

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070215\
 Data File : BF080319.D
 Acq On : 2 Jul 2015 20:27
 Operator : TP/UM
 Sample : PB84336TB
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB84336TB

Quant Time: Jul 03 05:02:28 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF070115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 03 03:51:56 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.24	152	31245	20.00	ng	0.00
21) Naphthalene-d8	8.53	136	117243	20.00	ng	0.00
38) Acenaphthene-d10	10.30	164	50559	20.00	ng	0.00
63) Phenanthrene-d10	11.80	188	107765	20.00	ng	-0.01
75) Chrysene-d12	14.84	240	116072	20.00	ng	-0.01
86) Perylene-d12	16.75	264	112656	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.85	112	206311	114.35	ng	0.00
7) Phenol-d6	6.84	99	252615	104.30	ng	0.00
23) Nitrobenzene-d5	7.80	82	135020	63.41	ng	0.00
41) 2,4,6-Tribromophenol	11.09	330	61381	127.50	ng	0.00
44) 2-Fluorobiphenyl	9.61	172	326697	93.00	ng	0.00
78) Terphenyl-d14	13.54	244	368366	74.34	ng	0.00

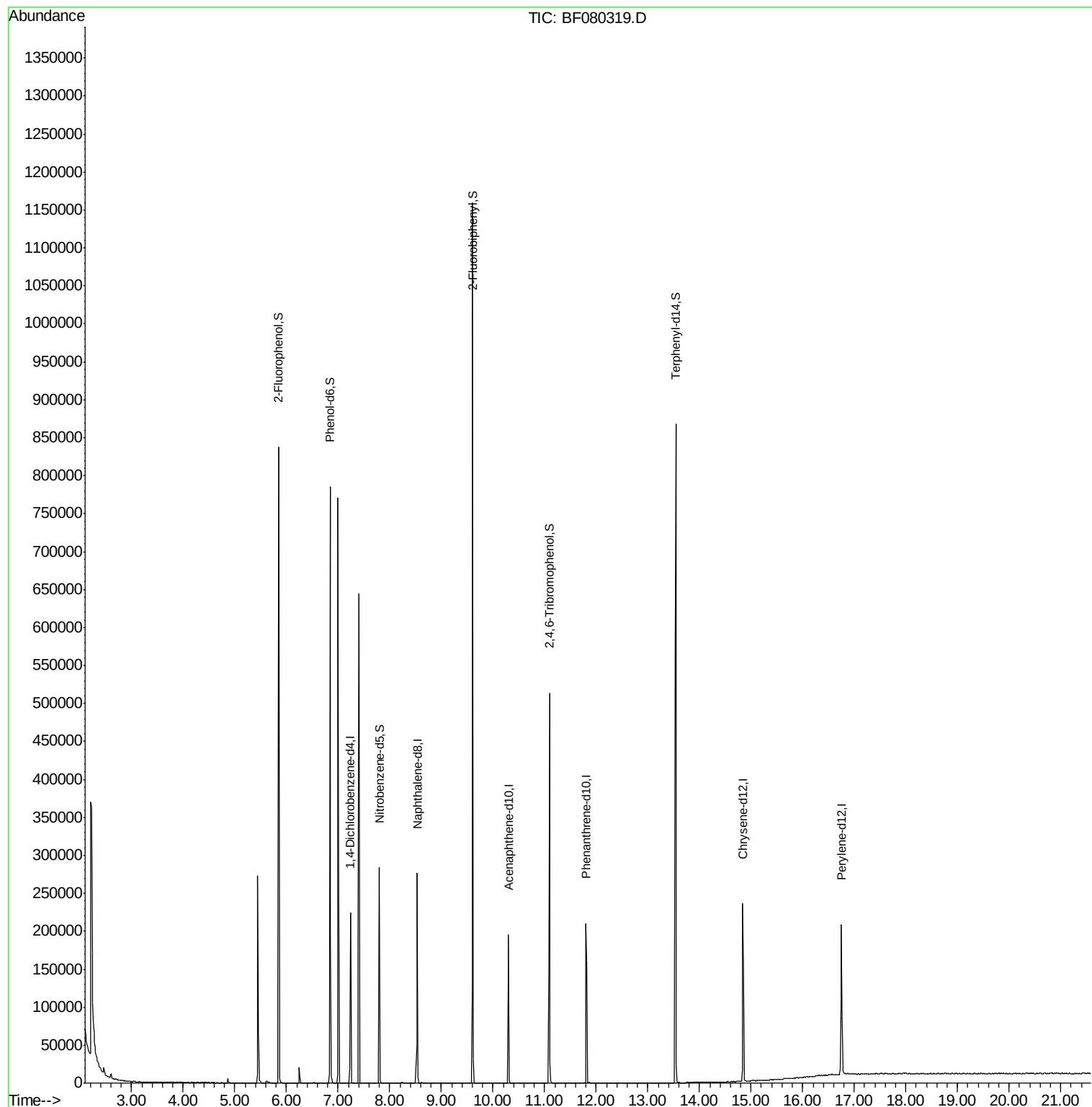
Target Compounds	Qvalue
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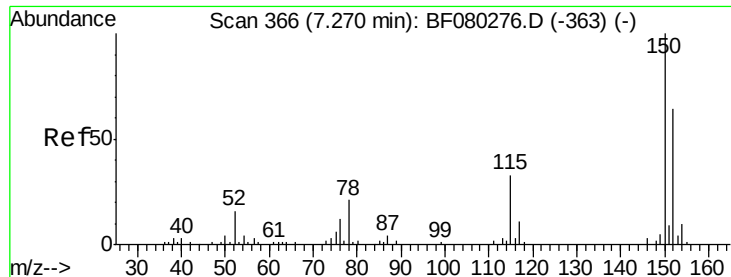
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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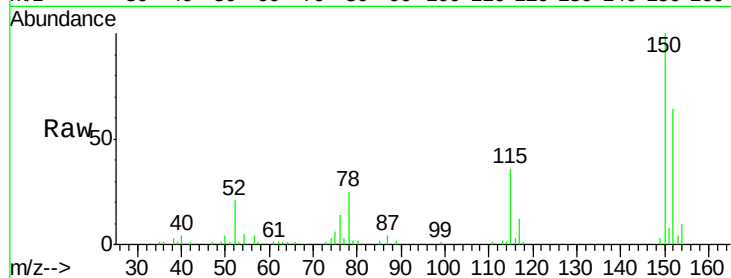


#1

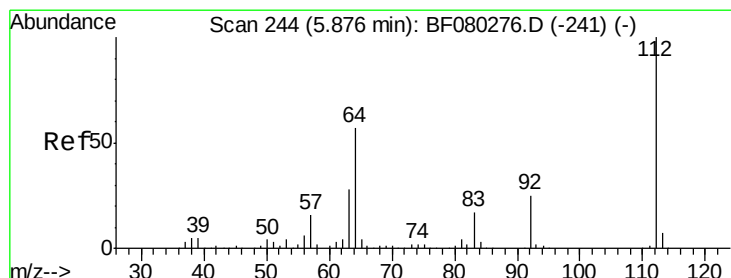
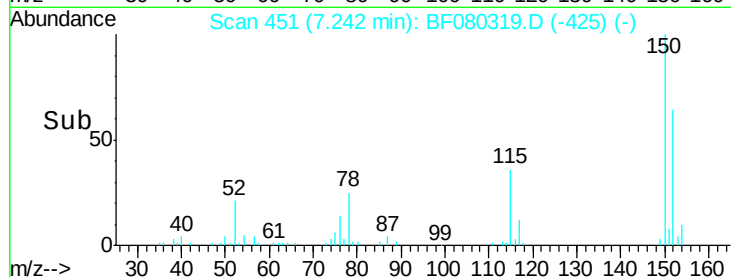
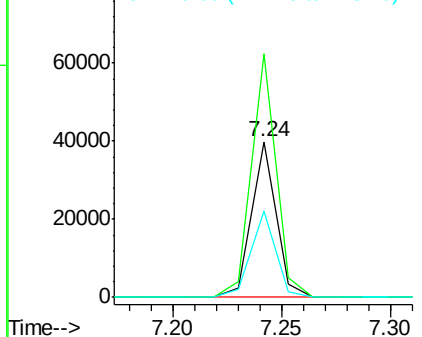
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.24 min Scan# 451
Delta R.T. 0.00 min
Lab File: BF080319.D
Acq: 2 Jul 2015 20:27

Instrument :
BNA_F
ClientSampleId :
PB84336TB

Tgt Ion:152 Resp: 31245
Ion Ratio Lower Upper
152 100
150 156.3 124.7 187.1
115 55.6 41.0 61.6



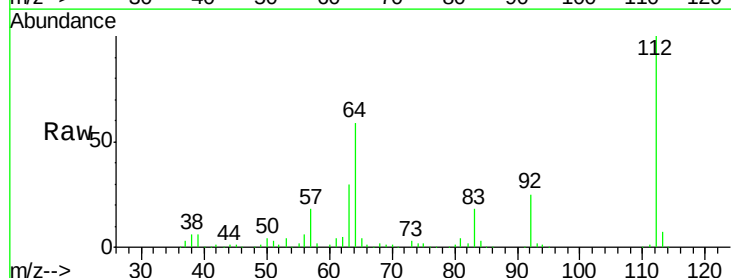
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



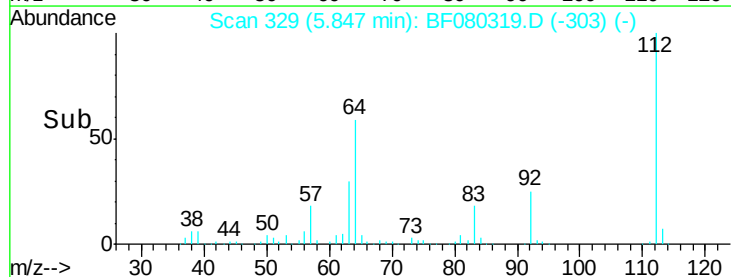
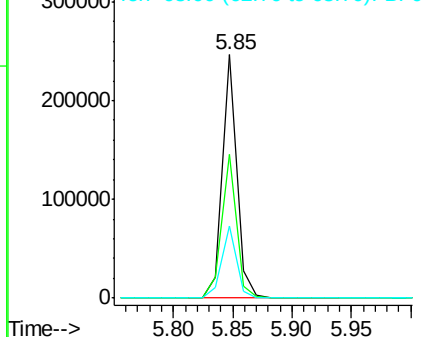
#5

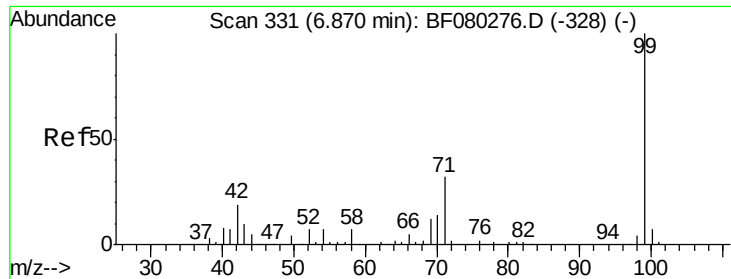
2-Fluorophenol
Concen: 114.35 ng
RT: 5.85 min Scan# 329
Delta R.T. 0.00 min
Lab File: BF080319.D
Acq: 2 Jul 2015 20:27

Tgt Ion:112 Resp: 206311
Ion Ratio Lower Upper
112 100
64 59.2 45.5 68.3
63 29.6 22.4 33.6



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: 104.30 ng

RT: 6.84 min Scan# 416

Delta R.T. 0.00 min

Lab File: BF080319.D

Acq: 2 Jul 2015 20:27

Instrument :

BNA_F

ClientSampleId :

PB84336TB

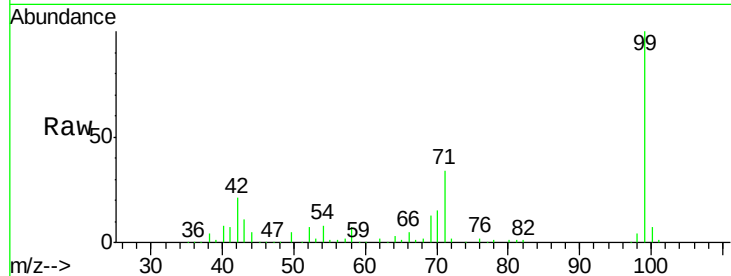
Tgt Ion: 99 Resp: 252615

Ion Ratio Lower Upper

99 100

42 21.0 15.4 23.2

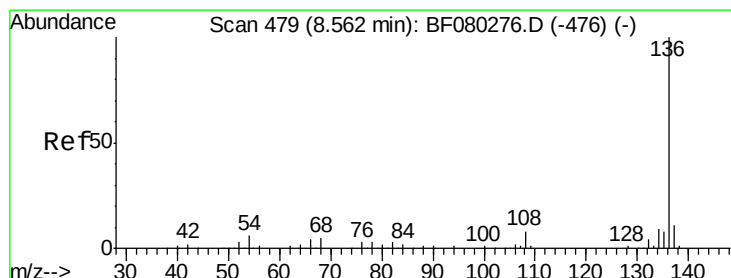
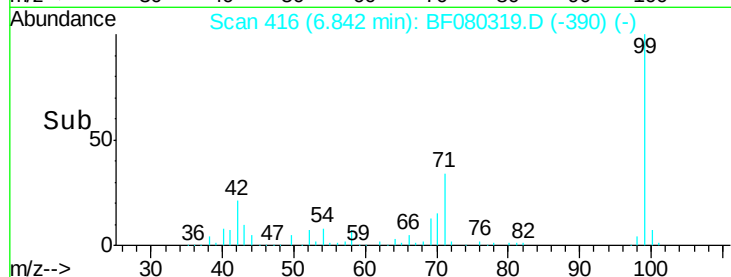
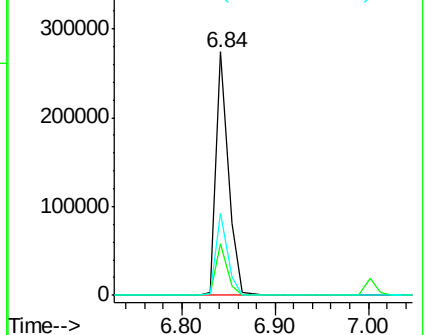
71 33.9 25.8 38.8



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: 8.53 min Scan# 564

Delta R.T. 0.00 min

Lab File: BF080319.D

Acq: 2 Jul 2015 20:27

Tgt Ion: 136 Resp: 117243

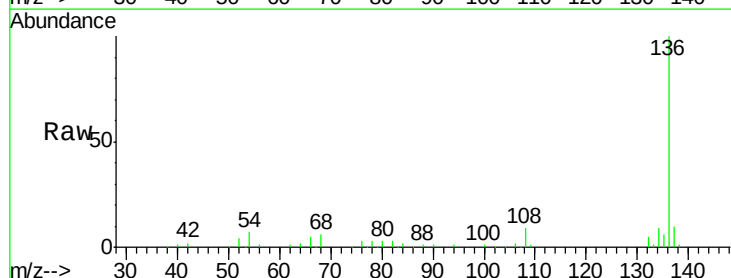
Ion Ratio Lower Upper

136 100

137 10.5 8.4 12.6

54 6.9 4.9 7.3

68 5.8 4.0 6.0

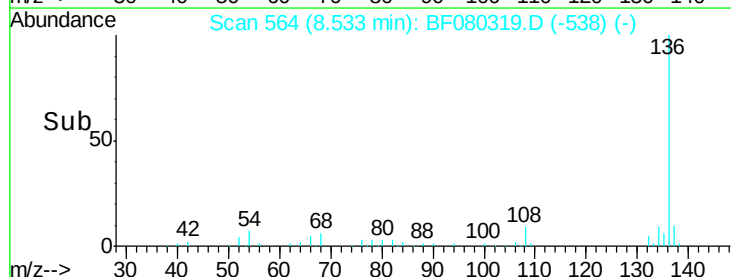
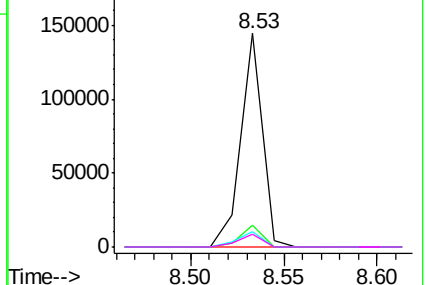


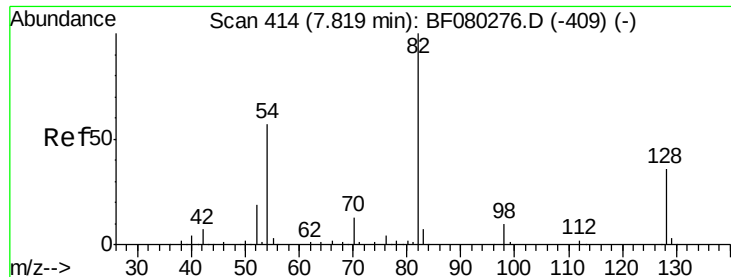
Abundance Ion 136.00 (135.70 to 136.70): E

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

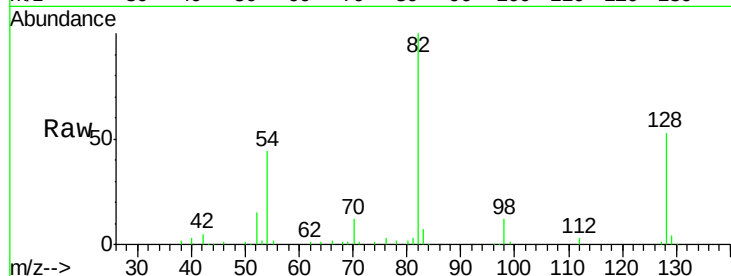




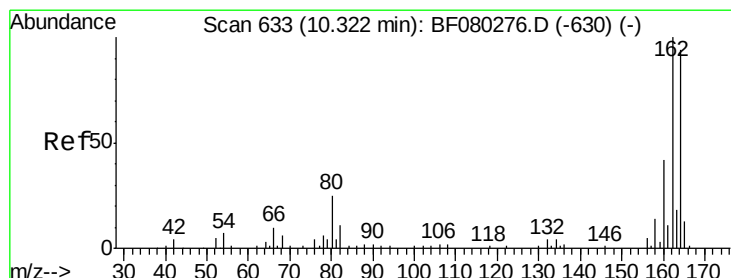
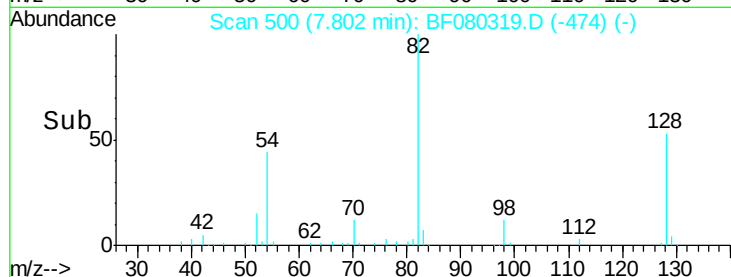
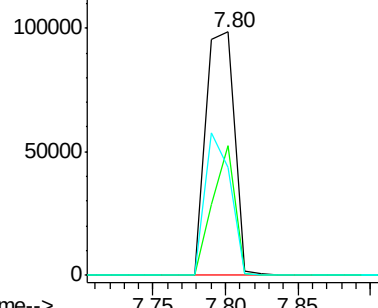
#23
 Nitrobenzene-d5
 Concen: 63.41 ng
 RT: 7.80 min Scan# 500
 Delta R.T. 0.00 min
 Lab File: BF080319.D
 Acq: 2 Jul 2015 20:27

Instrument :
 BNA_F
 ClientSampleId :
 PB84336TB

Tgt Ion: 82 Resp: 135020
 Ion Ratio Lower Upper
 82 100
 128 53.2 29.0 43.4#
 54 44.5 45.3 67.9#

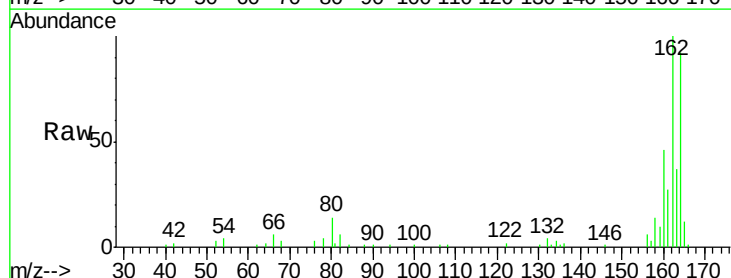


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

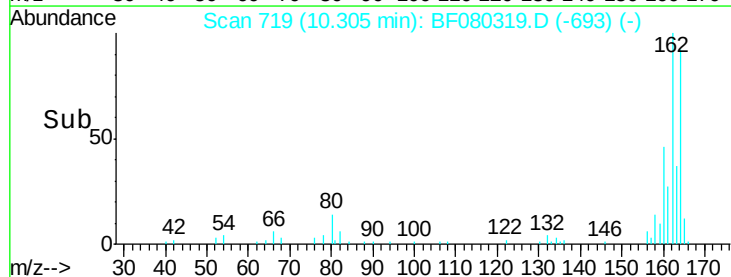
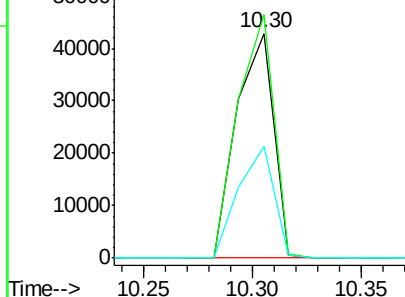


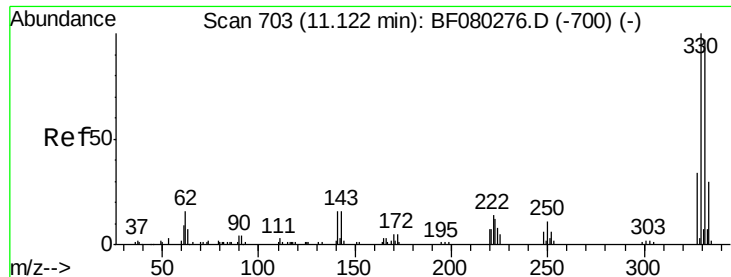
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.30 min Scan# 719
 Delta R.T. 0.00 min
 Lab File: BF080319.D
 Acq: 2 Jul 2015 20:27

Tgt Ion: 164 Resp: 50559
 Ion Ratio Lower Upper
 164 100
 162 108.4 84.8 127.2
 160 50.0 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

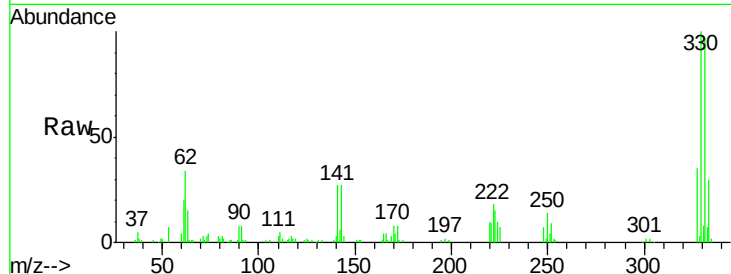




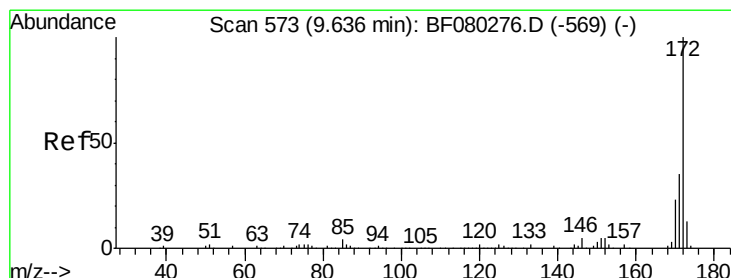
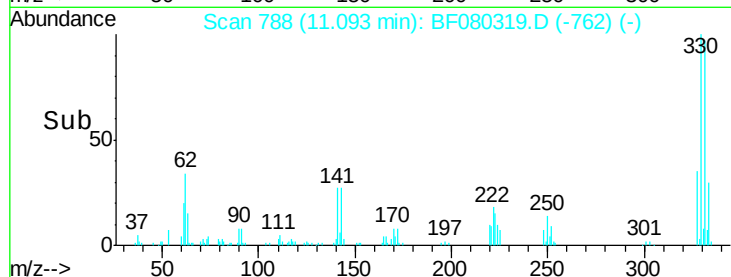
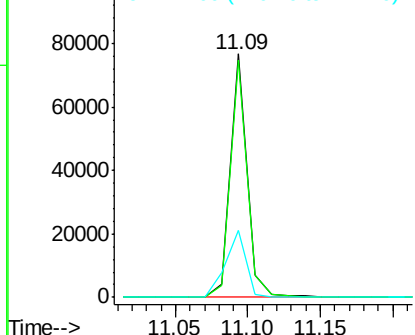
#41
 2,4,6-Tribromophenol
 Concen: 127.50 ng
 RT: 11.09 min Scan# 788
 Delta R.T. 0.00 min
 Lab File: BF080319.D
 Acq: 2 Jul 2015 20:27

Instrument :
 BNA_F
 ClientSampleId :
 PB84336TB

Tgt Ion:330 Resp: 61381
 Ion Ratio Lower Upper
 330 100
 332 97.3 77.4 116.2
 141 33.4 28.0 42.0

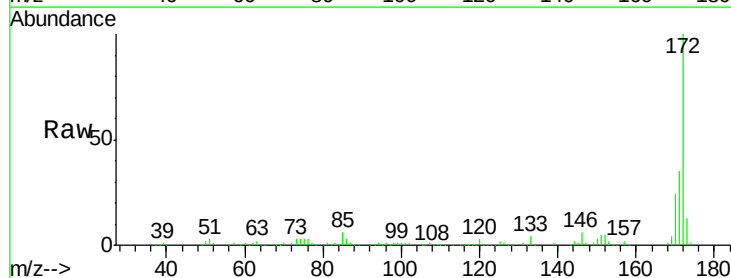


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

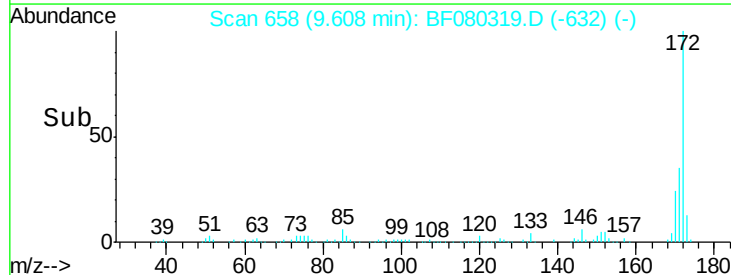
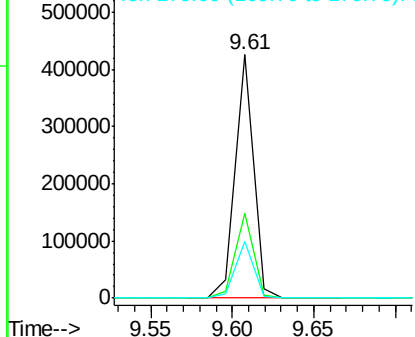


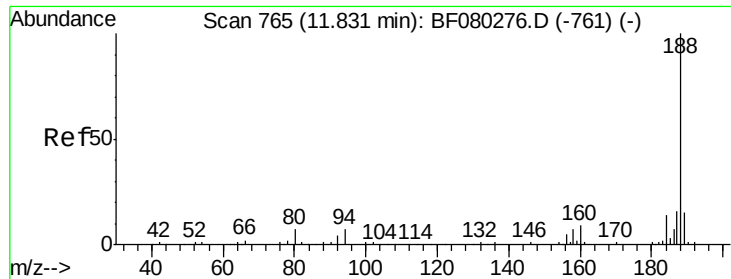
#44
 2-Fluorobiphenyl
 Concen: 93.00 ng
 RT: 9.61 min Scan# 658
 Delta R.T. 0.00 min
 Lab File: BF080319.D
 Acq: 2 Jul 2015 20:27

Tgt Ion:172 Resp: 326697
 Ion Ratio Lower Upper
 172 100
 171 34.7 28.1 42.1
 170 23.5 18.6 28.0



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

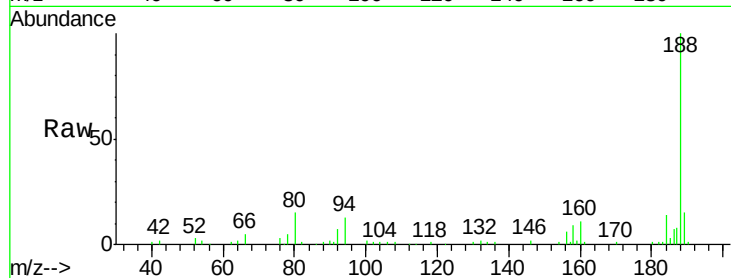




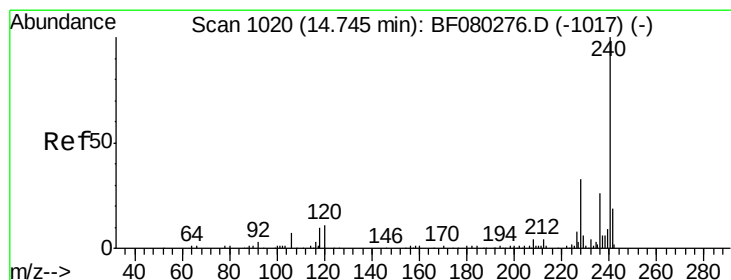
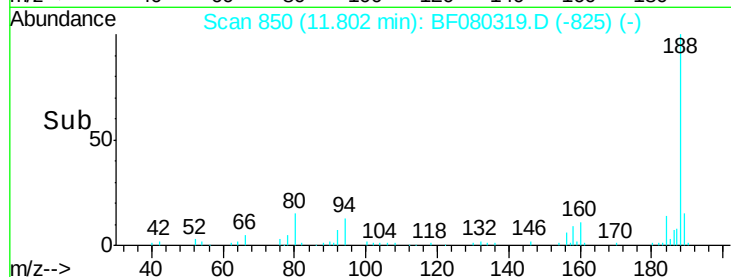
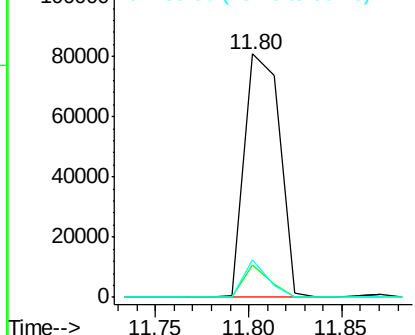
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.80 min Scan# 850
Delta R.T. -0.01 min
Lab File: BF080319.D
Acq: 2 Jul 2015 20:27

Instrument :
BNA_F
ClientSampled :
PB84336TB

Tgt Ion:188 Resp: 107765
Ion Ratio Lower Upper
188 100
94 13.1 5.4 8.0#
80 15.2 5.8 8.6#

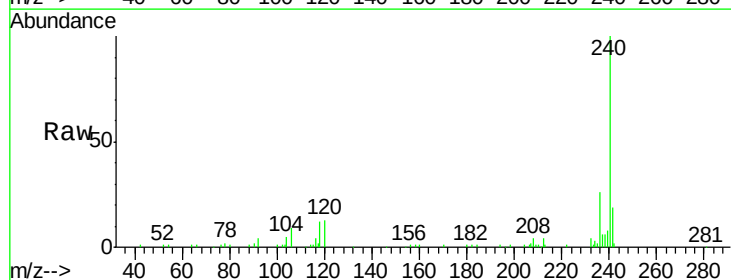


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

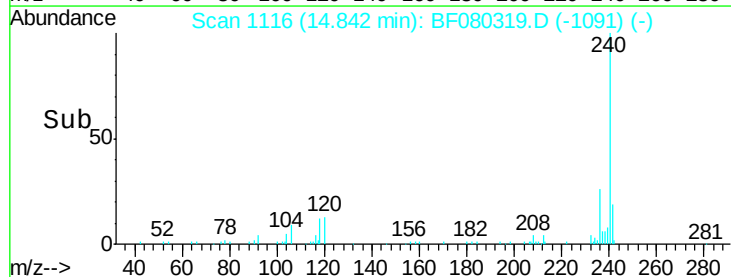
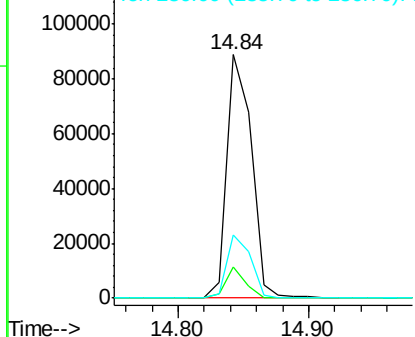


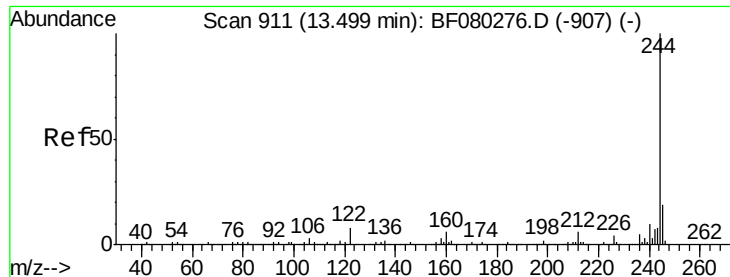
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.84 min Scan# 1116
Delta R.T. -0.01 min
Lab File: BF080319.D
Acq: 2 Jul 2015 20:27

Tgt Ion:240 Resp: 116072
Ion Ratio Lower Upper
240 100
120 13.0 8.7 13.1
236 25.7 20.9 31.3



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

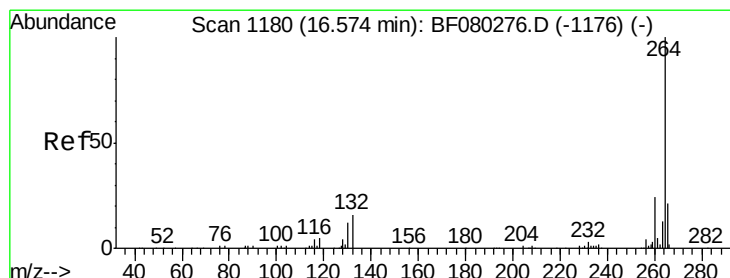
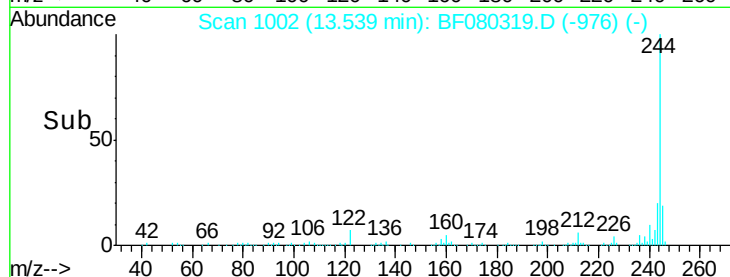
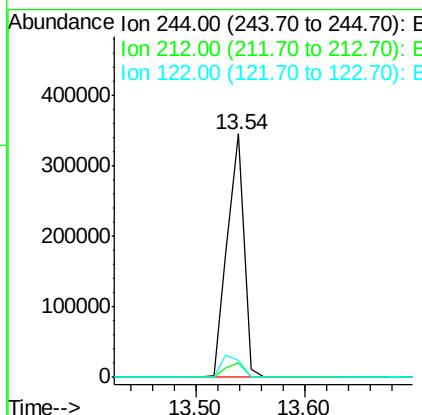
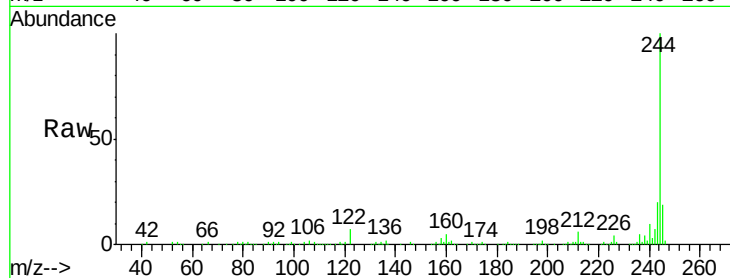




#78
 Terphenyl-d14
 Concen: 74.34 ng
 RT: 13.54 min Scan# 1002
 Delta R.T. 0.00 min
 Lab File: BF080319.D
 Acq: 2 Jul 2015 20:27

Instrument :
 BNA_F
 ClientSampleId :
 PB84336TB

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.2	5.0	7.6
122	7.2	6.6	9.8



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 16.75 min Scan# 1283
 Delta R.T. -0.01 min
 Lab File: BF080319.D
 Acq: 2 Jul 2015 20:27

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.2	28.8
265	21.4	16.9	25.3

