

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF041615\
 Data File : BF078583.D
 Acq On : 16 Apr 2015 23:37
 Operator : TP/IZ
 Sample : G1885-01 5X
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 Comp -1503182927-28

Quant Time: Apr 17 01:25:16 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 17 00:52:22 2015
 Response via : Initial Calibration

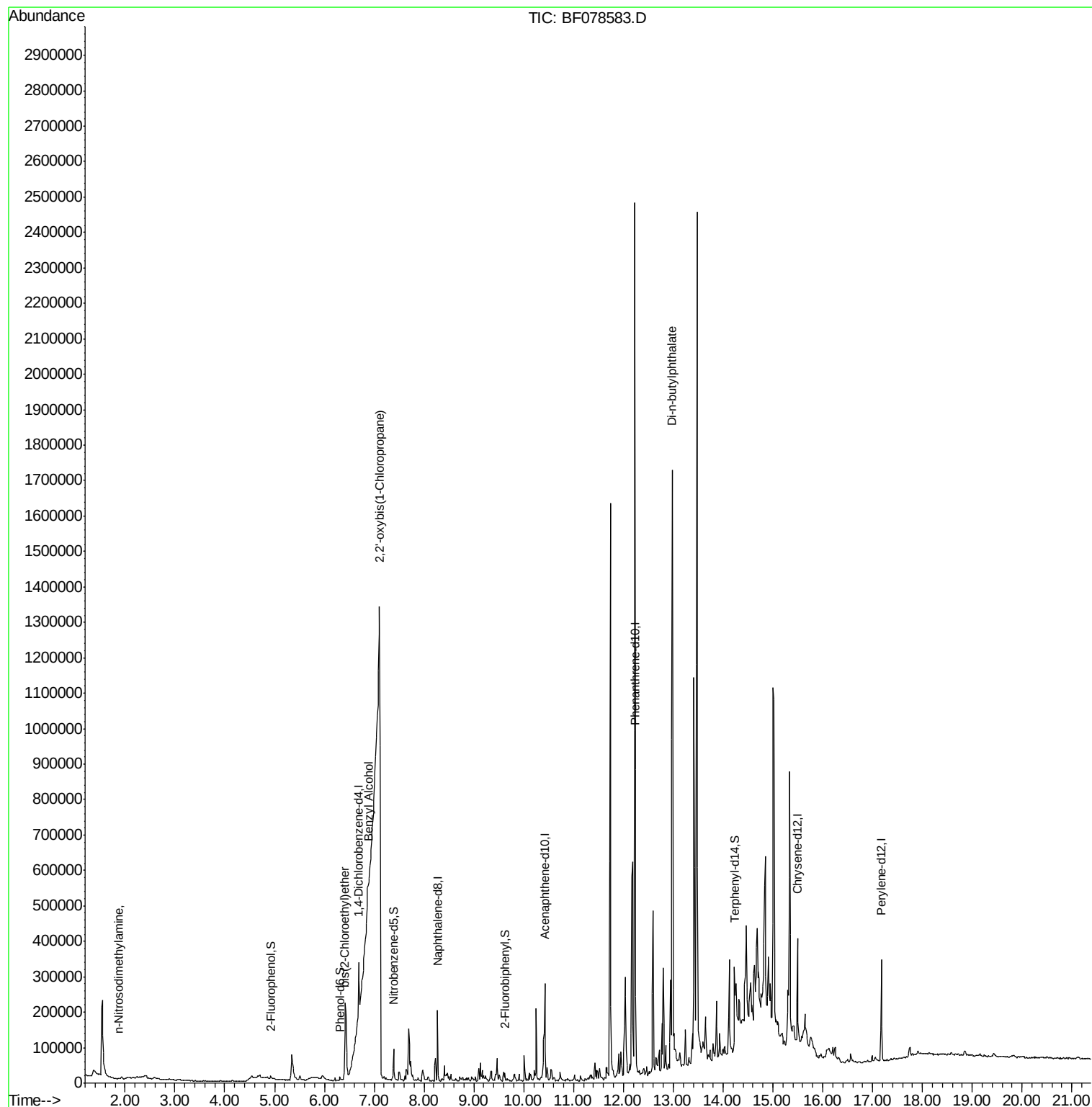
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.68	152	19814	20.00	ng	0.00
21) Naphthalene-d8	8.27	136	92782	20.00	ng	0.00
38) Acenaphthene-d10	10.42	164	49040	20.00	ng	0.00
63) Phenanthrene-d10	12.24	188	103247	20.00	ng	0.00
75) Chrysene-d12	15.50	240	115857	20.00	ng	0.01
86) Perylene-d12	17.18	264	114147	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	4.92	112	3156	2.63	ng	0.02
7) Phenol-d6	6.31	99	5038	3.35	ng	0.01
23) Nitrobenzene-d5	7.39	82	3901	2.55	ng	0.00
41) 2,4,6-Tribromophenol	0.00	330	0	0.00	ng	
44) 2-Fluorobiphenyl	9.62	172	7584	2.21	ng	0.00
78) Terphenyl-d14	14.23	244	11128	2.17	ng	0.00
Target Compounds						
4) n-Nitrosodimethylamine	1.87	42	1240	2.26	ng	# 1
11) bis(2-Chloroethyl)ether	6.41	93	23816	18.35	ng	# 24
15) Benzyl Alcohol	6.88	79	3282	3.10	ng	# 47
16) 2,2'-oxybis(1-Chloropropan	7.11	45	62553	36.14	ng	76
73) Di-n-butylphthalate	12.98	149	31718	5.08	ng	# 90

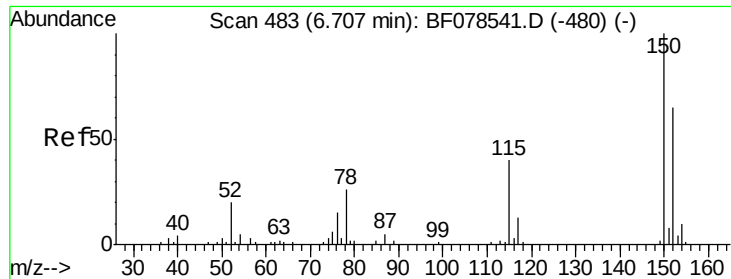
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.68 min Scan# 481

Delta R.T. -0.00 min

Lab File: BF078583.D

Acq: 16 Apr 2015 23:37

Instrument :

BNA_F

ClientSampleId :

Comp -1503182927-28

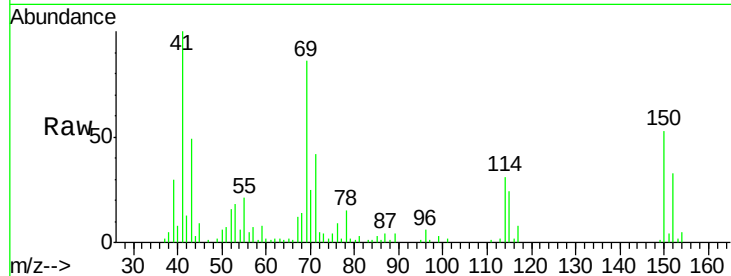
Tgt Ion:152 Resp: 19814

Ion Ratio Lower Upper

152 100

150 162.5 125.9 188.9

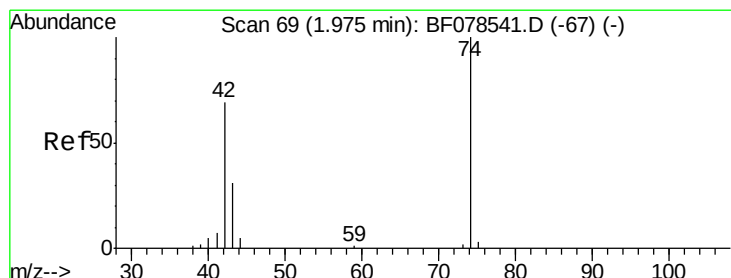
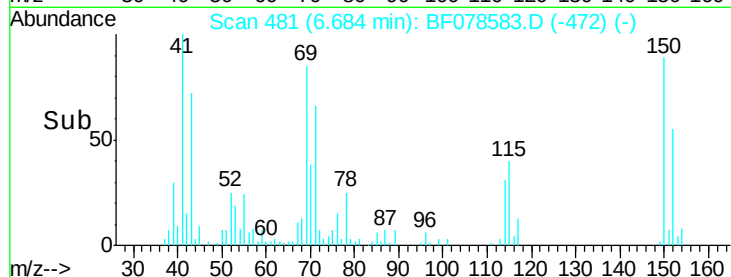
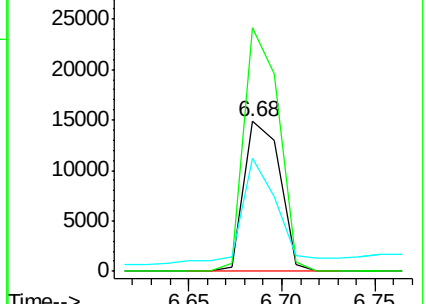
115 75.1 52.7 79.1



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



#4

n-Nitrosodimethylamine

Concen: 2.26 ng

RT: 1.87 min Scan# 60

Delta R.T. -0.06 min

Lab File: BF078583.D

Acq: 16 Apr 2015 23:37

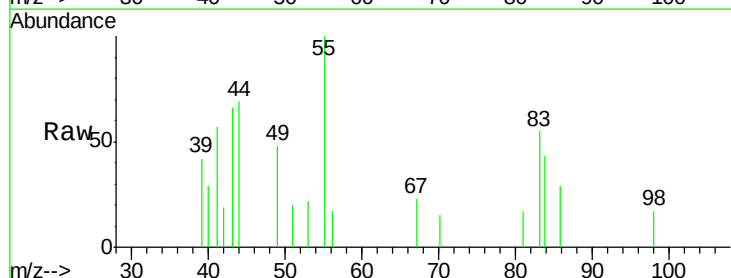
Tgt Ion: 42 Resp: 1240

Ion Ratio Lower Upper

42 100

74 0.0 118.7 178.1#

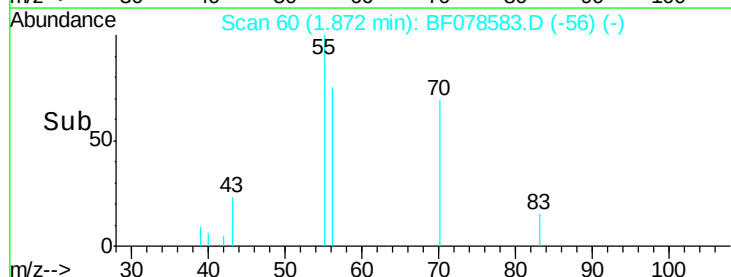
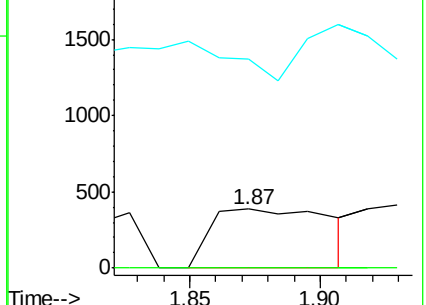
44 354.4 5.9 8.9#

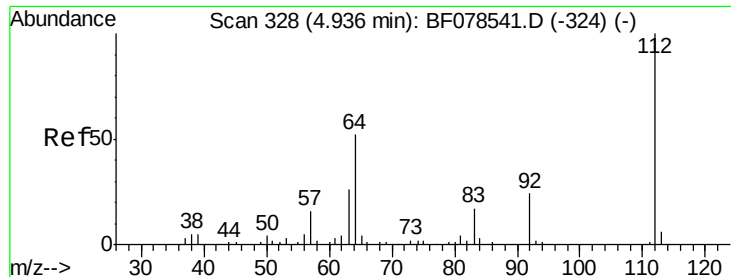


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 2.63 ng

RT: 4.92 min Scan# 327

Delta R.T. 0.02 min

Lab File: BF078583.D

Acq: 16 Apr 2015 23:37

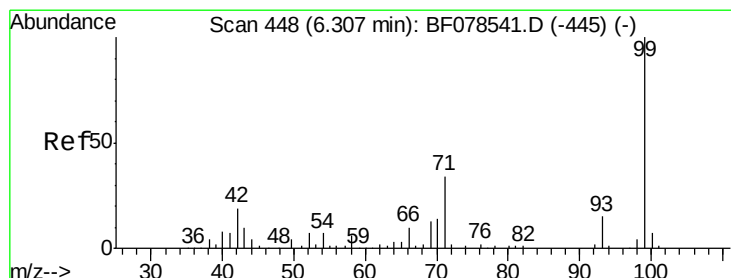
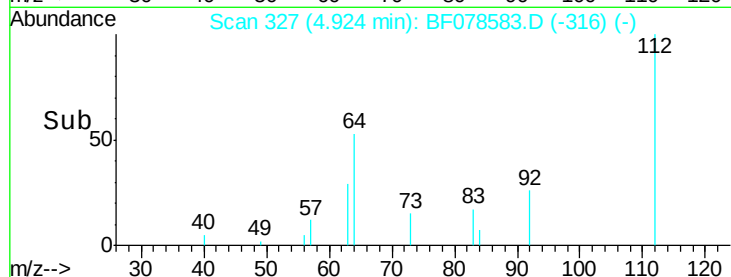
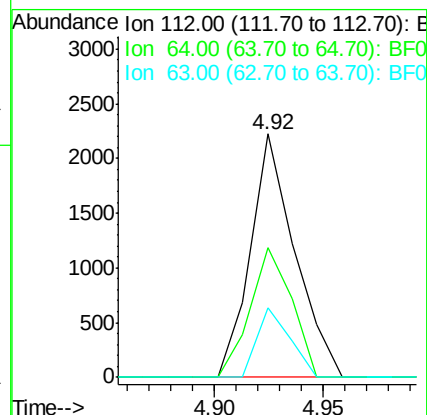
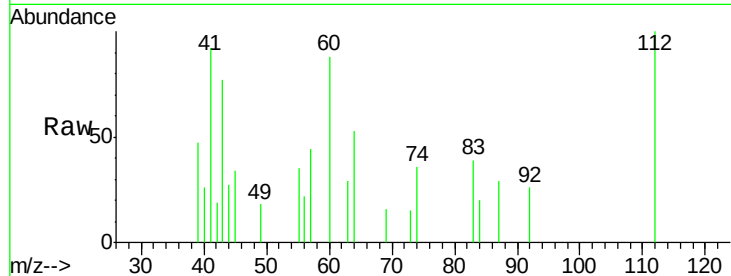
Instrument :

BNA_F

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Comp -1503182927-28

Tgt Ion:	112	Resp:	3156
Ion	Ratio	Lower	Upper
112	100		
64	53.1	39.9	59.9
63	28.7	20.2	30.4



#7

Phenol-d6

Concen: 3.35 ng

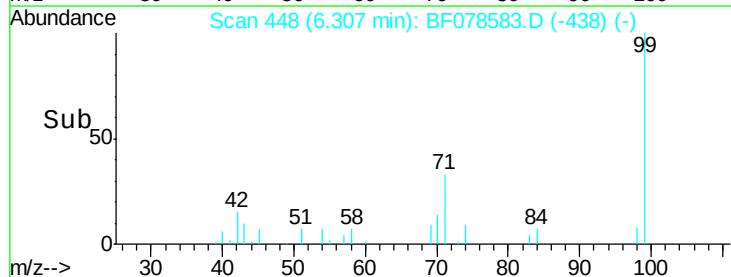
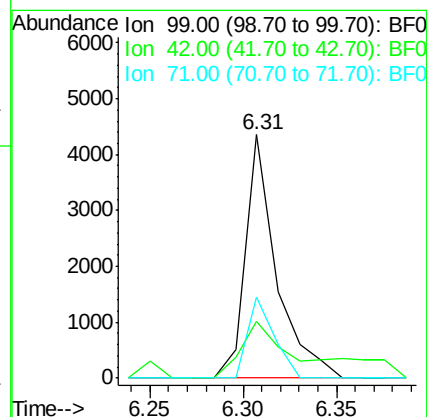
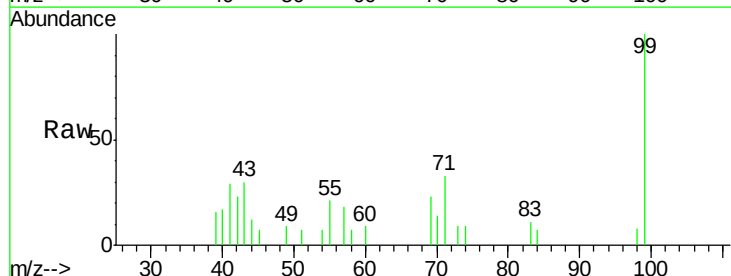
RT: 6.31 min Scan# 448

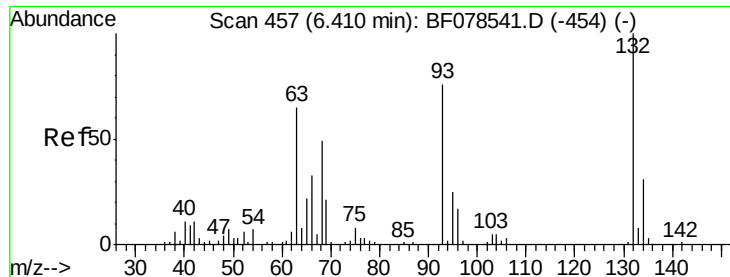
Delta R.T. 0.01 min

Lab File: BF078583.D

Acq: 16 Apr 2015 23:37

Tgt Ion:	99	Resp:	5038
Ion	Ratio	Lower	Upper
99	100		
42	23.3	14.8	22.2#
71	33.0	26.6	39.8





#11

bis(2-Chloroethyl)ether

Concen: 18.35 ng

RT: 6.41 min Scan# 457

Delta R.T. 0.02 min

Lab File: BF078583.D

Acq: 16 Apr 2015 23:37

Instrument :

BNA_F

ClientSampleId :

Comp -1503182927-28

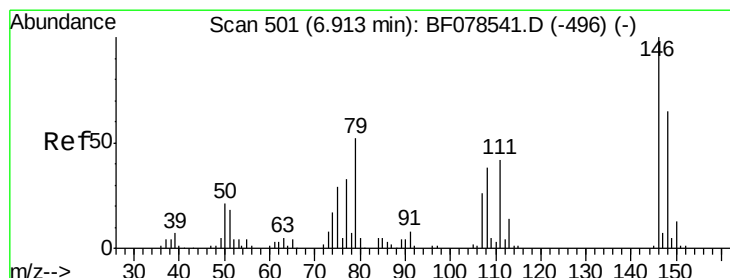
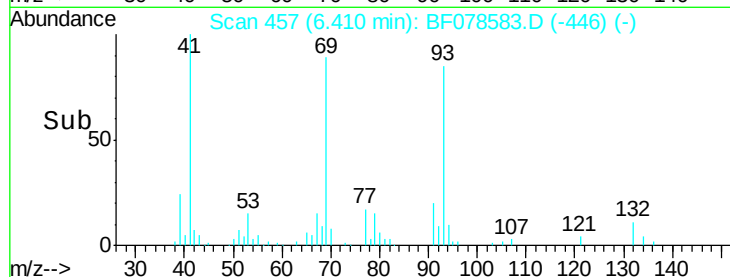
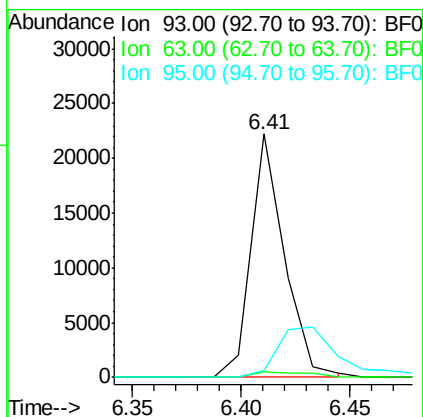
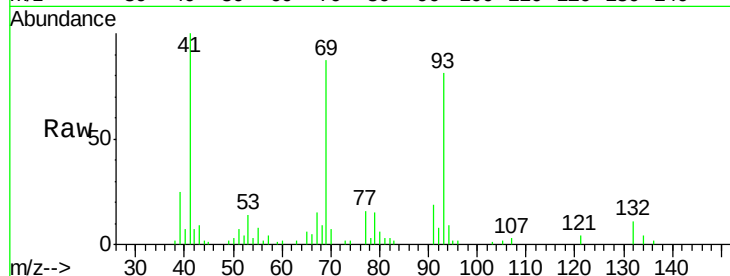
Tgt Ion: 93 Resp: 23816

Ion Ratio Lower Upper

93 100

63 2.2 54.6 94.6#

95 2.6 13.6 53.6#



#15

Benzyl Alcohol

Concen: 3.10 ng

RT: 6.88 min Scan# 498

Delta R.T. -0.02 min

Lab File: BF078583.D

Acq: 16 Apr 2015 23:37

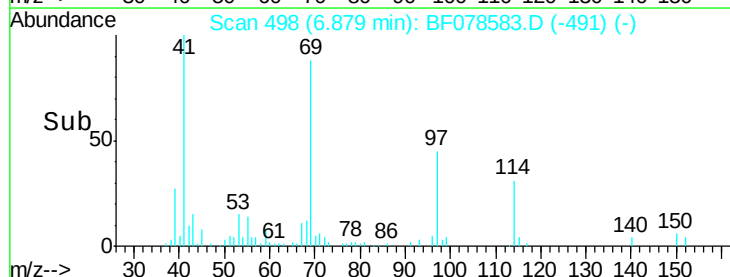
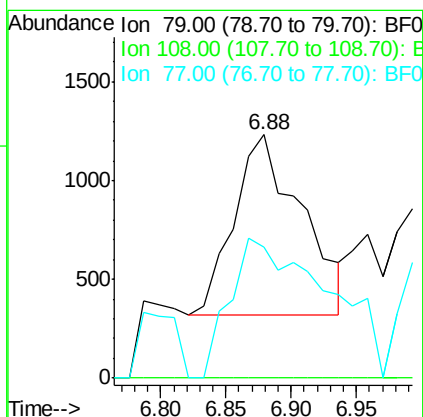
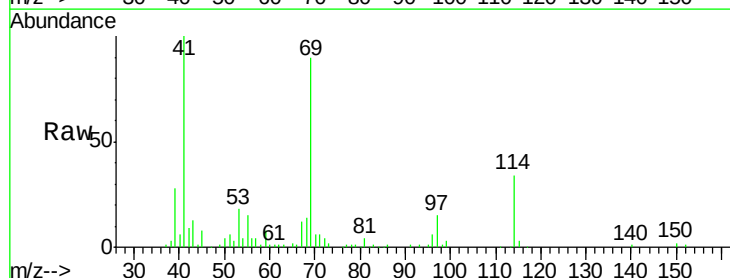
Tgt Ion: 79 Resp: 3282

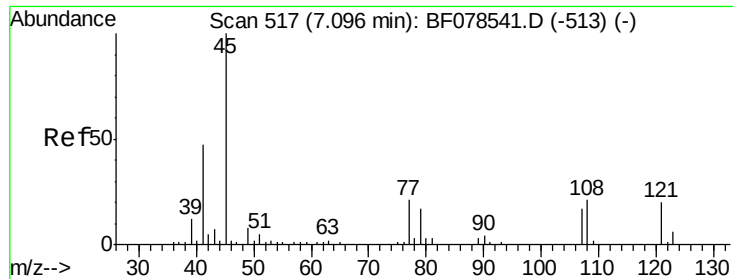
Ion Ratio Lower Upper

79 100

108 0.0 57.6 86.4#

77 53.8 53.5 80.3





#16

2,2'-oxybis(1-Chloropropane)

Concen: 36.14 ng

RT: 7.11 min Scan# 518

Delta R.T. 0.03 min

Lab File: BF078583.D

Acq: 16 Apr 2015 23:37

Instrument :

BNA_F

ClientSampleId :

Comp -1503182927-28

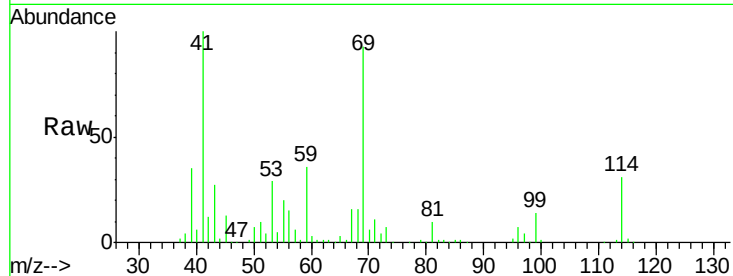
Tgt Ion: 45 Resp: 62553

Ion Ratio Lower Upper

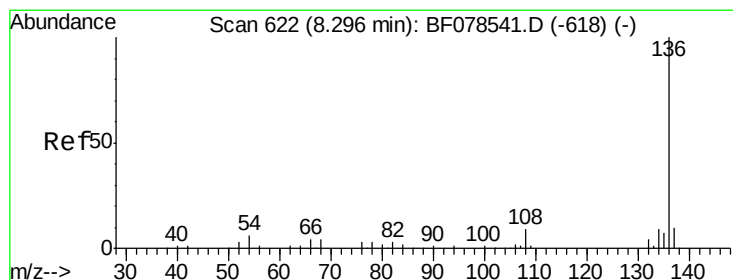
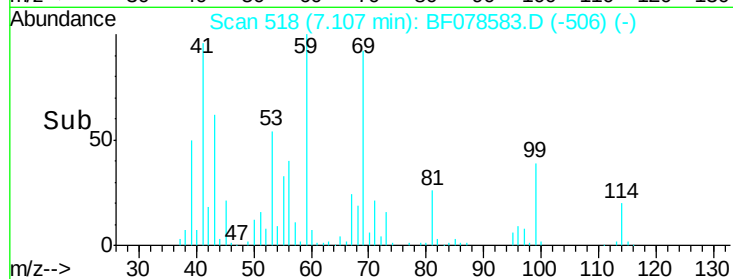
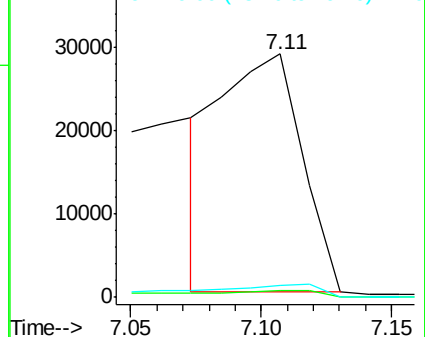
45 100

77 2.6 0.0 34.5

79 5.0 0.0 31.9



Abundance Ion 45.00 (44.70 to 45.70): BF0
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.27 min Scan# 620

Delta R.T. -0.00 min

Lab File: BF078583.D

Acq: 16 Apr 2015 23:37

Tgt Ion: 136 Resp: 92782

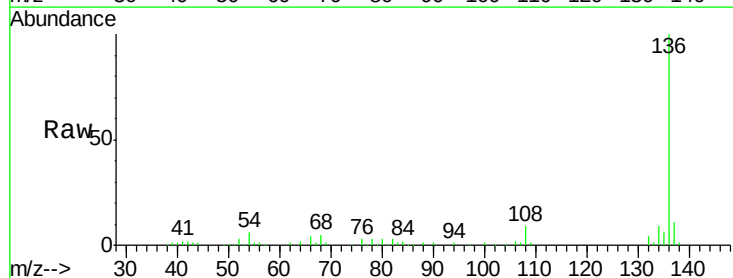
Ion Ratio Lower Upper

136 100

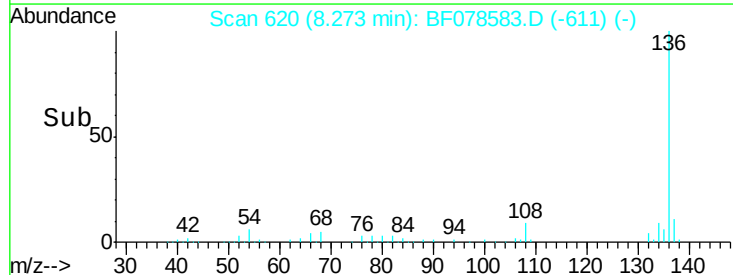
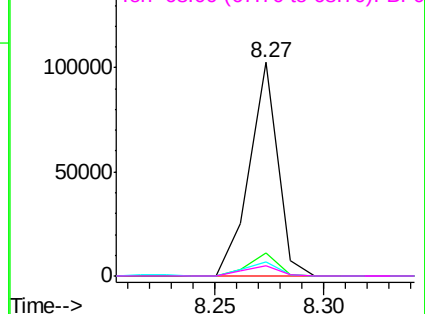
137 10.6 9.0 13.4

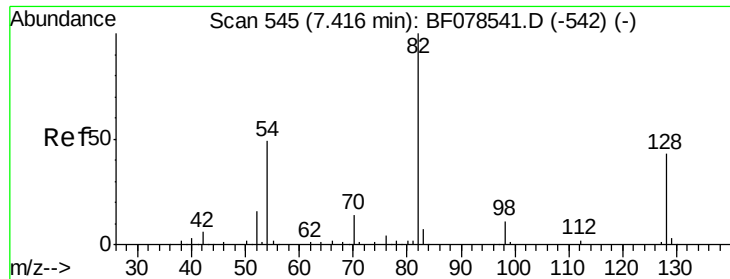
54 6.5 7.0 10.6#

68 5.0 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

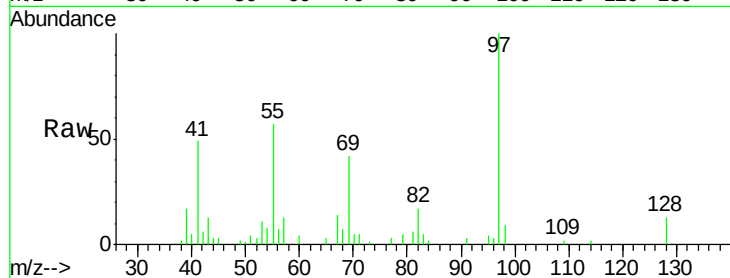




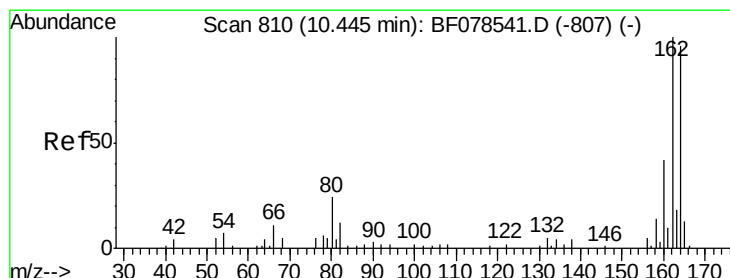
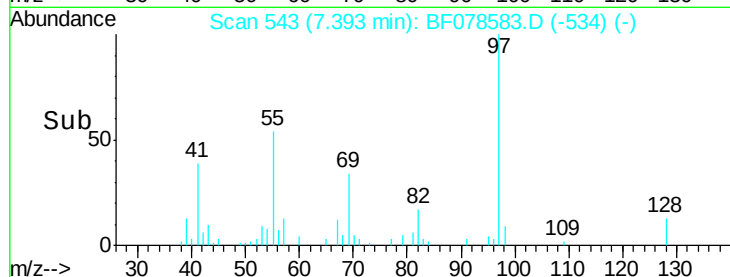
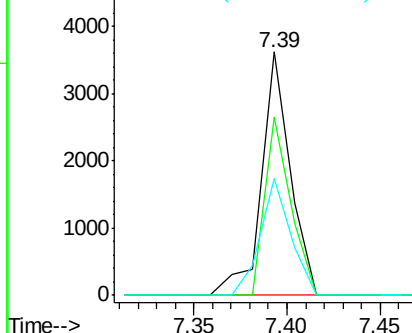
#23
 Nitrobenzene-d5
 Concen: 2.55 ng
 RT: 7.39 min Scan# 543
 Delta R.T. -0.00 min
 Lab File: BF078583.D
 Acq: 16 Apr 2015 23:37

Instrument :
 BNA_F
 ClientSampleId :
 Comp -1503182927-28

Tgt Ion: 82 Resp: 3901
 Ion Ratio Lower Upper
 82 100
 128 73.3 31.8 47.8#
 54 48.1 41.5 62.3

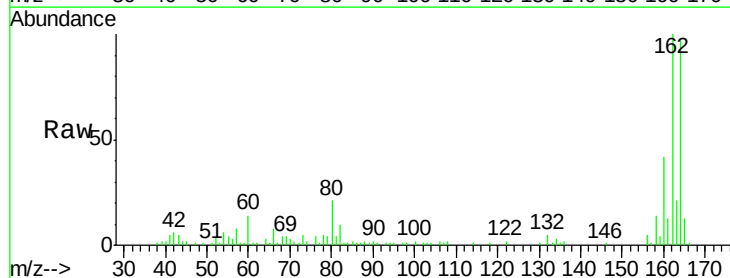


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

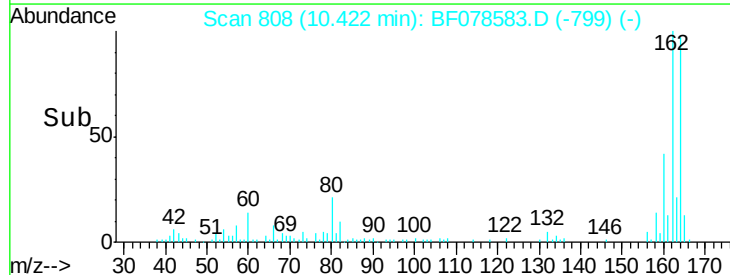
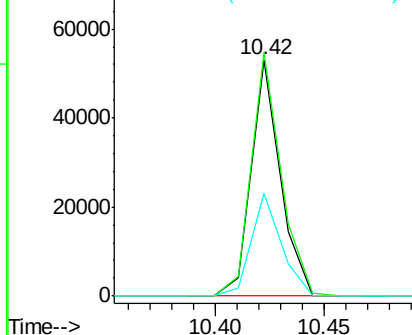


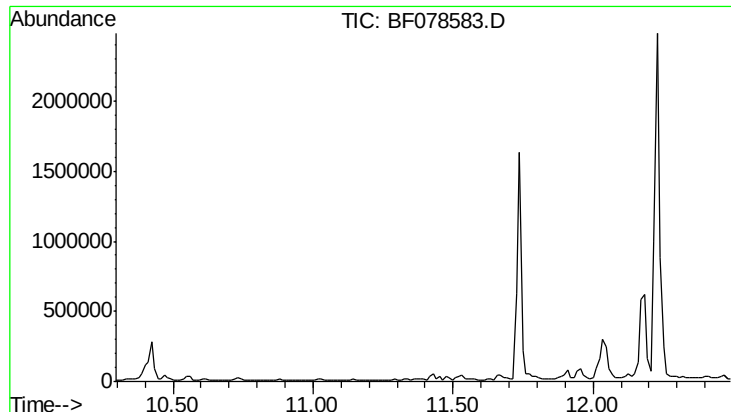
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.42 min Scan# 808
 Delta R.T. -0.00 min
 Lab File: BF078583.D
 Acq: 16 Apr 2015 23:37

Tgt Ion: 164 Resp: 49040
 Ion Ratio Lower Upper
 164 100
 162 103.2 82.2 123.2
 160 43.8 34.7 52.1



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

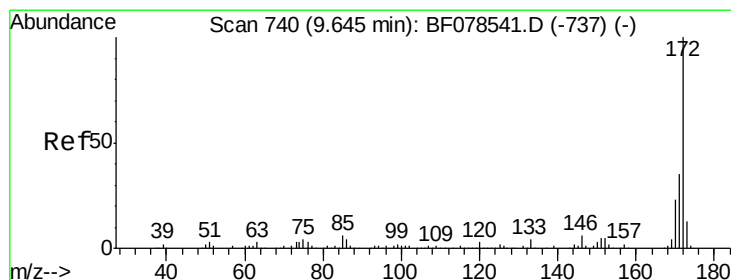
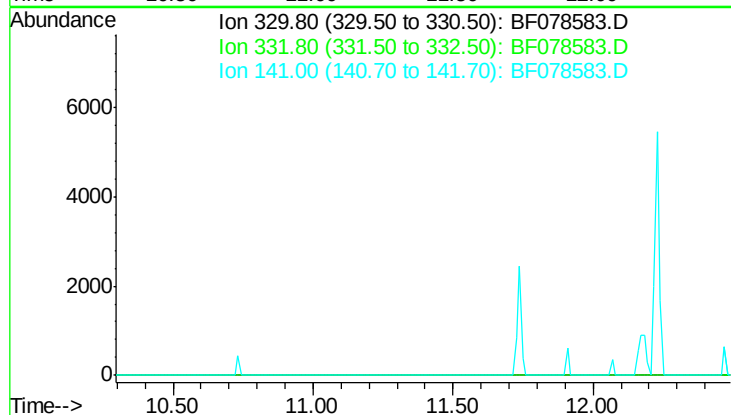




#41
 2,4,6-Tribromophenol
 Concen: 0.00 ng
 Expected RT: 11.39 min
 Lab File: BF078583.D
 Acq: 16 Apr 2015 23:37

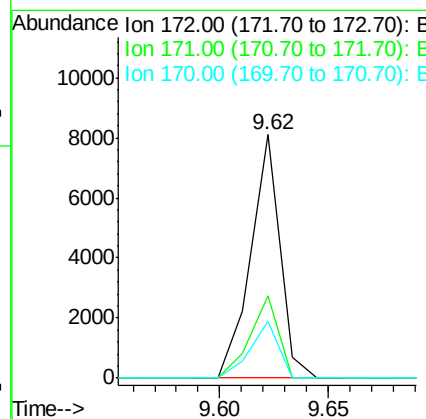
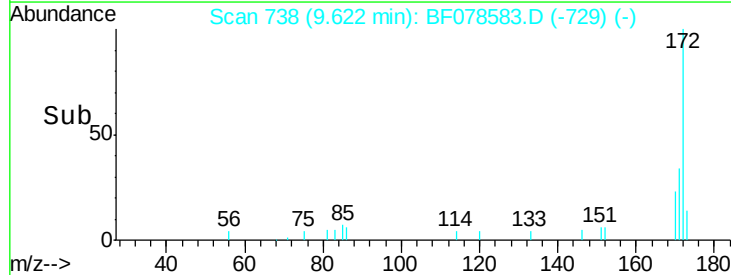
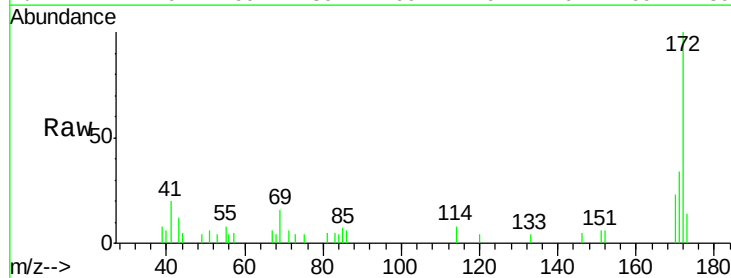
Instrument :
 BNA_F
 ClientSampleId :
 Comp -1503182927-28

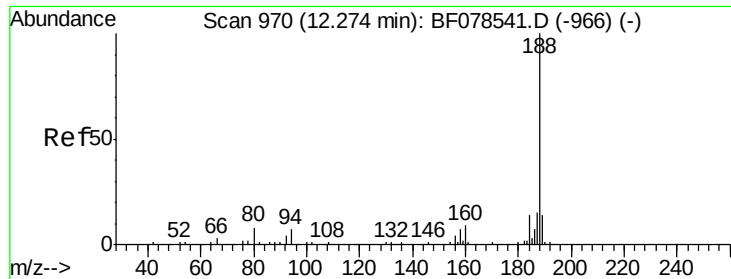
Tgt Ion: 330
 Sig Exp Ratio
 330 100
 332 98.2
 141 39.0



#44
 2-Fluorobiphenyl
 Concen: 2.21 ng
 RT: 9.62 min Scan# 738
 Delta R.T. -0.00 min
 Lab File: BF078583.D
 Acq: 16 Apr 2015 23:37

Tgt Ion: 172 Resp: 7584
 Ion Ratio Lower Upper
 172 100
 171 33.7 28.6 42.8
 170 23.2 18.5 27.7





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 12.24 min Scan# 967

Delta R.T. -0.00 min

Lab File: BF078583.D

Acq: 16 Apr 2015 23:37

Instrument :

BNA_F

ClientSampleId :

Comp -1503182927-28

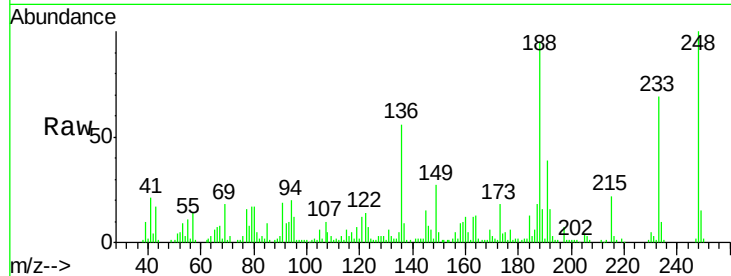
Tgt Ion:188 Resp: 103247

Ion Ratio Lower Upper

188 100

94 21.2 9.0 13.4#

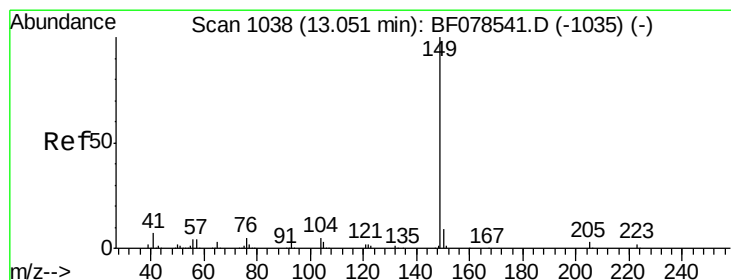
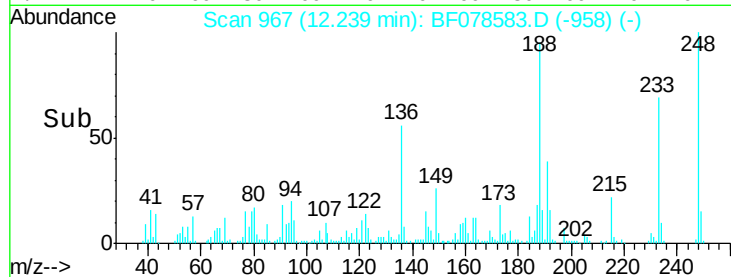
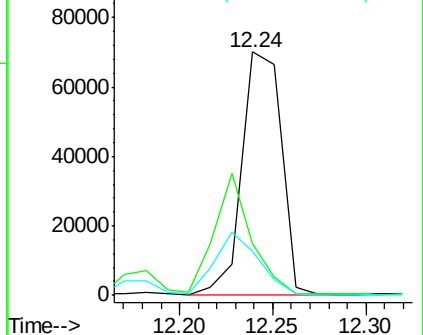
80 18.3 9.5 14.3#



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



#73

Di-n-butylphthalate

Concen: 5.08 ng

RT: 12.98 min Scan# 1032

Delta R.T. -0.03 min

Lab File: BF078583.D

Acq: 16 Apr 2015 23:37

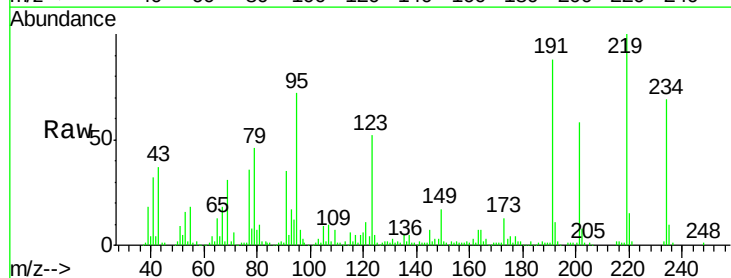
Tgt Ion:149 Resp: 31718

Ion Ratio Lower Upper

149 100

150 14.1 7.1 10.7#

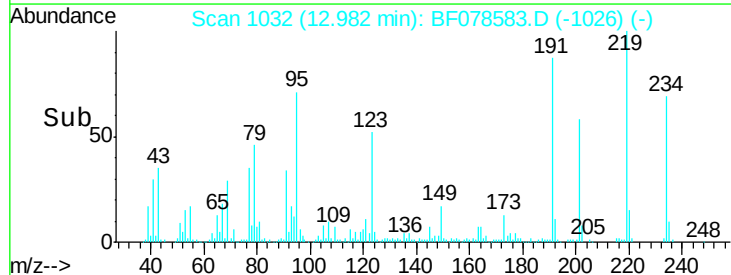
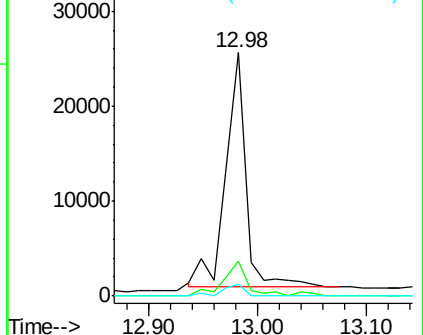
104 5.1 3.8 5.6

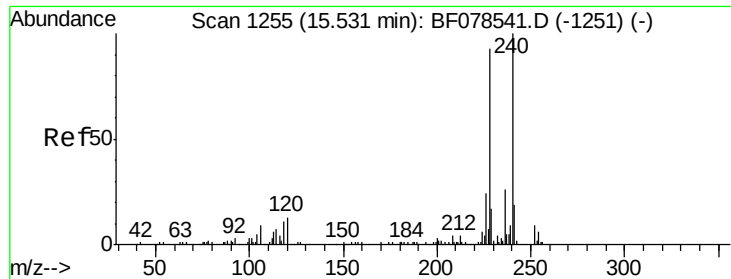


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 15.50 min Scan# 1252

Delta R.T. 0.01 min

Lab File: BF078583.D

Acq: 16 Apr 2015 23:37

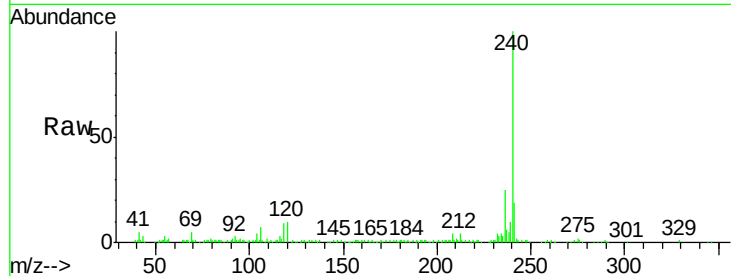
Instrument :

BNA_F

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Comp -1503182927-28

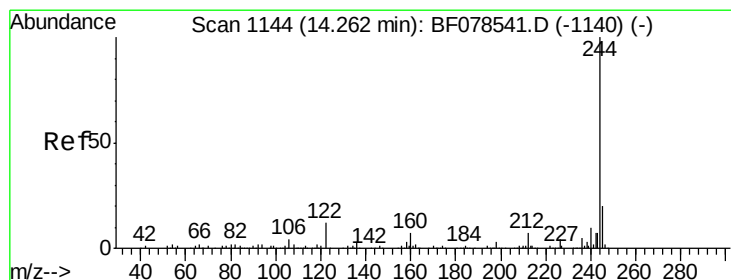
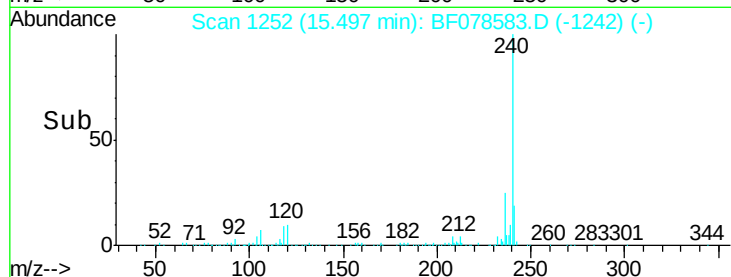
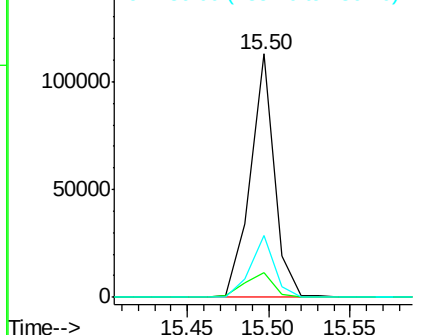
Tgt Ion:	240	Resp:	115857
Ion	Ratio	Lower	Upper
240	100		
120	10.3	7.1	10.7
236	25.2	21.4	32.2



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: 2.17 ng

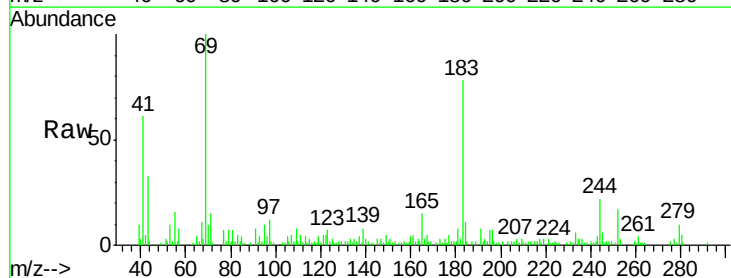
RT: 14.23 min Scan# 1141

Delta R.T. -0.00 min

Lab File: BF078583.D

Acq: 16 Apr 2015 23:37

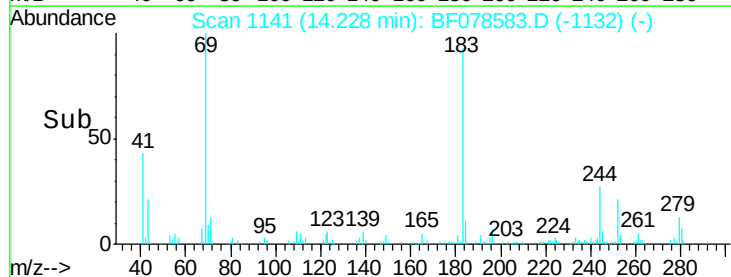
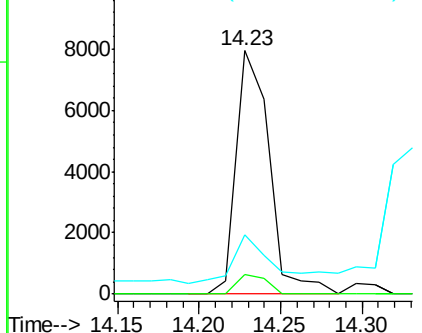
Tgt Ion:	244	Resp:	11128
Ion	Ratio	Lower	Upper
244	100		
212	7.9	5.0	7.4#
122	24.2	7.1	10.7#

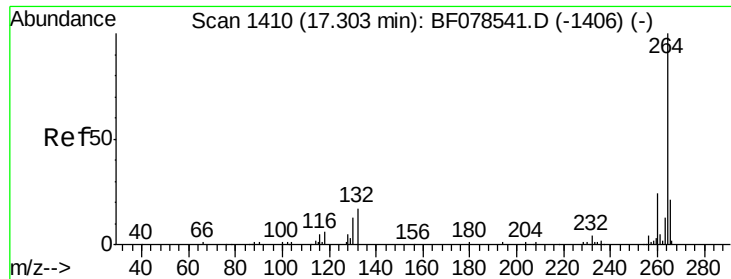


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

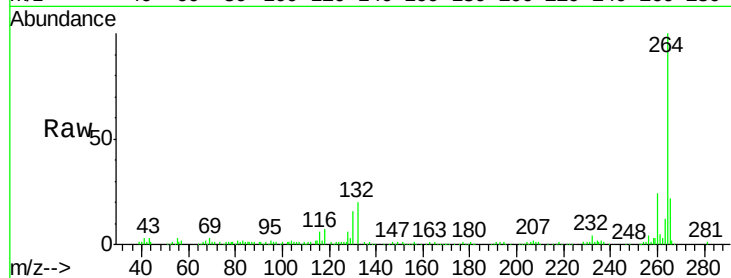




#86
Perylene-d12
Concen: 20.00 ng
RT: 17.18 min Scan# 1399
Delta R.T. -0.01 min
Lab File: BF078583.D
Acq: 16 Apr 2015 23:37

Instrument :
BNA_F
ClientSampleId :
Comp -1503182927-28

Tgt Ion: 264 Resp: 114147
Ion Ratio Lower Upper
264 100
260 23.7 18.6 27.8
265 21.5 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

