

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032416\
 Data File : BF085729.D
 Acq On : 24 Mar 2016 22:33
 Operator : UM/SJ
 Sample : H1864-12
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PZ-6

Quant Time: Mar 25 02:10:41 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032416.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 24 14:15:39 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	104172	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	410078	20.00	ng	-0.01
38) Acenaphthene-d10	9.86	164	205312	20.00	ng	0.00
63) Phenanthrene-d10	11.34	188	379817	20.00	ng	-0.01
75) Chrysene-d12	13.98	240	289346	20.00	ng	0.00
86) Perylene-d12	15.40	264	198044	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	310319	49.61	ng	0.01
7) Phenol-d6	6.45	99	236709	29.76	ng	-0.01
23) Nitrobenzene-d5	7.38	82	477481	65.57	ng	-0.01
41) 2,4,6-Tribromophenol	10.65	330	227446	116.60	ng	0.00
44) 2-Fluorobiphenyl	9.19	172	958256	77.98	ng	0.00
78) Terphenyl-d14	12.93	244	854742	60.75	ng	0.00

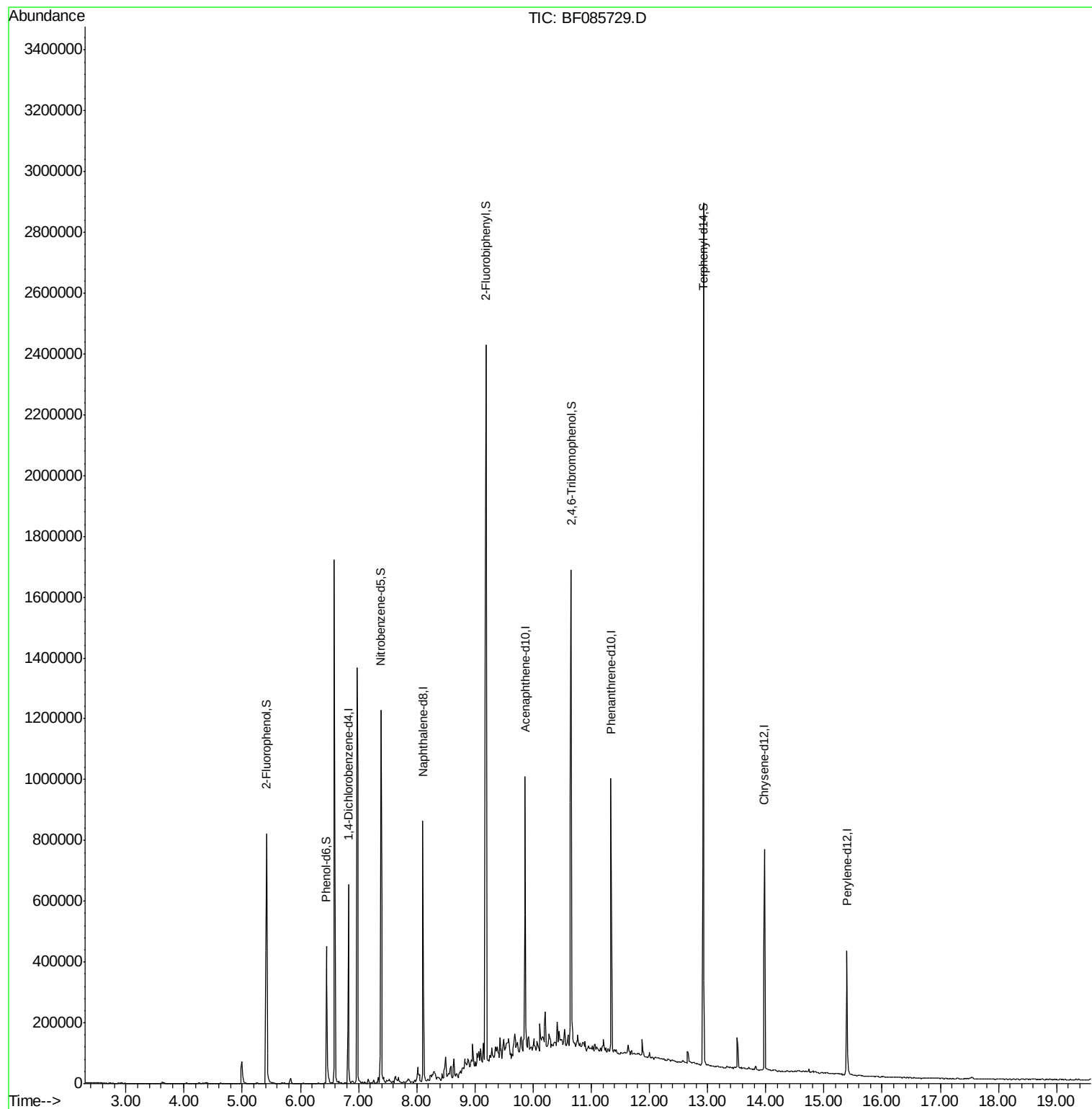
Target Compounds	Qvalue
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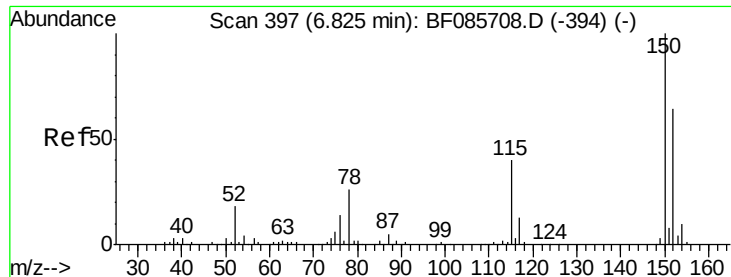
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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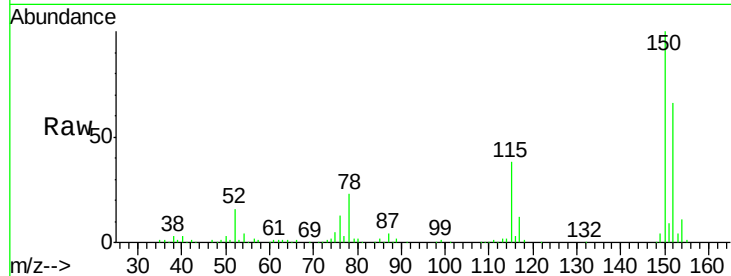


#1

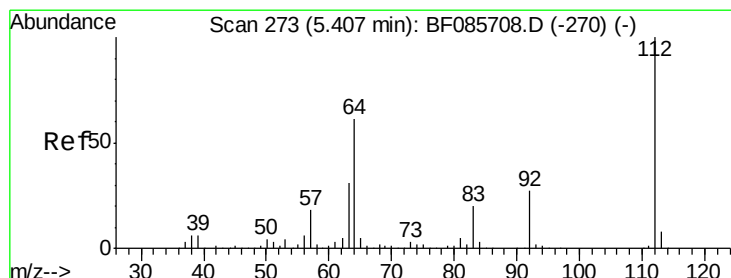
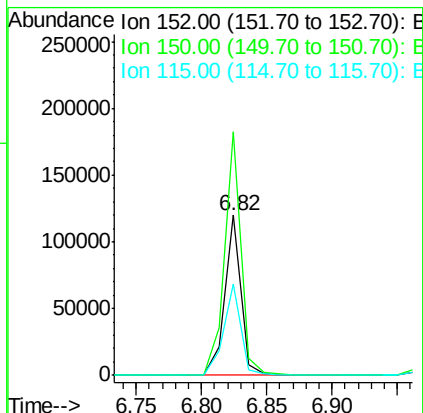
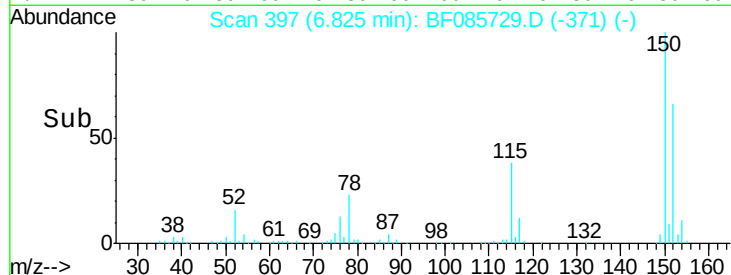
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.82 min Scan# 397
Delta R.T. 0.00 min
Lab File: BF085729.D
Acq: 24 Mar 2016 22:33

Instrument :
BNA_F
ClientSampled :
PZ-6

Tgt Ion:152 Resp: 104172
Ion Ratio Lower Upper
152 100
150 152.3 124.2 186.2
115 57.5 47.0 70.6



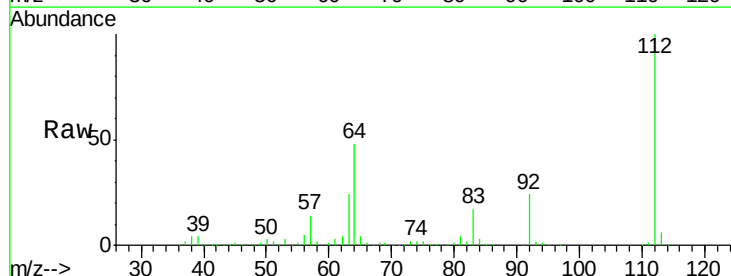
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



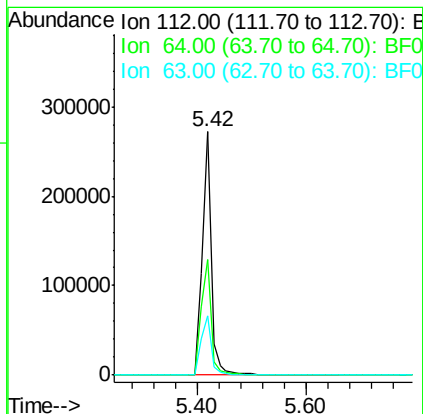
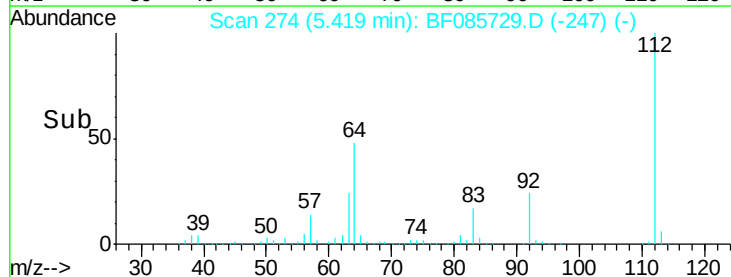
#5

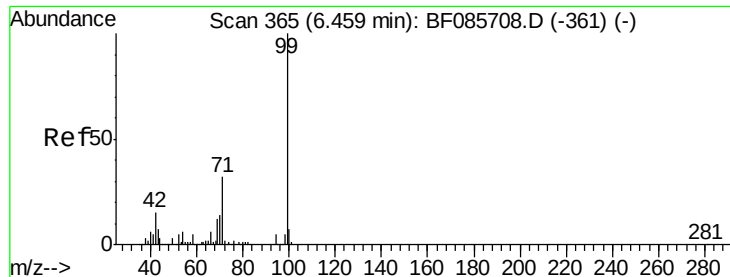
2-Fluorophenol
Concen: 49.61 ng
RT: 5.42 min Scan# 274
Delta R.T. 0.01 min
Lab File: BF085729.D
Acq: 24 Mar 2016 22:33

Tgt Ion:112 Resp: 310319
Ion Ratio Lower Upper
112 100
64 47.5 39.9 59.9
63 24.1 20.2 30.2



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: 29.76 ng

RT: 6.45 min Scan# 364

Delta R.T. -0.01 min

Lab File: BF085729.D

Acq: 24 Mar 2016 22:33

Instrument :

BNA_F

ClientSampleId :

PZ-6

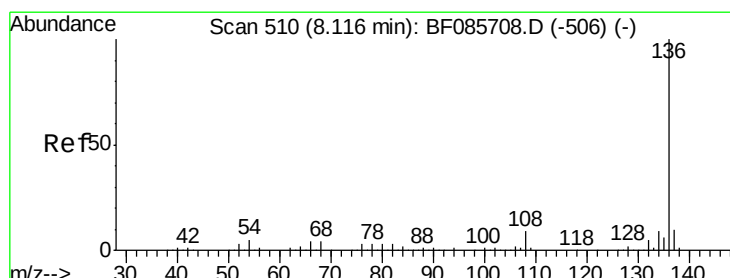
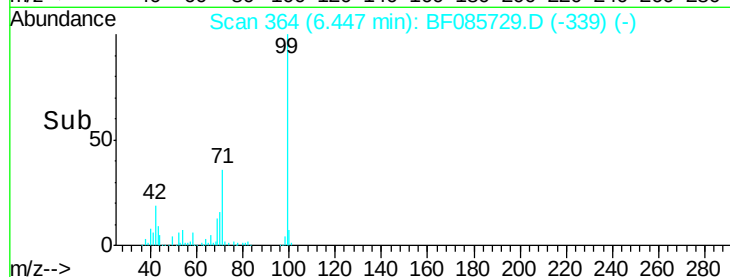
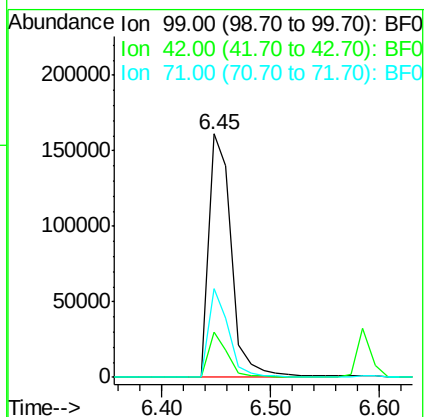
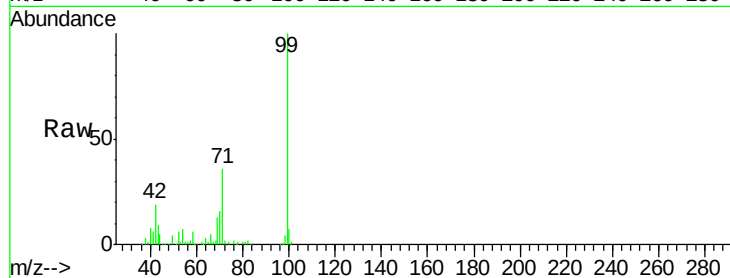
Tgt Ion: 99 Resp: 236709

Ion Ratio Lower Upper

99 100

42 18.8 11.1 16.7#

71 36.3 24.9 37.3



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.10 min Scan# 509

Delta R.T. -0.01 min

Lab File: BF085729.D

Acq: 24 Mar 2016 22:33

Tgt Ion: 136 Resp: 410078

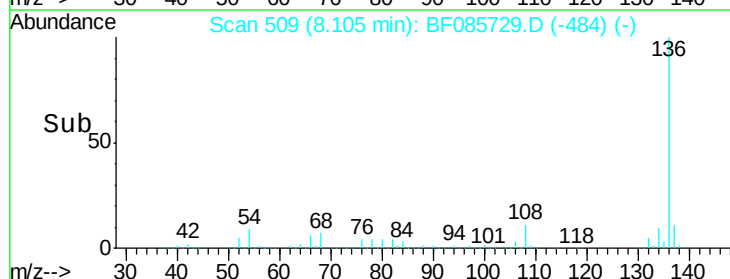
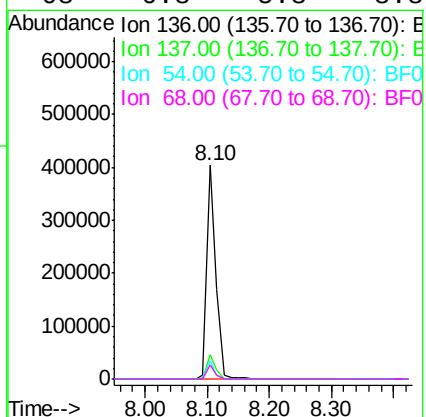
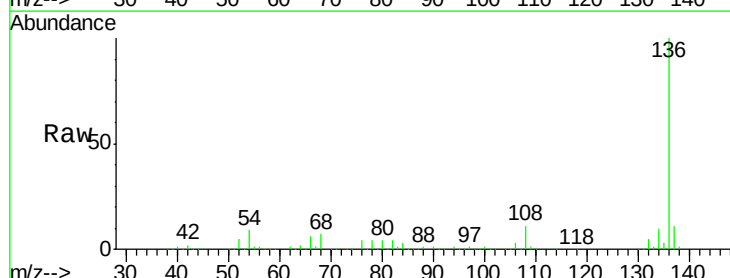
Ion Ratio Lower Upper

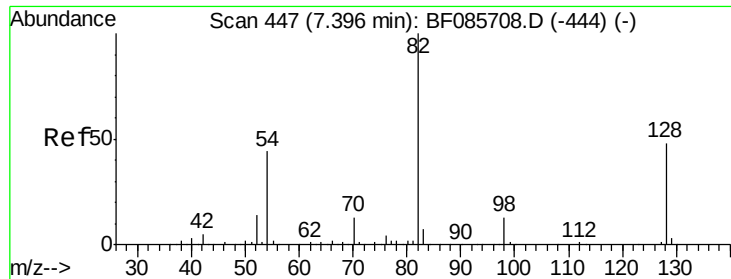
136 100

137 11.5 9.1 13.7

54 8.7 7.4 11.0

68 6.8 5.8 8.8

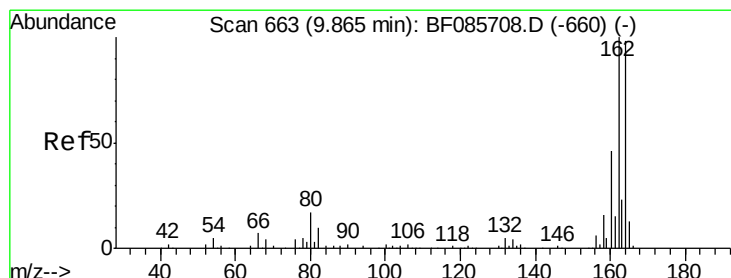
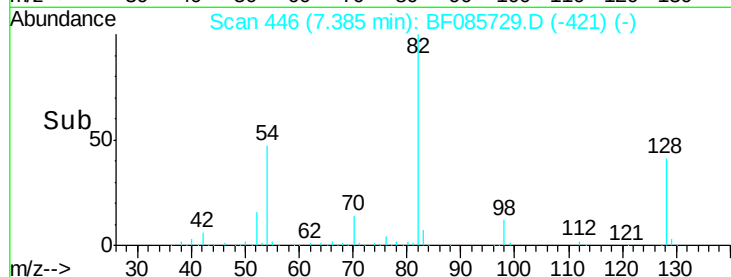
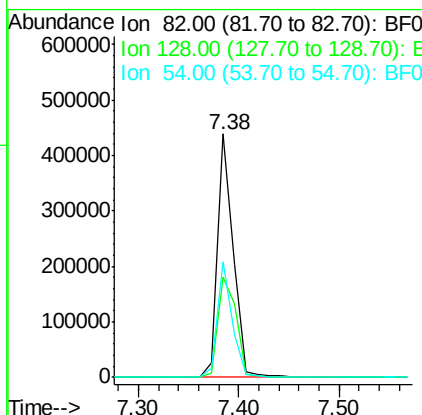
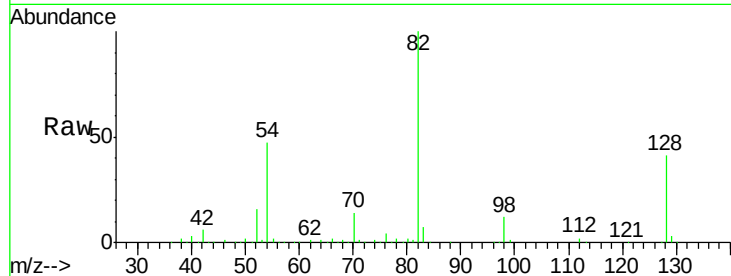




#23
 Nitrobenzene-d5
 Concen: 65.57 ng
 RT: 7.38 min Scan# 446
 Delta R.T. -0.01 min
 Lab File: BF085729.D
 Acq: 24 Mar 2016 22:33

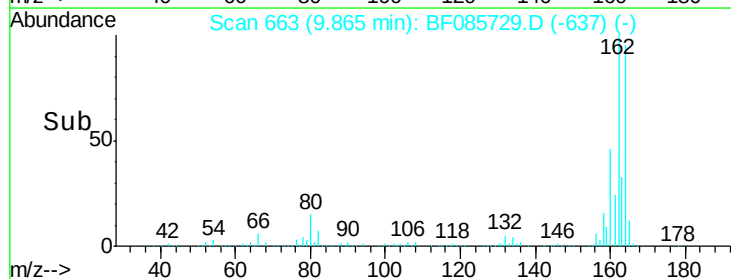
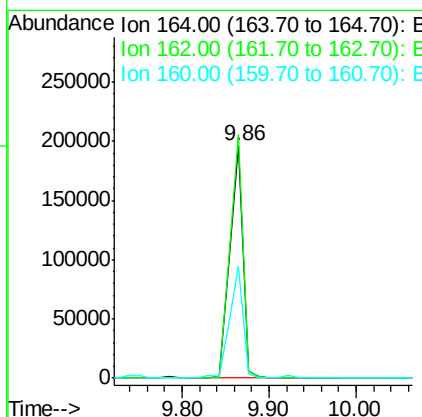
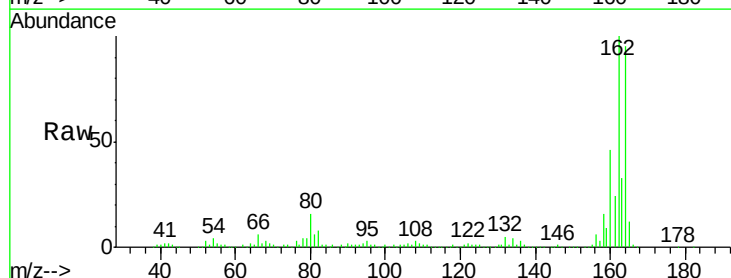
Instrument :
 BNA_F
 ClientSampled :
 PZ-6

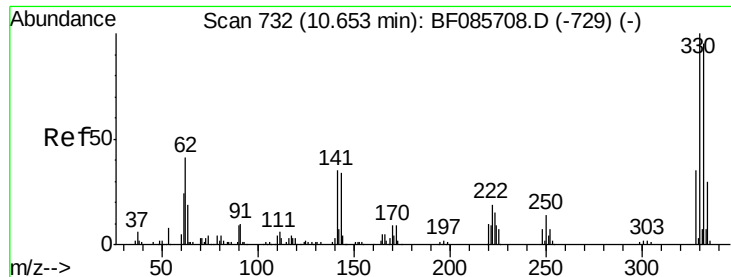
Tgt Ion: 82 Resp: 477481
 Ion Ratio Lower Upper
 82 100
 128 41.3 41.8 62.8#
 54 47.5 33.4 50.0



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.86 min Scan# 663
 Delta R.T. 0.00 min
 Lab File: BF085729.D
 Acq: 24 Mar 2016 22:33

Tgt Ion: 164 Resp: 205312
 Ion Ratio Lower Upper
 164 100
 162 104.8 82.1 123.1
 160 48.2 37.4 56.2

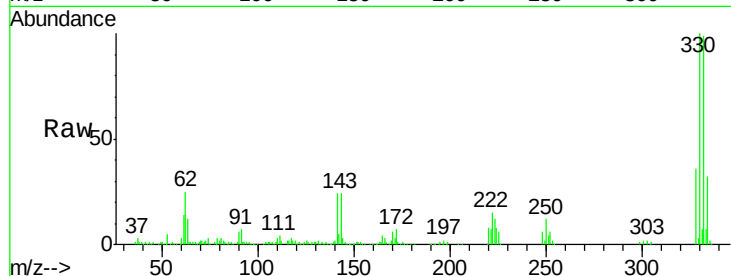




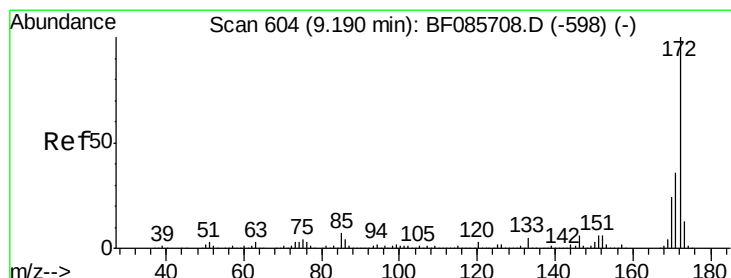
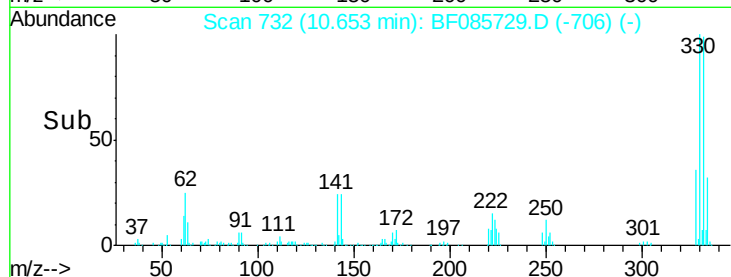
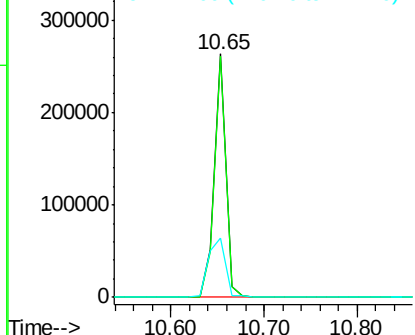
#41
 2,4,6-Tribromophenol
 Concen: 116.60 ng
 RT: 10.65 min Scan# 732
 Delta R.T. 0.00 min
 Lab File: BF085729.D
 Acq: 24 Mar 2016 22:33

Instrument :
 BNA_F
 ClientSampleId :
 PZ-6

Tgt Ion:330 Resp: 227446
 Ion Ratio Lower Upper
 330 100
 332 98.4 78.2 117.2
 141 35.8 31.5 47.3

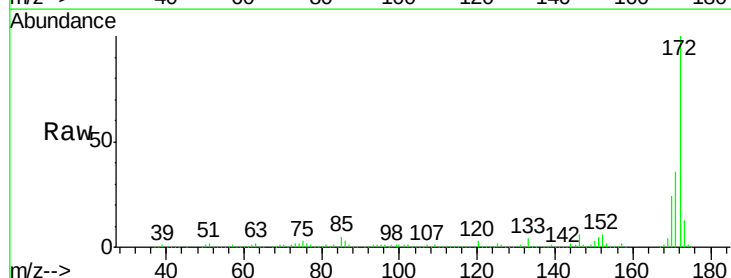


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

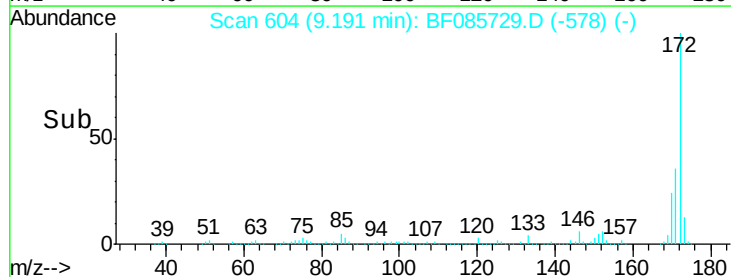
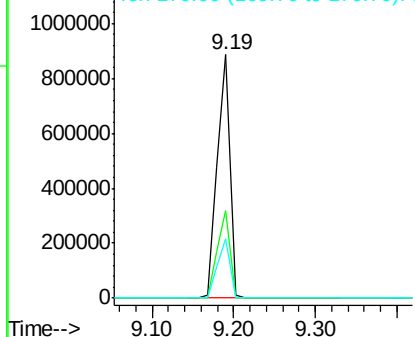


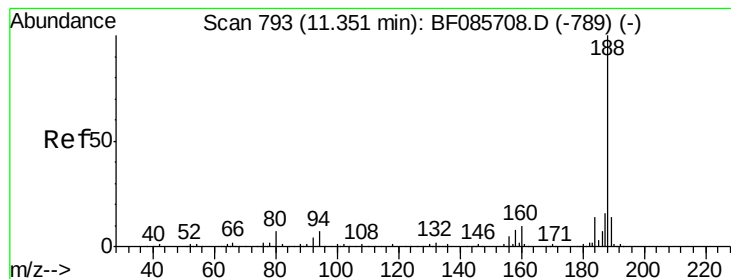
#44
 2-Fluorobiphenyl
 Concen: 77.98 ng
 RT: 9.19 min Scan# 604
 Delta R.T. 0.00 min
 Lab File: BF085729.D
 Acq: 24 Mar 2016 22:33

Tgt Ion:172 Resp: 958256
 Ion Ratio Lower Upper
 172 100
 171 35.8 29.4 44.2
 170 24.1 19.8 29.6



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: 11.34 min Scan# 792

Delta R.T. -0.01 min

Lab File: BF085729.D

Acq: 24 Mar 2016 22:33

Instrument :

BNA_F

ClientSampleId :

PZ-6

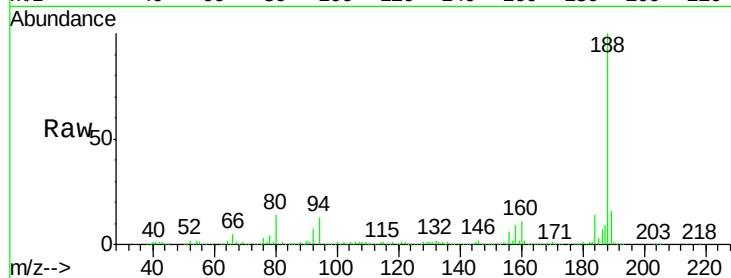
Tgt Ion:188 Resp: 379817

Ion Ratio Lower Upper

188 100

94 13.0 5.4 8.0#

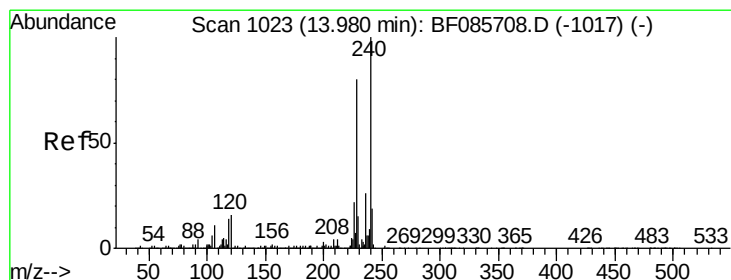
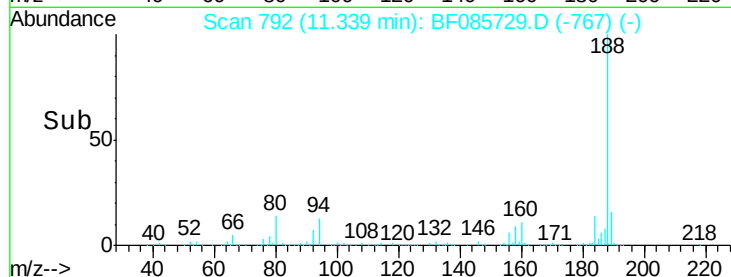
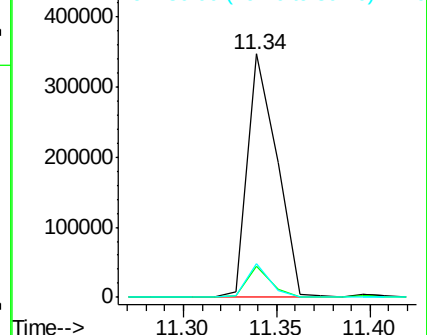
80 13.8 5.5 8.3#



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: 13.98 min Scan# 1023

Delta R.T. 0.00 min

Lab File: BF085729.D

Acq: 24 Mar 2016 22:33

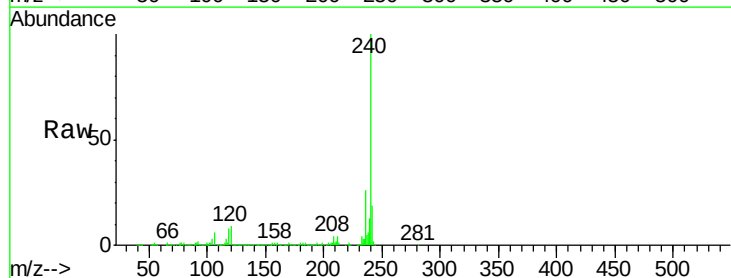
Tgt Ion:240 Resp: 289346

Ion Ratio Lower Upper

240 100

120 9.1 13.8 20.8#

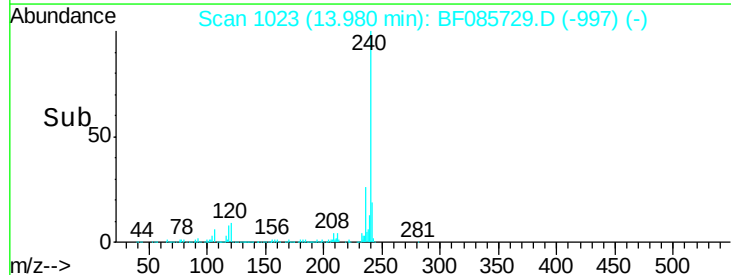
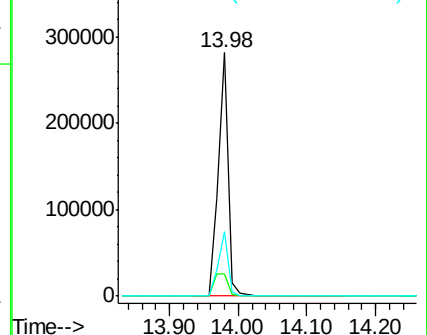
236 26.3 20.6 30.8

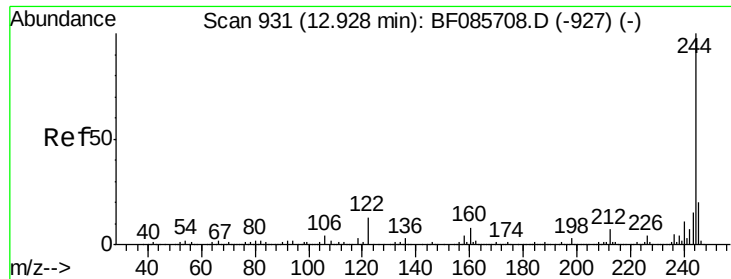


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

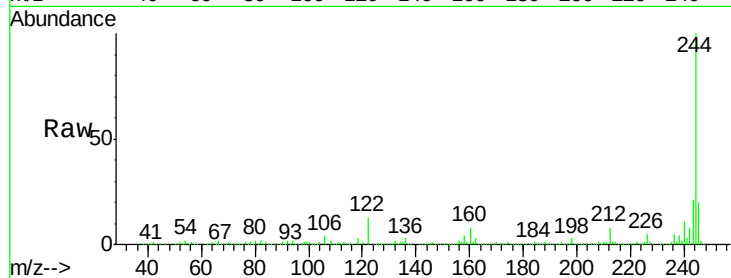




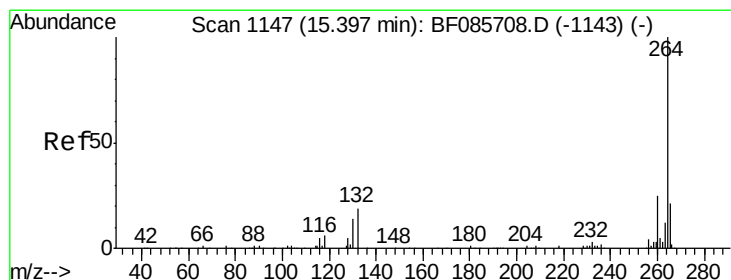
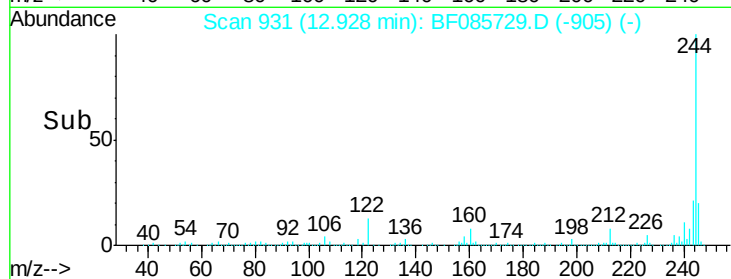
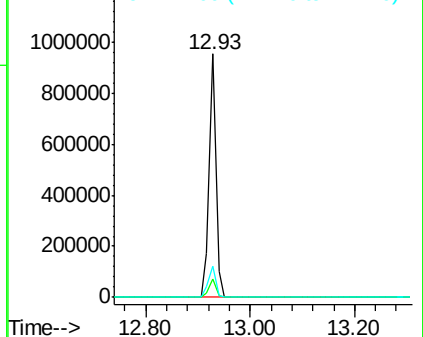
#78
 Terphenyl-d14
 Concen: 60.75 ng
 RT: 12.93 min Scan# 931
 Delta R.T. 0.00 min
 Lab File: BF085729.D
 Acq: 24 Mar 2016 22:33

Instrument :
 BNA_F
 ClientSampleId :
 PZ-6

Tgt Ion:244 Resp: 854742
 Ion Ratio Lower Upper
 244 100
 212 7.6 6.1 9.1
 122 12.7 10.2 15.4

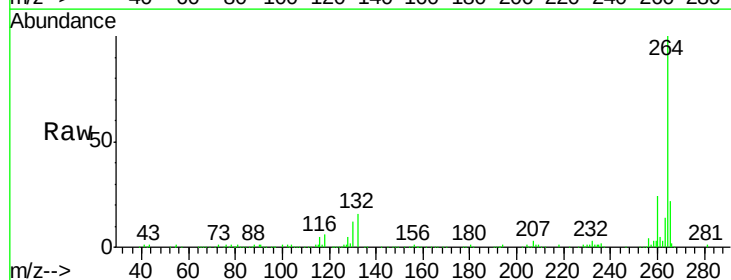


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.40 min Scan# 1147
 Delta R.T. 0.00 min
 Lab File: BF085729.D
 Acq: 24 Mar 2016 22:33

Tgt Ion:264 Resp: 198044
 Ion Ratio Lower Upper
 264 100
 260 23.9 19.4 29.2
 265 21.8 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

