

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071818\
 Data File : BF107481.D
 Acq On : 18 Jul 2018 16:53
 Operator : JU/SJ
 Sample : J4035-13
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 5-B

Quant Time: Jul 18 18:26:43 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 18 11:55:34 2018
 Response via : Initial Calibration

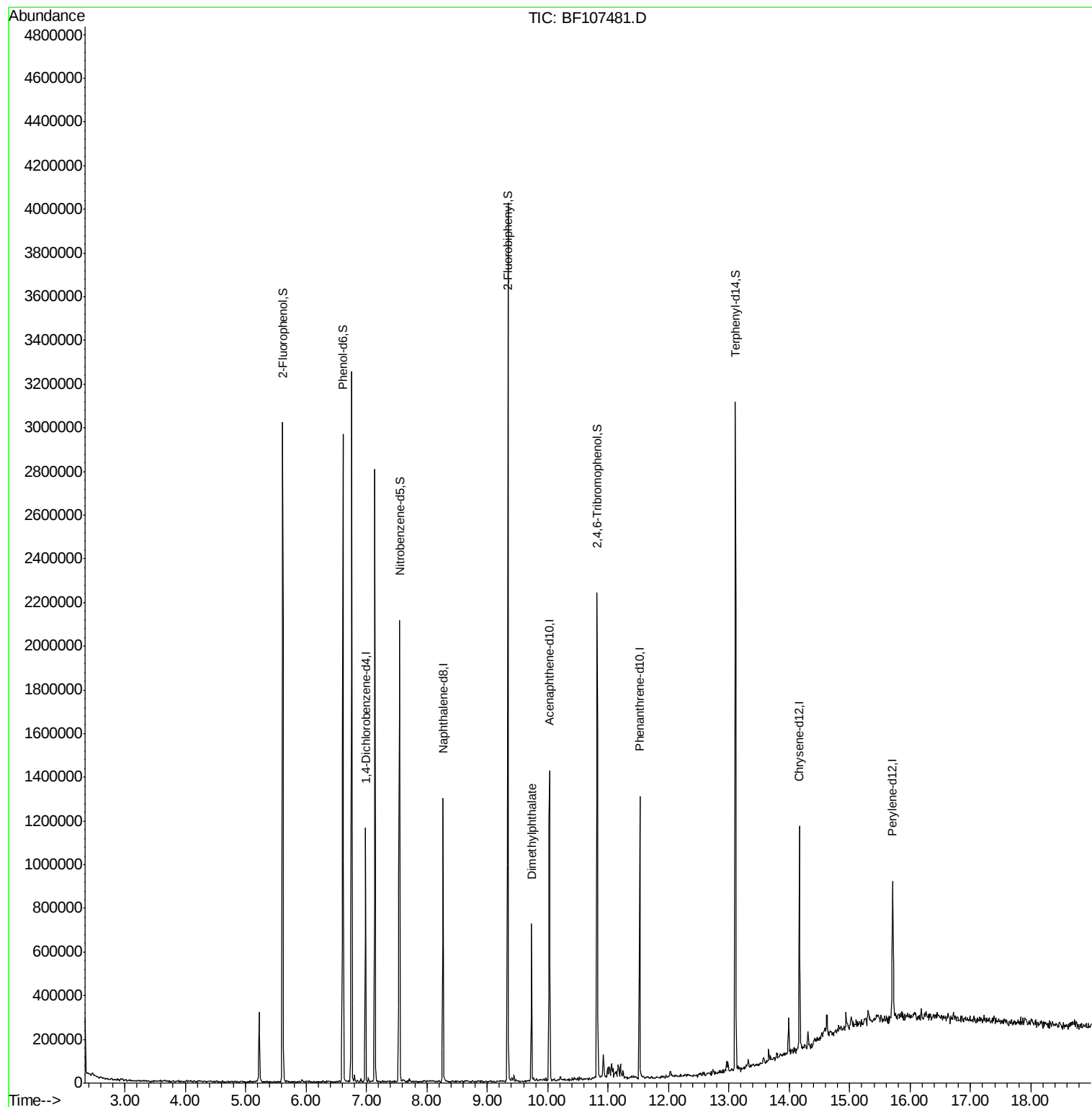
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.98	152	124156	20.00	ng	0.00
21) Naphthalene-d8	8.27	136	477368	20.00	ng	0.00
38) Acenaphthene-d10	10.03	164	253744	20.00	ng	0.00
63) Phenanthrene-d10	11.52	188	441377	20.00	ng	0.00
75) Chrysene-d12	14.17	240	328804	20.00	ng	0.00
86) Perylene-d12	15.71	264	285866	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	676126	82.71	ng	0.00
7) Phenol-d6	6.61	99	863239	81.67	ng	0.00
23) Nitrobenzene-d5	7.55	82	664134	74.19	ng	0.00
41) 2,4,6-Tribromophenol	10.82	330	184821	82.90	ng	-0.01
44) 2-Fluorobiphenyl	9.34	172	1108801	71.08	ng	0.00
78) Terphenyl-d14	13.11	244	906852	68.53	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.73	163	222578	11.040	ng	Qvalue # 98

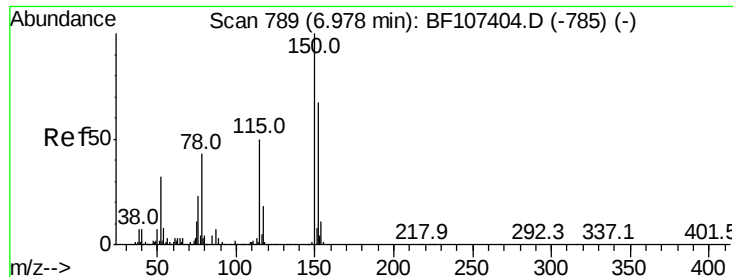
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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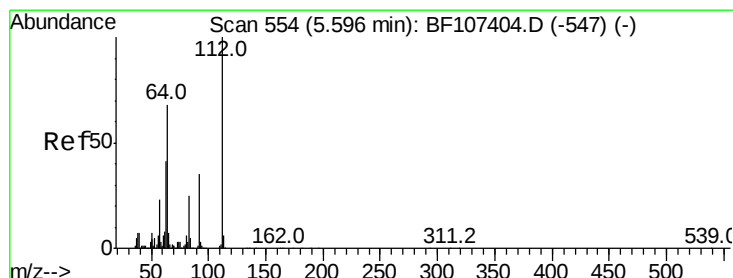
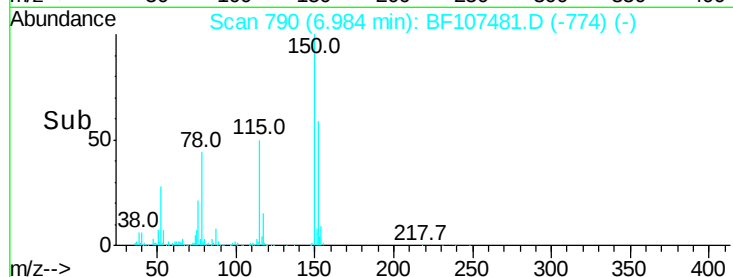
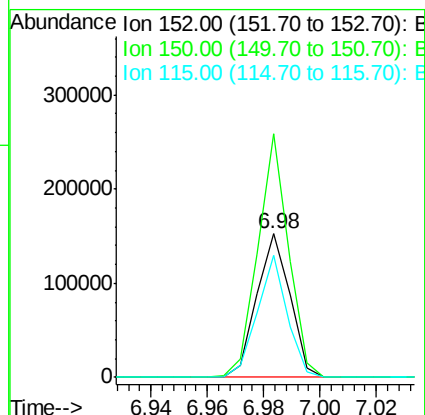
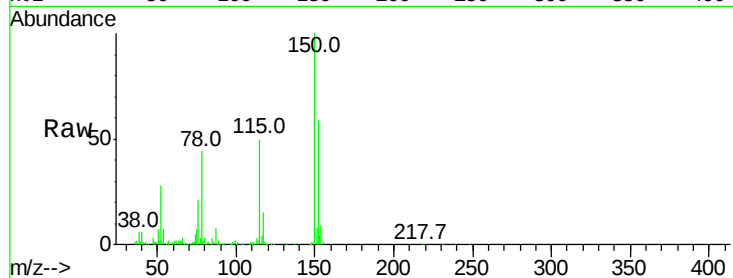


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.98 min Scan# 790
 Delta R.T. -0.01 min
 Lab File: BF107481.D
 Acq: 18 Jul 2018 16:53

Instrument :
 BNA_F
 ClientSampleId :
 5-B

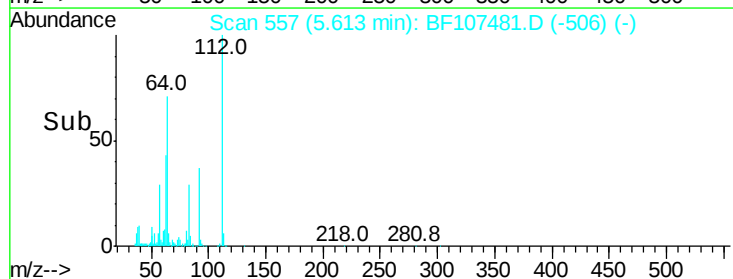
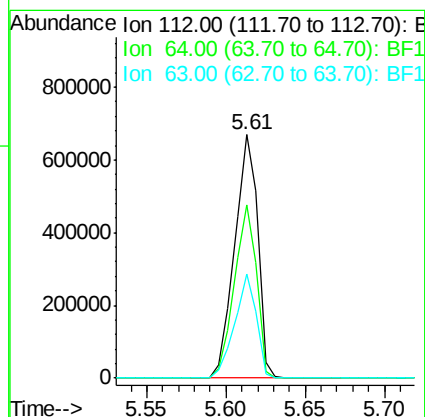
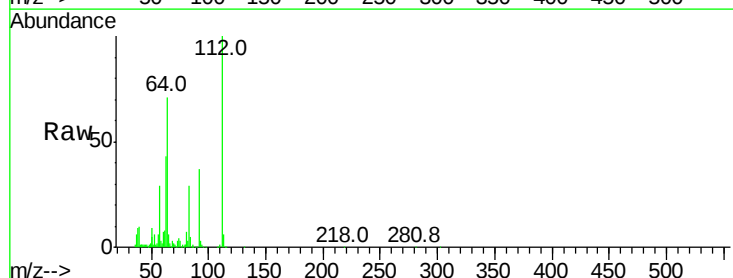
Tot Ion	Ratio	Lower	Upper
152	100		
150	169.8	124.6	186.8
115	85.4	50.1	75.1#

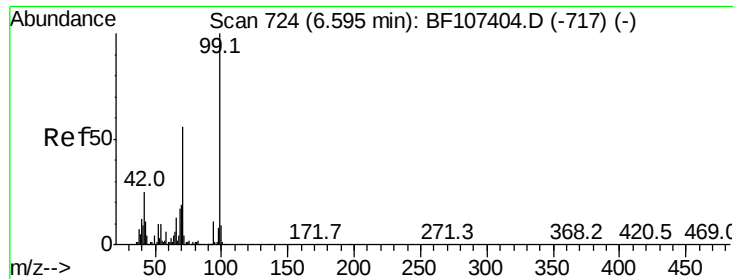


#5

2-Fluorophenol
 Concen: 82.707 ng
 RT: 5.61 min Scan# 557
 Delta R.T. 0.00 min
 Lab File: BF107481.D
 Acq: 18 Jul 2018 16:53

Tgt Ion	Ratio	Lower	Upper
112	100		
64	71.2	47.9	71.9
63	43.0	23.7	35.5#





#7

Phenol-d6

Concen: 81.675 ng

RT: 6.61 min Scan# 727

Delta R.T. 0.00 min

Lab File: BF107481.D

Acq: 18 Jul 2018 16:53

Instrument :

BNA_F

ClientSampleId :

5-B

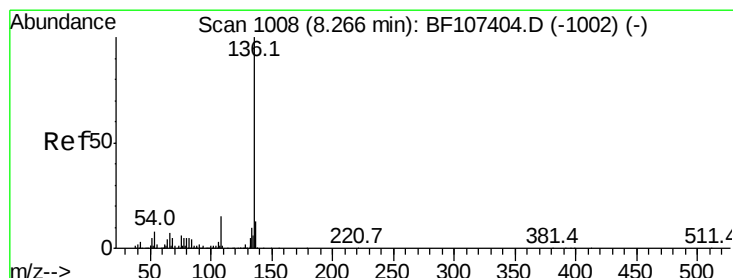
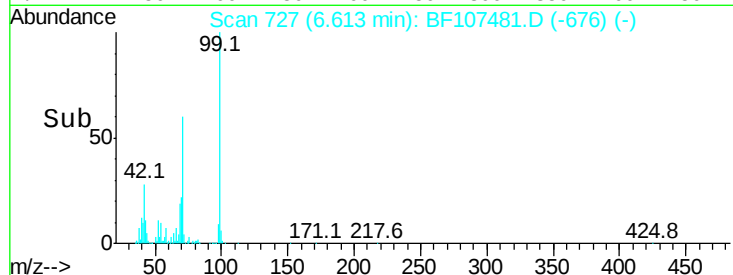
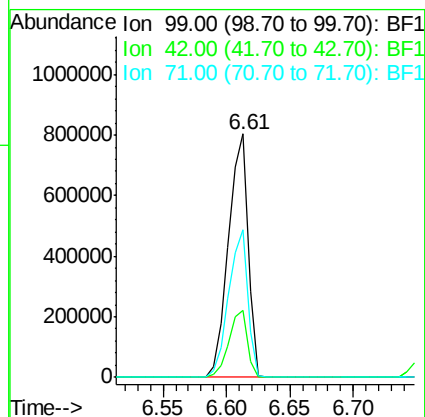
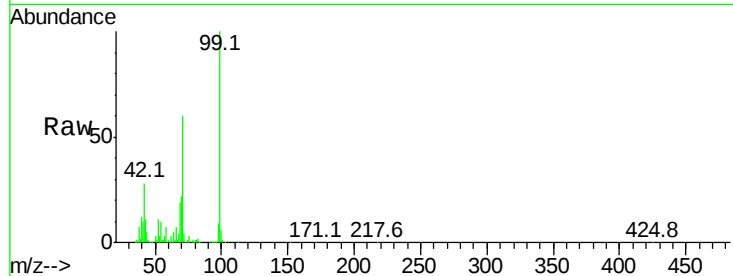
Tot Ion: 99 Resp: 863239

Ion Ratio Lower Upper

99 100

42 27.6 14.5 21.7#

71 60.5 25.4 38.0#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.27 min Scan# 1008

Delta R.T. -0.01 min

Lab File: BF107481.D

Acq: 18 Jul 2018 16:53

Tgt Ion: 136 Resp: 477368

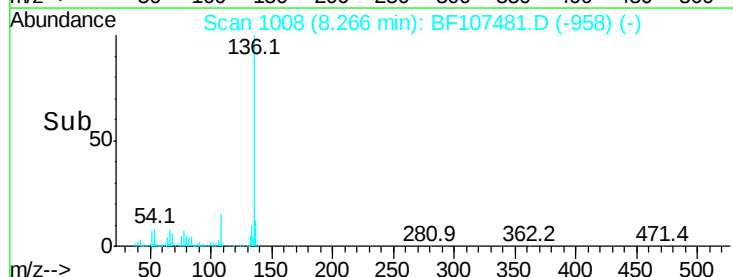
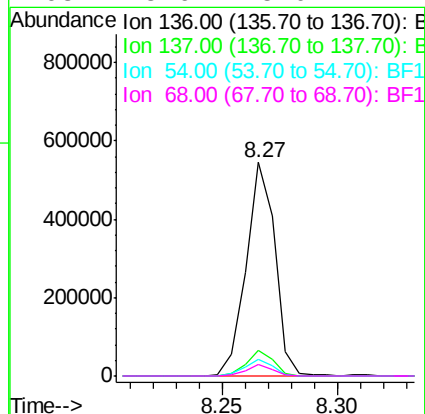
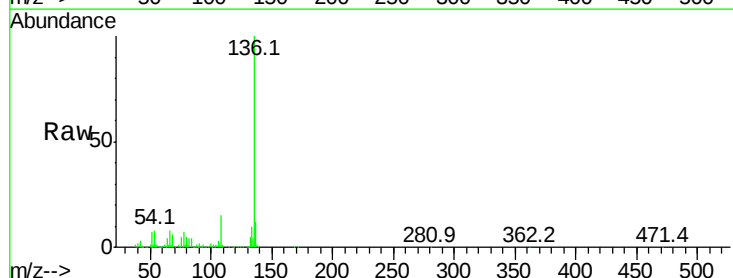
Ion Ratio Lower Upper

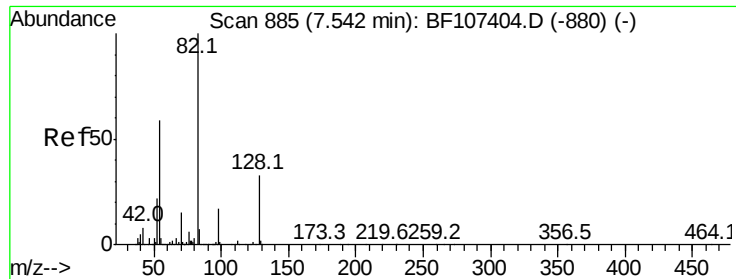
136 100

137 12.0 8.9 13.3

54 8.1 6.6 9.8

68 5.6 5.0 7.4

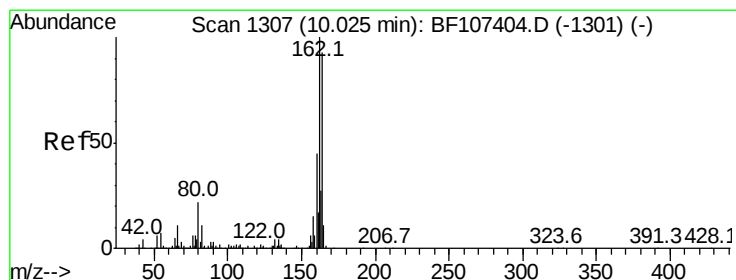
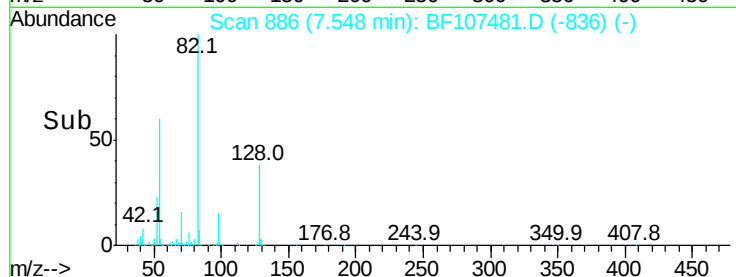
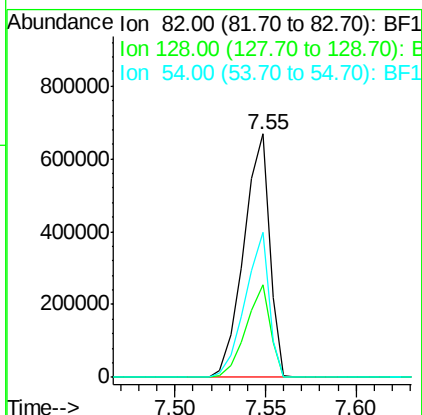
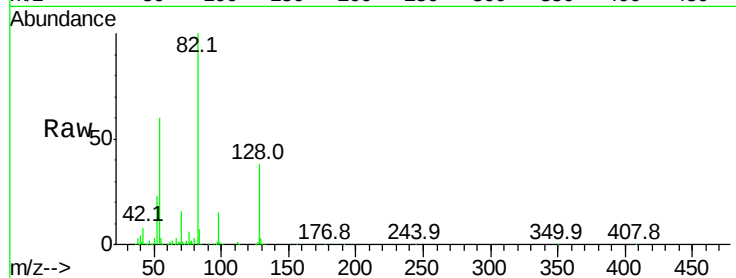




#23
 Nitrobenzene-d5
 Concen: 74.187 ng
 RT: 7.55 min Scan# 886
 Delta R.T. -0.01 min
 Lab File: BF107481.D
 Acq: 18 Jul 2018 16:53

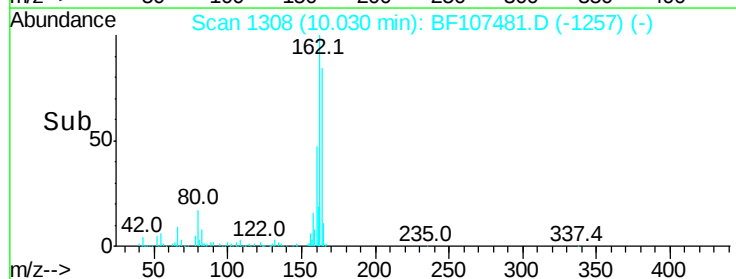
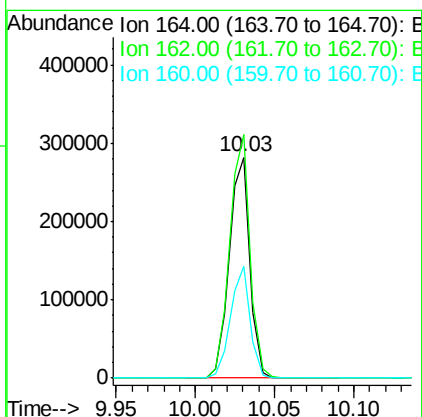
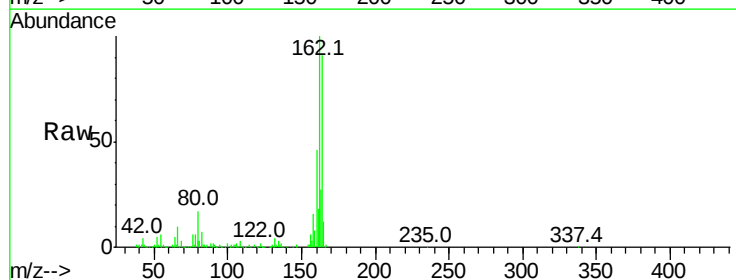
Instrument :
 BNA_F
 ClientSampleId :
 5-B

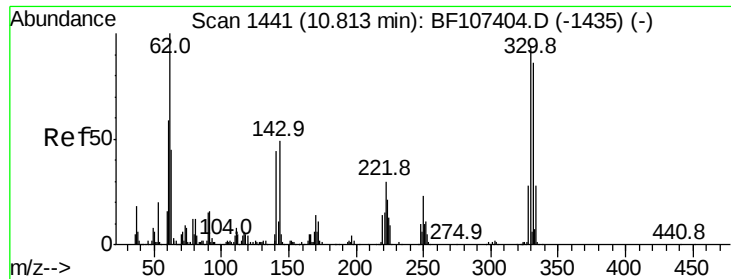
Tot Ion	82	Resp	664134
Ion Ratio	Lower	Upper	
82	100		
128	38.2	36.1	54.1
54	59.5	41.4	62.2



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.03 min Scan# 1308
 Delta R.T. 0.00 min
 Lab File: BF107481.D
 Acq: 18 Jul 2018 16:53

Tgt Ion	164	Resp	253744
Ion Ratio	Lower	Upper	
164	100		
162	110.3	86.1	129.1
160	50.8	38.3	57.5

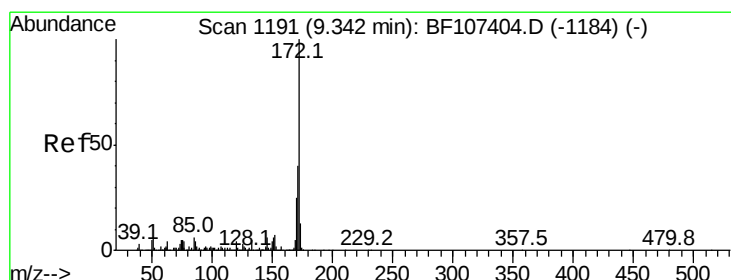
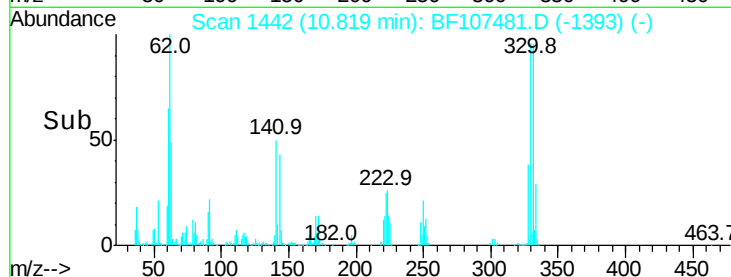
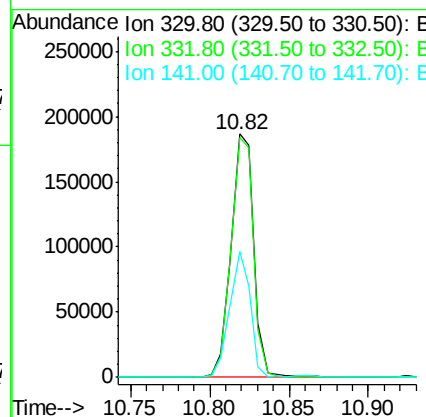
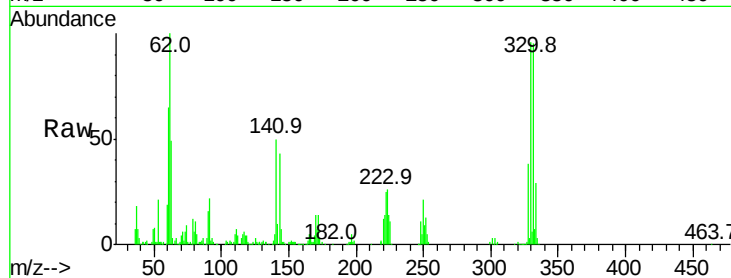




#41
 2,4,6-Tribromophenol
 Concen: 82.900 ng
 RT: 10.82 min Scan# 1442
 Delta R.T. -0.01 min
 Lab File: BF107481.D
 Acq: 18 Jul 2018 16:53

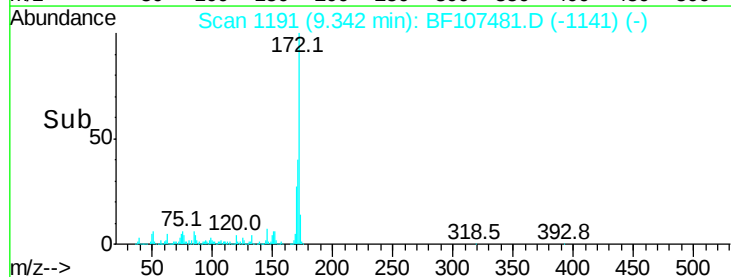
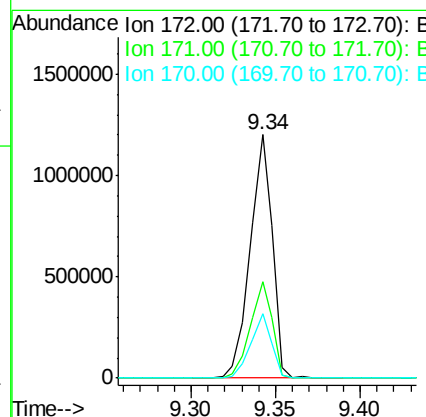
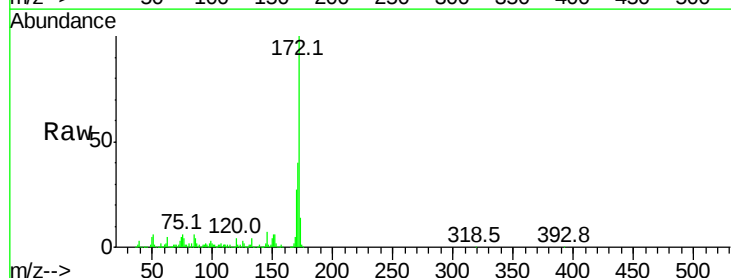
Instrument :
 BNA_F
 ClientSampleId :
 5-B

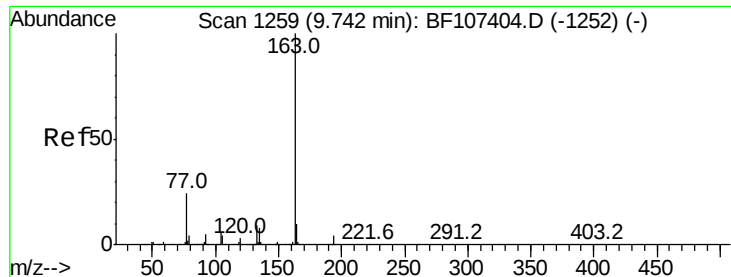
Tot Ion:330 Resp: 184821
 Ion Ratio Lower Upper
 330 100
 332 97.3 77.0 115.6
 141 47.0 29.9 44.9#



#44
 2-Fluorobiphenyl
 Concen: 71.084 ng
 RT: 9.34 min Scan# 1191
 Delta R.T. -0.01 min
 Lab File: BF107481.D
 Acq: 18 Jul 2018 16:53

Tgt Ion:172 Resp: 1108801
 Ion Ratio Lower Upper
 172 100
 171 39.6 29.7 44.5
 170 26.6 19.6 29.4

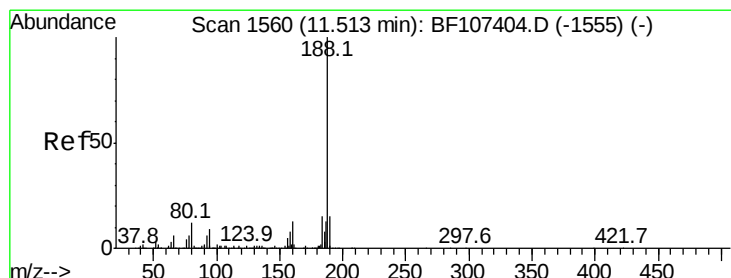
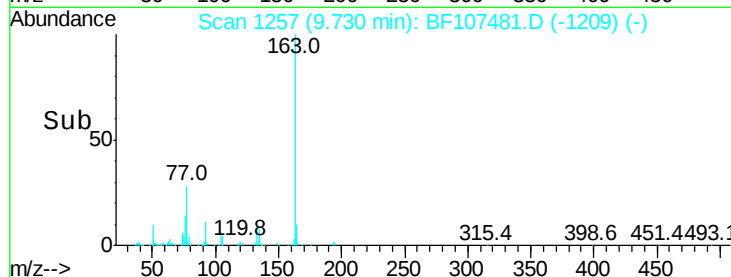
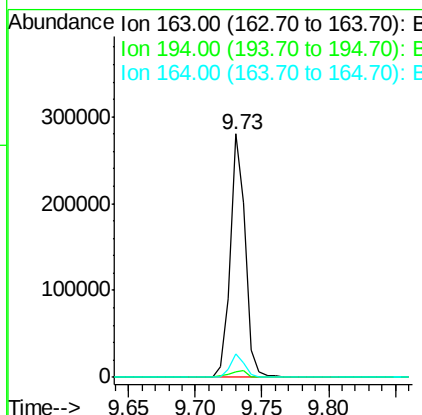
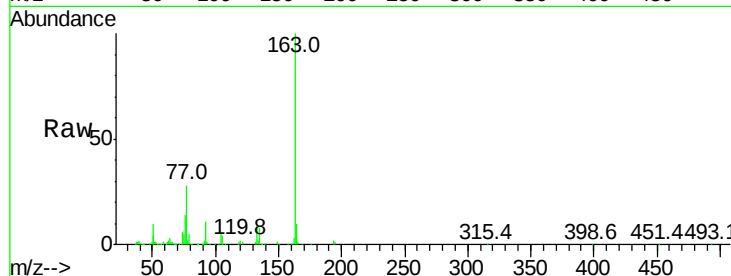




#49
Dimethylphthalate
Concen: 11.040 ng
RT: 9.73 min Scan# 1257
Delta R.T. -0.02 min
Lab File: BF107481.D
Acq: 18 Jul 2018 16:53

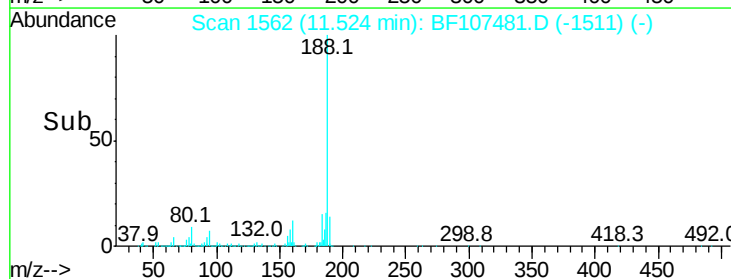
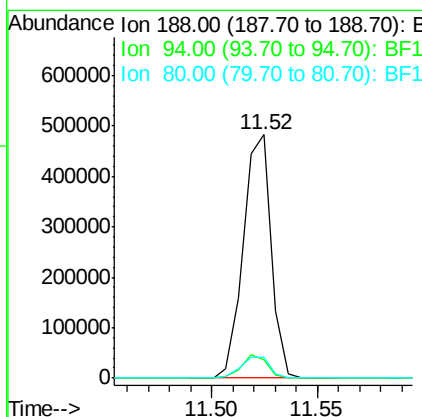
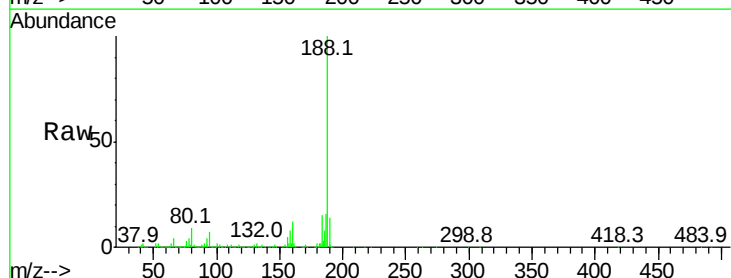
Instrument :
BNA_F
ClientSampleId :
5-B

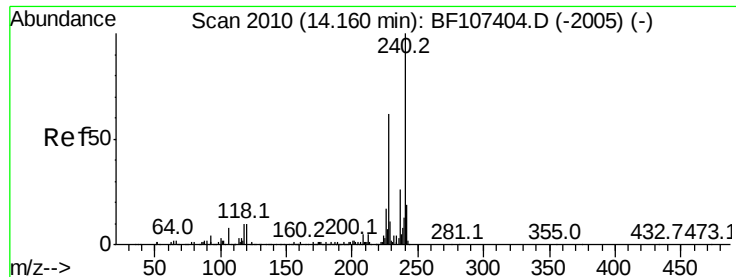
Tot Ion	Ratio	Lower	Upper
163	100		
194	2.4	2.7	4.1#
164	9.6	8.2	12.2



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.52 min Scan# 1562
Delta R.T. 0.00 min
Lab File: BF107481.D
Acq: 18 Jul 2018 16:53

Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.3	8.5	12.7#
80	8.8	9.2	13.8#





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.17 min Scan# 2012

Delta R.T. -0.01 min

Lab File: BF107481.D

Acq: 18 Jul 2018 16:53

Instrument :

BNA_F

ClientSampleId :

5-B

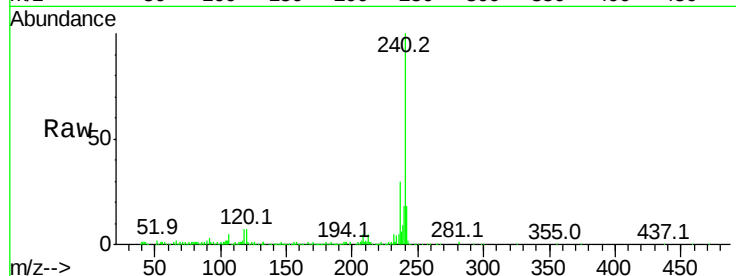
Tot Ion:240 Resp: 328804

Ion Ratio Lower Upper

240 100

120 6.9 9.5 14.3#

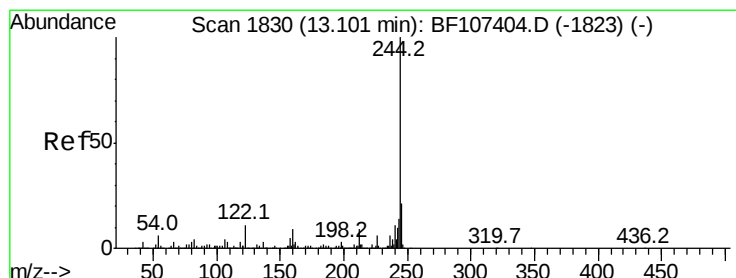
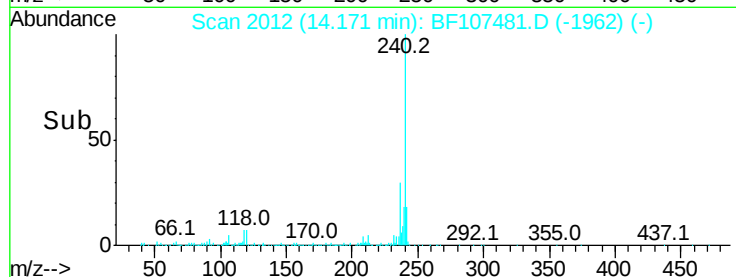
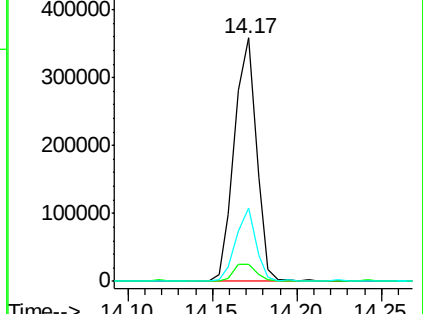
236 30.0 20.7 31.1



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: 68.525 ng

RT: 13.11 min Scan# 1831

Delta R.T. -0.01 min

Lab File: BF107481.D

Acq: 18 Jul 2018 16:53

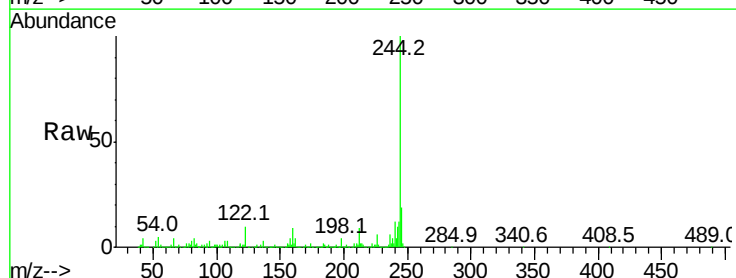
Tgt Ion:244 Resp: 906852

Ion Ratio Lower Upper

244 100

212 8.8 5.4 8.0#

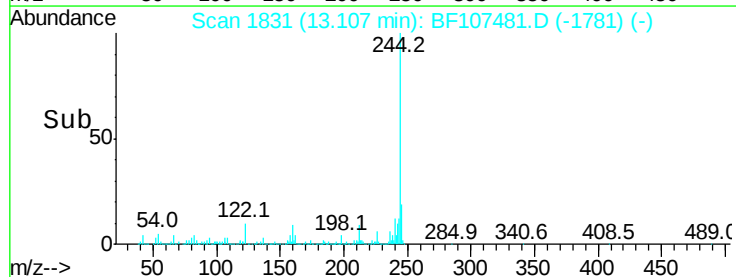
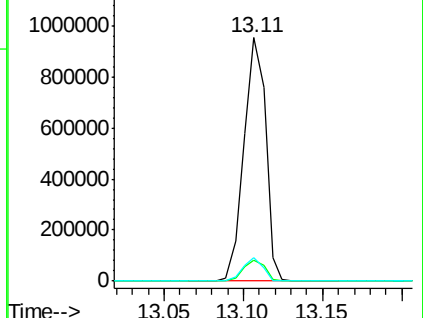
122 9.5 11.0 16.4#

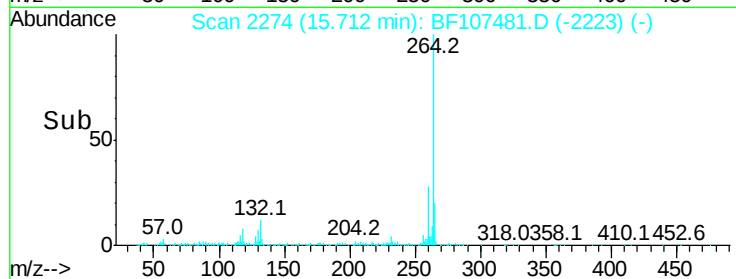
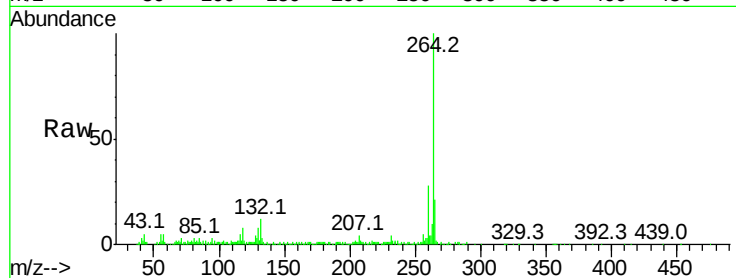
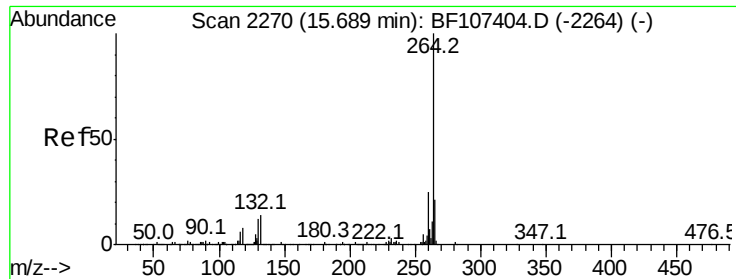


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.71 min Scan# 2274
 Delta R.T. 0.00 min
 Lab File: BF107481.D
 Acq: 18 Jul 2018 16:53

Instrument :
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Tot Ion	Ratio	Lower	Upper
264	100		
260	28.2	19.2	28.8
265	20.8	17.5	26.3

