

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 24 23:54:55 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

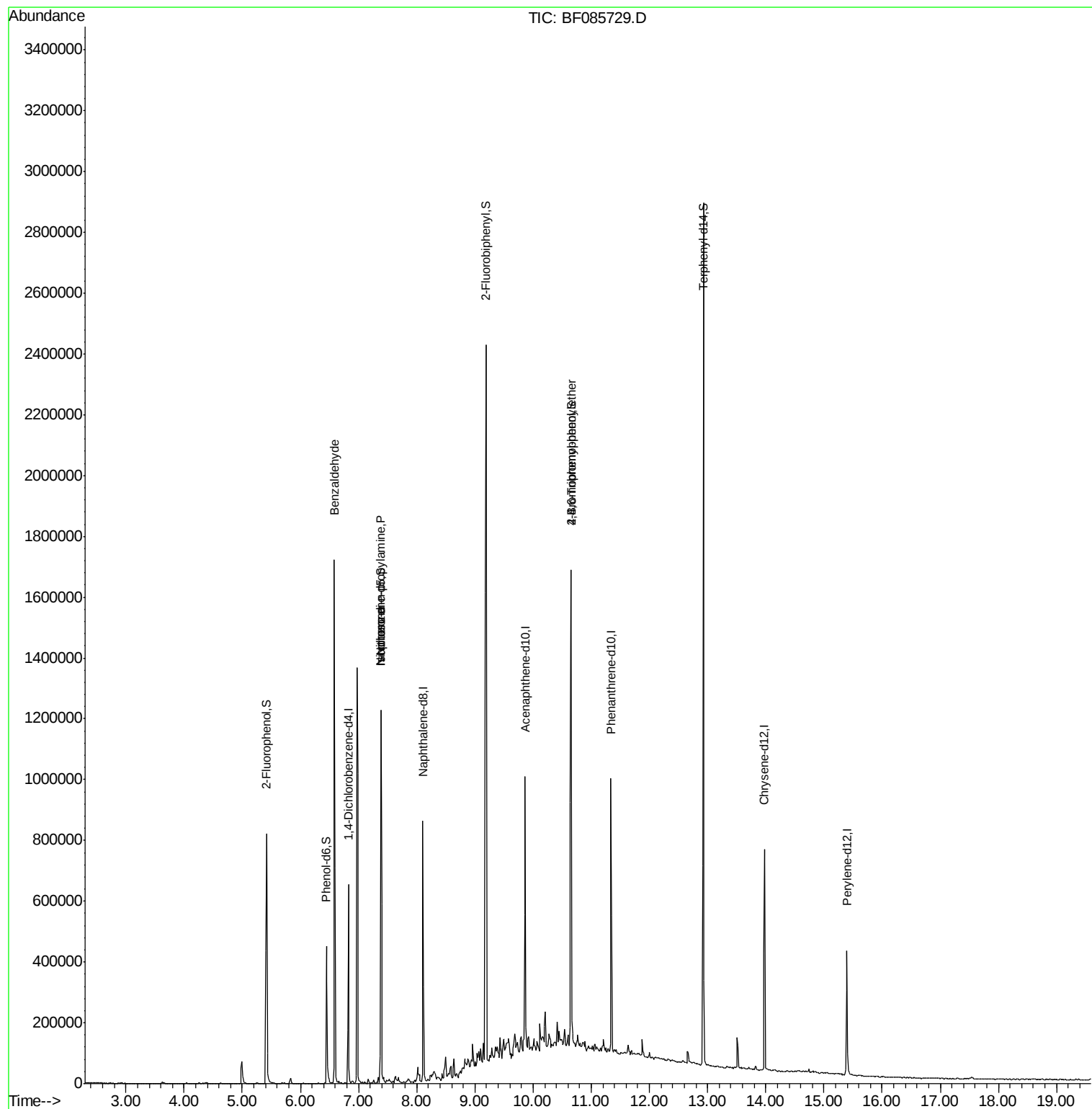
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	104172	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	410078	20.00	ng	-0.01
38) Acenaphthene-d10	9.86	164	205312	20.00	ng	0.00
63) Phenanthrene-d10	11.34	188	379817	20.00	ng	-0.01
75) Chrysene-d12	13.98	240	289346	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						
9) Benzaldehyde	6.58	77	11751	2.45	ng	# 73
19) n-Nitroso-di-n-propylamine	7.38	70	62708	13.17	ng	# 80
25) Isophorone	7.38	82	453592	32.33	ng	# 68
66) 4-Bromophenyl-phenylether	10.65	248	14955	3.85	ng	# 1

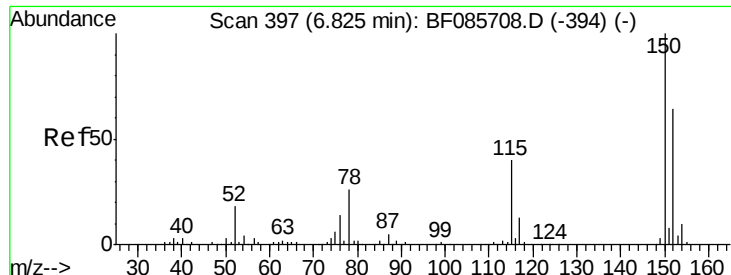
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032416\
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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

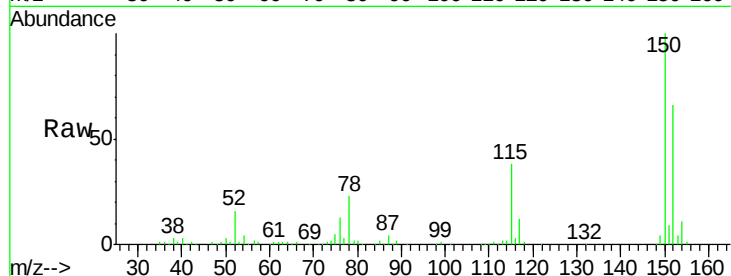
Tgt Ion:152 Resp: 104172

Ion Ratio Lower Upper

152 100

150 152.3 124.2 186.2

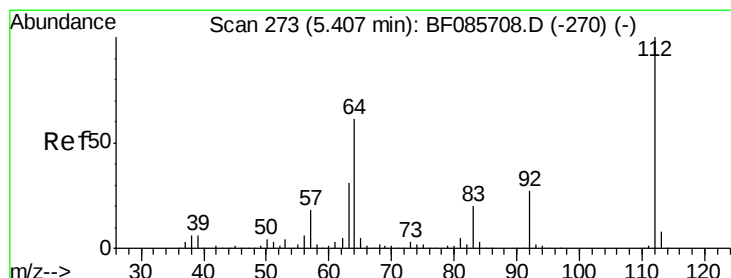
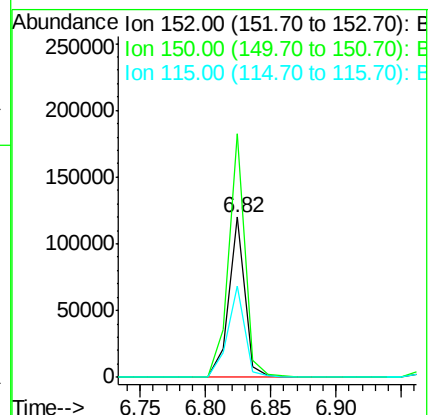
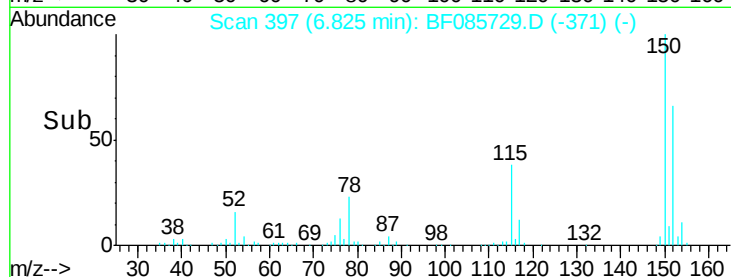
115 57.5 47.0 70.6



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

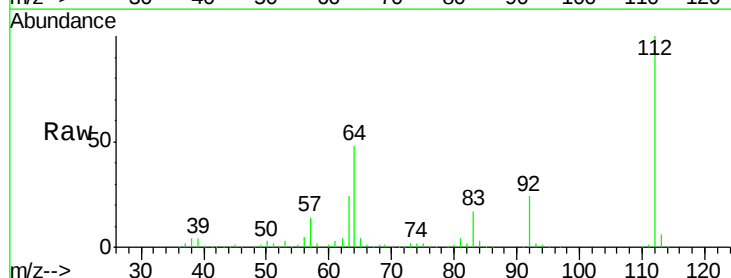
Tgt Ion:112 Resp: 310319

Ion Ratio Lower Upper

112 100

64 47.5 39.9 59.9

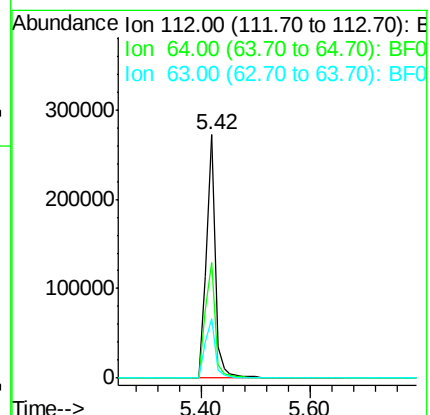
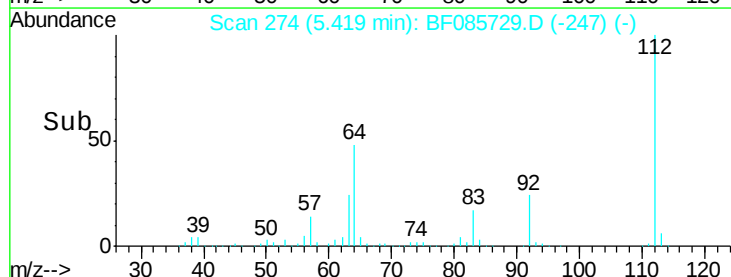
63 24.1 20.2 30.2



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

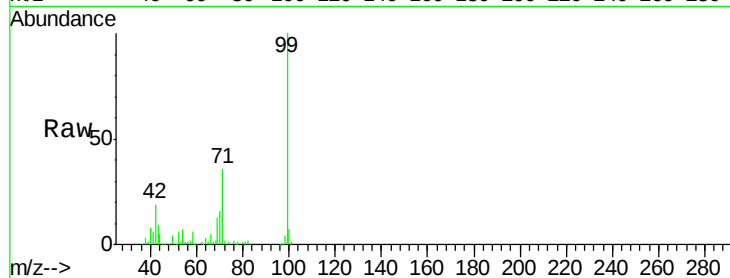
Tgt Ion: 99 Resp: 236709

Ion Ratio Lower Upper

99 100

42 18.8 11.1 16.7#

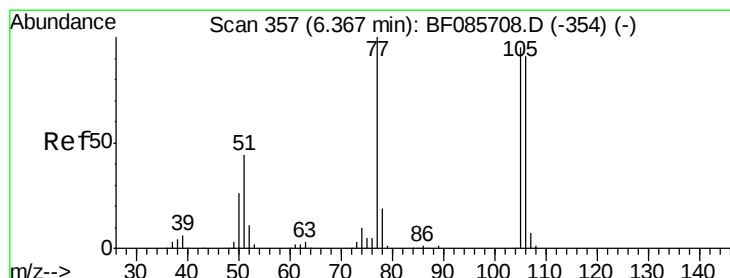
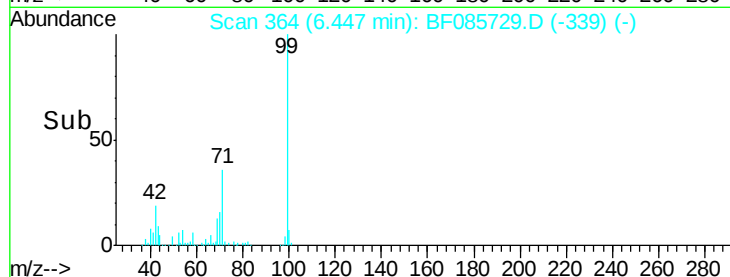
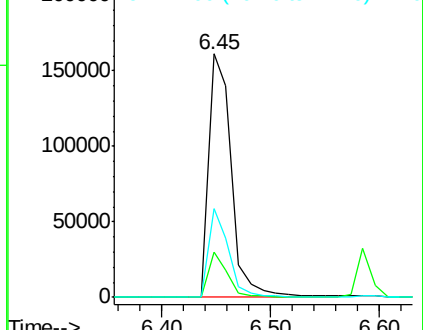
71 36.3 24.9 37.3



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



#9

Benzaldehyde

Concen: 2.45 ng

RT: 6.58 min Scan# 376

Delta R.T. 0.22 min

Lab File: BF085729.D

Acq: 24 Mar 2016 22:33

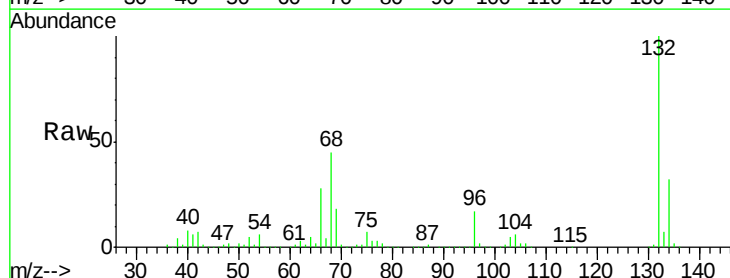
Tgt Ion: 77 Resp: 11751

Ion Ratio Lower Upper

77 100

105 74.0 80.1 120.1#

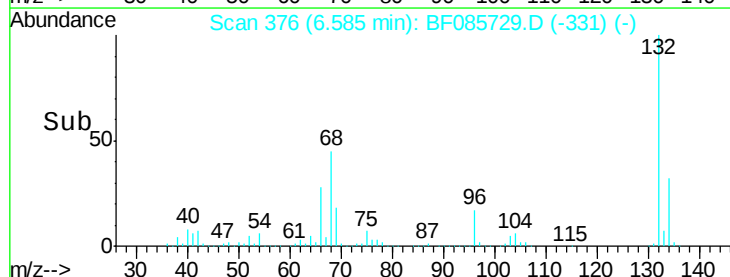
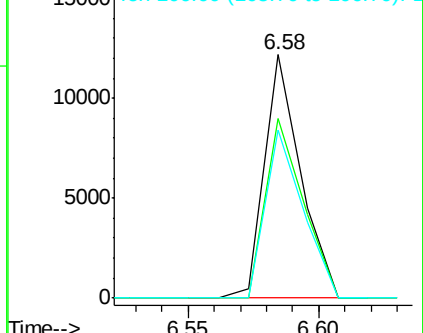
106 68.8 75.0 115.0#

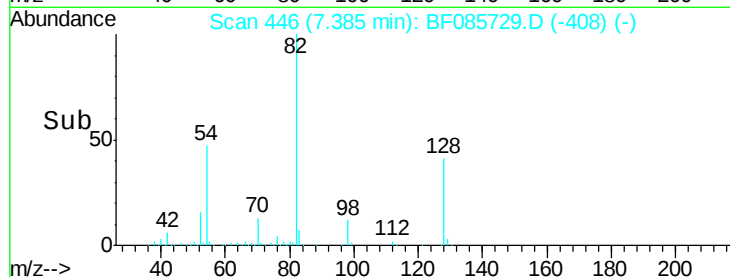
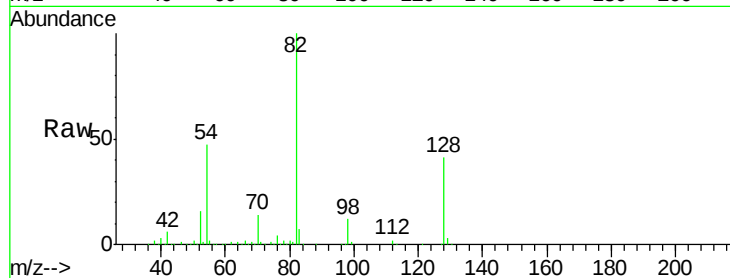
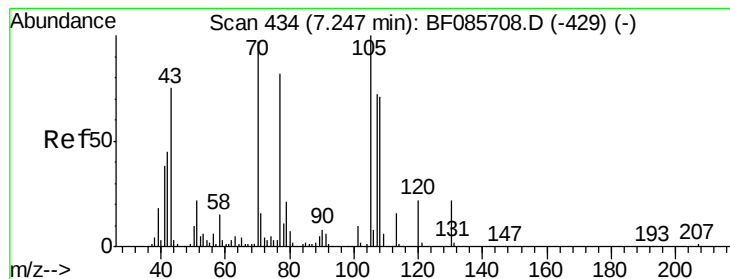


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 13.17 ng

RT: 7.38 min Scan# 446

Delta R.T. 0.14 min

Lab File: BF085729.D

Acq: 24 Mar 2016 22:33

Instrument :

BNA_F

ClientSampleId :

PZ-6

Tgt Ion: 70 Resp: 62708

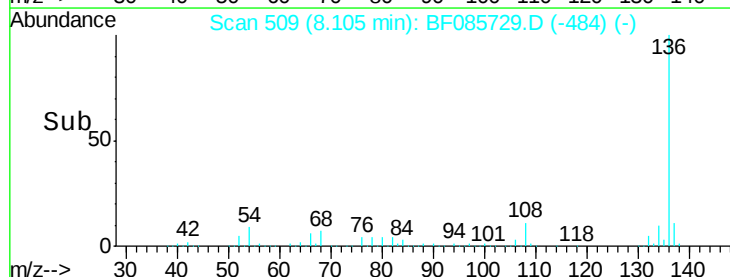
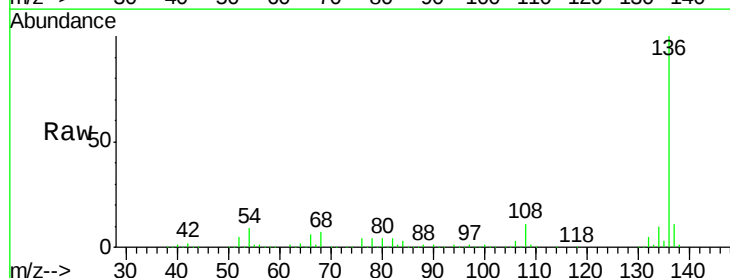
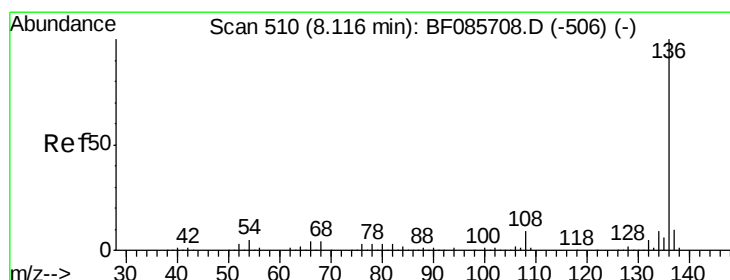
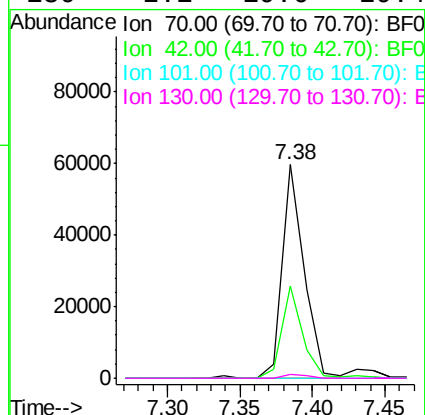
Ion Ratio Lower Upper

70 100

42 42.9 37.1 55.7

101 0.0 8.6 12.8#

130 2.1 19.6 29.4#



#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

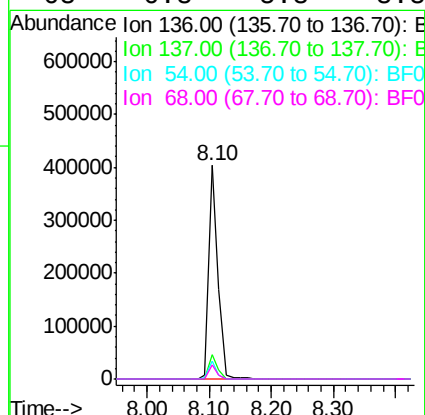
Ion Ratio Lower Upper

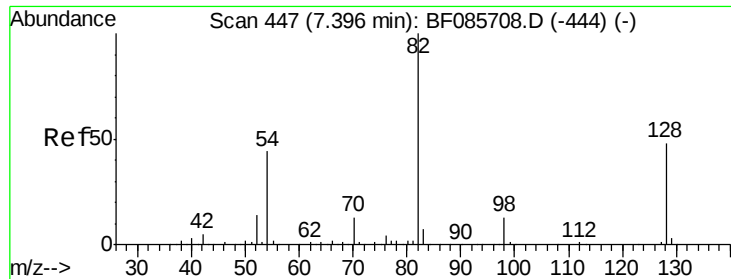
136 100

137 11.5 9.1 13.7

54 8.7 7.4 11.0

68 6.8 5.8 8.8

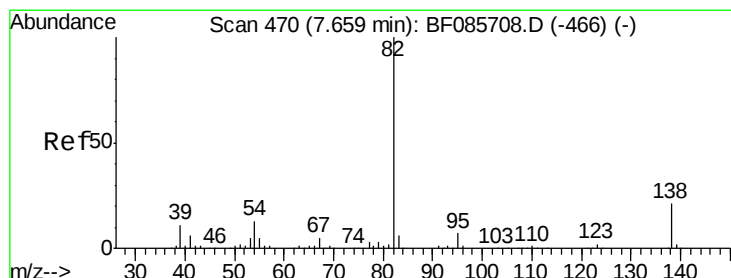
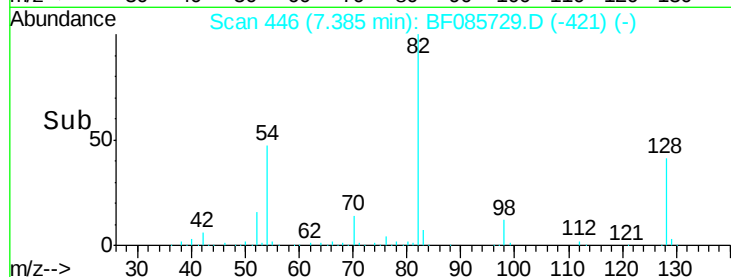
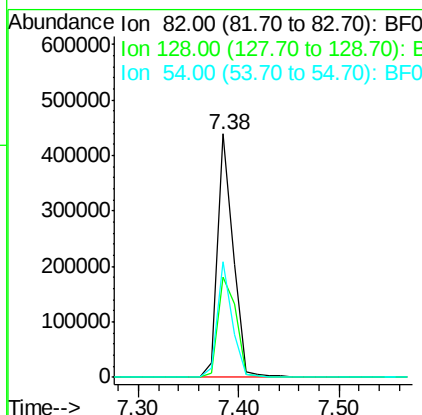
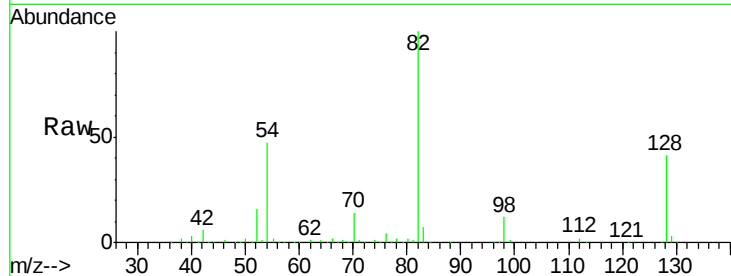




#23
 Nitrobenzene-d5
 Concen: 65.57 ng
 RT: 7.38 min Scan# 446
 Delta R.T. -0.01 min
 Lab File: BF085729.D
 Acq: 24 Mar 2016 22:33

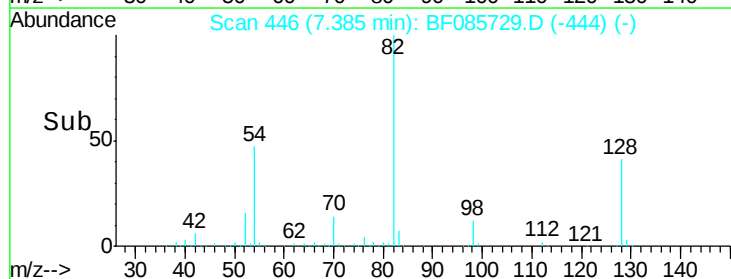
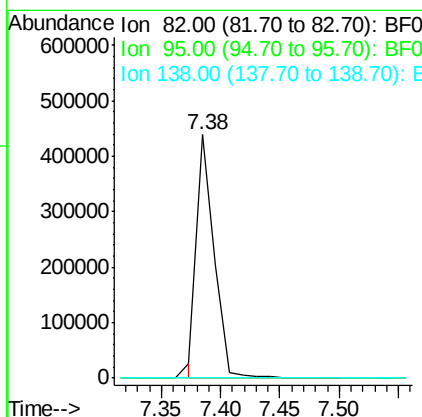
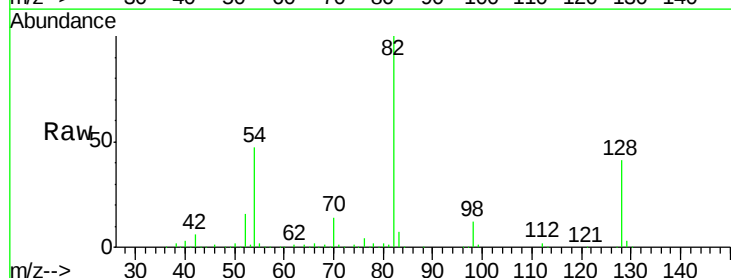
Instrument :
 BNA_F
 ClientSampled :
 PZ-6

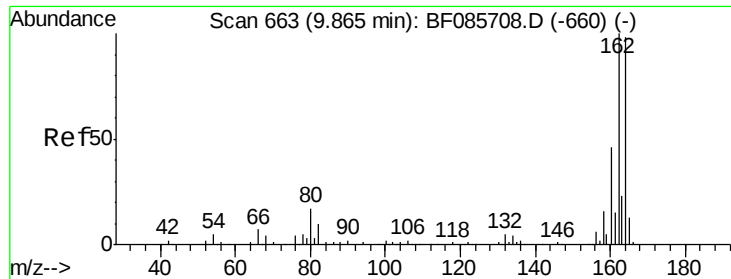
Tgt Ion: 82 Resp: 477481
 Ion Ratio Lower Upper
 82 100
 128 41.3 41.8 62.8#
 54 47.5 33.4 50.0



#25
 Isophorone
 Concen: 32.33 ng
 RT: 7.38 min Scan# 446
 Delta R.T. -0.27 min
 Lab File: BF085729.D
 Acq: 24 Mar 2016 22:33

Tgt Ion: 82 Resp: 453592
 Ion Ratio Lower Upper
 82 100
 95 0.0 5.4 8.2#
 138 0.0 12.9 19.3#





#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

Instrument :

BNA_F

ClientSampled :

PZ-6

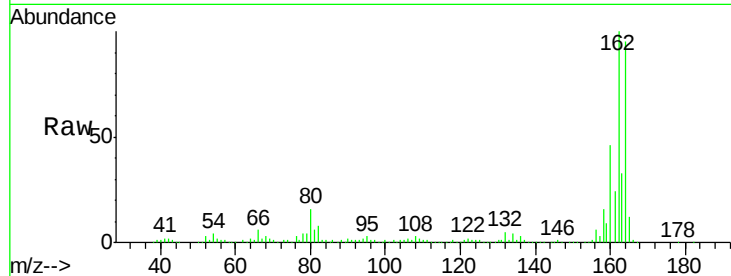
Tgt Ion:164 Resp: 205312

Ion Ratio Lower Upper

164 100

162 104.8 82.1 123.1

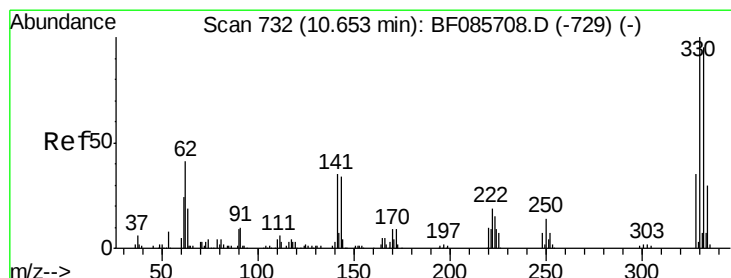
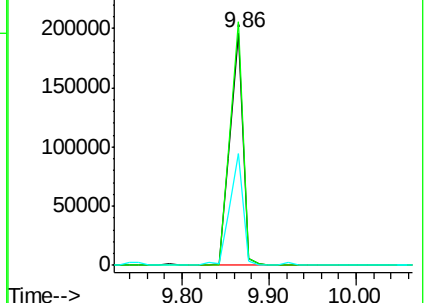
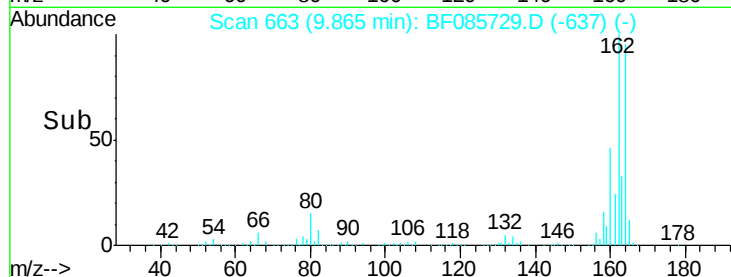
160 48.2 37.4 56.2



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: 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

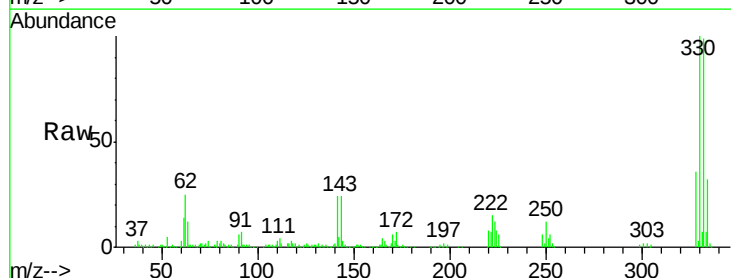
Tgt Ion:330 Resp: 227446

Ion Ratio Lower Upper

330 100

332 98.4 78.2 117.2

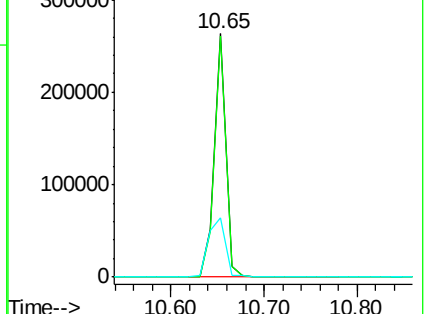
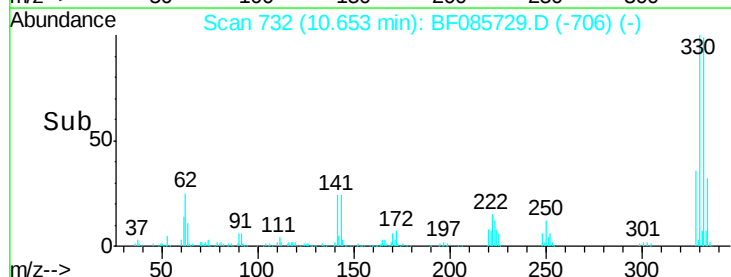
141 35.8 31.5 47.3

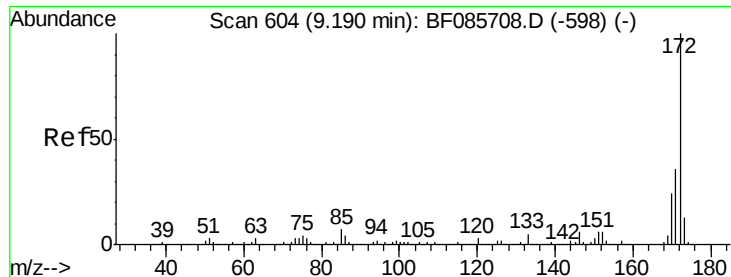


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

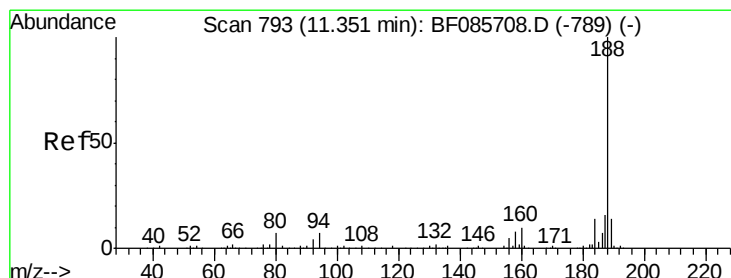
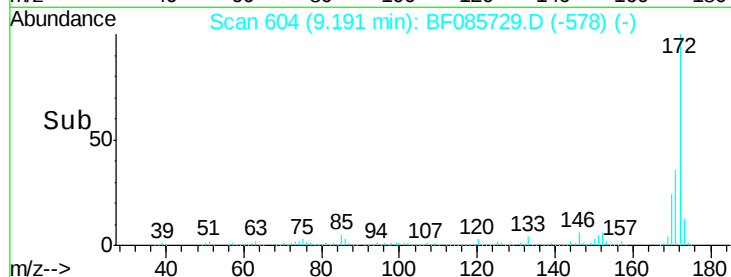
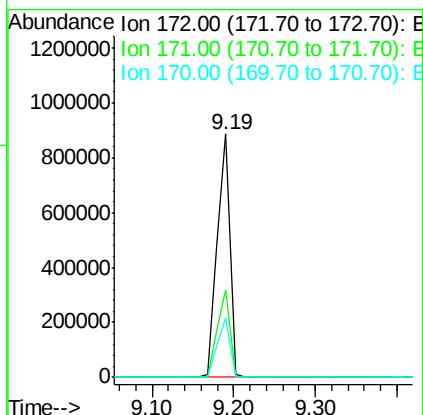
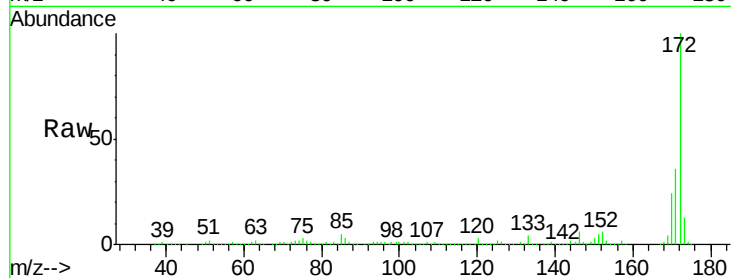




#44
 2-Fluorobiphenyl
 Concen: 77.98 ng
 RT: 9.19 min Scan# 604
 Delta R.T. 0.00 min
 Lab File: BF085729.D
 Acq: 24 Mar 2016 22:33

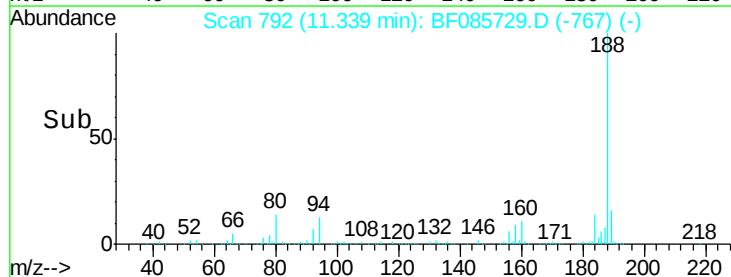
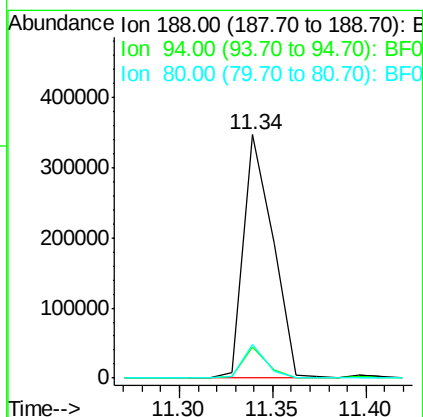
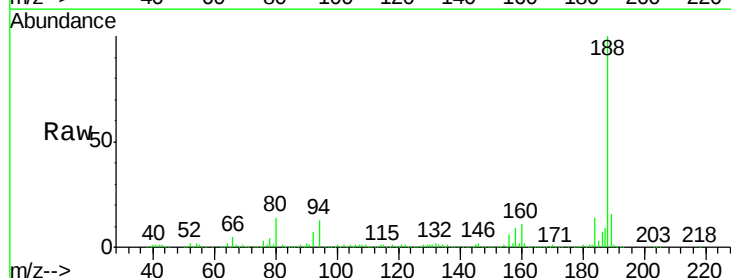
Instrument :
 BNA_F
 ClientSampleId :
 PZ-6

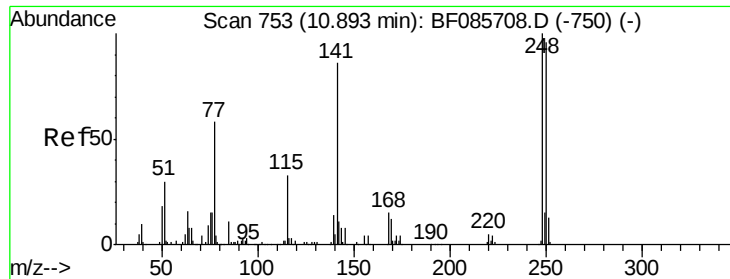
Tgt Ion:172 Resp: 958256
 Ion Ratio Lower Upper
 172 100
 171 35.8 29.4 44.2
 170 24.1 19.8 29.6



#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

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#

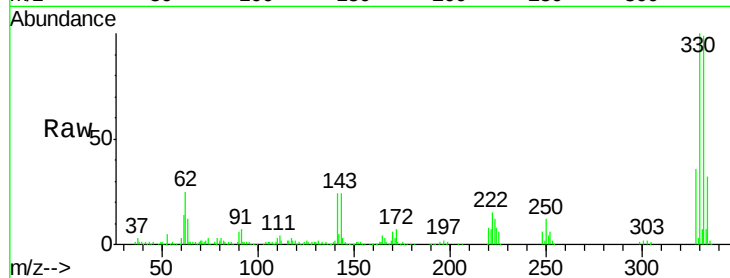




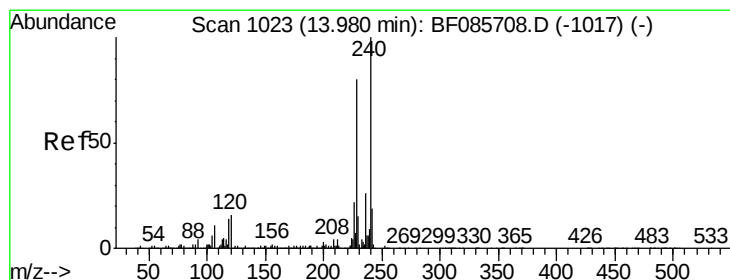
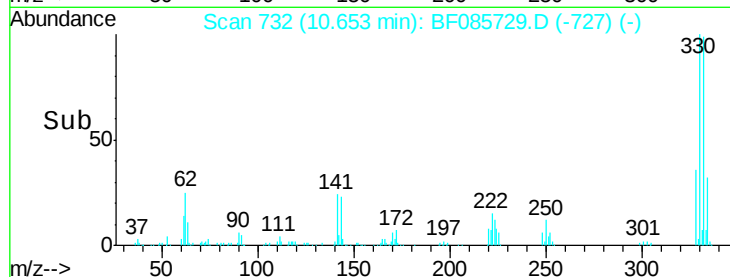
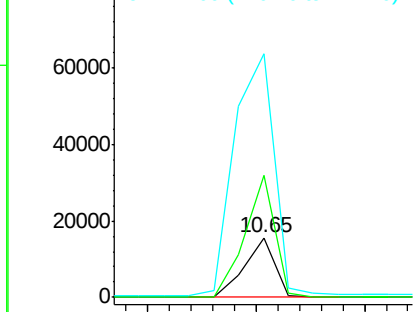
#66
4-Bromophenyl-phenylether
Concen: 3.85 ng
RT: 10.65 min Scan# 732
Delta R.T. -0.24 min
Lab File: BF085729.D
Acq: 24 Mar 2016 22:33

Instrument :
BNA_F
ClientSampleId :
PZ-6

Tgt Ion:248 Resp: 14955
Ion Ratio Lower Upper
248 100
250 205.3 77.4 116.0#
141 407.7 63.6 95.4#

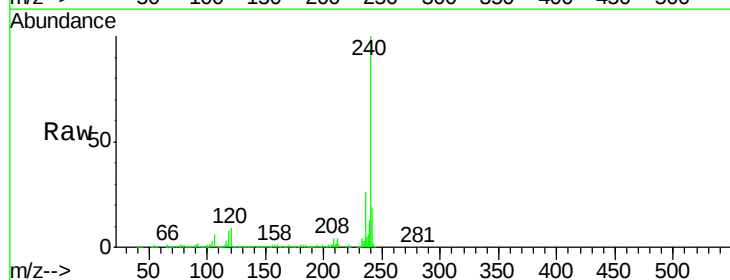


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

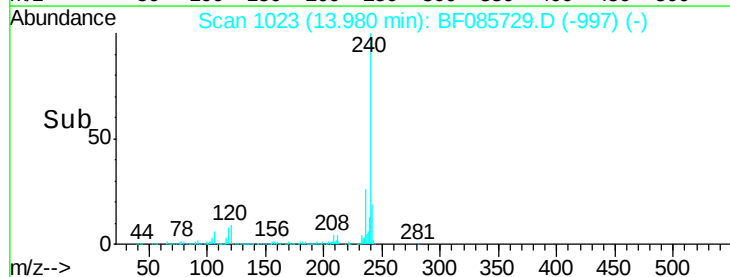
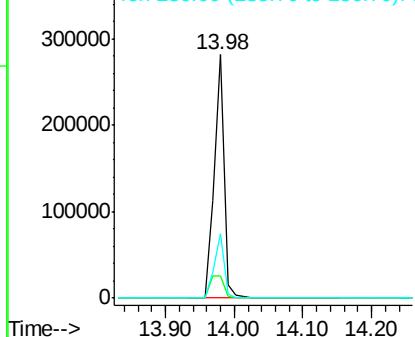


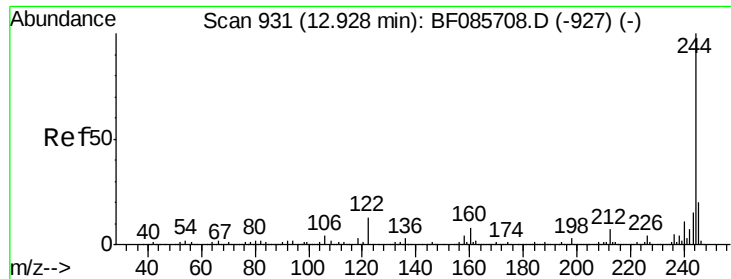
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.98 min Scan# 1023
Delta R.T. 0.00 min
Lab File: BF085729.D
Acq: 24 Mar 2016 22:33

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

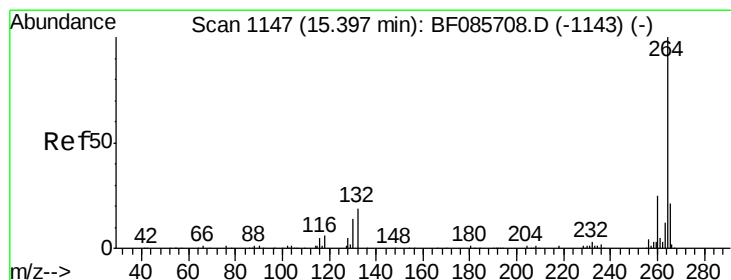
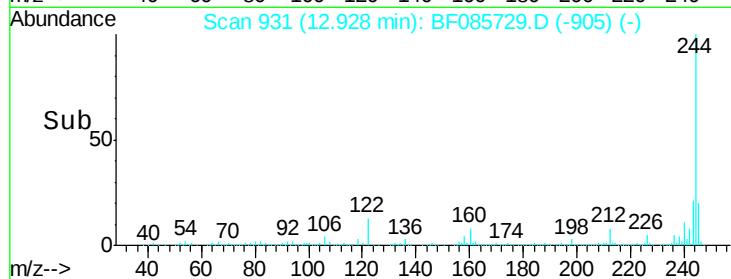
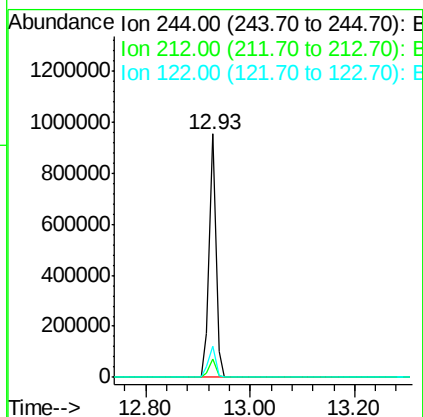
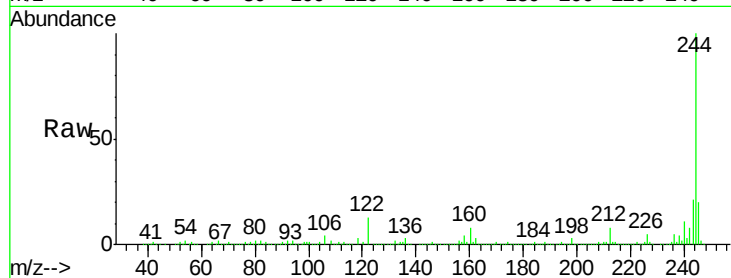




#78
 Terphenyl-d14
 Concen: 60.75 ng
 RT: 12.93 min Scan# 931
 Delta R.T. 0.00 min
 Lab File: BF085729.D
 Acq: 24 Mar 2016 22:33

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



#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

