

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF031618\
 Data File : BF103735.D
 Acq On : 17 Mar 2018 11:11
 Operator : JU/SJ
 Sample : J1938-08
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CS-2

Quant Time: Mar 19 08:28:22 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF031518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 15 18:31:53 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	148946	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	590645	20.00	ng	0.00
38) Acenaphthene-d10	10.01	164	243650	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	339270	20.00	ng	0.00
75) Chrysene-d12	14.15	240	270707	20.00	ng	0.00
86) Perylene-d12	15.69	264	205679	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	1204046	122.95	ng	0.03
7) Phenol-d6	6.60	99	1340124	111.86	ng	0.01
23) Nitrobenzene-d5	7.53	82	989596	116.84	ng	0.00
41) 2,4,6-Tribromophenol	10.80	330	283058	135.12	ng	0.00
44) 2-Fluorobiphenyl	9.33	172	1552466	101.64	ng	0.00
78) Terphenyl-d14	13.09	244	1119903	96.02	ng	0.00

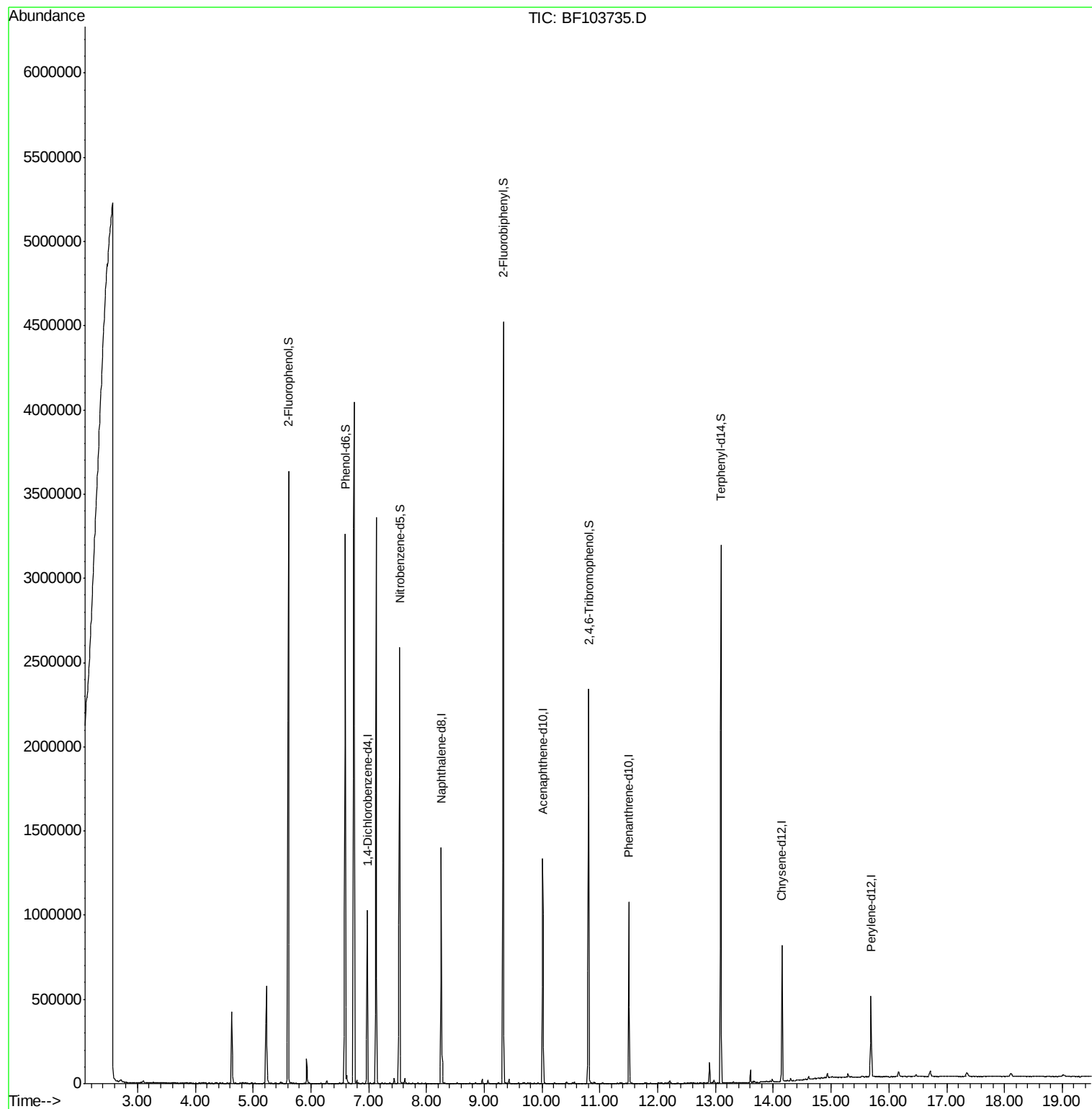
Target Compounds Qvalue

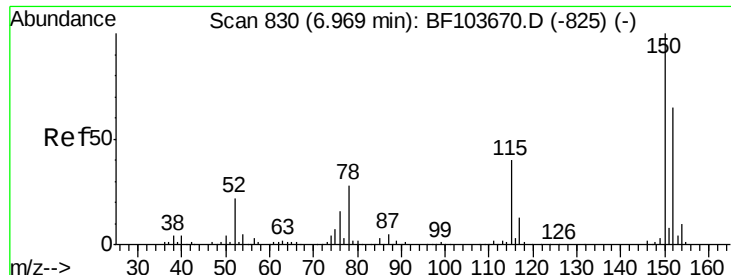
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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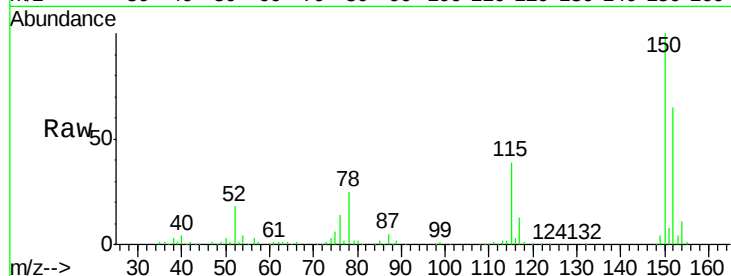


#1

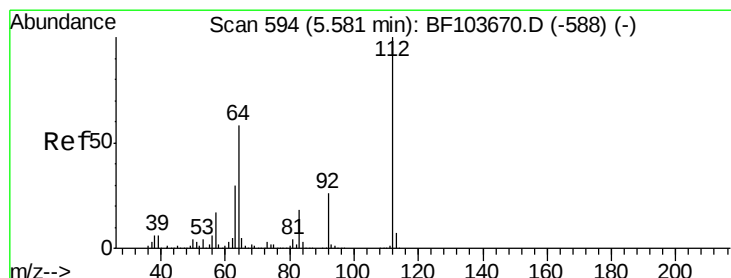
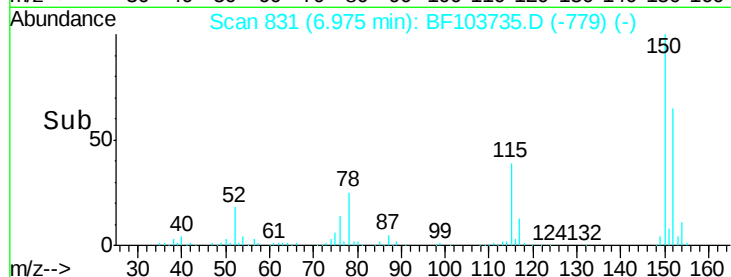
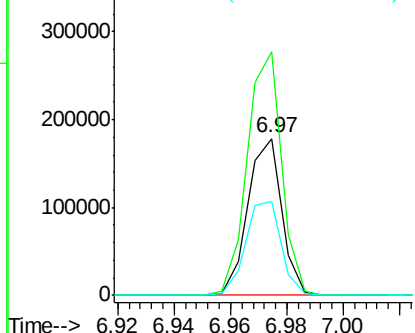
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 831
Delta R.T. 0.01 min
Lab File: BF103735.D
Acq: 17 Mar 2018 11:11

Instrument :
BNA_F
ClientSampleId :
CS-2

Tot Ion:152 Resp: 148946
Ion Ratio Lower Upper
152 100
150 155.0 124.6 186.8
115 60.1 50.1 75.1



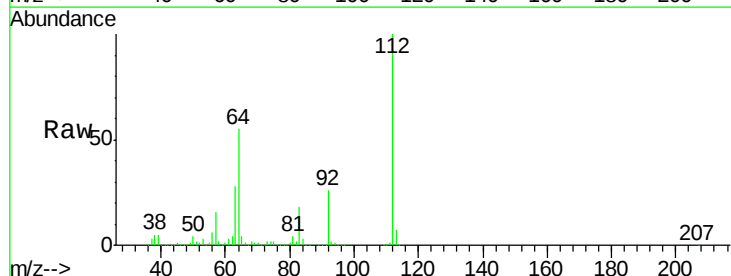
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



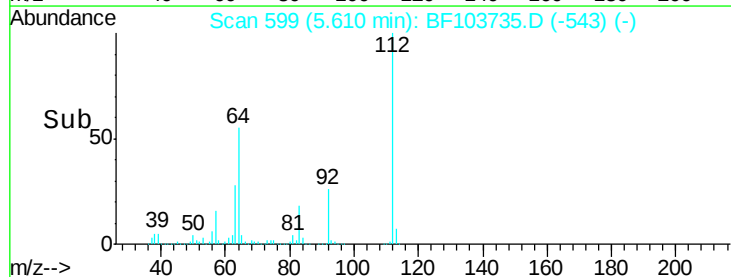
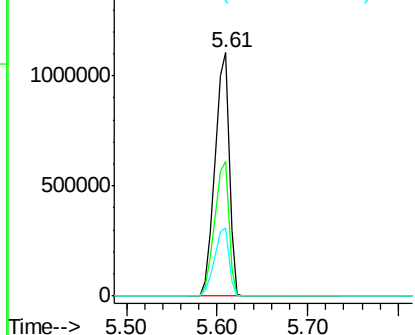
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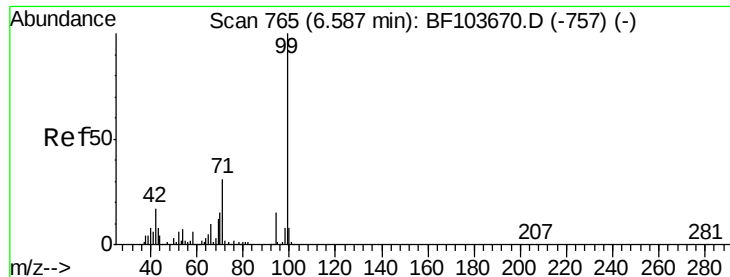
2-Fluorophenol
Concen: 122.954 ng
RT: 5.61 min Scan# 599
Delta R.T. 0.03 min
Lab File: BF103735.D
Acq: 17 Mar 2018 11:11

Tgt Ion:112 Resp: 1204046
Ion Ratio Lower Upper
112 100
64 55.2 47.9 71.9
63 28.3 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: 111.857 ng

RT: 6.60 min Scan# 767

Delta R.T. 0.01 min

Lab File: BF103735.D

Acq: 17 Mar 2018 11:11

Instrument :

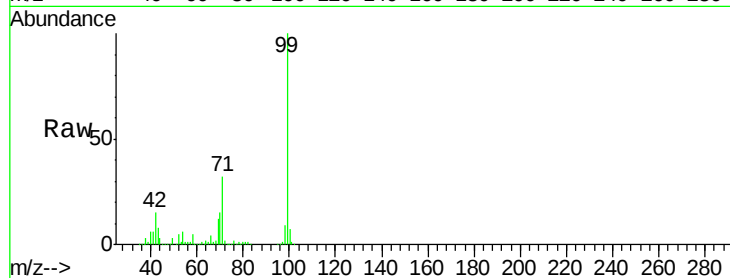
BNA_F

ClientSampleId :

CS-2

Tot Ion: 99 Resp: 1340124

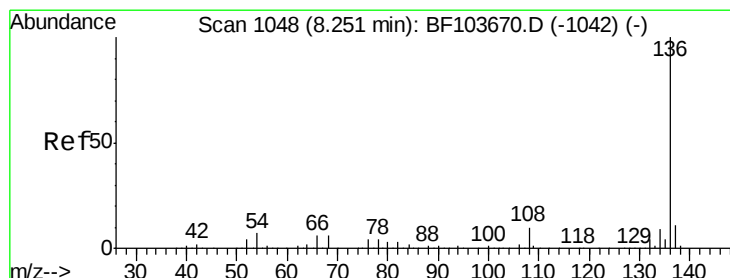
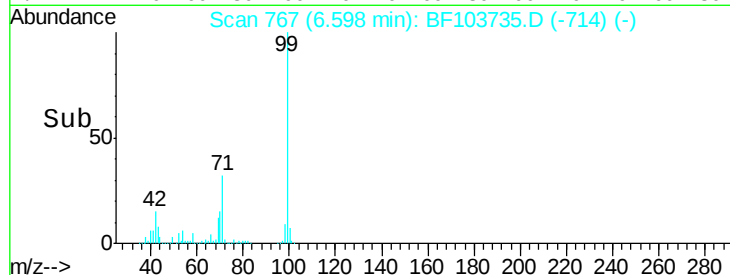
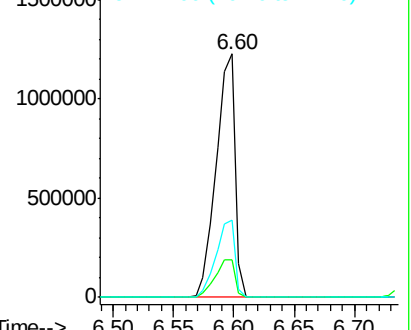
Ion	Ratio	Lower	Upper
99	100		
42	15.4	14.5	21.7
71	31.6	25.4	38.0



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# 1048

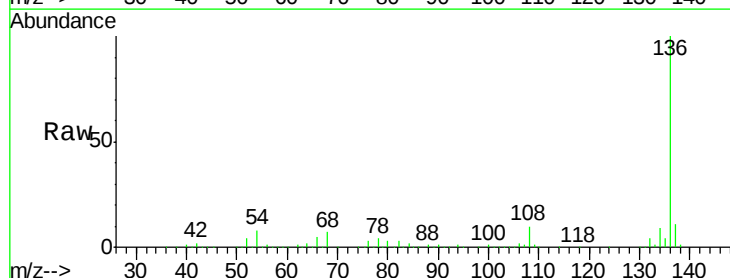
Delta R.T. -0.00 min

Lab File: BF103735.D

Acq: 17 Mar 2018 11:11

Tgt Ion: 136 Resp: 590645

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.9	13.3
54	7.6	6.6	9.8
68	6.5	5.0	7.4

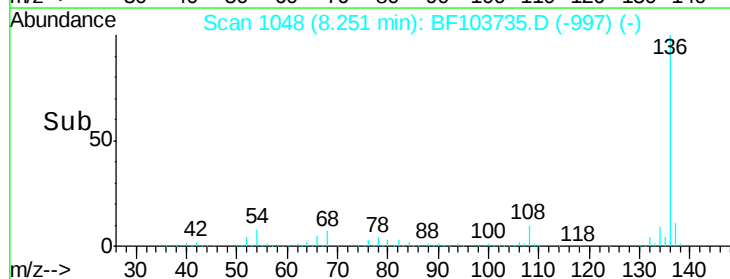
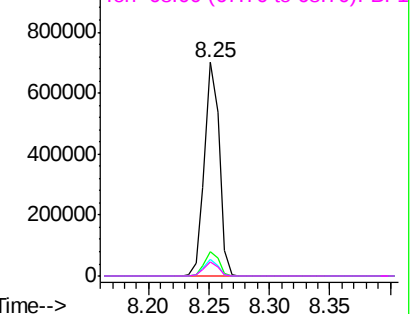


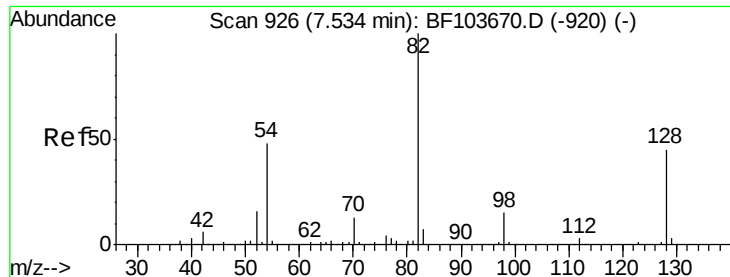
Abundance Ion 136.00 (135.70 to 136.70): E

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: 116.839 ng

RT: 7.53 min Scan# 926

Delta R.T. -0.00 min

Lab File: BF103735.D

Acq: 17 Mar 2018 11:11

Instrument :

BNA_F

ClientSampleId :

CS-2

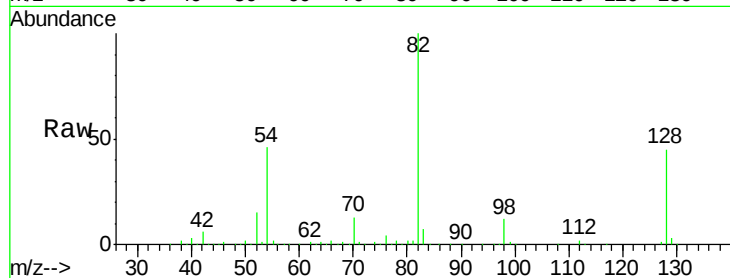
Tot Ion: 82 Resp: 989596

Ion Ratio Lower Upper

82 100

128 45.3 36.1 54.1

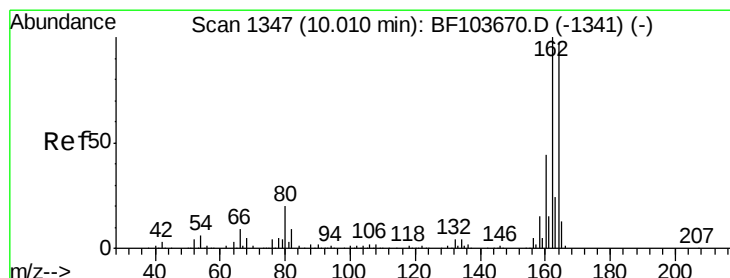
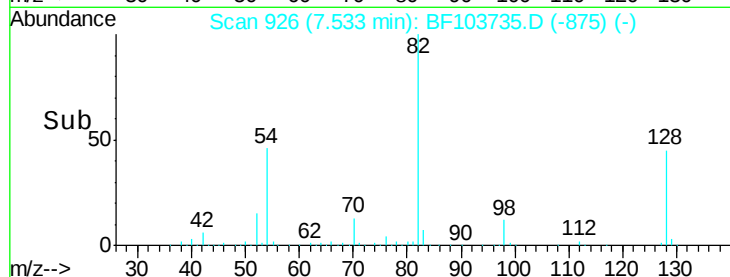
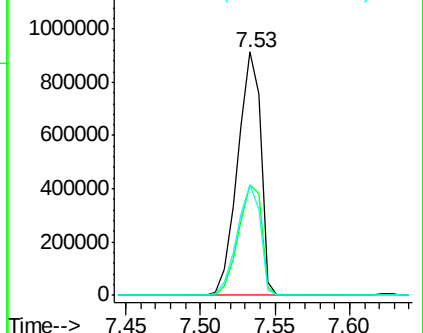
54 45.6 41.4 62.2



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): BF1

Ion 54.00 (53.70 to 54.70): BF1



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.01 min Scan# 1347

Delta R.T. -0.00 min

Lab File: BF103735.D

Acq: 17 Mar 2018 11:11

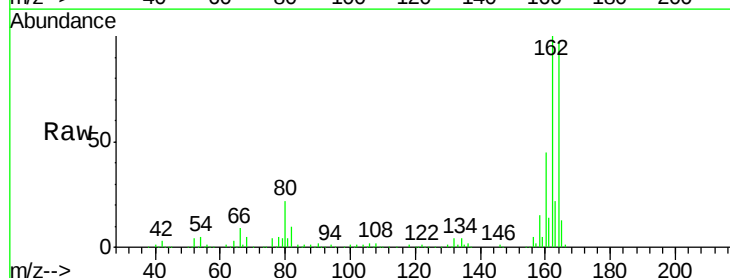
Tgt Ion:164 Resp: 243650

Ion Ratio Lower Upper

164 100

162 103.1 86.1 129.1

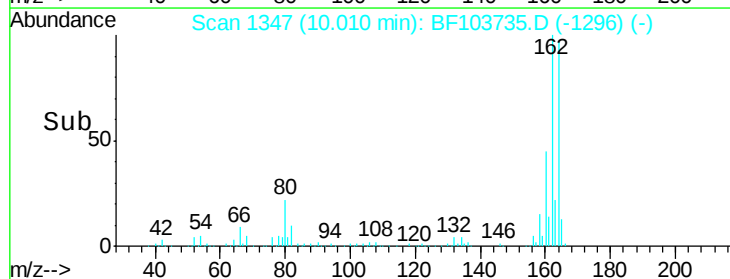
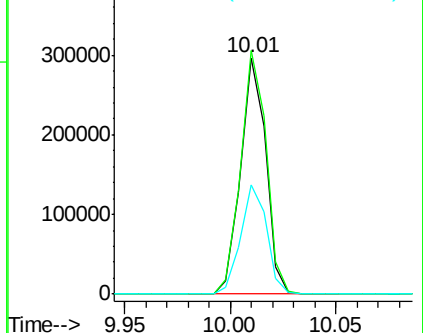
160 46.1 38.3 57.5

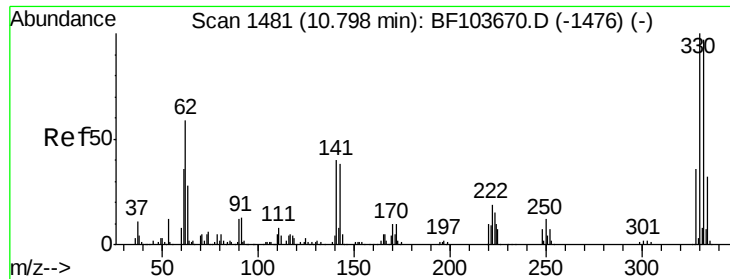


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

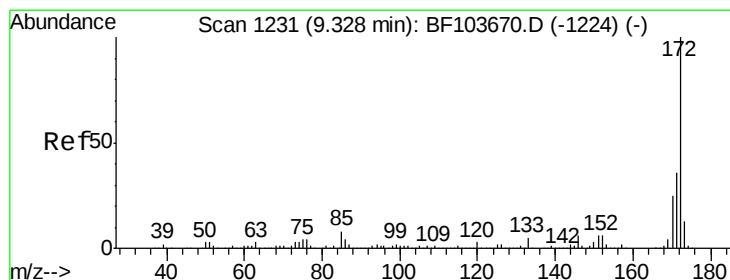
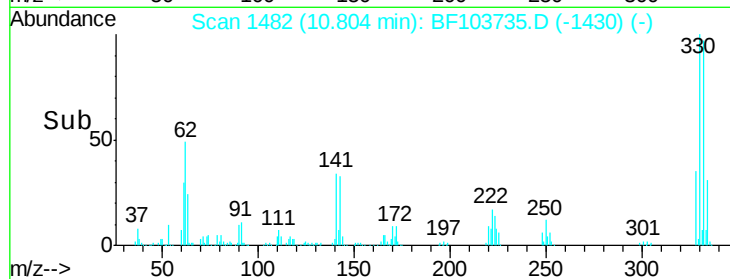
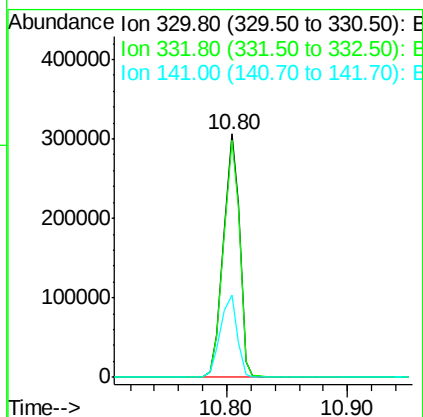
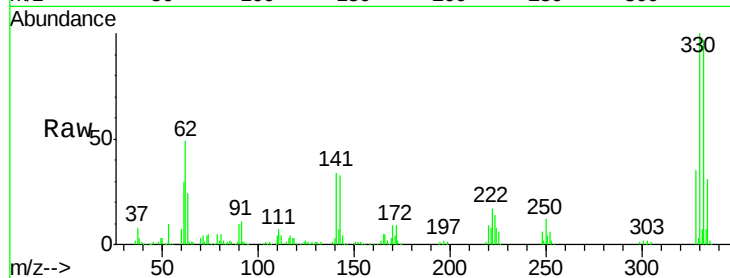




#41
 2,4,6-Tribromophenol
 Concen: 135.117 ng
 RT: 10.80 min Scan# 1482
 Delta R.T. 0.01 min
 Lab File: BF103735.D
 Acq: 17 Mar 2018 11:11

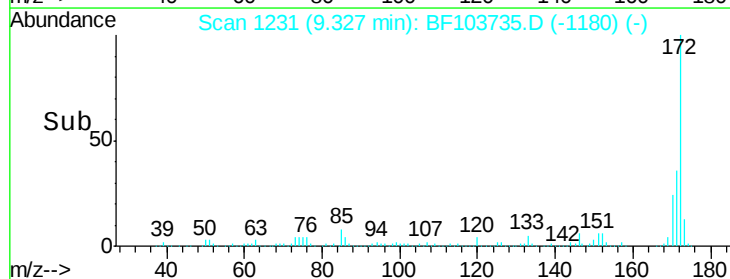
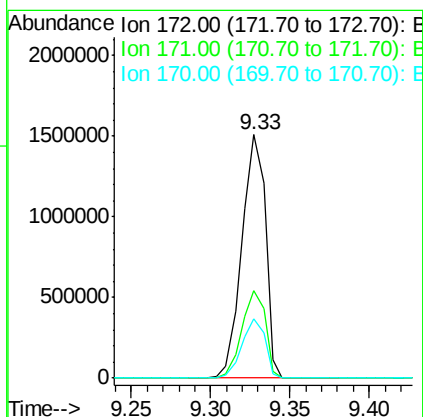
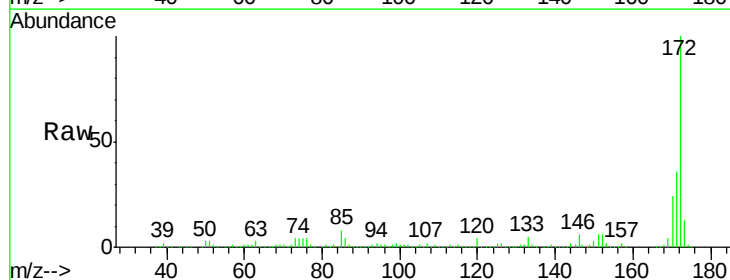
Instrument :
 BNA_F
 ClientSampleId :
 CS-2

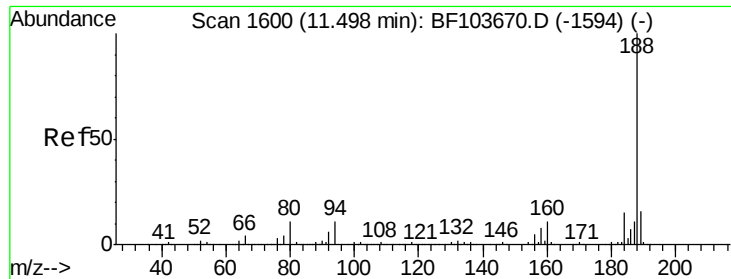
Tot Ion	Ratio	Lower	Upper
330	100		
332	97.4	77.0	115.6
141	34.9	29.9	44.9



#44
 2-Fluorobiphenyl
 Concen: 101.638 ng
 RT: 9.33 min Scan# 1231
 Delta R.T. 0.00 min
 Lab File: BF103735.D
 Acq: 17 Mar 2018 11:11

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.7	44.5
170	24.2	19.6	29.4

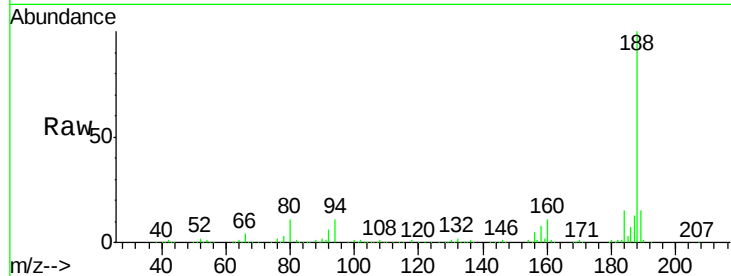




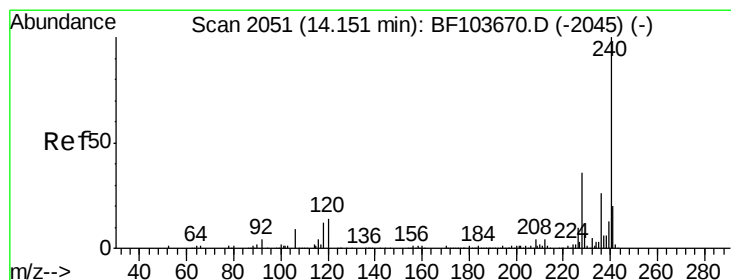
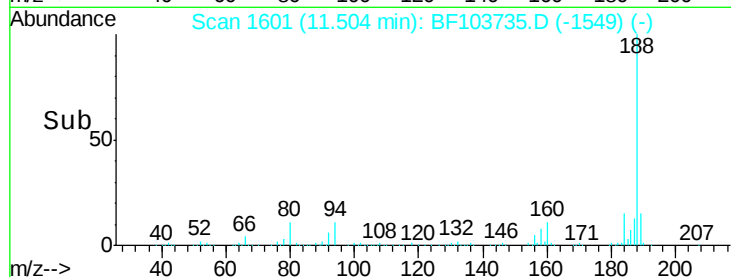
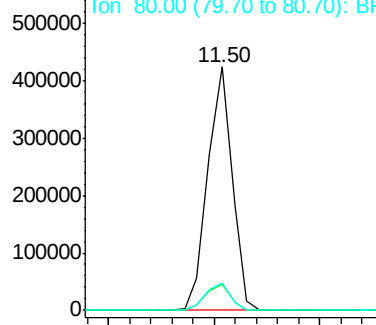
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1601
Delta R.T. 0.01 min
Lab File: BF103735.D
Acq: 17 Mar 2018 11:11

Instrument :
BNA_F
ClientSampled :
CS-2

Tot Ion:188 Resp: 339270
Ion Ratio Lower Upper
188 100
94 10.7 8.5 12.7
80 11.4 9.2 13.8

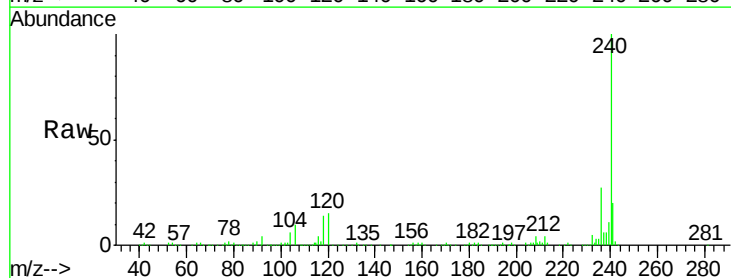


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

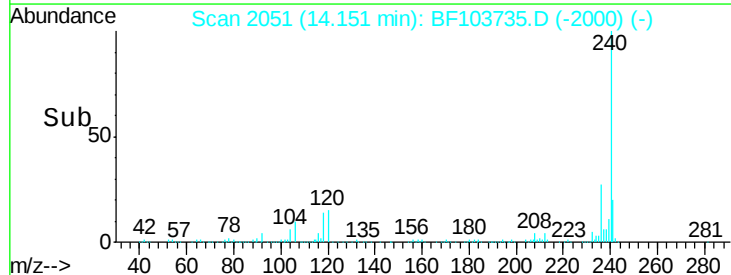
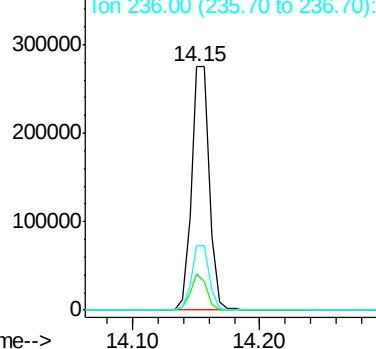


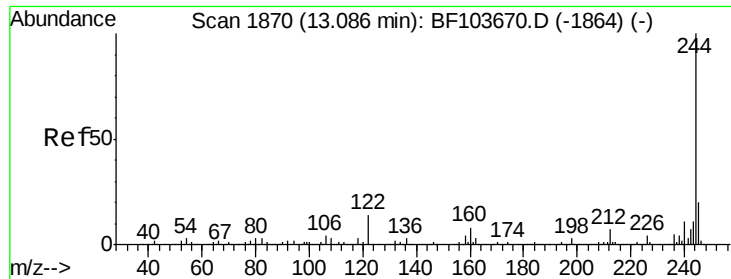
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.15 min Scan# 2051
Delta R.T. -0.00 min
Lab File: BF103735.D
Acq: 17 Mar 2018 11:11

Tgt Ion:240 Resp: 270707
Ion Ratio Lower Upper
240 100
120 15.1 9.5 14.3#
236 26.6 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



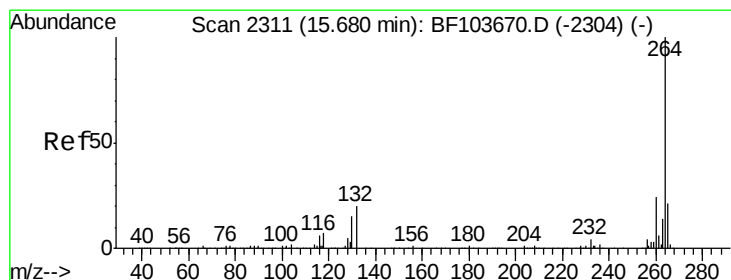
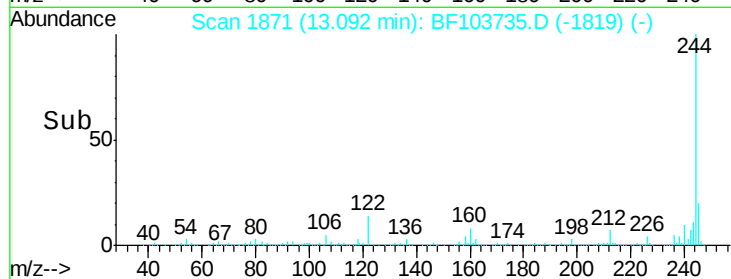
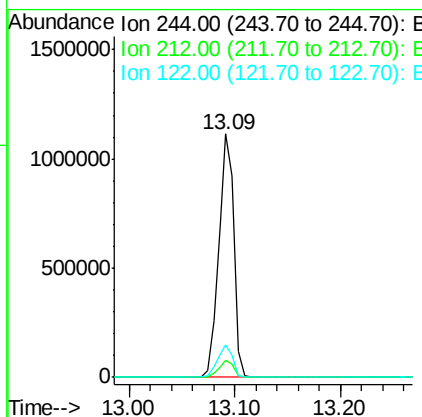
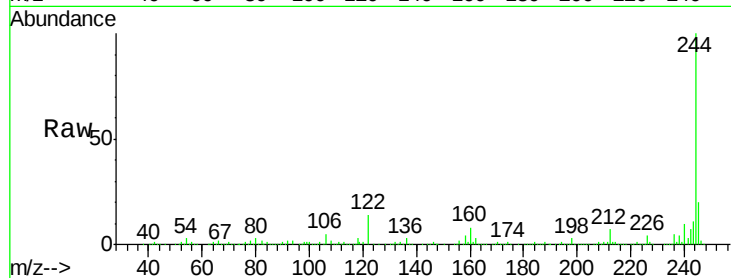


#78
 Terphenyl-d14
 Concen: 96.025 ng
 RT: 13.09 min Scan# 1871
 Delta R.T. 0.01 min
 Lab File: BF103735.D
 Acq: 17 Mar 2018 11:11

Instrument :
 BNA_F
 ClientSampleId :
 CS-2

Tot Ion:244 Resp: 1119903

Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.4	8.0
122	13.6	11.0	16.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.69 min Scan# 2313
 Delta R.T. 0.01 min
 Lab File: BF103735.D
 Acq: 17 Mar 2018 11:11

Tgt Ion:264 Resp: 205679

Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.2	28.8
265	21.4	17.5	26.3

