

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030216\
 Data File : BF085125.D
 Acq On : 2 Mar 2016 17:58
 Operator : SJ/IZ
 Sample : H1620-09
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
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Quant Time: Mar 03 05:38:49 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 02 13:25:39 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.00	152	159361	20.00	ng	0.00
21) Naphthalene-d8	8.28	136	660834	20.00	ng	0.00
38) Acenaphthene-d10	10.04	164	304210	20.00	ng	0.00
63) Phenanthrene-d10	11.52	188	527216	20.00	ng	0.00
75) Chrysene-d12	14.15	240	344282	20.00	ng	0.00
86) Perylene-d12	15.64	264	396163	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	408255	41.59	ng	0.01
7) Phenol-d6	6.61	99	409382	31.81	ng	0.00
23) Nitrobenzene-d5	7.56	82	1215609	97.87	ng	0.00
41) 2,4,6-Tribromophenol	10.81	330	42447	13.88	ng	0.00
44) 2-Fluorobiphenyl	9.35	172	1840389	89.10	ng	0.00
78) Terphenyl-d14	13.10	244	1548795	105.53	ng	0.00

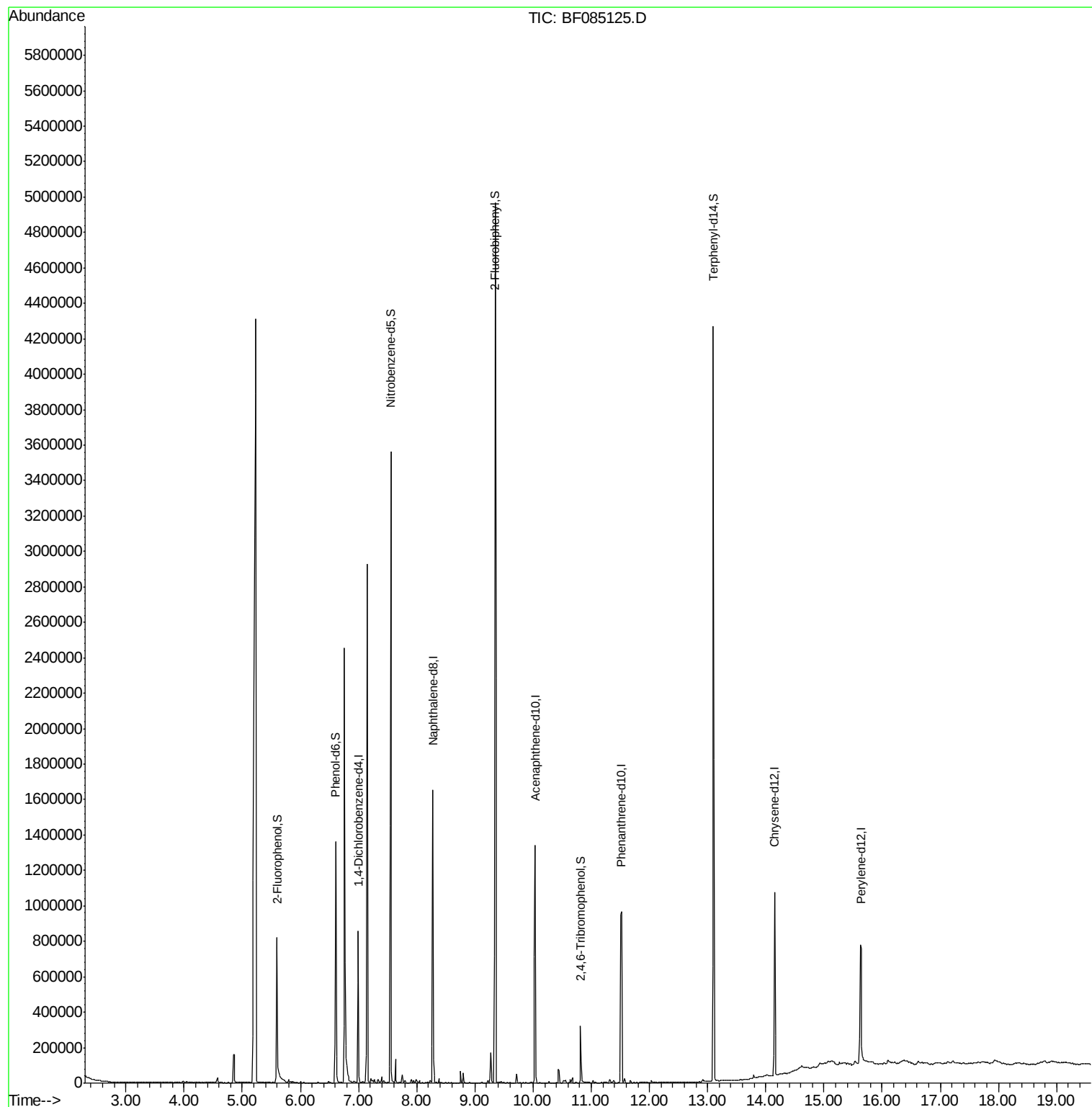
Target Compounds	Qvalue
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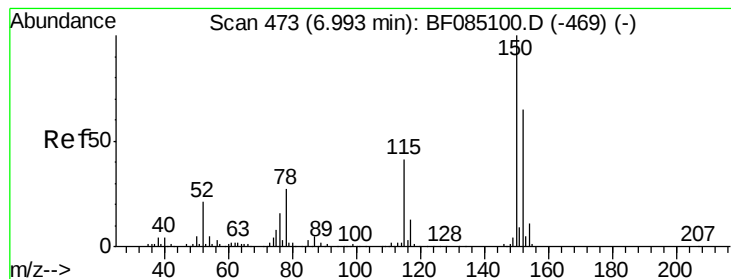
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Mar 02 13:25:39 2016
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.00 min Scan# 412

Delta R.T. 0.00 min

Lab File: BF085125.D

Acq: 2 Mar 2016 17:58

Instrument :

BNA_F

ClientSampleId :

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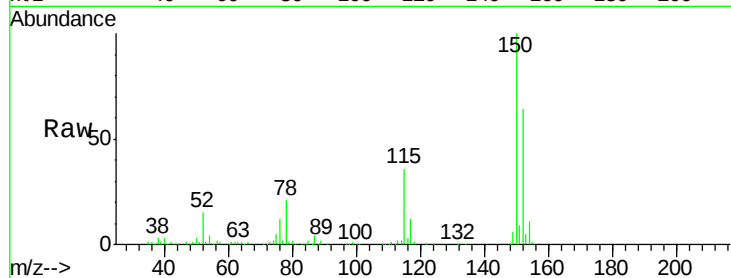
Tgt Ion:152 Resp: 159361

Ion Ratio Lower Upper

152 100

150 155.5 123.4 185.0

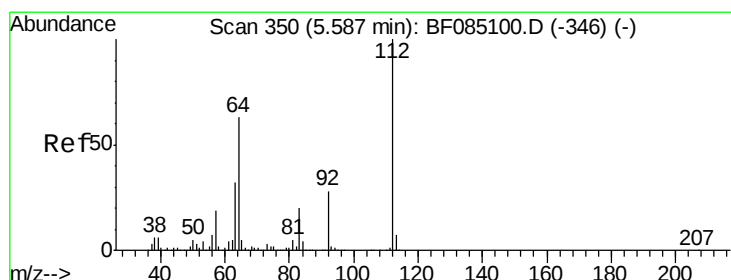
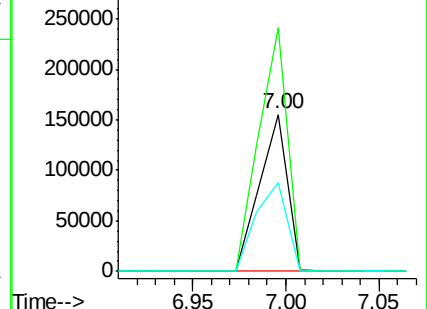
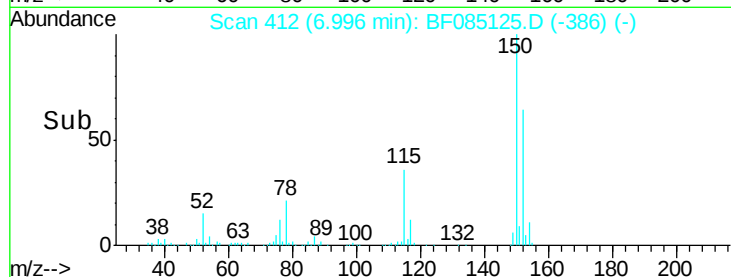
115 56.6 50.0 75.0



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



#5

2-Fluorophenol

Concen: 41.59 ng

RT: 5.60 min Scan# 290

Delta R.T. 0.01 min

Lab File: BF085125.D

Acq: 2 Mar 2016 17:58

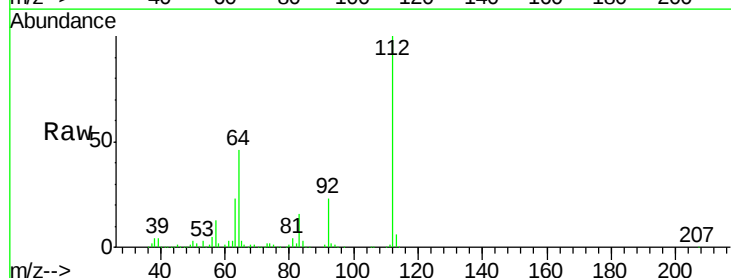
Tgt Ion:112 Resp: 408255

Ion Ratio Lower Upper

112 100

64 45.9 50.6 76.0#

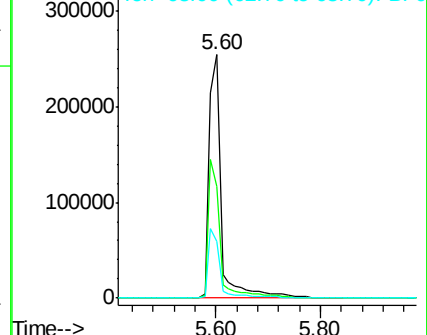
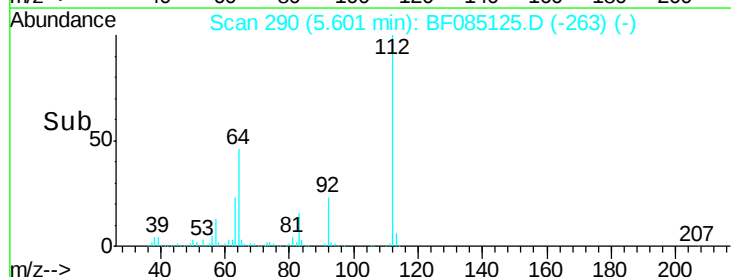
63 23.1 25.5 38.3#

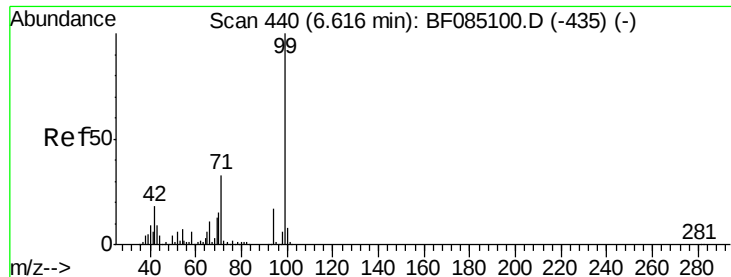


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 31.81 ng

RT: 6.61 min Scan# 378

Delta R.T. -0.01 min

Lab File: BF085125.D

Acq: 2 Mar 2016 17:58

Instrument :

BNA_F

ClientSampleId :

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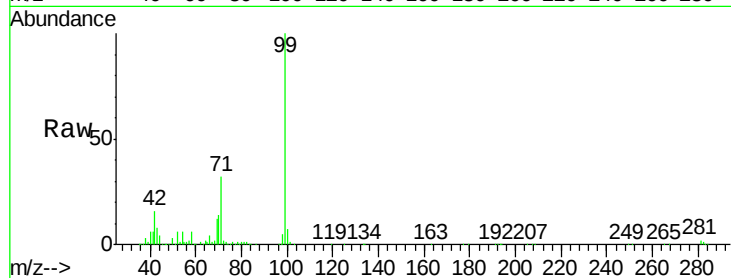
Tgt Ion: 99 Resp: 409382

Ion Ratio Lower Upper

99 100

42 16.4 14.1 21.1

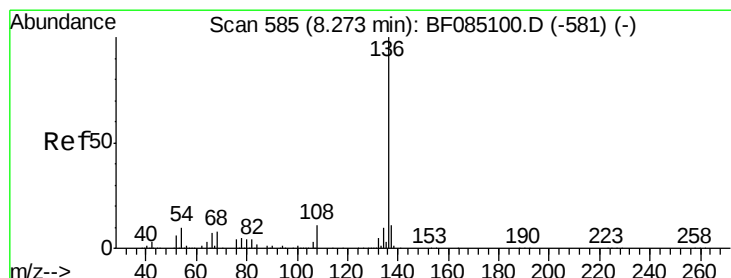
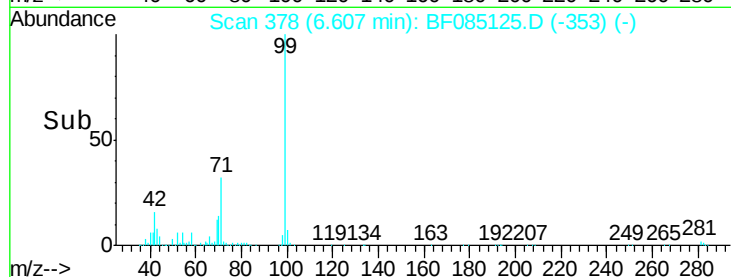
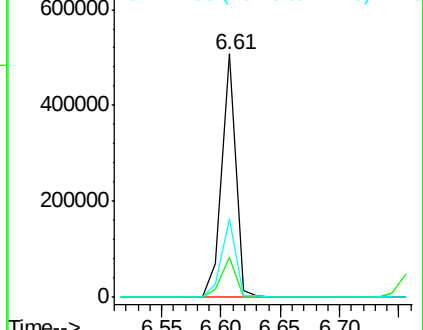
71 32.0 26.8 40.2



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: 8.28 min Scan# 524

Delta R.T. 0.00 min

Lab File: BF085125.D

Acq: 2 Mar 2016 17:58

Tgt Ion: 136 Resp: 660834

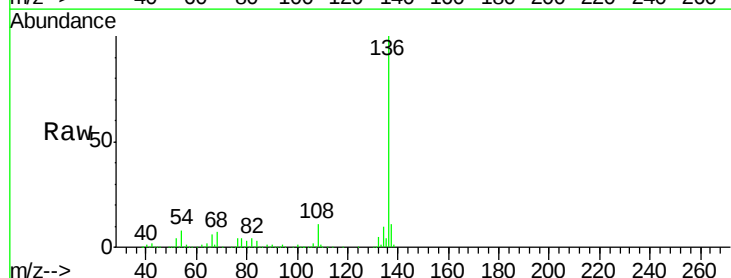
Ion Ratio Lower Upper

136 100

137 11.0 9.1 13.7

54 8.4 8.5 12.7#

68 6.6 6.4 9.6

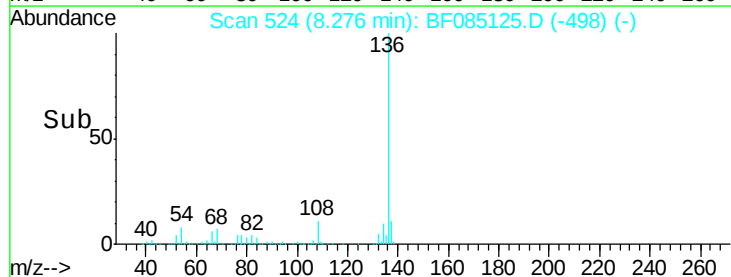
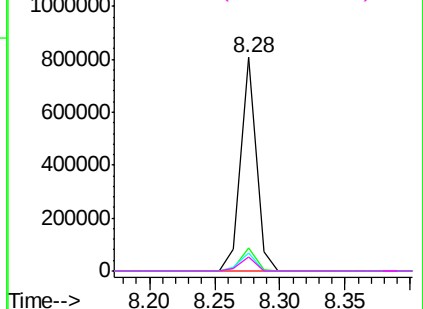


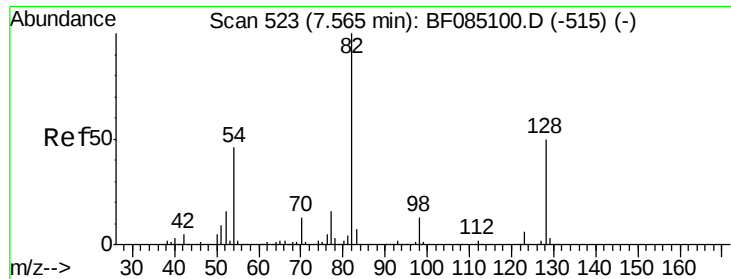
Abundance Ion 136.00 (135.70 to 136.70): E

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

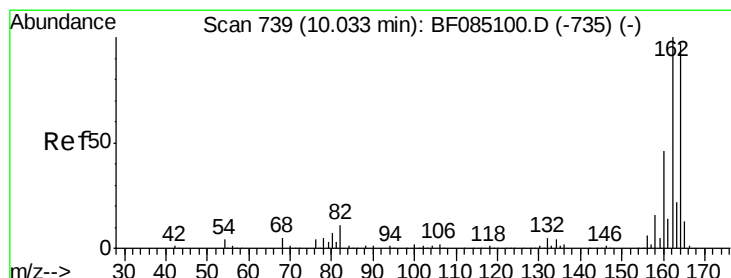
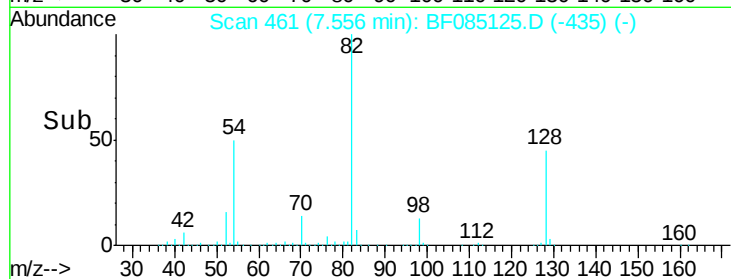
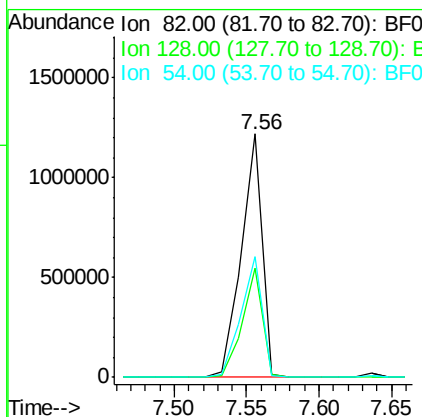
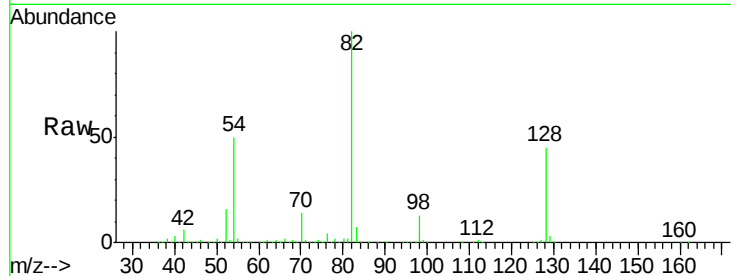




#23
 Nitrobenzene-d5
 Concen: 97.87 ng
 RT: 7.56 min Scan# 461
 Delta R.T. -0.01 min
 Lab File: BF085125.D
 Acq: 2 Mar 2016 17:58

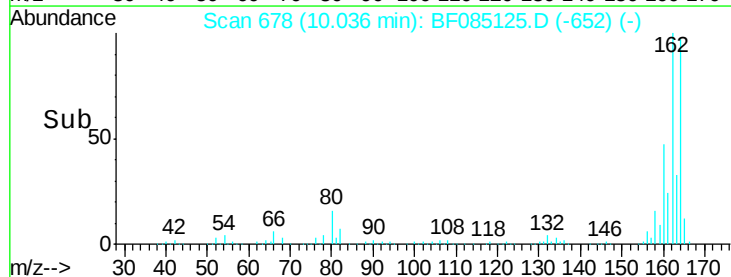
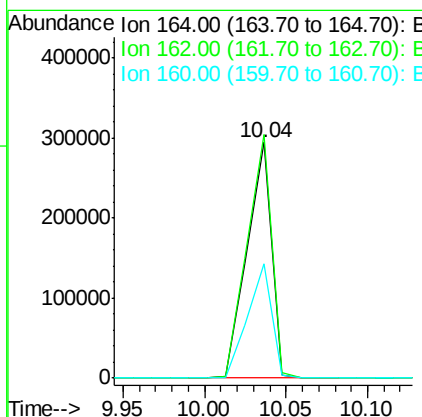
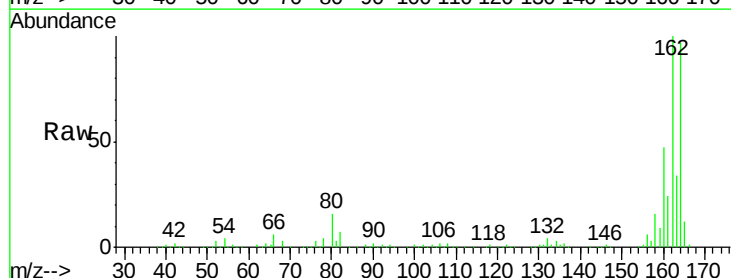
Instrument :
 BNA_F
 ClientSampleId :
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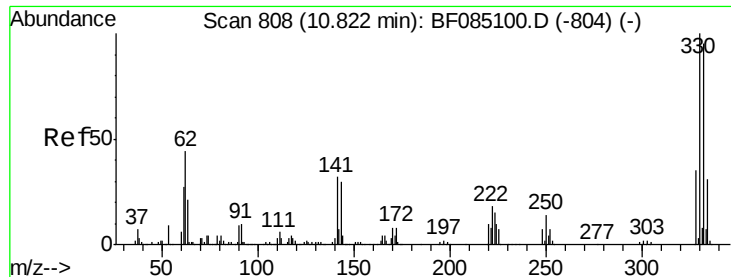
Tgt Ion: 82 Resp: 1215609
 Ion Ratio Lower Upper
 82 100
 128 44.9 39.8 59.6
 54 49.5 36.6 54.8



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.04 min Scan# 678
 Delta R.T. 0.00 min
 Lab File: BF085125.D
 Acq: 2 Mar 2016 17:58

Tgt Ion: 164 Resp: 304210
 Ion Ratio Lower Upper
 164 100
 162 103.3 82.6 123.8
 160 48.4 38.2 57.2

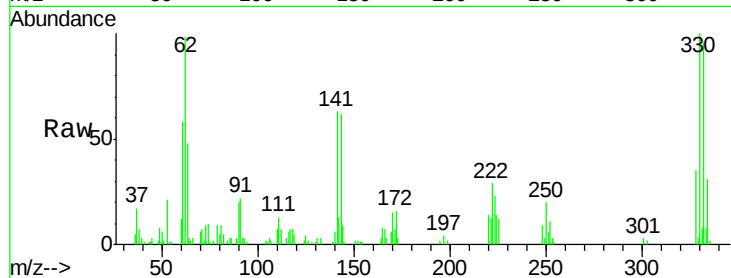




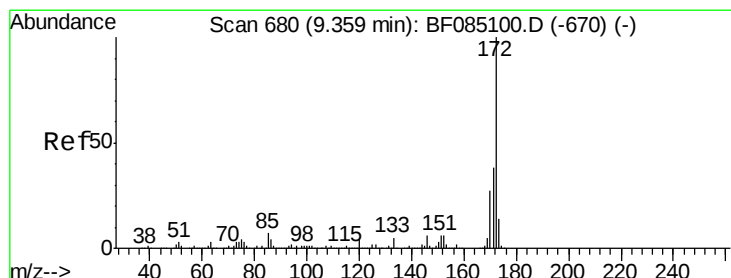
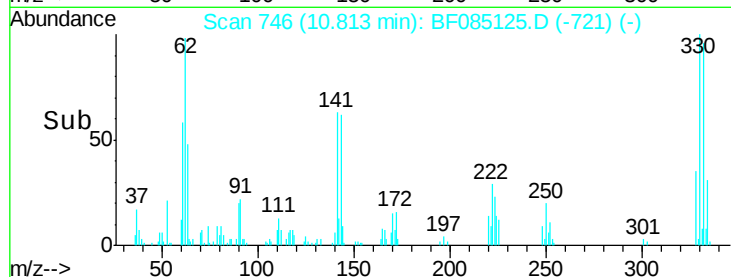
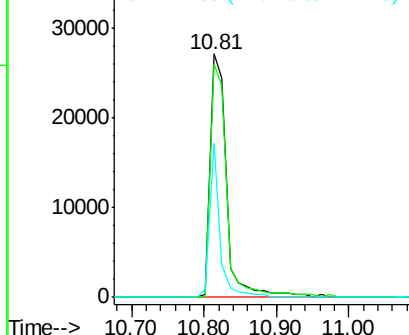
#41
 2,4,6-Tribromophenol
 Concen: 13.88 ng
 RT: 10.81 min Scan# 746
 Delta R.T. -0.01 min
 Lab File: BF085125.D
 Acq: 2 Mar 2016 17:58

Instrument :
 BNA_F
 ClientSampleId :
 FIELDBLANK

Tgt Ion:330 Resp: 42447
 Ion Ratio Lower Upper
 330 100
 332 96.4 75.9 113.9
 141 39.4 28.9 43.3

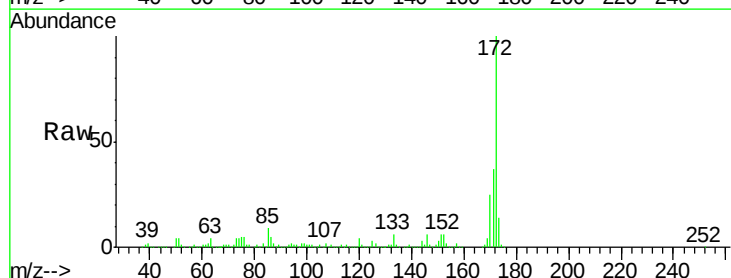


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

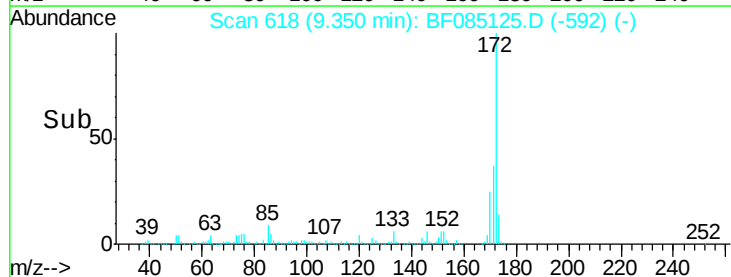
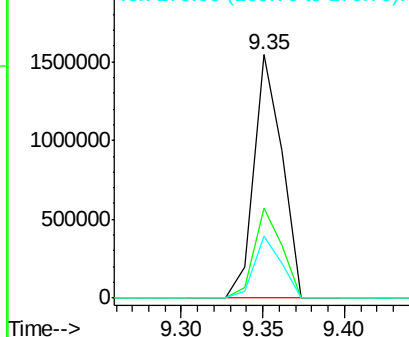


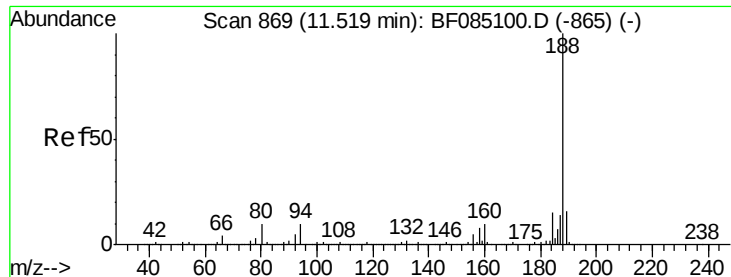
#44
 2-Fluorobiphenyl
 Concen: 89.10 ng
 RT: 9.35 min Scan# 618
 Delta R.T. -0.01 min
 Lab File: BF085125.D
 Acq: 2 Mar 2016 17:58

Tgt Ion:172 Resp: 1840389
 Ion Ratio Lower Upper
 172 100
 171 37.2 30.5 45.7
 170 25.2 21.2 31.8



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: 11.52 min Scan# 808

Delta R.T. 0.00 min

Lab File: BF085125.D

Acq: 2 Mar 2016 17:58

Instrument :

BNA_F

ClientSampled :

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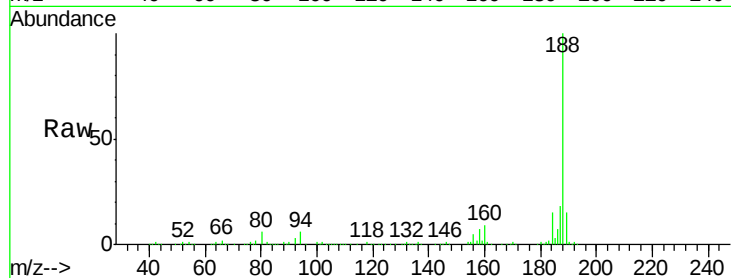
Tgt Ion:188 Resp: 527216

Ion Ratio Lower Upper

188 100

94 6.2 7.8 11.6#

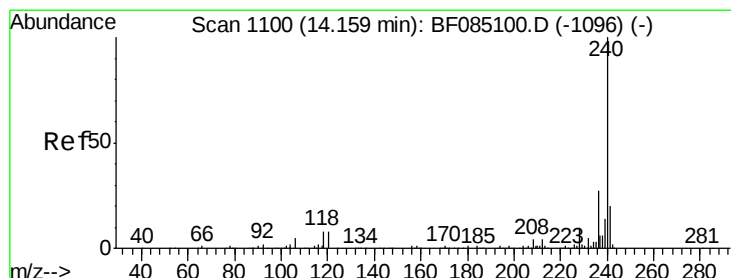
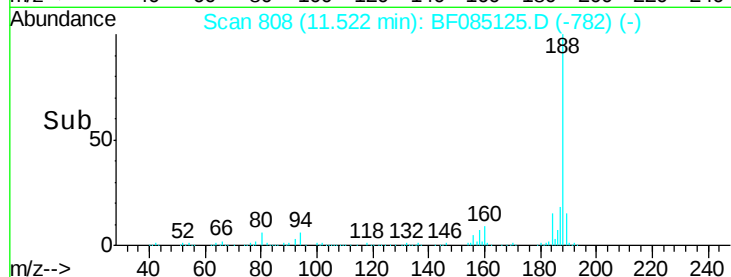
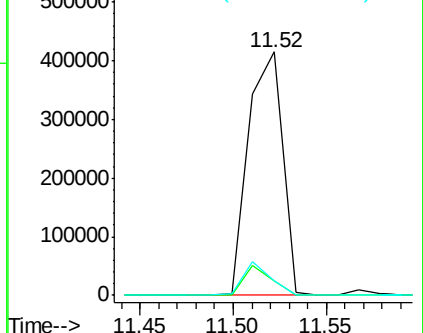
80 6.2 8.2 12.4#



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: 14.15 min Scan# 1038

Delta R.T. -0.01 min

Lab File: BF085125.D

Acq: 2 Mar 2016 17:58

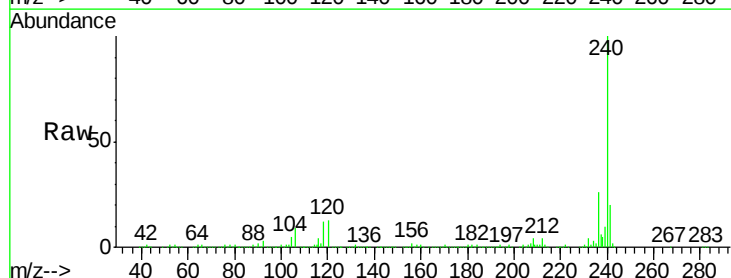
Tgt Ion:240 Resp: 344282

Ion Ratio Lower Upper

240 100

120 13.4 6.7 10.1#

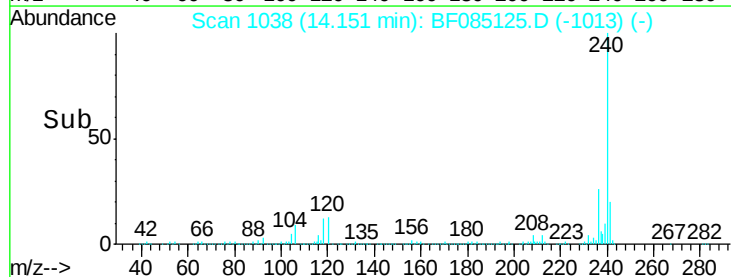
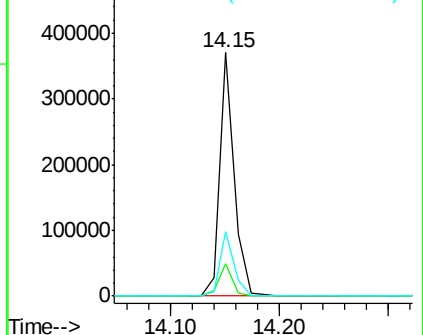
236 26.4 21.6 32.4

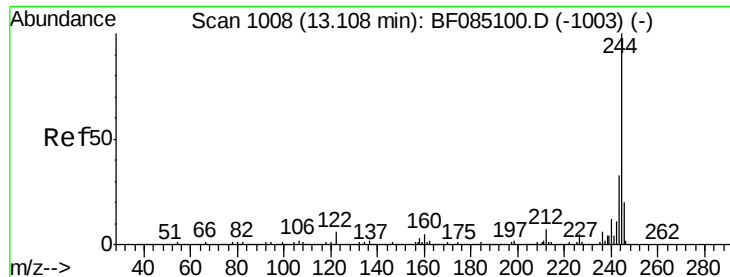


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

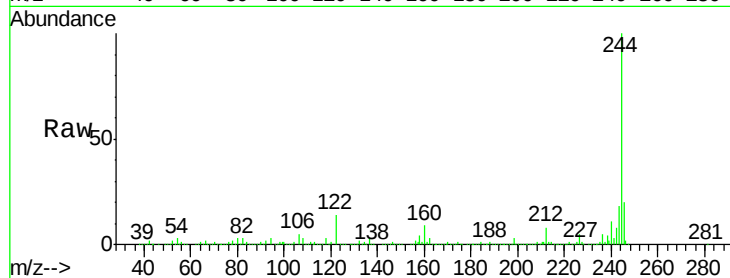




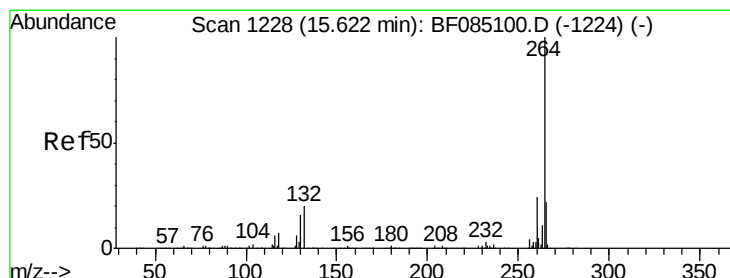
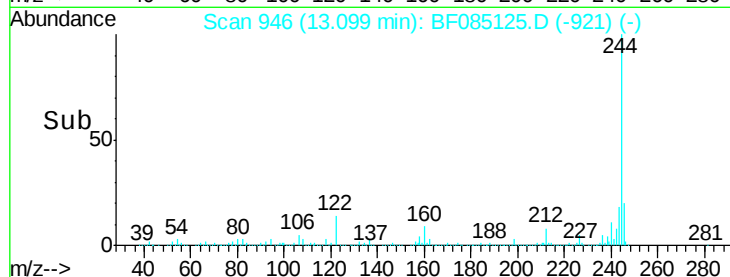
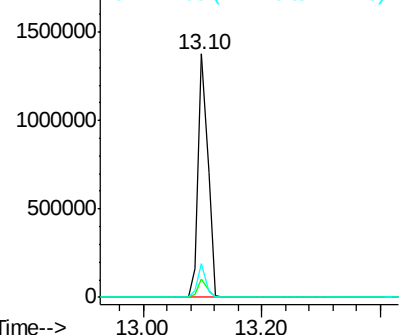
#78
 Terphenyl-d14
 Concen: 105.53 ng
 RT: 13.10 min Scan# 946
 Delta R.T. -0.01 min
 Lab File: BF085125.D
 Acq: 2 Mar 2016 17:58

Instrument :
 BNA_F
 ClientSampleId :
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Tgt Ion:244 Resp: 1548795
 Ion Ratio Lower Upper
 244 100
 212 7.6 5.4 8.0
 122 14.1 5.1 7.7#

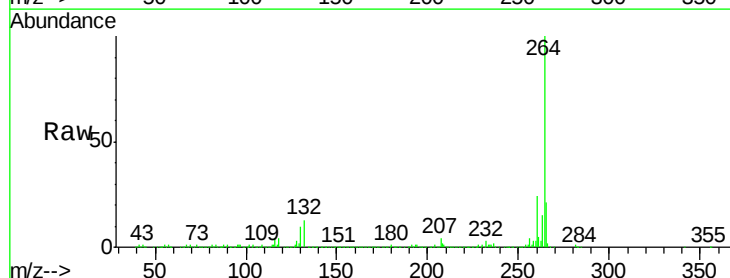


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.64 min Scan# 1168
 Delta R.T. 0.01 min
 Lab File: BF085125.D
 Acq: 2 Mar 2016 17:58

Tgt Ion:264 Resp: 396163
 Ion Ratio Lower Upper
 264 100
 260 24.1 19.6 29.4
 265 21.3 17.4 26.2



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

