

Data Path : Z:\HPCHEM1\BNA F\DATA\BF011915\
 Data File : BF076959.D
 Acq On : 20 Jan 2015 10:19
 Operator : IZ / TP
 Sample : G1101-19
 Misc : W
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PO-010

Quant Time: Jan 20 11:15:39 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF011415.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 15 11:52:04 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.98	152	37022	20.00	ng	-0.05
21) Naphthalene-d8	10.88	136	156063	20.00	ng	-0.05
38) Acenaphthene-d10	15.01	164	82836	20.00	ng	-0.07
63) Phenanthrene-d10	17.77	188	140442	20.00	ng	-0.05
75) Chrysene-d12	21.27	240	139945	20.00	ng	-0.03
86) Perylene-d12	22.95	264	128643	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.04	112	115277	51.19	ng	-0.05
7) Phenol-d6	7.37	99	87107	30.67	ng	-0.05
23) Nitrobenzene-d5	9.27	82	235781	83.70	ng	-0.05
41) 2,4,6-Tribromophenol	16.69	330	93580m	139.17	ng	-0.03
44) 2-Fluorobiphenyl	13.53	172	479771	88.14	ng	-0.06
78) Terphenyl-d14	20.00	244	464263	76.37	ng	-0.03

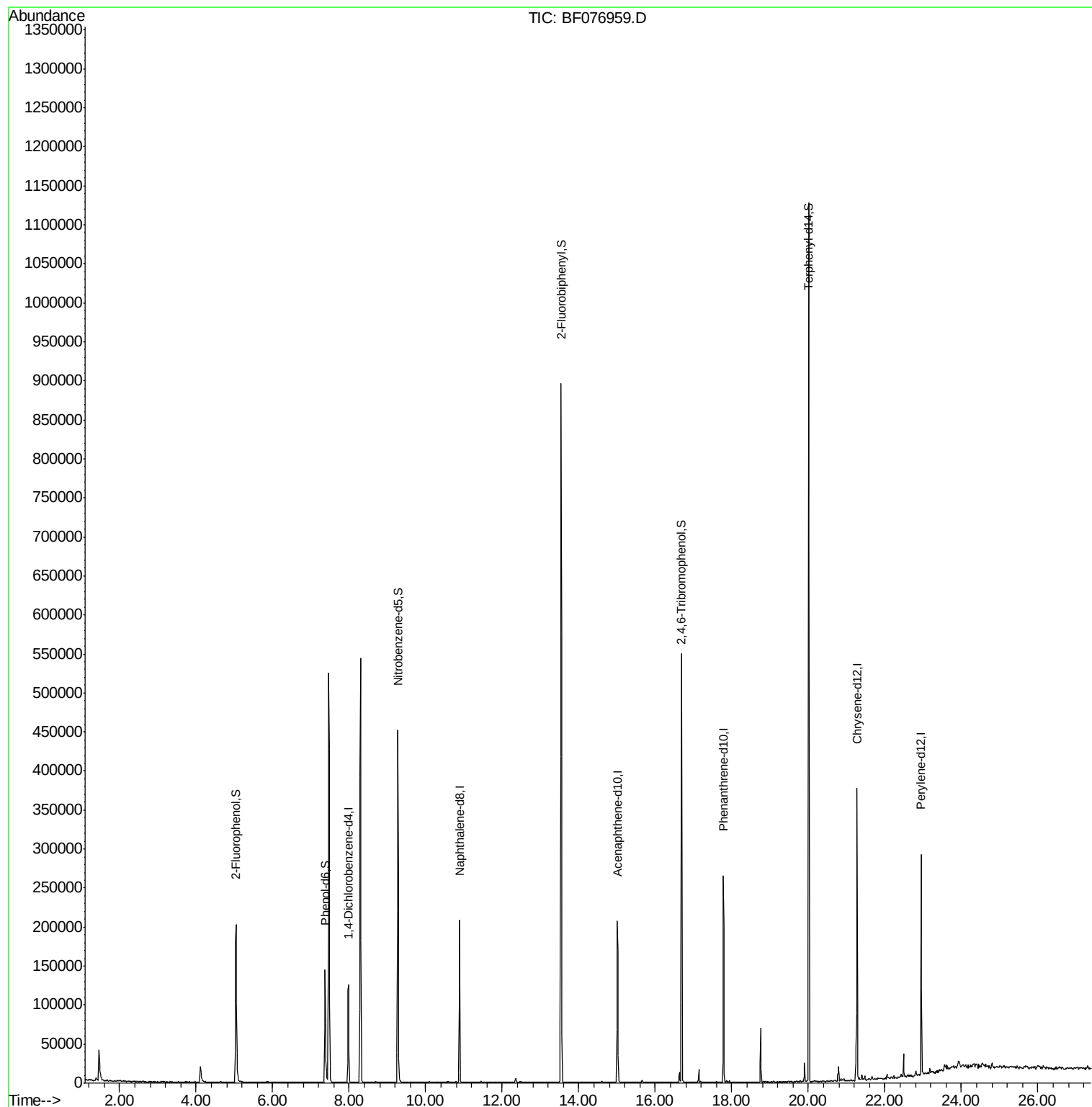
Target Compounds Qvalue

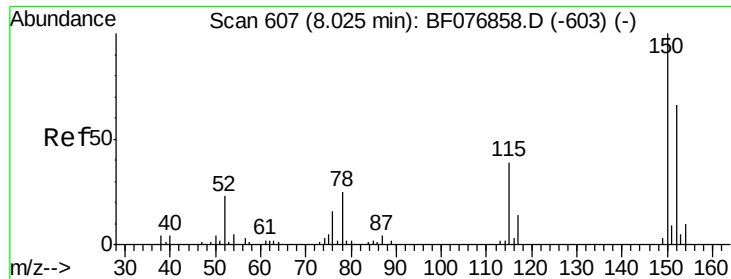
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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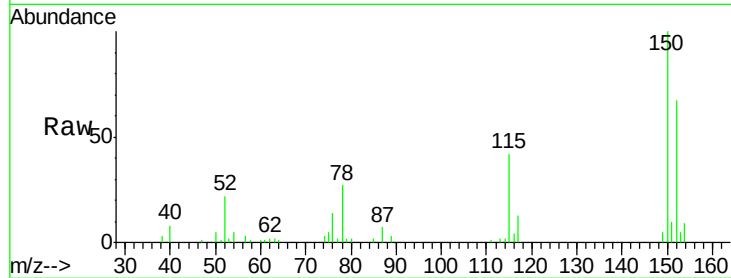


#1

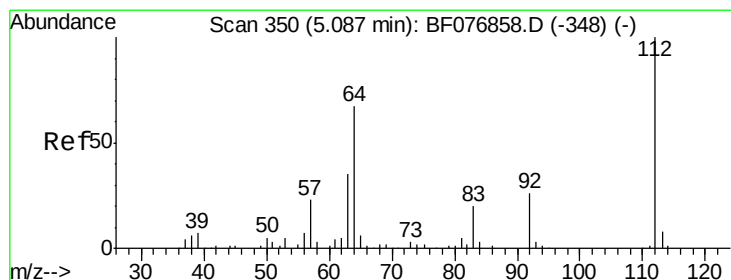
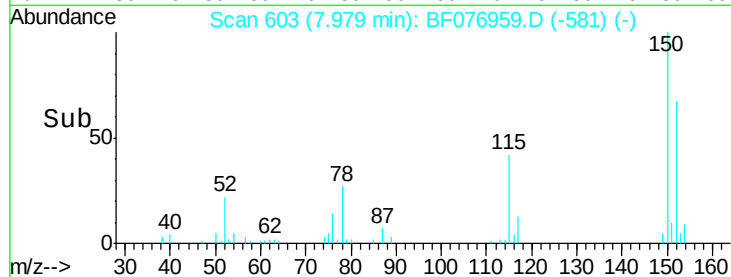
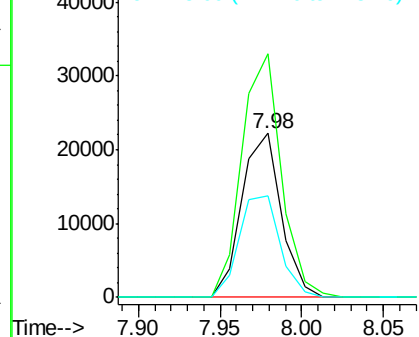
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.98 min Scan# 603
Delta R.T. -0.05 min
Lab File: BF076959.D
Acq: 20 Jan 2015 10:19

Instrument :
BNA_F
ClientSampleId :
PO-010

Tot Ion:152 Resp: 37022
Ion Ratio Lower Upper
152 100
150 148.5 121.7 182.5
115 62.1 47.0 70.6



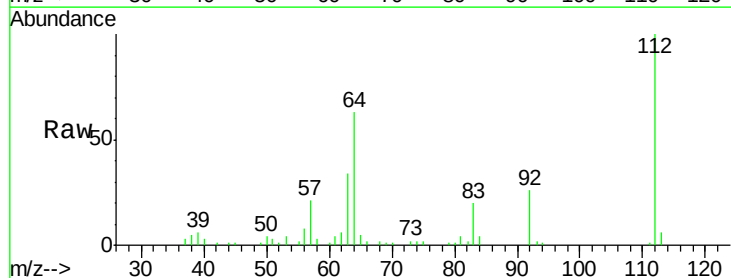
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



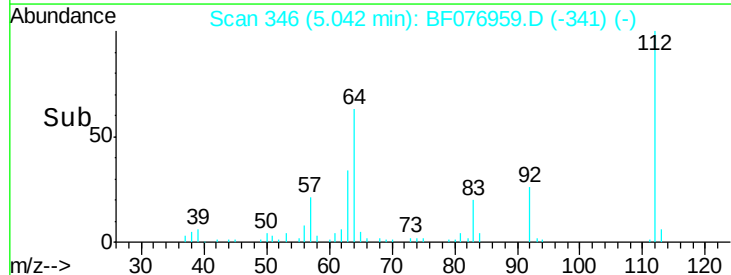
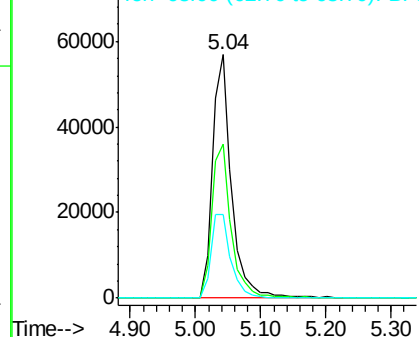
#5

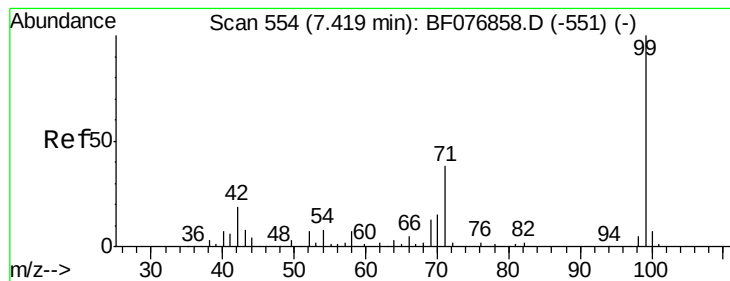
2-Fluorophenol
Concen: 51.19 ng
RT: 5.04 min Scan# 346
Delta R.T. -0.05 min
Lab File: BF076959.D
Acq: 20 Jan 2015 10:19

Tgt Ion:112 Resp: 115277
Ion Ratio Lower Upper
112 100
64 63.4 54.2 81.4
63 34.3 28.4 42.6



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: 30.67 ng

RT: 7.37 min Scan# 550

Delta R.T. -0.05 min

Lab File: BF076959.D

Acq: 20 Jan 2015 10:19

Instrument :

BNA_F

ClientSampleId :

PO-010

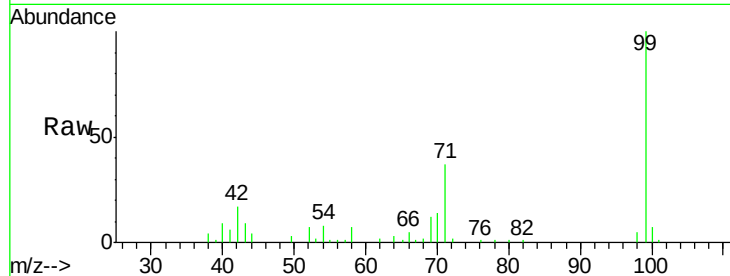
Tot Ion: 99 Resp: 87107

Ion Ratio Lower Upper

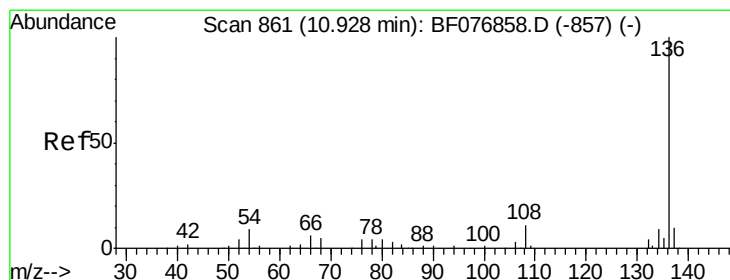
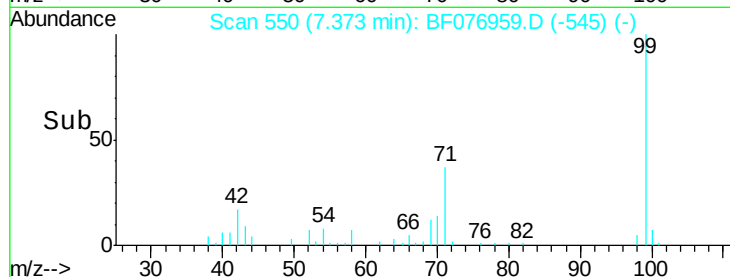
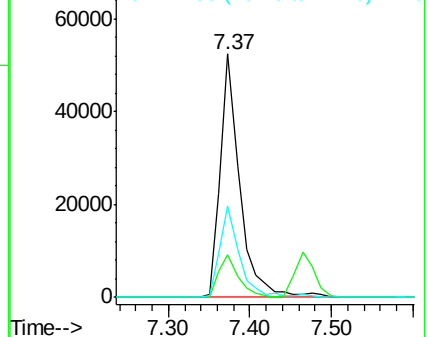
99 100

42 17.3 15.0 22.4

71 37.3 30.5 45.7



Abundance Ion 99.00 (98.70 to 99.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 71.00 (70.70 to 71.70): BF0



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.88 min Scan# 857

Delta R.T. -0.05 min

Lab File: BF076959.D

Acq: 20 Jan 2015 10:19

Tgt Ion: 136 Resp: 156063

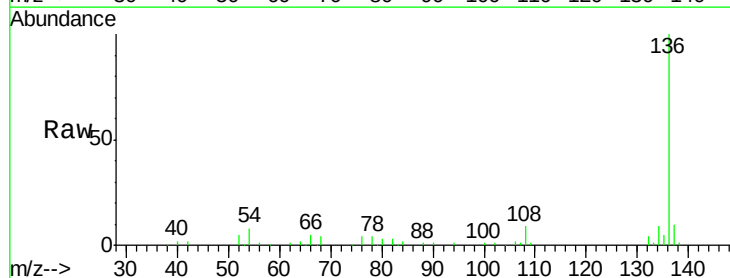
Ion Ratio Lower Upper

136 100

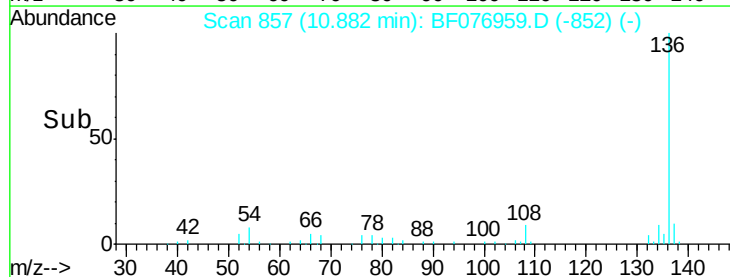
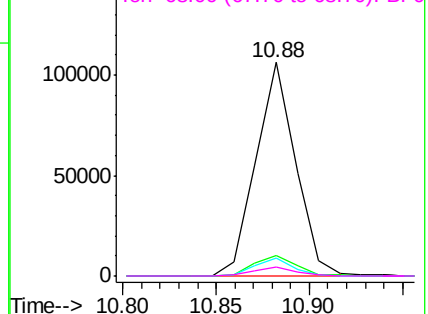
137 9.5 8.1 12.1

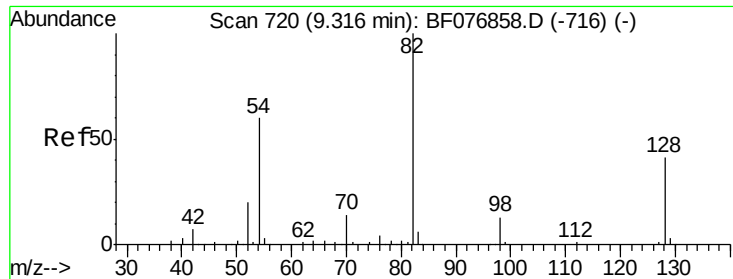
54 8.3 7.0 10.4

68 4.2 3.7 5.5



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): BF0
Ion 68.00 (67.70 to 68.70): BF0

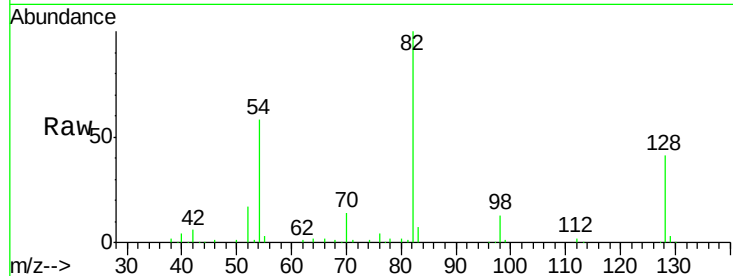




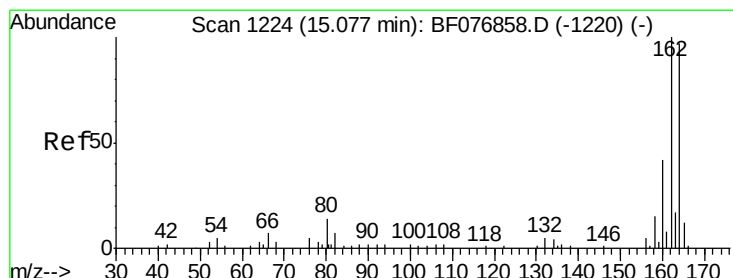
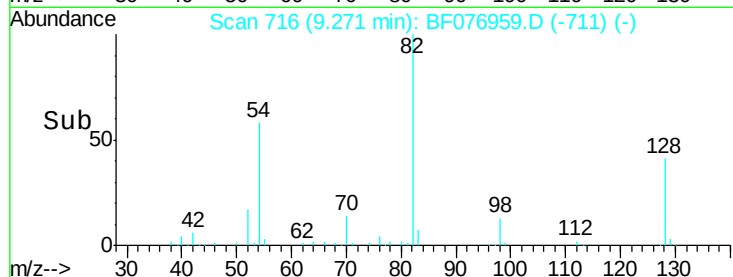
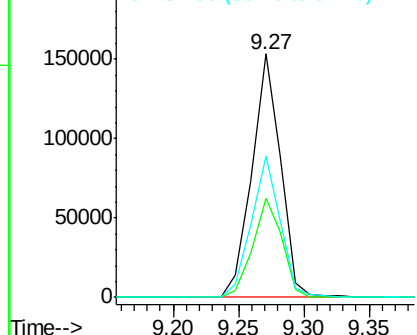
#23
 Nitrobenzene-d5
 Concen: 83.70 ng
 RT: 9.27 min Scan# 716
 Delta R.T. -0.05 min
 Lab File: BF076959.D
 Acq: 20 Jan 2015 10:19

Instrument :
 BNA_F
 ClientSampled :
 PO-010

Tot Ion	82	Resp	235781
Ion Ratio	Lower	Upper	
82	100		
128	40.5	33.1	49.7
54	58.2	48.3	72.5

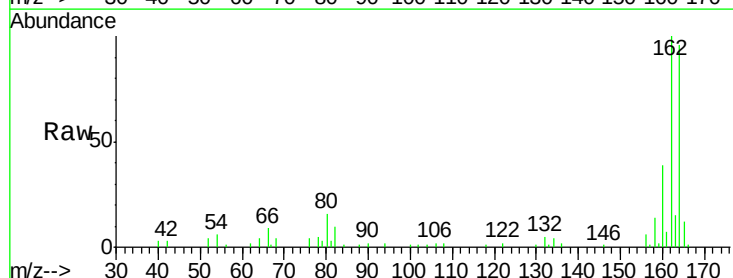


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

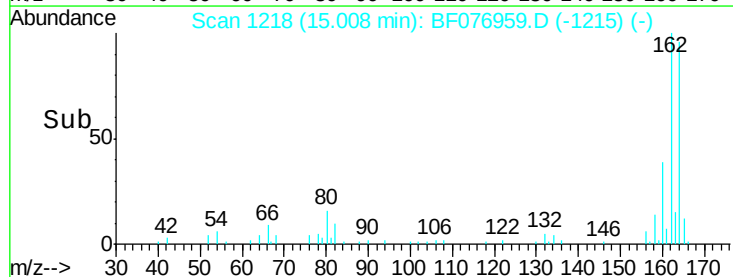
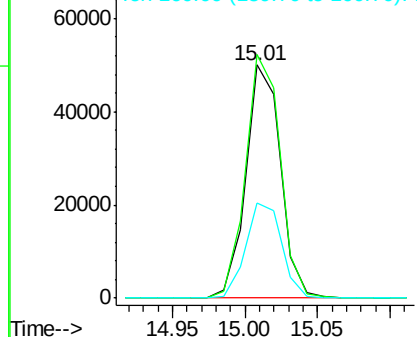


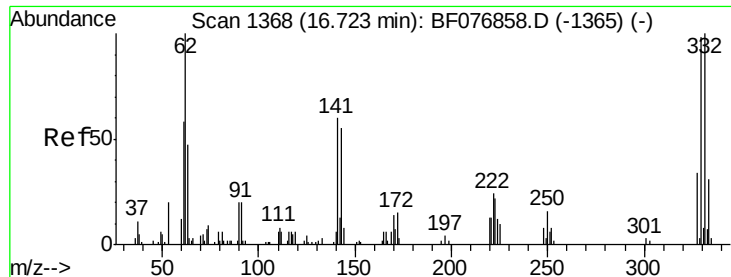
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 15.01 min Scan# 1218
 Delta R.T. -0.07 min
 Lab File: BF076959.D
 Acq: 20 Jan 2015 10:19

Tgt Ion	164	Resp	82836
Ion Ratio	Lower	Upper	
164	100		
162	104.5	82.4	123.6
160	40.9	34.8	52.2



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

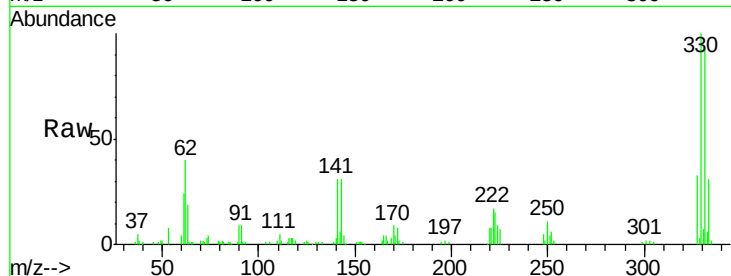




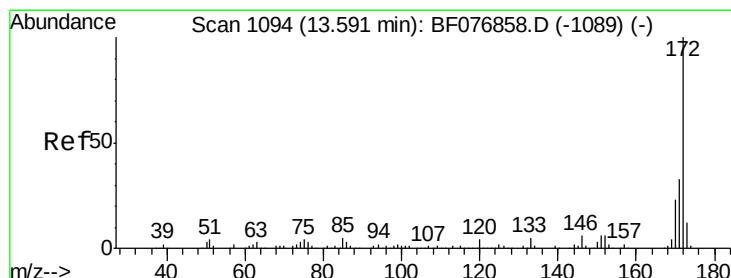
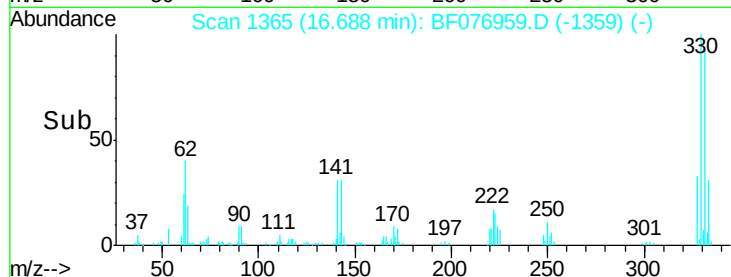
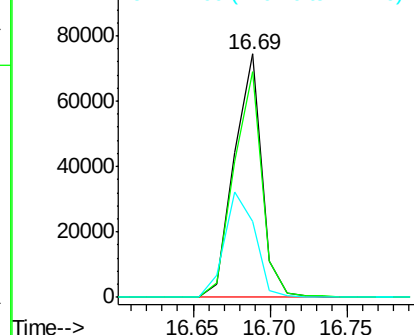
#41
 2,4,6-Tribromophenol
 Concen: 139.17 ng/ml
 RT: 16.69 min Scan# 1365
 Delta R.T. -0.03 min
 Lab File: BF076959.D
 Acq: 20 Jan 2015 10:19

Instrument :
 BNA_F
 ClientSampled :
 PO-010

Tot Ion	Ratio	Lower	Upper
330	100		
332	92.1	77.8	116.6
141	47.0	38.5	57.7

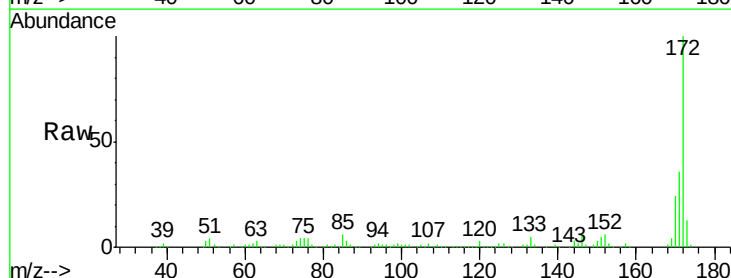


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

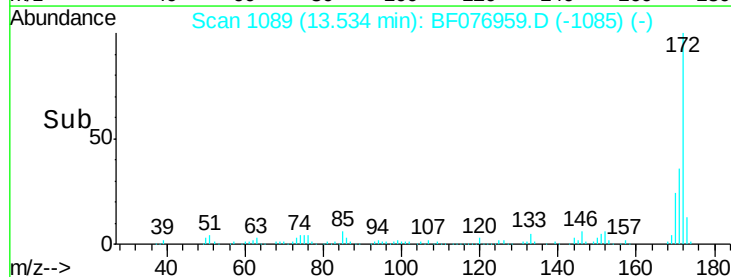
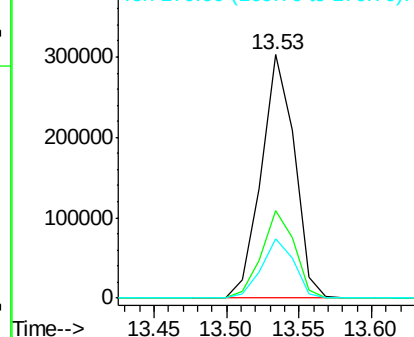


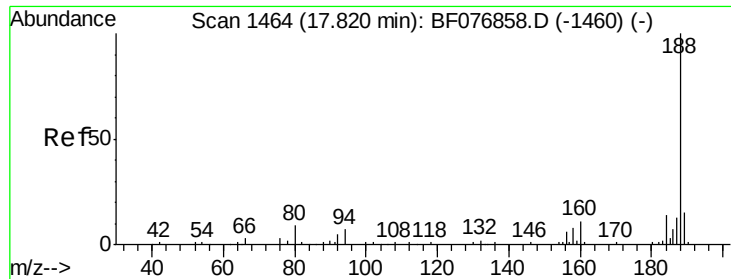
#44
 2-Fluorobiphenyl
 Concen: 88.14 ng
 RT: 13.53 min Scan# 1089
 Delta R.T. -0.06 min
 Lab File: BF076959.D
 Acq: 20 Jan 2015 10:19

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.7	26.6	40.0
170	24.2	18.0	27.0



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

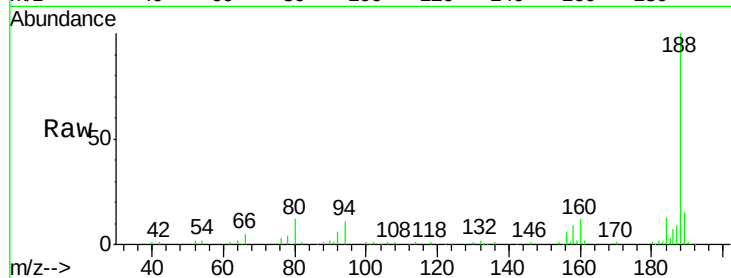




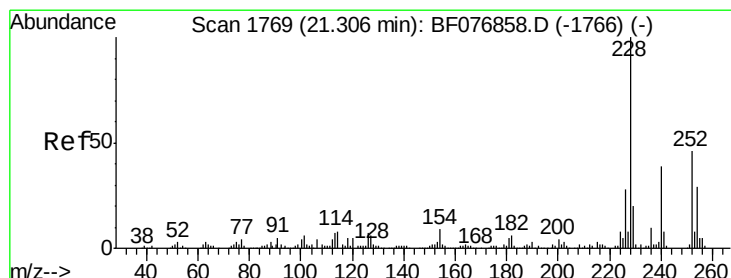
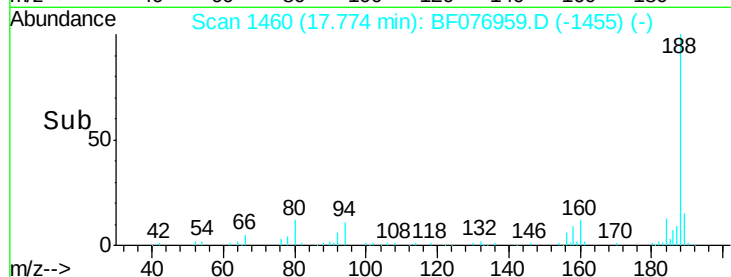
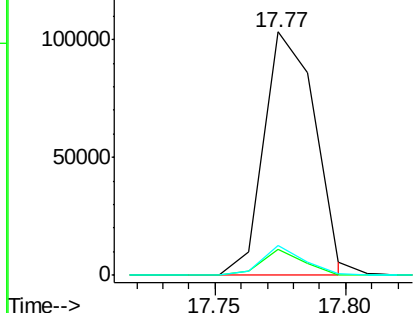
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.77 min Scan# 1460
Delta R.T. -0.05 min
Lab File: BF076959.D
Acq: 20 Jan 2015 10:19

Instrument :
BNA_F
ClientSampleId :
PO-010

Tot Ion:188 Resp: 140442
Ion Ratio Lower Upper
188 100
94 10.6 6.0 9.0#
80 12.5 6.9 10.3#

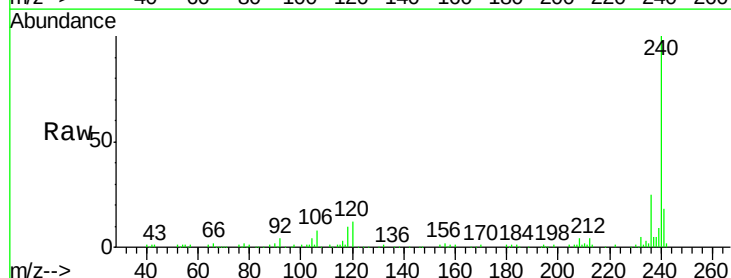


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

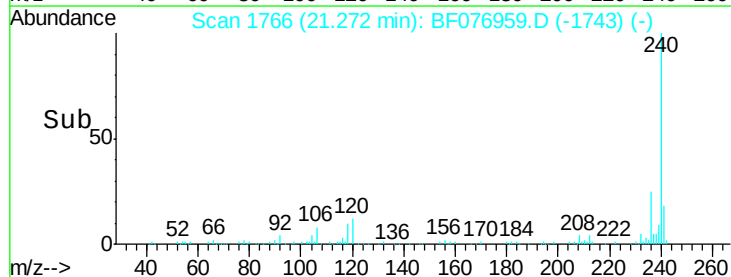
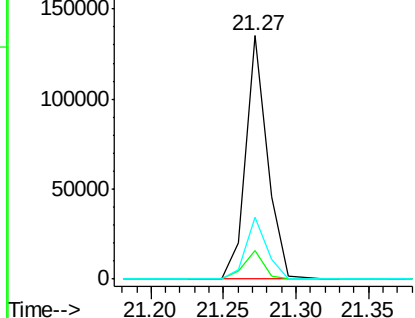


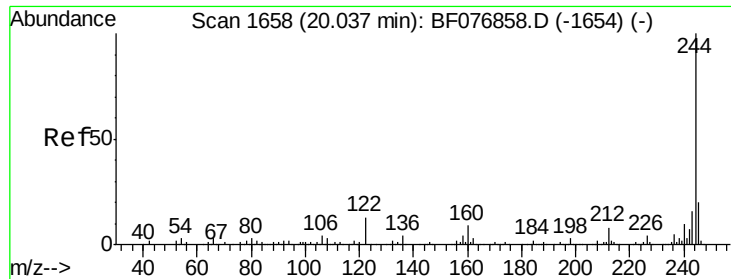
#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.27 min Scan# 1766
Delta R.T. -0.03 min
Lab File: BF076959.D
Acq: 20 Jan 2015 10:19

Tgt Ion:240 Resp: 139945
Ion Ratio Lower Upper
240 100
120 11.8 10.4 15.6
236 25.2 20.2 30.2



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: 76.37 ng

RT: 20.00 min Scan# 1655

Delta R.T. -0.03 min

Lab File: BF076959.D

Acq: 20 Jan 2015 10:19

Instrument :

BNA_F

ClientSampleId :

PO-010

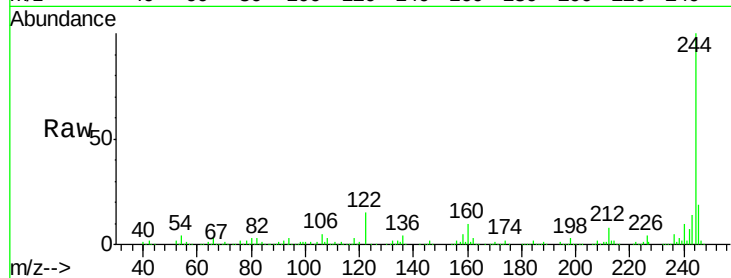
Tot Ion:244 Resp: 464263

Ion Ratio Lower Upper

244 100

212 7.6 6.3 9.5

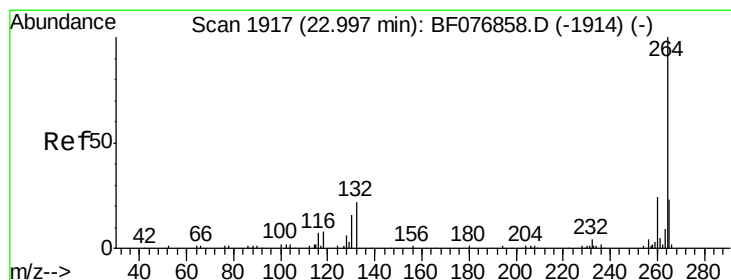
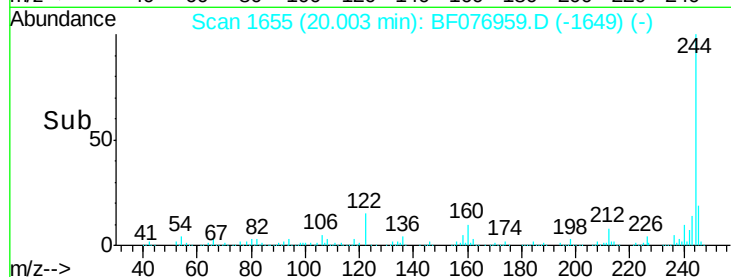
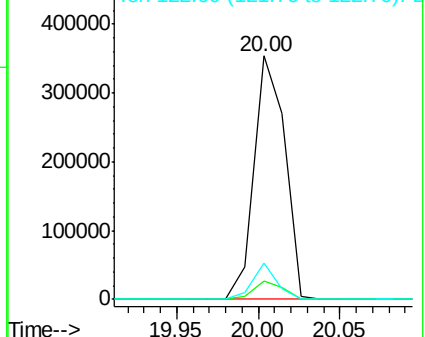
122 15.0 10.1 15.1



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: 20.00 ng

RT: 22.95 min Scan# 1913

Delta R.T. -0.05 min

Lab File: BF076959.D

Acq: 20 Jan 2015 10:19

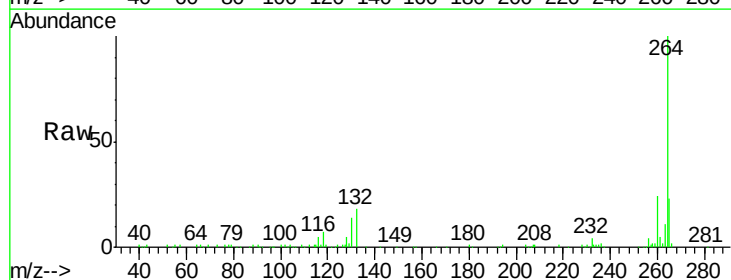
Tgt Ion:264 Resp: 128643

Ion Ratio Lower Upper

264 100

260 23.6 19.0 28.4

265 22.5 18.1 27.1



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

