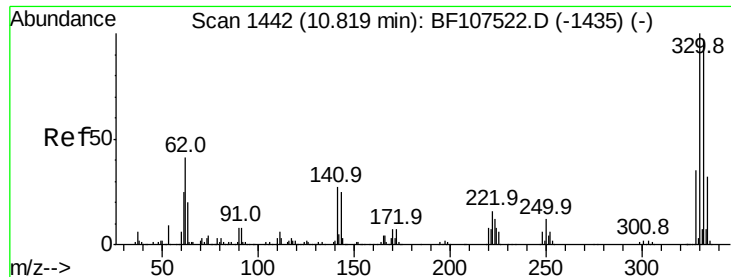
Ion Ratio Lower Upper

164 100

162 105.3 86.1 129.1

160 47.3 38.3 57.5

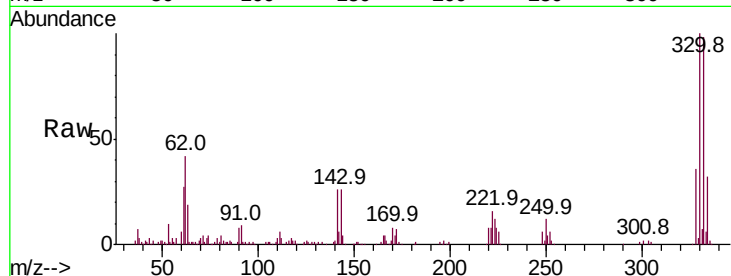




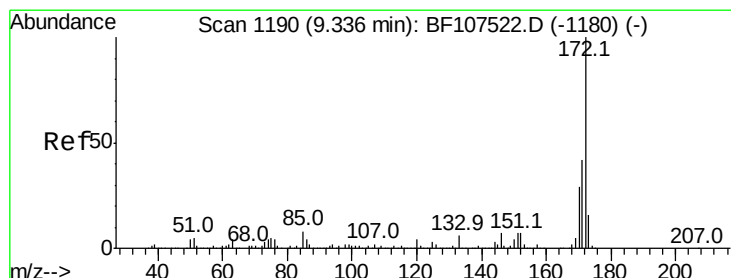
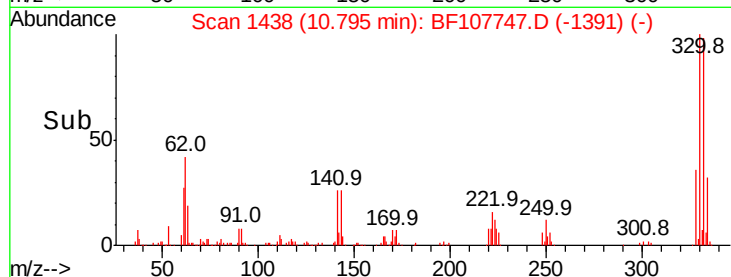
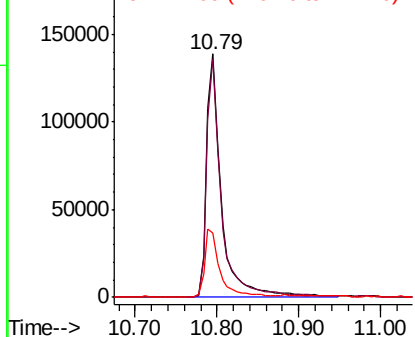
#41
 2,4,6-Tribromophenol
 Concen: 54.478 ng
 RT: 10.79 min Scan# 1438
 Delta R.T. -0.02 min
 Lab File: BF107747.D
 Acq: 27 Jul 2018 15:53

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 178248
 Ion Ratio Lower Upper
 330 100
 332 95.7 77.0 115.6
 141 29.5 29.9 44.9#

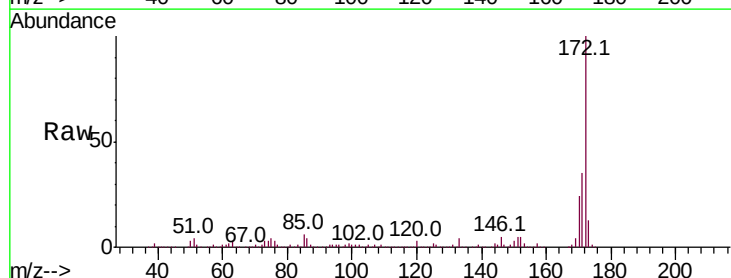


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

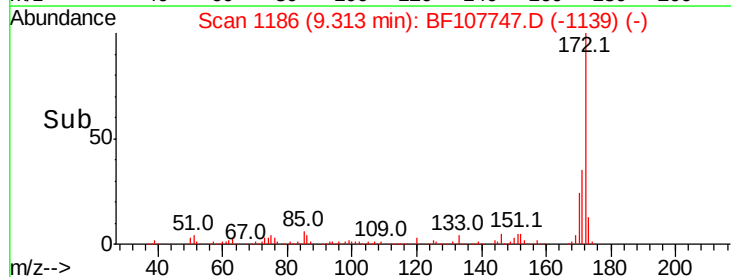
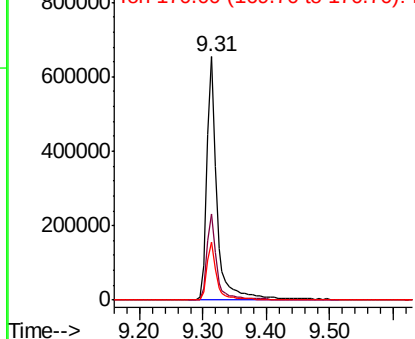


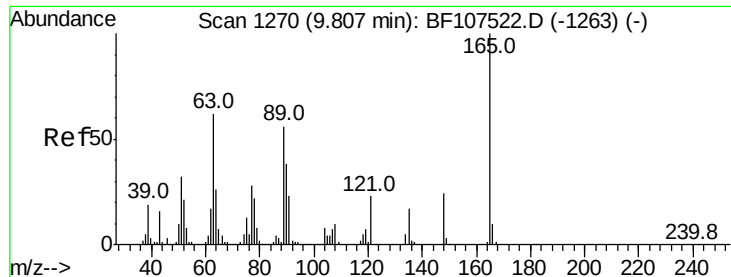
#44
 2-Fluorobiphenyl
 Concen: 36.663 ng
 RT: 9.31 min Scan# 1186
 Delta R.T. -0.02 min
 Lab File: BF107747.D
 Acq: 27 Jul 2018 15:53

Tgt Ion:172 Resp: 740708
 Ion Ratio Lower Upper
 172 100
 171 35.3 29.7 44.5
 170 23.7 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

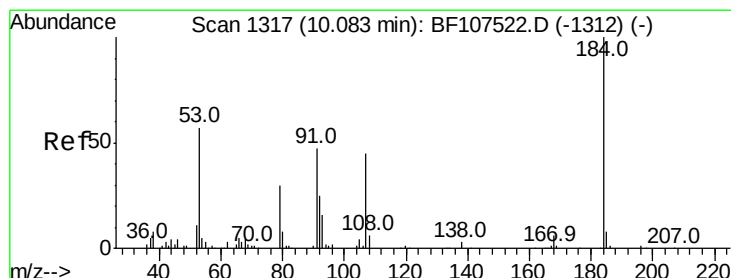
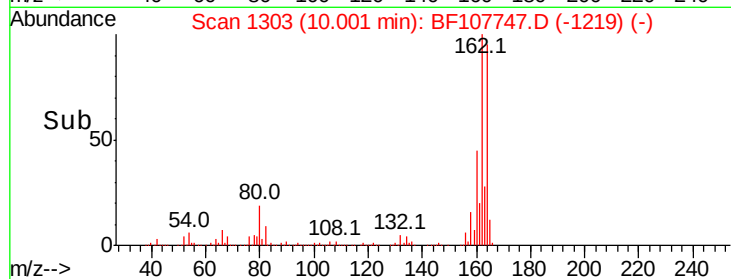
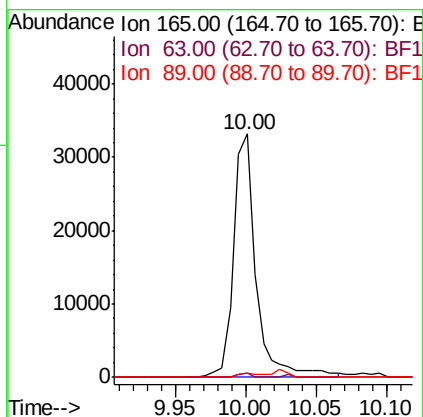
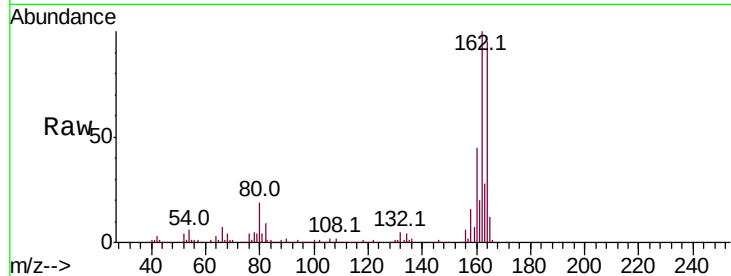




#50
 2,6-Dinitrotoluene
 Concen: 8.558 ng
 RT: 10.00 min Scan# 1303
 Delta R.T. 0.19 min
 Lab File: BF107747.D
 Acq: 27 Jul 2018 15:53

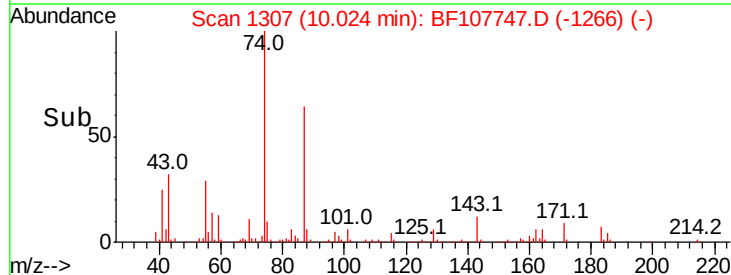
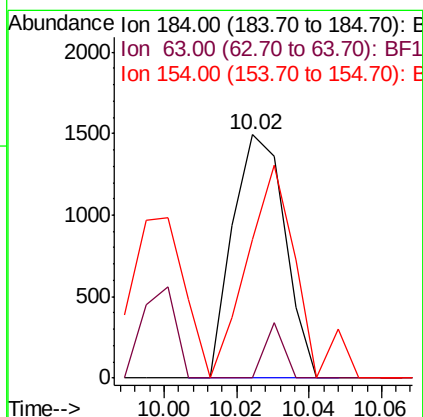
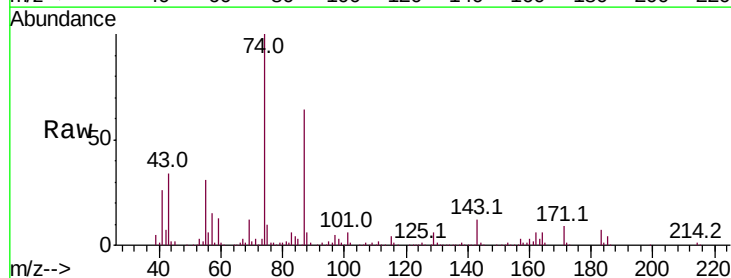
Instrument :
 BNA_F
 ClientSampleId :

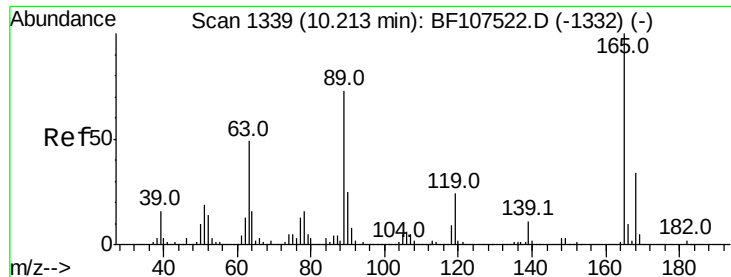
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.7	44.7	67.1#
89	1.6	44.0	66.0#



#53
 2,4-Dinitrophenol
 Concen: 9.294 ng
 RT: 10.02 min Scan# 1307
 Delta R.T. -0.06 min
 Lab File: BF107747.D
 Acq: 27 Jul 2018 15:53

Tgt Ion	Ratio	Lower	Upper
184	100		
63	0.0	54.2	81.2#
154	57.0	184.0	276.0#

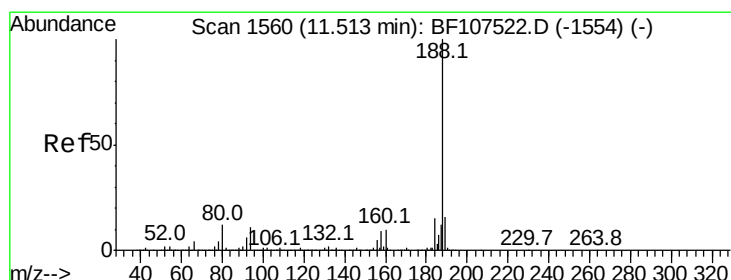
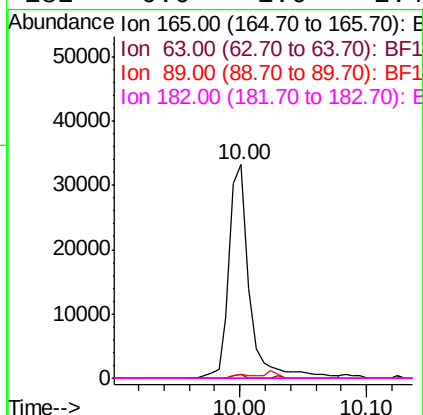
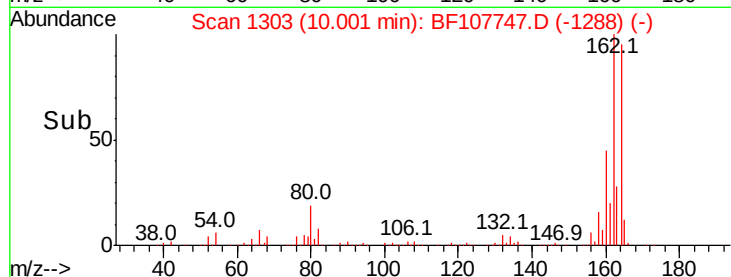
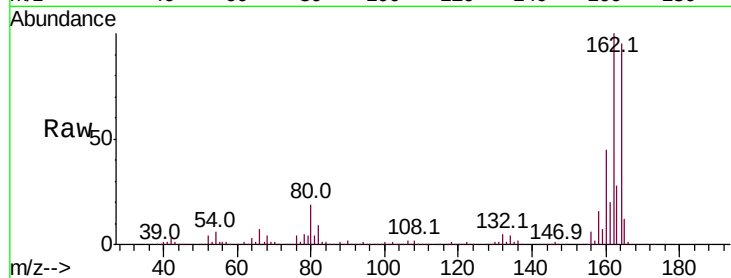




#56
2,4-Dinitrotoluene
Concen: 7.140 ng
RT: 10.00 min Scan# 1303
Delta R.T. -0.21 min
Lab File: BF107747.D
Acq: 27 Jul 2018 15:53

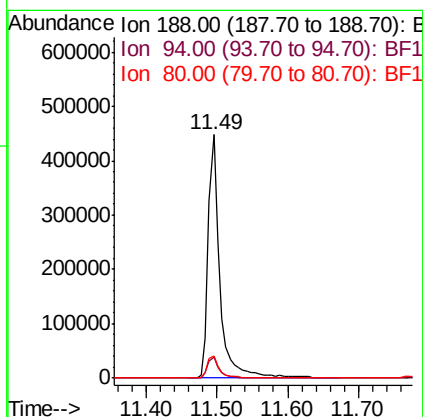
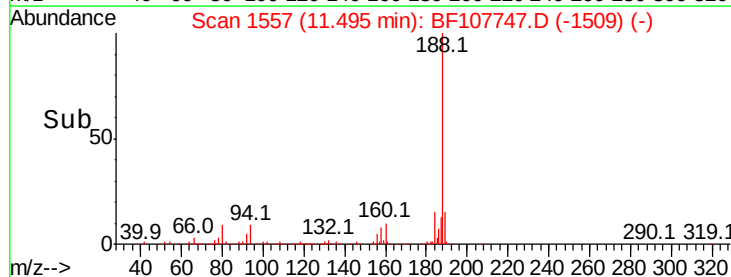
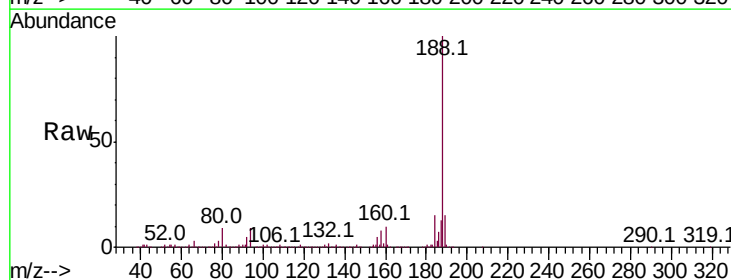
Instrument :
BNA_F
ClientSampled :

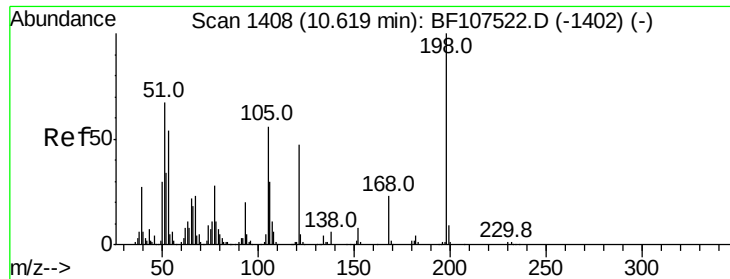
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.7	36.4	54.6#
89	1.6	57.8	86.6#
182	0.0	1.6	2.4#



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.49 min Scan# 1557
Delta R.T. -0.02 min
Lab File: BF107747.D
Acq: 27 Jul 2018 15:53

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.5	8.5	12.7
80	8.9	9.2	13.8#





#64

4,6-Dinitro-2-methylphenol

Concen: 8.719 ng

RT: 10.79 min Scan# 1438

Delta R.T. 0.18 min

Lab File: BF107747.D

Acq: 27 Jul 2018 15:53

Instrument :

BNA_F

ClientSampleId :

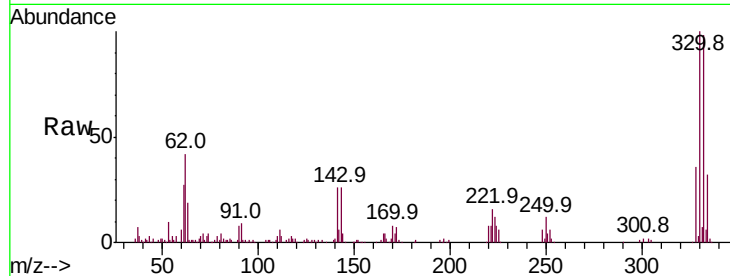
Tot Ion:198 Resp: 117

Ion Ratio Lower Upper

198 100

51 247.0 37.7 77.7#

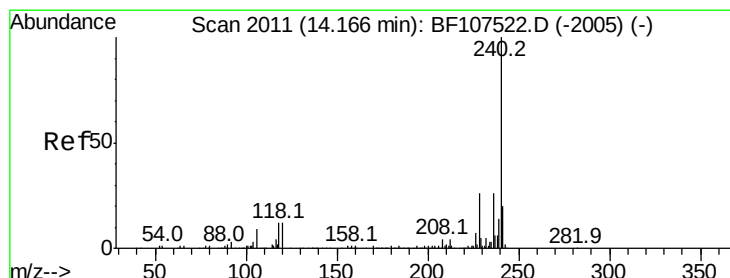
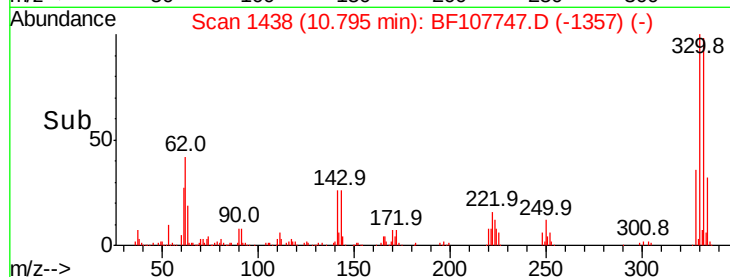
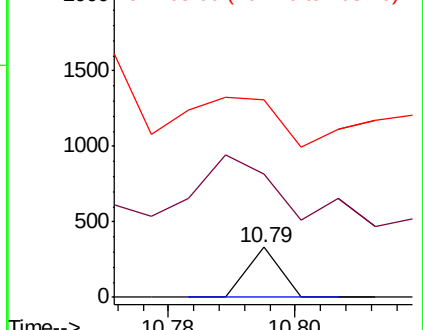
105 393.1 36.3 76.3#



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



#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.15 min Scan# 2008

Delta R.T. -0.02 min

Lab File: BF107747.D

Acq: 27 Jul 2018 15:53

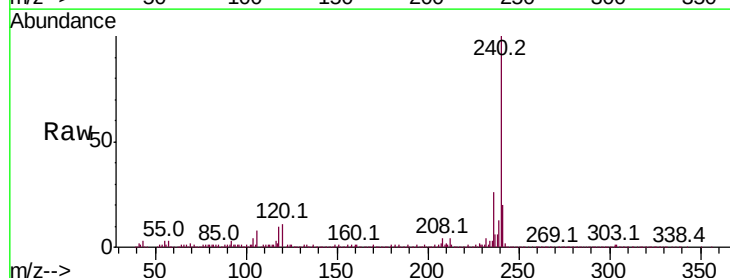
Tgt Ion:240 Resp: 437430

Ion Ratio Lower Upper

240 100

120 11.2 9.5 14.3

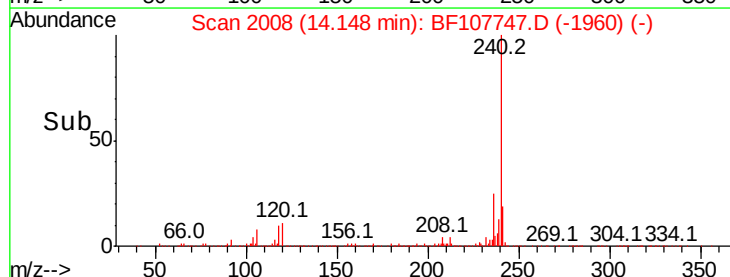
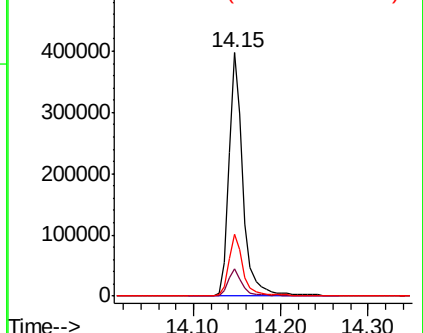
236 25.6 20.7 31.1

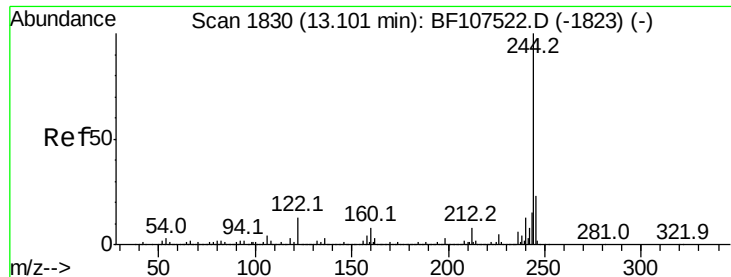


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

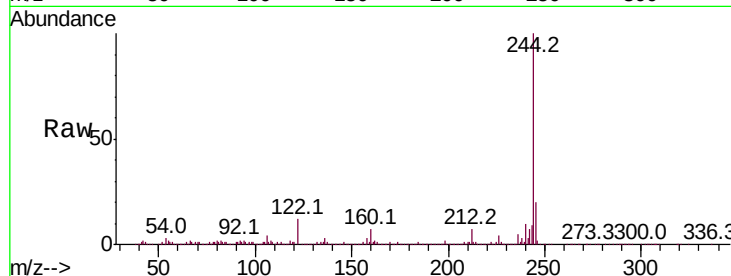




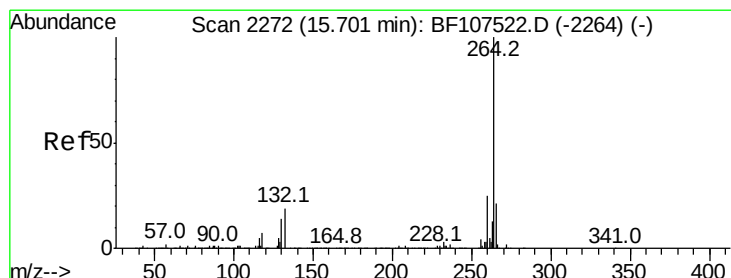
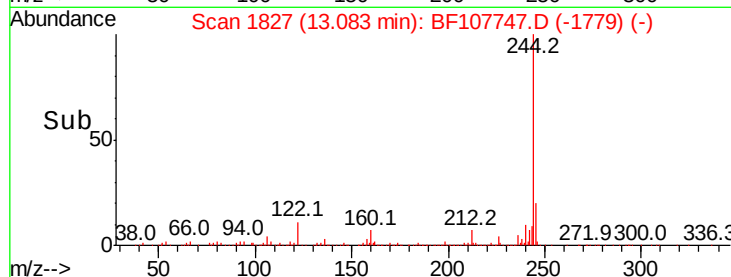
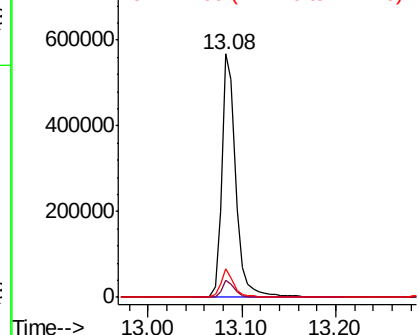
#78
 Terphenyl-d14
 Concen: 34.948 ng
 RT: 13.08 min Scan# 1827
 Delta R.T. -0.02 min
 Lab File: BF107747.D
 Acq: 27 Jul 2018 15:53

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 597145
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.4 8.0
 122 11.6 11.0 16.4

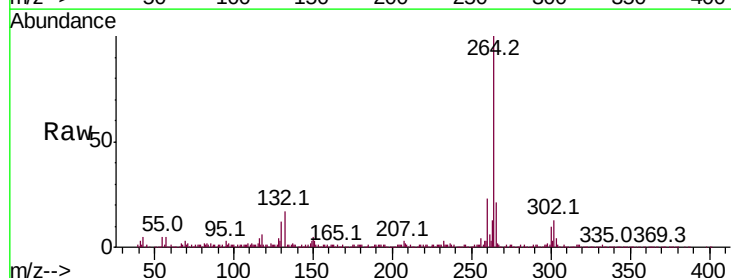


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.68 min Scan# 2269
 Delta R.T. -0.02 min
 Lab File: BF107747.D
 Acq: 27 Jul 2018 15:53

Tgt Ion:264 Resp: 477638
 Ion Ratio Lower Upper
 264 100
 260 23.4 19.2 28.8
 265 20.9 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

