

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF042915\
 Data File : BF078833.D
 Acq On : 30 Apr 2015 2:47
 Operator : TP/IZ
 Sample : G2003-06
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PZ-2(45-47)

Quant Time: Apr 30 03:48:37 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF042815.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 30 01:56:50 2015
 Response via : Initial Calibration

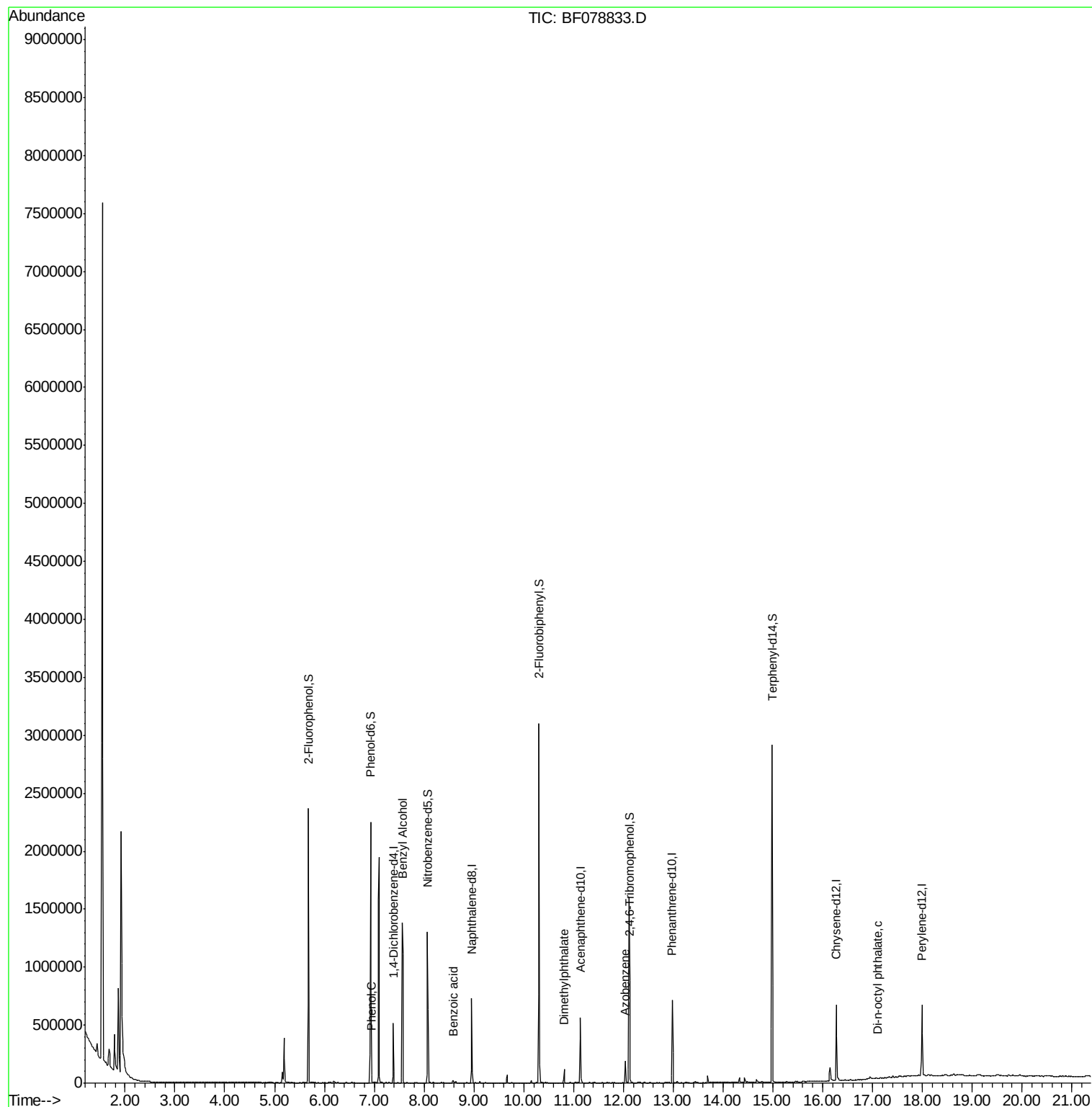
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.38	152	75083	20.00	ng	0.00
21) Naphthalene-d8	8.96	136	312181	20.00	ng	0.00
38) Acenaphthene-d10	11.14	164	143786	20.00	ng	0.00
63) Phenanthrene-d10	12.98	188	277432	20.00	ng	0.00
75) Chrysene-d12	16.27	240	285706	20.00	ng	-0.01
86) Perylene-d12	17.99	264	303110	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.68	112	663543	162.32	ng	0.01
7) Phenol-d6	6.92	99	835695	153.07	ng	0.00
23) Nitrobenzene-d5	8.07	82	464580	107.15	ng	0.00
41) 2,4,6-Tribromophenol	12.13	330	230759	160.15	ng	0.00
44) 2-Fluorobiphenyl	10.31	172	925714	88.17	ng	0.00
78) Terphenyl-d14	14.98	244	1000418	83.39	ng	0.00
Target Compounds						Qvalue
10) Phenol	6.95	94	25733	3.99	ng	90
15) Benzyl Alcohol	7.56	79	9132	2.24	ng	# 53
32) Benzoic acid	8.58	122	5158	3.91	ng	# 80
49) Dimethylphthalate	10.81	163	47357	4.63	ng	99
62) Azobenzene	12.03	77	53704	5.18	ng	# 9
84) Di-n-octyl phthalate	17.10	149	2758	7.08	ng	# 100

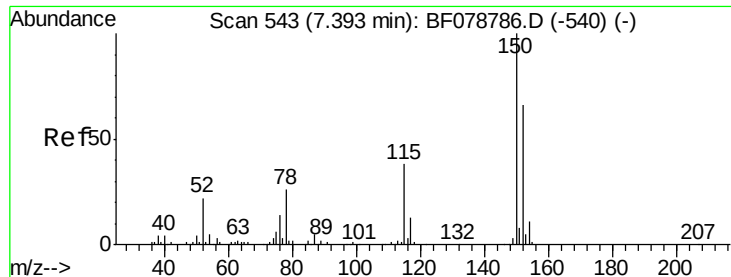
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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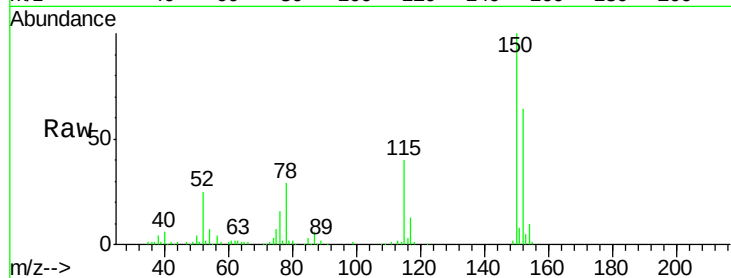


#1

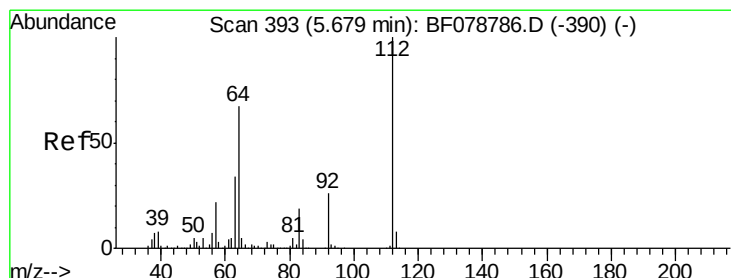
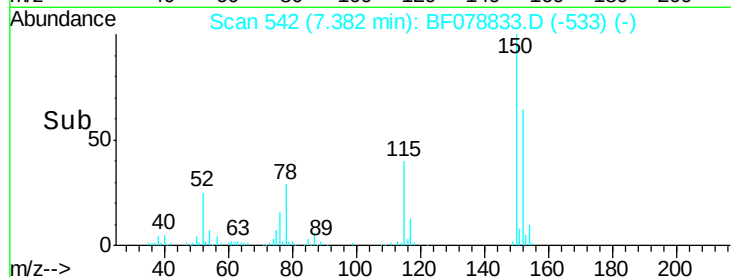
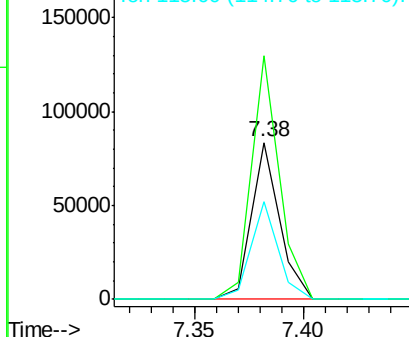
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.38 min Scan# 542
Delta R.T. -0.00 min
Lab File: BF078833.D
Acq: 30 Apr 2015 2:47

Instrument :
BNA_F
ClientSampleId :
PZ-2(45-47)

Tgt Ion:152 Resp: 75083
Ion Ratio Lower Upper
152 100
150 155.4 122.0 183.0
115 61.9 46.3 69.5



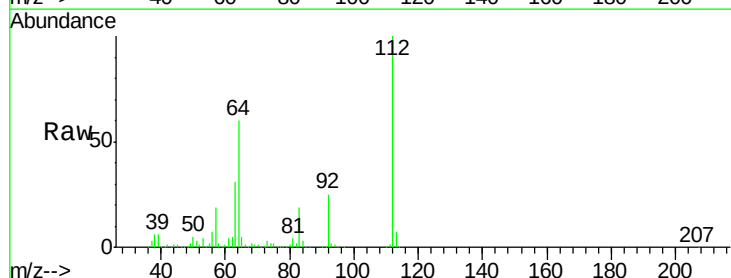
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



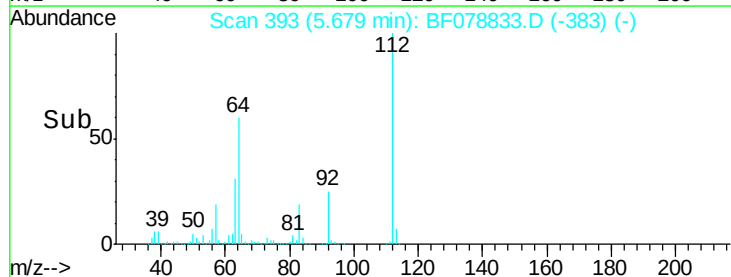
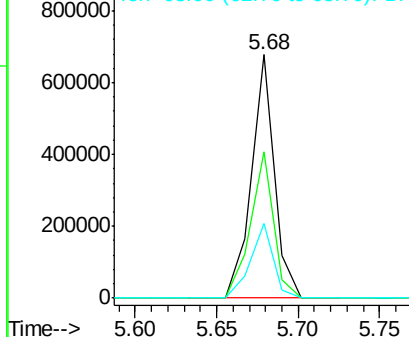
#5

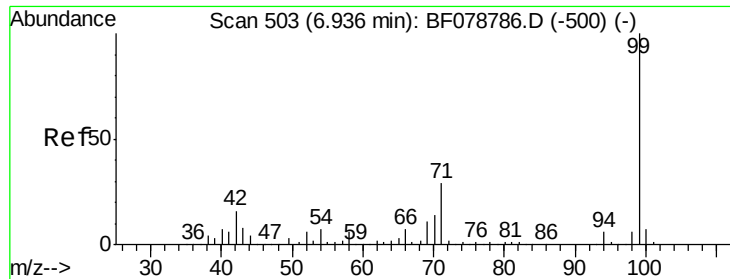
2-Fluorophenol
Concen: 162.32 ng
RT: 5.68 min Scan# 393
Delta R.T. 0.01 min
Lab File: BF078833.D
Acq: 30 Apr 2015 2:47

Tgt Ion:112 Resp: 663543
Ion Ratio Lower Upper
112 100
64 60.3 53.5 80.3
63 30.9 27.5 41.3



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: 153.07 ng

RT: 6.92 min Scan# 502

Delta R.T. -0.00 min

Lab File: BF078833.D

Acq: 30 Apr 2015 2:47

Instrument :

BNA_F

ClientSampleId :

PZ-2(45-47)

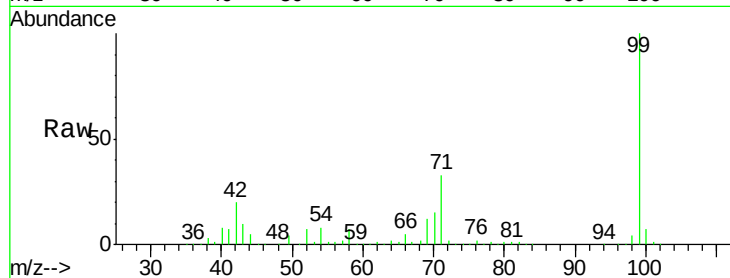
Tgt Ion: 99 Resp: 835695

Ion Ratio Lower Upper

99 100

42 20.4 12.8 19.2#

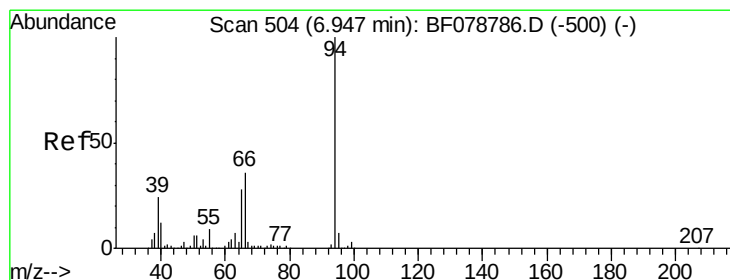
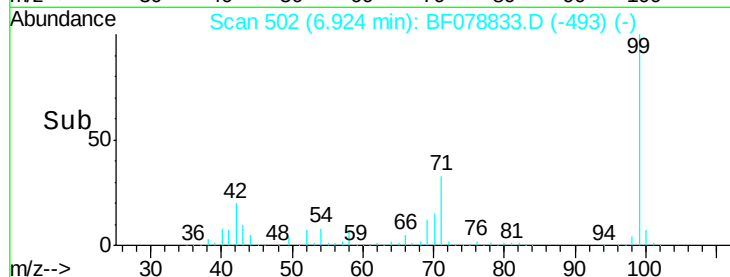
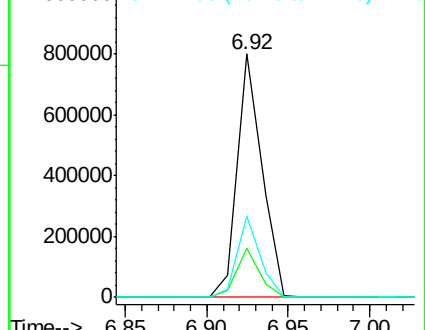
71 33.1 23.4 35.2



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



#10

Phenol

Concen: 3.99 ng

RT: 6.95 min Scan# 504

Delta R.T. 0.01 min

Lab File: BF078833.D

Acq: 30 Apr 2015 2:47

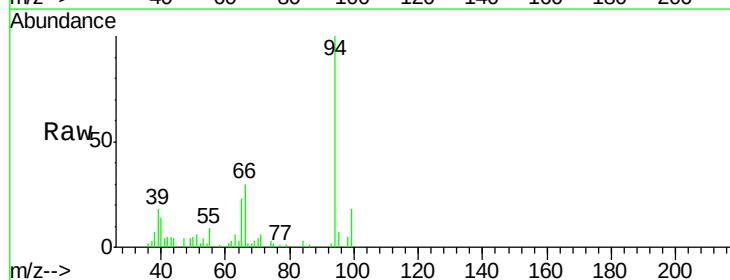
Tgt Ion: 94 Resp: 25733

Ion Ratio Lower Upper

94 100

65 23.3 8.5 48.5

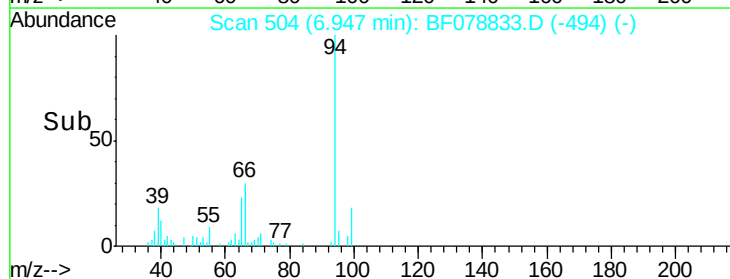
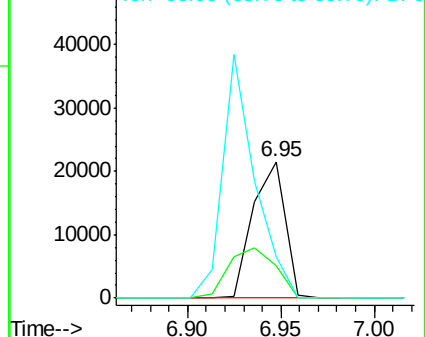
66 30.3 16.0 56.0

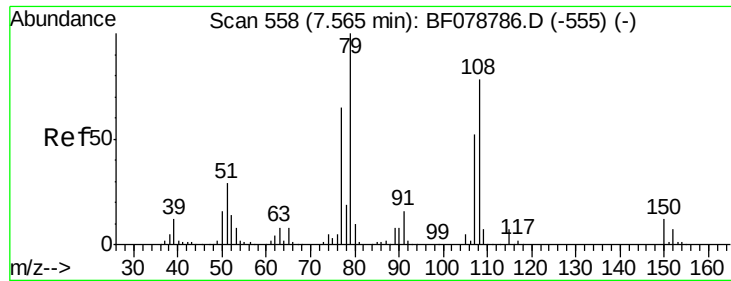


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

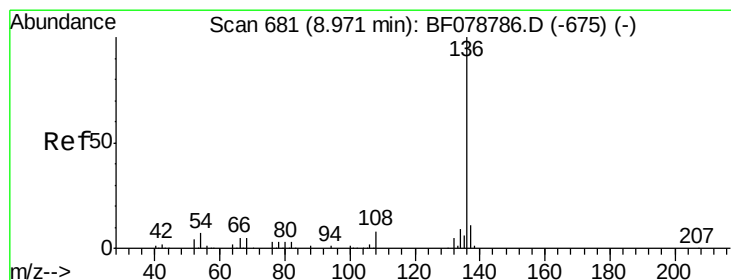
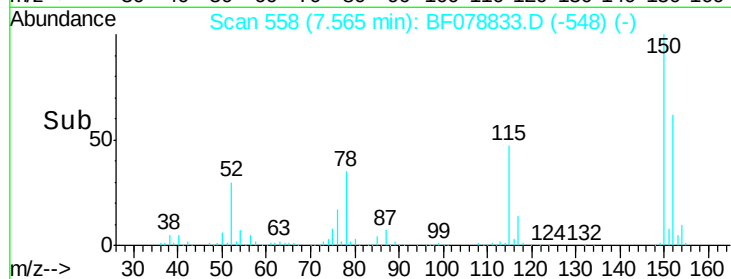
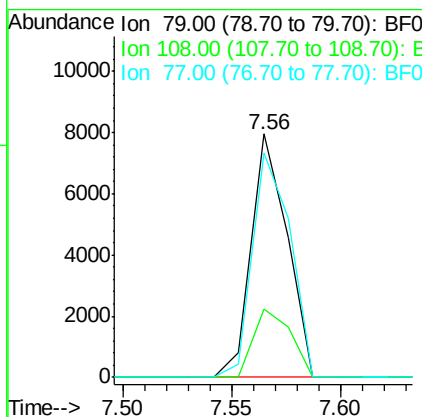
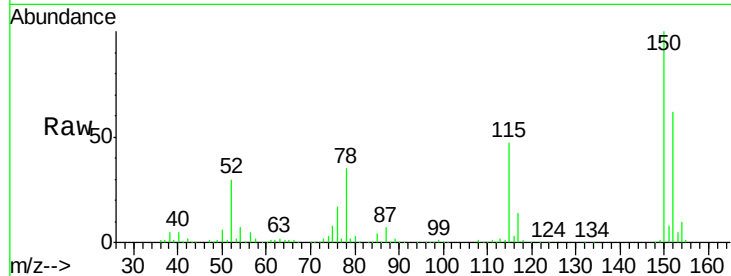




#15
Benzyl Alcohol
Concen: 2.24 ng
RT: 7.56 min Scan# 558
Delta R.T. 0.01 min
Lab File: BF078833.D
Acq: 30 Apr 2015 2:47

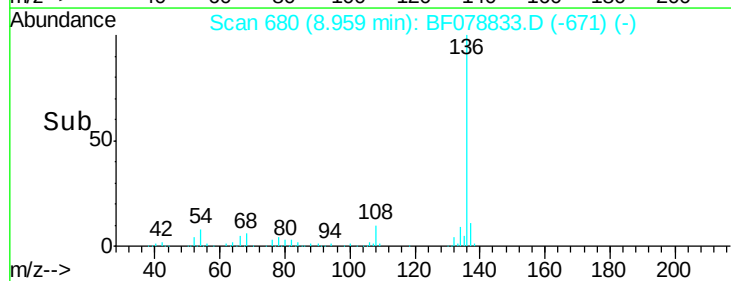
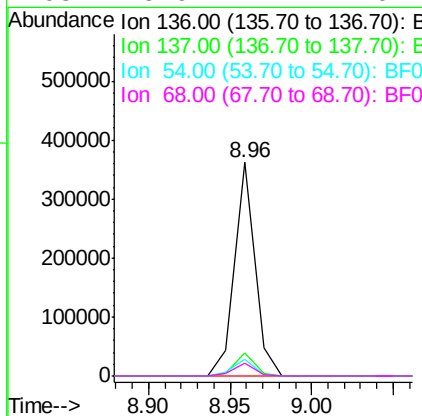
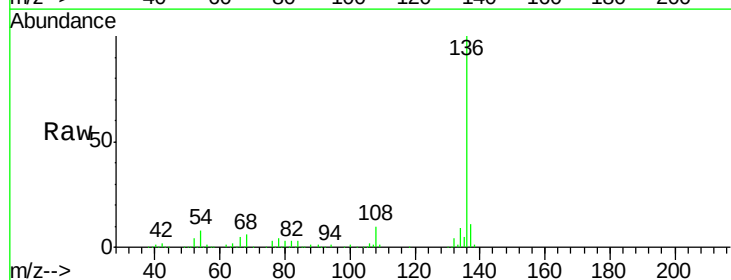
Instrument :
BNA_F
ClientSampleId :
PZ-2(45-47)

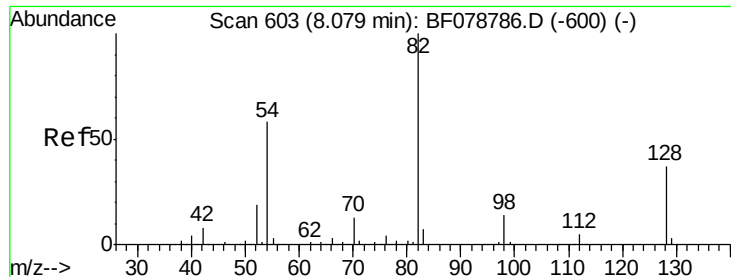
Tgt Ion: 79 Resp: 9132
Ion Ratio Lower Upper
79 100
108 28.1 62.5 93.7#
77 92.1 52.2 78.4#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.96 min Scan# 680
Delta R.T. -0.00 min
Lab File: BF078833.D
Acq: 30 Apr 2015 2:47

Tgt Ion: 136 Resp: 312181
Ion Ratio Lower Upper
136 100
137 10.8 8.7 13.1
54 7.9 5.8 8.8
68 5.9 4.2 6.4

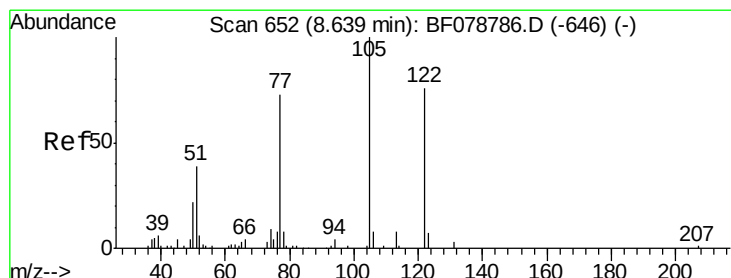
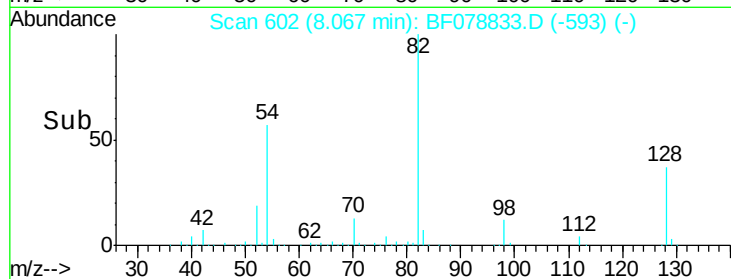
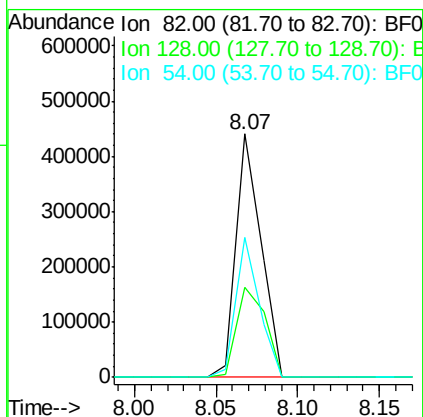
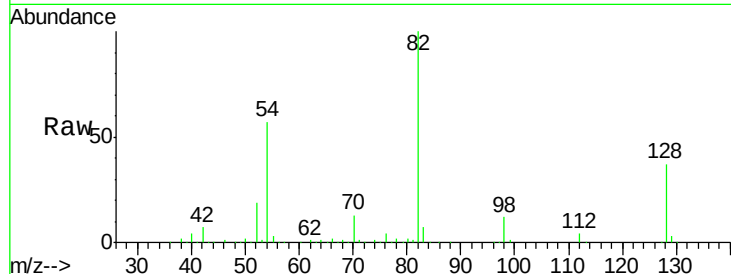




#23
 Nitrobenzene-d5
 Concen: 107.15 ng
 RT: 8.07 min Scan# 602
 Delta R.T. -0.00 min
 Lab File: BF078833.D
 Acq: 30 Apr 2015 2:47

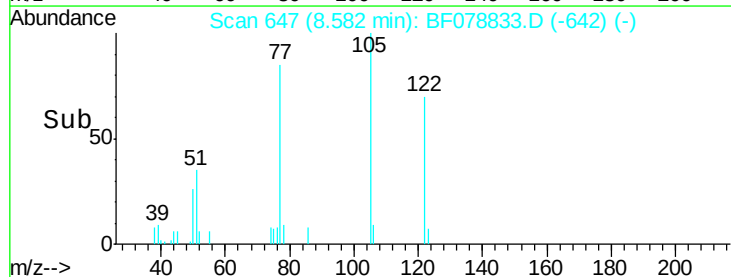
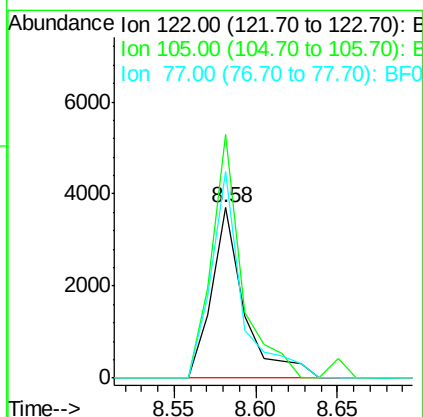
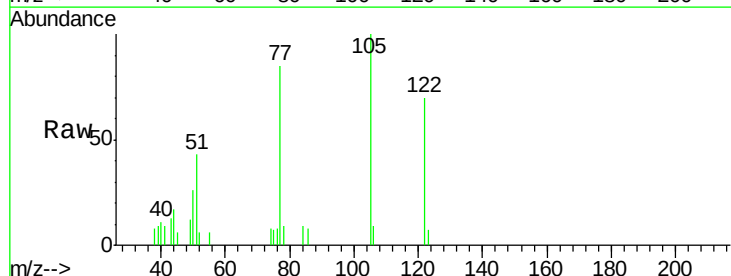
Instrument :
 BNA_F
 ClientSampleId :
 PZ-2(45-47)

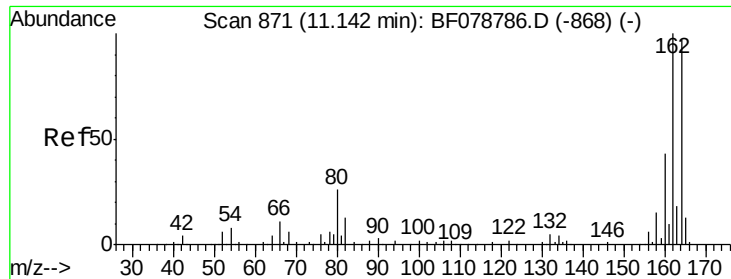
Tgt Ion	Ratio	Lower	Upper
82	100		
128	36.9	30.0	45.0
54	57.3	46.4	69.6



#32
 Benzoic acid
 Concen: 3.91 ng
 RT: 8.58 min Scan# 647
 Delta R.T. -0.05 min
 Lab File: BF078833.D
 Acq: 30 Apr 2015 2:47

Tgt Ion	Ratio	Lower	Upper
122	100		
105	142.8	107.1	147.1
77	121.4	73.9	113.9

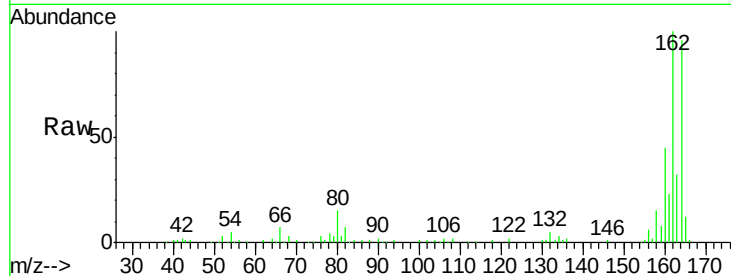




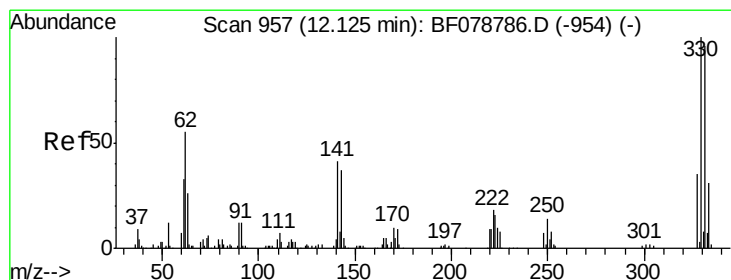
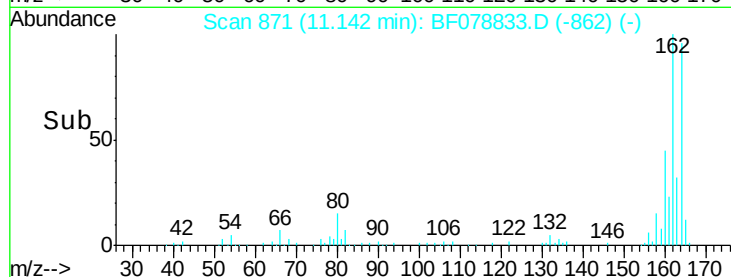
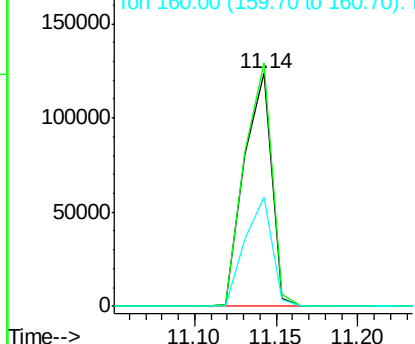
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 11.14 min Scan# 871
 Delta R.T. -0.00 min
 Lab File: BF078833.D
 Acq: 30 Apr 2015 2:47

Instrument :
 BNA_F
 ClientSampleId :
 PZ-2(45-47)

Tgt Ion:164 Resp: 143786
 Ion Ratio Lower Upper
 164 100
 162 104.4 82.7 124.1
 160 46.5 35.8 53.8

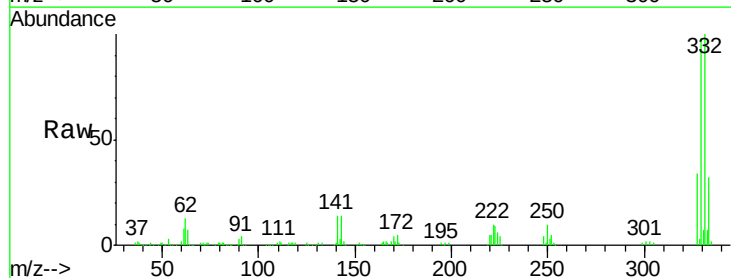


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

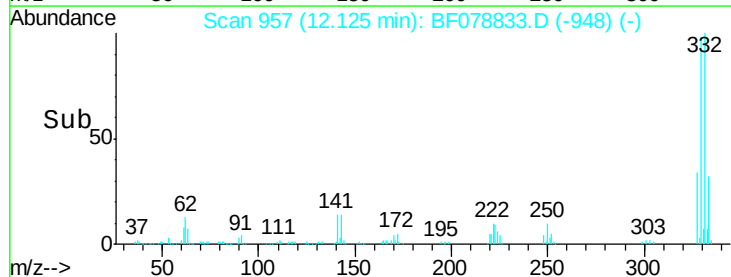
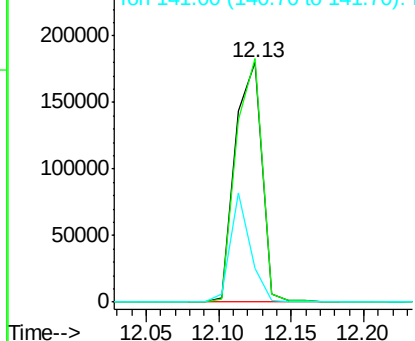


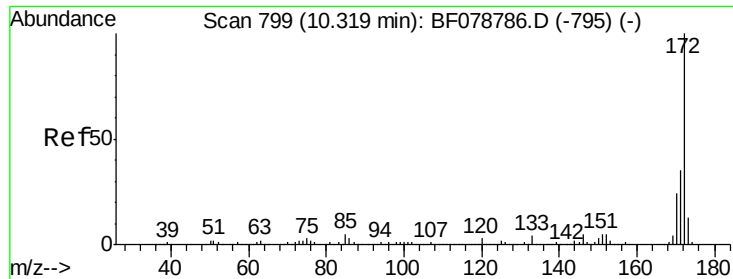
#41
 2,4,6-Tribromophenol
 Concen: 160.15 ng
 RT: 12.13 min Scan# 957
 Delta R.T. -0.00 min
 Lab File: BF078833.D
 Acq: 30 Apr 2015 2:47

Tgt Ion:330 Resp: 230759
 Ion Ratio Lower Upper
 330 100
 332 98.5 0.0 0.0#
 141 34.6 0.0 0.0#



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

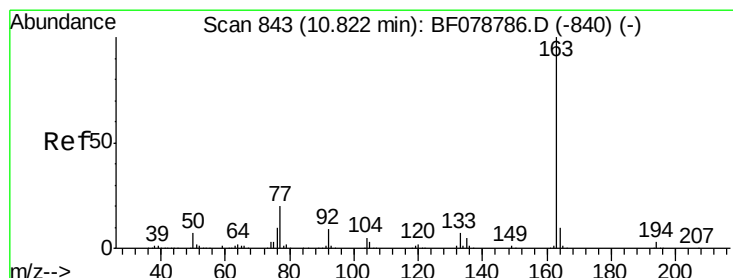
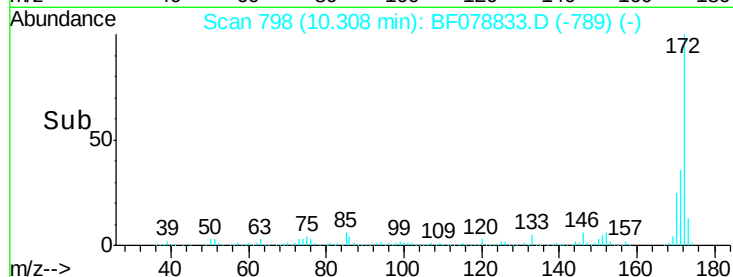
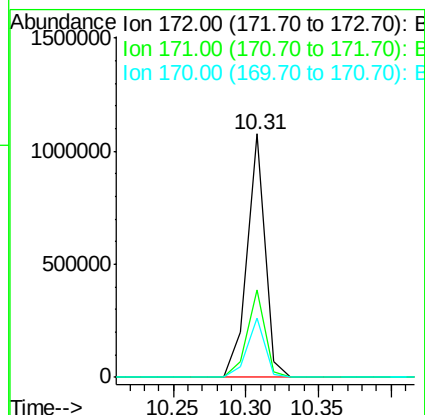
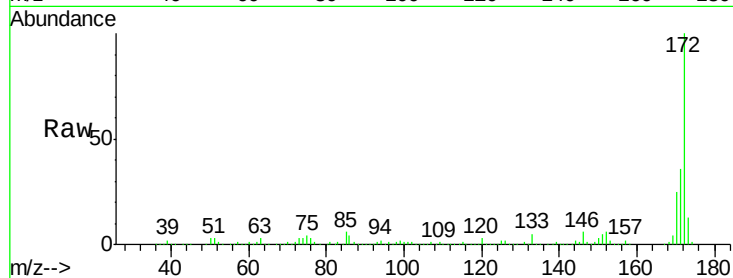




#44
2-Fluorobiphenyl
Concen: 88.17 ng
RT: 10.31 min Scan# 798
Delta R.T. -0.00 min
Lab File: BF078833.D
Acq: 30 Apr 2015 2:47

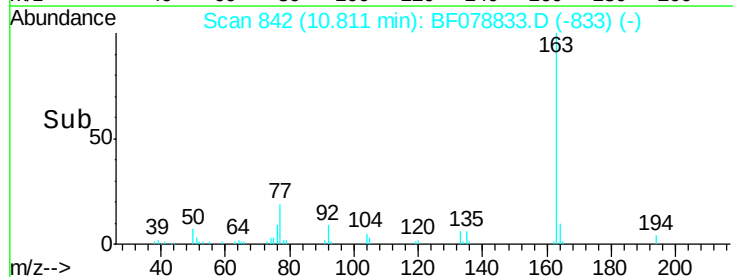
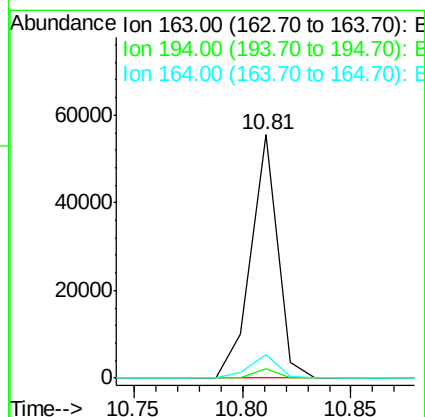
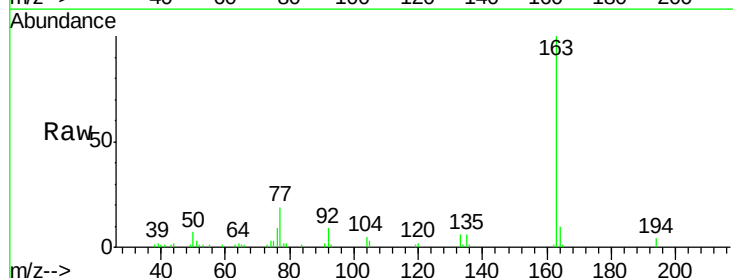
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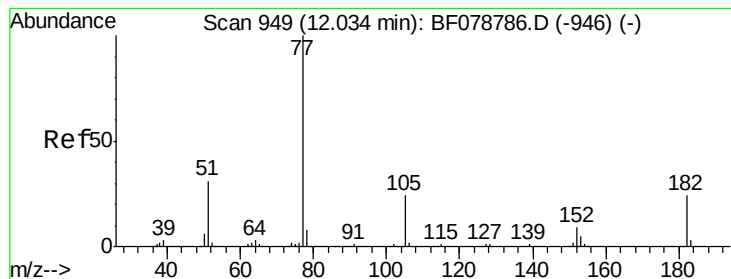
Tgt Ion:172 Resp: 925714
Ion Ratio Lower Upper
172 100
171 35.9 27.9 41.9
170 24.6 19.4 29.0



#49
Dimethylphthalate
Concen: 4.63 ng
RT: 10.81 min Scan# 842
Delta R.T. -0.00 min
Lab File: BF078833.D
Acq: 30 Apr 2015 2:47

Tgt Ion:163 Resp: 47357
Ion Ratio Lower Upper
163 100
194 3.8 2.6 4.0
164 9.7 8.1 12.1





#62

Azobenzene

Concen: 5.18 ng

RT: 12.03 min Scan# 949

Delta R.T. 0.01 min

Lab File: BF078833.D

Acq: 30 Apr 2015 2:47

Instrument :

BNA_F

ClientSampleId :

PZ-2(45-47)

Tgt Ion: 77 Resp: 53704

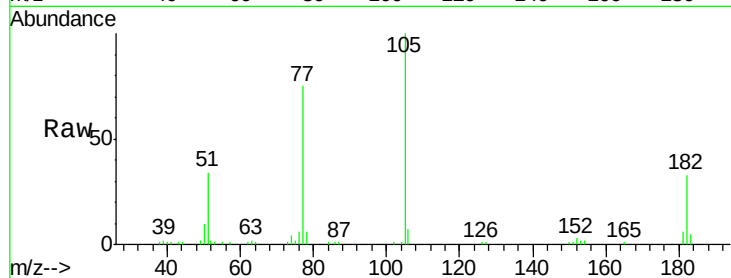
Ion Ratio Lower Upper

77 100

182 44.6 3.8 43.8#

105 133.1 3.9 43.9#

51 45.5 10.8 50.8

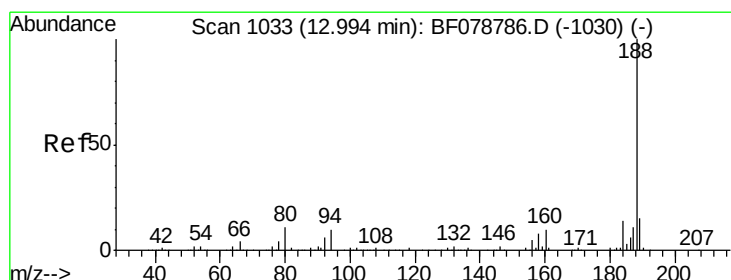
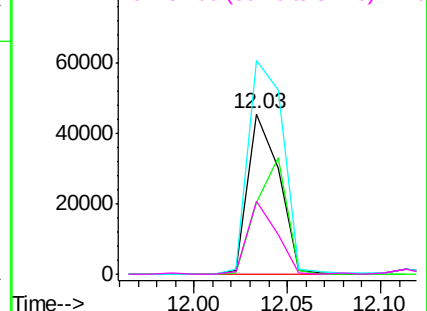
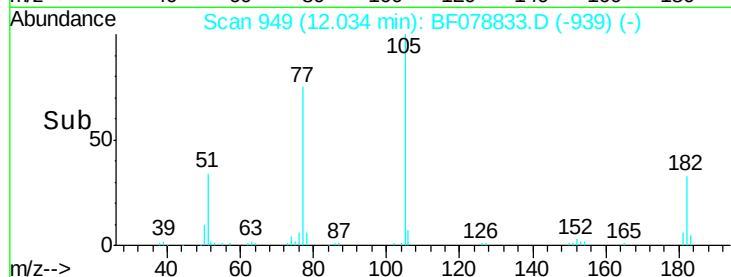


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 12.98 min Scan# 1032

Delta R.T. -0.00 min

Lab File: BF078833.D

Acq: 30 Apr 2015 2:47

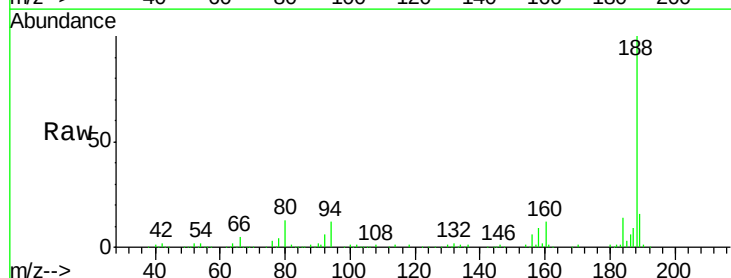
Tgt Ion: 188 Resp: 277432

Ion Ratio Lower Upper

188 100

94 12.1 8.2 12.2

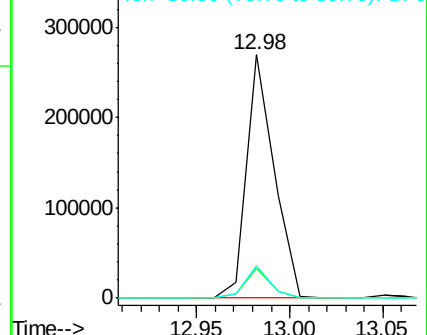
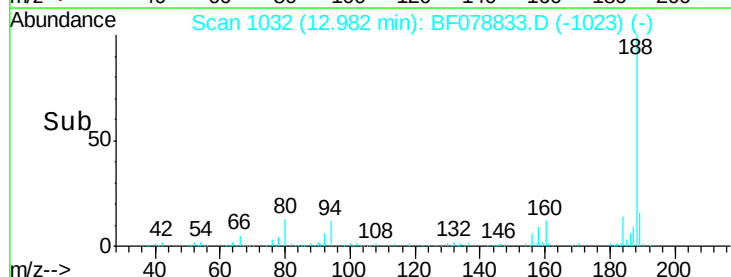
80 13.1 8.9 13.3

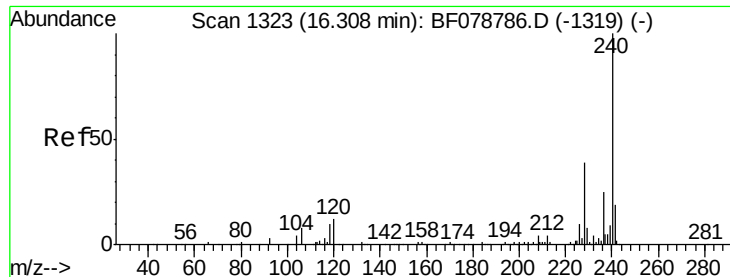


Abundance Ion 188.00 (187.70 to 188.70): E

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: 16.27 min Scan# 1320

Delta R.T. -0.01 min

Lab File: BF078833.D

Acq: 30 Apr 2015 2:47

Instrument :

BNA_F

ClientSampleId :

PZ-2(45-47)

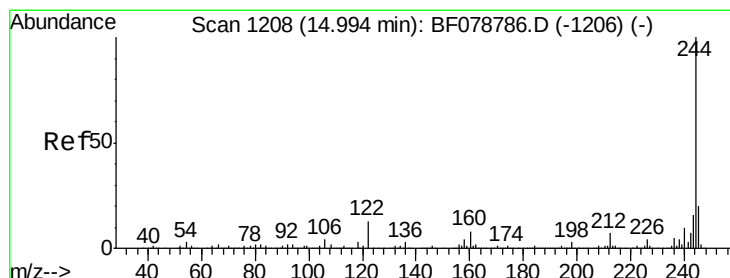
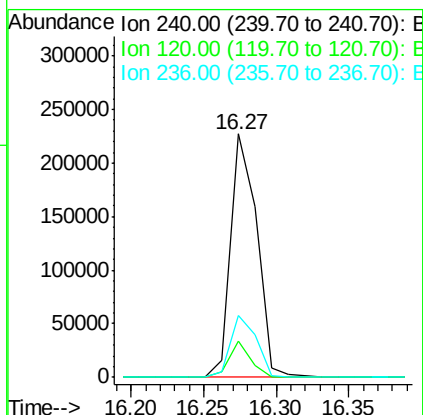
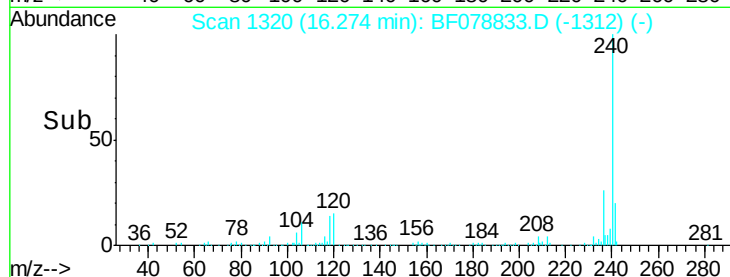
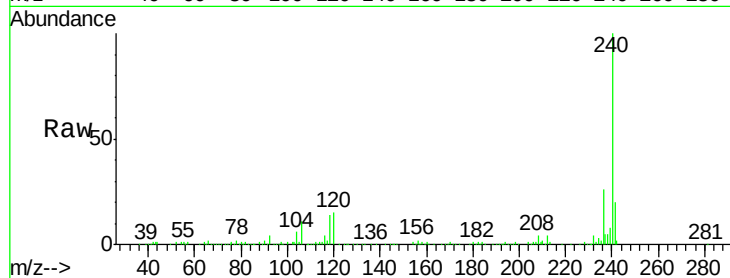
Tgt Ion:240 Resp: 285706

Ion Ratio Lower Upper

240 100

120 14.9 9.7 14.5#

236 25.6 20.2 30.4



#78

Terphenyl-d14

Concen: 83.39 ng

RT: 14.98 min Scan# 1207

Delta R.T. -0.00 min

Lab File: BF078833.D

Acq: 30 Apr 2015 2:47

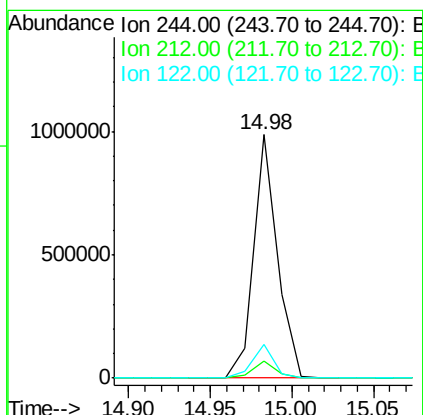
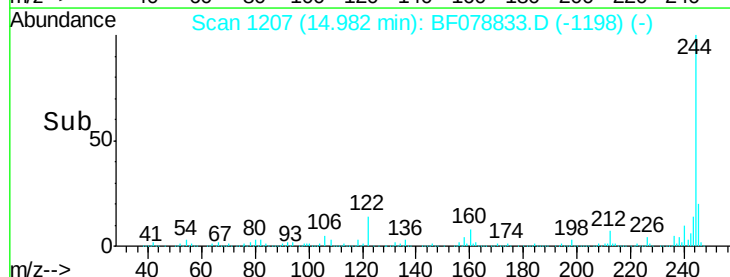
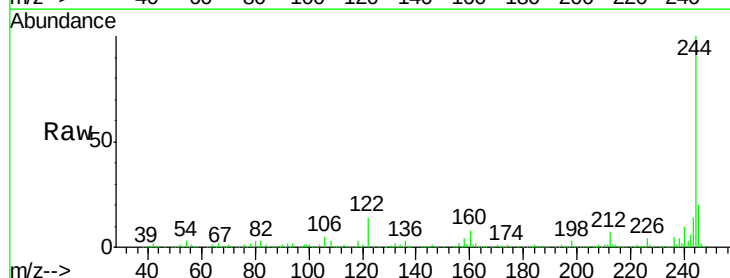
Tgt Ion:244 Resp: 1000418

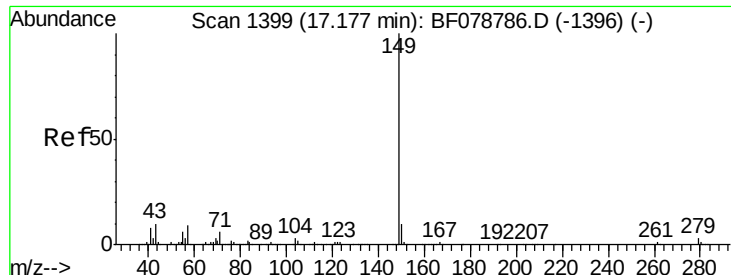
Ion Ratio Lower Upper

244 100

212 7.1 5.6 8.4

122 13.9 10.3 15.5

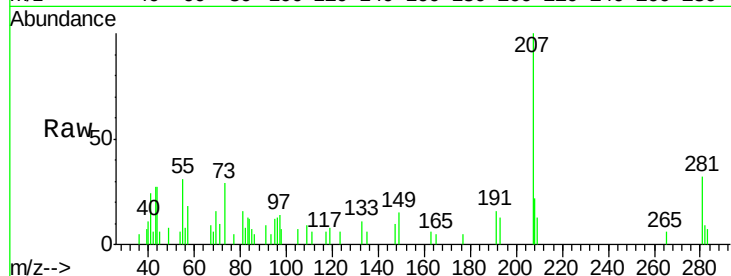




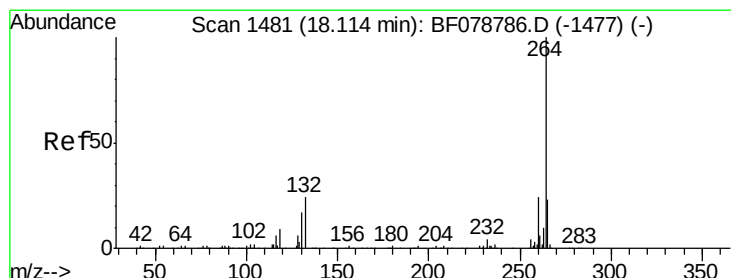
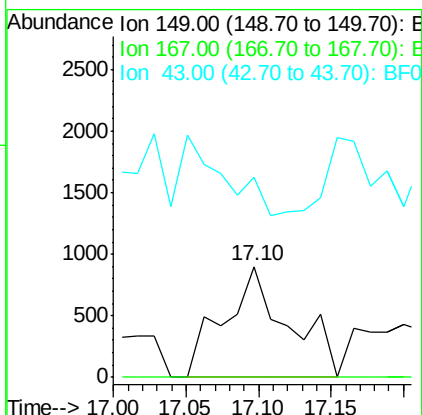
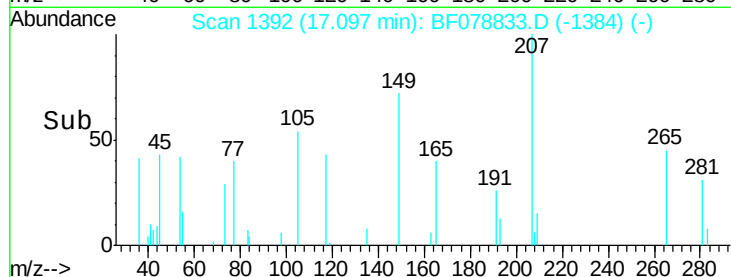
#84
Di-n-octyl phthalate
Concen: 7.08 ng
RT: 17.10 min Scan# 1392
Delta R.T. -0.01 min
Lab File: BF078833.D
Acq: 30 Apr 2015 2:47

Instrument :
BNA_F
ClientSampleId :
PZ-2(45-47)

Tgt Ion:	149	Resp:	2758
Ion	Ratio	Lower	Upper
149	100		
167	0.0	0.0	0.0
43	0.0	0.0	0.0

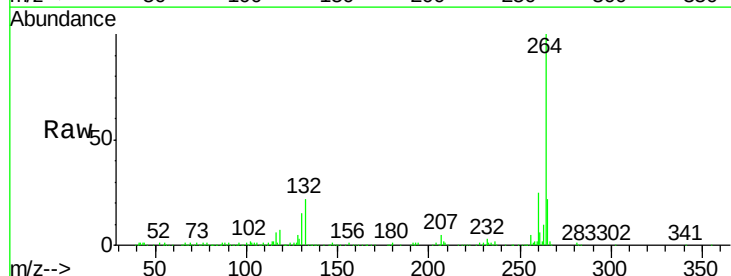


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF0



#86
Perylene-d12
Concen: 20.00 ng
RT: 17.99 min Scan# 1470
Delta R.T. -0.02 min
Lab File: BF078833.D
Acq: 30 Apr 2015 2:47

Tgt Ion:	264	Resp:	303110
Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.4	29.2
265	22.5	18.3	27.5



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

