

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052016\
 Data File : BF087262.D
 Acq On : 21 May 2016 10:06
 Operator : UM/SJ
 Sample : H3151-02
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SED-7-0-2

Quant Time: May 23 00:57:51 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF051716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 17 16:55:01 2016
 Response via : Initial Calibration

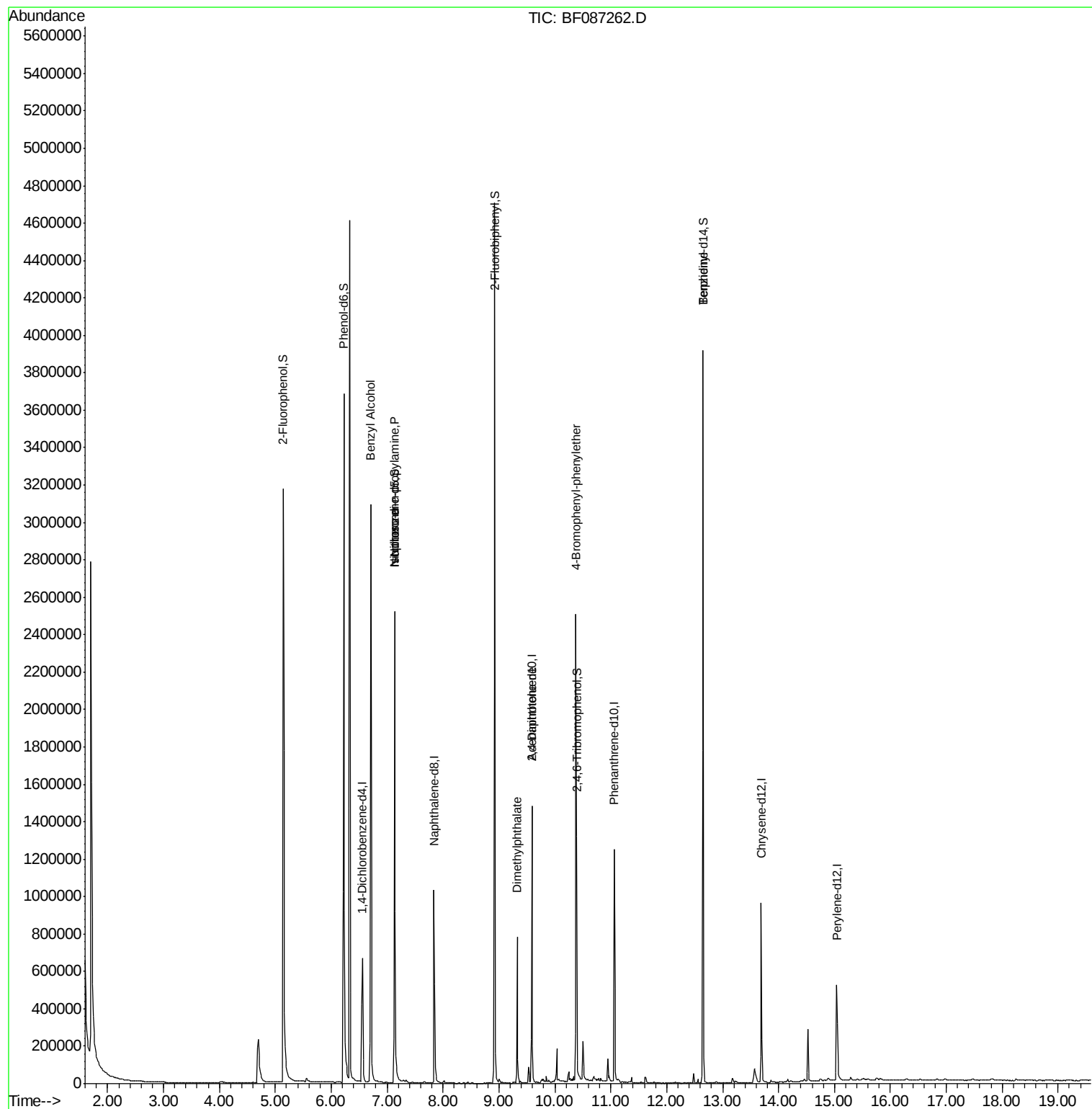
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.56	152	123333	20.00	ng	-0.05
21) Naphthalene-d8	7.84	136	548001	20.00	ng	-0.06
38) Acenaphthene-d10	9.59	164	270299	20.00	ng	-0.06
63) Phenanthrene-d10	11.06	188	480543	20.00	ng	-0.06
75) Chrysene-d12	13.69	240	345016	20.00	ng	-0.07
86) Perylene-d12	15.04	264	243624	20.00	ng	-0.07
System Monitoring Compounds						
5) 2-Fluorophenol	5.14	112	1028502	140.17	ng	-0.06
7) Phenol-d6	6.23	99	1290748	131.16	ng	-0.06
23) Nitrobenzene-d5	7.13	82	874941	79.57	ng	-0.06
41) 2,4,6-Tribromophenol	10.39	330	352286	117.94	ng	-0.06
44) 2-Fluorobiphenyl	8.92	172	1536006	94.11	ng	-0.06
78) Terphenyl-d14	12.65	244	1264529	82.91	ng	-0.06
Target Compounds						
15) Benzyl Alcohol	6.71	79	14892	2.03	ng	# 43
19) n-Nitroso-di-n-propylamine	7.13	70	123445	16.50	ng	# 74
25) Isophorone	7.13	82	821842	40.83	ng	# 68
49) Dimethylphthalate	9.32	163	278128	13.49	ng	100
56) 2,4-Dinitrotoluene	9.59	165	34675	6.05	ng	# 16
66) 4-Bromophenyl-phenylether	10.38	248	22031	4.46	ng	# 1
76) Benzydine	12.65	184	20584	2.54	ng	# 96

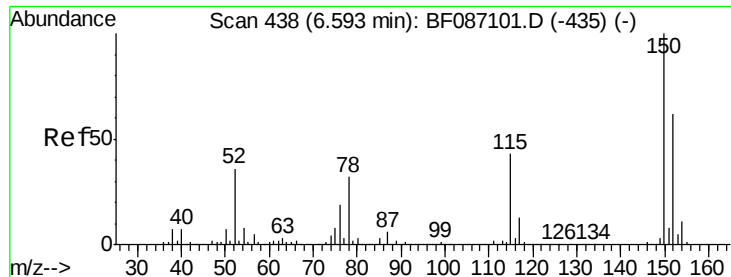
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052016\
Data File : BF087262.D
Acq On : 21 May 2016 10:06
Operator : UM/SJ
Sample : H3151-02
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SED-7-0-2

Quant Time: May 23 00:57:51 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF051716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 17 16:55:01 2016
Response via : Initial Calibration



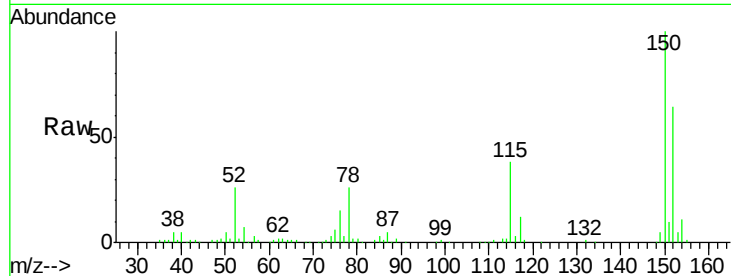


#1

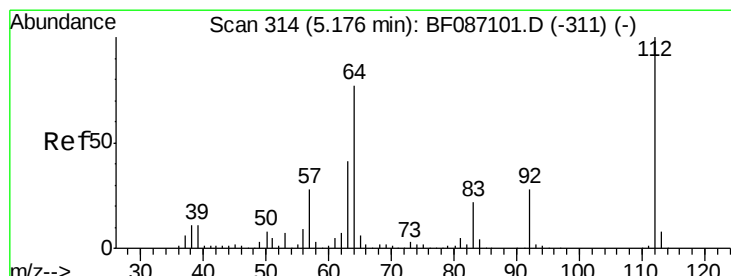
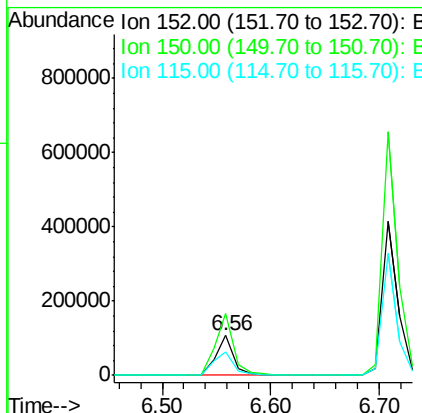
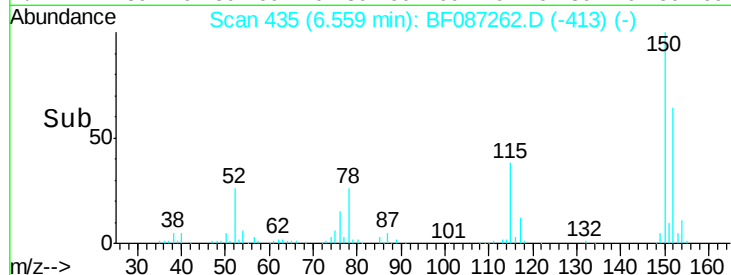
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.56 min Scan# 435
Delta R.T. -0.05 min
Lab File: BF087262.D
Acq: 21 May 2016 10:06

Instrument :
BNA_F
ClientSampleId :
SED-7-0-2

Tgt Ion:152 Resp: 123333
Ion Ratio Lower Upper
152 100
150 156.0 125.8 188.6
115 59.9 51.5 77.3



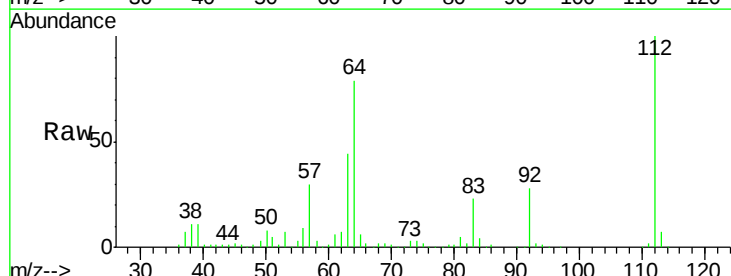
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



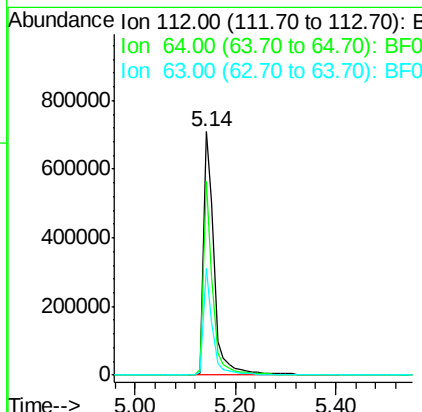
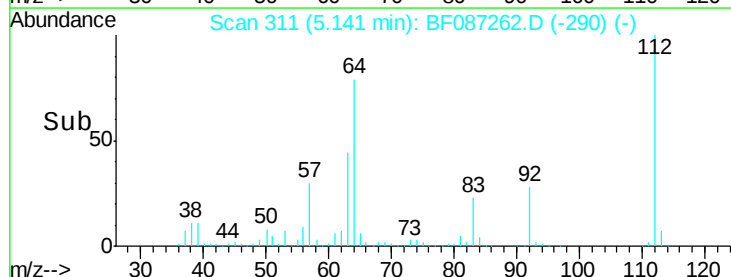
#5

2-Fluorophenol
Concen: 140.17 ng
RT: 5.14 min Scan# 311
Delta R.T. -0.06 min
Lab File: BF087262.D
Acq: 21 May 2016 10:06

Tgt Ion:112 Resp: 1028502
Ion Ratio Lower Upper
112 100
64 79.5 52.1 78.1#
63 43.8 25.7 38.5#



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: 131.16 ng

RT: 6.23 min Scan# 406

Delta R.T. -0.06 min

Lab File: BF087262.D

Acq: 21 May 2016 10:06

Instrument :

BNA_F

ClientSampleId :

SED-7-0-2

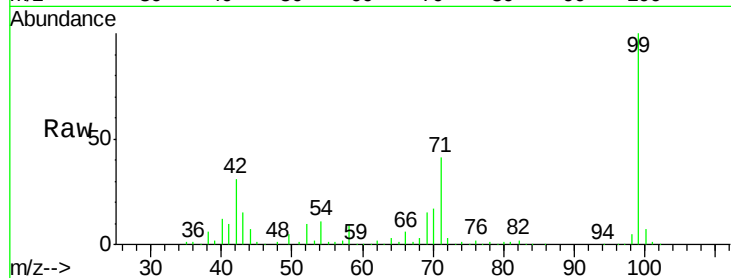
Tgt Ion: 99 Resp: 1290748

Ion Ratio Lower Upper

99 100

42 30.7 13.6 20.4#

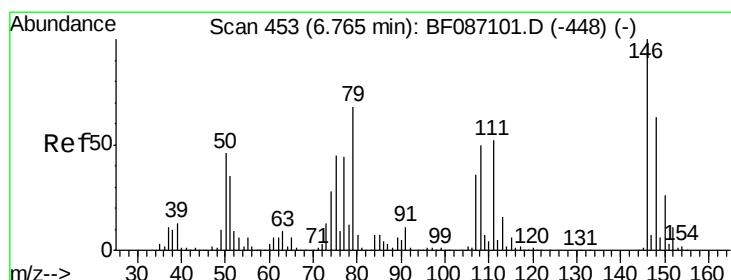
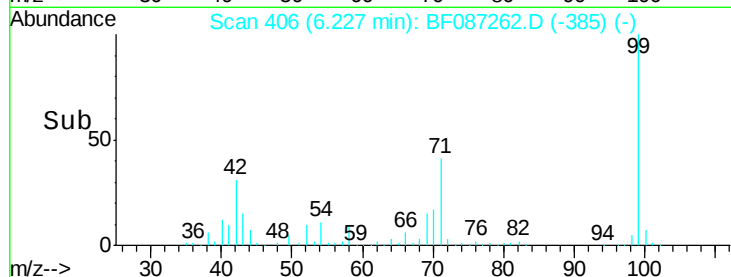
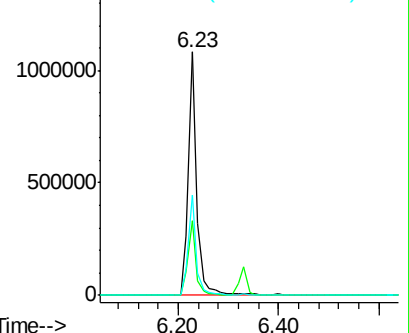
71 40.9 24.6 36.8#



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



#15

Benzyl Alcohol

Concen: 2.03 ng

RT: 6.71 min Scan# 448

Delta R.T. -0.07 min

Lab File: BF087262.D

Acq: 21 May 2016 10:06

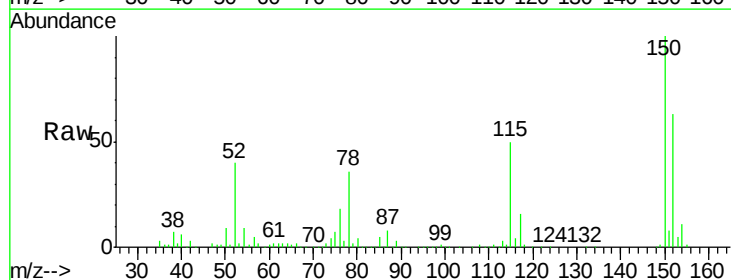
Tgt Ion: 79 Resp: 14892

Ion Ratio Lower Upper

79 100

108 30.1 68.4 102.6#

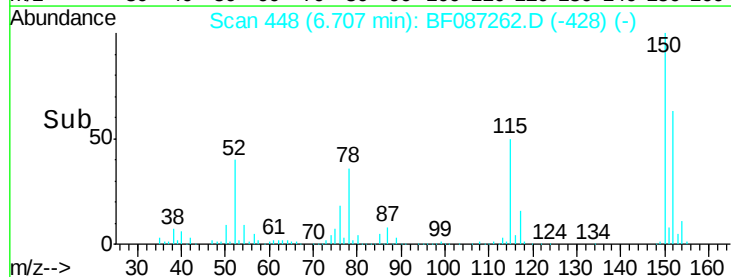
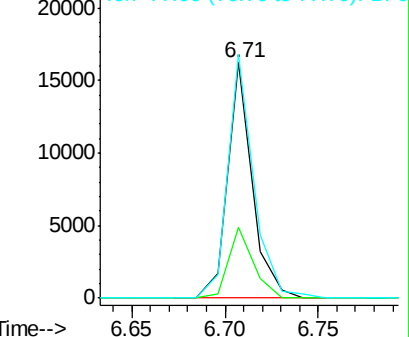
77 103.3 50.6 76.0#

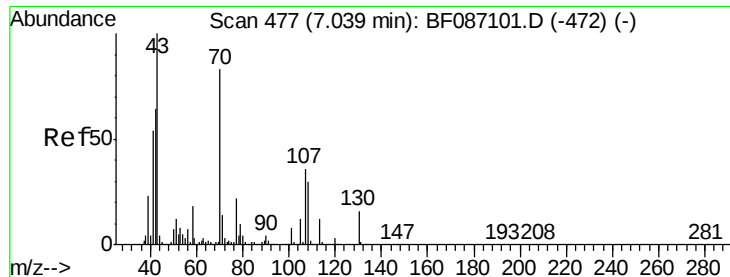


Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

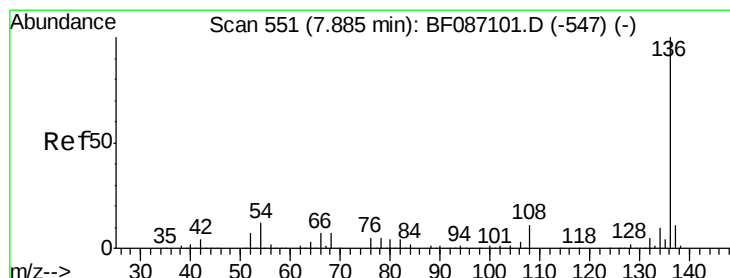
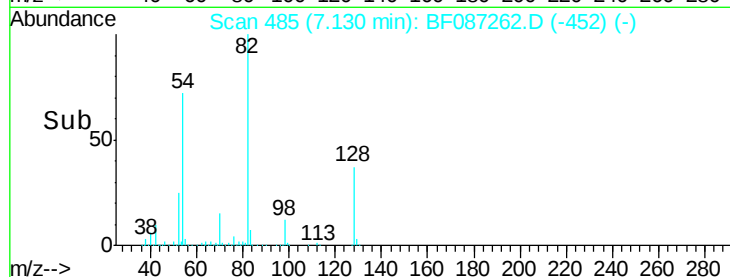
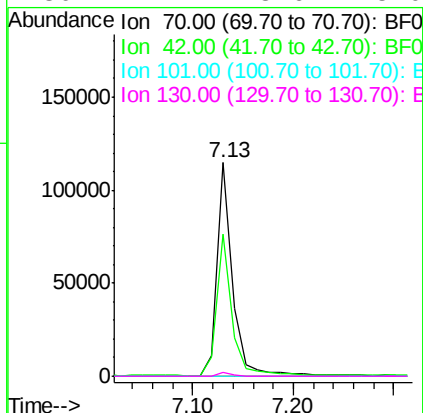
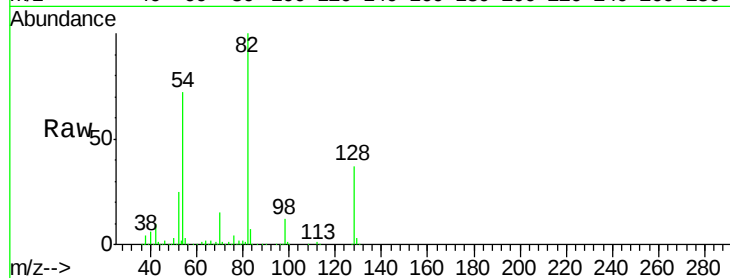




#19
n-Nitroso-di-n-propylamine
Concen: 16.50 ng
RT: 7.13 min Scan# 485
Delta R.T. 0.08 min
Lab File: BF087262.D
Acq: 21 May 2016 10:06

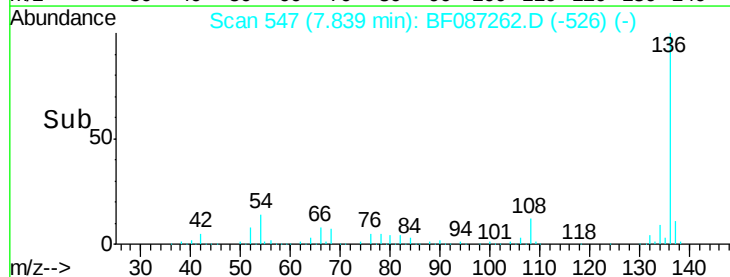
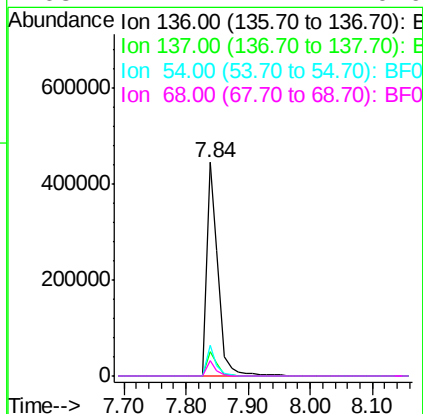
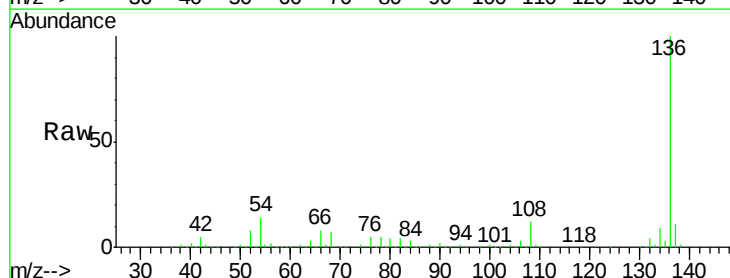
Instrument :
BNA_F
ClientSampleId :
SED-7-0-2

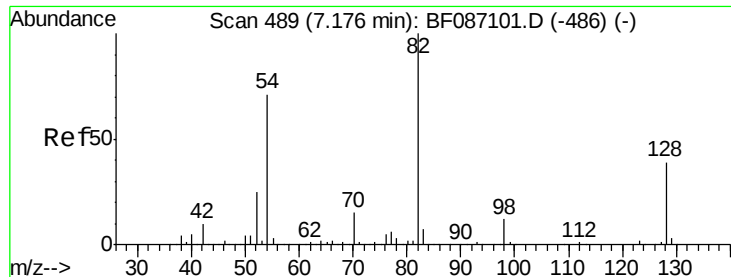
Tgt Ion: 70 Resp: 123445
Ion Ratio Lower Upper
70 100
42 66.7 43.1 64.7#
101 0.0 8.1 12.1#
130 1.7 18.6 28.0#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.84 min Scan# 547
Delta R.T. -0.06 min
Lab File: BF087262.D
Acq: 21 May 2016 10:06

Tgt Ion: 136 Resp: 548001
Ion Ratio Lower Upper
136 100
137 11.4 8.8 13.2
54 14.2 5.0 7.4#
68 7.1 4.4 6.6#

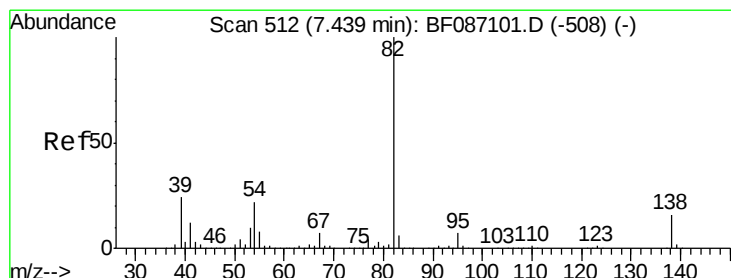
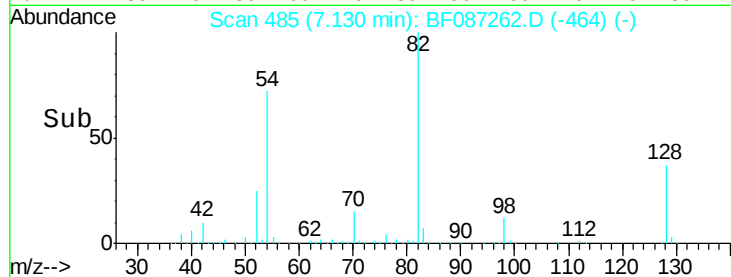
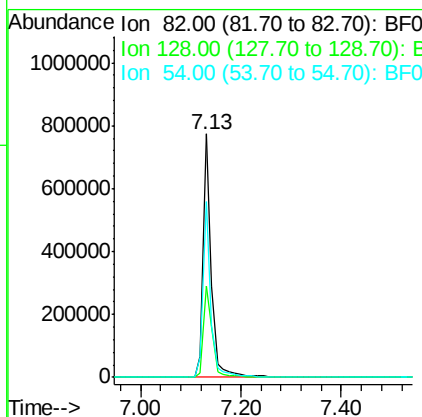
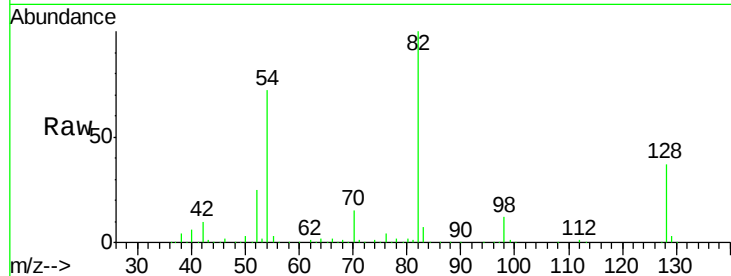




#23
 Nitrobenzene-d5
 Concen: 79.57 ng
 RT: 7.13 min Scan# 485
 Delta R.T. -0.06 min
 Lab File: BF087262.D
 Acq: 21 May 2016 10:06

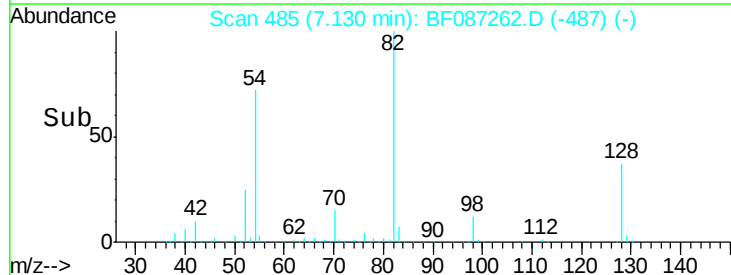
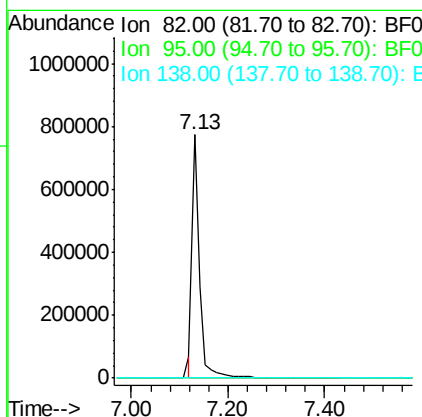
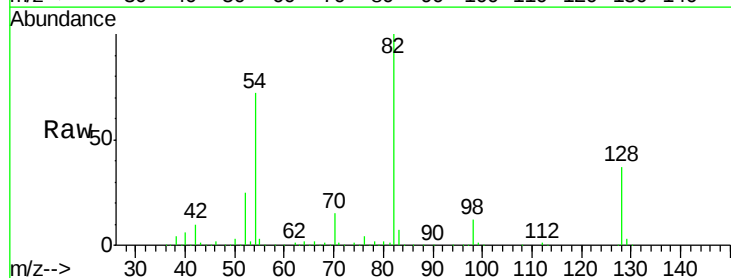
Instrument :
 BNA_F
 ClientSampleId :
 SED-7-0-2

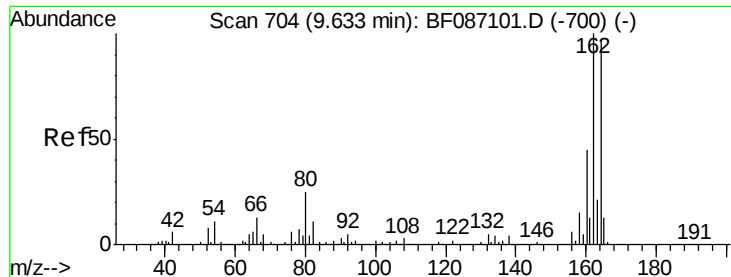
Tgt Ion: 82 Resp: 874941
 Ion Ratio Lower Upper
 82 100
 128 37.3 40.6 61.0#
 54 72.0 38.1 57.1#



#25
 Isophorone
 Concen: 40.83 ng
 RT: 7.13 min Scan# 485
 Delta R.T. -0.32 min
 Lab File: BF087262.D
 Acq: 21 May 2016 10:06

Tgt Ion: 82 Resp: 821842
 Ion Ratio Lower Upper
 82 100
 95 0.0 5.1 7.7#
 138 0.0 12.4 18.6#

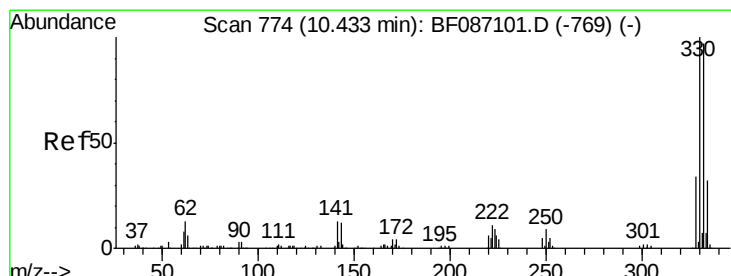
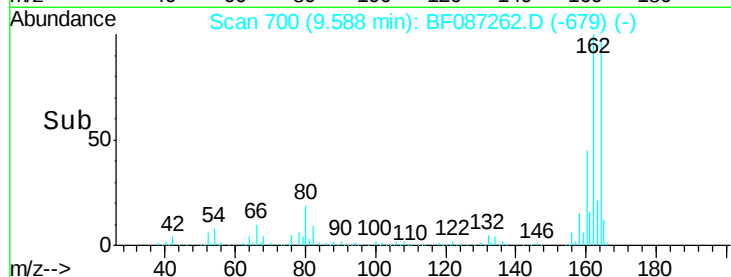
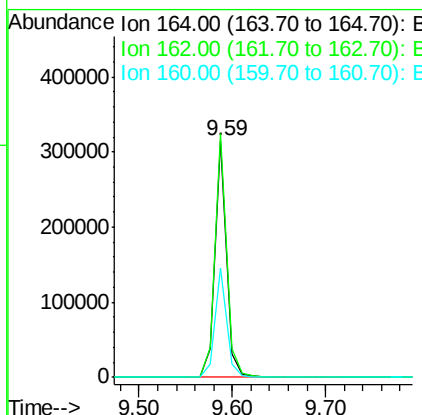
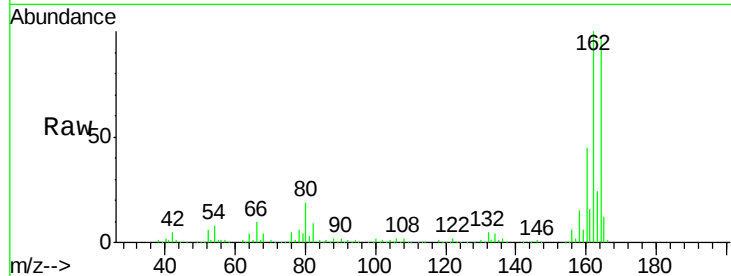




#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.59 min Scan# 700
 Delta R.T. -0.06 min
 Lab File: BF087262.D
 Acq: 21 May 2016 10:06

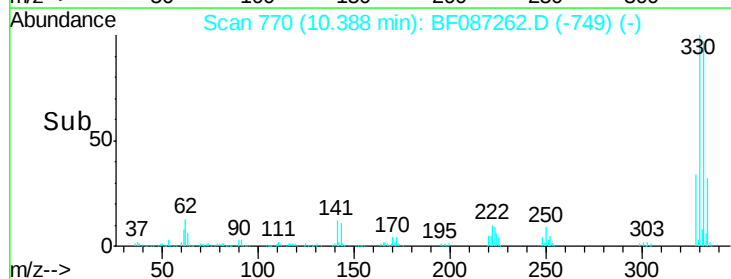
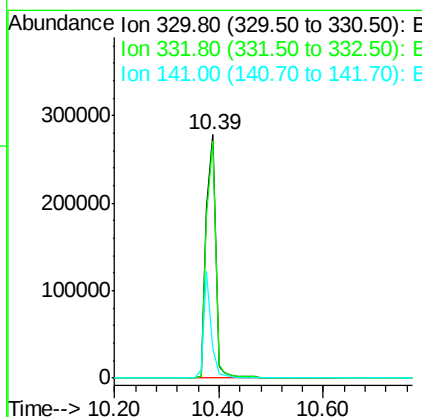
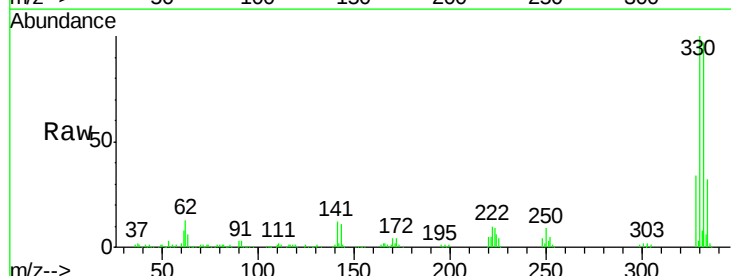
Instrument :
 BNA_F
 ClientSampleId :
 SED-7-0-2

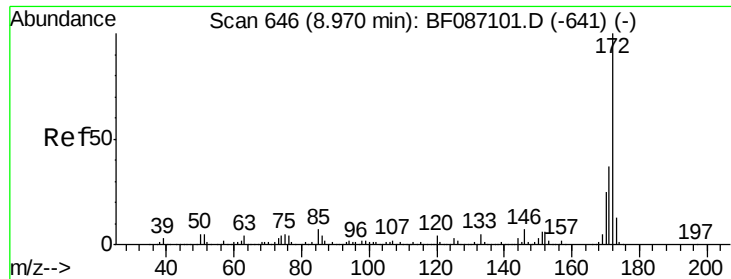
Tgt Ion:164 Resp: 270299
 Ion Ratio Lower Upper
 164 100
 162 103.1 82.8 124.2
 160 46.2 36.9 55.3



#41
 2,4,6-Tribromophenol
 Concen: 117.94 ng
 RT: 10.39 min Scan# 770
 Delta R.T. -0.06 min
 Lab File: BF087262.D
 Acq: 21 May 2016 10:06

Tgt Ion:330 Resp: 352286
 Ion Ratio Lower Upper
 330 100
 332 96.7 79.0 118.4
 141 34.7 31.2 46.8

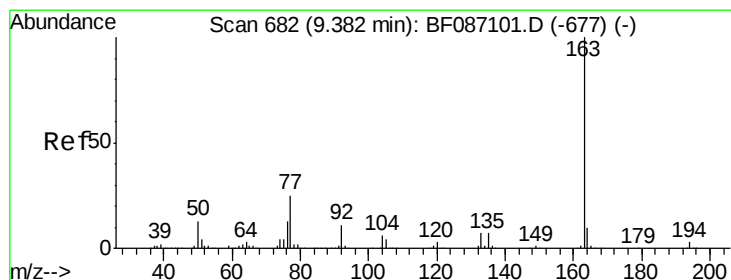
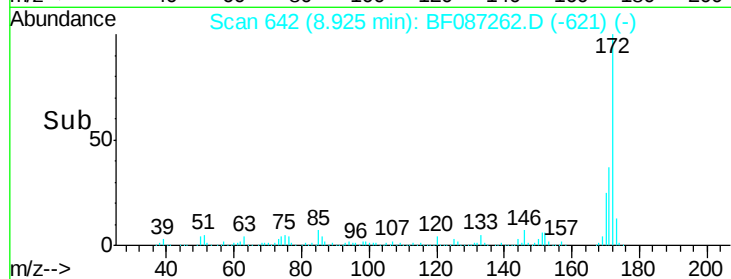
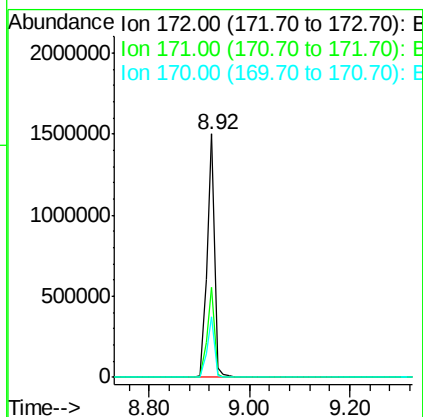
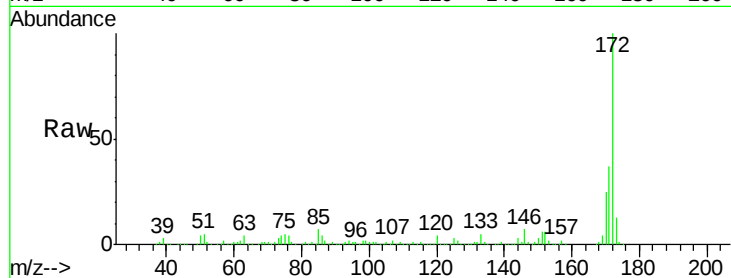




#44
 2-Fluorobiphenyl
 Concen: 94.11 ng
 RT: 8.92 min Scan# 642
 Delta R.T. -0.06 min
 Lab File: BF087262.D
 Acq: 21 May 2016 10:06

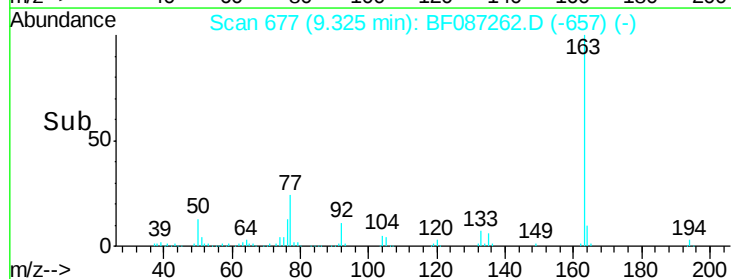
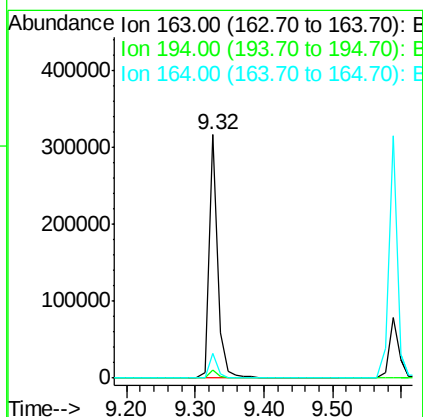
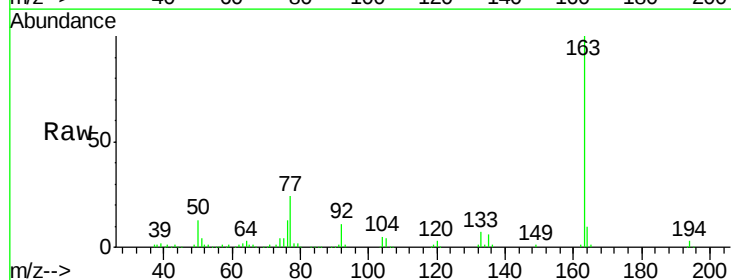
Instrument :
 BNA_F
 ClientSampleId :
 SED-7-0-2

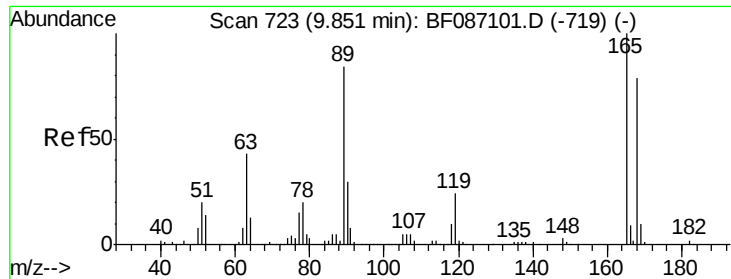
Tgt Ion:172 Resp: 1536006
 Ion Ratio Lower Upper
 172 100
 171 36.8 29.0 43.6
 170 25.0 19.8 29.8



#49
 Dimethylphthalate
 Concen: 13.49 ng
 RT: 9.32 min Scan# 677
 Delta R.T. -0.07 min
 Lab File: BF087262.D
 Acq: 21 May 2016 10:06

Tgt Ion:163 Resp: 278128
 Ion Ratio Lower Upper
 163 100
 194 3.3 2.6 4.0
 164 10.2 8.2 12.4





#56

2,4-Dinitrotoluene

Concen: 6.05 ng

RT: 9.59 min Scan# 700

Delta R.T. -0.27 min

Lab File: BF087262.D

Acq: 21 May 2016 10:06

Instrument :

BNA_F

ClientSampleId :

SED-7-0-2

Tgt Ion:165 Resp: 34675

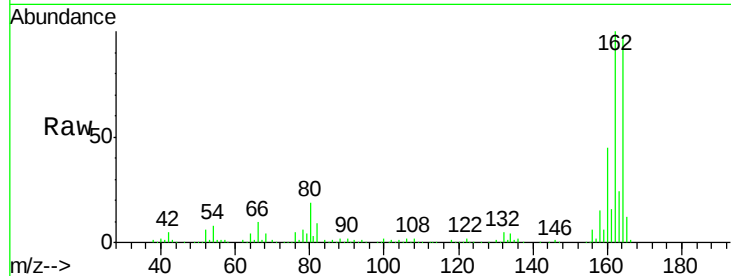
Ion Ratio Lower Upper

165 100

63 1.9 44.3 66.5#

89 1.8 70.0 105.0#

182 0.0 1.8 2.6#

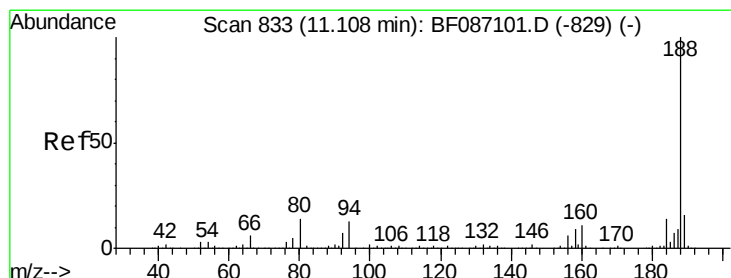
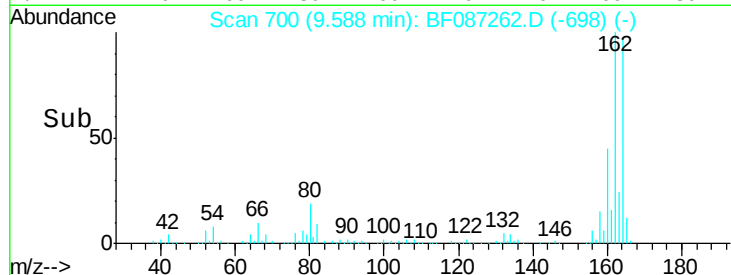
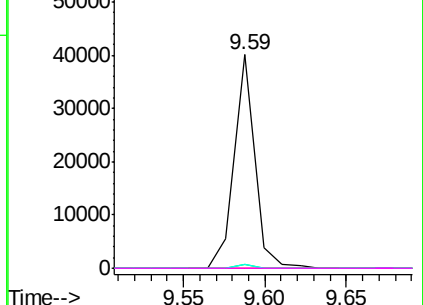


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.06 min Scan# 829

Delta R.T. -0.06 min

Lab File: BF087262.D

Acq: 21 May 2016 10:06

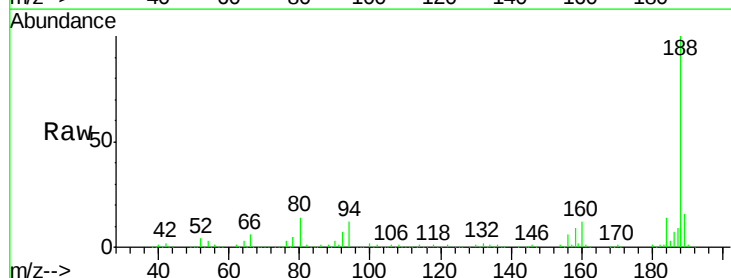
Tgt Ion:188 Resp: 480543

Ion Ratio Lower Upper

188 100

94 11.7 6.8 10.2#

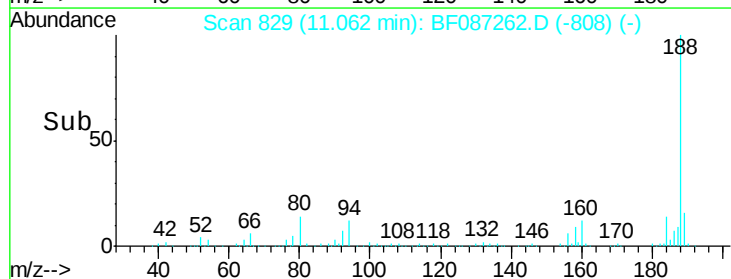
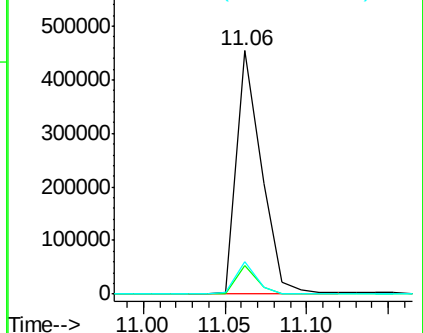
80 13.5 7.1 10.7#

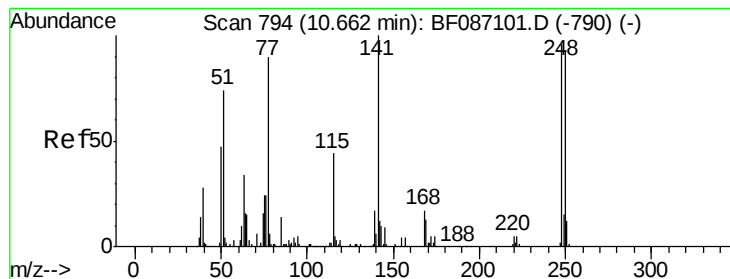


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#66

4-Bromophenyl-phenylether

Concen: 4.46 ng

RT: 10.38 min Scan# 769

Delta R.T. -0.30 min

Lab File: BF087262.D

Acq: 21 May 2016 10:06

Instrument :

BNA_F

ClientSampleId :

SED-7-0-2

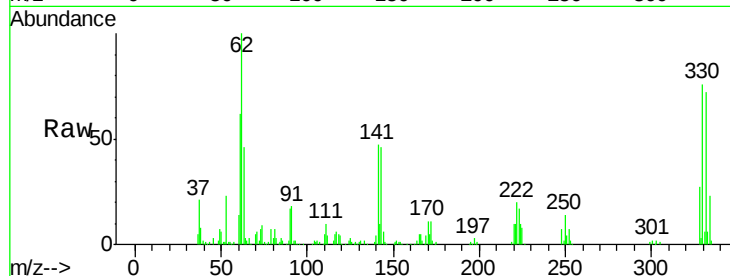
Tgt Ion:248 Resp: 22031

Ion Ratio Lower Upper

248 100

250 197.8 78.6 117.8#

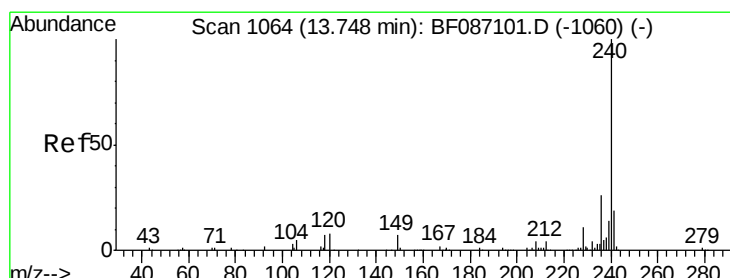
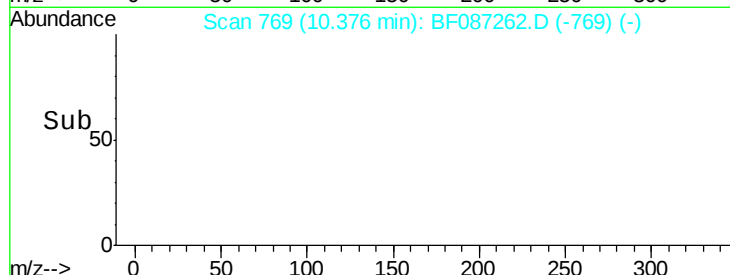
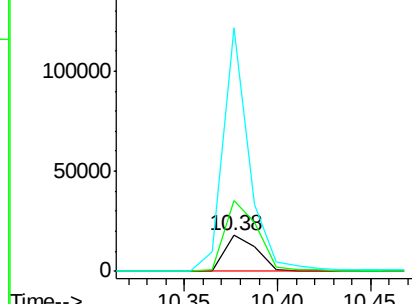
141 679.0 76.0 114.0#



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: 13.69 min Scan# 1059

Delta R.T. -0.07 min

Lab File: BF087262.D

Acq: 21 May 2016 10:06

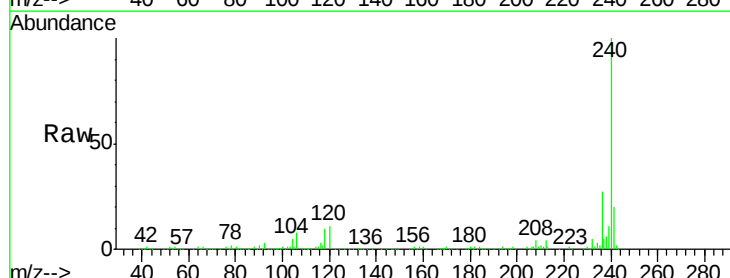
Tgt Ion:240 Resp: 345016

Ion Ratio Lower Upper

240 100

120 11.1 11.2 16.8#

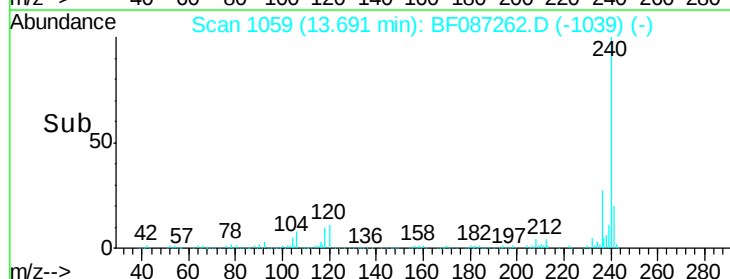
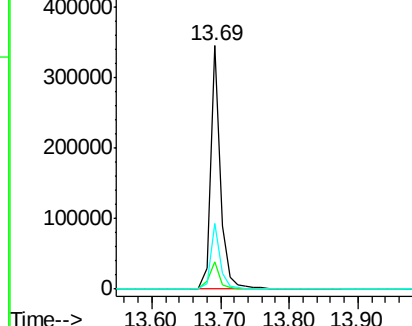
236 26.7 21.2 31.8

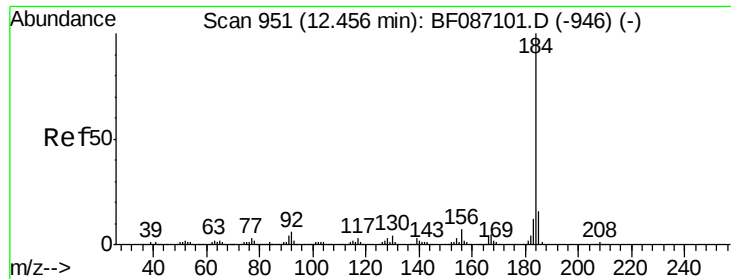


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#76

Benzidine

Concen: 2.54 ng

RT: 12.65 min Scan# 968

Delta R.T. 0.18 min

Lab File: BF087262.D

Acq: 21 May 2016 10:06

Instrument :

BNA_F

ClientSampleId :

SED-7-0-2

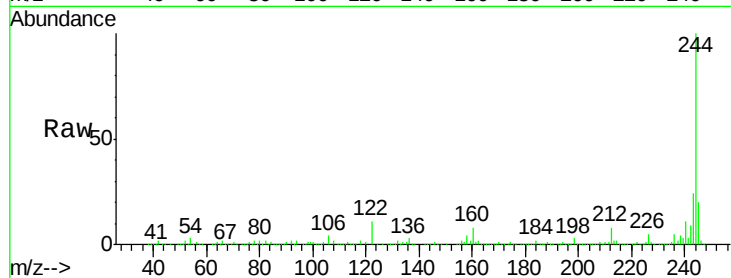
Tgt Ion:184 Resp: 20584

Ion Ratio Lower Upper

184 100

185 16.5 13.6 20.4

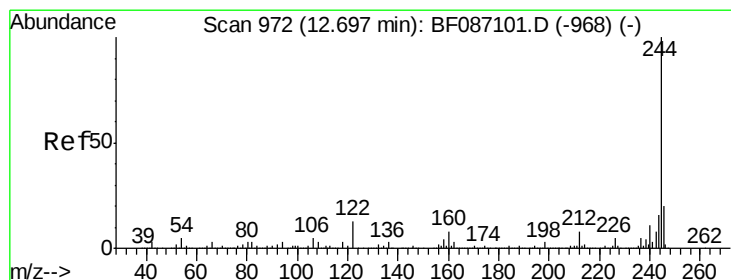
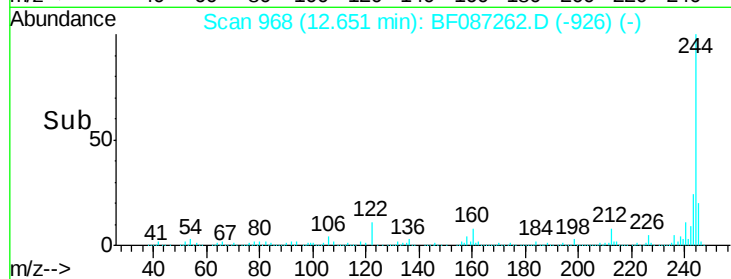
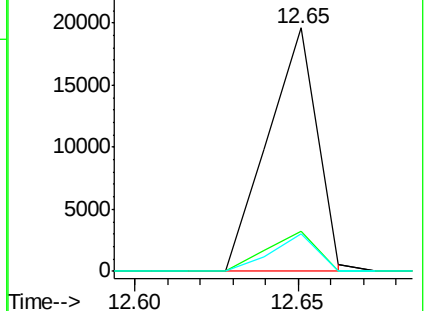
183 15.5 9.8 14.6#



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Terphenyl-d14

Concen: 82.91 ng

RT: 12.65 min Scan# 968

Delta R.T. -0.06 min

Lab File: BF087262.D

Acq: 21 May 2016 10:06

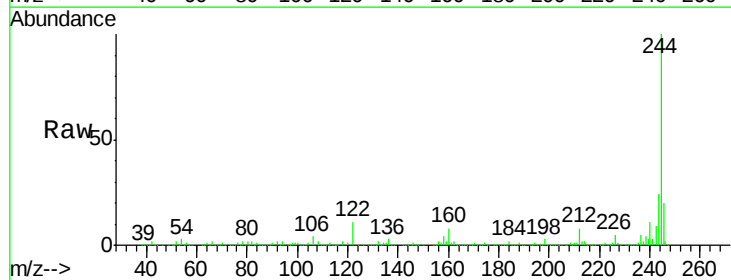
Tgt Ion:244 Resp: 1264529

Ion Ratio Lower Upper

244 100

212 7.6 6.2 9.2

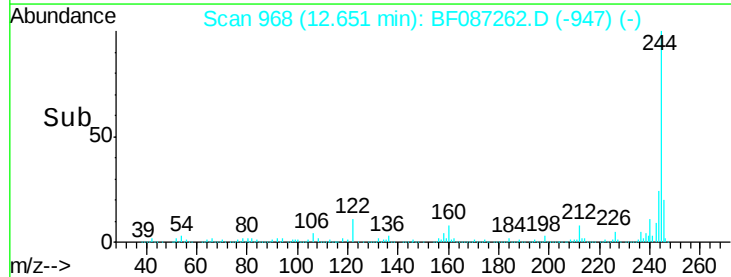
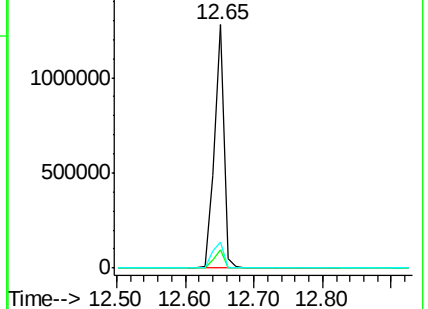
122 10.7 12.0 18.0#

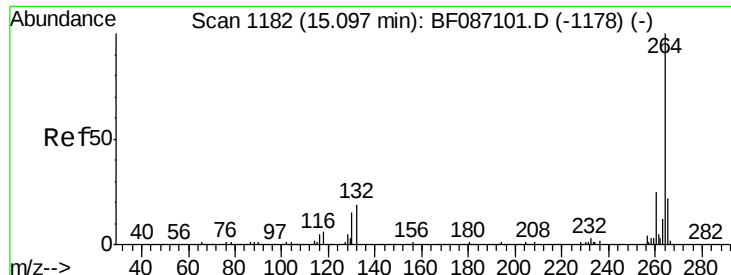


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

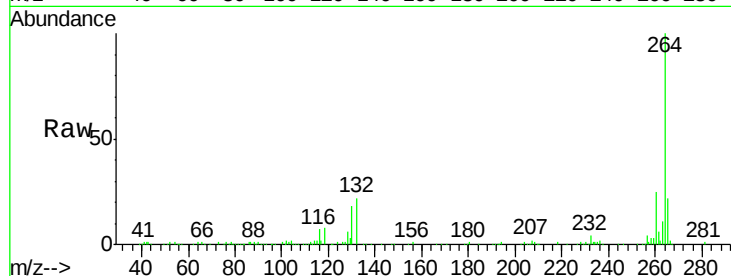




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.04 min Scan# 1177
Delta R.T. -0.07 min
Lab File: BF087262.D
Acq: 21 May 2016 10:06

Instrument :
BNA_F
ClientSampleId :
SED-7-0-2

Tgt Ion: 264 Resp: 243624
Ion Ratio Lower Upper
264 100
260 25.0 19.5 29.3
265 21.6 17.3 25.9



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

