

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031616\
 Data File : BF085472.D
 Acq On : 16 Mar 2016 20:07
 Operator : UM/SJ
 Sample : H1788-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-1(8-9)

Quant Time: Mar 17 00:09:56 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

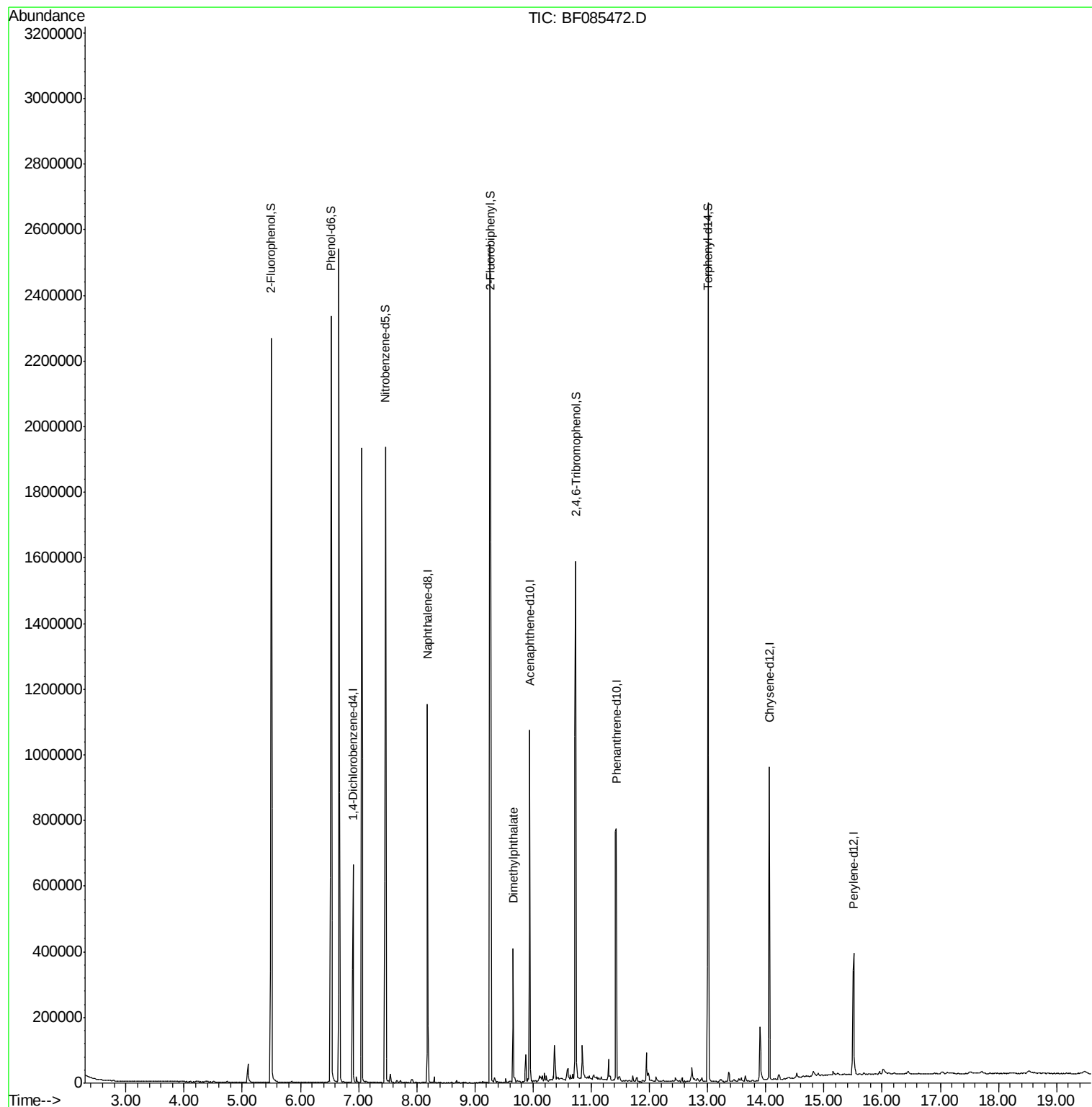
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	121090	20.00	ng	-0.01
21) Naphthalene-d8	8.18	136	488672	20.00	ng	-0.02
38) Acenaphthene-d10	9.94	164	230827	20.00	ng	-0.01
63) Phenanthrene-d10	11.43	188	426526	20.00	ng	-0.01
75) Chrysene-d12	14.06	240	297383	20.00	ng	-0.02
86) Perylene-d12	15.51	264	196576	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	749242	106.36	ng	-0.01
7) Phenol-d6	6.53	99	920457	100.73	ng	-0.02
23) Nitrobenzene-d5	7.46	82	650386	78.69	ng	-0.02
41) 2,4,6-Tribromophenol	10.73	330	241190	113.45	ng	-0.02
44) 2-Fluorobiphenyl	9.26	172	1043503	78.43	ng	-0.02
78) Terphenyl-d14	13.01	244	901805	68.60	ng	-0.02
Target Compounds						
49) Dimethylphthalate	9.66	163	182903	10.86	ng	Qvalue 98

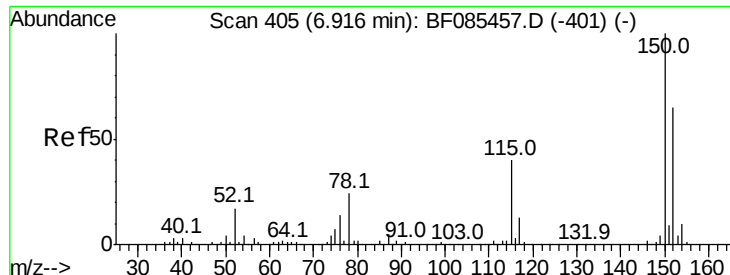
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF085472.D

Acq: 16 Mar 2016 20:07

Instrument :

BNA_F

ClientSampleId :

SB-1(8-9)

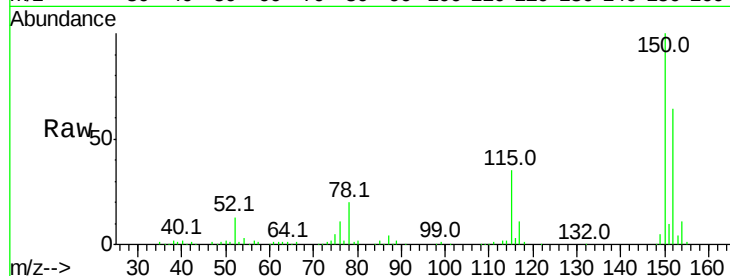
Tot Ion:152 Resp: 121090

Ion Ratio Lower Upper

152 100

150 156.3 124.6 186.8

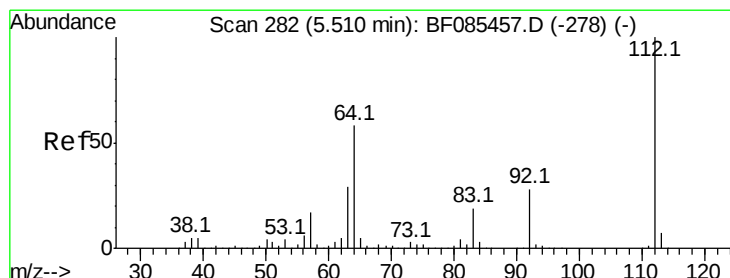
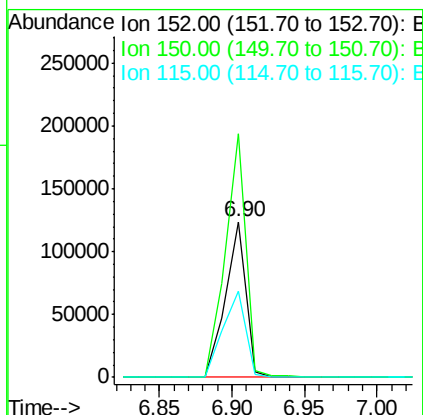
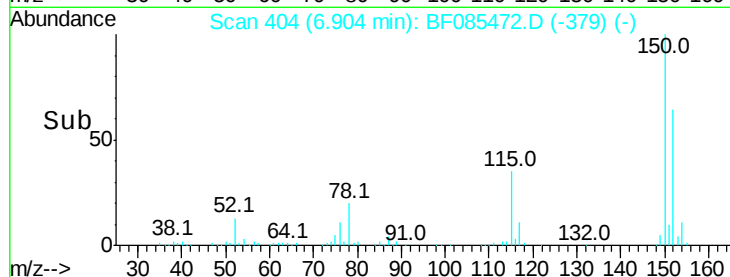
115 55.0 46.6 70.0



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: 106.36 ng

RT: 5.50 min Scan# 281

Delta R.T. -0.01 min

Lab File: BF085472.D

Acq: 16 Mar 2016 20:07

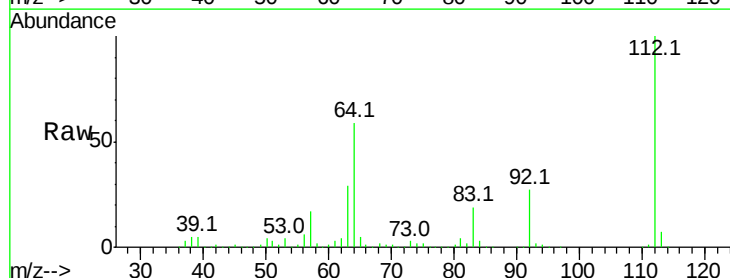
Tgt Ion:112 Resp: 749242

Ion Ratio Lower Upper

112 100

64 58.5 49.0 73.4

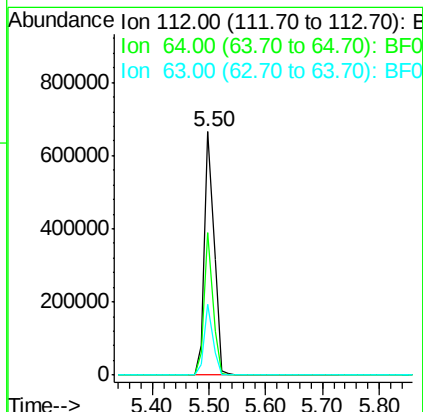
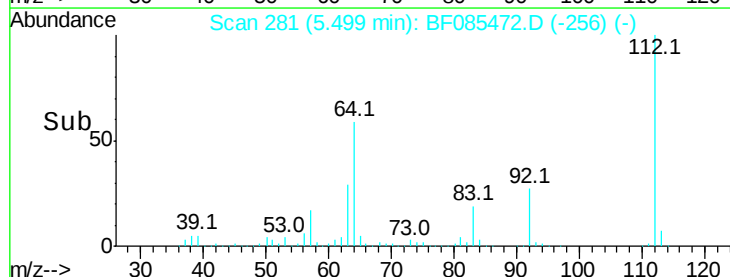
63 29.3 24.8 37.2

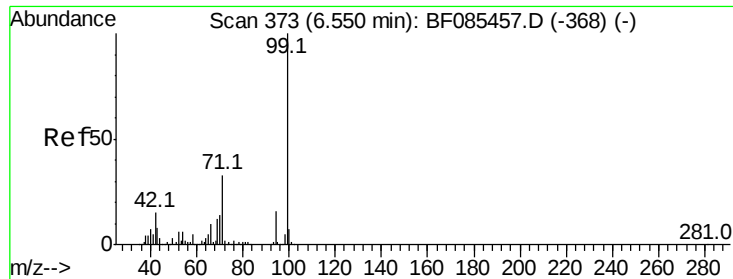


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 100.73 ng

RT: 6.53 min Scan# 371

Delta R.T. -0.02 min

Lab File: BF085472.D

Acq: 16 Mar 2016 20:07

Instrument :

BNA_F

ClientSampleId :

SB-1(8-9)

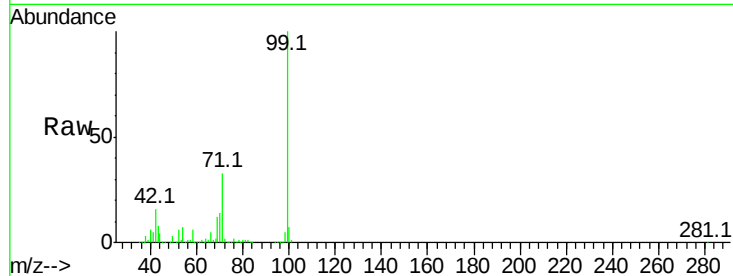
Tot Ion: 99 Resp: 920457

Ion Ratio Lower Upper

99 100

42 16.1 13.6 20.4

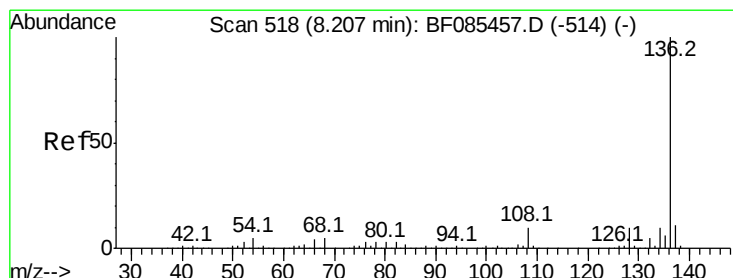
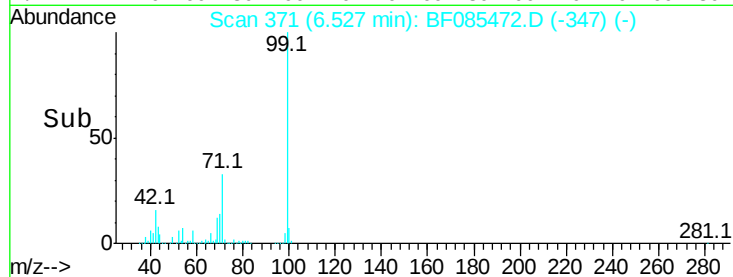
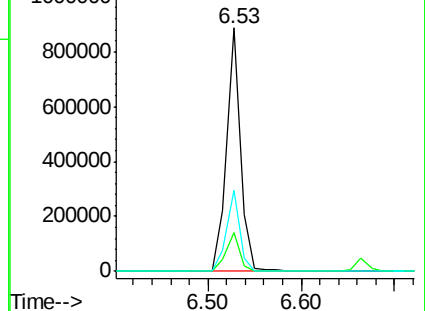
71 33.5 26.7 40.1



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: BF085472.D

Acq: 16 Mar 2016 20:07

Tgt Ion: 136 Resp: 488672

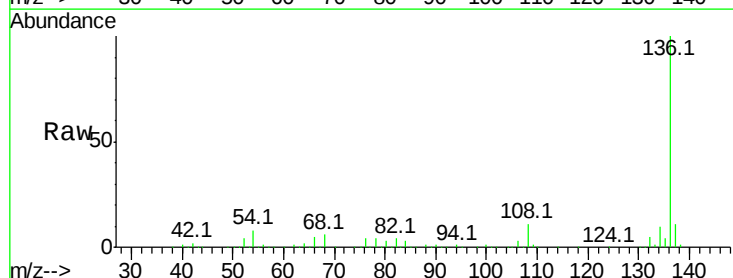
Ion Ratio Lower Upper

136 100

137 11.1 9.3 13.9

54 7.7 7.4 11.2

68 6.2 6.0 9.0

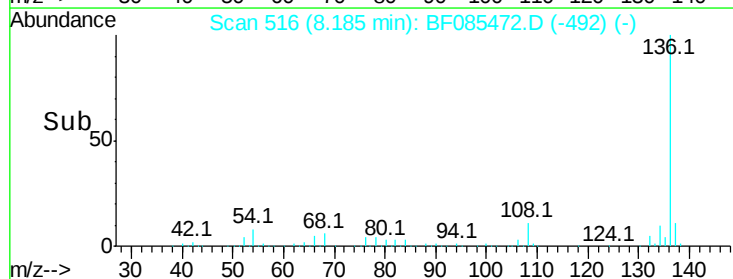
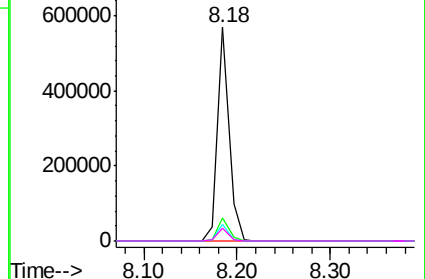


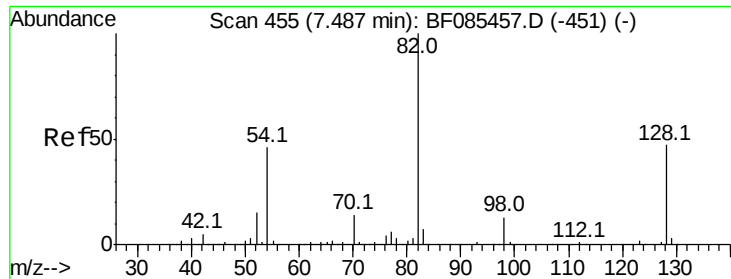
Abundance Ion 136.00 (135.70 to 136.70): E

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

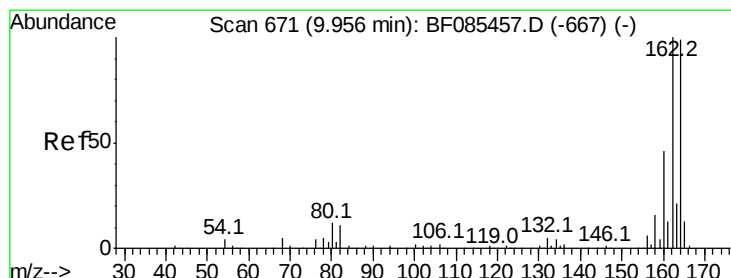
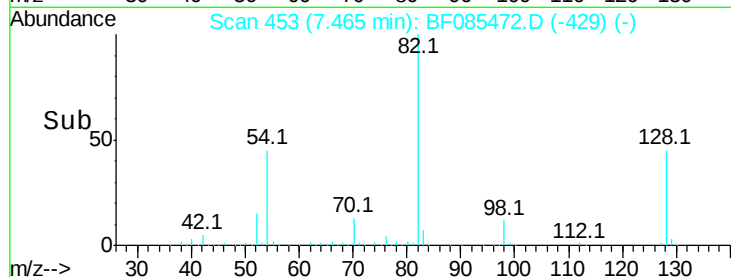
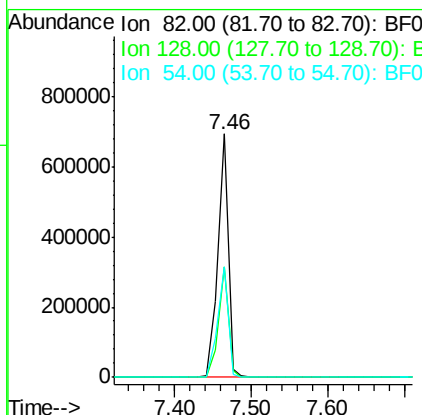
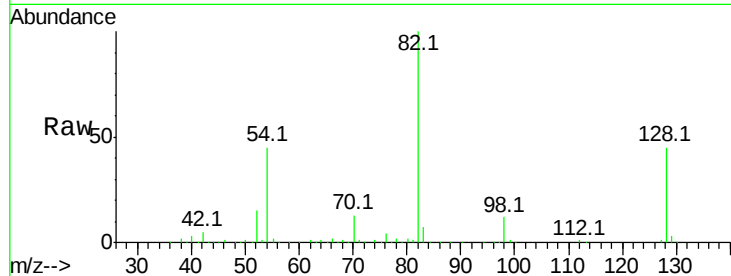




#23
 Nitrobenzene-d5
 Concen: 78.69 ng
 RT: 7.46 min Scan# 453
 Delta R.T. -0.02 min
 Lab File: BF085472.D
 Acq: 16 Mar 2016 20:07

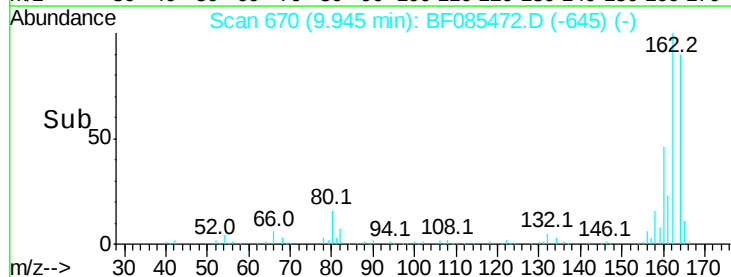
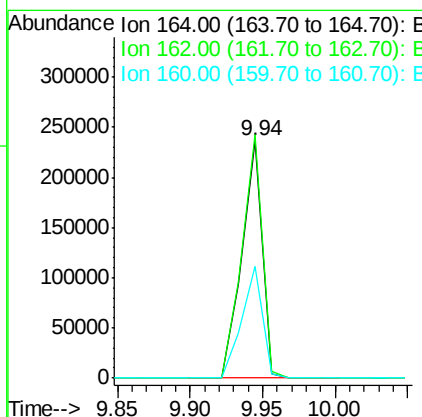
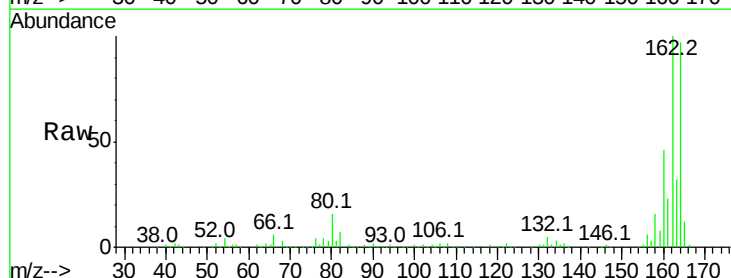
Instrument :
 BNA_F
 ClientSampleId :
 SB-1(8-9)

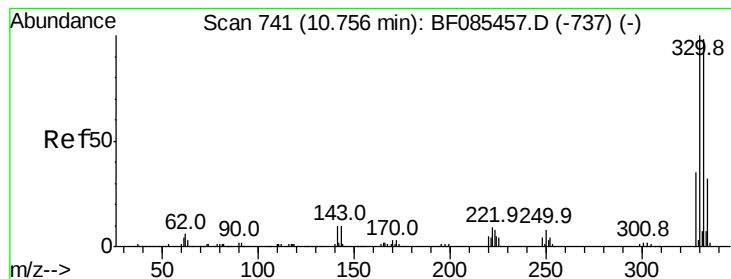
Tot Ion	82	Resp	650386
Ion Ratio	Lower	Upper	
82	100		
128	45.3	34.5	51.7
54	45.3	39.3	58.9



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.94 min Scan# 670
 Delta R.T. -0.01 min
 Lab File: BF085472.D
 Acq: 16 Mar 2016 20:07

Tgt Ion	164	Resp	230827
Ion Ratio	Lower	Upper	
164	100		
162	102.6	83.3	124.9
160	47.3	37.9	56.9





#41

2,4,6-Tribromophenol

Concen: 113.45 ng

RT: 10.73 min Scan# 739

Delta R.T. -0.02 min

Lab File: BF085472.D

Acq: 16 Mar 2016 20:07

Instrument :

BNA_F

ClientSampleId :

SB-1(8-9)

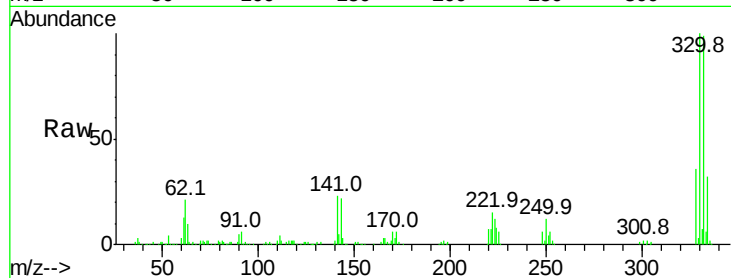
Tot Ion:330 Resp: 241190

Ion Ratio Lower Upper

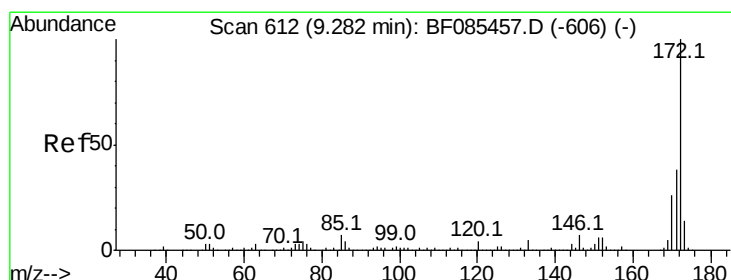
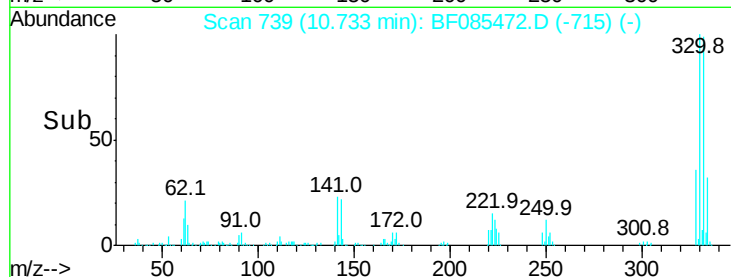
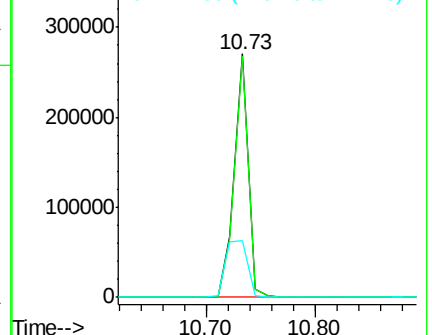
330 100

332 98.3 77.1 115.7

141 36.9 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: 78.43 ng

RT: 9.26 min Scan# 610

Delta R.T. -0.02 min

Lab File: BF085472.D

Acq: 16 Mar 2016 20:07

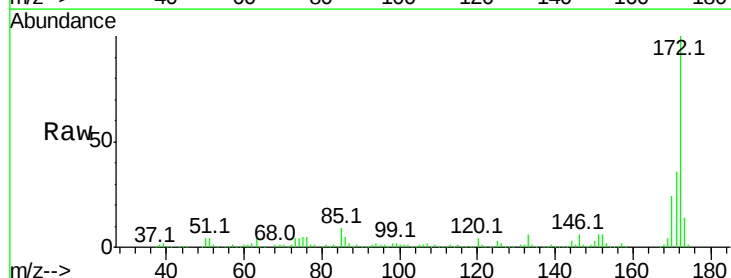
Tgt Ion:172 Resp: 1043503

Ion Ratio Lower Upper

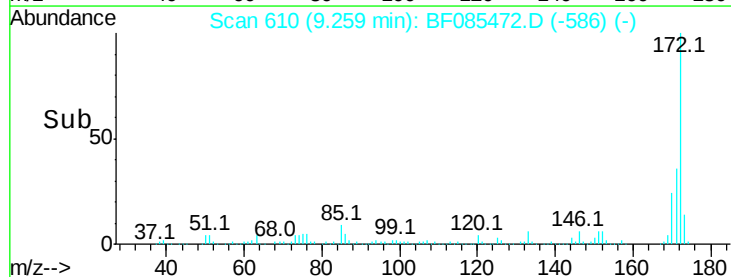
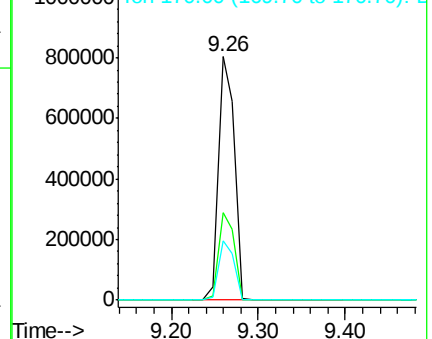
172 100

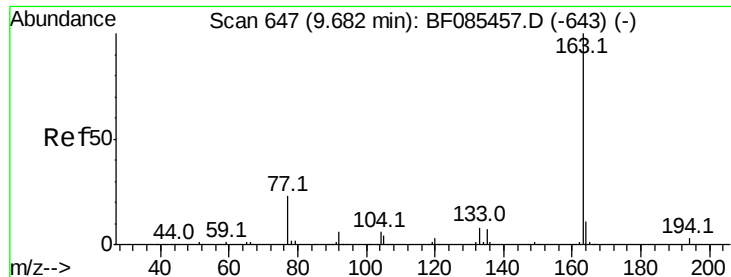
171 36.0 29.3 43.9

170 24.3 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: 10.86 ng

RT: 9.66 min Scan# 645

Delta R.T. -0.02 min

Lab File: BF085472.D

Acq: 16 Mar 2016 20:07

Instrument :

BNA_F

ClientSampleId :

SB-1(8-9)

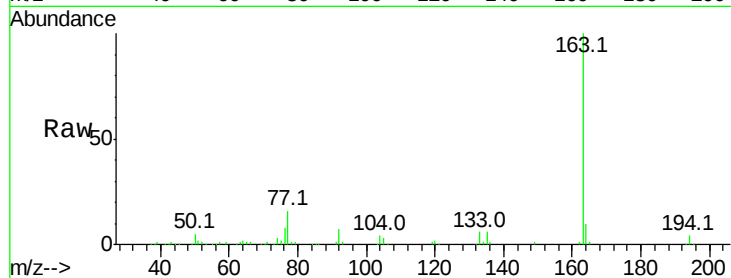
Tot Ion:163 Resp: 182903

Ion Ratio Lower Upper

163 100

194 3.7 3.1 4.7

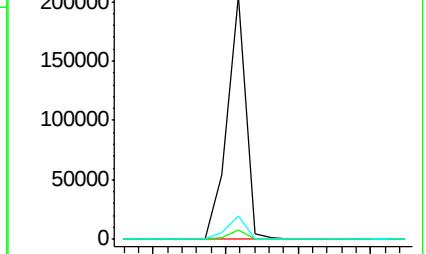
164 9.5 8.2 12.4



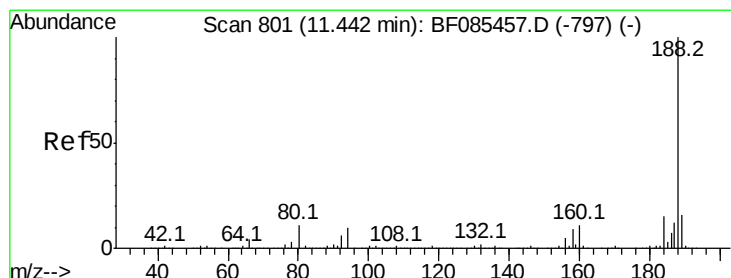
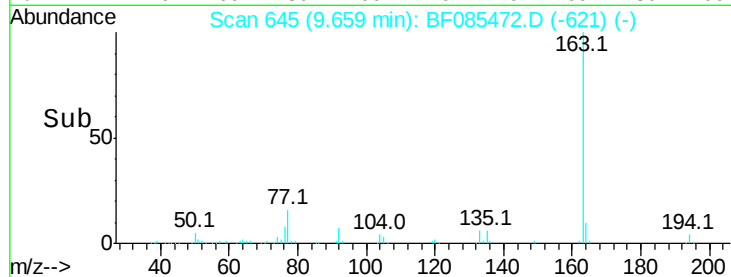
Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



Time-->



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.43 min Scan# 800

Delta R.T. -0.01 min

Lab File: BF085472.D

Acq: 16 Mar 2016 20:07

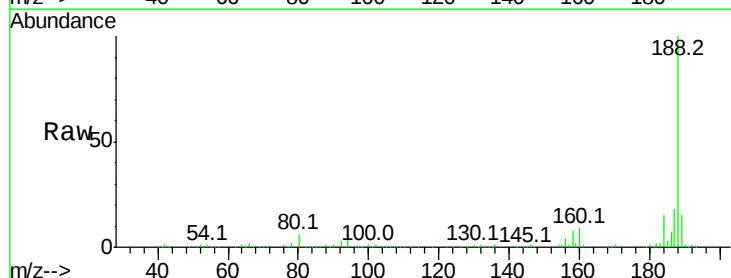
Tgt Ion:188 Resp: 426526

Ion Ratio Lower Upper

188 100

94 6.2 7.0 10.6#

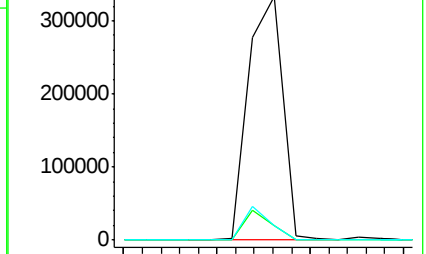
80 5.9 7.4 11.0#



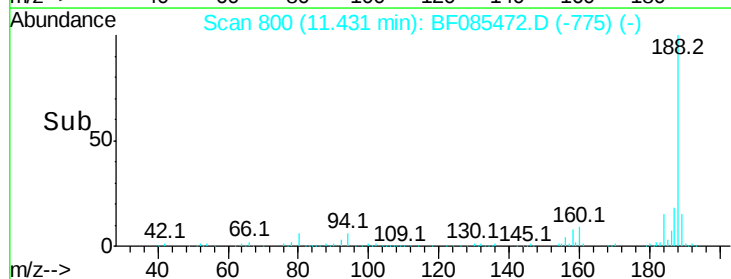
Abundance Ion 188.00 (187.70 to 188.70): E

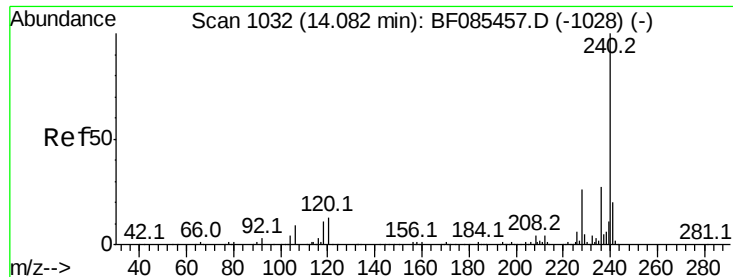
Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



Time-->





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.06 min Scan# 1030

Delta R.T. -0.02 min

Lab File: BF085472.D

Acq: 16 Mar 2016 20:07

Instrument :

BNA_F

ClientSampleId :

SB-1(8-9)

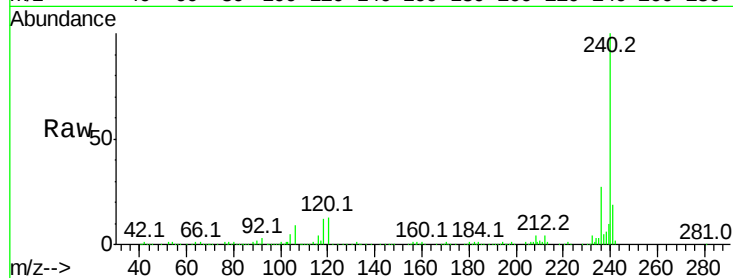
Tot Ion:240 Resp: 297383

Ion Ratio Lower Upper

240 100

120 13.1 5.3 7.9#

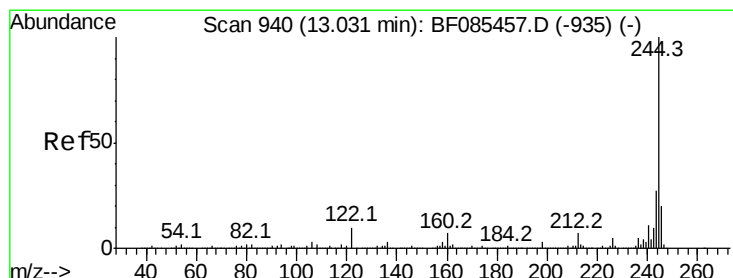
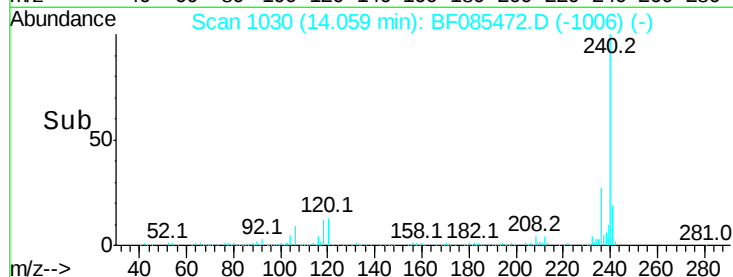
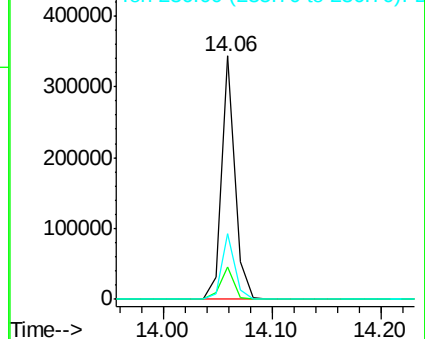
236 26.8 20.7 31.1



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: 68.60 ng

RT: 13.01 min Scan# 938

Delta R.T. -0.02 min

Lab File: BF085472.D

Acq: 16 Mar 2016 20:07

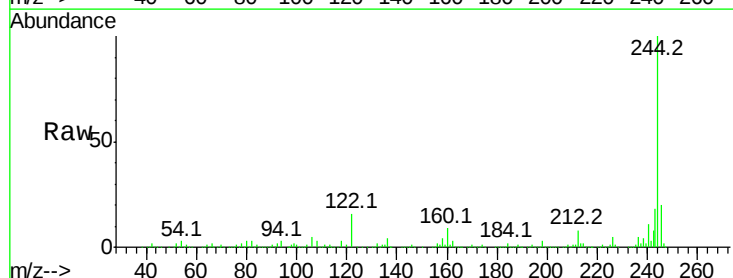
Tgt Ion:244 Resp: 901805

Ion Ratio Lower Upper

244 100

212 7.9 6.4 9.6

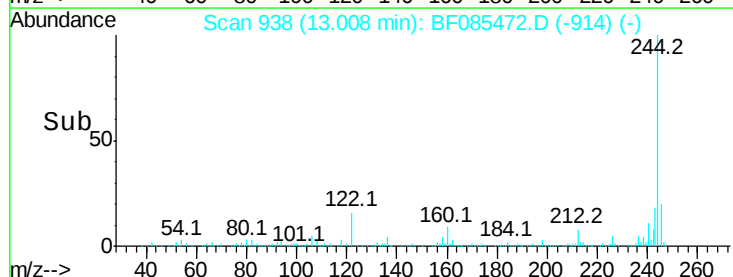
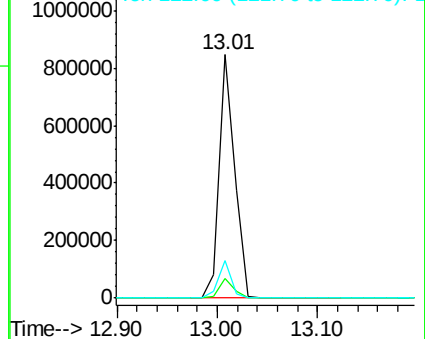
122 15.6 11.4 17.2

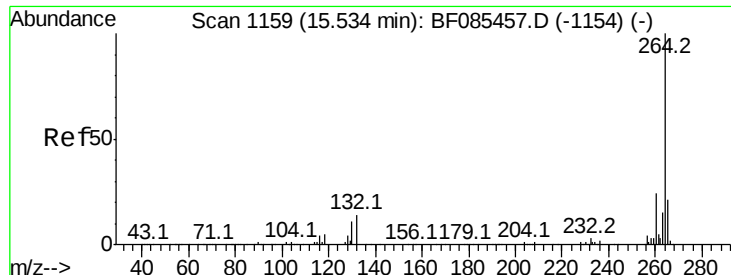


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

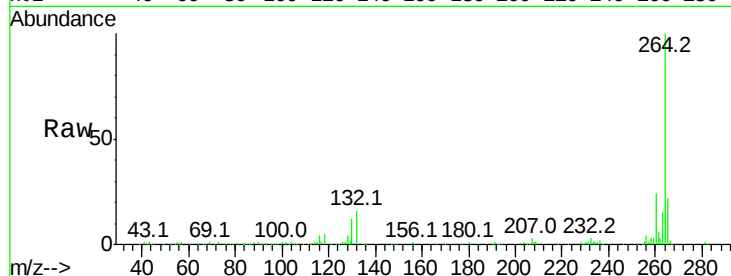




#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.51 min Scan# 1157
Delta R.T. -0.02 min
Lab File: BF085472.D
Acq: 16 Mar 2016 20:07

Instrument :
BNA_F
ClientSampleId :
SB-1(8-9)

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.2	28.8
265	21.8	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

