

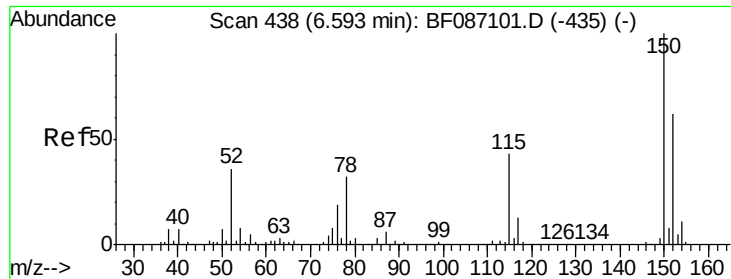
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052016\
 Data File : BF087264.D
 Acq On : 21 May 2016 11:04
 Operator : UM/SJ
 Sample : H3154-01
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SED-03-0-2

Quant Time: May 23 00:58:19 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	119412	20.00	ng	-0.05
21) Naphthalene-d8	7.84	136	523941	20.00	ng	-0.06
38) Acenaphthene-d10	9.59	164	258351	20.00	ng	-0.06
63) Phenanthrene-d10	11.06	188	487551	20.00	ng	-0.06
75) Chrysene-d12	13.69	240	336001	20.00	ng	-0.07
86) Perylene-d12	15.04	264	243460	20.00	ng	-0.07
System Monitoring Compounds						
5) 2-Fluorophenol	5.14	112	865044	121.76	ng	-0.06
7) Phenol-d6	6.23	99	1193446	125.25	ng	-0.06
23) Nitrobenzene-d5	7.13	82	733716	69.79	ng	-0.06
41) 2,4,6-Tribromophenol	10.38	330	246957	86.50	ng	-0.07
44) 2-Fluorobiphenyl	8.92	172	1269229	81.36	ng	-0.06
78) Terphenyl-d14	12.65	244	1150123	77.43	ng	-0.06
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.13	70	102988	14.22	ng	# 71
25) Isophorone	7.13	82	697566	36.25	ng	# 68
49) Dimethylphthalate	9.32	163	207612	10.53	ng	99
56) 2,4-Dinitrotoluene	9.59	165	32604	5.95	ng	# 16
66) 4-Bromophenyl-phenylether	10.38	248	17153	3.42	ng	# 1
76) Benzidine	12.65	184	18449	2.42	ng	# 94

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.56 min Scan# 435

Delta R.T. -0.05 min

Lab File: BF087264.D

Acq: 21 May 2016 11:04

Instrument :

BNA_F

ClientSampleId :

SED-03-0-2

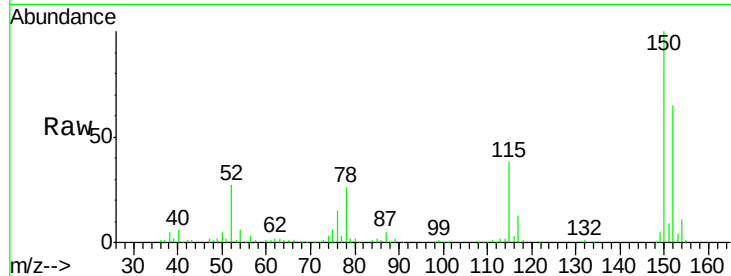
Tgt Ion:152 Resp: 119412

Ion Ratio Lower Upper

152 100

150 154.6 125.8 188.6

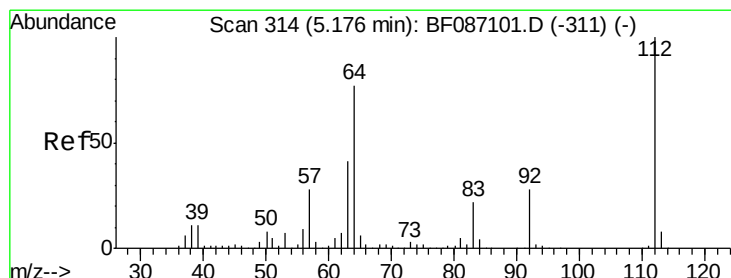
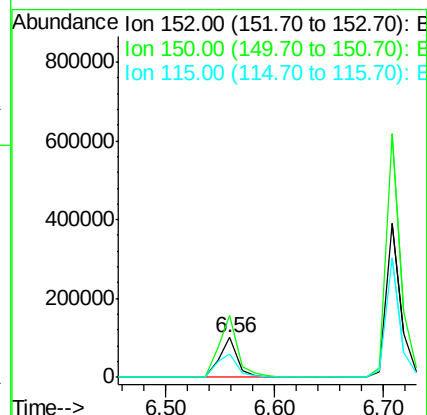
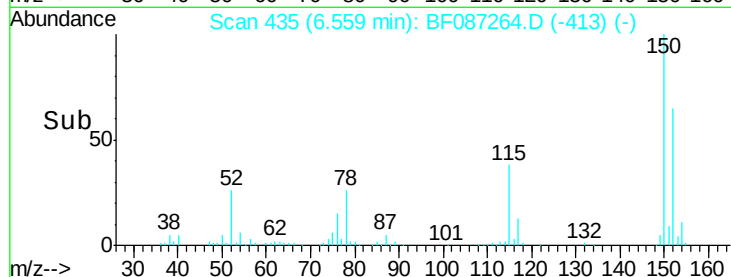
115 59.2 51.5 77.3



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: 121.76 ng

RT: 5.14 min Scan# 311

Delta R.T. -0.06 min

Lab File: BF087264.D

Acq: 21 May 2016 11:04

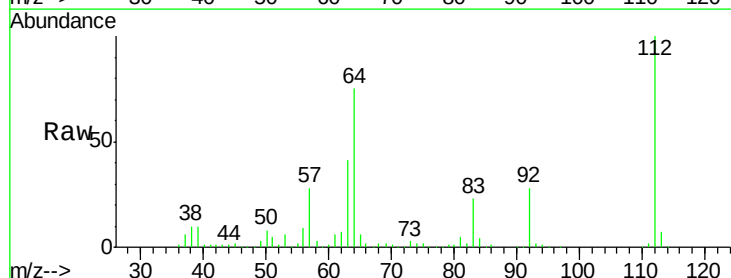
Tgt Ion:112 Resp: 865044

Ion Ratio Lower Upper

112 100

64 74.6 52.1 78.1

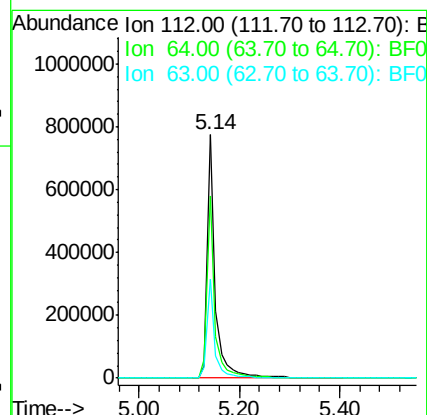
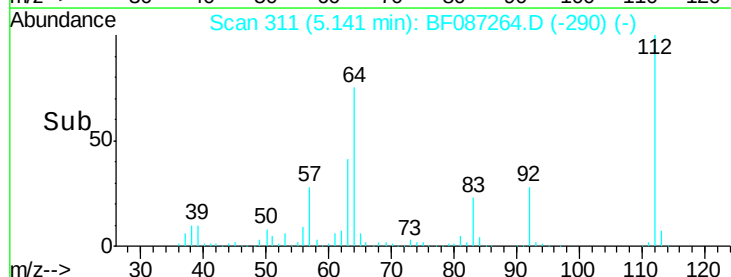
63 40.8 25.7 38.5

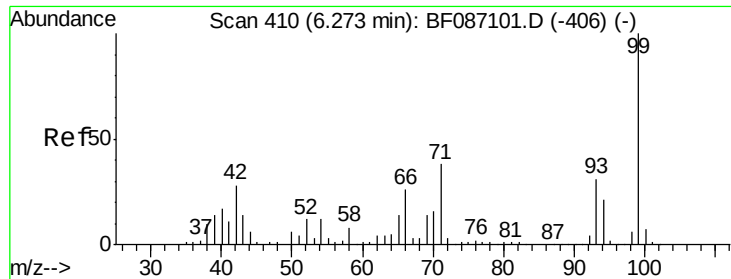


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 125.25 ng

RT: 6.23 min Scan# 406

Delta R.T. -0.06 min

Lab File: BF087264.D

Acq: 21 May 2016 11:04

Instrument :

BNA_F

ClientSampleId :

SED-03-0-2

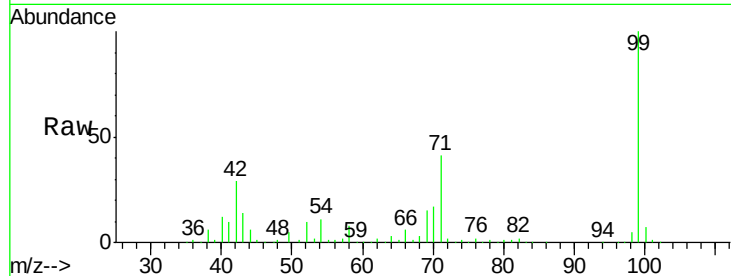
Tgt Ion: 99 Resp: 1193446

Ion Ratio Lower Upper

99 100

42 29.3 13.6 20.4#

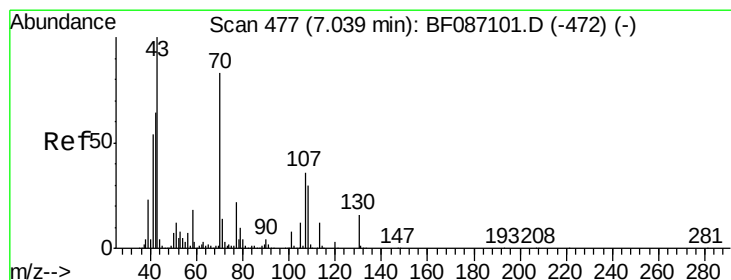
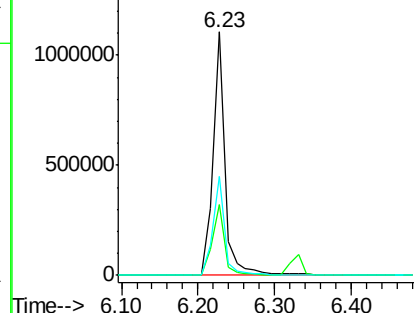
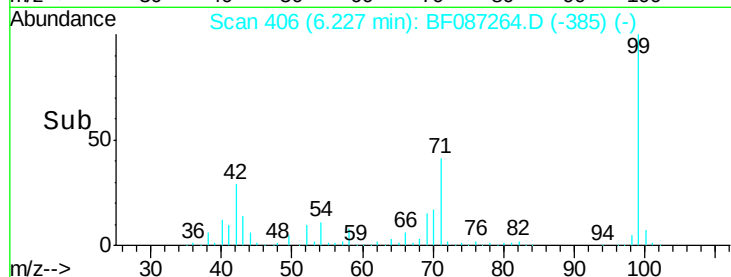
71 40.6 24.6 36.8#



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



#19

n-Nitroso-di-n-propylamine

Concen: 14.22 ng

RT: 7.13 min Scan# 485

Delta R.T. 0.08 min

Lab File: BF087264.D

Acq: 21 May 2016 11:04

Tgt Ion: 70 Resp: 102988

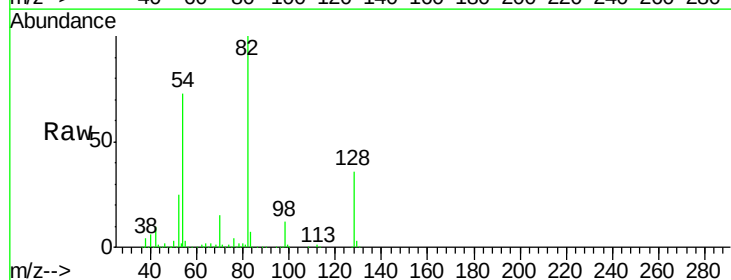
Ion Ratio Lower Upper

70 100

42 69.8 43.1 64.7#

101 0.0 8.1 12.1#

130 1.7 18.6 28.0#

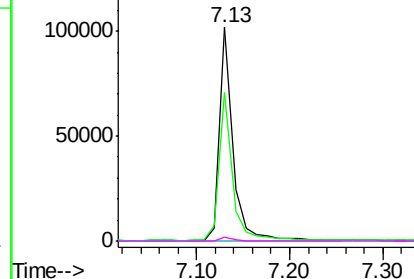
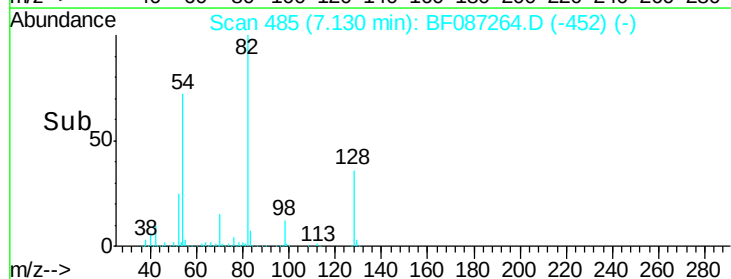


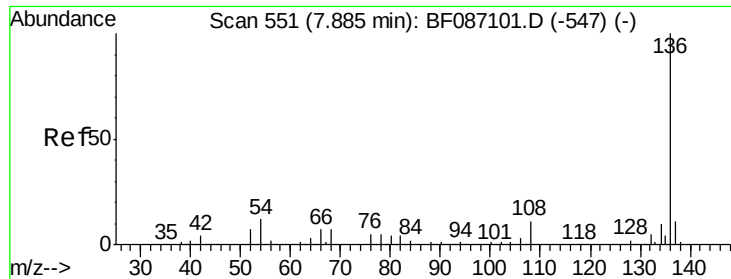
Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0

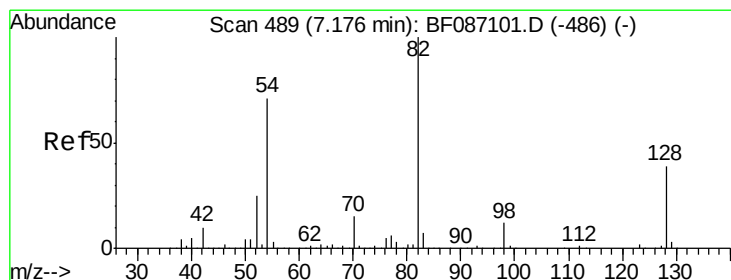
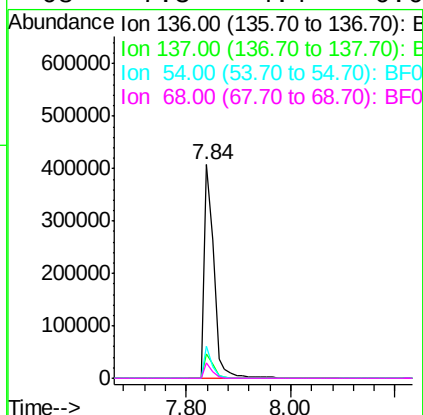
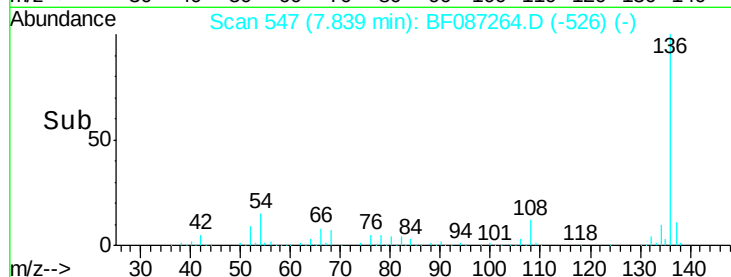
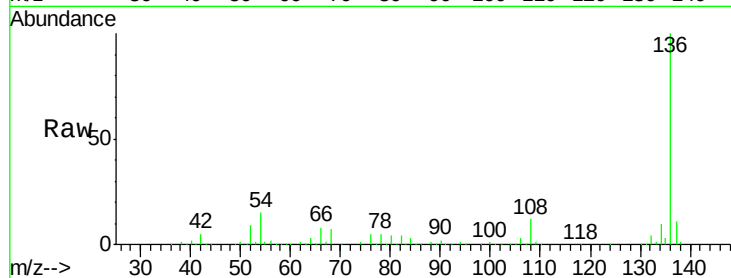




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.84 min Scan# 547
Delta R.T. -0.06 min
Lab File: BF087264.D
Acq: 21 May 2016 11:04

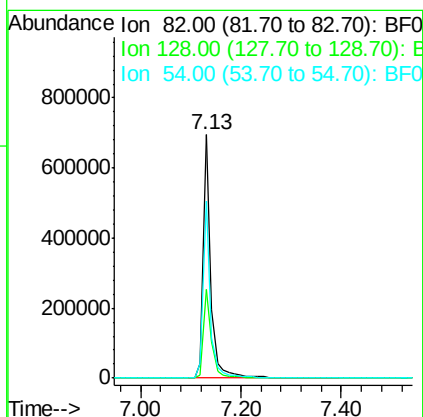
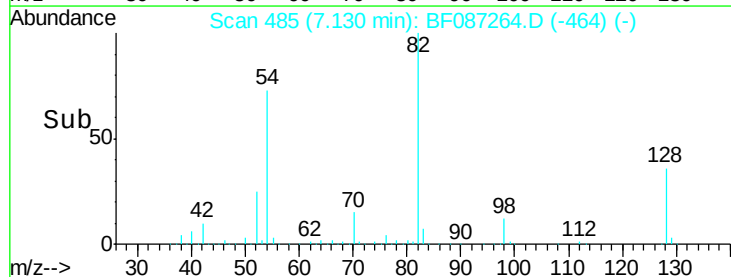
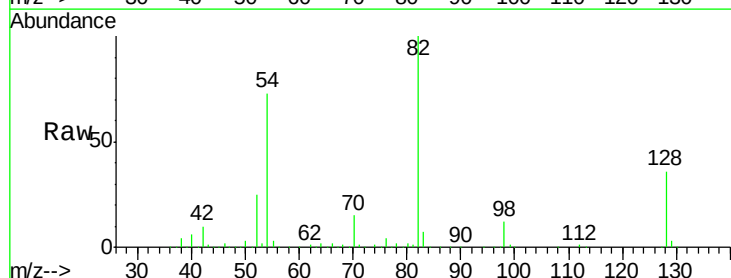
Instrument :
BNA_F
ClientSampleId :
SED-03-0-2

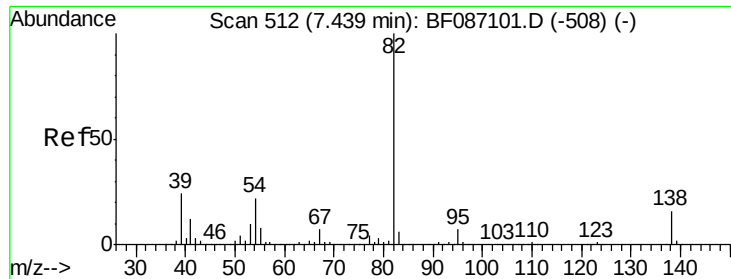
Tgt Ion:	136	Resp:	523941
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.8	13.2
54	14.8	5.0	7.4#
68	7.3	4.4	6.6#



#23
Nitrobenzene-d5
Concen: 69.79 ng
RT: 7.13 min Scan# 485
Delta R.T. -0.06 min
Lab File: BF087264.D
Acq: 21 May 2016 11:04

Tgt Ion:	82	Resp:	733716
Ion	Ratio	Lower	Upper
82	100		
128	36.5	40.6	61.0#
54	72.6	38.1	57.1#





#25

Isophorone

Concen: 36.25 ng

RT: 7.13 min Scan# 485

Delta R.T. -0.32 min

Lab File: BF087264.D

Acq: 21 May 2016 11:04

Instrument :

BNA_F

ClientSampleId :

SED-03-0-2

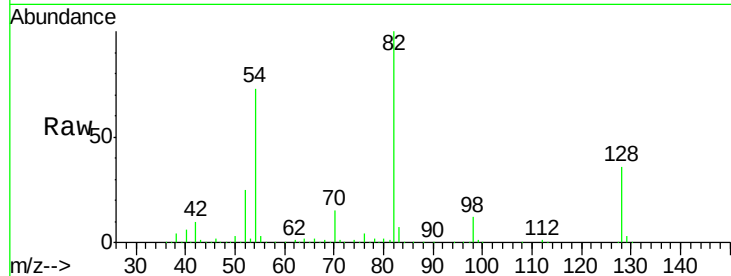
Tgt Ion: 82 Resp: 697566

Ion Ratio Lower Upper

82 100

95 0.0 5.1 7.7#

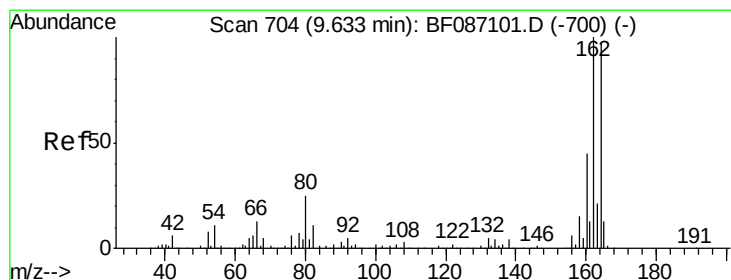
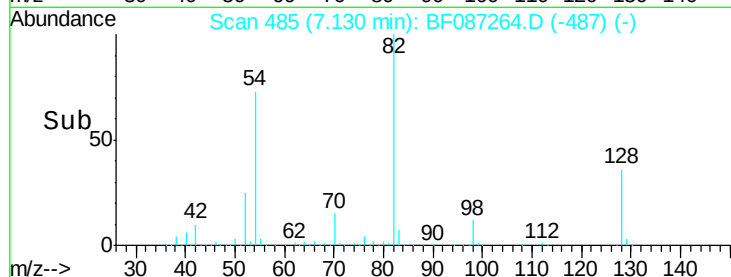
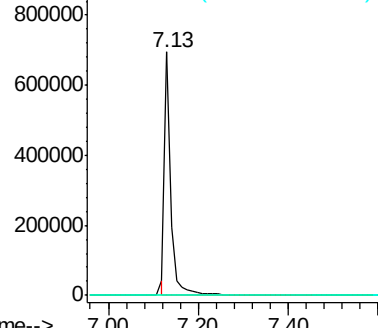
138 0.0 12.4 18.6#



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.59 min Scan# 700

Delta R.T. -0.06 min

Lab File: BF087264.D

Acq: 21 May 2016 11:04

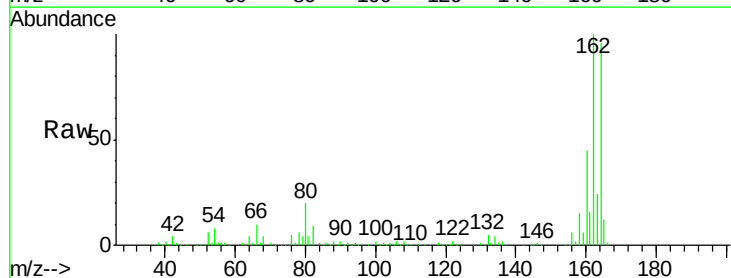
Tgt Ion: 164 Resp: 258351

Ion Ratio Lower Upper

164 100

162 103.8 82.8 124.2

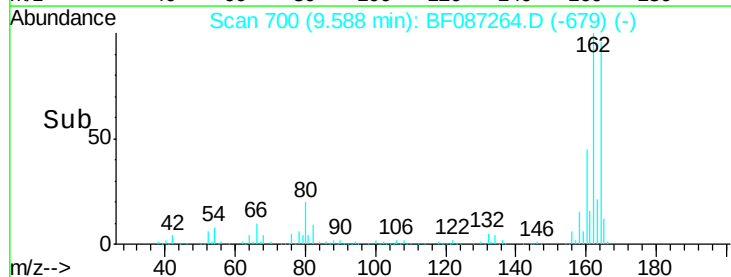
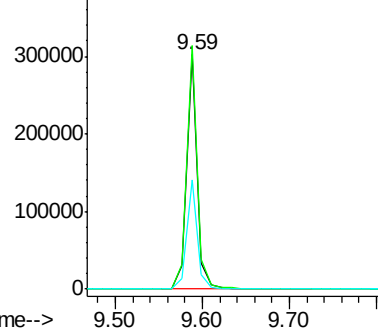
160 46.8 36.9 55.3

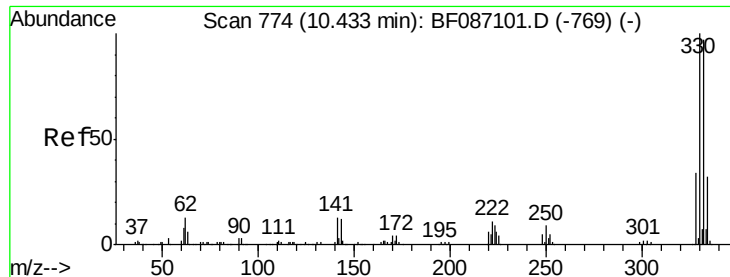


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

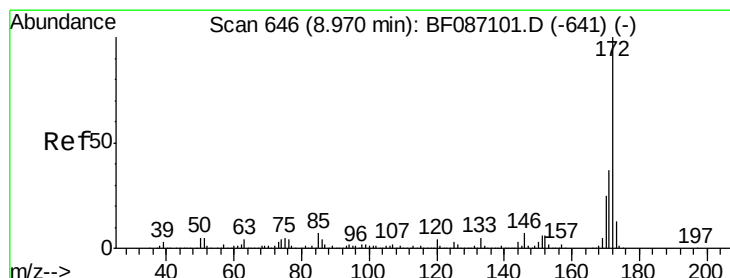
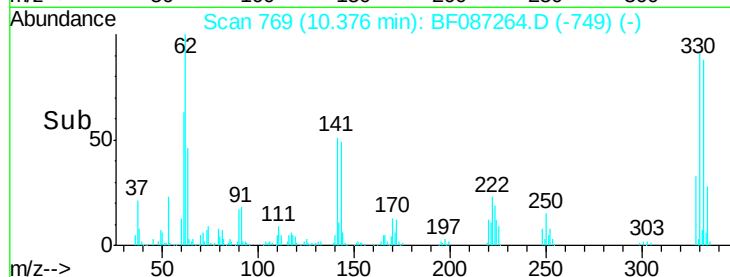
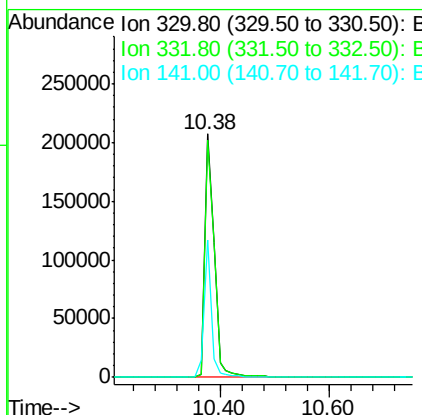
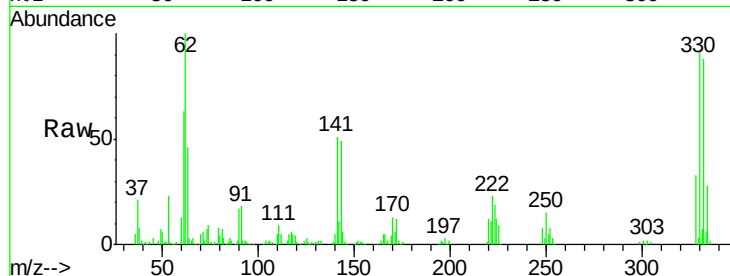




#41
 2,4,6-Tribromophenol
 Concen: 86.50 ng
 RT: 10.38 min Scan# 769
 Delta R.T. -0.07 min
 Lab File: BF087264.D
 Acq: 21 May 2016 11:04

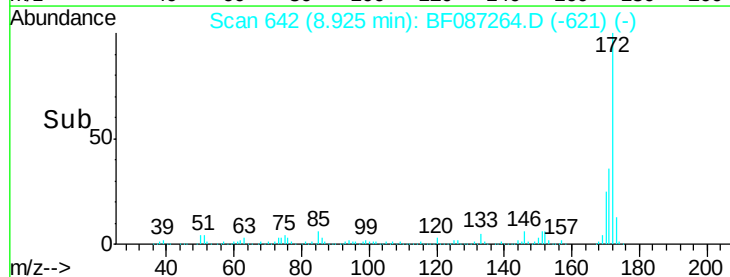
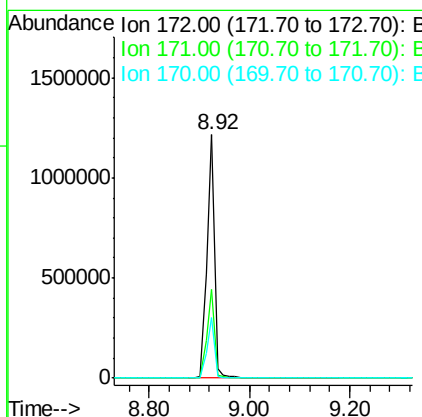
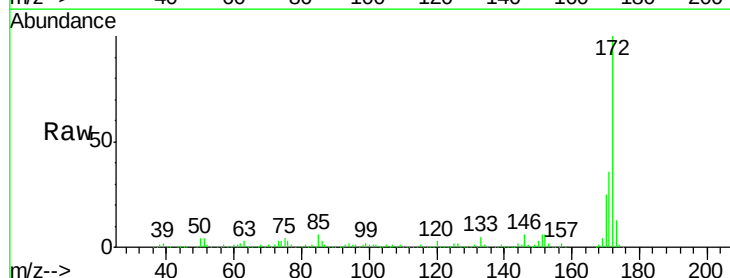
Instrument :
 BNA_F
 ClientSampleId :
 SED-03-0-2

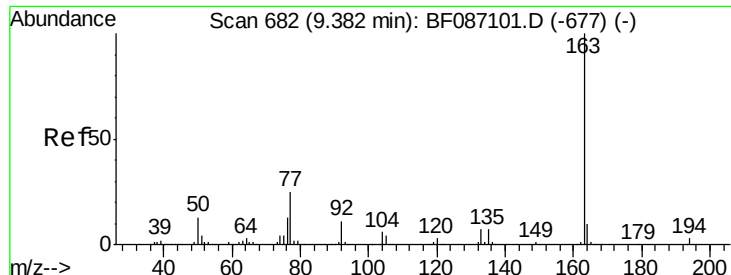
Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.9	79.0	118.4
141	43.8	31.2	46.8



#44
 2-Fluorobiphenyl
 Concen: 81.36 ng
 RT: 8.92 min Scan# 642
 Delta R.T. -0.06 min
 Lab File: BF087264.D
 Acq: 21 May 2016 11:04

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.0	43.6
170	24.7	19.8	29.8

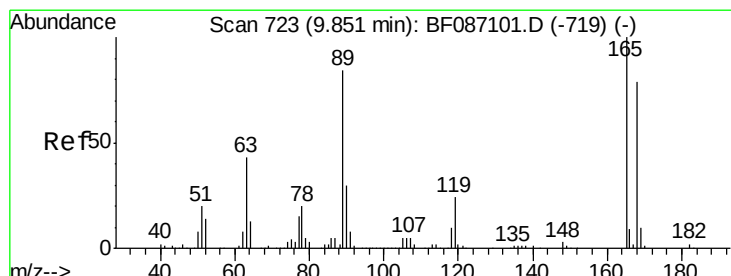
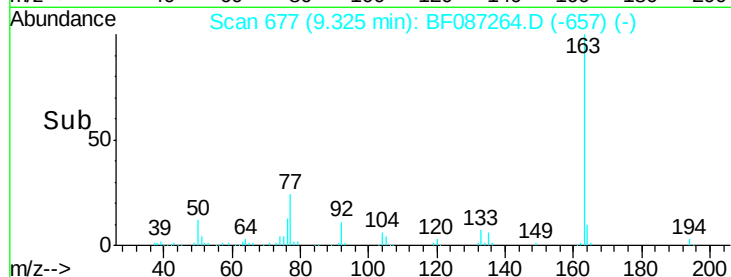
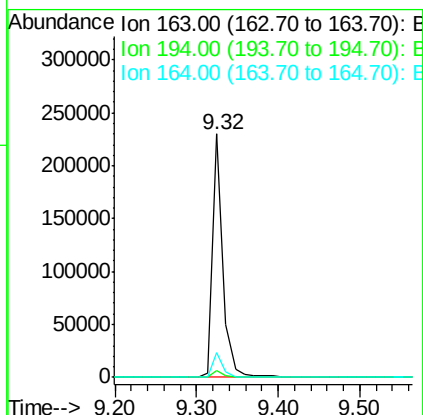
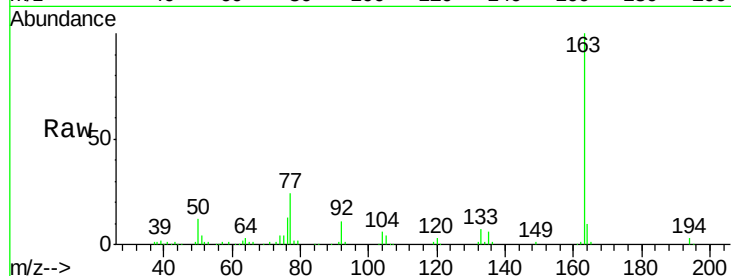




#49
Dimethylphthalate
Concen: 10.53 ng
RT: 9.32 min Scan# 677
Delta R.T. -0.07 min
Lab File: BF087264.D
Acq: 21 May 2016 11:04

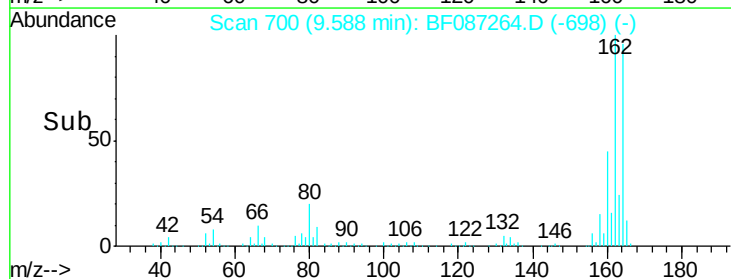
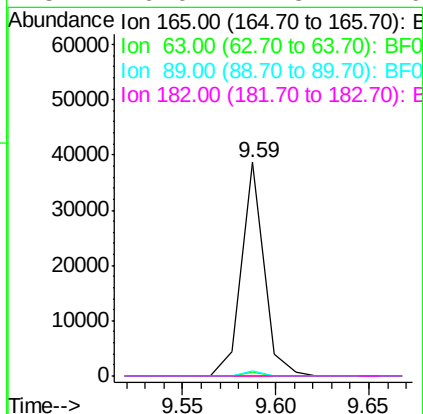
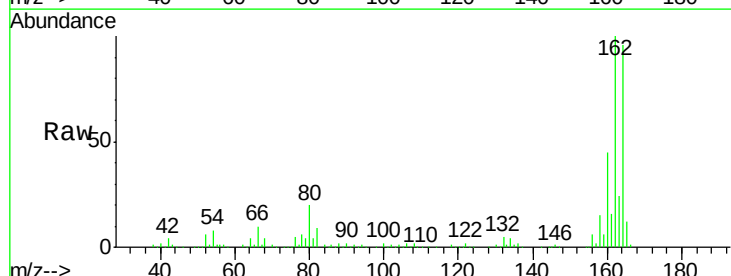
Instrument :
BNA_F
ClientSampleId :
SED-03-0-2

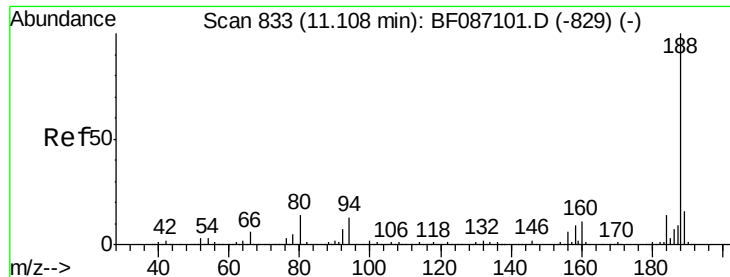
Tgt Ion:163 Resp: 207612
Ion Ratio Lower Upper
163 100
194 3.0 2.6 4.0
164 10.1 8.2 12.4



#56
2,4-Dinitrotoluene
Concen: 5.95 ng
RT: 9.59 min Scan# 700
Delta R.T. -0.27 min
Lab File: BF087264.D
Acq: 21 May 2016 11:04

Tgt Ion:165 Resp: 32604
Ion Ratio Lower Upper
165 100
63 1.9 44.3 66.5#
89 2.1 70.0 105.0#
182 0.0 1.8 2.6#

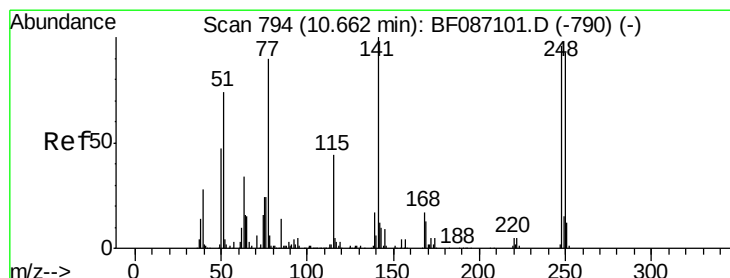
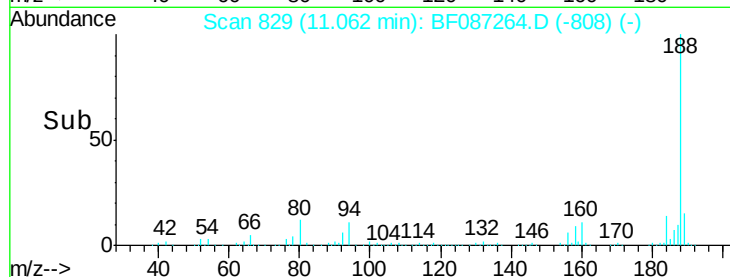
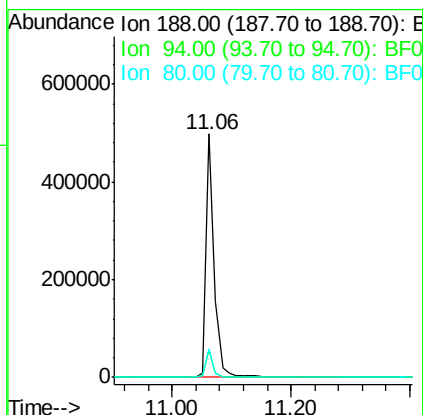
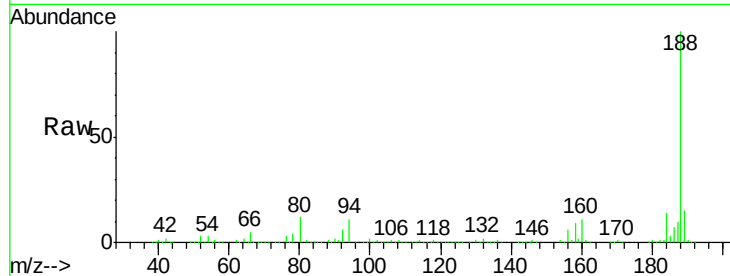




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.06 min Scan# 829
Delta R.T. -0.06 min
Lab File: BF087264.D
Acq: 21 May 2016 11:04

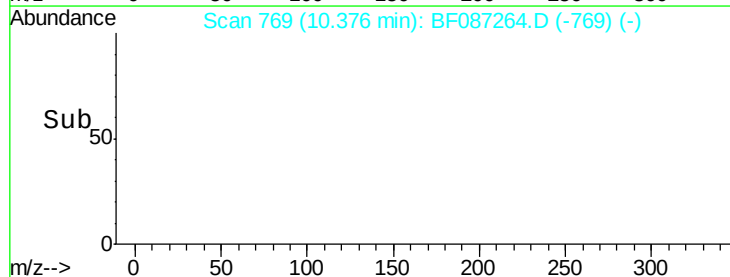
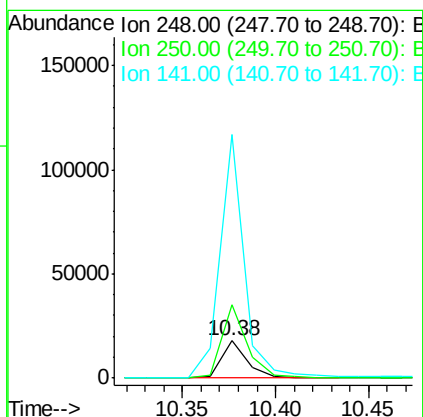
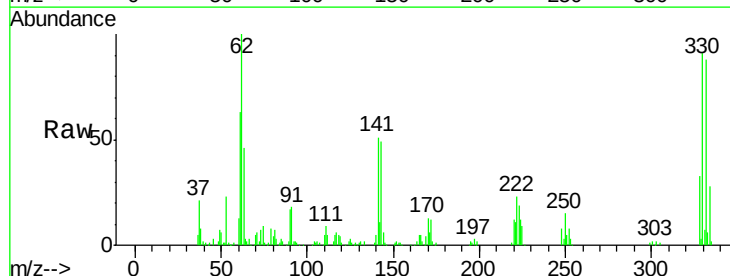
Instrument :
BNA_F
ClientSampleId :
SED-03-0-2

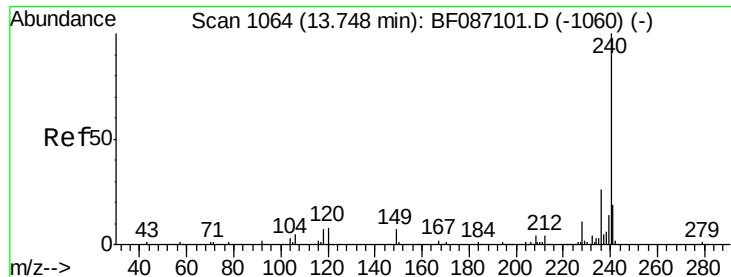
Tgt Ion:188 Resp: 487551
Ion Ratio Lower Upper
188 100
94 11.0 6.8 10.2#
80 12.0 7.1 10.7#



#66
4-Bromophenyl-phenylether
Concen: 3.42 ng
RT: 10.38 min Scan# 769
Delta R.T. -0.30 min
Lab File: BF087264.D
Acq: 21 May 2016 11:04

Tgt Ion:248 Resp: 17153
Ion Ratio Lower Upper
248 100
250 199.5 78.6 117.8#
141 658.5 76.0 114.0#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.69 min Scan# 1059

Delta R.T. -0.07 min

Lab File: BF087264.D

Acq: 21 May 2016 11:04

Instrument :

BNA_F

ClientSampleId :

SED-03-0-2

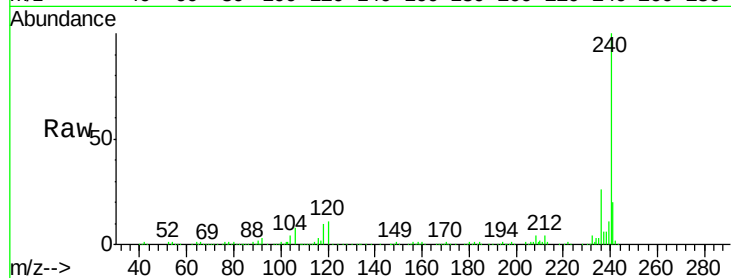
Tgt Ion:240 Resp: 336001

Ion Ratio Lower Upper

240 100

120 11.2 11.2 16.8#

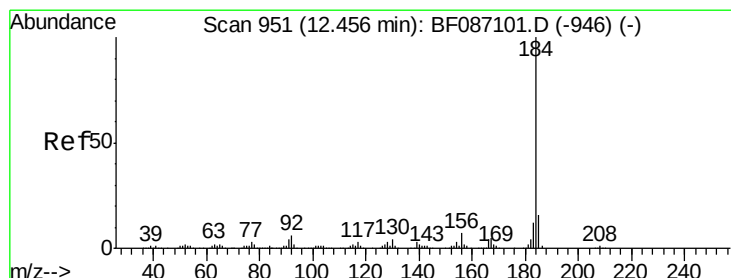
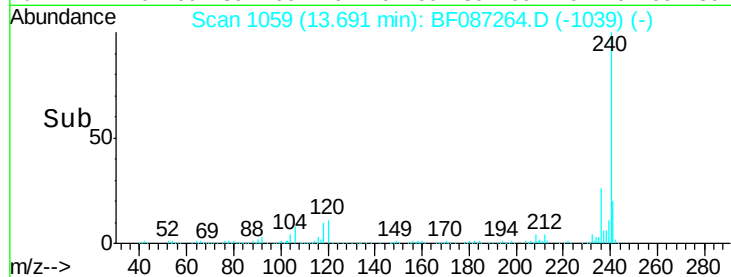
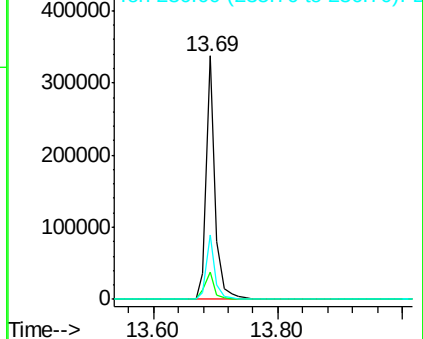
236 26.5 21.2 31.8



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: 2.42 ng

RT: 12.65 min Scan# 968

Delta R.T. 0.18 min

Lab File: BF087264.D

Acq: 21 May 2016 11:04

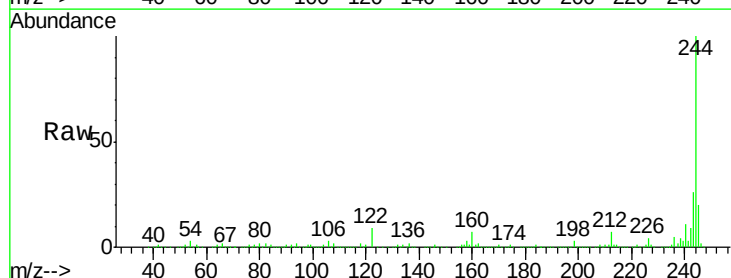
Tgt Ion:184 Resp: 18449

Ion Ratio Lower Upper

184 100

185 18.0 13.6 20.4

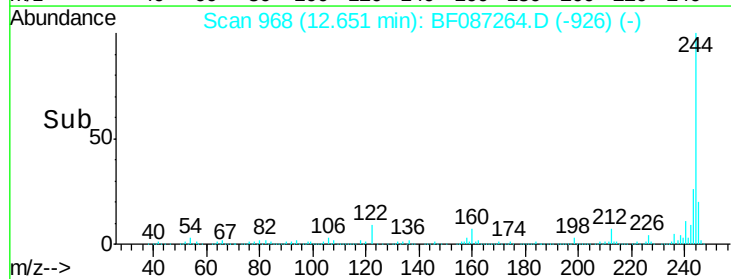
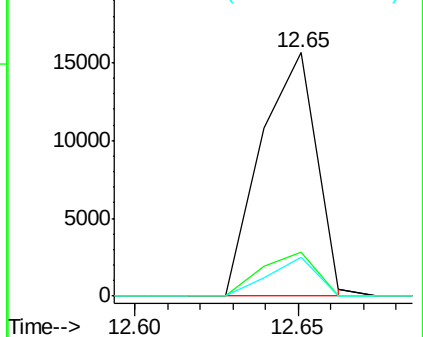
183 16.1 9.8 14.6#

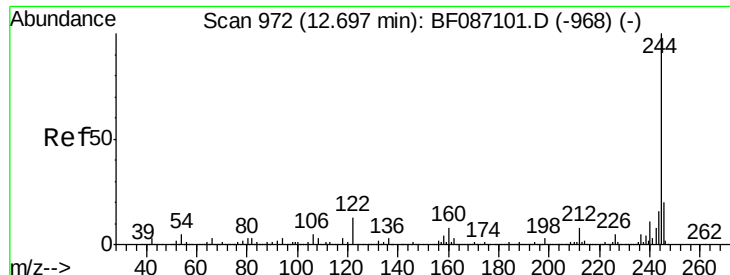


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

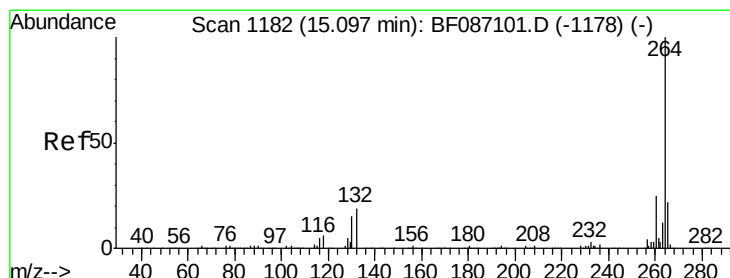
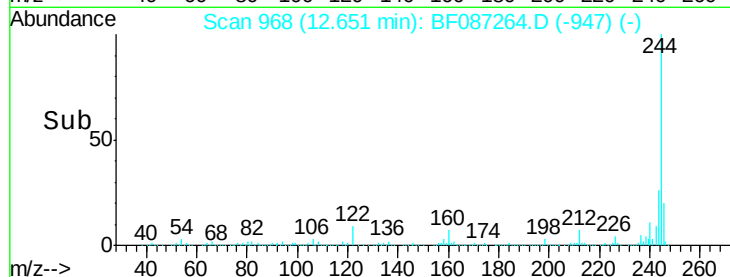
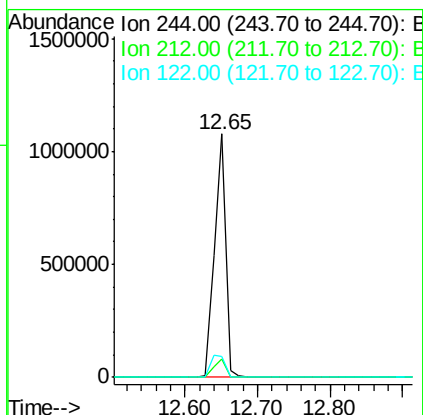
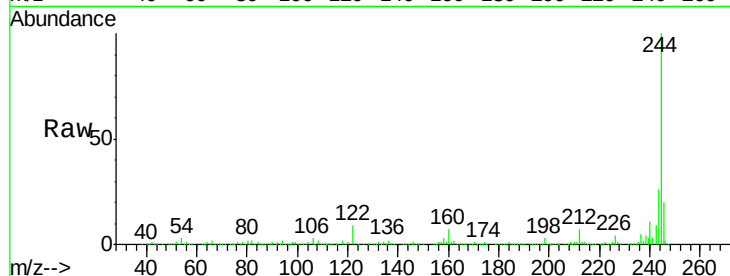




#78
 Terphenyl-d14
 Concen: 77.43 ng
 RT: 12.65 min Scan# 968
 Delta R.T. -0.06 min
 Lab File: BF087264.D
 Acq: 21 May 2016 11:04

Instrument :
 BNA_F
 ClientSampleId :
 SED-03-0-2

Tgt Ion:244 Resp: 1150123
 Ion Ratio Lower Upper
 244 100
 212 7.4 6.2 9.2
 122 8.8 12.0 18.0#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.04 min Scan# 1177
 Delta R.T. -0.07 min
 Lab File: BF087264.D
 Acq: 21 May 2016 11:04

Tgt Ion:264 Resp: 243460
 Ion Ratio Lower Upper
 264 100
 260 24.9 19.5 29.3
 265 21.8 17.3 25.9

