

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030816\
 Data File : BF085255.D
 Acq On : 8 Mar 2016 14:59
 Operator : UM/SJ
 Sample : PB88757BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB88757BL

Quant Time: Mar 09 00:14:55 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	6.96	152	151990	20.00	ng	-0.02
21) Naphthalene-d8	8.24	136	581595	20.00	ng	-0.02
38) Acenaphthene-d10	10.00	164	280504	20.00	ng	-0.02
63) Phenanthrene-d10	11.49	188	556574	20.00	ng	-0.02
75) Chrysene-d12	14.12	240	413631	20.00	ng	-0.03
86) Perylene-d12	15.59	264	322700	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.57	112	971625	107.23	ng	-0.01
7) Phenol-d6	6.58	99	1360919	114.64	ng	-0.02
23) Nitrobenzene-d5	7.52	82	861997	79.31	ng	-0.02
41) 2,4,6-Tribromophenol	10.79	330	298197	124.24	ng	-0.02
44) 2-Fluorobiphenyl	9.33	172	1456937	78.99	ng	-0.02
78) Terphenyl-d14	13.08	244	1482873	83.22	ng	-0.01

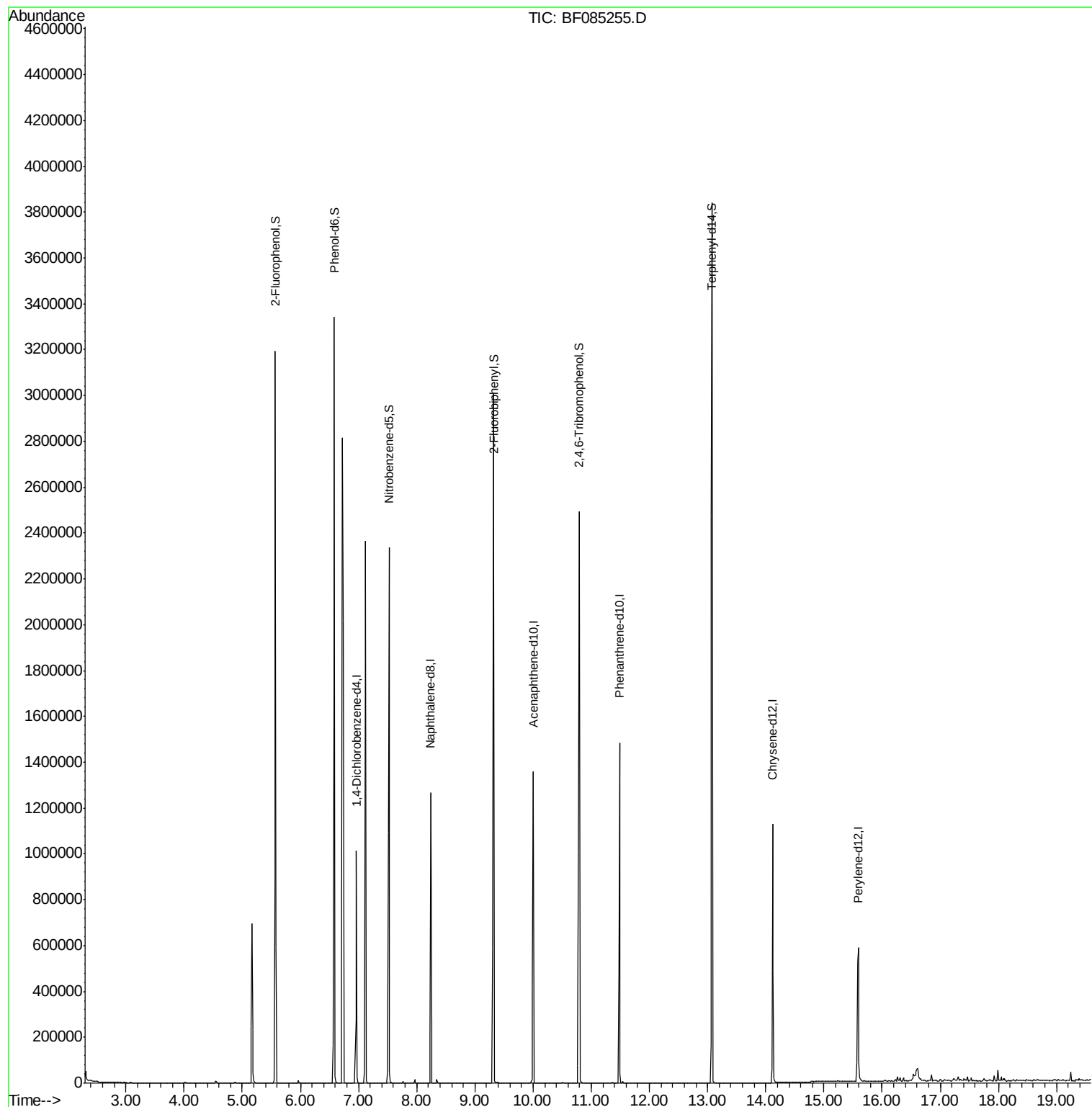
Target Compounds	Qvalue
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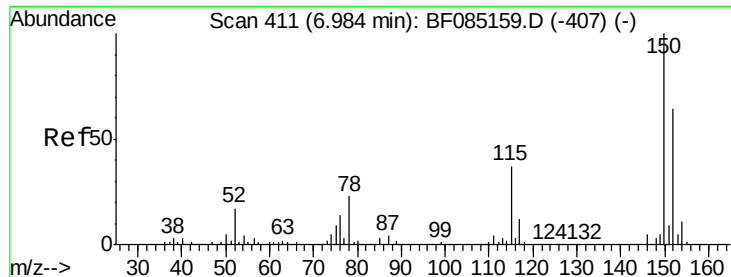
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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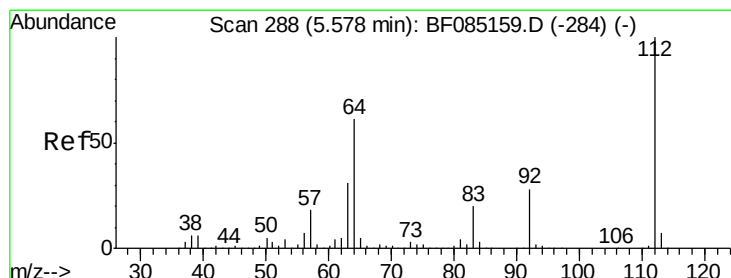
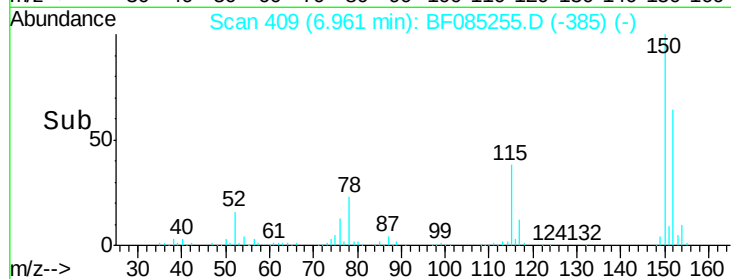
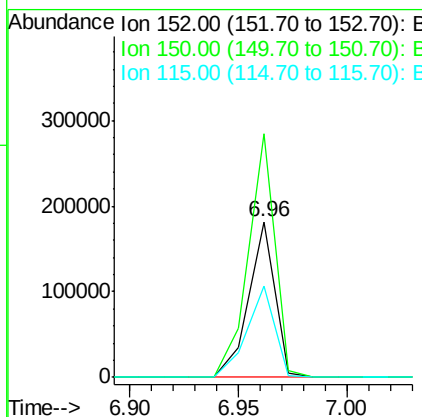
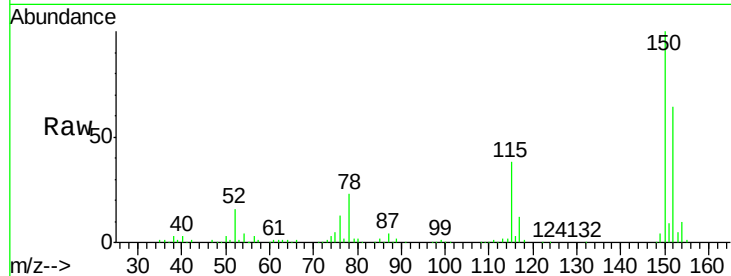




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.96 min Scan# 409
 Delta R.T. -0.02 min
 Lab File: BF085255.D
 Acq: 8 Mar 2016 14:59

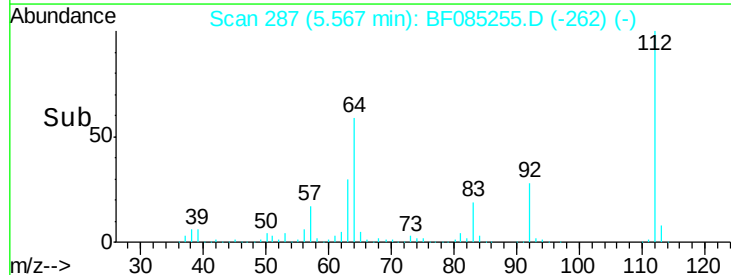
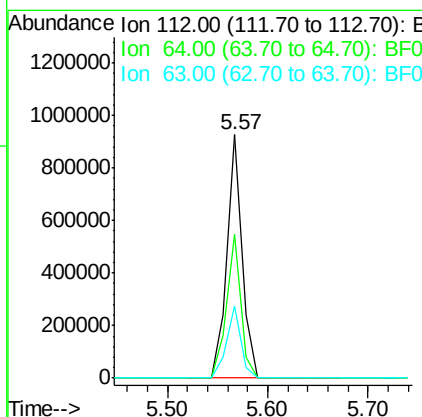
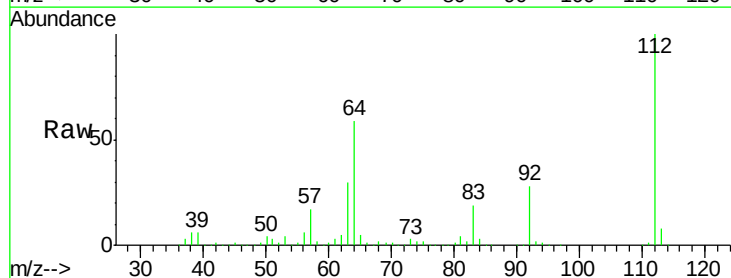
Instrument :
 BNA_F
 ClientSampleId :
 PB88757BL

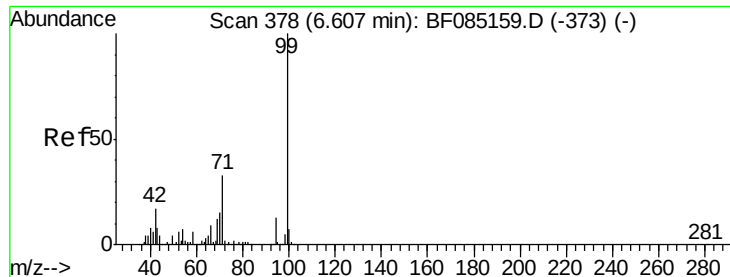
Tgt Ion:152 Resp: 151990
 Ion Ratio Lower Upper
 152 100
 150 156.7 124.6 186.8
 115 59.2 46.6 70.0



#5
 2-Fluorophenol
 Concen: 107.23 ng
 RT: 5.57 min Scan# 287
 Delta R.T. -0.01 min
 Lab File: BF085255.D
 Acq: 8 Mar 2016 14:59

Tgt Ion:112 Resp: 971625
 Ion Ratio Lower Upper
 112 100
 64 59.1 49.0 73.4
 63 29.9 24.8 37.2





#7

Phenol-d6

Concen: 114.64 ng

RT: 6.58 min Scan# 376

Delta R.T. -0.02 min

Lab File: BF085255.D

Acq: 8 Mar 2016 14:59

Instrument :

BNA_F

ClientSampleId :

PB88757BL

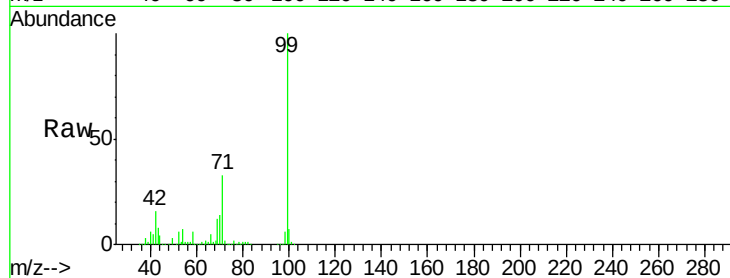
Tgt Ion: 99 Resp: 1360919

Ion Ratio Lower Upper

99 100

42 15.6 13.6 20.4

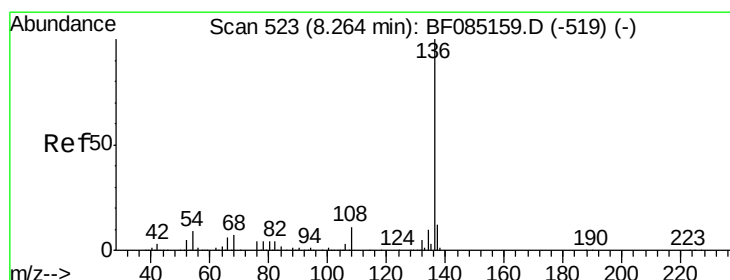
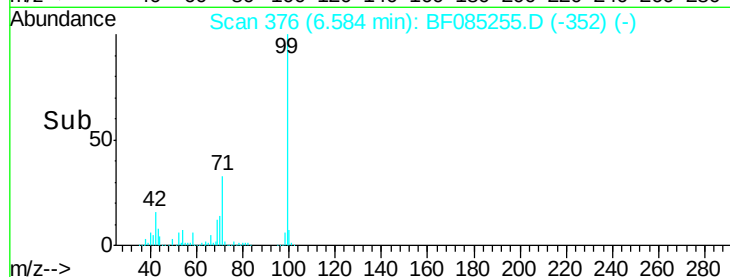
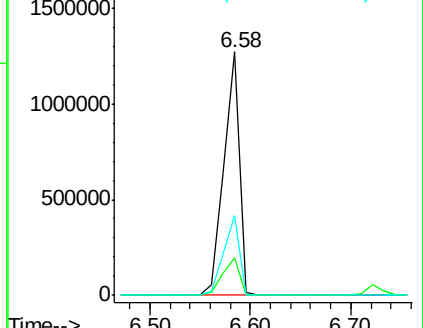
71 32.6 26.7 40.1



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: 8.24 min Scan# 521

Delta R.T. -0.02 min

Lab File: BF085255.D

Acq: 8 Mar 2016 14:59

Tgt Ion: 136 Resp: 581595

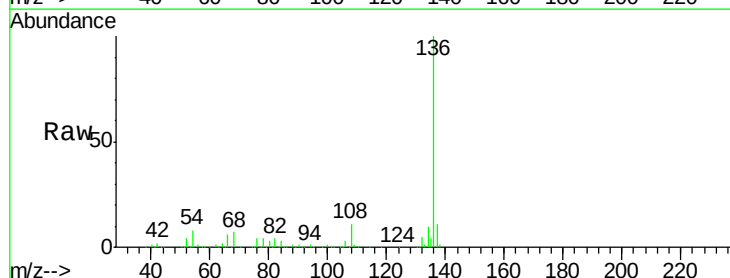
Ion Ratio Lower Upper

136 100

137 11.4 9.3 13.9

54 8.2 7.4 11.2

68 6.7 6.0 9.0

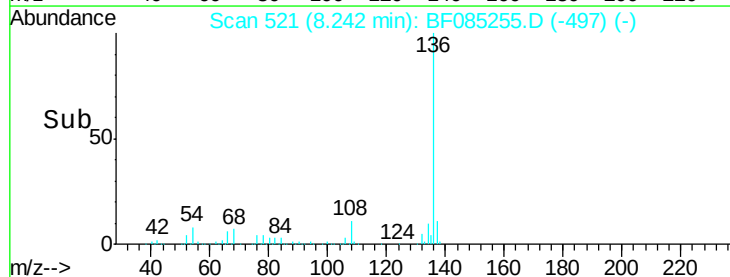
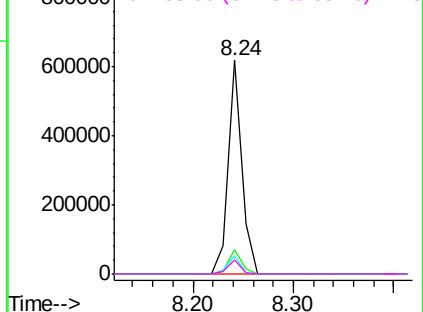


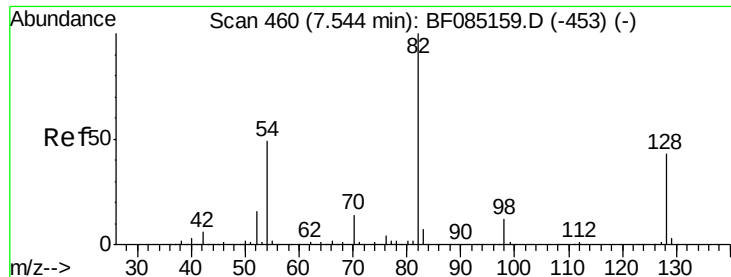
Abundance Ion 136.00 (135.70 to 136.70): E

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

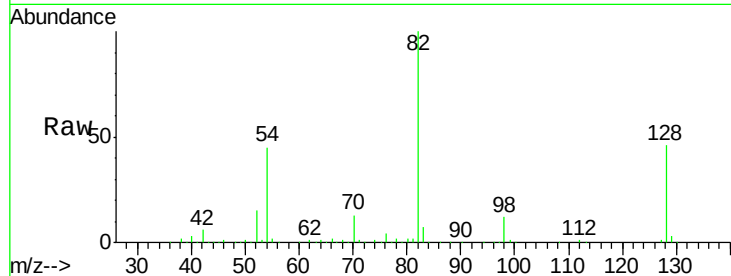




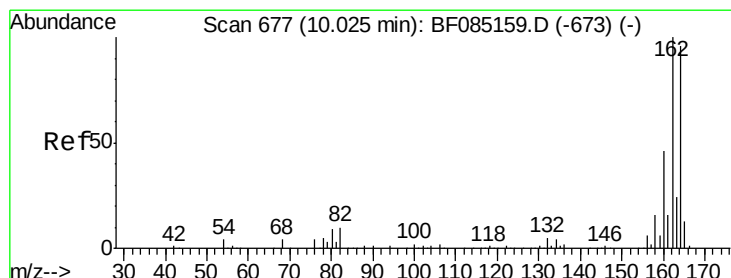
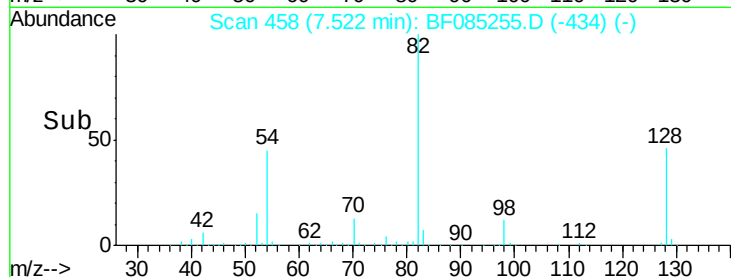
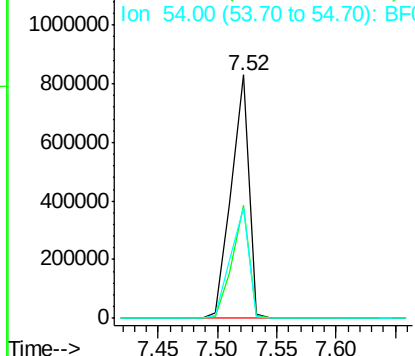
#23
 Nitrobenzene-d5
 Concen: 79.31 ng
 RT: 7.52 min Scan# 458
 Delta R.T. -0.02 min
 Lab File: BF085255.D
 Acq: 8 Mar 2016 14:59

Instrument :
 BNA_F
 ClientSampled :
 PB88757BL

Tgt Ion	Ratio	Lower	Upper
82	100		
128	46.4	34.5	51.7
54	45.4	39.3	58.9

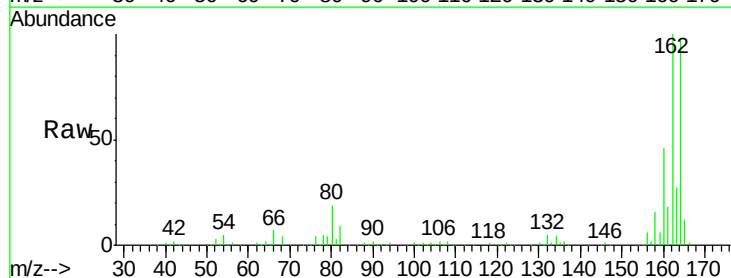


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

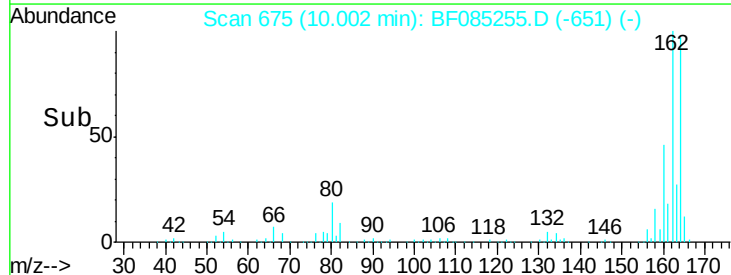
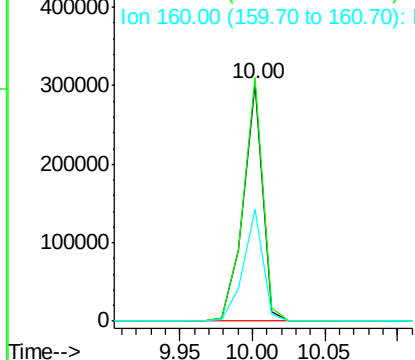


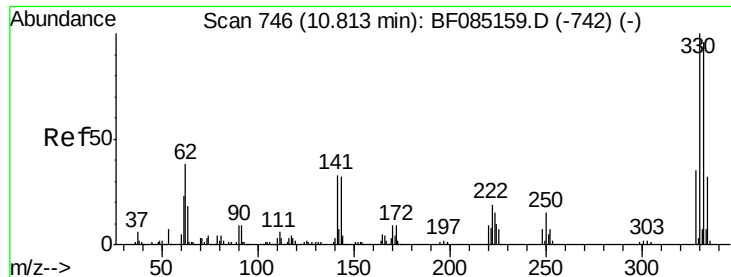
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.00 min Scan# 675
 Delta R.T. -0.02 min
 Lab File: BF085255.D
 Acq: 8 Mar 2016 14:59

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.6	83.3	124.9
160	46.9	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

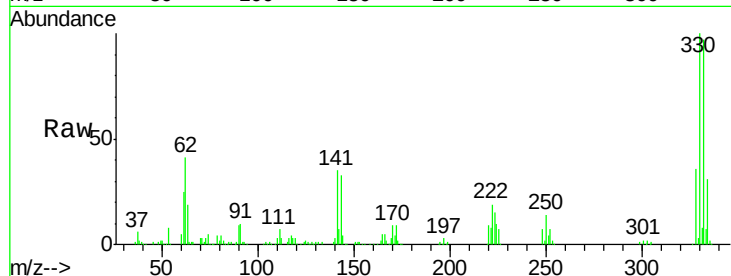




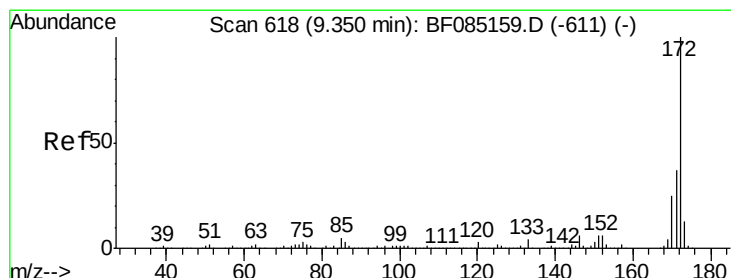
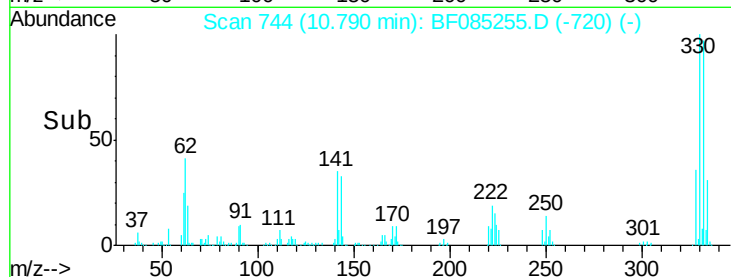
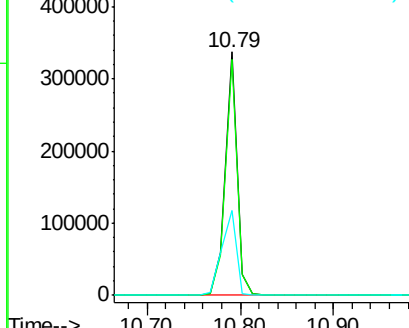
#41
 2,4,6-Tribromophenol
 Concen: 124.24 ng
 RT: 10.79 min Scan# 744
 Delta R.T. -0.02 min
 Lab File: BF085255.D
 Acq: 8 Mar 2016 14:59

Instrument :
 BNA_F
 ClientSampleId :
 PB88757BL

Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.0	77.1	115.7
141	42.5	35.0	52.6

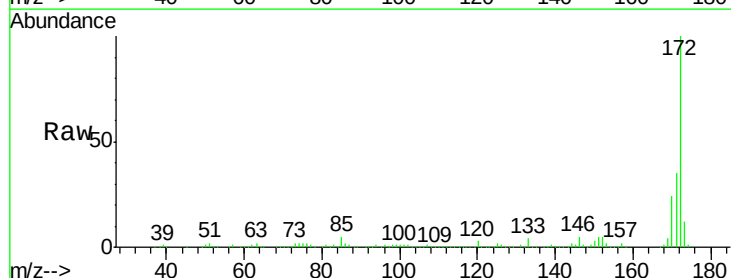


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

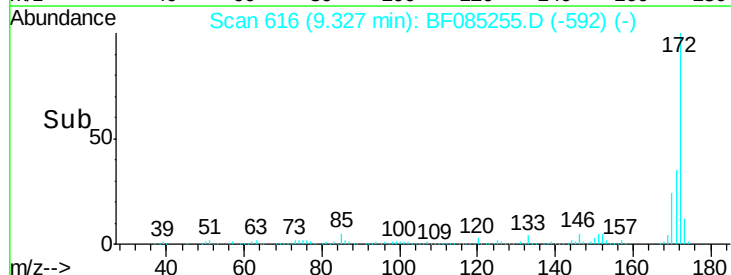
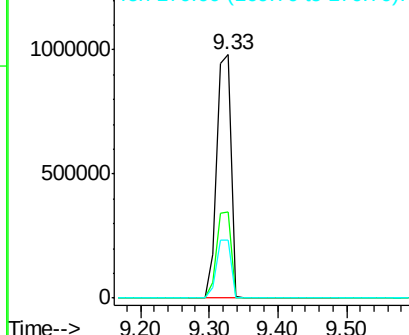


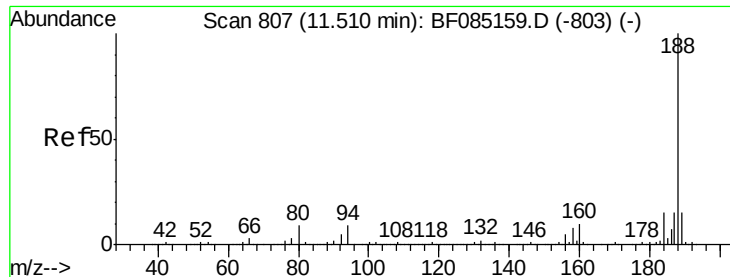
#44
 2-Fluorobiphenyl
 Concen: 78.99 ng
 RT: 9.33 min Scan# 616
 Delta R.T. -0.02 min
 Lab File: BF085255.D
 Acq: 8 Mar 2016 14:59

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.5	29.3	43.9
170	24.0	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

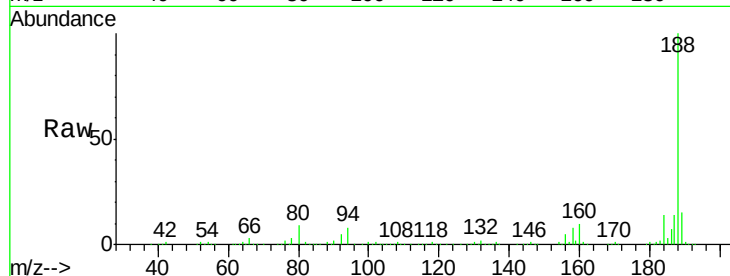




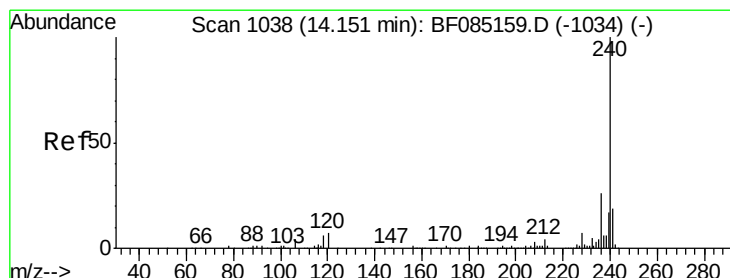
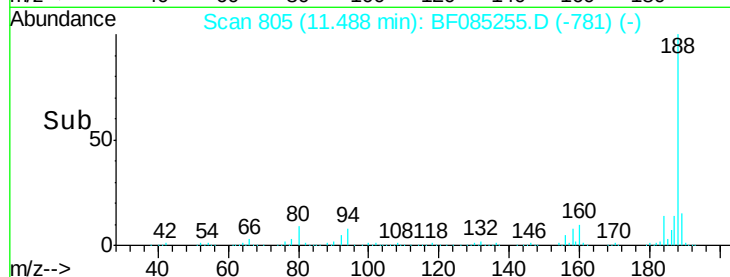
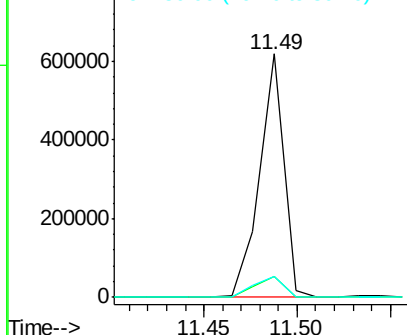
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.49 min Scan# 805
Delta R.T. -0.02 min
Lab File: BF085255.D
Acq: 8 Mar 2016 14:59

Instrument :
BNA_F
ClientSampleId :
PB88757BL

Tgt Ion:188 Resp: 556574
Ion Ratio Lower Upper
188 100
94 8.5 7.0 10.6
80 8.7 7.4 11.0

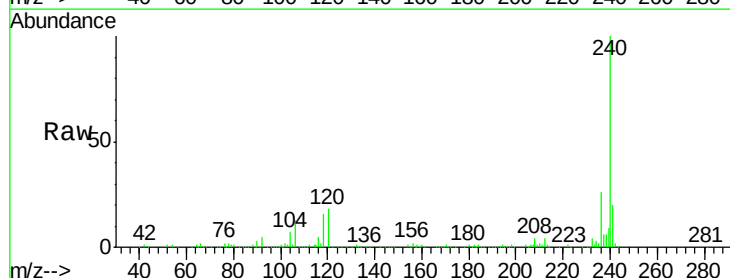


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

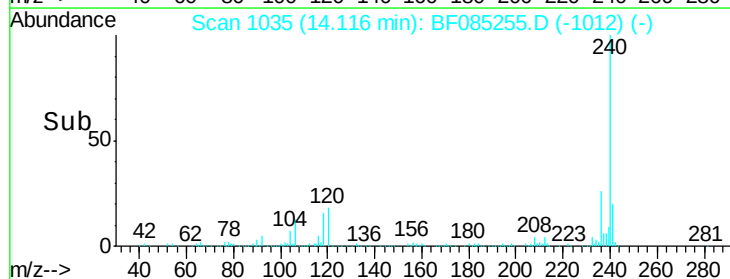
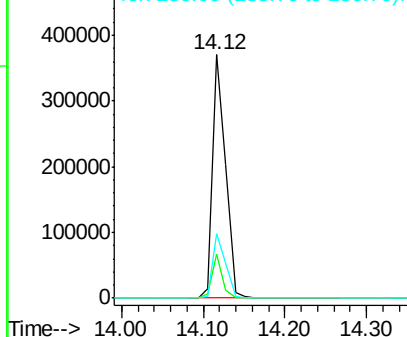


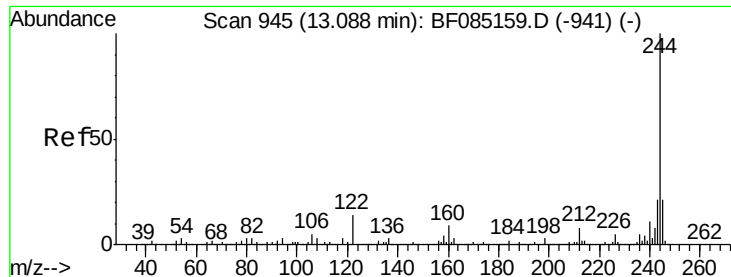
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.12 min Scan# 1035
Delta R.T. -0.03 min
Lab File: BF085255.D
Acq: 8 Mar 2016 14:59

Tgt Ion:240 Resp: 413631
Ion Ratio Lower Upper
240 100
120 17.9 5.3 7.9#
236 26.3 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

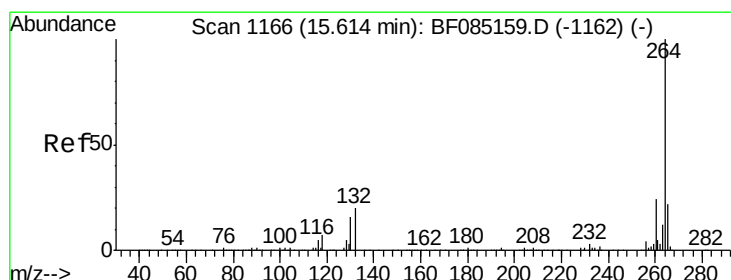
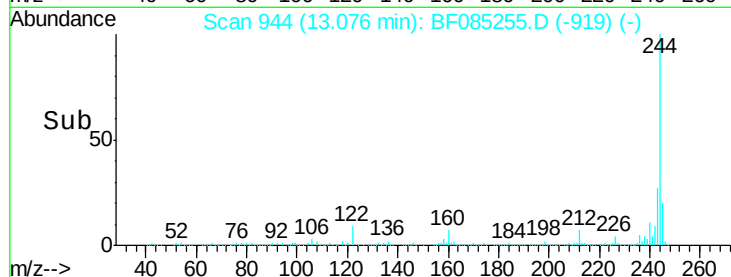
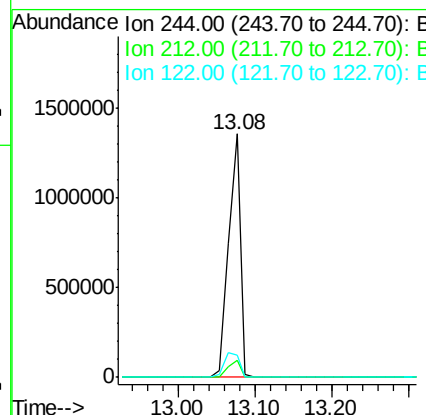
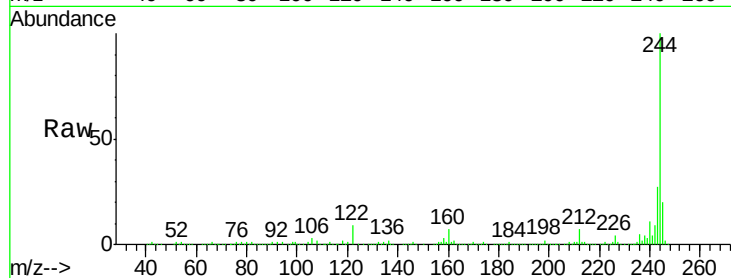




#78
 Terphenyl-d14
 Concen: 83.22 ng
 RT: 13.08 min Scan# 944
 Delta R.T. -0.01 min
 Lab File: BF085255.D
 Acq: 8 Mar 2016 14:59

Instrument :
 BNA_F
 ClientSampleId :
 PB88757BL

Tgt Ion:244 Resp: 1482873
 Ion Ratio Lower Upper
 244 100
 212 7.0 6.4 9.6
 122 9.3 11.4 17.2#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.59 min Scan# 1164
 Delta R.T. -0.02 min
 Lab File: BF085255.D
 Acq: 8 Mar 2016 14:59

Tgt Ion:264 Resp: 322700
 Ion Ratio Lower Upper
 264 100
 260 23.8 19.2 28.8
 265 21.1 17.3 25.9

