

Data Path : Z:\HPCHEM1\BNA F\DATA\BF082417\
 Data File : BF098015.D
 Acq On : 24 Aug 2017 21:26
 Operator : SJ/JU
 Sample : I4925-12
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RWB-5

Quant Time: Aug 25 01:03:00 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

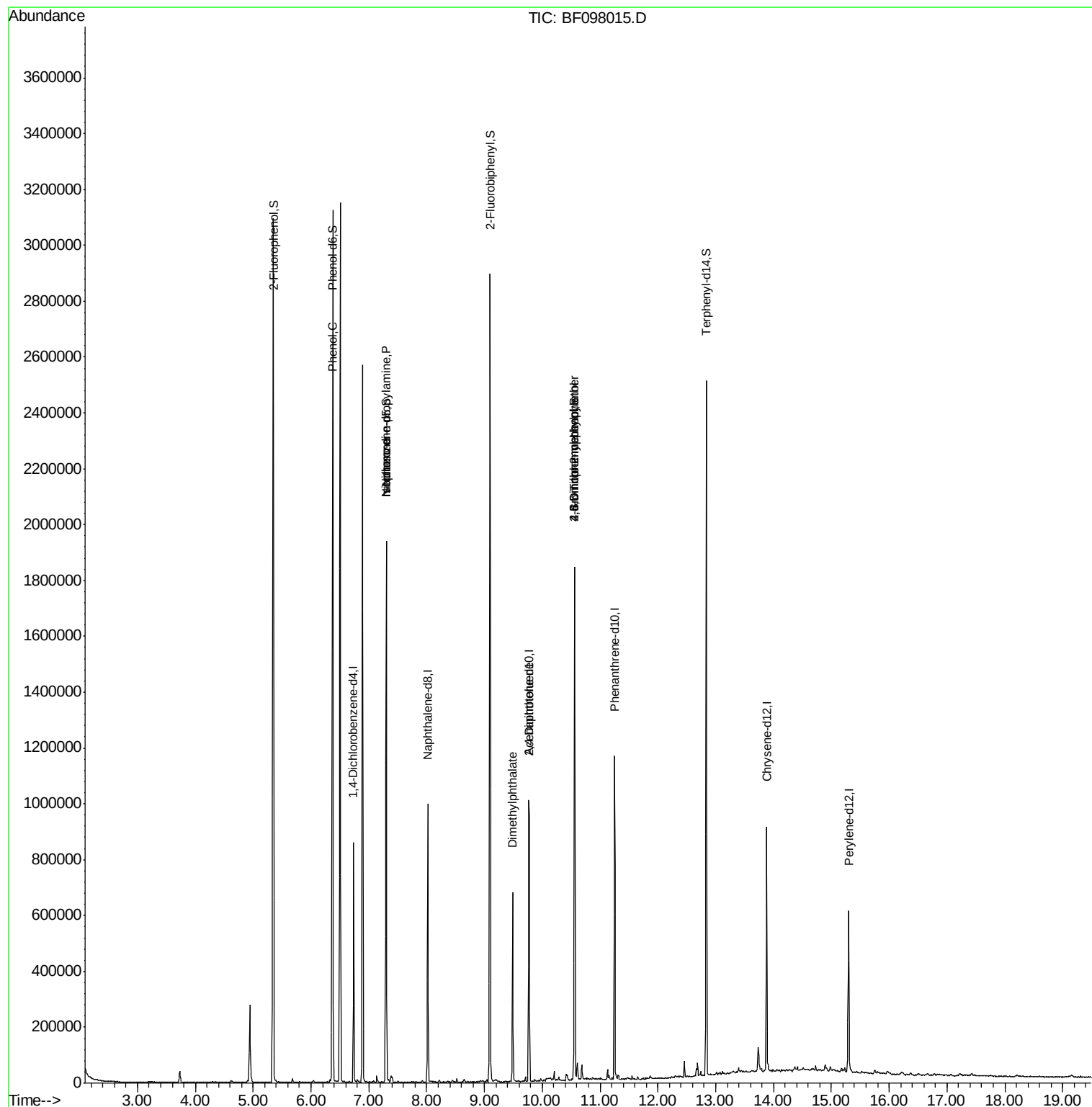
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	117263	20.00	ng	-0.02
21) Naphthalene-d8	8.02	136	461998	20.00	ng	-0.01
38) Acenaphthene-d10	9.77	164	197197	20.00	ng	-0.02
63) Phenanthrene-d10	11.25	188	380687	20.00	ng	-0.01
75) Chrysene-d12	13.88	240	273416	20.00	ng	-0.02
86) Perylene-d12	15.30	264	240810	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	1023347	132.74	ng	0.00
7) Phenol-d6	6.37	99	1387747	132.49	ng	-0.01
23) Nitrobenzene-d5	7.30	82	782300	91.99	ng	-0.02
41) 2,4,6-Tribromophenol	10.56	330	222752	130.19	ng	-0.01
44) 2-Fluorobiphenyl	9.10	172	912775	68.01	ng	-0.01
78) Terphenyl-d14	12.84	244	741218	56.53	ng	-0.01
Target Compounds						
10) Phenol	6.39	94	34628	2.83	ng	Qvalue 92
19) n-Nitroso-di-n-propylamine	7.30	70	105146	14.66	ng	# 70
25) Isophorone	7.30	82	762929	43.14	ng	# 67
49) Dimethylphthalate	9.49	163	235992	16.37	ng	99
56) 2,4-Dinitrotoluene	9.77	165	25190	6.98	ng	# 33
64) 4,6-Dinitro-2-methylphenol	10.56	198	399	8.50	ng	# 1
66) 4-Bromophenyl-phenylether	10.56	248	14874	3.76	ng	# 1

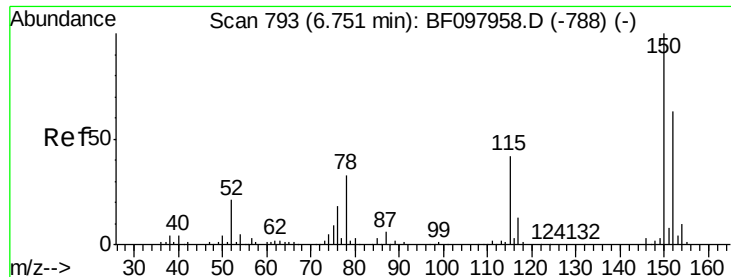
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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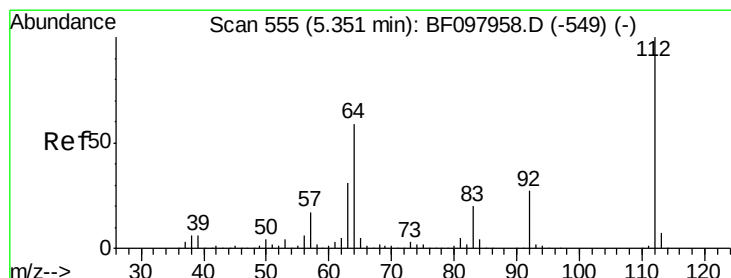
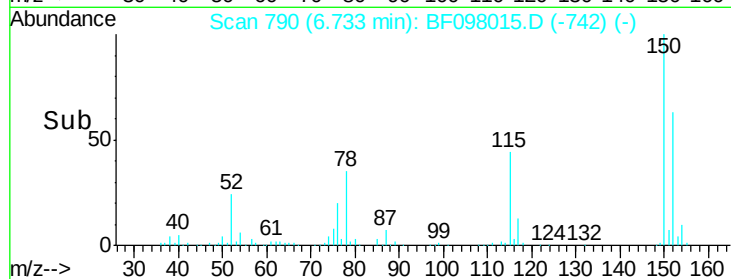
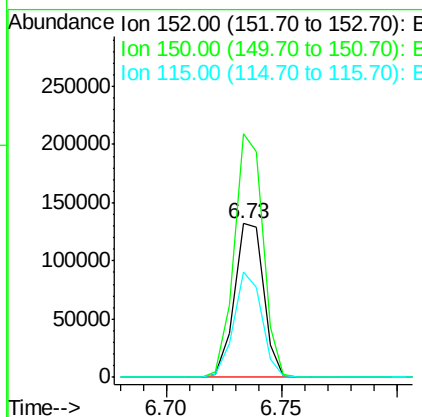
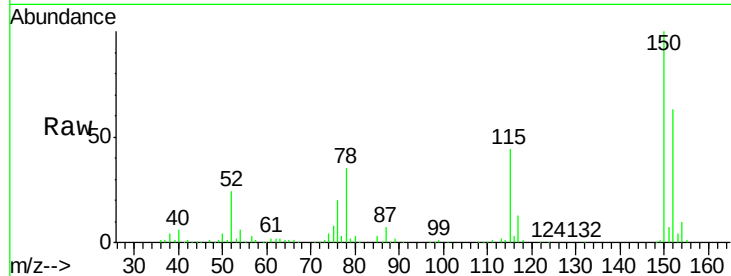


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.73 min Scan# 790
Delta R.T. -0.02 min
Lab File: BF098015.D
Acq: 24 Aug 2017 21:26

Instrument :
BNA_F
ClientSampleId :
RWB-5

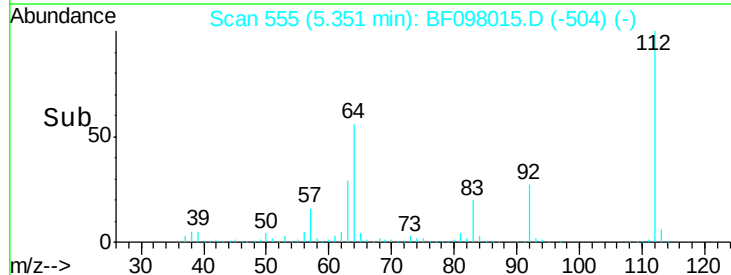
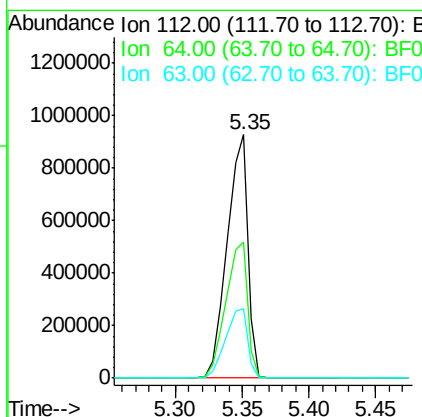
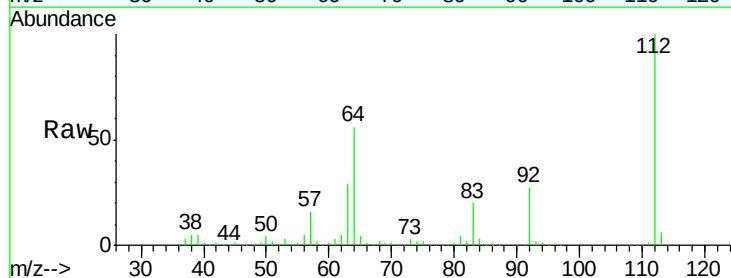
Tot Ion:152 Resp: 117263
Ion Ratio Lower Upper
152 100
150 158.2 126.2 189.2
115 68.8 52.2 78.2

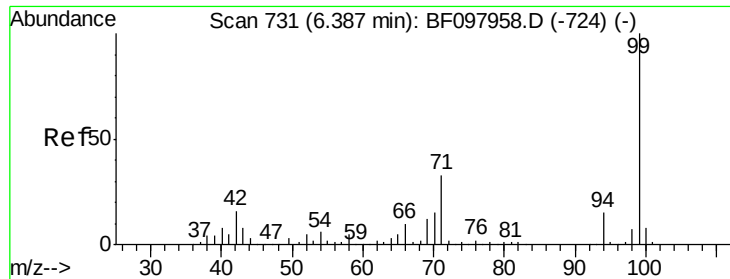


#5

2-Fluorophenol
Concen: 132.74 ng
RT: 5.35 min Scan# 555
Delta R.T. -0.00 min
Lab File: BF098015.D
Acq: 24 Aug 2017 21:26

Tgt Ion:112 Resp: 1023347
Ion Ratio Lower Upper
112 100
64 55.9 46.0 69.0
63 28.8 23.4 35.0





#7

Phenol-d6

Concen: 132.49 ng

RT: 6.37 min Scan# 729

Delta R.T. -0.01 min

Lab File: BF098015.D

Acq: 24 Aug 2017 21:26

Instrument :

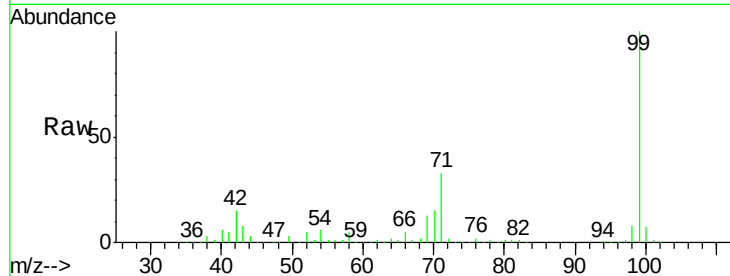
BNA_F

ClientSampled :

RWB-5

Tot Ion: 99 Resp: 1387747

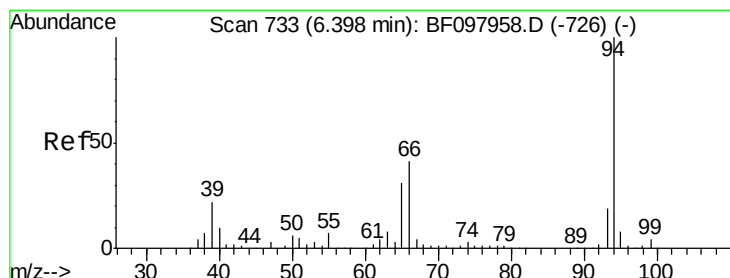
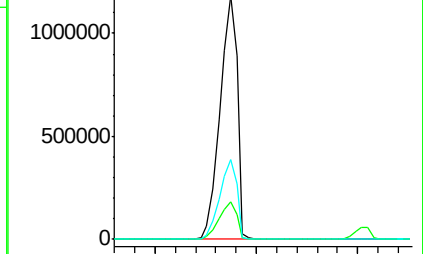
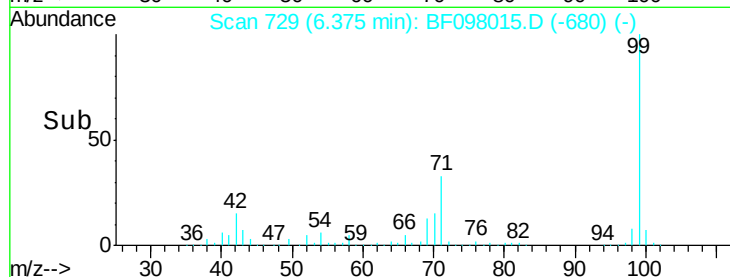
Ion	Ratio	Lower	Upper
99	100		
42	15.4	13.5	20.3
71	32.8	24.5	36.7



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: 2.83 ng

RT: 6.39 min Scan# 731

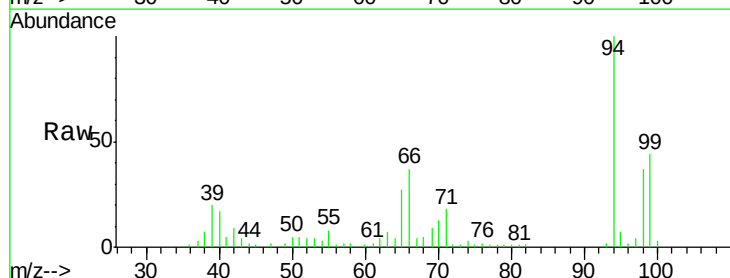
Delta R.T. -0.01 min

Lab File: BF098015.D

Acq: 24 Aug 2017 21:26

Tgt Ion: 94 Resp: 34628

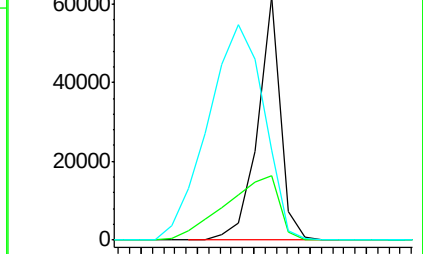
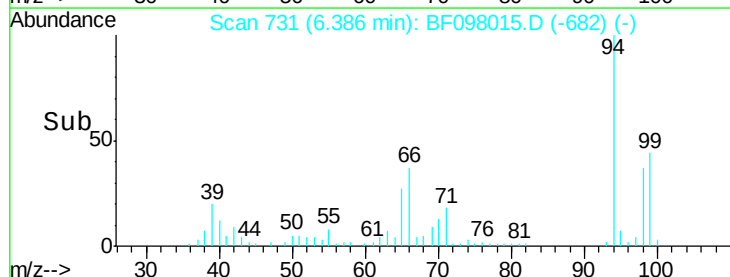
Ion	Ratio	Lower	Upper
94	100		
65	26.6	9.9	49.9
66	36.9	23.1	63.1

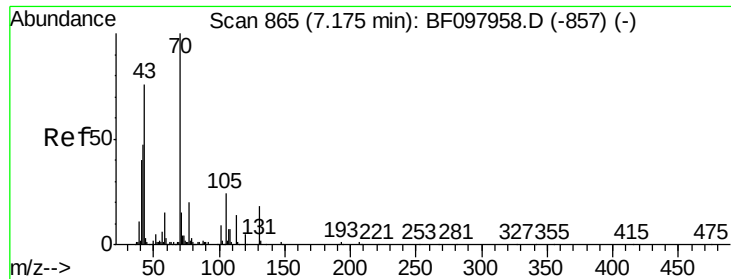


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

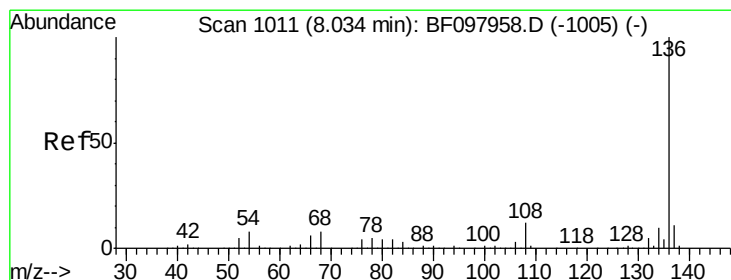
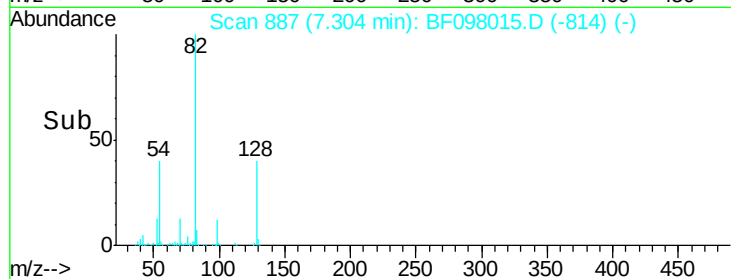
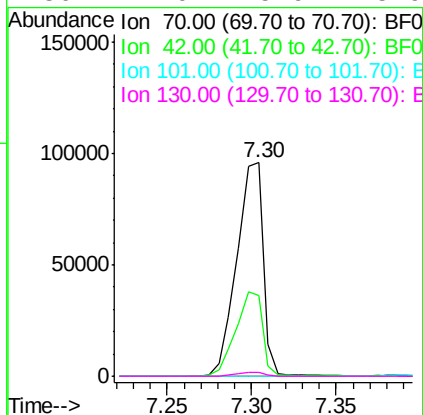
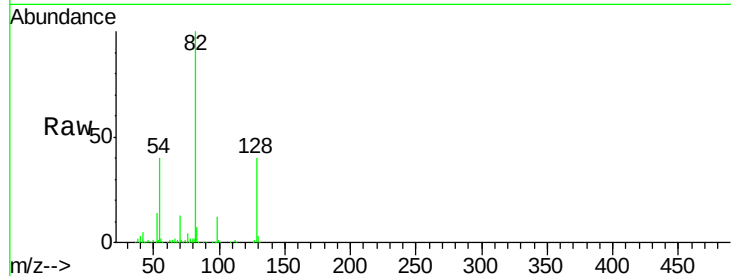




#19
n-Nitroso-di-n-propylamine
Concen: 14.66 ng
RT: 7.30 min Scan# 887
Delta R.T. 0.13 min
Lab File: BF098015.D
Acq: 24 Aug 2017 21:26

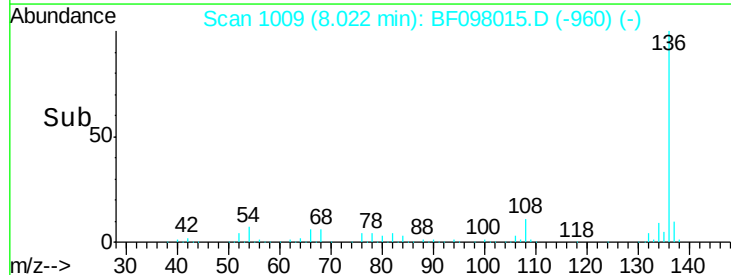
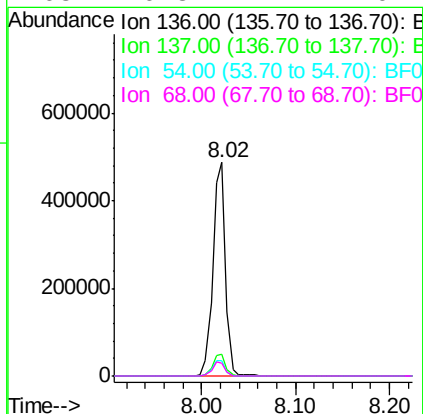
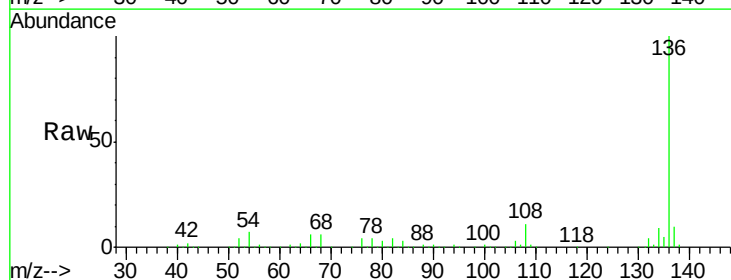
Instrument :
BNA_F
ClientSampleId :
RWB-5

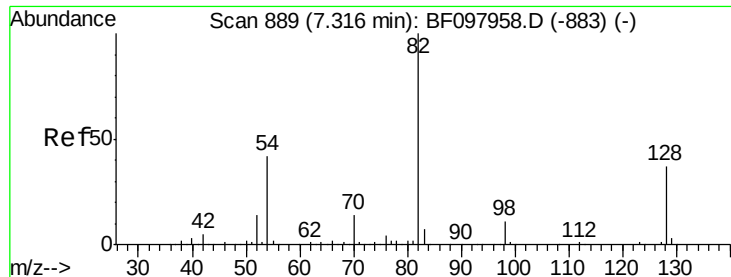
Tot Ion:	70	Resp:	105146
Ion	Ratio	Lower	Upper
70	100		
42	37.6	47.2	70.8#
101	0.0	7.2	10.8#
130	2.0	15.9	23.9#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.02 min Scan# 1009
Delta R.T. -0.01 min
Lab File: BF098015.D
Acq: 24 Aug 2017 21:26

Tgt Ion:	136	Resp:	461998
Ion	Ratio	Lower	Upper
136	100		
137	10.3	8.5	12.7
54	7.0	4.9	7.3
68	6.3	4.1	6.1#

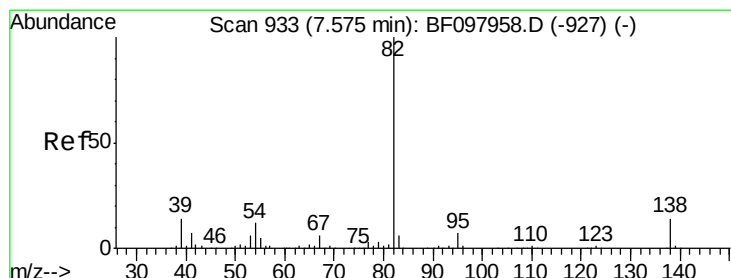
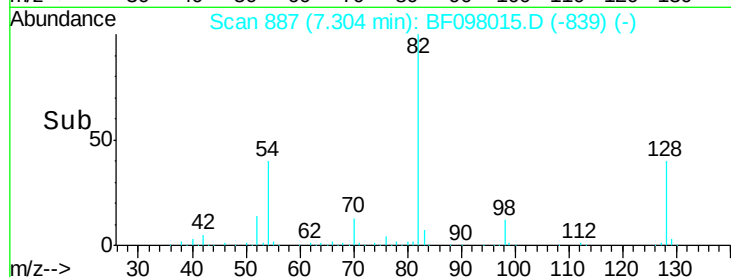
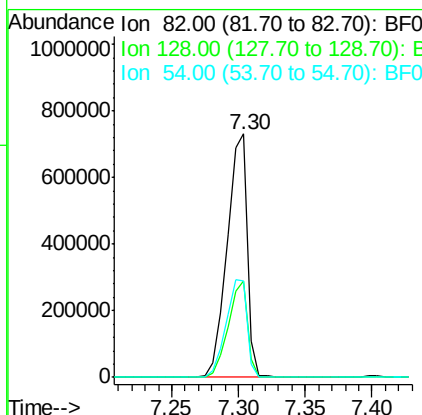
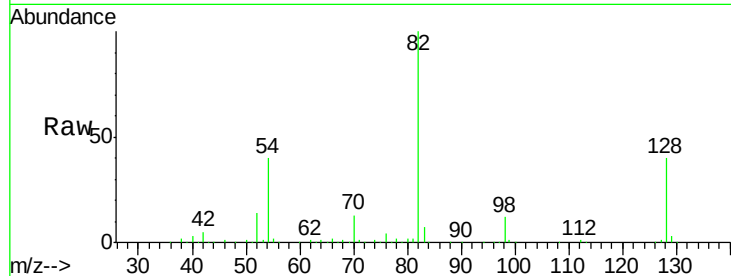




#23
 Nitrobenzene-d5
 Concen: 91.99 ng
 RT: 7.30 min Scan# 887
 Delta R.T. -0.02 min
 Lab File: BF098015.D
 Acq: 24 Aug 2017 21:26

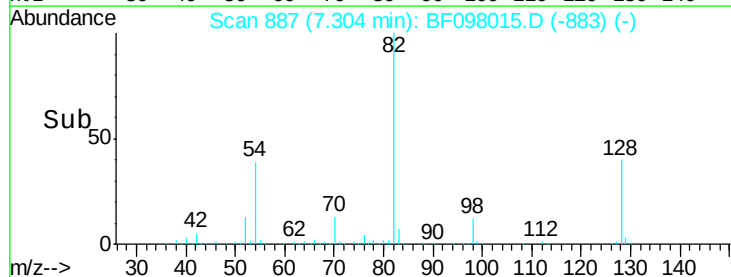
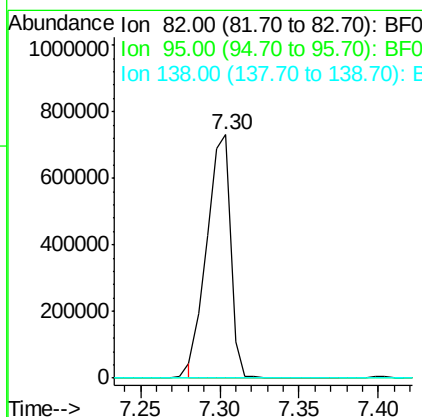
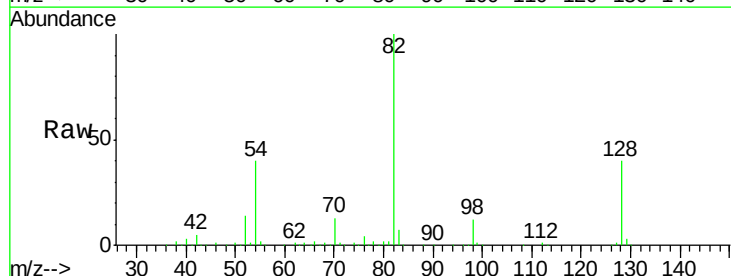
Instrument :
 BNA_F
 ClientSampled :
 RWB-5

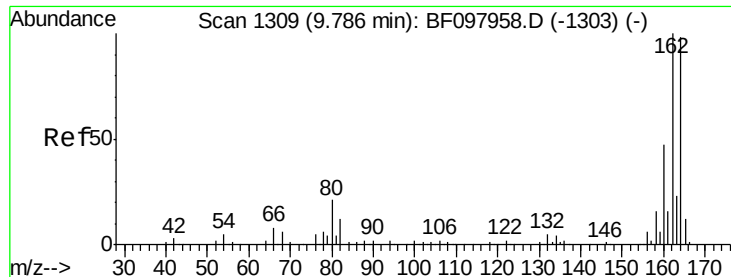
Tot Ion	Ratio	Lower	Upper
82	100		
128	39.6	34.0	51.0
54	39.7	42.2	63.2#



#25
 Isophorone
 Concen: 43.14 ng
 RT: 7.30 min Scan# 887
 Delta R.T. -0.28 min
 Lab File: BF098015.D
 Acq: 24 Aug 2017 21:26

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

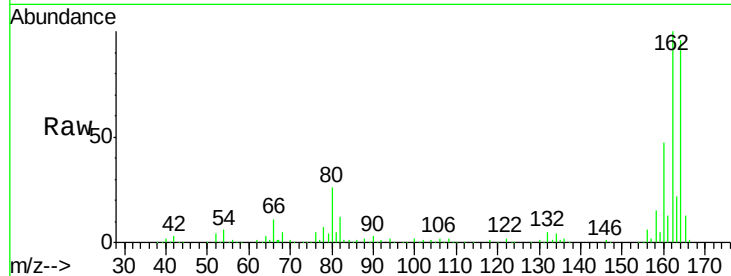




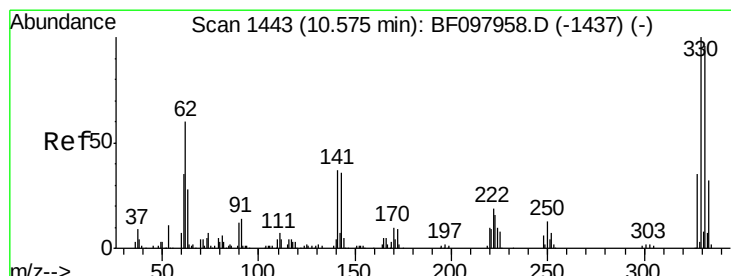
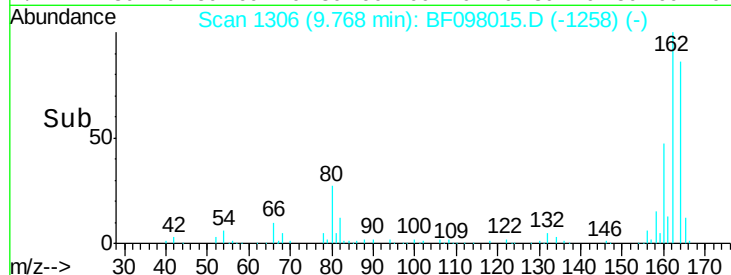
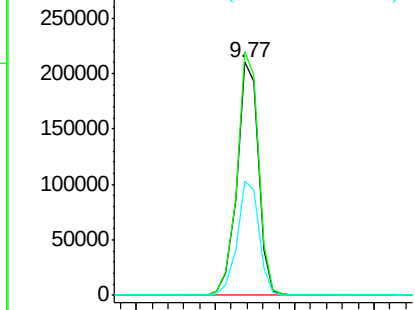
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.77 min Scan# 1306
 Delta R.T. -0.02 min
 Lab File: BF098015.D
 Acq: 24 Aug 2017 21:26

Instrument :
 BNA_F
 ClientSampleId :
 RWB-5

Tot Ion	Ratio	Lower	Upper
164	100		
162	104.5	82.6	123.8
160	48.8	36.2	54.2

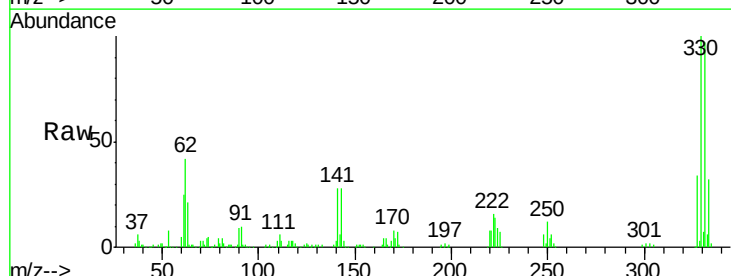


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

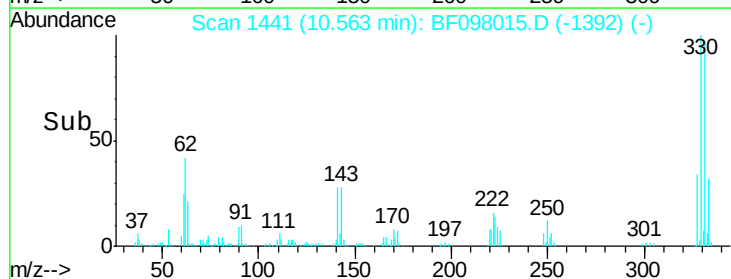
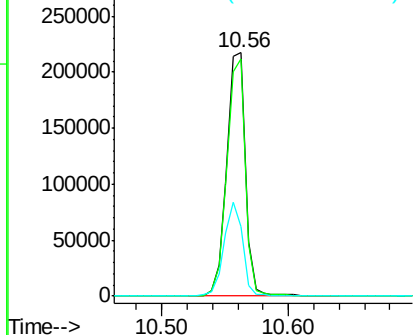


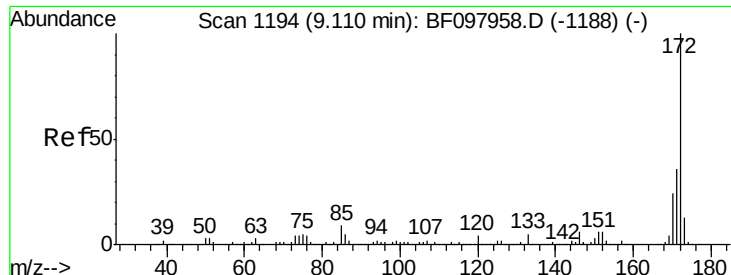
#41
 2,4,6-Tribromophenol
 Concen: 130.19 ng
 RT: 10.56 min Scan# 1441
 Delta R.T. -0.01 min
 Lab File: BF098015.D
 Acq: 24 Aug 2017 21:26

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.9	76.6	115.0
141	38.4	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

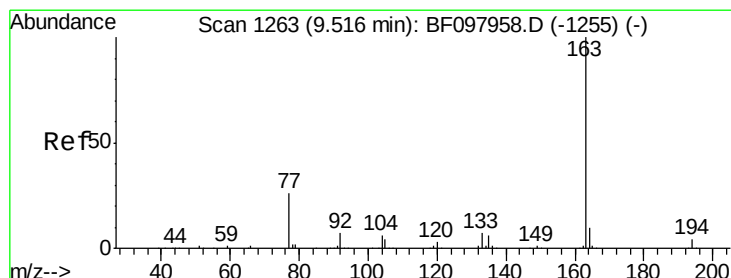
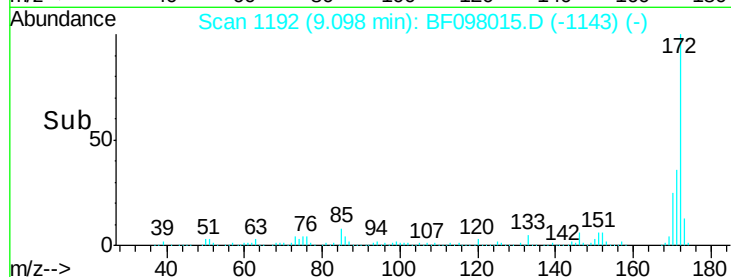
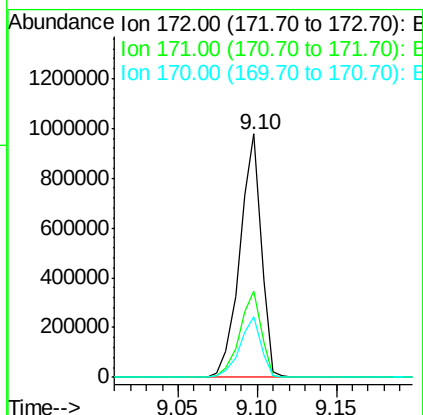
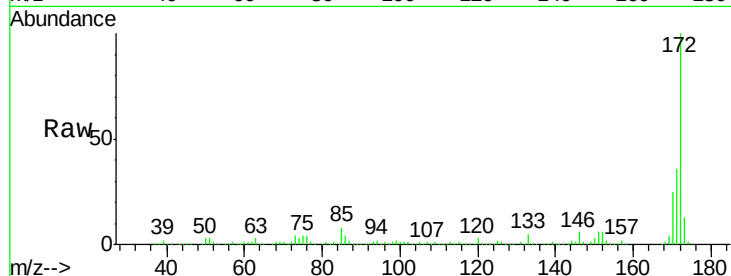




#44
2-Fluorobiphenyl
Concen: 68.01 ng
RT: 9.10 min Scan# 1192
Delta R.T. -0.01 min
Lab File: BF098015.D
Acq: 24 Aug 2017 21:26

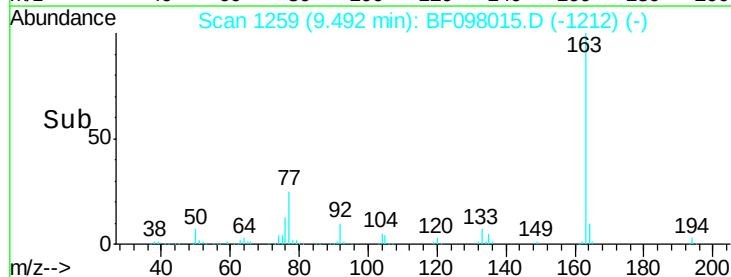
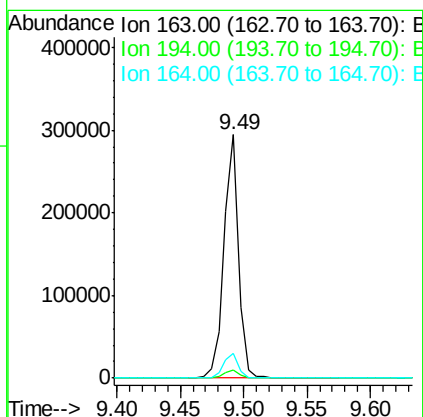
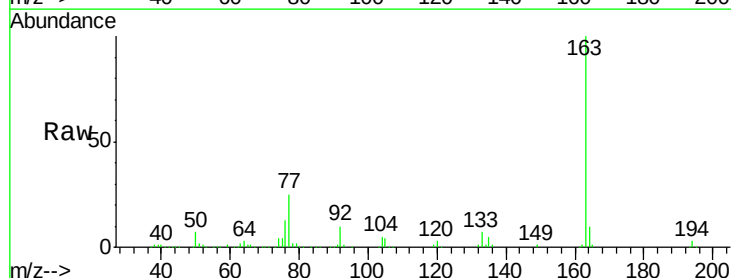
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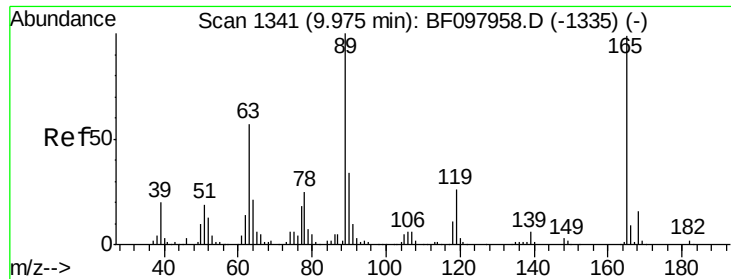
Tot Ion:172 Resp: 912775
Ion Ratio Lower Upper
172 100
171 35.6 29.6 44.4
170 24.7 19.8 29.8



#49
Dimethylphthalate
Concen: 16.37 ng
RT: 9.49 min Scan# 1259
Delta R.T. -0.02 min
Lab File: BF098015.D
Acq: 24 Aug 2017 21:26

Tgt Ion:163 Resp: 235992
Ion Ratio Lower Upper
163 100
194 3.3 2.6 4.0
164 10.2 8.4 12.6

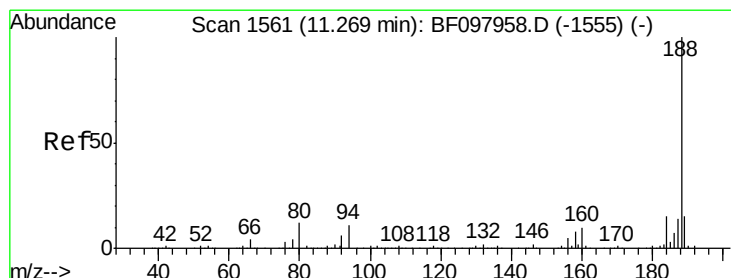
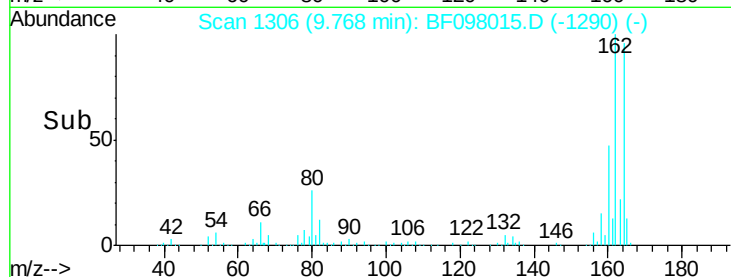
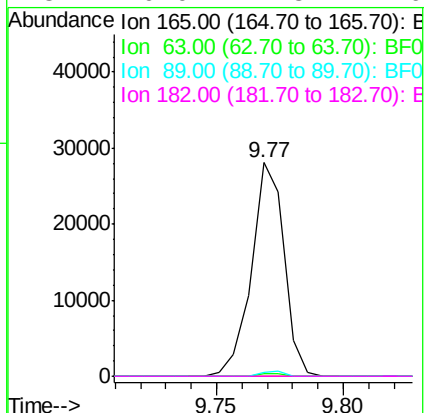
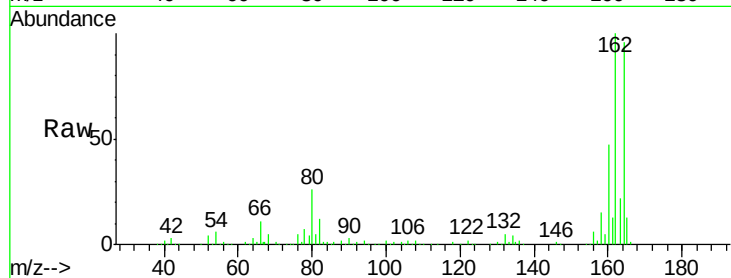




#56
 2,4-Dinitrotoluene
 Concen: 6.98 ng
 RT: 9.77 min Scan# 1306
 Delta R.T. -0.21 min
 Lab File: BF098015.D
 Acq: 24 Aug 2017 21:26

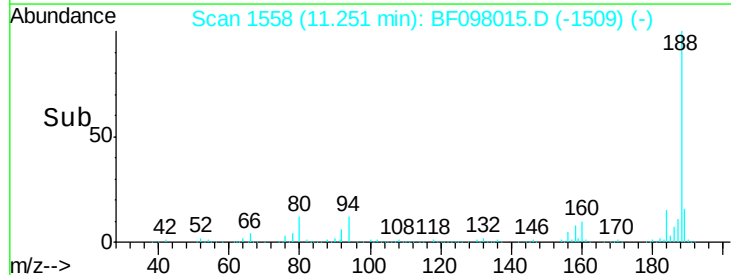
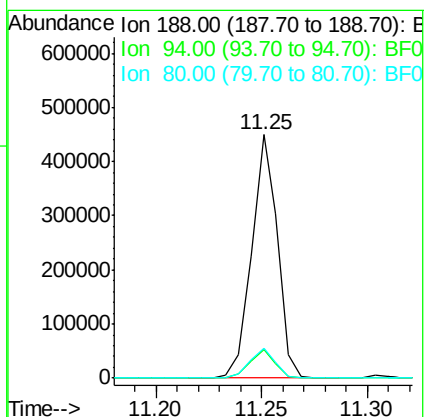
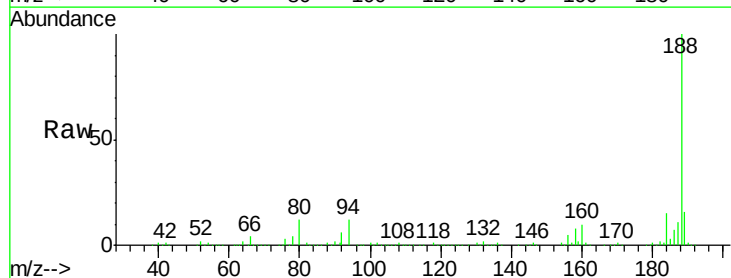
Instrument :
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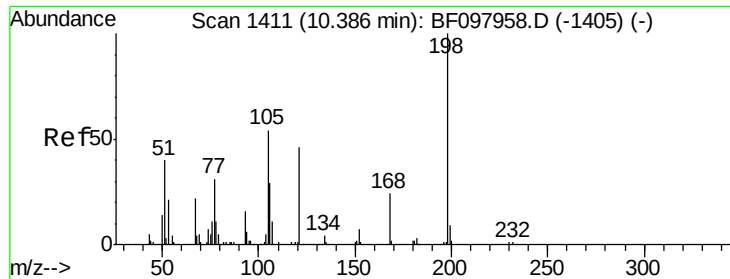
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.1	25.4	38.0#
89	1.6	46.4	69.6#
182	0.0	1.8	2.6#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.25 min Scan# 1558
 Delta R.T. -0.01 min
 Lab File: BF098015.D
 Acq: 24 Aug 2017 21:26

Tgt Ion	Ratio	Lower	Upper
188	100		
94	11.8	9.4	14.2
80	12.3	10.2	15.2





#64

4,6-Dinitro-2-methylphenol

Concen: 8.50 ng

RT: 10.56 min Scan# 1440

Delta R.T. 0.18 min

Lab File: BF098015.D

Acq: 24 Aug 2017 21:26

Instrument :

BNA_F

ClientSampleId :

RWB-5

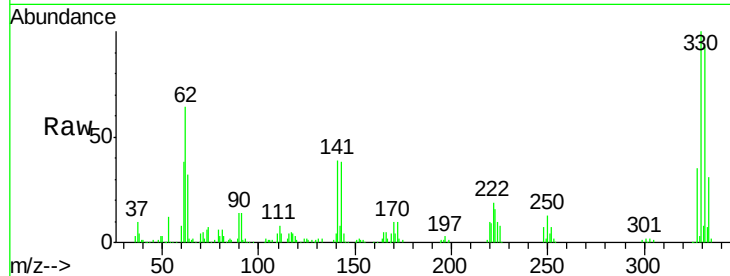
Tot Ion:198 Resp: 399

Ion Ratio Lower Upper

198 100

51 152.1 53.2 93.2#

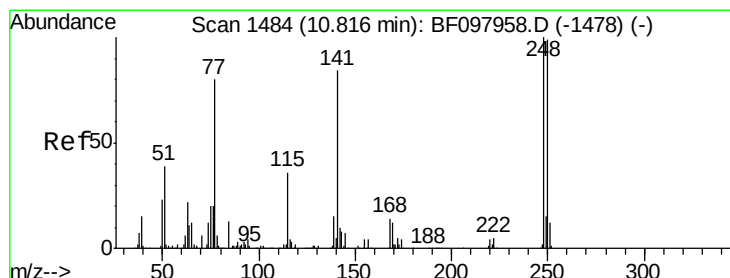
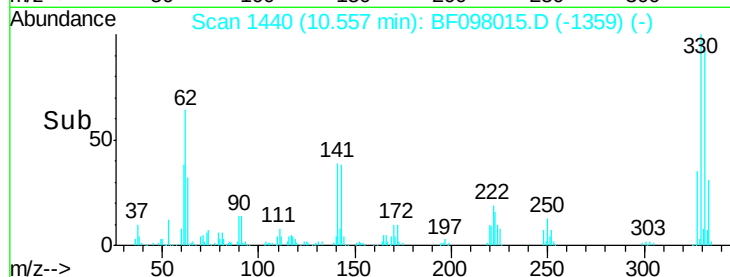
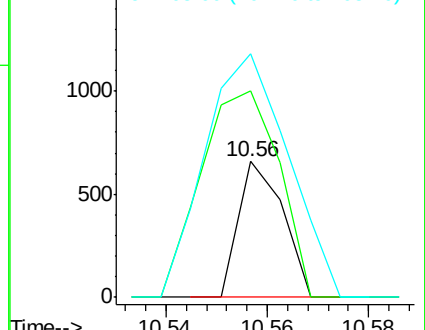
105 179.3 45.8 85.8#



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: 3.76 ng

RT: 10.56 min Scan# 1440

Delta R.T. -0.26 min

Lab File: BF098015.D

Acq: 24 Aug 2017 21:26

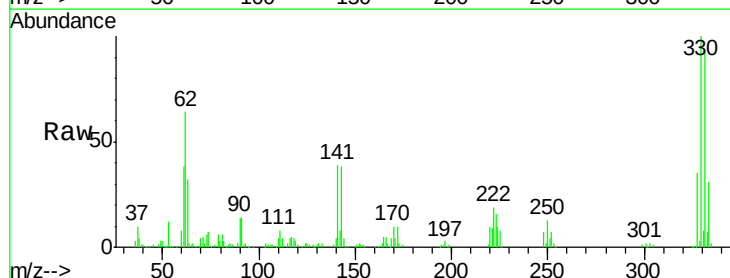
Tgt Ion:248 Resp: 14874

Ion Ratio Lower Upper

248 100

250 197.4 76.8 115.2#

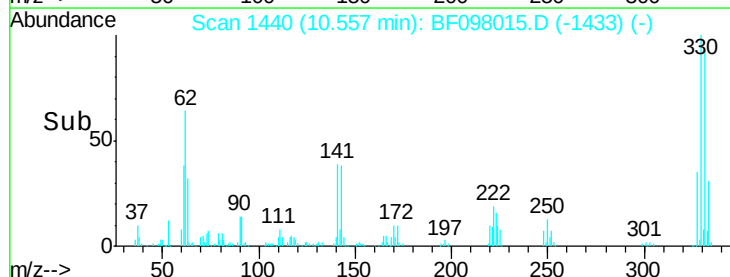
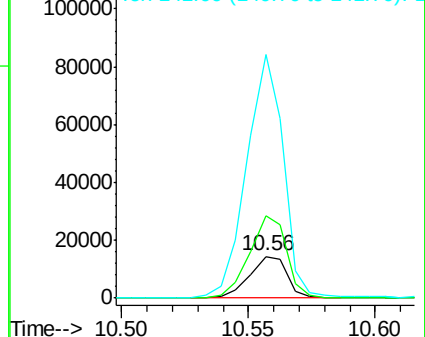
141 583.4 68.6 103.0#

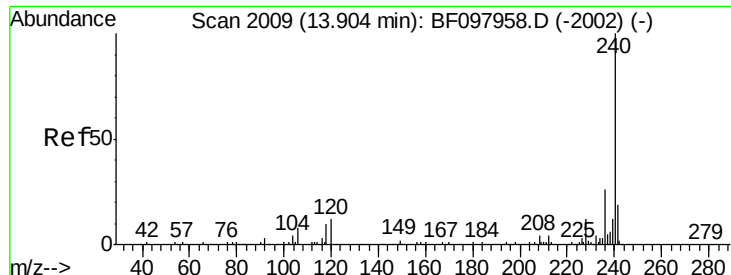


Abundance Ion 248.00 (247.70 to 248.70): E

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: 13.88 min Scan# 2005

Delta R.T. -0.02 min

Lab File: BF098015.D

Acq: 24 Aug 2017 21:26

Instrument :

BNA_F

ClientSampleId :

RWB-5

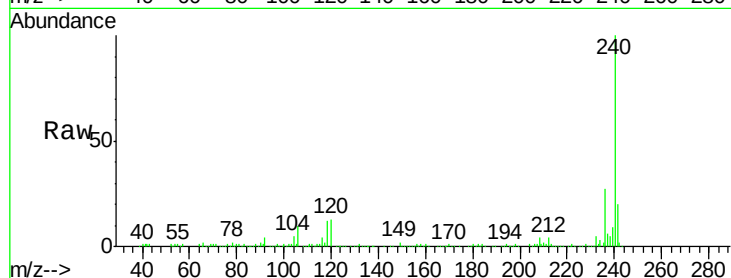
Tot Ion:240 Resp: 273416

Ion Ratio Lower Upper

240 100

120 13.2 5.8 8.8#

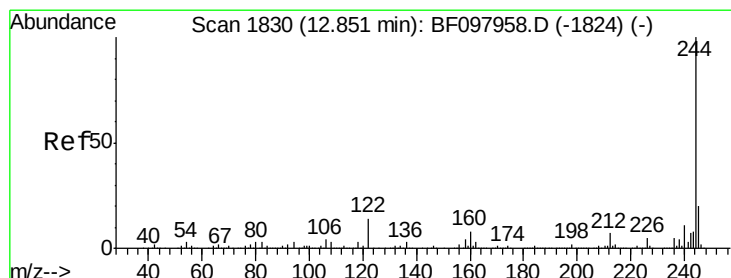
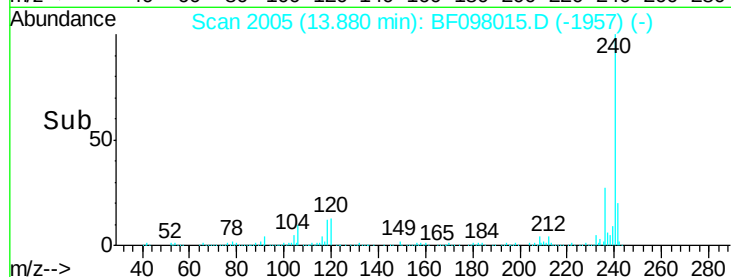
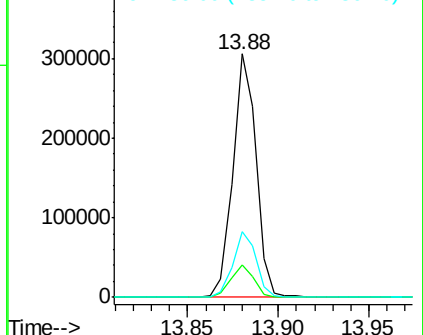
236 27.0 20.5 30.7



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: 56.53 ng

RT: 12.84 min Scan# 1828

Delta R.T. -0.01 min

Lab File: BF098015.D

Acq: 24 Aug 2017 21:26

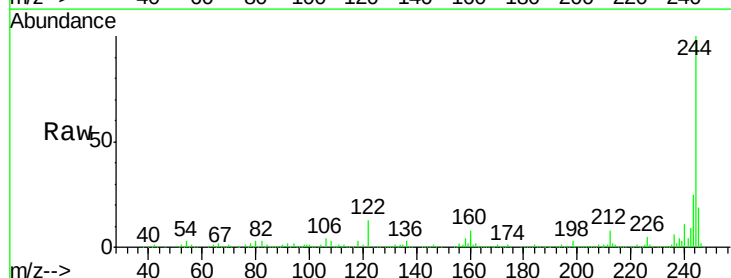
Tgt Ion:244 Resp: 741218

Ion Ratio Lower Upper

244 100

212 7.8 6.0 9.0

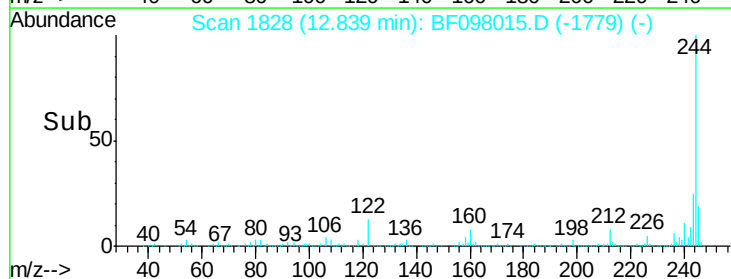
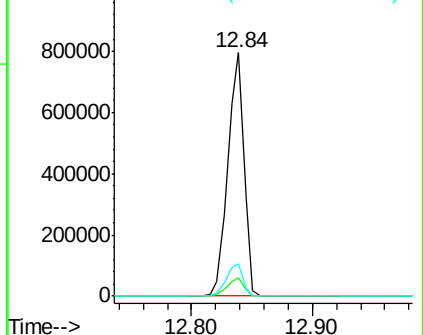
122 13.3 10.3 15.5

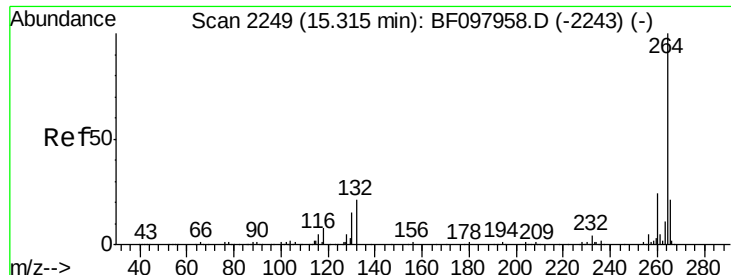


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.30 min Scan# 2246
Delta R.T. -0.01 min
Lab File: BF098015.D
Acq: 24 Aug 2017 21:26

Instrument :
BNA_F
ClientSampleId :
RWB-5

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.5	29.3
265	21.5	17.2	25.8

