

Data Path : Z:\HPCHEM1\BNA F\DATA\BF082117\
 Data File : BF097939.D
 Acq On : 22 Aug 2017 7:34
 Operator : SJ/JU
 Sample : I4872-08
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-11-COMP

Quant Time: Aug 22 08:06:43 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

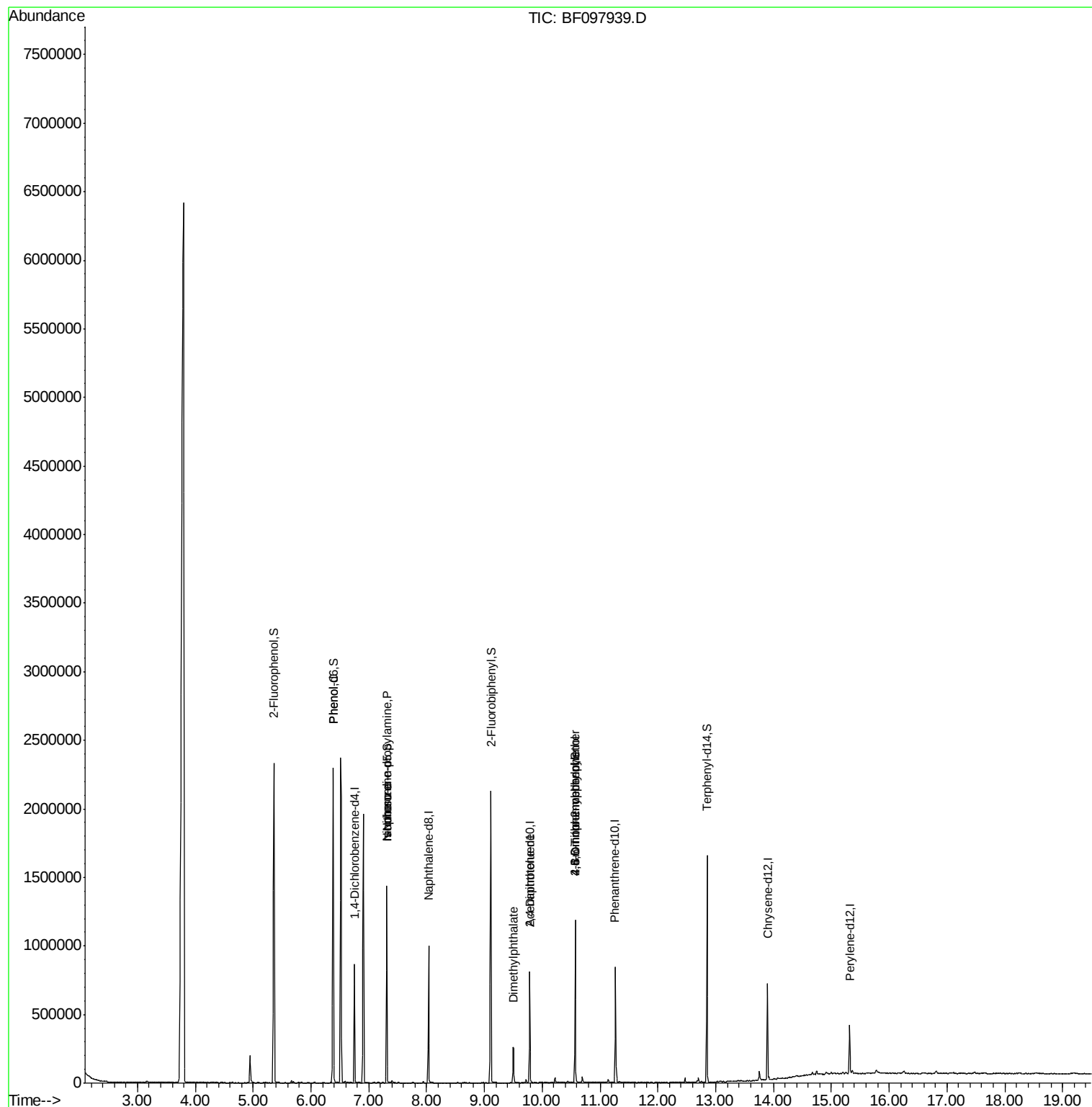
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	113741	20.00	ng	0.00
21) Naphthalene-d8	8.03	136	409748	20.00	ng	0.00
38) Acenaphthene-d10	9.78	164	153852	20.00	ng	0.00
63) Phenanthrene-d10	11.26	188	270606	20.00	ng	0.00
75) Chrysene-d12	13.90	240	231276	20.00	ng	0.00
86) Perylene-d12	15.32	264	152049	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	683331	91.38	ng	0.00
7) Phenol-d6	6.39	99	894696	88.06	ng	0.00
23) Nitrobenzene-d5	7.31	82	512028	67.88	ng	-0.01
41) 2,4,6-Tribromophenol	10.57	330	110451	82.74	ng	0.00
44) 2-Fluorobiphenyl	9.11	172	646508	61.74	ng	0.00
78) Terphenyl-d14	12.85	244	458622	41.35	ng	0.00
Target Compounds						
10) Phenol	6.39	94	27256	2.29	ng	92
19) n-Nitroso-di-n-propylamine	7.31	70	68893	9.91	ng	# 71
25) Isophorone	7.31	82	502893	32.06	ng	# 67
49) Dimethylphthalate	9.50	163	97186	8.64	ng	98
56) 2,4-Dinitrotoluene	9.78	165	18505	6.57	ng	# 33
64) 4,6-Dinitro-2-methylphenol	10.57	198	130	8.40	ng	# 1
66) 4-Bromophenyl-phenylether	10.57	248	7261	2.58	ng	# 1

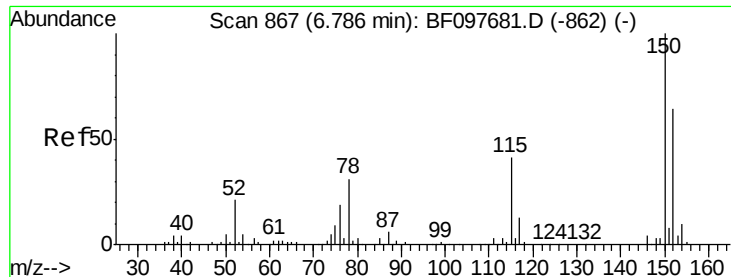
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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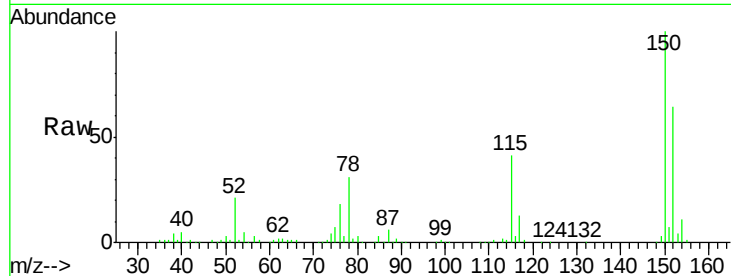


#1

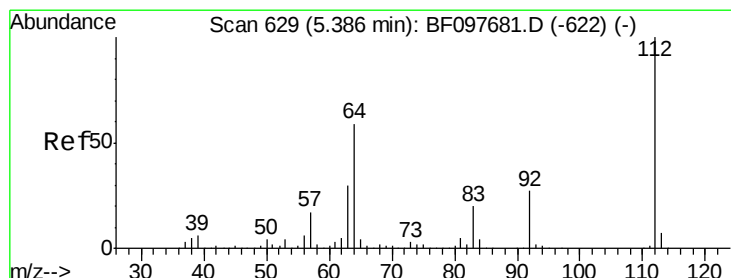
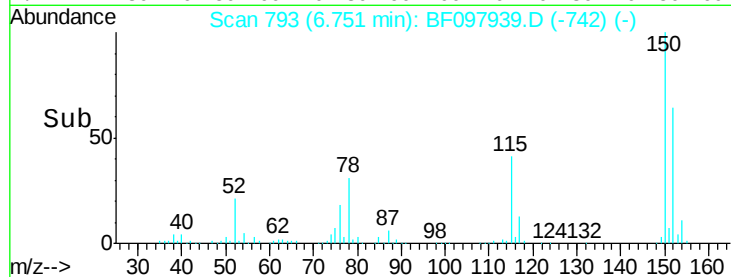
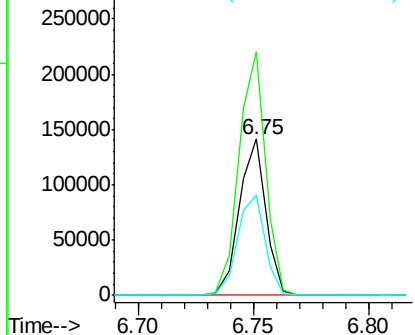
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.75 min Scan# 793
 Delta R.T. 0.00 min
 Lab File: BF097939.D
 Acq: 22 Aug 2017 7:34

Instrument :
 BNA_F
 ClientSampleId :
 SB-11-COMP

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.7	126.2	189.2
115	64.1	52.2	78.2



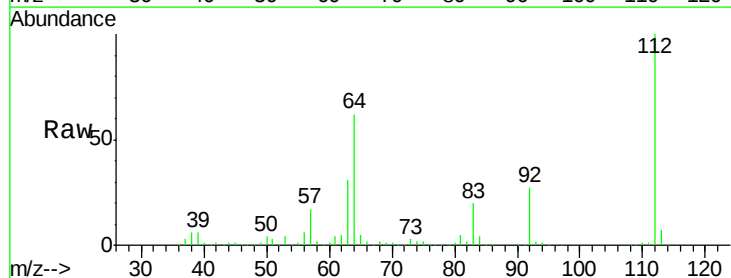
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



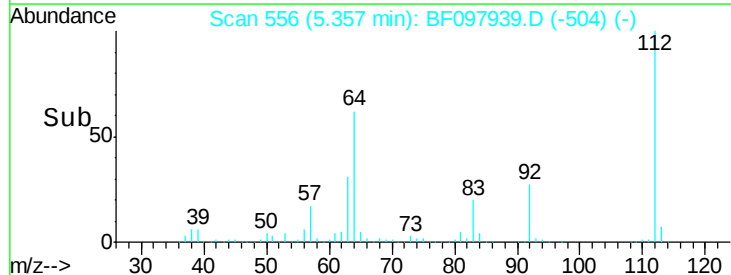
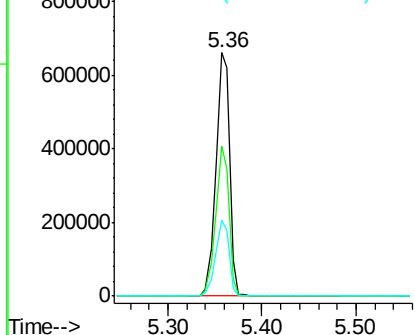
#5

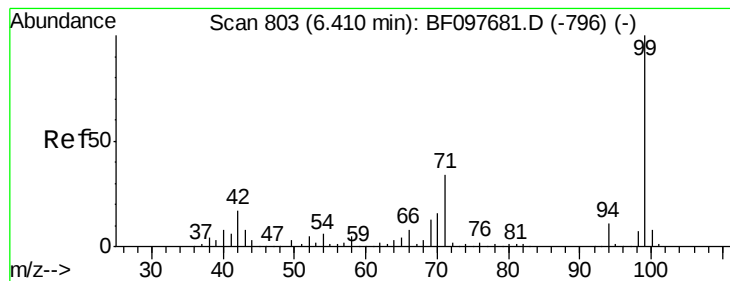
2-Fluorophenol
 Concen: 91.38 ng
 RT: 5.36 min Scan# 556
 Delta R.T. 0.01 min
 Lab File: BF097939.D
 Acq: 22 Aug 2017 7:34

Tgt Ion	Ratio	Lower	Upper
112	100		
64	61.5	46.0	69.0
63	31.3	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: 88.06 ng

RT: 6.39 min Scan# 731

Delta R.T. 0.00 min

Lab File: BF097939.D

Acq: 22 Aug 2017 7:34

Instrument :

BNA_F

ClientSampleId :

SB-11-COMP

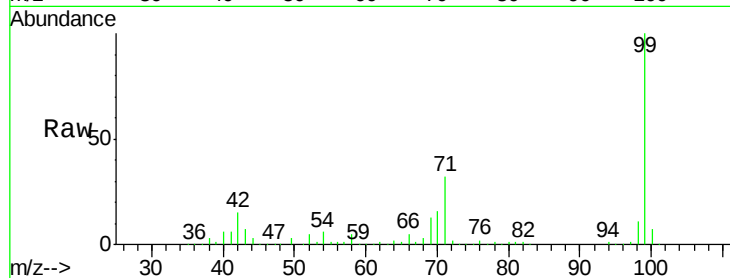
Tot Ion: 99 Resp: 894696

Ion Ratio Lower Upper

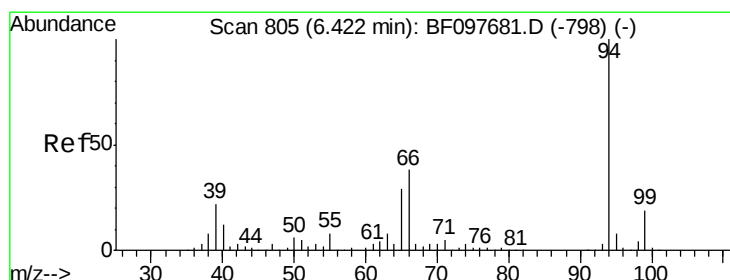
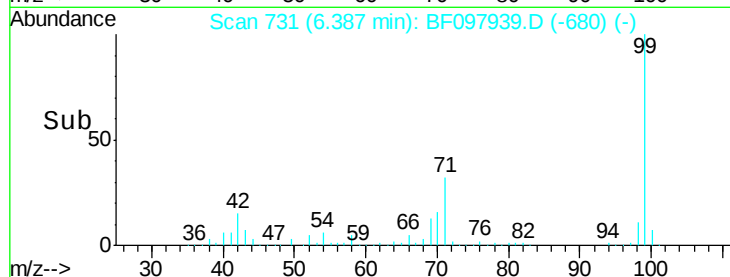
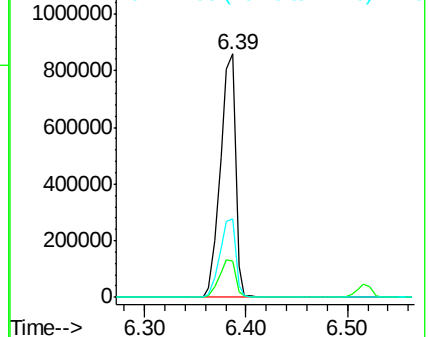
99 100

42 15.0 13.5 20.3

71 32.2 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: 2.29 ng

RT: 6.39 min Scan# 732

Delta R.T. -0.01 min

Lab File: BF097939.D

Acq: 22 Aug 2017 7:34

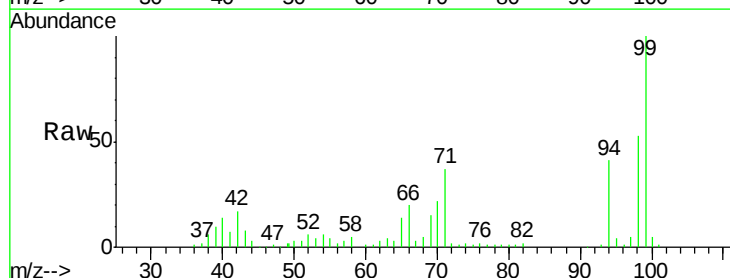
Tgt Ion: 94 Resp: 27256

Ion Ratio Lower Upper

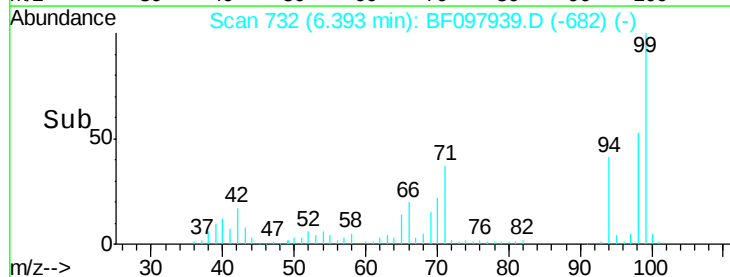
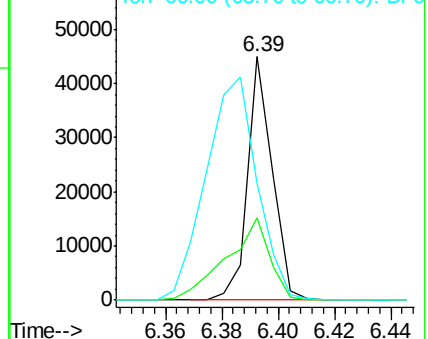
94 100

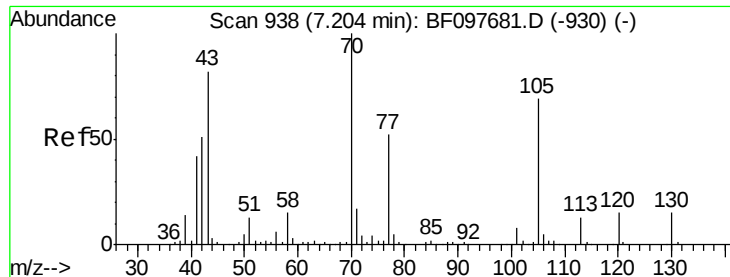
65 33.9 9.9 49.9

66 48.1 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

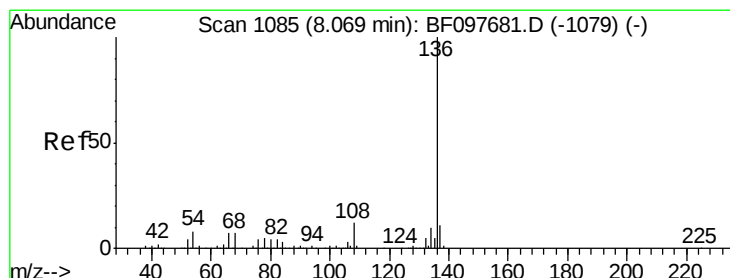
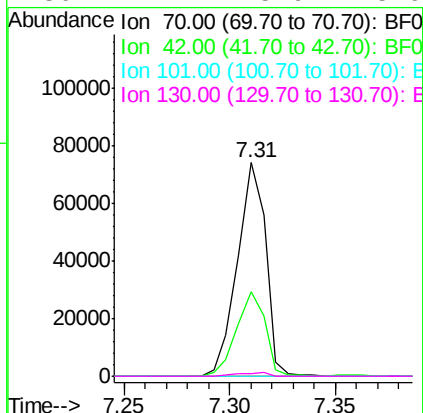
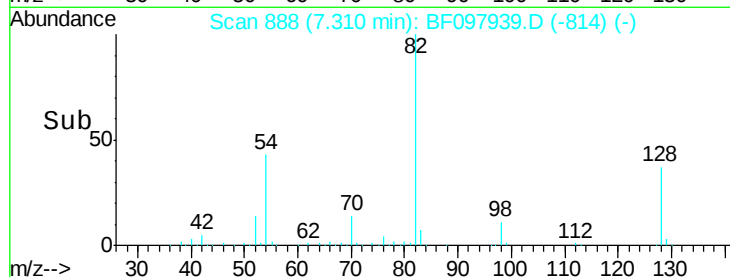
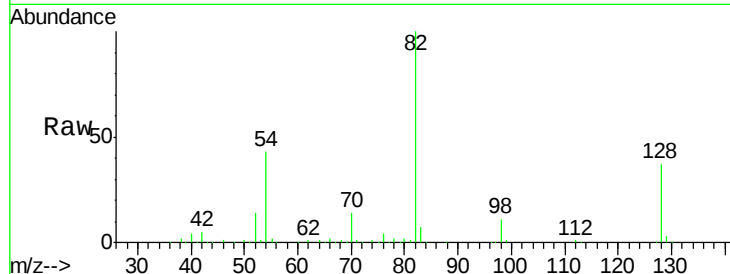




#19
n-Nitroso-di-n-propylamine
Concen: 9.91 ng
RT: 7.31 min Scan# 888
Delta R.T. 0.14 min
Lab File: BF097939.D
Acq: 22 Aug 2017 7:34

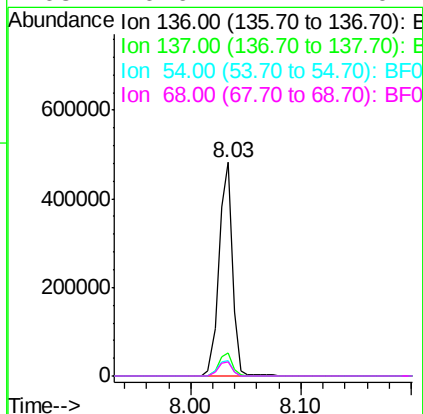
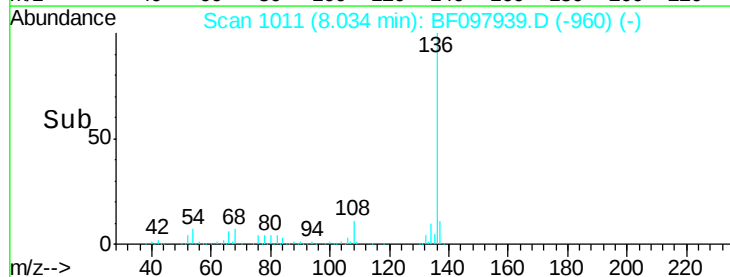
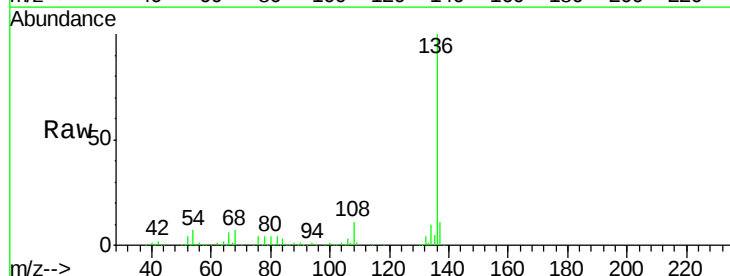
Instrument :
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ClientSampleId :
SB-11-COMP

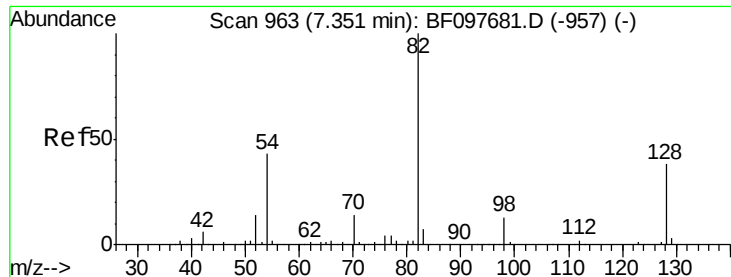
Tot Ion: 70 Resp: 68893
Ion Ratio Lower Upper
70 100
42 39.3 47.2 70.8#
101 0.0 7.2 10.8#
130 1.4 15.9 23.9#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.03 min Scan# 1011
Delta R.T. 0.00 min
Lab File: BF097939.D
Acq: 22 Aug 2017 7:34

Tgt Ion: 136 Resp: 409748
Ion Ratio Lower Upper
136 100
137 10.9 8.5 12.7
54 7.0 4.9 7.3
68 6.6 4.1 6.1#

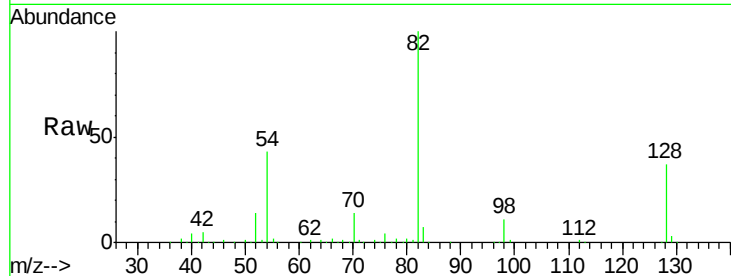




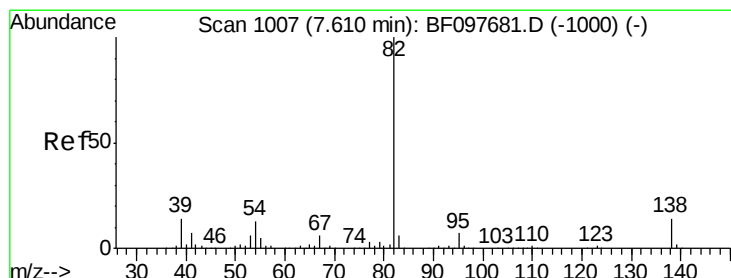
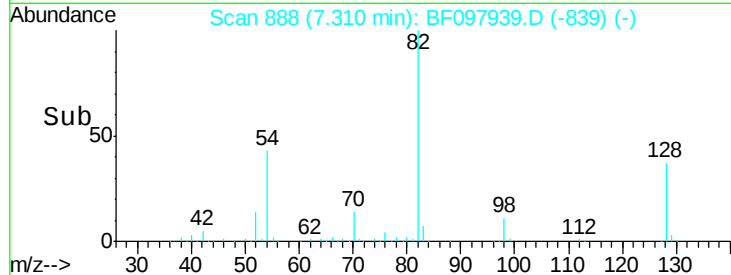
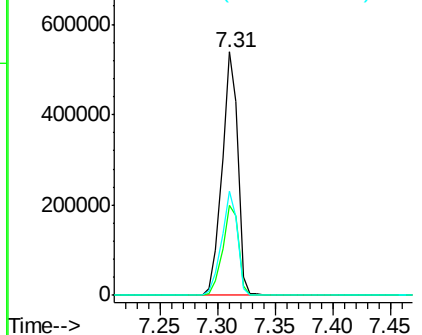
#23
 Nitrobenzene-d5
 Concen: 67.88 ng
 RT: 7.31 min Scan# 888
 Delta R.T. -0.01 min
 Lab File: BF097939.D
 Acq: 22 Aug 2017 7:34

Instrument :
 BNA_F
 ClientSampleId :
 SB-11-COMP

Tot Ion	Ratio	Lower	Upper
82	100		
128	36.9	34.0	51.0
54	42.9	42.2	63.2

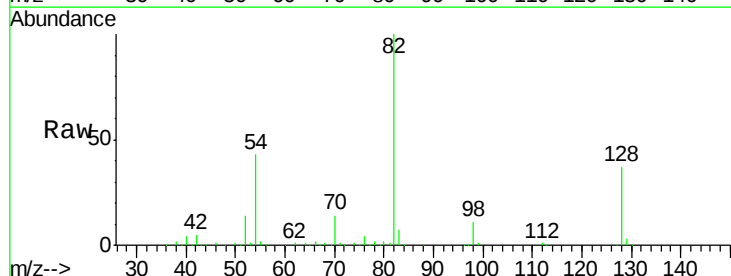


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): BF0
 Ion 54.00 (53.70 to 54.70): BF0

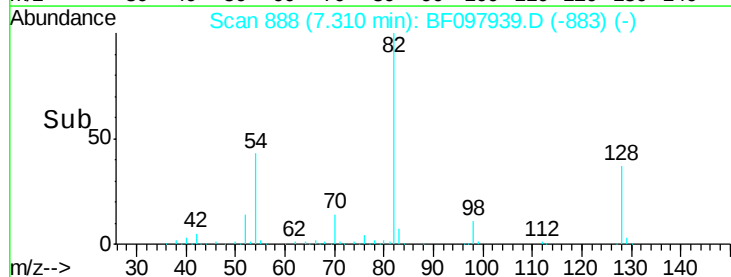
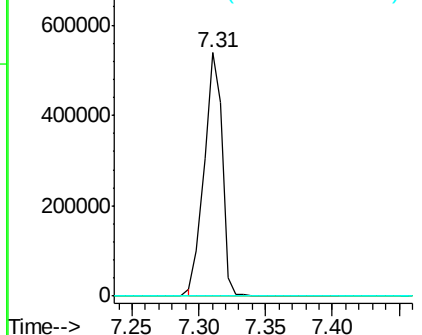


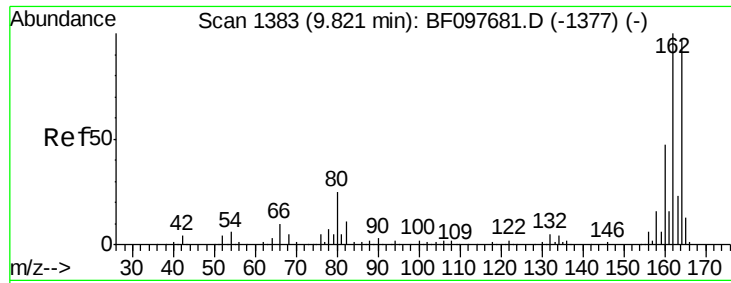
#25
 Isophorone
 Concen: 32.06 ng
 RT: 7.31 min Scan# 888
 Delta R.T. -0.27 min
 Lab File: BF097939.D
 Acq: 22 Aug 2017 7:34

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



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): BF0

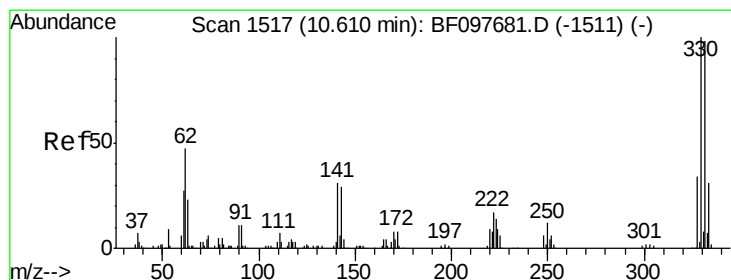
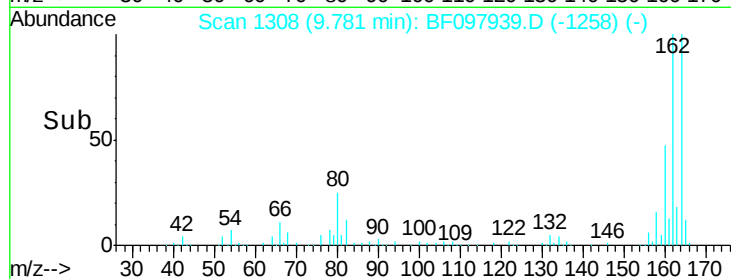
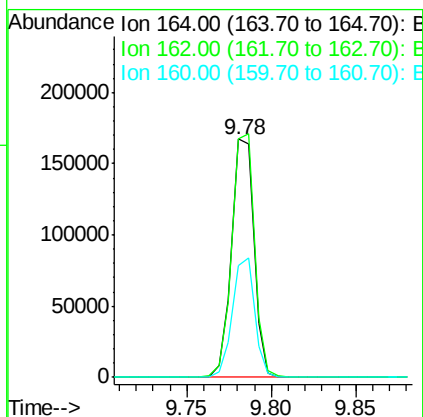
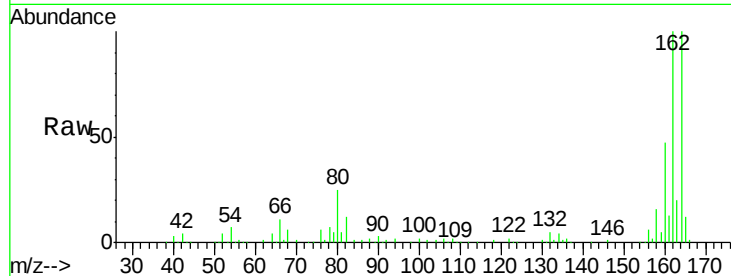




#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.78 min Scan# 1308
 Delta R.T. -0.01 min
 Lab File: BF097939.D
 Acq: 22 Aug 2017 7:34

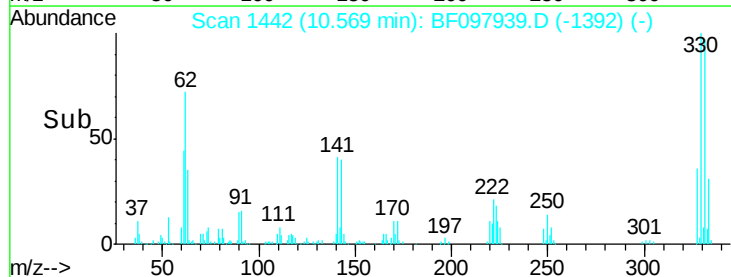
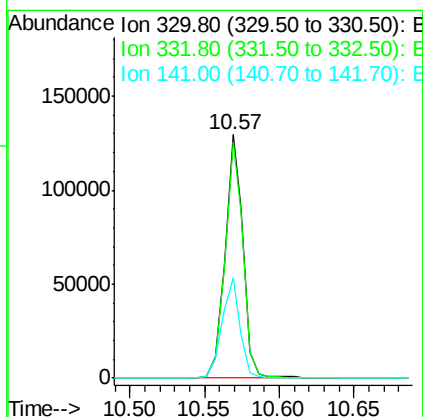
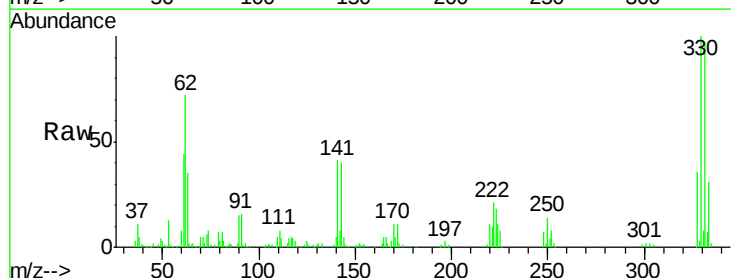
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 SB-11-COMP

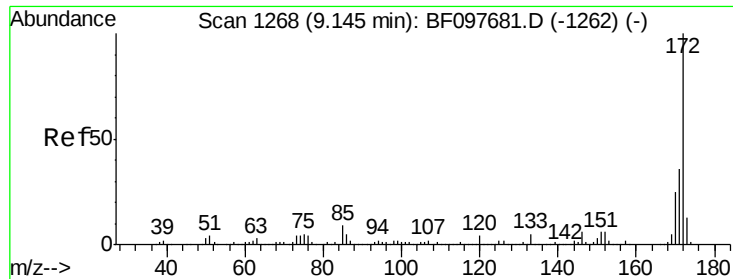
Tot Ion:164 Resp: 153852
 Ion Ratio Lower Upper
 164 100
 162 100.1 82.6 123.8
 160 47.2 36.2 54.2



#41
 2,4,6-Tribromophenol
 Concen: 82.74 ng
 RT: 10.57 min Scan# 1442
 Delta R.T. -0.01 min
 Lab File: BF097939.D
 Acq: 22 Aug 2017 7:34

Tgt Ion:330 Resp: 110451
 Ion Ratio Lower Upper
 330 100
 332 97.2 76.6 115.0
 141 41.7 31.4 47.2

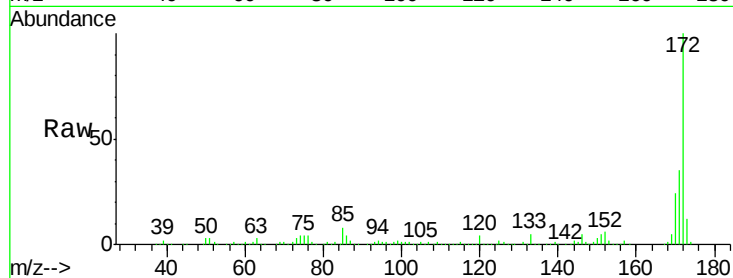




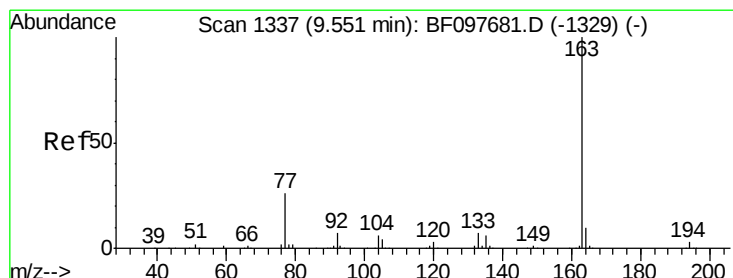
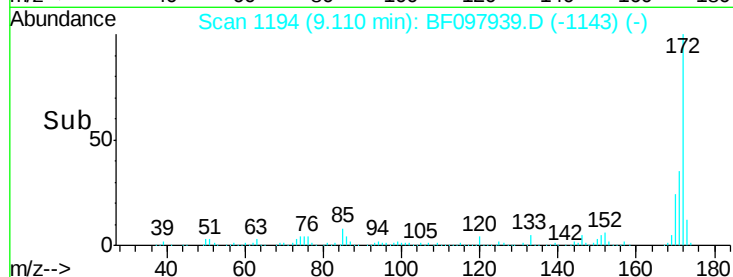
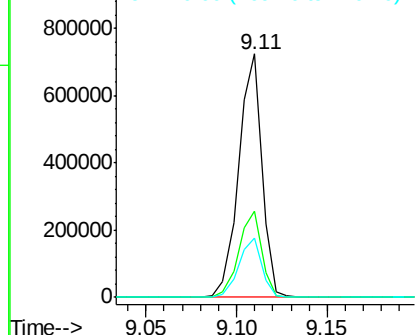
#44
2-Fluorobiphenyl
Concen: 61.74 ng
RT: 9.11 min Scan# 1194
Delta R.T. 0.00 min
Lab File: BF097939.D
Acq: 22 Aug 2017 7:34

Instrument :
BNA_F
ClientSampleId :
SB-11-COMP

Tot Ion:172 Resp: 646508
Ion Ratio Lower Upper
172 100
171 35.5 29.6 44.4
170 24.3 19.8 29.8

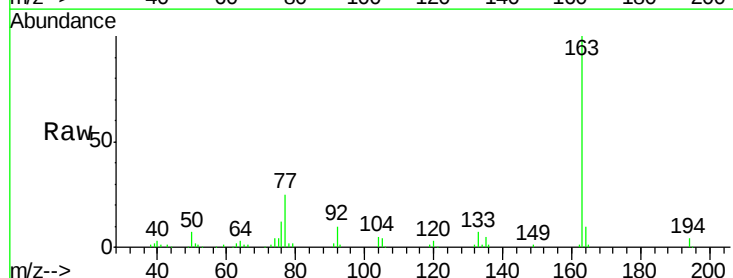


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

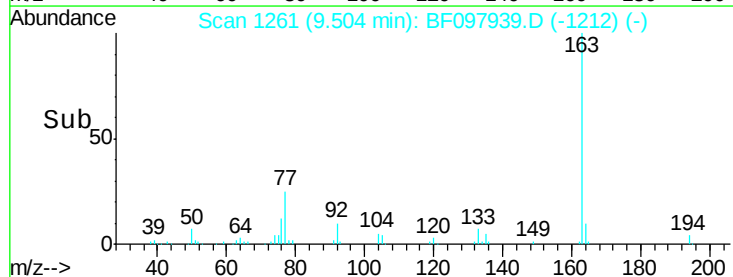
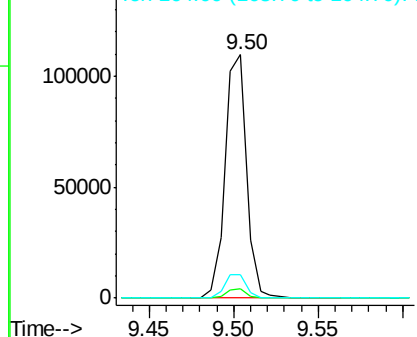


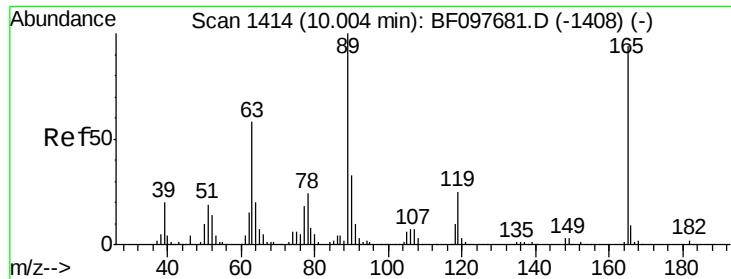
#49
Dimethylphthalate
Concen: 8.64 ng
RT: 9.50 min Scan# 1261
Delta R.T. -0.01 min
Lab File: BF097939.D
Acq: 22 Aug 2017 7:34

Tgt Ion:163 Resp: 97186
Ion Ratio Lower Upper
163 100
194 3.6 2.6 4.0
164 9.7 8.4 12.6



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

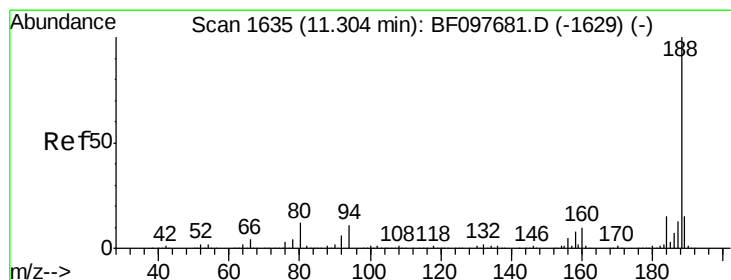
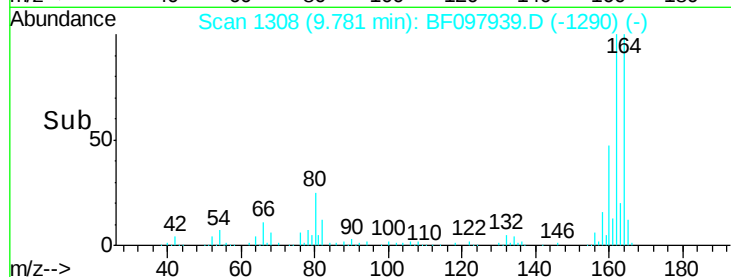
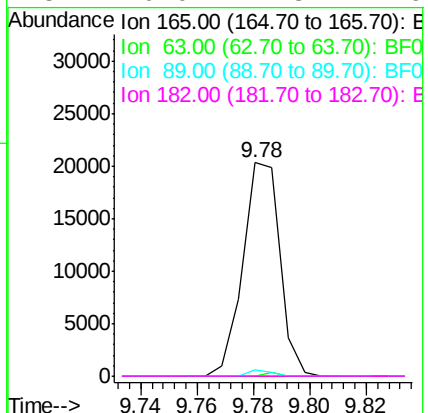
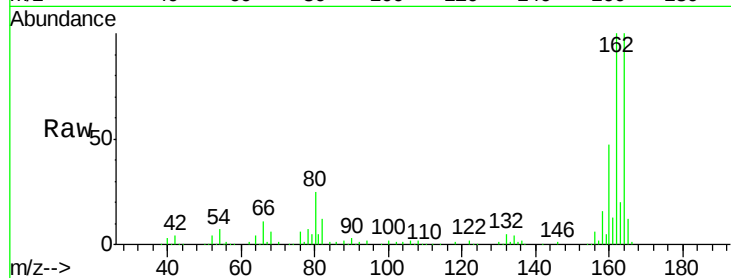




#56
 2,4-Dinitrotoluene
 Concen: 6.57 ng
 RT: 9.78 min Scan# 1308
 Delta R.T. -0.19 min
 Lab File: BF097939.D
 Acq: 22 Aug 2017 7:34

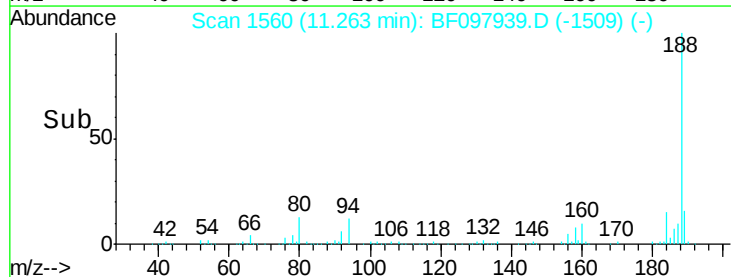
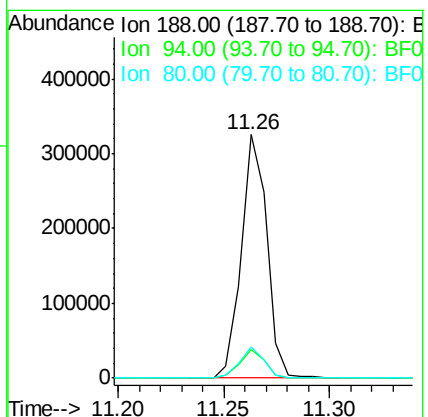
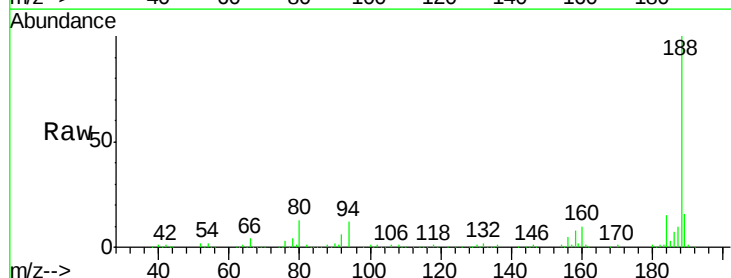
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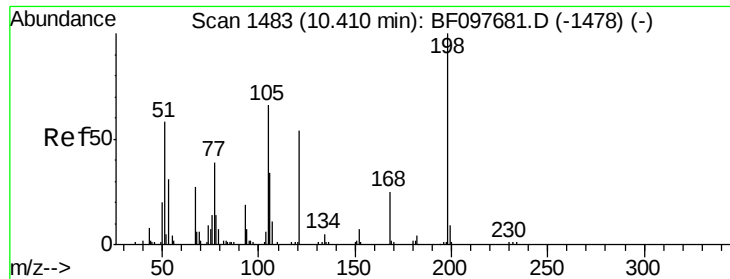
Tot Ion:165	Resp:	18505
Ion Ratio	Lower	Upper
165	100	
63	0.0	25.4 38.0#
89	3.1	46.4 69.6#
182	0.0	1.8 2.6#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.26 min Scan# 1560
 Delta R.T. 0.00 min
 Lab File: BF097939.D
 Acq: 22 Aug 2017 7:34

Tgt Ion:188	Resp:	270606
Ion Ratio	Lower	Upper
188	100	
94	11.9	9.4 14.2
80	12.9	10.2 15.2





#64

4,6-Dinitro-2-methylphenol

Concen: 8.40 ng

RT: 10.57 min Scan# 1442

Delta R.T. 0.19 min

Lab File: BF097939.D

Acq: 22 Aug 2017 7:34

Instrument :

BNA_F

ClientSampleId :

SB-11-COMP

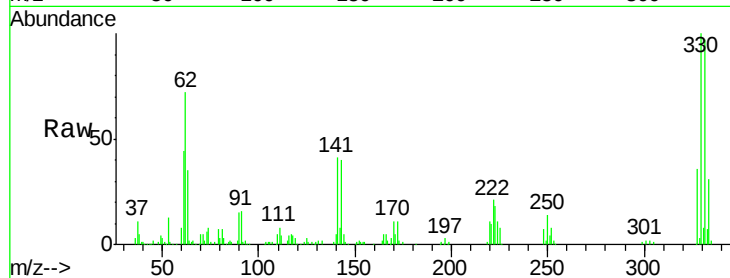
Tot Ion:198 Resp: 130

Ion Ratio Lower Upper

198 100

51 288.6 53.2 93.2#

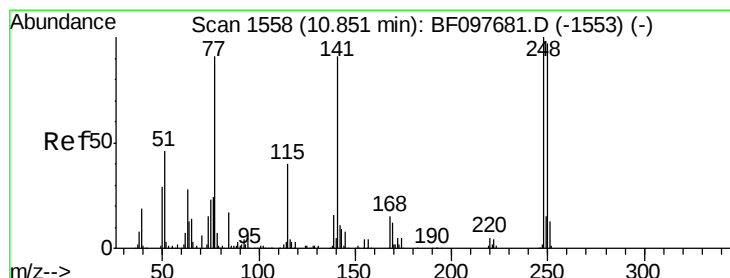
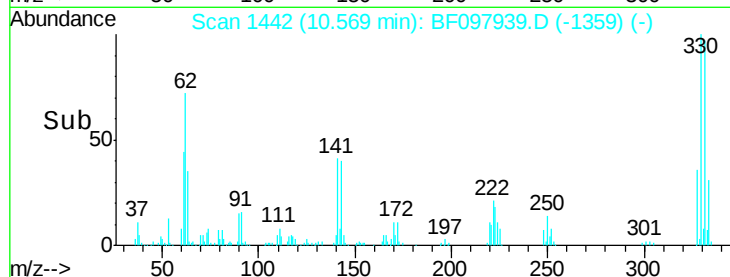
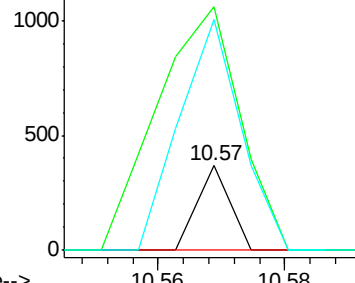
105 274.1 45.8 85.8#



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: 2.58 ng

RT: 10.57 min Scan# 1442

Delta R.T. -0.25 min

Lab File: BF097939.D

Acq: 22 Aug 2017 7:34

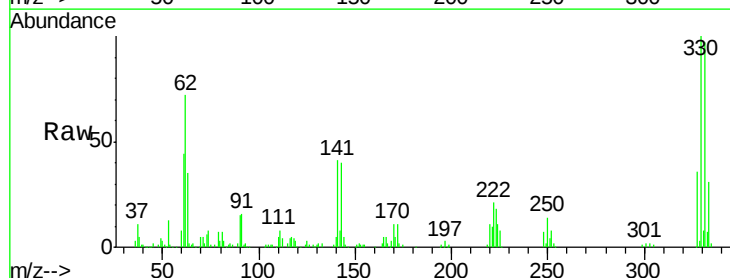
Tgt Ion:248 Resp: 7261

Ion Ratio Lower Upper

248 100

250 205.1 76.8 115.2#

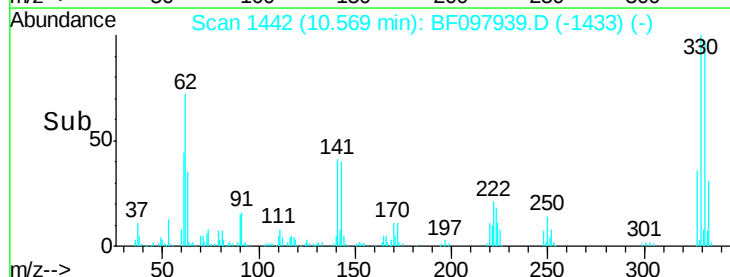
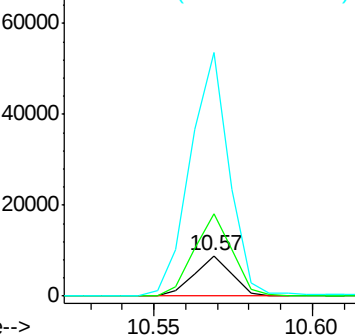
141 604.3 68.6 103.0#

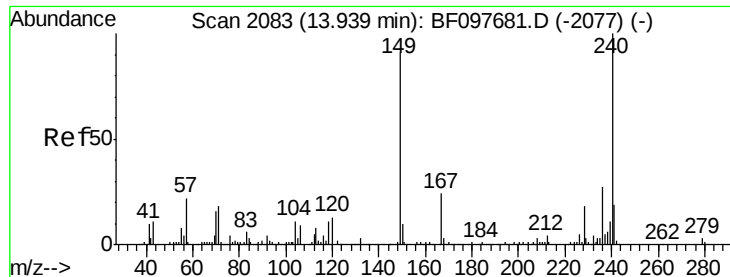


Abundance Ion 248.00 (247.70 to 248.70): E

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: BF097939.D

Acq: 22 Aug 2017 7:34

Instrument :

BNA_F

ClientSampleId :

SB-11-COMP

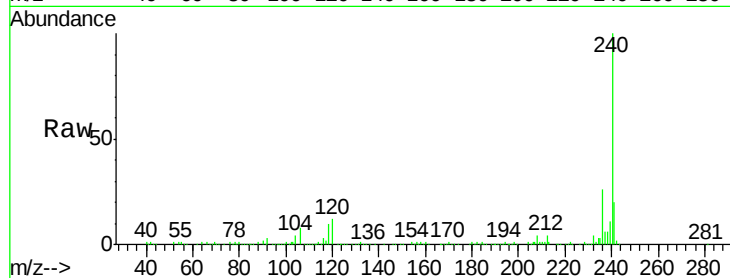
Tot Ion:240 Resp: 231276

Ion Ratio Lower Upper

240 100

120 11.8 5.8 8.8#

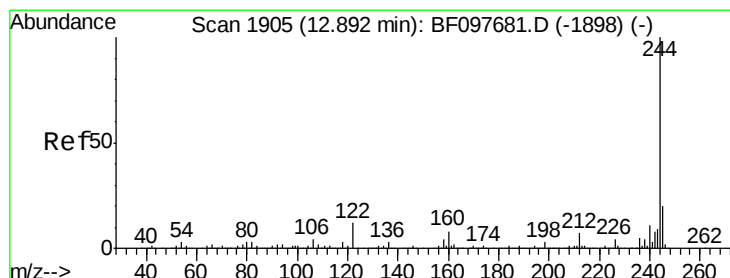
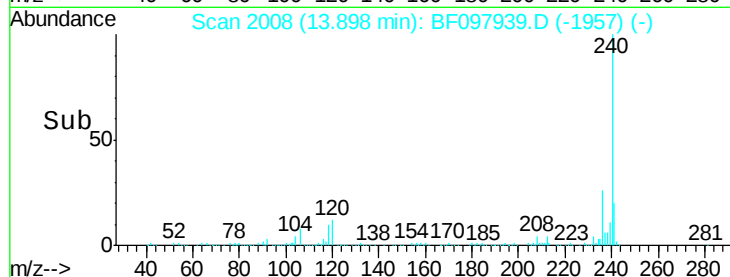
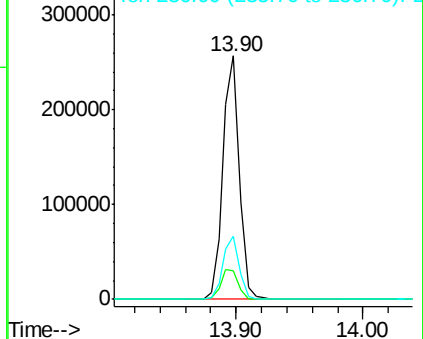
236 26.1 20.5 30.7



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: 41.35 ng

RT: 12.85 min Scan# 1830

Delta R.T. 0.00 min

Lab File: BF097939.D

Acq: 22 Aug 2017 7:34

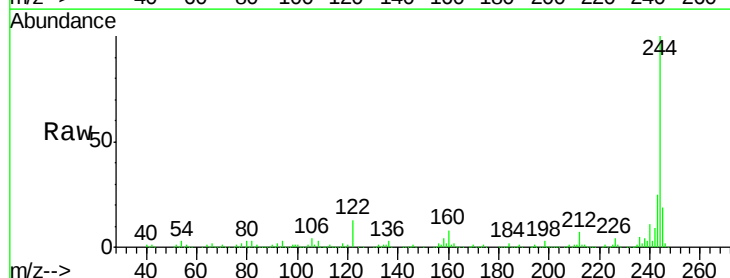
Tgt Ion:244 Resp: 458622

Ion Ratio Lower Upper

244 100

212 7.3 6.0 9.0

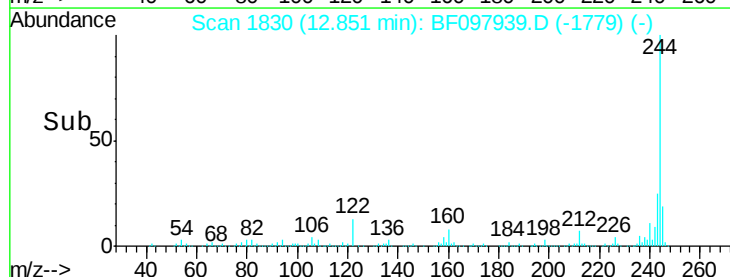
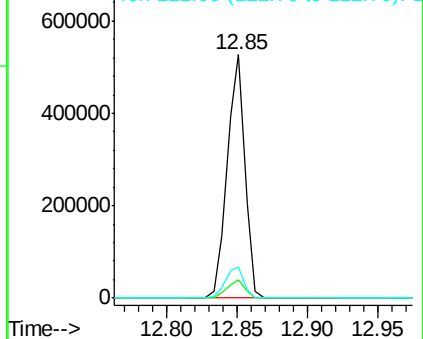
122 12.7 10.3 15.5

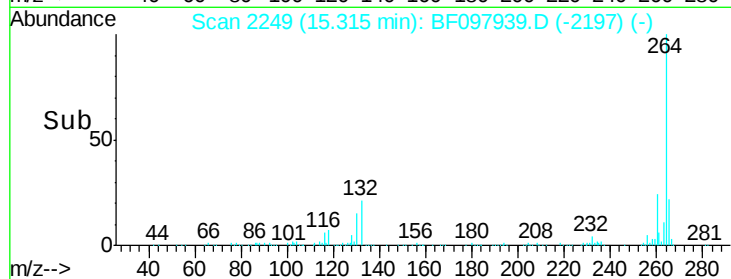
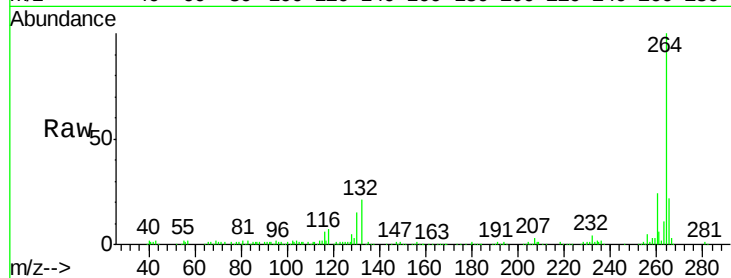
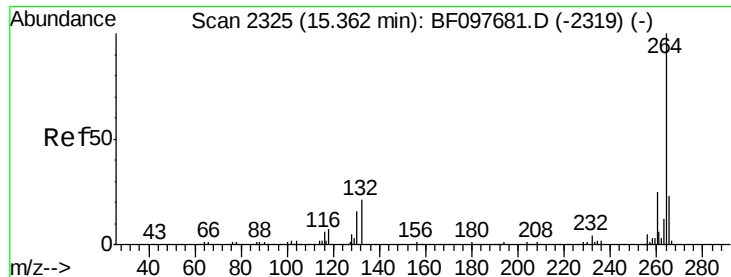


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 15.32 min Scan# 2249
 Delta R.T. 0.01 min
 Lab File: BF097939.D
 Acq: 22 Aug 2017 7:34

Instrument :
 BNA_F
 ClientSampleId :
 SB-11-COMP

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.5	29.3
265	21.9	17.2	25.8

