

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032816\
 Data File : BF085829.D
 Acq On : 29 Mar 2016 4:17
 Operator : UM/SJ
 Sample : PB89183TB
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB89183TB

Quant Time: Mar 29 05:01:57 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032416.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 28 15:27:05 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	112743	20.00	ng	-0.01
21) Naphthalene-d8	8.10	136	444282	20.00	ng	-0.01
38) Acenaphthene-d10	9.85	164	190693	20.00	ng	-0.01
63) Phenanthrene-d10	11.34	188	325792	20.00	ng	-0.01
75) Chrysene-d12	13.97	240	193560	20.00	ng	-0.01
86) Perylene-d12	15.39	264	201507	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	810539	119.73	ng	0.01
7) Phenol-d6	6.46	99	1077529	125.19	ng	0.00
23) Nitrobenzene-d5	7.38	82	679576	86.14	ng	-0.01
41) 2,4,6-Tribromophenol	10.64	330	182066	100.49	ng	-0.01
44) 2-Fluorobiphenyl	9.18	172	987552	86.52	ng	-0.01
78) Terphenyl-d14	12.93	244	849378	90.25	ng	0.00

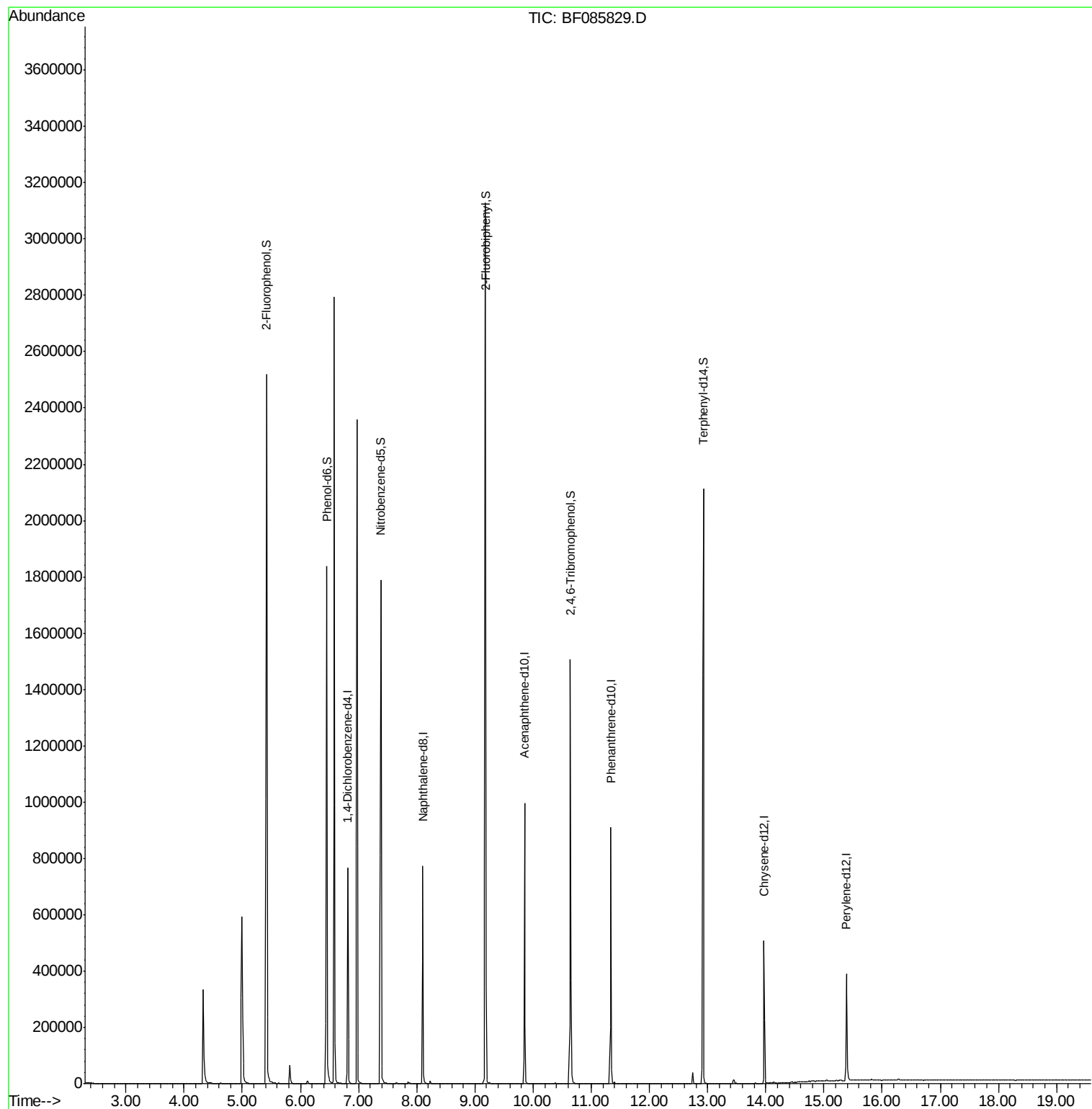
Target Compounds	Qvalue
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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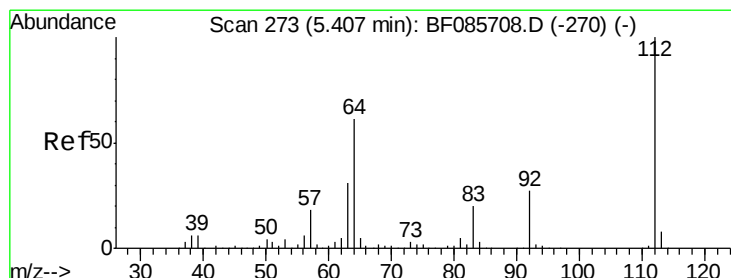
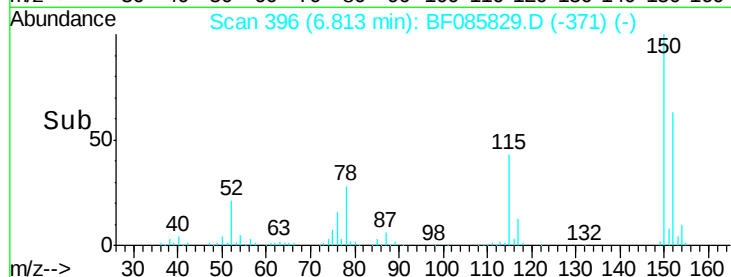
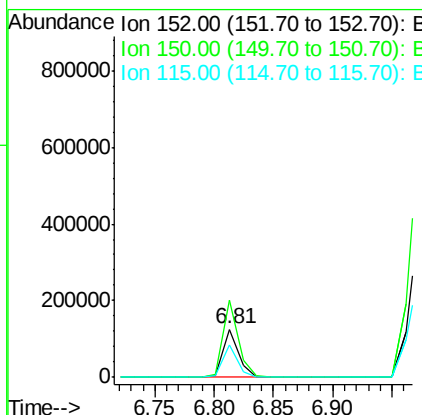
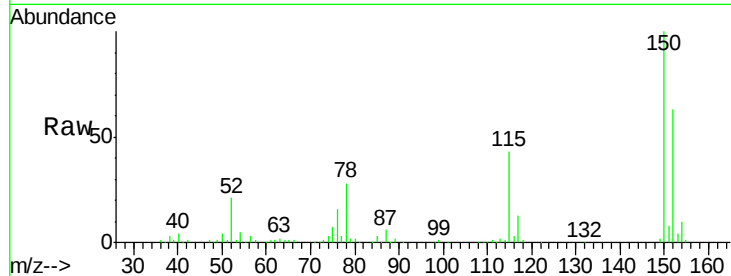




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.81 min Scan# 396
 Delta R.T. -0.01 min
 Lab File: BF085829.D
 Acq: 29 Mar 2016 4:17

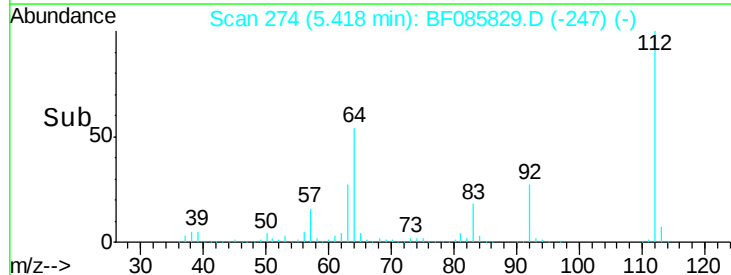
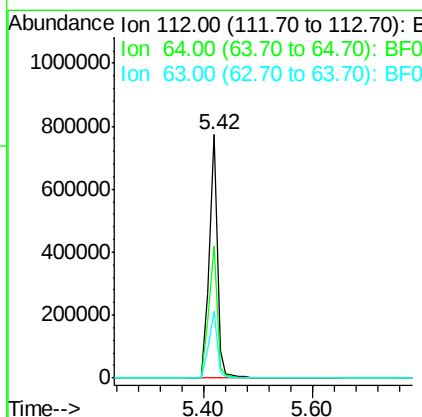
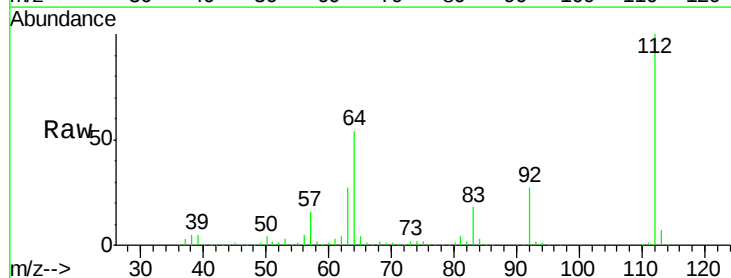
Instrument :
 BNA_F
 ClientSampleId :
 PB89183TB

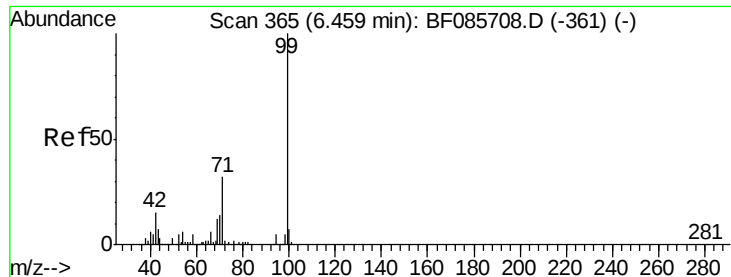
Tgt Ion:152 Resp: 112743
 Ion Ratio Lower Upper
 152 100
 150 159.2 124.2 186.2
 115 68.6 47.0 70.6



#5
 2-Fluorophenol
 Concen: 119.73 ng
 RT: 5.42 min Scan# 274
 Delta R.T. 0.01 min
 Lab File: BF085829.D
 Acq: 29 Mar 2016 4:17

Tgt Ion:112 Resp: 810539
 Ion Ratio Lower Upper
 112 100
 64 54.1 39.9 59.9
 63 27.4 20.2 30.2





#7

Phenol-d6

Concen: 125.19 ng

RT: 6.46 min Scan# 365

Delta R.T. -0.00 min

Lab File: BF085829.D

Acq: 29 Mar 2016 4:17

Instrument :

BNA_F

ClientSampleId :

PB89183TB

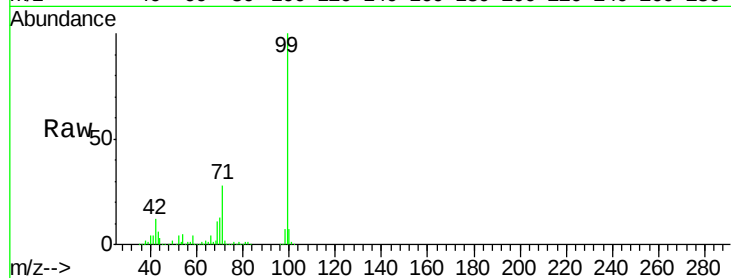
Tgt Ion: 99 Resp: 1077529

Ion Ratio Lower Upper

99 100

42 11.6 11.1 16.7

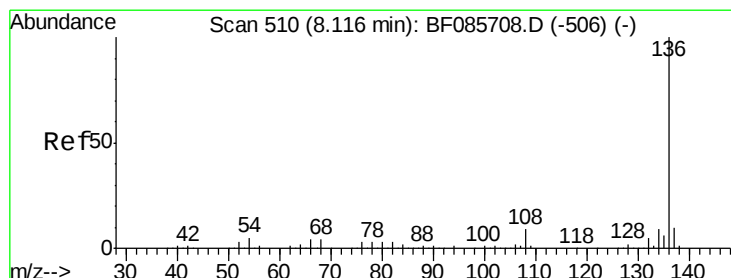
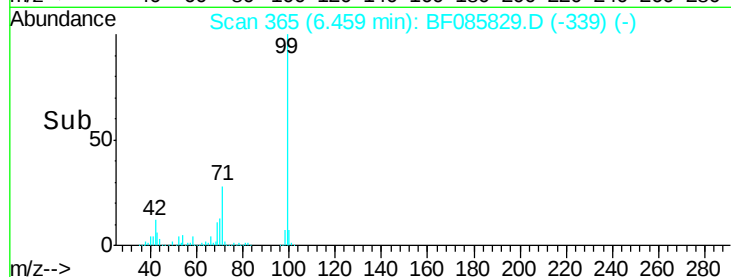
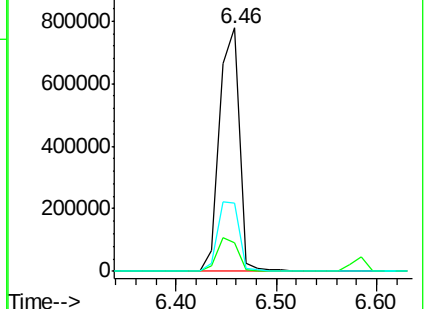
71 28.1 24.9 37.3



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: 8.10 min Scan# 509

Delta R.T. -0.01 min

Lab File: BF085829.D

Acq: 29 Mar 2016 4:17

Tgt Ion: 136 Resp: 444282

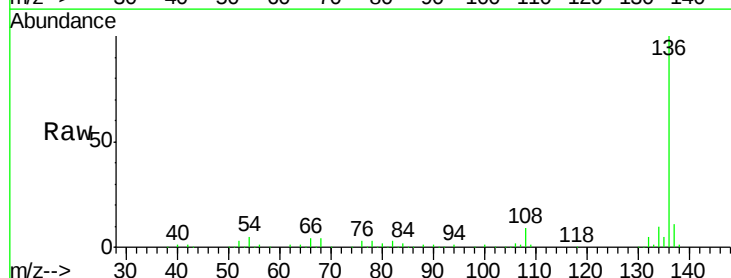
Ion Ratio Lower Upper

136 100

137 10.6 9.1 13.7

54 5.1 7.4 11.0#

68 4.4 5.8 8.8#

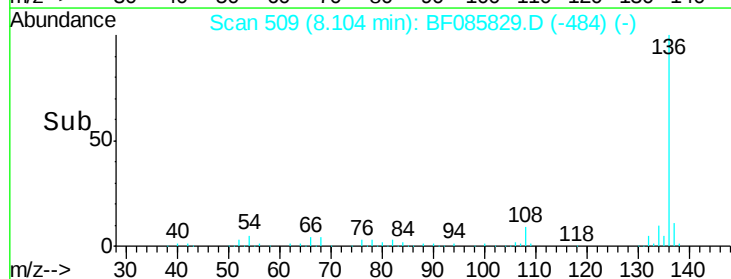
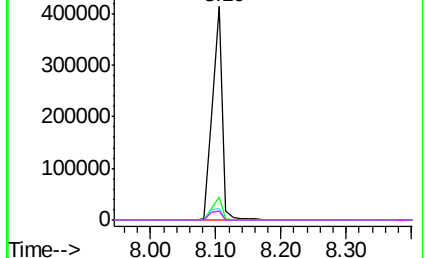


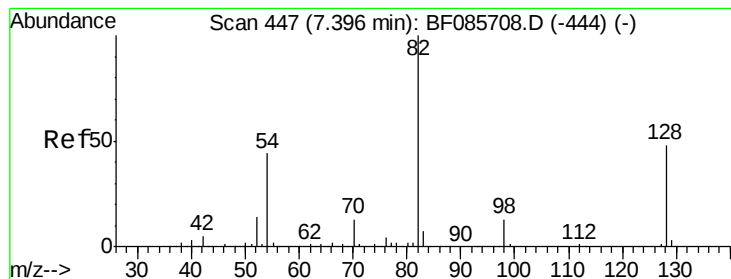
Abundance Ion 136.00 (135.70 to 136.70): E

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: 86.14 ng

RT: 7.38 min Scan# 446

Delta R.T. -0.01 min

Lab File: BF085829.D

Acq: 29 Mar 2016 4:17

Instrument :

BNA_F

ClientSampled :

PB89183TB

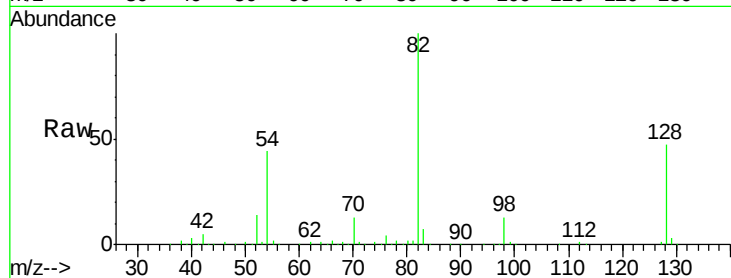
Tgt Ion: 82 Resp: 679576

Ion Ratio Lower Upper

82 100

128 47.0 41.8 62.8

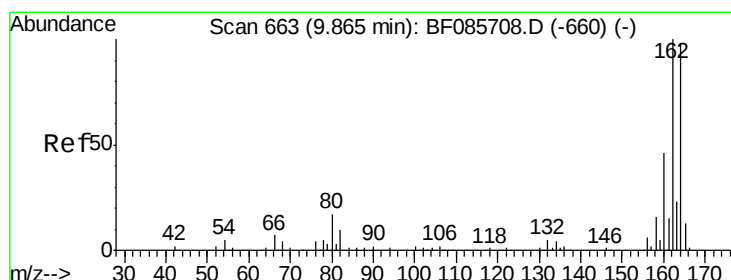
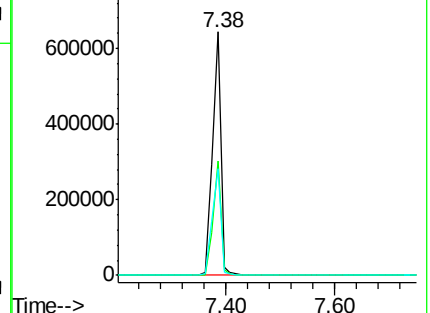
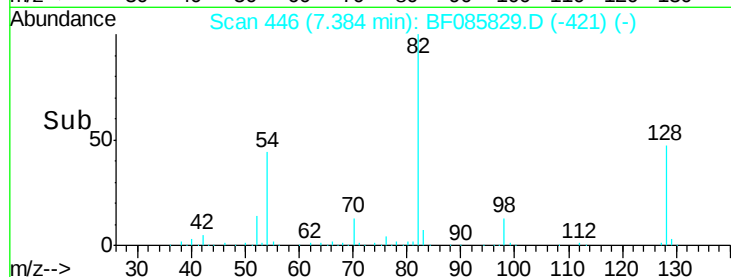
54 43.7 33.4 50.0



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): BF0

Ion 54.00 (53.70 to 54.70): BF0



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.85 min Scan# 662

Delta R.T. -0.01 min

Lab File: BF085829.D

Acq: 29 Mar 2016 4:17

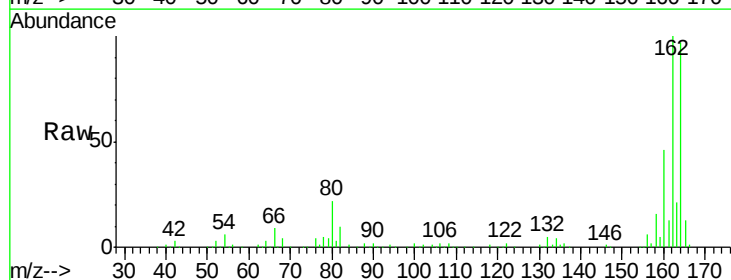
Tgt Ion: 164 Resp: 190693

Ion Ratio Lower Upper

164 100

162 102.9 82.1 123.1

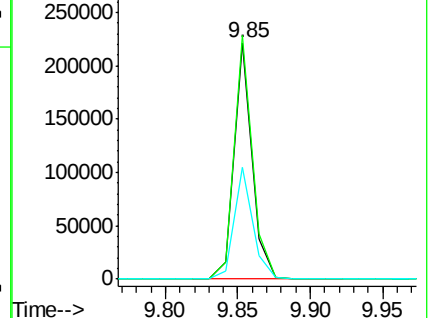
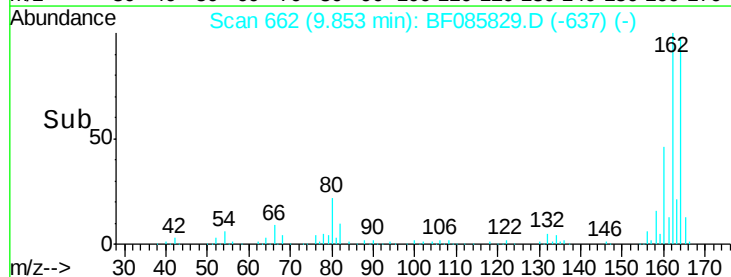
160 47.3 37.4 56.2

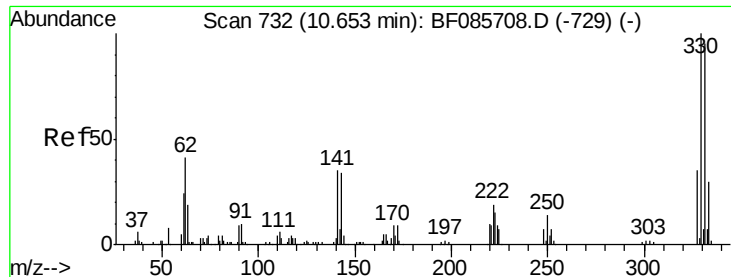


Abundance Ion 164.00 (163.70 to 164.70): BF0

Ion 162.00 (161.70 to 162.70): BF0

Ion 160.00 (159.70 to 160.70): BF0

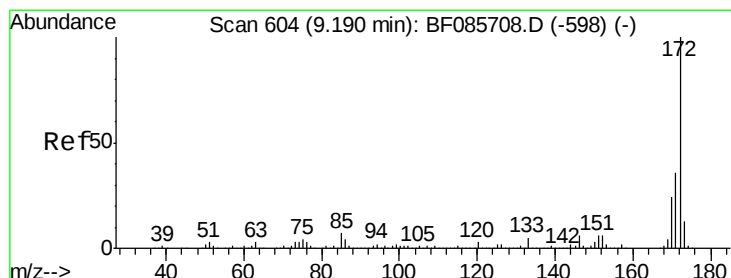
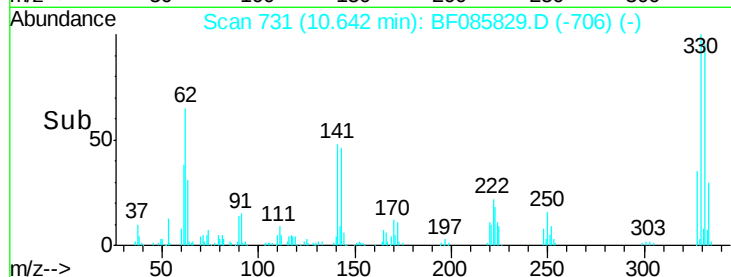
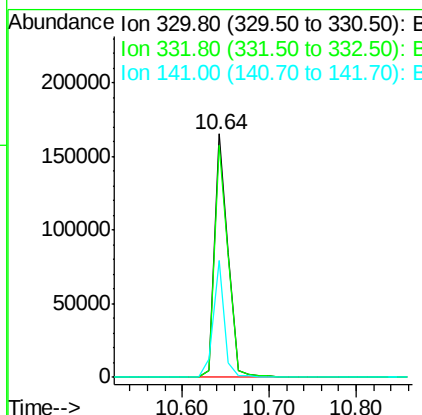
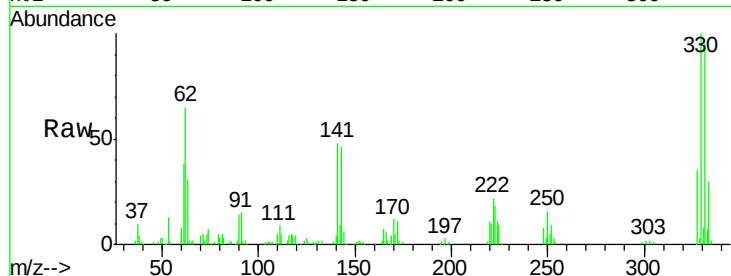




#41
 2,4,6-Tribromophenol
 Concen: 100.49 ng
 RT: 10.64 min Scan# 731
 Delta R.T. -0.01 min
 Lab File: BF085829.D
 Acq: 29 Mar 2016 4:17

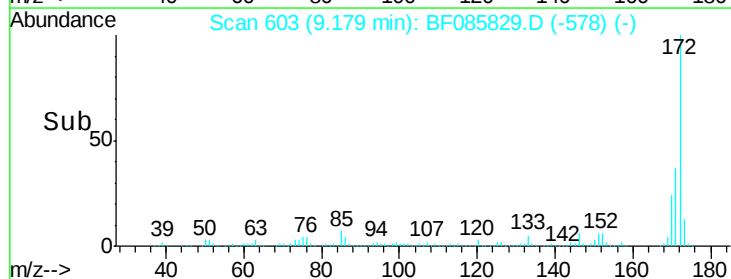
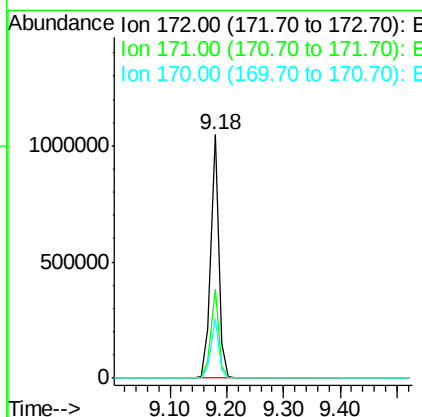
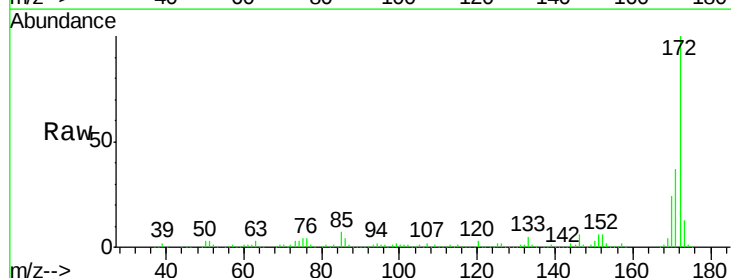
Instrument :
 BNA_F
 ClientSampleId :
 PB89183TB

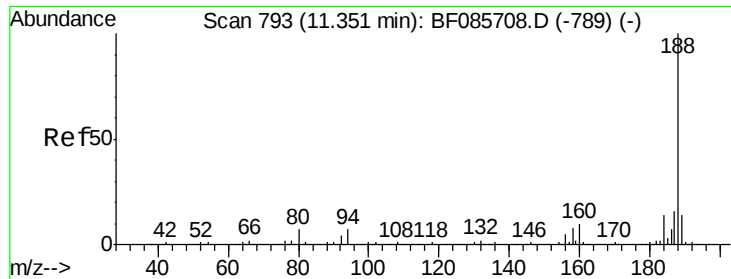
Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.2	78.2	117.2
141	39.5	31.5	47.3



#44
 2-Fluorobiphenyl
 Concen: 86.52 ng
 RT: 9.18 min Scan# 603
 Delta R.T. -0.01 min
 Lab File: BF085829.D
 Acq: 29 Mar 2016 4:17

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.6	29.4	44.2
170	24.2	19.8	29.6

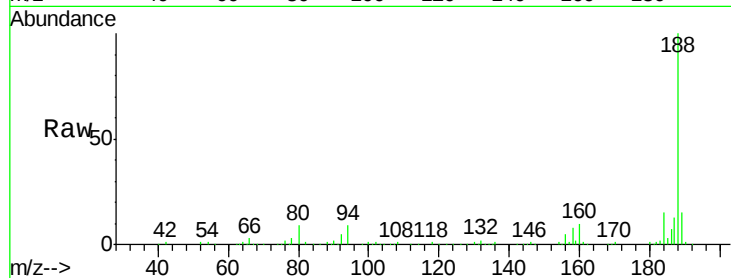




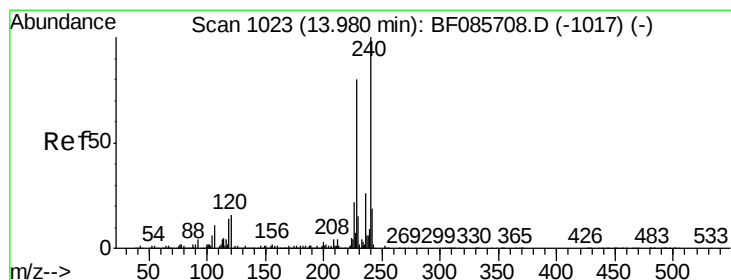
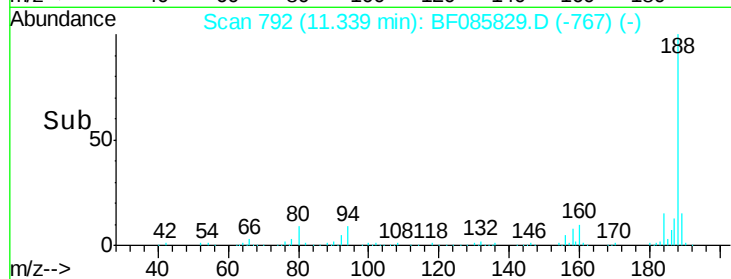
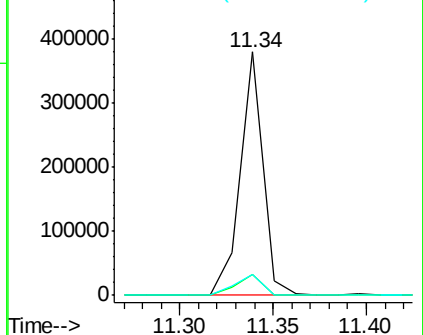
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.34 min Scan# 792
Delta R.T. -0.01 min
Lab File: BF085829.D
Acq: 29 Mar 2016 4:17

Instrument :
BNA_F
ClientSampleId :
PB89183TB

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.7	5.4	8.0#
80	8.5	5.5	8.3#

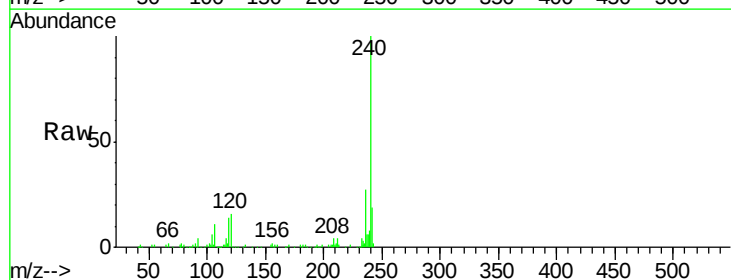


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

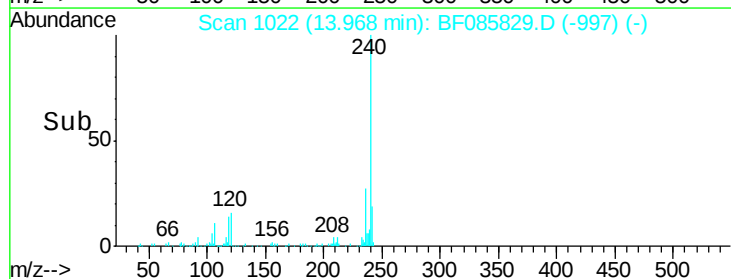
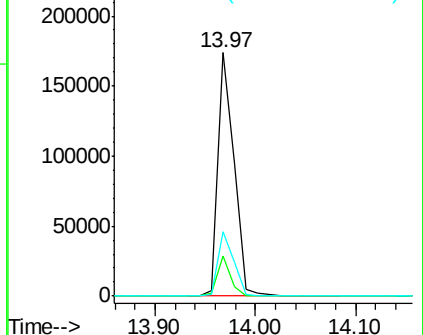


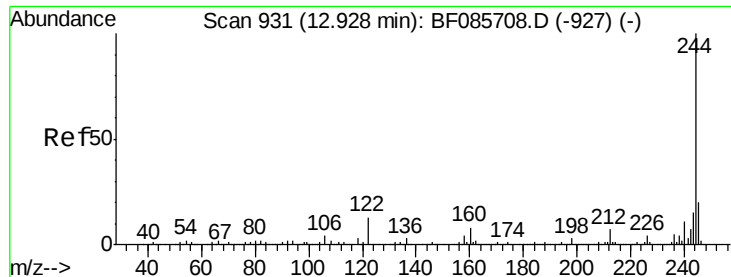
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.97 min Scan# 1022
Delta R.T. -0.01 min
Lab File: BF085829.D
Acq: 29 Mar 2016 4:17

Tgt Ion	Ratio	Lower	Upper
240	100		
120	16.4	13.8	20.8
236	26.5	20.6	30.8



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

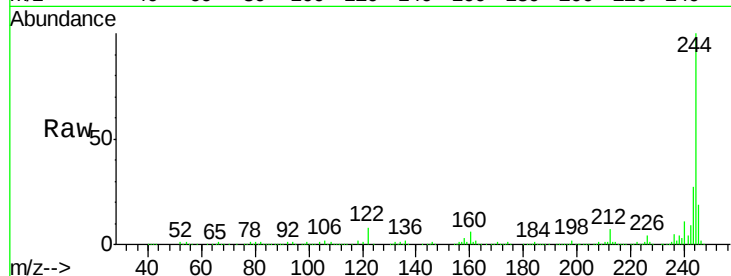




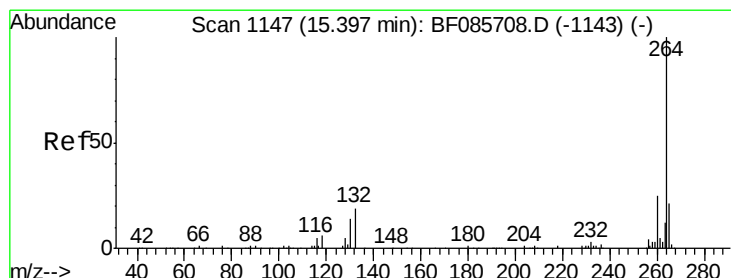
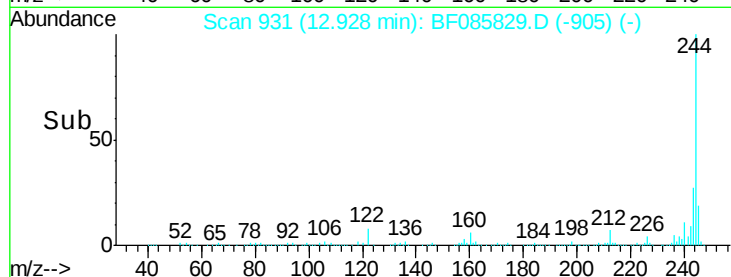
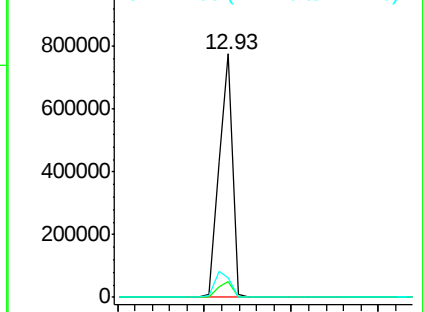
#78
 Terphenyl-d14
 Concen: 90.25 ng
 RT: 12.93 min Scan# 931
 Delta R.T. -0.00 min
 Lab File: BF085829.D
 Acq: 29 Mar 2016 4:17

Instrument :
 BNA_F
 ClientSampleId :
 PB89183TB

Tgt Ion:244 Resp: 849378
 Ion Ratio Lower Upper
 244 100
 212 6.6 6.1 9.1
 122 7.9 10.2 15.4#

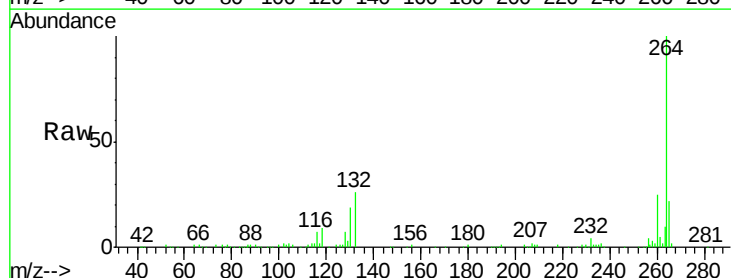


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.39 min Scan# 1146
 Delta R.T. -0.01 min
 Lab File: BF085829.D
 Acq: 29 Mar 2016 4:17

Tgt Ion:264 Resp: 201507
 Ion Ratio Lower Upper
 264 100
 260 24.7 19.4 29.2
 265 21.9 17.2 25.8



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

