

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070115\
 Data File : BF080298.D
 Acq On : 2 Jul 2015 5:49
 Operator : TP/UM
 Sample : PB84309TB
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB84309TB

Quant Time: Jul 02 08:26:59 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF070115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 02 03:50:52 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.27	152	44056	20.00	ng	0.00
21) Naphthalene-d8	8.56	136	166848	20.00	ng	0.00
38) Acenaphthene-d10	10.32	164	93862	20.00	ng	0.00
63) Phenanthrene-d10	11.83	188	182895	20.00	ng	0.00
75) Chrysene-d12	14.76	240	169548	20.00	ng	0.01
86) Perylene-d12	16.60	264	155485	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.88	112	305181	119.96	ng	0.00
7) Phenol-d6	6.87	99	390757	114.42	ng	0.00
23) Nitrobenzene-d5	7.82	82	218131	71.98	ng	0.00
41) 2,4,6-Tribromophenol	11.12	330	93859	105.02	ng	0.00
44) 2-Fluorobiphenyl	9.64	172	473068	72.54	ng	0.00
78) Terphenyl-d14	13.50	244	539039	74.47	ng	0.00

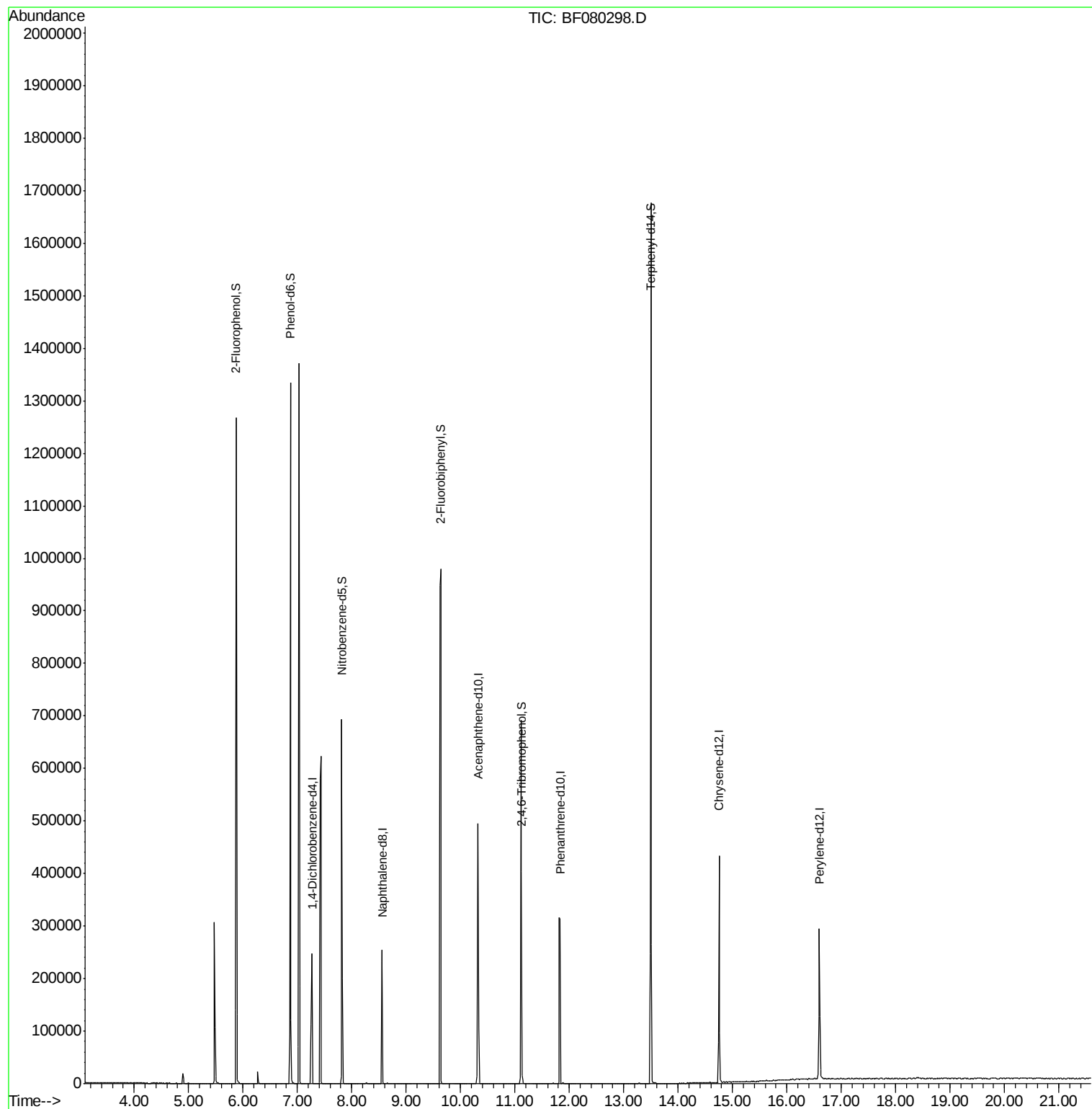
Target Compounds	Qvalue
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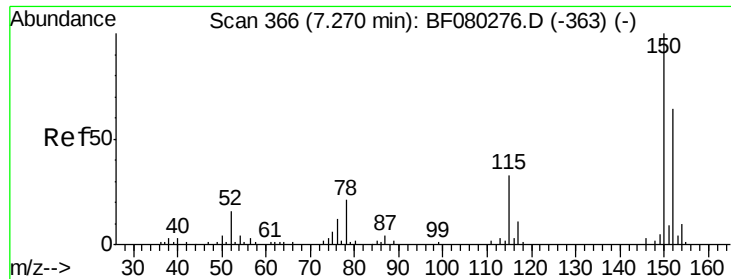
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.27 min Scan# 366

Delta R.T. 0.00 min

Lab File: BF080298.D

Acq: 2 Jul 2015 5:49

Instrument :

BNA_F

ClientSampleId :

PB84309TB

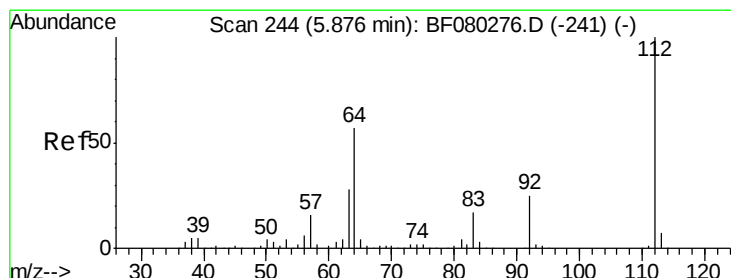
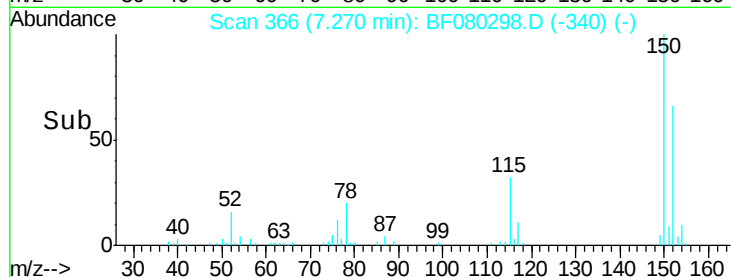
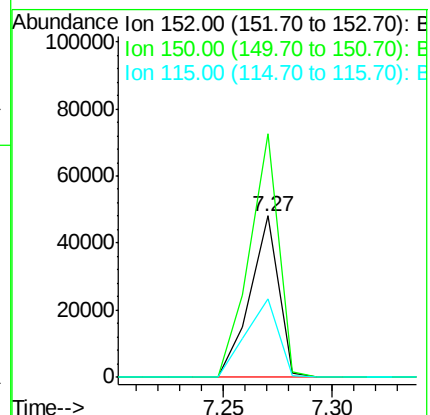
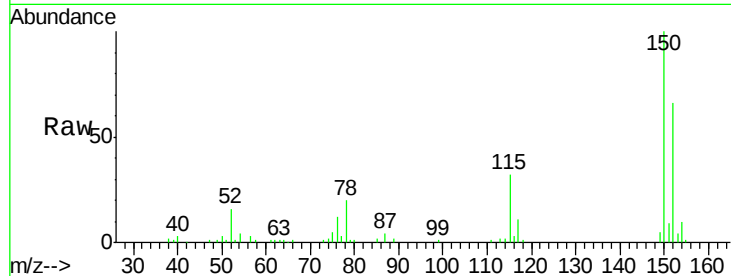
Tgt Ion:152 Resp: 44056

Ion Ratio Lower Upper

152 100

150 150.8 124.7 187.1

115 48.7 41.0 61.6



#5

2-Fluorophenol

Concen: 119.96 ng

RT: 5.88 min Scan# 244

Delta R.T. 0.00 min

Lab File: BF080298.D

Acq: 2 Jul 2015 5:49

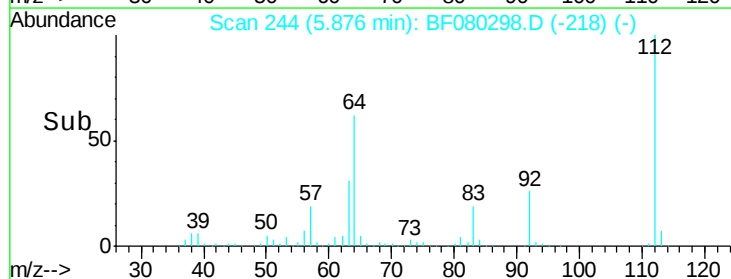
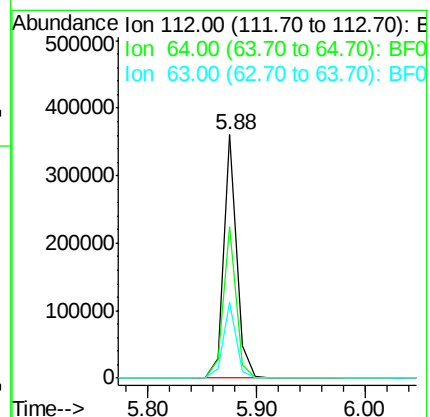
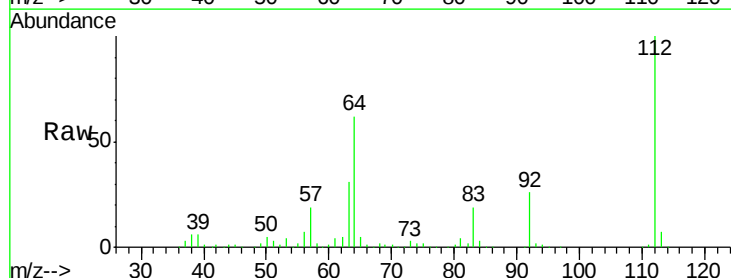
Tgt Ion:112 Resp: 305181

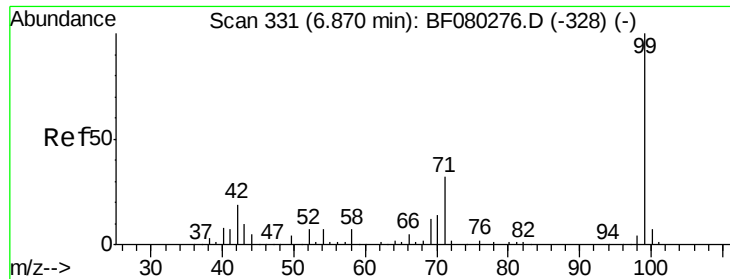
Ion Ratio Lower Upper

112 100

64 62.0 45.5 68.3

63 31.1 22.4 33.6





#7

Phenol-d6

Concen: 114.42 ng

RT: 6.87 min Scan# 331

Delta R.T. 0.00 min

Lab File: BF080298.D

Acq: 2 Jul 2015 5:49

Instrument :

BNA_F

ClientSampleId :

PB84309TB

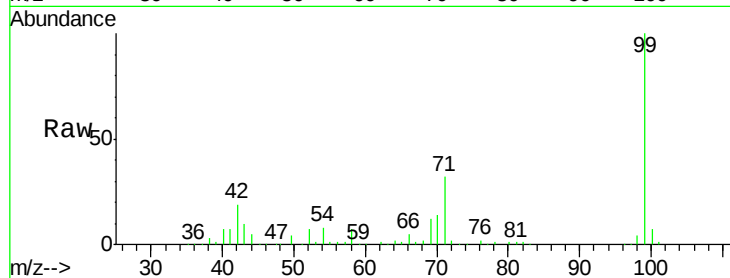
Tgt Ion: 99 Resp: 390757

Ion Ratio Lower Upper

99 100

42 19.4 15.4 23.2

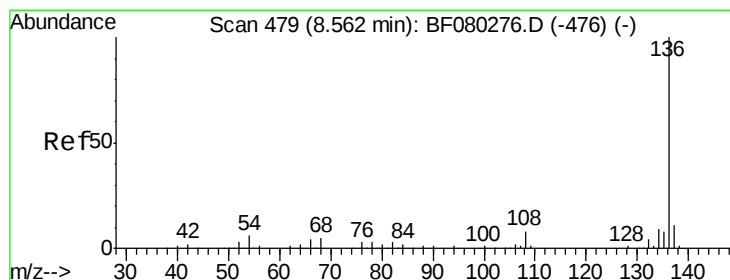
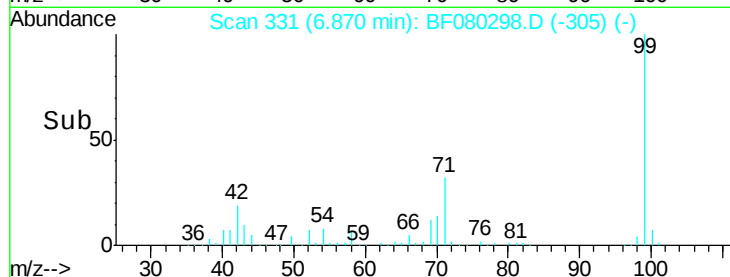
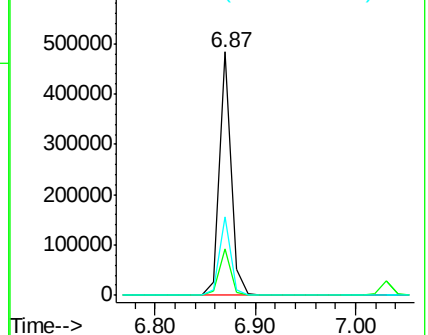
71 32.3 25.8 38.8



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: 8.56 min Scan# 479

Delta R.T. 0.00 min

Lab File: BF080298.D

Acq: 2 Jul 2015 5:49

Tgt Ion: 136 Resp: 166848

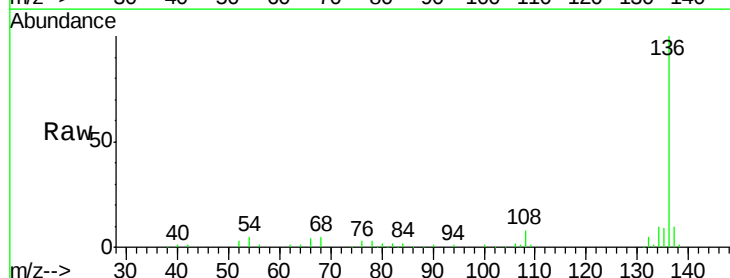
Ion Ratio Lower Upper

136 100

137 10.3 8.4 12.6

54 5.3 4.9 7.3

68 4.6 4.0 6.0

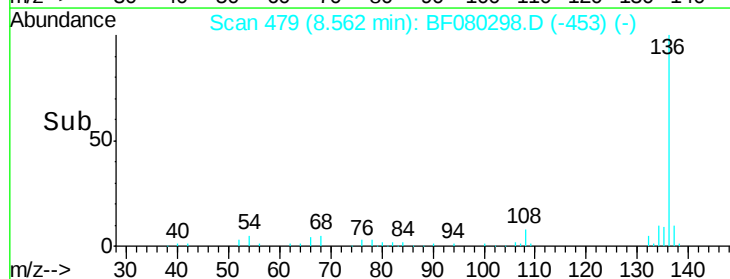
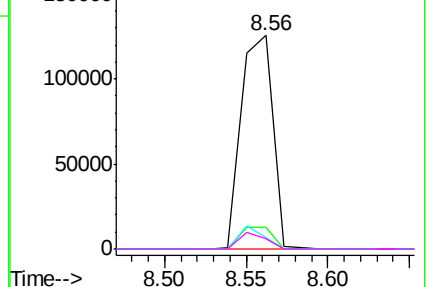


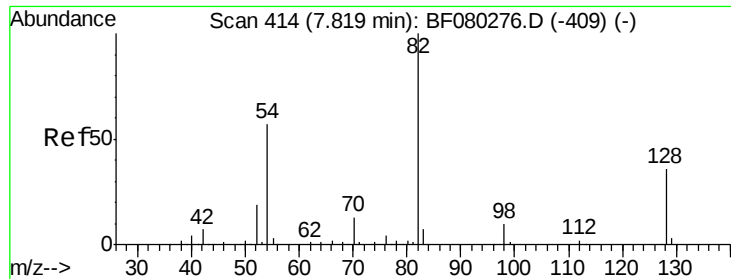
Abundance Ion 136.00 (135.70 to 136.70): E

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

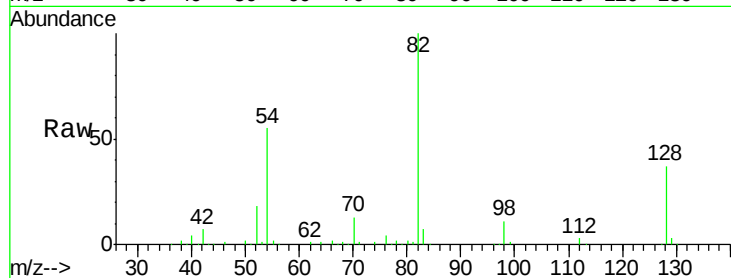




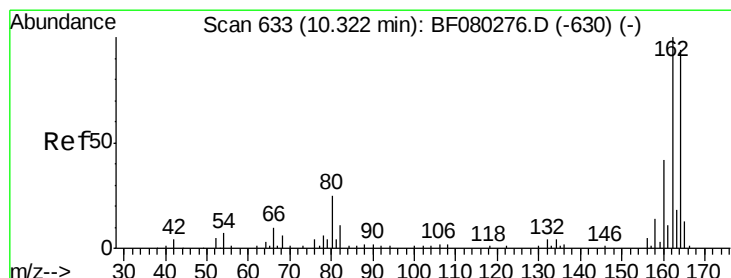
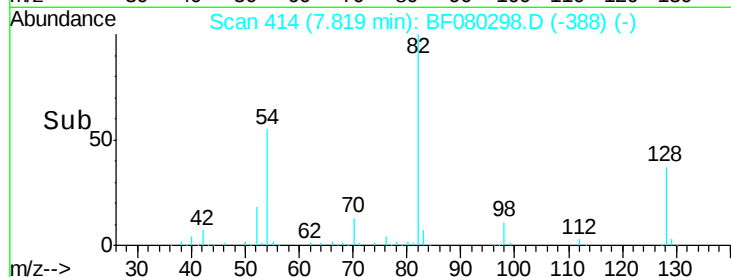
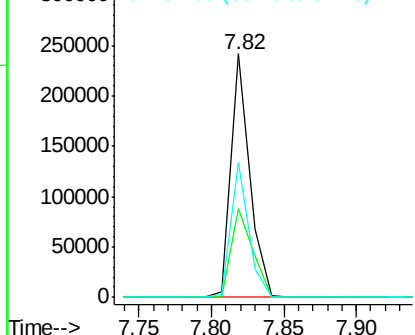
#23
 Nitrobenzene-d5
 Concen: 71.98 ng
 RT: 7.82 min Scan# 414
 Delta R.T. 0.00 min
 Lab File: BF080298.D
 Acq: 2 Jul 2015 5:49

Instrument :
 BNA_F
 ClientSampleId :
 PB84309TB

Tgt Ion: 82 Resp: 218131
 Ion Ratio Lower Upper
 82 100
 128 36.7 29.0 43.4
 54 55.3 45.3 67.9

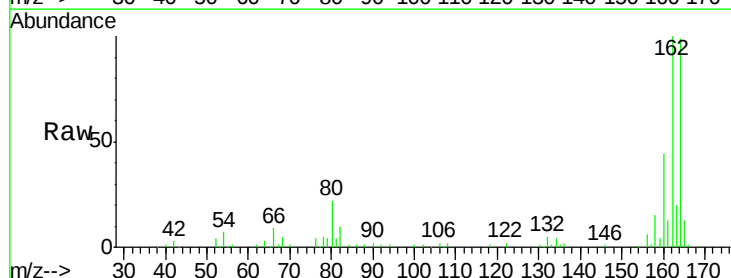


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

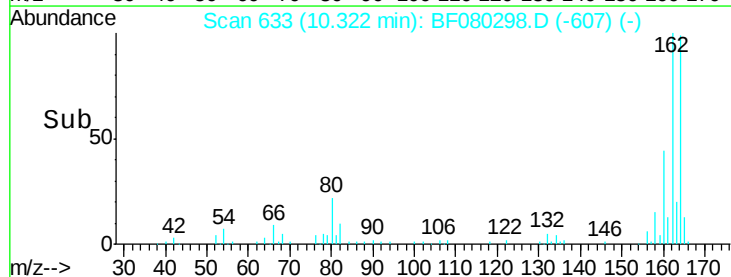
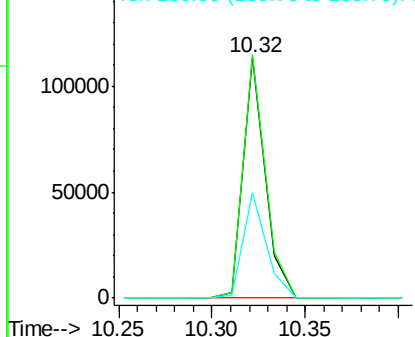


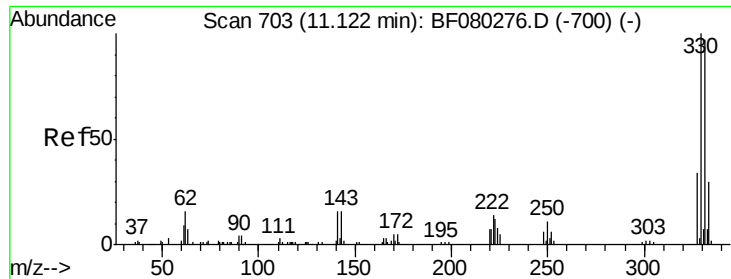
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.32 min Scan# 633
 Delta R.T. 0.00 min
 Lab File: BF080298.D
 Acq: 2 Jul 2015 5:49

Tgt Ion: 164 Resp: 93862
 Ion Ratio Lower Upper
 164 100
 162 101.1 84.8 127.2
 160 44.0 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

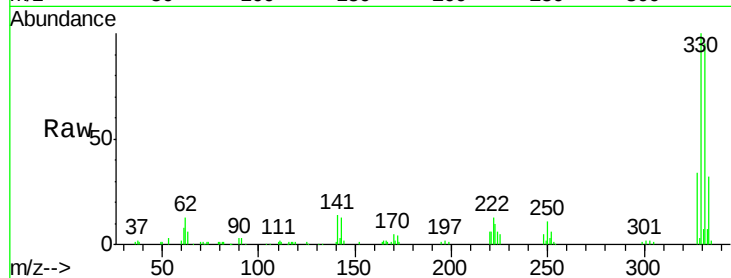




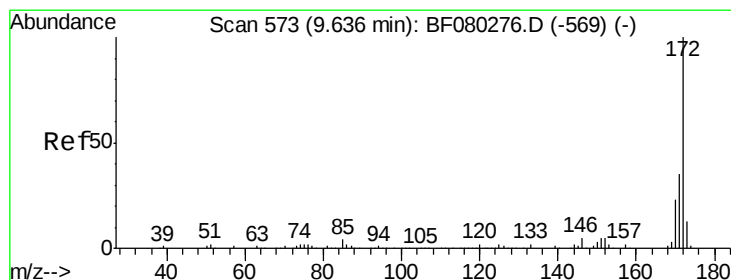
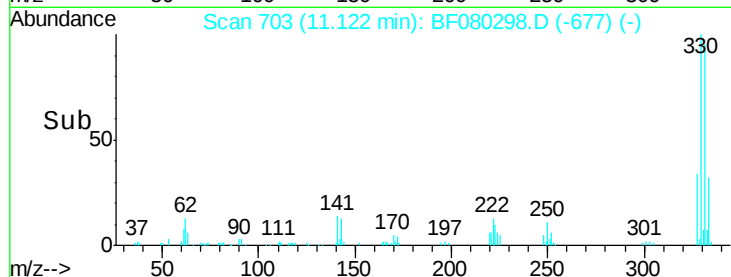
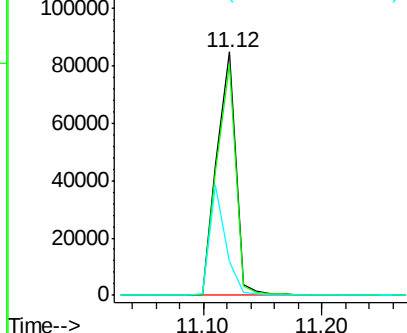
#41
 2,4,6-Tribromophenol
 Concen: 105.02 ng
 RT: 11.12 min Scan# 703
 Delta R.T. 0.00 min
 Lab File: BF080298.D
 Acq: 2 Jul 2015 5:49

Instrument :
 BNA_F
 ClientSampleId :
 PB84309TB

Tgt Ion:330 Resp: 93859
 Ion Ratio Lower Upper
 330 100
 332 94.5 77.4 116.2
 141 38.0 28.0 42.0

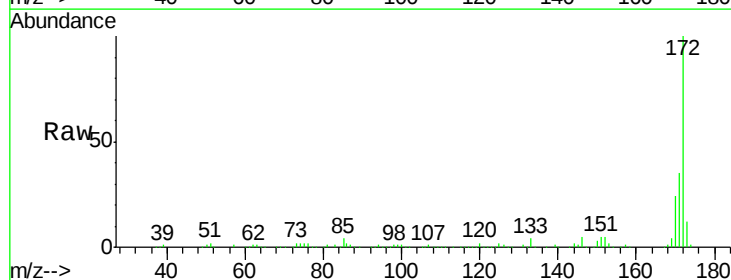


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

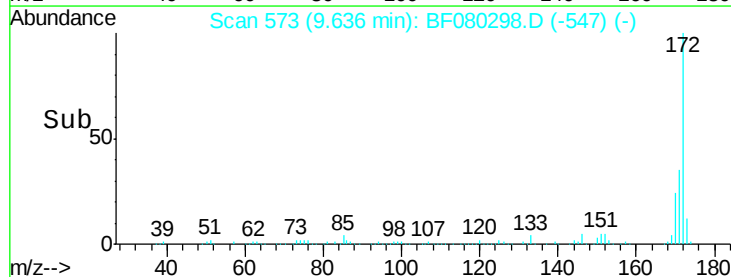
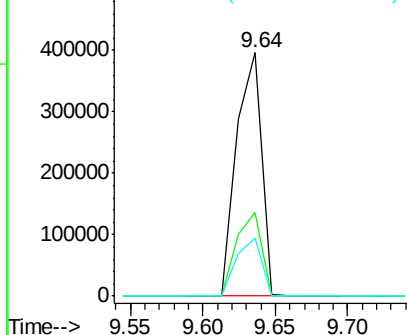


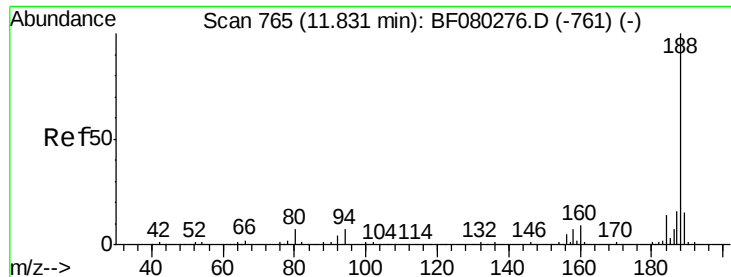
#44
 2-Fluorobiphenyl
 Concen: 72.54 ng
 RT: 9.64 min Scan# 573
 Delta R.T. 0.00 min
 Lab File: BF080298.D
 Acq: 2 Jul 2015 5:49

Tgt Ion:172 Resp: 473068
 Ion Ratio Lower Upper
 172 100
 171 34.5 28.1 42.1
 170 23.6 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

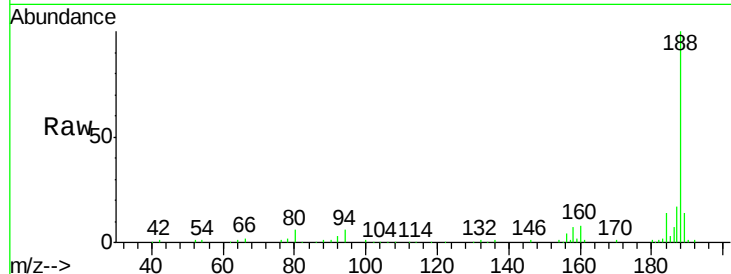




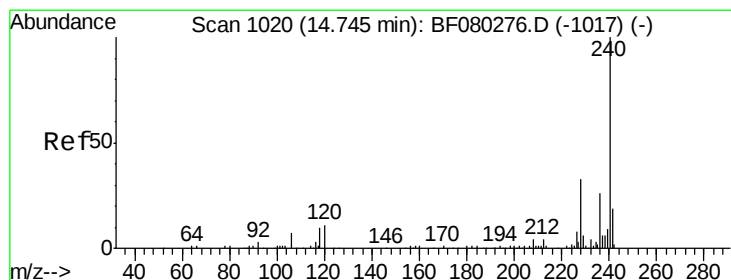
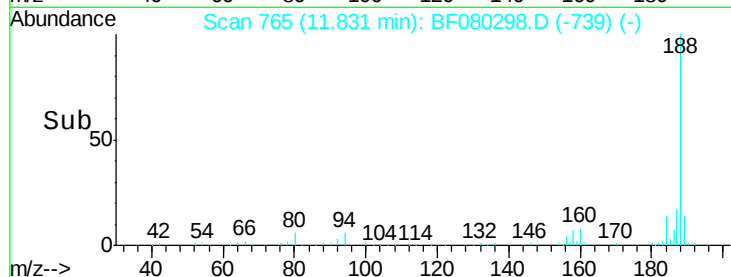
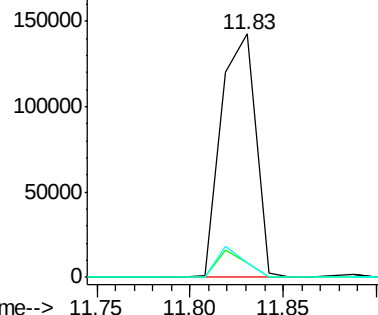
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.83 min Scan# 765
Delta R.T. 0.00 min
Lab File: BF080298.D
Acq: 2 Jul 2015 5:49

Instrument :
BNA_F
ClientSampleId :
PB84309TB

Tgt Ion	Ratio	Lower	Upper
188	100		
94	5.9	5.4	8.0
80	6.1	5.8	8.6

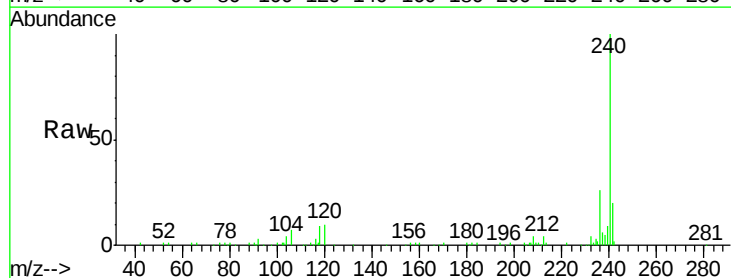


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

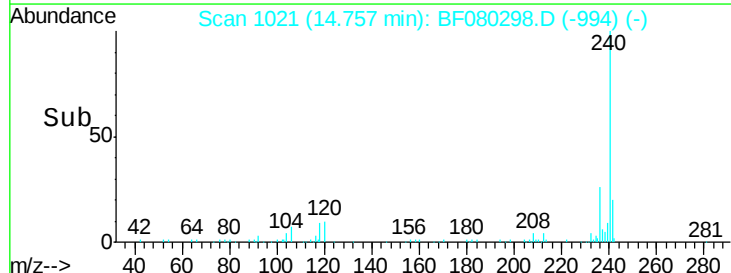
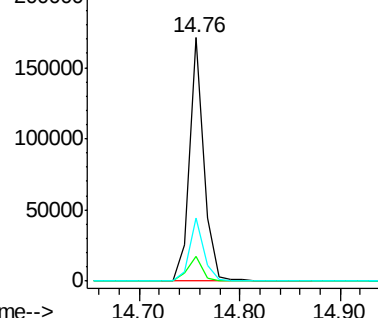


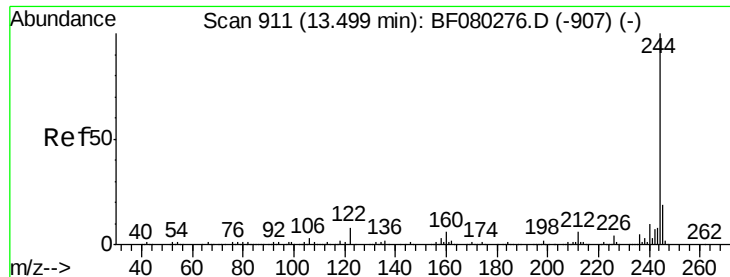
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.76 min Scan# 1021
Delta R.T. 0.01 min
Lab File: BF080298.D
Acq: 2 Jul 2015 5:49

Tgt Ion	Ratio	Lower	Upper
240	100		
120	10.2	8.7	13.1
236	26.1	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: 74.47 ng

RT: 13.50 min Scan# 911

Delta R.T. 0.00 min

Lab File: BF080298.D

Acq: 2 Jul 2015 5:49

Instrument :

BNA_F

ClientSampleId :

PB84309TB

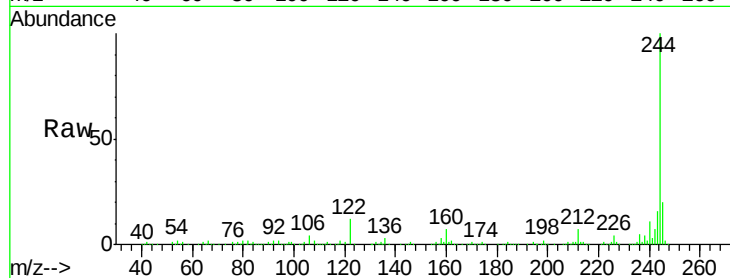
Tgt Ion:244 Resp: 539039

Ion Ratio Lower Upper

244 100

212 7.2 5.0 7.6

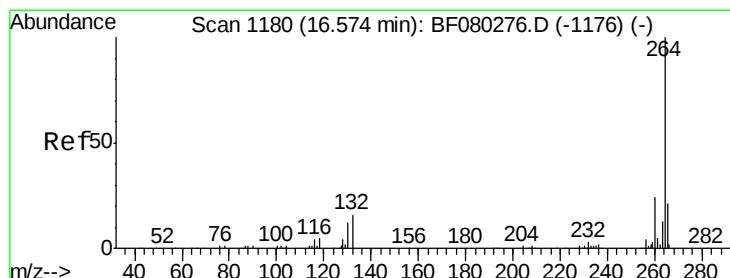
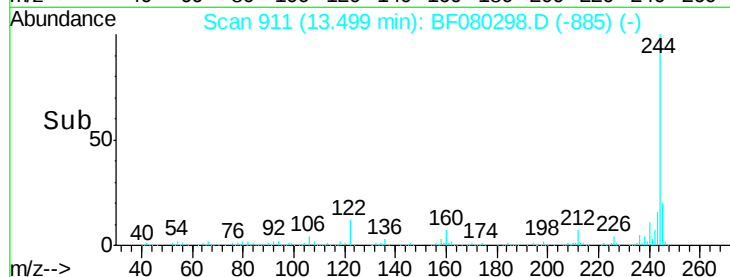
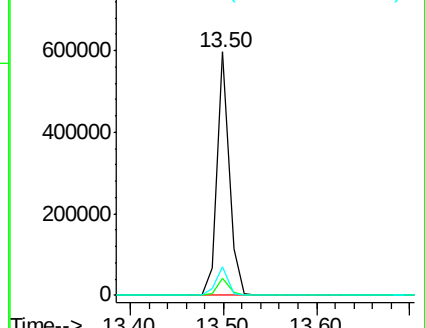
122 11.6 6.6 9.8#



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: 16.60 min Scan# 1182

Delta R.T. 0.02 min

Lab File: BF080298.D

Acq: 2 Jul 2015 5:49

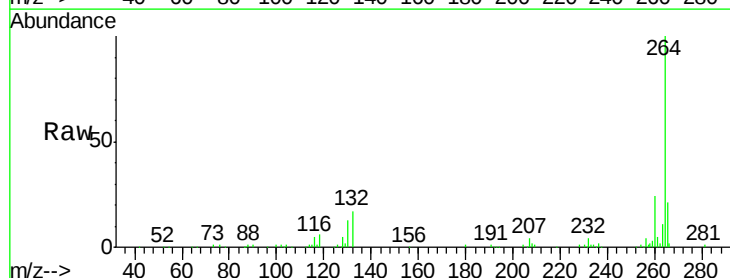
Tgt Ion:264 Resp: 155485

Ion Ratio Lower Upper

264 100

260 23.9 19.2 28.8

265 21.4 16.9 25.3



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

