

Data Path : Z:\HPCHEM1\BNA F\DATA\BF082117\
 Data File : BF097933.D
 Acq On : 22 Aug 2017 4:13
 Operator : SJ/JU
 Sample : I4881-03
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RWB-9

Quant Time: Aug 22 04:44:45 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

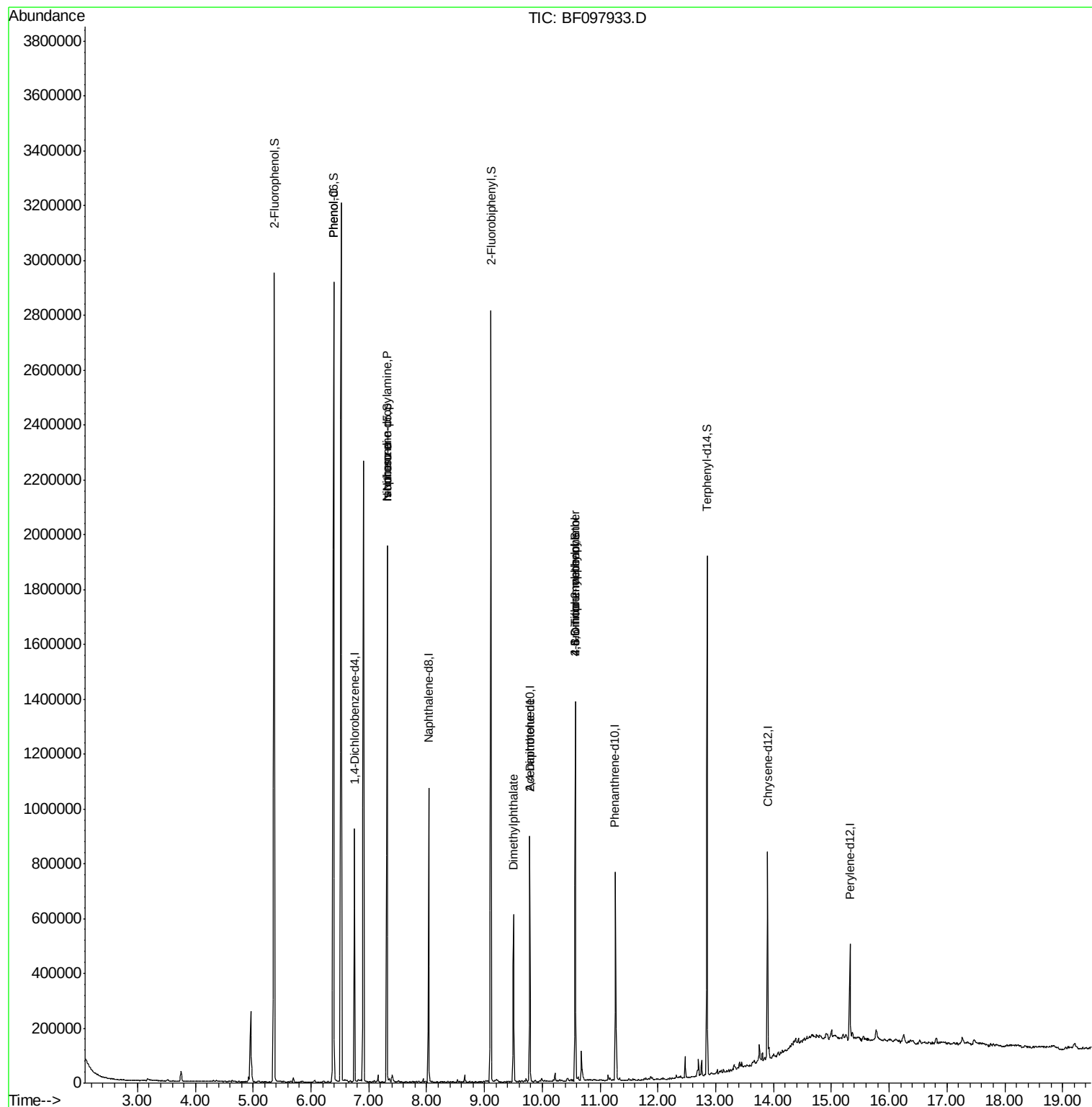
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	115084	20.00	ng	0.00
21) Naphthalene-d8	8.03	136	419520	20.00	ng	0.00
38) Acenaphthene-d10	9.79	164	156681	20.00	ng	0.00
63) Phenanthrene-d10	11.27	188	271450	20.00	ng	0.00
75) Chrysene-d12	13.90	240	226100	20.00	ng	0.00
86) Perylene-d12	15.32	264	152406	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	940994	124.37	ng	0.01
7) Phenol-d6	6.39	99	1229381	119.59	ng	0.00
23) Nitrobenzene-d5	7.32	82	684654	88.66	ng	0.00
41) 2,4,6-Tribromophenol	10.57	330	148779	109.44	ng	0.00
44) 2-Fluorobiphenyl	9.11	172	804432	75.43	ng	0.00
78) Terphenyl-d14	12.85	244	535698	49.41	ng	0.00
Target Compounds						
10) Phenol	6.40	94	53965	4.49	ng	Qvalue 99
19) n-Nitroso-di-n-propylamine	7.32	70	93582	13.30	ng	# 70
25) Isophorone	7.32	82	676924	42.16	ng	# 67
49) Dimethylphthalate	9.50	163	196620	17.17	ng	98
56) 2,4-Dinitrotoluene	9.79	165	20165	7.03	ng	# 33
64) 4,6-Dinitro-2-methylphenol	10.57	198	326	8.53	ng	# 1
66) 4-Bromophenyl-phenylether	10.57	248	10647	3.78	ng	# 1

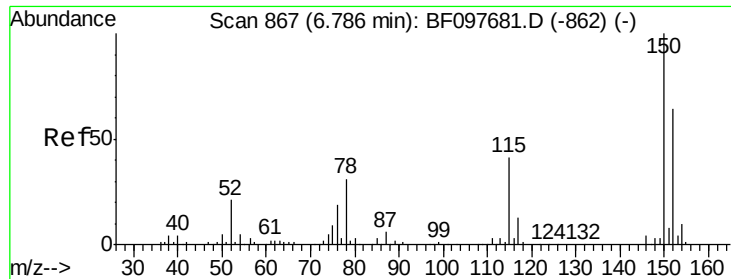
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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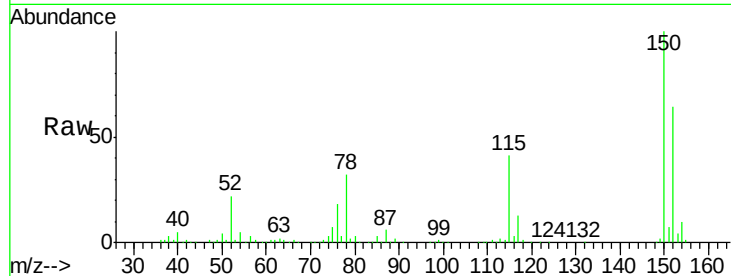


#1

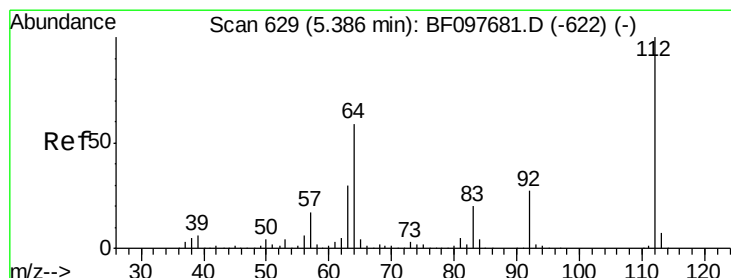
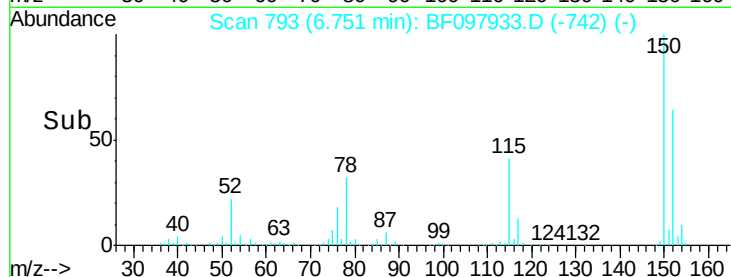
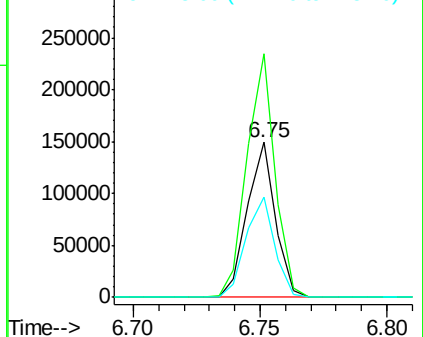
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.75 min Scan# 793
Delta R.T. 0.00 min
Lab File: BF097933.D
Acq: 22 Aug 2017 4:13

Instrument :
BNA_F
ClientSampleId :
RWB-9

Tot Ion:152 Resp: 115084
Ion Ratio Lower Upper
152 100
150 157.0 126.2 189.2
115 64.8 52.2 78.2



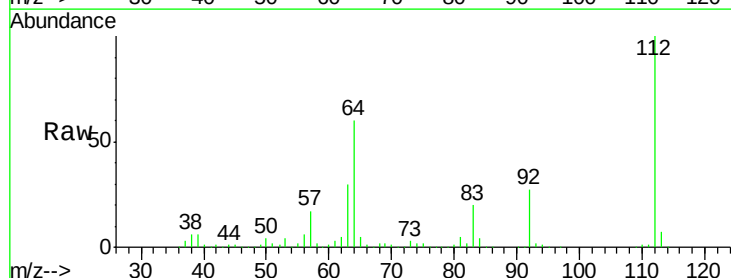
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



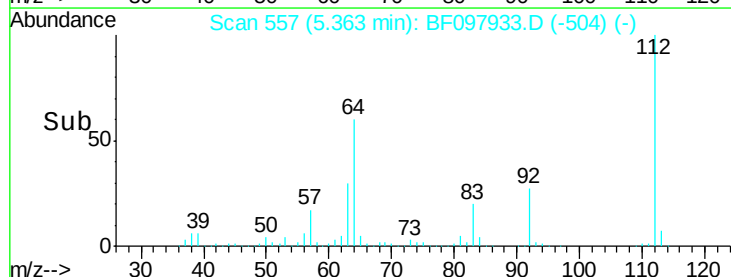
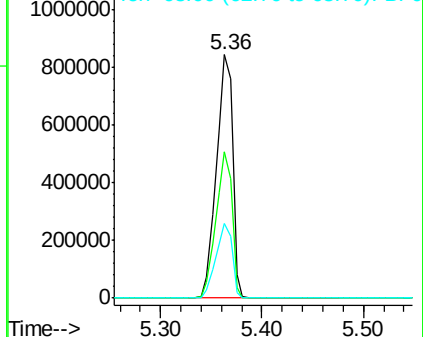
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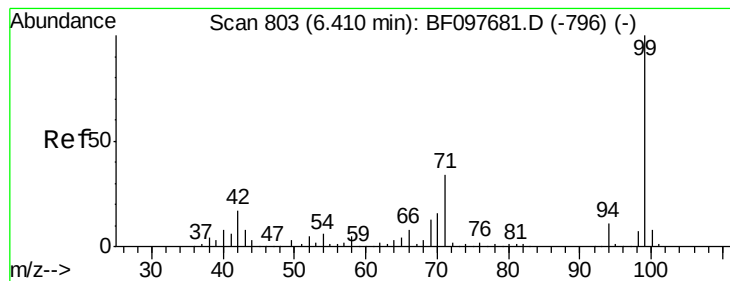
2-Fluorophenol
Concen: 124.37 ng
RT: 5.36 min Scan# 557
Delta R.T. 0.01 min
Lab File: BF097933.D
Acq: 22 Aug 2017 4:13

Tgt Ion:112 Resp: 940994
Ion Ratio Lower Upper
112 100
64 60.1 46.0 69.0
63 30.4 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: 119.59 ng

RT: 6.39 min Scan# 732

Delta R.T. 0.01 min

Lab File: BF097933.D

Acq: 22 Aug 2017 4:13

Instrument :

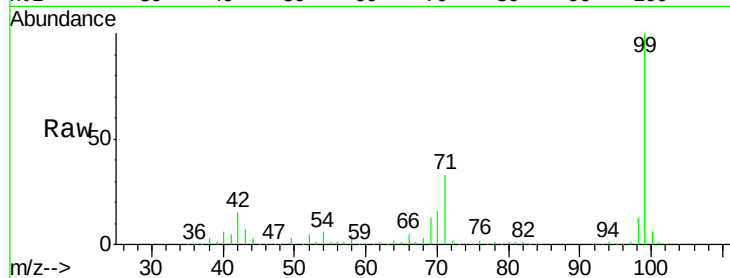
BNA_F

ClientSampled :

RWB-9

Tot Ion: 99 Resp: 1229381

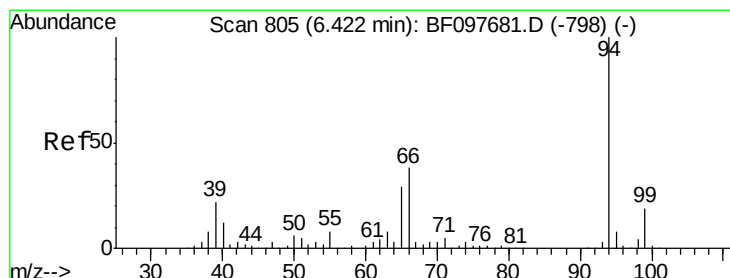
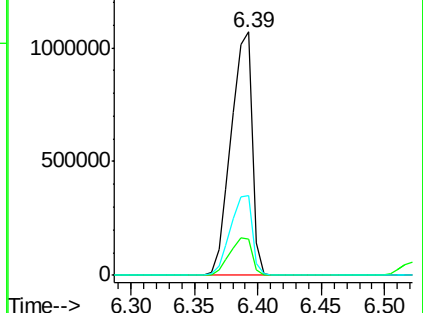
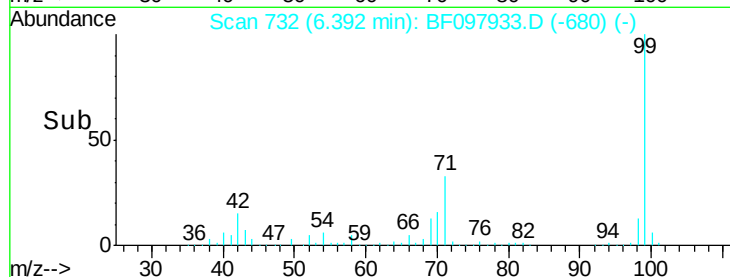
Ion	Ratio	Lower	Upper
99	100		
42	15.1	13.5	20.3
71	32.9	24.5	36.7



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: 4.49 ng

RT: 6.40 min Scan# 733

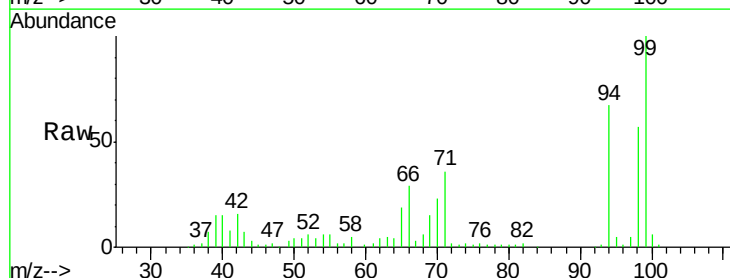
Delta R.T. 0.00 min

Lab File: BF097933.D

Acq: 22 Aug 2017 4:13

Tgt Ion: 94 Resp: 53965

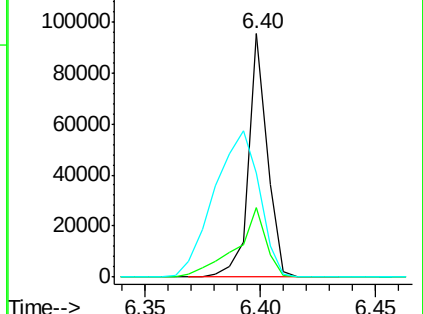
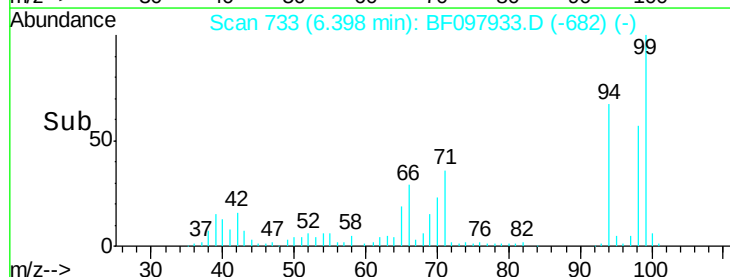
Ion	Ratio	Lower	Upper
94	100		
65	28.8	9.9	49.9
66	43.0	23.1	63.1

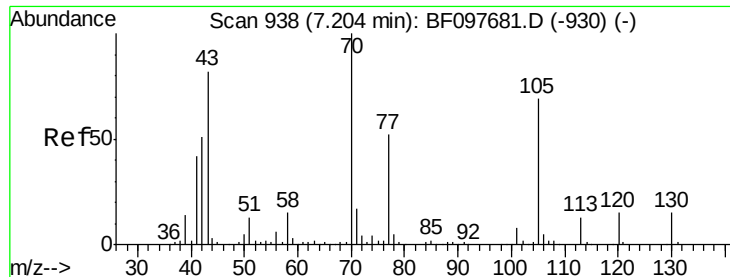


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

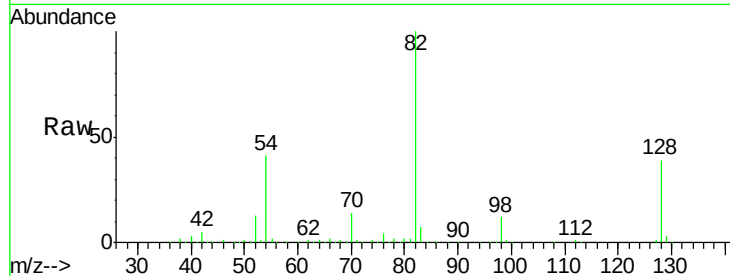




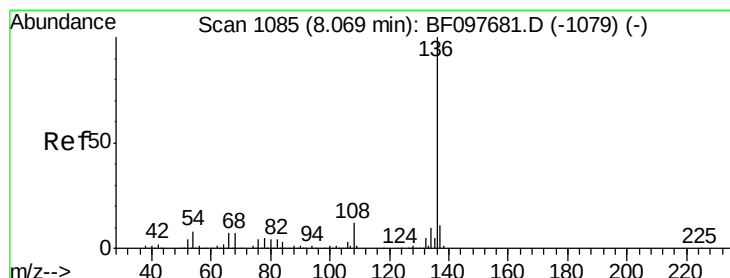
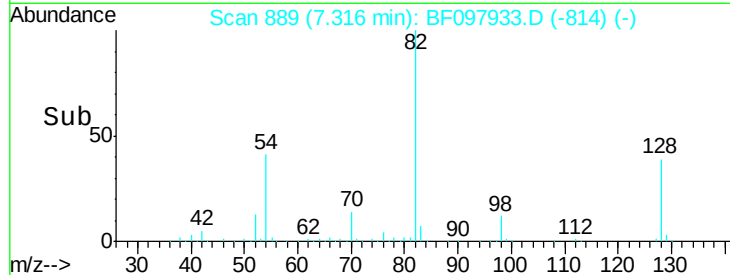
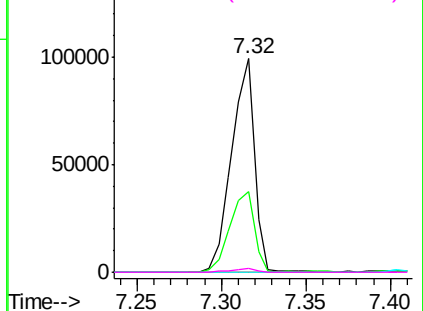
#19
n-Nitroso-di-n-propylamine
Concen: 13.30 ng
RT: 7.32 min Scan# 889
Delta R.T. 0.14 min
Lab File: BF097933.D
Acq: 22 Aug 2017 4:13

Instrument :
BNA_F
ClientSampleId :
RWB-9

Tot Ion: 70 Resp: 93582
Ion Ratio Lower Upper
70 100
42 38.0 47.2 70.8#
101 0.0 7.2 10.8#
130 1.9 15.9 23.9#

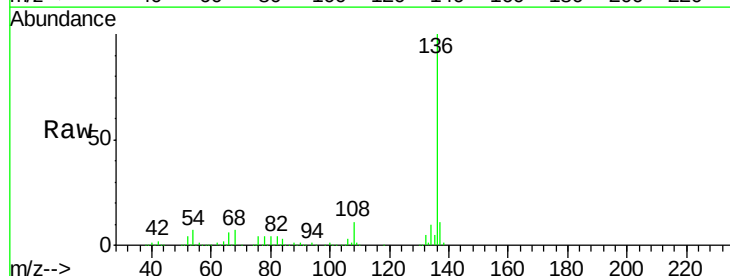


Abundance Ion 70.00 (69.70 to 70.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

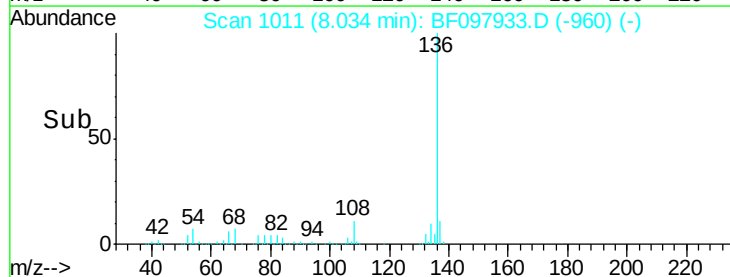
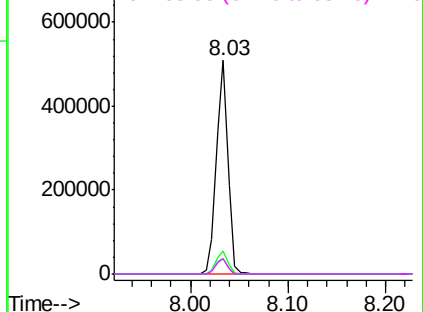


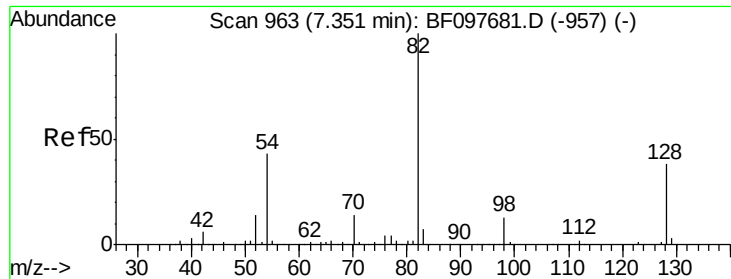
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.03 min Scan# 1011
Delta R.T. 0.00 min
Lab File: BF097933.D
Acq: 22 Aug 2017 4:13

Tgt Ion: 136 Resp: 419520
Ion Ratio Lower Upper
136 100
137 11.0 8.5 12.7
54 7.3 4.9 7.3
68 7.3 4.1 6.1#



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

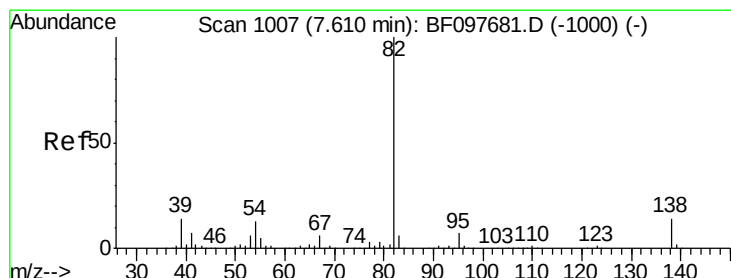
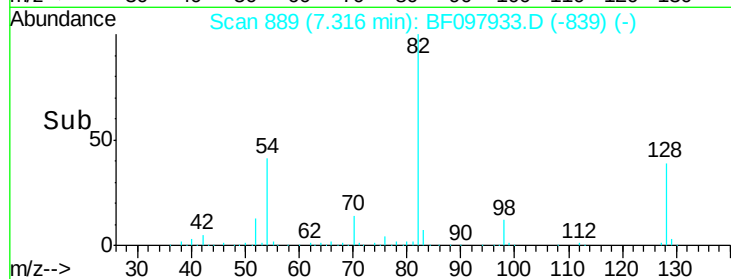
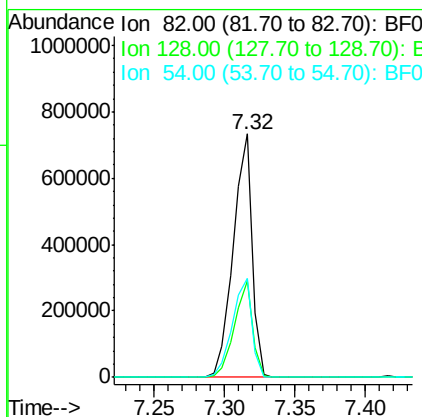
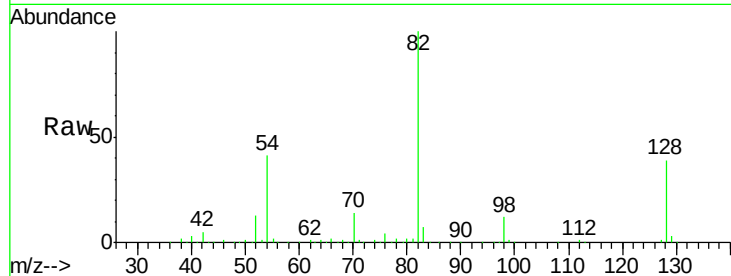




#23
 Nitrobenzene-d5
 Concen: 88.66 ng
 RT: 7.32 min Scan# 889
 Delta R.T. -0.01 min
 Lab File: BF097933.D
 Acq: 22 Aug 2017 4:13

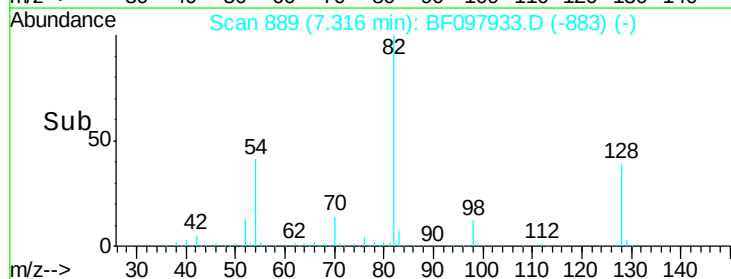
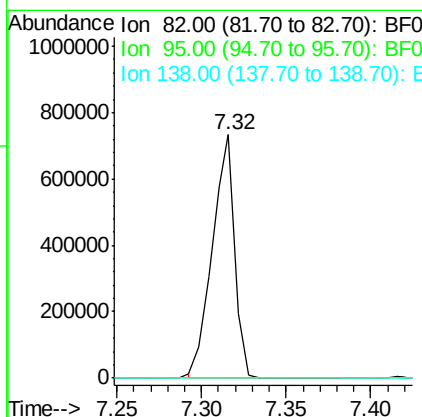
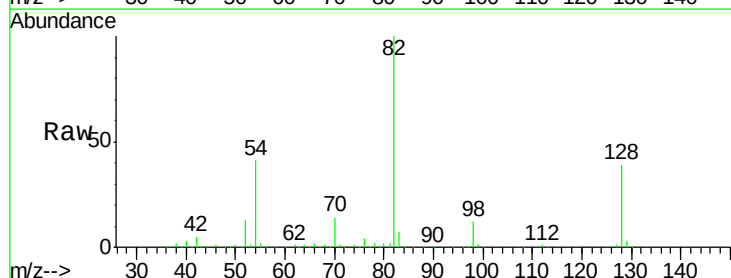
Instrument :
 BNA_F
 ClientSampleID :
 RWB-9

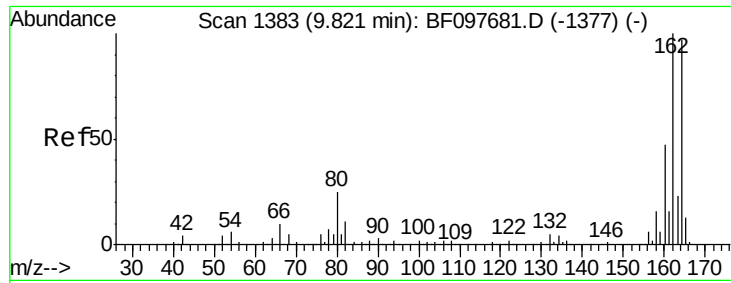
Tot Ion	Ratio	Lower	Upper
82	100		
128	39.5	34.0	51.0
54	40.6	42.2	63.2#



#25
 Isophorone
 Concen: 42.16 ng
 RT: 7.32 min Scan# 889
 Delta R.T. -0.26 min
 Lab File: BF097933.D
 Acq: 22 Aug 2017 4:13

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

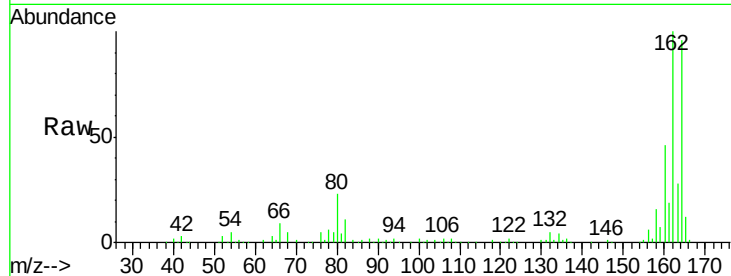




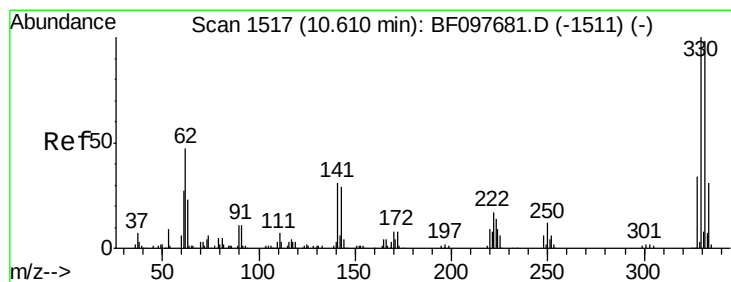
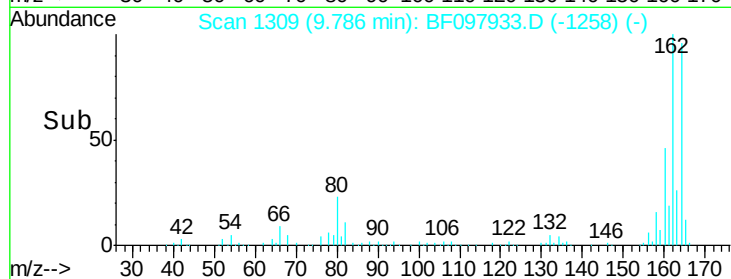
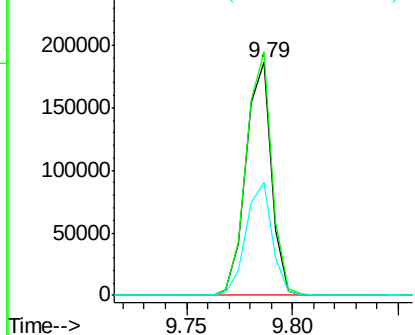
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.79 min Scan# 1309
 Delta R.T. 0.00 min
 Lab File: BF097933.D
 Acq: 22 Aug 2017 4:13

Instrument :
 BNA_F
 ClientSampled :
 RWB-9

Tot Ion:164 Resp: 156681
 Ion Ratio Lower Upper
 164 100
 162 104.4 82.6 123.8
 160 48.5 36.2 54.2

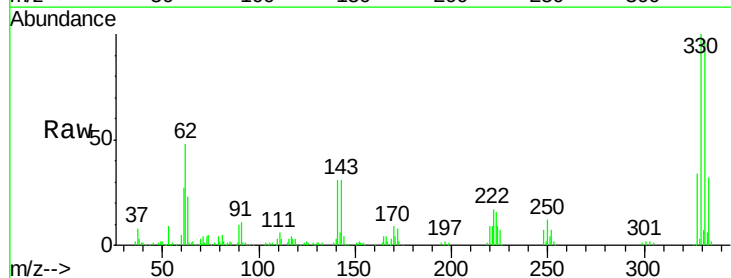


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

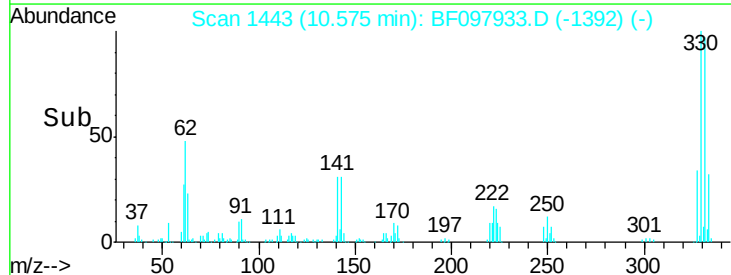
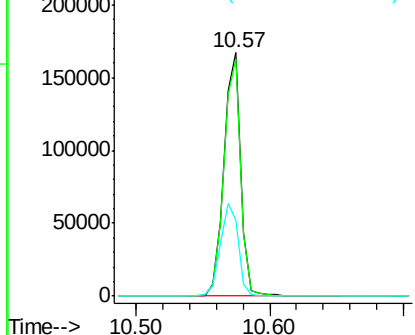


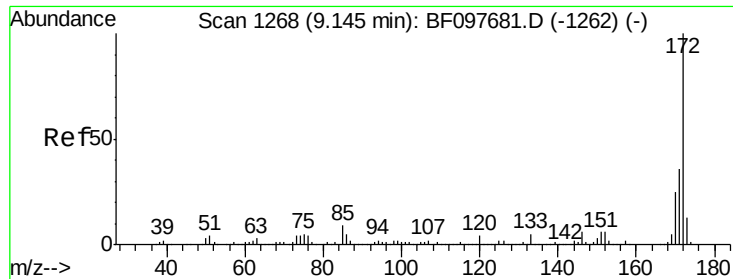
#41
 2,4,6-Tribromophenol
 Concen: 109.44 ng
 RT: 10.57 min Scan# 1443
 Delta R.T. 0.00 min
 Lab File: BF097933.D
 Acq: 22 Aug 2017 4:13

Tgt Ion:330 Resp: 148779
 Ion Ratio Lower Upper
 330 100
 332 97.5 76.6 115.0
 141 40.8 31.4 47.2



Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

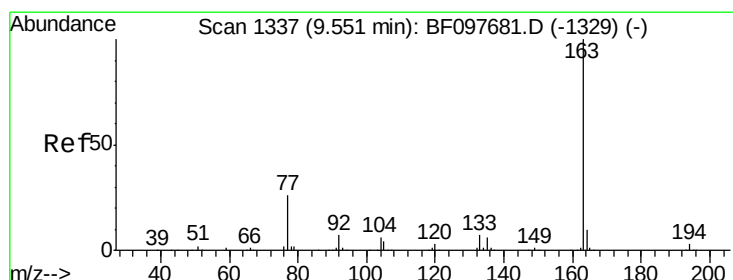
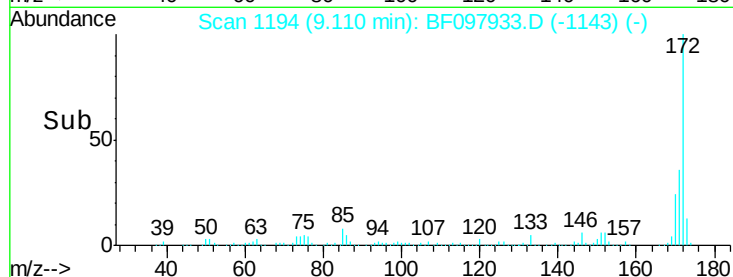
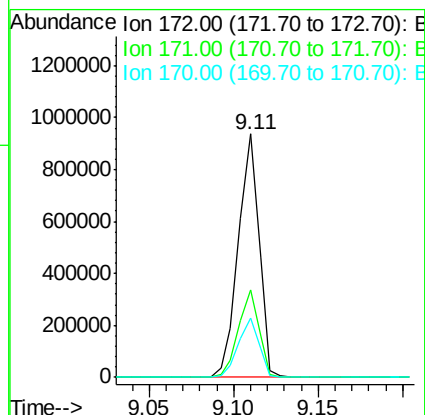
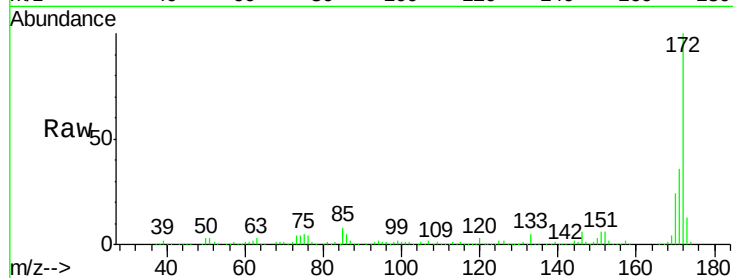




#44
2-Fluorobiphenyl
Concen: 75.43 ng
RT: 9.11 min Scan# 1194
Delta R.T. 0.00 min
Lab File: BF097933.D
Acq: 22 Aug 2017 4:13

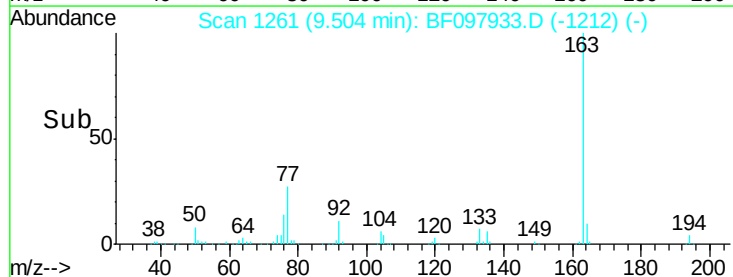
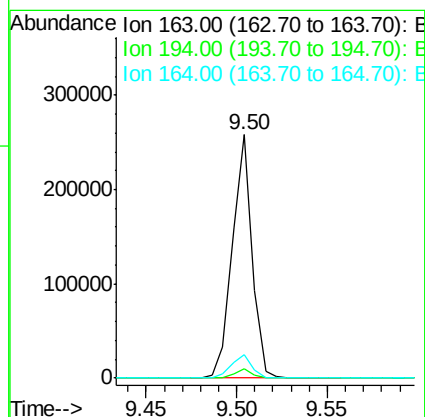
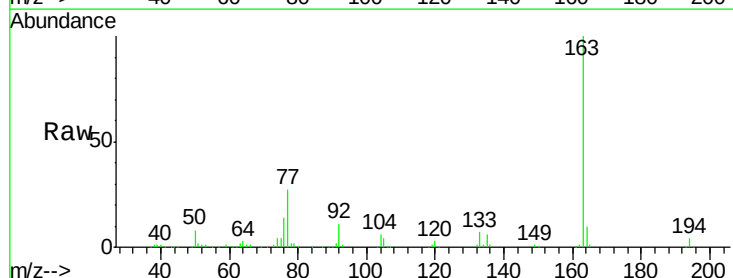
Instrument :
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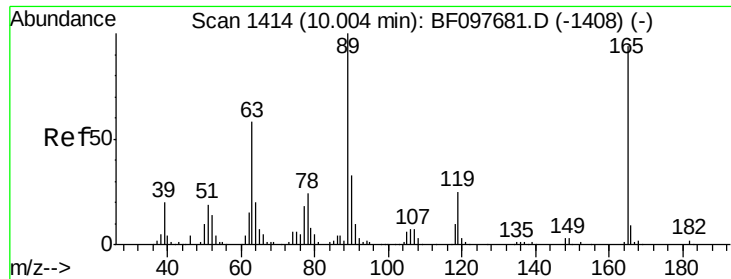
Tot Ion:172 Resp: 804432
Ion Ratio Lower Upper
172 100
171 35.7 29.6 44.4
170 24.2 19.8 29.8



#49
Dimethylphthalate
Concen: 17.17 ng
RT: 9.50 min Scan# 1261
Delta R.T. -0.01 min
Lab File: BF097933.D
Acq: 22 Aug 2017 4:13

Tgt Ion:163 Resp: 196620
Ion Ratio Lower Upper
163 100
194 3.7 2.6 4.0
164 9.8 8.4 12.6

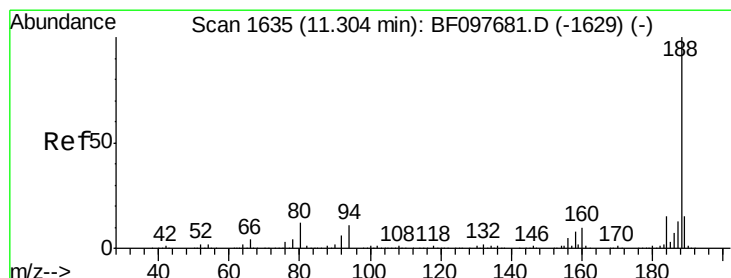
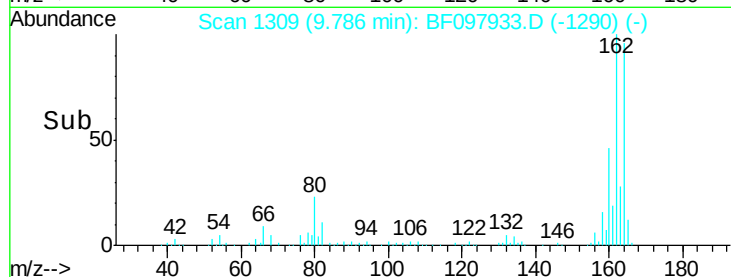
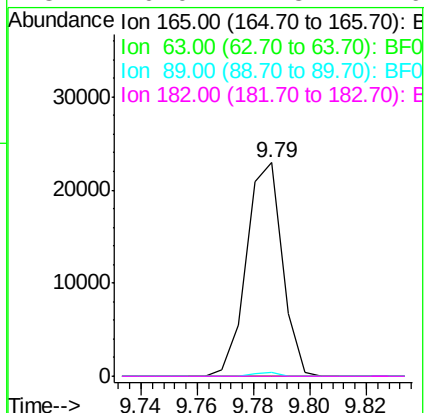
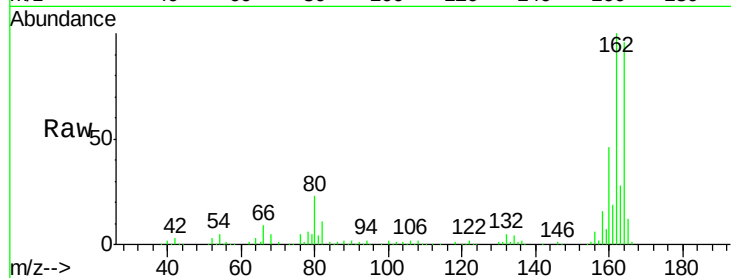




#56
 2,4-Dinitrotoluene
 Concen: 7.03 ng
 RT: 9.79 min Scan# 1309
 Delta R.T. -0.19 min
 Lab File: BF097933.D
 Acq: 22 Aug 2017 4:13

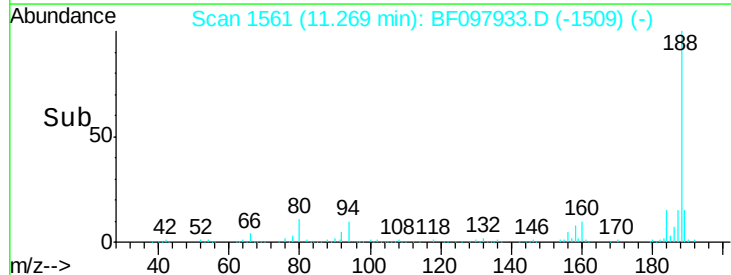
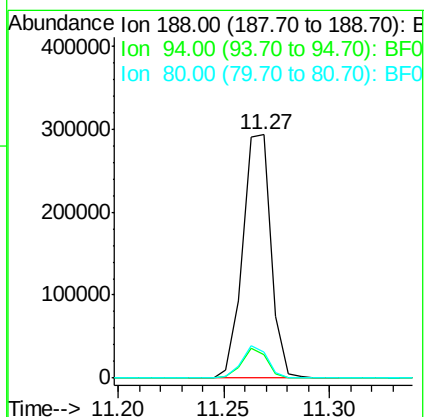
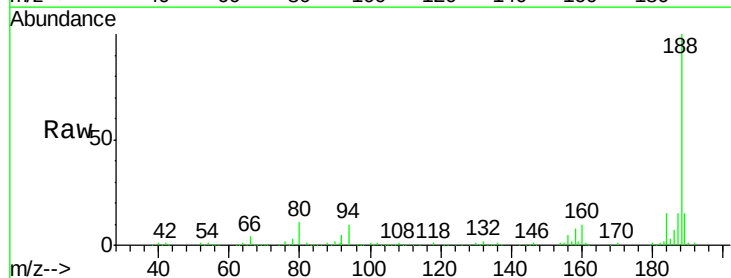
Instrument :
 BNA_F
 ClientSampleId :
 RWB-9

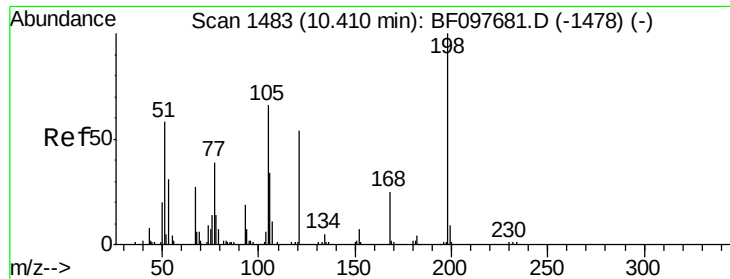
Tot Ion:165	Resp:	20165
Ion Ratio	Lower	Upper
165	100	
63	0.0	25.4 38.0#
89	1.9	46.4 69.6#
182	0.0	1.8 2.6#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.27 min Scan# 1561
 Delta R.T. 0.01 min
 Lab File: BF097933.D
 Acq: 22 Aug 2017 4:13

Tgt Ion:188	Resp:	271450
Ion Ratio	Lower	Upper
188	100	
94	9.9	9.4 14.2
80	10.6	10.2 15.2

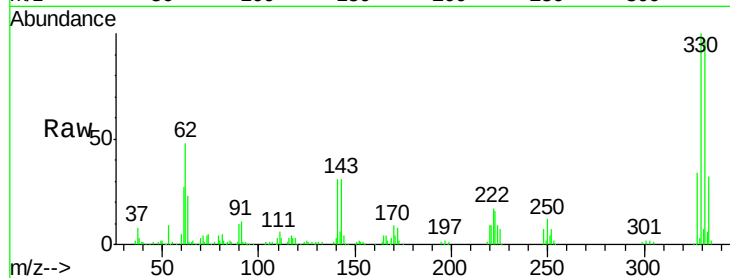




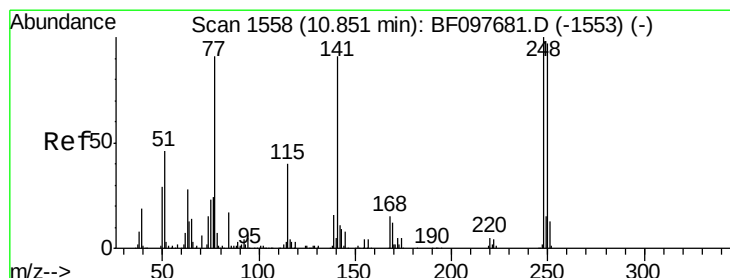
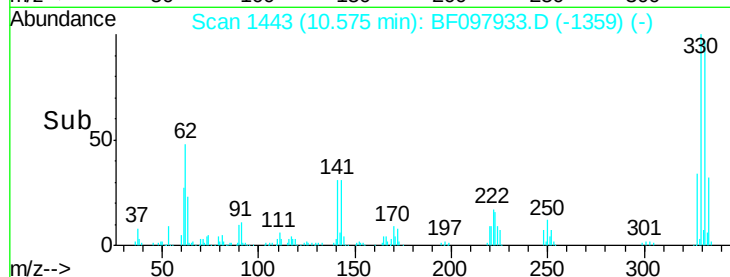
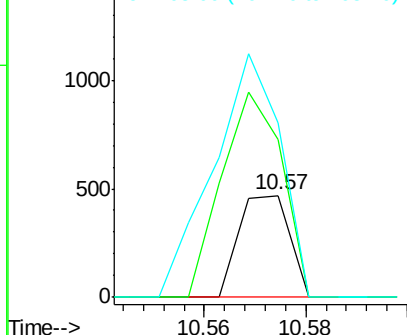
#64
 4,6-Dinitro-2-methylphenol
 Concen: 8.53 ng
 RT: 10.57 min Scan# 1443
 Delta R.T. 0.19 min
 Lab File: BF097933.D
 Acq: 22 Aug 2017 4:13

Instrument :
 BNA_F
 ClientSampled :
 RWB-9

Tot Ion:198 Resp: 326
 Ion Ratio Lower Upper
 198 100
 51 154.7 53.2 93.2#
 105 170.9 45.8 85.8#

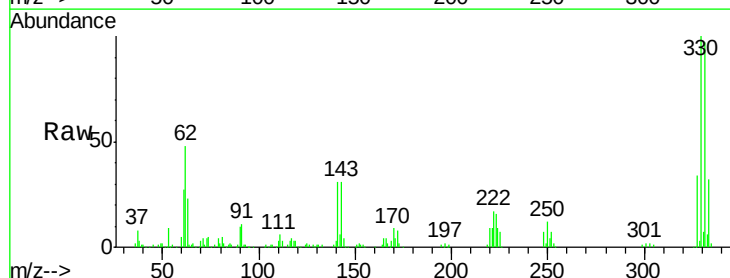


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF0
 Ion 105.00 (104.70 to 105.70): E

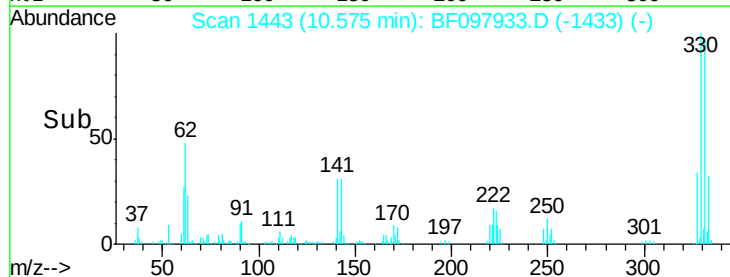
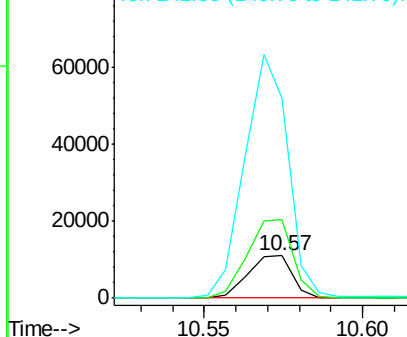


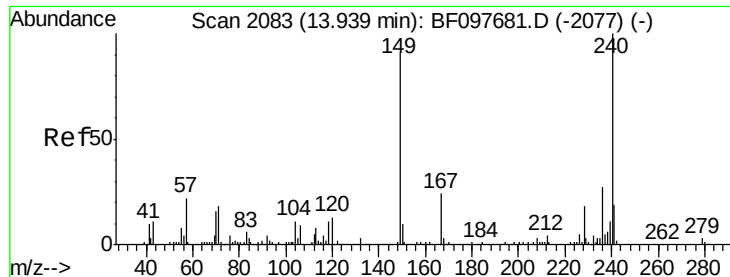
#66
 4-Bromophenyl-phenylether
 Concen: 3.78 ng
 RT: 10.57 min Scan# 1443
 Delta R.T. -0.24 min
 Lab File: BF097933.D
 Acq: 22 Aug 2017 4:13

Tgt Ion:248 Resp: 10647
 Ion Ratio Lower Upper
 248 100
 250 186.3 76.8 115.2#
 141 474.9 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# 2008

Delta R.T. 0.00 min

Lab File: BF097933.D

Acq: 22 Aug 2017 4:13

Instrument :

BNA_F

ClientSampleId :

RWB-9

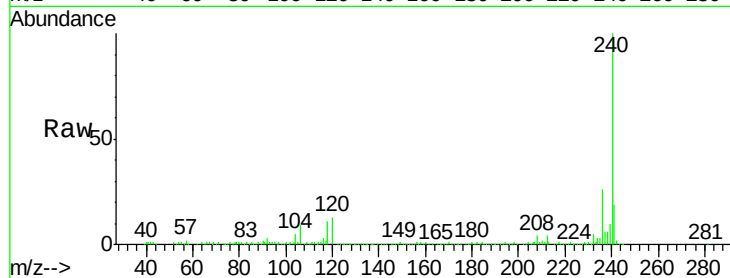
Tot Ion:240 Resp: 226100

Ion Ratio Lower Upper

240 100

120 13.0 5.8 8.8#

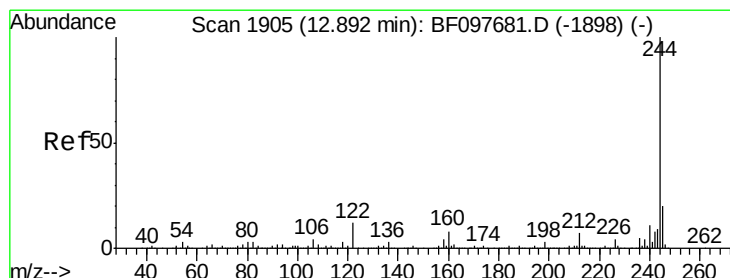
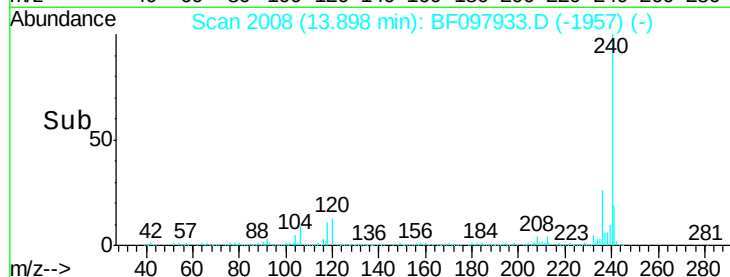
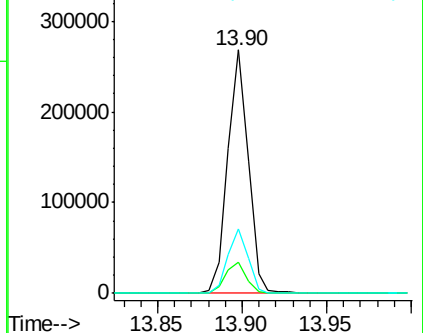
236 26.4 20.5 30.7



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: 49.41 ng

RT: 12.85 min Scan# 1830

Delta R.T. 0.00 min

Lab File: BF097933.D

Acq: 22 Aug 2017 4:13

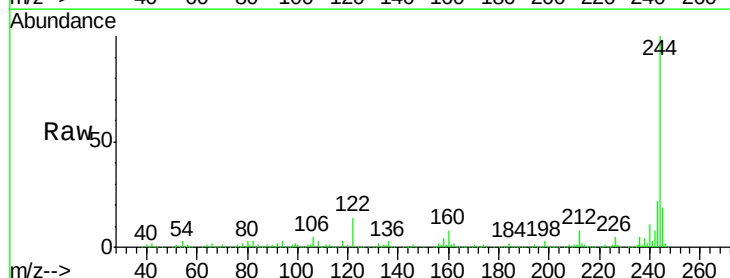
Tgt Ion:244 Resp: 535698

Ion Ratio Lower Upper

244 100

212 7.8 6.0 9.0

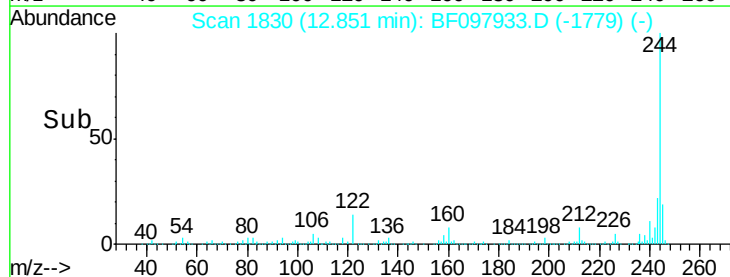
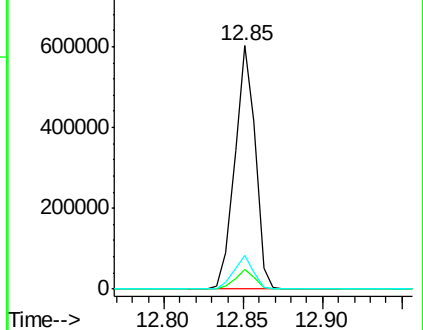
122 13.9 10.3 15.5

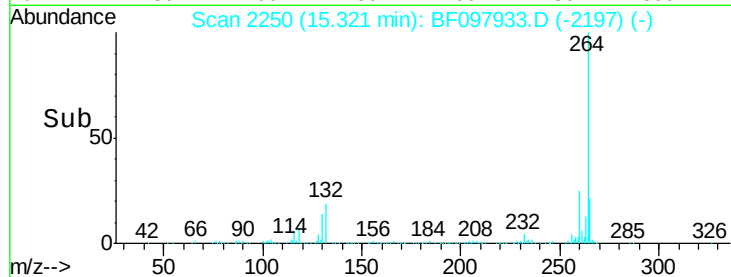
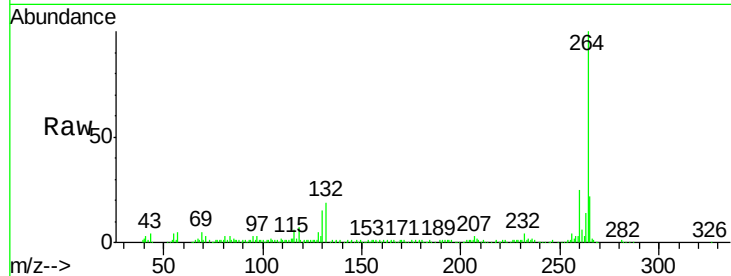
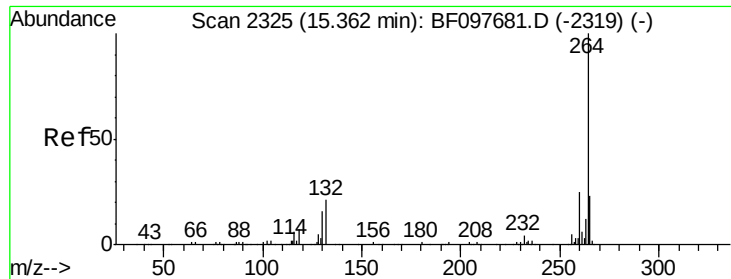


Abundance Ion 244.00 (243.70 to 244.70): E

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# 2250
Delta R.T. 0.01 min
Lab File: BF097933.D
Acq: 22 Aug 2017 4:13

Instrument :
BNA_F
ClientSampleId :
RWB-9

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.5	29.3
265	21.6	17.2	25.8

