

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052016\
 Data File : BF087270.D
 Acq On : 21 May 2016 13:58
 Operator : UM/SJ
 Sample : H3144-18
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-25-COMP

Quant Time: May 23 00:59:48 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

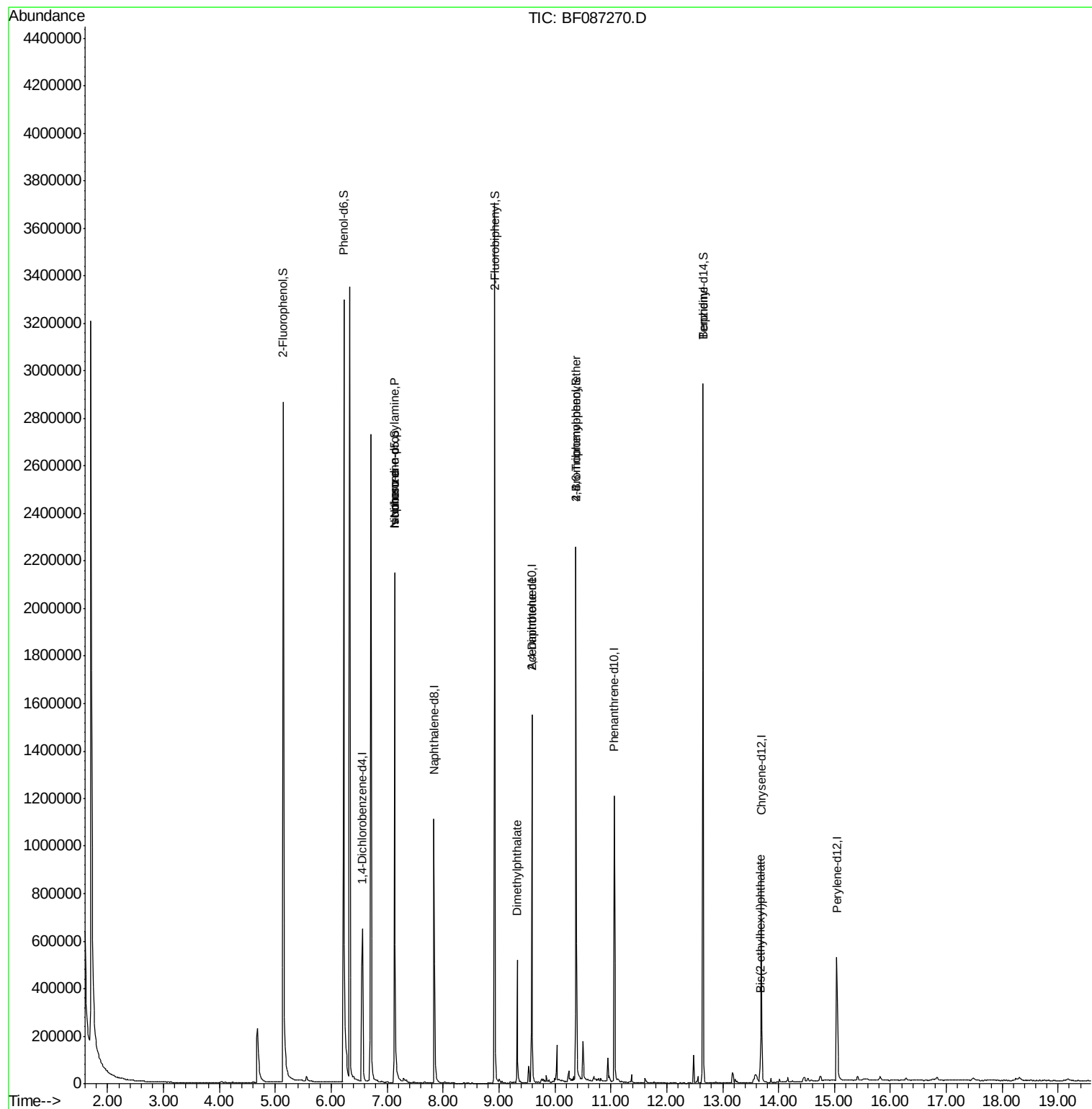
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.56	152	127877	20.00	ng	-0.05
21) Naphthalene-d8	7.84	136	555695	20.00	ng	-0.06
38) Acenaphthene-d10	9.59	164	276274	20.00	ng	-0.06
63) Phenanthrene-d10	11.06	188	484490	20.00	ng	-0.06
75) Chrysene-d12	13.69	240	328604	20.00	ng	-0.07
86) Perylene-d12	15.04	264	253264	20.00	ng	-0.07
System Monitoring Compounds						
5) 2-Fluorophenol	5.14	112	800404	105.21	ng	-0.06
7) Phenol-d6	6.23	99	1150974	112.80	ng	-0.06
23) Nitrobenzene-d5	7.13	82	685452	61.48	ng	-0.06
41) 2,4,6-Tribromophenol	10.38	330	232125	76.03	ng	-0.07
44) 2-Fluorobiphenyl	8.92	172	1251377	75.02	ng	-0.06
78) Terphenyl-d14	12.65	244	1053565	72.53	ng	-0.06
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.13	70	96174	12.40	ng	# 71
25) Isophorone	7.13	82	660516	32.36	ng	# 68
49) Dimethylphthalate	9.32	163	188155	8.93	ng	100
56) 2,4-Dinitrotoluene	9.59	165	35269	6.02	ng	# 16
66) 4-Bromophenyl-phenylether	10.38	248	15910	3.19	ng	# 1
76) Benzidine	12.65	184	16371	2.29	ng	# 93
83) Bis(2-ethylhexyl)phthalate	13.68	149	38820	3.18	ng	# 98

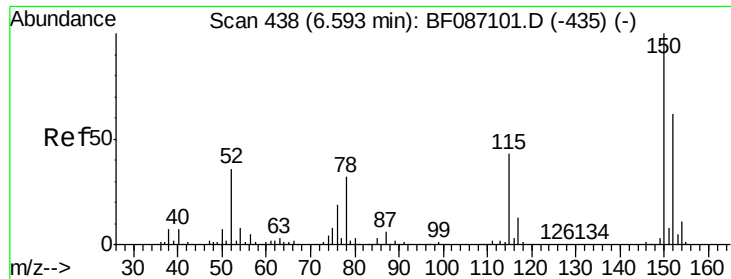
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.56 min Scan# 435

Delta R.T. -0.05 min

Lab File: BF087270.D

Acq: 21 May 2016 13:58

Instrument :

BNA_F

ClientSampleId :

SB-25-COMP

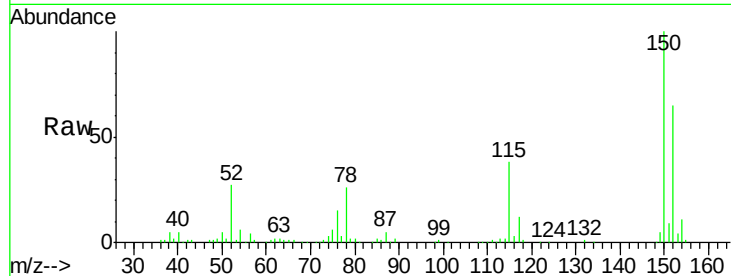
Tgt Ion:152 Resp: 127877

Ion Ratio Lower Upper

152 100

150 154.9 125.8 188.6

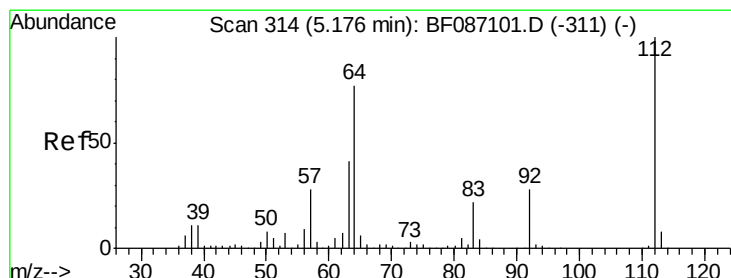
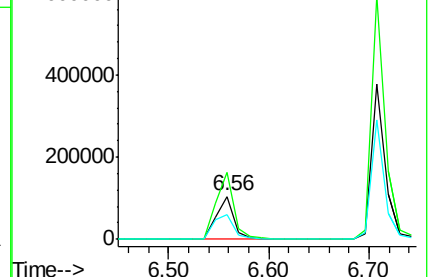
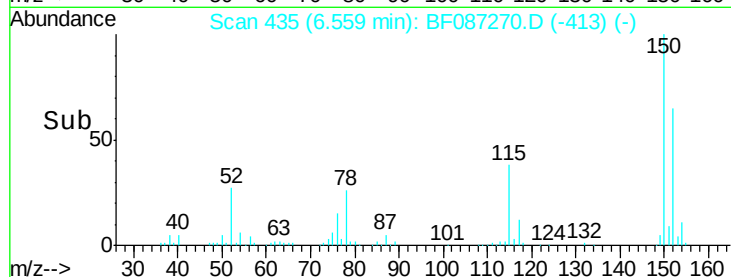
115 59.1 51.5 77.3



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: 105.21 ng

RT: 5.14 min Scan# 311

Delta R.T. -0.06 min

Lab File: BF087270.D

Acq: 21 May 2016 13:58

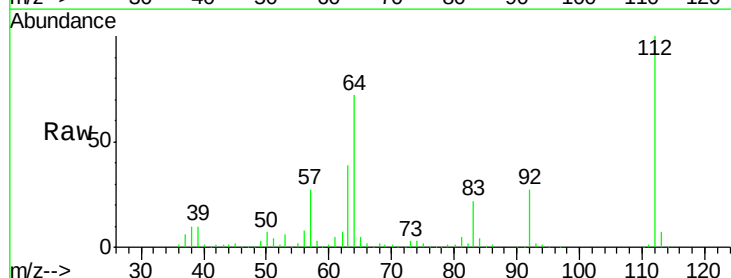
Tgt Ion:112 Resp: 800404

Ion Ratio Lower Upper

112 100

64 71.6 52.1 78.1

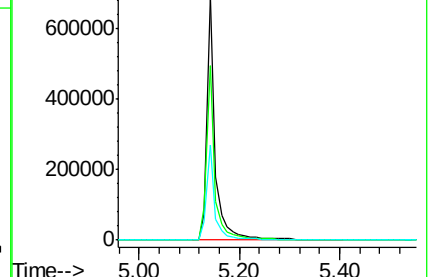
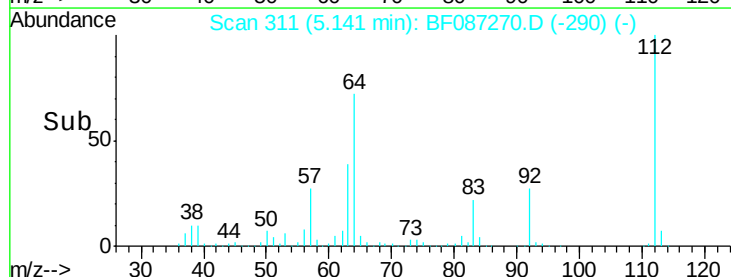
63 39.2 25.7 38.5

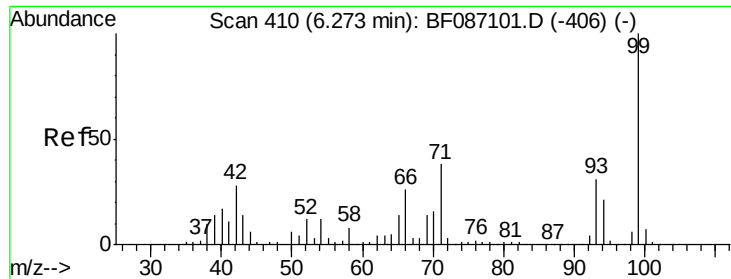


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 112.80 ng

RT: 6.23 min Scan# 406

Delta R.T. -0.06 min

Lab File: BF087270.D

Acq: 21 May 2016 13:58

Instrument :

BNA_F

ClientSampleId :

SB-25-COMP

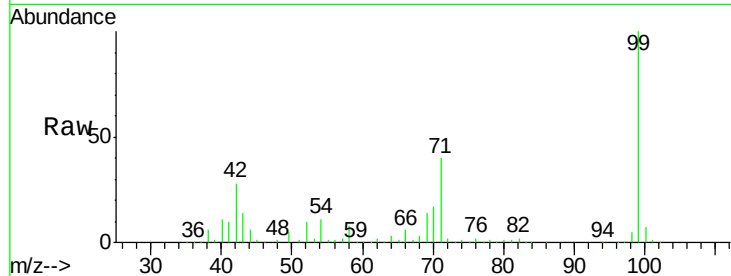
Tgt Ion: 99 Resp: 1150974

Ion Ratio Lower Upper

99 100

42 28.2 13.6 20.4#

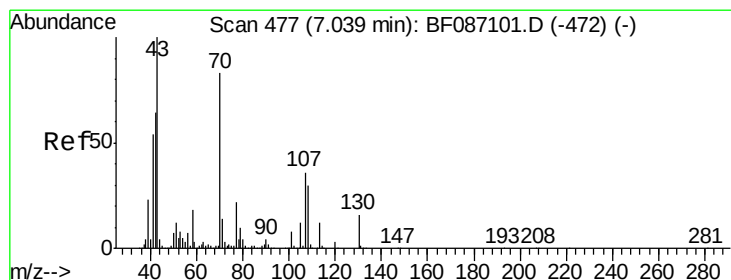
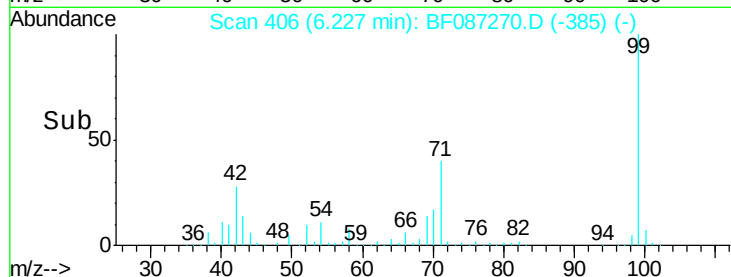
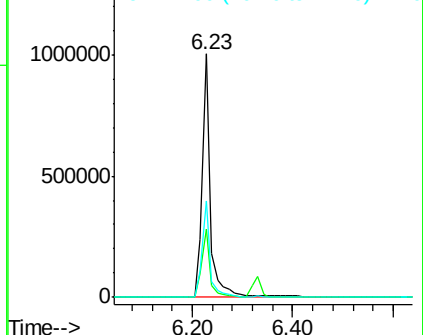
71 39.6 24.6 36.8#



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: 12.40 ng

RT: 7.13 min Scan# 485

Delta R.T. 0.08 min

Lab File: BF087270.D

Acq: 21 May 2016 13:58

Tgt Ion: 70 Resp: 96174

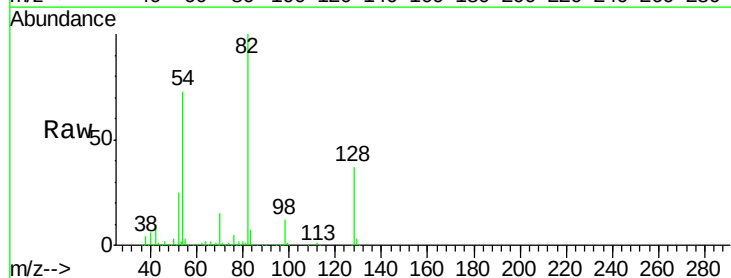
Ion Ratio Lower Upper

70 100

42 69.7 43.1 64.7#

101 0.0 8.1 12.1#

130 1.7 18.6 28.0#

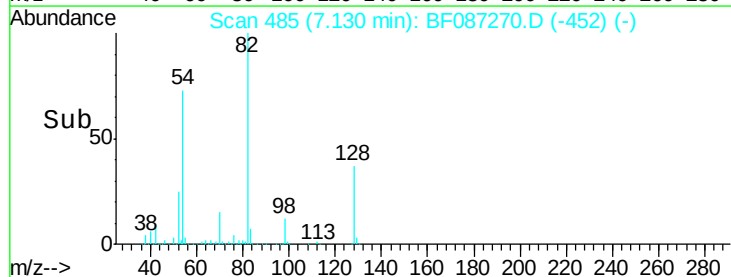
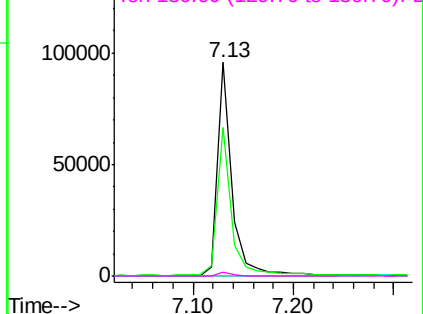


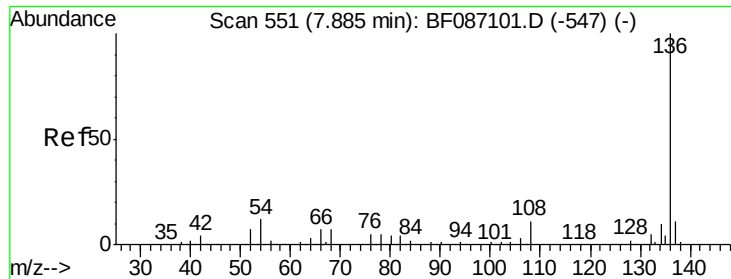
Abundance Ion 70.00 (69.70 to 70.70): BF0

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

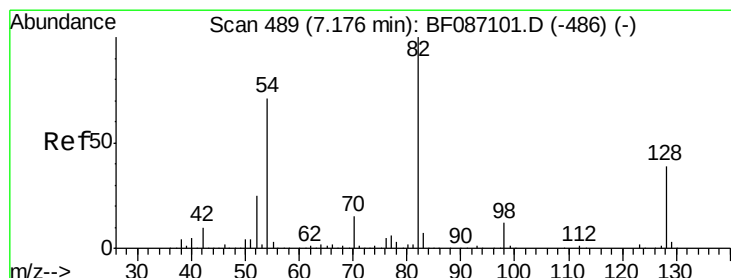
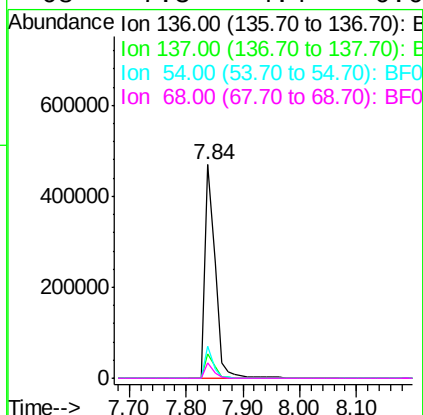
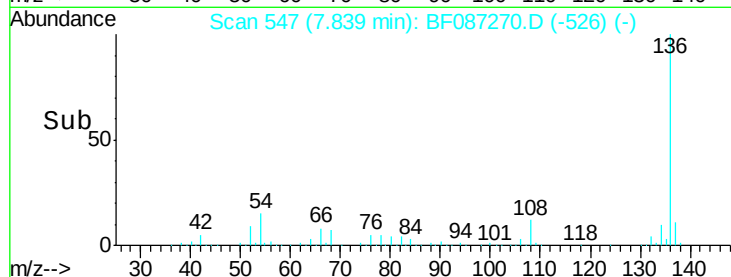
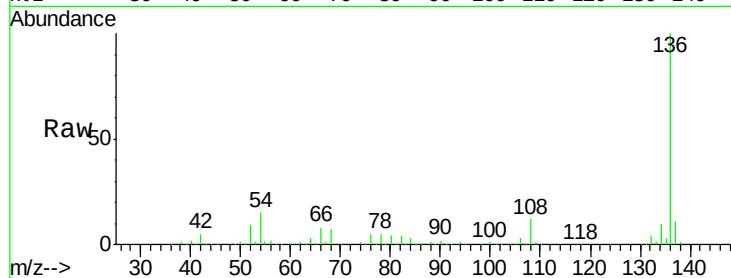




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.84 min Scan# 547
Delta R.T. -0.06 min
Lab File: BF087270.D
Acq: 21 May 2016 13:58

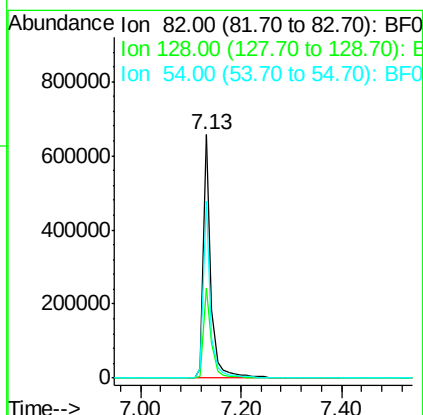
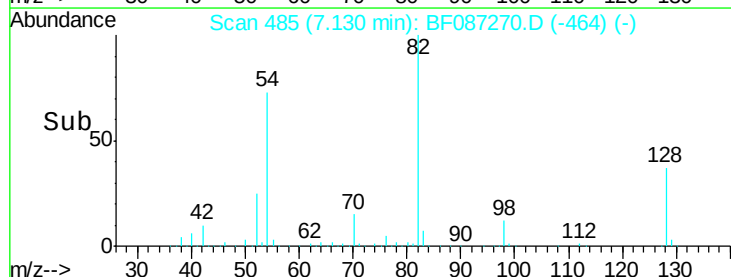
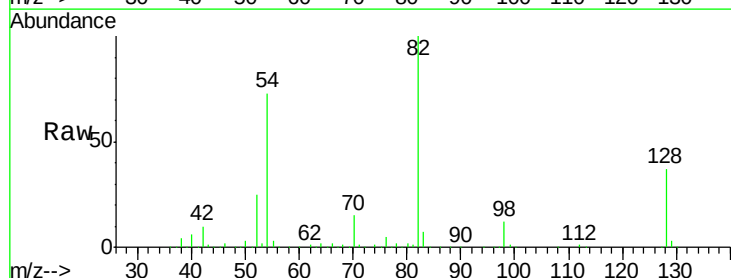
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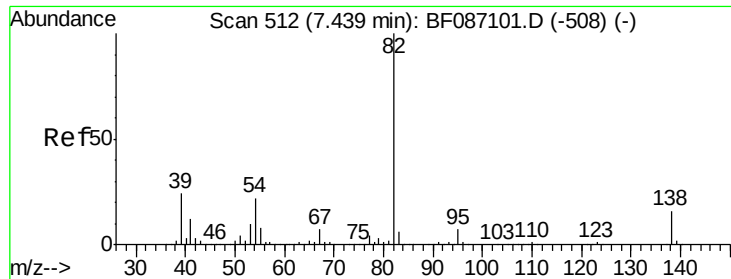
Tgt Ion:	136	Resp:	555695
Ion	Ratio	Lower	Upper
136	100		
137	11.5	8.8	13.2
54	15.0	5.0	7.4#
68	7.3	4.4	6.6#



#23
Nitrobenzene-d5
Concen: 61.48 ng
RT: 7.13 min Scan# 485
Delta R.T. -0.06 min
Lab File: BF087270.D
Acq: 21 May 2016 13:58

Tgt Ion:	82	Resp:	685452
Ion	Ratio	Lower	Upper
82	100		
128	36.8	40.6	61.0#
54	72.8	38.1	57.1#





#25

Isophorone

Concen: 32.36 ng

RT: 7.13 min Scan# 485

Delta R.T. -0.32 min

Lab File: BF087270.D

Acq: 21 May 2016 13:58

Instrument :

BNA_F

ClientSampleId :

SB-25-COMP

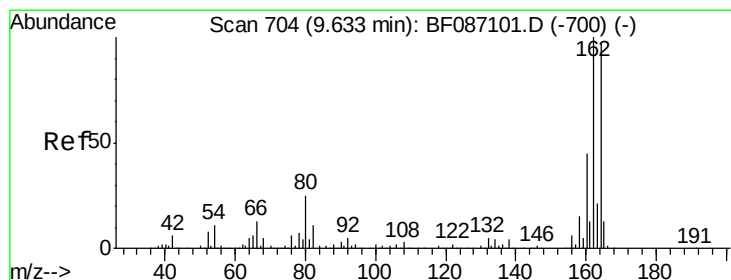
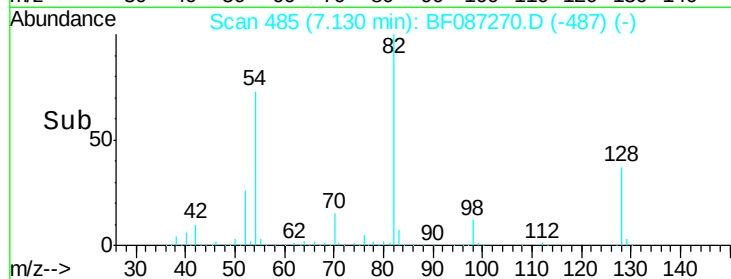
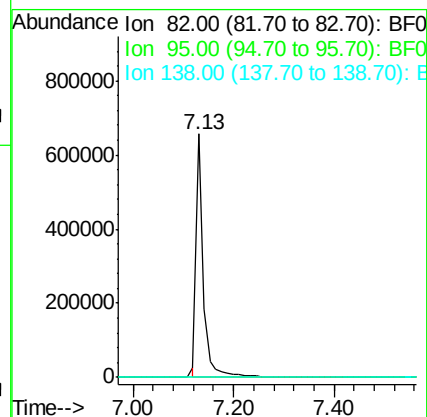
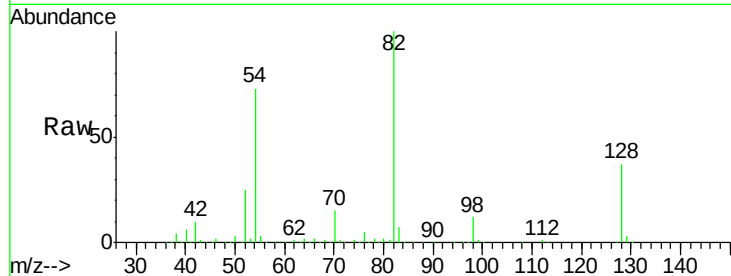
Tgt Ion: 82 Resp: 660516

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: BF087270.D

Acq: 21 May 2016 13:58

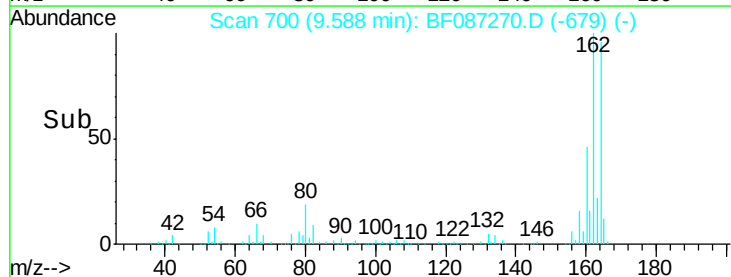
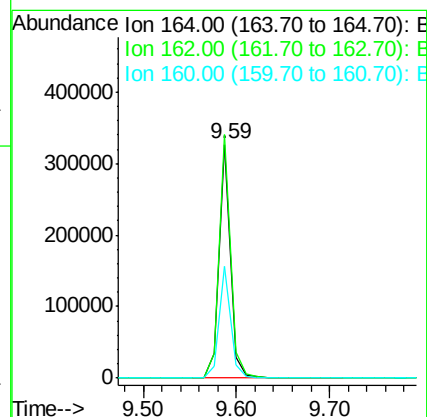
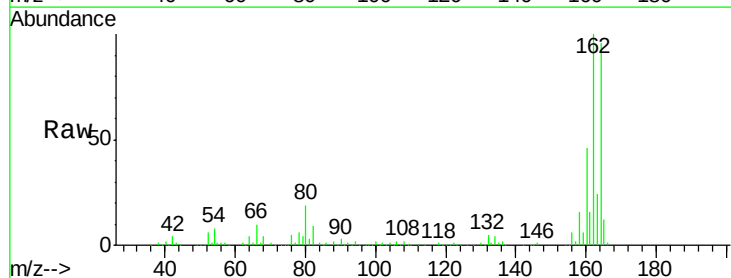
Tgt Ion: 164 Resp: 276274

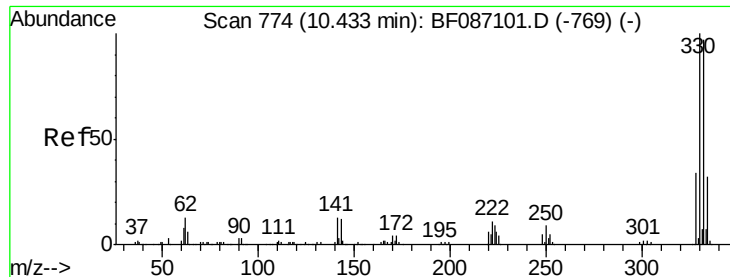
Ion Ratio Lower Upper

164 100

162 104.1 82.8 124.2

160 47.6 36.9 55.3

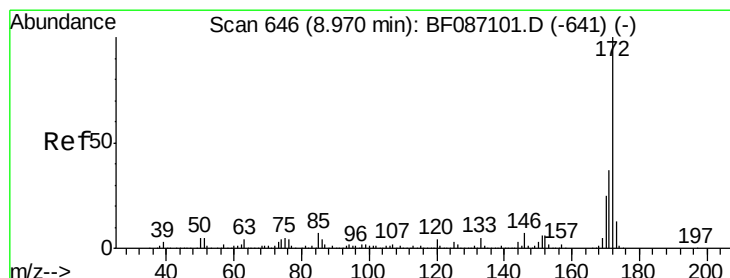
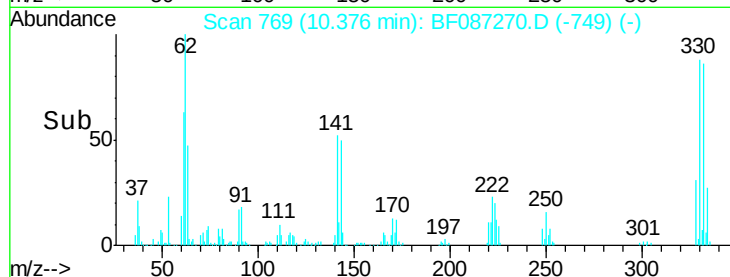
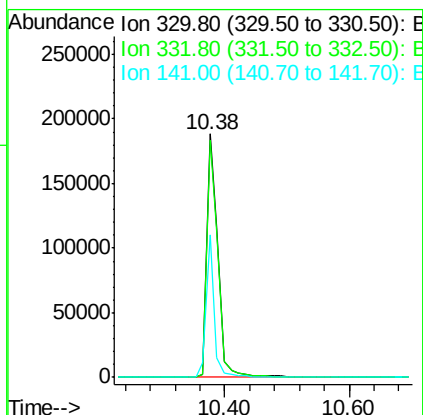
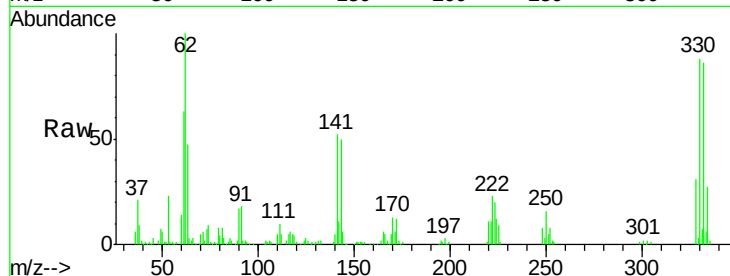




#41
 2,4,6-Tribromophenol
 Concen: 76.03 ng
 RT: 10.38 min Scan# 769
 Delta R.T. -0.07 min
 Lab File: BF087270.D
 Acq: 21 May 2016 13:58

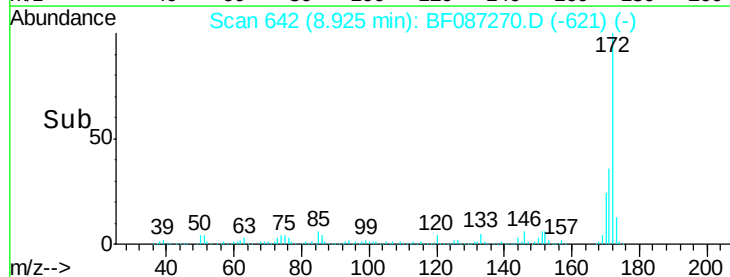
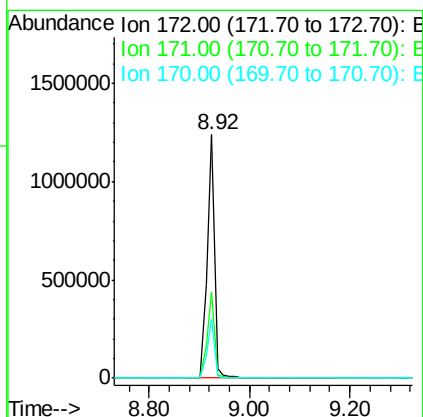
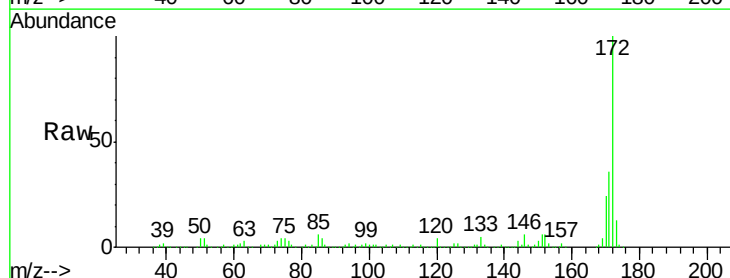
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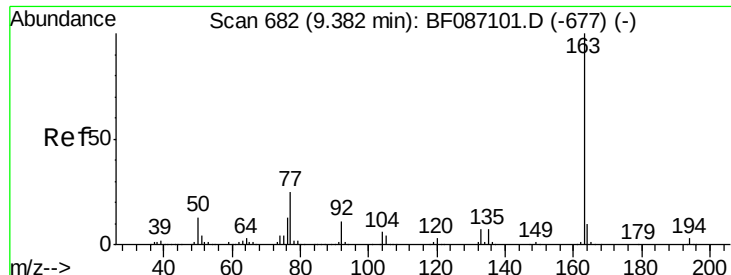
Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.6	79.0	118.4
141	43.8	31.2	46.8



#44
 2-Fluorobiphenyl
 Concen: 75.02 ng
 RT: 8.92 min Scan# 642
 Delta R.T. -0.06 min
 Lab File: BF087270.D
 Acq: 21 May 2016 13:58

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.6	29.0	43.6
170	24.2	19.8	29.8

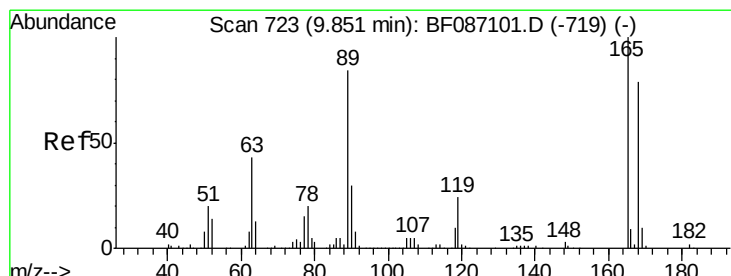
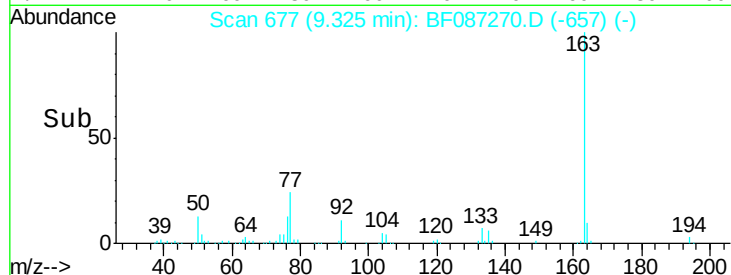
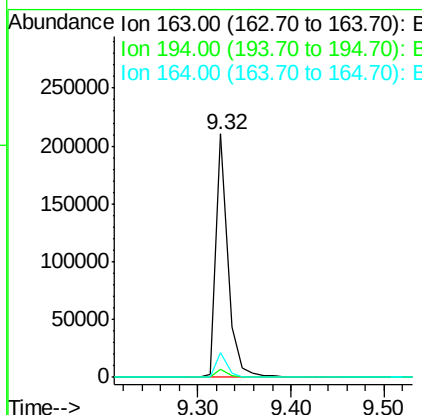
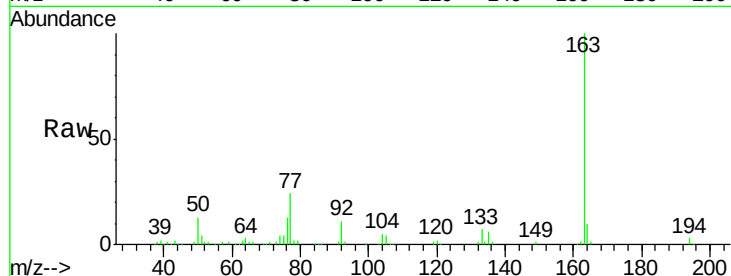




#49
Dimethylphthalate
Concen: 8.93 ng
RT: 9.32 min Scan# 677
Delta R.T. -0.07 min
Lab File: BF087270.D
Acq: 21 May 2016 13:58

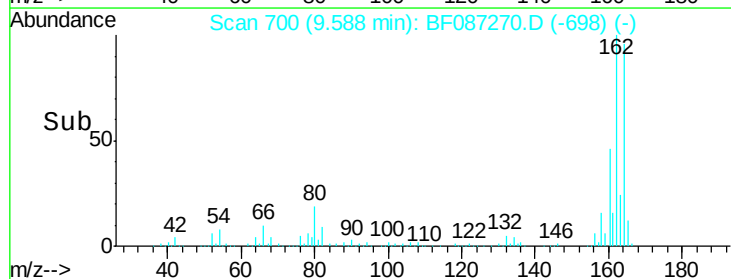
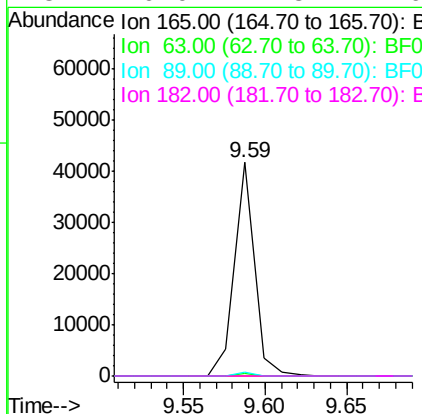
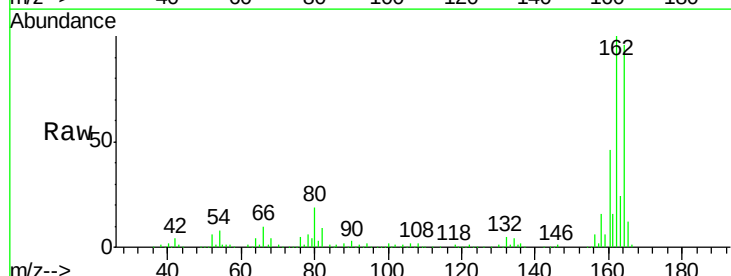
Instrument :
BNA_F
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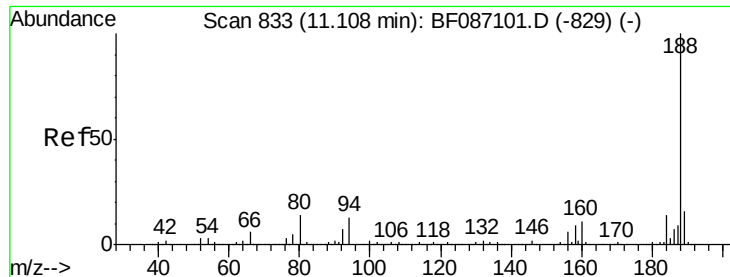
Tgt Ion:163 Resp: 188155
Ion Ratio Lower Upper
163 100
194 3.2 2.6 4.0
164 10.2 8.2 12.4



#56
2,4-Dinitrotoluene
Concen: 6.02 ng
RT: 9.59 min Scan# 700
Delta R.T. -0.27 min
Lab File: BF087270.D
Acq: 21 May 2016 13:58

Tgt Ion:165 Resp: 35269
Ion Ratio Lower Upper
165 100
63 1.5 44.3 66.5#
89 1.6 70.0 105.0#
182 0.0 1.8 2.6#

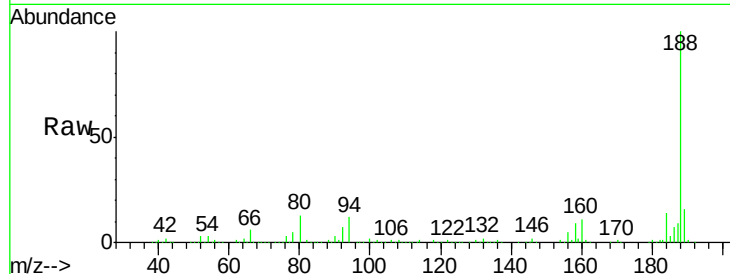




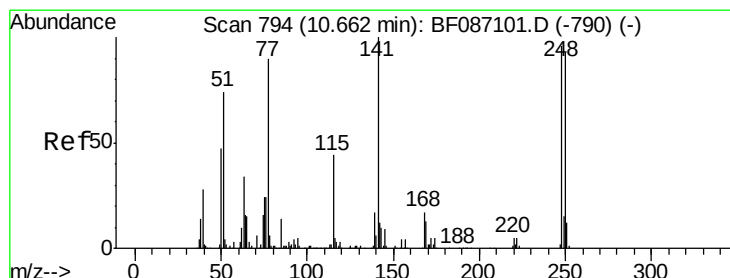
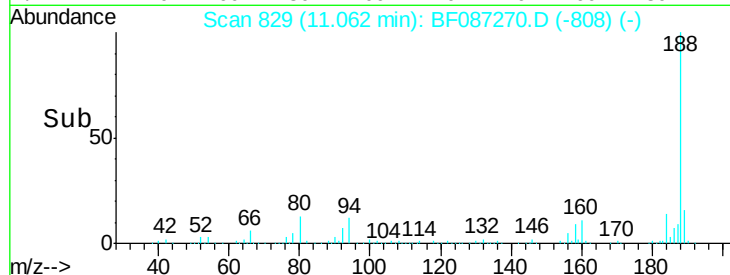
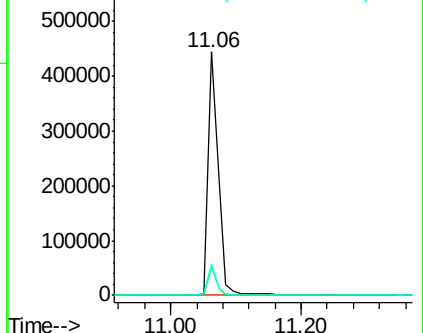
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.06 min Scan# 829
 Delta R.T. -0.06 min
 Lab File: BF087270.D
 Acq: 21 May 2016 13:58

Instrument :
 BNA_F
 ClientSampleId :
 SB-25-COMP

Tgt Ion:188 Resp: 484490
 Ion Ratio Lower Upper
 188 100
 94 11.8 6.8 10.2#
 80 12.9 7.1 10.7#

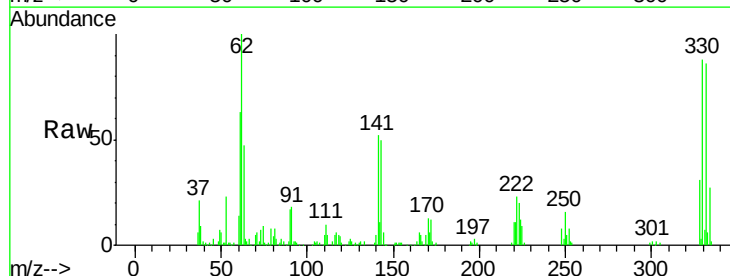


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

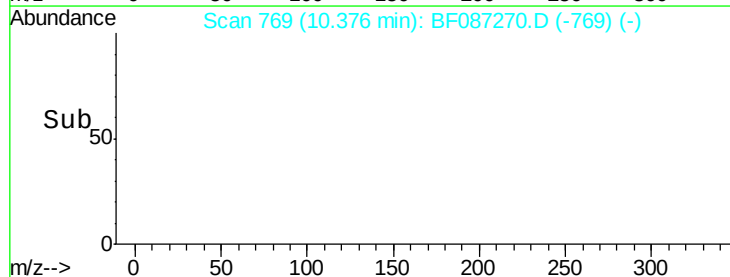
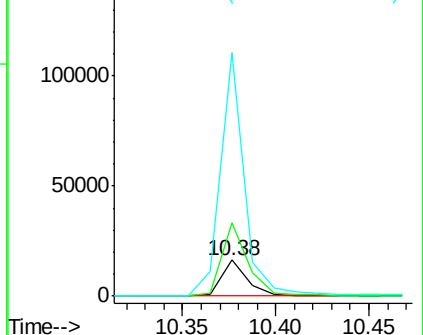


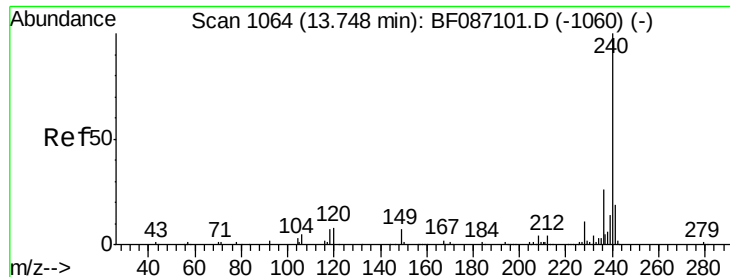
#66
 4-Bromophenyl-phenylether
 Concen: 3.19 ng
 RT: 10.38 min Scan# 769
 Delta R.T. -0.30 min
 Lab File: BF087270.D
 Acq: 21 May 2016 13:58

Tgt Ion:248 Resp: 15910
 Ion Ratio Lower Upper
 248 100
 250 202.5 78.6 117.8#
 141 675.0 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: BF087270.D

Acq: 21 May 2016 13:58

Instrument :

BNA_F

ClientSampleId :

SB-25-COMP

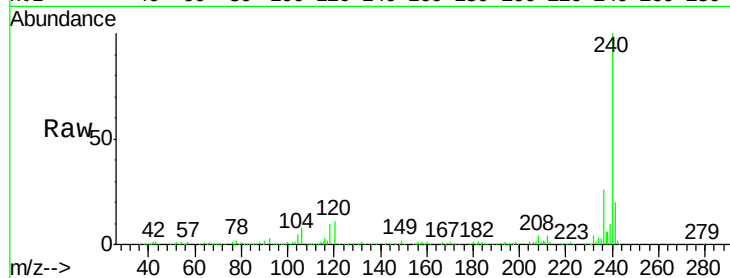
Tgt Ion:240 Resp: 328604

Ion Ratio Lower Upper

240 100

120 11.1 11.2 16.8#

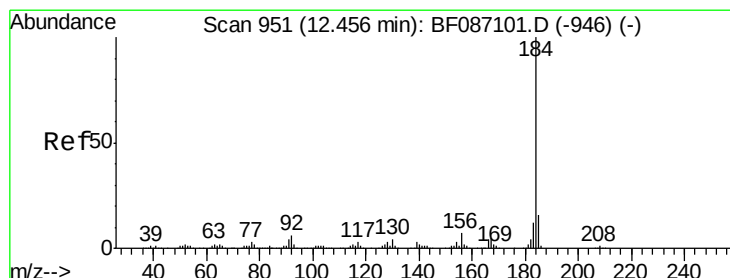
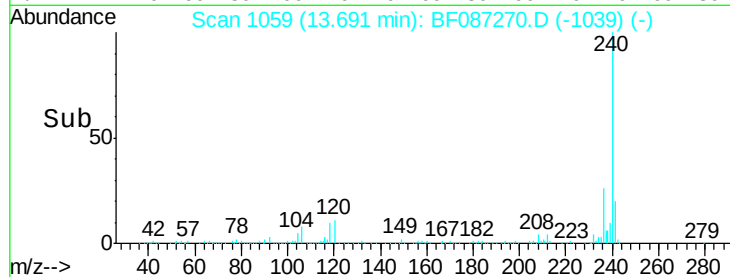
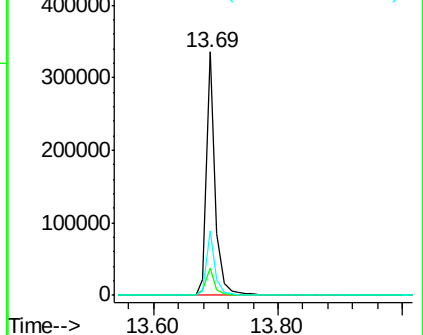
236 26.3 21.2 31.8



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: 2.29 ng

RT: 12.65 min Scan# 968

Delta R.T. 0.18 min

Lab File: BF087270.D

Acq: 21 May 2016 13:58

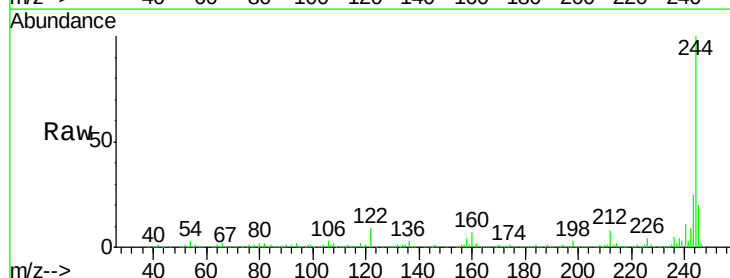
Tgt Ion:184 Resp: 16371

Ion Ratio Lower Upper

184 100

185 17.9 13.6 20.4

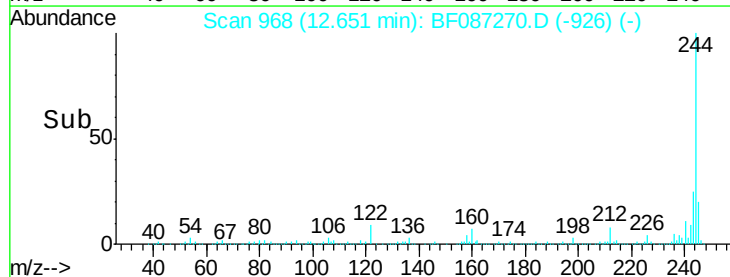
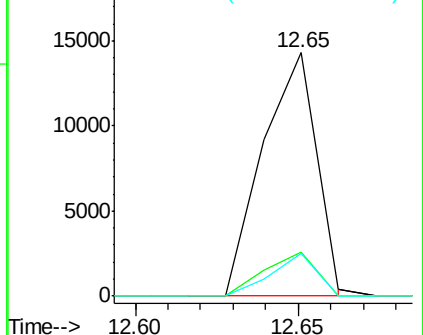
183 17.4 9.8 14.6#

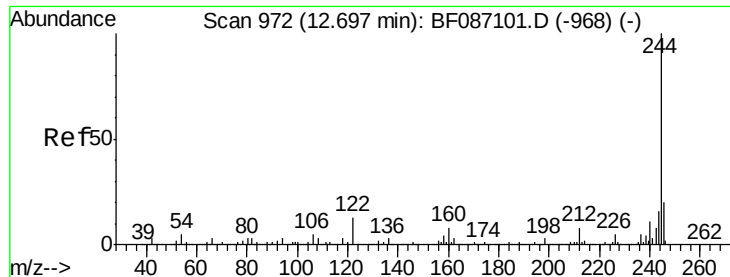


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

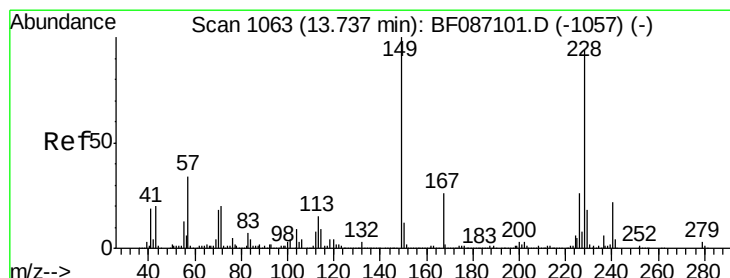
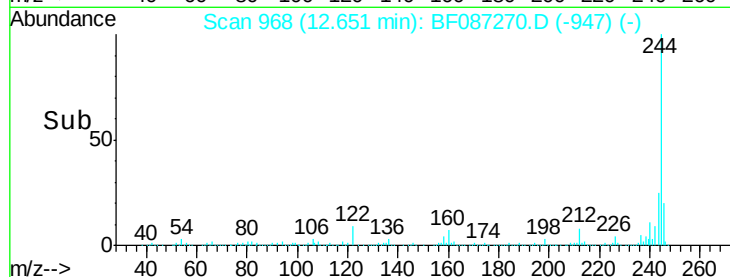
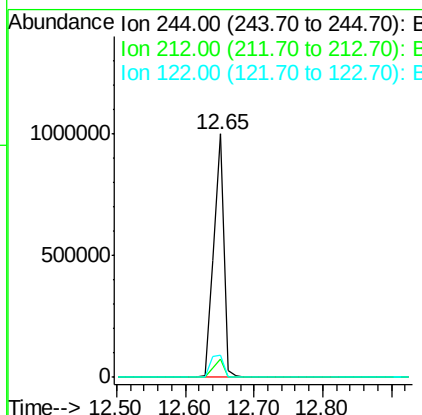
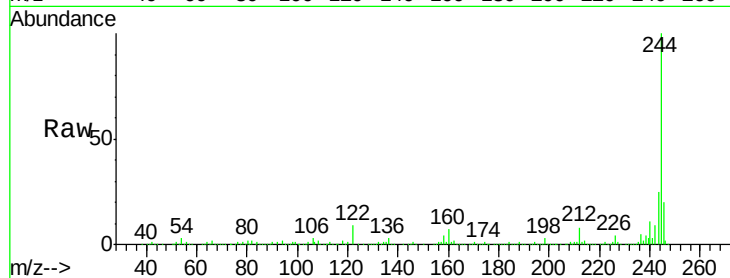




#78
 Terphenyl-d14
 Concen: 72.53 ng
 RT: 12.65 min Scan# 968
 Delta R.T. -0.06 min
 Lab File: BF087270.D
 Acq: 21 May 2016 13:58

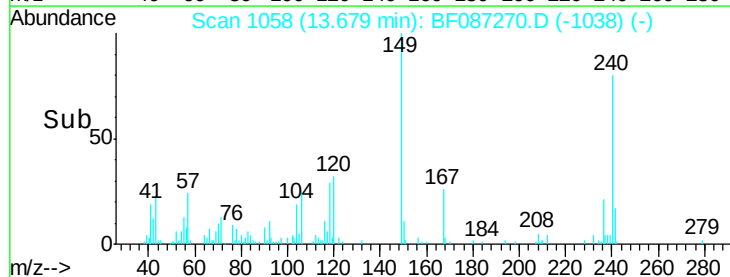
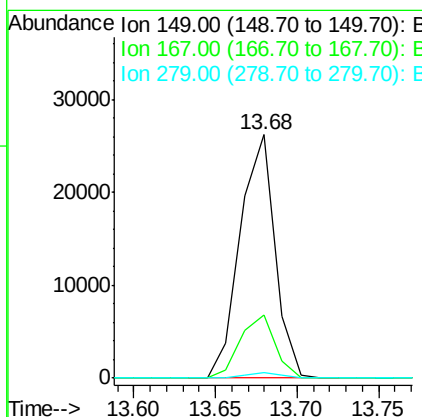
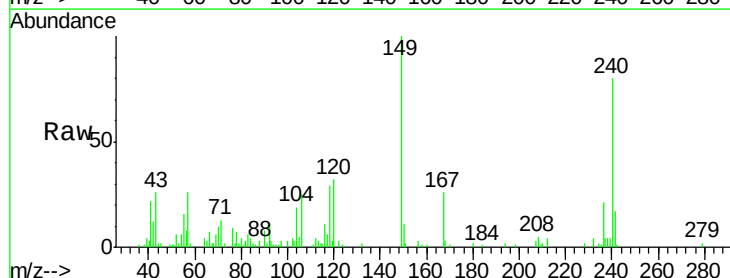
Instrument :
 BNA_F
 ClientSampleId :
 SB-25-COMP

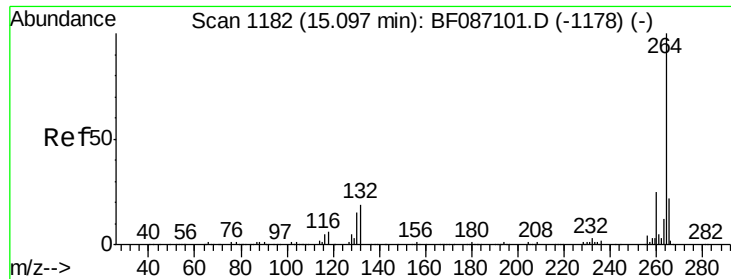
Tgt Ion:244 Resp: 1053565
 Ion Ratio Lower Upper
 244 100
 212 7.5 6.2 9.2
 122 9.0 12.0 18.0#



#83
 Bis(2-ethylhexyl)phthalate
 Concen: 3.18 ng
 RT: 13.68 min Scan# 1058
 Delta R.T. -0.07 min
 Lab File: BF087270.D
 Acq: 21 May 2016 13:58

Tgt Ion:149 Resp: 38820
 Ion Ratio Lower Upper
 149 100
 167 26.0 21.8 32.6
 279 2.3 2.6 4.0#

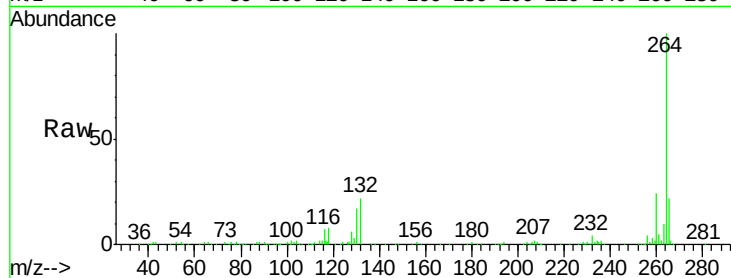




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.04 min Scan# 1177
Delta R.T. -0.07 min
Lab File: BF087270.D
Acq: 21 May 2016 13:58

Instrument :
BNA_F
ClientSampleId :
SB-25-COMP

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.5	29.3
265	21.5	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

