

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031716\
 Data File : BF085507.D
 Acq On : 17 Mar 2016 22:44
 Operator : UM/SJ
 Sample : H1790-04RE
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 GRID-8B-(10-20)RE

Quant Time: Mar 18 06:58:31 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031516.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 15 18:57:05 2016
 Response via : Initial Calibration

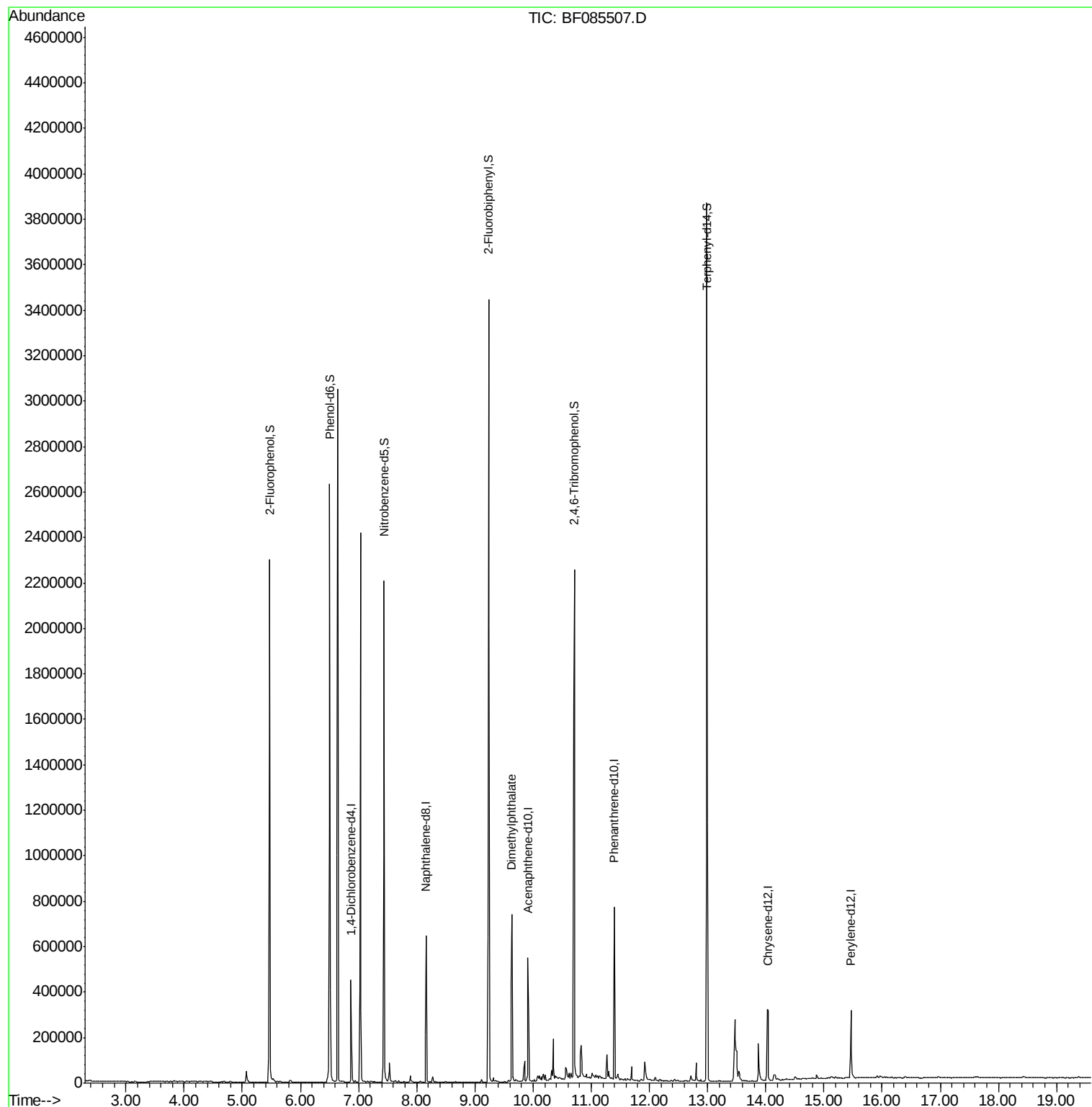
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	74473	20.00	ng	-0.05
21) Naphthalene-d8	8.16	136	311123	20.00	ng	-0.05
38) Acenaphthene-d10	9.91	164	128816	20.00	ng	-0.05
63) Phenanthrene-d10	11.40	188	256652	20.00	ng	-0.05
75) Chrysene-d12	14.04	240	159964	20.00	ng	-0.05
86) Perylene-d12	15.47	264	136209	20.00	ng	-0.07
System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	885297	204.34	ng	-0.03
7) Phenol-d6	6.50	99	1126005	200.36	ng	-0.05
23) Nitrobenzene-d5	7.44	82	820336	155.90	ng	-0.05
41) 2,4,6-Tribromophenol	10.71	330	408800	344.55	ng	-0.05
44) 2-Fluorobiphenyl	9.24	172	1465324	197.34	ng	-0.05
78) Terphenyl-d14	12.99	244	1386226	196.04	ng	-0.05
Target Compounds						
49) Dimethylphthalate	9.64	163	385430	41.01	ng	Qvalue 99

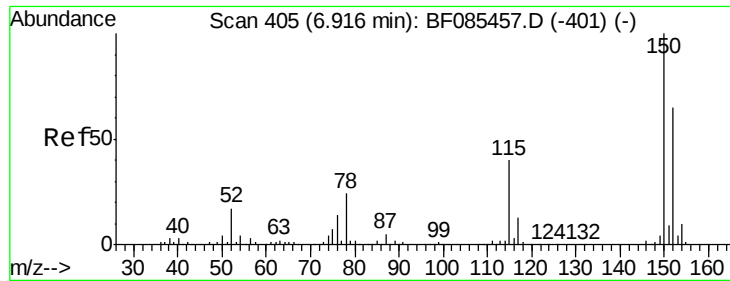
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.87 min Scan# 401

Delta R.T. -0.05 min

Lab File: BF085507.D

Acq: 17 Mar 2016 22:44

Instrument :

BNA_F

ClientSampleId :

GRID-8B-(10-20)RE

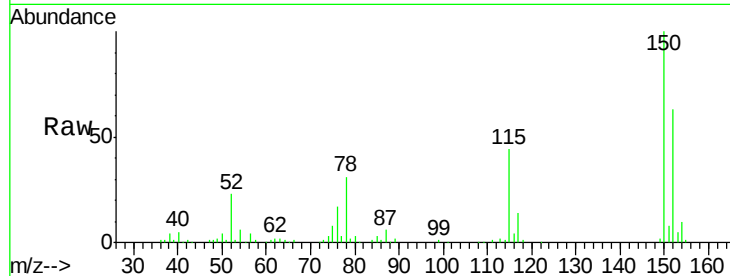
Tgt Ion:152 Resp: 74473

Ion Ratio Lower Upper

152 100

150 160.0 124.6 186.8

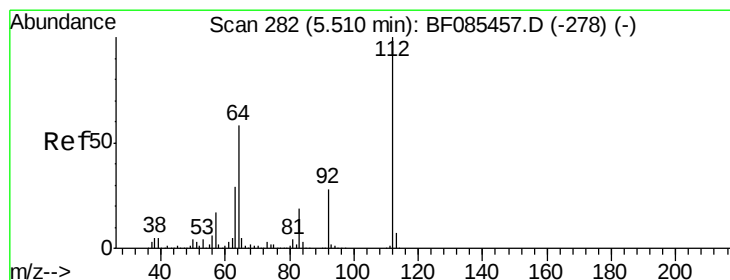
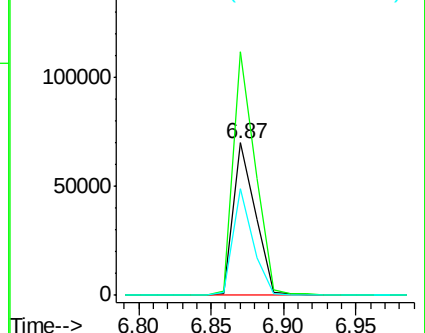
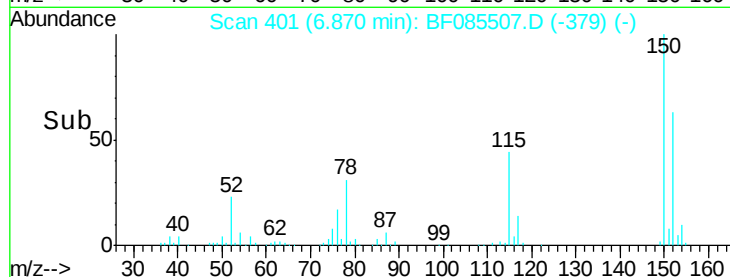
115 70.4 46.6 70.0#



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



#5

2-Fluorophenol

Concen: 204.34 ng

RT: 5.48 min Scan# 279

Delta R.T. -0.03 min

Lab File: BF085507.D

Acq: 17 Mar 2016 22:44

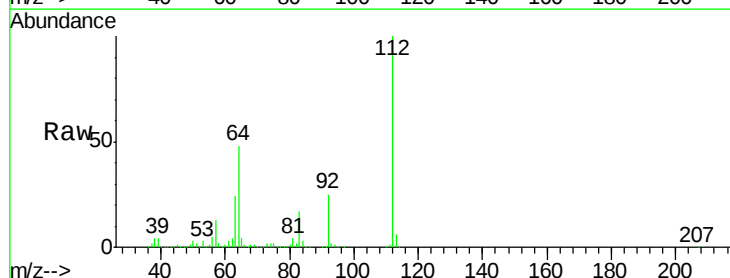
Tgt Ion:112 Resp: 885297

Ion Ratio Lower Upper

112 100

64 48.1 49.0 73.4#

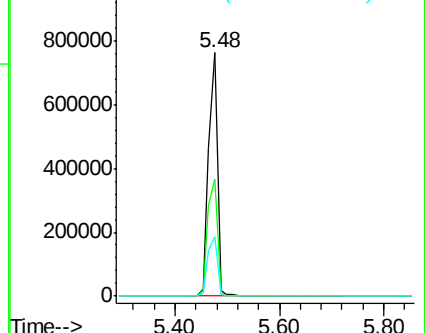
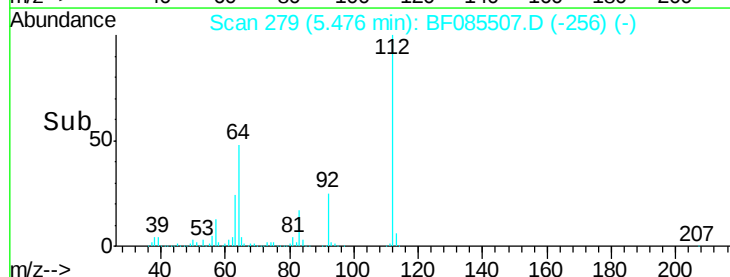
63 24.2 24.8 37.2#

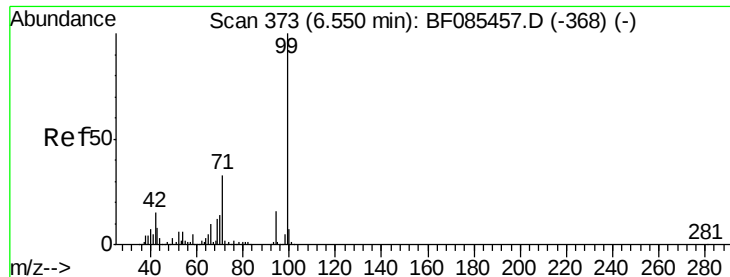


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 200.36 ng

RT: 6.50 min Scan# 369

Delta R.T. -0.05 min

Lab File: BF085507.D

Acq: 17 Mar 2016 22:44

Instrument :

BNA_F

ClientSampleId :

GRID-8B-(10-20)RE

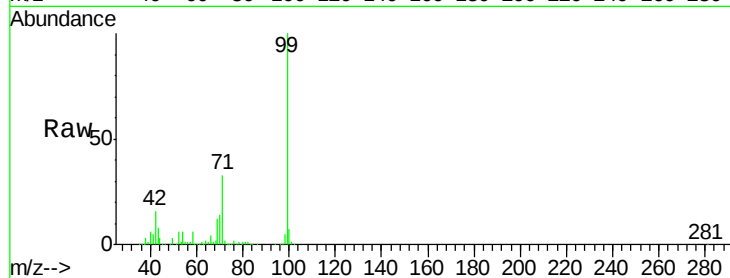
Tgt Ion: 99 Resp: 1126005

Ion Ratio Lower Upper

99 100

42 15.6 13.6 20.4

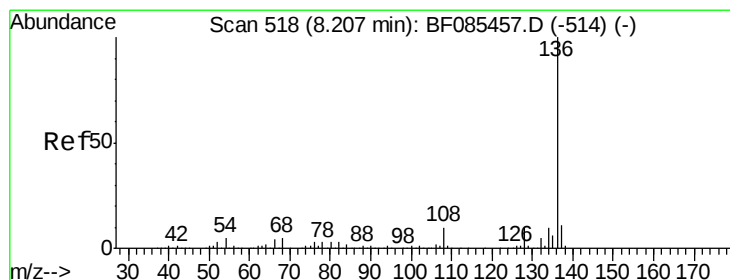
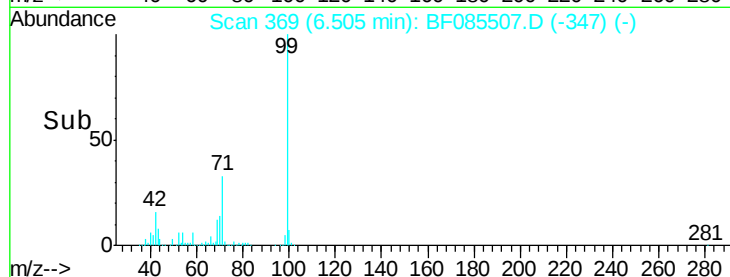
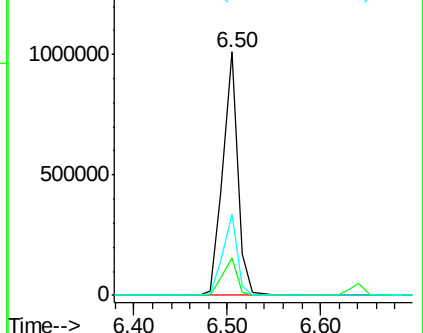
71 33.4 26.7 40.1



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: 8.16 min Scan# 514

Delta R.T. -0.05 min

Lab File: BF085507.D

Acq: 17 Mar 2016 22:44

Tgt Ion: 136 Resp: 311123

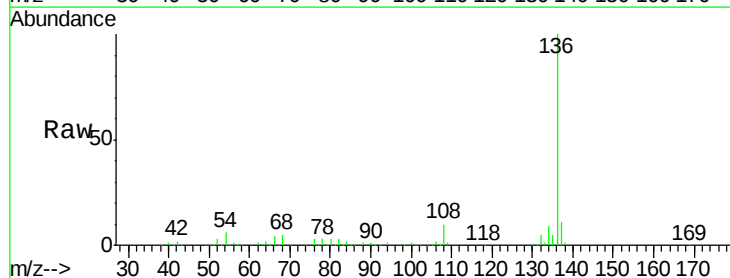
Ion Ratio Lower Upper

136 100

137 10.7 9.3 13.9

54 5.5 7.4 11.2#

68 5.0 6.0 9.0#

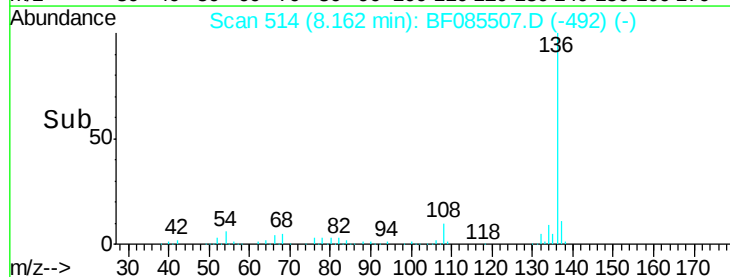
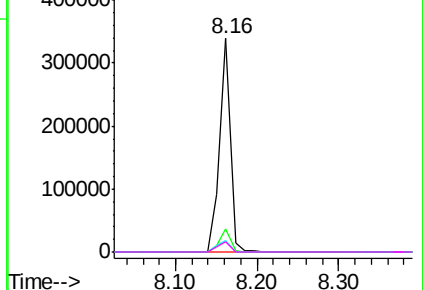


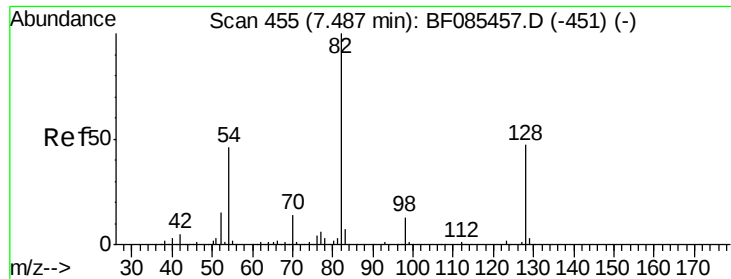
Abundance Ion 136.00 (135.70 to 136.70): E

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: 155.90 ng

RT: 7.44 min Scan# 451

Delta R.T. -0.05 min

Lab File: BF085507.D

Acq: 17 Mar 2016 22:44

Instrument :

BNA_F

ClientSampleId :

GRID-8B-(10-20)RE

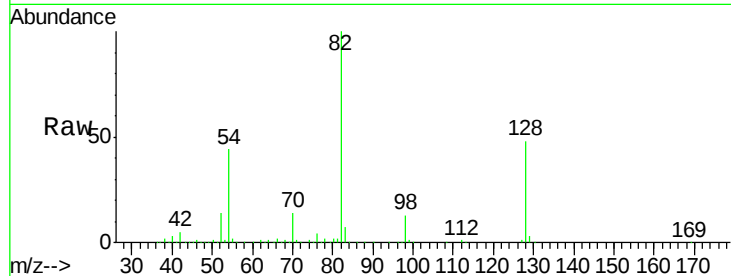
Tgt Ion: 82 Resp: 820336

Ion Ratio Lower Upper

82 100

128 47.9 34.5 51.7

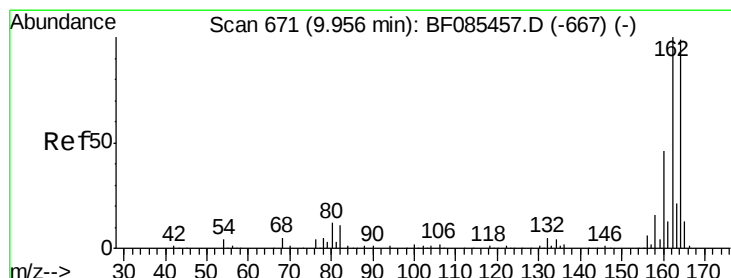
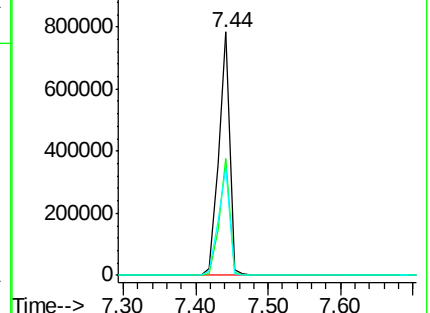
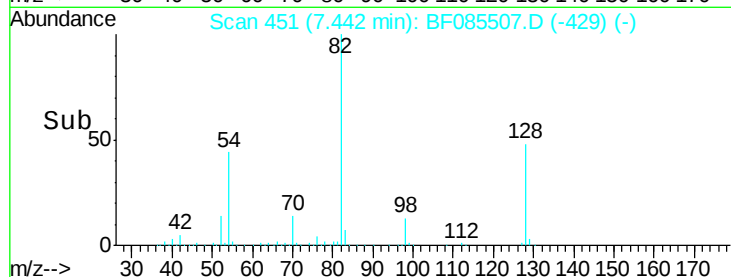
54 44.1 39.3 58.9



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): BF0

Ion 54.00 (53.70 to 54.70): BF0



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.91 min Scan# 667

Delta R.T. -0.05 min

Lab File: BF085507.D

Acq: 17 Mar 2016 22:44

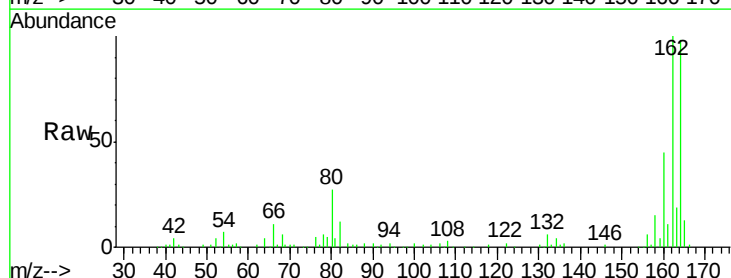
Tgt Ion: 164 Resp: 128816

Ion Ratio Lower Upper

164 100

162 101.8 83.3 124.9

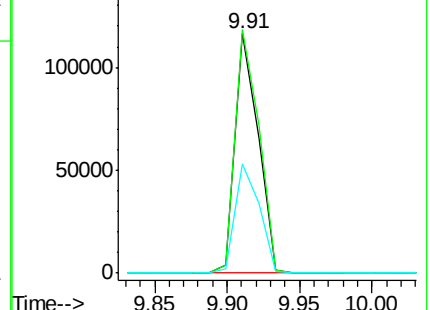
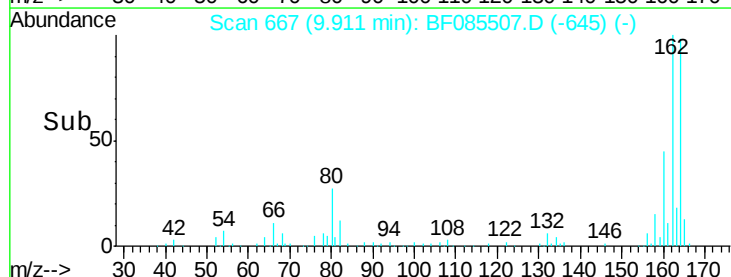
160 45.8 37.9 56.9

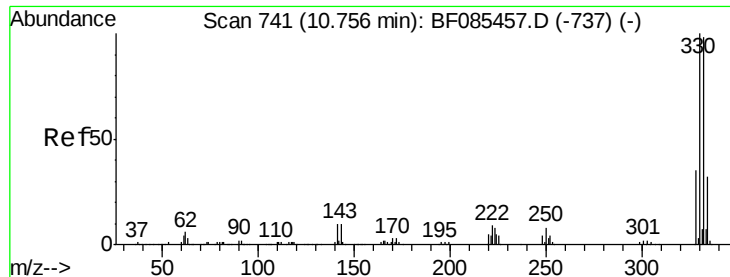


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

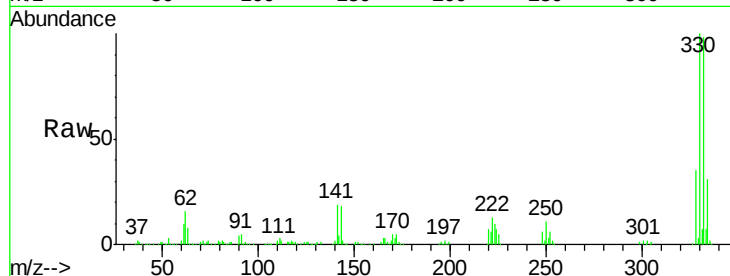




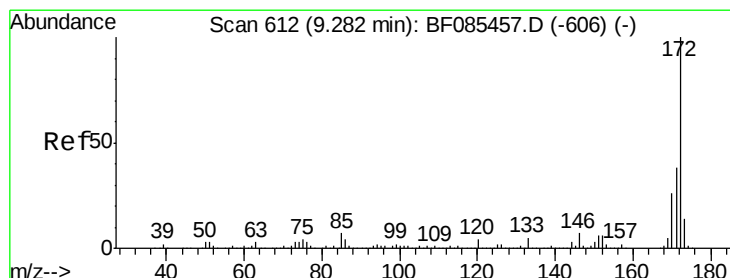
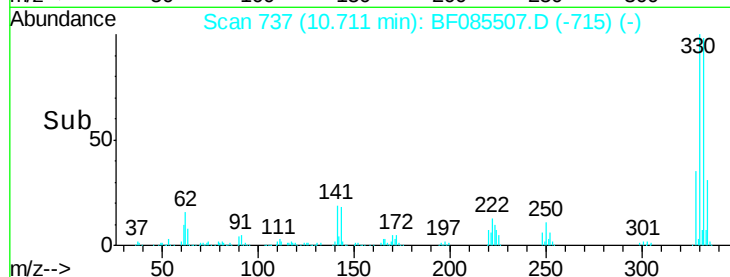
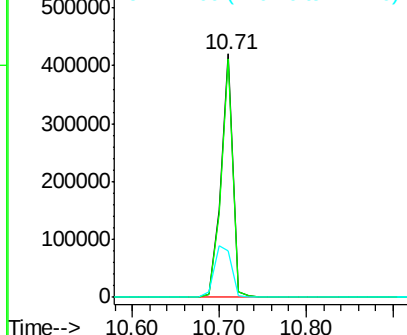
#41
 2,4,6-Tribromophenol
 Concen: 344.55 ng
 RT: 10.71 min Scan# 737
 Delta R.T. -0.05 min
 Lab File: BF085507.D
 Acq: 17 Mar 2016 22:44

Instrument :
 BNA_F
 ClientSampleId :
 GRID-8B-(10-20)RE

Tgt Ion:330 Resp: 408800
 Ion Ratio Lower Upper
 330 100
 332 97.2 77.1 115.7
 141 31.3 35.0 52.6#

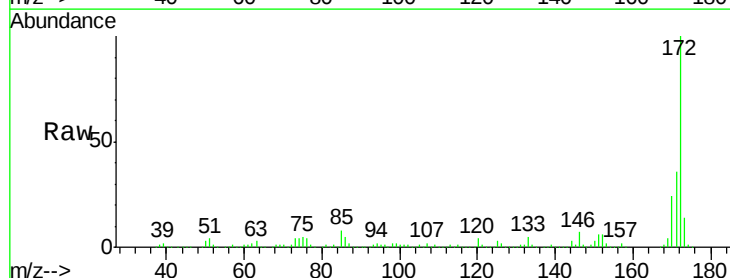


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

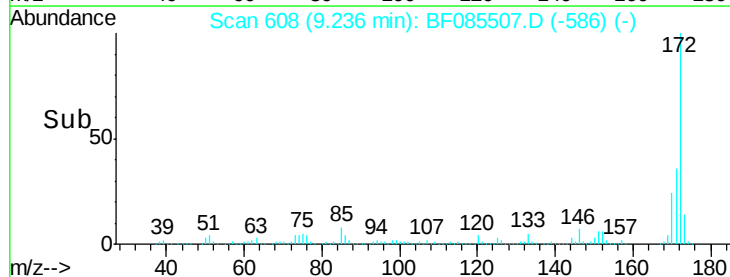
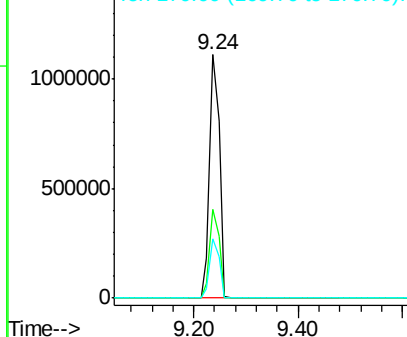


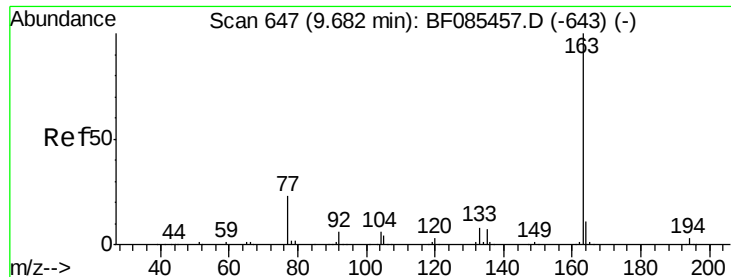
#44
 2-Fluorobiphenyl
 Concen: 197.34 ng
 RT: 9.24 min Scan# 608
 Delta R.T. -0.05 min
 Lab File: BF085507.D
 Acq: 17 Mar 2016 22:44

Tgt Ion:172 Resp: 1465324
 Ion Ratio Lower Upper
 172 100
 171 36.3 29.3 43.9
 170 24.4 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





#49

Dimethylphthalate

Concen: 41.01 ng

RT: 9.64 min Scan# 643

Delta R.T. -0.05 min

Lab File: BF085507.D

Acq: 17 Mar 2016 22:44

Instrument :

BNA_F

ClientSampleId :

GRID-8B-(10-20)RE

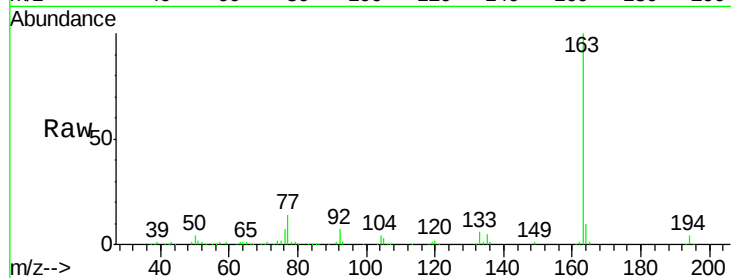
Tgt Ion:163 Resp: 385430

Ion Ratio Lower Upper

163 100

194 3.9 3.1 4.7

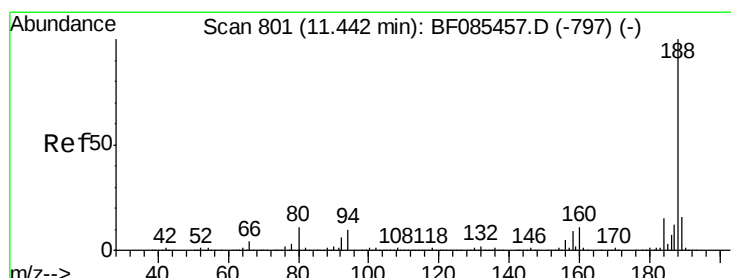
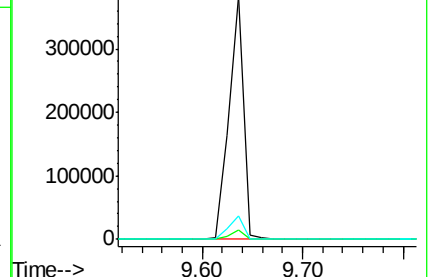
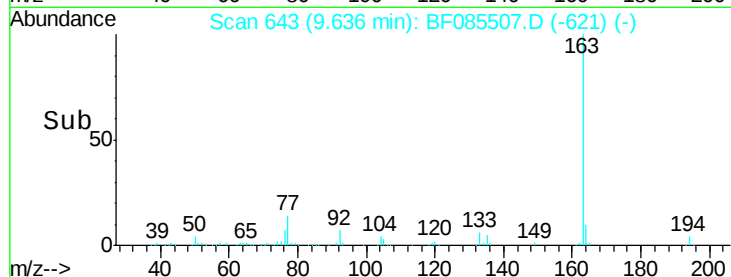
164 9.8 8.2 12.4



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.40 min Scan# 797

Delta R.T. -0.05 min

Lab File: BF085507.D

Acq: 17 Mar 2016 22:44

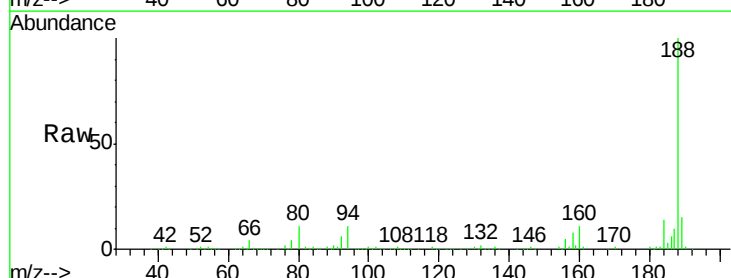
Tgt Ion:188 Resp: 256652

Ion Ratio Lower Upper

188 100

94 10.6 7.0 10.6#

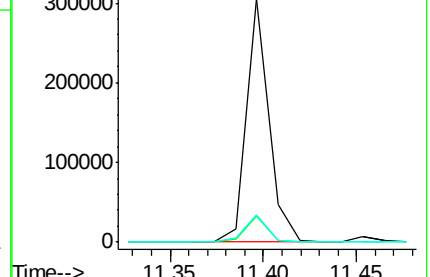
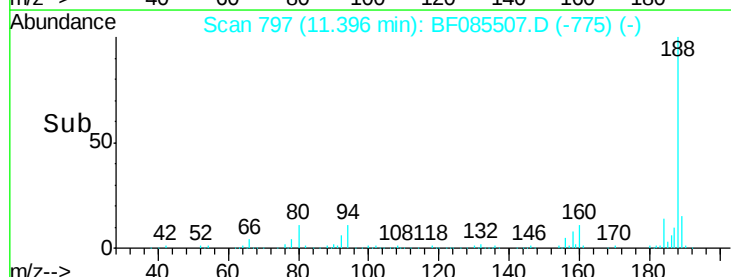
80 11.0 7.4 11.0

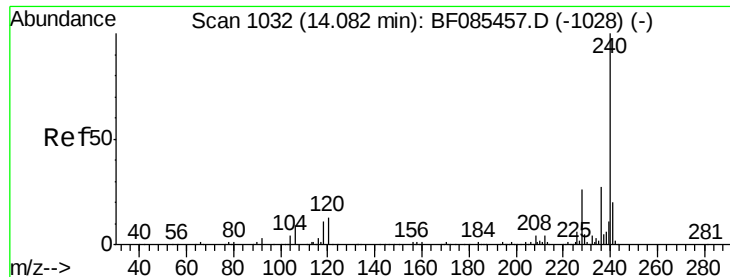


Abundance Ion 188.00 (187.70 to 188.70): E

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: 14.04 min Scan# 1028

Delta R.T. -0.05 min

Lab File: BF085507.D

Acq: 17 Mar 2016 22:44

Instrument :

BNA_F

ClientSampleId :

GRID-8B-(10-20)RE

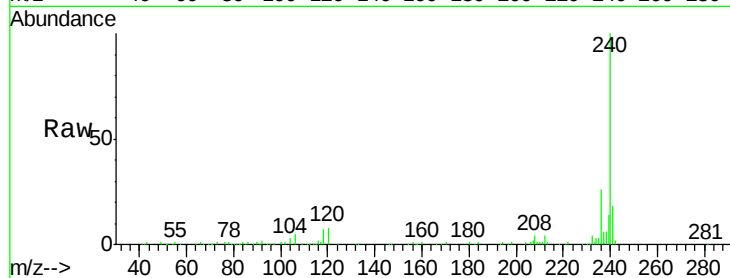
Tgt Ion:240 Resp: 159964

Ion Ratio Lower Upper

240 100

120 7.9 5.3 7.9#

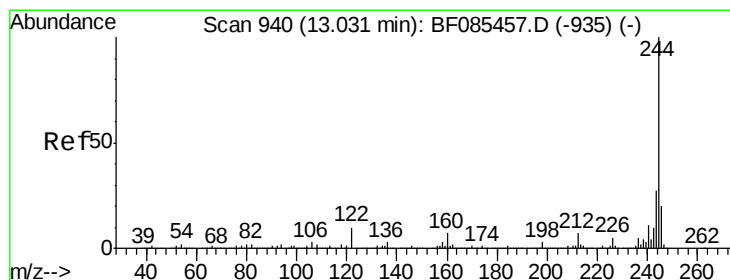
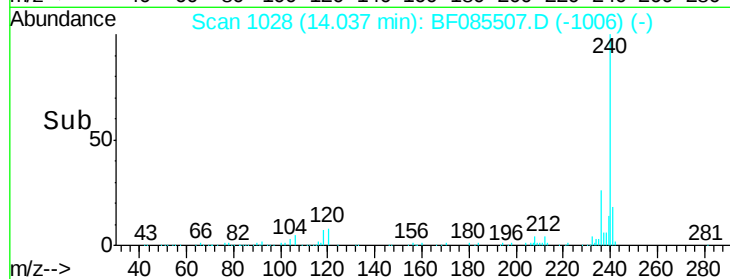
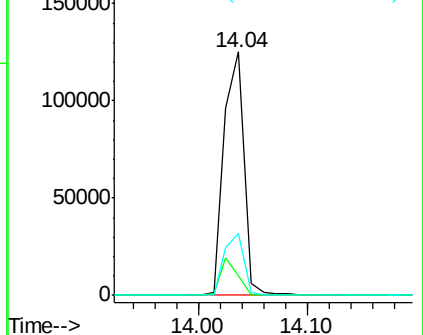
236 25.7 20.7 31.1



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: 196.04 ng

RT: 12.99 min Scan# 936

Delta R.T. -0.05 min

Lab File: BF085507.D

Acq: 17 Mar 2016 22:44

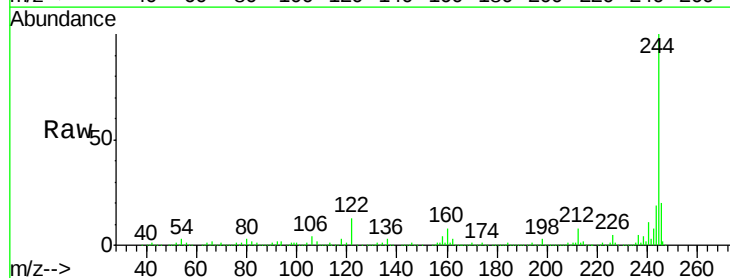
Tgt Ion:244 Resp: 1386226

Ion Ratio Lower Upper

244 100

212 7.6 6.4 9.6

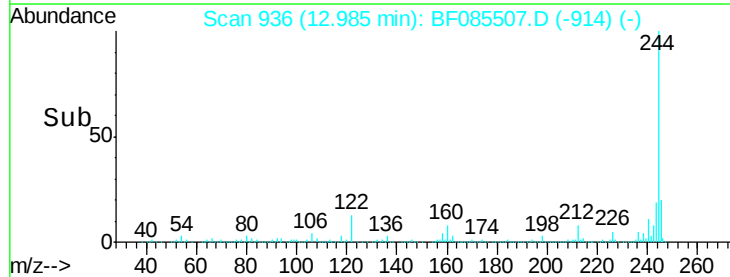
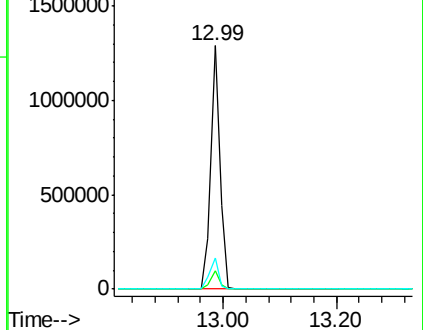
122 12.6 11.4 17.2

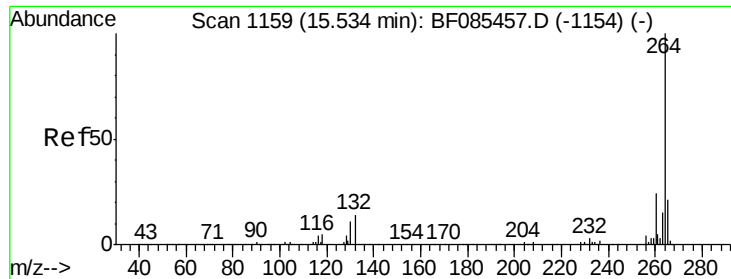


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

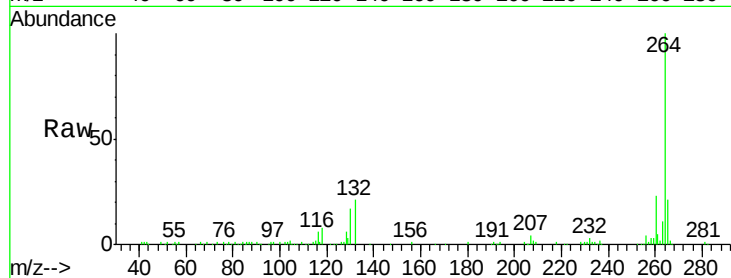




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.47 min Scan# 1153
Delta R.T. -0.07 min
Lab File: BF085507.D
Acq: 17 Mar 2016 22:44

Instrument :
BNA_F
ClientSampleId :
GRID-8B-(10-20)RE

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.9	19.2	28.8
265	20.7	17.3	25.9



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

