

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031716\
 Data File : BF085525.D
 Acq On : 18 Mar 2016 8:04
 Operator : UM/SJ
 Sample : H1776-10
 Misc :
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 W170TH-SB-05(0.5-3.0)

Quant Time: Mar 18 11:08:29 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

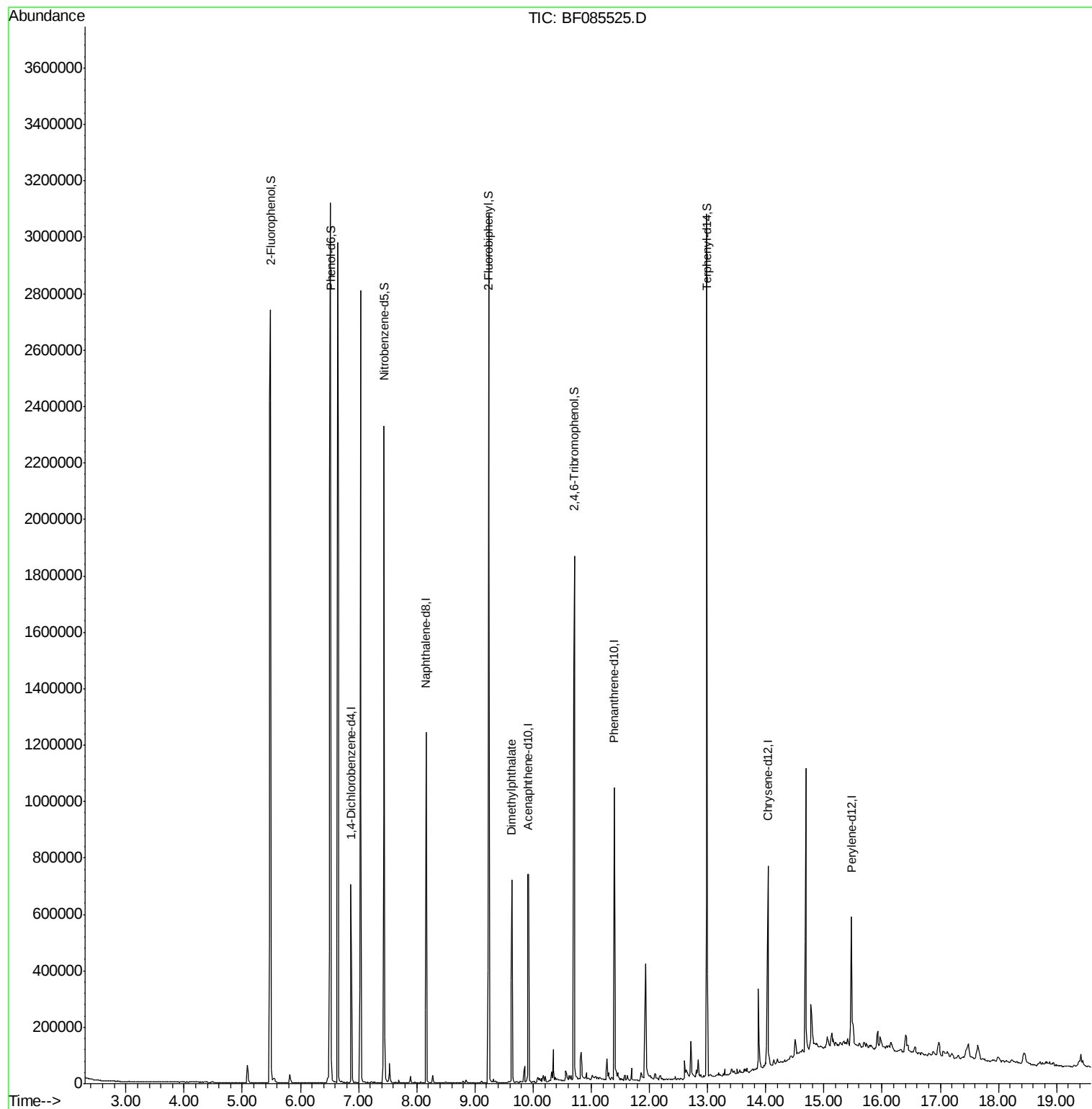
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	131351	20.00	ng	-0.05
21) Naphthalene-d8	8.16	136	540702	20.00	ng	-0.05
38) Acenaphthene-d10	9.92	164	217534	20.00	ng	-0.03
63) Phenanthrene-d10	11.40	188	370226	20.00	ng	-0.05
75) Chrysene-d12	14.04	240	272626	20.00	ng	-0.05
86) Perylene-d12	15.48	264	256553	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	1227733	160.67	ng	-0.02
7) Phenol-d6	6.52	99	1509262	152.27	ng	-0.03
23) Nitrobenzene-d5	7.44	82	866364	94.74	ng	-0.05
41) 2,4,6-Tribromophenol	10.71	330	341113	170.25	ng	-0.05
44) 2-Fluorobiphenyl	9.24	172	1311232	104.57	ng	-0.05
78) Terphenyl-d14	12.99	244	917403	76.12	ng	-0.05
Target Compounds						
49) Dimethylphthalate	9.64	163	351560	22.15	ng	Qvalue 99

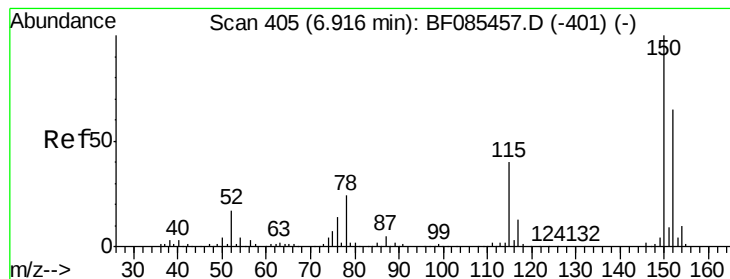
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF085525.D

Acq: 18 Mar 2016 8:04

Instrument :

BNA_F

ClientSampleId :

W170TH-SB-05(0.5-3.0)

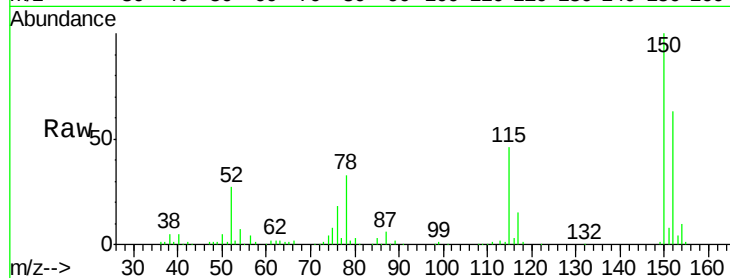
Tgt Ion:152 Resp: 131351

Ion Ratio Lower Upper

152 100

150 158.4 124.6 186.8

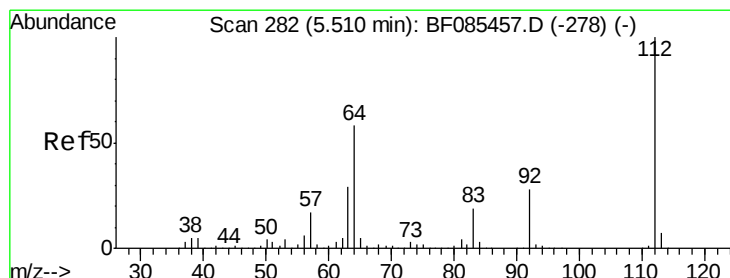
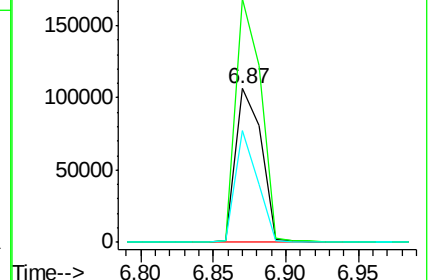
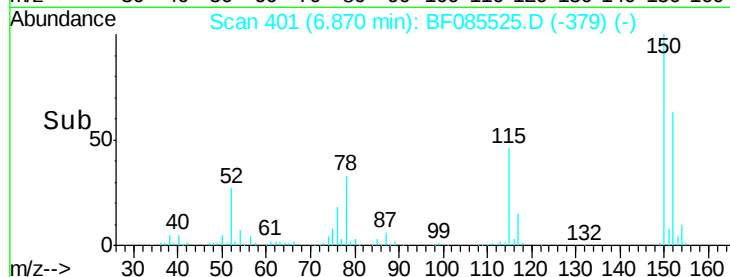
115 72.8 46.6 70.0#



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: 160.67 ng

RT: 5.49 min Scan# 280

Delta R.T. -0.02 min

Lab File: BF085525.D

Acq: 18 Mar 2016 8:04

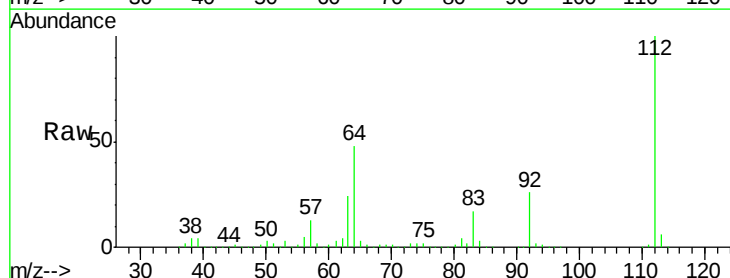
Tgt Ion:112 Resp: 1227733

Ion Ratio Lower Upper

112 100

64 47.9 49.0 73.4#

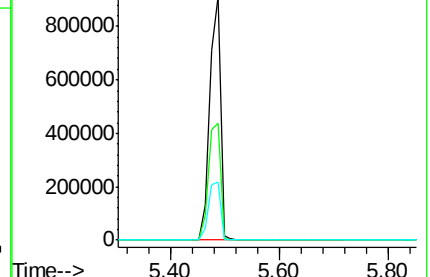
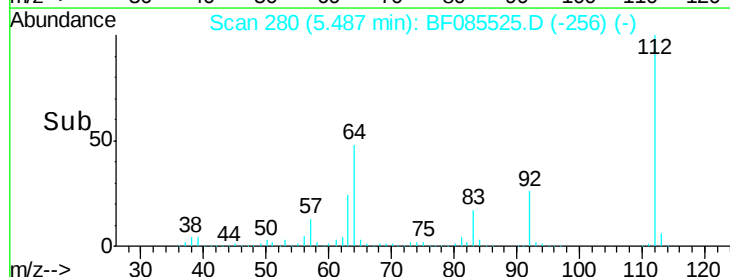
63 23.8 24.8 37.2#

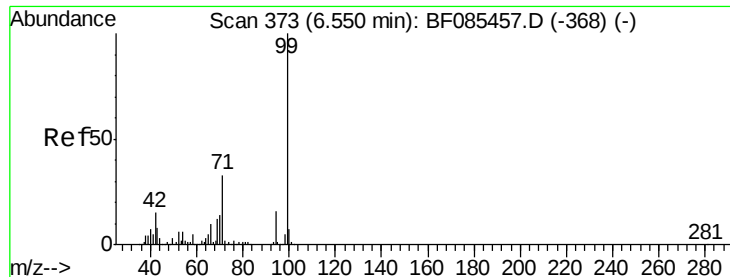


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 152.27 ng

RT: 6.52 min Scan# 370

Delta R.T. -0.03 min

Lab File: BF085525.D

Acq: 18 Mar 2016 8:04

Instrument :

BNA_F

ClientSampleId :

W170TH-SB-05(0.5-3.0)

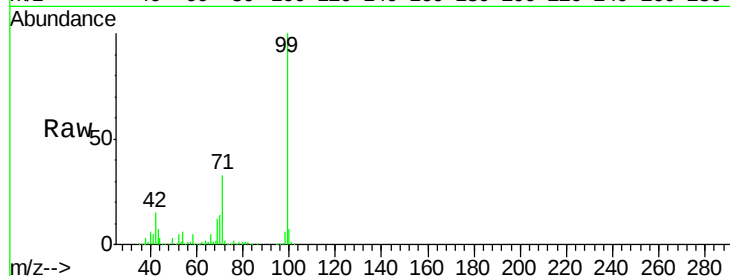
Tgt Ion: 99 Resp: 1509262

Ion Ratio Lower Upper

99 100

42 14.7 13.6 20.4

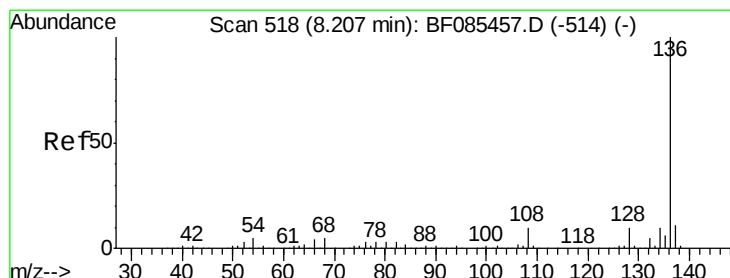
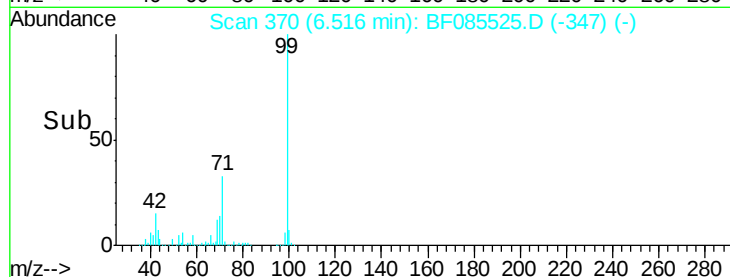
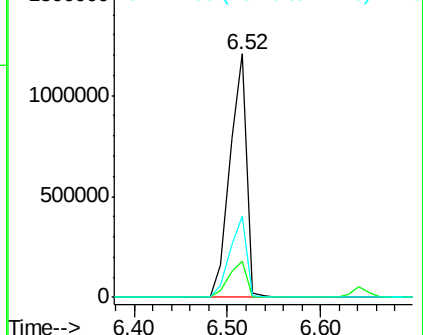
71 33.1 26.7 40.1



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: BF085525.D

Acq: 18 Mar 2016 8:04

Tgt Ion: 136 Resp: 540702

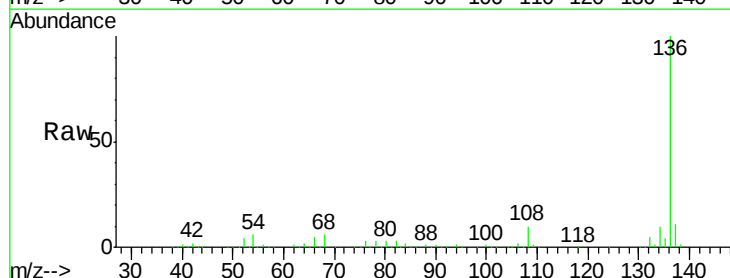
Ion Ratio Lower Upper

136 100

137 11.3 9.3 13.9

54 6.4 7.4 11.2#

68 5.7 6.0 9.0#

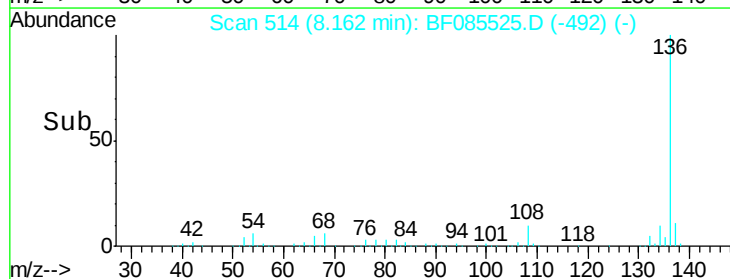
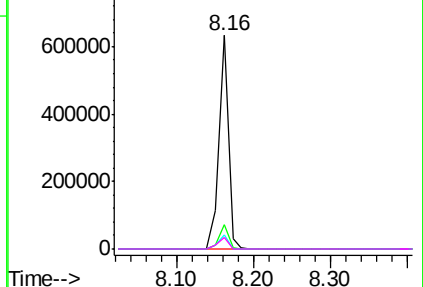


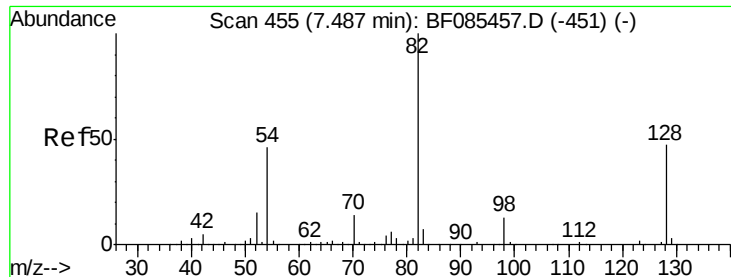
Abundance Ion 136.00 (135.70 to 136.70): E

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: 94.74 ng

RT: 7.44 min Scan# 451

Delta R.T. -0.05 min

Lab File: BF085525.D

Acq: 18 Mar 2016 8:04

Instrument :

BNA_F

ClientSampleId :

W170TH-SB-05(0.5-3.0)

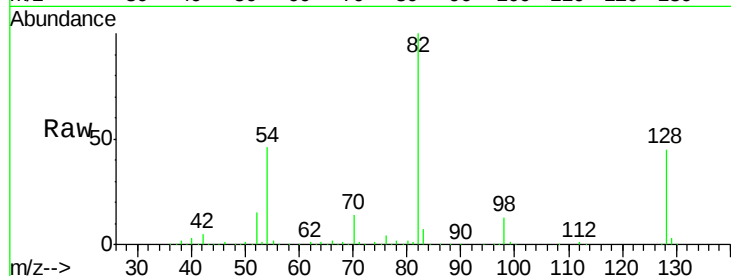
Tgt Ion: 82 Resp: 866364

Ion Ratio Lower Upper

82 100

128 45.0 34.5 51.7

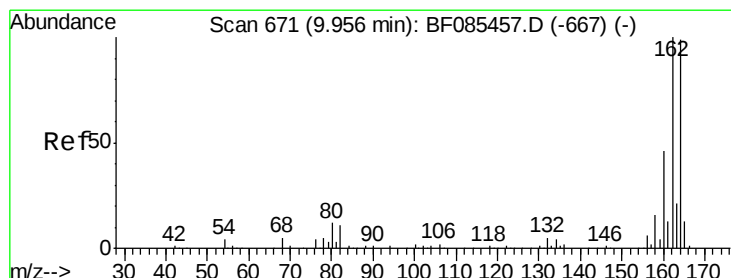
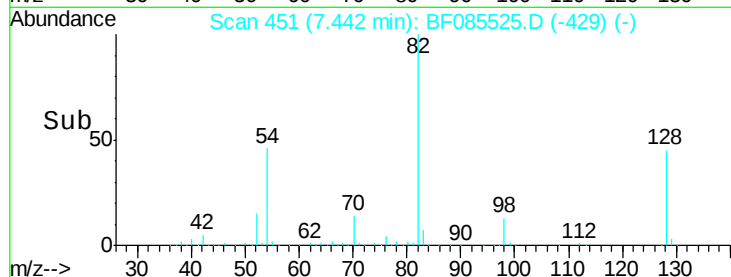
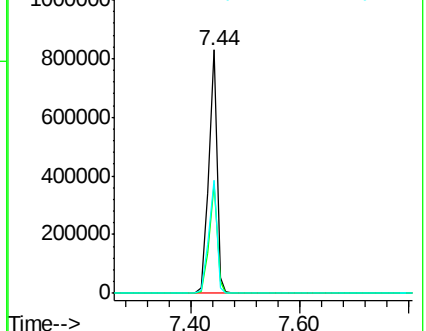
54 46.2 39.3 58.9



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: 9.92 min Scan# 668

Delta R.T. -0.03 min

Lab File: BF085525.D

Acq: 18 Mar 2016 8:04

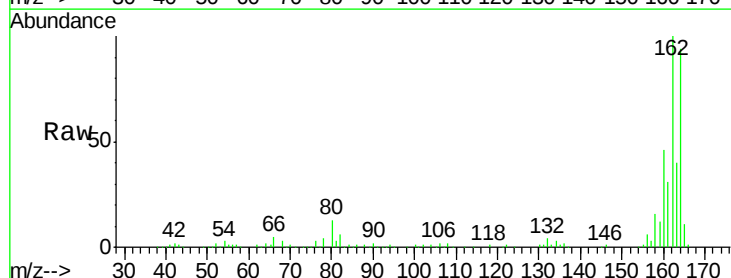
Tgt Ion: 164 Resp: 217534

Ion Ratio Lower Upper

164 100

162 106.4 83.3 124.9

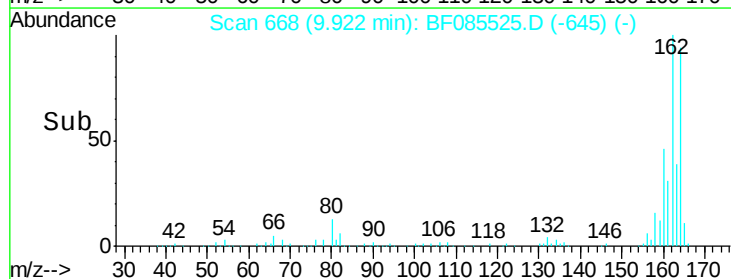
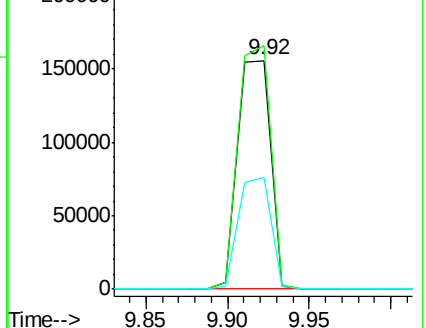
160 49.1 37.9 56.9

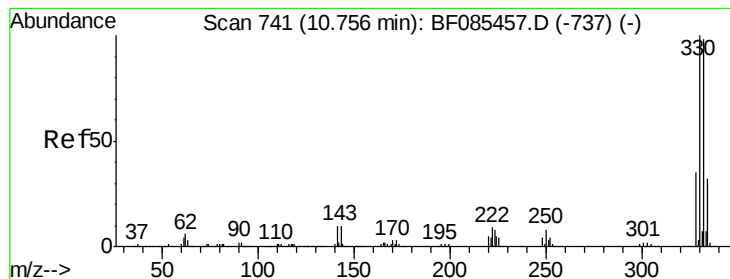


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

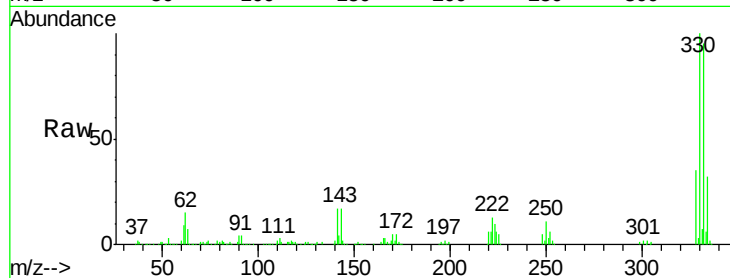




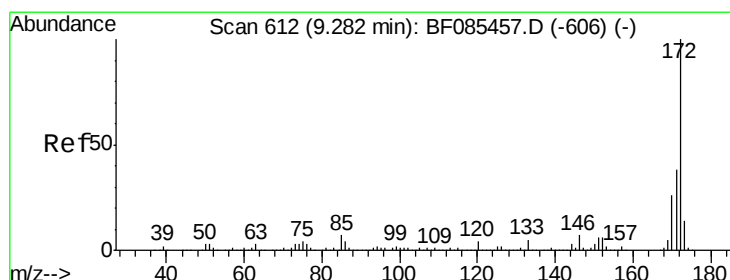
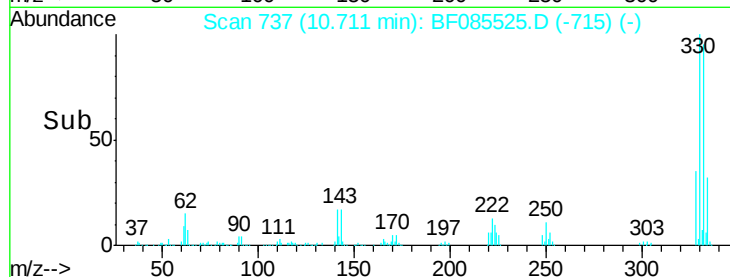
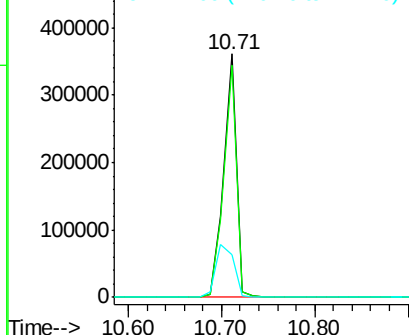
#41
 2,4,6-Tribromophenol
 Concen: 170.25 ng
 RT: 10.71 min Scan# 737
 Delta R.T. -0.05 min
 Lab File: BF085525.D
 Acq: 18 Mar 2016 8:04

Instrument :
 BNA_F
 ClientSampleId :
 W170TH-SB-05(0.5-3.0)

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.7	77.1	115.7
141	31.0	35.0	52.6#

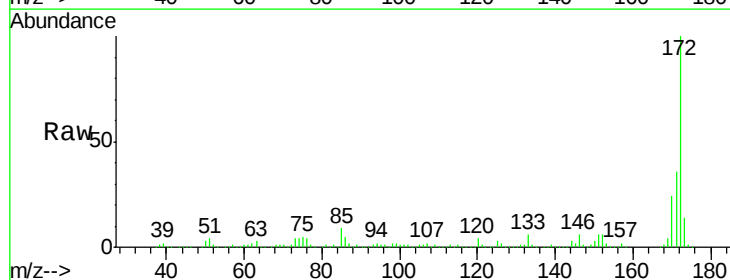


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

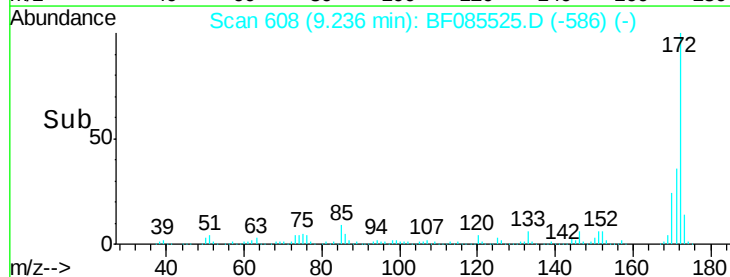
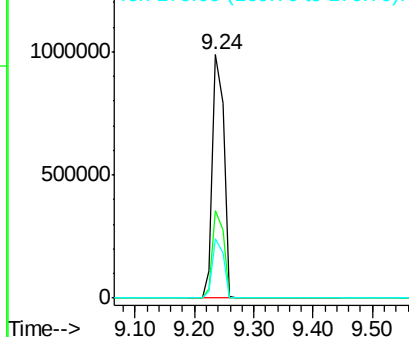


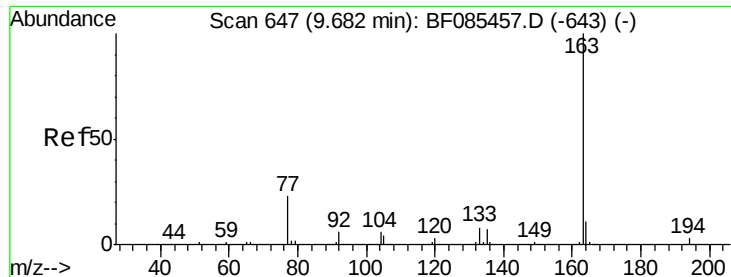
#44
 2-Fluorobiphenyl
 Concen: 104.57 ng
 RT: 9.24 min Scan# 608
 Delta R.T. -0.05 min
 Lab File: BF085525.D
 Acq: 18 Mar 2016 8:04

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.1	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: 22.15 ng

RT: 9.64 min Scan# 643

Delta R.T. -0.05 min

Lab File: BF085525.D

Acq: 18 Mar 2016 8:04

Instrument :

BNA_F

ClientSampleId :

W170TH-SB-05(0.5-3.0)

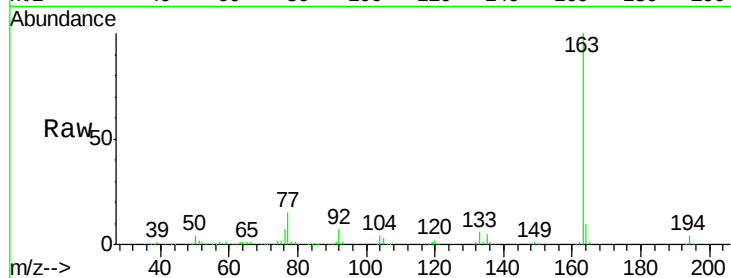
Tgt Ion:163 Resp: 351560

Ion Ratio Lower Upper

163 100

194 3.8 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

9.64

400000

300000

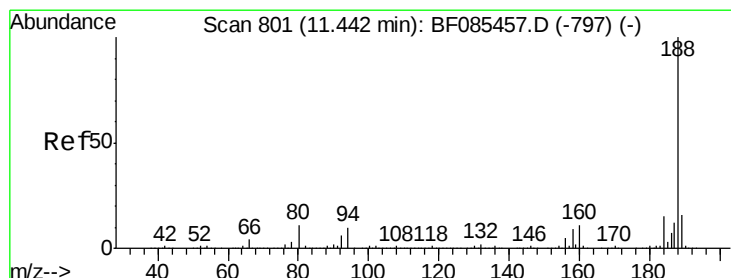
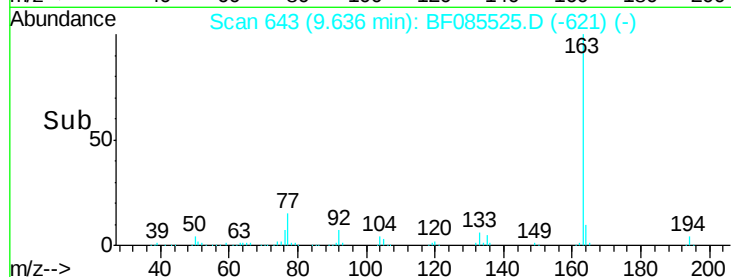
200000

100000

0

9.60 9.70

Time-->



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.40 min Scan# 797

Delta R.T. -0.05 min

Lab File: BF085525.D

Acq: 18 Mar 2016 8:04

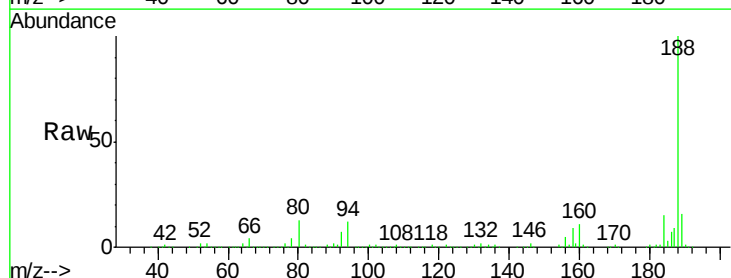
Tgt Ion:188 Resp: 370226

Ion Ratio Lower Upper

188 100

94 11.9 7.0 10.6#

80 12.7 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

11.40

400000

300000

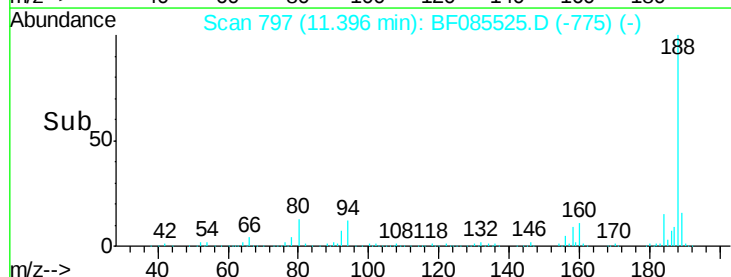
200000

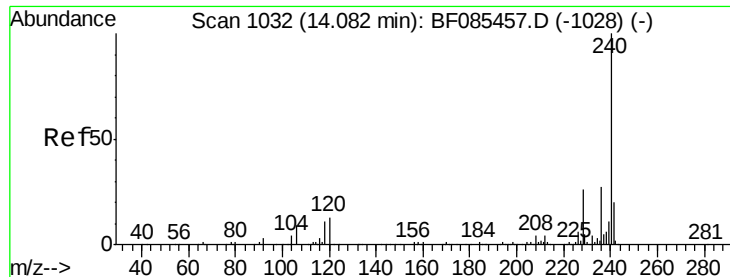
100000

0

11.35 11.40 11.45

Time-->





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.04 min Scan# 1028

Delta R.T. -0.05 min

Lab File: BF085525.D

Acq: 18 Mar 2016 8:04

Instrument :

BNA_F

ClientSampleId :

W170TH-SB-05(0.5-3.0)

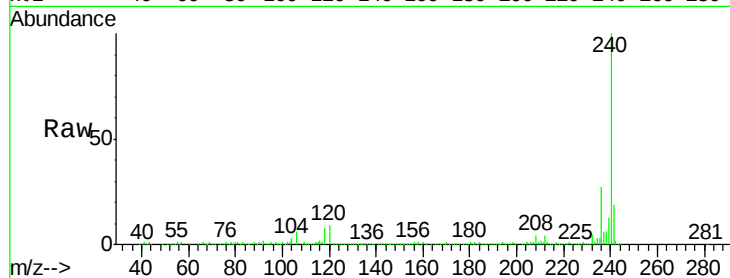
Tgt Ion:240 Resp: 272626

Ion Ratio Lower Upper

240 100

120 9.4 5.3 7.9#

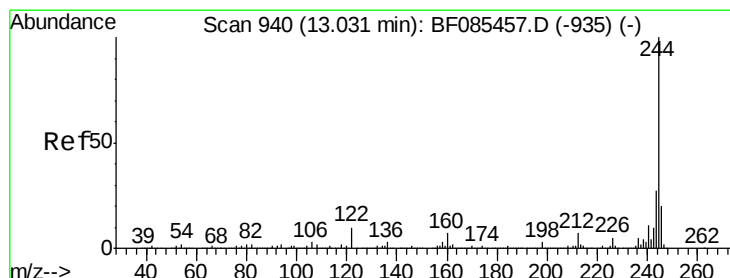
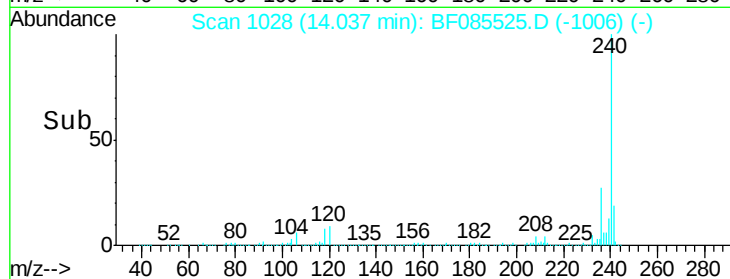
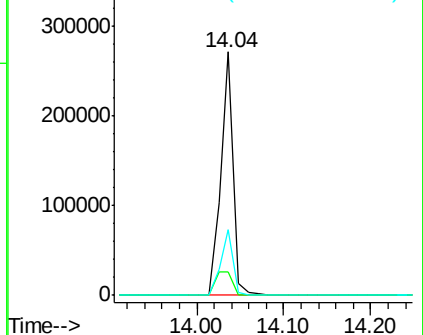
236 27.0 20.7 31.1



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: 76.12 ng

RT: 12.99 min Scan# 936

Delta R.T. -0.05 min

Lab File: BF085525.D

Acq: 18 Mar 2016 8:04

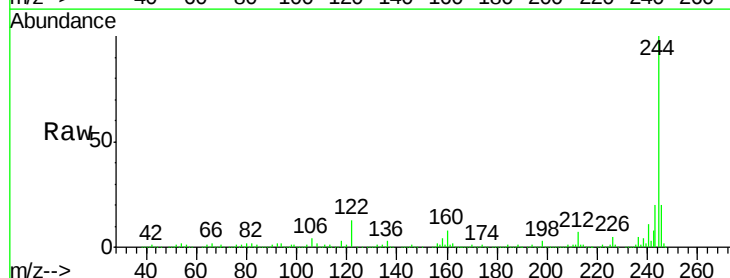
Tgt Ion:244 Resp: 917403

Ion Ratio Lower Upper

244 100

212 7.4 6.4 9.6

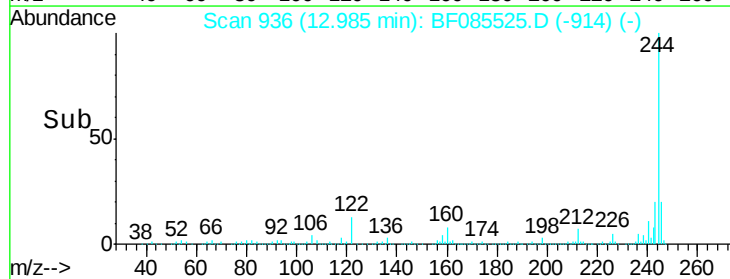
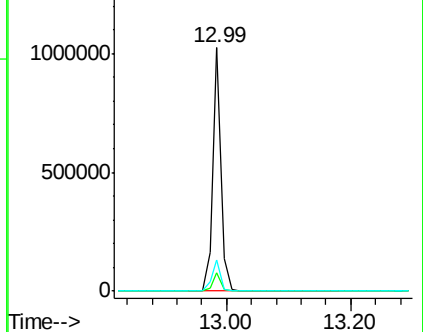
122 12.9 11.4 17.2

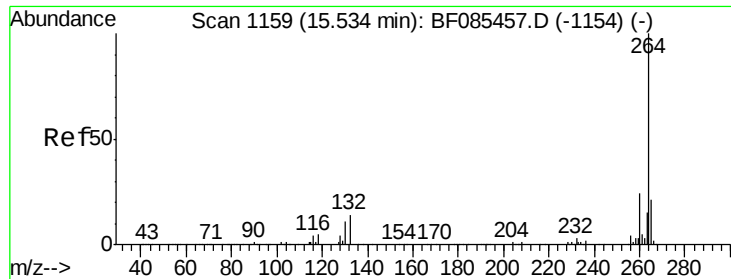


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

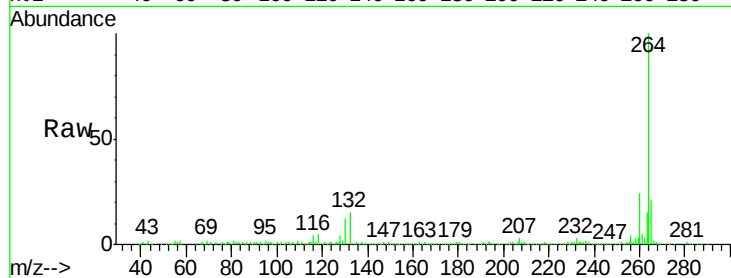




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.48 min Scan# 1154
Delta R.T. -0.06 min
Lab File: BF085525.D
Acq: 18 Mar 2016 8:04

Instrument :
BNA_F
ClientSampleId :
W170TH-SB-05(0.5-3.0)

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.2	28.8
265	21.1	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

