

Data Path : Z:\HPCHEM1\BNA F\DATA\BF030416\
 Data File : BF085210.D
 Acq On : 4 Mar 2016 18:46
 Operator : SJ/IZ
 Sample : PB88680BL
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB88680BL

Quant Time: Mar 04 22:34:51 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	163099	20.00	ng	-0.01
21) Naphthalene-d8	8.25	136	664858	20.00	ng	-0.01
38) Acenaphthene-d10	10.01	164	306878	20.00	ng	-0.01
63) Phenanthrene-d10	11.50	188	613208	20.00	ng	-0.01
75) Chrysene-d12	14.13	240	406020	20.00	ng	-0.02
86) Perylene-d12	15.60	264	289159	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	1240162	127.54	ng	0.01
7) Phenol-d6	6.60	99	1490437	117.00	ng	-0.01
23) Nitrobenzene-d5	7.53	82	996527	80.21	ng	-0.01
41) 2,4,6-Tribromophenol	10.80	330	357800	136.26	ng	-0.01
44) 2-Fluorobiphenyl	9.33	172	1659156	82.22	ng	-0.02
78) Terphenyl-d14	13.09	244	1620974	92.68	ng	0.00

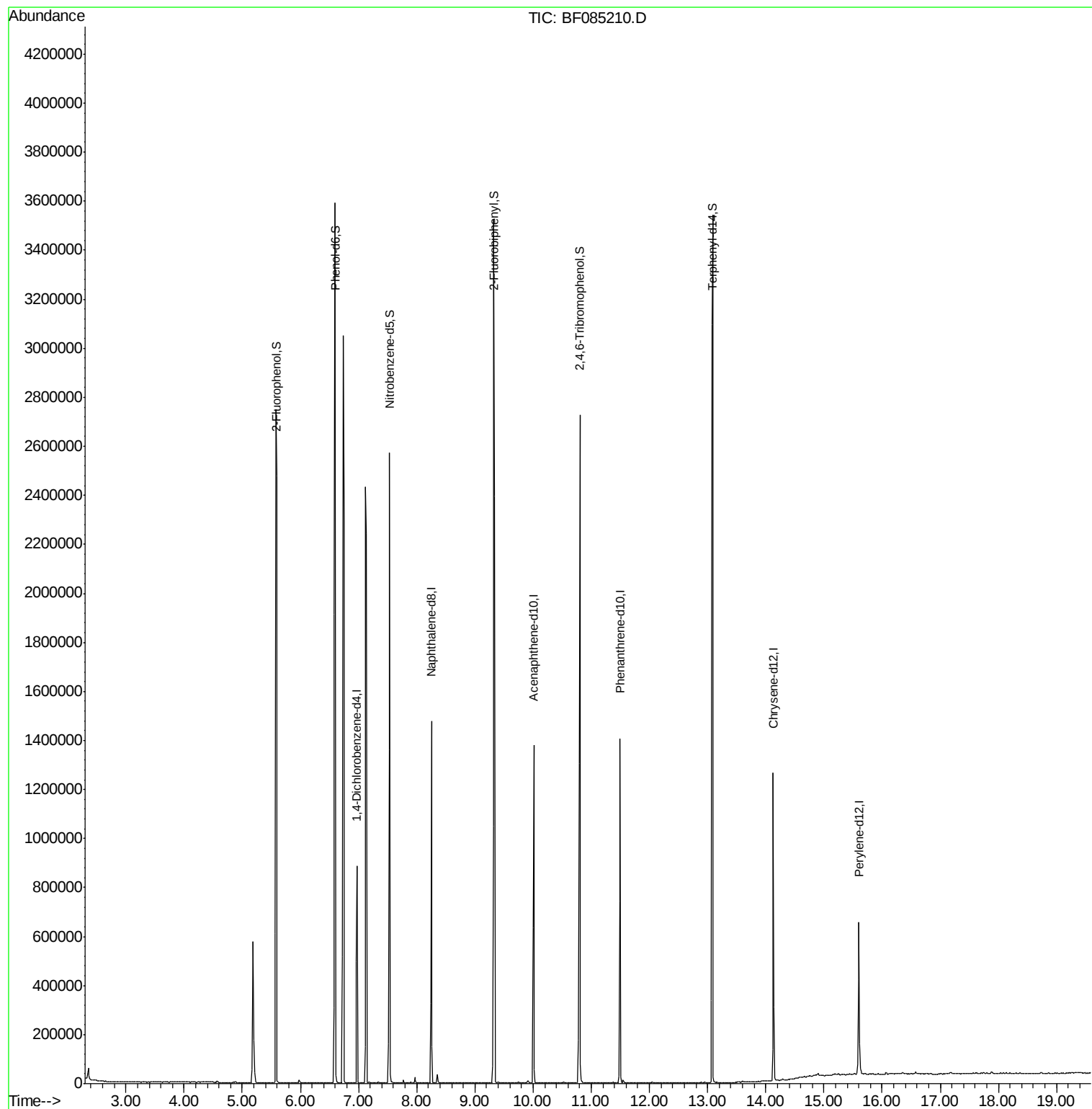
Target Compounds Qvalue

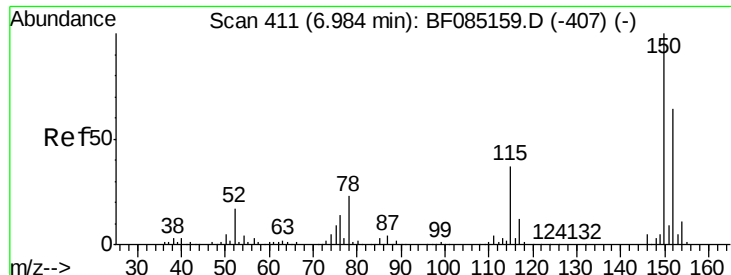
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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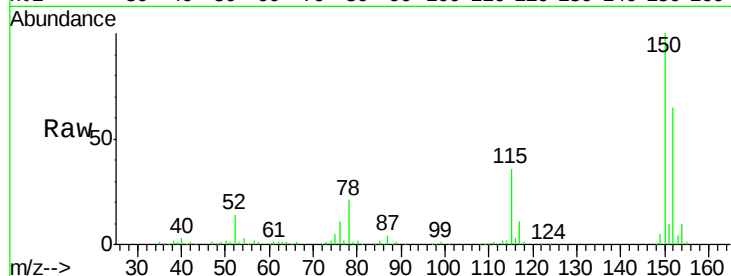


#1

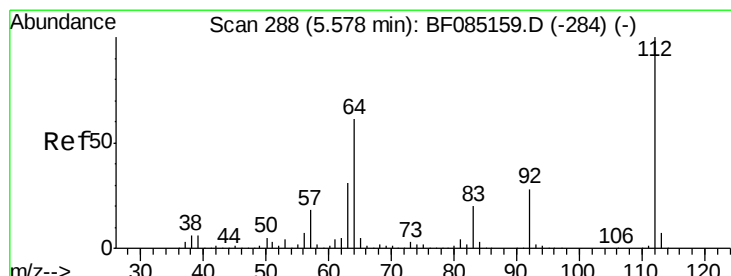
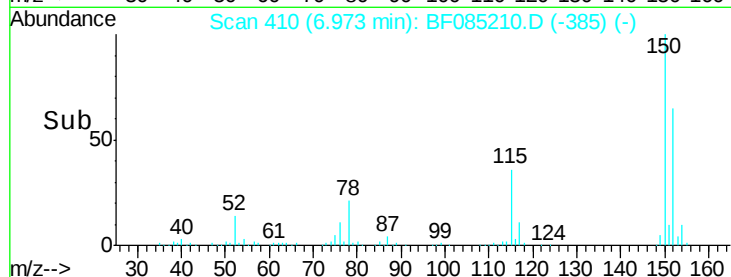
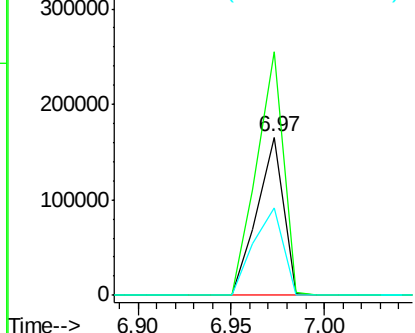
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.97 min Scan# 410
Delta R.T. -0.01 min
Lab File: BF085210.D
Acq: 4 Mar 2016 18:46

Instrument :
BNA_F
ClientSampleId :
PB88680BL

Tot Ion:152 Resp: 163099
Ion Ratio Lower Upper
152 100
150 153.8 124.6 186.8
115 55.3 46.6 70.0



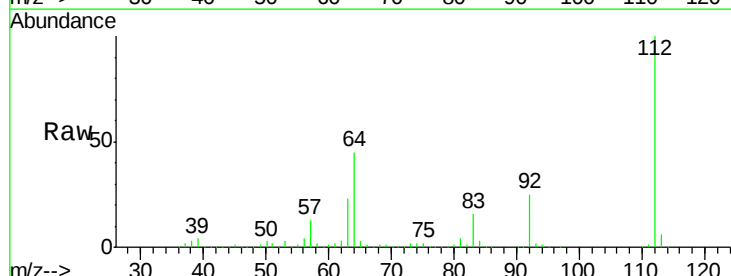
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



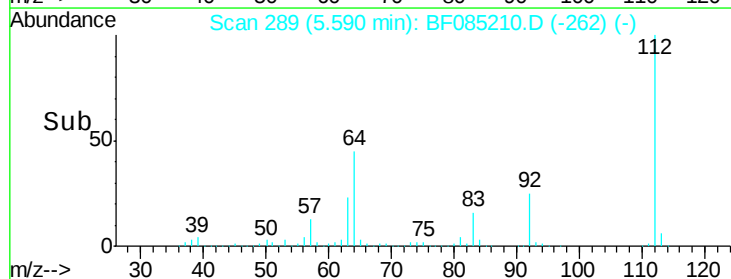
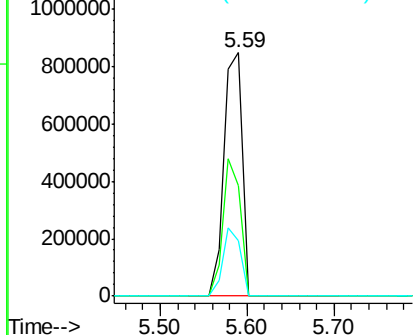
#5

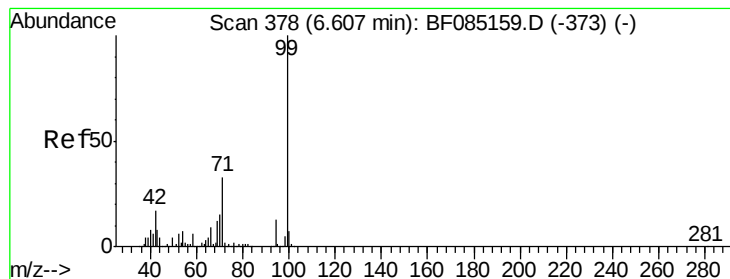
2-Fluorophenol
Concen: 127.54 ng
RT: 5.59 min Scan# 289
Delta R.T. 0.01 min
Lab File: BF085210.D
Acq: 4 Mar 2016 18:46

Tgt Ion:112 Resp: 1240162
Ion Ratio Lower Upper
112 100
64 45.5 49.0 73.4#
63 22.7 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: 117.00 ng

RT: 6.60 min Scan# 377

Delta R.T. -0.01 min

Lab File: BF085210.D

Acq: 4 Mar 2016 18:46

Instrument :

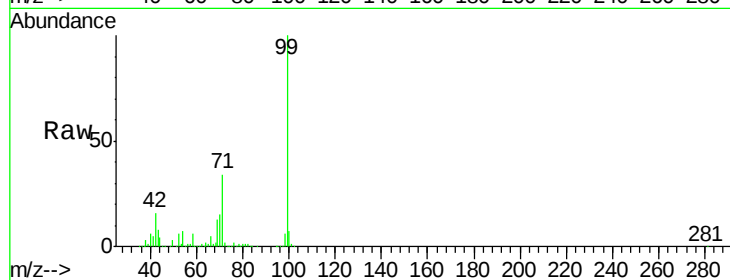
BNA_F

ClientSampleId :

PB88680BL

Tot Ion: 99 Resp: 1490437

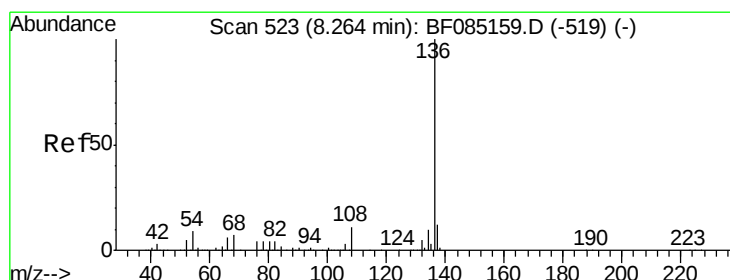
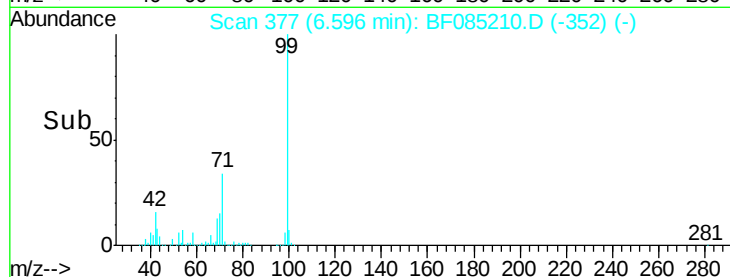
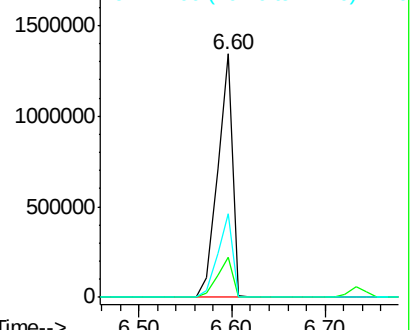
Ion	Ratio	Lower	Upper
99	100		
42	16.3	13.6	20.4
71	34.2	26.7	40.1



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: 8.25 min Scan# 522

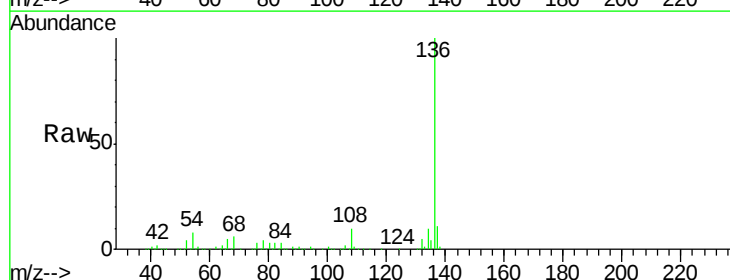
Delta R.T. -0.01 min

Lab File: BF085210.D

Acq: 4 Mar 2016 18:46

Tgt Ion: 136 Resp: 664858

Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.3	13.9
54	7.7	7.4	11.2
68	6.5	6.0	9.0

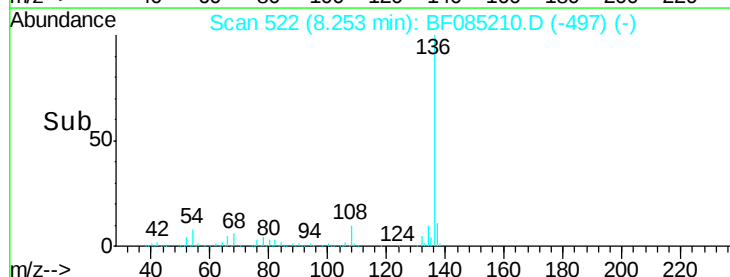
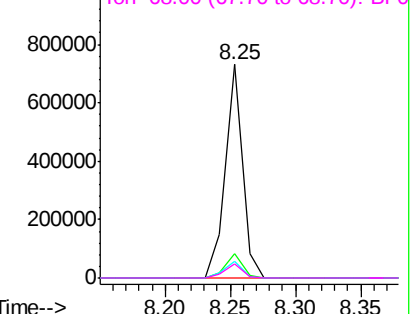


Abundance Ion 136.00 (135.70 to 136.70): E

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

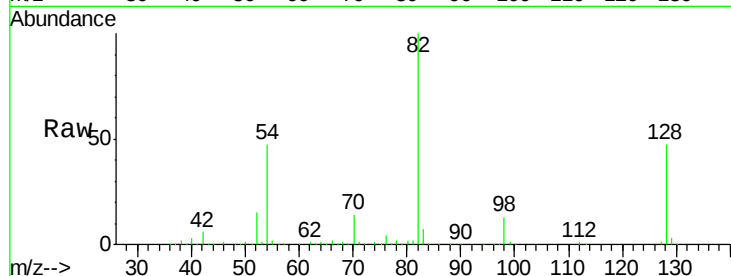




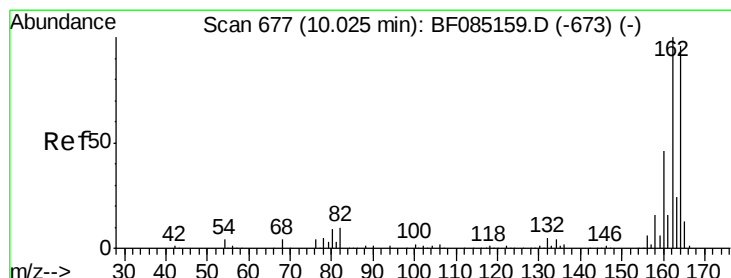
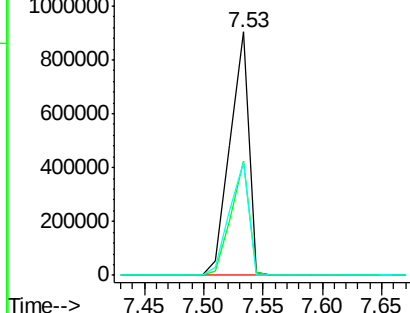
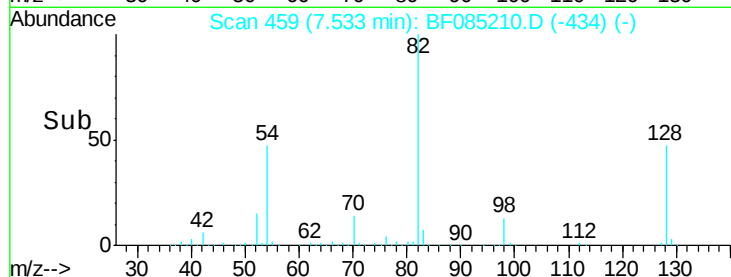
#23
 Nitrobenzene-d5
 Concen: 80.21 ng
 RT: 7.53 min Scan# 459
 Delta R.T. -0.01 min
 Lab File: BF085210.D
 Acq: 4 Mar 2016 18:46

Instrument :
 BNA_F
 ClientSampleId :
 PB88680BL

Tot Ion	82	Resp	996527
Ion Ratio	100	Lower	Upper
128	46.8	34.5	51.7
54	46.6	39.3	58.9

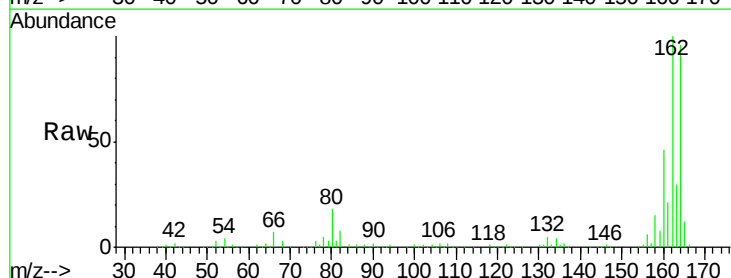


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

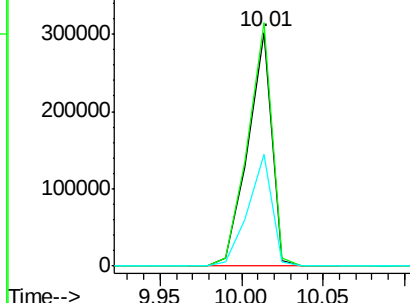
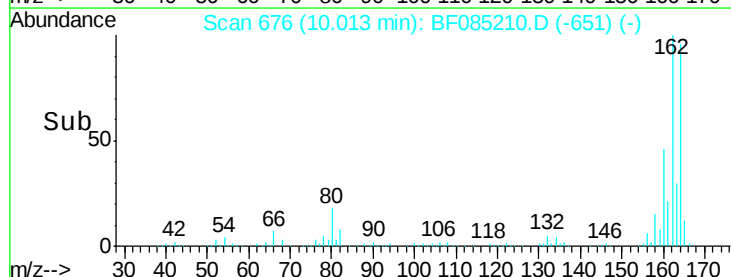


#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.01 min Scan# 676
 Delta R.T. -0.01 min
 Lab File: BF085210.D
 Acq: 4 Mar 2016 18:46

Tgt Ion	164	Resp	306878
Ion Ratio	100	Lower	Upper
162	104.3	83.3	124.9
160	47.6	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

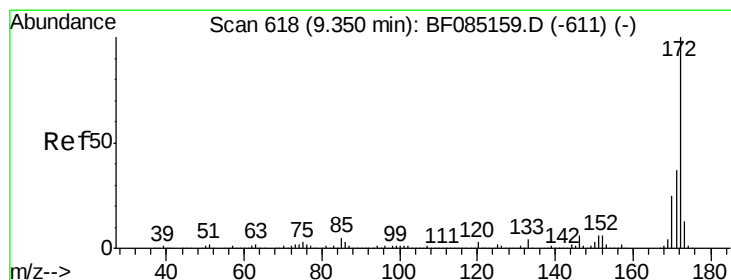
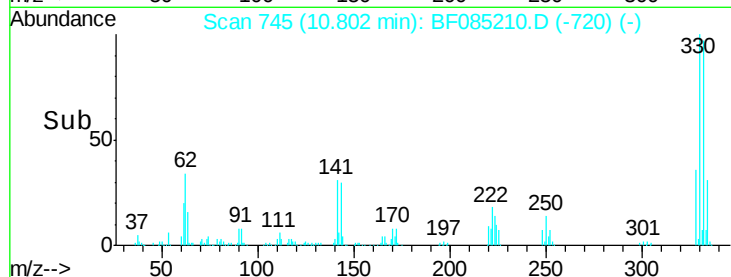
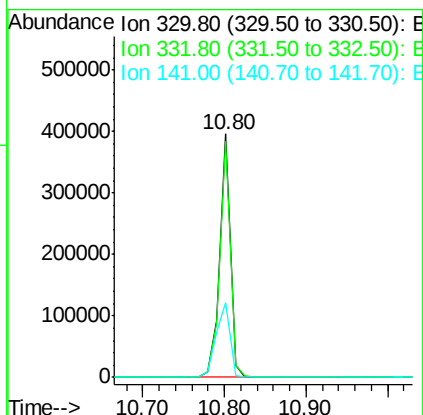
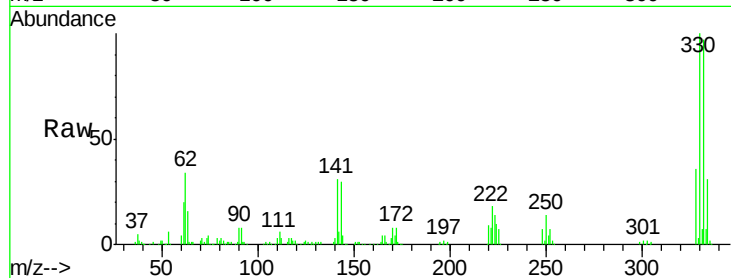




#41
 2,4,6-Tribromophenol
 Concen: 136.26 ng
 RT: 10.80 min Scan# 745
 Delta R.T. -0.01 min
 Lab File: BF085210.D
 Acq: 4 Mar 2016 18:46

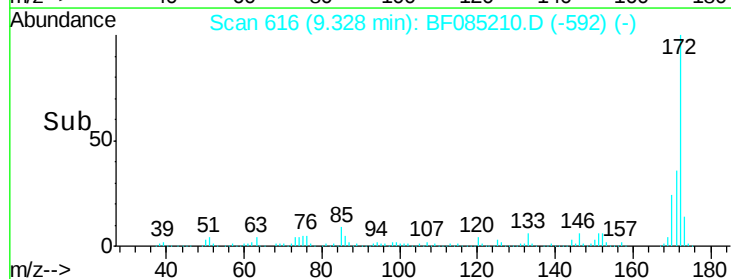
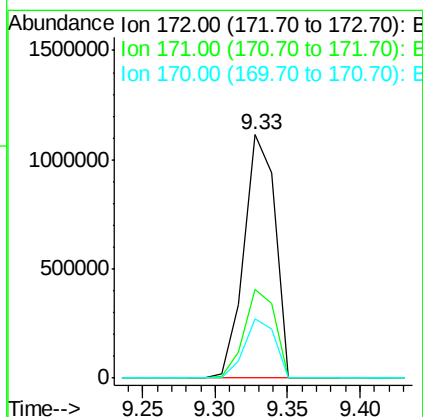
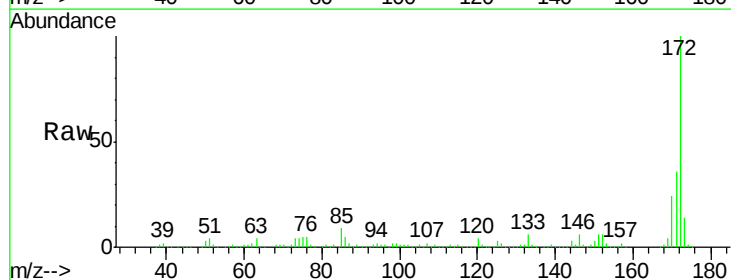
Instrument :
 BNA_F
 ClientSampleId :
 PB88680BL

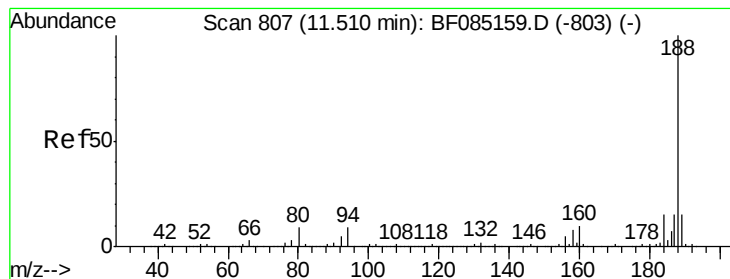
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.8	77.1	115.7
141	39.9	35.0	52.6



#44
 2-Fluorobiphenyl
 Concen: 82.22 ng
 RT: 9.33 min Scan# 616
 Delta R.T. -0.02 min
 Lab File: BF085210.D
 Acq: 4 Mar 2016 18:46

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.3	43.9
170	24.5	20.0	30.0





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.50 min Scan# 806

Delta R.T. -0.01 min

Lab File: BF085210.D

Acq: 4 Mar 2016 18:46

Instrument :

BNA_F

ClientSampleId :

PB88680BL

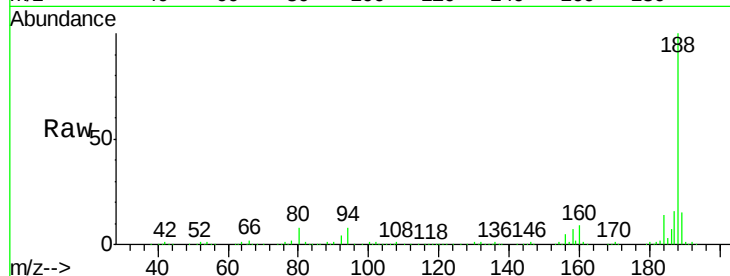
Tot Ion:188 Resp: 613208

Ion Ratio Lower Upper

188 100

94 7.7 7.0 10.6

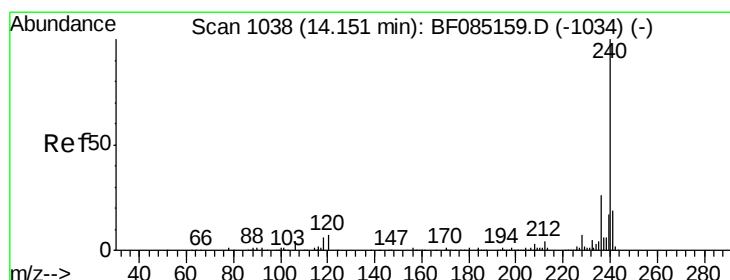
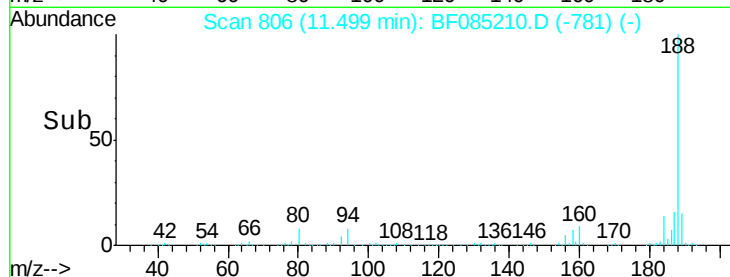
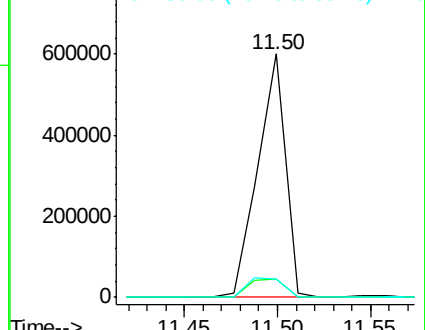
80 7.8 7.4 11.0



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: 14.13 min Scan# 1036

Delta R.T. -0.02 min

Lab File: BF085210.D

Acq: 4 Mar 2016 18:46

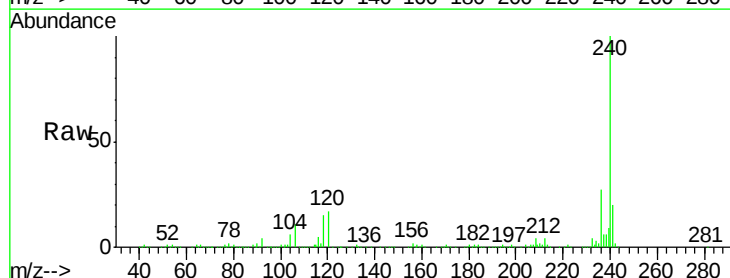
Tgt Ion:240 Resp: 406020

Ion Ratio Lower Upper

240 100

120 16.7 5.3 7.9#

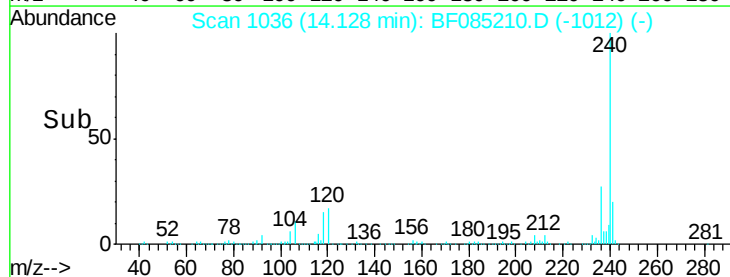
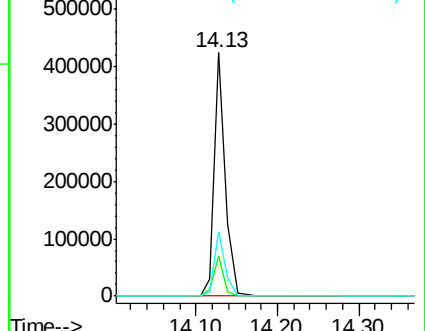
236 26.7 20.7 31.1

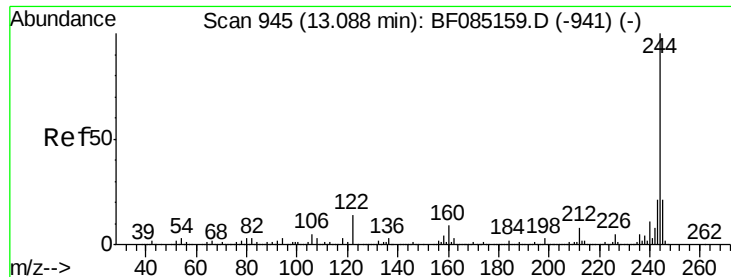


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 92.68 ng

RT: 13.09 min Scan# 945

Delta R.T. 0.00 min

Lab File: BF085210.D

Acq: 4 Mar 2016 18:46

Instrument :

BNA_F

ClientSampleId :

PB88680BL

Tot Ion:244 Resp: 1620974

Ion Ratio Lower Upper

244 100

212 6.8

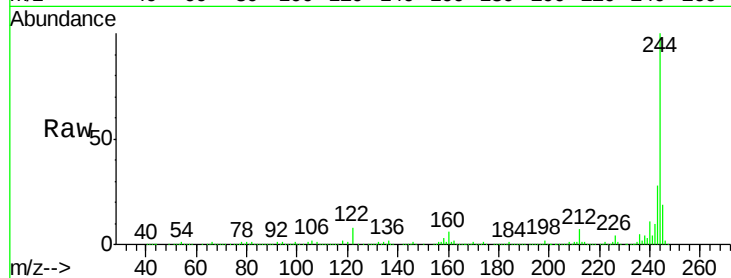
6.4

9.6

122 7.6

11.4

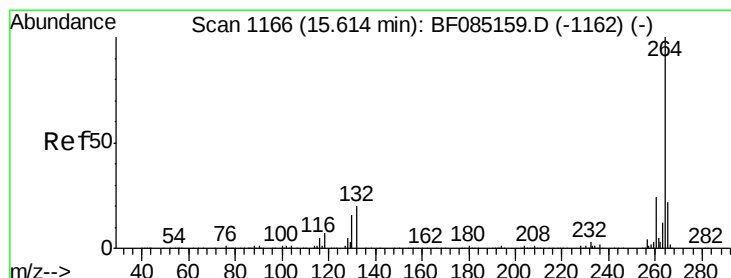
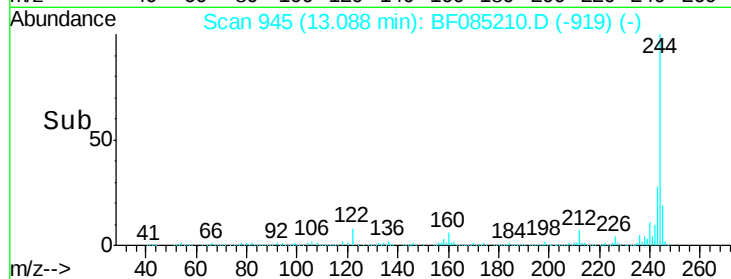
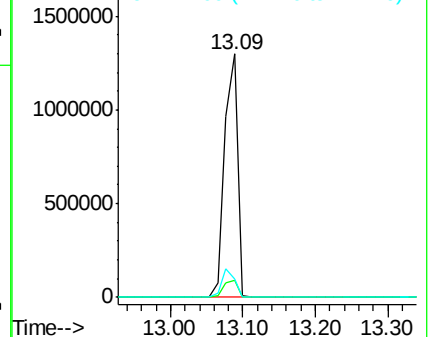
17.2#



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: 15.60 min Scan# 1165

Delta R.T. -0.01 min

Lab File: BF085210.D

Acq: 4 Mar 2016 18:46

Tgt Ion:264 Resp: 289159

Ion Ratio Lower Upper

264 100

260 24.2

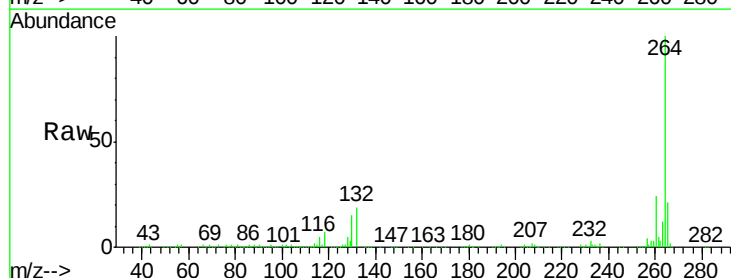
19.2

28.8

265 21.3

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

