

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031616\
 Data File : BF085477.D
 Acq On : 16 Mar 2016 22:30
 Operator : UM/SJ
 Sample : H1788-04
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-4(7-8)

Quant Time: Mar 17 00:21:15 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

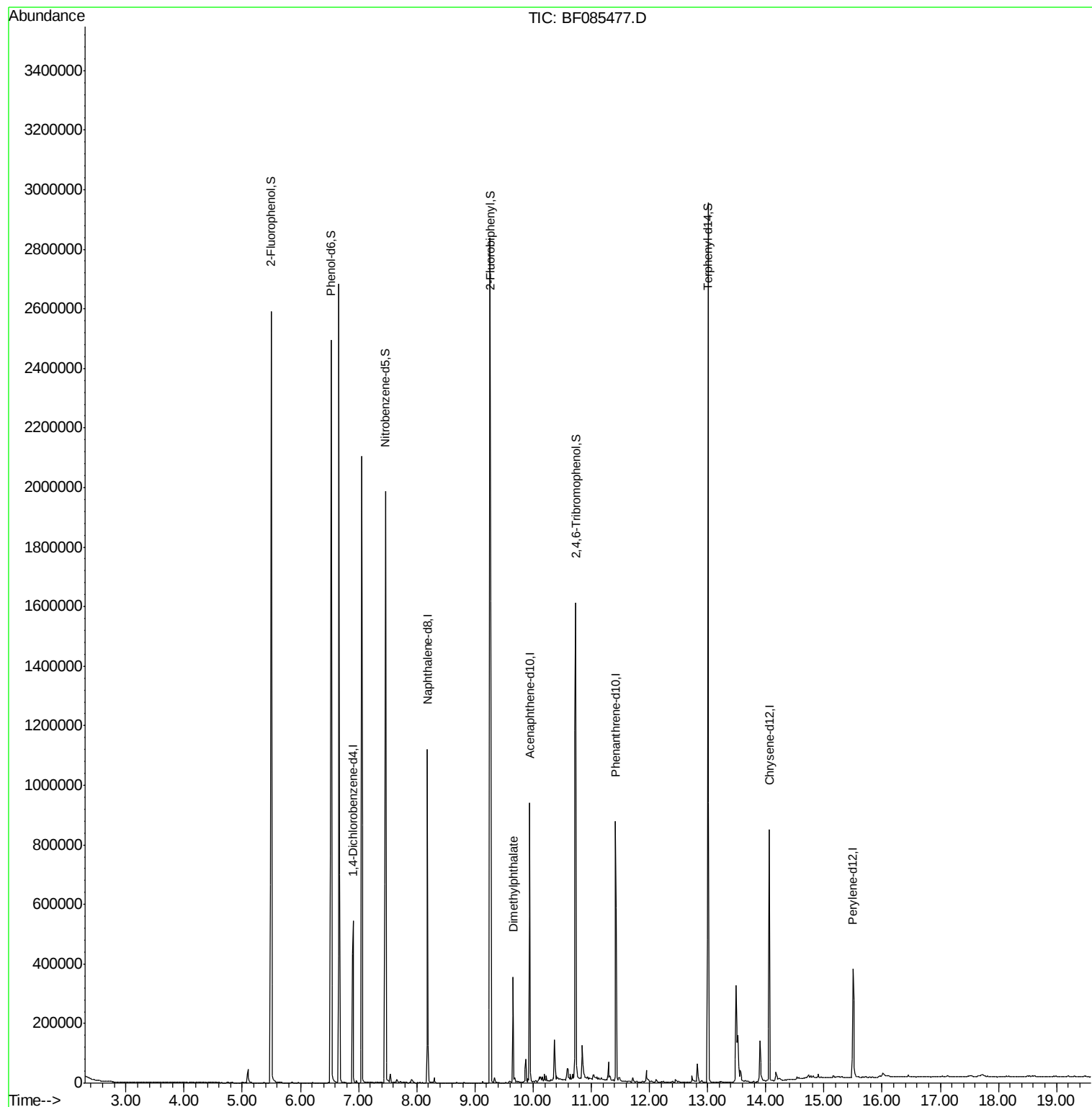
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	116818	20.00	ng	-0.01
21) Naphthalene-d8	8.18	136	474468	20.00	ng	-0.02
38) Acenaphthene-d10	9.94	164	225305	20.00	ng	-0.01
63) Phenanthrene-d10	11.42	188	401652	20.00	ng	-0.02
75) Chrysene-d12	14.06	240	274395	20.00	ng	-0.02
86) Perylene-d12	15.50	264	181739	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	757447	111.46	ng	-0.01
7) Phenol-d6	6.53	99	958032	108.68	ng	-0.02
23) Nitrobenzene-d5	7.46	82	674206	84.02	ng	-0.02
41) 2,4,6-Tribromophenol	10.73	330	263323	126.89	ng	-0.02
44) 2-Fluorobiphenyl	9.26	172	1119872	86.23	ng	-0.02
78) Terphenyl-d14	13.01	244	990603	81.67	ng	-0.02
Target Compounds						Qvalue
49) Dimethylphthalate	9.66	163	183492	11.16	ng	98

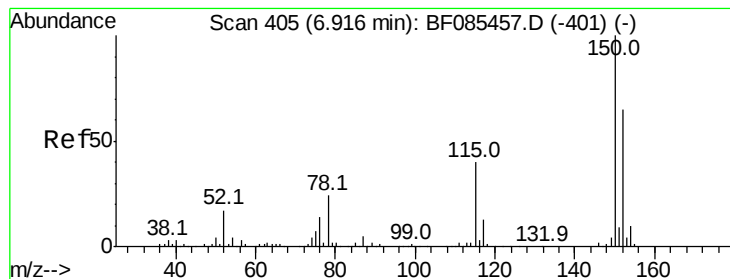
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.90 min Scan# 404

Delta R.T. -0.01 min

Lab File: BF085477.D

Acq: 16 Mar 2016 22:30

Instrument :

BNA_F

ClientSampleId :

SB-4(7-8)

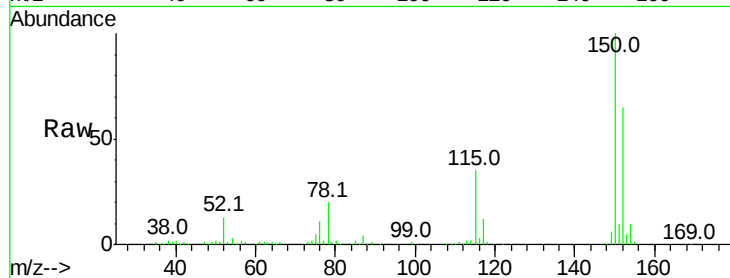
Tot Ion:152 Resp: 116818

Ion Ratio Lower Upper

152 100

150 153.8 124.6 186.8

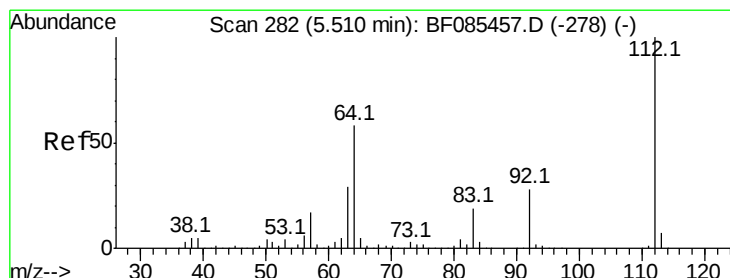
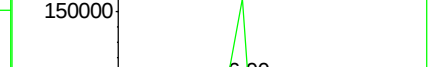
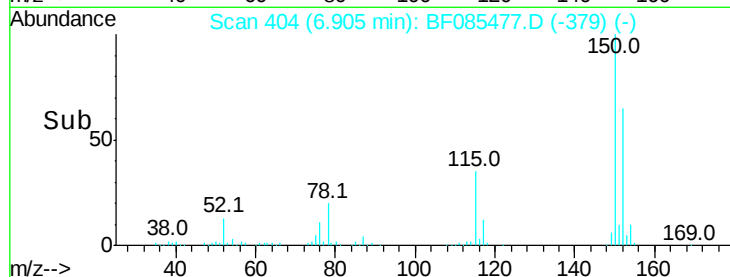
115 53.4 46.6 70.0



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: 111.46 ng

RT: 5.50 min Scan# 281

Delta R.T. -0.01 min

Lab File: BF085477.D

Acq: 16 Mar 2016 22:30

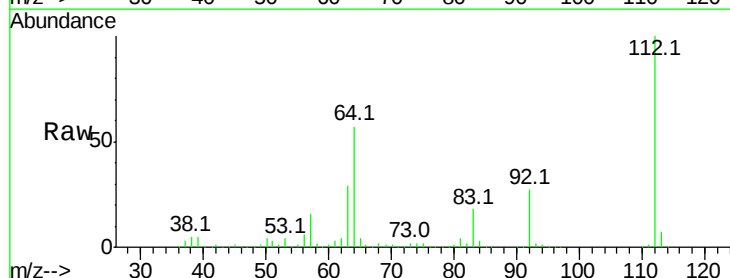
Tgt Ion:112 Resp: 757447

Ion Ratio Lower Upper

112 100

64 56.6 49.0 73.4

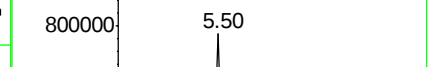
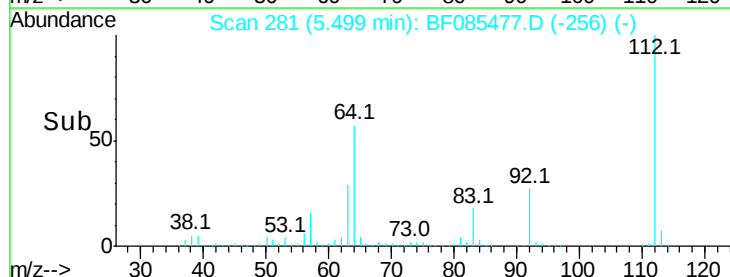
63 28.5 24.8 37.2

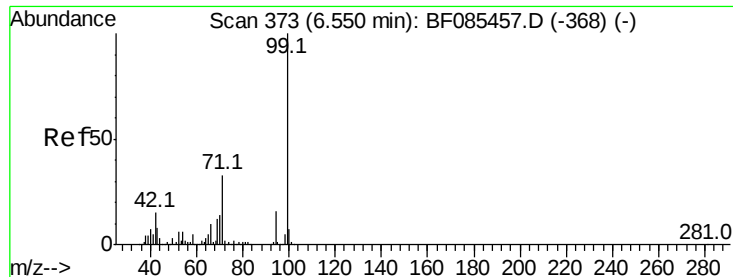


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 108.68 ng

RT: 6.53 min Scan# 371

Delta R.T. -0.02 min

Lab File: BF085477.D

Acq: 16 Mar 2016 22:30

Instrument :

BNA_F

ClientSampleId :

SB-4(7-8)

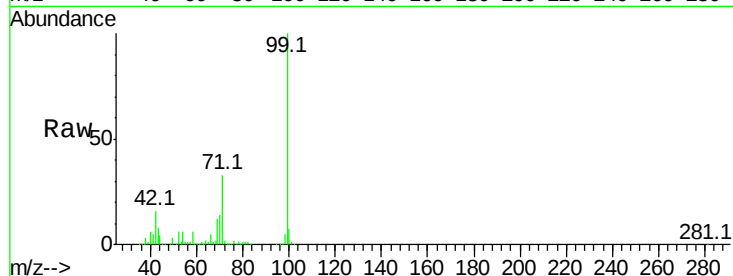
Tot Ion: 99 Resp: 958032

Ion Ratio Lower Upper

99 100

42 15.7 13.6 20.4

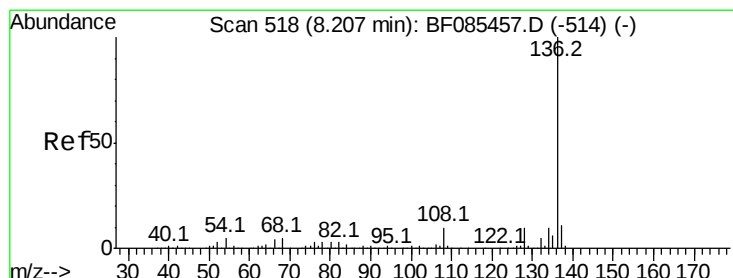
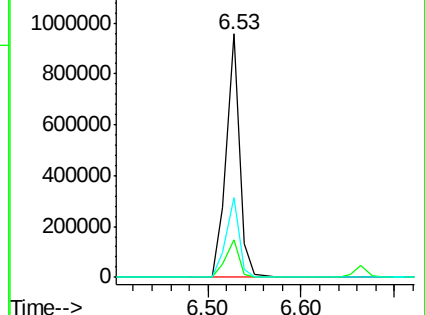
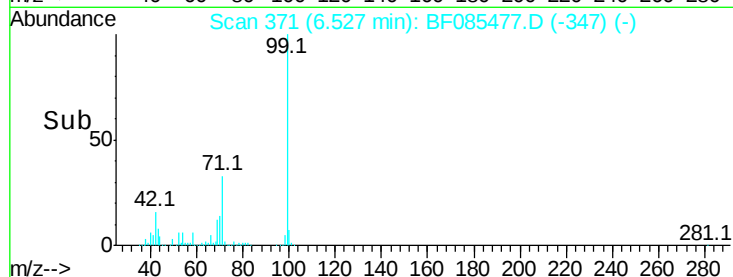
71 32.7 26.7 40.1



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: 8.18 min Scan# 516

Delta R.T. -0.02 min

Lab File: BF085477.D

Acq: 16 Mar 2016 22:30

Tgt Ion: 136 Resp: 474468

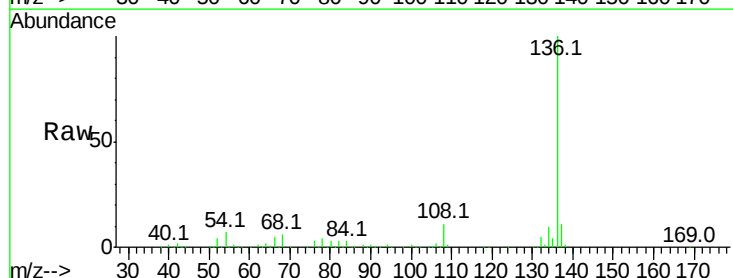
Ion Ratio Lower Upper

136 100

137 11.4 9.3 13.9

54 7.1 7.4 11.2#

68 6.0 6.0 9.0#

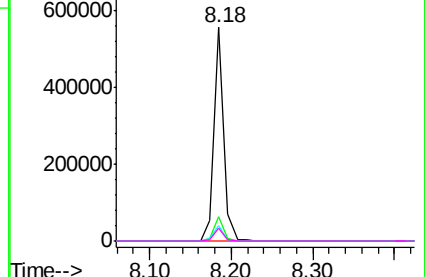
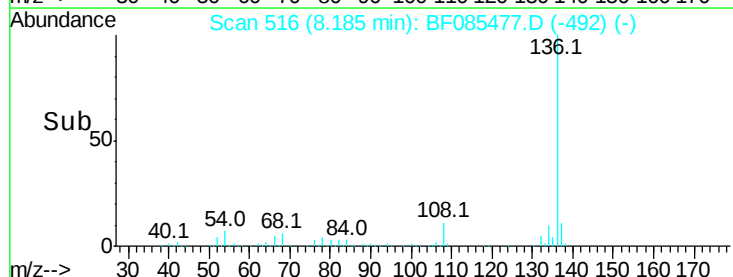


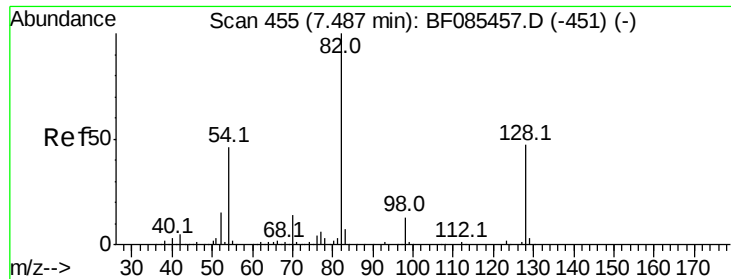
Abundance Ion 136.00 (135.70 to 136.70): E

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

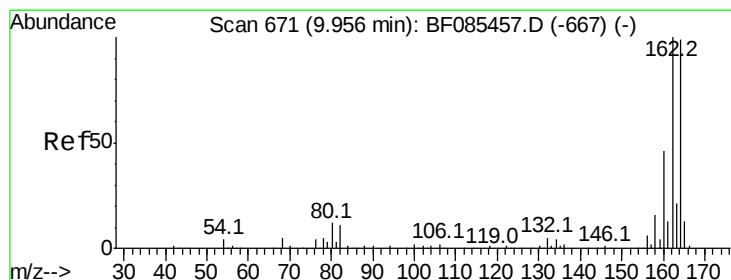
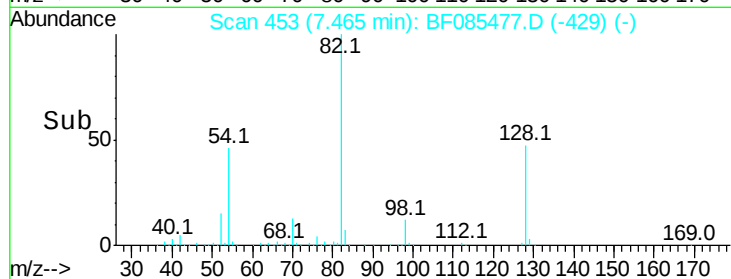
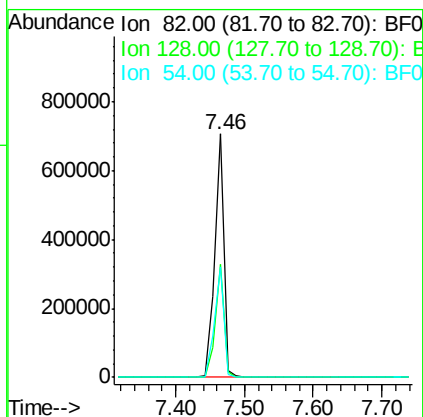
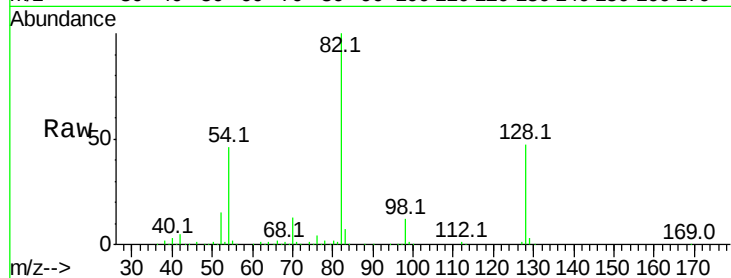




#23
 Nitrobenzene-d5
 Concen: 84.02 ng
 RT: 7.46 min Scan# 453
 Delta R.T. -0.02 min
 Lab File: BF085477.D
 Acq: 16 Mar 2016 22:30

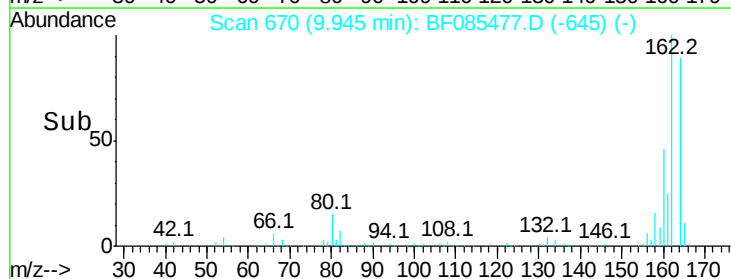
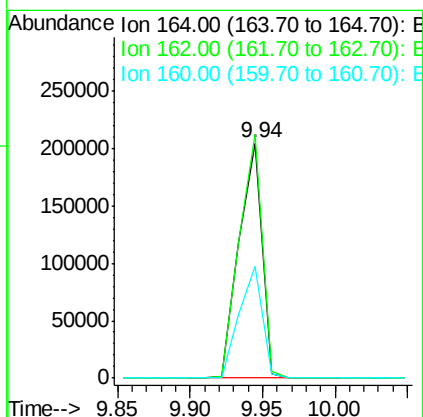
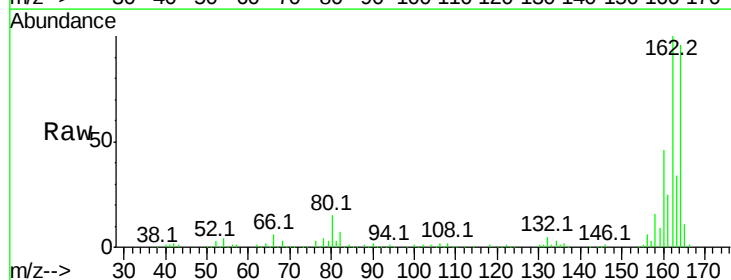
Instrument :
 BNA_F
 ClientSampleId :
 SB-4(7-8)

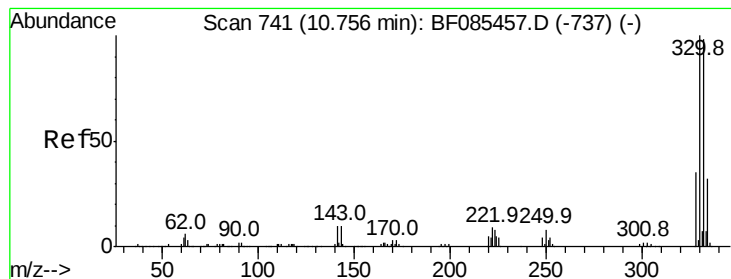
Tot Ion: 82 Resp: 674206
 Ion Ratio Lower Upper
 82 100
 128 46.7 34.5 51.7
 54 45.5 39.3 58.9



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.94 min Scan# 670
 Delta R.T. -0.01 min
 Lab File: BF085477.D
 Acq: 16 Mar 2016 22:30

Tgt Ion: 164 Resp: 225305
 Ion Ratio Lower Upper
 164 100
 162 103.7 83.3 124.9
 160 47.7 37.9 56.9





#41

2,4,6-Tribromophenol

Concen: 126.89 ng

RT: 10.73 min Scan# 739

Delta R.T. -0.02 min

Lab File: BF085477.D

Acq: 16 Mar 2016 22:30

Instrument :

BNA_F

ClientSampleId :

SB-4(7-8)

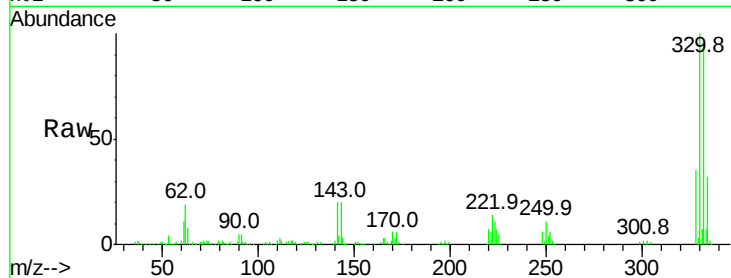
Tot Ion:330 Resp: 263323

Ion Ratio Lower Upper

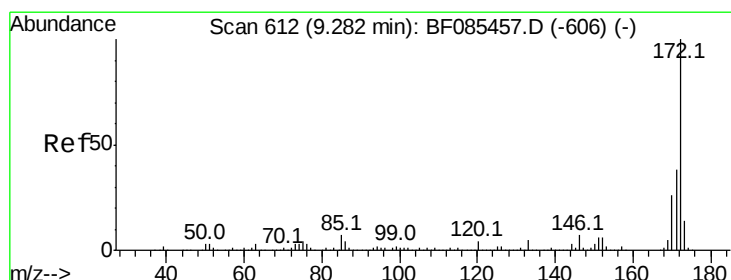
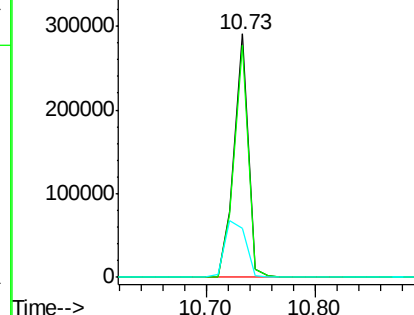
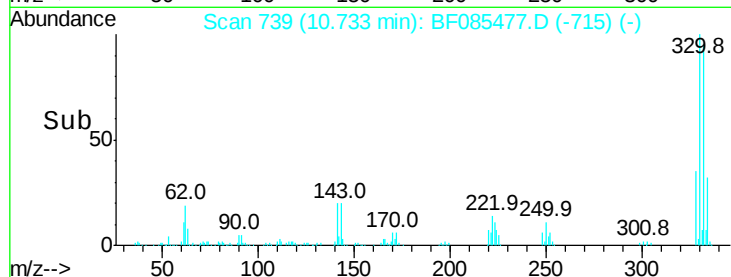
330 100

332 95.5 77.1 115.7

141 34.9 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: 86.23 ng

RT: 9.26 min Scan# 610

Delta R.T. -0.02 min

Lab File: BF085477.D

Acq: 16 Mar 2016 22:30

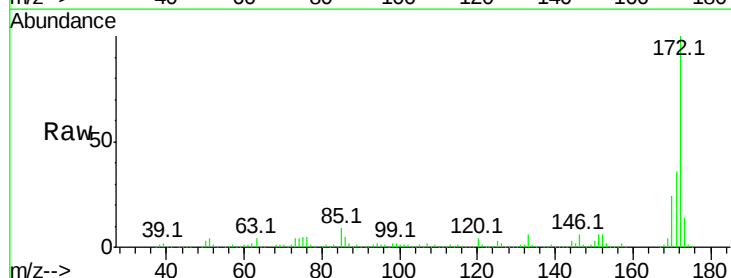
Tgt Ion:172 Resp: 1119872

Ion Ratio Lower Upper

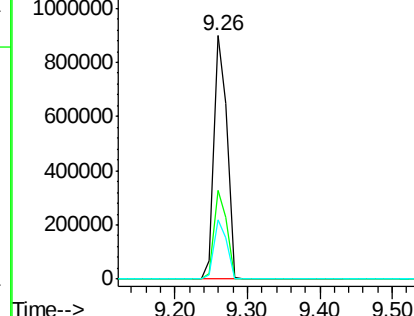
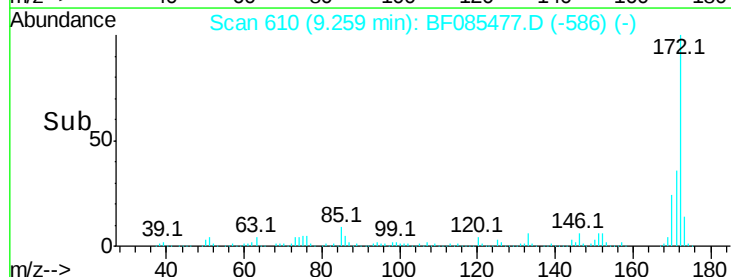
172 100

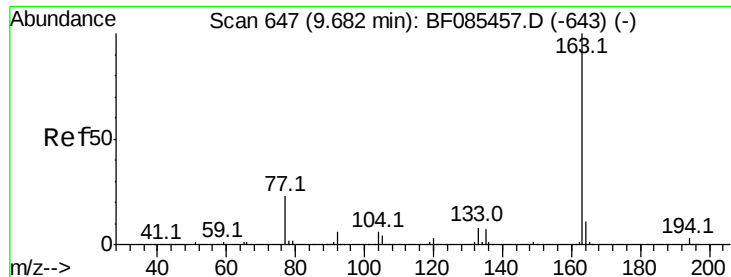
171 36.3 29.3 43.9

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: 11.16 ng

RT: 9.66 min Scan# 645

Delta R.T. -0.02 min

Lab File: BF085477.D

Acq: 16 Mar 2016 22:30

Instrument :

BNA_F

ClientSampleId :

SB-4(7-8)

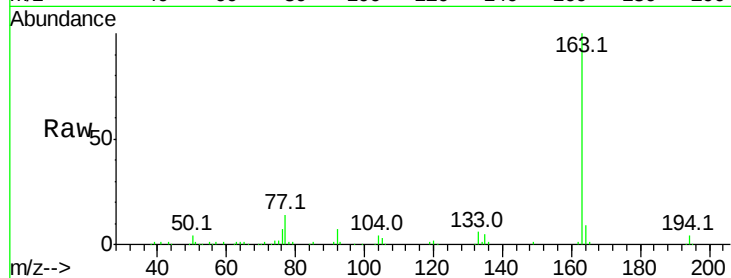
Tot Ion:163 Resp: 183492

Ion Ratio Lower Upper

163 100

194 3.8 3.1 4.7

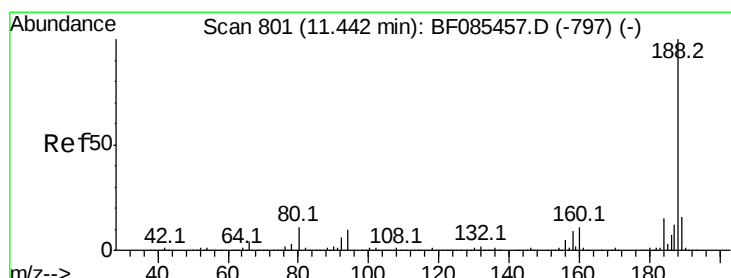
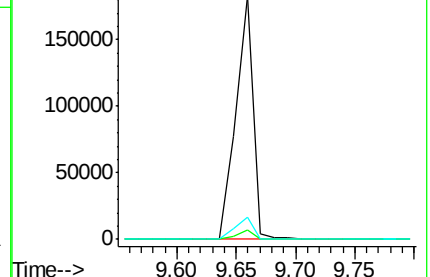
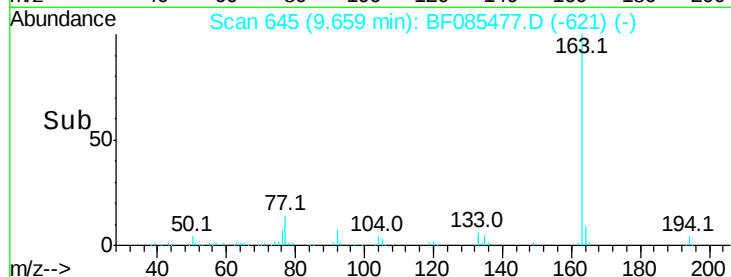
164 9.4 8.2 12.4



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: 11.42 min Scan# 799

Delta R.T. -0.02 min

Lab File: BF085477.D

Acq: 16 Mar 2016 22:30

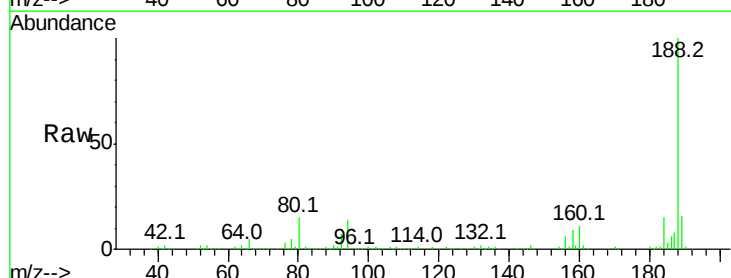
Tgt Ion:188 Resp: 401652

Ion Ratio Lower Upper

188 100

94 13.7 7.0 10.6#

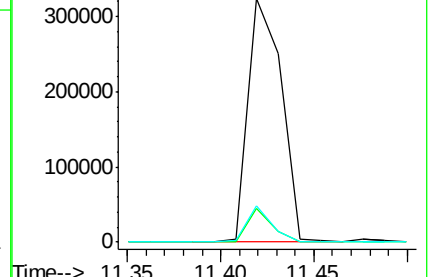
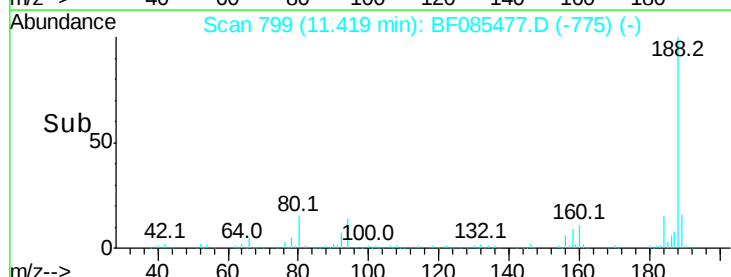
80 15.1 7.4 11.0#

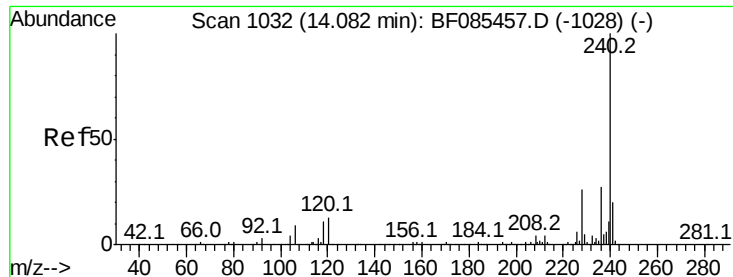


Abundance Ion 188.00 (187.70 to 188.70): E

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: 14.06 min Scan# 1030

Delta R.T. -0.02 min

Lab File: BF085477.D

Acq: 16 Mar 2016 22:30

Instrument :

BNA_F

ClientSampleId :

SB-4(7-8)

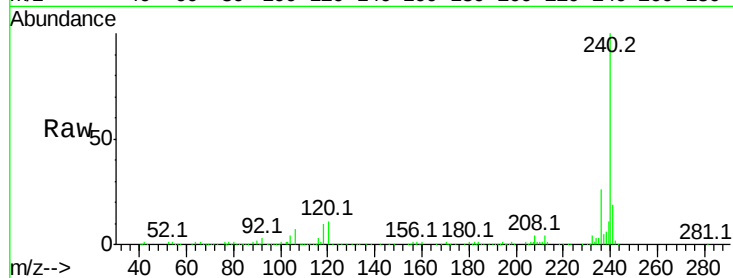
Tot Ion:240 Resp: 274395

Ion Ratio Lower Upper

240 100

120 11.2 5.3 7.9#

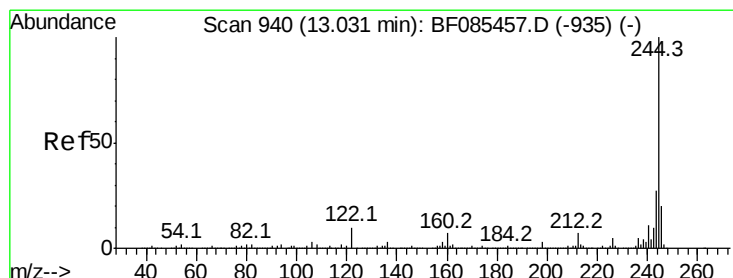
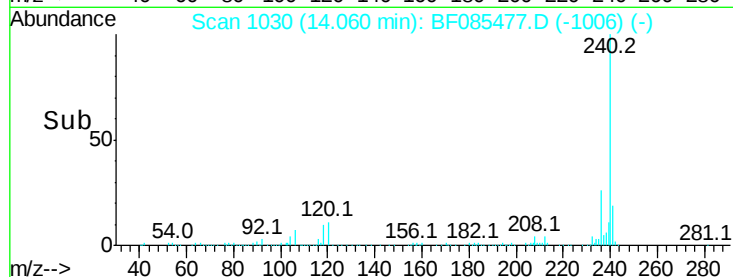
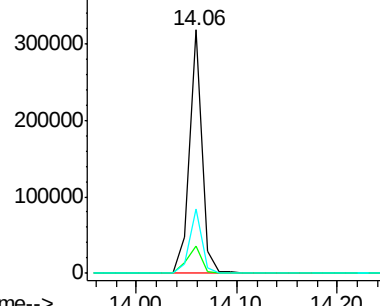
236 26.4 20.7 31.1



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: 81.67 ng

RT: 13.01 min Scan# 938

Delta R.T. -0.02 min

Lab File: BF085477.D

Acq: 16 Mar 2016 22:30

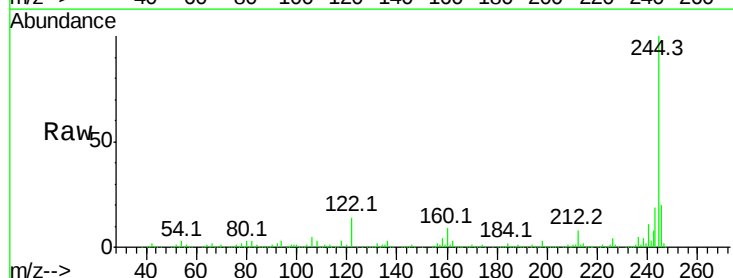
Tgt Ion:244 Resp: 990603

Ion Ratio Lower Upper

244 100

212 7.6 6.4 9.6

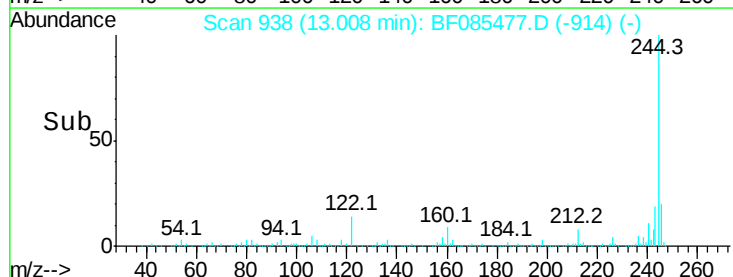
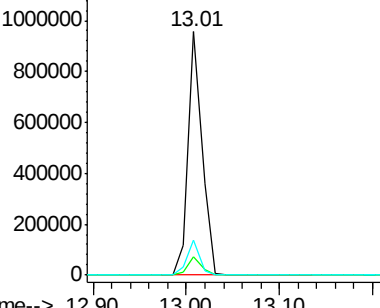
122 14.5 11.4 17.2

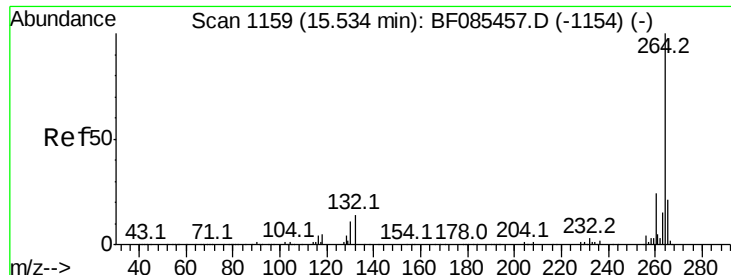


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

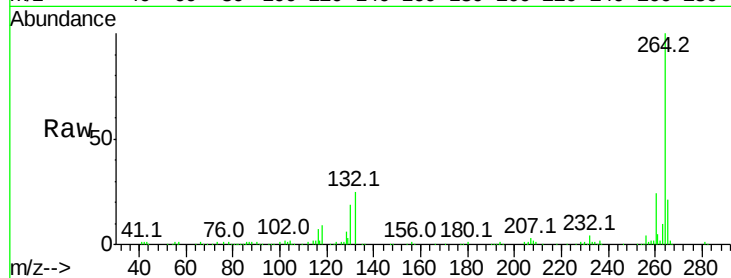




#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.50 min Scan# 1156
Delta R.T. -0.03 min
Lab File: BF085477.D
Acq: 16 Mar 2016 22:30

Instrument :
BNA_F
ClientSampleId :
SB-4(7-8)

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.2	28.8
265	21.5	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

