

Data Path : Z:\HPCHEM1\BNA F\DATA\BF082117\
 Data File : BF097936.D
 Acq On : 22 Aug 2017 6:10
 Operator : SJ/JU
 Sample : I4872-02
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-07-COMP

Quant Time: Aug 22 07:48:10 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 21 15:59:04 2017
 Response via : Initial Calibration

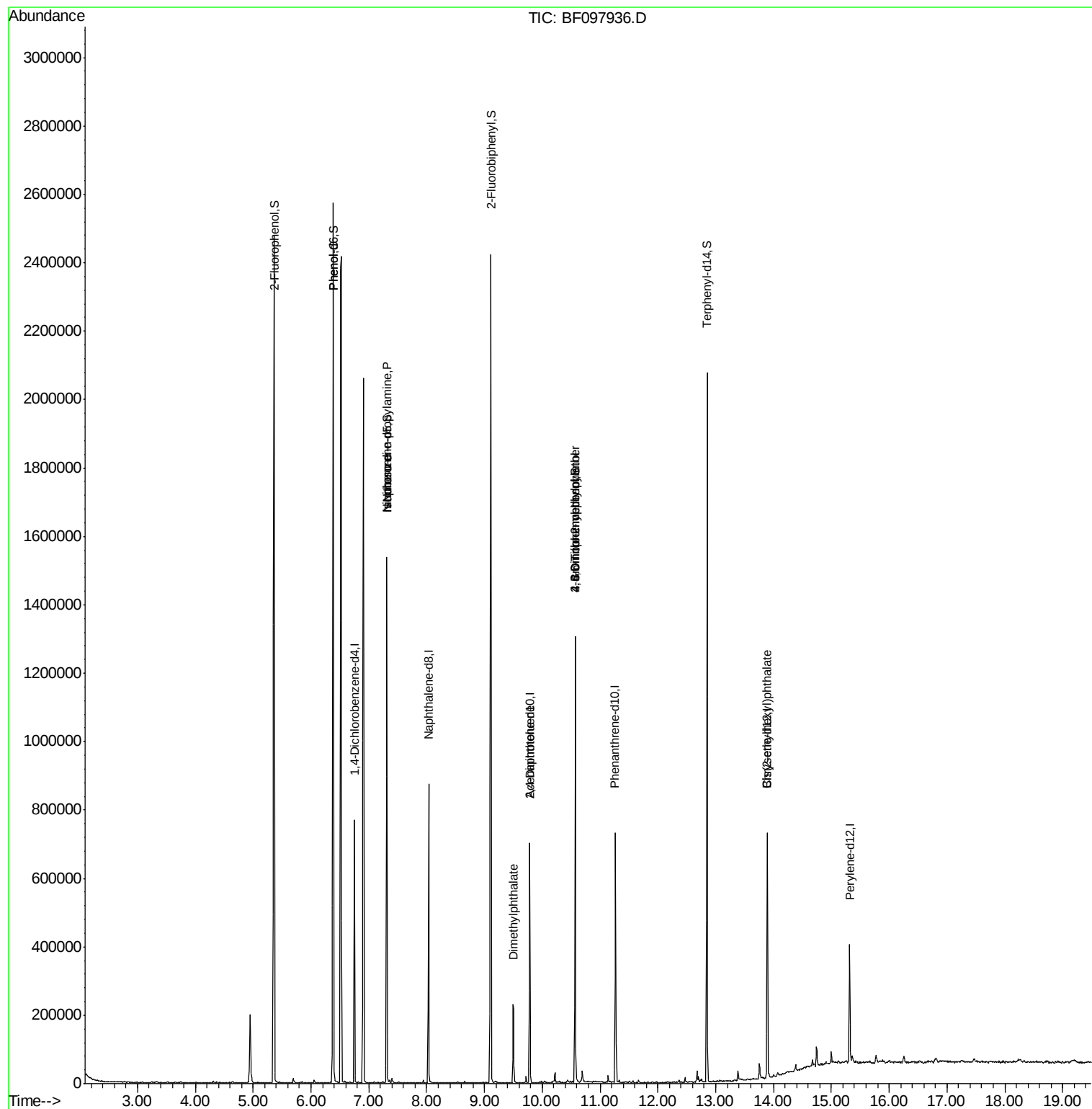
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	101094	20.00	ng	0.00
21) Naphthalene-d8	8.03	136	359856	20.00	ng	0.00
38) Acenaphthene-d10	9.78	164	134833	20.00	ng	0.00
63) Phenanthrene-d10	11.26	188	245968	20.00	ng	0.00
75) Chrysene-d12	13.90	240	210563	20.00	ng	0.00
86) Perylene-d12	15.32	264	145963	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	741489	111.57	ng	0.01
7) Phenol-d6	6.39	99	950559	105.26	ng	0.00
23) Nitrobenzene-d5	7.31	82	552565	83.42	ng	-0.01
41) 2,4,6-Tribromophenol	10.57	330	125097	106.93	ng	0.00
44) 2-Fluorobiphenyl	9.11	172	741132	80.76	ng	0.00
78) Terphenyl-d14	12.85	244	593733	58.80	ng	0.00
Target Compounds						
10) Phenol	6.39	94	26821	2.54	ng	80
19) n-Nitroso-di-n-propylamine	7.31	70	74910	12.12	ng	# 70
25) Isophorone	7.31	82	542489	39.38	ng	# 67
49) Dimethylphthalate	9.50	163	86256	8.75	ng	98
56) 2,4-Dinitrotoluene	9.78	165	16681	6.76	ng	# 34
64) 4,6-Dinitro-2-methylphenol	10.57	198	192	8.46	ng	# 15
66) 4-Bromophenyl-phenylether	10.57	248	8505	3.33	ng	# 1
83) Bis(2-ethylhexyl)phthalate	13.89	149	54723	7.48	ng	96

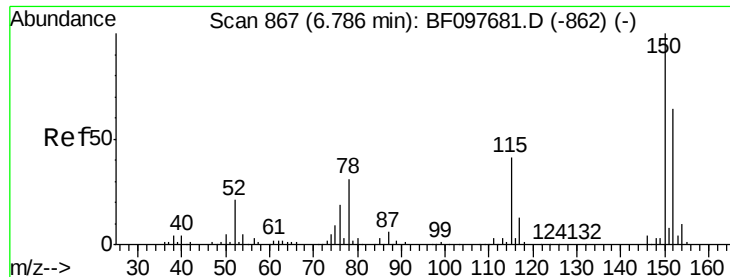
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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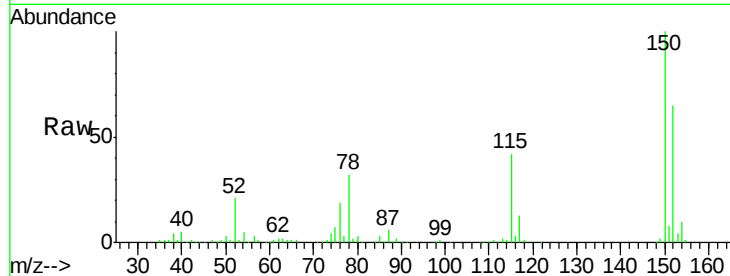


#1

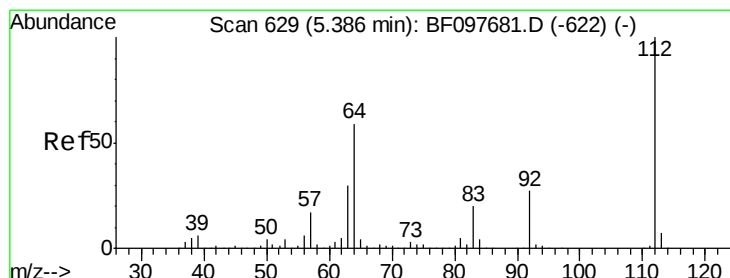
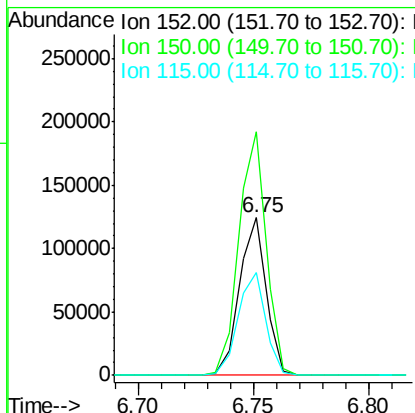
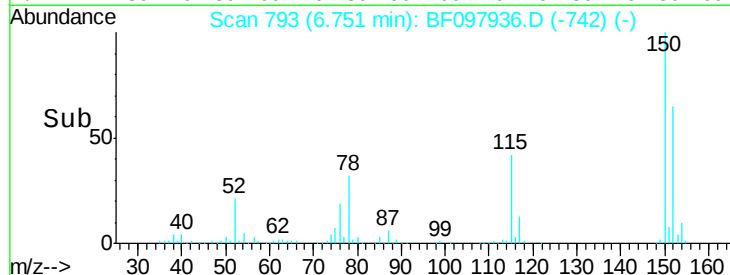
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.75 min Scan# 793
 Delta R.T. 0.00 min
 Lab File: BF097936.D
 Acq: 22 Aug 2017 6:10

Instrument :
 BNA_F
 ClientSampleId :
 SB-07-COMP

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.6	126.2	189.2
115	64.9	52.2	78.2



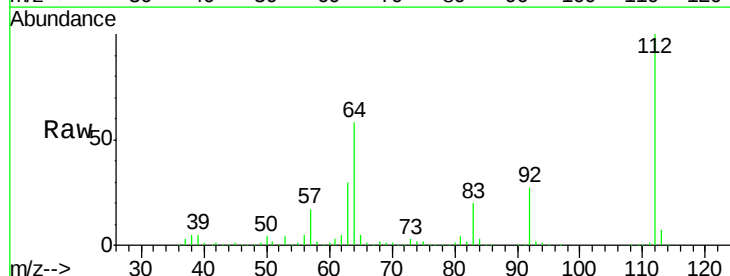
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



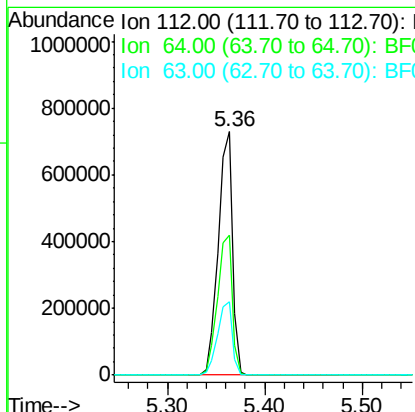
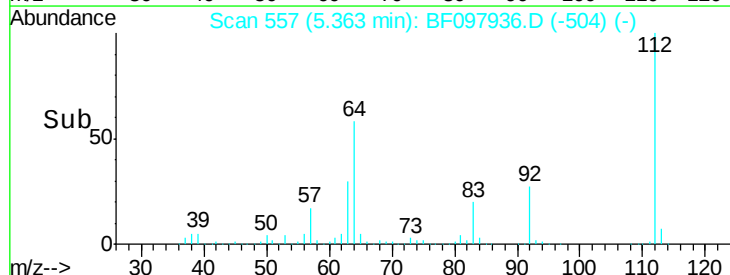
#5

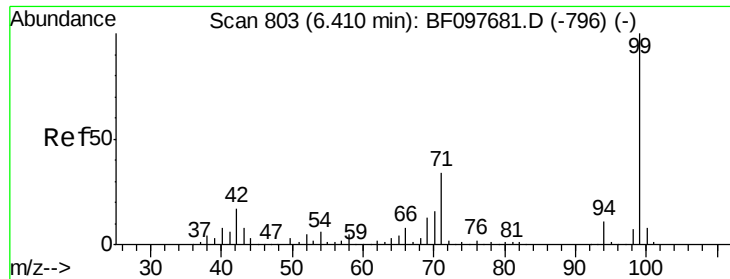
2-Fluorophenol
 Concen: 111.57 ng
 RT: 5.36 min Scan# 557
 Delta R.T. 0.01 min
 Lab File: BF097936.D
 Acq: 22 Aug 2017 6:10

Tgt Ion	Ratio	Lower	Upper
112	100		
64	57.6	46.0	69.0
63	30.0	23.4	35.0



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: 105.26 ng

RT: 6.39 min Scan# 731

Delta R.T. 0.00 min

Lab File: BF097936.D

Acq: 22 Aug 2017 6:10

Instrument :

BNA_F

ClientSampleId :

SB-07-COMP

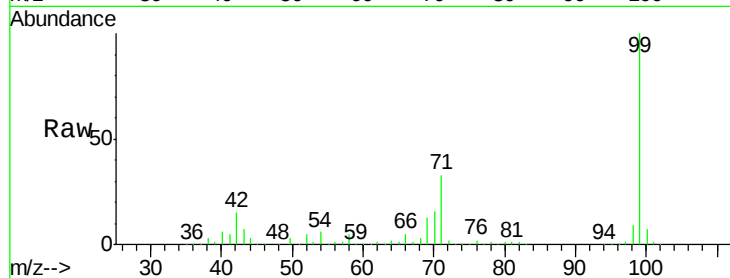
Tot Ion: 99 Resp: 950559

Ion Ratio Lower Upper

99 100

42 15.4 13.5 20.3

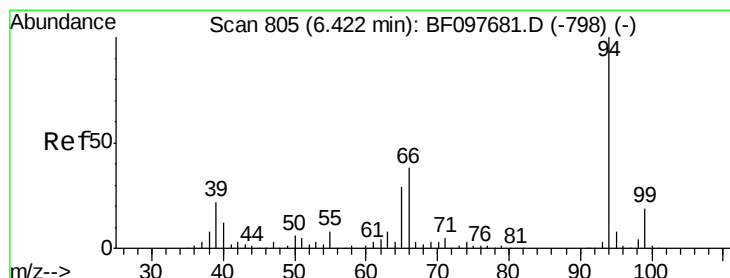
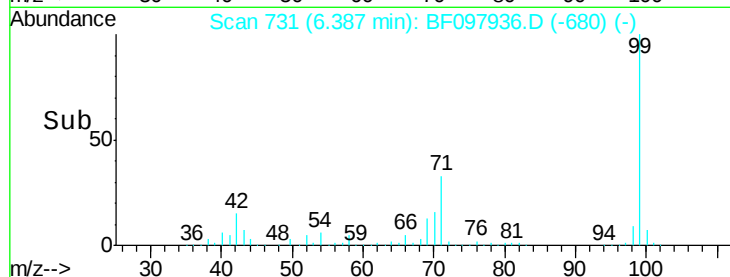
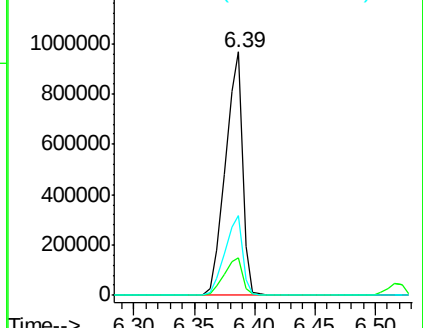
71 32.8 24.5 36.7



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



#10

Phenol

Concen: 2.54 ng

RT: 6.39 min Scan# 732

Delta R.T. -0.01 min

Lab File: BF097936.D

Acq: 22 Aug 2017 6:10

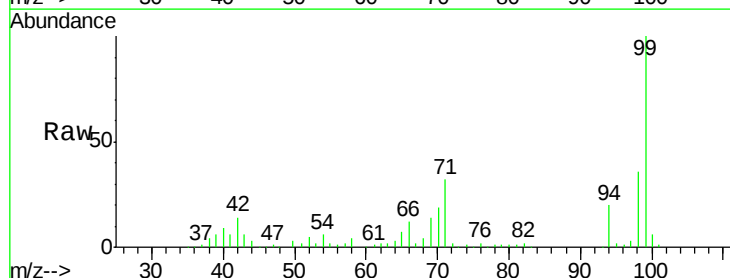
Tgt Ion: 94 Resp: 26821

Ion Ratio Lower Upper

94 100

65 36.4 9.9 49.9

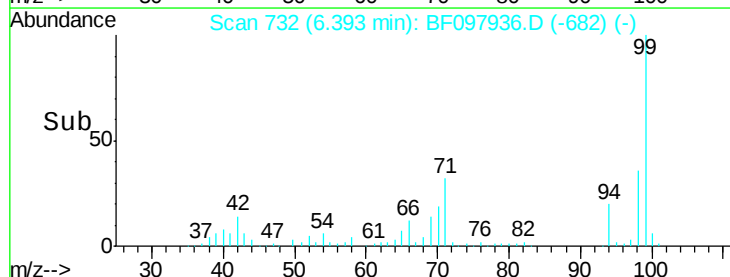
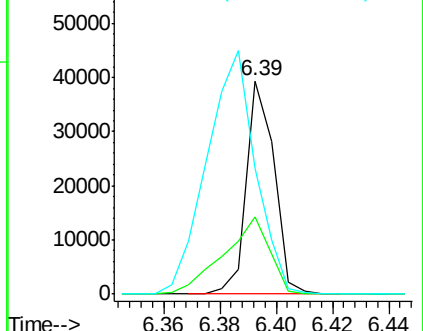
66 59.2 23.1 63.1

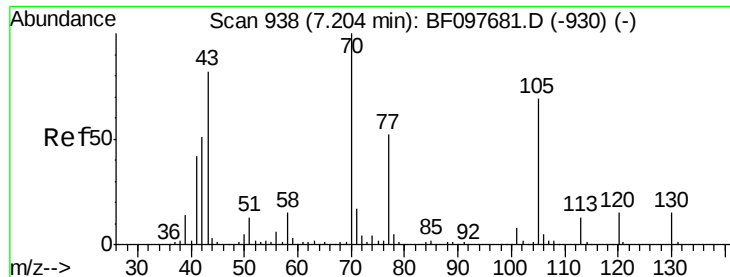


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

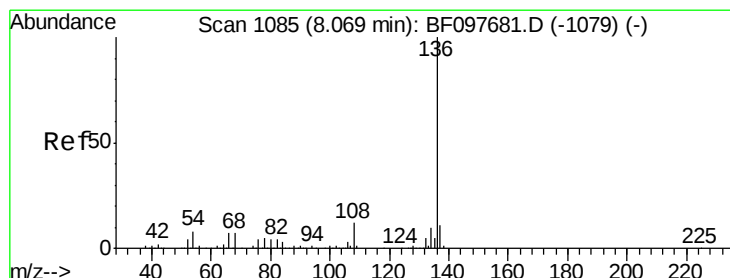
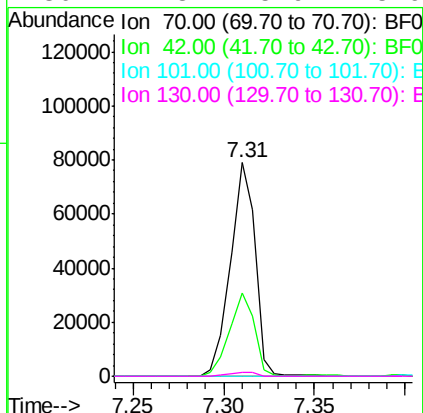
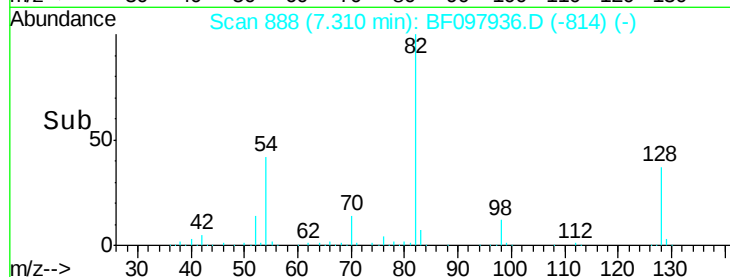
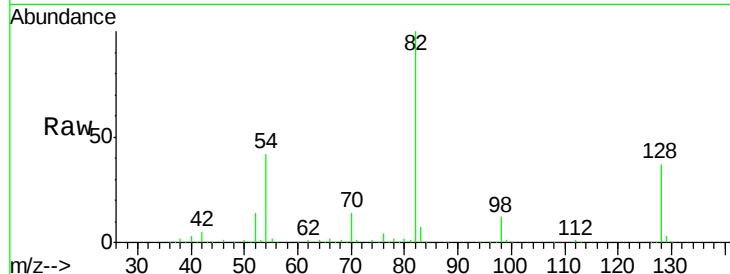




#19
n-Nitroso-di-n-propylamine
Concen: 12.12 ng
RT: 7.31 min Scan# 888
Delta R.T. 0.14 min
Lab File: BF097936.D
Acq: 22 Aug 2017 6:10

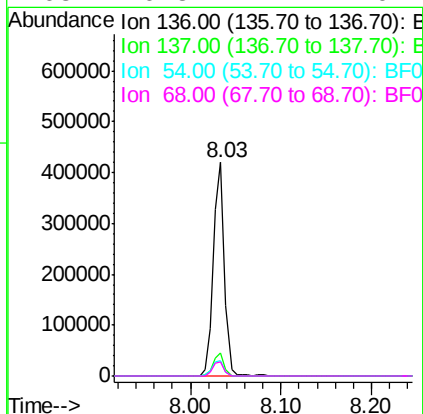
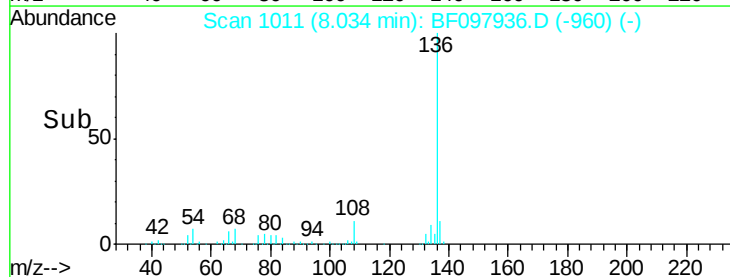
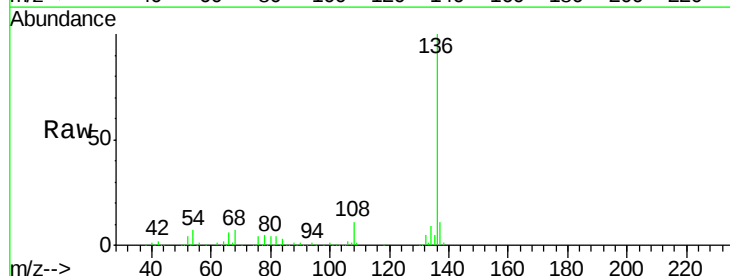
Instrument :
BNA_F
ClientSampleId :
SB-07-COMP

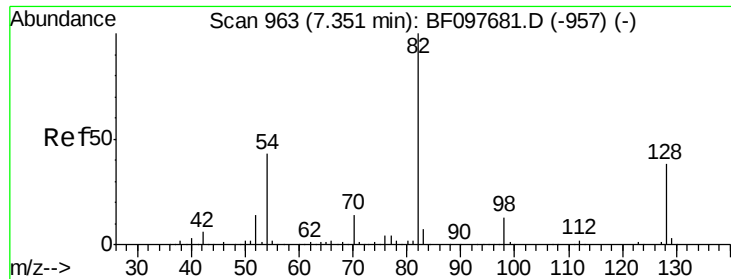
Tot Ion: 70 Resp: 74910
Ion Ratio Lower Upper
70 100
42 38.8 47.2 70.8#
101 0.0 7.2 10.8#
130 1.8 15.9 23.9#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.03 min Scan# 1011
Delta R.T. 0.00 min
Lab File: BF097936.D
Acq: 22 Aug 2017 6:10

Tgt Ion: 136 Resp: 359856
Ion Ratio Lower Upper
136 100
137 10.6 8.5 12.7
54 7.4 4.9 7.3#
68 6.8 4.1 6.1#

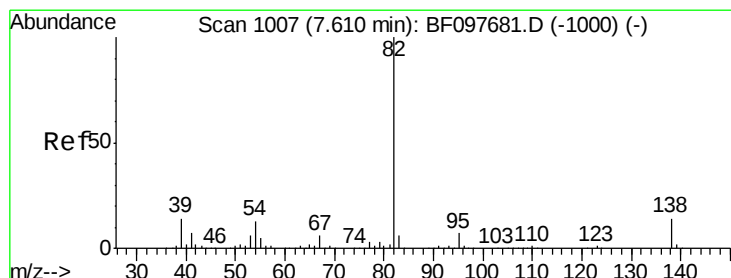
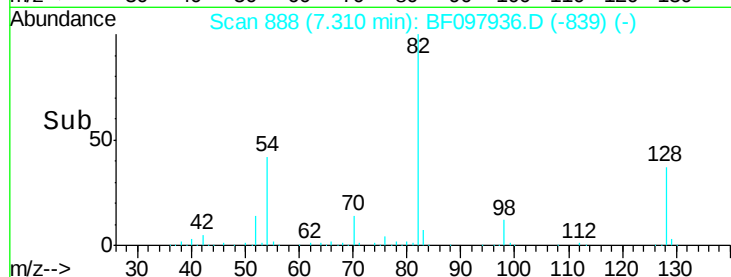
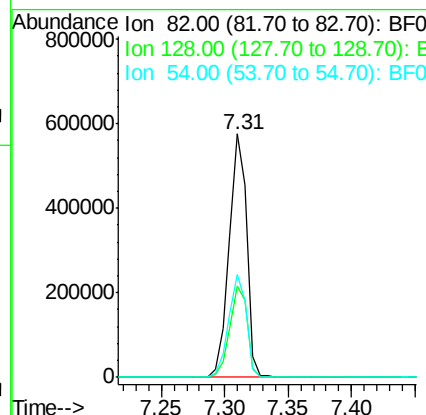
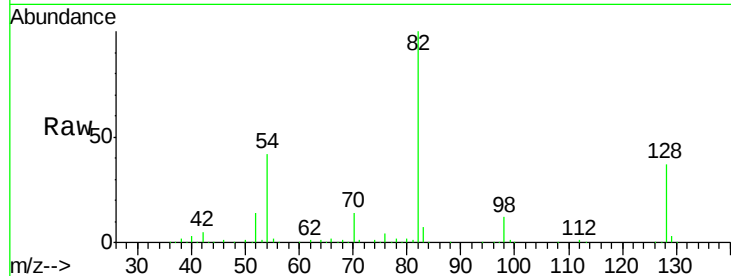




#23
Nitrobenzene-d5
Concen: 83.42 ng
RT: 7.31 min Scan# 888
Delta R.T. -0.01 min
Lab File: BF097936.D
Acq: 22 Aug 2017 6:10

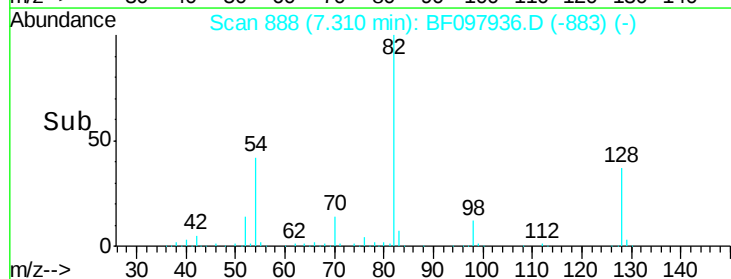
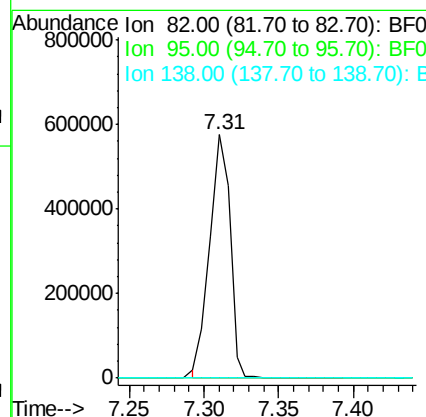
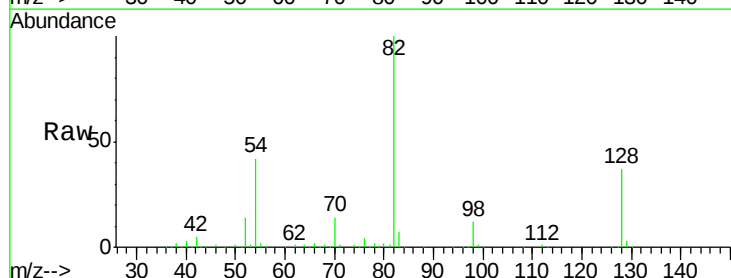
Instrument :
BNA_F
ClientSampleId :
SB-07-COMP

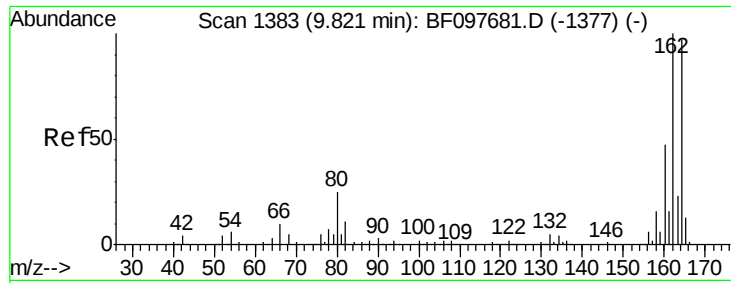
Tot Ion	Ratio	Lower	Upper
82	100		
128	37.4	34.0	51.0
54	42.4	42.2	63.2



#25
Isophorone
Concen: 39.38 ng
RT: 7.31 min Scan# 888
Delta R.T. -0.27 min
Lab File: BF097936.D
Acq: 22 Aug 2017 6:10

Tgt Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.3	7.9#
138	0.0	13.1	19.7#

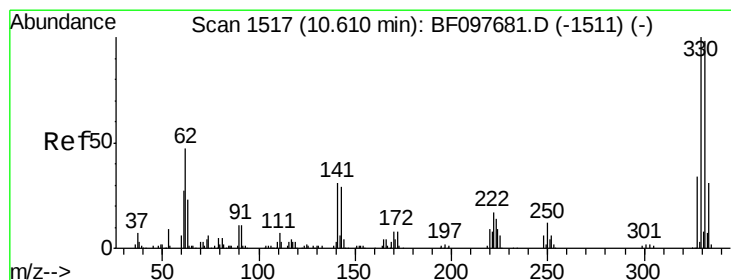
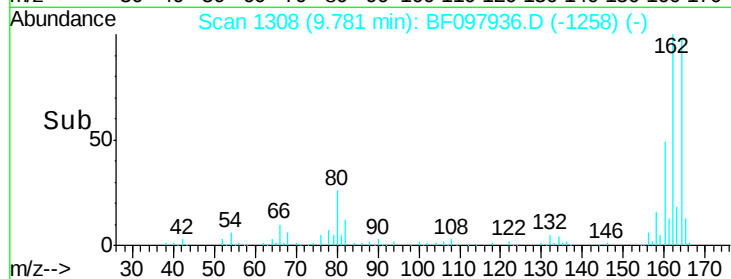
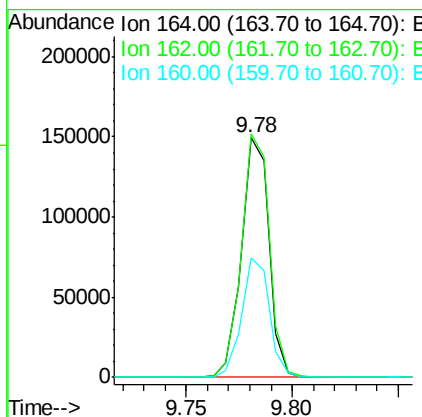
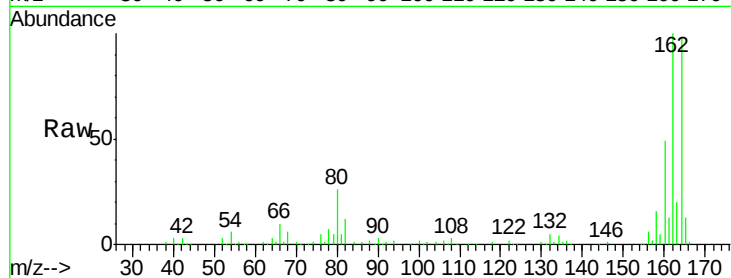




#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.78 min Scan# 1308
 Delta R.T. -0.01 min
 Lab File: BF097936.D
 Acq: 22 Aug 2017 6:10

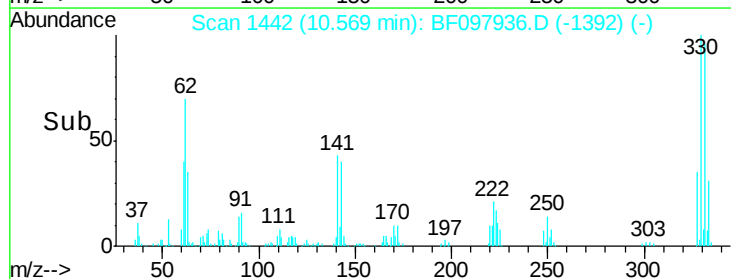
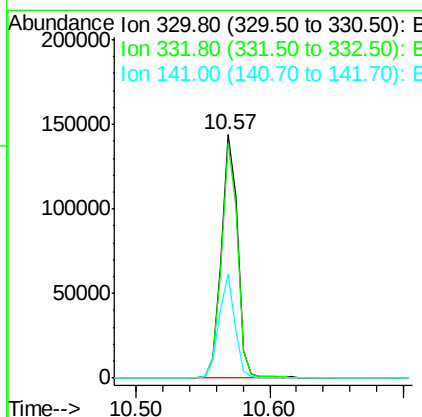
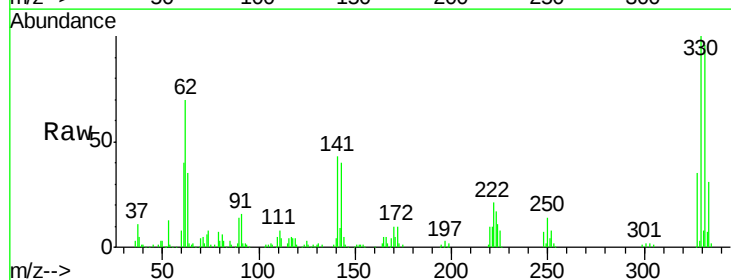
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 SB-07-COMP

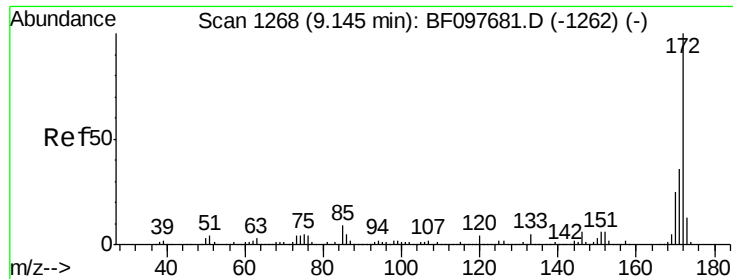
Tot Ion	Ratio	Lower	Upper
164	100		
162	101.8	82.6	123.8
160	50.0	36.2	54.2



#41
 2,4,6-Tribromophenol
 Concen: 106.93 ng
 RT: 10.57 min Scan# 1442
 Delta R.T. -0.01 min
 Lab File: BF097936.D
 Acq: 22 Aug 2017 6:10

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.5	76.6	115.0
141	42.0	31.4	47.2

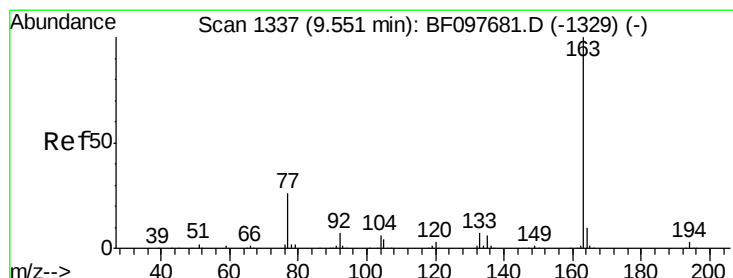
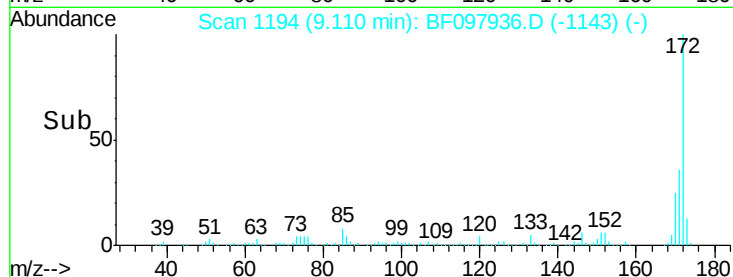
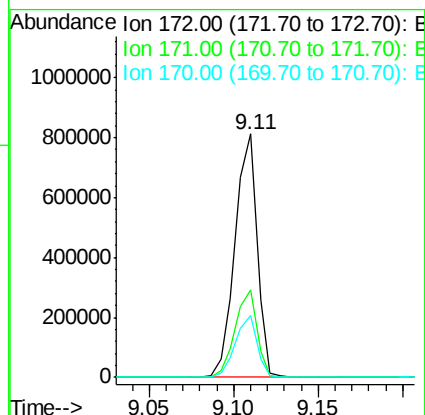
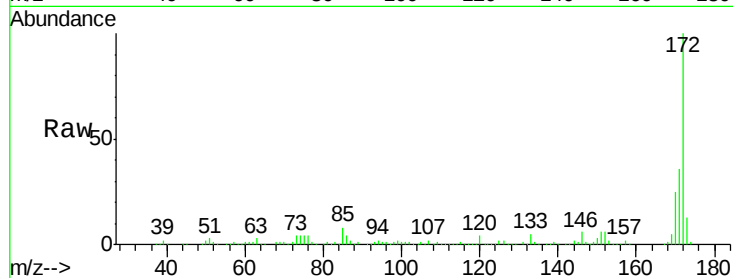




#44
2-Fluorobiphenyl
Concen: 80.76 ng
RT: 9.11 min Scan# 1194
Delta R.T. 0.00 min
Lab File: BF097936.D
Acq: 22 Aug 2017 6:10

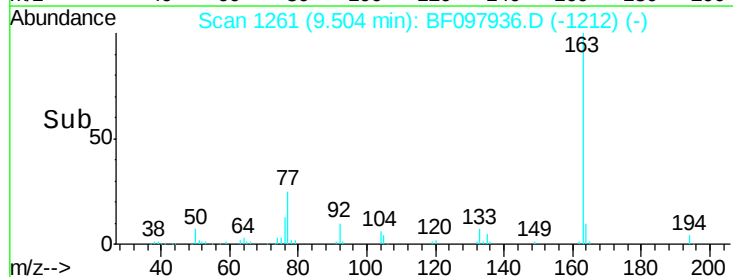
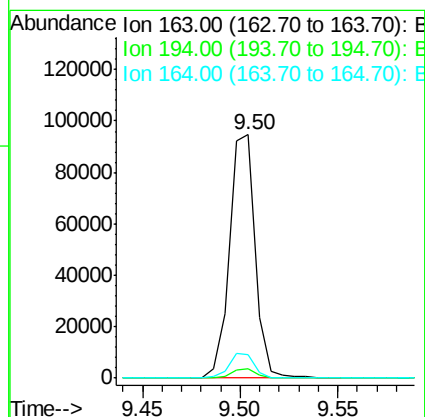
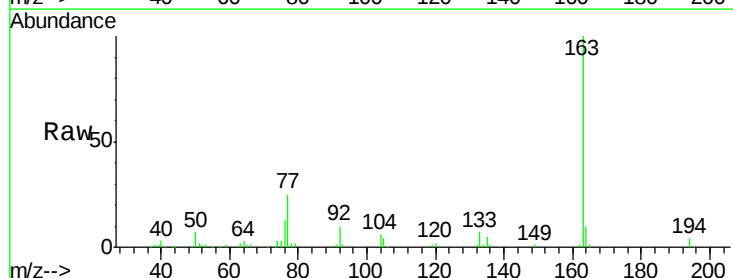
Instrument :
BNA_F
ClientSampleId :
SB-07-COMP

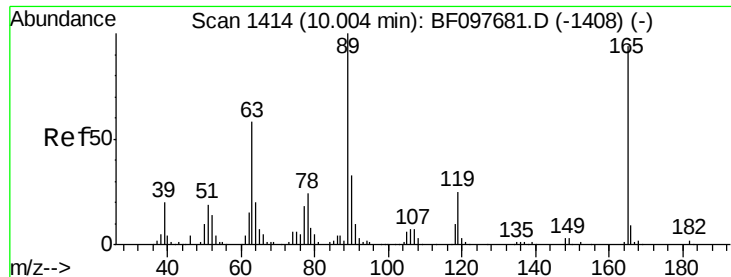
Tot Ion:172 Resp: 741132
Ion Ratio Lower Upper
172 100
171 35.8 29.6 44.4
170 25.2 19.8 29.8



#49
Dimethylphthalate
Concen: 8.75 ng
RT: 9.50 min Scan# 1261
Delta R.T. -0.01 min
Lab File: BF097936.D
Acq: 22 Aug 2017 6:10

Tgt Ion:163 Resp: 86256
Ion Ratio Lower Upper
163 100
194 3.7 2.6 4.0
164 9.8 8.4 12.6





#56

2,4-Dinitrotoluene

Concen: 6.76 ng

RT: 9.78 min Scan# 1308

Delta R.T. -0.19 min

Lab File: BF097936.D

Acq: 22 Aug 2017 6:10

Instrument :

BNA_F

ClientSampleId :

SB-07-COMP

Tot Ion:165 Resp: 16681

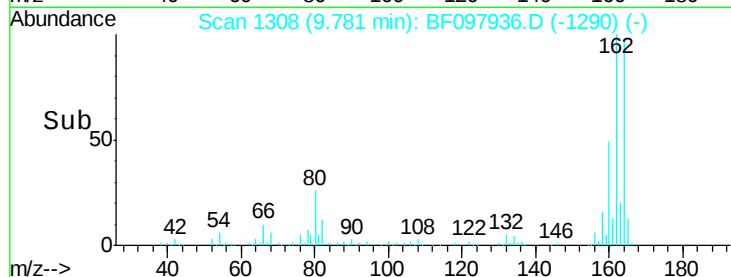
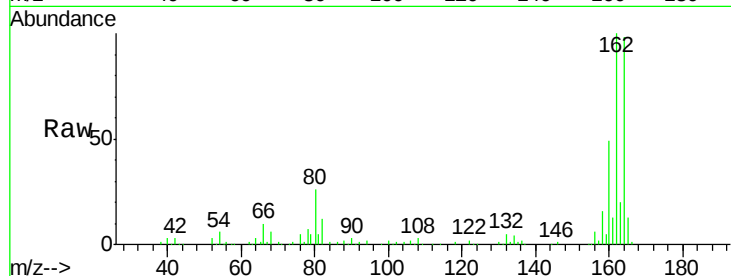
Ion Ratio Lower Upper

165 100

63 1.8 25.4 38.0#

89 2.1 46.4 69.6#

182 0.0 1.8 2.6#

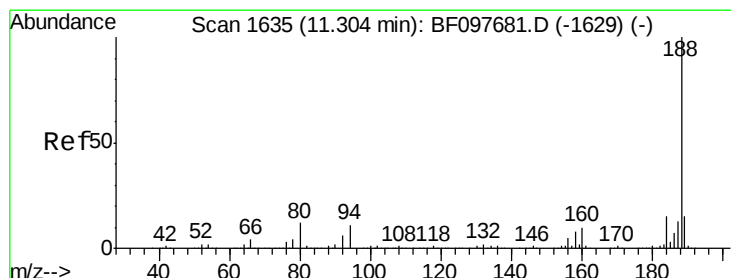
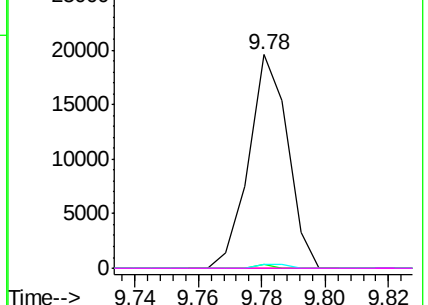


Abundance Ion 165.00 (164.70 to 165.70): E

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: 11.26 min Scan# 1560

Delta R.T. 0.00 min

Lab File: BF097936.D

Acq: 22 Aug 2017 6:10

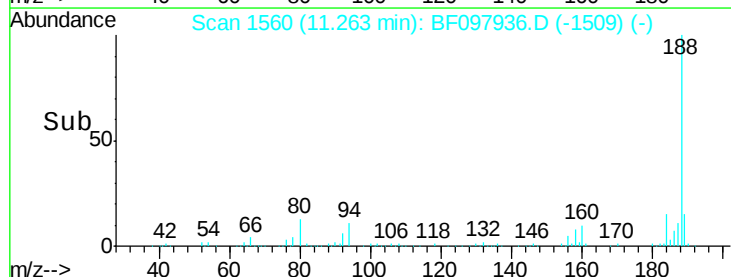
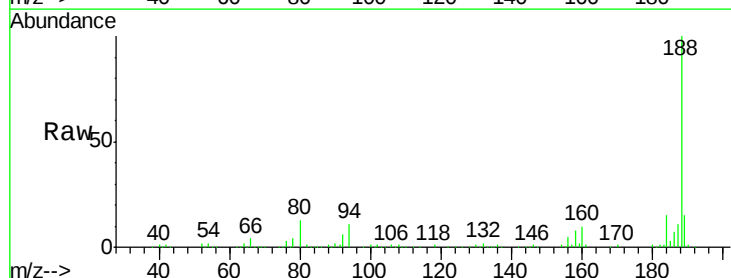
Tgt Ion:188 Resp: 245968

Ion Ratio Lower Upper

188 100

94 11.2 9.4 14.2

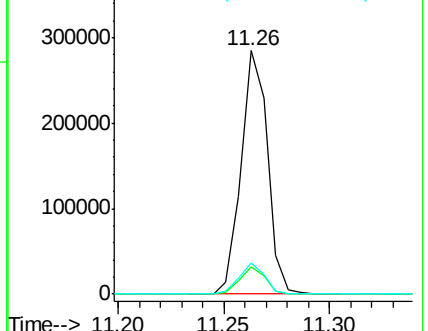
80 12.5 10.2 15.2

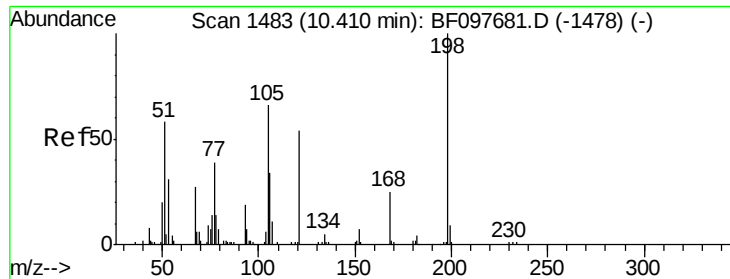


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

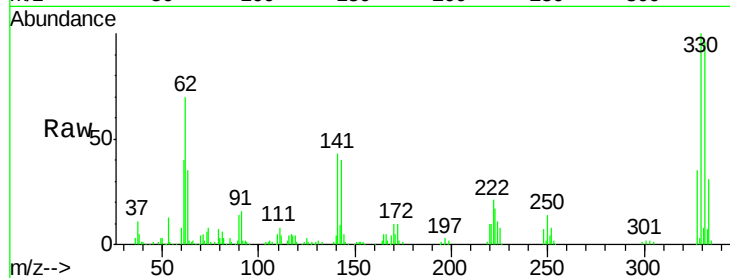




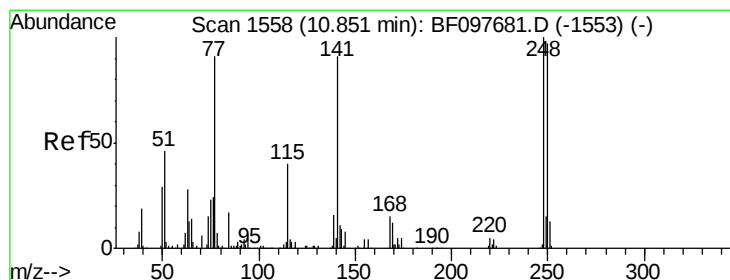
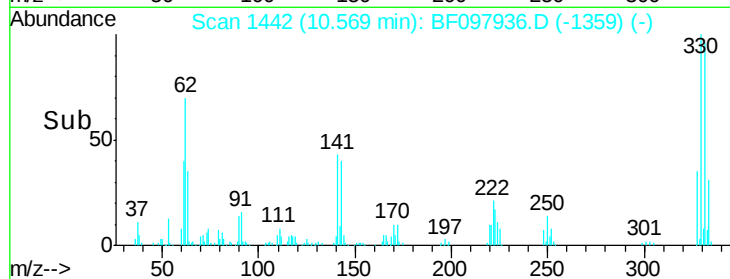
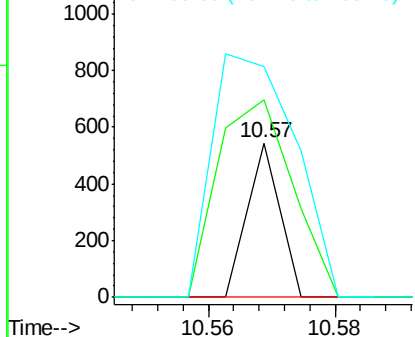
#64
4,6-Dinitro-2-methylphenol
Concen: 8.46 ng
RT: 10.57 min Scan# 1442
Delta R.T. 0.19 min
Lab File: BF097936.D
Acq: 22 Aug 2017 6:10

Instrument :
BNA_F
ClientSampleId :
SB-07-COMP

Tot Ion:198 Resp: 192
Ion Ratio Lower Upper
198 100
51 128.1 53.2 93.2#
105 150.0 45.8 85.8#

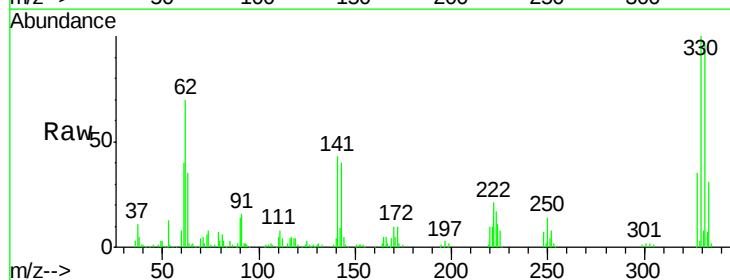


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF0
Ion 105.00 (104.70 to 105.70): E

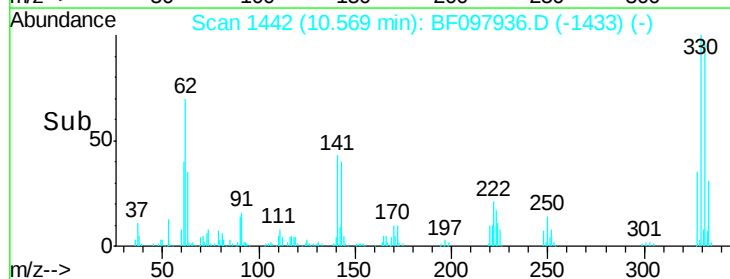
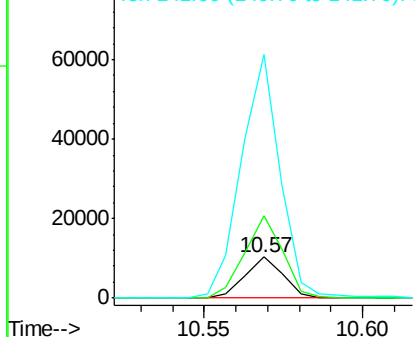


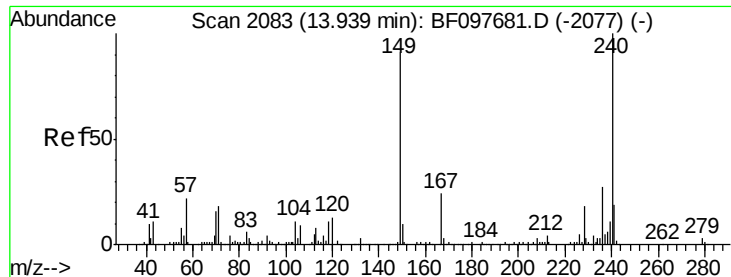
#66
4-Bromophenyl-phenylether
Concen: 3.33 ng
RT: 10.57 min Scan# 1442
Delta R.T. -0.25 min
Lab File: BF097936.D
Acq: 22 Aug 2017 6:10

Tgt Ion:248 Resp: 8505
Ion Ratio Lower Upper
248 100
250 199.5 76.8 115.2#
141 593.3 68.6 103.0#



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: 13.90 min Scan# 2083

Delta R.T. 0.00 min

Lab File: BF097936.D

Acq: 22 Aug 2017 6:10

Instrument :

BNA_F

ClientSampleId :

SB-07-COMP

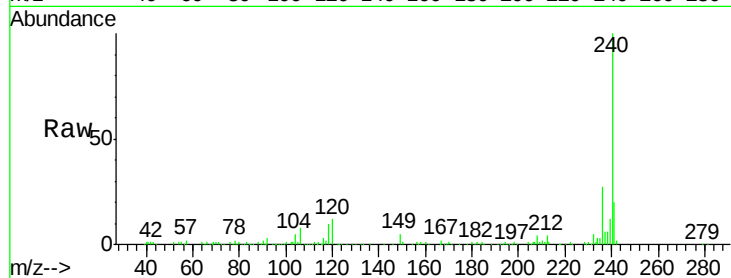
Tot Ion:240 Resp: 210563

Ion Ratio Lower Upper

240 100

120 11.6 5.8 8.8#

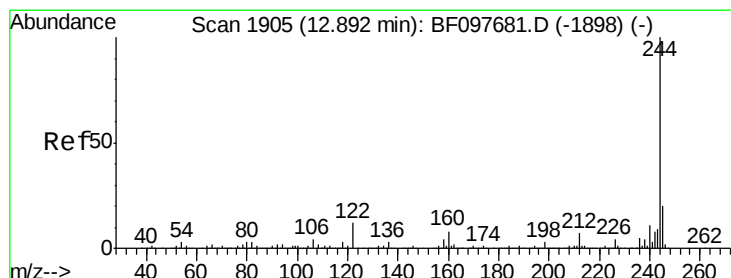
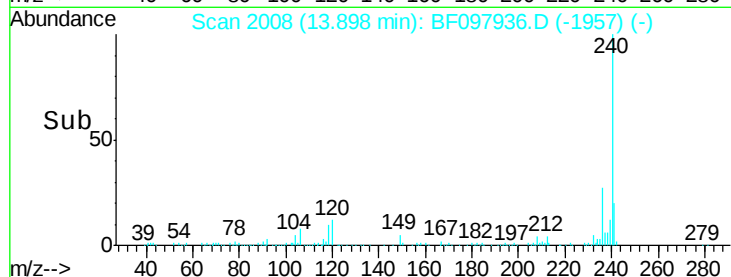
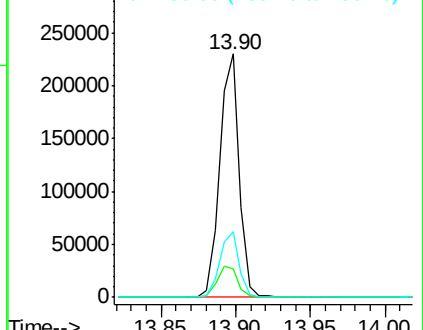
236 27.2 20.5 30.7



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: 58.80 ng

RT: 12.85 min Scan# 1830

Delta R.T. 0.00 min

Lab File: BF097936.D

Acq: 22 Aug 2017 6:10

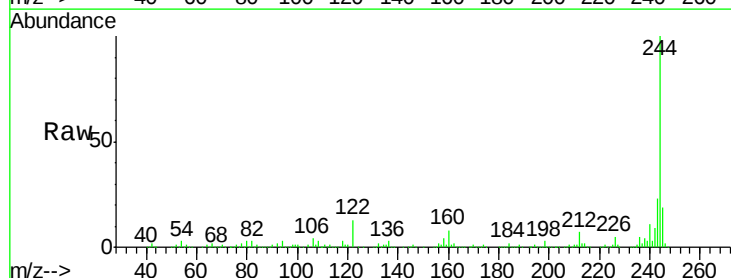
Tgt Ion:244 Resp: 593733

Ion Ratio Lower Upper

244 100

212 7.4 6.0 9.0

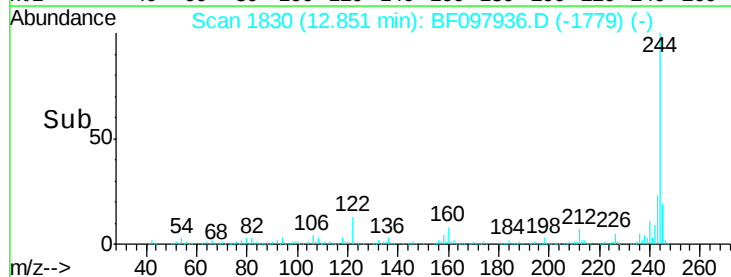
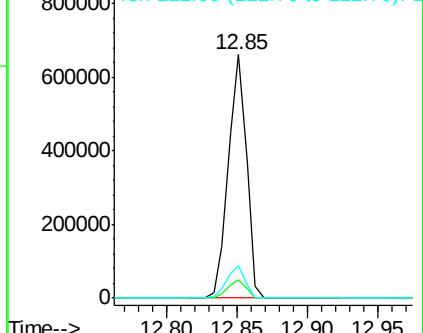
122 13.3 10.3 15.5

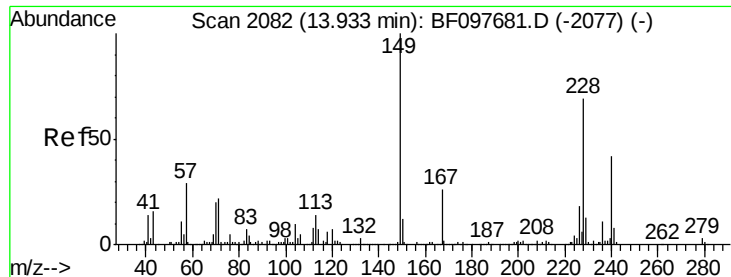


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

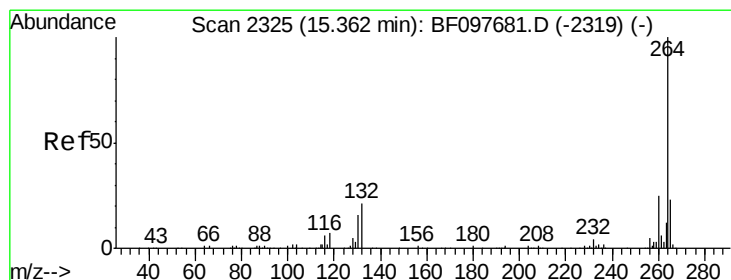
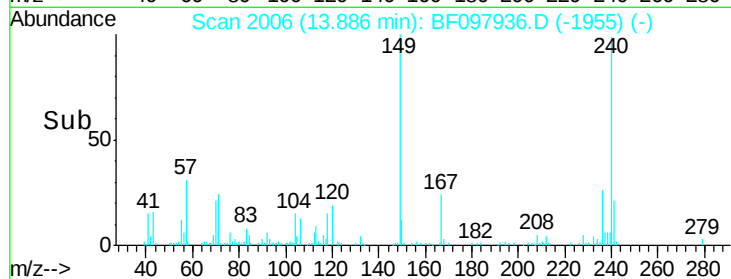
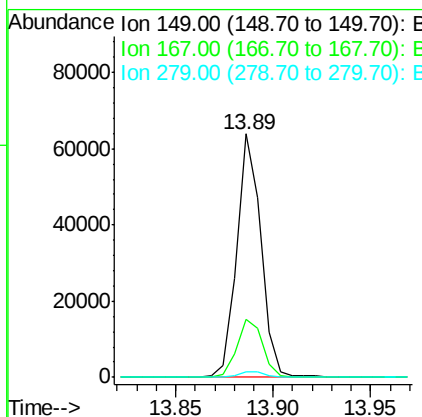
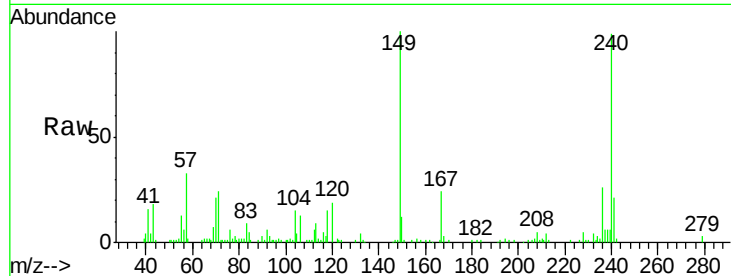




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 7.48 ng
 RT: 13.89 min Scan# 2006
 Delta R.T. 0.00 min
 Lab File: BF097936.D
 Acq: 22 Aug 2017 6:10

Instrument :
 BNA_F
 ClientSampleId :
 SB-07-COMP

Tot Ion:149 Resp: 54723
 Ion Ratio Lower Upper
 149 100
 167 23.8 21.0 31.4
 279 2.5 1.9 2.9



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.32 min Scan# 2249
 Delta R.T. 0.01 min
 Lab File: BF097936.D
 Acq: 22 Aug 2017 6:10

Tgt Ion:264 Resp: 145963
 Ion Ratio Lower Upper
 264 100
 260 23.4 19.5 29.3
 265 19.5 17.2 25.8

