

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071318\
 Data File : BF107395.D
 Acq On : 14 Jul 2018 4:54
 Operator : JU/SJ
 Sample : J3970-09
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 071118-TIPC-F-U-B

Quant Time: Jul 14 06:36:43 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 13 11:54:53 2018
 Response via : Initial Calibration

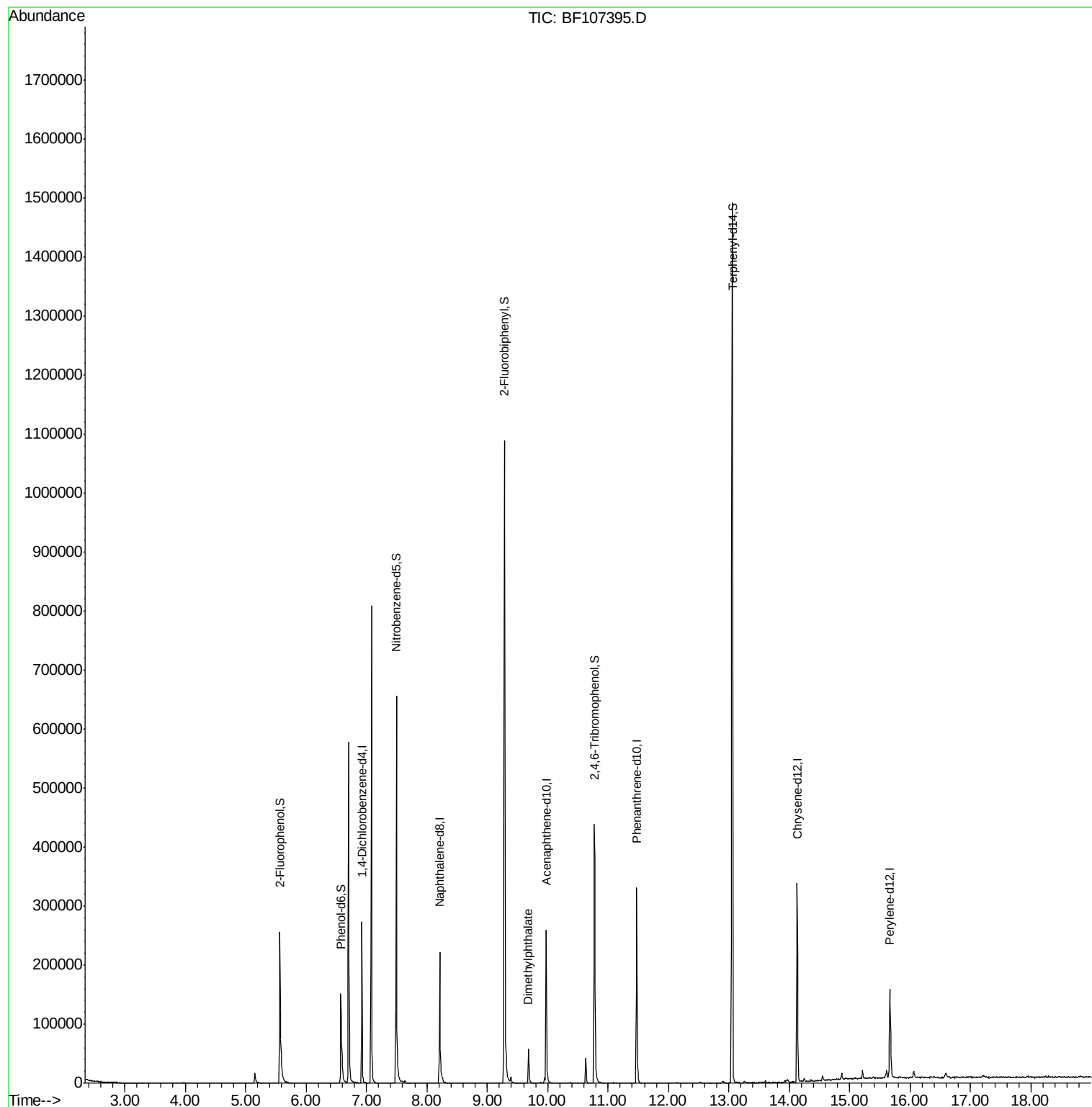
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.92	152	40748	20.00	ng	0.00
21) Naphthalene-d8	8.21	136	138504	20.00	ng	0.00
38) Acenaphthene-d10	9.98	164	67471	20.00	ng	0.00
63) Phenanthrene-d10	11.47	188	145504	20.00	ng	0.00
75) Chrysene-d12	14.13	240	135563	20.00	ng	0.00
86) Perylene-d12	15.67	264	93909	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.57	112	106959	44.45	ng	0.00
7) Phenol-d6	6.58	99	75740	25.20	ng	0.00
23) Nitrobenzene-d5	7.50	82	234906	94.25	ng	0.00
41) 2,4,6-Tribromophenol	10.78	330	78376	100.22	ng	0.00
44) 2-Fluorobiphenyl	9.28	172	424483	111.00	ng	0.00
78) Terphenyl-d14	13.06	244	638046	114.01	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.68	163	32232	6.369	ng	99

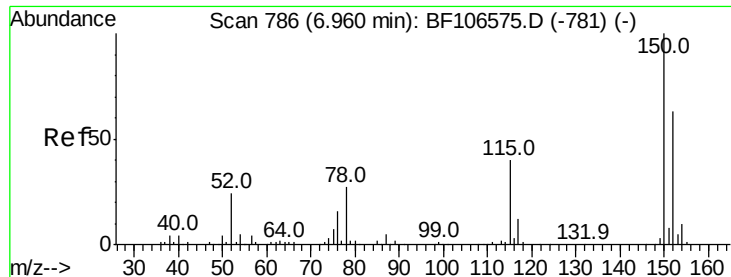
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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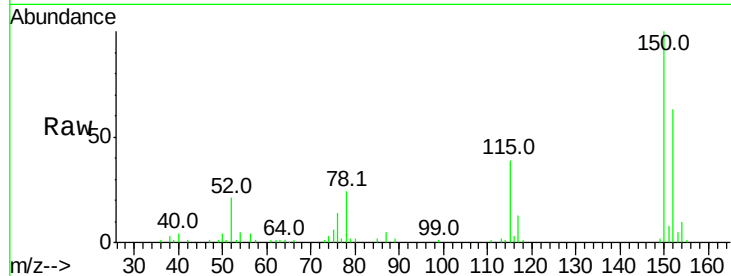


#1

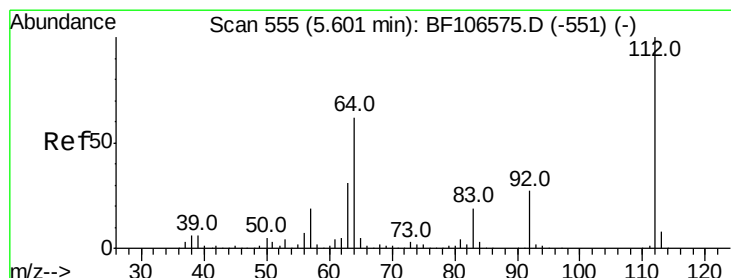
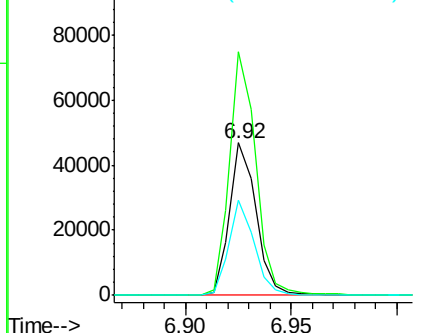
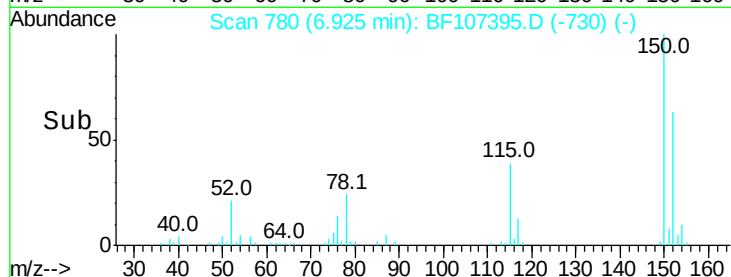
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.92 min Scan# 780
 Delta R.T. -0.01 min
 Lab File: BF107395.D
 Acq: 14 Jul 2018 4:54

Instrument :
 BNA_F
 ClientSampleId :
 071118-TIPC-F-U-B

Tot Ion:152 Resp: 40748
 Ion Ratio Lower Upper
 152 100
 150 159.7 124.6 186.8
 115 62.4 50.1 75.1



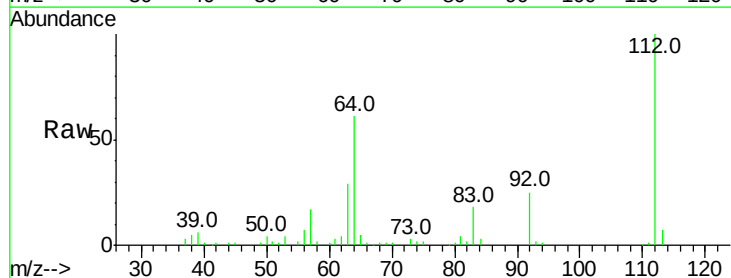
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



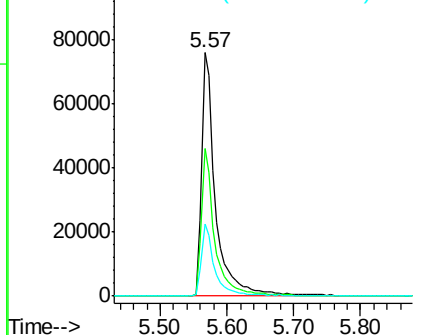
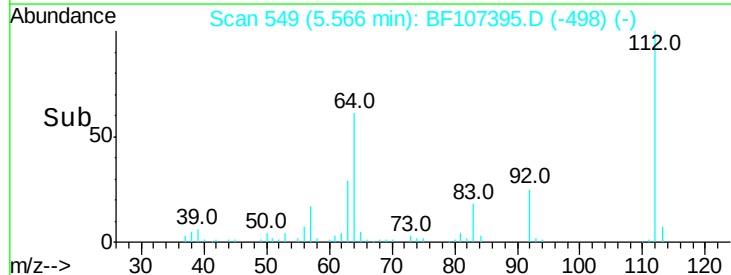
#5

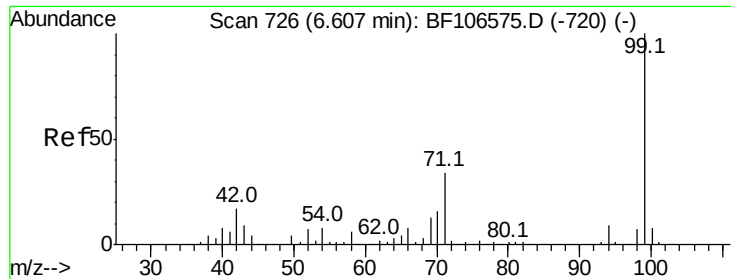
2-Fluorophenol
 Concen: 44.448 ng
 RT: 5.57 min Scan# 549
 Delta R.T. 0.00 min
 Lab File: BF107395.D
 Acq: 14 Jul 2018 4:54

Tgt Ion:112 Resp: 106959
 Ion Ratio Lower Upper
 112 100
 64 60.5 47.9 71.9
 63 29.4 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: 25.204 ng

RT: 6.58 min Scan# 721

Delta R.T. 0.00 min

Lab File: BF107395.D

Acq: 14 Jul 2018 4:54

Instrument :

BNA_F

ClientSampleId :

071118-TIPC-F-U-B

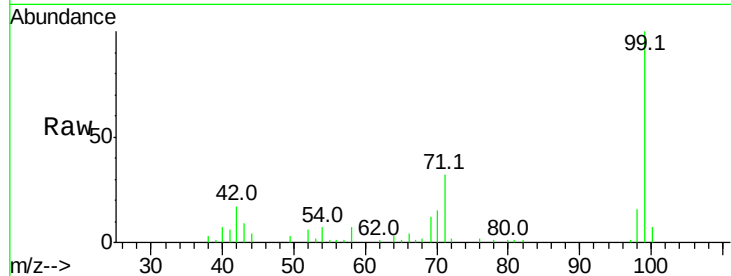
Tot Ion: 99 Resp: 75740

Ion Ratio Lower Upper

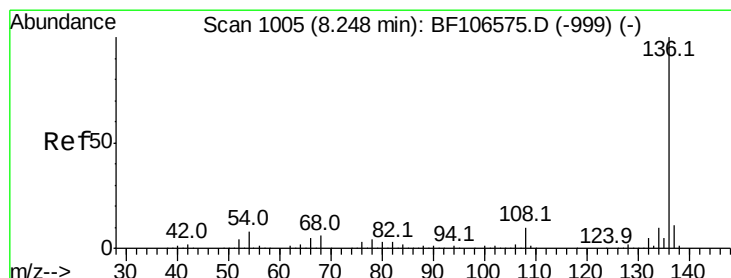
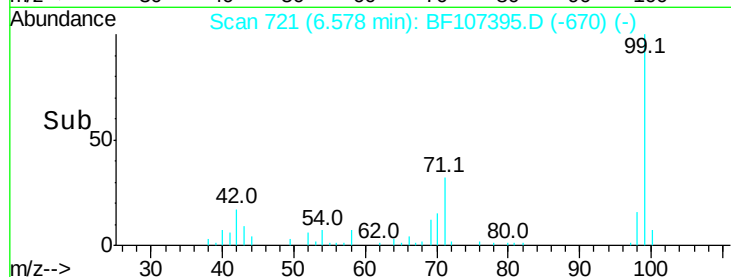
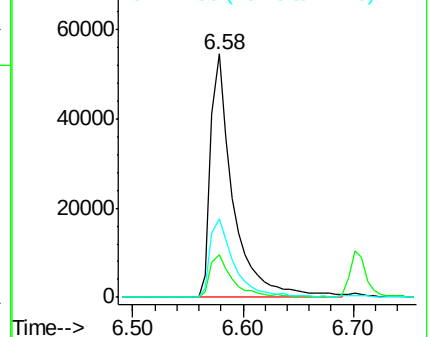
99 100

42 17.4 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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.21 min Scan# 999

Delta R.T. 0.00 min

Lab File: BF107395.D

Acq: 14 Jul 2018 4:54

Tgt Ion: 136 Resp: 138504

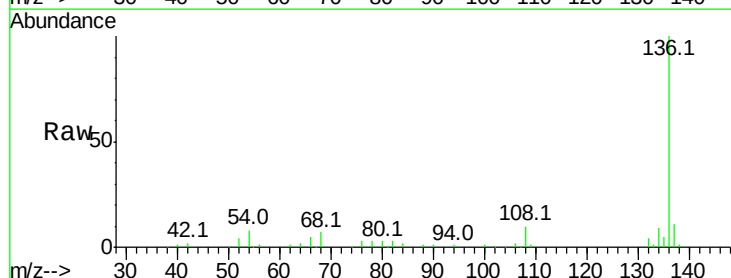
Ion Ratio Lower Upper

136 100

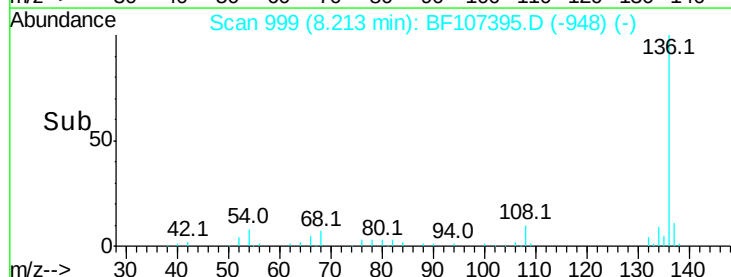
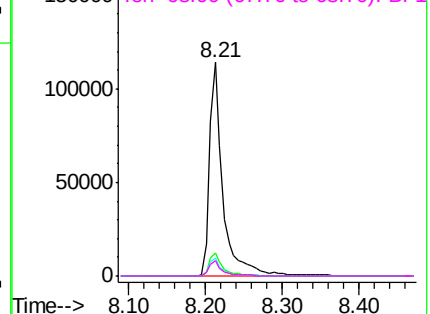
137 10.5 8.9 13.3

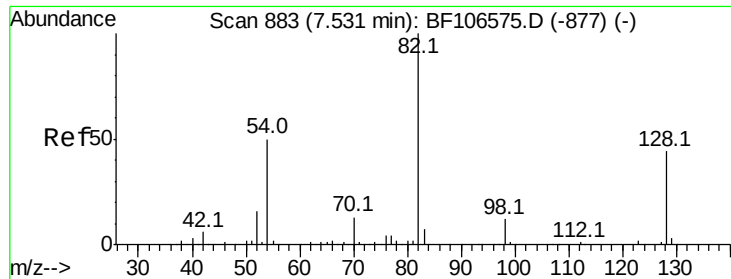
54 8.1 6.6 9.8

68 7.0 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

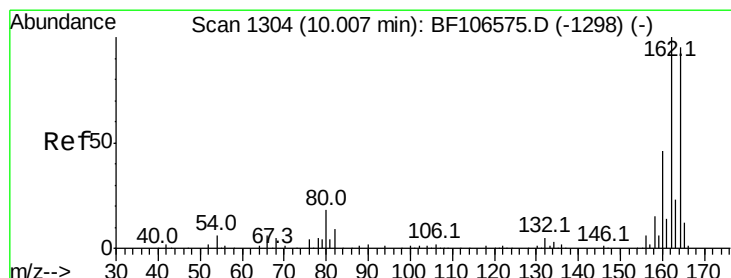
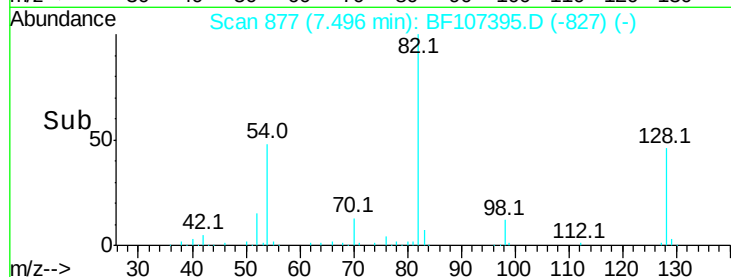
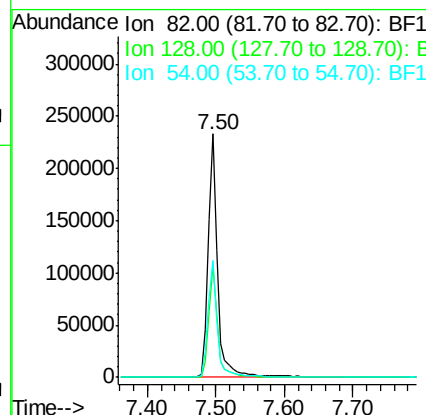
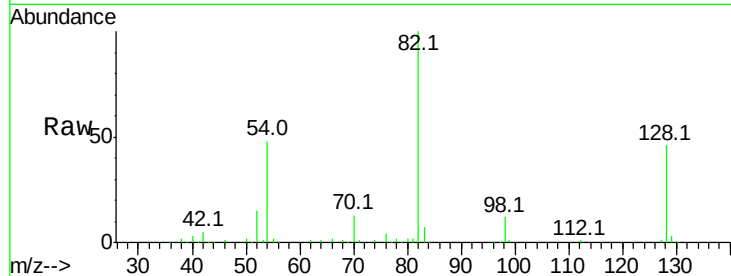




#23
 Nitrobenzene-d5
 Concen: 94.254 ng
 RT: 7.50 min Scan# 877
 Delta R.T. -0.01 min
 Lab File: BF107395.D
 Acq: 14 Jul 2018 4:54

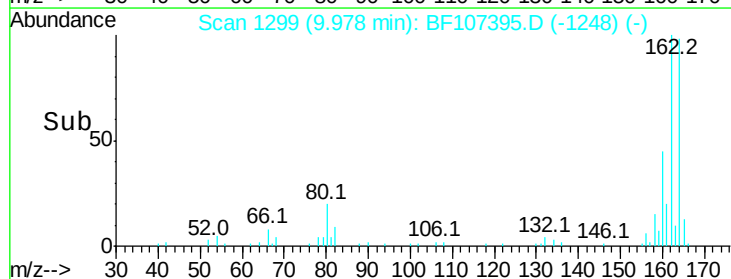
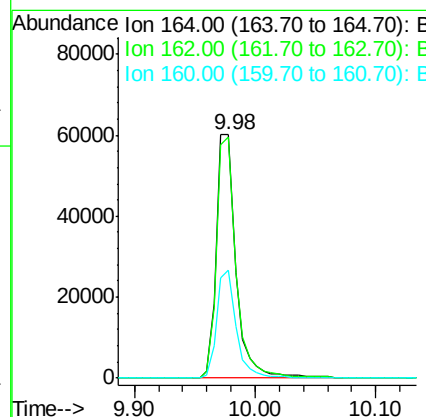
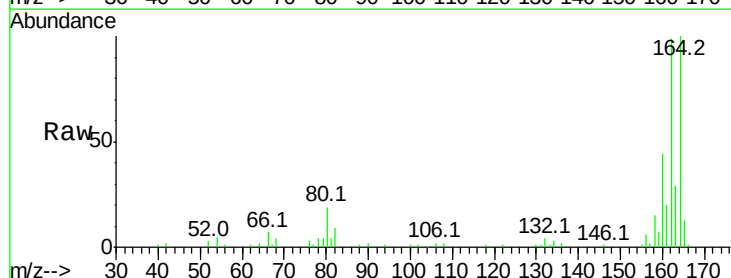
Instrument :
 BNA_F
 ClientSampleId :
 071118-TIPC-F-U-B

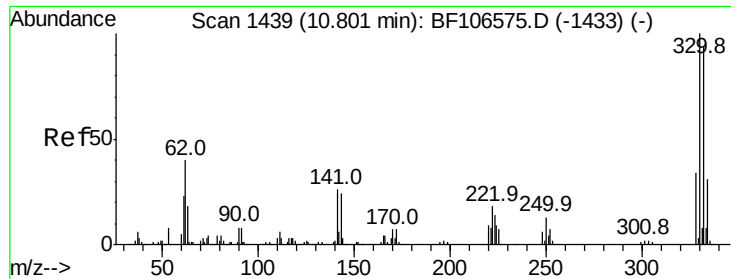
Tot Ion	82	Resp	234906
Ion Ratio	Lower	Upper	
82	100		
128	45.8	36.1	54.1
54	48.2	41.4	62.2



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.98 min Scan# 1299
 Delta R.T. 0.00 min
 Lab File: BF107395.D
 Acq: 14 Jul 2018 4:54

Tgt Ion	164	Resp	67471
Ion Ratio	Lower	Upper	
164	100		
162	99.1	86.1	129.1
160	44.2	38.3	57.5

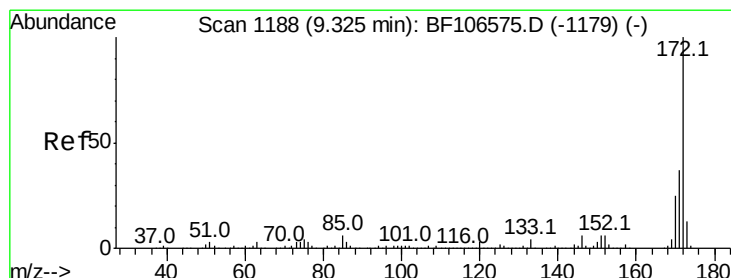
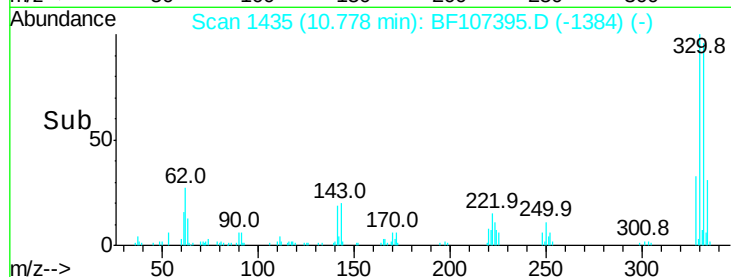
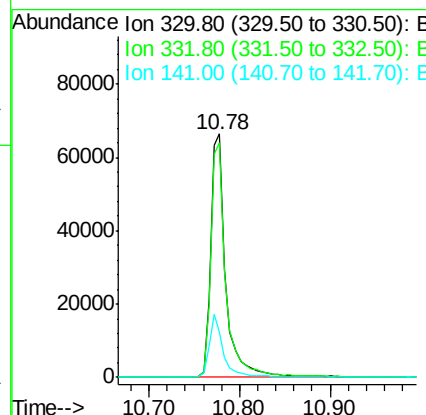
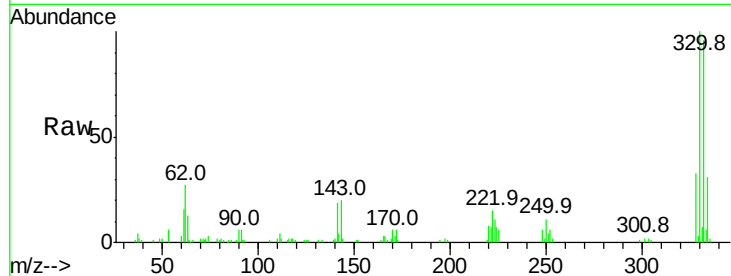




#41
 2,4,6-Tribromophenol
 Concen: 100.224 ng
 RT: 10.78 min Scan# 1435
 Delta R.T. 0.00 min
 Lab File: BF107395.D
 Acq: 14 Jul 2018 4:54

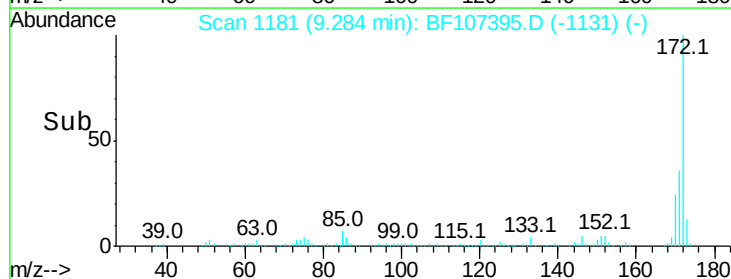
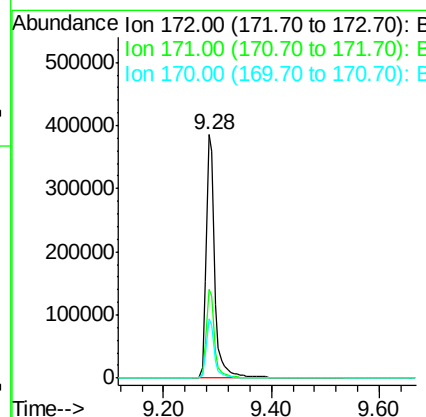
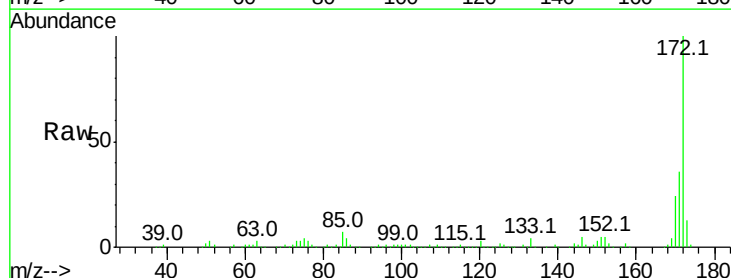
Instrument :
 BNA_F
 ClientSampleId :
 071118-TIPC-F-U-B

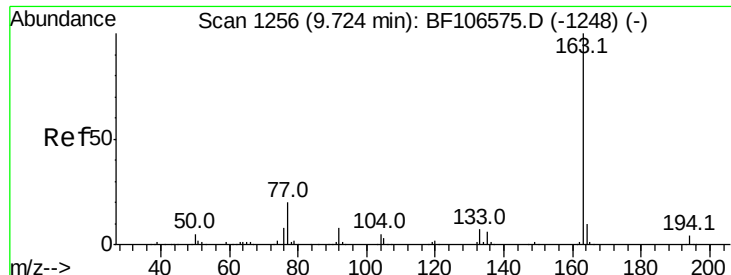
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.6	77.0	115.6
141	23.6	29.9	44.9#



#44
 2-Fluorobiphenyl
 Concen: 111.001 ng
 RT: 9.28 min Scan# 1181
 Delta R.T. -0.01 min
 Lab File: BF107395.D
 Acq: 14 Jul 2018 4:54

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.7	44.5
170	24.2	19.6	29.4





#49

Dimethylphthalate

Concen: 6.369 ng

RT: 9.68 min Scan# 1249

Delta R.T. -0.01 min

Lab File: BF107395.D

Acq: 14 Jul 2018 4:54

Instrument :

BNA_F

ClientSampleId :

071118-TIPC-F-U-B

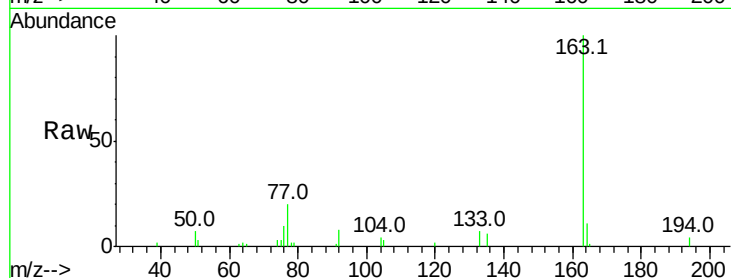
Tot Ion:163 Resp: 32232

Ion Ratio Lower Upper

163 100

194 3.6 2.7 4.1

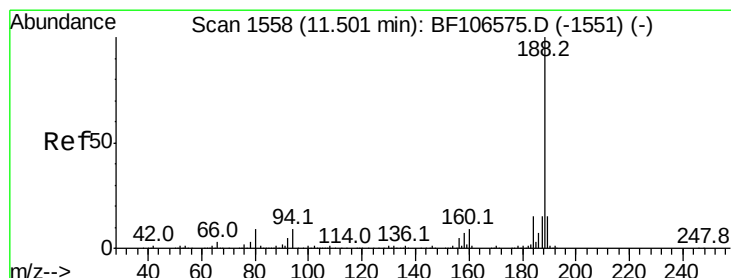
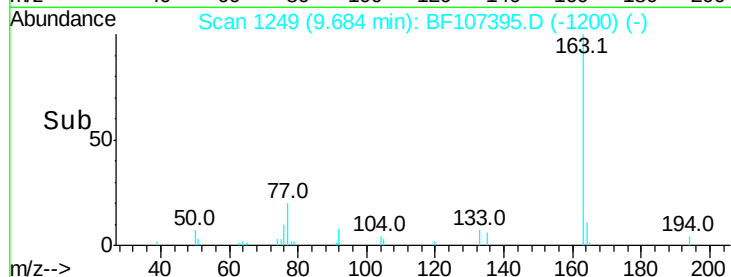
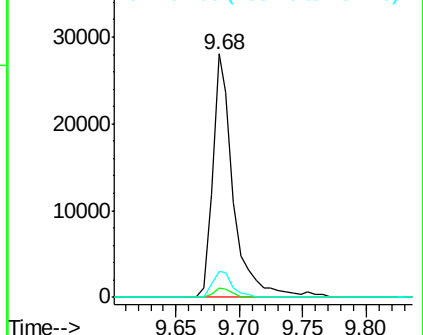
164 10.8 8.2 12.2



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: 11.47 min Scan# 1553

Delta R.T. -0.01 min

Lab File: BF107395.D

Acq: 14 Jul 2018 4:54

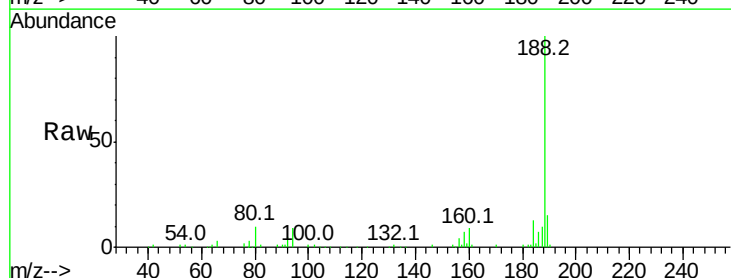
Tgt Ion:188 Resp: 145504

Ion Ratio Lower Upper

188 100

94 8.9 8.5 12.7

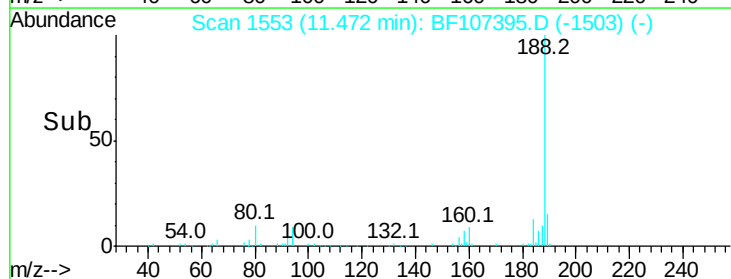
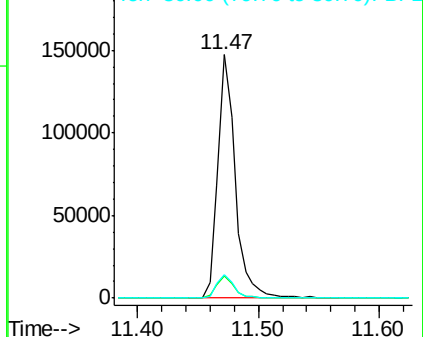
80 9.6 9.2 13.8

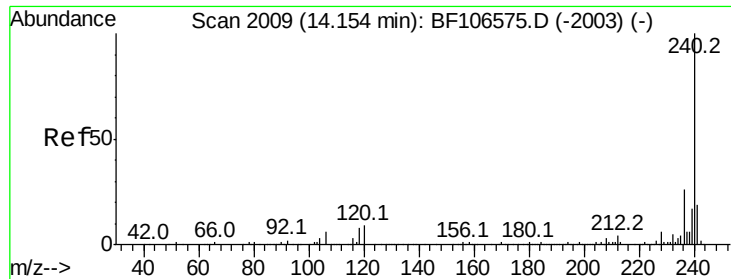


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

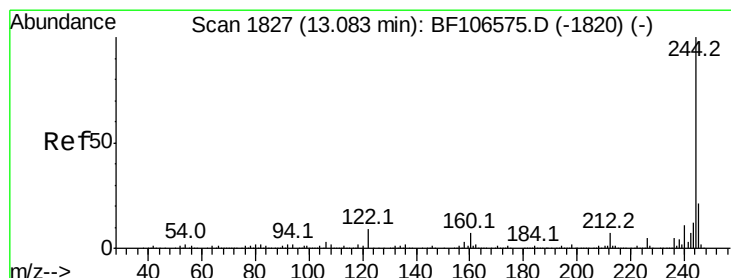
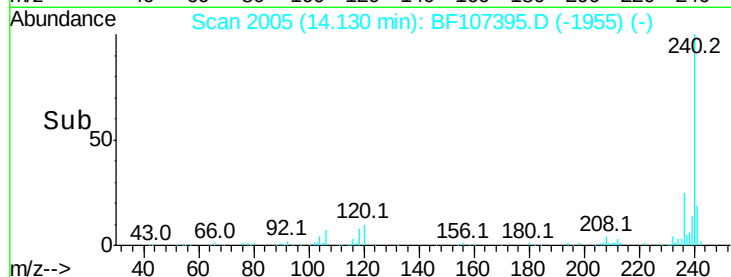
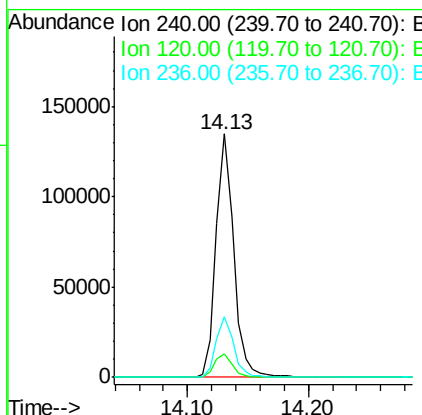
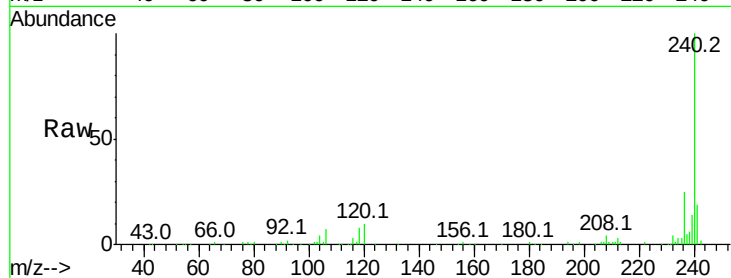




#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.13 min Scan# 2005
 Delta R.T. -0.01 min
 Lab File: BF107395.D
 Acq: 14 Jul 2018 4:54

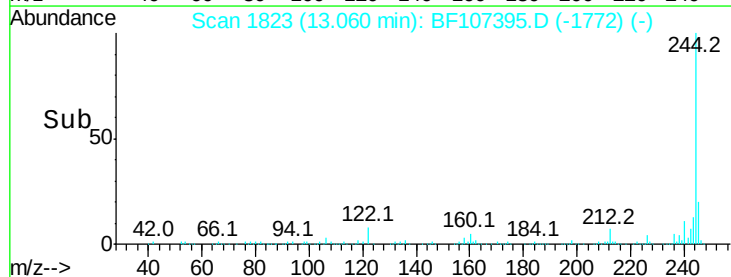
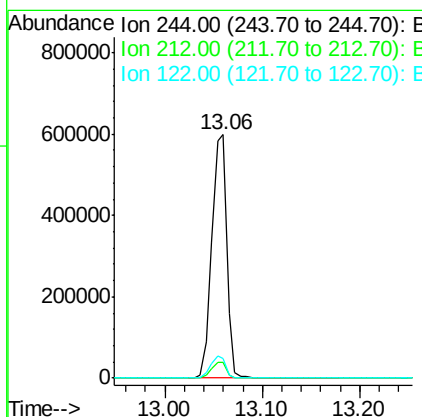
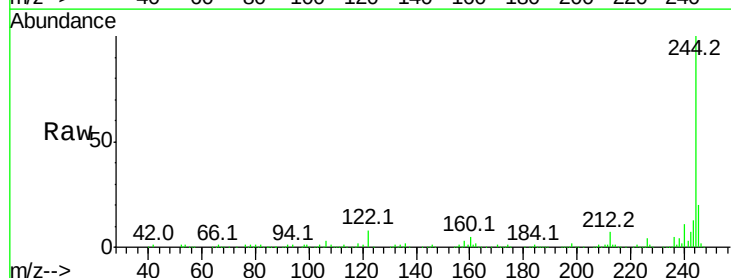
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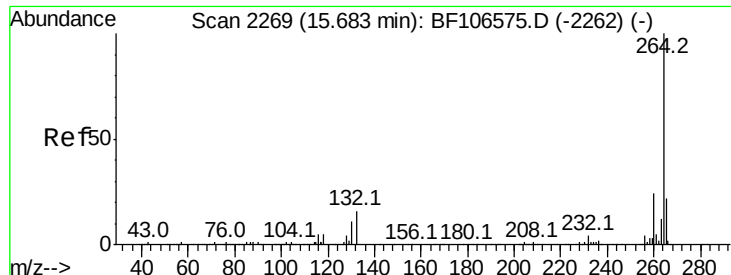
Tot Ion:240 Resp: 135563
 Ion Ratio Lower Upper
 240 100
 120 9.6 9.5 14.3
 236 24.9 20.7 31.1



#78
 Terphenyl-d14
 Concen: 114.009 ng
 RT: 13.06 min Scan# 1823
 Delta R.T. 0.00 min
 Lab File: BF107395.D
 Acq: 14 Jul 2018 4:54

Tgt Ion:244 Resp: 638046
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.4 8.0
 122 8.0 11.0 16.4#

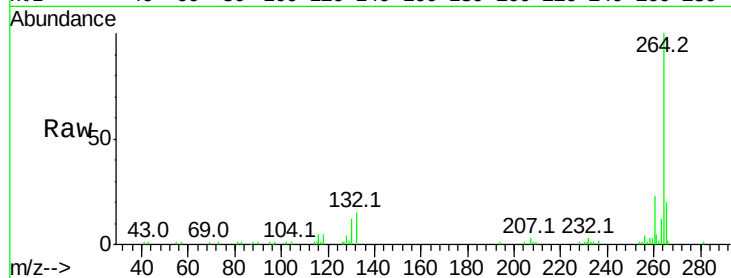




#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.67 min Scan# 2266
Delta R.T. 0.00 min
Lab File: BF107395.D
Acq: 14 Jul 2018 4:54

Instrument :
BNA_F
ClientSampleId :
071118-TIPC-F-U-B

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.8	19.2	28.8
265	20.1	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

