

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032816\
 Data File : BF085834.D
 Acq On : 29 Mar 2016 6:37
 Operator : UM/SJ
 Sample : H1905-07
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TRACK-D-GRID-10A

Quant Time: Mar 29 07:11:24 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032416.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 28 15:27:05 2016
 Response via : Initial Calibration

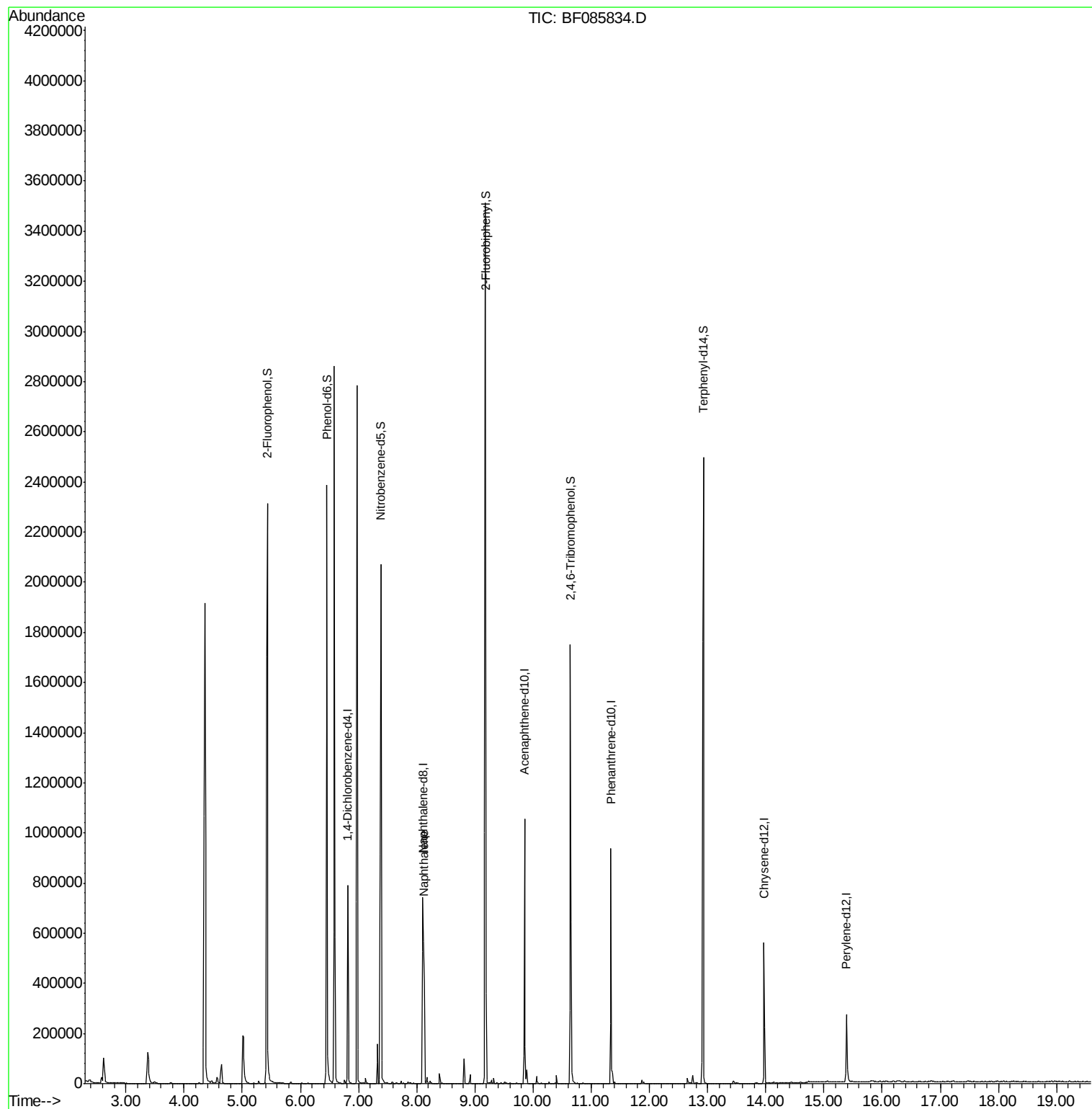
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	117945	20.00	ng	-0.01
21) Naphthalene-d8	8.10	136	448135	20.00	ng	-0.01
38) Acenaphthene-d10	9.85	164	188533	20.00	ng	-0.01
63) Phenanthrene-d10	11.34	188	341217	20.00	ng	-0.01
75) Chrysene-d12	13.97	240	204734	20.00	ng	-0.01
86) Perylene-d12	15.39	264	130757	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	938742	132.55	ng	0.02
7) Phenol-d6	6.46	99	1058094	117.51	ng	0.00
23) Nitrobenzene-d5	7.38	82	775353	97.43	ng	-0.01
41) 2,4,6-Tribromophenol	10.64	330	252380	140.89	ng	-0.01
44) 2-Fluorobiphenyl	9.18	172	1141101	101.12	ng	-0.01
78) Terphenyl-d14	12.93	244	1020166	102.48	ng	0.00
Target Compounds						
31) Naphthalene	8.12	128	344773	15.27	ng	Qvalue 99

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

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.81 min Scan# 396

Delta R.T. -0.01 min

Lab File: BF085834.D

Acq: 29 Mar 2016 6:37

Instrument :

BNA_F

ClientSampleId :

TRACK-D-GRID-10A

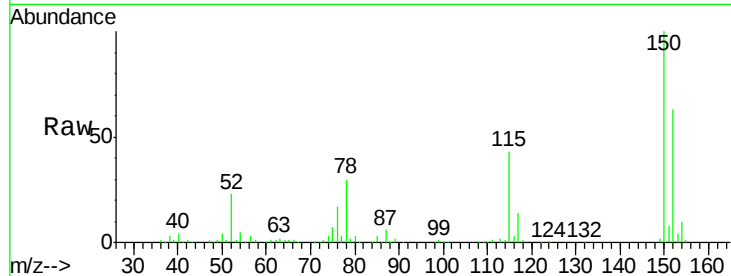
Tgt Ion:152 Resp: 117945

Ion Ratio Lower Upper

152 100

150 157.8 124.2 186.2

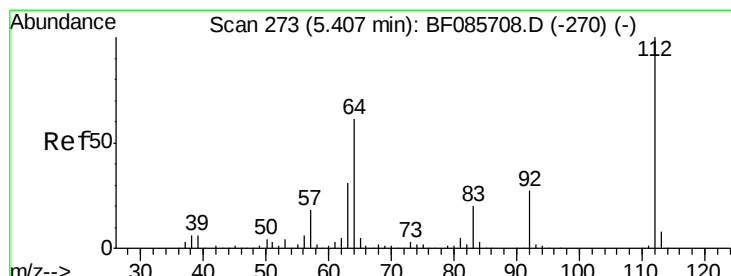
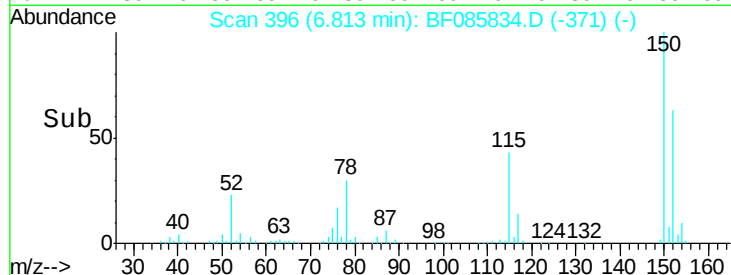
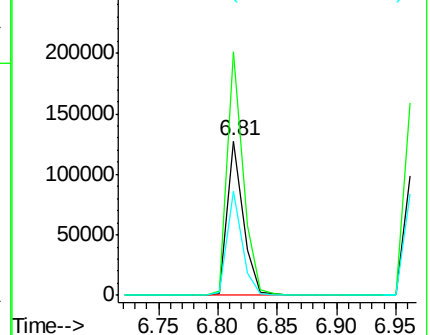
115 67.8 47.0 70.6



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: 132.55 ng

RT: 5.43 min Scan# 275

Delta R.T. 0.02 min

Lab File: BF085834.D

Acq: 29 Mar 2016 6:37

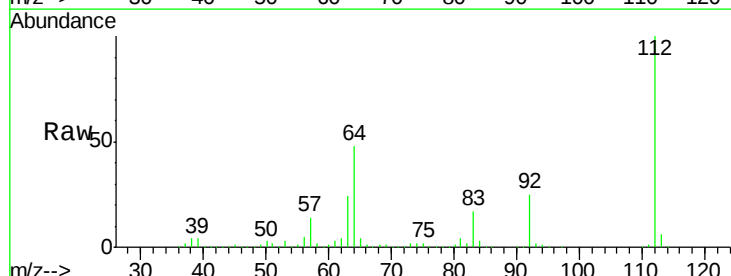
Tgt Ion:112 Resp: 938742

Ion Ratio Lower Upper

112 100

64 47.7 39.9 59.9

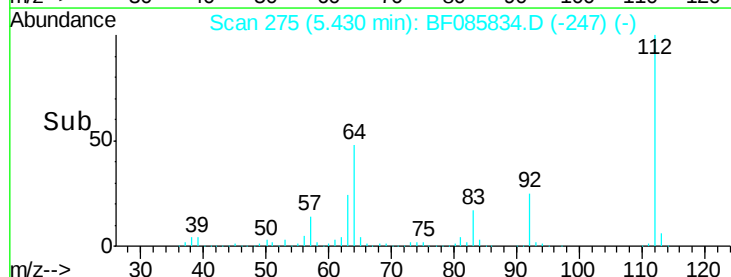
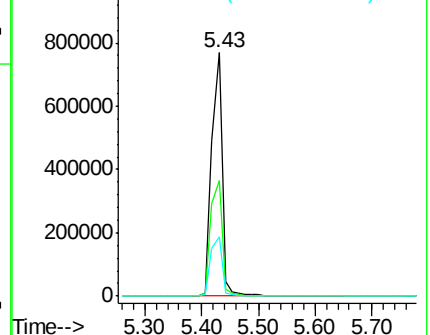
63 24.1 20.2 30.2

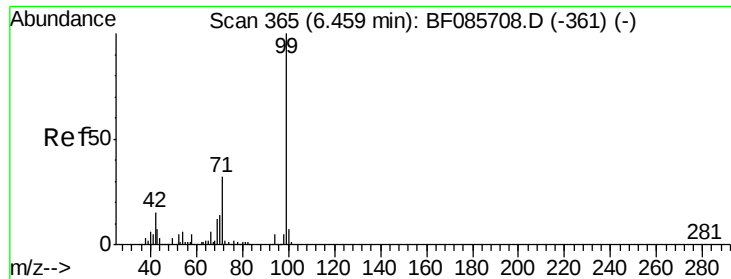


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 117.51 ng

RT: 6.46 min Scan# 365

Delta R.T. 0.00 min

Lab File: BF085834.D

Acq: 29 Mar 2016 6:37

Instrument :

BNA_F

ClientSampleId :

TRACK-D-GRID-10A

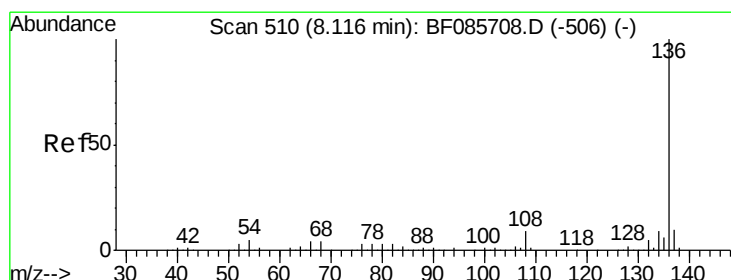
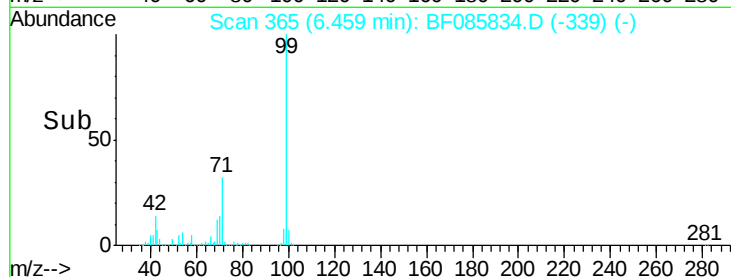
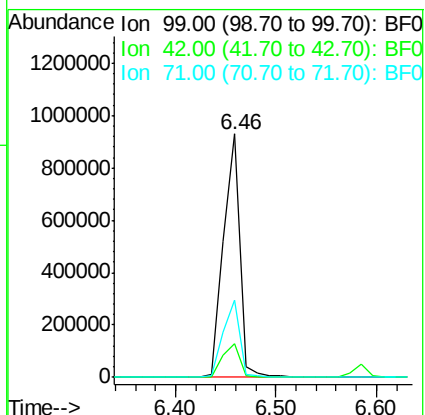
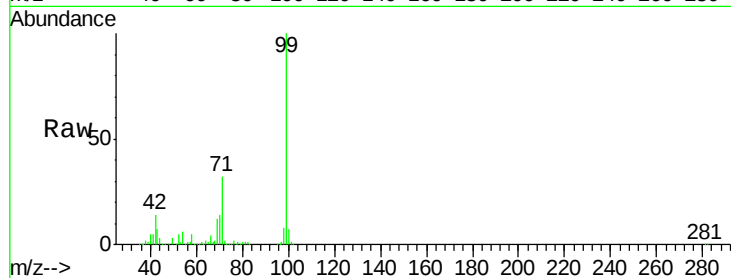
Tgt Ion: 99 Resp: 1058094

Ion Ratio Lower Upper

99 100

42 14.0 11.1 16.7

71 31.5 24.9 37.3



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.10 min Scan# 509

Delta R.T. -0.01 min

Lab File: BF085834.D

Acq: 29 Mar 2016 6:37

Tgt Ion: 136 Resp: 448135

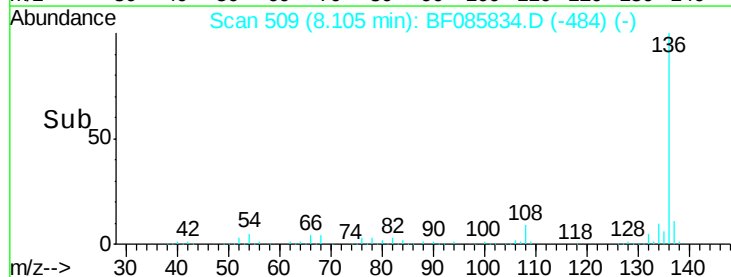
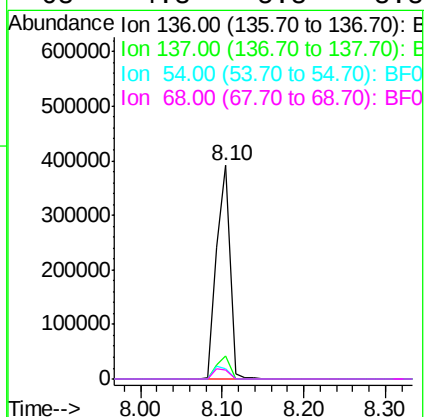
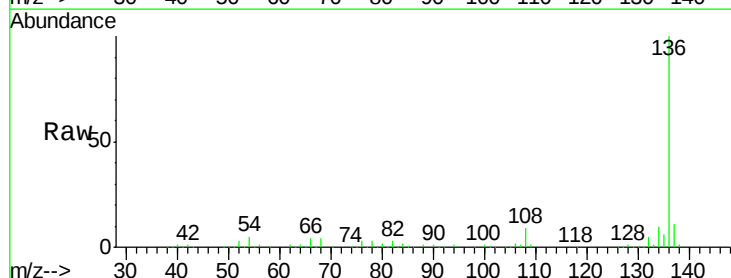
Ion Ratio Lower Upper

136 100

137 10.6 9.1 13.7

54 4.9 7.4 11.0#

68 4.3 5.8 8.8#

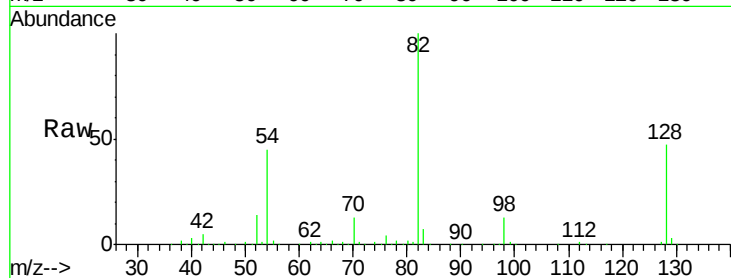




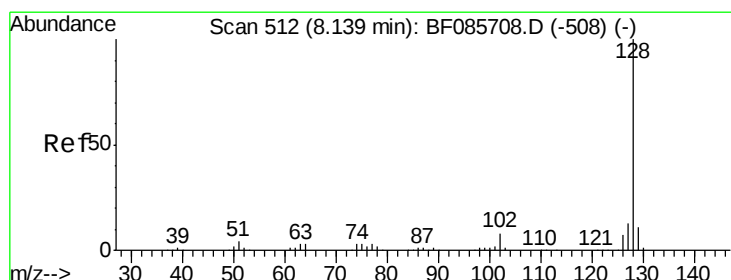
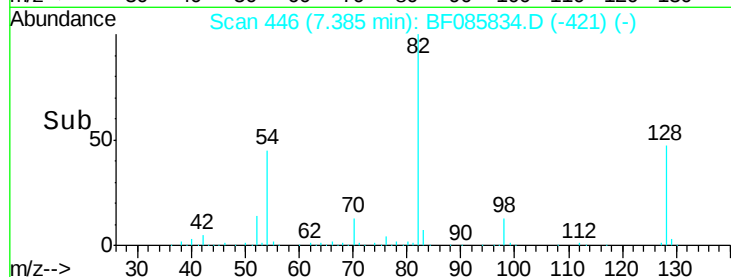
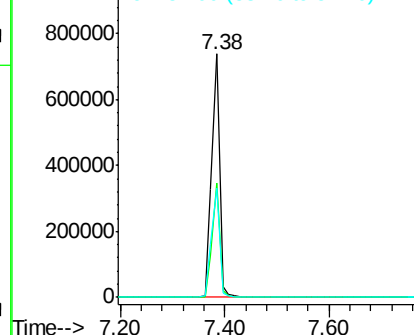
#23
 Nitrobenzene-d5
 Concen: 97.43 ng
 RT: 7.38 min Scan# 446
 Delta R.T. -0.01 min
 Lab File: BF085834.D
 Acq: 29 Mar 2016 6:37

Instrument :
 BNA_F
 ClientSampleId :
 TRACK-D-GRID-10A

Tgt Ion: 82 Resp: 775353
 Ion Ratio Lower Upper
 82 100
 128 47.1 41.8 62.8
 54 44.6 33.4 50.0

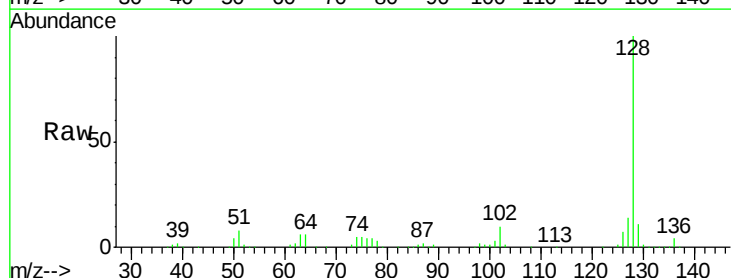


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

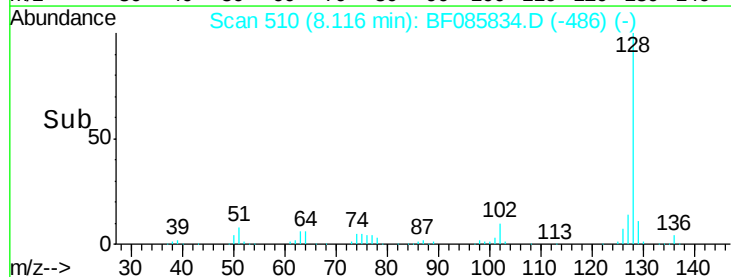
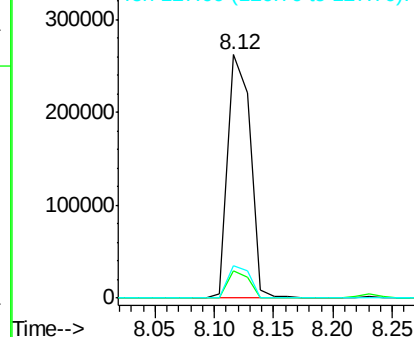


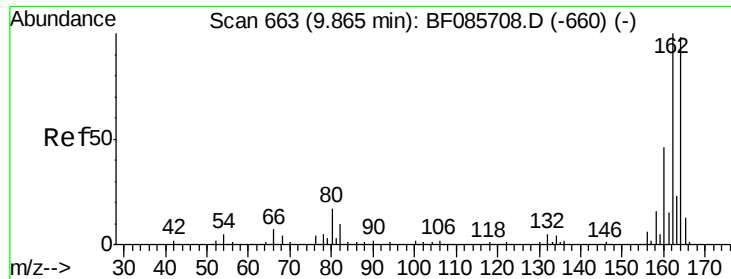
#31
 Naphthalene
 Concen: 15.27 ng
 RT: 8.12 min Scan# 510
 Delta R.T. -0.02 min
 Lab File: BF085834.D
 Acq: 29 Mar 2016 6:37

Tgt Ion: 128 Resp: 344773
 Ion Ratio Lower Upper
 128 100
 129 11.3 9.4 14.0
 127 13.5 11.0 16.6



Abundance Ion 128.00 (127.70 to 128.70): E
 Ion 129.00 (128.70 to 129.70): E
 Ion 127.00 (126.70 to 127.70): E





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.85 min Scan# 662

Delta R.T. -0.01 min

Lab File: BF085834.D

Acq: 29 Mar 2016 6:37

Instrument :

BNA_F

ClientSampleId :

TRACK-D-GRID-10A

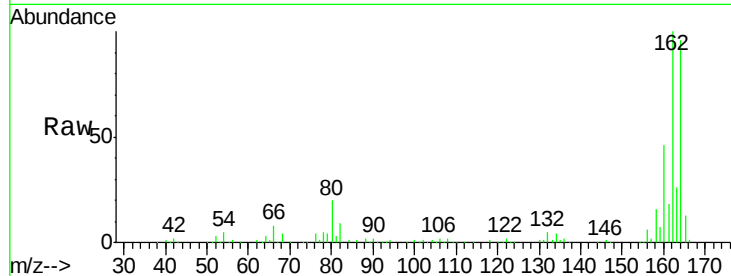
Tgt Ion:164 Resp: 188533

Ion Ratio Lower Upper

164 100

162 103.7 82.1 123.1

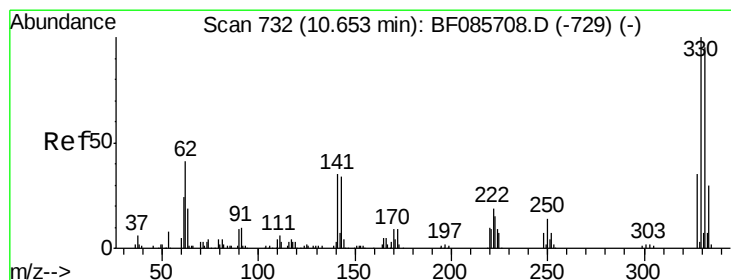
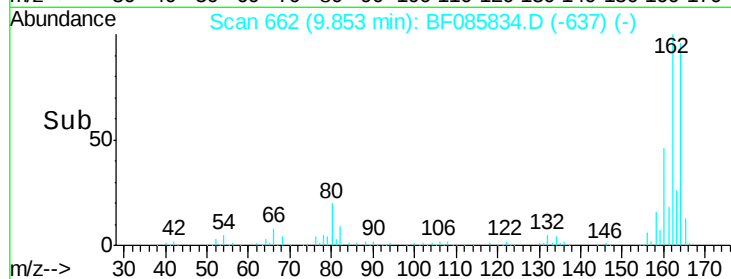
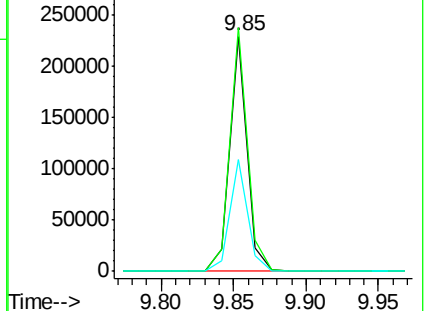
160 47.8 37.4 56.2



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: 140.89 ng

RT: 10.64 min Scan# 731

Delta R.T. -0.01 min

Lab File: BF085834.D

Acq: 29 Mar 2016 6:37

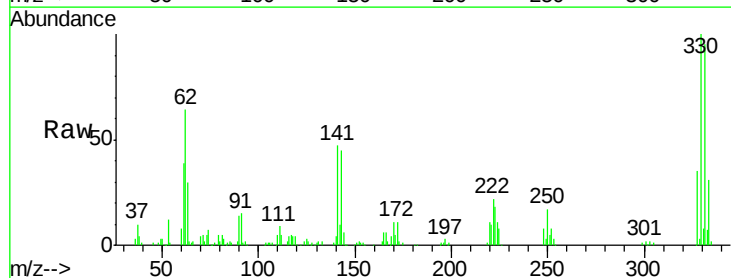
Tgt Ion:330 Resp: 252380

Ion Ratio Lower Upper

330 100

332 96.6 78.2 117.2

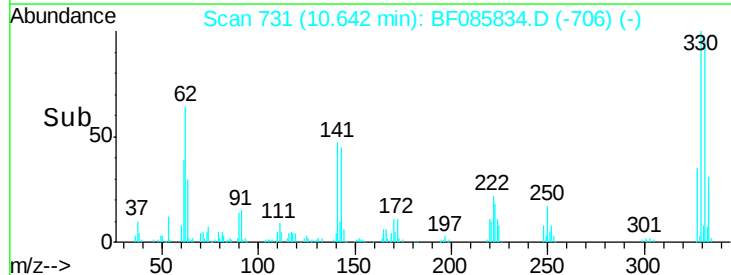
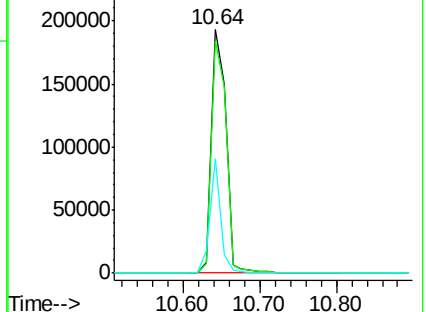
141 35.0 31.5 47.3

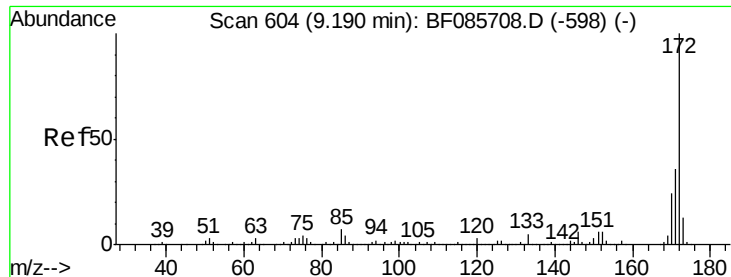


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

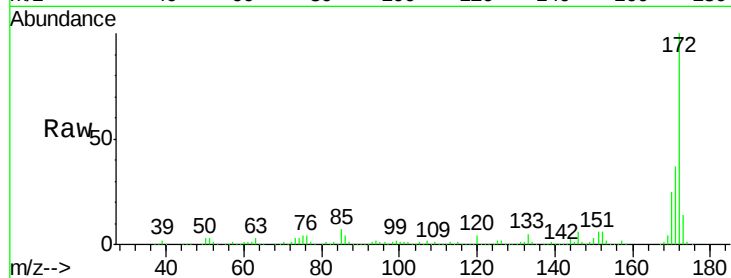




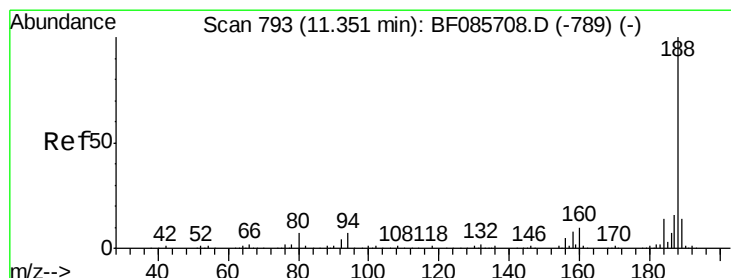
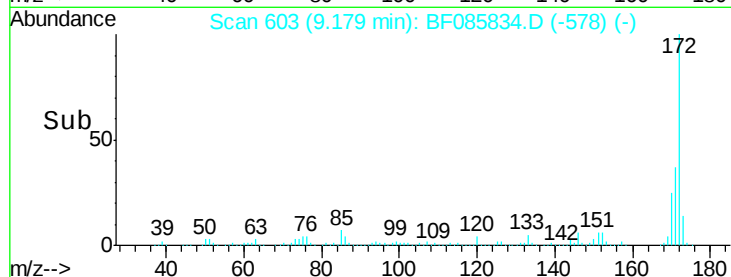
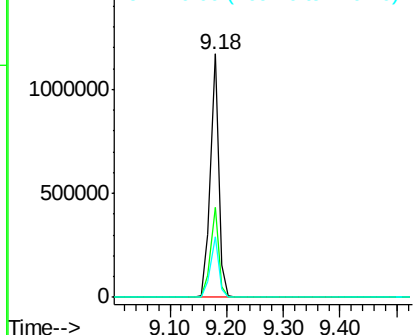
#44
 2-Fluorobiphenyl
 Concen: 101.12 ng
 RT: 9.18 min Scan# 603
 Delta R.T. -0.01 min
 Lab File: BF085834.D
 Acq: 29 Mar 2016 6:37

Instrument :
 BNA_F
 ClientSampleId :
 TRACK-D-GRID-10A

Tgt Ion:172 Resp: 1141101
 Ion Ratio Lower Upper
 172 100
 171 36.8 29.4 44.2
 170 25.0 19.8 29.6

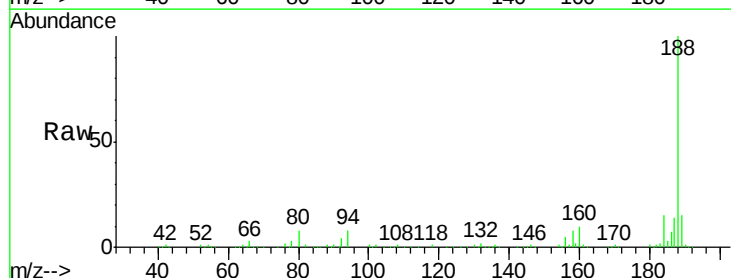


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

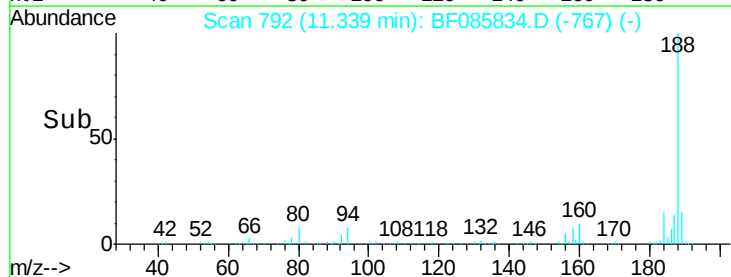
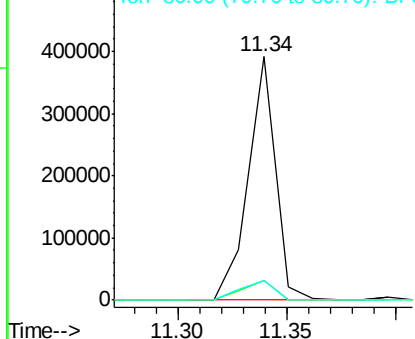


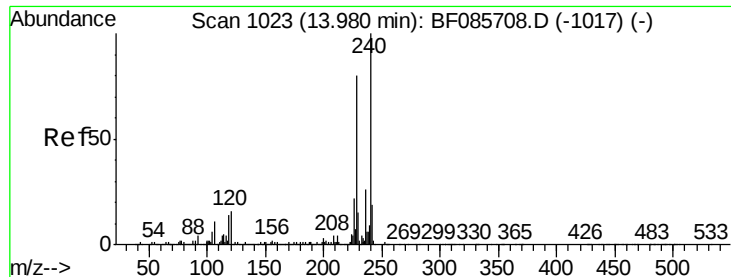
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.34 min Scan# 792
 Delta R.T. -0.01 min
 Lab File: BF085834.D
 Acq: 29 Mar 2016 6:37

Tgt Ion:188 Resp: 341217
 Ion Ratio Lower Upper
 188 100
 94 8.2 5.4 8.0#
 80 8.3 5.5 8.3#



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: 13.97 min Scan# 1022

Delta R.T. -0.01 min

Lab File: BF085834.D

Acq: 29 Mar 2016 6:37

Instrument :

BNA_F

ClientSampleId :

TRACK-D-GRID-10A

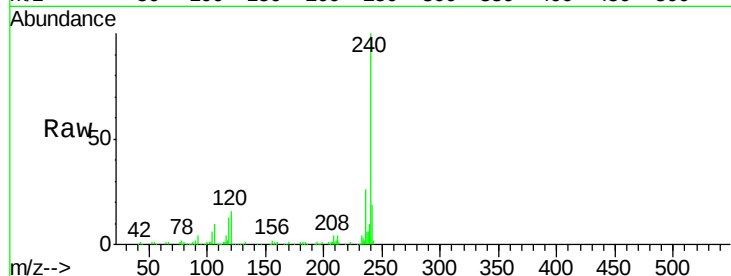
Tgt Ion:240 Resp: 204734

Ion Ratio Lower Upper

240 100

120 15.9 13.8 20.8

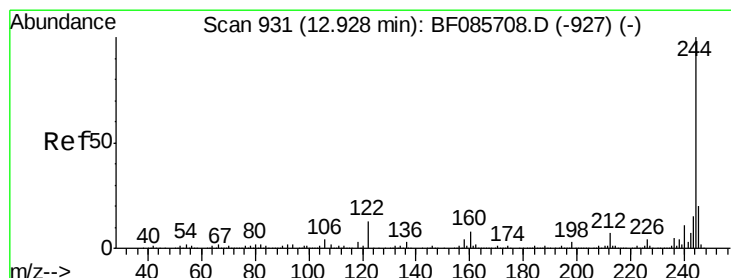
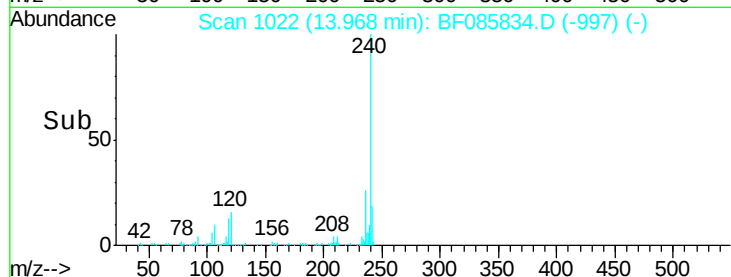
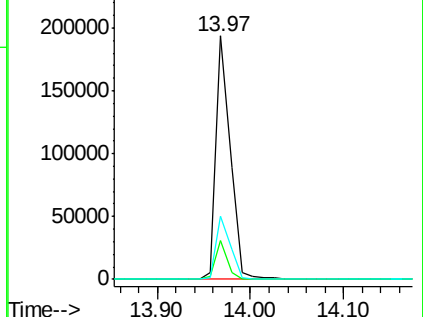
236 26.2 20.6 30.8



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: 102.48 ng

RT: 12.93 min Scan# 931

Delta R.T. 0.00 min

Lab File: BF085834.D

Acq: 29 Mar 2016 6:37

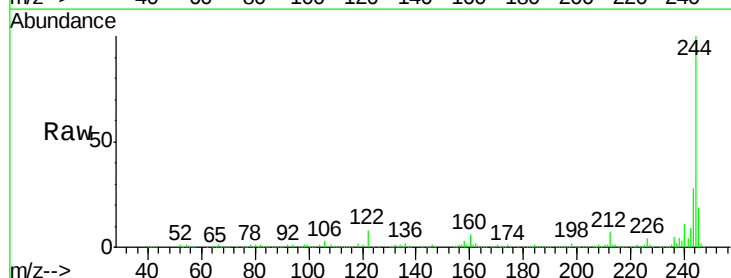
Tgt Ion:244 Resp: 1020166

Ion Ratio Lower Upper

244 100

212 6.7 6.1 9.1

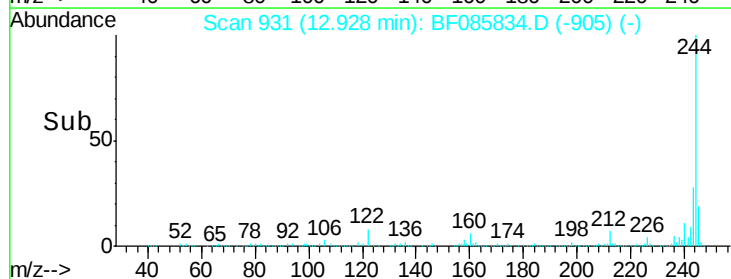
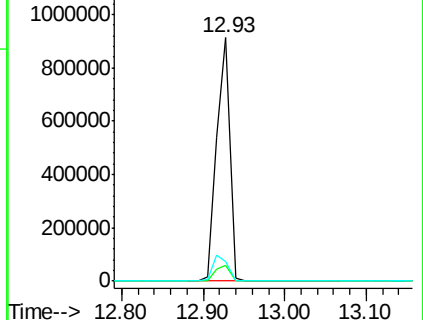
122 7.9 10.2 15.4#

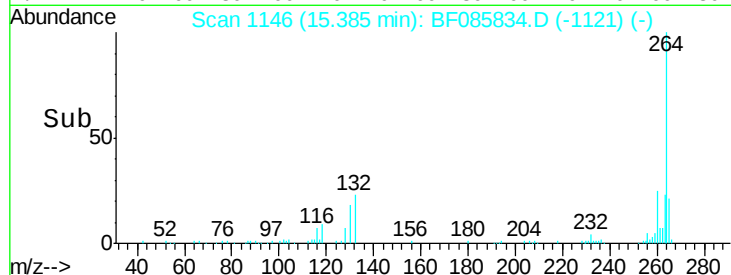
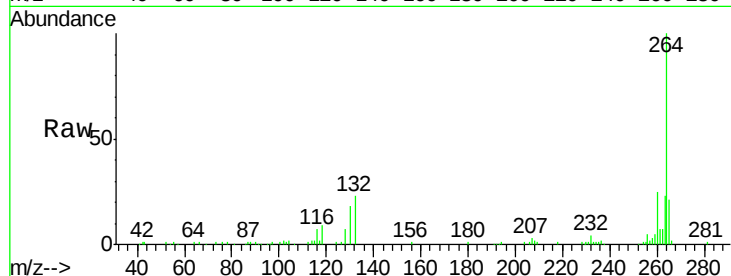
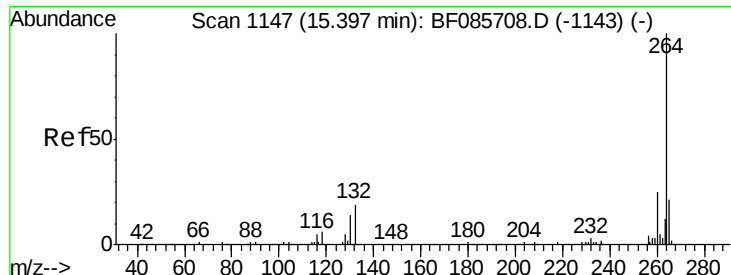


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.39 min Scan# 1146

Delta R.T. -0.01 min

Lab File: BF085834.D

Acq: 29 Mar 2016 6:37

Instrument :

BNA_F

ClientSampleId :

TRACK-D-GRID-10A

Tgt Ion:264 Resp: 130757

Ion Ratio Lower Upper

264 100

260 25.0 19.4 29.2

265 21.1 17.2 25.8

