

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031416\
 Data File : BF085428.D
 Acq On : 14 Mar 2016 14:54
 Operator : UM/SJ
 Sample : PB88829BL
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB88829BL

Quant Time: Mar 15 02:06:42 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	6.93	152	159320	20.00	ng	-0.06
21) Naphthalene-d8	8.21	136	663265	20.00	ng	-0.06
38) Acenaphthene-d10	9.97	164	307815	20.00	ng	-0.06
63) Phenanthrene-d10	11.45	188	553129	20.00	ng	-0.06
75) Chrysene-d12	14.08	240	296434	20.00	ng	-0.07
86) Perylene-d12	15.55	264	267466	20.00	ng	-0.07
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	696061	73.28	ng	-0.05
7) Phenol-d6	6.55	99	931177	74.83	ng	-0.06
23) Nitrobenzene-d5	7.49	82	787994	63.57	ng	-0.06
41) 2,4,6-Tribromophenol	10.76	330	177748	67.49	ng	-0.06
44) 2-Fluorobiphenyl	9.28	172	1206101	59.59	ng	-0.07
78) Terphenyl-d14	13.03	244	997083	78.08	ng	-0.06

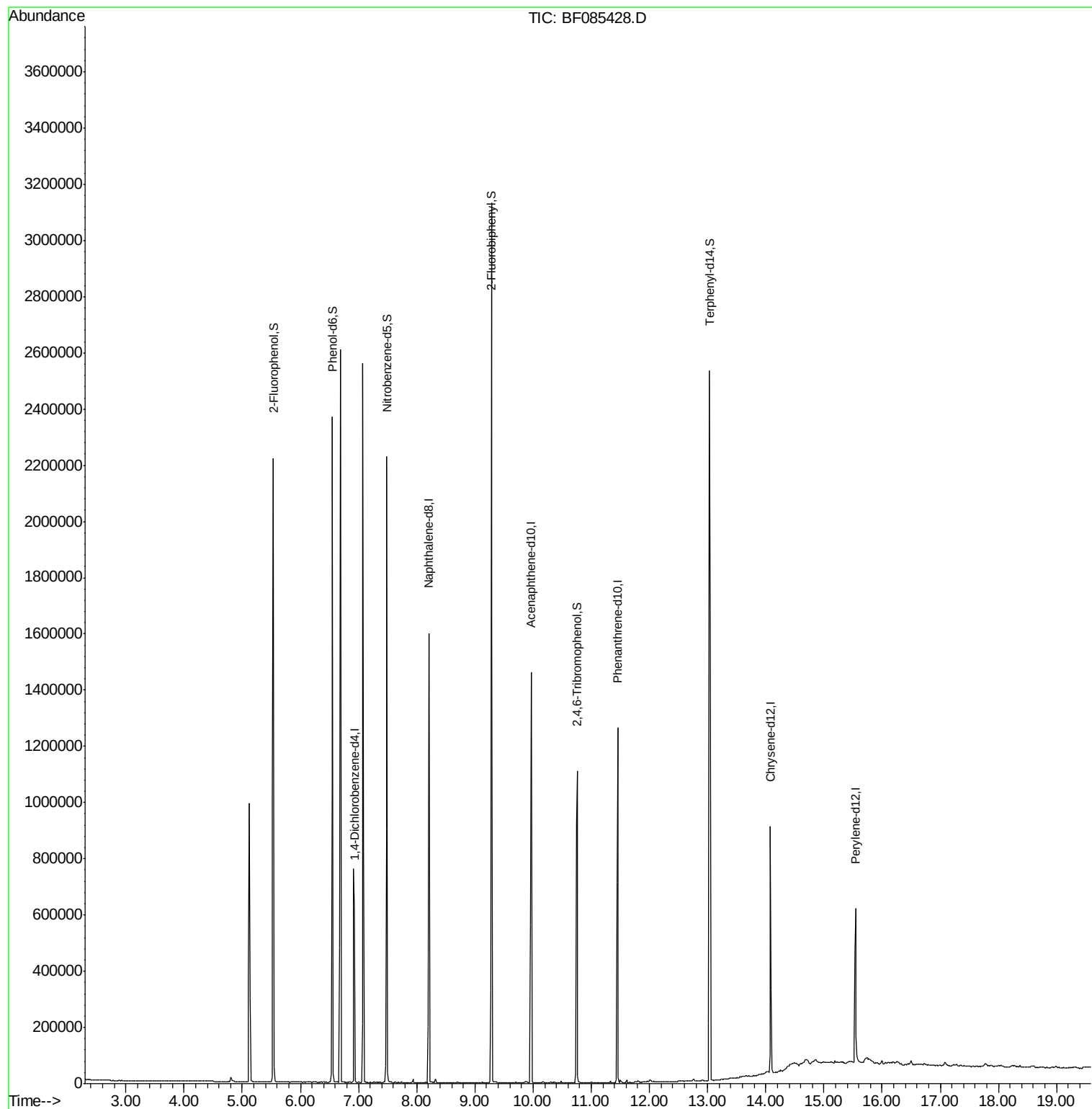
Target Compounds	Qvalue
------------------	--------

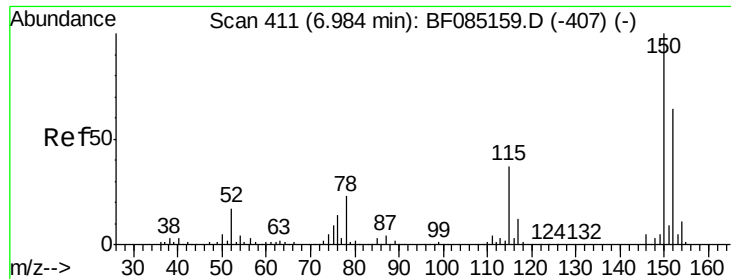
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031416\
Data File : BF085428.D
Acq On : 14 Mar 2016 14:54
Operator : UM/SJ
Sample : PB88829BL
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB88829BL

Quant Time: Mar 15 02:06:42 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



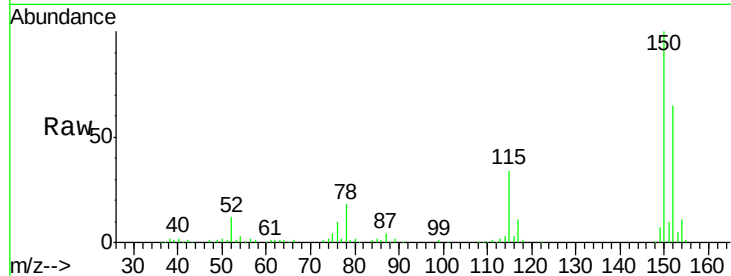


#1

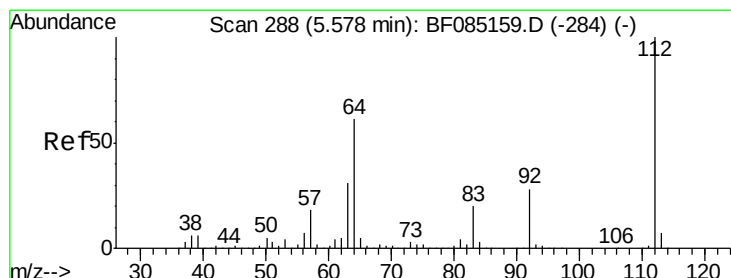
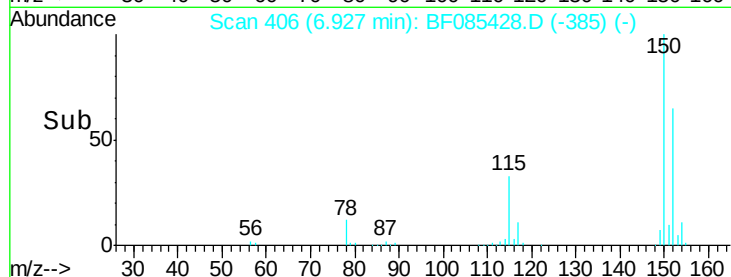
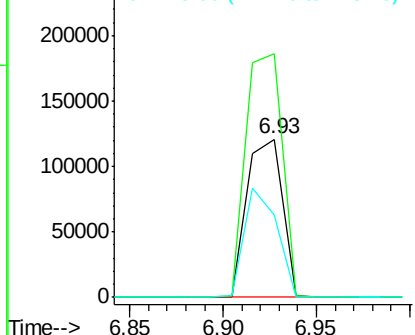
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.93 min Scan# 406
Delta R.T. -0.06 min
Lab File: BF085428.D
Acq: 14 Mar 2016 14:54

Instrument :
BNA_F
ClientSampleId :
PB88829BL

Tgt Ion:152 Resp: 159320
Ion Ratio Lower Upper
152 100
150 154.1 124.6 186.8
115 52.0 46.6 70.0



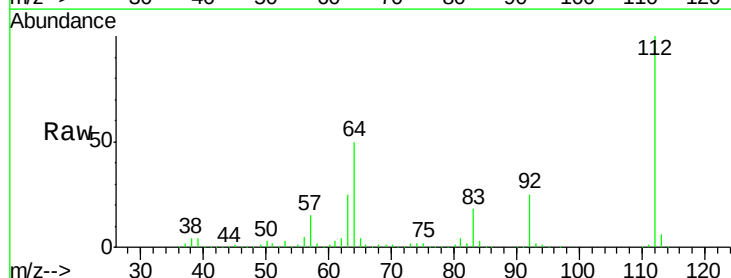
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



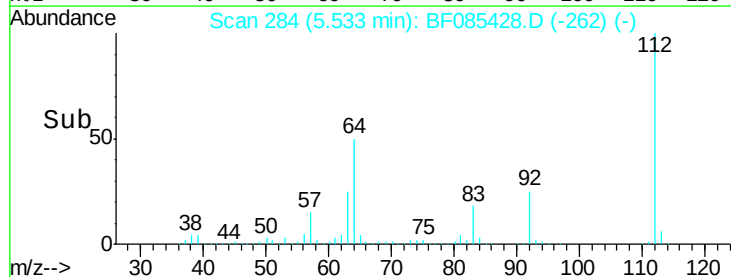
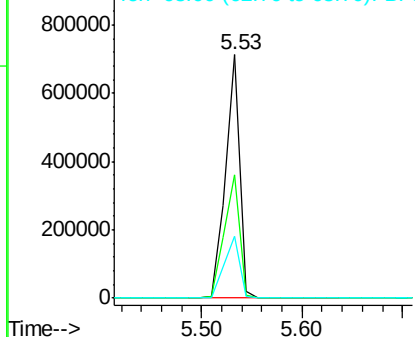
#5

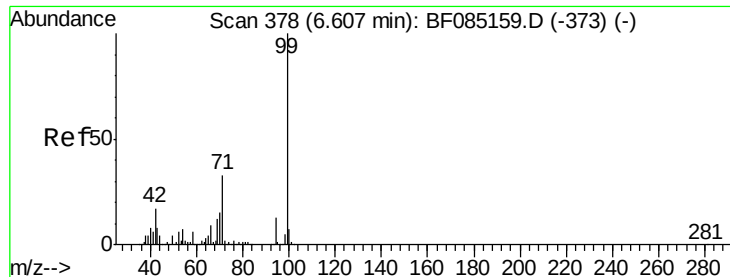
2-Fluorophenol
Concen: 73.28 ng
RT: 5.53 min Scan# 284
Delta R.T. -0.05 min
Lab File: BF085428.D
Acq: 14 Mar 2016 14:54

Tgt Ion:112 Resp: 696061
Ion Ratio Lower Upper
112 100
64 50.4 49.0 73.4
63 25.4 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: 74.83 ng

RT: 6.55 min Scan# 373

Delta R.T. -0.06 min

Lab File: BF085428.D

Acq: 14 Mar 2016 14:54

Instrument :

BNA_F

ClientSampleId :

PB88829BL

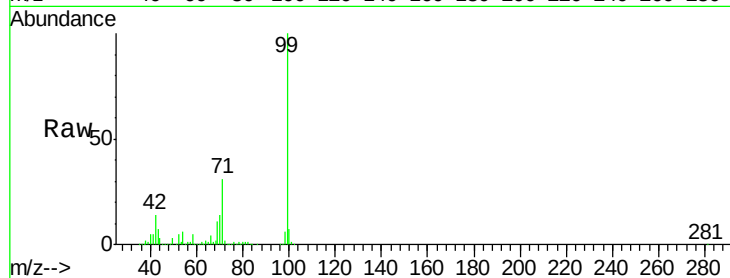
Tgt Ion: 99 Resp: 931177

Ion Ratio Lower Upper

99 100

42 14.2 13.6 20.4

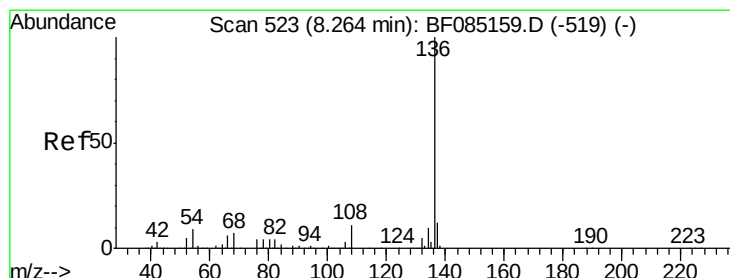
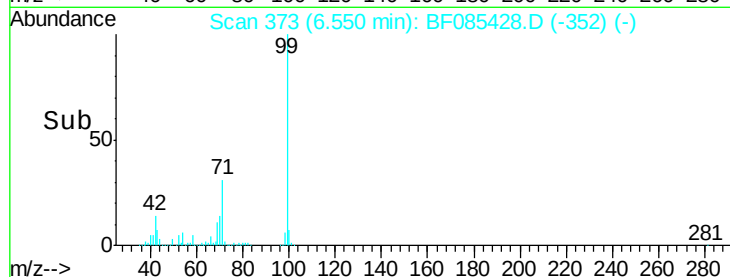
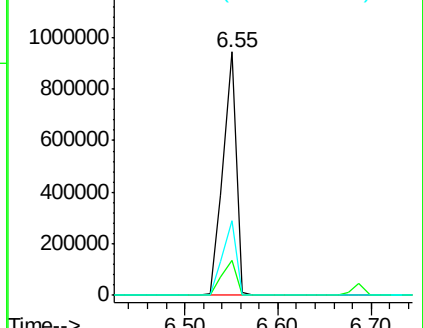
71 30.9 26.7 40.1



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: 8.21 min Scan# 518

Delta R.T. -0.06 min

Lab File: BF085428.D

Acq: 14 Mar 2016 14:54

Tgt Ion: 136 Resp: 663265

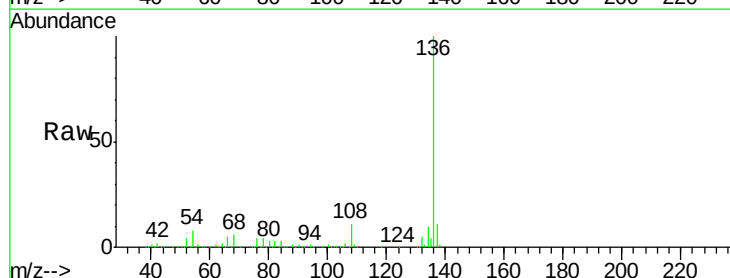
Ion Ratio Lower Upper

136 100

137 10.9 9.3 13.9

54 7.6 7.4 11.2

68 6.3 6.0 9.0

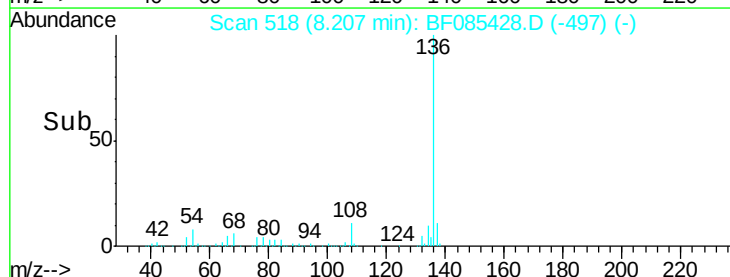
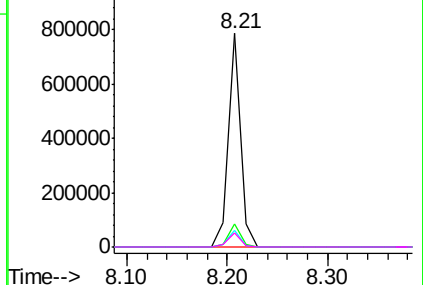


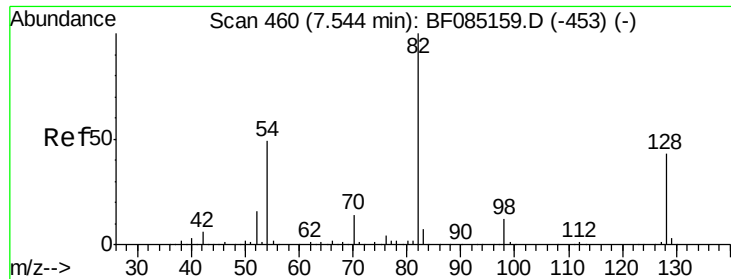
Abundance Ion 136.00 (135.70 to 136.70): E

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

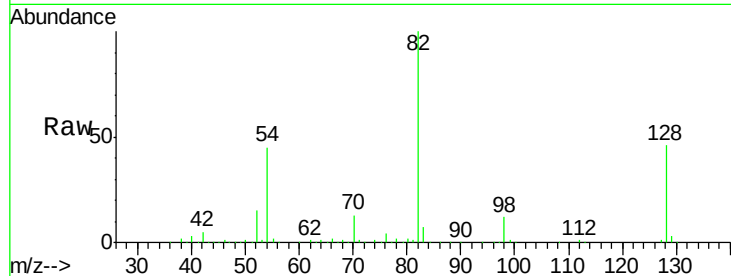




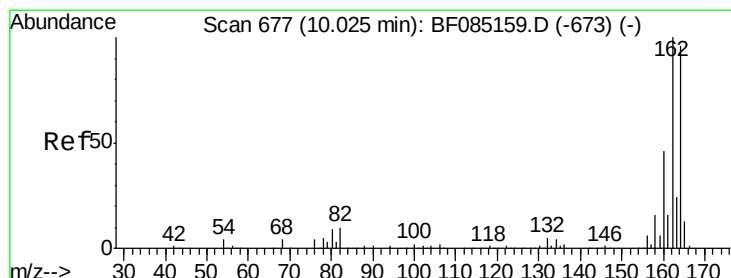
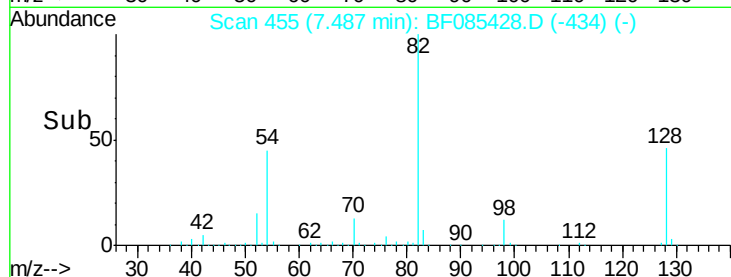
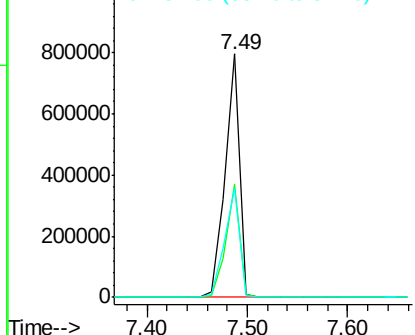
#23
 Nitrobenzene-d5
 Concen: 63.57 ng
 RT: 7.49 min Scan# 455
 Delta R.T. -0.06 min
 Lab File: BF085428.D
 Acq: 14 Mar 2016 14:54

Instrument :
 BNA_F
 ClientSampleId :
 PB88829BL

Tgt Ion	Ratio	Lower	Upper
82	100		
128	46.4	34.5	51.7
54	44.6	39.3	58.9

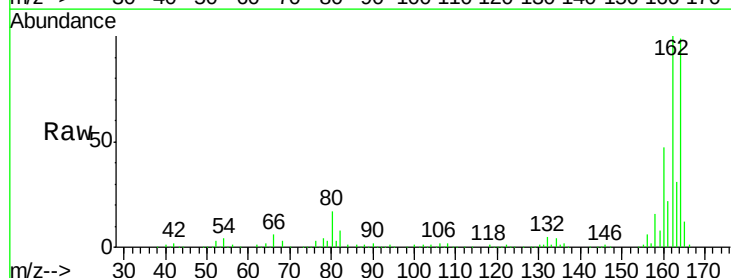


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

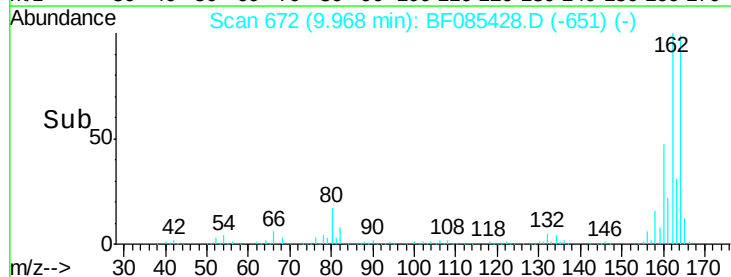
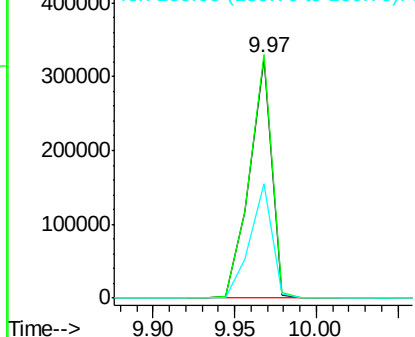


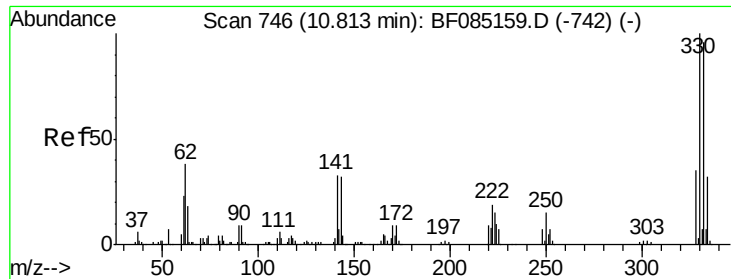
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.97 min Scan# 672
 Delta R.T. -0.06 min
 Lab File: BF085428.D
 Acq: 14 Mar 2016 14:54

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.5	83.3	124.9
160	47.8	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

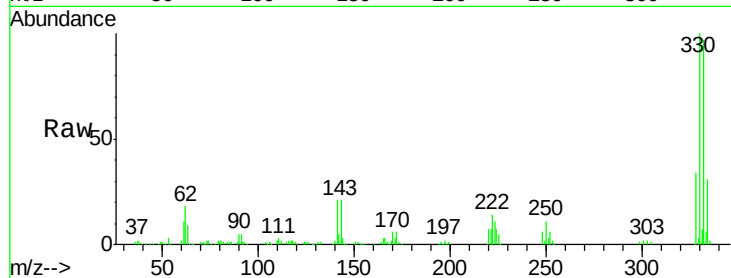




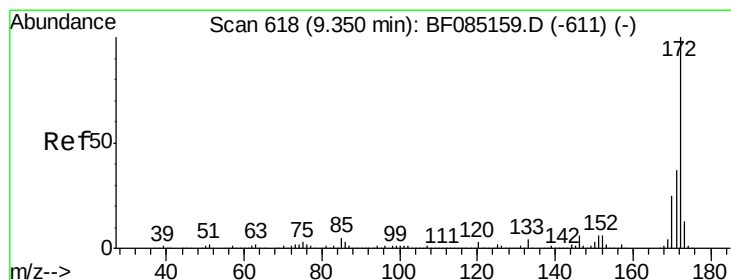
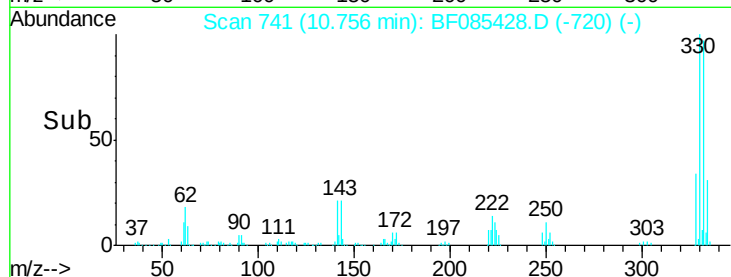
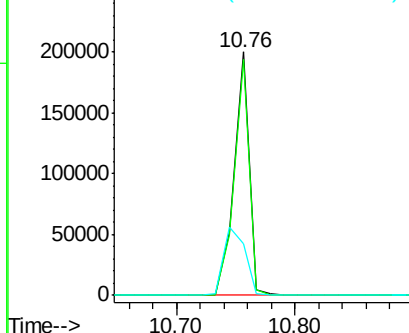
#41
 2,4,6-Tribromophenol
 Concen: 67.49 ng
 RT: 10.76 min Scan# 741
 Delta R.T. -0.06 min
 Lab File: BF085428.D
 Acq: 14 Mar 2016 14:54

Instrument :
 BNA_F
 ClientSampleId :
 PB88829BL

Tgt Ion:330 Resp: 177748
 Ion Ratio Lower Upper
 330 100
 332 96.7 77.1 115.7
 141 39.5 35.0 52.6

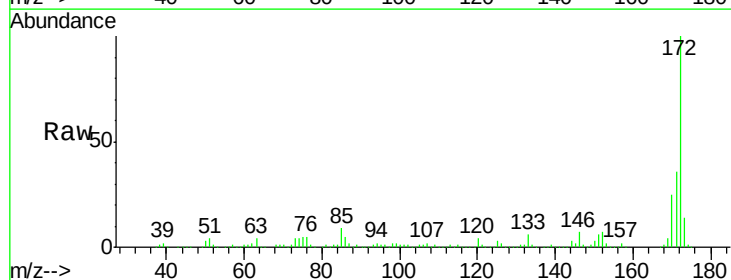


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

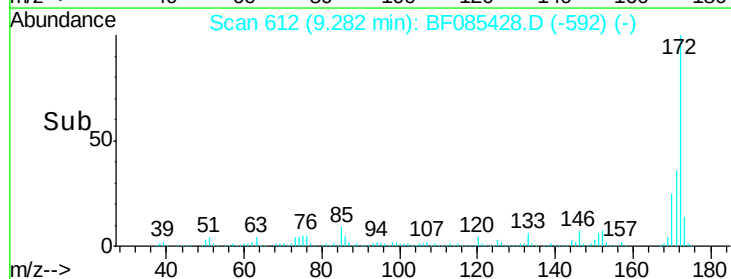
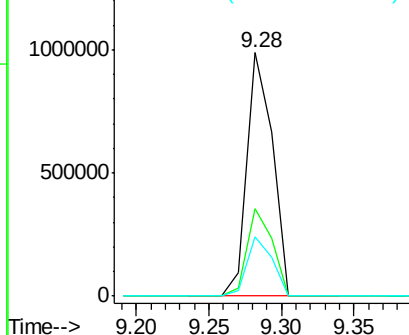


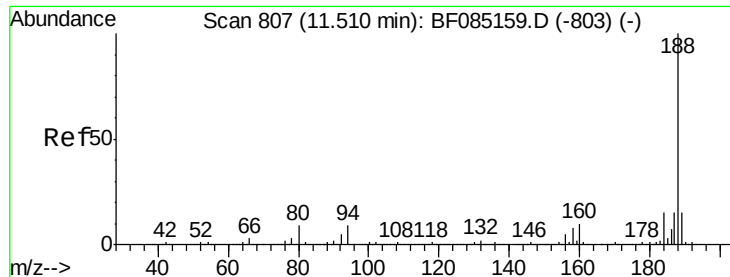
#44
 2-Fluorobiphenyl
 Concen: 59.59 ng
 RT: 9.28 min Scan# 612
 Delta R.T. -0.07 min
 Lab File: BF085428.D
 Acq: 14 Mar 2016 14:54

Tgt Ion:172 Resp: 1206101
 Ion Ratio Lower Upper
 172 100
 171 36.2 29.3 43.9
 170 24.6 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

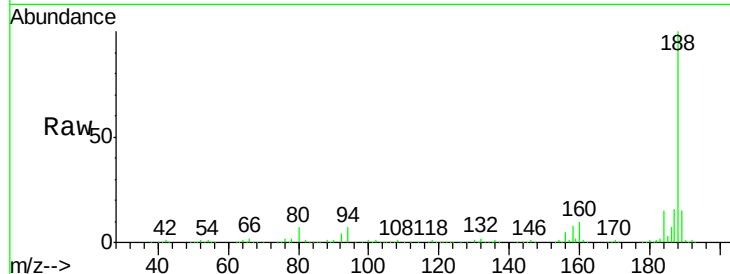




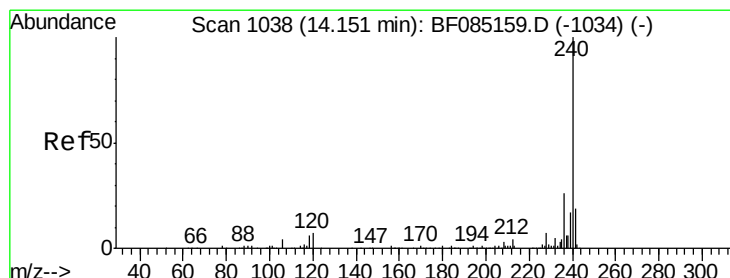
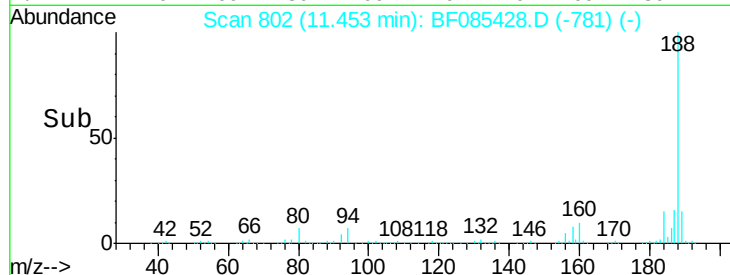
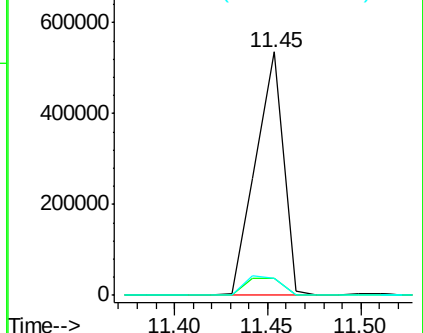
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.45 min Scan# 802
Delta R.T. -0.06 min
Lab File: BF085428.D
Acq: 14 Mar 2016 14:54

Instrument :
BNA_F
ClientSampleId :
PB88829BL

Tgt Ion:188 Resp: 553129
Ion Ratio Lower Upper
188 100
94 7.1 7.0 10.6
80 6.9 7.4 11.0#

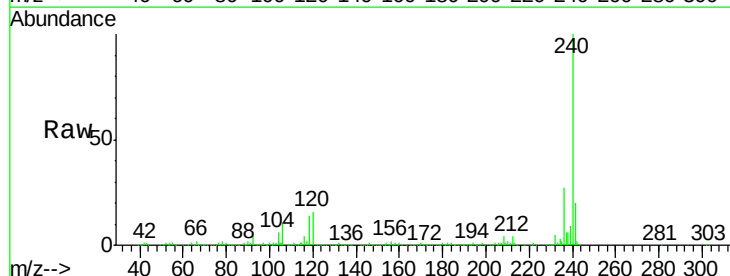


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

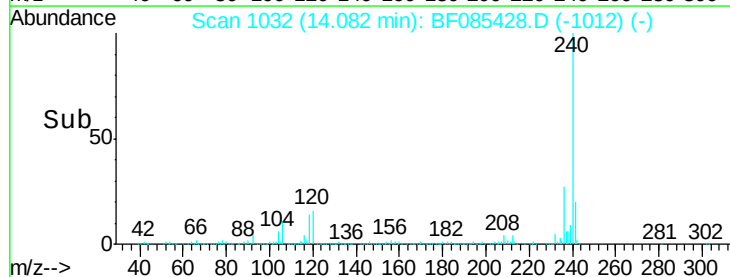
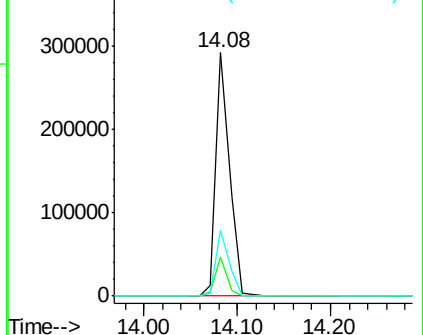


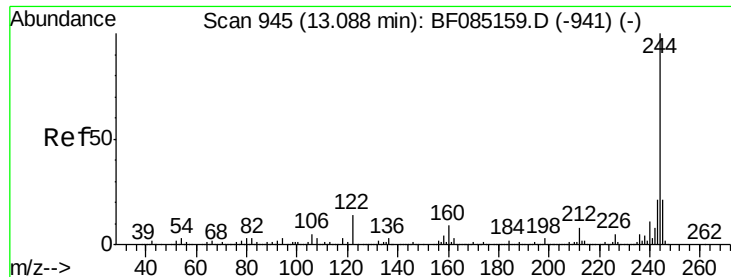
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.08 min Scan# 1032
Delta R.T. -0.07 min
Lab File: BF085428.D
Acq: 14 Mar 2016 14:54

Tgt Ion:240 Resp: 296434
Ion Ratio Lower Upper
240 100
120 16.2 5.3 7.9#
236 26.9 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: 78.08 ng

RT: 13.03 min Scan# 940

Delta R.T. -0.06 min

Lab File: BF085428.D

Acq: 14 Mar 2016 14:54

Instrument :

BNA_F

ClientSampleId :

PB88829BL

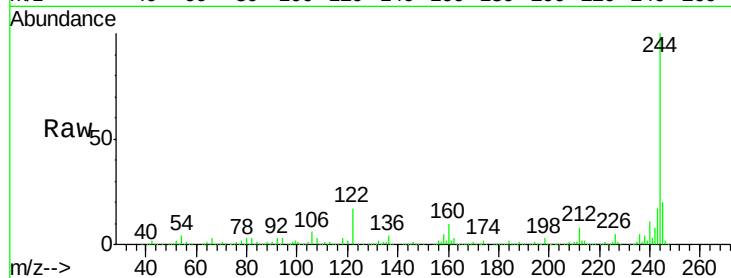
Tgt Ion:244 Resp: 997083

Ion Ratio Lower Upper

244 100

212 8.1 6.4 9.6

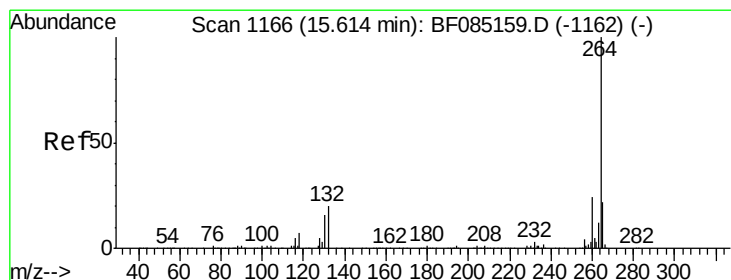
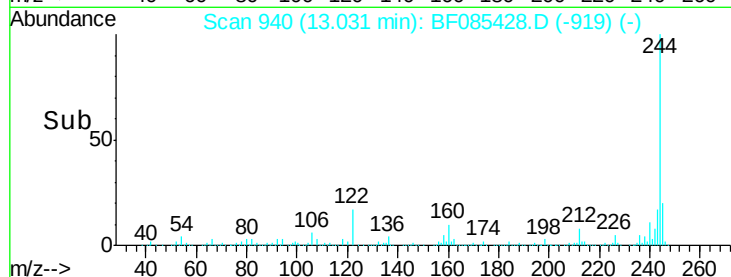
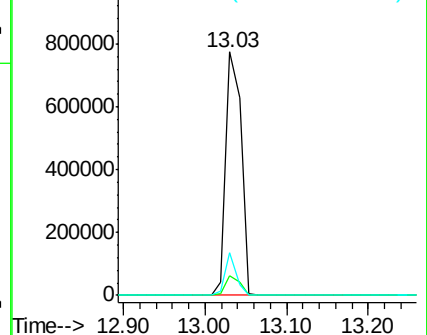
122 17.3 11.4 17.2#



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: 15.55 min Scan# 1160

Delta R.T. -0.07 min

Lab File: BF085428.D

Acq: 14 Mar 2016 14:54

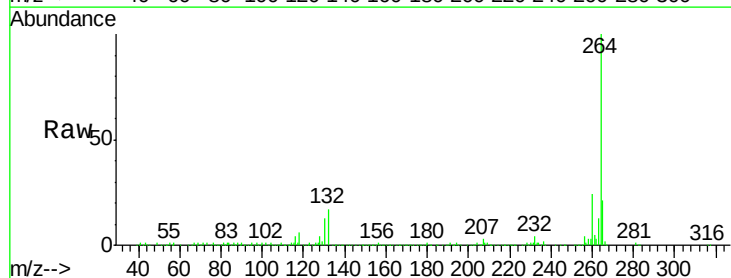
Tgt Ion:264 Resp: 267466

Ion Ratio Lower Upper

264 100

260 23.9 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

