

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF021216\
 Data File : BF085047.D
 Acq On : 12 Feb 2016 7:53
 Operator : SJ/IZ
 Sample : H1361-07
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-2

Quant Time: Feb 12 09:46:43 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 10 13:28:51 2016
 Response via : Initial Calibration

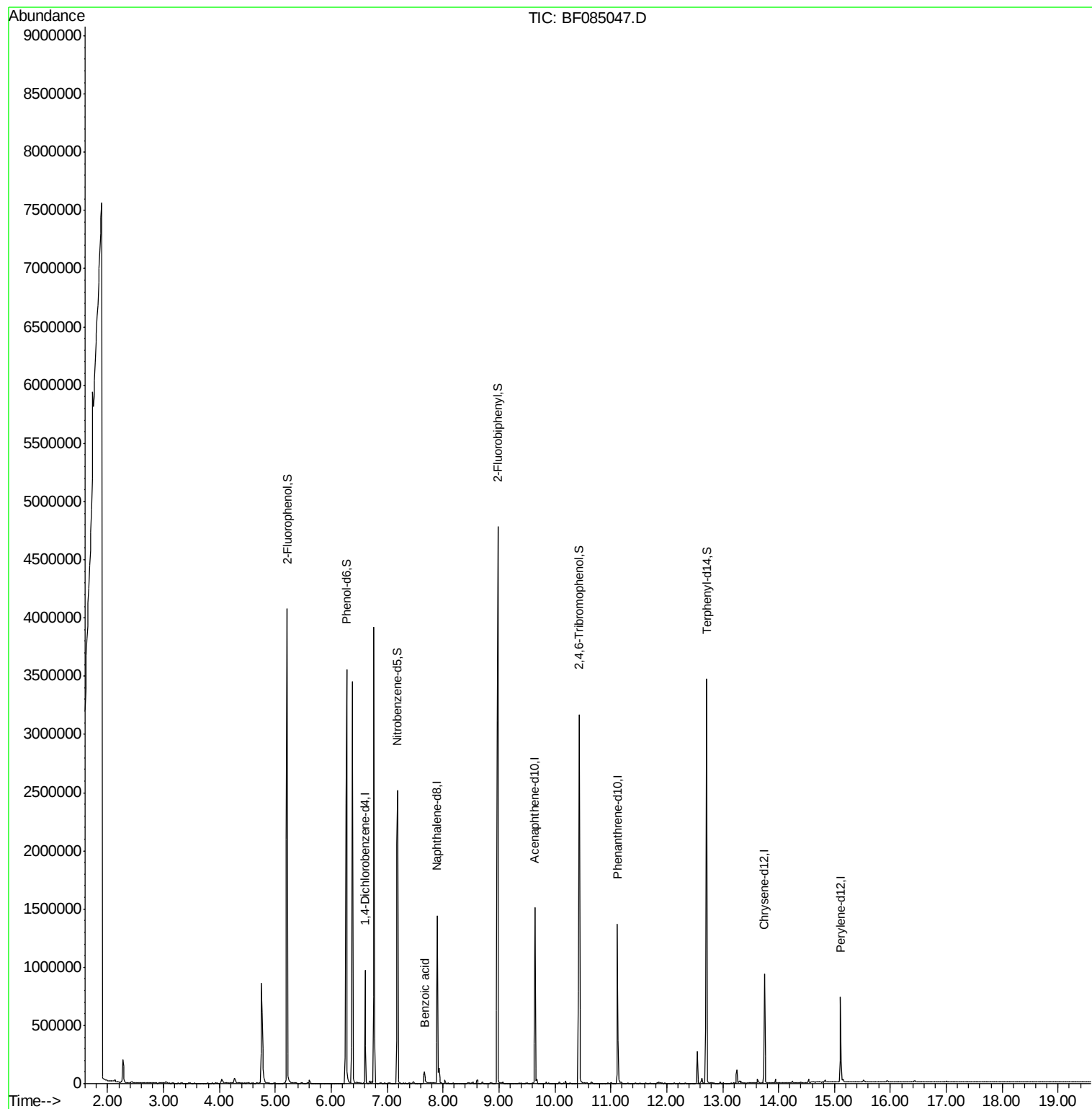
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.60	152	148629	20.00	ng	-0.02
21) Naphthalene-d8	7.90	136	646661	20.00	ng	-0.02
38) Acenaphthene-d10	9.64	164	296923	20.00	ng	-0.02
63) Phenanthrene-d10	11.12	188	503204	20.00	ng	-0.02
75) Chrysene-d12	13.75	240	329208	20.00	ng	-0.02
86) Perylene-d12	15.11	264	298051	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.21	112	1267778	132.86	ng	0.01
7) Phenol-d6	6.27	99	1548987	130.94	ng	-0.01
23) Nitrobenzene-d5	7.19	82	1163603	101.36	ng	-0.01
41) 2,4,6-Tribromophenol	10.43	330	392386	126.69	ng	-0.02
44) 2-Fluorobiphenyl	8.98	172	1971346	148.77	ng	-0.01
78) Terphenyl-d14	12.72	244	1690068	116.33	ng	-0.01
Target Compounds						
32) Benzoic acid	7.67	122	36452	5.40	ng	Qvalue 89

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

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.60 min Scan# 439

Delta R.T. -0.02 min

Lab File: BF085047.D

Acq: 12 Feb 2016 7:53

Instrument :

BNA_F

ClientSampleId :

WC-2

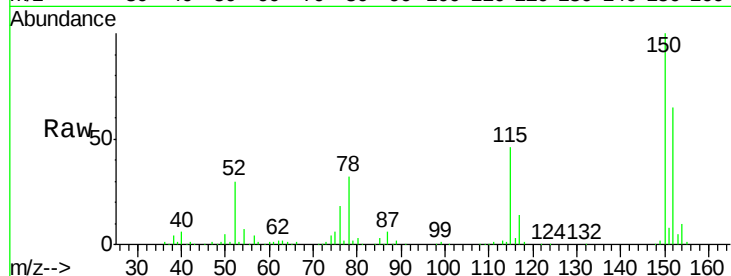
Tgt Ion:152 Resp: 148629

Ion Ratio Lower Upper

152 100

150 154.2 123.0 184.4

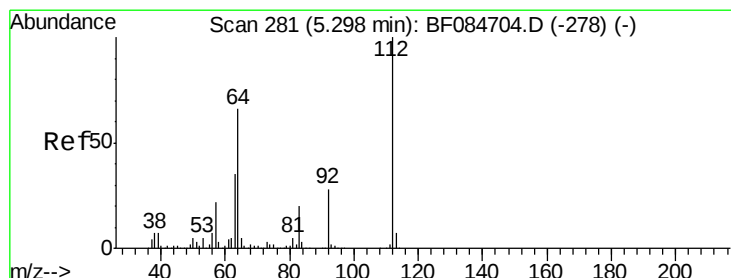
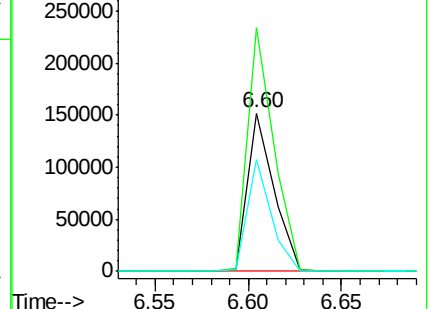
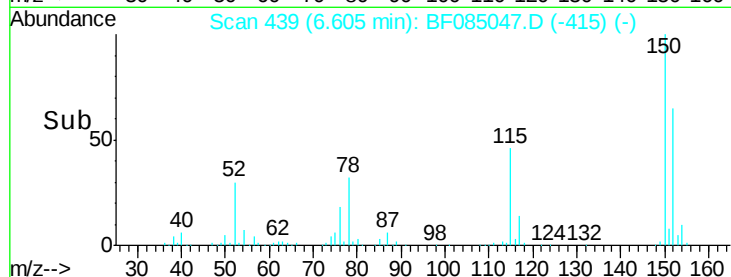
115 70.8 51.4 77.2



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: 132.86 ng

RT: 5.21 min Scan# 317

Delta R.T. 0.01 min

Lab File: BF085047.D

Acq: 12 Feb 2016 7:53

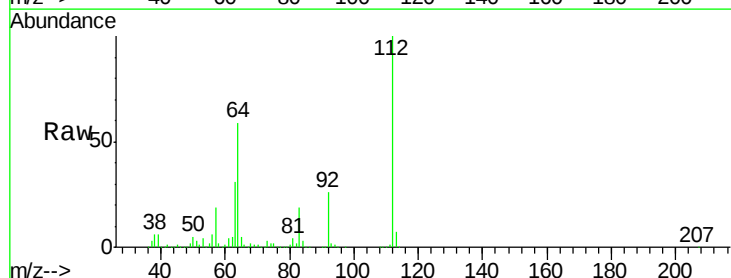
Tgt Ion:112 Resp: 1267778

Ion Ratio Lower Upper

112 100

64 59.1 36.6 55.0#

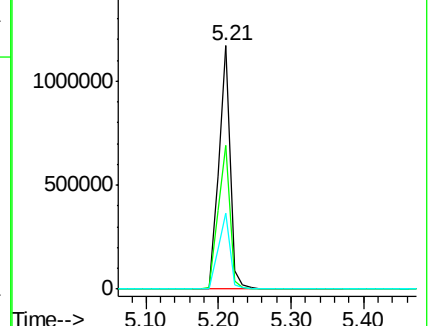
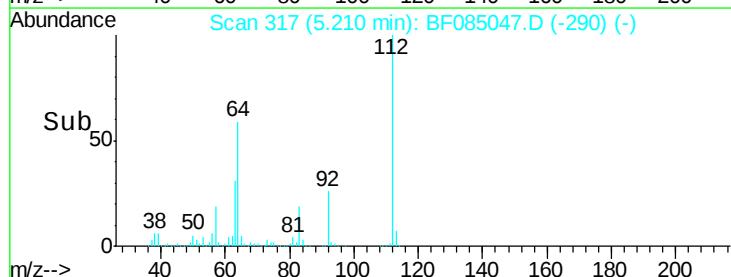
63 31.1 19.4 29.0#



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: 130.94 ng

RT: 6.27 min Scan# 410

Delta R.T. -0.01 min

Lab File: BF085047.D

Acq: 12 Feb 2016 7:53

Instrument :

BNA_F

ClientSampleId :

WC-2

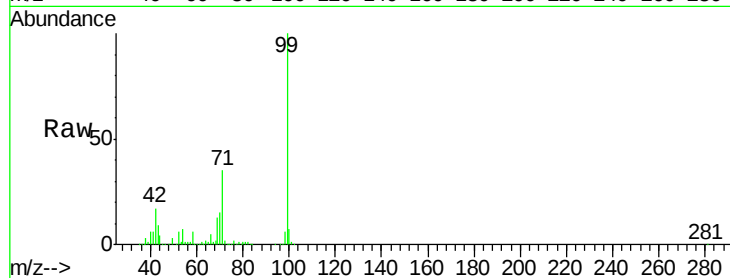
Tgt Ion: 99 Resp: 1548987

Ion Ratio Lower Upper

99 100

42 17.1 12.8 19.2

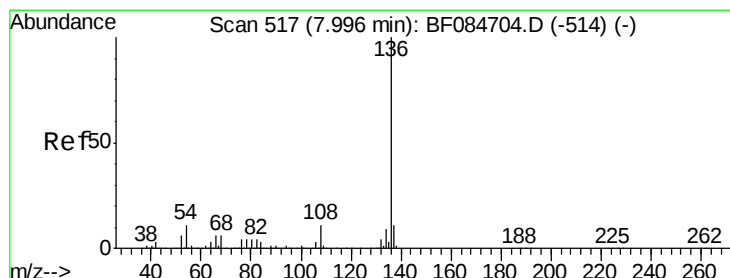
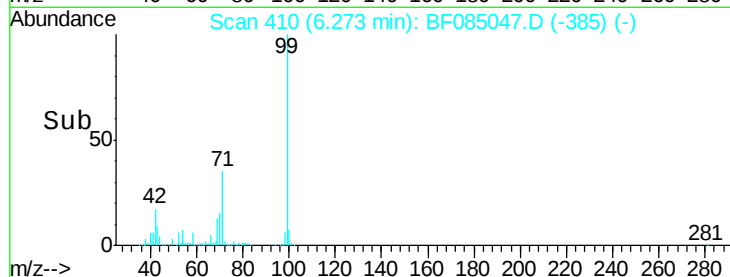
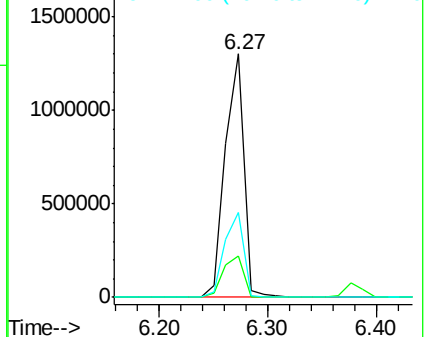
71 34.9 30.9 46.3



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: 7.90 min Scan# 552

Delta R.T. -0.02 min

Lab File: BF085047.D

Acq: 12 Feb 2016 7:53

Tgt Ion: 136 Resp: 646661

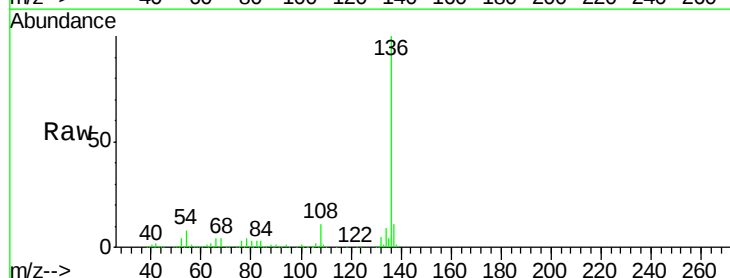
Ion Ratio Lower Upper

136 100

137 11.2 8.7 13.1

54 7.8 5.8 8.8

68 4.4 4.2 6.2

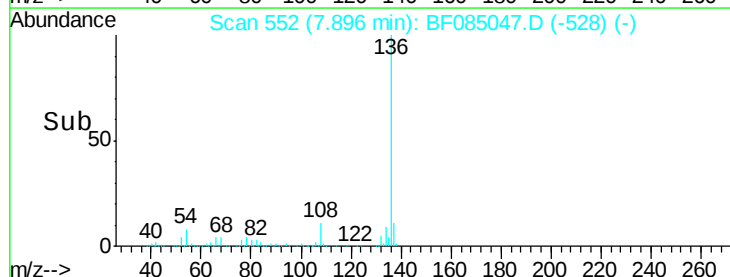
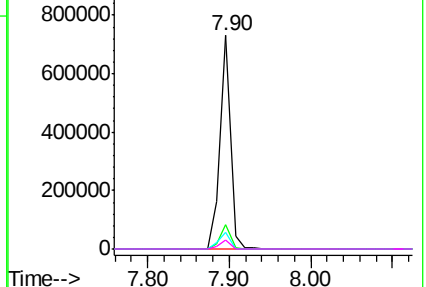


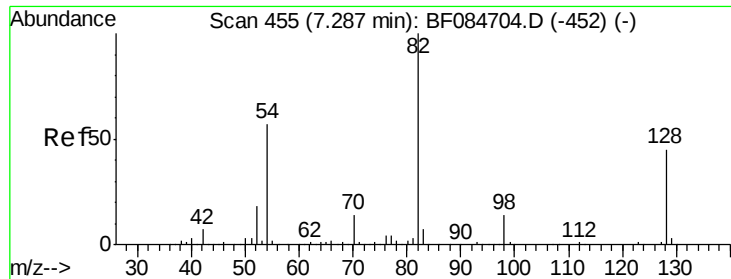
Abundance Ion 136.00 (135.70 to 136.70): E

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

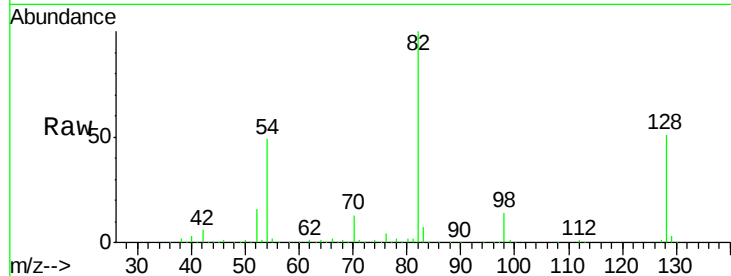




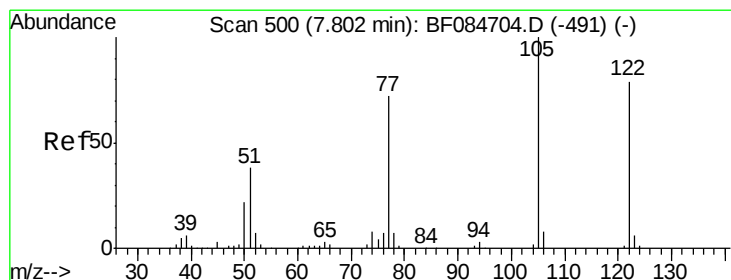
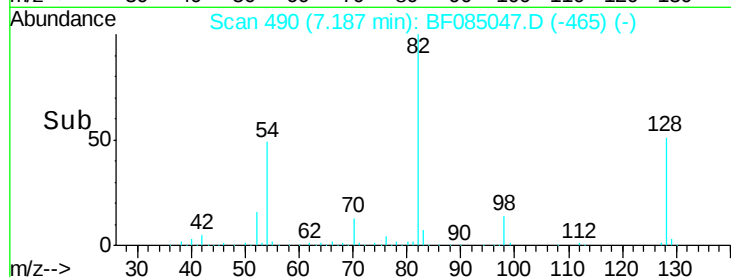
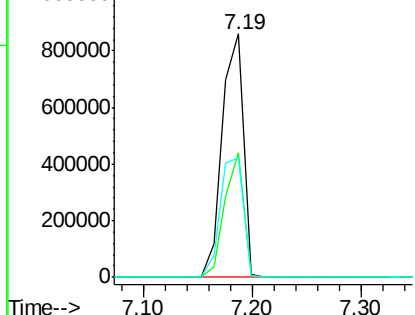
#23
 Nitrobenzene-d5
 Concen: 101.36 ng
 RT: 7.19 min Scan# 490
 Delta R.T. -0.01 min
 Lab File: BF085047.D
 Acq: 12 Feb 2016 7:53

Instrument :
 BNA_F
 ClientSampleId :
 WC-2

Tgt Ion: 82 Resp: 1163603
 Ion Ratio Lower Upper
 82 100
 128 51.3 34.6 51.8
 54 49.1 38.4 57.6

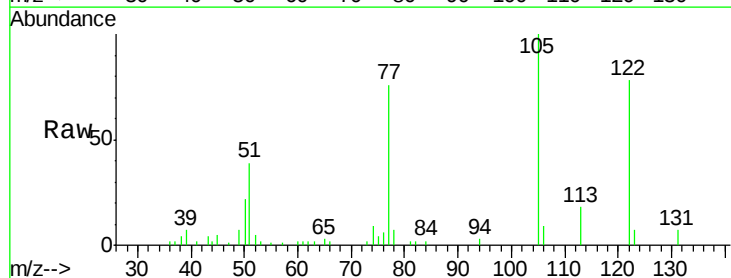


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

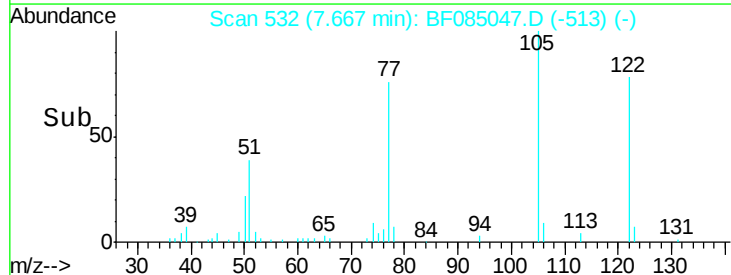
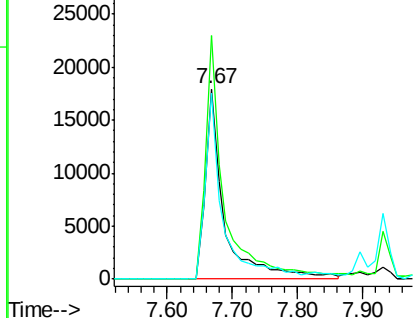


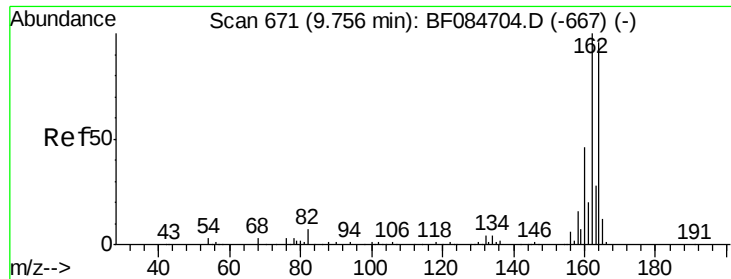
#32
 Benzoic acid
 Concen: 5.40 ng
 RT: 7.67 min Scan# 532
 Delta R.T. -0.08 min
 Lab File: BF085047.D
 Acq: 12 Feb 2016 7:53

Tgt Ion: 122 Resp: 36452
 Ion Ratio Lower Upper
 122 100
 105 128.2 100.3 140.3
 77 97.9 63.5 103.5



Abundance Ion 122.00 (121.70 to 122.70): B
 Ion 105.00 (104.70 to 105.70): B
 Ion 77.00 (76.70 to 77.70): BF0

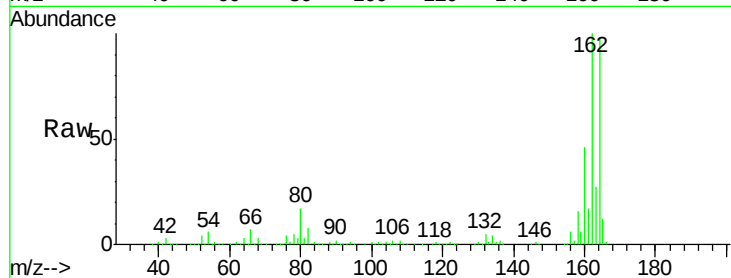




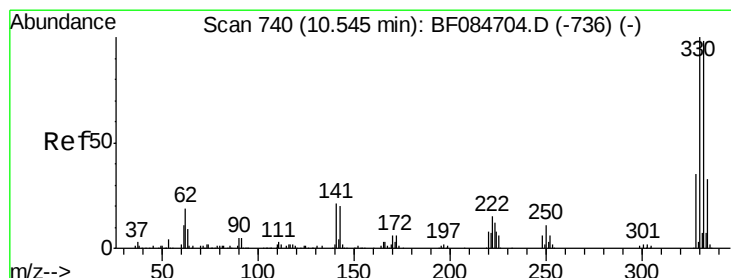
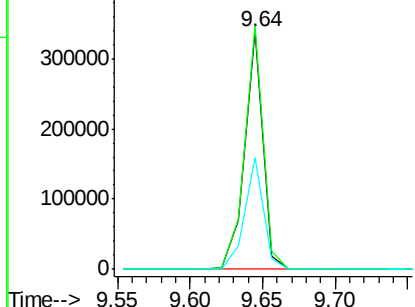
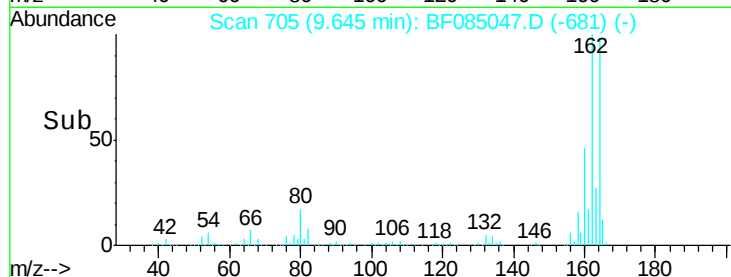
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.64 min Scan# 705
 Delta R.T. -0.02 min
 Lab File: BF085047.D
 Acq: 12 Feb 2016 7:53

Instrument :
 BNA_F
 ClientSampleId :
 WC-2

Tgt Ion:164 Resp: 296923
 Ion Ratio Lower Upper
 164 100
 162 102.1 85.1 127.7
 160 46.9 37.5 56.3

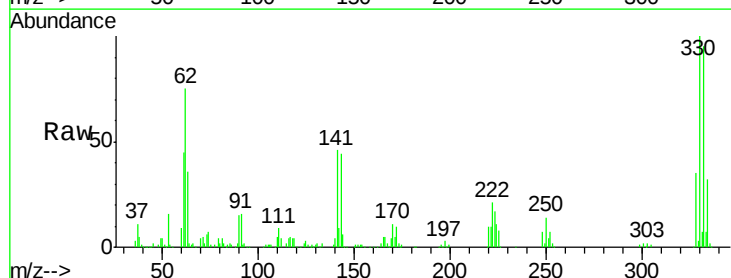


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

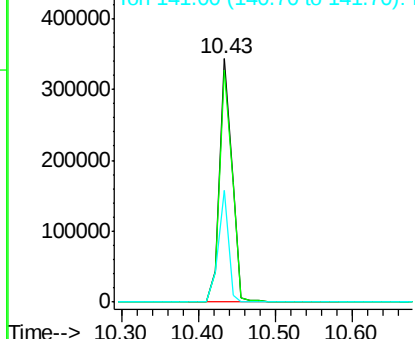
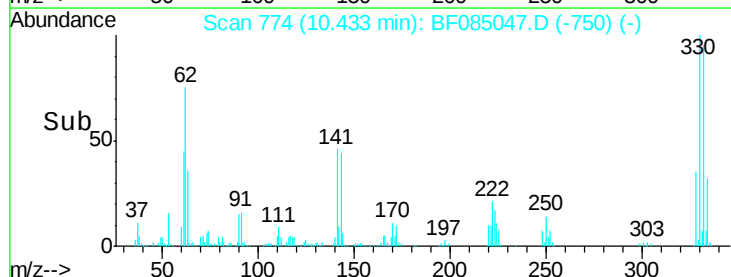


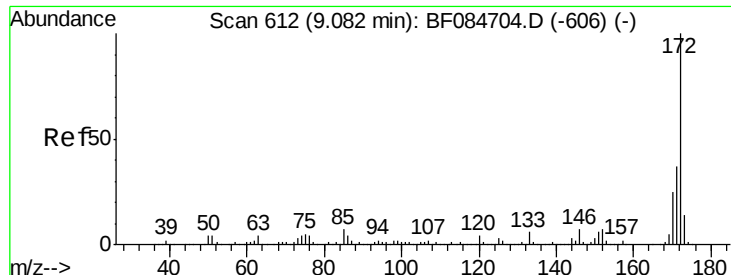
#41
 2,4,6-Tribromophenol
 Concen: 126.69 ng
 RT: 10.43 min Scan# 774
 Delta R.T. -0.02 min
 Lab File: BF085047.D
 Acq: 12 Feb 2016 7:53

Tgt Ion:330 Resp: 392386
 Ion Ratio Lower Upper
 330 100
 332 96.4 76.6 114.8
 141 37.5 27.8 41.6



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

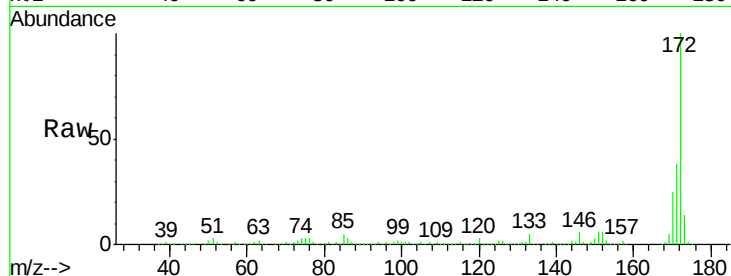




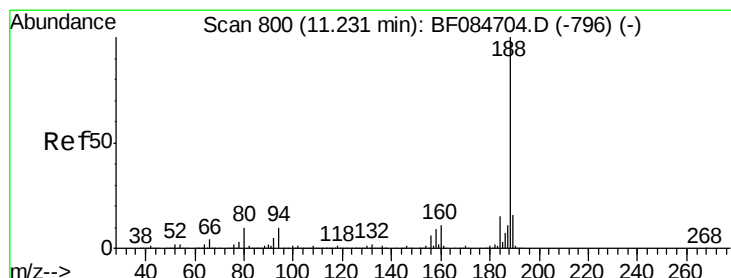
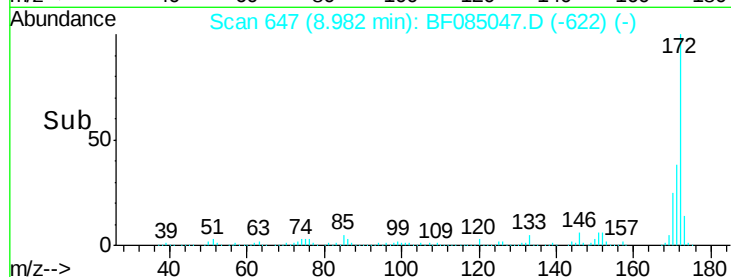
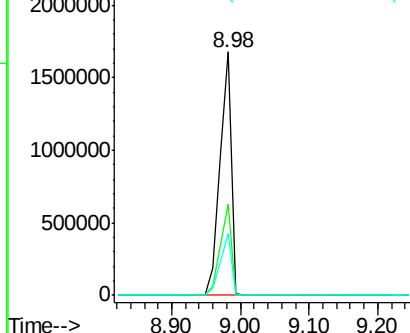
#44
 2-Fluorobiphenyl
 Concen: 148.77 ng
 RT: 8.98 min Scan# 647
 Delta R.T. -0.01 min
 Lab File: BF085047.D
 Acq: 12 Feb 2016 7:53

Instrument :
 BNA_F
 ClientSampleId :
 WC-2

Tgt Ion:172 Resp: 1971346
 Ion Ratio Lower Upper
 172 100
 171 37.6 28.9 43.3
 170 25.4 18.6 27.8

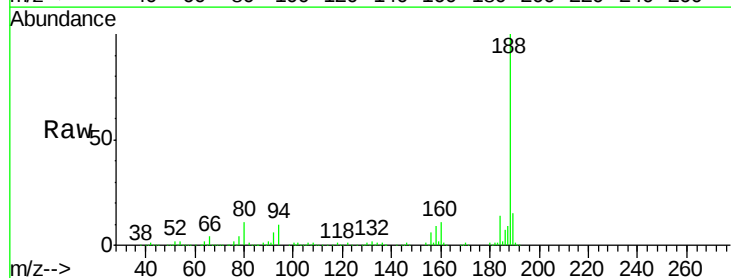


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

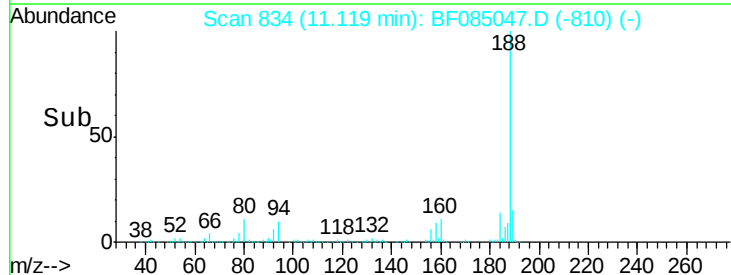
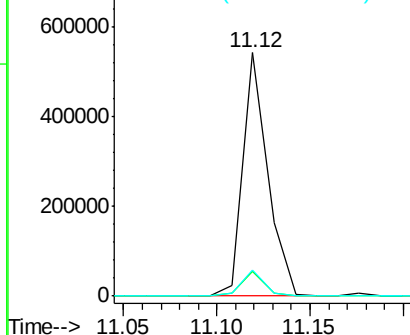


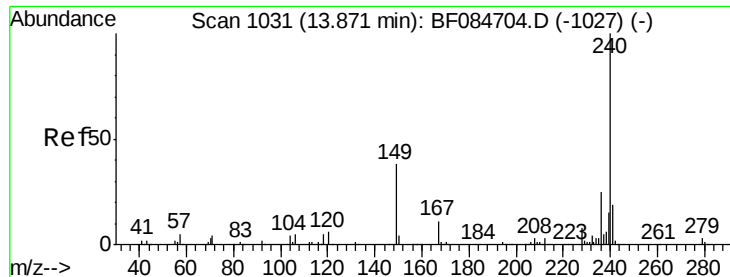
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.12 min Scan# 834
 Delta R.T. -0.02 min
 Lab File: BF085047.D
 Acq: 12 Feb 2016 7:53

Tgt Ion:188 Resp: 503204
 Ion Ratio Lower Upper
 188 100
 94 10.3 9.0 13.4
 80 10.7 9.6 14.4



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: 13.75 min Scan# 1064

Delta R.T. -0.02 min

Lab File: BF085047.D

Acq: 12 Feb 2016 7:53

Instrument :

BNA_F

ClientSampleId :

WC-2

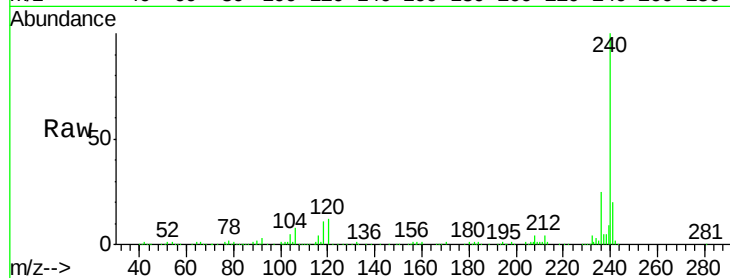
Tgt Ion:240 Resp: 329208

Ion Ratio Lower Upper

240 100

120 12.0 9.5 14.3

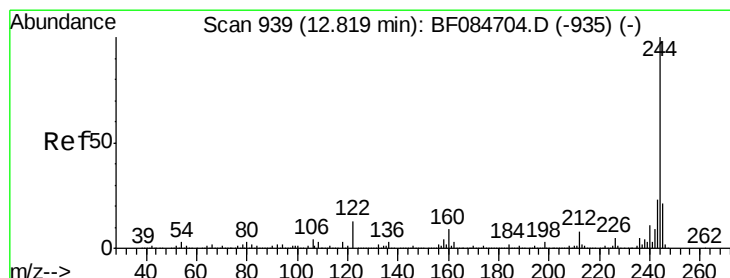
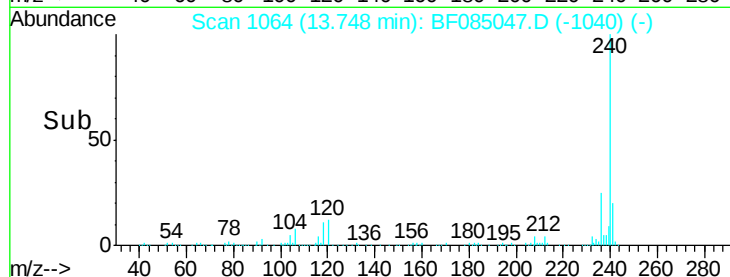
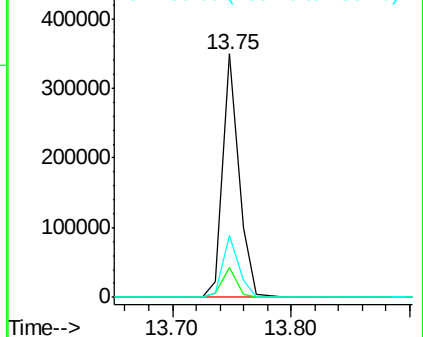
236 25.3 20.6 31.0



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: 116.33 ng

RT: 12.72 min Scan# 974

Delta R.T. -0.01 min

Lab File: BF085047.D

Acq: 12 Feb 2016 7:53

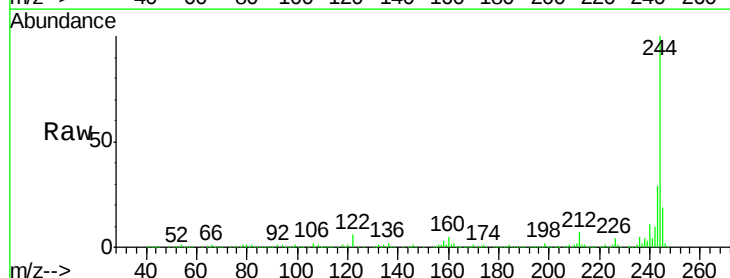
Tgt Ion:244 Resp: 1690068

Ion Ratio Lower Upper

244 100

212 6.6 5.7 8.5

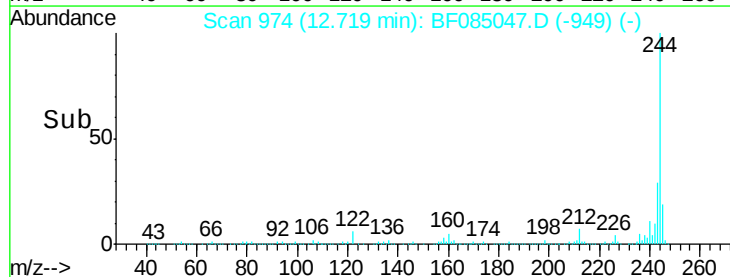
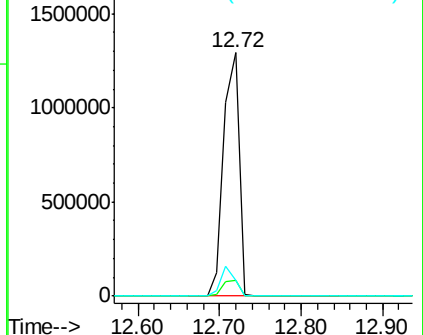
122 6.2 7.4 11.0#

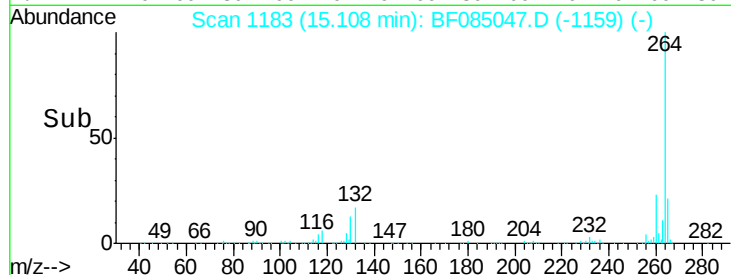
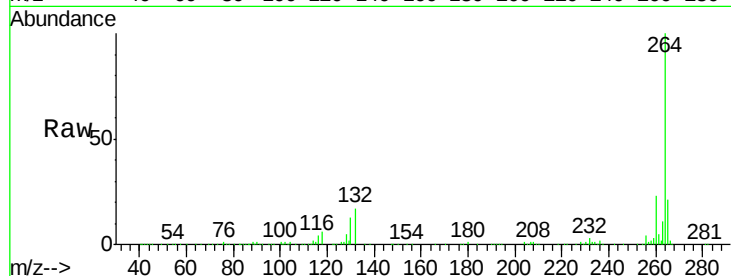
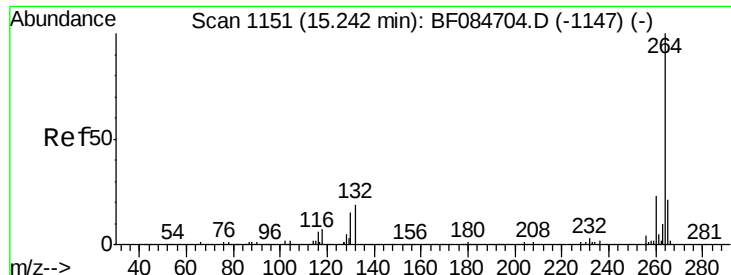


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.11 min Scan# 1183
Delta R.T. -0.02 min
Lab File: BF085047.D
Acq: 12 Feb 2016 7:53

Instrument :
BNA_F
ClientSampleId :
WC-2

Tgt Ion:	264	Resp:	298051
Ion	Ratio	Lower	Upper
264	100		
260	22.8	19.4	29.2
265	21.3	17.8	26.6

