

Data Path : S:\HPCHEM1\BNA_F\DATA\BF031016\
 Data File : BF085333.D
 Acq On : 10 Mar 2016 15:12
 Operator : UM/SJ
 Sample : PB88797BL
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB88797BL

Quant Time: Mar 10 16:55:10 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 10 16:13:07 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.94	152	155807	20.00	ng	0.00
21) Naphthalene-d8	8.22	136	597782	20.00	ng	-0.01
38) Acenaphthene-d10	9.98	164	273403	20.00	ng	0.00
63) Phenanthrene-d10	11.46	188	541576	20.00	ng	0.00
75) Chrysene-d12	14.11	240	424106	20.00	ng	0.00
86) Perylene-d12	15.57	264	299724	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.54	112	1055946	113.68	ng	0.01
7) Phenol-d6	6.56	99	1330139	109.30	ng	0.00
23) Nitrobenzene-d5	7.50	82	830700	74.36	ng	-0.01
41) 2,4,6-Tribromophenol	10.77	330	312179	133.44	ng	-0.01
44) 2-Fluorobiphenyl	9.30	172	1653142	91.96	ng	0.00
78) Terphenyl-d14	13.05	244	1427537	78.14	ng	0.00

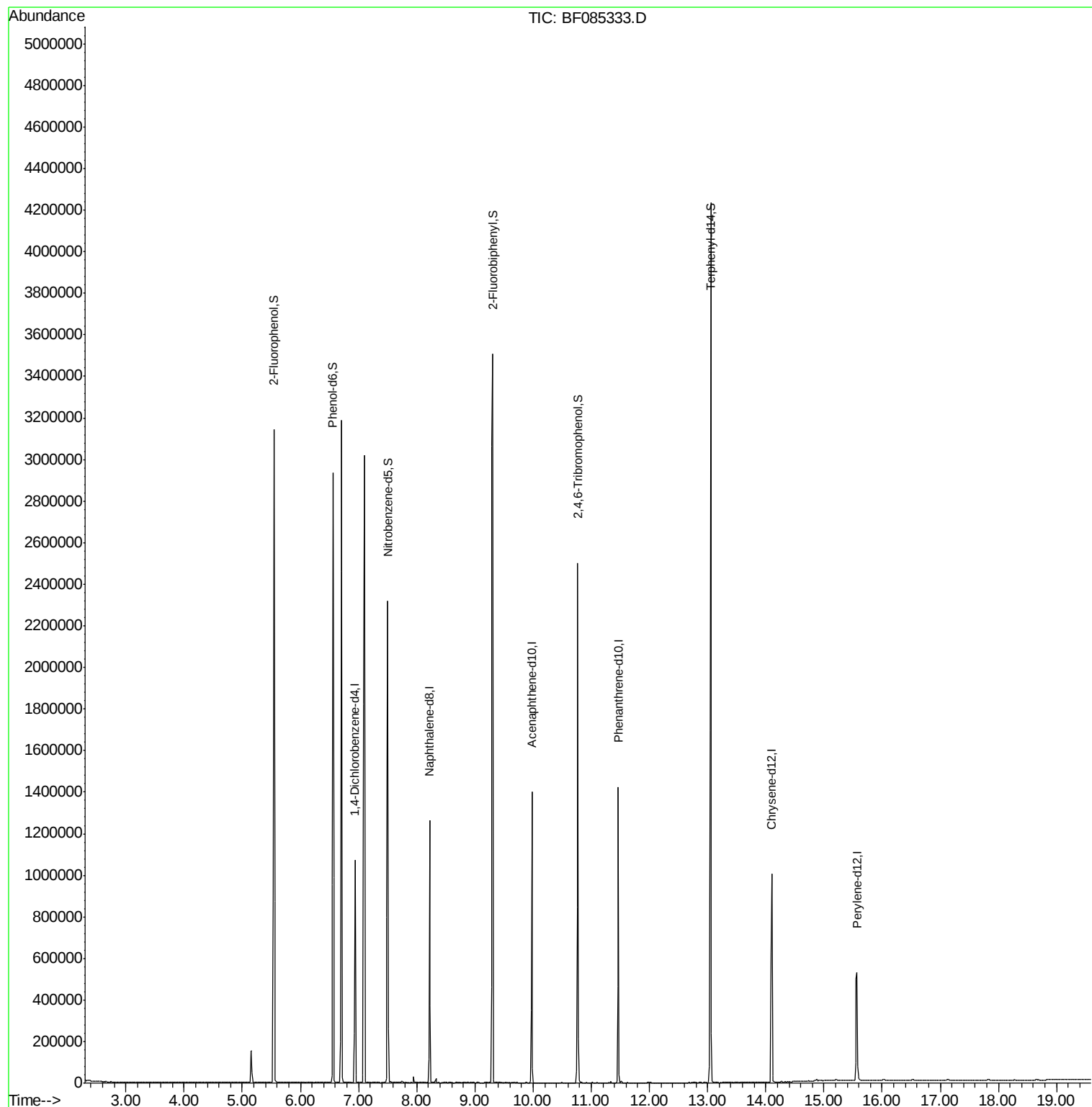
Target Compounds	Qvalue
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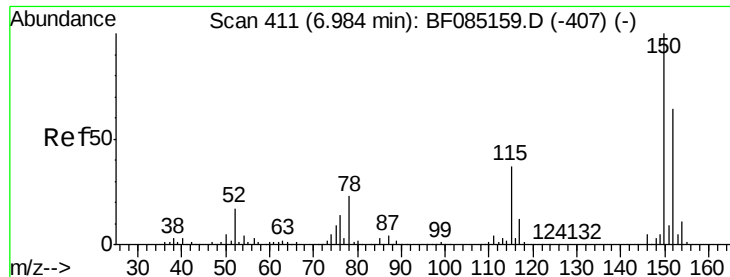
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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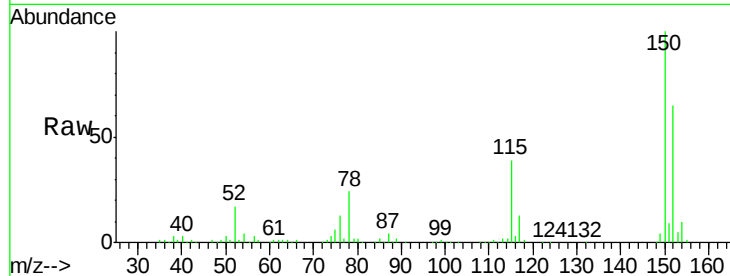


#1

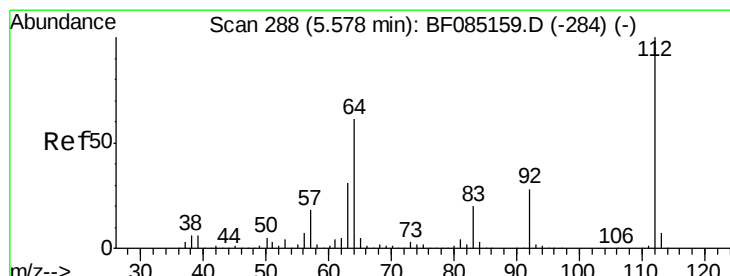
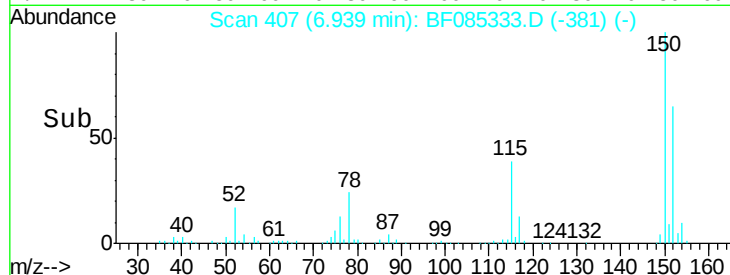
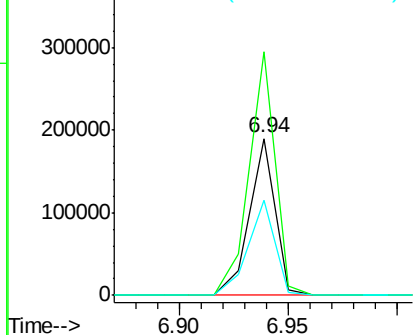
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.94 min Scan# 407
Delta R.T. -0.00 min
Lab File: BF085333.D
Acq: 10 Mar 2016 15:12

Instrument :
BNA_F
ClientSampleId :
PB88797BL

Tgt Ion:152 Resp: 155807
Ion Ratio Lower Upper
152 100
150 154.9 124.6 186.8
115 60.5 46.6 70.0



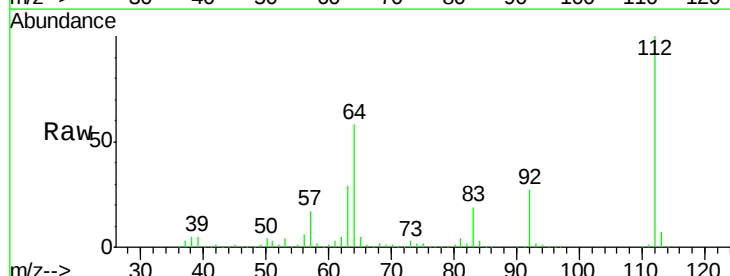
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



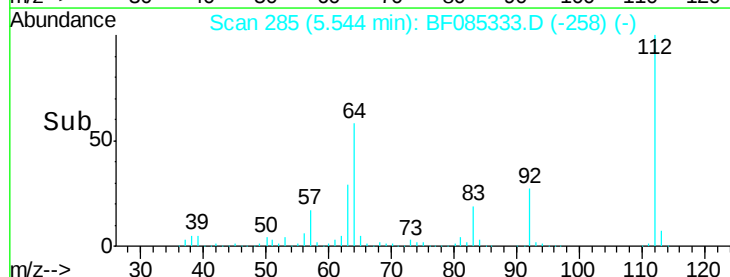
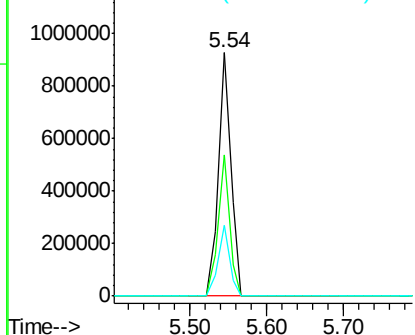
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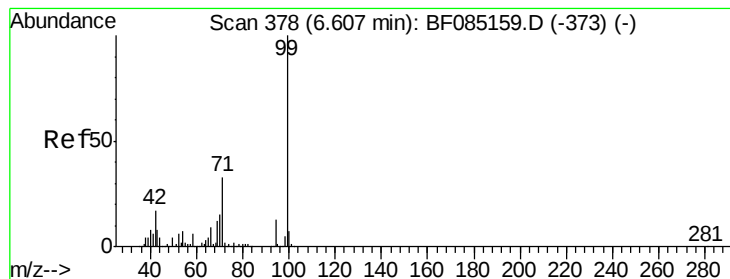
2-Fluorophenol
Concen: 113.68 ng
RT: 5.54 min Scan# 285
Delta R.T. 0.01 min
Lab File: BF085333.D
Acq: 10 Mar 2016 15:12

Tgt Ion:112 Resp: 1055946
Ion Ratio Lower Upper
112 100
64 58.0 49.0 73.4
63 29.0 24.8 37.2



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: 109.30 ng

RT: 6.56 min Scan# 374

Delta R.T. -0.00 min

Lab File: BF085333.D

Acq: 10 Mar 2016 15:12

Instrument :

BNA_F

ClientSampleId :

PB88797BL

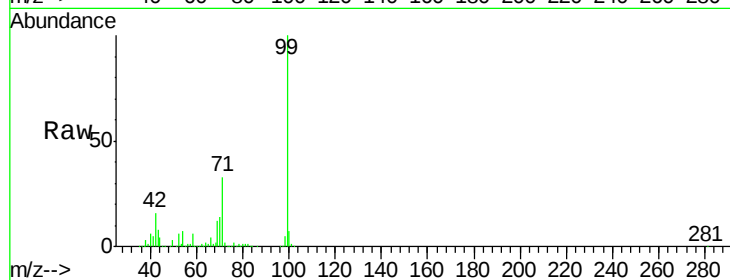
Tgt Ion: 99 Resp: 1330139

Ion Ratio Lower Upper

99 100

42 16.1 13.6 20.4

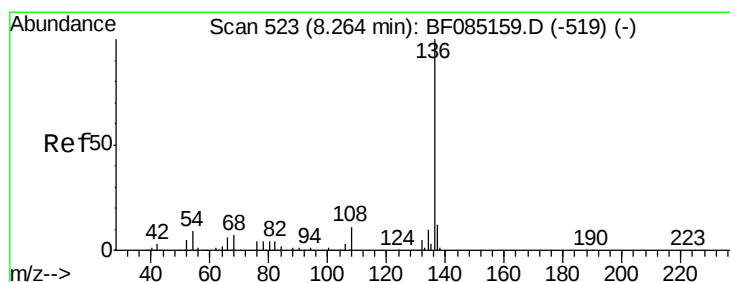
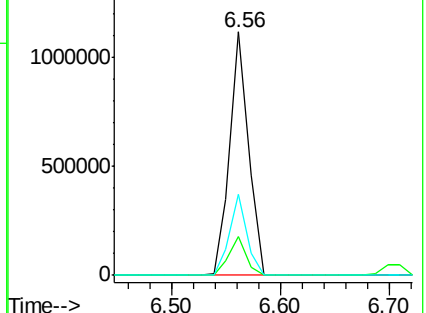
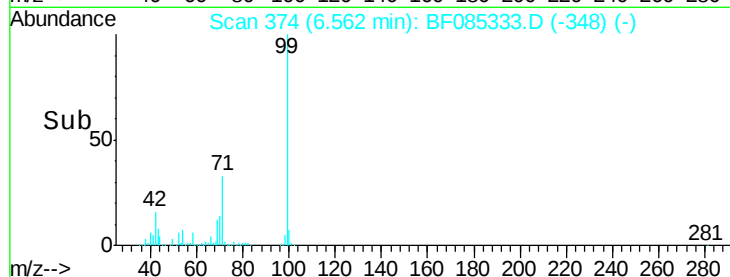
71 33.3 26.7 40.1



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: 8.22 min Scan# 519

Delta R.T. -0.01 min

Lab File: BF085333.D

Acq: 10 Mar 2016 15:12

Tgt Ion: 136 Resp: 597782

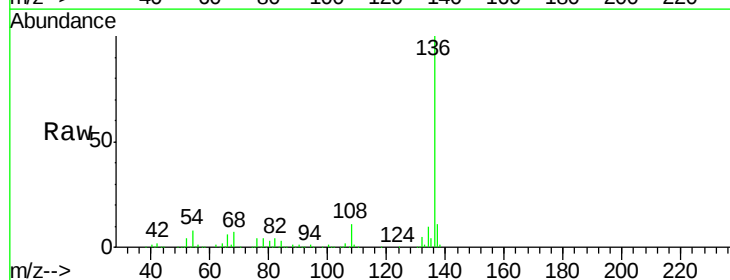
Ion Ratio Lower Upper

136 100

137 11.3 9.3 13.9

54 8.5 7.4 11.2

68 7.0 6.0 9.0

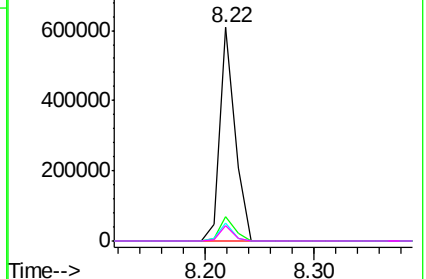
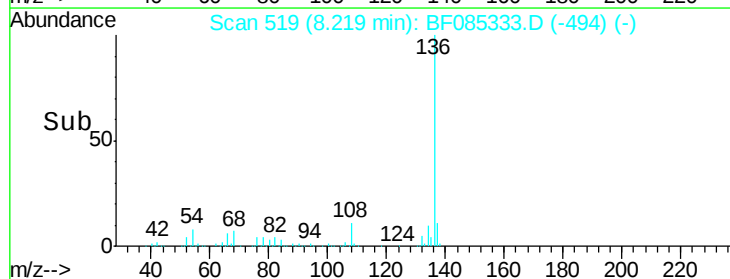


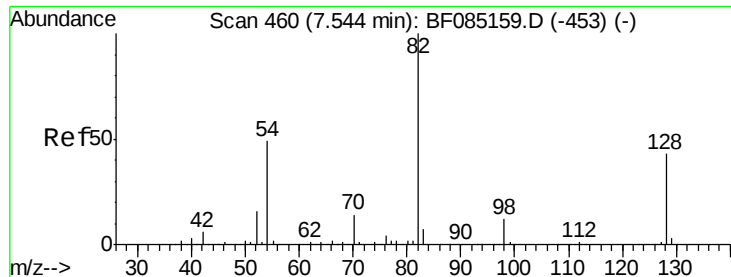
Abundance Ion 136.00 (135.70 to 136.70): E

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

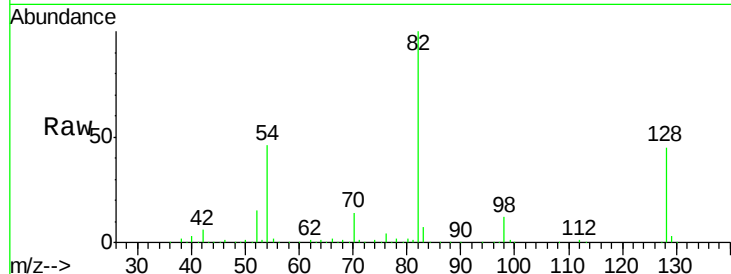




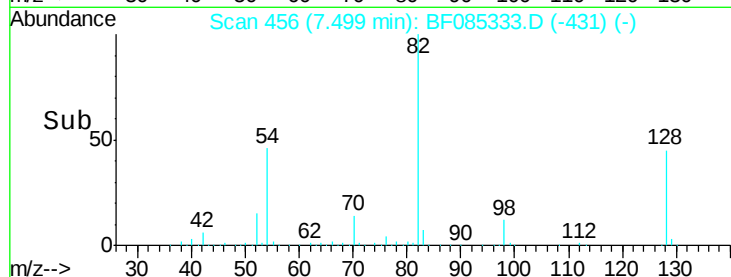
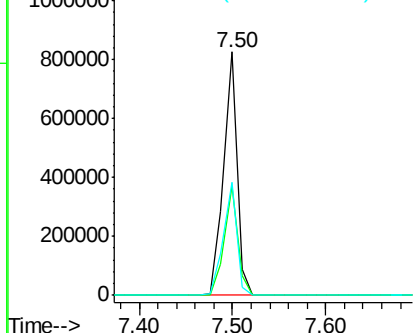
#23
 Nitrobenzene-d5
 Concen: 74.36 ng
 RT: 7.50 min Scan# 456
 Delta R.T. -0.01 min
 Lab File: BF085333.D
 Acq: 10 Mar 2016 15:12

Instrument :
 BNA_F
 ClientSampleId :
 PB88797BL

Tgt Ion: 82 Resp: 830700
 Ion Ratio Lower Upper
 82 100
 128 44.7 34.5 51.7
 54 46.3 39.3 58.9

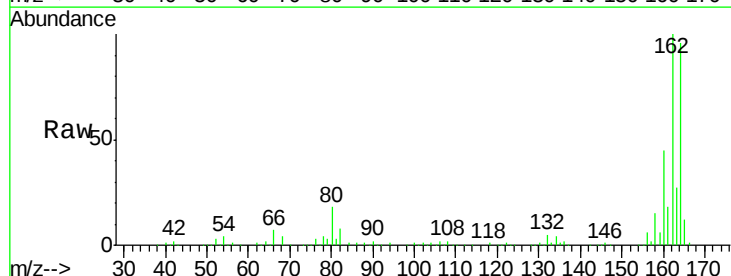


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

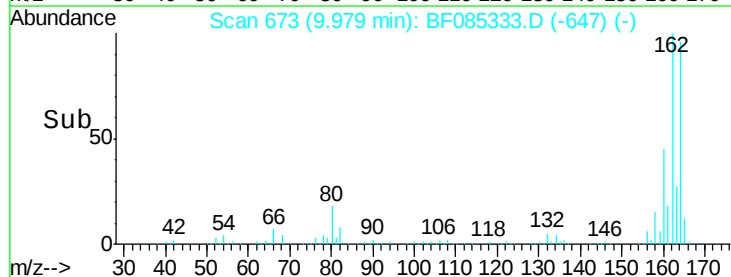
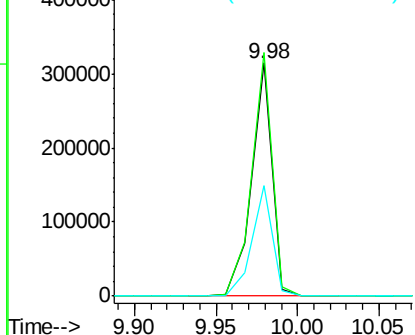


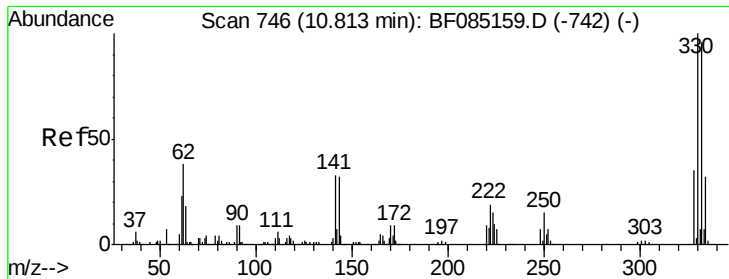
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.98 min Scan# 673
 Delta R.T. -0.00 min
 Lab File: BF085333.D
 Acq: 10 Mar 2016 15:12

Tgt Ion: 164 Resp: 273403
 Ion Ratio Lower Upper
 164 100
 162 104.5 83.3 124.9
 160 47.2 37.9 56.9



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

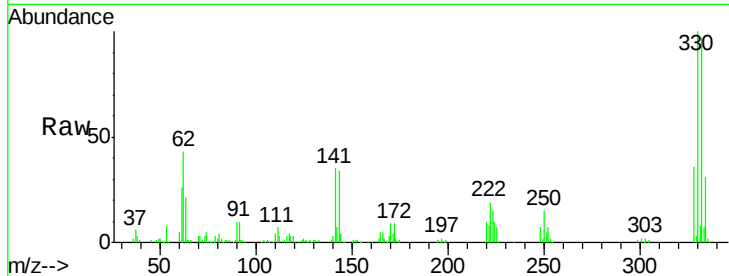




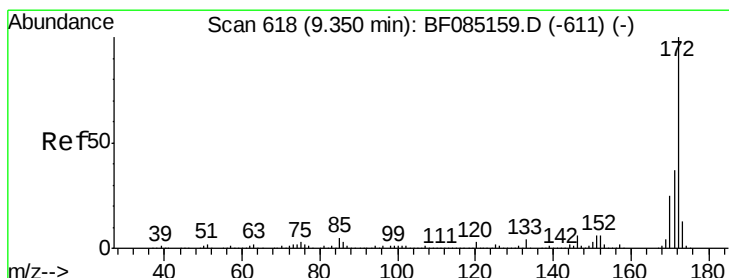
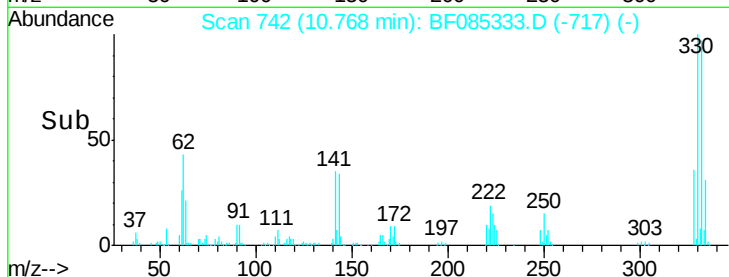
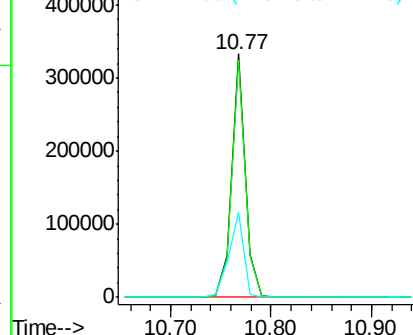
#41
 2,4,6-Tribromophenol
 Concen: 133.44 ng
 RT: 10.77 min Scan# 742
 Delta R.T. -0.01 min
 Lab File: BF085333.D
 Acq: 10 Mar 2016 15:12

Instrument :
 BNA_F
 ClientSampleId :
 PB88797BL

Tgt Ion:330 Resp: 312179
 Ion Ratio Lower Upper
 330 100
 332 96.8 77.1 115.7
 141 37.9 35.0 52.6

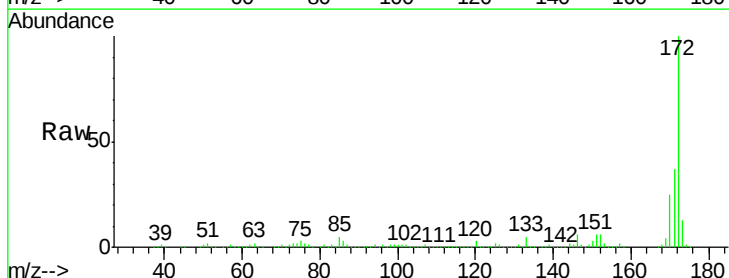


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

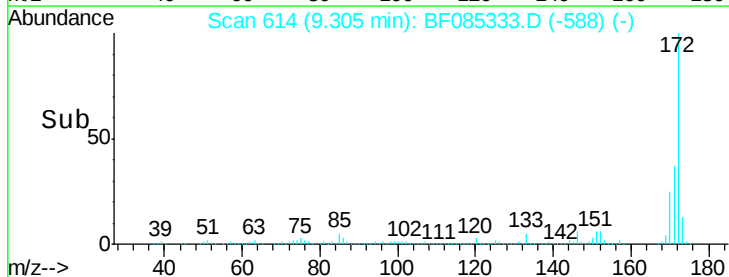
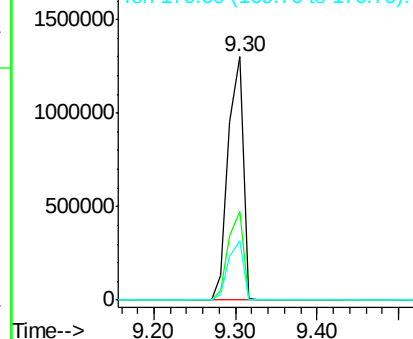


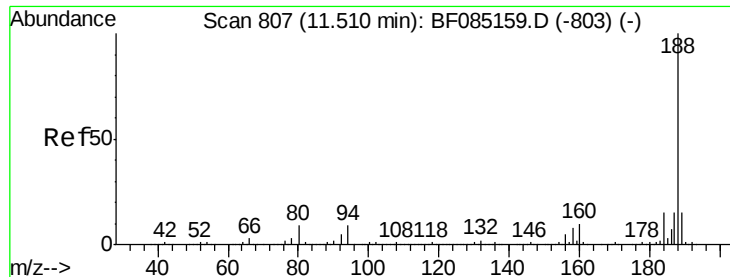
#44
 2-Fluorobiphenyl
 Concen: 91.96 ng
 RT: 9.30 min Scan# 614
 Delta R.T. -0.00 min
 Lab File: BF085333.D
 Acq: 10 Mar 2016 15:12

Tgt Ion:172 Resp: 1653142
 Ion Ratio Lower Upper
 172 100
 171 36.6 29.3 43.9
 170 24.5 20.0 30.0



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

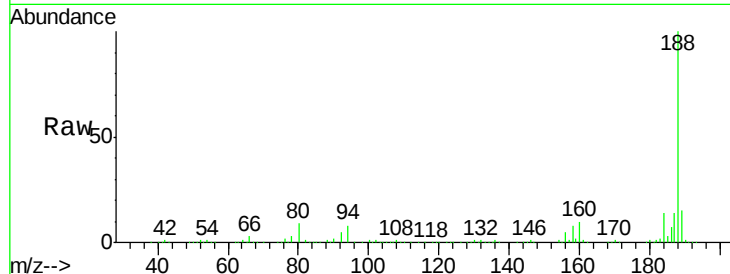




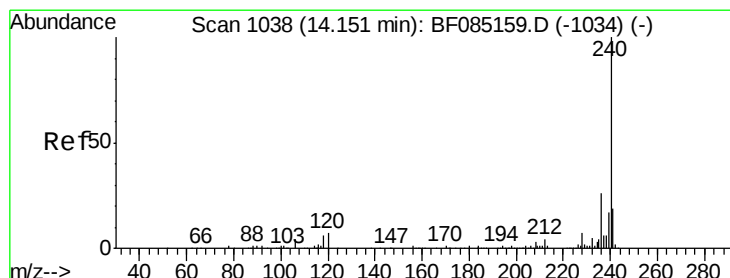
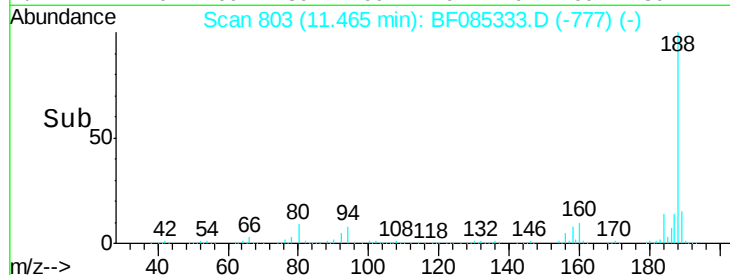
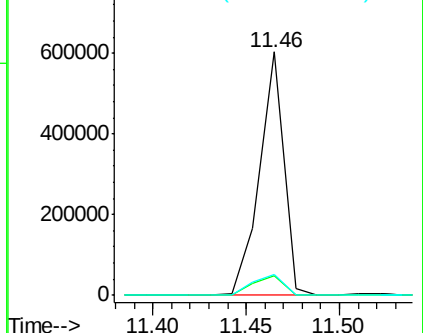
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.46 min Scan# 803
Delta R.T. -0.00 min
Lab File: BF085333.D
Acq: 10 Mar 2016 15:12

Instrument :
BNA_F
ClientSampleId :
PB88797BL

Tgt Ion:188 Resp: 541576
Ion Ratio Lower Upper
188 100
94 8.2 7.0 10.6
80 8.5 7.4 11.0

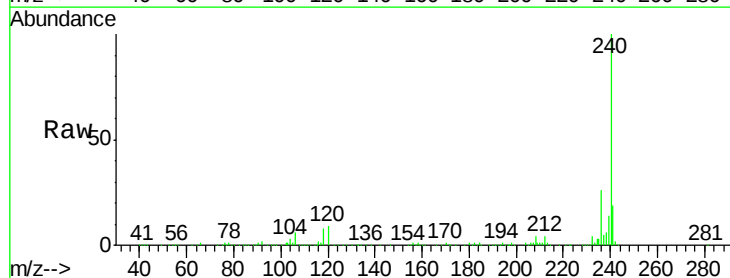


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

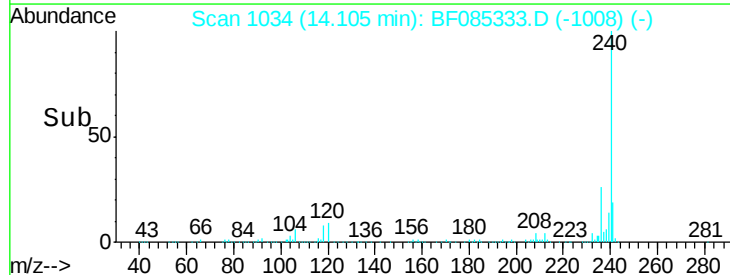
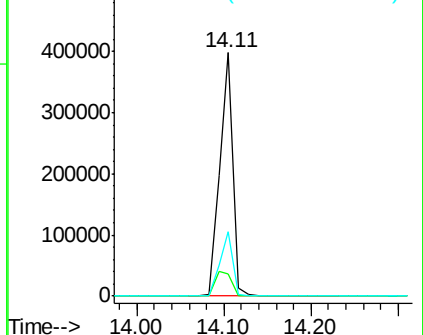


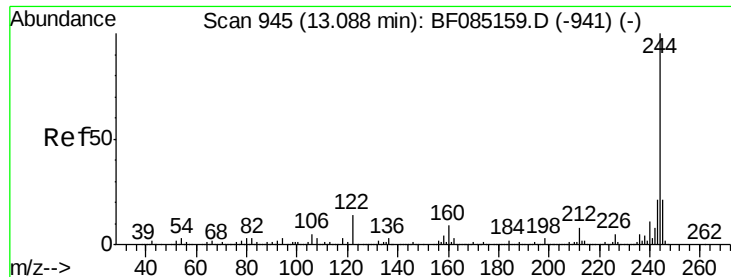
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.11 min Scan# 1034
Delta R.T. -0.00 min
Lab File: BF085333.D
Acq: 10 Mar 2016 15:12

Tgt Ion:240 Resp: 424106
Ion Ratio Lower Upper
240 100
120 8.9 5.3 7.9#
236 26.3 20.7 31.1



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

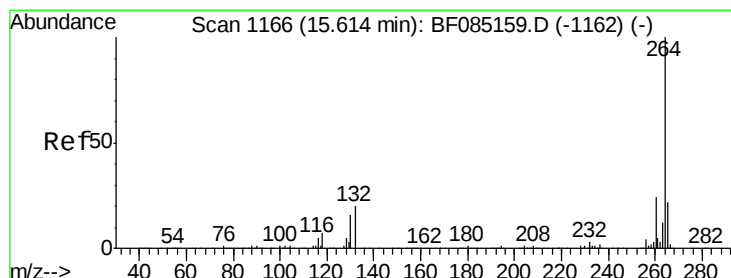
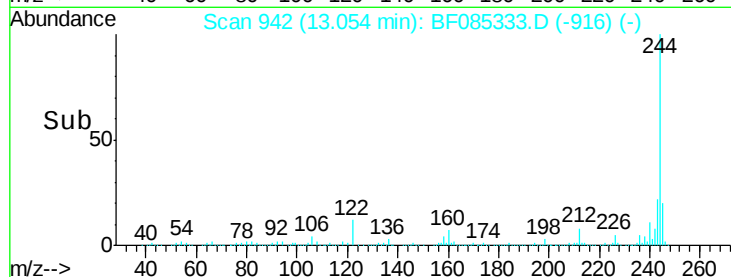
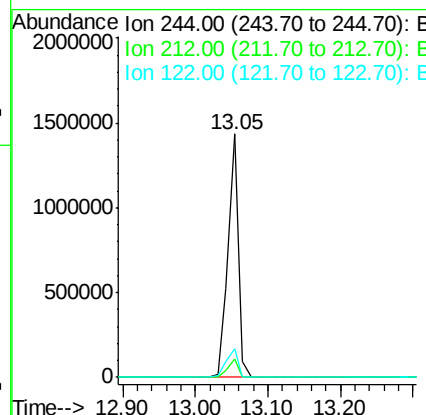
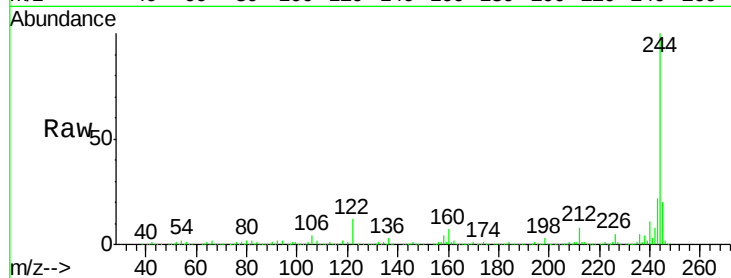




#78
 Terphenyl-d14
 Concen: 78.14 ng
 RT: 13.05 min Scan# 942
 Delta R.T. -0.00 min
 Lab File: BF085333.D
 Acq: 10 Mar 2016 15:12

Instrument :
 BNA_F
 ClientSampleId :
 PB88797BL

Tgt Ion:244 Resp: 1427537
 Ion Ratio Lower Upper
 244 100
 212 7.5 6.4 9.6
 122 11.5 11.4 17.2



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.57 min Scan# 1162
 Delta R.T. -0.00 min
 Lab File: BF085333.D
 Acq: 10 Mar 2016 15:12

Tgt Ion:264 Resp: 299724
 Ion Ratio Lower Upper
 264 100
 260 23.5 19.2 28.8
 265 21.1 17.3 25.9

