

Data Path : Z:\HPCHEM1\BNA F\DATA\BF071917\
 Data File : BF096870.D
 Acq On : 19 Jul 2017 15:19
 Operator : SJ/JU
 Sample : I4199-09
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 3569-SPP4

Quant Time: Jul 19 18:50:46 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF071317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 18 13:33:22 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.59	152	102024	20.00	ng	-0.01
21) Naphthalene-d8	7.87	136	423453	20.00	ng	-0.02
38) Acenaphthene-d10	9.62	164	192465	20.00	ng	-0.02
63) Phenanthrene-d10	11.09	188	332460	20.00	ng	-0.01
75) Chrysene-d12	13.72	240	257340	20.00	ng	-0.02
86) Perylene-d12	15.09	264	186533	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.19	112	326853	48.17	ng	-0.01
7) Phenol-d6	6.23	99	239528	29.42	ng	-0.02
23) Nitrobenzene-d5	7.15	82	583973	85.42	ng	-0.02
41) 2,4,6-Tribromophenol	10.40	330	202760	123.42	ng	-0.02
44) 2-Fluorobiphenyl	8.95	172	1045788	85.85	ng	-0.01
78) Terphenyl-d14	12.68	244	943771	63.60	ng	-0.01

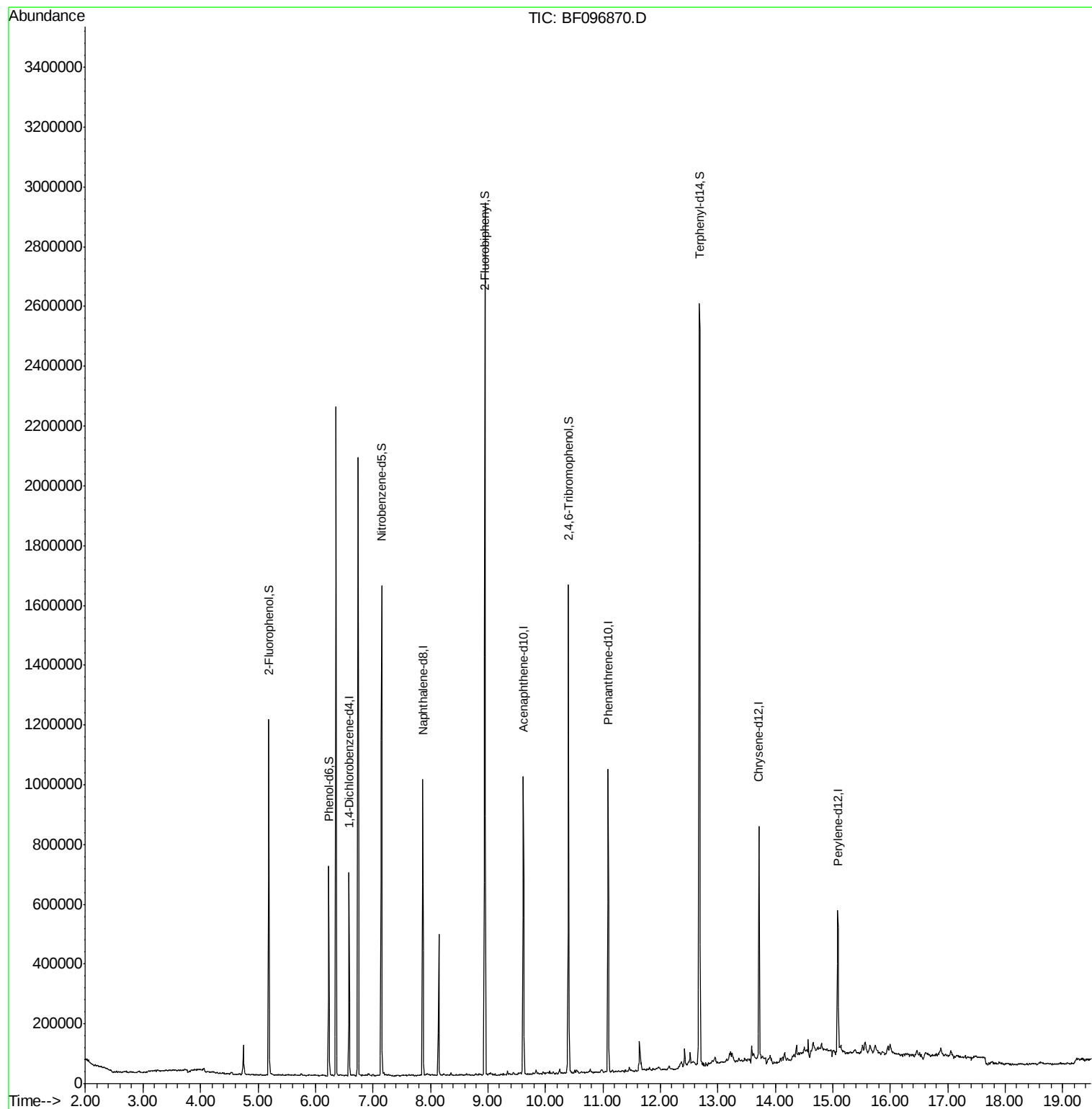
Target Compounds Qvalue

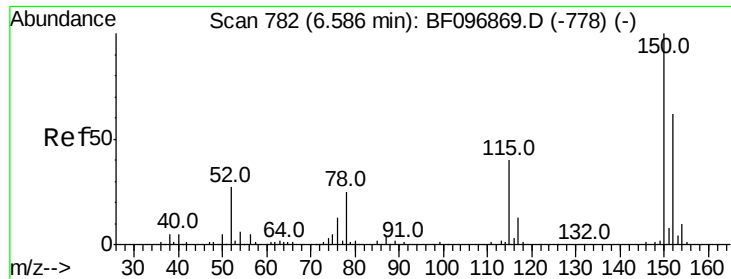
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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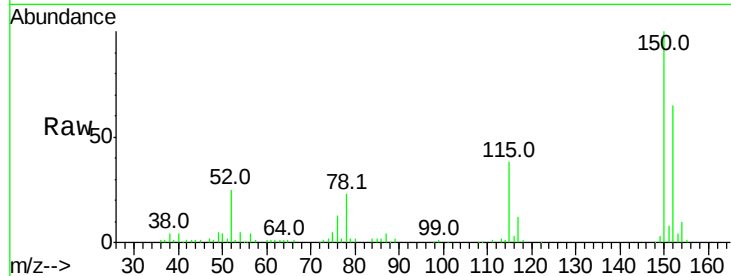


#1

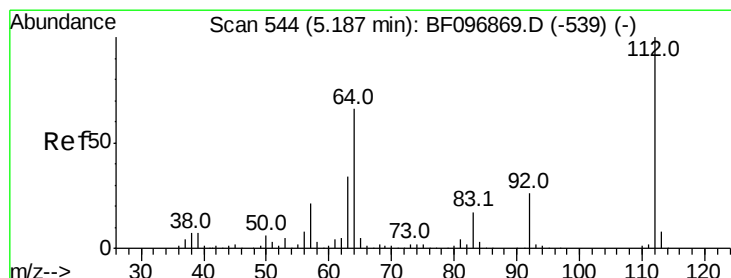
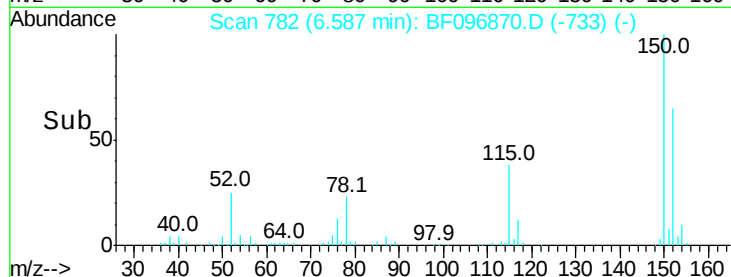
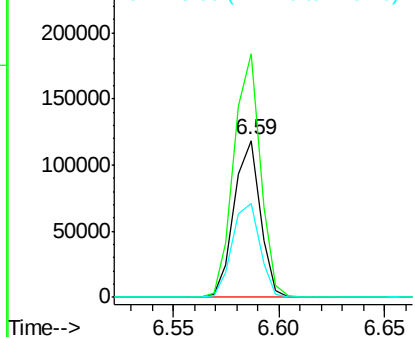
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.59 min Scan# 782
Delta R.T. -0.01 min
Lab File: BF096870.D
Acq: 19 Jul 2017 15:19

Instrument :
BNA_F
ClientSampleId :
3569-SPP4

Tot Ion:152 Resp: 102024
Ion Ratio Lower Upper
152 100
150 154.9 126.2 189.2
115 59.4 52.2 78.2



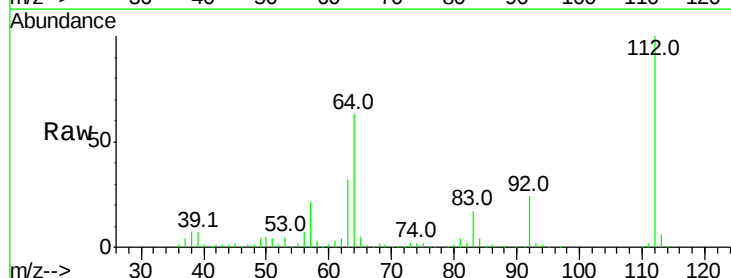
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



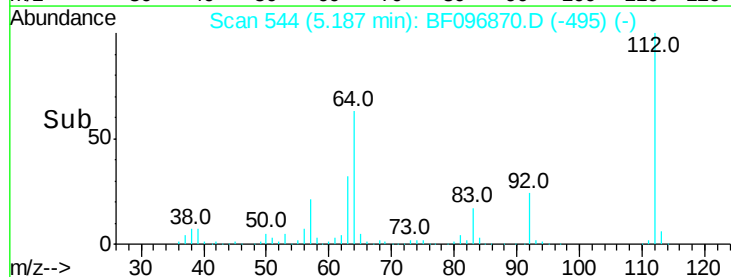
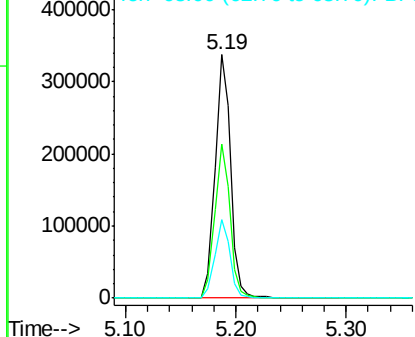
#5

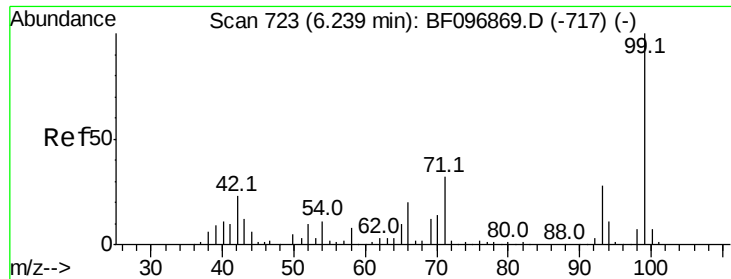
2-Fluorophenol
Concen: 48.170 ng
RT: 5.19 min Scan# 544
Delta R.T. -0.01 min
Lab File: BF096870.D
Acq: 19 Jul 2017 15:19

Tgt Ion:112 Resp: 326853
Ion Ratio Lower Upper
112 100
64 63.1 46.0 69.0
63 32.5 23.4 35.0



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF0
Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 29.416 ng

RT: 6.23 min Scan# 722

Delta R.T. -0.02 min

Lab File: BF096870.D

Acq: 19 Jul 2017 15:19

Instrument :

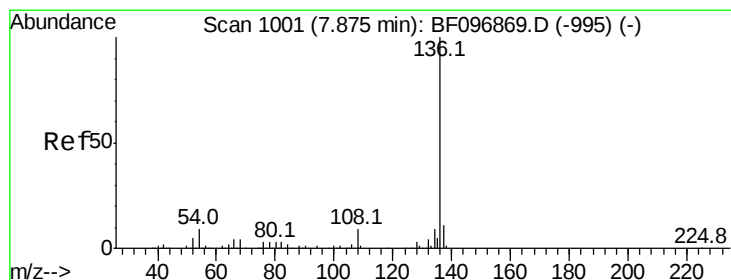
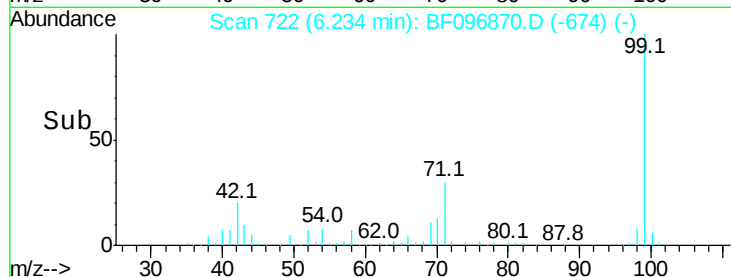
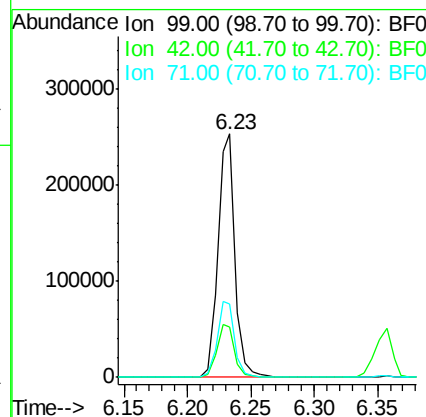
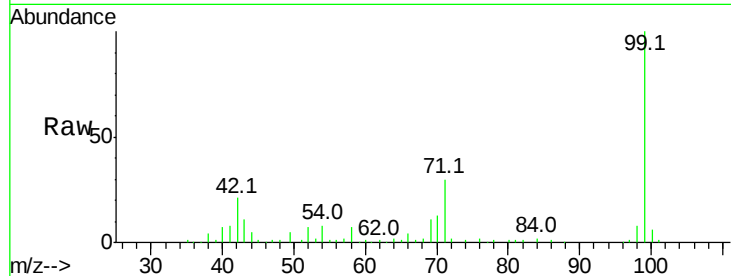
BNA_F

ClientSampleId :

3569-SPP4

Tot Ion: 99 Resp: 239528

Ion	Ratio	Lower	Upper
99	100		
42	20.6	13.5	20.3#
71	30.2	24.5	36.7



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.87 min Scan# 1000

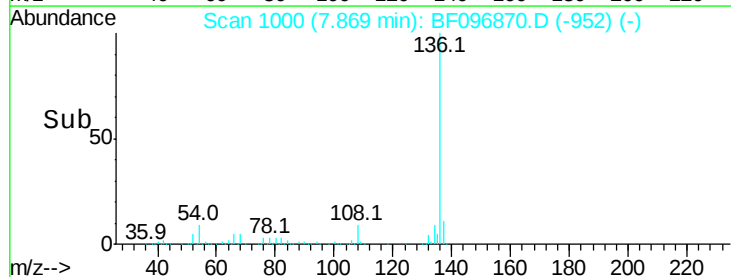
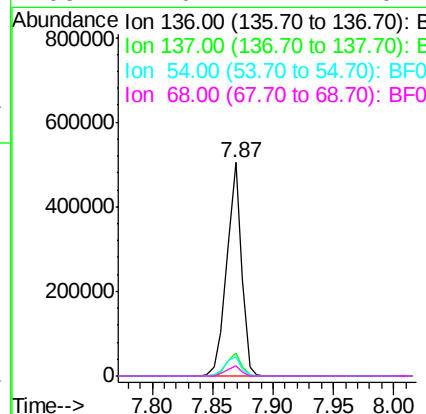
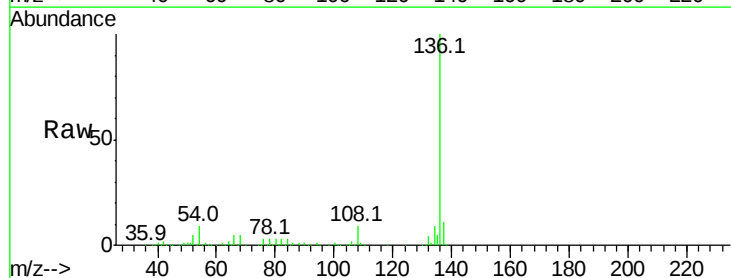
Delta R.T. -0.02 min

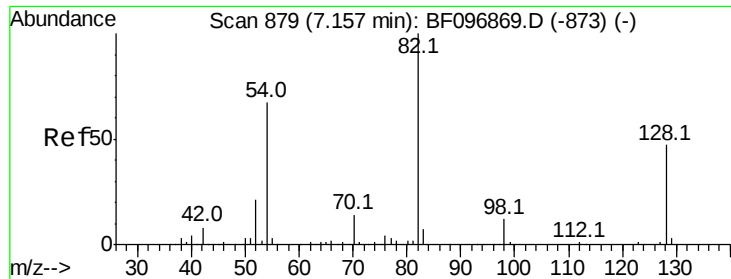
Lab File: BF096870.D

Acq: 19 Jul 2017 15:19

Tgt Ion: 136 Resp: 423453

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.5	12.7
54	9.2	4.9	7.3#
68	4.9	4.1	6.1

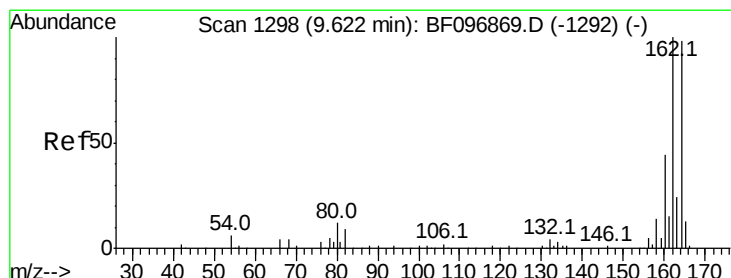
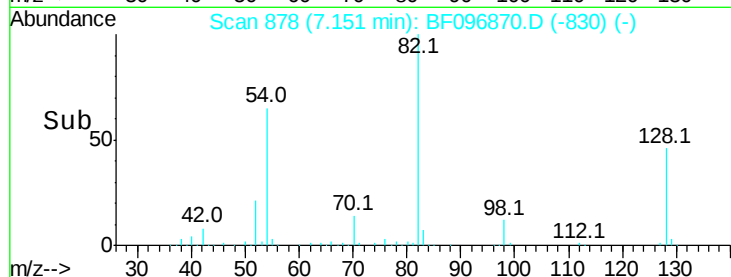
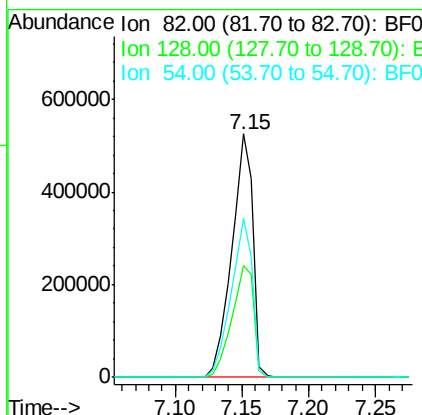
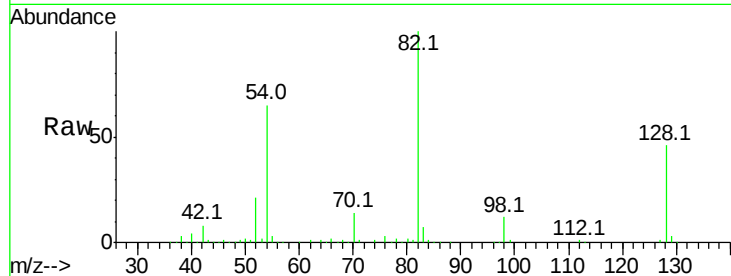




#23
Nitrobenzene-d5
Concen: 85.421 ng
RT: 7.15 min Scan# 878
Delta R.T. -0.02 min
Lab File: BF096870.D
Acq: 19 Jul 2017 15:19

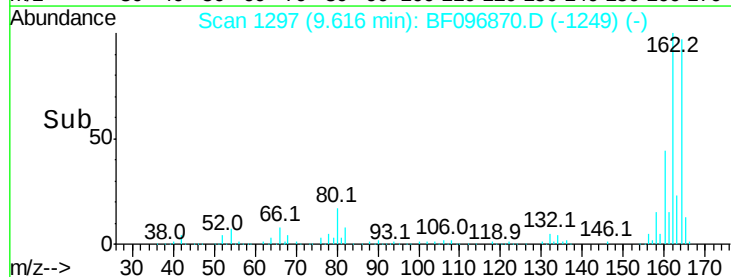
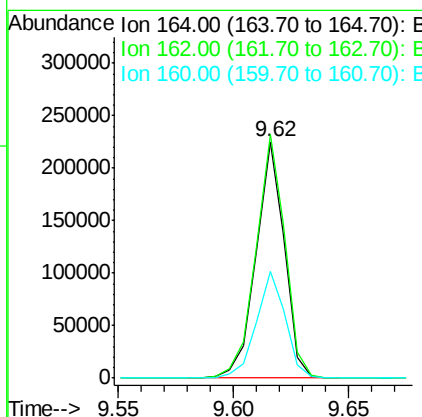
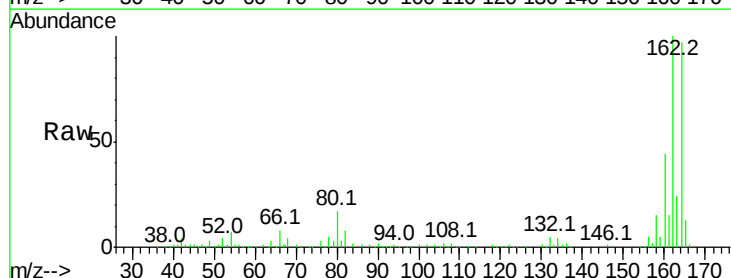
Instrument :
BNA_F
ClientSampleId :
3569-SPP4

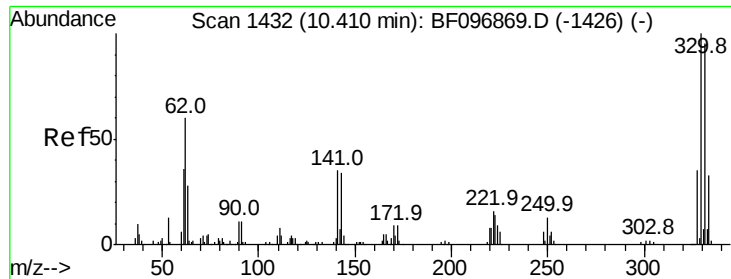
Tot Ion: 82 Resp: 583973
Ion Ratio Lower Upper
82 100
128 45.9 34.0 51.0
54 65.2 42.2 63.2#



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.62 min Scan# 1297
Delta R.T. -0.02 min
Lab File: BF096870.D
Acq: 19 Jul 2017 15:19

Tgt Ion:164 Resp: 192465
Ion Ratio Lower Upper
164 100
162 103.0 82.6 123.8
160 45.1 36.2 54.2

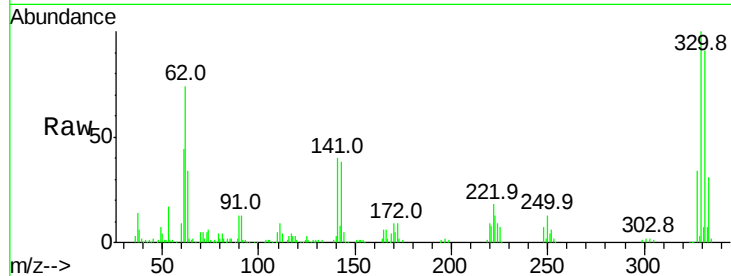




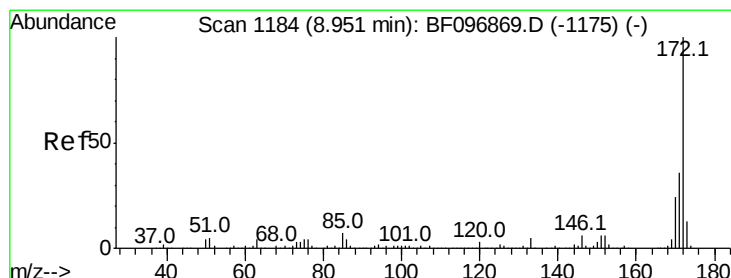
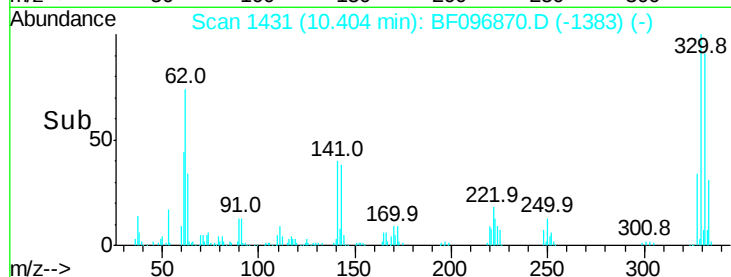
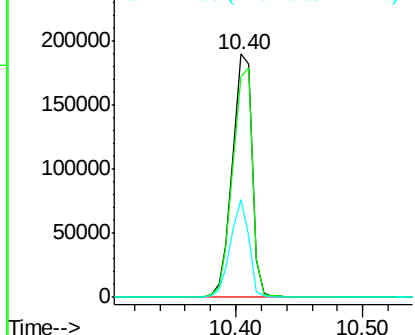
#41
 2,4,6-Tribromophenol
 Concen: 123.419 ng
 RT: 10.40 min Scan# 1431
 Delta R.T. -0.02 min
 Lab File: BF096870.D
 Acq: 19 Jul 2017 15:19

Instrument :
 BNA_F
 ClientSampleId :
 3569-SPP4

Tot Ion:330 Resp: 202760
 Ion Ratio Lower Upper
 330 100
 332 94.7 76.6 115.0
 141 37.7 31.4 47.2

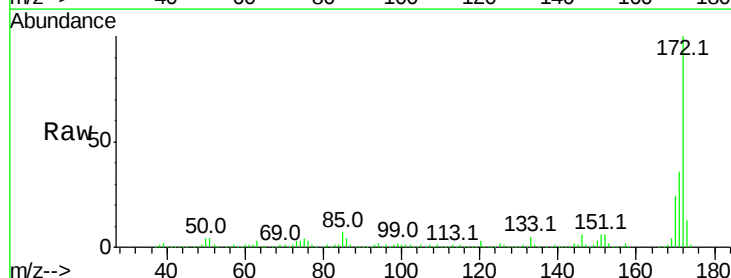


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

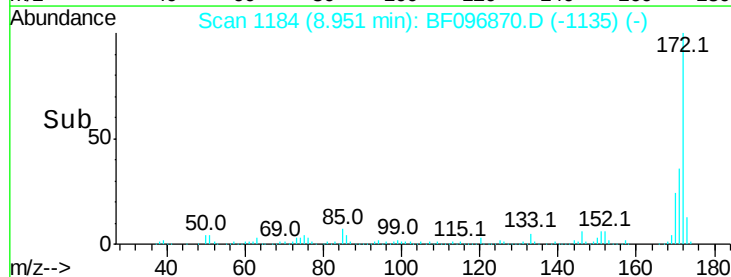
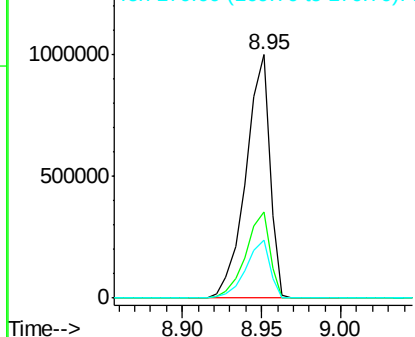


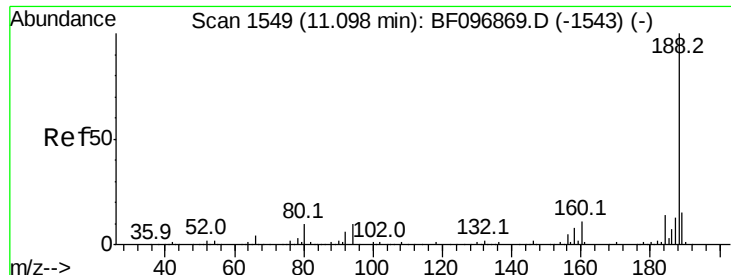
#44
 2-Fluorobiphenyl
 Concen: 85.847 ng
 RT: 8.95 min Scan# 1184
 Delta R.T. -0.01 min
 Lab File: BF096870.D
 Acq: 19 Jul 2017 15:19

Tgt Ion:172 Resp: 1045788
 Ion Ratio Lower Upper
 172 100
 171 35.5 29.6 44.4
 170 24.1 19.8 29.8



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

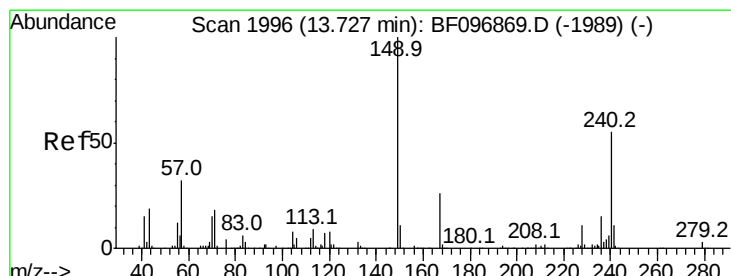
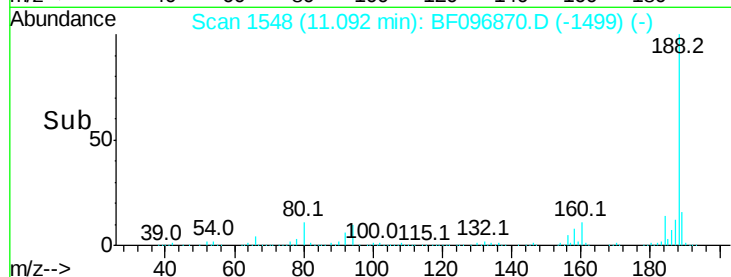
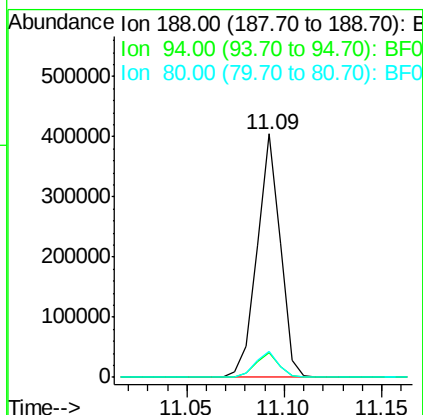
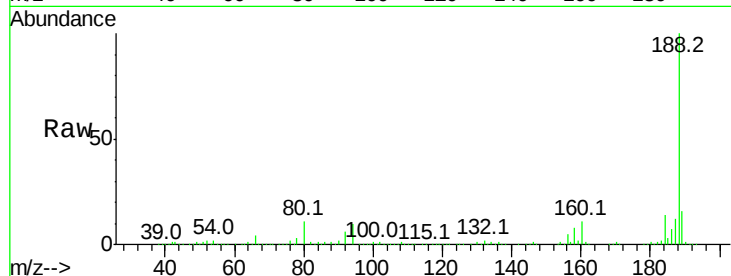




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.09 min Scan# 1548
Delta R.T. -0.01 min
Lab File: BF096870.D
Acq: 19 Jul 2017 15:19

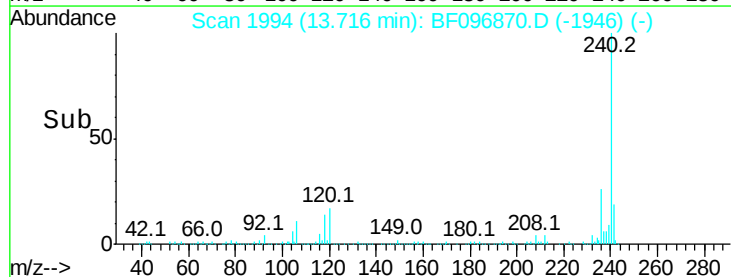
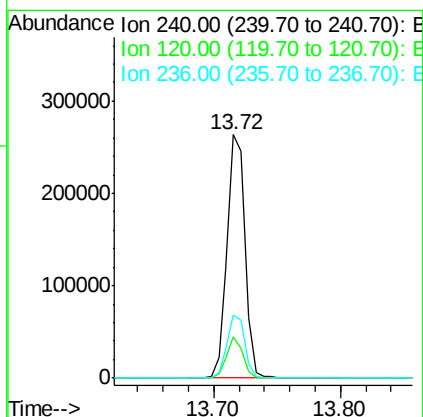
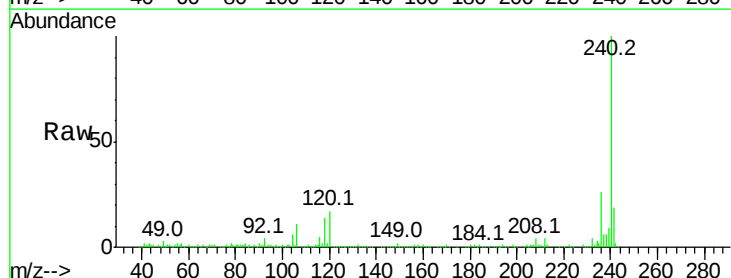
Instrument :
BNA_F
ClientSampleId :
3569-SPP4

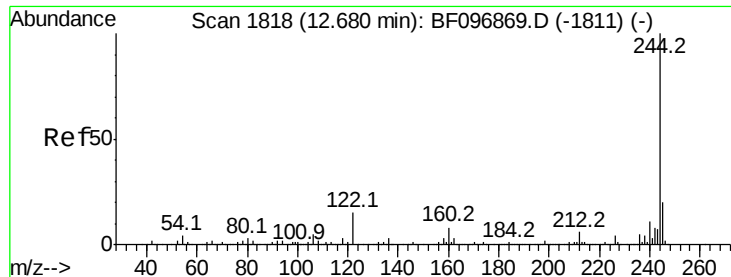
Tot Ion:188 Resp: 332460
Ion Ratio Lower Upper
188 100
94 10.2 9.4 14.2
80 10.6 10.2 15.2



#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.72 min Scan# 1994
Delta R.T. -0.02 min
Lab File: BF096870.D
Acq: 19 Jul 2017 15:19

Tgt Ion:240 Resp: 257340
Ion Ratio Lower Upper
240 100
120 16.8 5.8 8.8#
236 26.0 20.5 30.7





#78

Terphenyl-d14

Concen: 63.602 ng

RT: 12.68 min Scan# 1818

Delta R.T. -0.01 min

Lab File: BF096870.D

Acq: 19 Jul 2017 15:19

Instrument :

BNA_F

ClientSampleId :

3569-SPP4

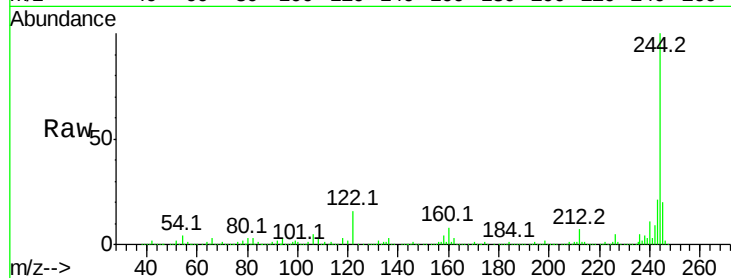
Tot Ion:244 Resp: 943771

Ion Ratio Lower Upper

244 100

212 7.0 6.0 9.0

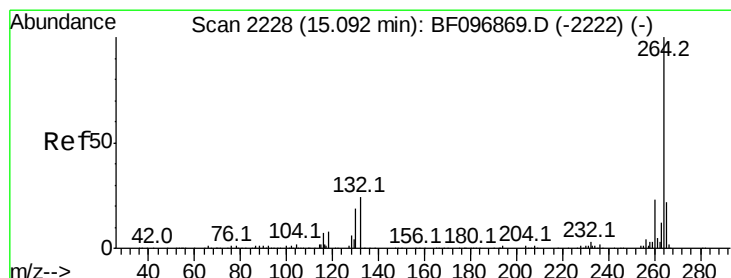
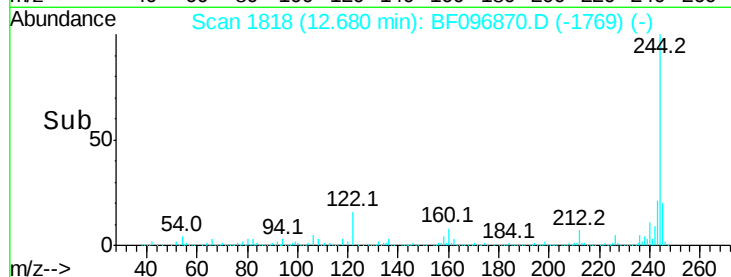
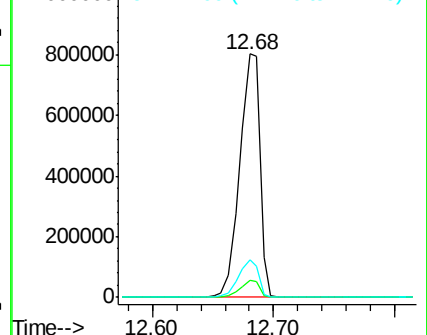
122 15.5 10.3 15.5#



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

Perylene-d12

Concen: 20.000 ng

RT: 15.09 min Scan# 2227

Delta R.T. -0.02 min

Lab File: BF096870.D

Acq: 19 Jul 2017 15:19

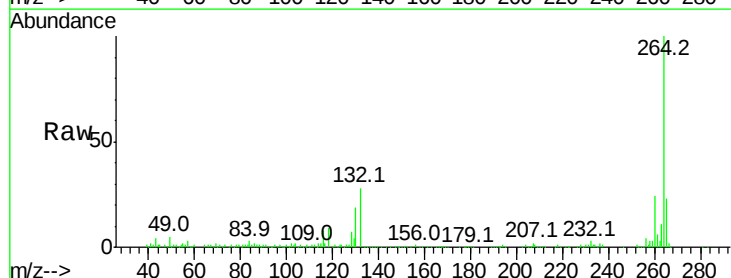
Tgt Ion:264 Resp: 186533

Ion Ratio Lower Upper

264 100

260 23.7 19.5 29.3

265 22.5 17.2 25.8



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

