

Data Path : Z:\HPCHEM1\BNA F\DATA\BF082417\
 Data File : BF098013.D
 Acq On : 24 Aug 2017 20:30
 Operator : SJ/JU
 Sample : I4925-07
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RWB-7

Quant Time: Aug 25 01:02:28 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

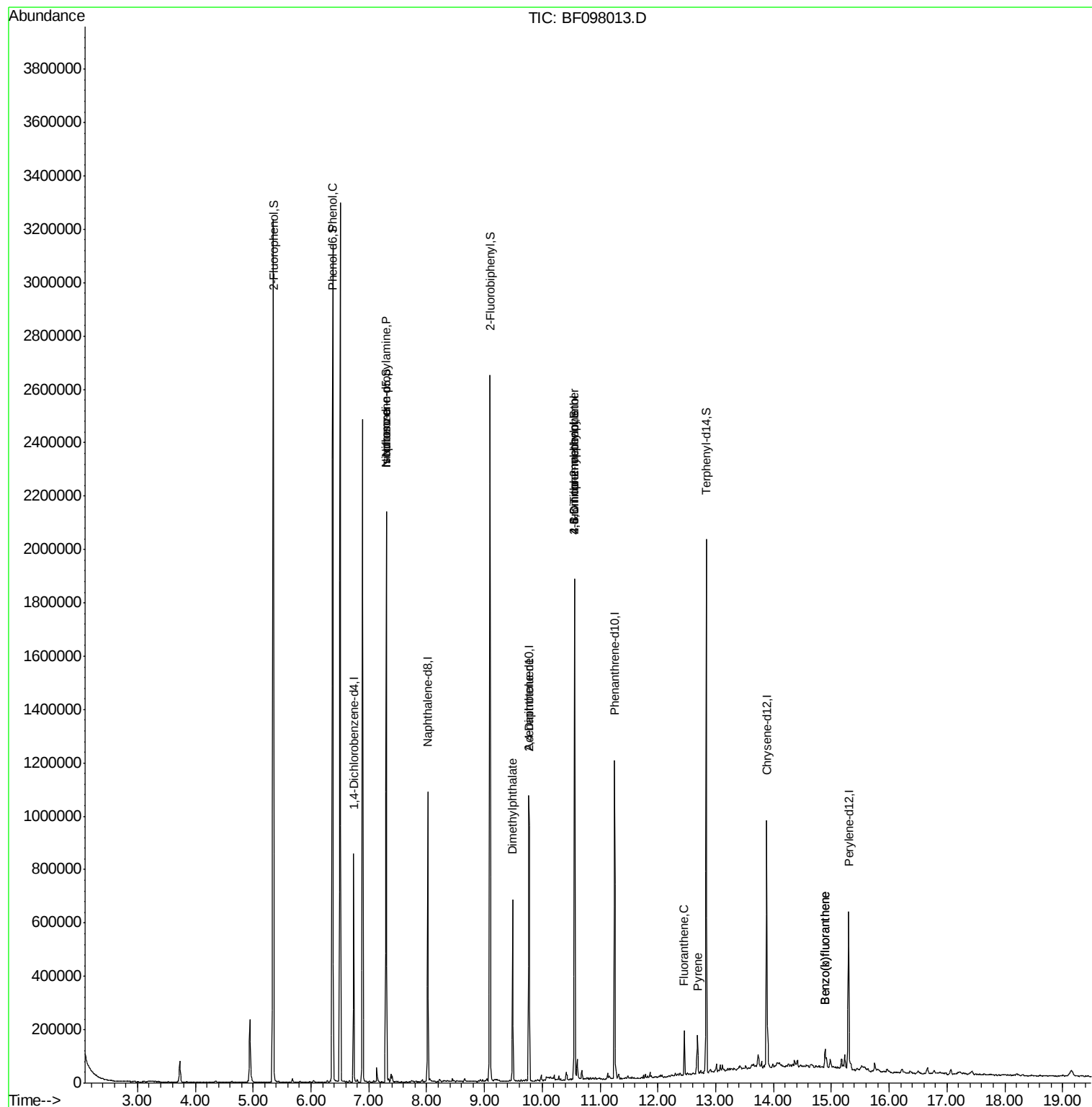
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	124374	20.00	ng	-0.01
21) Naphthalene-d8	8.02	136	486841	20.00	ng	-0.01
38) Acenaphthene-d10	9.77	164	204702	20.00	ng	-0.02
63) Phenanthrene-d10	11.25	188	387414	20.00	ng	-0.01
75) Chrysene-d12	13.88	240	281009	20.00	ng	-0.02
86) Perylene-d12	15.30	264	253723	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	1053447	128.83	ng	0.00
7) Phenol-d6	6.37	99	1462055	131.60	ng	-0.01
23) Nitrobenzene-d5	7.30	82	806325	89.97	ng	-0.02
41) 2,4,6-Tribromophenol	10.56	330	230504	129.78	ng	-0.01
44) 2-Fluorobiphenyl	9.10	172	832240	59.73	ng	-0.01
78) Terphenyl-d14	12.84	244	591792	43.92	ng	-0.01
Target Compounds						
10) Phenol	6.39	94	40032	3.08	ng	Qvalue 93
19) n-Nitroso-di-n-propylamine	7.30	70	110759	14.56	ng	# 71
25) Isophorone	7.30	82	788472	42.31	ng	# 67
49) Dimethylphthalate	9.49	163	235359	15.73	ng	99
56) 2,4-Dinitrotoluene	9.77	165	26175	6.98	ng	# 34
64) 4,6-Dinitro-2-methylphenol	10.56	198	536	8.56	ng	# 1
66) 4-Bromophenyl-phenylether	10.56	248	15505	3.85	ng	# 1
74) Fluoranthene	12.46	202	61109	2.84	ng	98
77) Pyrene	12.69	202	53472	2.33	ng	99
87) Benzo(b)fluoranthene	14.89	252	45784	2.86	ng	# 97
88) Benzo(k)fluoranthene	14.89	252	45784	3.05	ng	99

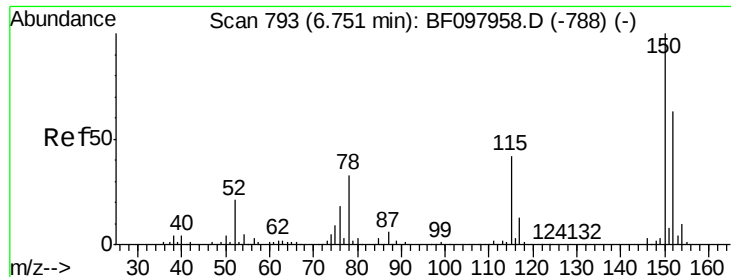
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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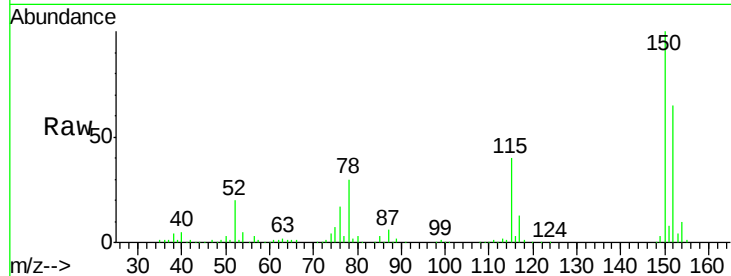


#1

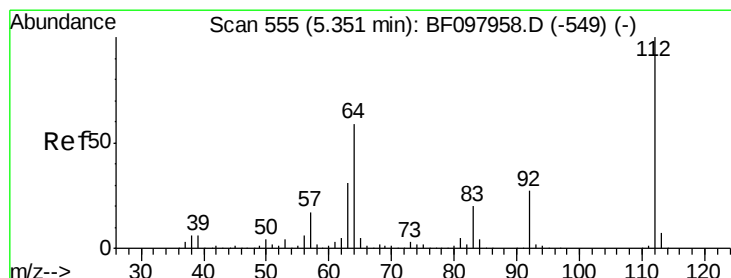
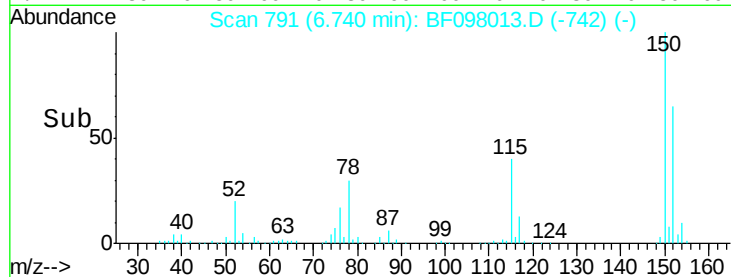
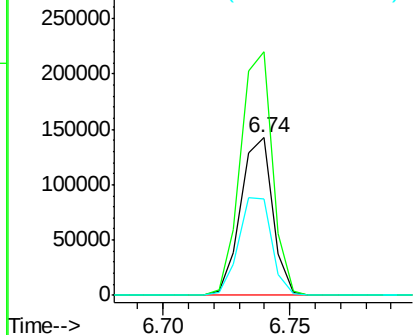
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.74 min Scan# 791
Delta R.T. -0.01 min
Lab File: BF098013.D
Acq: 24 Aug 2017 20:30

Instrument :
BNA_F
ClientSampleId :
RWB-7

Tot Ion:152 Resp: 124374
Ion Ratio Lower Upper
152 100
150 154.8 126.2 189.2
115 61.4 52.2 78.2



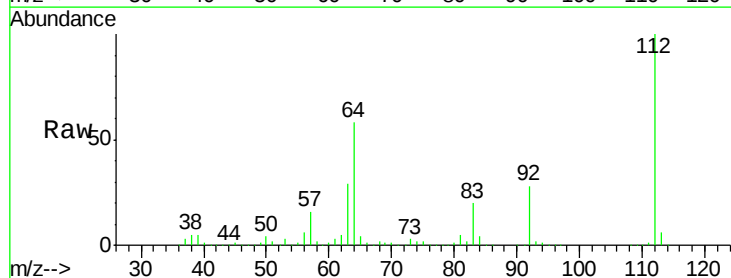
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



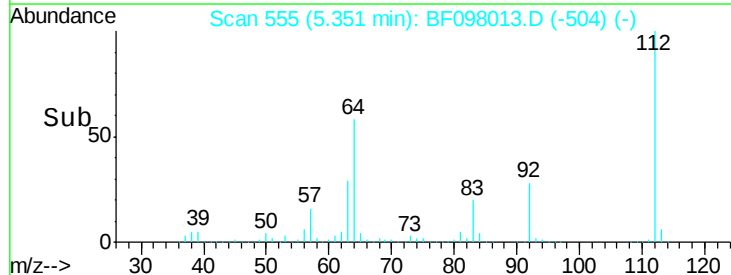
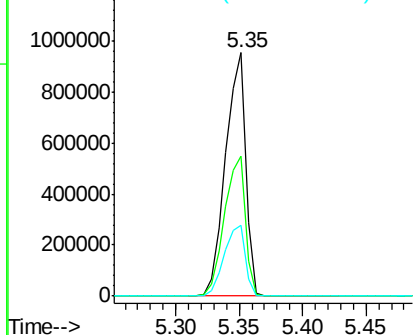
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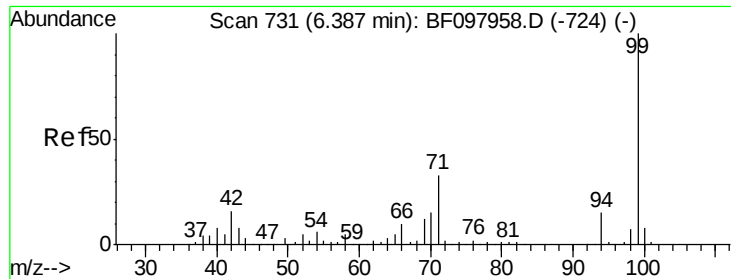
2-Fluorophenol
Concen: 128.83 ng
RT: 5.35 min Scan# 555
Delta R.T. 0.00 min
Lab File: BF098013.D
Acq: 24 Aug 2017 20:30

Tgt Ion:112 Resp: 1053447
Ion Ratio Lower Upper
112 100
64 57.7 46.0 69.0
63 29.3 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: 131.60 ng

RT: 6.37 min Scan# 729

Delta R.T. -0.01 min

Lab File: BF098013.D

Acq: 24 Aug 2017 20:30

Instrument :

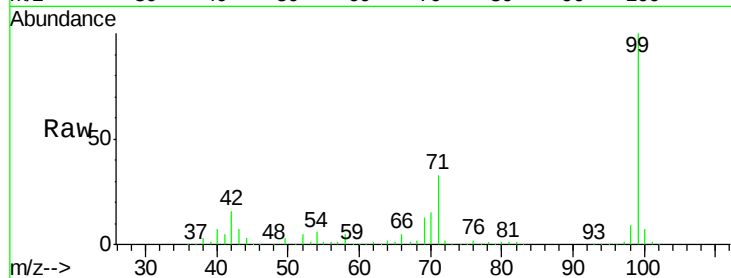
BNA_F

ClientSampleId :

RWB-7

Tot Ion: 99 Resp: 1462055

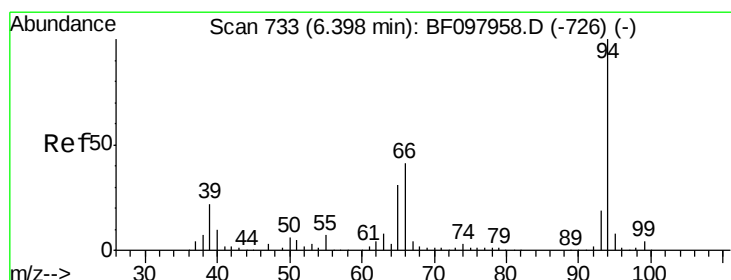
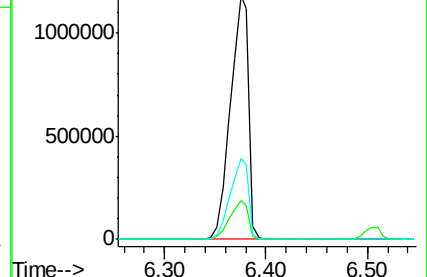
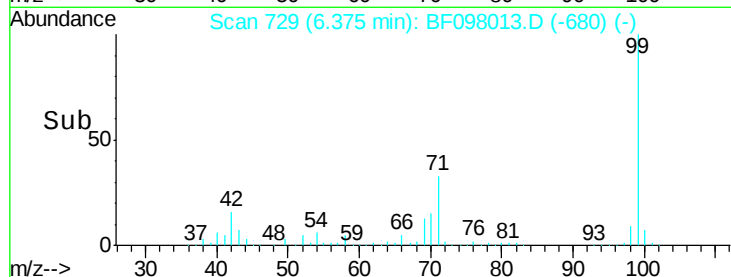
Ion	Ratio	Lower	Upper
99	100		
42	15.8	13.5	20.3
71	33.4	24.5	36.7



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: 3.08 ng

RT: 6.39 min Scan# 731

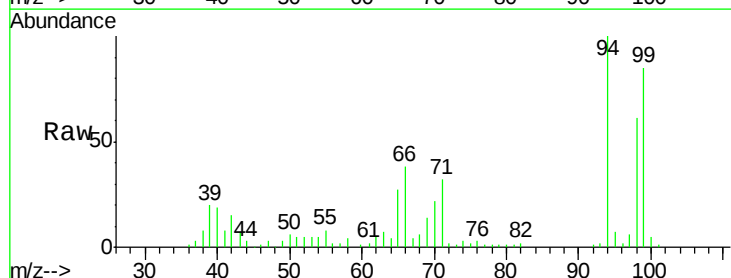
Delta R.T. -0.01 min

Lab File: BF098013.D

Acq: 24 Aug 2017 20:30

Tgt Ion: 94 Resp: 40032

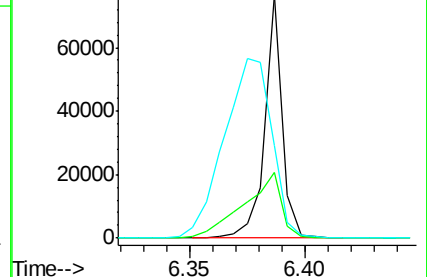
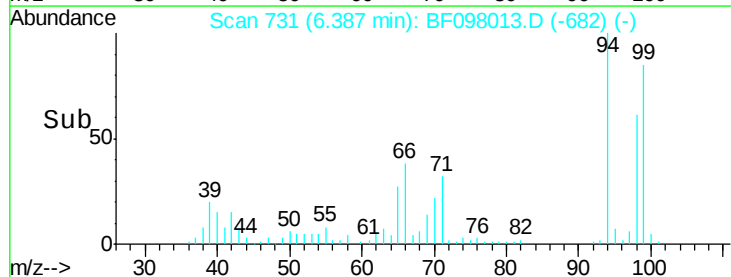
Ion	Ratio	Lower	Upper
94	100		
65	27.0	9.9	49.9
66	38.0	23.1	63.1

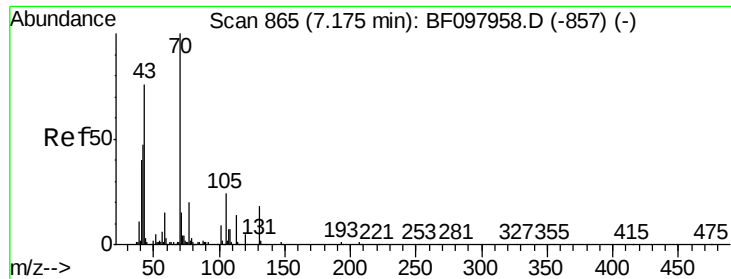


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

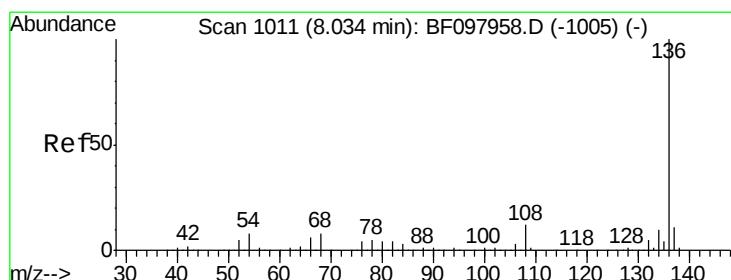
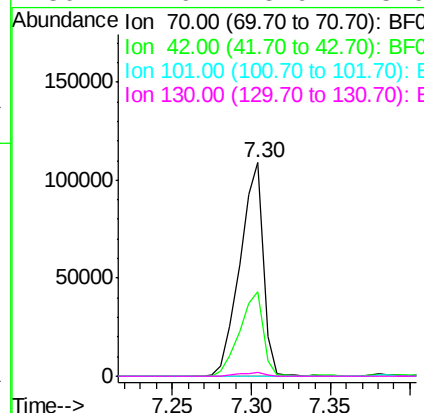
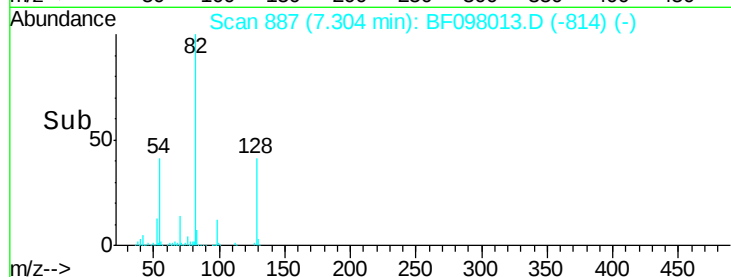
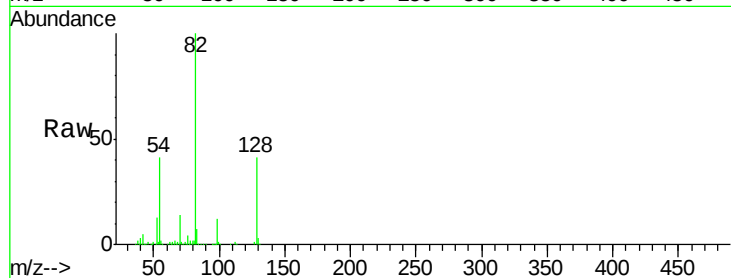




#19
n-Nitroso-di-n-propylamine
Concen: 14.56 ng
RT: 7.30 min Scan# 887
Delta R.T. 0.13 min
Lab File: BF098013.D
Acq: 24 Aug 2017 20:30

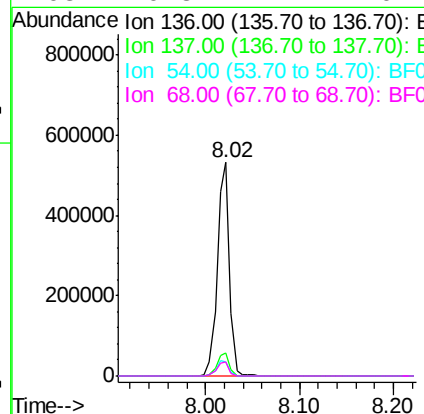
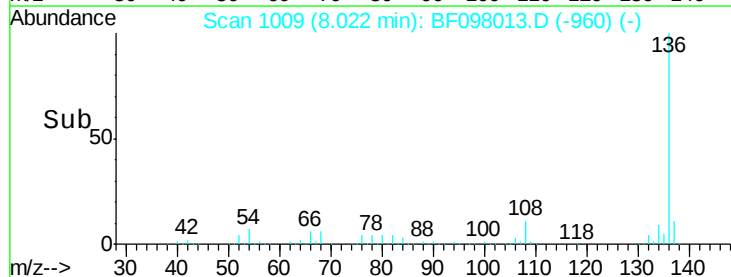
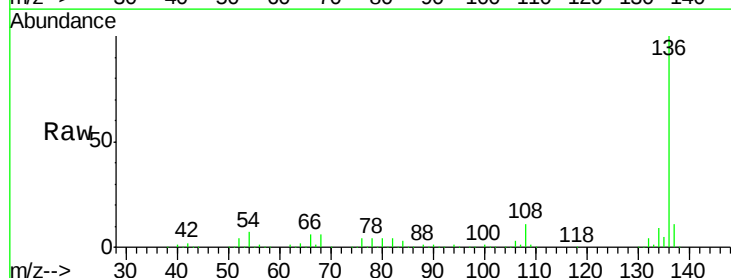
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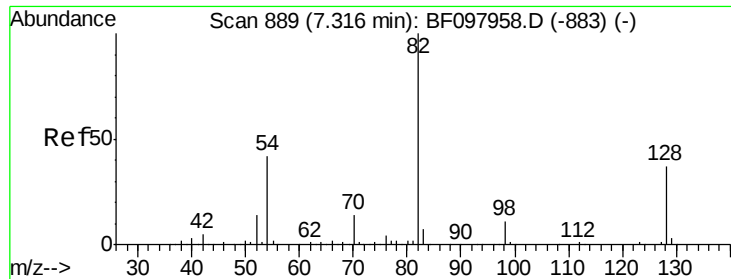
Tot Ion: 70 Resp: 110759
Ion Ratio Lower Upper
70 100
42 39.6 47.2 70.8#
101 0.0 7.2 10.8#
130 1.9 15.9 23.9#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.02 min Scan# 1009
Delta R.T. -0.01 min
Lab File: BF098013.D
Acq: 24 Aug 2017 20:30

Tgt Ion: 136 Resp: 486841
Ion Ratio Lower Upper
136 100
137 10.8 8.5 12.7
54 6.7 4.9 7.3
68 6.3 4.1 6.1#

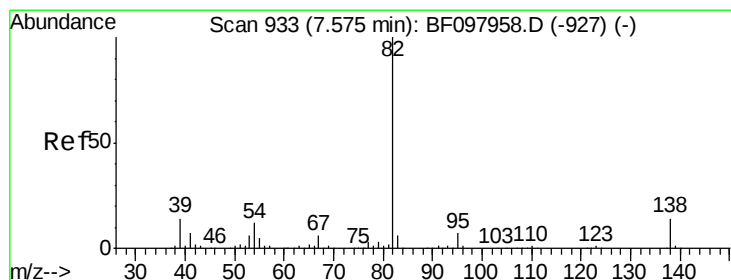
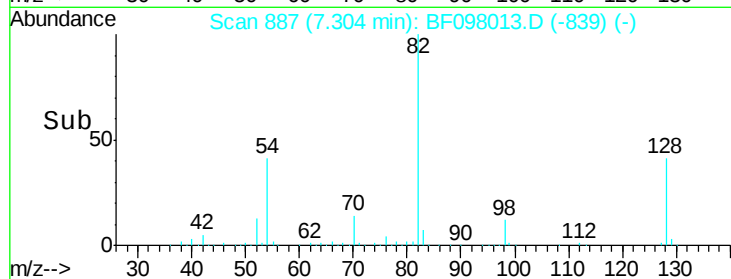
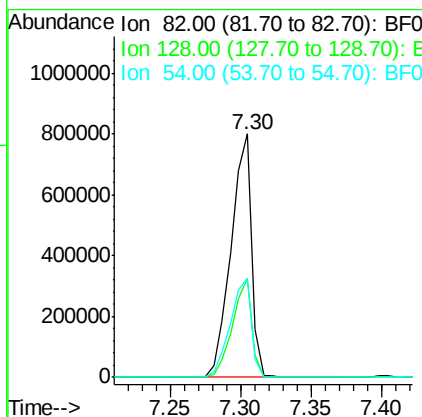
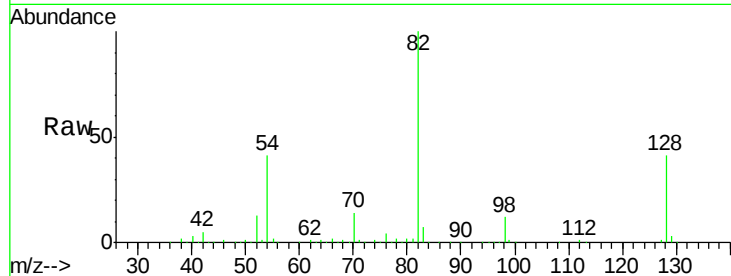




#23
 Nitrobenzene-d5
 Concen: 89.97 ng
 RT: 7.30 min Scan# 887
 Delta R.T. -0.02 min
 Lab File: BF098013.D
 Acq: 24 Aug 2017 20:30

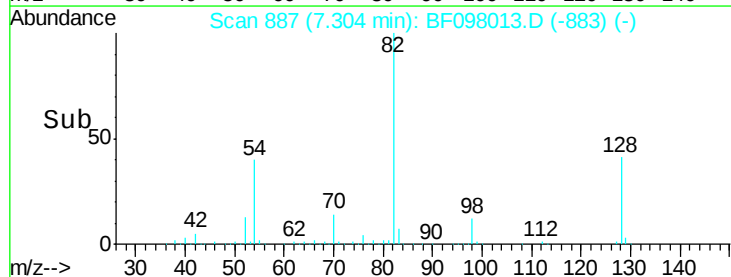
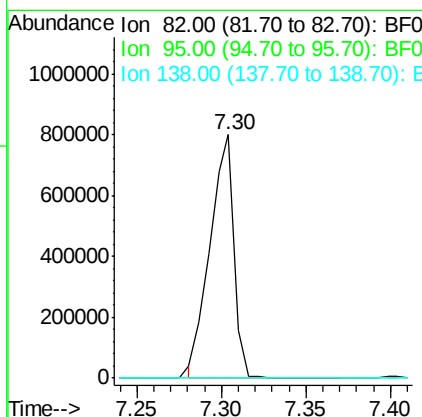
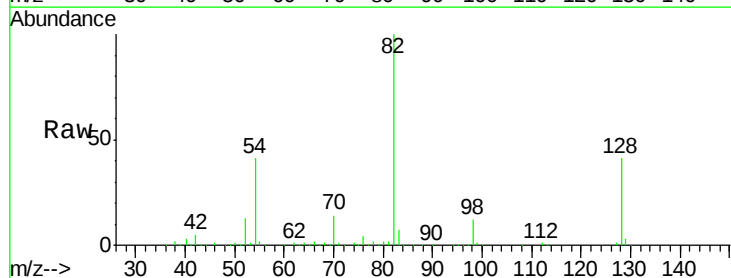
Instrument :
 BNA_F
 ClientSampleId :
 RWB-7

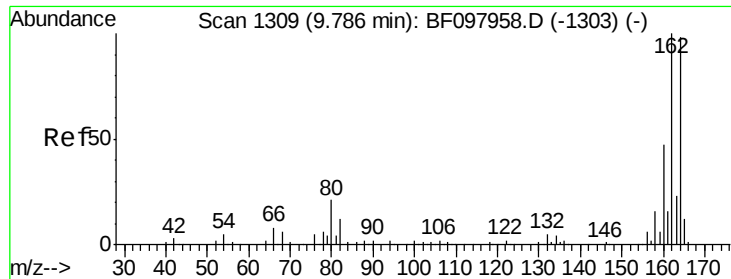
Tot Ion: 82 Resp: 806325
 Ion Ratio Lower Upper
 82 100
 128 40.6 34.0 51.0
 54 40.8 42.2 63.2#



#25
 Isophorone
 Concen: 42.31 ng
 RT: 7.30 min Scan# 887
 Delta R.T. -0.28 min
 Lab File: BF098013.D
 Acq: 24 Aug 2017 20:30

Tgt Ion: 82 Resp: 788472
 Ion Ratio Lower Upper
 82 100
 95 0.0 5.3 7.9#
 138 0.0 13.1 19.7#

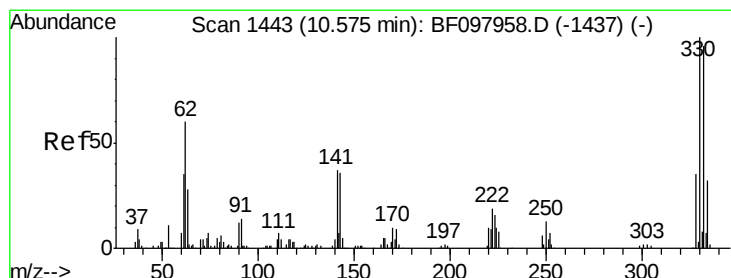
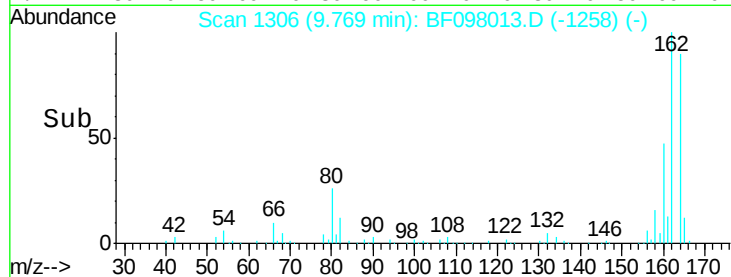
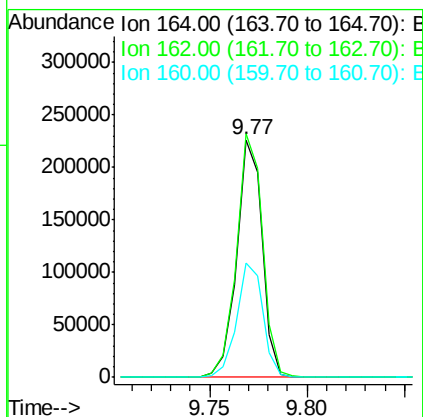
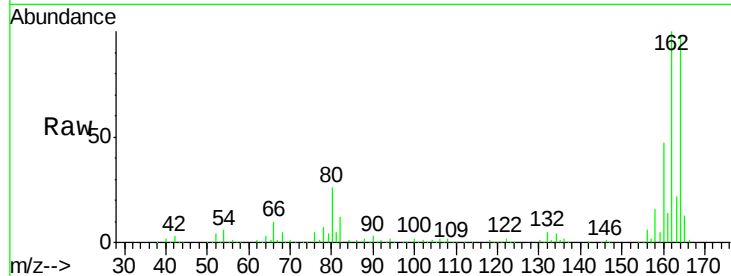




#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.77 min Scan# 1306
 Delta R.T. -0.02 min
 Lab File: BF098013.D
 Acq: 24 Aug 2017 20:30

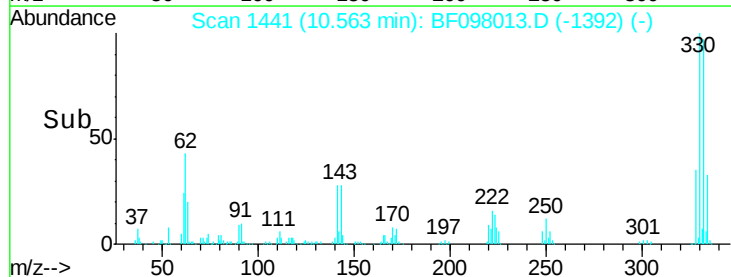
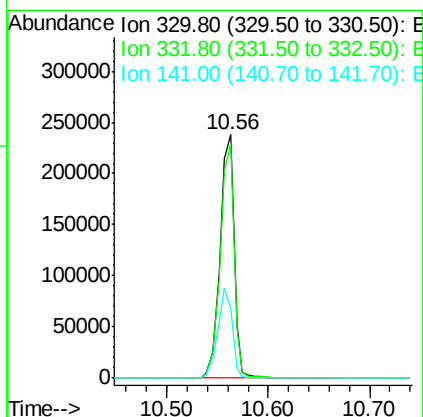
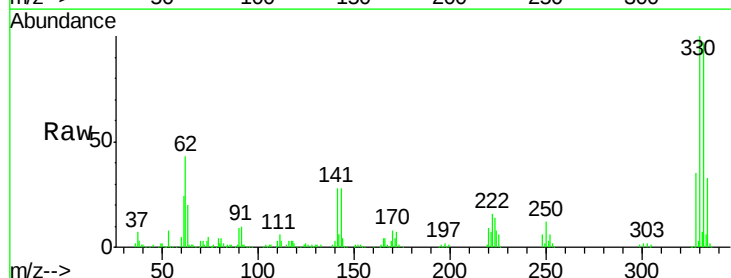
Instrument :
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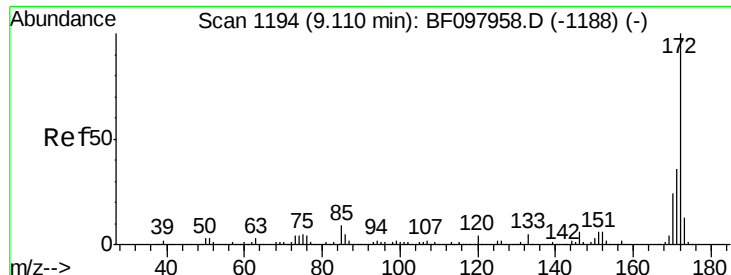
Tot Ion:164 Resp: 204702
 Ion Ratio Lower Upper
 164 100
 162 102.5 82.6 123.8
 160 48.0 36.2 54.2



#41
 2,4,6-Tribromophenol
 Concen: 129.78 ng
 RT: 10.56 min Scan# 1441
 Delta R.T. -0.01 min
 Lab File: BF098013.D
 Acq: 24 Aug 2017 20:30

Tgt Ion:330 Resp: 230504
 Ion Ratio Lower Upper
 330 100
 332 95.4 76.6 115.0
 141 37.9 31.4 47.2

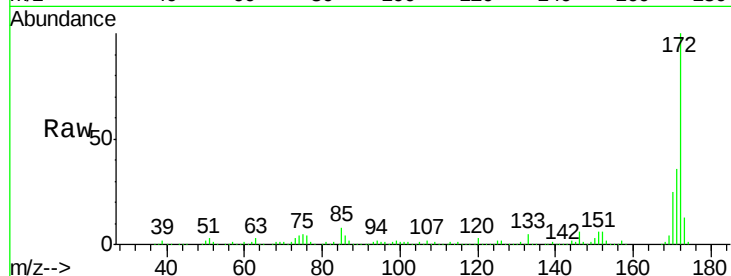




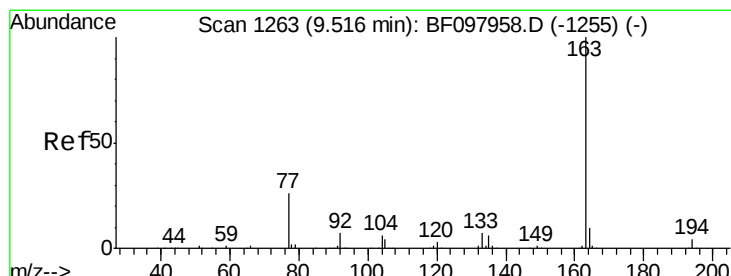
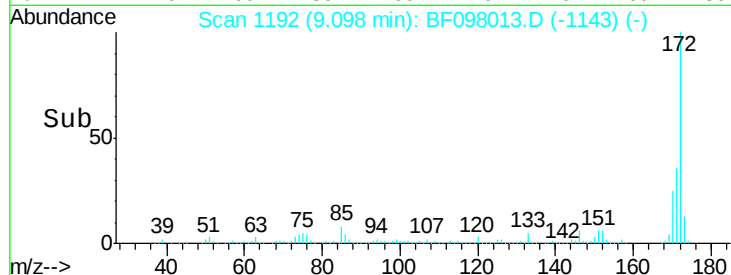
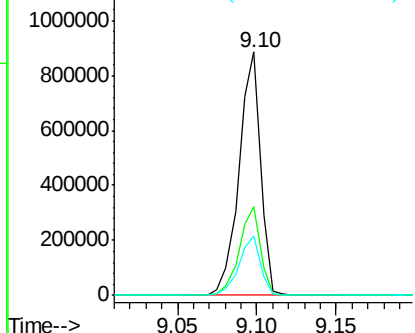
#44
 2-Fluorobiphenyl
 Concen: 59.73 ng
 RT: 9.10 min Scan# 1192
 Delta R.T. -0.01 min
 Lab File: BF098013.D
 Acq: 24 Aug 2017 20:30

Instrument :
 BNA_F
 ClientSampleId :
 RWB-7

Tot Ion:172 Resp: 832240
 Ion Ratio Lower Upper
 172 100
 171 36.4 29.6 44.4
 170 24.6 19.8 29.8

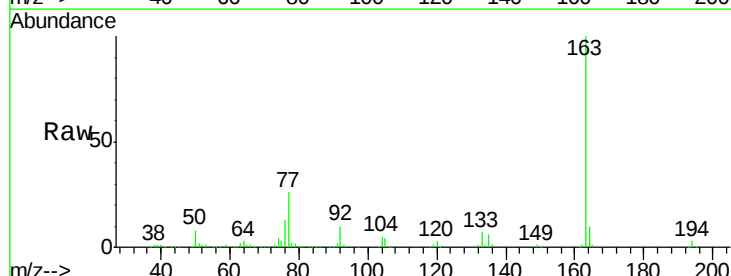


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

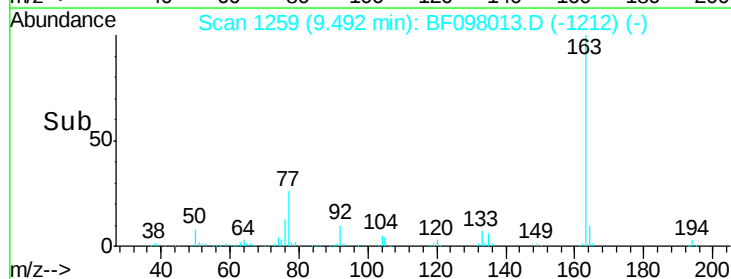
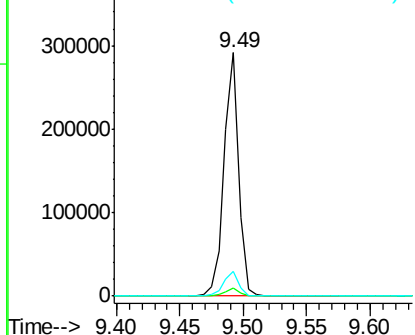


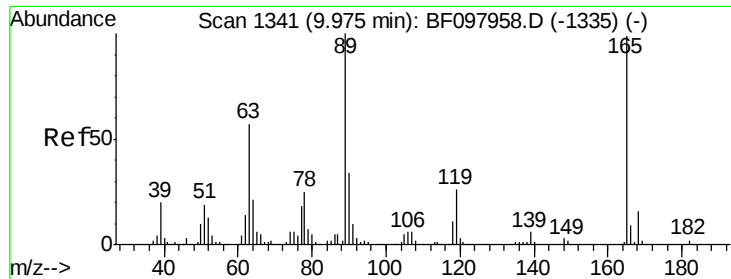
#49
 Dimethylphthalate
 Concen: 15.73 ng
 RT: 9.49 min Scan# 1259
 Delta R.T. -0.02 min
 Lab File: BF098013.D
 Acq: 24 Aug 2017 20:30

Tgt Ion:163 Resp: 235359
 Ion Ratio Lower Upper
 163 100
 194 3.5 2.6 4.0
 164 10.2 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

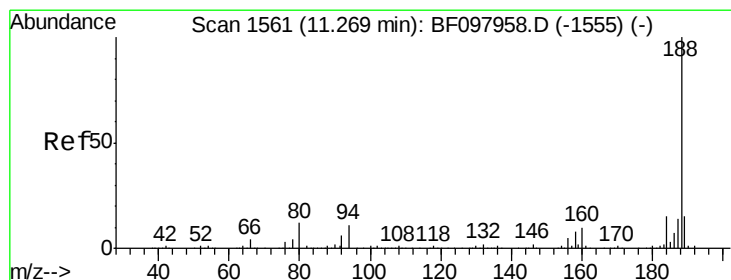
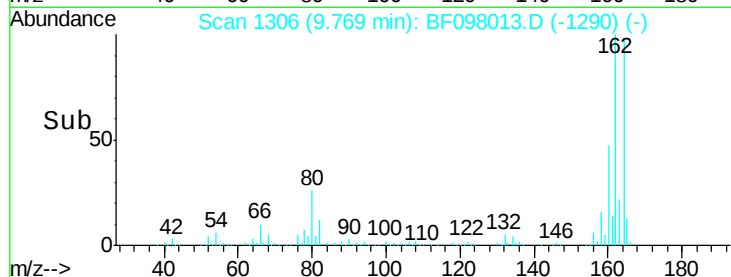
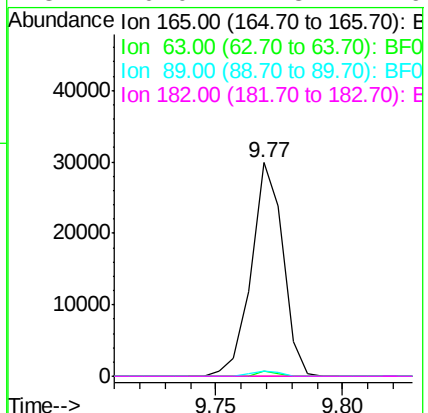
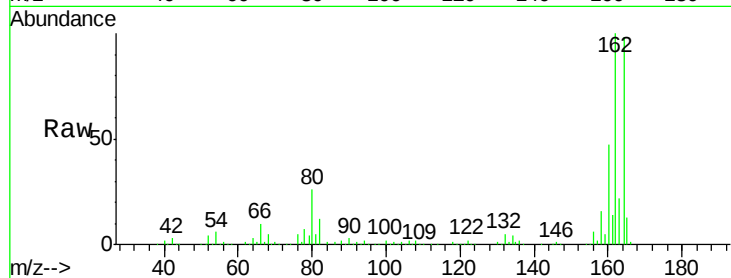




#56
 2,4-Dinitrotoluene
 Concen: 6.98 ng
 RT: 9.77 min Scan# 1306
 Delta R.T. -0.21 min
 Lab File: BF098013.D
 Acq: 24 Aug 2017 20:30

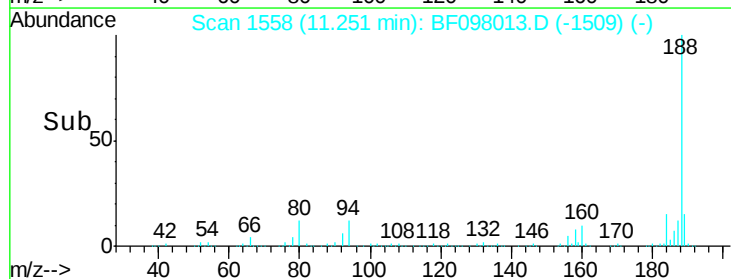
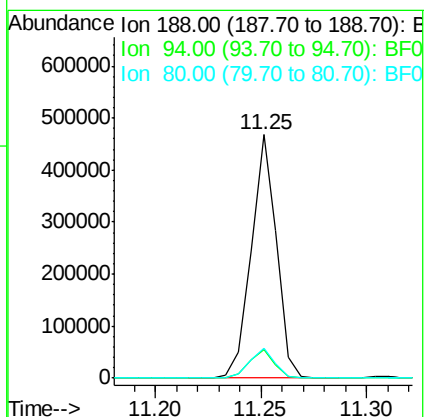
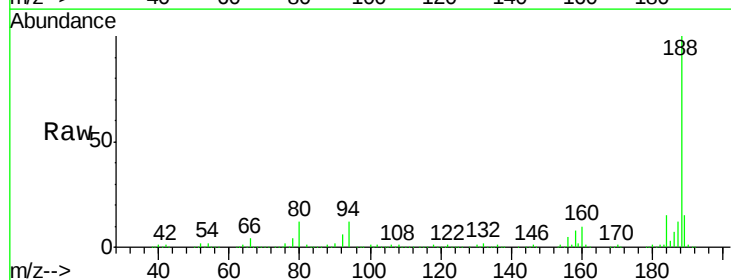
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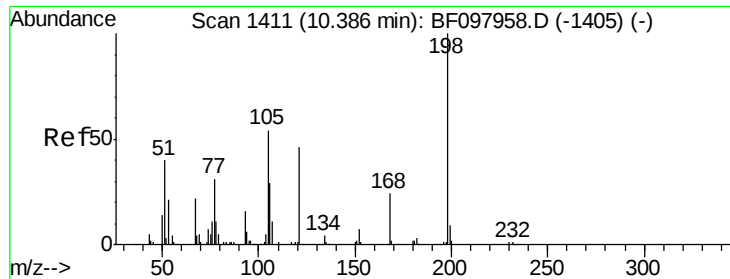
Tot Ion	Ratio	Lower	Upper
165	100		
63	2.4	25.4	38.0#
89	2.4	46.4	69.6#
182	0.0	1.8	2.6#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.25 min Scan# 1558
 Delta R.T. -0.01 min
 Lab File: BF098013.D
 Acq: 24 Aug 2017 20:30

Tgt Ion	Ratio	Lower	Upper
188	100		
94	11.7	9.4	14.2
80	12.4	10.2	15.2





#64

4,6-Dinitro-2-methylphenol

Concen: 8.56 ng

RT: 10.56 min Scan# 1440

Delta R.T. 0.18 min

Lab File: BF098013.D

Acq: 24 Aug 2017 20:30

Instrument :

BNA_F

ClientSampleId :

RWB-7

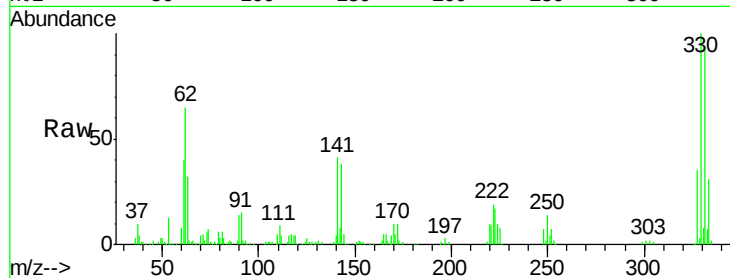
Tot Ion:198 Resp: 536

Ion Ratio Lower Upper

198 100

51 192.0 53.2 93.2#

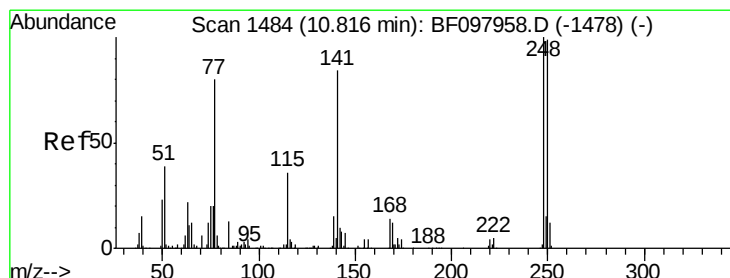
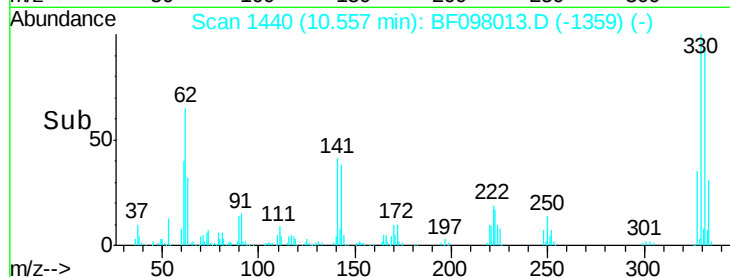
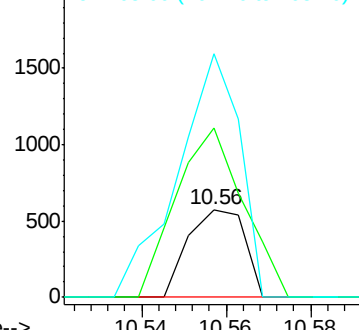
105 276.4 45.8 85.8#



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: 3.85 ng

RT: 10.56 min Scan# 1440

Delta R.T. -0.26 min

Lab File: BF098013.D

Acq: 24 Aug 2017 20:30

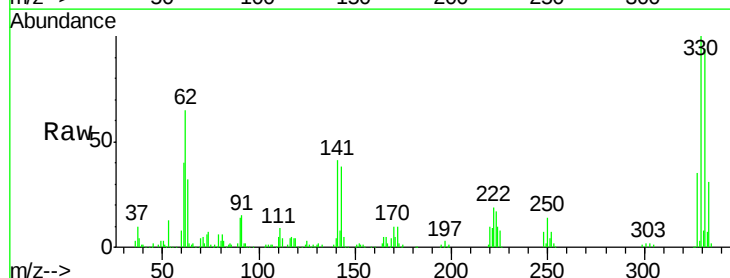
Tgt Ion:248 Resp: 15505

Ion Ratio Lower Upper

248 100

250 188.3 76.8 115.2#

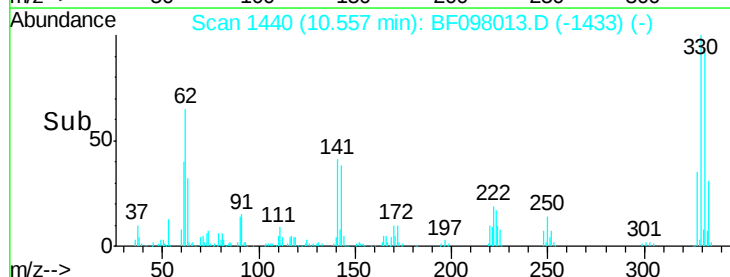
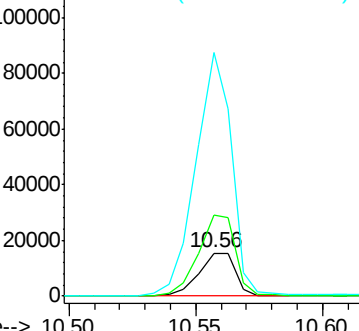
141 566.1 68.6 103.0#

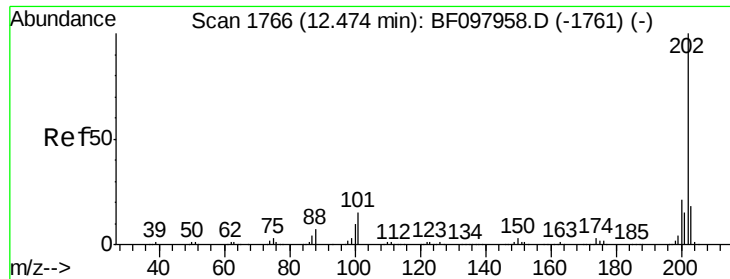


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

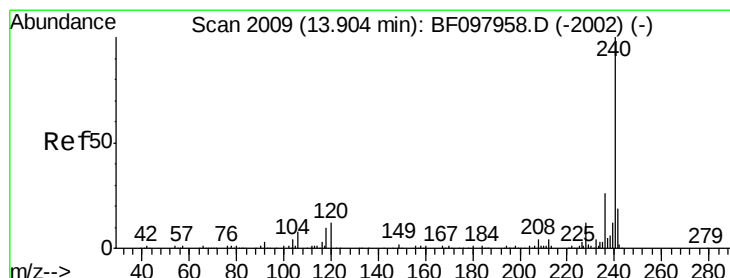
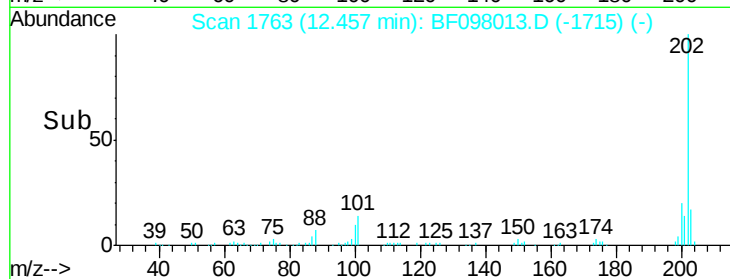
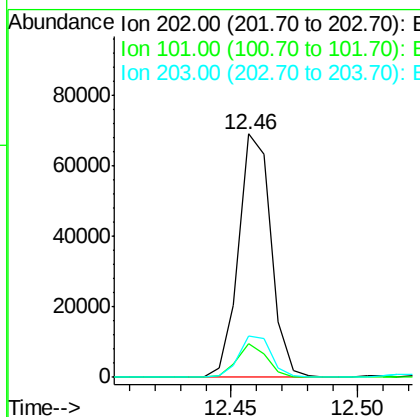
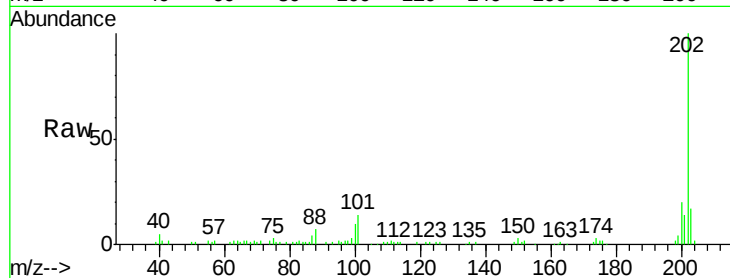




#74
 Fluoranthene
 Concen: 2.84 ng
 RT: 12.46 min Scan# 1763
 Delta R.T. -0.02 min
 Lab File: BF098013.D
 Acq: 24 Aug 2017 20:30

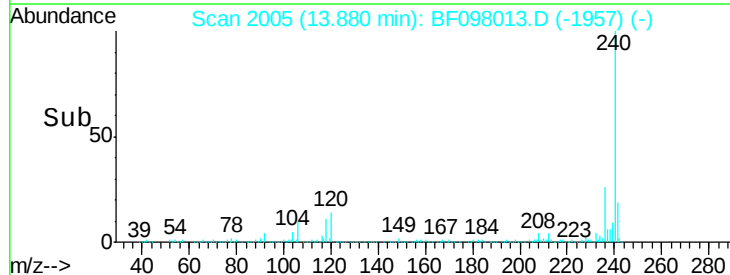
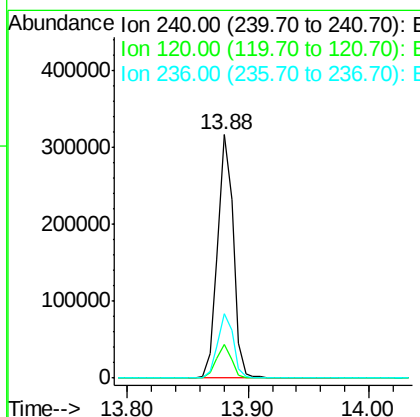
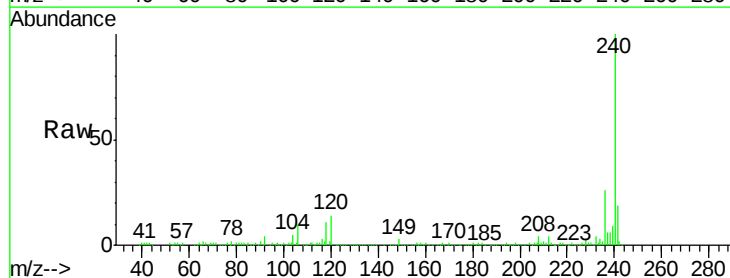
Instrument :
 BNA_F
 ClientSampleId :
 RWB-7

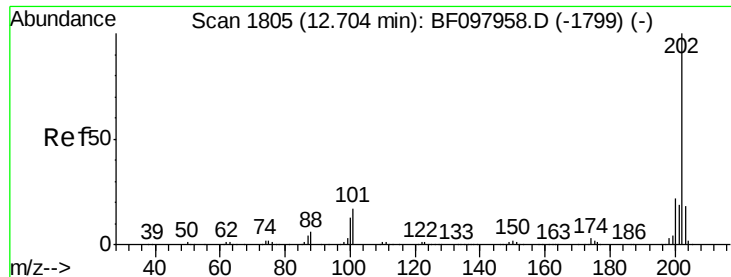
Tot Ion	Ratio	Lower	Upper
202	100		
101	14.1	0.0	33.2
203	17.0	0.0	38.1



#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.88 min Scan# 2005
 Delta R.T. -0.02 min
 Lab File: BF098013.D
 Acq: 24 Aug 2017 20:30

Tgt Ion	Ratio	Lower	Upper
240	100		
120	13.6	5.8	8.8#
236	26.5	20.5	30.7

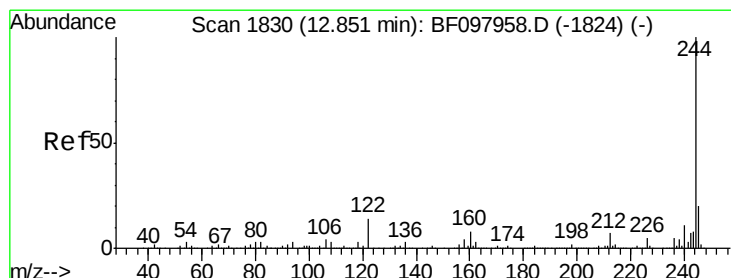
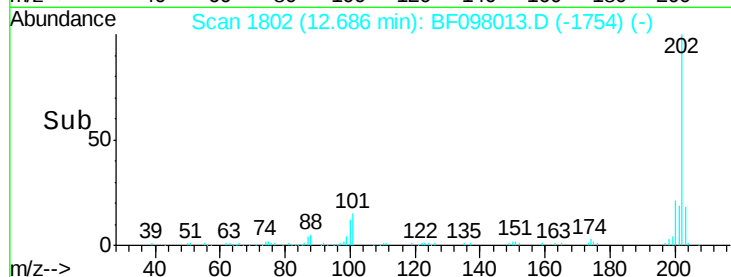
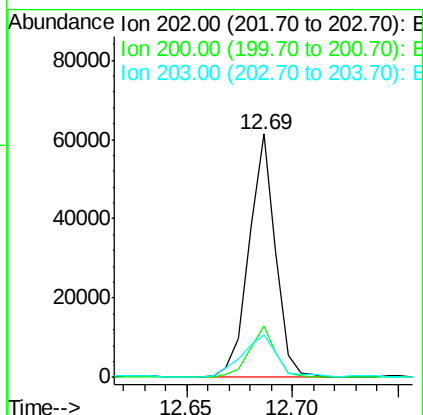
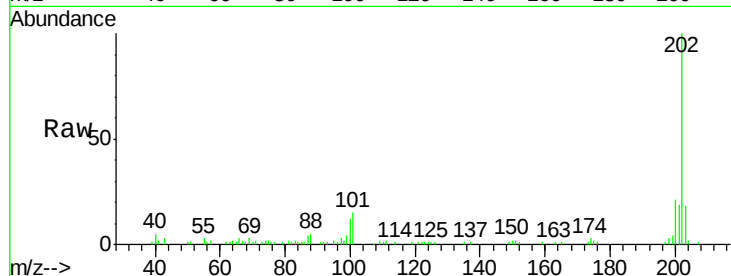




#77
Pvrene
Concen: 2.33 ng
RT: 12.69 min Scan# 1802
Delta R.T. -0.02 min
Lab File: BF098013.D
Acq: 24 Aug 2017 20:30

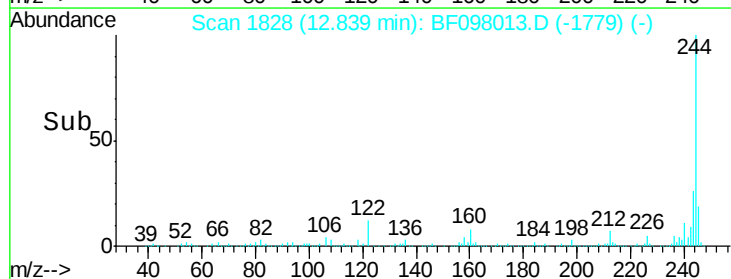
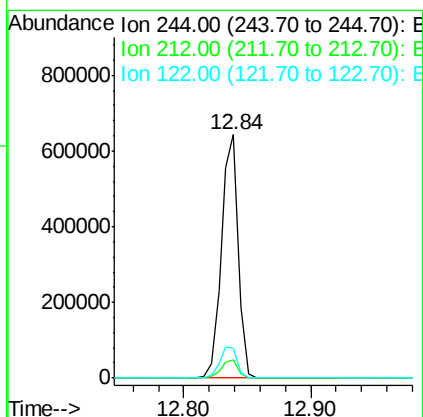
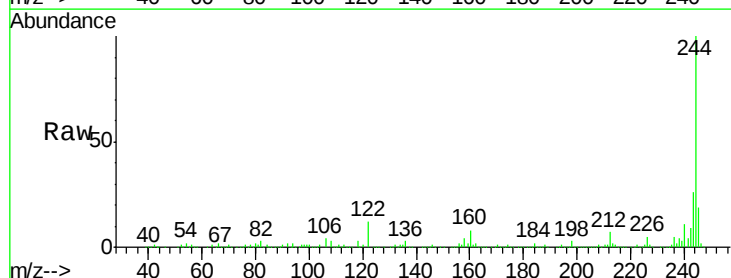
Instrument :
BNA_F
ClientSampleId :
RWB-7

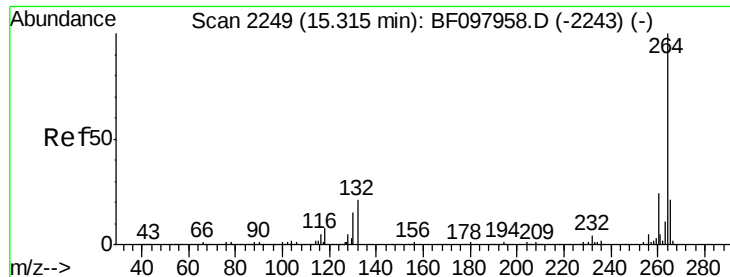
Tot Ion	Ratio	Lower	Upper
202	100		
200	21.1	17.6	26.4
203	17.7	14.4	21.6



#78
Terphenyl-d14
Concen: 43.92 ng
RT: 12.84 min Scan# 1828
Delta R.T. -0.01 min
Lab File: BF098013.D
Acq: 24 Aug 2017 20:30

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.4	6.0	9.0
122	12.3	10.3	15.5

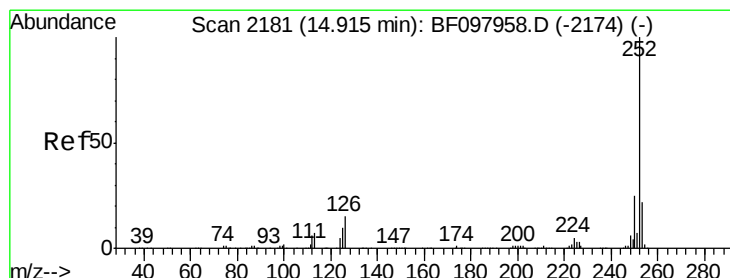
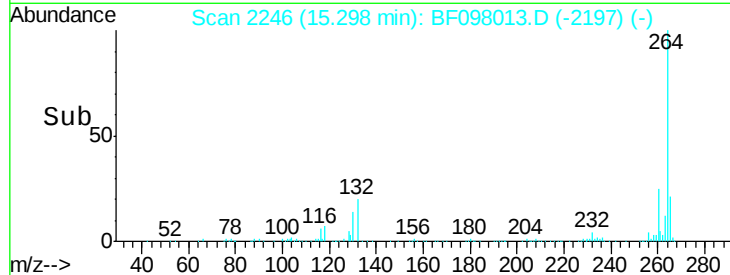
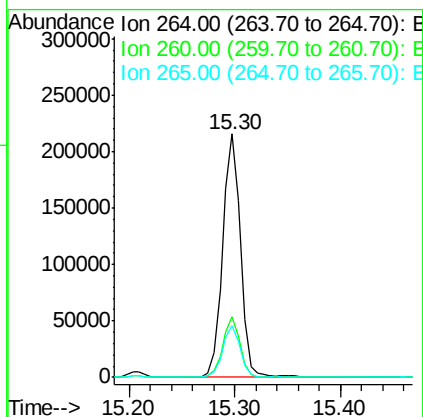
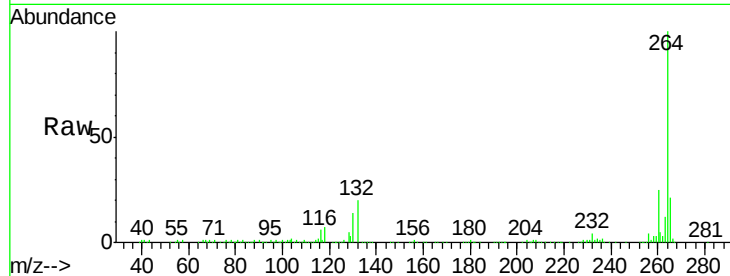




#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.30 min Scan# 2246
Delta R.T. -0.01 min
Lab File: BF098013.D
Acq: 24 Aug 2017 20:30

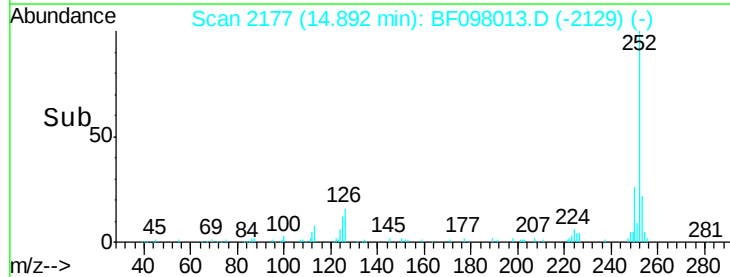
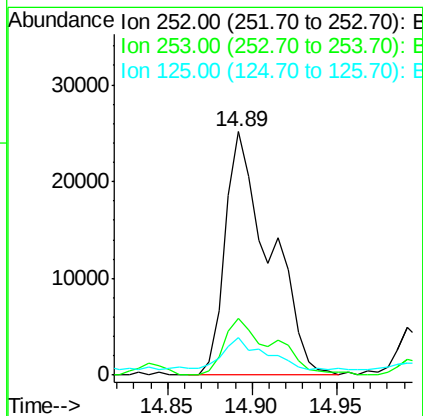
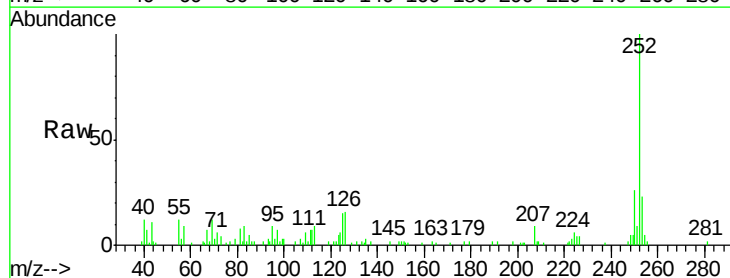
Instrument :
BNA_F
ClientSampleId :
RWB-7

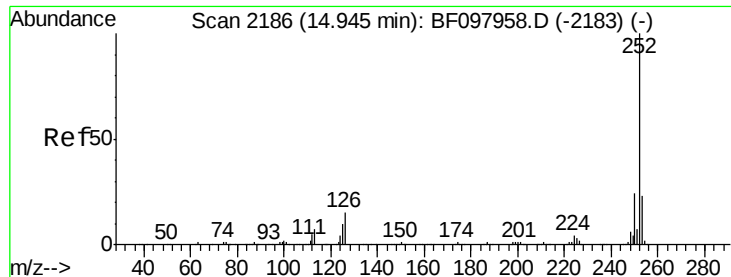
Tot Ion:264 Resp: 253723
Ion Ratio Lower Upper
264 100
260 24.7 19.5 29.3
265 21.3 17.2 25.8



#87
Benzo(b)fluoranthene
Concen: 2.86 ng
RT: 14.89 min Scan# 2177
Delta R.T. -0.02 min
Lab File: BF098013.D
Acq: 24 Aug 2017 20:30

Tgt Ion:252 Resp: 45784
Ion Ratio Lower Upper
252 100
253 23.1 18.1 27.1
125 15.4 9.8 14.8#

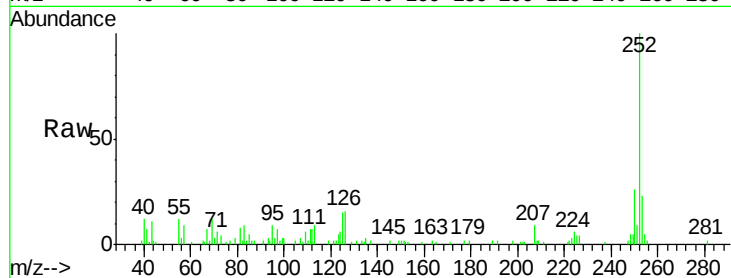




#88
 Benzo(k)fluoranthene
 Concen: 3.05 ng
 RT: 14.89 min Scan# 2177
 Delta R.T. -0.05 min
 Lab File: BF098013.D
 Acq: 24 Aug 2017 20:30

Instrument :
 BNA_F
 ClientSampleId :
 RWB-7

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.1	18.4	27.6
125	15.4	13.1	19.7



Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

