

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080118\
 Data File : BF107904.D
 Acq On : 1 Aug 2018 22:05
 Operator : JU/SJ
 Sample : J4250-01
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 2576

Quant Time: Aug 02 00:40:01 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073018.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 30 17:48:53 2018
 Response via : Initial Calibration

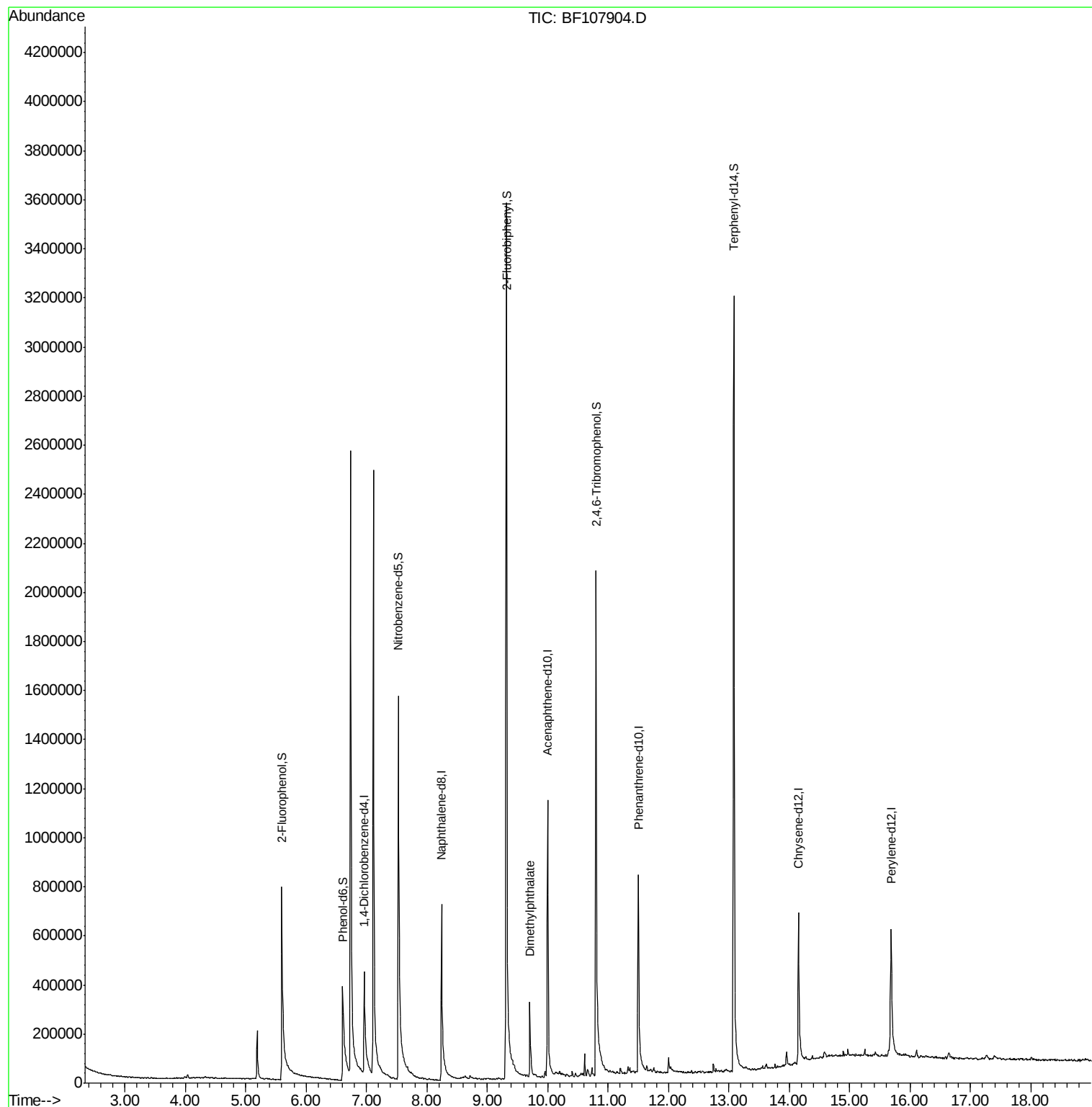
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	137568	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	617609	20.00	ng	0.00
38) Acenaphthene-d10	10.00	164	270989	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	509290	20.00	ng	0.00
75) Chrysene-d12	14.15	240	375006	20.00	ng	0.00
86) Perylene-d12	15.68	264	402369	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	484026	59.80	ng	0.00
7) Phenol-d6	6.61	99	361776	33.91	ng	0.00
23) Nitrobenzene-d5	7.53	82	928188	86.58	ng	0.00
41) 2,4,6-Tribromophenol	10.80	330	424673	115.33	ng	0.00
44) 2-Fluorobiphenyl	9.32	172	1758850	90.44	ng	0.00
78) Terphenyl-d14	13.08	244	1419753	82.10	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.71	163	182554	8.970	ng	Qvalue 99

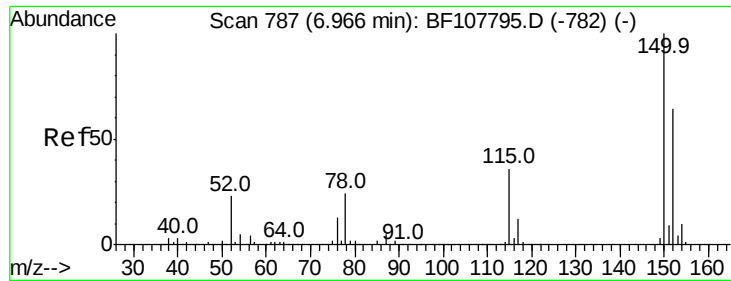
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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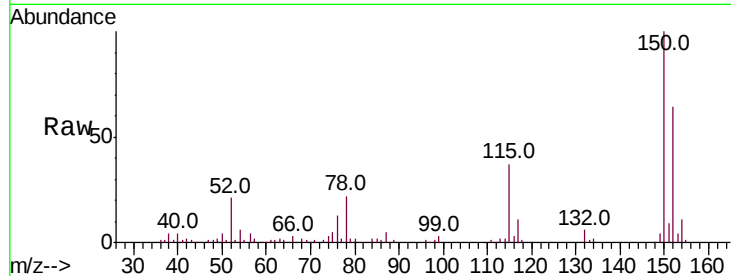


#1

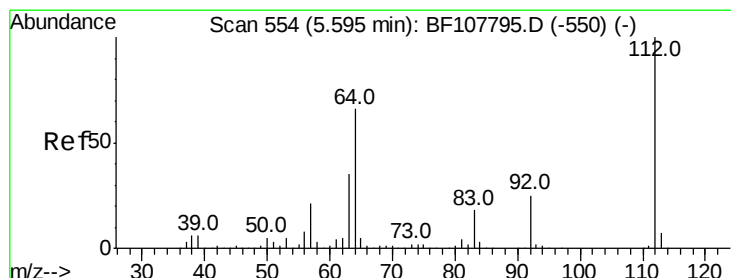
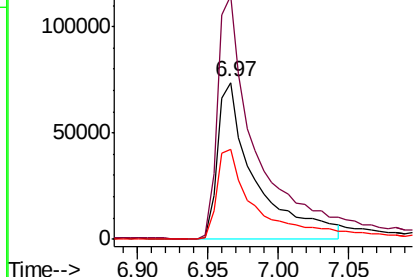
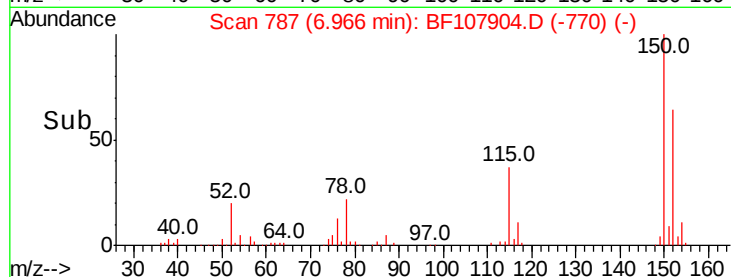
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 787
Delta R.T. -0.00 min
Lab File: BF107904.D
Acq: 1 Aug 2018 22:05

Instrument :
BNA_F
ClientSampleId :
2576

Tot Ion:152 Resp: 137568
Ion Ratio Lower Upper
152 100
150 155.2 124.6 186.8
115 57.1 50.1 75.1



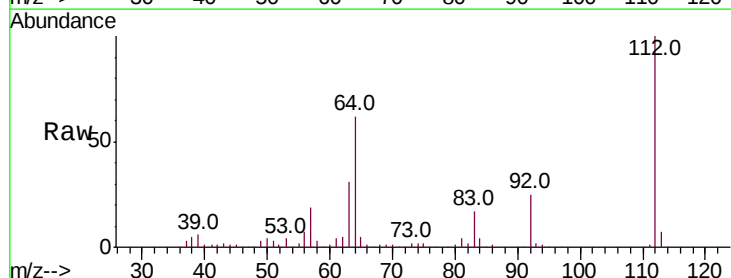
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



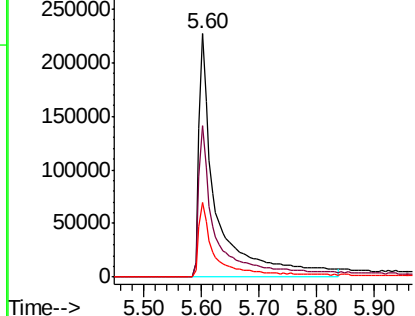
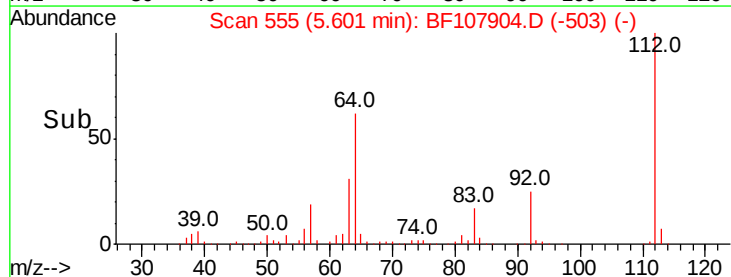
#5

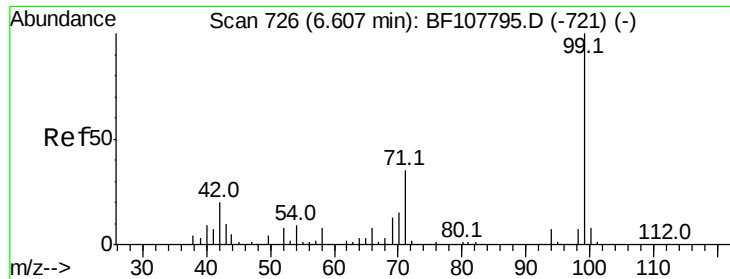
2-Fluorophenol
Concen: 59.798 ng
RT: 5.60 min Scan# 555
Delta R.T. 0.01 min
Lab File: BF107904.D
Acq: 1 Aug 2018 22:05

Tgt Ion:112 Resp: 484026
Ion Ratio Lower Upper
112 100
64 62.3 47.9 71.9
63 30.9 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: 33.912 ng

RT: 6.61 min Scan# 726

Delta R.T. -0.00 min

Lab File: BF107904.D

Acq: 1 Aug 2018 22:05

Instrument :

BNA_F

ClientSampleId :

2576

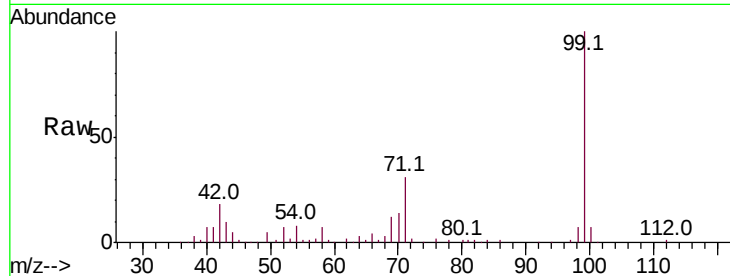
Tot Ion: 99 Resp: 361776

Ion Ratio Lower Upper

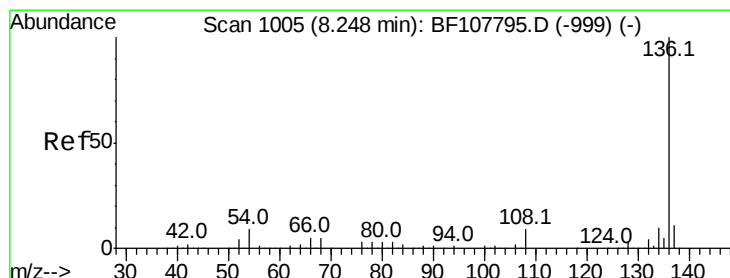
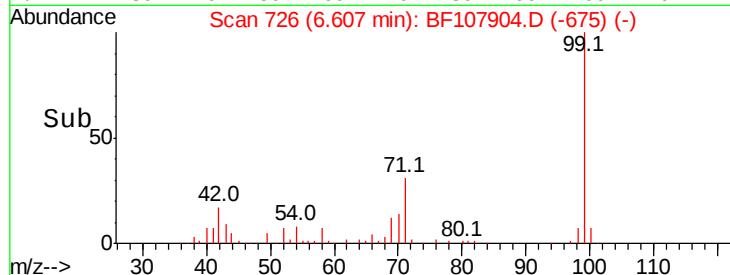
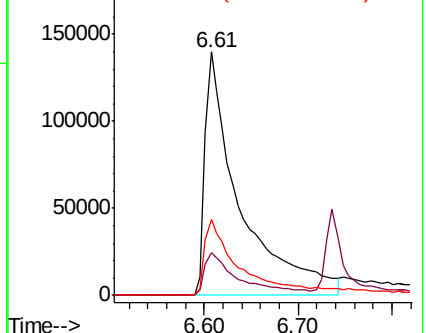
99 100

42 17.5 14.5 21.7

71 30.9 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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.24 min Scan# 1004

Delta R.T. -0.01 min

Lab File: BF107904.D

Acq: 1 Aug 2018 22:05

Tgt Ion: 136 Resp: 617609

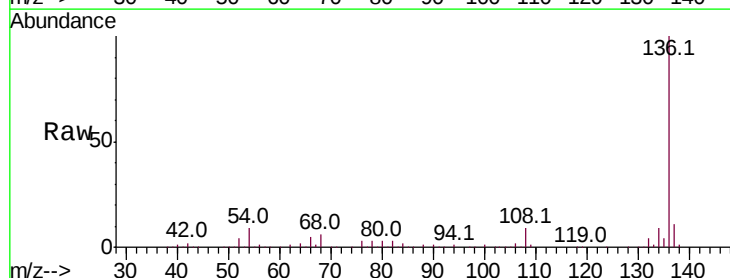
Ion Ratio Lower Upper

136 100

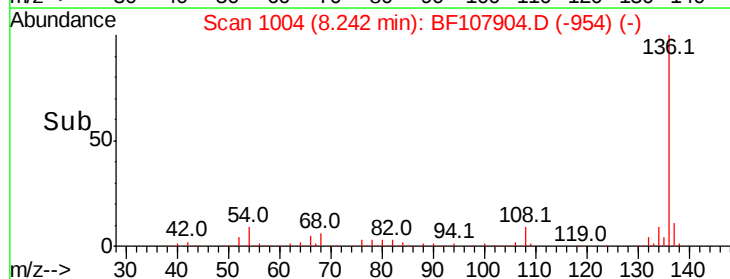
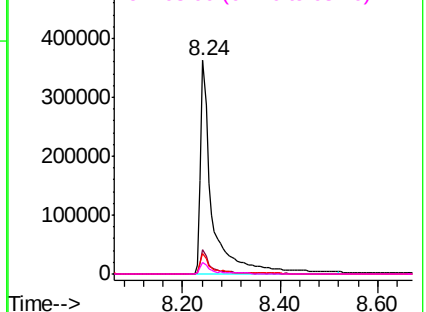
137 11.3 8.9 13.3

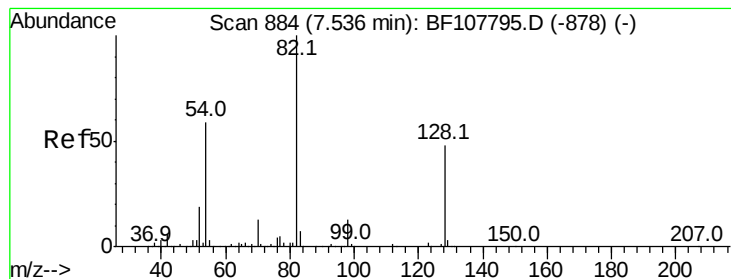
54 9.4 6.6 9.8

68 5.5 5.0 7.4



Abundance Ion 136.00 (135.70 to 136.70): E
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: 86.581 ng

RT: 7.53 min Scan# 883

Delta R.T. -0.01 min

Lab File: BF107904.D

Acq: 1 Aug 2018 22:05

Instrument :

BNA_F

ClientSampleId :

2576

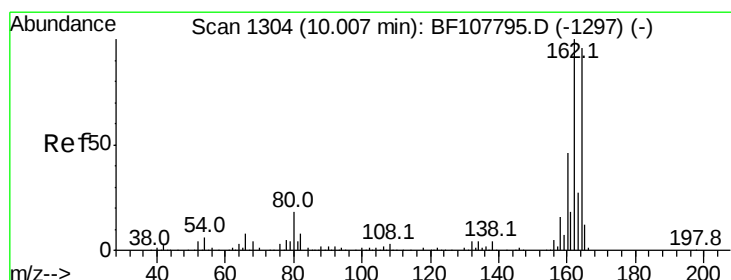
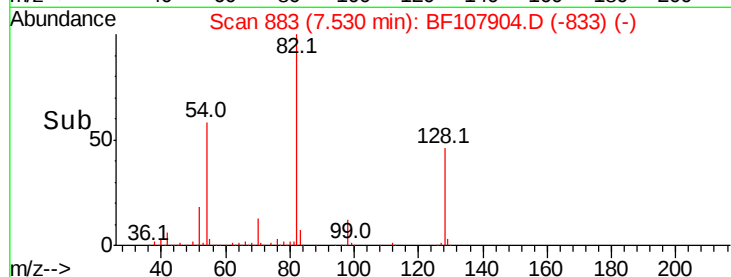
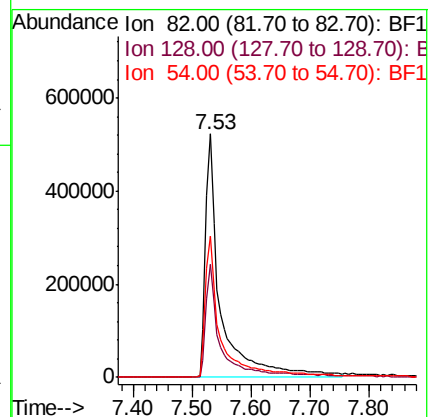
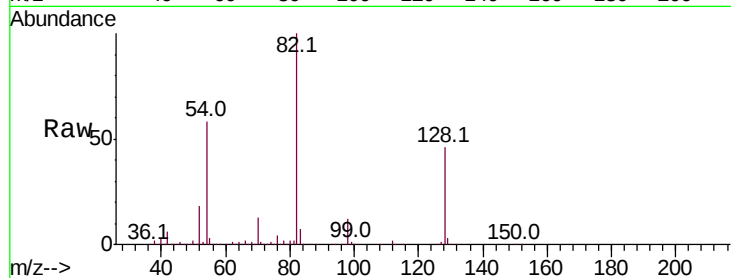
Tot Ion: 82 Resp: 928188

Ion Ratio Lower Upper

82 100

128 46.4 36.1 54.1

54 58.1 41.4 62.2



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.00 min Scan# 1303

Delta R.T. -0.01 min

Lab File: BF107904.D

Acq: 1 Aug 2018 22:05

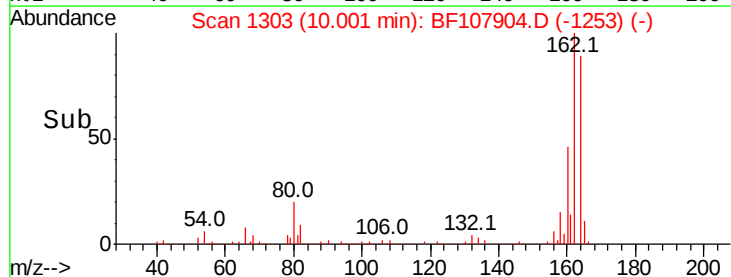
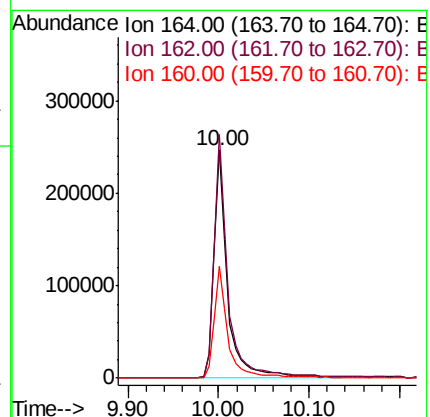
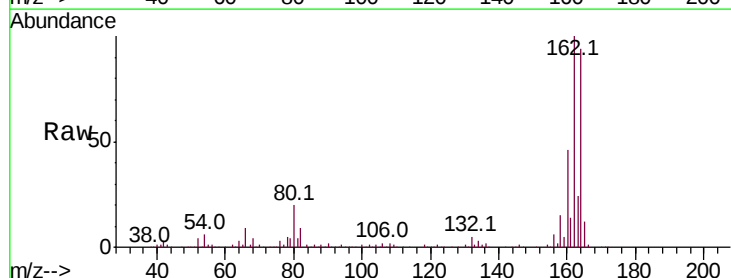
Tgt Ion:164 Resp: 270989

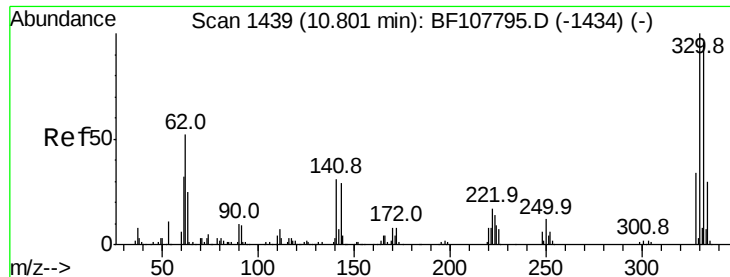
Ion Ratio Lower Upper

164 100

162 106.8 86.1 129.1

160 49.1 38.3 57.5

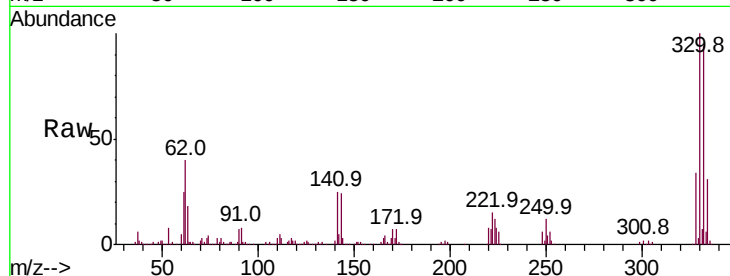




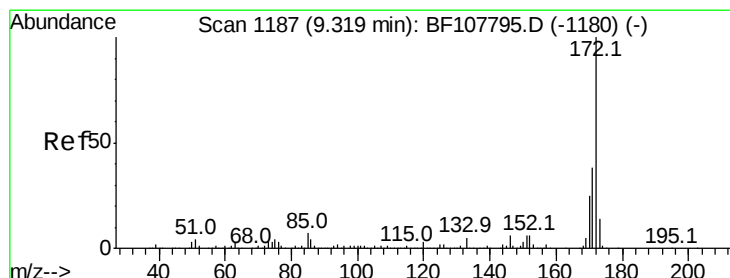
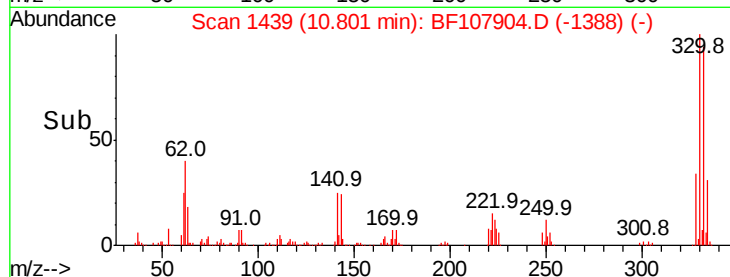
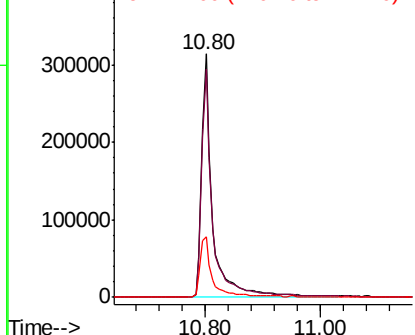
#41
 2,4,6-Tribromophenol
 Concen: 115.332 ng
 RT: 10.80 min Scan# 1439
 Delta R.T. -0.00 min
 Lab File: BF107904.D
 Acq: 1 Aug 2018 22:05

Instrument :
 BNA_F
 ClientSampleId :
 2576

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.0	77.0	115.6
141	28.0	29.9	44.9#

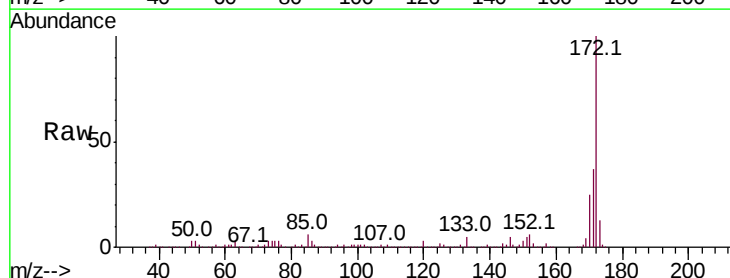


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

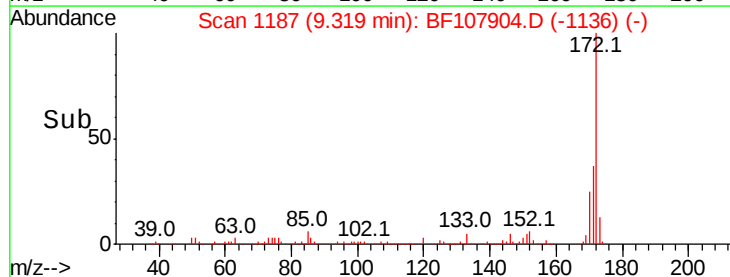
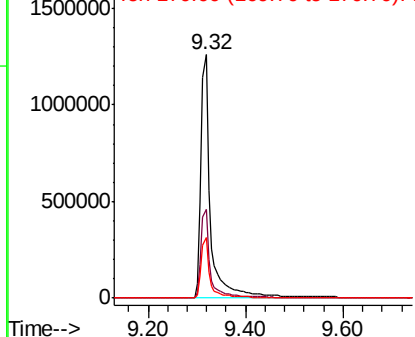


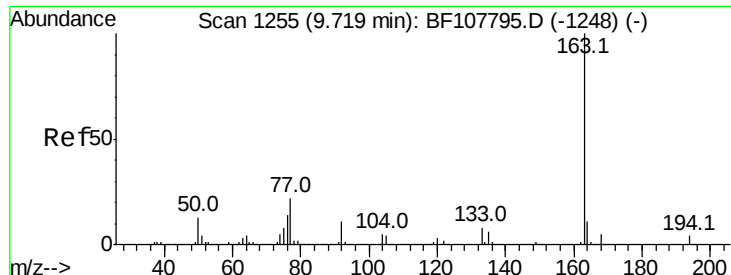
#44
 2-Fluorobiphenyl
 Concen: 90.444 ng
 RT: 9.32 min Scan# 1187
 Delta R.T. -0.00 min
 Lab File: BF107904.D
 Acq: 1 Aug 2018 22:05

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.6	29.7	44.5
170	24.9	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

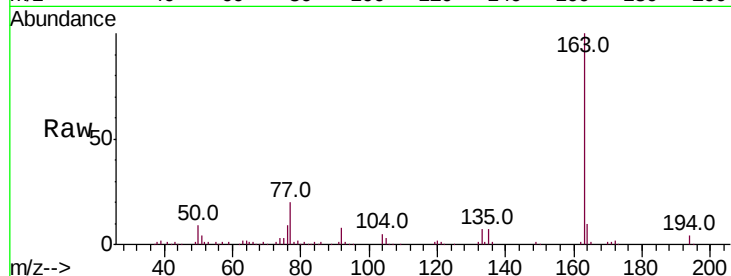




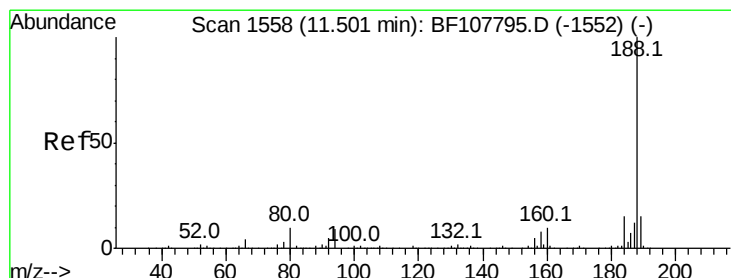
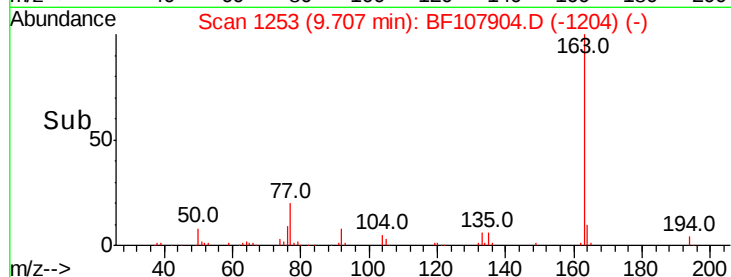
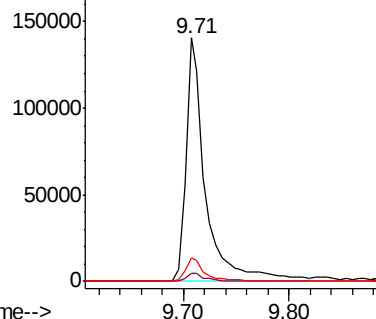
#49
Dimethylphthalate
Concen: 8.970 ng
RT: 9.71 min Scan# 1253
Delta R.T. -0.01 min
Lab File: BF107904.D
Acq: 1 Aug 2018 22:05

Instrument :
BNA_F
ClientSampleId :
2576

Tot Ion:163 Resp: 182554
Ion Ratio Lower Upper
163 100
194 3.6 2.7 4.1
164 9.7 8.2 12.2

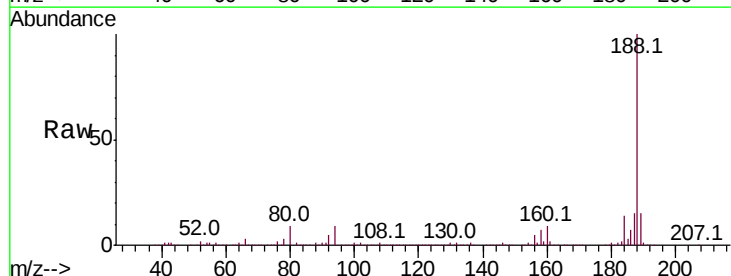


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

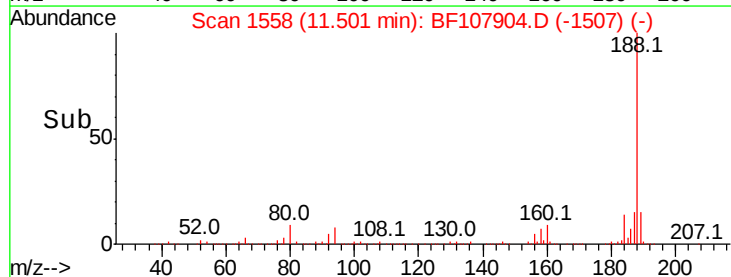
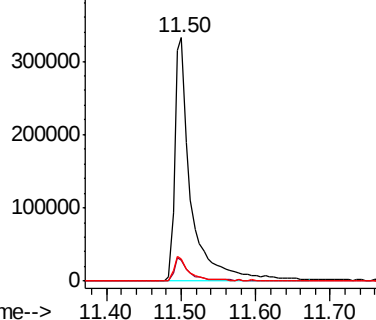


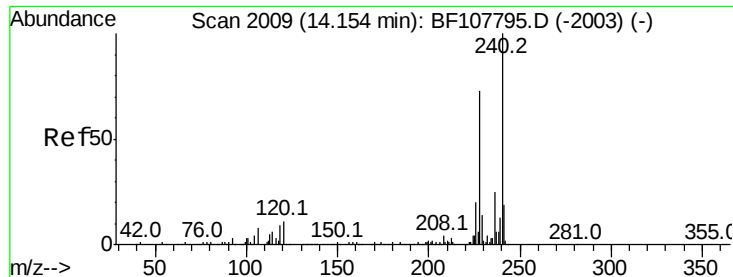
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1558
Delta R.T. -0.00 min
Lab File: BF107904.D
Acq: 1 Aug 2018 22:05

Tgt Ion:188 Resp: 509290
Ion Ratio Lower Upper
188 100
94 8.7 8.5 12.7
80 9.1 9.2 13.8#



Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.15 min Scan# 2009

Delta R.T. -0.00 min

Lab File: BF107904.D

Acq: 1 Aug 2018 22:05

Instrument :

BNA_F

ClientSampleId :

2576

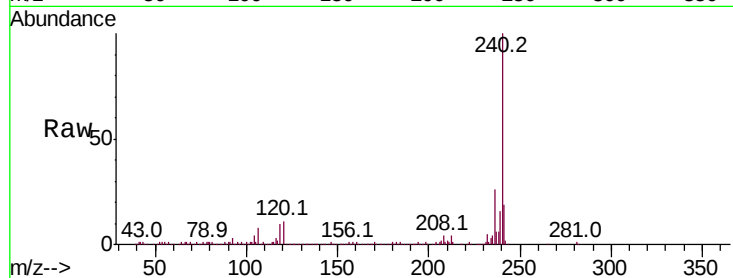
Tot Ion:240 Resp: 375006

Ion Ratio Lower Upper

240 100

120 11.2 9.5 14.3

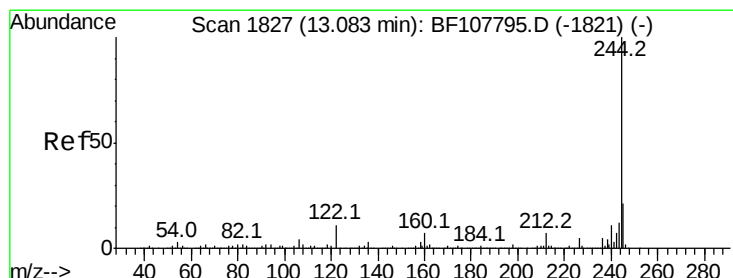
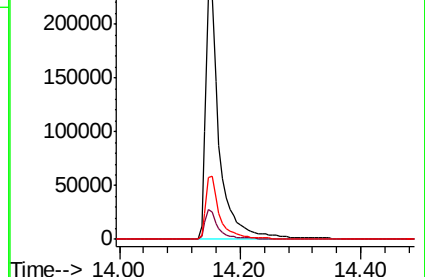
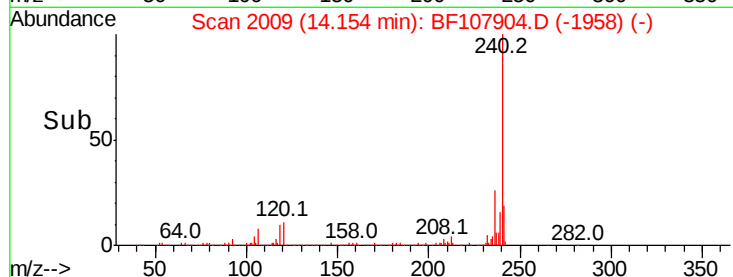
236 26.1 20.7 31.1



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: 82.096 ng

RT: 13.08 min Scan# 1827

Delta R.T. -0.00 min

Lab File: BF107904.D

Acq: 1 Aug 2018 22:05

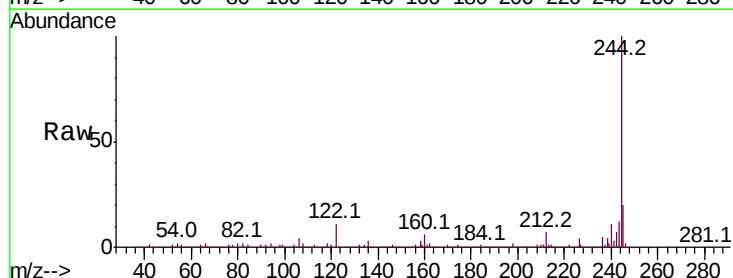
Tgt Ion:244 Resp: 1419753

Ion Ratio Lower Upper

244 100

212 6.7 5.4 8.0

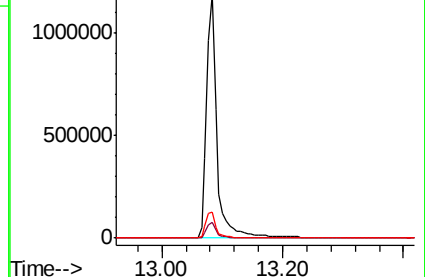
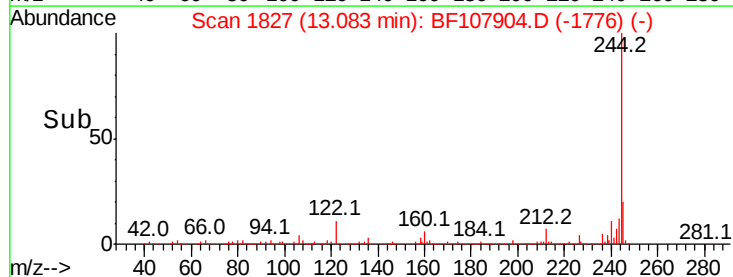
122 10.7 11.0 16.4#

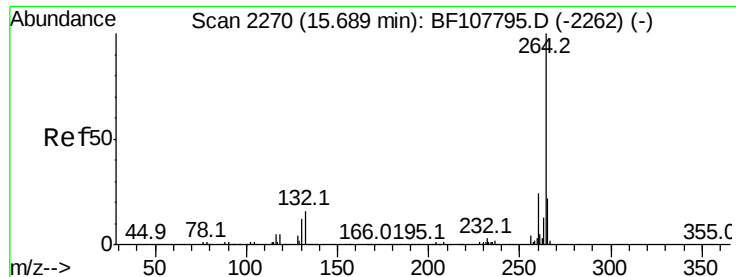


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

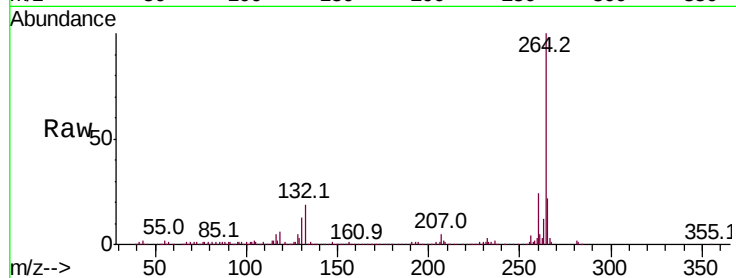




#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.68 min Scan# 2269
Delta R.T. -0.01 min
Lab File: BF107904.D
Acq: 1 Aug 2018 22:05

Instrument :
BNA_F
ClientSampleId :
2576

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.2	28.8
265	21.9	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

