

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052016\
 Data File : BF087266.D
 Acq On : 21 May 2016 12:02
 Operator : UM/SJ
 Sample : H3169-16
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-24-COMP

Quant Time: May 23 00:58:49 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

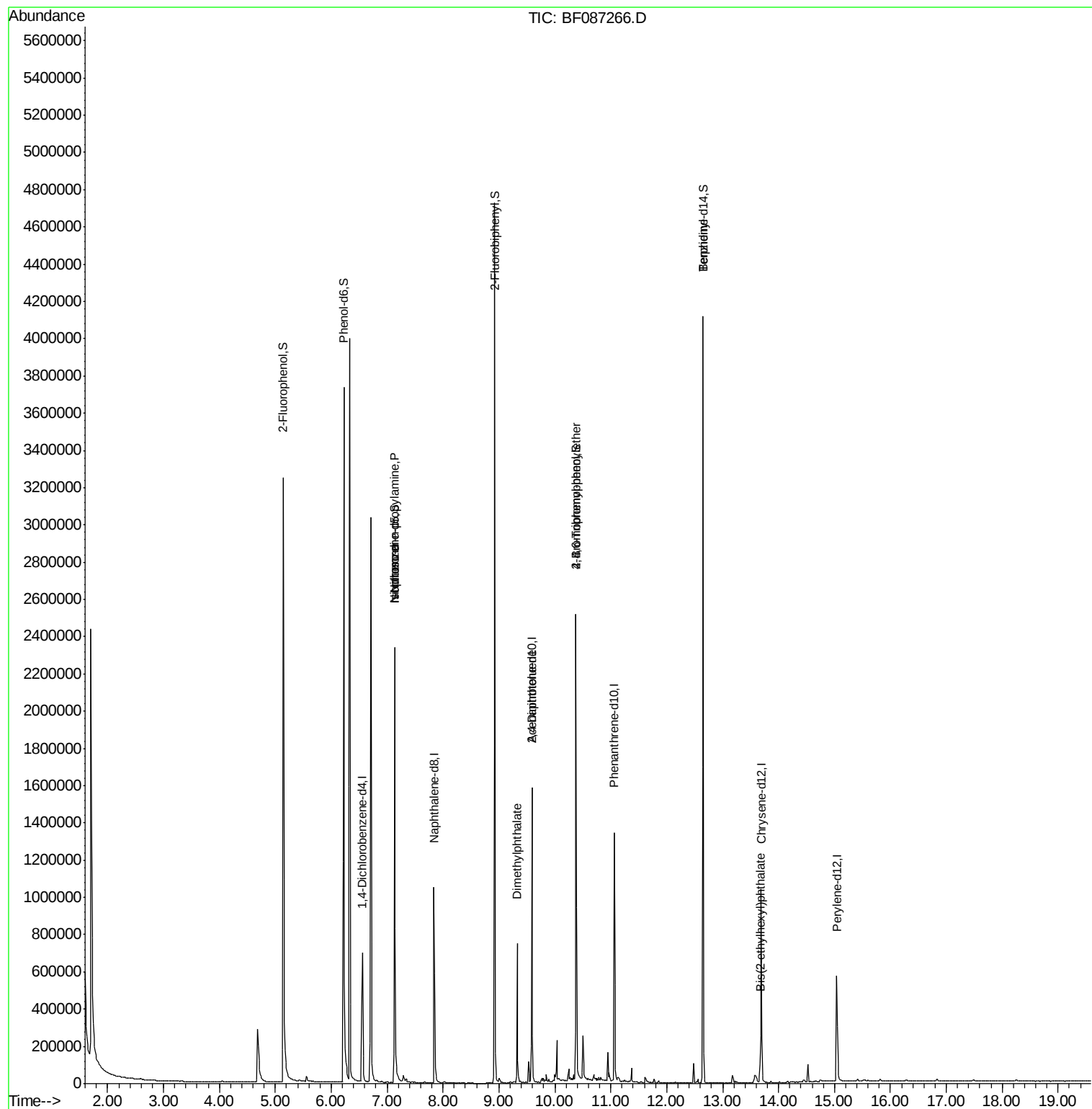
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.56	152	127369	20.00	ng	-0.05
21) Naphthalene-d8	7.84	136	568892	20.00	ng	-0.06
38) Acenaphthene-d10	9.59	164	285266	20.00	ng	-0.06
63) Phenanthrene-d10	11.06	188	526875	20.00	ng	-0.06
75) Chrysene-d12	13.69	240	358662	20.00	ng	-0.07
86) Perylene-d12	15.04	264	260089	20.00	ng	-0.07
System Monitoring Compounds						
5) 2-Fluorophenol	5.14	112	901609	118.98	ng	-0.06
7) Phenol-d6	6.23	99	1220709	120.11	ng	-0.06
23) Nitrobenzene-d5	7.13	82	797212	69.84	ng	-0.06
41) 2,4,6-Tribromophenol	10.38	330	295158	93.63	ng	-0.07
44) 2-Fluorobiphenyl	8.92	172	1454357	84.44	ng	-0.06
78) Terphenyl-d14	12.65	244	1286674	81.15	ng	-0.06
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.13	70	112134	14.51	ng	# 73
25) Isophorone	7.13	82	760615	36.40	ng	# 68
49) Dimethylphthalate	9.32	163	259812	11.94	ng	100
56) 2,4-Dinitrotoluene	9.59	165	36273	5.99	ng	# 16
66) 4-Bromophenyl-phenylether	10.38	248	19359	3.57	ng	# 1
76) Benzidine	12.65	184	20260	2.46	ng	# 94
83) Bis(2-ethylhexyl)phthalate	13.68	149	63037	4.74	ng	# 99

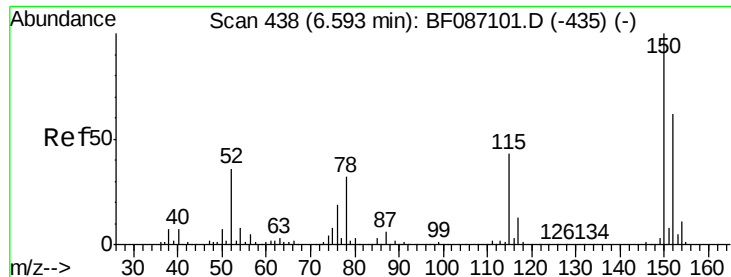
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF087266.D

Acq: 21 May 2016 12:02

Instrument :

BNA_F

ClientSampleId :

SB-24-COMP

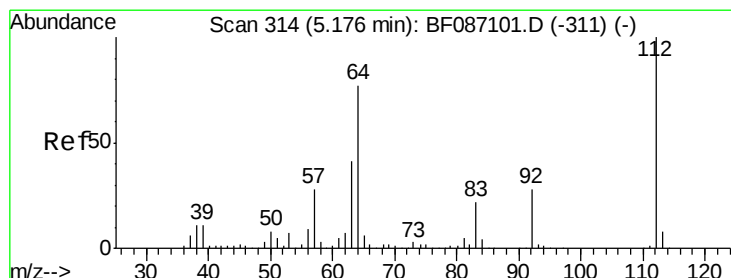
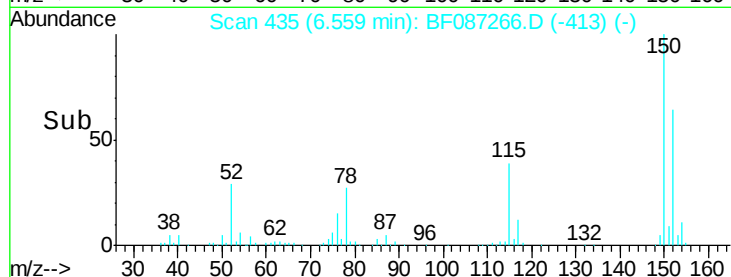
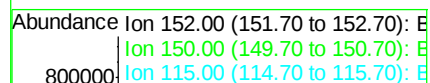
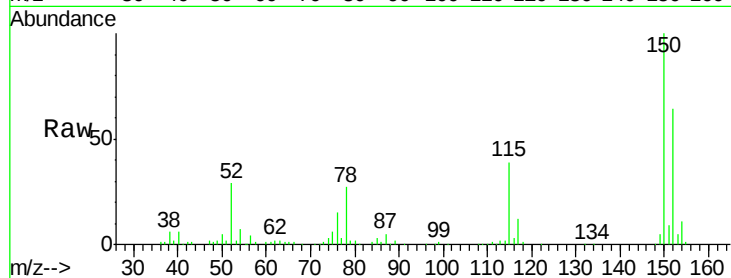
Tgt Ion:152 Resp: 127369

Ion Ratio Lower Upper

152 100

150 156.3 125.8 188.6

115 61.1 51.5 77.3



#5

2-Fluorophenol

Concen: 118.98 ng

RT: 5.14 min Scan# 311

Delta R.T. -0.06 min

Lab File: BF087266.D

Acq: 21 May 2016 12:02

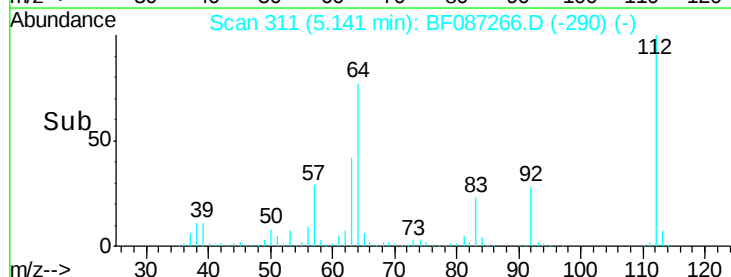
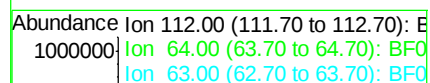
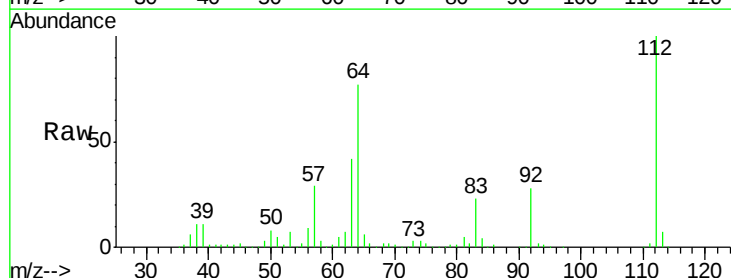
Tgt Ion:112 Resp: 901609

Ion Ratio Lower Upper

112 100

64 77.1 52.1 78.1

63 42.2 25.7 38.5#





#7

Phenol-d6

Concen: 120.11 ng

RT: 6.23 min Scan# 406

Delta R.T. -0.06 min

Lab File: BF087266.D

Acq: 21 May 2016 12:02

Instrument :

BNA_F

ClientSampleId :

SB-24-COMP

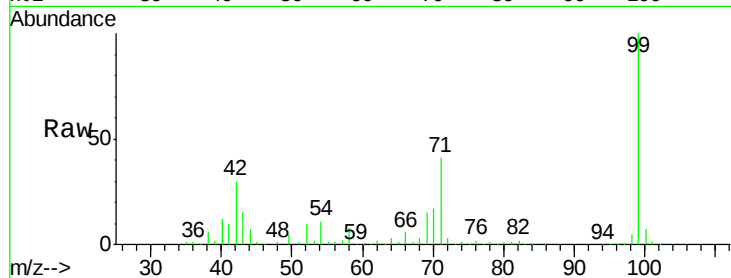
Tgt Ion: 99 Resp: 1220709

Ion Ratio Lower Upper

99 100

42 30.4 13.6 20.4#

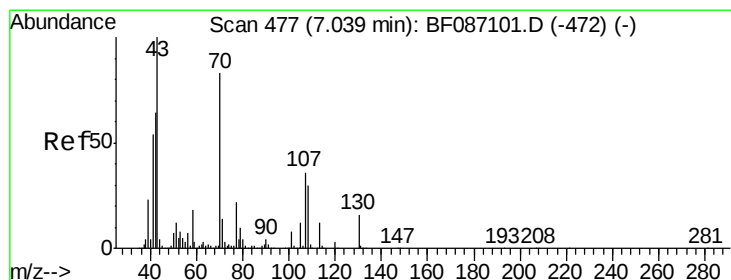
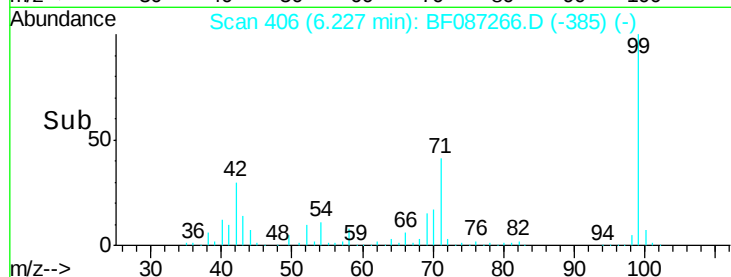
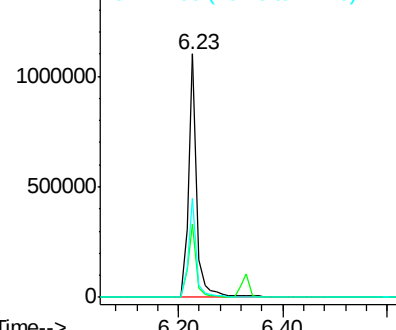
71 40.8 24.6 36.8#



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: 14.51 ng

RT: 7.13 min Scan# 485

Delta R.T. 0.08 min

Lab File: BF087266.D

Acq: 21 May 2016 12:02

Tgt Ion: 70 Resp: 112134

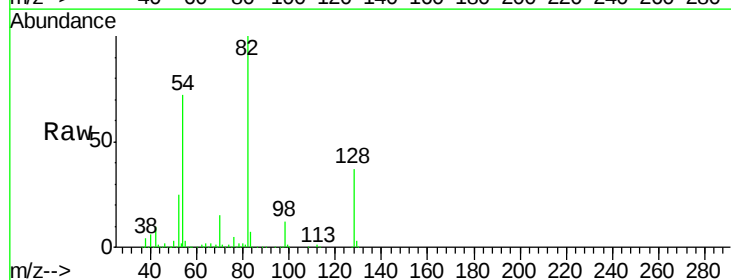
Ion Ratio Lower Upper

70 100

42 67.8 43.1 64.7#

101 0.0 8.1 12.1#

130 1.8 18.6 28.0#

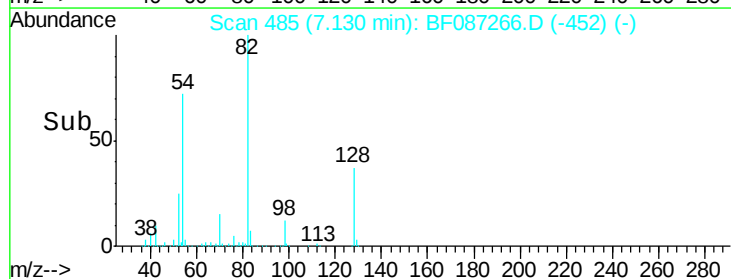
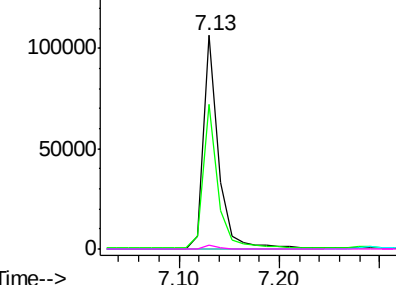


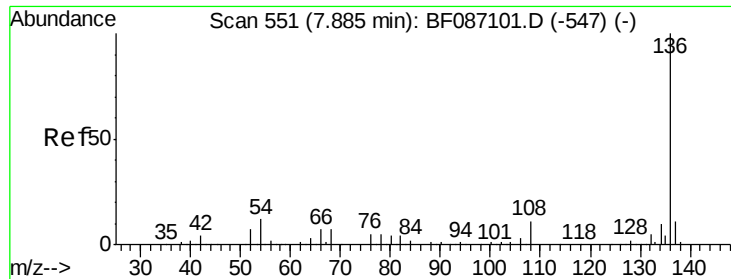
Abundance Ion 70.00 (69.70 to 70.70): BF0

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

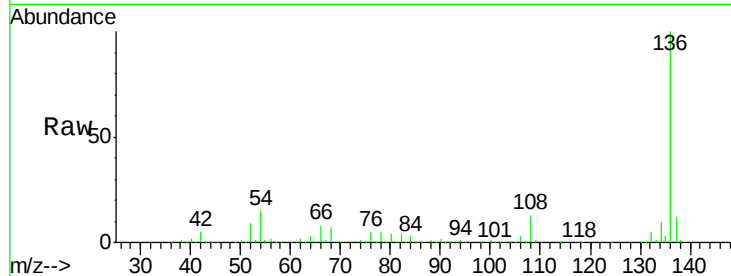




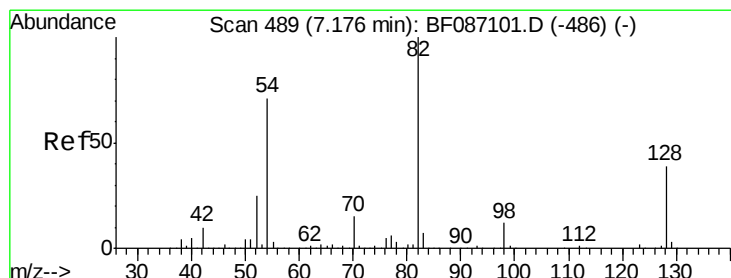
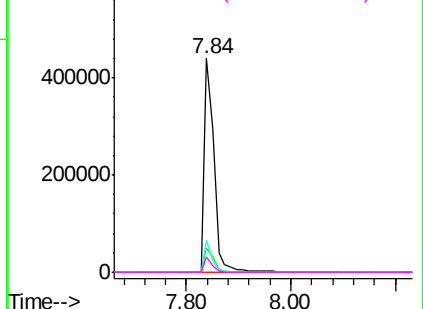
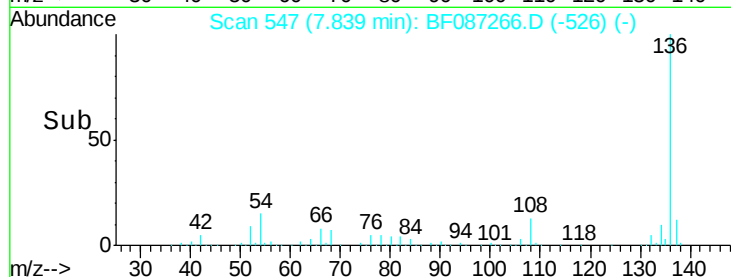
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.84 min Scan# 547
Delta R.T. -0.06 min
Lab File: BF087266.D
Acq: 21 May 2016 12:02

Instrument :
BNA_F
ClientSampleId :
SB-24-COMP

Tgt Ion:	136	Resp:	568892
Ion	Ratio	Lower	Upper
136	100		
137	11.6	8.8	13.2
54	15.1	5.0	7.4#
68	7.3	4.4	6.6#

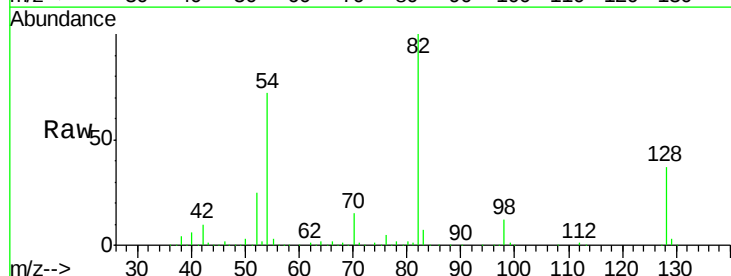


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

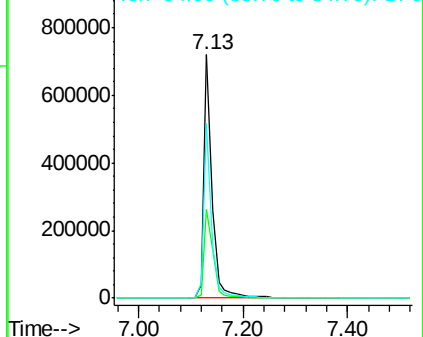
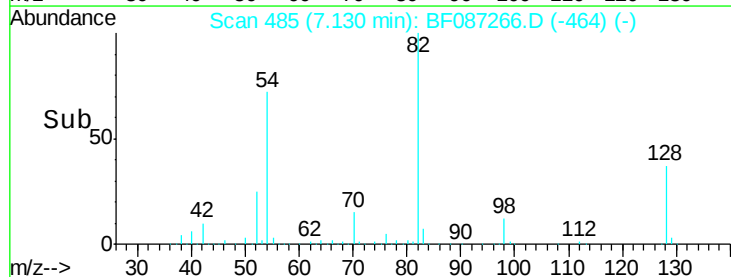


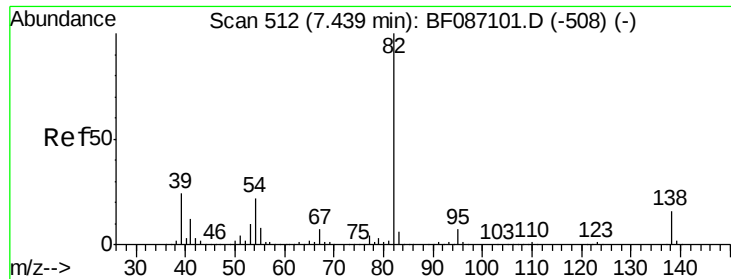
#23
Nitrobenzene-d5
Concen: 69.84 ng
RT: 7.13 min Scan# 485
Delta R.T. -0.06 min
Lab File: BF087266.D
Acq: 21 May 2016 12:02

Tgt Ion:	82	Resp:	797212
Ion	Ratio	Lower	Upper
82	100		
128	36.6	40.6	61.0#
54	71.7	38.1	57.1#



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





#25

Isophorone

Concen: 36.40 ng

RT: 7.13 min Scan# 485

Delta R.T. -0.32 min

Lab File: BF087266.D

Acq: 21 May 2016 12:02

Instrument :

BNA_F

ClientSampleId :

SB-24-COMP

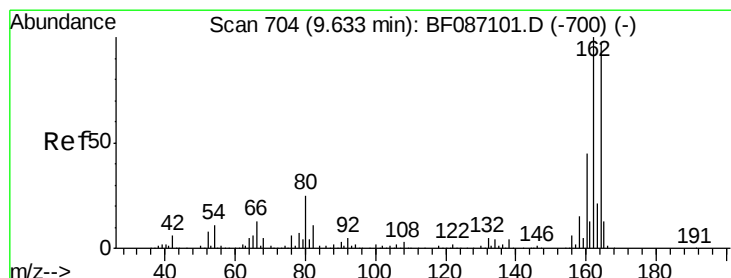
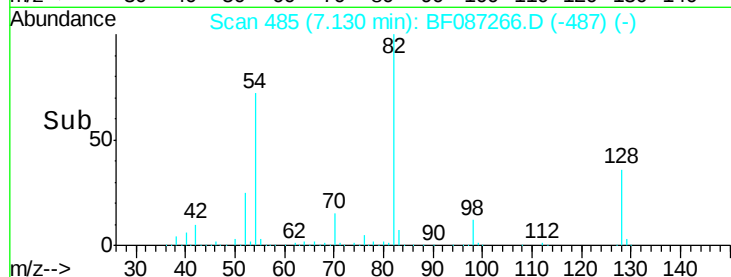
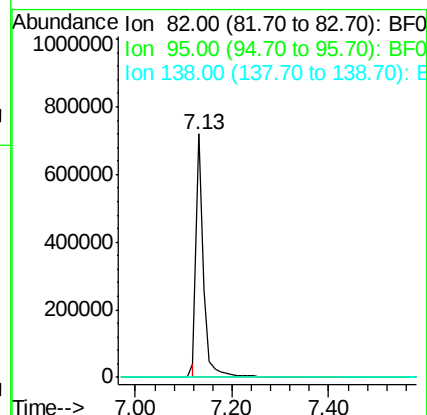
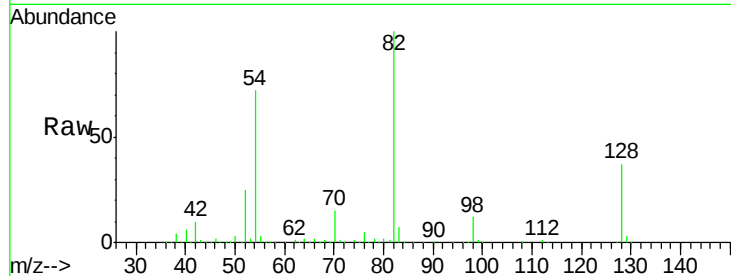
Tgt Ion: 82 Resp: 760615

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: BF087266.D

Acq: 21 May 2016 12:02

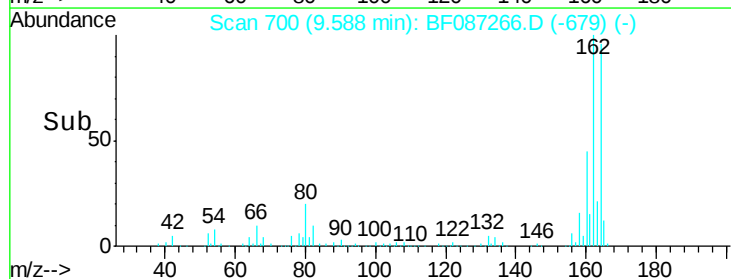
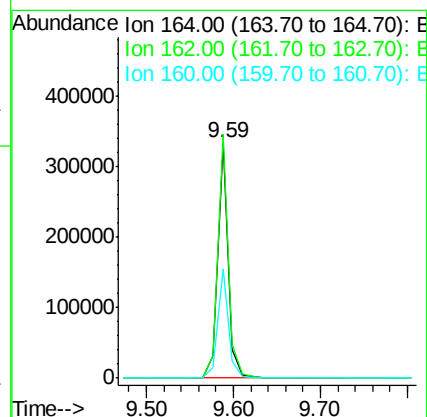
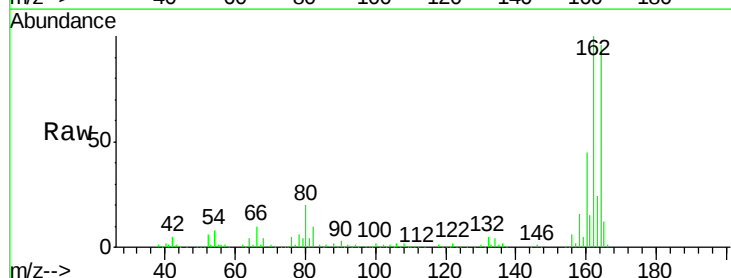
Tgt Ion: 164 Resp: 285266

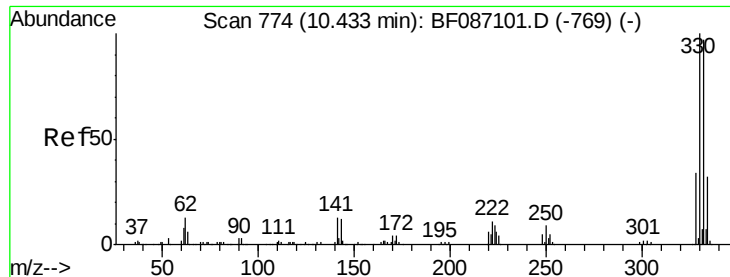
Ion Ratio Lower Upper

164 100

162 103.6 82.8 124.2

160 46.4 36.9 55.3

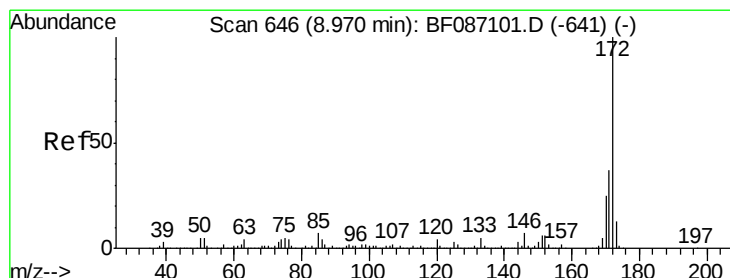
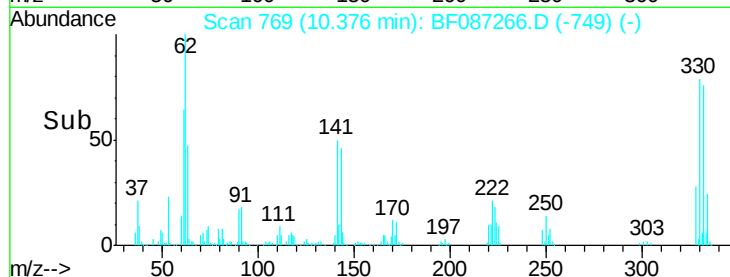
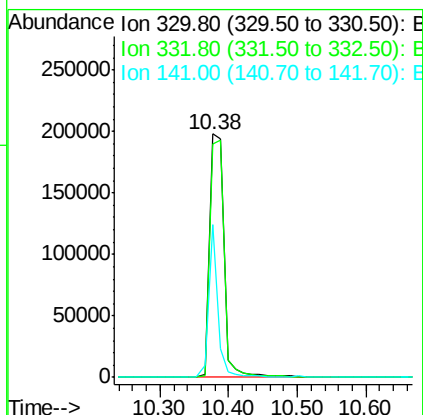
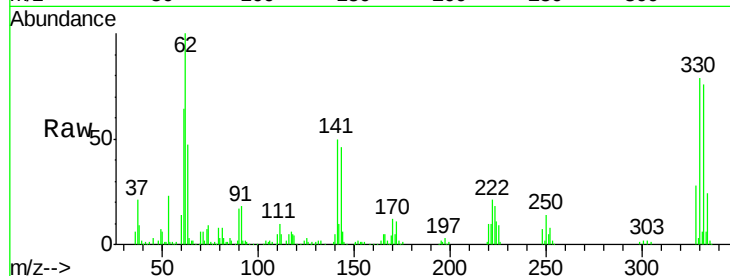




#41
 2,4,6-Tribromophenol
 Concen: 93.63 ng
 RT: 10.38 min Scan# 769
 Delta R.T. -0.07 min
 Lab File: BF087266.D
 Acq: 21 May 2016 12:02

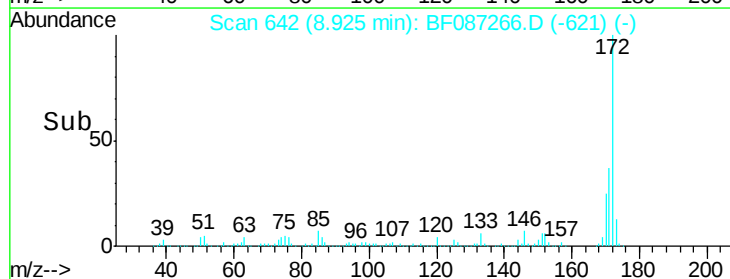
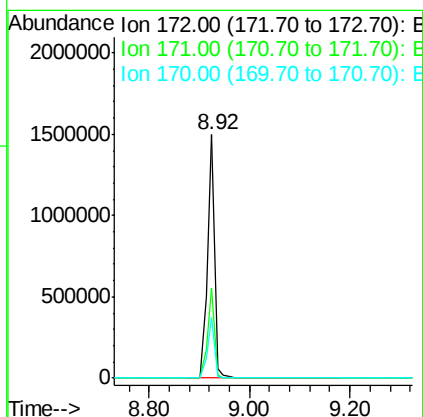
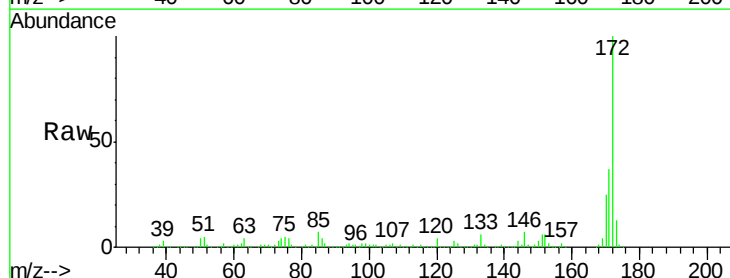
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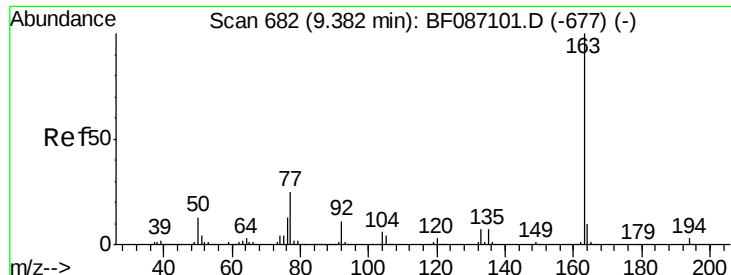
Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.7	79.0	118.4
141	39.3	31.2	46.8



#44
 2-Fluorobiphenyl
 Concen: 84.44 ng
 RT: 8.92 min Scan# 642
 Delta R.T. -0.06 min
 Lab File: BF087266.D
 Acq: 21 May 2016 12:02

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.9	29.0	43.6
170	24.9	19.8	29.8

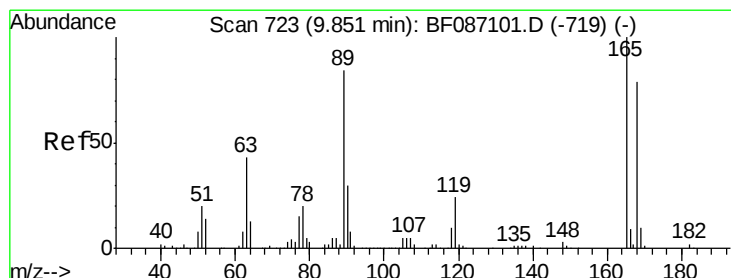
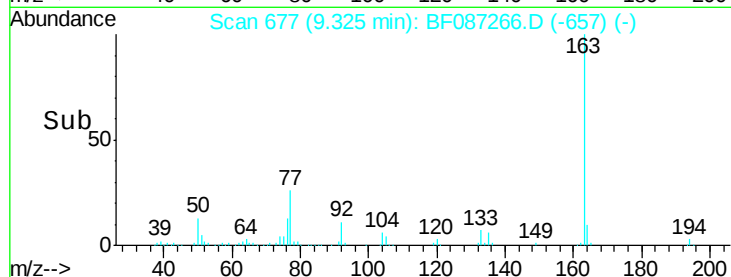
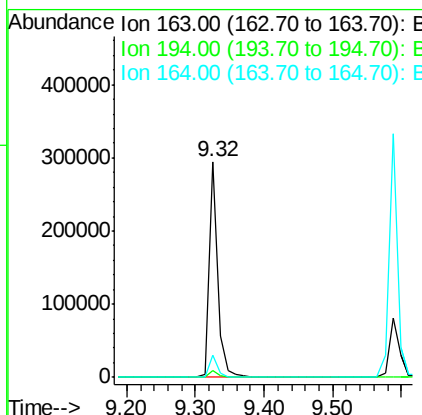
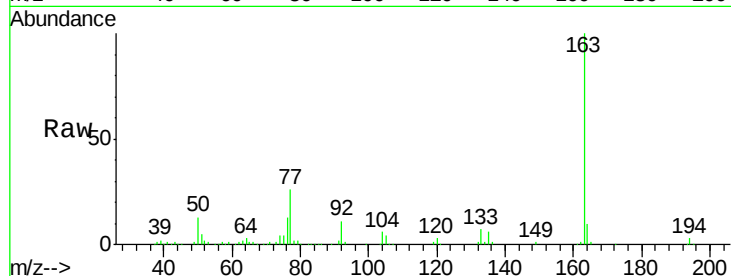




#49
Dimethylphthalate
Concen: 11.94 ng
RT: 9.32 min Scan# 677
Delta R.T. -0.07 min
Lab File: BF087266.D
Acq: 21 May 2016 12:02

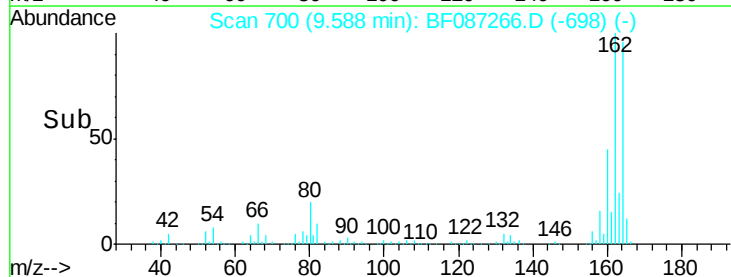
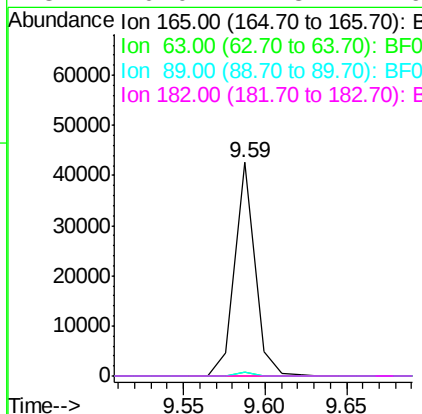
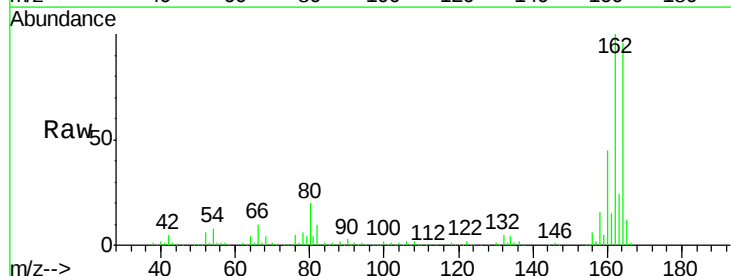
Instrument :
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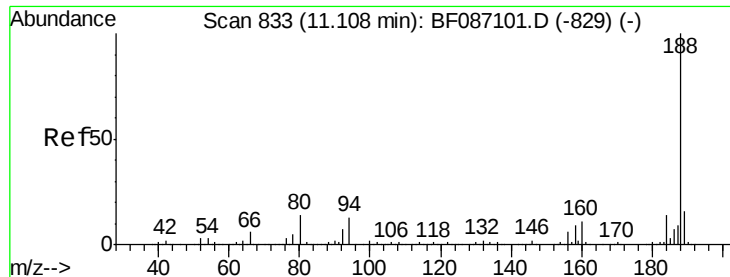
Tgt Ion:163 Resp: 259812
Ion Ratio Lower Upper
163 100
194 3.1 2.6 4.0
164 10.2 8.2 12.4



#56
2,4-Dinitrotoluene
Concen: 5.99 ng
RT: 9.59 min Scan# 700
Delta R.T. -0.27 min
Lab File: BF087266.D
Acq: 21 May 2016 12:02

Tgt Ion:165 Resp: 36273
Ion Ratio Lower Upper
165 100
63 1.7 44.3 66.5#
89 1.7 70.0 105.0#
182 0.0 1.8 2.6#

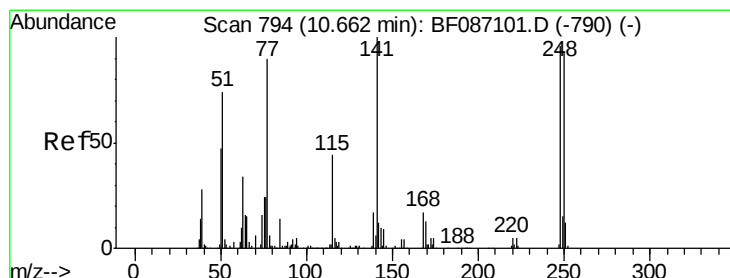
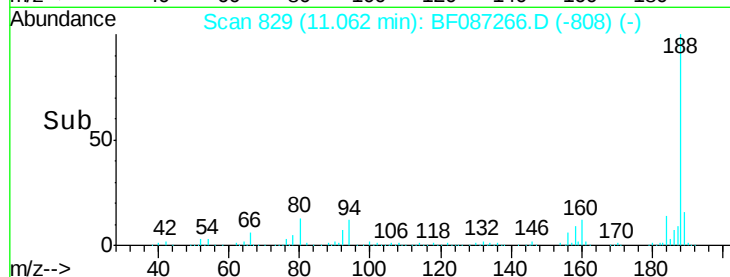
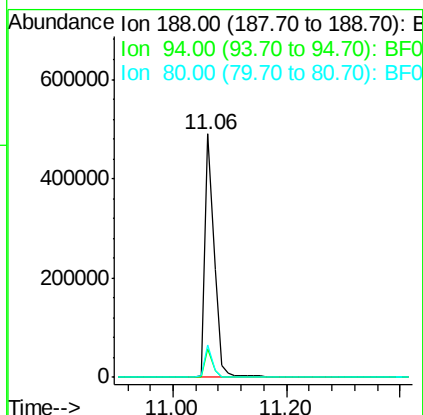
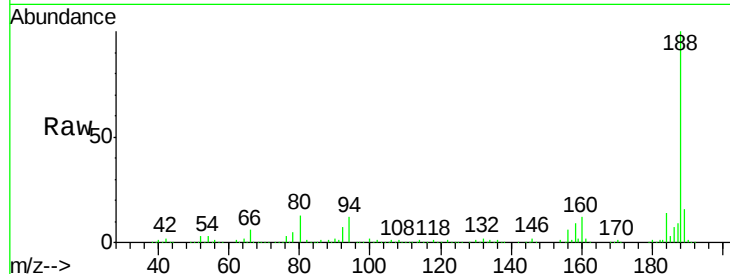




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.06 min Scan# 829
Delta R.T. -0.06 min
Lab File: BF087266.D
Acq: 21 May 2016 12:02

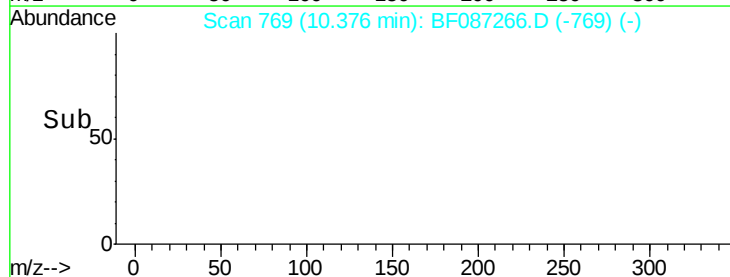
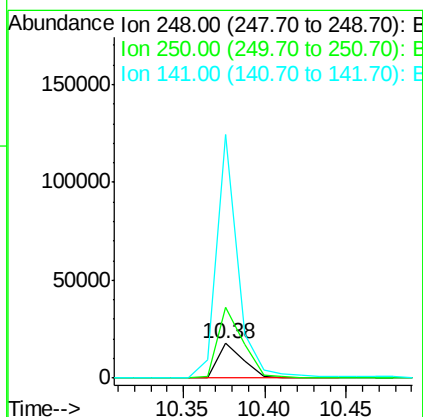
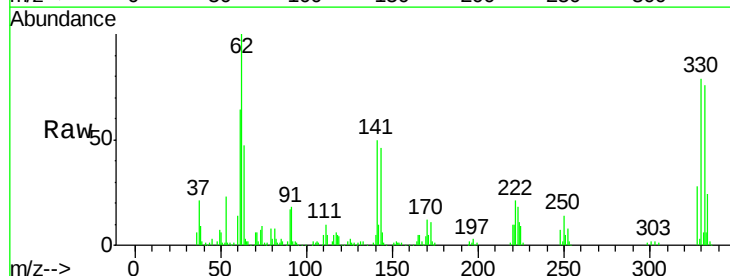
Instrument :
BNA_F
ClientSampleId :
SB-24-COMP

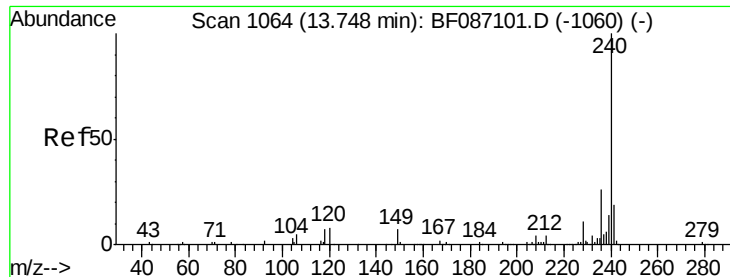
Tgt Ion:188 Resp: 526875
Ion Ratio Lower Upper
188 100
94 11.8 6.8 10.2#
80 13.3 7.1 10.7#



#66
4-Bromophenyl-phenylether
Concen: 3.57 ng
RT: 10.38 min Scan# 769
Delta R.T. -0.30 min
Lab File: BF087266.D
Acq: 21 May 2016 12:02

Tgt Ion:248 Resp: 19359
Ion Ratio Lower Upper
248 100
250 204.3 78.6 117.8#
141 703.5 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: BF087266.D

Acq: 21 May 2016 12:02

Instrument :

BNA_F

ClientSampleId :

SB-24-COMP

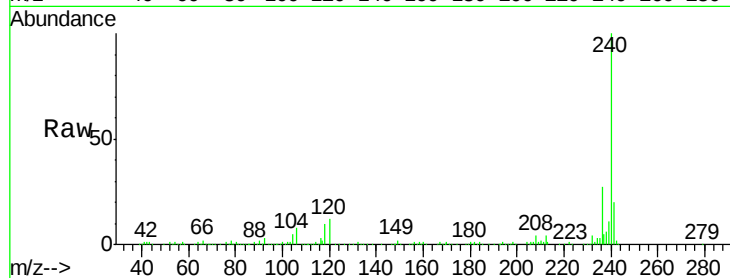
Tgt Ion:240 Resp: 358662

Ion Ratio Lower Upper

240 100

120 11.5 11.2 16.8

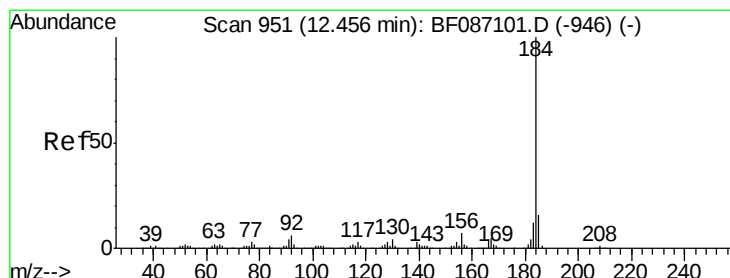
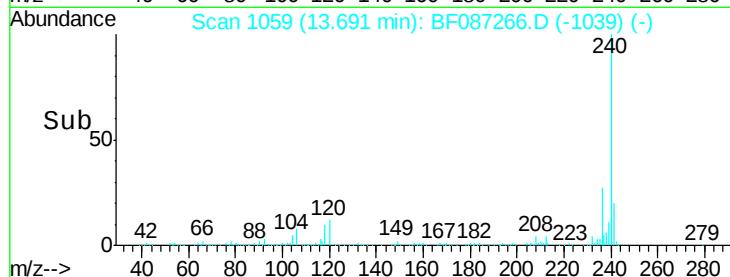
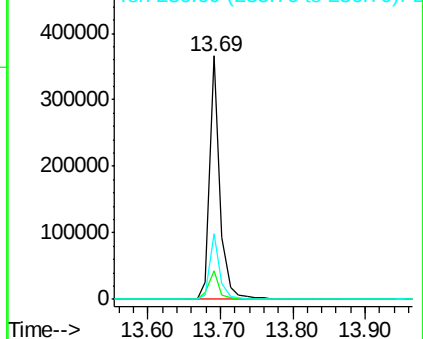
236 26.7 21.2 31.8



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: 2.46 ng

RT: 12.65 min Scan# 968

Delta R.T. 0.18 min

Lab File: BF087266.D

Acq: 21 May 2016 12:02

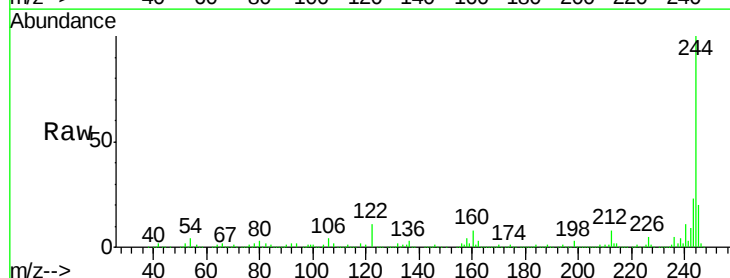
Tgt Ion:184 Resp: 20260

Ion Ratio Lower Upper

184 100

185 18.0 13.6 20.4

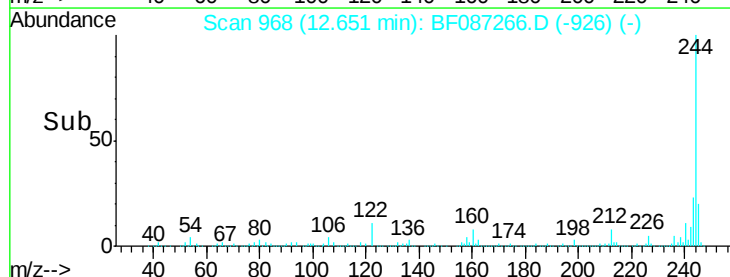
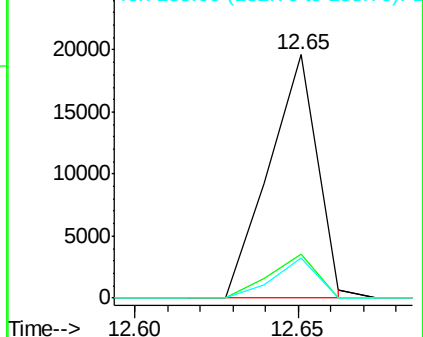
183 16.2 9.8 14.6#

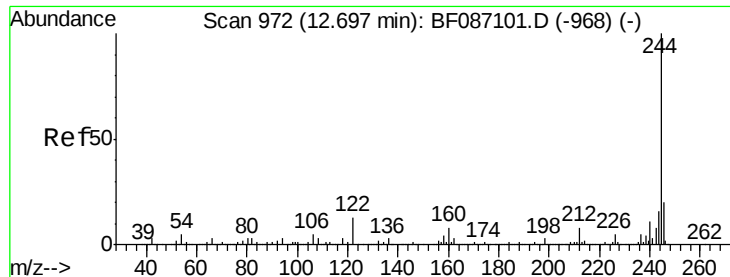


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#78

Terphenyl-d14

Concen: 81.15 ng

RT: 12.65 min Scan# 968

Delta R.T. -0.06 min

Lab File: BF087266.D

Acq: 21 May 2016 12:02

Instrument :

BNA_F

ClientSampleId :

SB-24-COMP

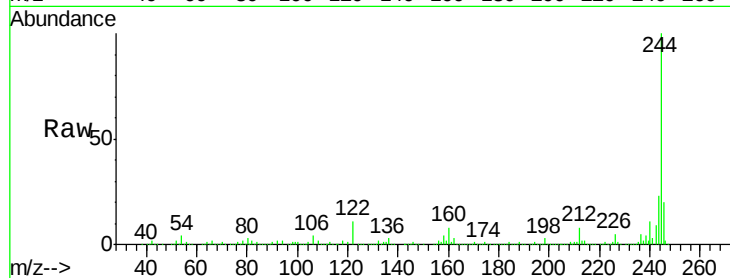
Tgt Ion:244 Resp: 1286674

Ion Ratio Lower Upper

244 100

212 7.6 6.2 9.2

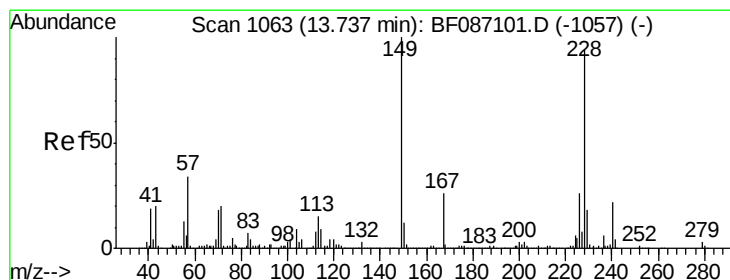
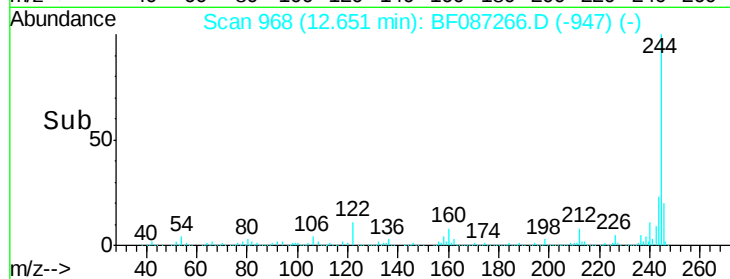
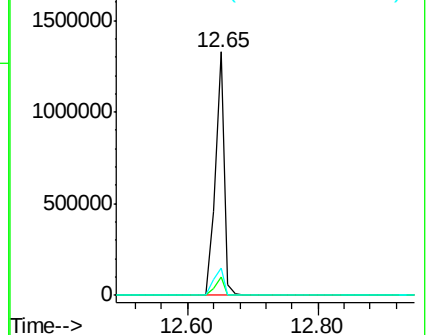
122 11.1 12.0 18.0#



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



#83

Bis(2-ethylhexyl)phthalate

Concen: 4.74 ng

RT: 13.68 min Scan# 1058

Delta R.T. -0.07 min

Lab File: BF087266.D

Acq: 21 May 2016 12:02

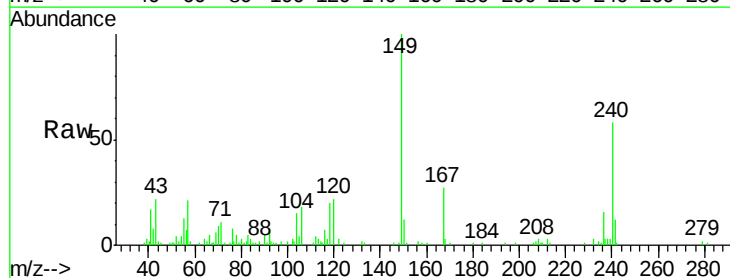
Tgt Ion:149 Resp: 63037

Ion Ratio Lower Upper

149 100

167 27.4 21.8 32.6

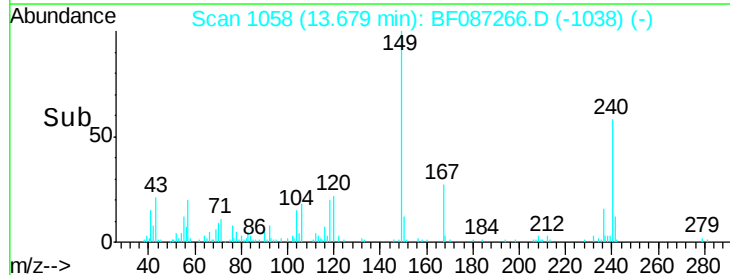
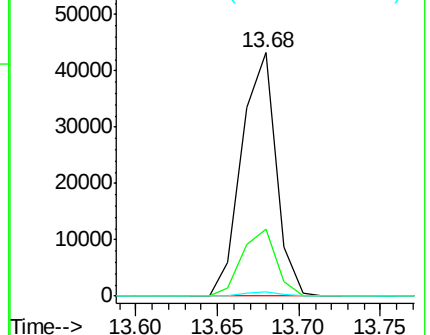
279 1.9 2.6 4.0#

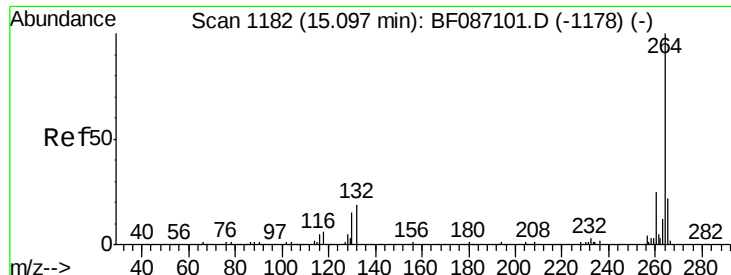


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.04 min Scan# 1177
Delta R.T. -0.07 min
Lab File: BF087266.D
Acq: 21 May 2016 12:02

Instrument :
BNA_F
ClientSampleId :
SB-24-COMP

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.5	29.3
265	21.1	17.3	25.9

