

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF041315\
 Data File : BF078473.D
 Acq On : 13 Apr 2015 21:27
 Operator : TP/IZ
 Sample : G1677-13
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DEL-3S-2(7.0-7.5)

Quant Time: Apr 14 01:24:48 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 14 01:02:55 2015
 Response via : Initial Calibration

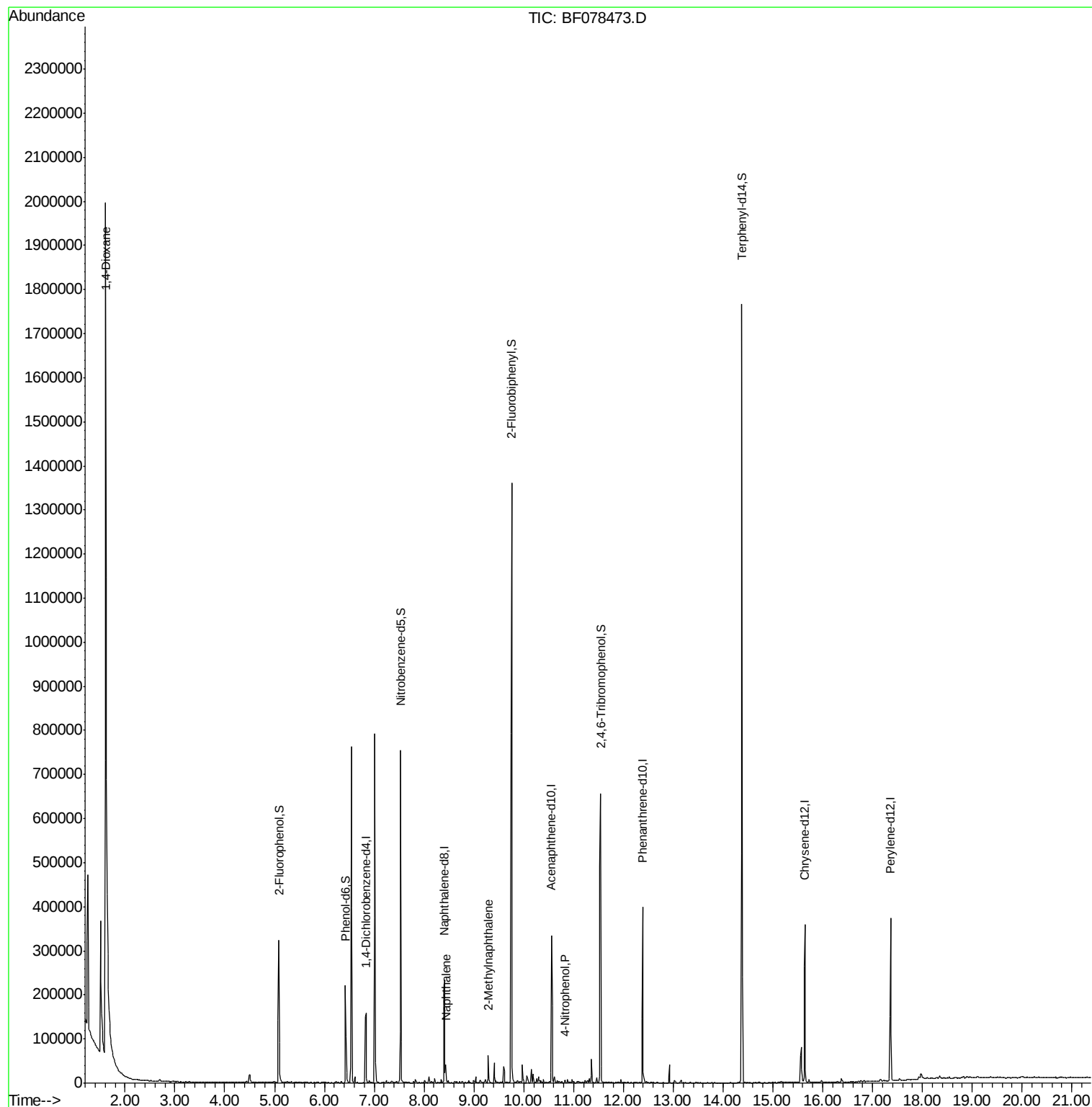
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	38257	20.00	ng	0.00
21) Naphthalene-d8	8.41	136	158090	20.00	ng	0.00
38) Acenaphthene-d10	10.56	164	78887	20.00	ng	-0.01
63) Phenanthrene-d10	12.39	188	164088	20.00	ng	0.00
75) Chrysene-d12	15.65	240	178183	20.00	ng	-0.01
86) Perylene-d12	17.36	264	165398	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.08	112	124098	53.48	ng	0.00
7) Phenol-d6	6.42	99	94842	32.62	ng	-0.01
23) Nitrobenzene-d5	7.53	82	232675	89.21	ng	-0.01
41) 2,4,6-Tribromophenol	11.54	330	103443	158.11	ng	0.00
44) 2-Fluorobiphenyl	9.76	172	516202	93.54	ng	0.00
78) Terphenyl-d14	14.38	244	613773	77.84	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	1.61	88	86989	82.91	ng	# 23
31) Naphthalene	8.43	128	20680	2.51	ng	98
37) 2-Methylnaphthalene	9.29	142	18152	3.25	ng	99
55) 4-Nitrophenol	10.82	139	331	3.08	ng	# 18

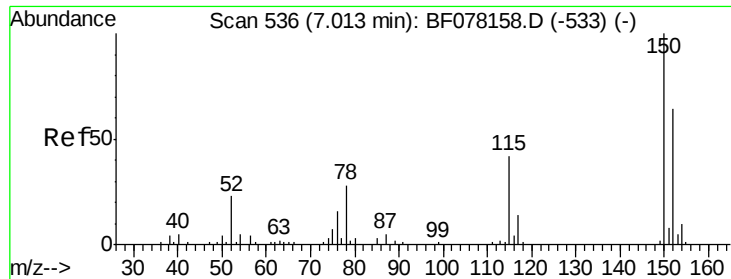
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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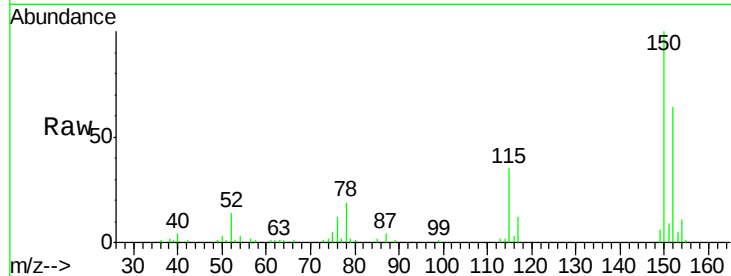


#1

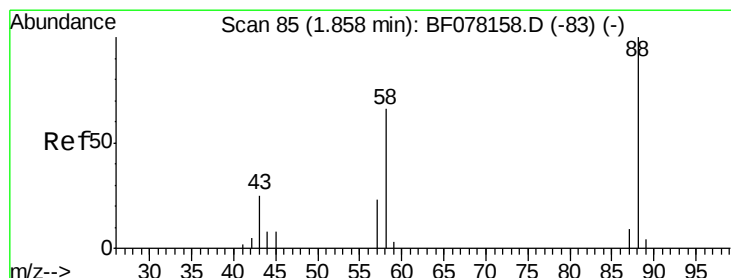
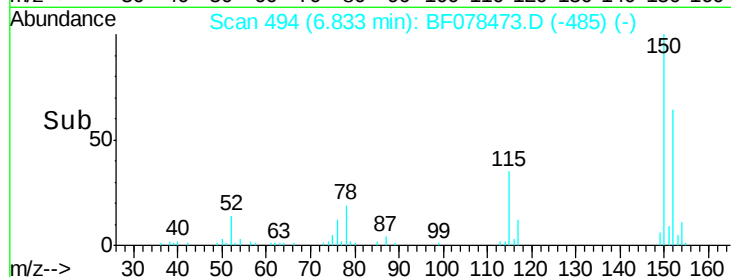
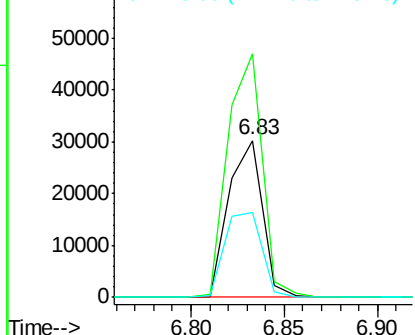
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.83 min Scan# 494
Delta R.T. 0.00 min
Lab File: BF078473.D
Acq: 13 Apr 2015 21:27

Instrument :
BNA_F
ClientSampleId :
DEL-3S-2(7.0-7.5)

Tgt Ion:152 Resp: 38257
Ion Ratio Lower Upper
152 100
150 155.5 125.9 188.9
115 53.8 52.7 79.1



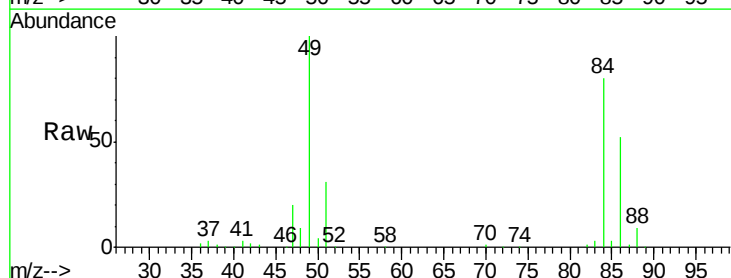
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



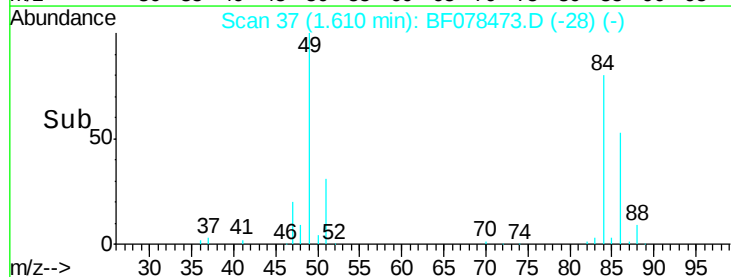
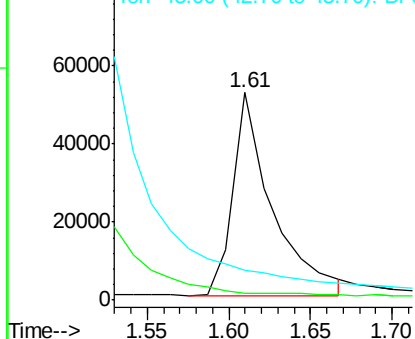
#2

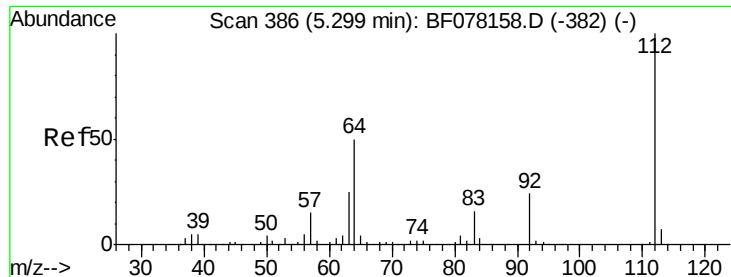
1,4-Dioxane
Concen: 82.91 ng
RT: 1.61 min Scan# 37
Delta R.T. 0.00 min
Lab File: BF078473.D
Acq: 13 Apr 2015 21:27

Tgt Ion: 88 Resp: 86989
Ion Ratio Lower Upper
88 100
58 0.0 56.9 85.3#
43 0.0 21.4 32.2#



Abundance Ion 88.00 (87.70 to 88.70): BF0
Ion 58.00 (57.70 to 58.70): BF0
Ion 43.00 (42.70 to 43.70): BF0





#5

2-Fluorophenol

Concen: 53.48 ng

RT: 5.08 min Scan# 341

Delta R.T. 0.00 min

Lab File: BF078473.D

Acq: 13 Apr 2015 21:27

Instrument :

BNA_F

ClientSampleId :

DEL-3S-2(7.0-7.5)

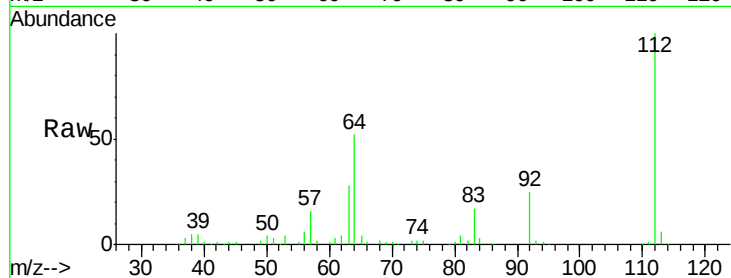
Tgt Ion: 112 Resp: 124098

Ion Ratio Lower Upper

112 100

64 52.1 39.9 59.9

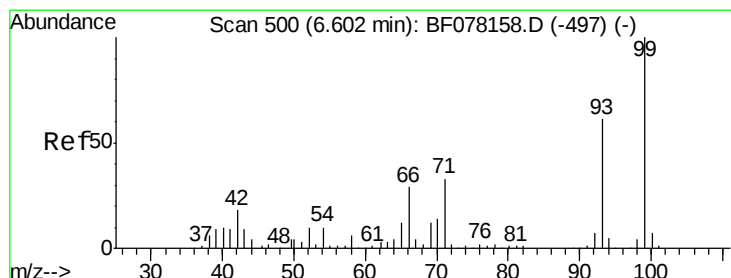
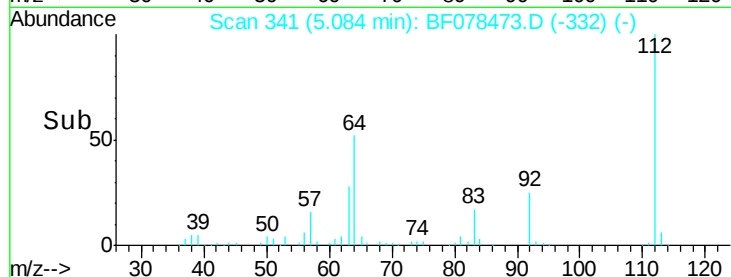
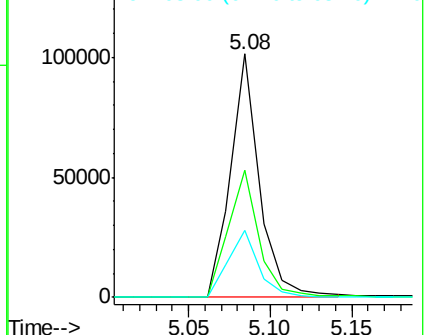
63 27.7 20.2 30.4



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: 32.62 ng

RT: 6.42 min Scan# 458

Delta R.T. -0.01 min

Lab File: BF078473.D

Acq: 13 Apr 2015 21:27

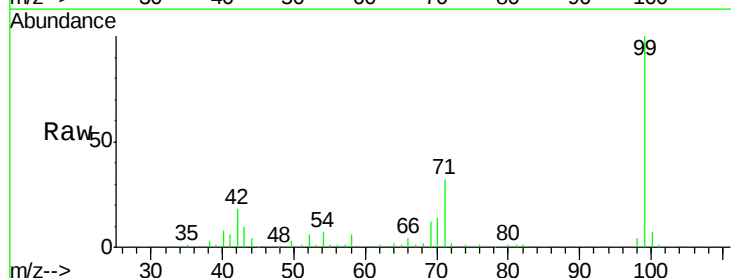
Tgt Ion: 99 Resp: 94842

Ion Ratio Lower Upper

99 100

42 17.8 14.8 22.2

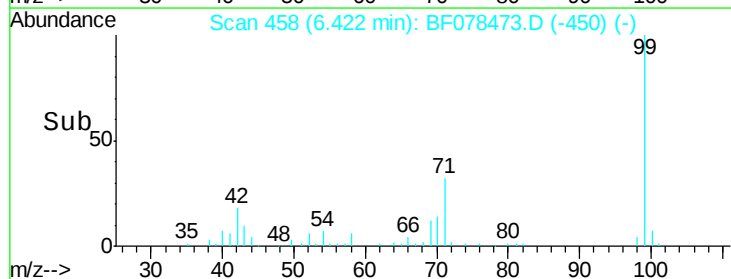
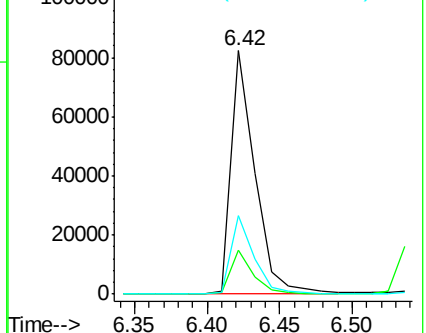
71 32.5 26.6 39.8

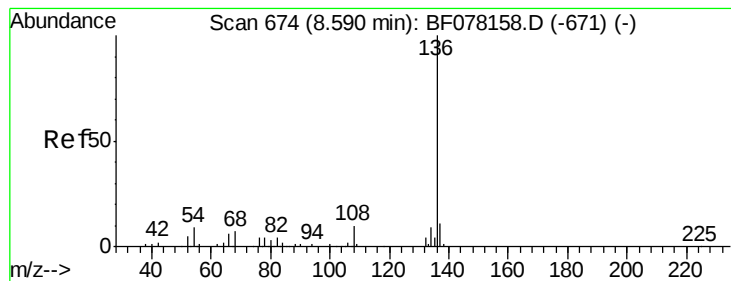


Abundance Ion 99.00 (98.70 to 99.70): BF0

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: 8.41 min Scan# 632

Delta R.T. 0.00 min

Lab File: BF078473.D

Acq: 13 Apr 2015 21:27

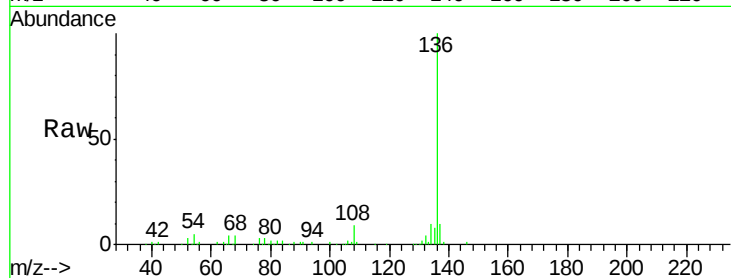
Instrument :

BNA_F

ClientSampleId :

DEL-3S-2(7.0-7.5)

Tgt Ion:	136	Resp:	158090
Ion	Ratio	Lower	Upper
136	100		
137	10.0	9.0	13.4
54	5.3	7.0	10.6#
68	4.0	5.4	8.2#

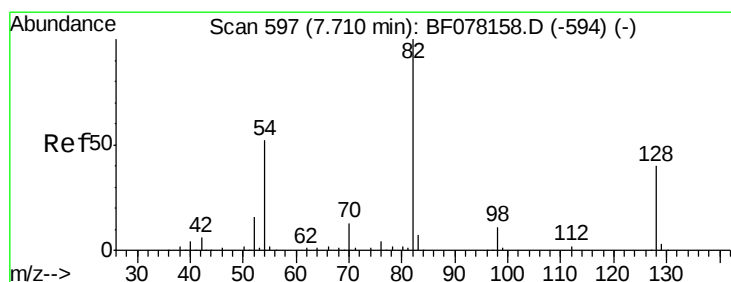
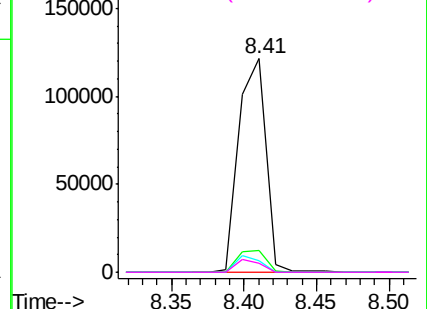
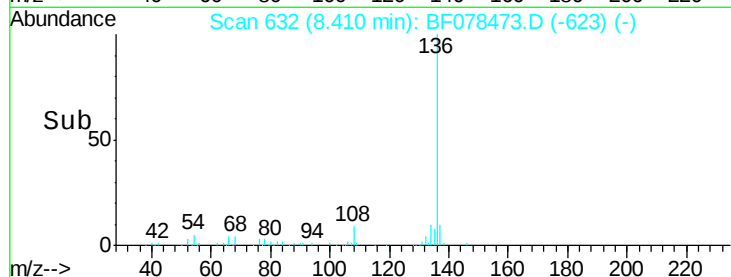


Abundance Ion 136.00 (135.70 to 136.70): E

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: 89.21 ng

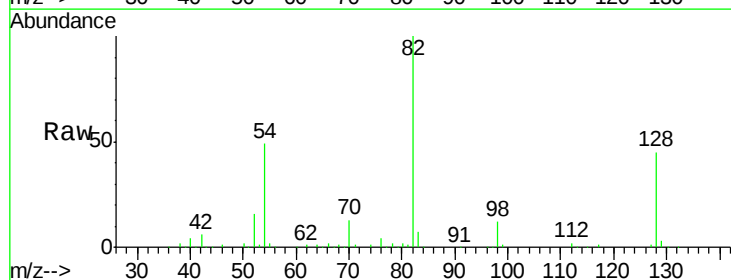
RT: 7.53 min Scan# 555

Delta R.T. -0.01 min

Lab File: BF078473.D

Acq: 13 Apr 2015 21:27

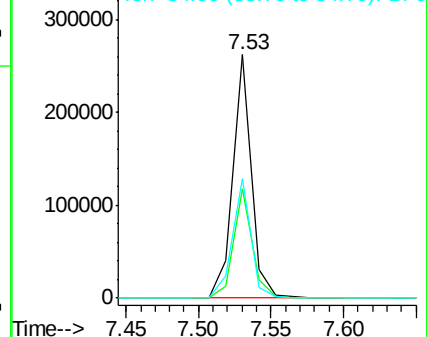
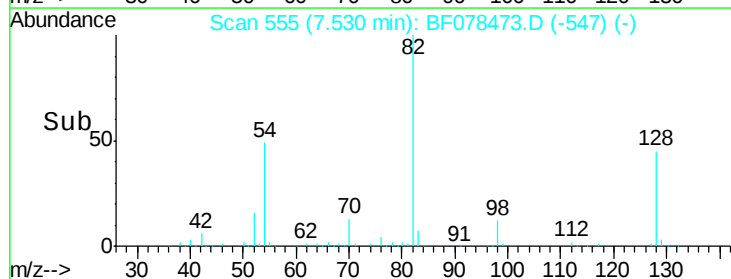
Tgt Ion:	82	Resp:	232675
Ion	Ratio	Lower	Upper
82	100		
128	44.7	31.8	47.8
54	49.3	41.5	62.3

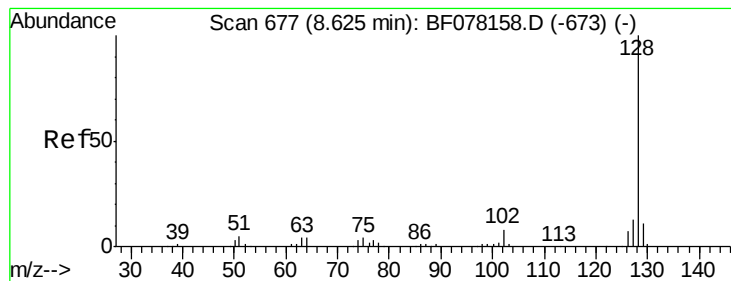


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#31

Naphthalene

Concen: 2.51 ng

RT: 8.43 min Scan# 634

Delta R.T. 0.00 min

Lab File: BF078473.D

Acq: 13 Apr 2015 21:27

Instrument :

BNA_F

ClientSampleId :

DEL-3S-2(7.0-7.5)

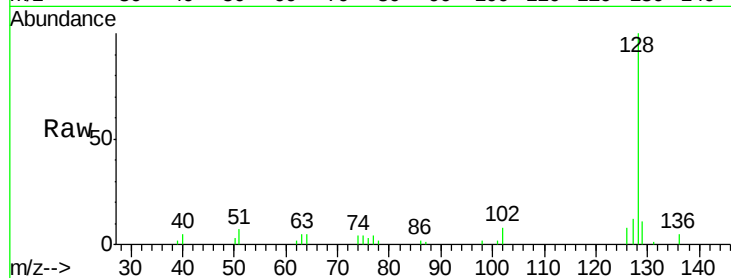
Tgt Ion:128 Resp: 20680

Ion Ratio Lower Upper

128 100

129 11.2 8.6 12.8

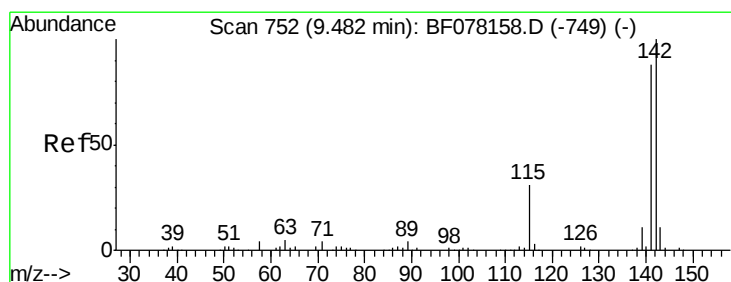
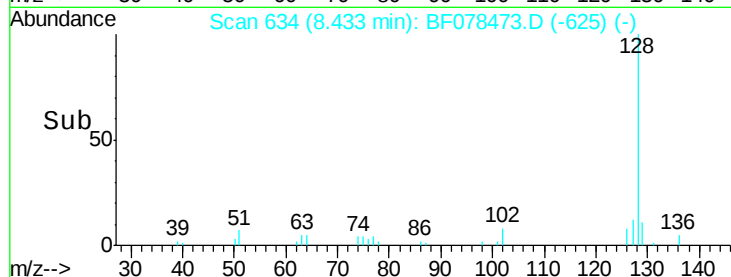
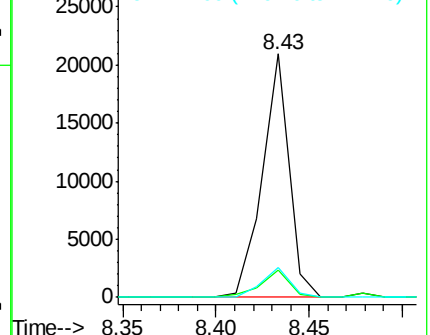
127 12.3 10.7 16.1



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#37

2-Methylnaphthalene

Concen: 3.25 ng

RT: 9.29 min Scan# 709

Delta R.T. 0.00 min

Lab File: BF078473.D

Acq: 13 Apr 2015 21:27

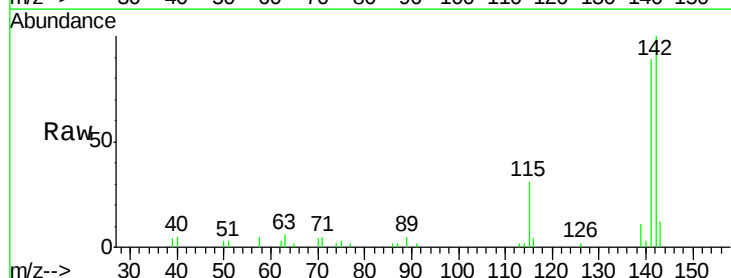
Tgt Ion:142 Resp: 18152

Ion Ratio Lower Upper

142 100

141 88.9 70.3 105.5

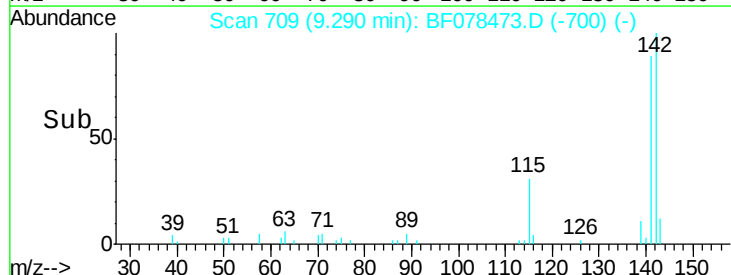
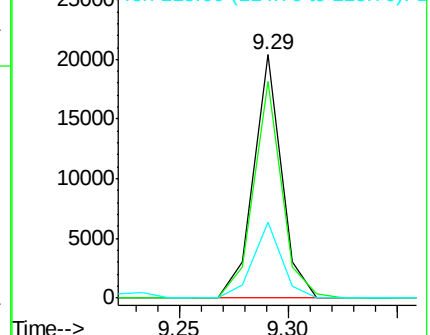
115 31.2 24.6 37.0

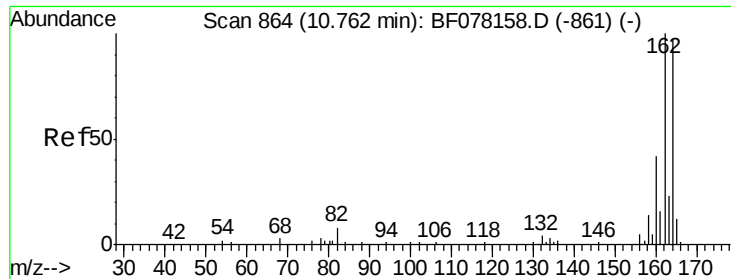


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

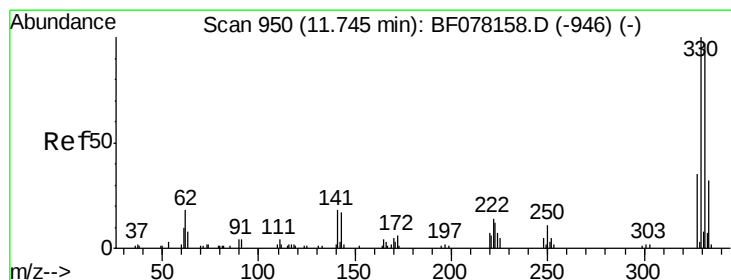
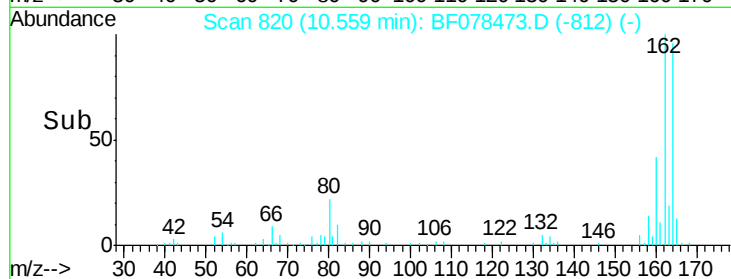
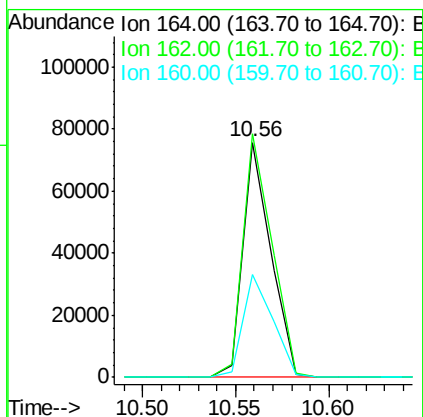
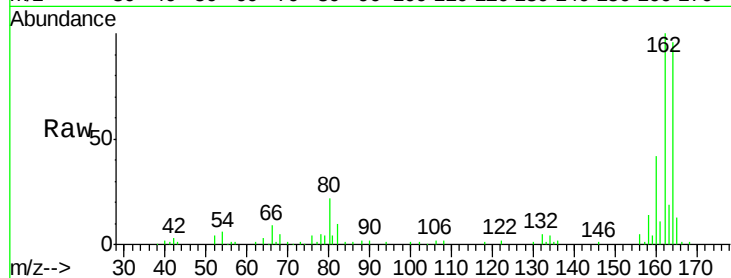




#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.56 min Scan# 820
 Delta R.T. -0.01 min
 Lab File: BF078473.D
 Acq: 13 Apr 2015 21:27

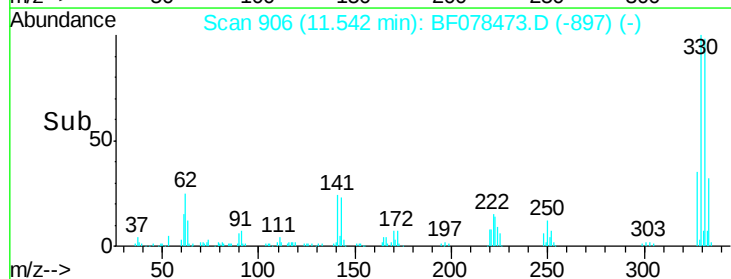
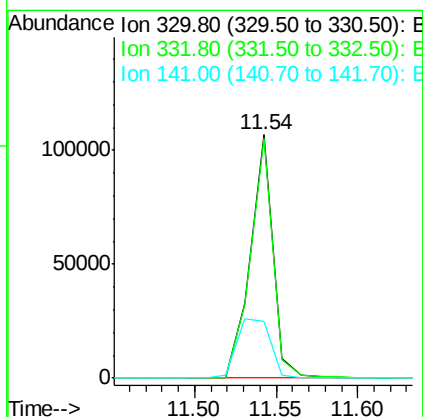
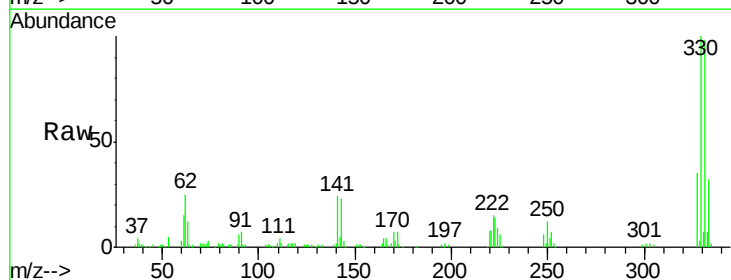
Instrument :
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 DEL-3S-2(7.0-7.5)

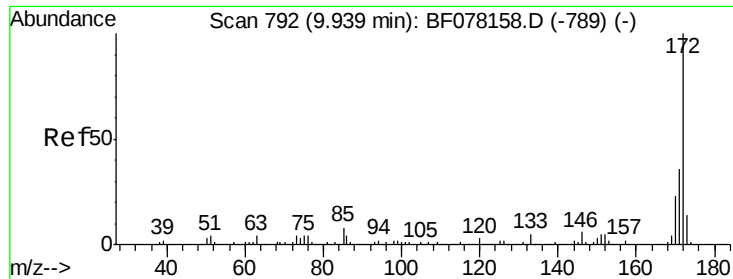
Tgt Ion:164 Resp: 78887
 Ion Ratio Lower Upper
 164 100
 162 103.7 82.2 123.2
 160 44.0 34.7 52.1



#41
 2,4,6-Tribromophenol
 Concen: 158.11 ng
 RT: 11.54 min Scan# 906
 Delta R.T. 0.00 min
 Lab File: BF078473.D
 Acq: 13 Apr 2015 21:27

Tgt Ion:330 Resp: 103443
 Ion Ratio Lower Upper
 330 100
 332 98.3 78.6 117.8
 141 35.9 31.2 46.8

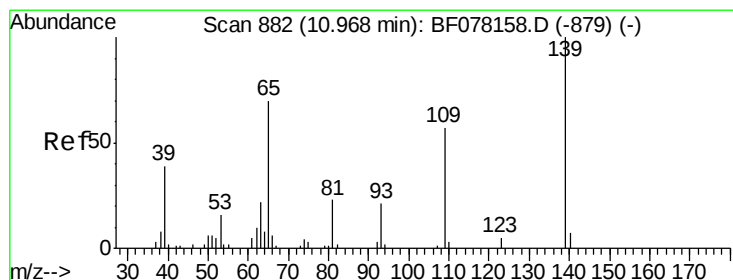
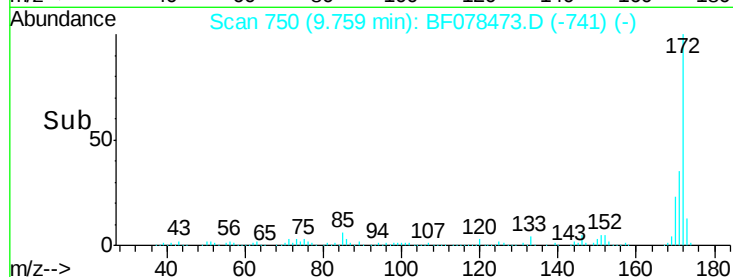
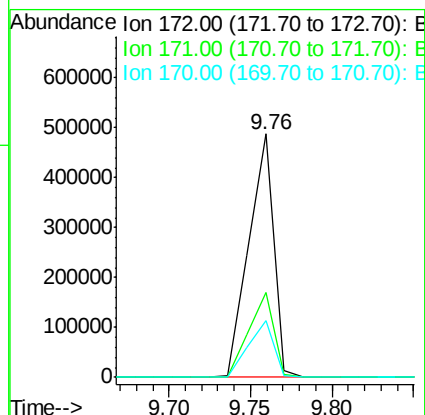
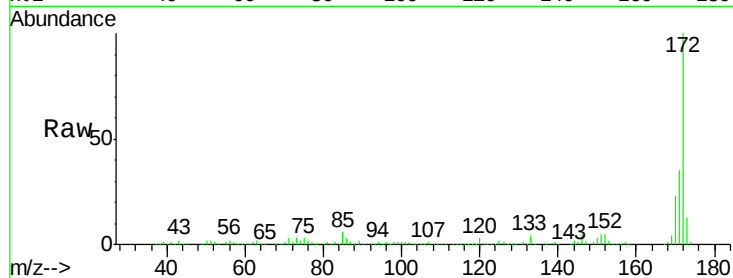




#44
 2-Fluorobiphenyl
 Concen: 93.54 ng
 RT: 9.76 min Scan# 750
 Delta R.T. 0.00 min
 Lab File: BF078473.D
 Acq: 13 Apr 2015 21:27

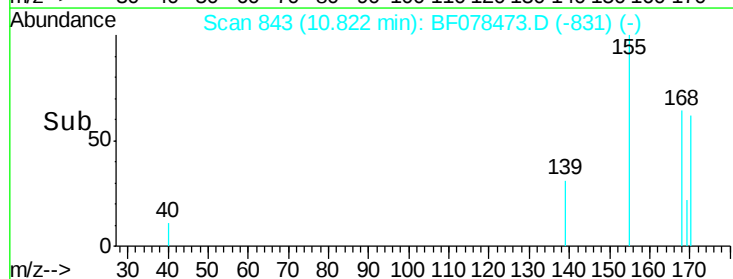
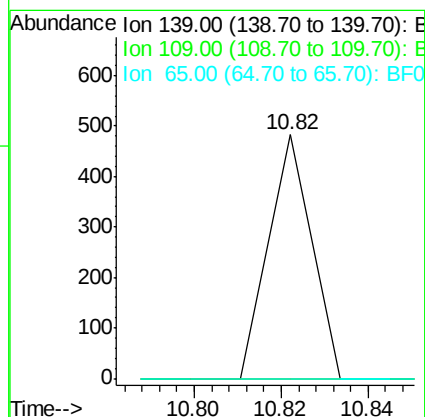
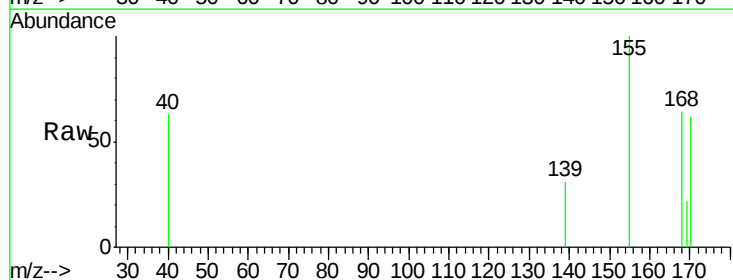
Instrument :
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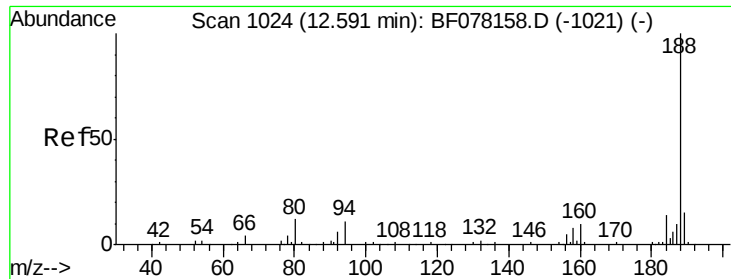
Tgt Ion:172 Resp: 516202
 Ion Ratio Lower Upper
 172 100
 171 35.0 28.6 42.8
 170 23.3 18.5 27.7



#55
 4-Nitrophenol
 Concen: 3.08 ng
 RT: 10.82 min Scan# 843
 Delta R.T. 0.03 min
 Lab File: BF078473.D
 Acq: 13 Apr 2015 21:27

Tgt Ion:139 Resp: 331
 Ion Ratio Lower Upper
 139 100
 109 0.0 36.7 76.7#
 65 0.0 49.9 89.9#

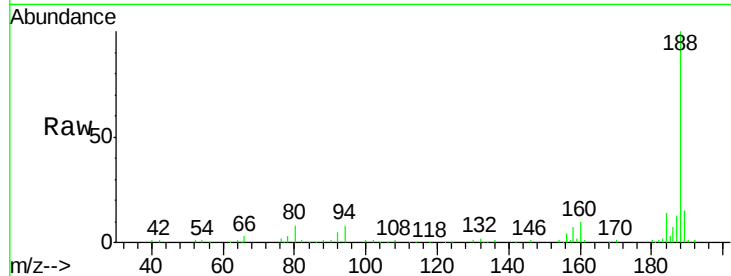




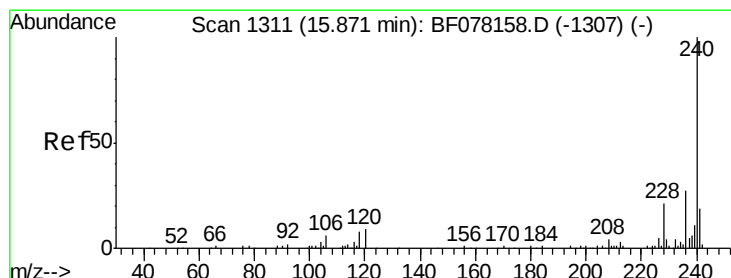
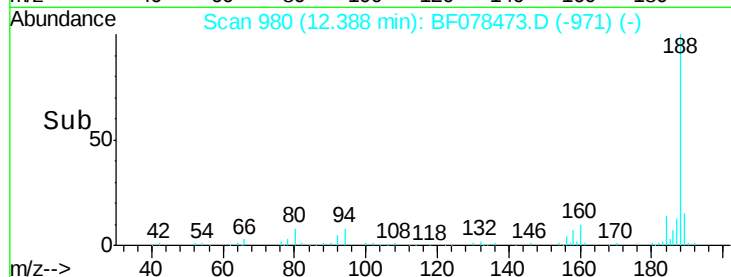
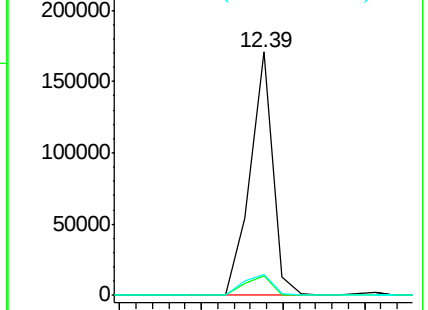
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.39 min Scan# 980
Delta R.T. 0.00 min
Lab File: BF078473.D
Acq: 13 Apr 2015 21:27

Instrument :
BNA_F
ClientSampleId :
DEL-3S-2(7.0-7.5)

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.2	9.0	13.4#
80	8.4	9.5	14.3#

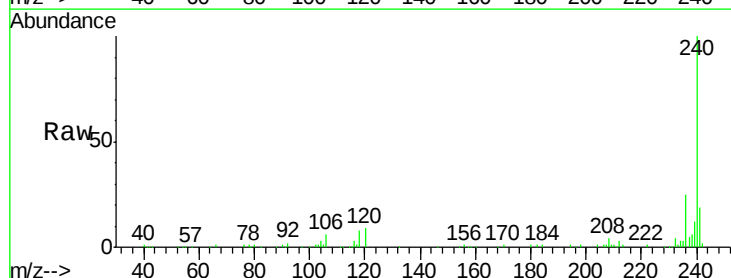


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

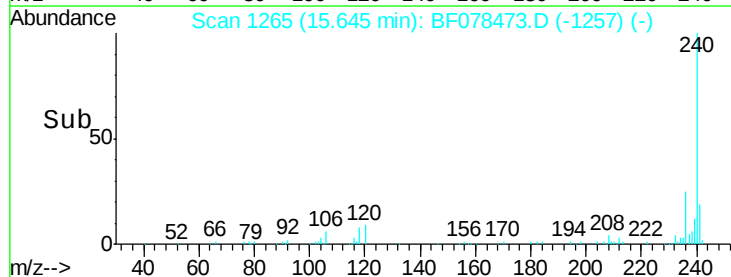
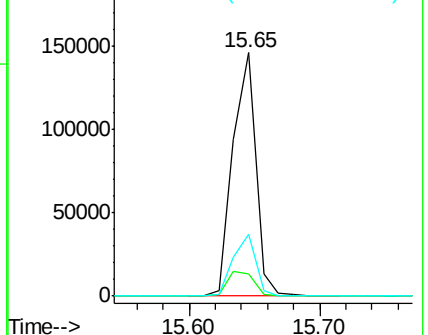


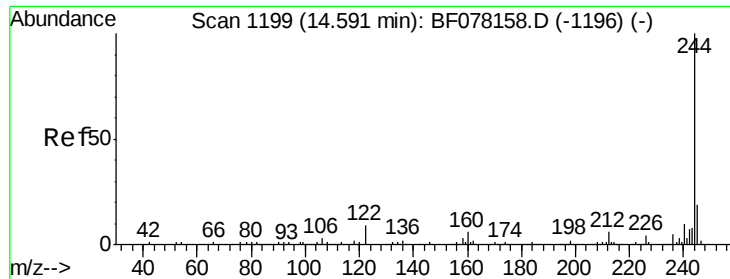
#75
Chrysene-d12
Concen: 20.00 ng
RT: 15.65 min Scan# 1265
Delta R.T. -0.01 min
Lab File: BF078473.D
Acq: 13 Apr 2015 21:27

Tgt Ion	Ratio	Lower	Upper
240	100		
120	8.9	7.1	10.7
236	25.4	21.4	32.2



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: 77.84 ng

RT: 14.38 min Scan# 1154

Delta R.T. -0.01 min

Lab File: BF078473.D

Acq: 13 Apr 2015 21:27

Instrument :

BNA_F

ClientSampleId :

DEL-3S-2(7.0-7.5)

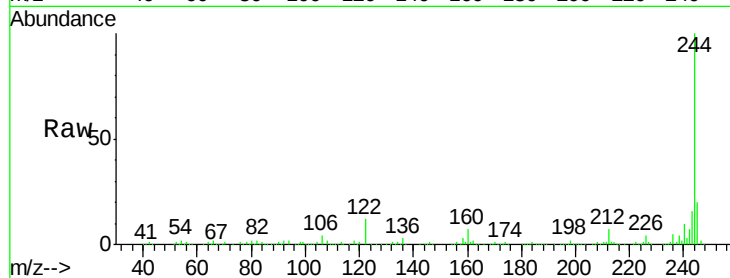
Tgt Ion:244 Resp: 613773

Ion Ratio Lower Upper

244 100

212 6.9 5.0 7.4

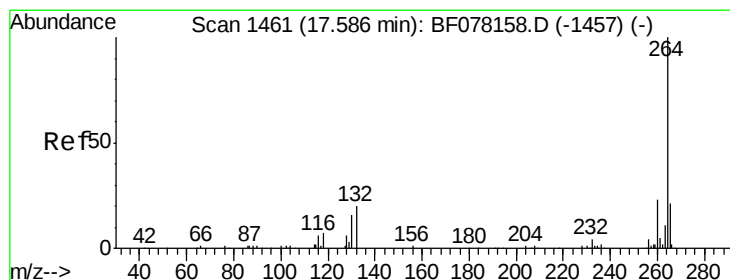
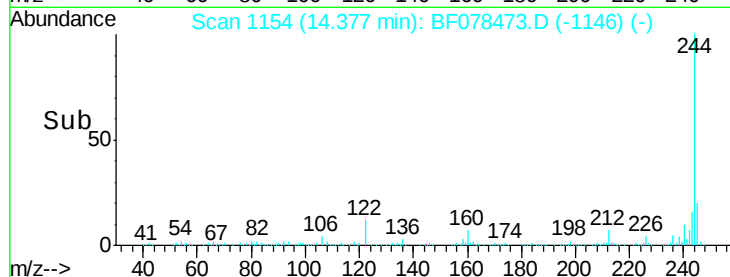
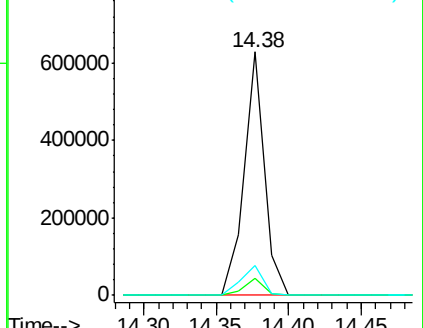
122 12.0 7.1 10.7#



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: 17.36 min Scan# 1415

Delta R.T. -0.03 min

Lab File: BF078473.D

Acq: 13 Apr 2015 21:27

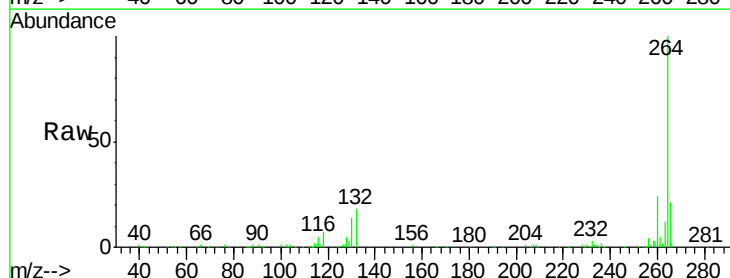
Tgt Ion:264 Resp: 165398

Ion Ratio Lower Upper

264 100

260 23.6 18.6 27.8

265 21.3 17.0 25.6



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

