

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030316\
 Data File : BF085171.D
 Acq On : 3 Mar 2016 22:11
 Operator : SJ/UM
 Sample : H1663-10
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-42(23-25)

Quant Time: Mar 04 02:39:28 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 04 00:54:58 2016
 Response via : Initial Calibration

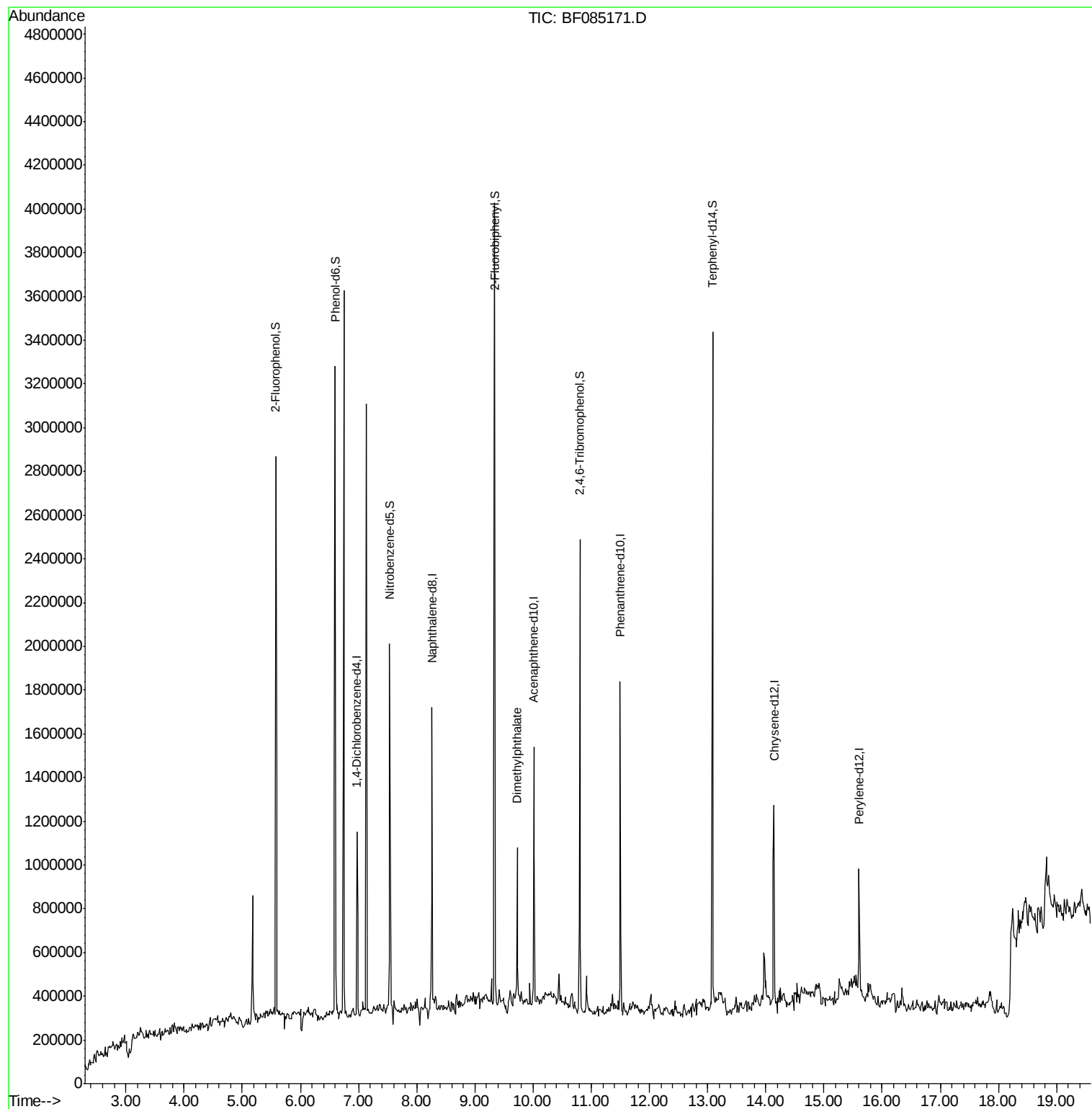
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	148443	20.00	ng	-0.01
21) Naphthalene-d8	8.26	136	634387	20.00	ng	0.00
38) Acenaphthene-d10	10.01	164	283477	20.00	ng	-0.01
63) Phenanthrene-d10	11.50	188	535512	20.00	ng	-0.01
75) Chrysene-d12	14.14	240	411192	20.00	ng	-0.01
86) Perylene-d12	15.60	264	278443	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.58	112	848767	95.91	ng	0.00
7) Phenol-d6	6.60	99	1043427	89.99	ng	-0.01
23) Nitrobenzene-d5	7.53	82	647857	54.65	ng	-0.01
41) 2,4,6-Tribromophenol	10.80	330	214049	88.25	ng	-0.01
44) 2-Fluorobiphenyl	9.34	172	1098365	58.93	ng	-0.01
78) Terphenyl-d14	13.09	244	1007176	56.86	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.73	163	238136	10.94	ng	Qvalue 99

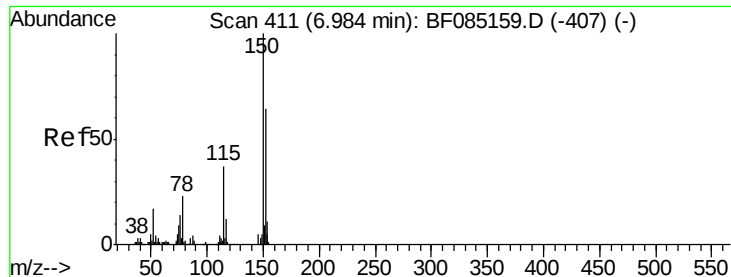
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.97 min Scan# 410

Delta R.T. -0.01 min

Lab File: BF085171.D

Acq: 3 Mar 2016 22:11

Instrument :

BNA_F

ClientSampled :

SB-42(23-25)

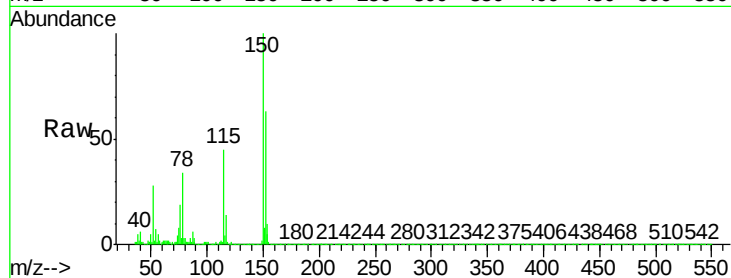
Tgt Ion:152 Resp: 148443

Ion Ratio Lower Upper

152 100

150 159.6 124.6 186.8

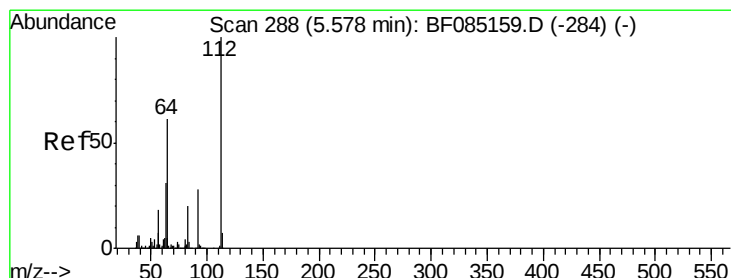
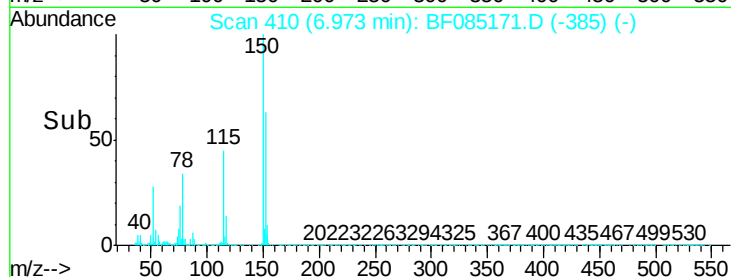
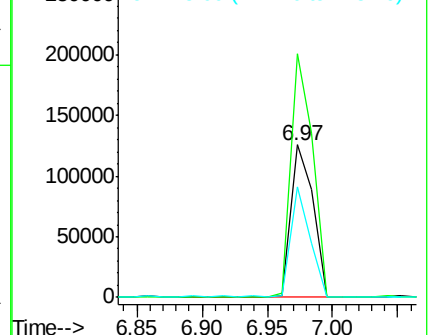
115 72.3 46.6 70.0#



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: 95.91 ng

RT: 5.58 min Scan# 288

Delta R.T. 0.00 min

Lab File: BF085171.D

Acq: 3 Mar 2016 22:11

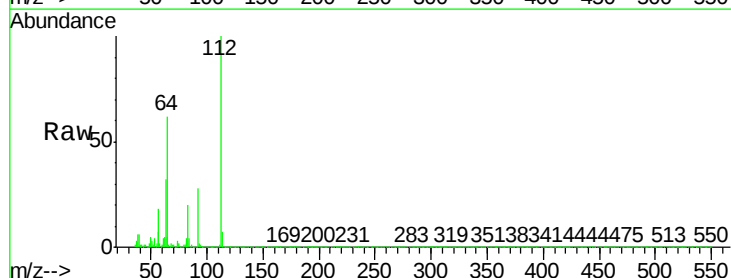
Tgt Ion:112 Resp: 848767

Ion Ratio Lower Upper

112 100

64 61.9 49.0 73.4

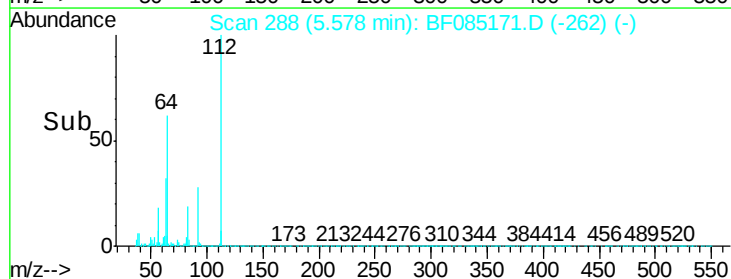
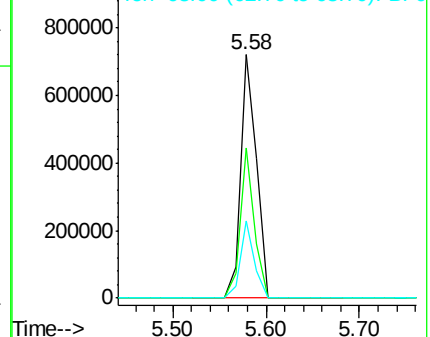
63 31.7 24.8 37.2

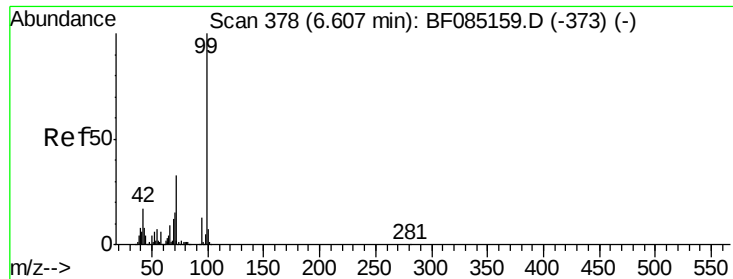


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 89.99 ng

RT: 6.60 min Scan# 377

Delta R.T. -0.01 min

Lab File: BF085171.D

Acq: 3 Mar 2016 22:11

Instrument :

BNA_F

ClientSampleId :

SB-42(23-25)

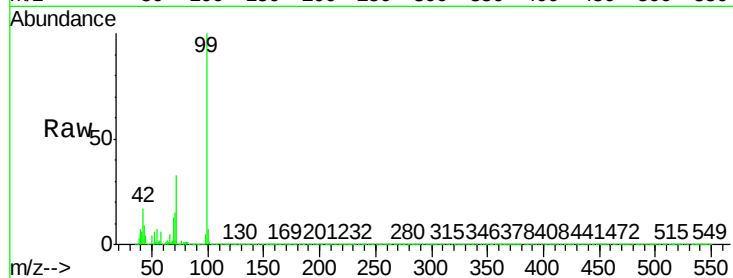
Tgt Ion: 99 Resp: 1043427

Ion Ratio Lower Upper

99 100

42 17.1 13.6 20.4

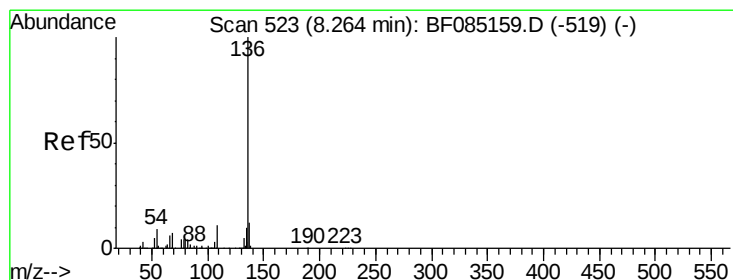
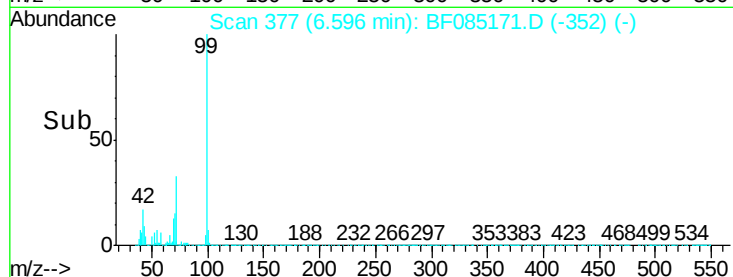
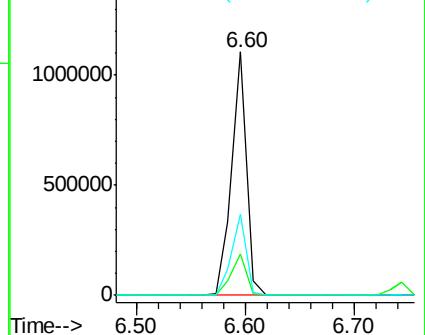
71 33.4 26.7 40.1



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: 8.26 min Scan# 523

Delta R.T. 0.00 min

Lab File: BF085171.D

Acq: 3 Mar 2016 22:11

Tgt Ion: 136 Resp: 634387

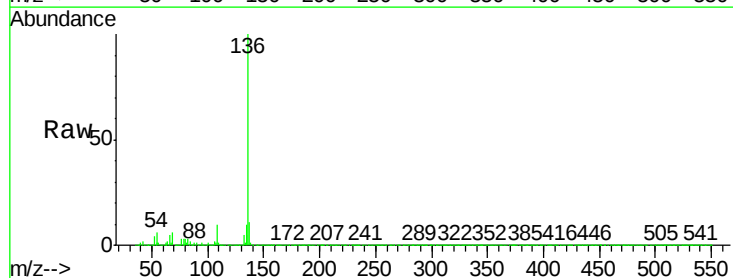
Ion Ratio Lower Upper

136 100

137 11.1 9.3 13.9

54 6.3 7.4 11.2#

68 5.6 6.0 9.0#

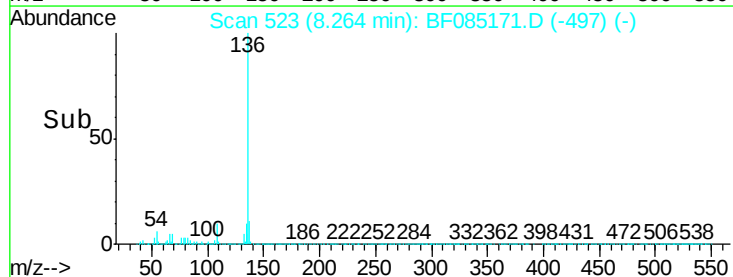
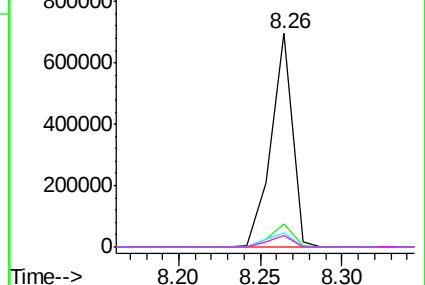


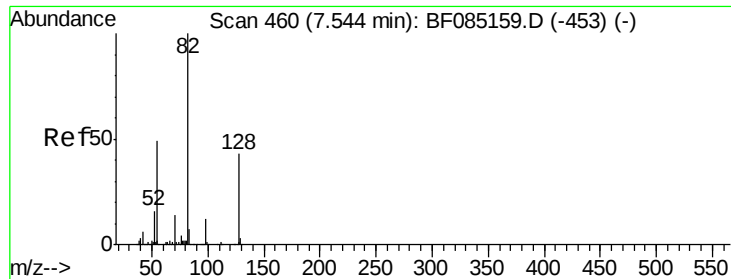
Abundance Ion 136.00 (135.70 to 136.70): E

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

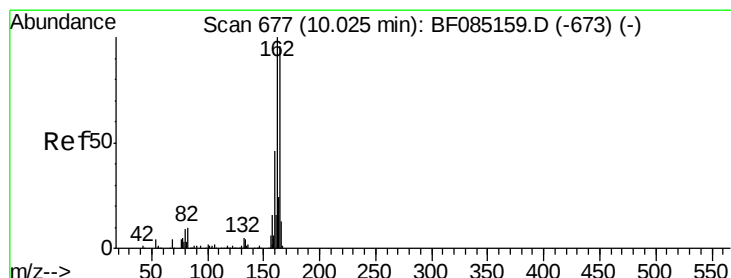
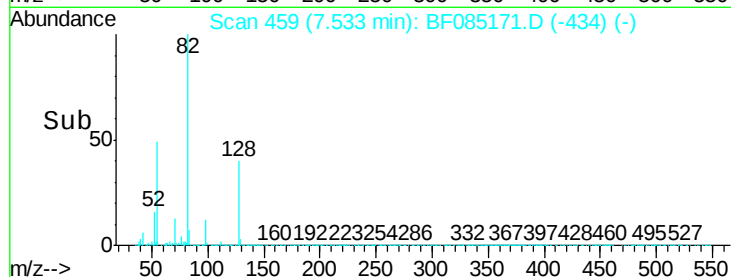
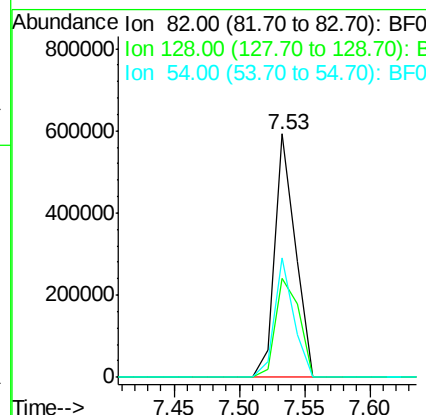
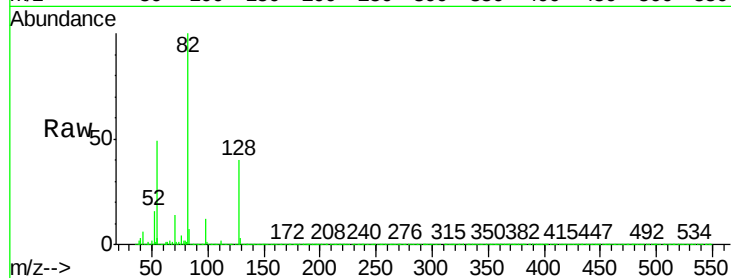




#23
 Nitrobenzene-d5
 Concen: 54.65 ng
 RT: 7.53 min Scan# 459
 Delta R.T. -0.01 min
 Lab File: BF085171.D
 Acq: 3 Mar 2016 22:11

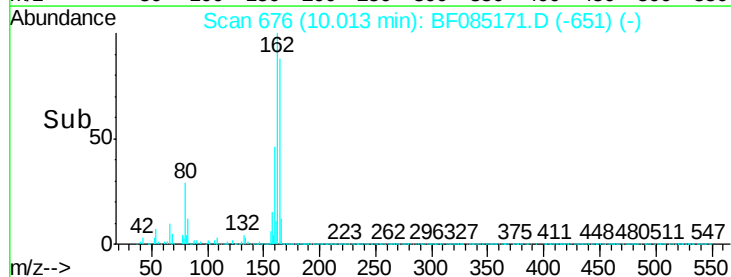
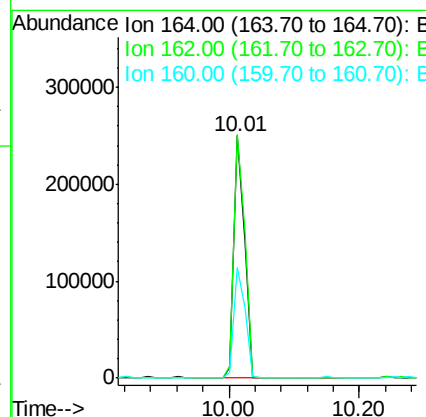
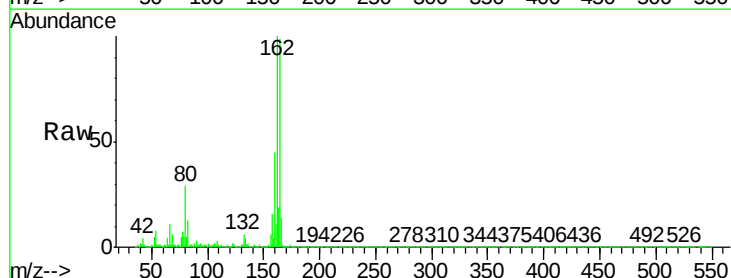
Instrument :
 BNA_F
 ClientSampleId :
 SB-42(23-25)

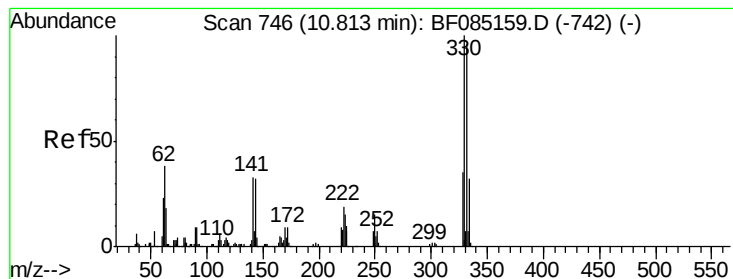
Tgt Ion	Ratio	Lower	Upper
82	100		
128	40.5	34.5	51.7
54	49.2	39.3	58.9



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.01 min Scan# 676
 Delta R.T. -0.01 min
 Lab File: BF085171.D
 Acq: 3 Mar 2016 22:11

Tgt Ion	Ratio	Lower	Upper
164	100		
162	100.7	83.3	124.9
160	45.6	37.9	56.9





#41

2,4,6-Tribromophenol

Concen: 88.25 ng

RT: 10.80 min Scan# 745

Delta R.T. -0.01 min

Lab File: BF085171.D

Acq: 3 Mar 2016 22:11

Instrument :

BNA_F

ClientSampleId :

SB-42(23-25)

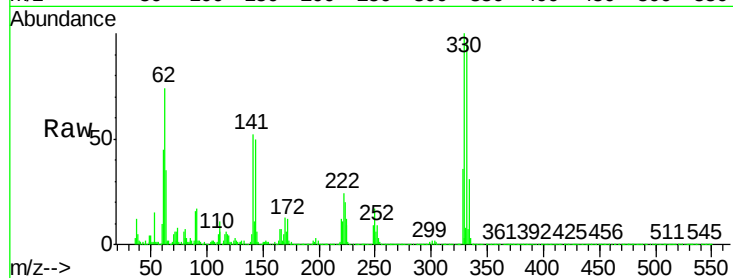
Tgt Ion:330 Resp: 214049

Ion Ratio Lower Upper

330 100

332 96.2 77.1 115.7

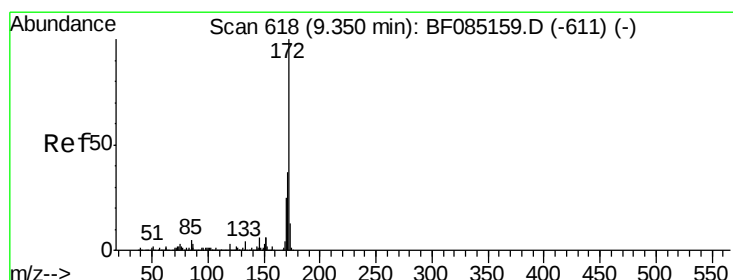
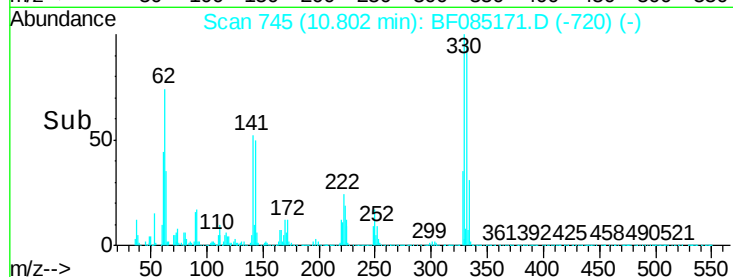
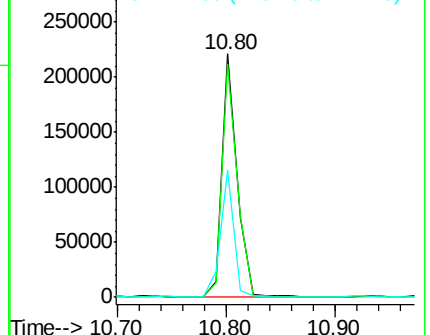
141 46.0 35.0 52.6



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: 58.93 ng

RT: 9.34 min Scan# 617

Delta R.T. -0.01 min

Lab File: BF085171.D

Acq: 3 Mar 2016 22:11

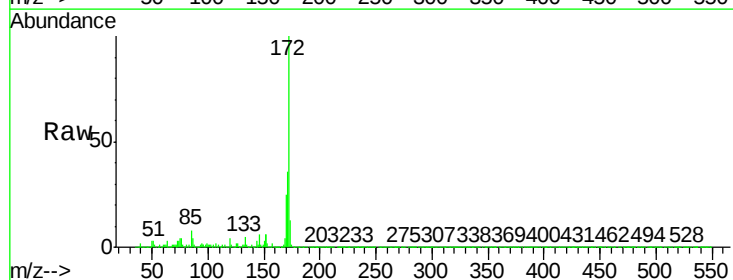
Tgt Ion:172 Resp: 1098365

Ion Ratio Lower Upper

172 100

171 36.2 29.3 43.9

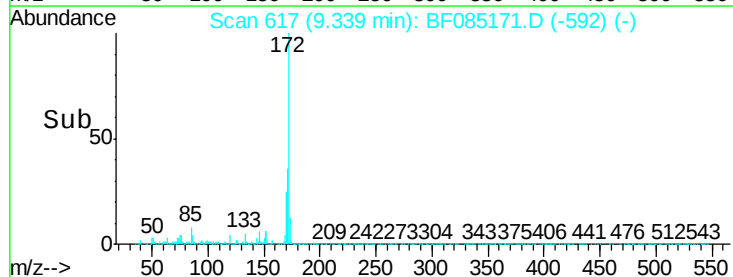
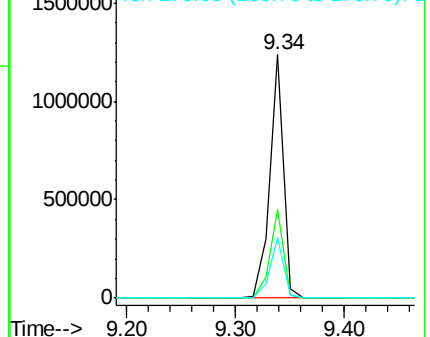
170 24.7 20.0 30.0

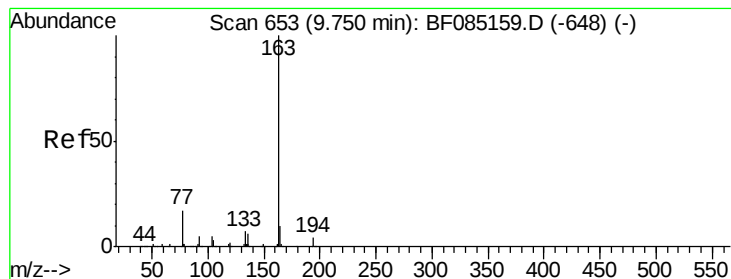


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#49

Dimethylphthalate

Concen: 10.94 ng

RT: 9.73 min Scan# 651

Delta R.T. -0.02 min

Lab File: BF085171.D

Acq: 3 Mar 2016 22:11

Instrument :

BNA_F

ClientSampleId :

SB-42(23-25)

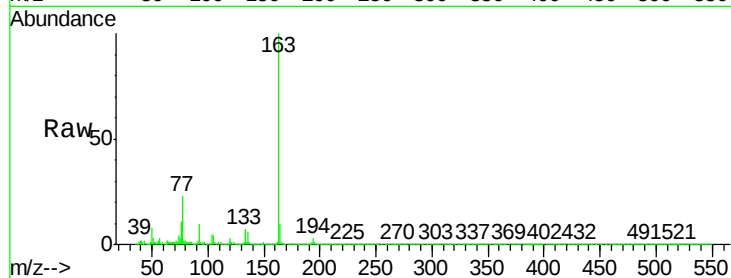
Tgt Ion:163 Resp: 238136

Ion Ratio Lower Upper

163 100

194 3.4 3.1 4.7

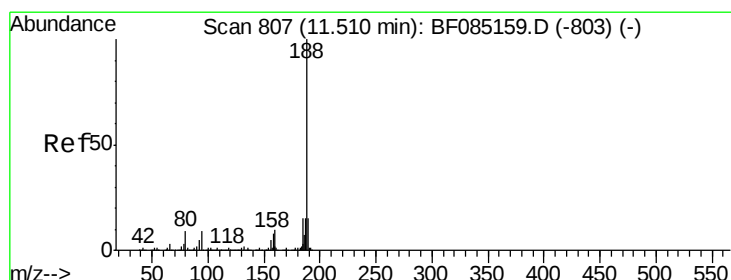
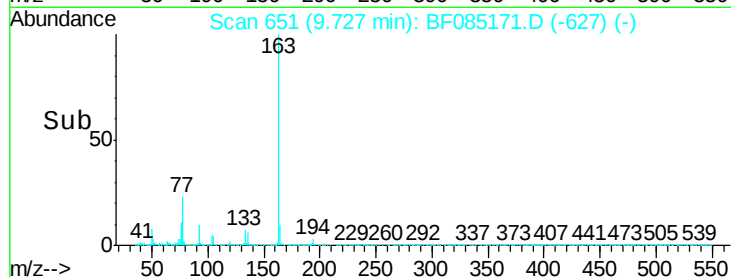
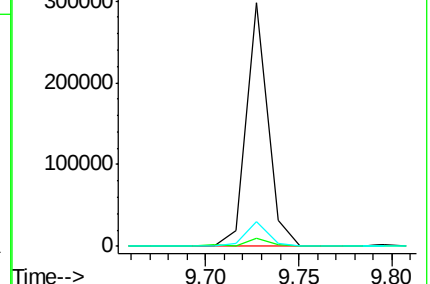
164 10.1 8.2 12.4



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: 11.50 min Scan# 806

Delta R.T. -0.01 min

Lab File: BF085171.D

Acq: 3 Mar 2016 22:11

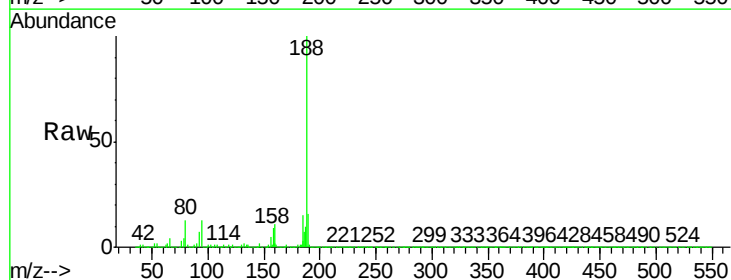
Tgt Ion:188 Resp: 535512

Ion Ratio Lower Upper

188 100

94 12.6 7.0 10.6#

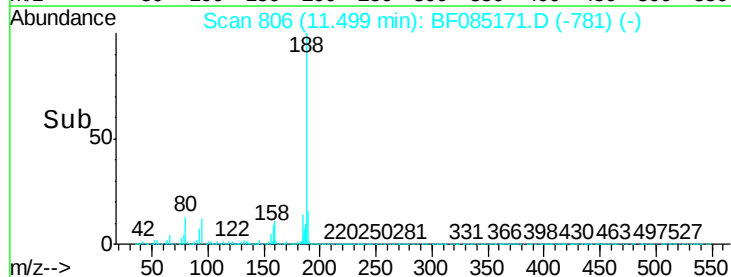
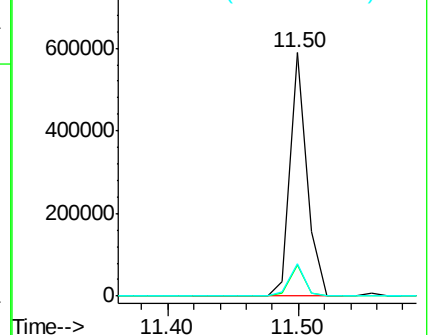
80 13.4 7.4 11.0#

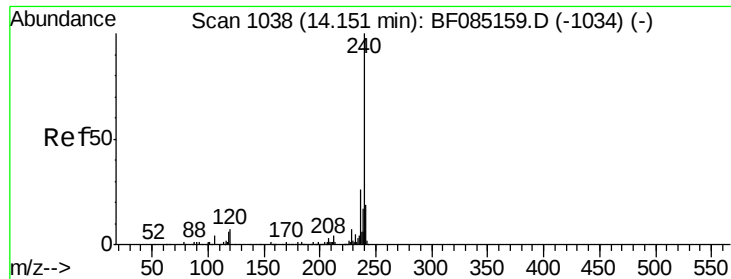


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

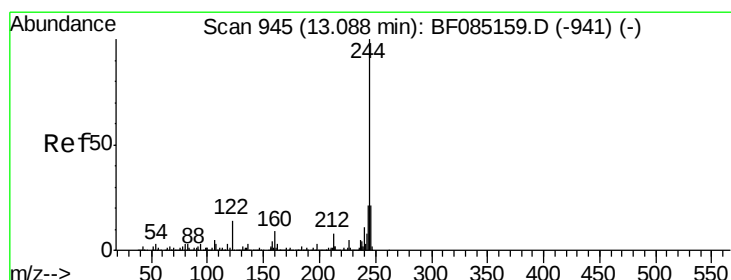
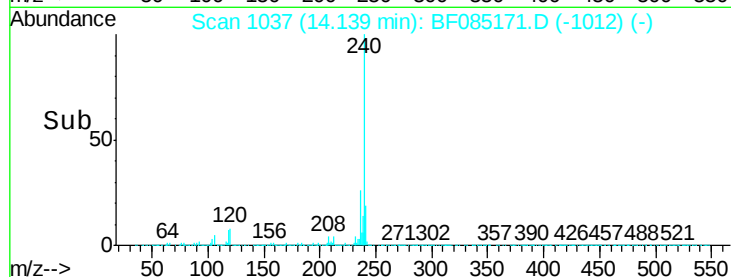
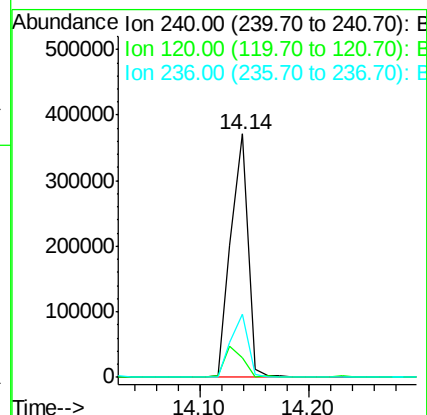
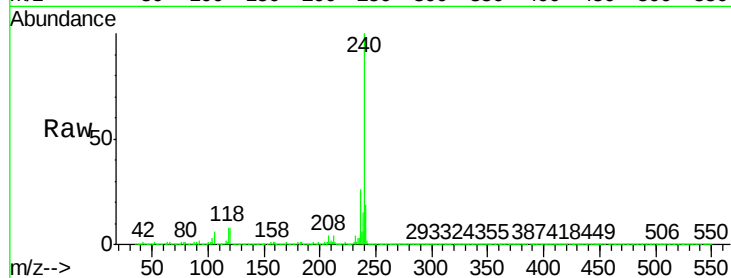




#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.14 min Scan# 1037
Delta R.T. -0.01 min
Lab File: BF085171.D
Acq: 3 Mar 2016 22:11

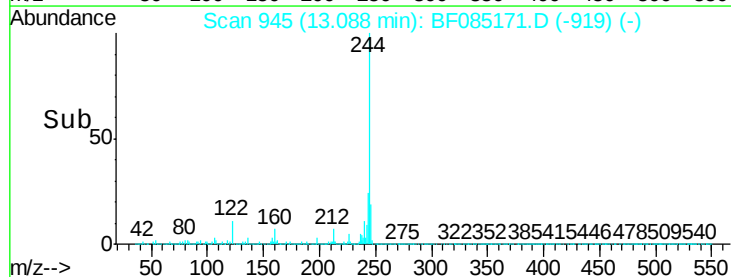
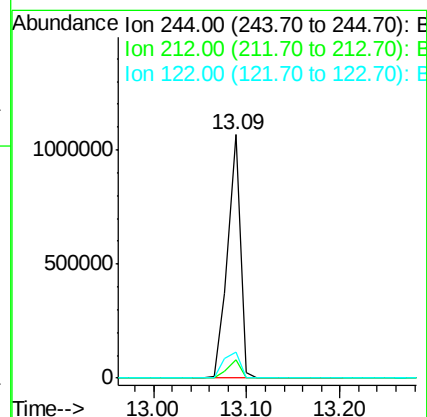
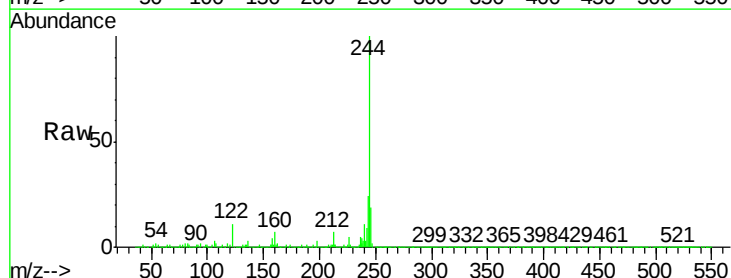
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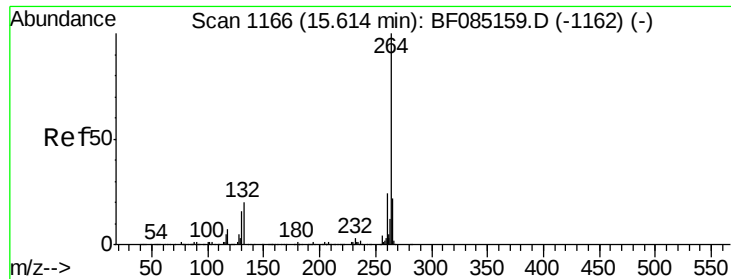
Tgt Ion:240 Resp: 411192
Ion Ratio Lower Upper
240 100
120 8.3 5.3 7.9#
236 25.8 20.7 31.1



#78
Terphenyl-d14
Concen: 56.86 ng
RT: 13.09 min Scan# 945
Delta R.T. 0.00 min
Lab File: BF085171.D
Acq: 3 Mar 2016 22:11

Tgt Ion:244 Resp: 1007176
Ion Ratio Lower Upper
244 100
212 7.4 6.4 9.6
122 10.7 11.4 17.2#

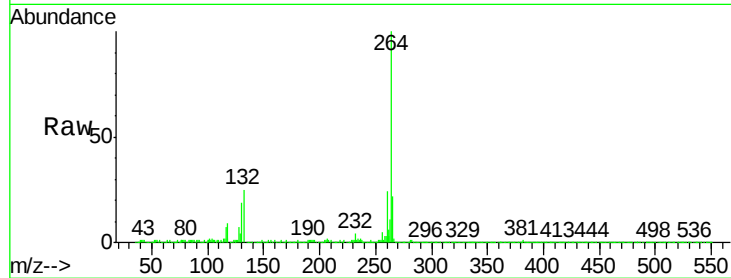




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.60 min Scan# 1165
Delta R.T. -0.01 min
Lab File: BF085171.D
Acq: 3 Mar 2016 22:11

Instrument :
BNA_F
ClientSampleId :
SB-42(23-25)

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.2	28.8
265	21.6	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

