

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072418\
 Data File : BF107644.D
 Acq On : 25 Jul 2018 4:25
 Operator : JU/SJ
 Sample : J4120-05
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ST-4

Quant Time: Jul 25 08:42:05 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

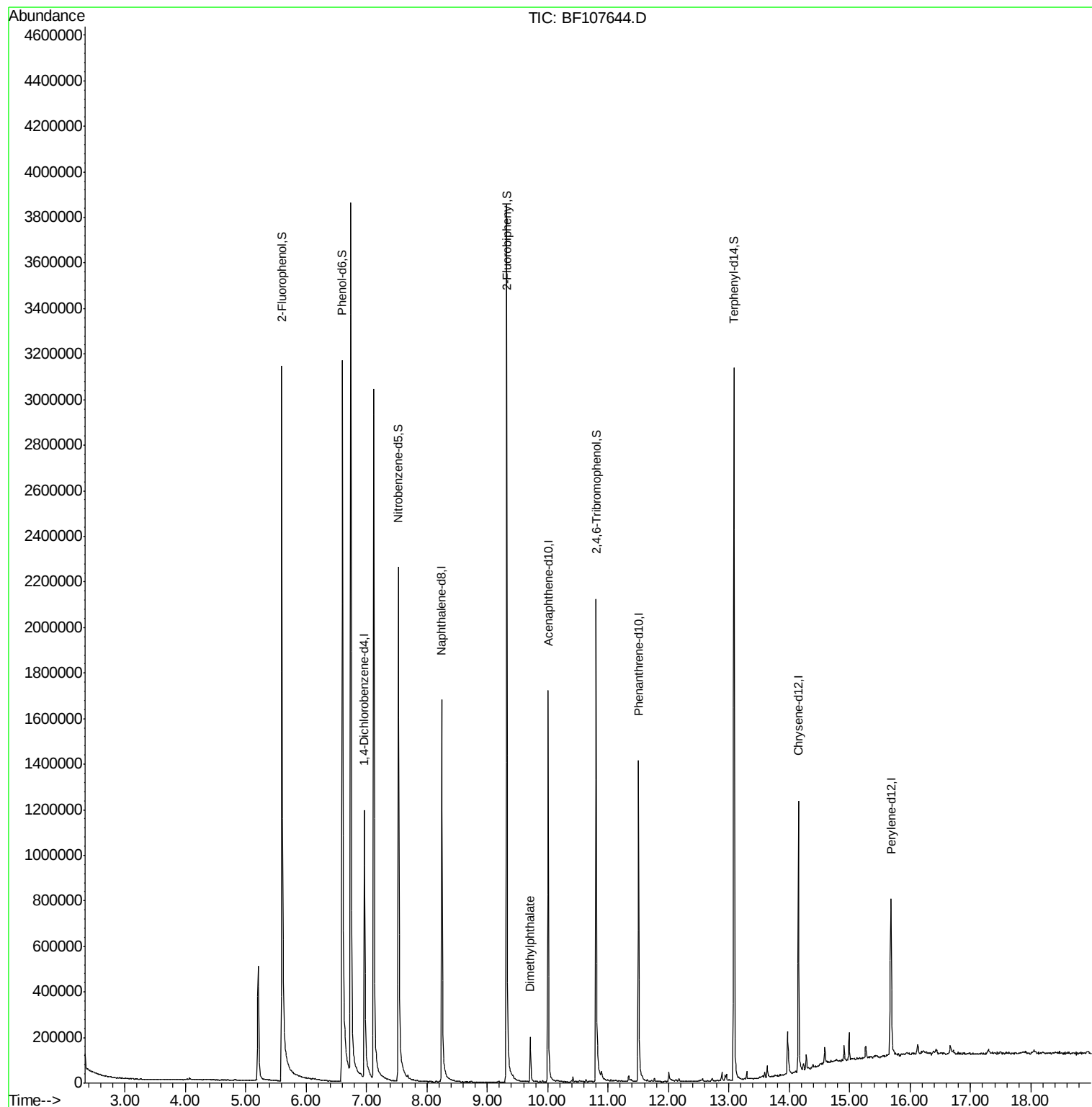
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	254845	20.00	ng	-0.01
21) Naphthalene-d8	8.25	136	952139	20.00	ng	-0.01
38) Acenaphthene-d10	10.01	164	368340	20.00	ng	-0.01
63) Phenanthrene-d10	11.50	188	641641	20.00	ng	-0.01
75) Chrysene-d12	14.15	240	487015	20.00	ng	-0.01
86) Perylene-d12	15.68	264	396019	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	1296895	81.82	ng	0.00
7) Phenol-d6	6.60	99	1614382	84.82	ng	-0.01
23) Nitrobenzene-d5	7.53	82	959103	67.98	ng	-0.02
41) 2,4,6-Tribromophenol	10.80	330	321506	76.76	ng	-0.02
44) 2-Fluorobiphenyl	9.32	172	1504189	65.56	ng	-0.01
78) Terphenyl-d14	13.08	244	1148801	60.39	ng	-0.02
Target Compounds						
49) Dimethylphthalate	9.71	163	92425	3.329	ng	Qvalue 99

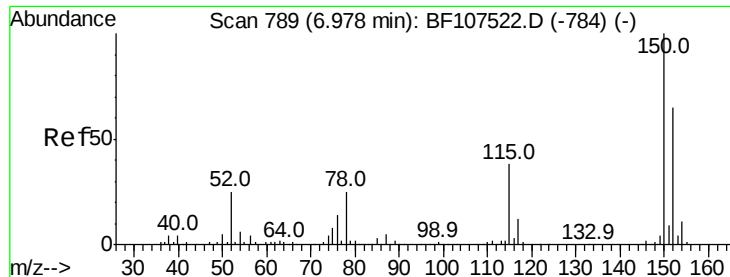
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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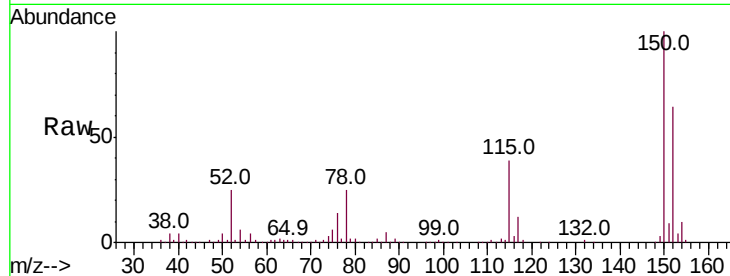


#1

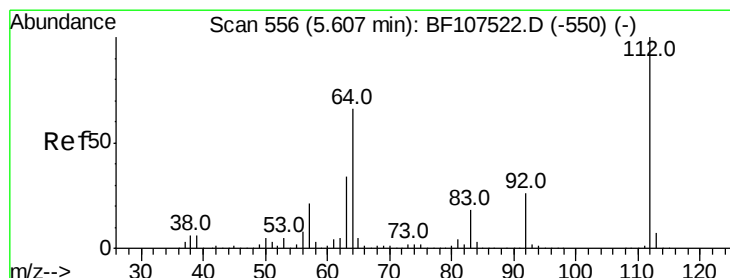
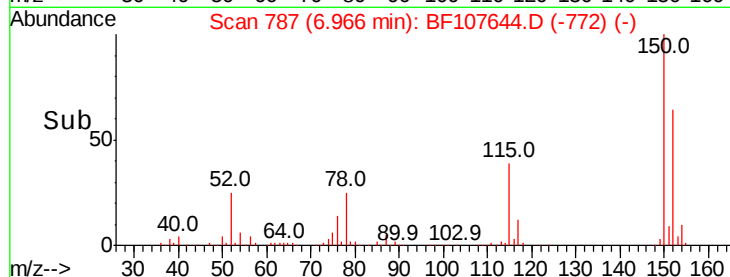
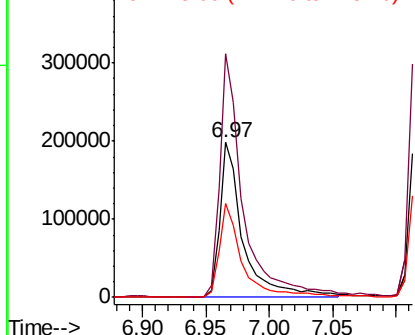
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 787
Delta R.T. -0.01 min
Lab File: BF107644.D
Acq: 25 Jul 2018 4:25

Instrument :
BNA_F
ClientSampled :
ST-4

Tot Ion:152 Resp: 254845
Ion Ratio Lower Upper
152 100
150 157.2 124.6 186.8
115 61.0 50.1 75.1



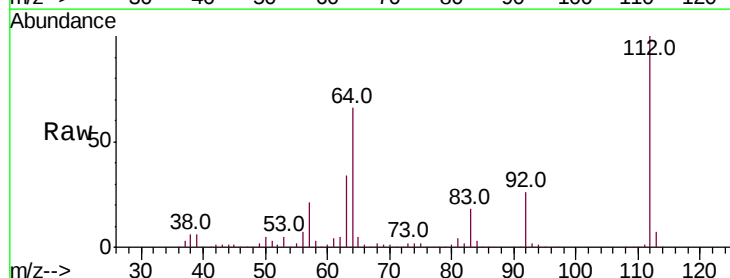
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



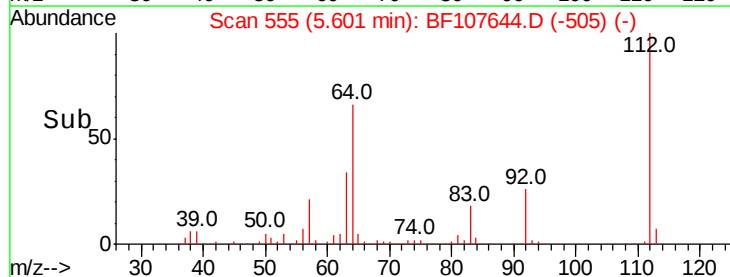
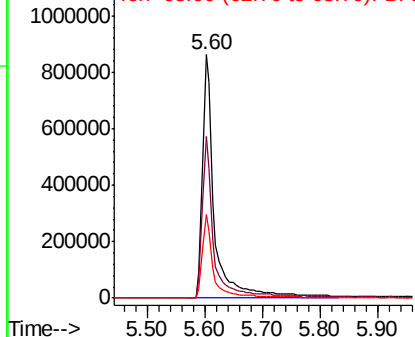
#5

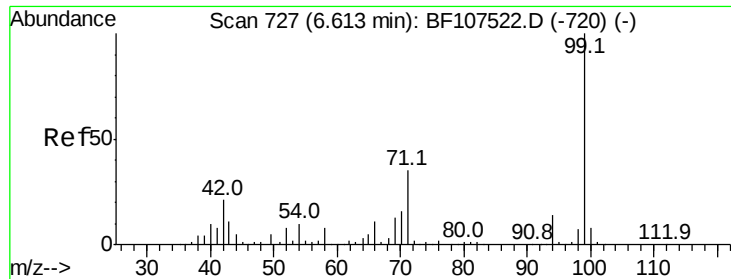
2-Fluorophenol
Concen: 81.821 ng
RT: 5.60 min Scan# 555
Delta R.T. -0.01 min
Lab File: BF107644.D
Acq: 25 Jul 2018 4:25

Tgt Ion:112 Resp: 1296895
Ion Ratio Lower Upper
112 100
64 66.4 47.9 71.9
63 34.1 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: 84.823 ng

RT: 6.60 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF107644.D

Acq: 25 Jul 2018 4:25

Instrument :

BNA_F

ClientSampled :

ST-4

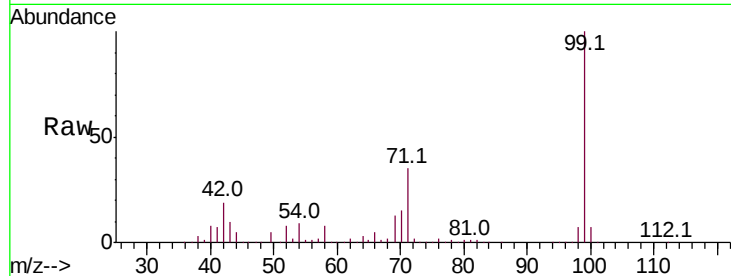
Tot Ion: 99 Resp: 1614382

Ion Ratio Lower Upper

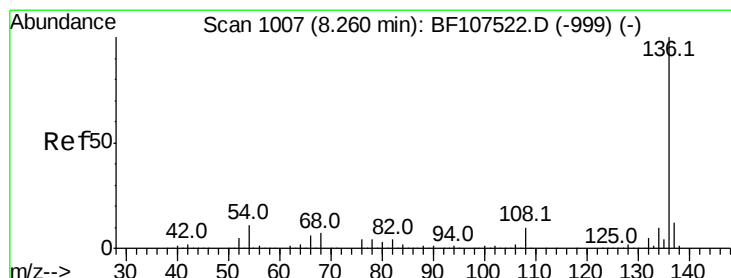
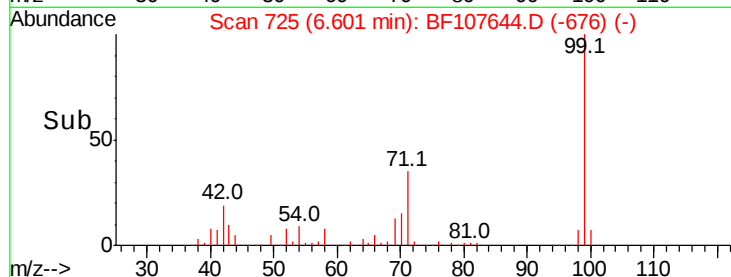
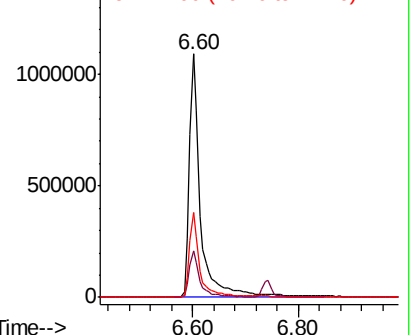
99 100

42 19.2 14.5 21.7

71 35.0 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: 8.25 min Scan# 1005

Delta R.T. -0.01 min

Lab File: BF107644.D

Acq: 25 Jul 2018 4:25

Tgt Ion: 136 Resp: 952139

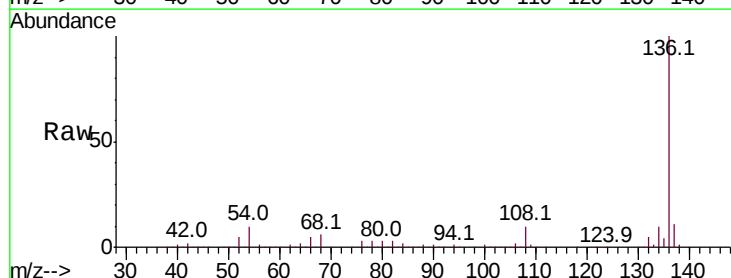
Ion Ratio Lower Upper

136 100

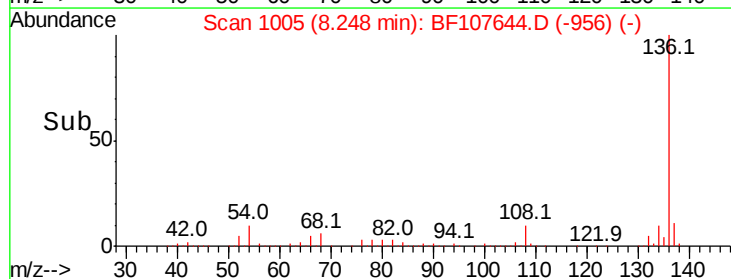
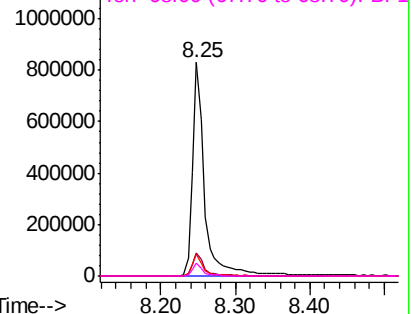
137 11.0 8.9 13.3

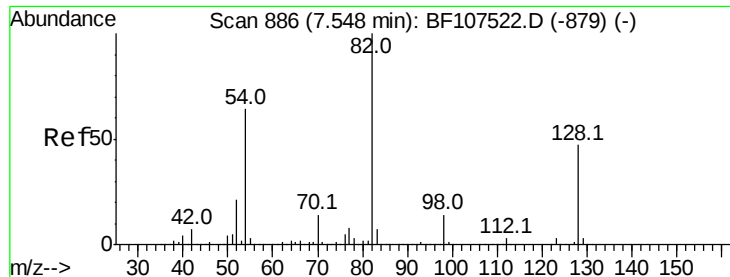
54 10.1 6.6 9.8#

68 5.7 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

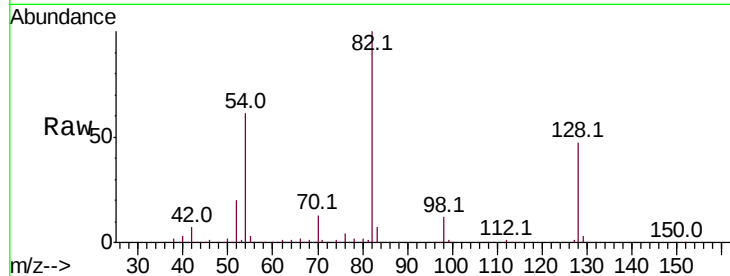




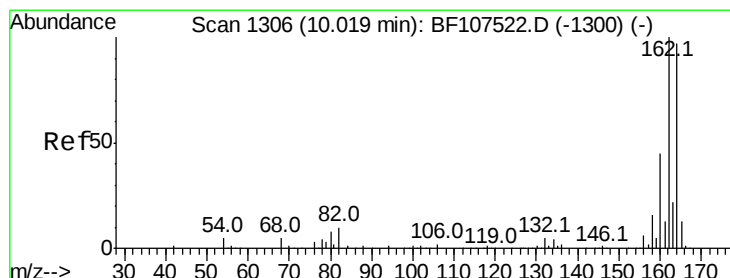
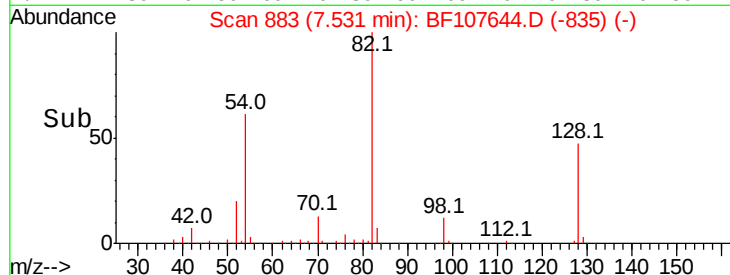
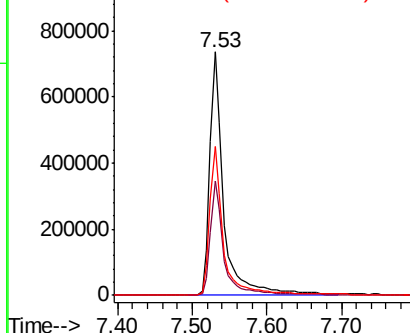
#23
 Nitrobenzene-d5
 Concen: 67.981 ng
 RT: 7.53 min Scan# 883
 Delta R.T. -0.02 min
 Lab File: BF107644.D
 Acq: 25 Jul 2018 4:25

Instrument :
 BNA_F
 ClientSampled :
 ST-4

Tot Ion	82	Resp	959103
Ion Ratio	Lower	Upper	
82	100		
128	47.1	36.1	54.1
54	60.9	41.4	62.2

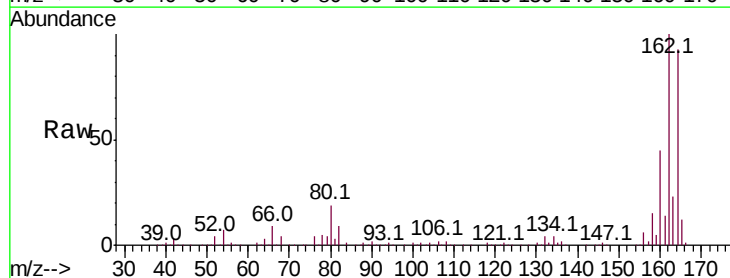


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF1

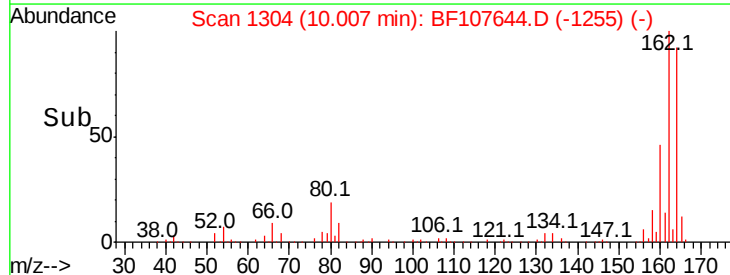
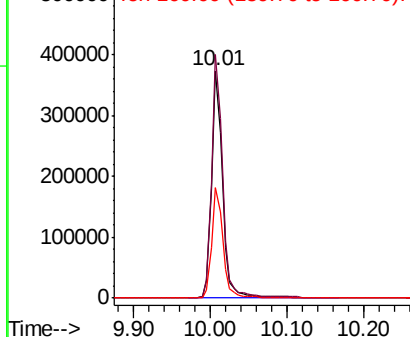


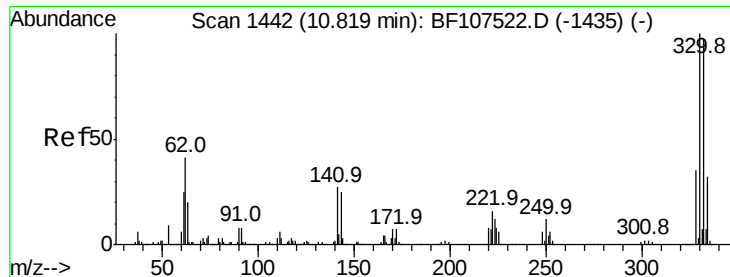
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.01 min Scan# 1304
 Delta R.T. -0.01 min
 Lab File: BF107644.D
 Acq: 25 Jul 2018 4:25

Tgt Ion	164	Resp	368340
Ion Ratio	Lower	Upper	
164	100		
162	107.1	86.1	129.1
160	48.7	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

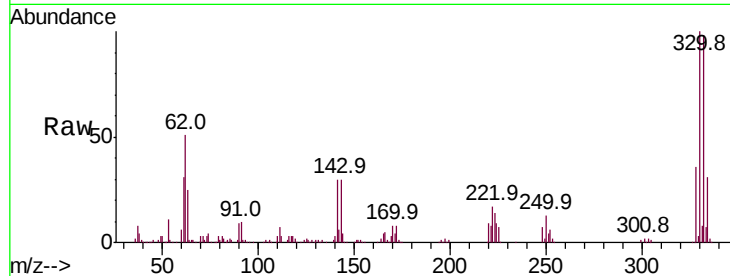




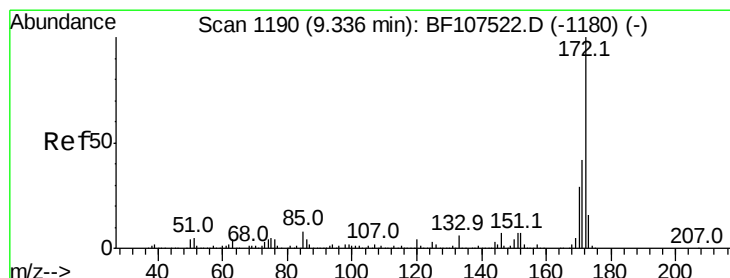
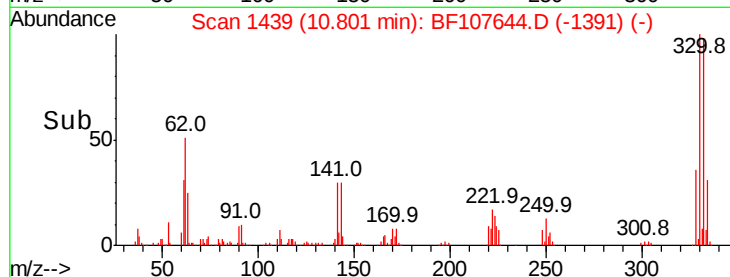
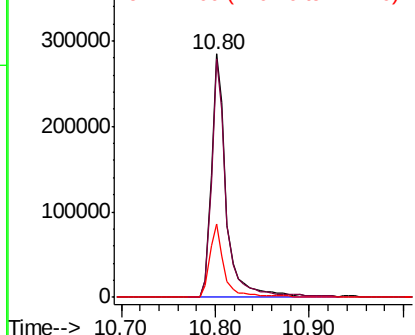
#41
 2,4,6-Tribromophenol
 Concen: 76.757 ng
 RT: 10.80 min Scan# 1439
 Delta R.T. -0.02 min
 Lab File: BF107644.D
 Acq: 25 Jul 2018 4:25

Instrument :
 BNA_F
 ClientSampleId :
 ST-4

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.0	77.0	115.6
141	29.6	29.9	44.9#

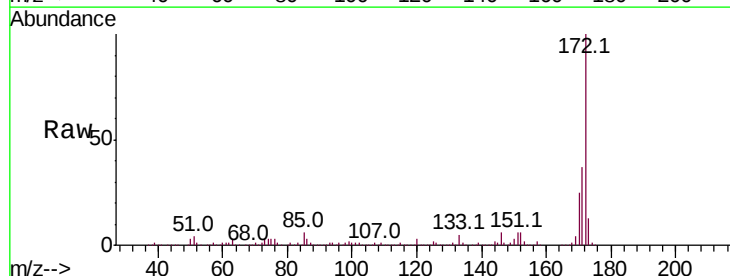


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

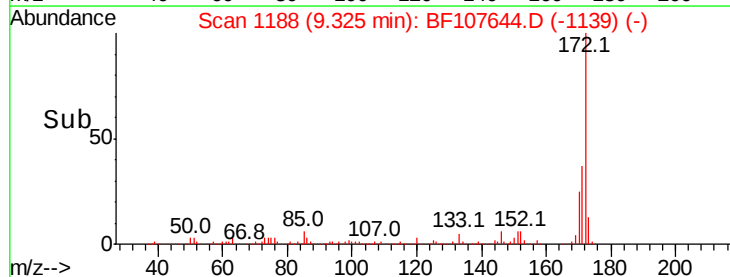
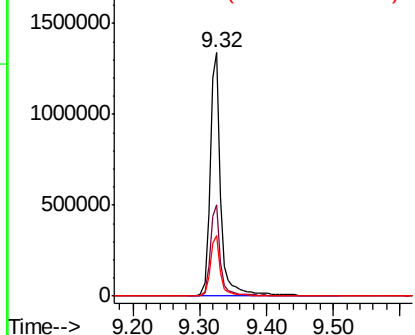


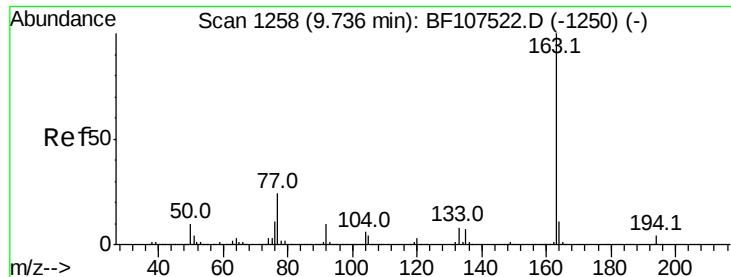
#44
 2-Fluorobiphenyl
 Concen: 65.562 ng
 RT: 9.32 min Scan# 1188
 Delta R.T. -0.01 min
 Lab File: BF107644.D
 Acq: 25 Jul 2018 4:25

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.4	29.7	44.5
170	25.0	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

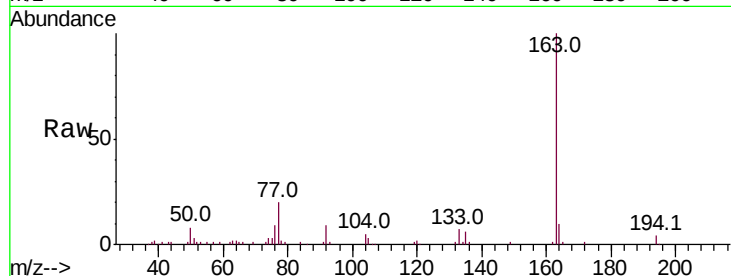




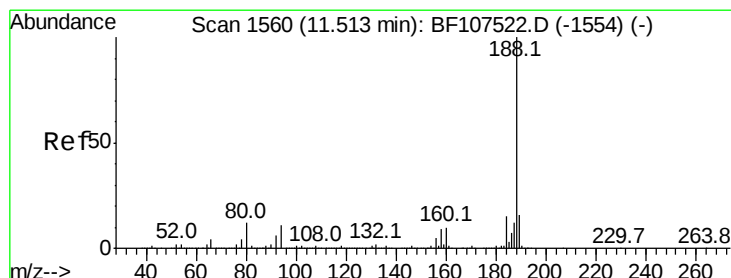
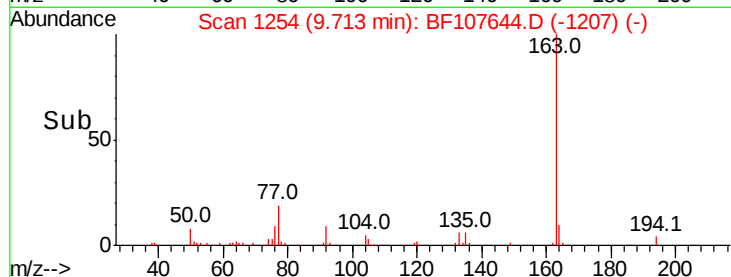
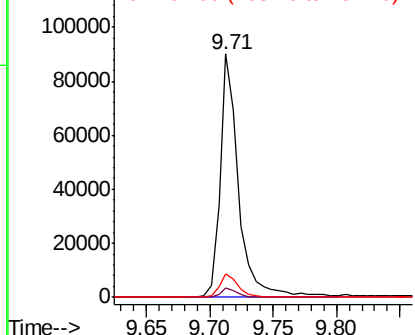
#49
Dimethylphthalate
Concen: 3.329 ng
RT: 9.71 min Scan# 1254
Delta R.T. -0.02 min
Lab File: BF107644.D
Acq: 25 Jul 2018 4:25

Instrument :
BNA_F
ClientSampleId :
ST-4

Tot Ion:163 Resp: 92425
Ion Ratio Lower Upper
163 100
194 4.0 2.7 4.1
164 9.9 8.2 12.2

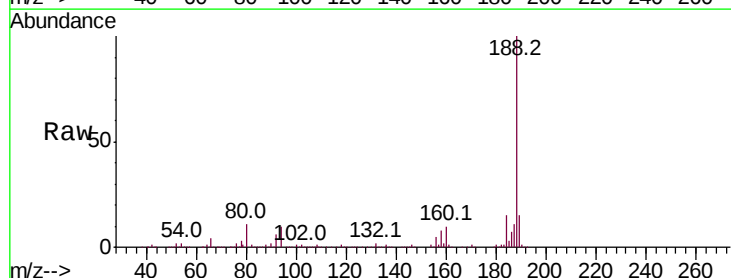


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

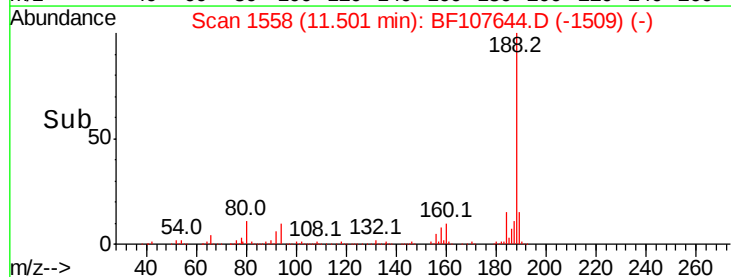
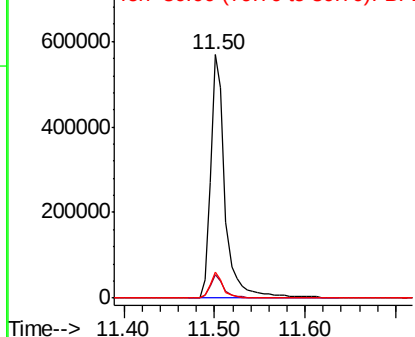


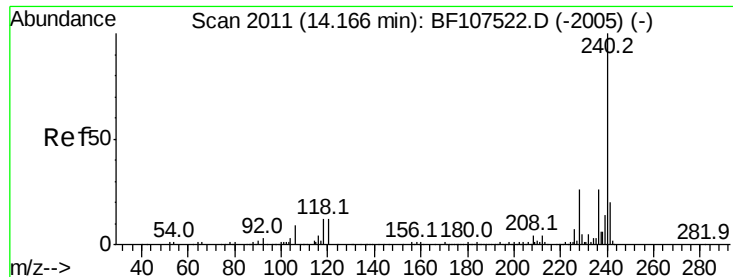
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1558
Delta R.T. -0.01 min
Lab File: BF107644.D
Acq: 25 Jul 2018 4:25

Tgt Ion:188 Resp: 641641
Ion Ratio Lower Upper
188 100
94 9.9 8.5 12.7
80 10.6 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. -0.01 min

Lab File: BF107644.D

Acq: 25 Jul 2018 4:25

Instrument :

BNA_F

ClientSampleId :

ST-4

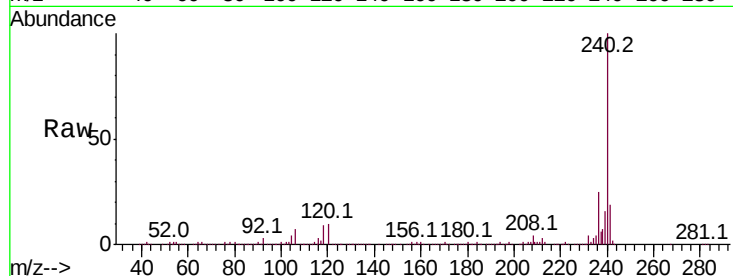
Tot Ion:240 Resp: 487015

Ion Ratio Lower Upper

240 100

120 10.0 9.5 14.3

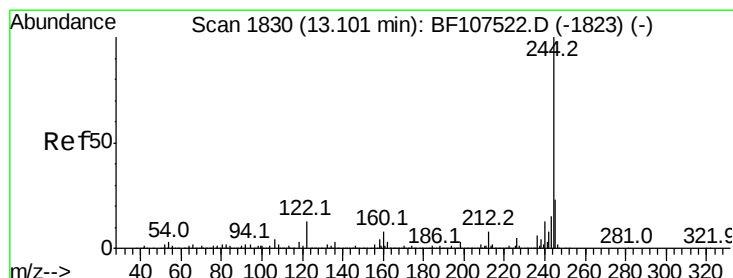
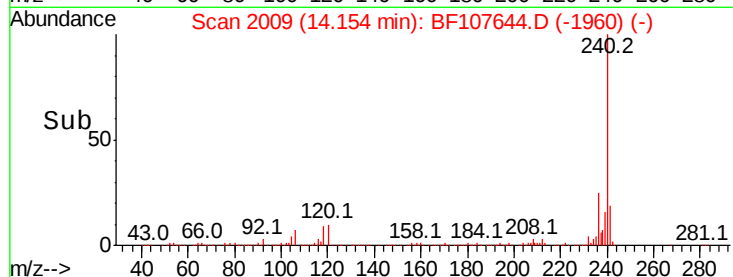
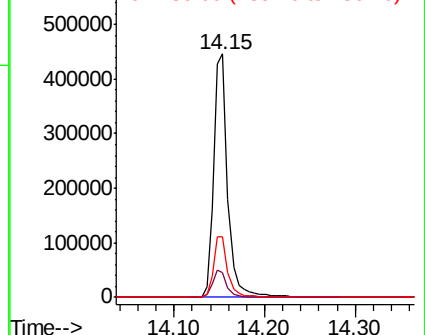
236 25.0 20.7 31.1



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: 60.389 ng

RT: 13.08 min Scan# 1827

Delta R.T. -0.02 min

Lab File: BF107644.D

Acq: 25 Jul 2018 4:25

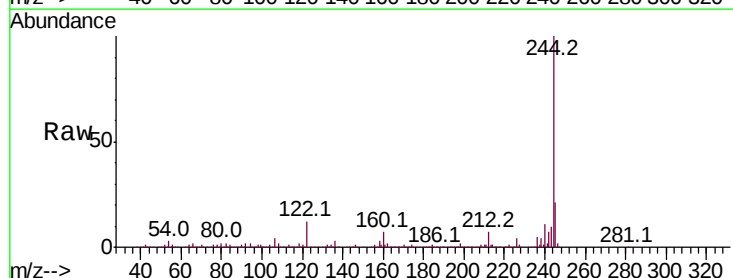
Tgt Ion:244 Resp: 1148801

Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.0

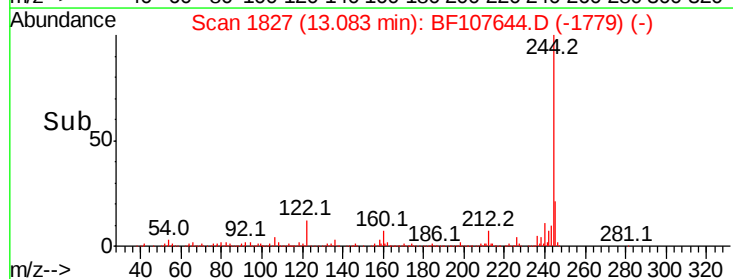
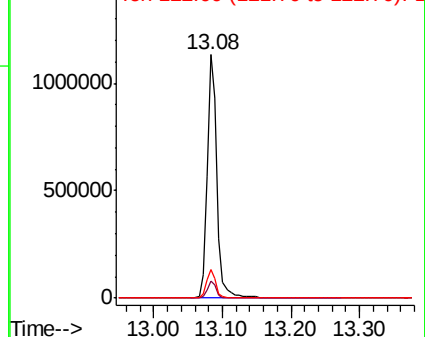
122 11.9 11.0 16.4

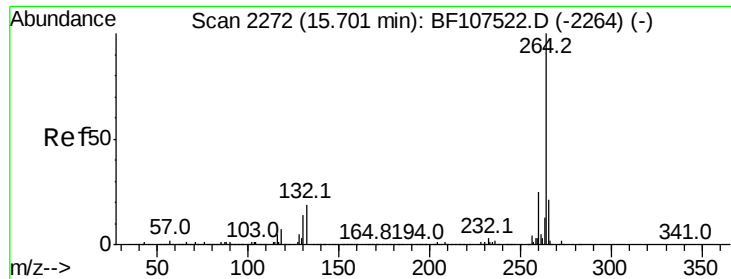


Abundance Ion 244.00 (243.70 to 244.70): E

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. -0.02 min
Lab File: BF107644.D
Acq: 25 Jul 2018 4:25

Instrument :
BNA_F
ClientSampleId :
ST-4

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.2	28.8
265	21.8	17.5	26.3

