

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042915\
 Data File : BF078816.D
 Acq On : 29 Apr 2015 16:35
 Operator : TP/IZ
 Sample : PB83015BL
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB83015BL

Quant Time: Apr 30 01:14:11 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF042815.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 30 00:55:08 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.38	152	75320	20.00	ng	0.00
21) Naphthalene-d8	8.96	136	305844	20.00	ng	0.00
38) Acenaphthene-d10	11.14	164	138596	20.00	ng	0.00
63) Phenanthrene-d10	12.98	188	272894	20.00	ng	0.00
75) Chrysene-d12	16.29	240	275821	20.00	ng	-0.01
86) Perylene-d12	18.06	264	267095	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.68	112	538937	131.42	ng	0.00
7) Phenol-d6	6.92	99	673356	122.94	ng	0.00
23) Nitrobenzene-d5	8.07	82	364136	85.72	ng	0.00
41) 2,4,6-Tribromophenol	12.11	330	162234	118.23	ng	-0.01
44) 2-Fluorobiphenyl	10.31	172	805401	79.58	ng	0.00
78) Terphenyl-d14	14.98	244	933987	80.64	ng	0.00

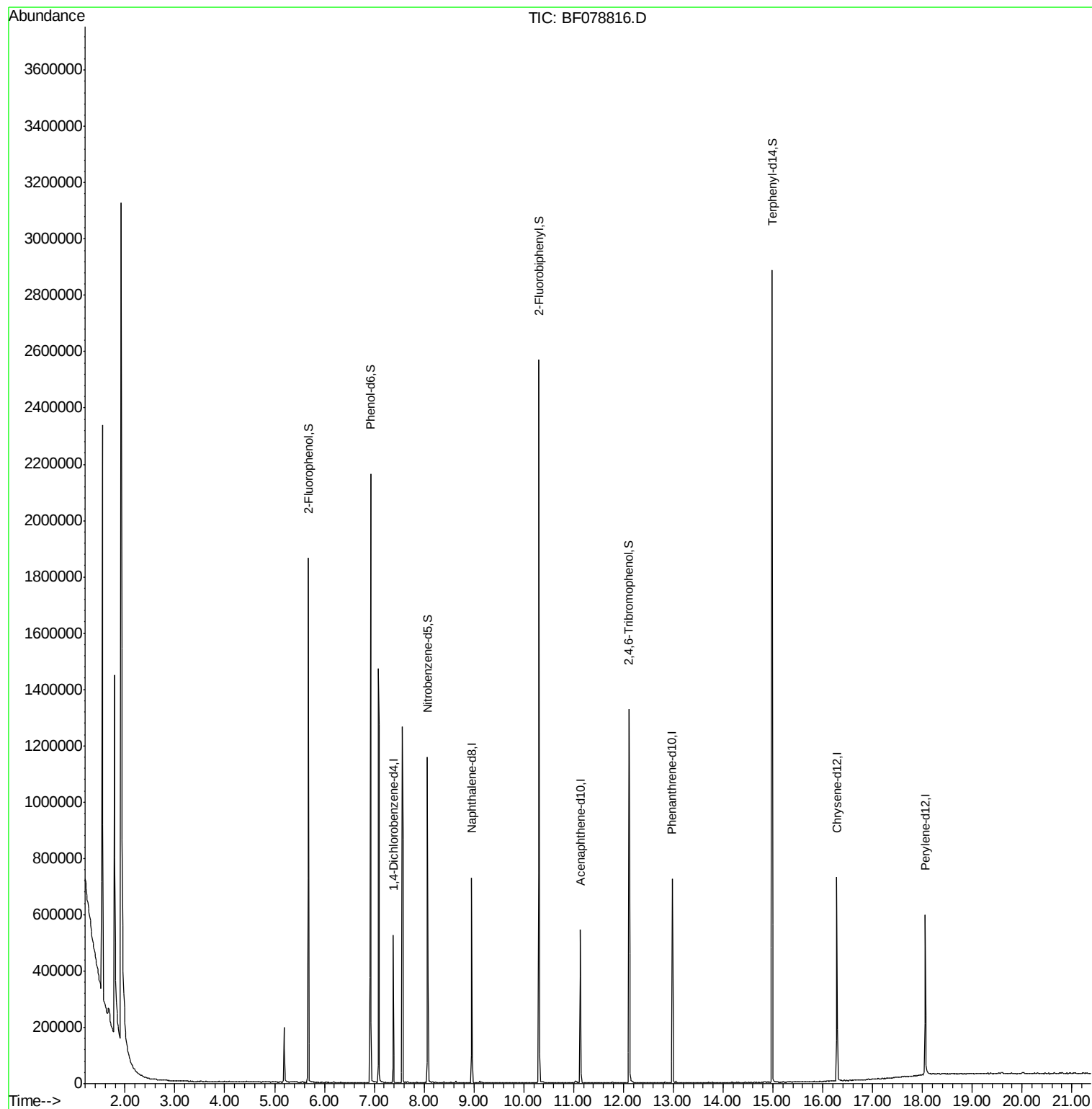
Target Compounds Qvalue

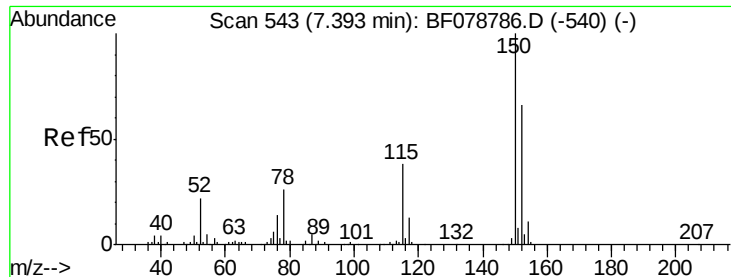
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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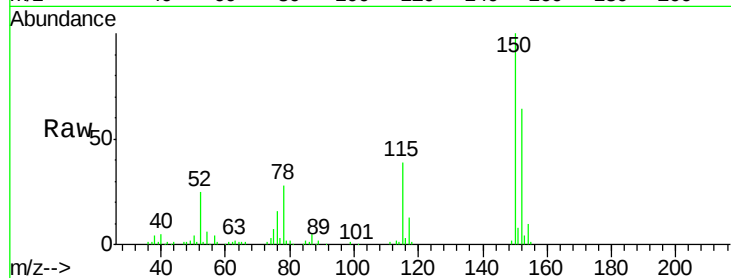


#1

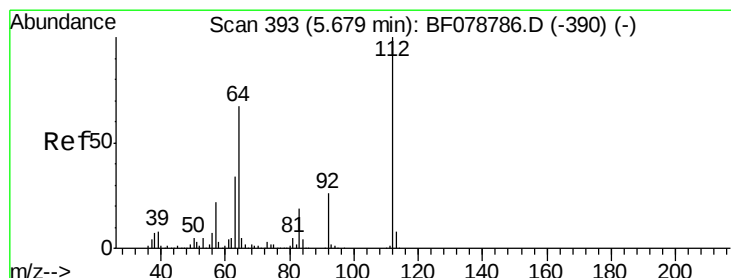
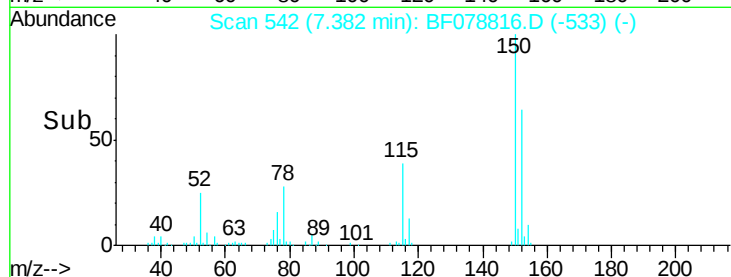
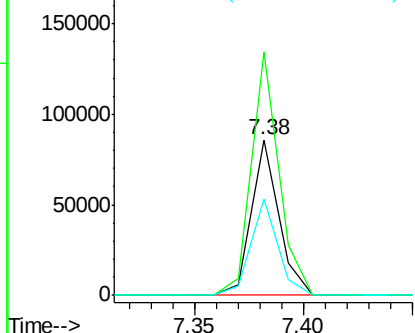
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.38 min Scan# 542
Delta R.T. -0.00 min
Lab File: BF078816.D
Acq: 29 Apr 2015 16:35

Instrument :
BNA_F
ClientSampleId :
PB83015BL

Tot Ion:152 Resp: 75320
Ion Ratio Lower Upper
152 100
150 156.3 122.0 183.0
115 61.7 46.3 69.5



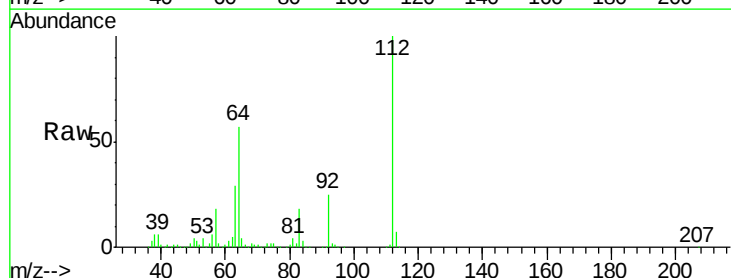
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



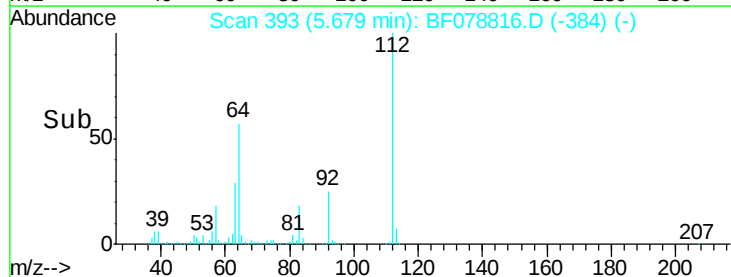
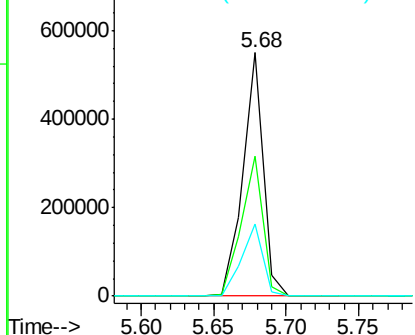
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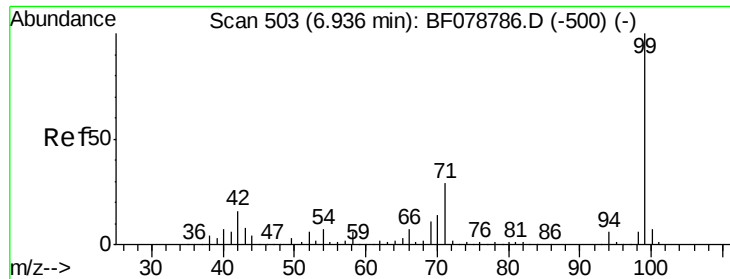
2-Fluorophenol
Concen: 131.42 ng
RT: 5.68 min Scan# 393
Delta R.T. -0.00 min
Lab File: BF078816.D
Acq: 29 Apr 2015 16:35

Tgt Ion:112 Resp: 538937
Ion Ratio Lower Upper
112 100
64 57.4 53.5 80.3
63 29.4 27.5 41.3



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: 122.94 ng

RT: 6.92 min Scan# 502

Delta R.T. -0.00 min

Lab File: BF078816.D

Acq: 29 Apr 2015 16:35

Instrument :

BNA_F

ClientSampled :

PB83015BL

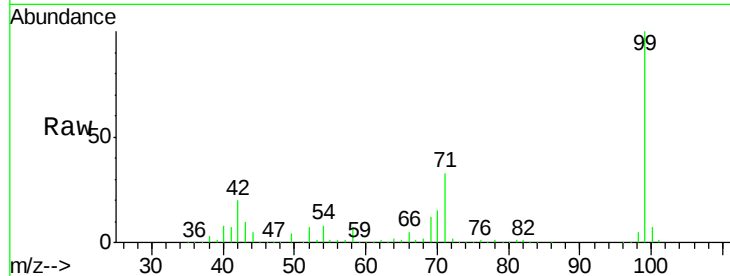
Tot Ion: 99 Resp: 673356

Ion Ratio Lower Upper

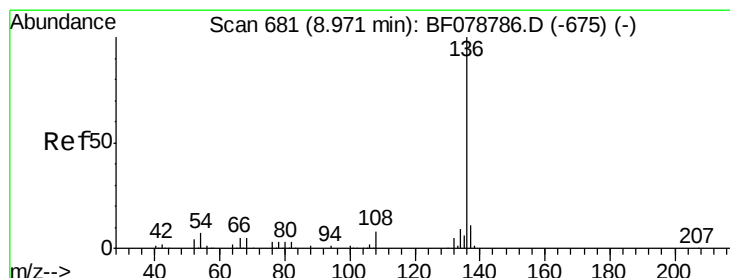
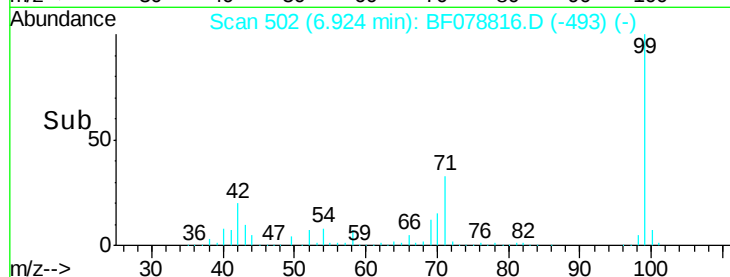
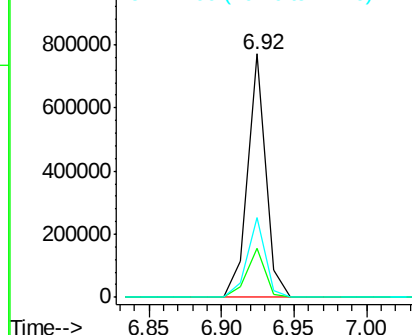
99 100

42 20.0 12.8 19.2#

71 32.9 23.4 35.2



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: 8.96 min Scan# 680

Delta R.T. -0.00 min

Lab File: BF078816.D

Acq: 29 Apr 2015 16:35

Tgt Ion: 136 Resp: 305844

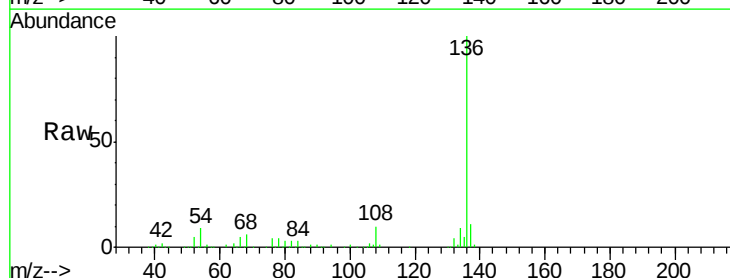
Ion Ratio Lower Upper

136 100

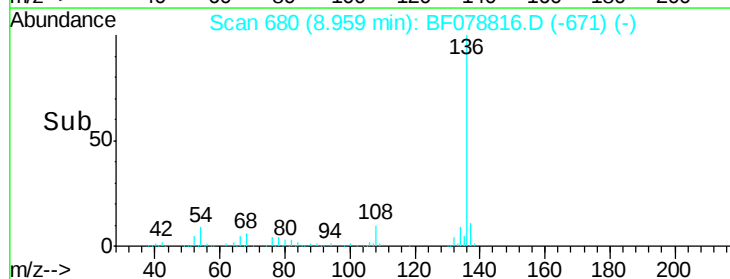
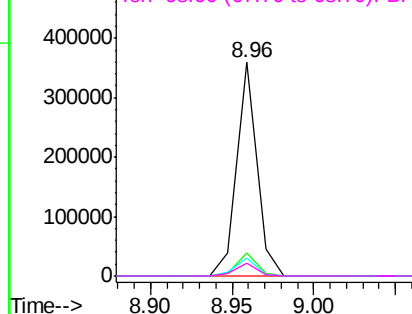
137 10.9 8.7 13.1

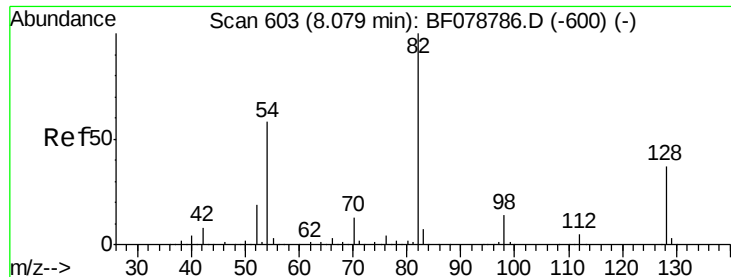
54 8.6 5.8 8.8

68 5.8 4.2 6.4



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

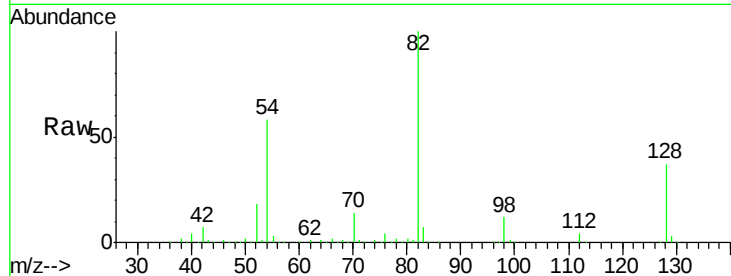




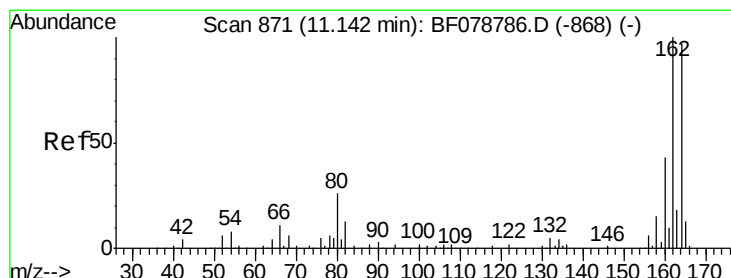
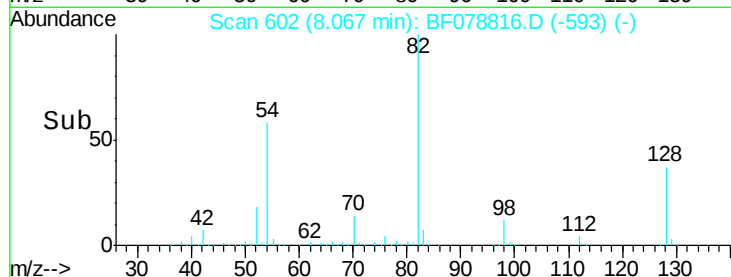
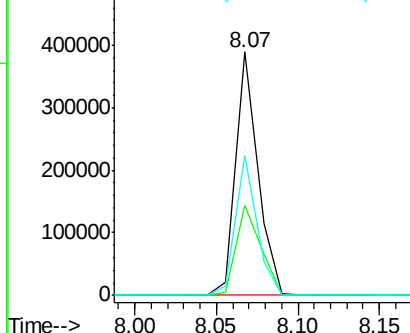
#23
 Nitrobenzene-d5
 Concen: 85.72 ng
 RT: 8.07 min Scan# 602
 Delta R.T. -0.00 min
 Lab File: BF078816.D
 Acq: 29 Apr 2015 16:35

Instrument :
 BNA_F
 ClientSampleId :
 PB83015BL

Tot Ion	82	Resp	364136
Ion Ratio	Lower	Upper	
82	100		
128	36.8	30.0	45.0
54	57.7	46.4	69.6

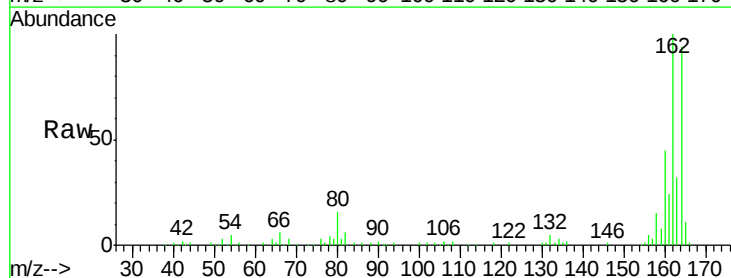


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

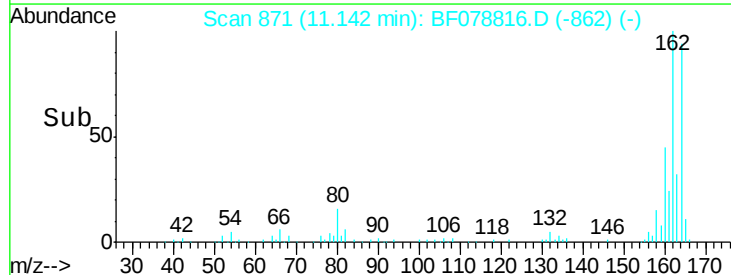
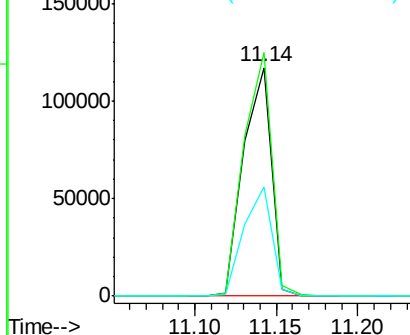


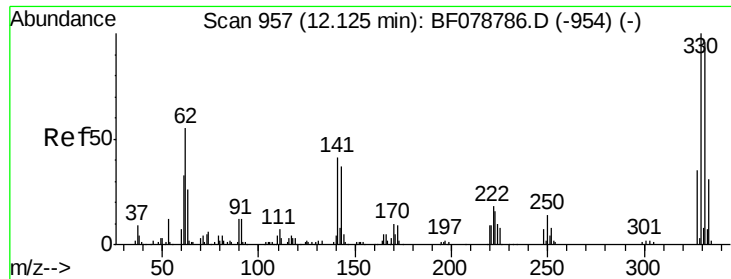
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 11.14 min Scan# 871
 Delta R.T. -0.00 min
 Lab File: BF078816.D
 Acq: 29 Apr 2015 16:35

Tgt Ion	164	Resp	138596
Ion Ratio	Lower	Upper	
164	100		
162	106.6	82.7	124.1
160	47.9	35.8	53.8



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

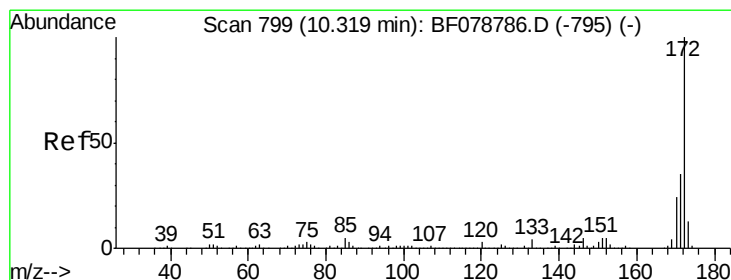
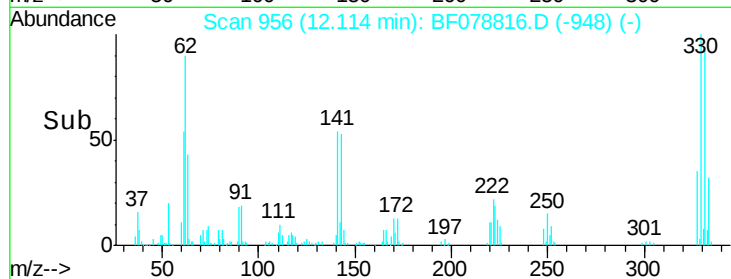
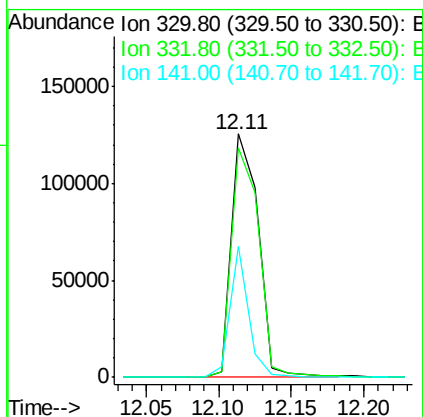
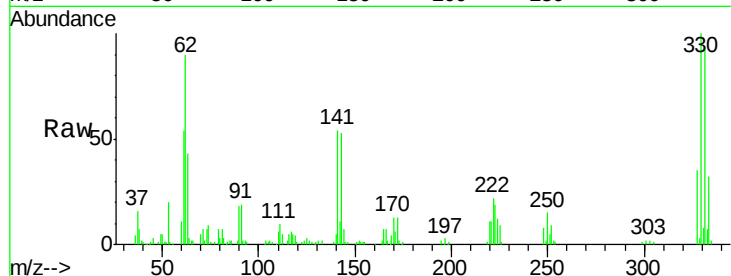




#41
 2,4,6-Tribromophenol
 Concen: 118.23 ng
 RT: 12.11 min Scan# 956
 Delta R.T. -0.01 min
 Lab File: BF078816.D
 Acq: 29 Apr 2015 16:35

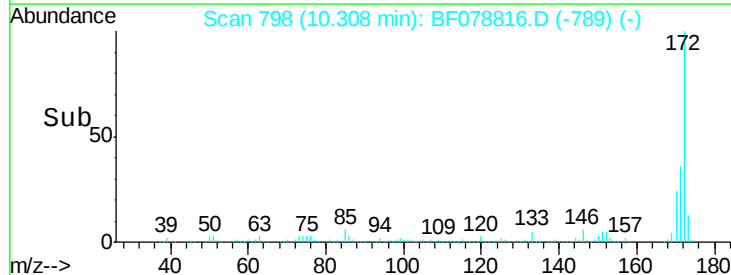
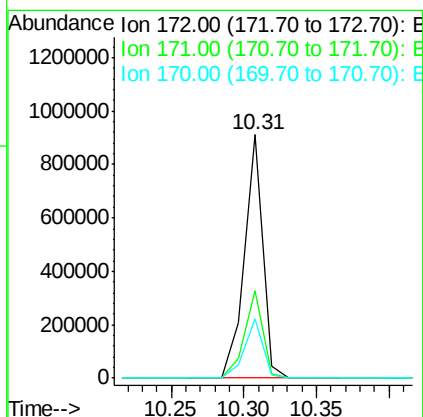
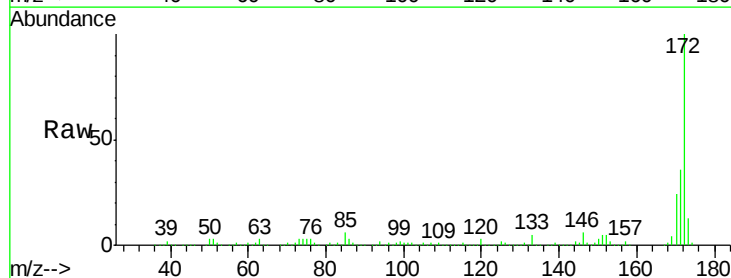
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 BNA_F
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 PB83015BL

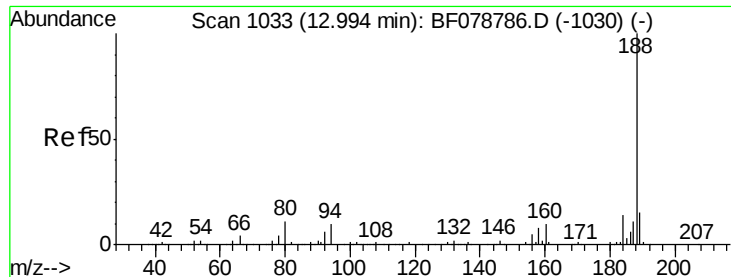
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.0	0.0	0.0#
141	37.3	0.0	0.0#



#44
 2-Fluorobiphenyl
 Concen: 79.58 ng
 RT: 10.31 min Scan# 798
 Delta R.T. -0.00 min
 Lab File: BF078816.D
 Acq: 29 Apr 2015 16:35

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.7	27.9	41.9
170	24.3	19.4	29.0

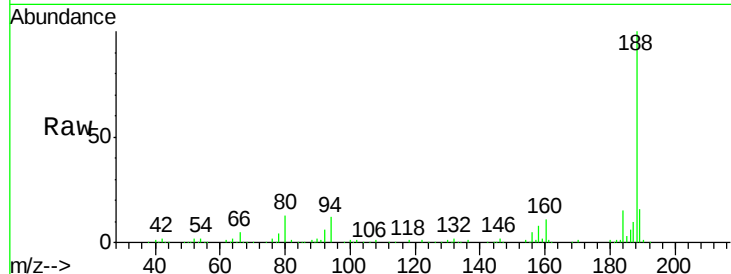




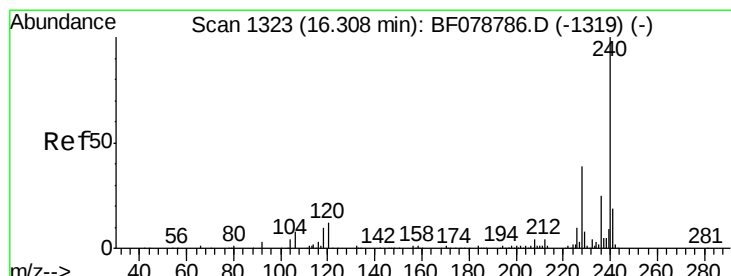
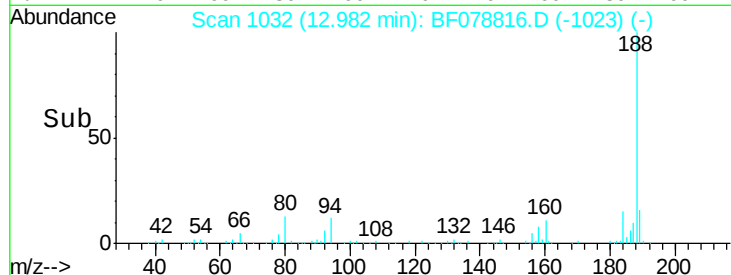
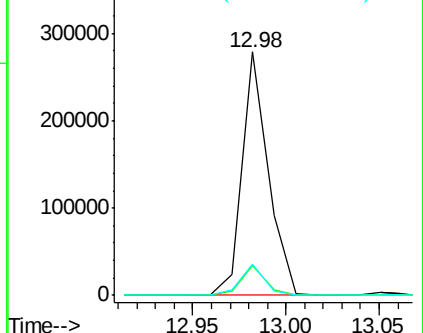
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.98 min Scan# 1032
Delta R.T. -0.00 min
Lab File: BF078816.D
Acq: 29 Apr 2015 16:35

Instrument :
BNA_F
ClientSampleId :
PB83015BL

Tot Ion:188 Resp: 272894
Ion Ratio Lower Upper
188 100
94 12.0 8.2 12.2
80 12.8 8.9 13.3

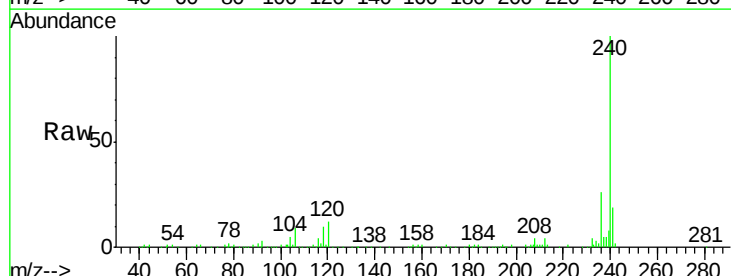


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

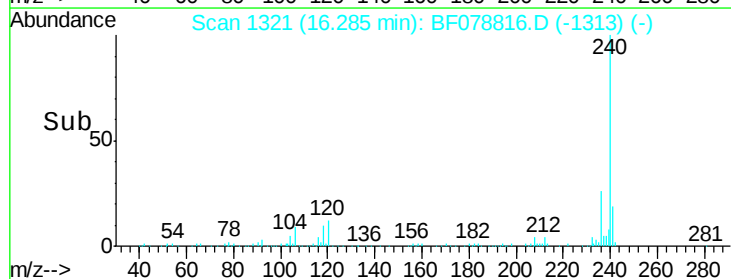
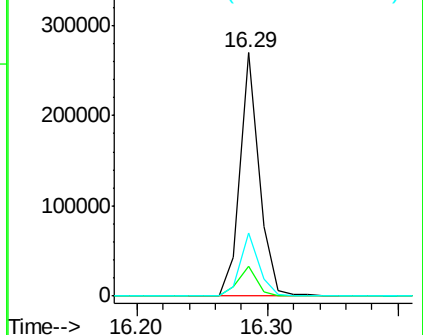


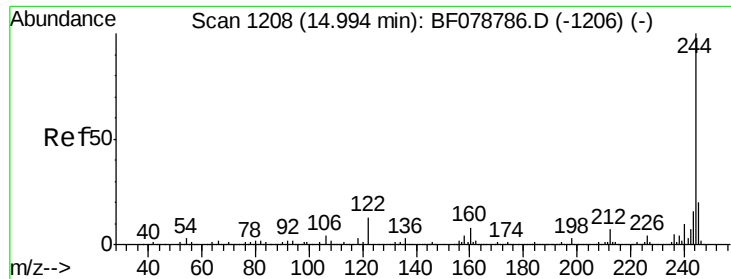
#75
Chrysene-d12
Concen: 20.00 ng
RT: 16.29 min Scan# 1321
Delta R.T. -0.01 min
Lab File: BF078816.D
Acq: 29 Apr 2015 16:35

Tgt Ion:240 Resp: 275821
Ion Ratio Lower Upper
240 100
120 12.3 9.7 14.5
236 25.8 20.2 30.4



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: 80.64 ng

RT: 14.98 min Scan# 1207

Delta R.T. -0.00 min

Lab File: BF078816.D

Acq: 29 Apr 2015 16:35

Instrument :

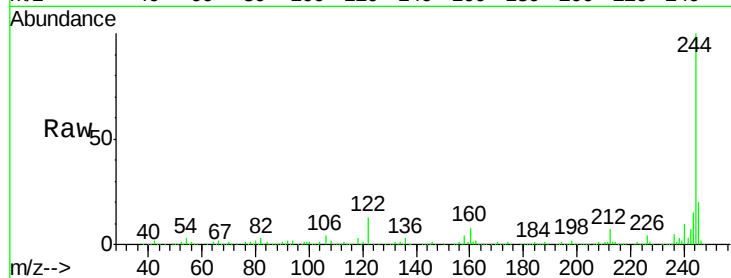
BNA_F

ClientSampleId :

PB83015BL

Tot Ion:244 Resp: 933987

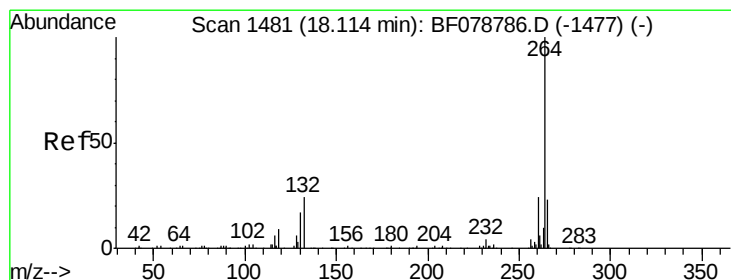
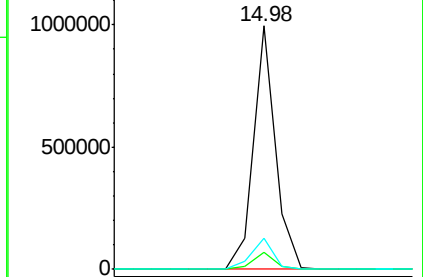
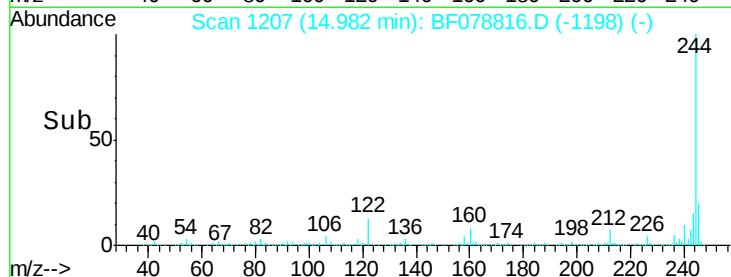
Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.6	8.4
122	12.9	10.3	15.5



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: 20.00 ng

RT: 18.06 min Scan# 1476

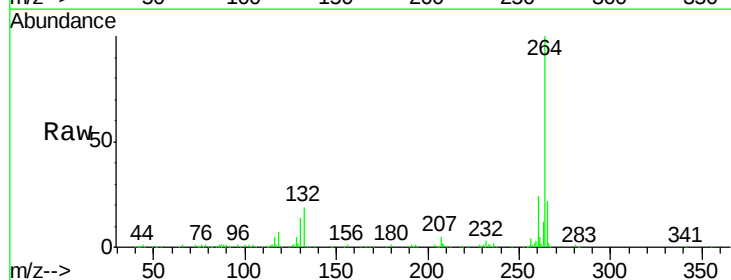
Delta R.T. -0.02 min

Lab File: BF078816.D

Acq: 29 Apr 2015 16:35

Tgt Ion:264 Resp: 267095

Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.4	29.2
265	21.9	18.3	27.5



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

