

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF090717\
 Data File : BF098318.D
 Acq On : 7 Sep 2017 17:20
 Operator : SJ/JU
 Sample : I5093-04RE
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 AU-06-090117-B

Quant Time: Sep 07 17:47:29 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 05 17:28:20 2017
 Response via : Initial Calibration

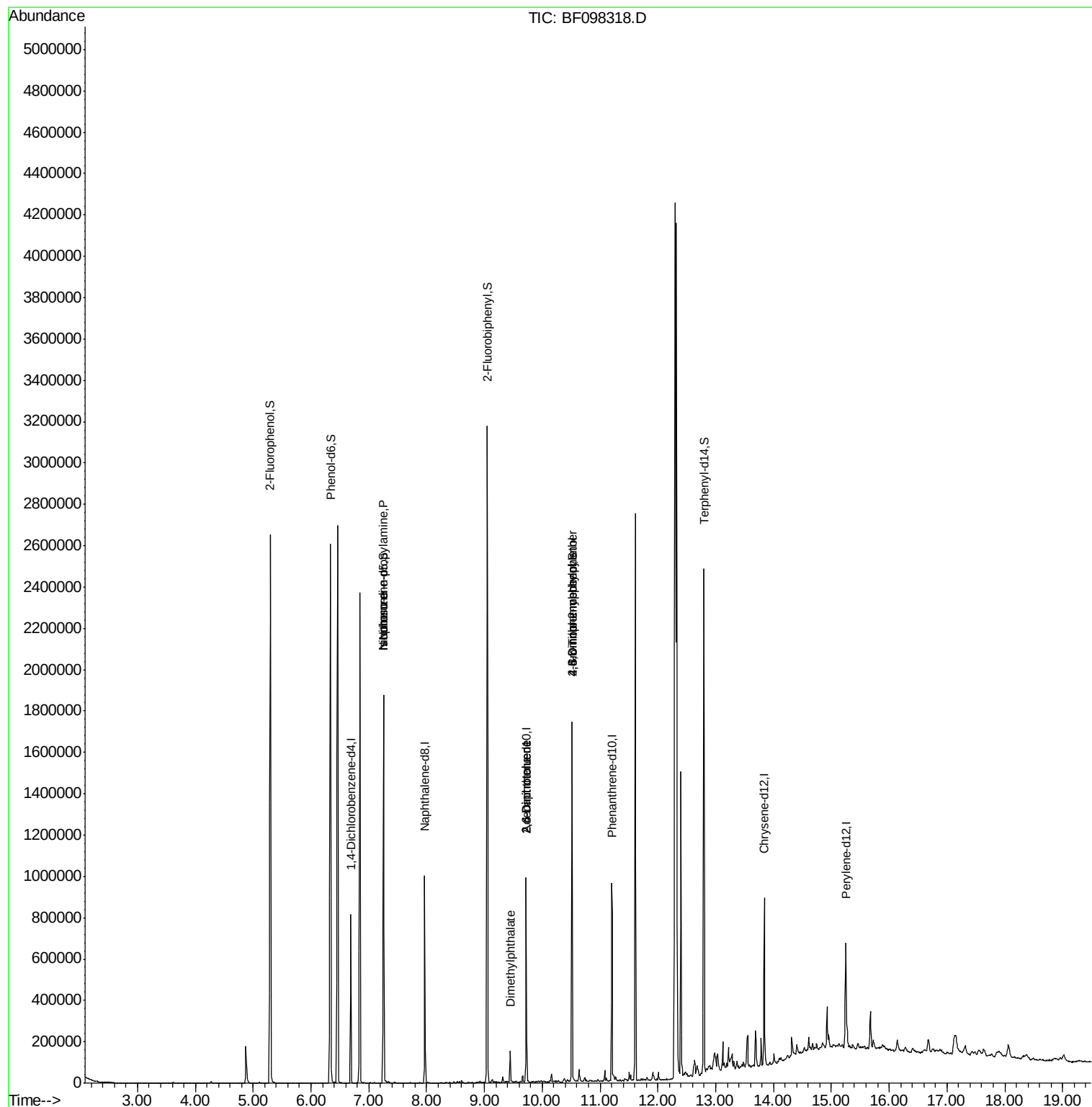
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.69	152	110470	20.00	ng	-0.02
21) Naphthalene-d8	7.97	136	430597	20.00	ng	-0.02
38) Acenaphthene-d10	9.72	164	186418	20.00	ng	-0.02
63) Phenanthrene-d10	11.20	188	331834	20.00	ng	-0.02
75) Chrysene-d12	13.84	240	259770	20.00	ng	-0.02
86) Perylene-d12	15.25	264	213989	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	829109	114.16	ng	0.00
7) Phenol-d6	6.34	99	1145167	116.05	ng	-0.01
23) Nitrobenzene-d5	7.26	82	710110	89.59	ng	-0.02
41) 2,4,6-Tribromophenol	10.52	330	208087	128.65	ng	-0.02
44) 2-Fluorobiphenyl	9.05	172	1027757	81.00	ng	-0.02
78) Terphenyl-d14	12.80	244	774081	62.14	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.26	70	93238	13.803	ng	# 70
25) Isophorone	7.26	82	706704	42.878	ng	# 67
49) Dimethylphthalate	9.45	163	51682	3.793	ng	# 99
50) 2,6-Dinitrotoluene	9.72	165	24996	9.190	ng	# 34
56) 2,4-Dinitrotoluene	9.72	165	24996	7.323	ng	# 33
64) 4,6-Dinitro-2-methylphenol	10.52	198	331	8.496	ng	# 1
66) 4-Bromophenyl-phenylether	10.52	248	13316	3.864	ng	# 1

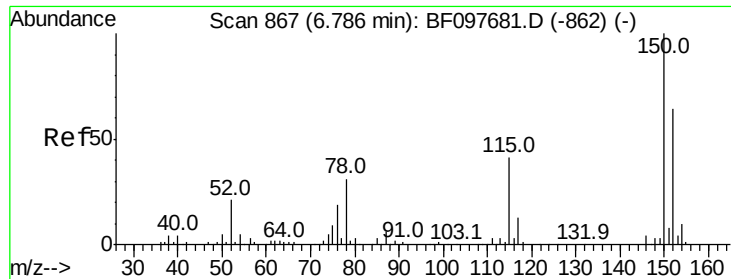
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF090717\
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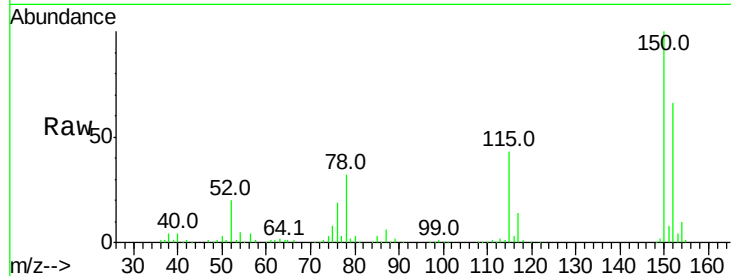


#1

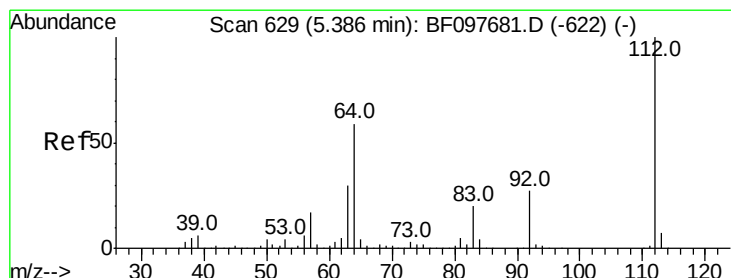
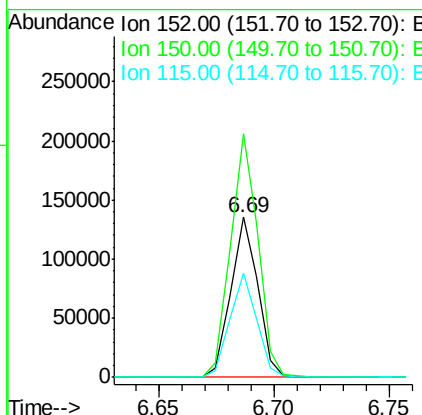
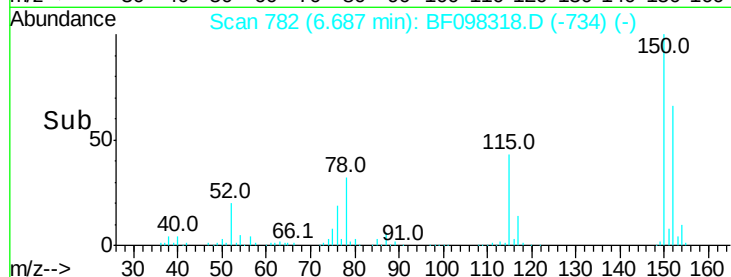
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.69 min Scan# 782
Delta R.T. -0.02 min
Lab File: BF098318.D
Acq: 7 Sep 2017 17:20

Instrument :
BNA_F
ClientSampleId :
AU-06-090117-B

Tot Ion:152 Resp: 110470
Ion Ratio Lower Upper
152 100
150 152.4 126.2 189.2
115 64.9 52.2 78.2



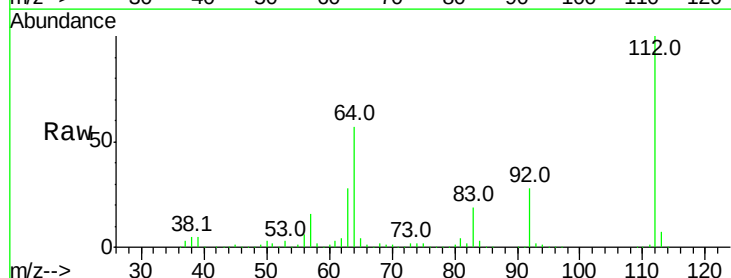
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



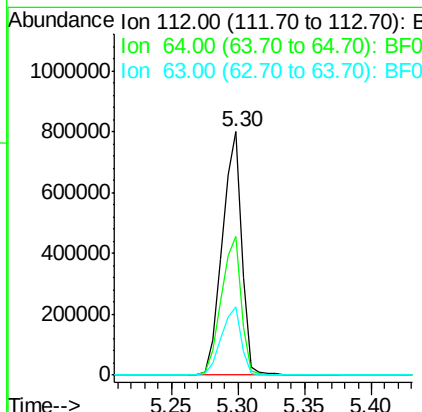
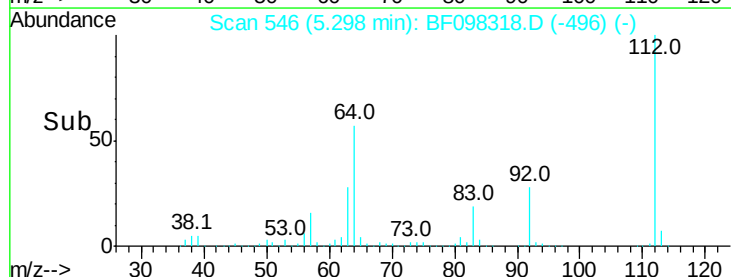
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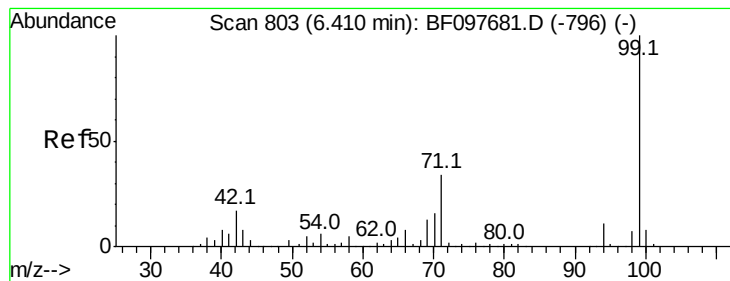
2-Fluorophenol
Concen: 114.161 ng
RT: 5.30 min Scan# 546
Delta R.T. -0.01 min
Lab File: BF098318.D
Acq: 7 Sep 2017 17:20

Tgt Ion:112 Resp: 829109
Ion Ratio Lower Upper
112 100
64 56.8 46.0 69.0
63 28.1 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: 116.050 ng

RT: 6.34 min Scan# 723

Delta R.T. -0.01 min

Lab File: BF098318.D

Acq: 7 Sep 2017 17:20

Instrument :

BNA_F

ClientSampleId :

AU-06-090117-B

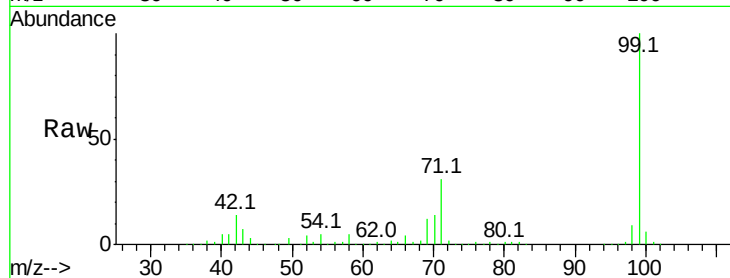
Tot Ion: 99 Resp: 1145167

Ion Ratio Lower Upper

99 100

42 13.7 13.5 20.3

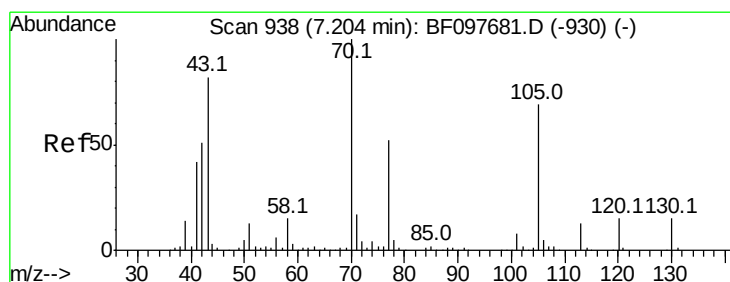
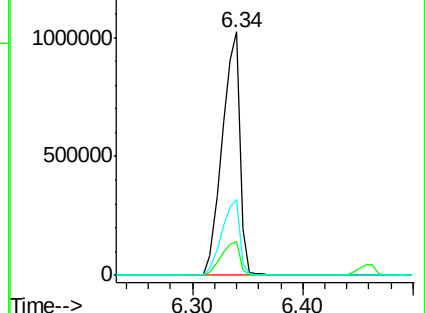
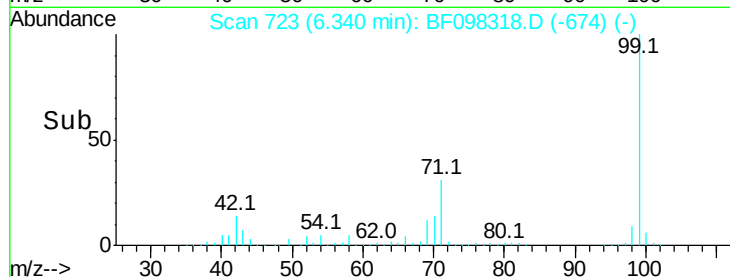
71 31.3 24.5 36.7



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



#19

n-Nitroso-di-n-propylamine

Concen: 13.803 ng

RT: 7.26 min Scan# 879

Delta R.T. 0.13 min

Lab File: BF098318.D

Acq: 7 Sep 2017 17:20

Tgt Ion: 70 Resp: 93238

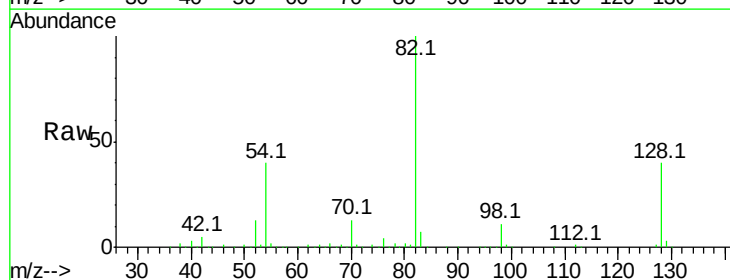
Ion Ratio Lower Upper

70 100

42 37.7 47.2 70.8#

101 0.0 7.2 10.8#

130 2.0 15.9 23.9#

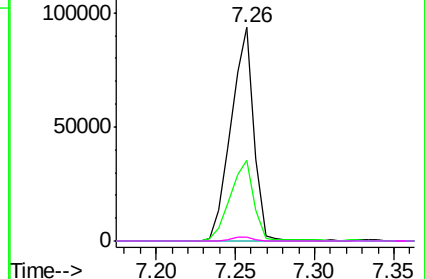
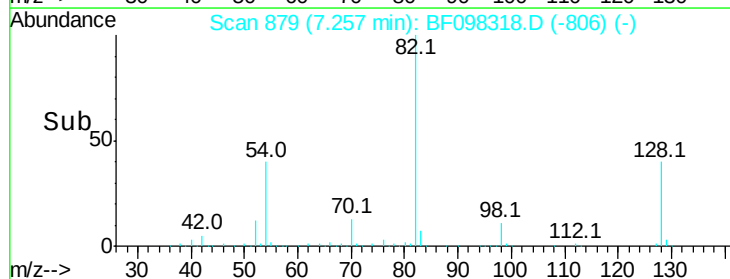


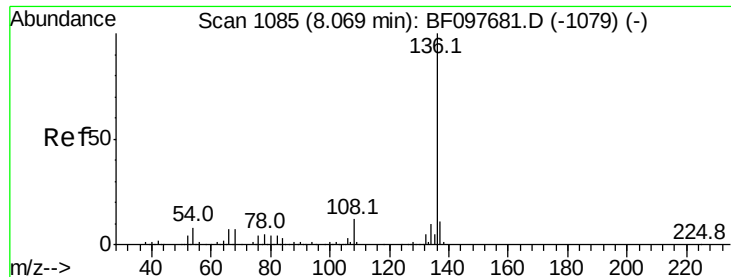
Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0

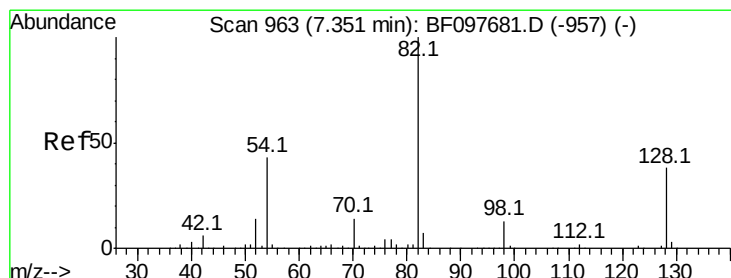
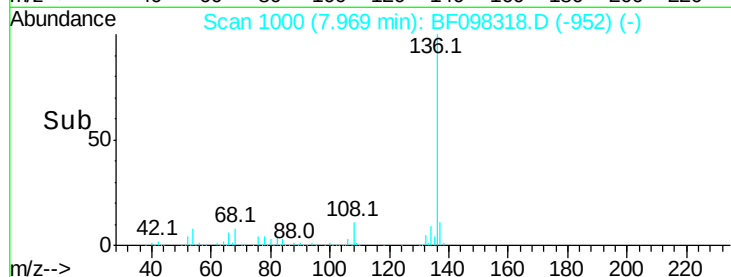
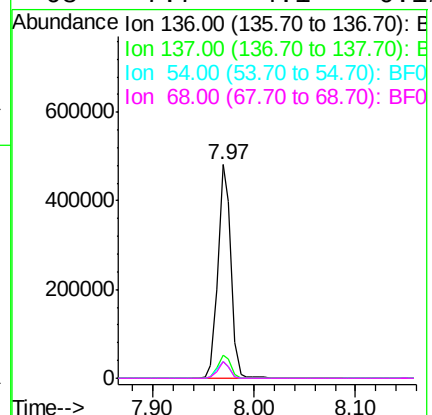
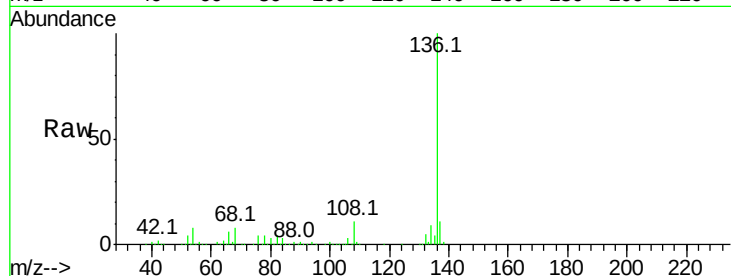




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.97 min Scan# 1000
Delta R.T. -0.02 min
Lab File: BF098318.D
Acq: 7 Sep 2017 17:20

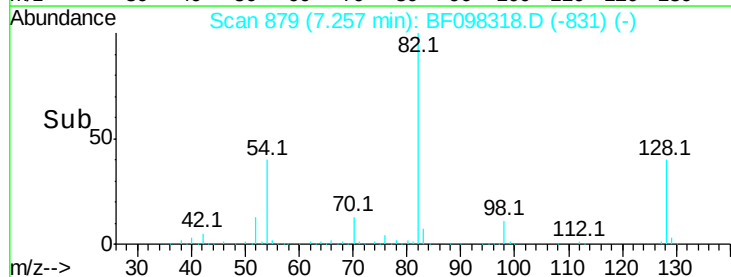
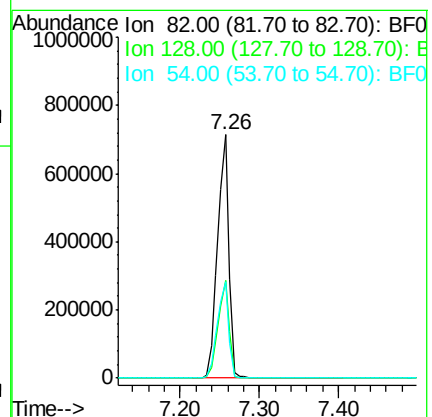
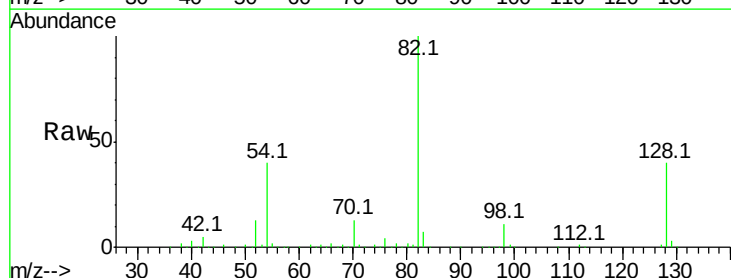
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AU-06-090117-B

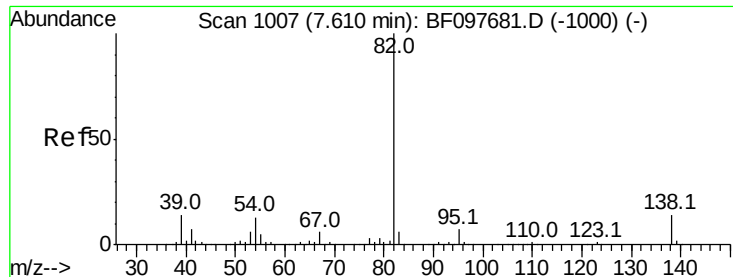
Tot Ion:	136	Resp:	430597
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.5	12.7
54	7.8	4.9	7.3#
68	7.7	4.1	6.1#



#23
Nitrobenzene-d5
Concen: 89.588 ng
RT: 7.26 min Scan# 879
Delta R.T. -0.02 min
Lab File: BF098318.D
Acq: 7 Sep 2017 17:20

Tgt Ion:	82	Resp:	710110
Ion	Ratio	Lower	Upper
82	100		
128	40.1	34.0	51.0
54	39.8	42.2	63.2#

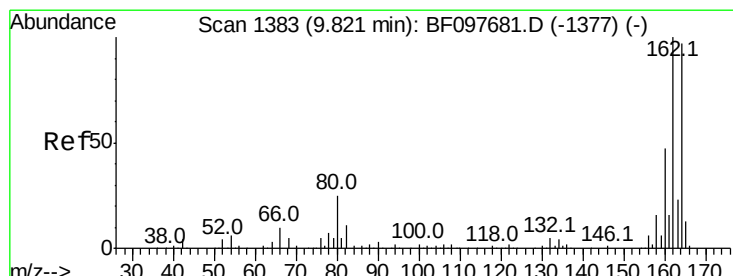
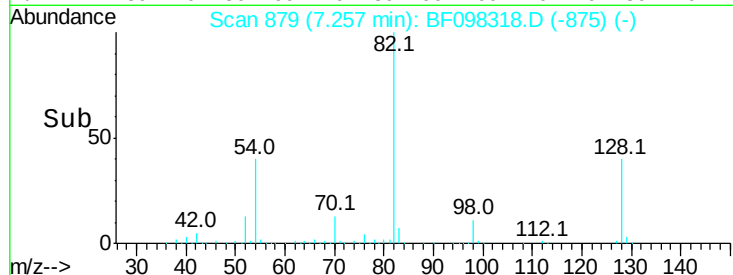
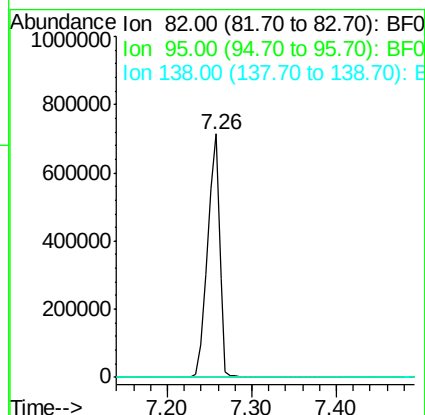
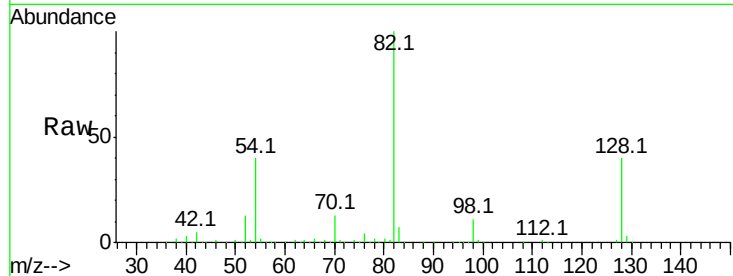




#25
Isophorone
Concen: 42.878 ng
RT: 7.26 min Scan# 879
Delta R.T. -0.28 min
Lab File: BF098318.D
Acq: 7 Sep 2017 17:20

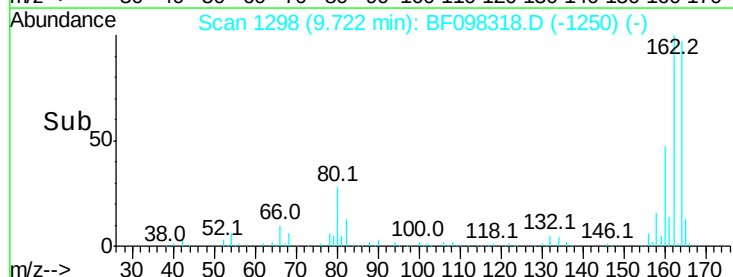
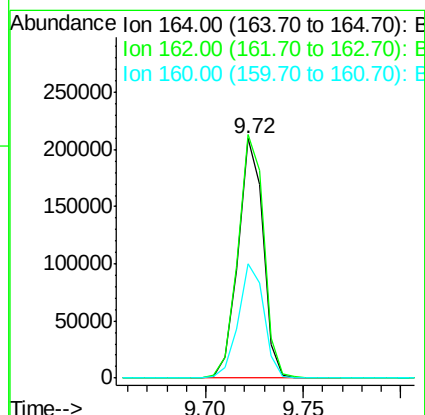
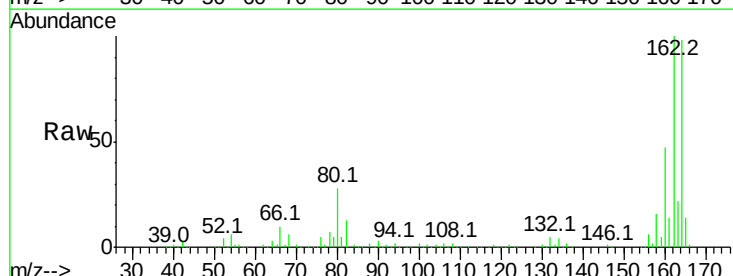
Instrument :
BNA_F
ClientSampleId :
AU-06-090117-B

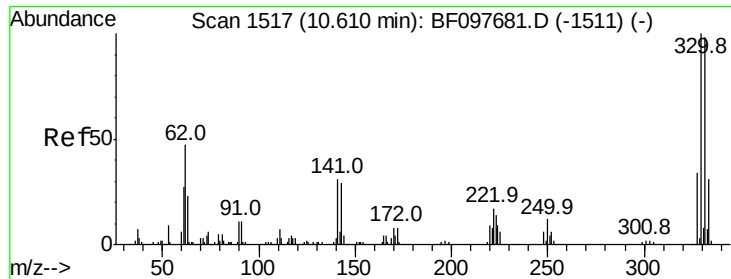
Tot Ion: 82 Resp: 706704
Ion Ratio Lower Upper
82 100
95 0.0 5.3 7.9#
138 0.0 13.1 19.7#



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.72 min Scan# 1298
Delta R.T. -0.02 min
Lab File: BF098318.D
Acq: 7 Sep 2017 17:20

Tgt Ion:164 Resp: 186418
Ion Ratio Lower Upper
164 100
162 101.6 82.6 123.8
160 47.5 36.2 54.2

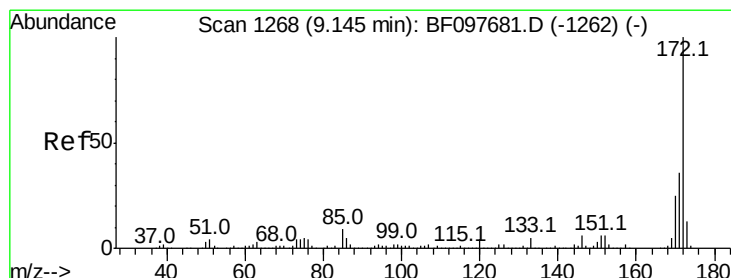
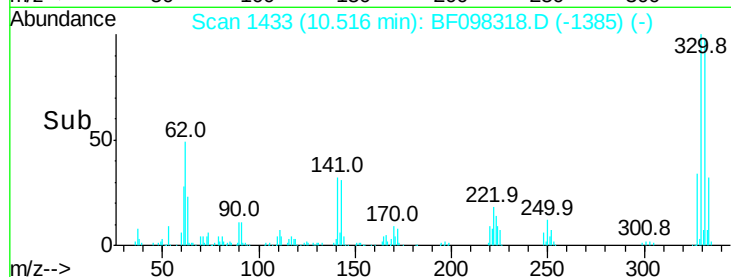
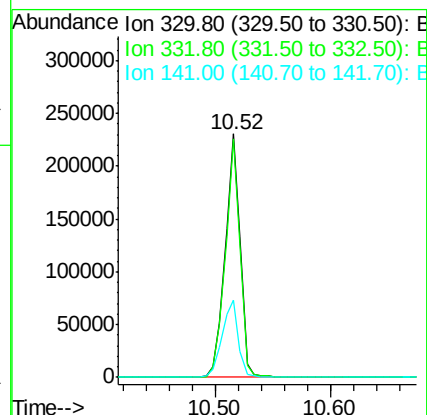
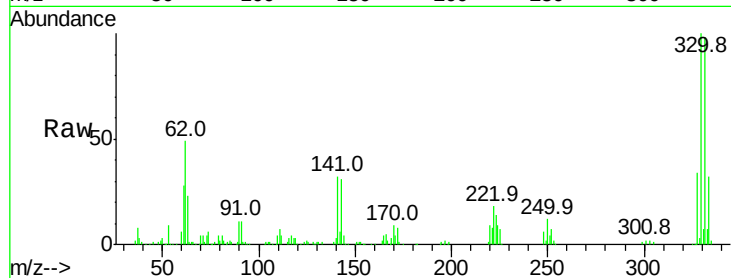




#41
 2,4,6-Tribromophenol
 Concen: 128.649 ng
 RT: 10.52 min Scan# 1433
 Delta R.T. -0.02 min
 Lab File: BF098318.D
 Acq: 7 Sep 2017 17:20

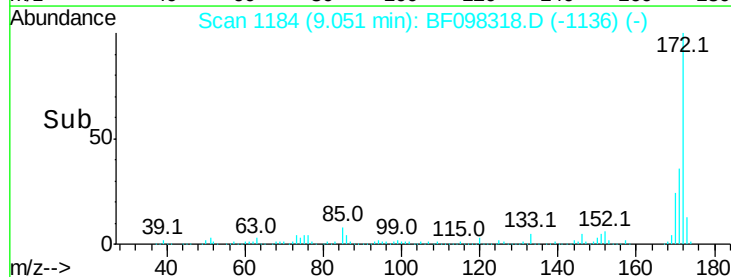
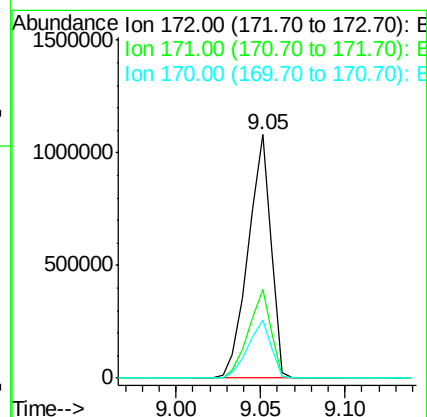
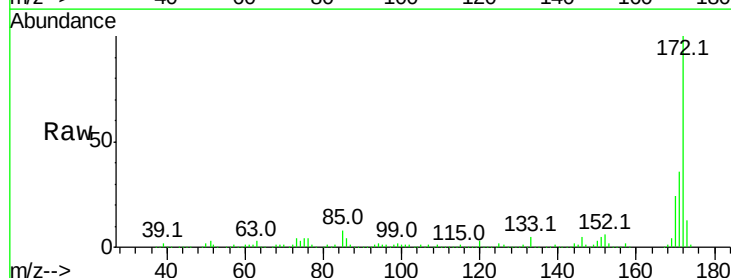
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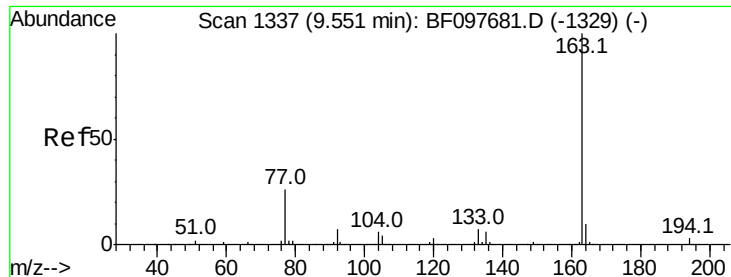
Tot Ion:330 Resp: 208087
 Ion Ratio Lower Upper
 330 100
 332 96.4 76.6 115.0
 141 34.2 31.4 47.2



#44
 2-Fluorobiphenyl
 Concen: 81.000 ng
 RT: 9.05 min Scan# 1184
 Delta R.T. -0.02 min
 Lab File: BF098318.D
 Acq: 7 Sep 2017 17:20

Tgt Ion:172 Resp: 1027757
 Ion Ratio Lower Upper
 172 100
 171 36.5 29.6 44.4
 170 24.0 19.8 29.8





#49

Dimethylphthalate

Concen: 3.793 ng

RT: 9.45 min Scan# 1251

Delta R.T. -0.03 min

Lab File: BF098318.D

Acq: 7 Sep 2017 17:20

Instrument :

BNA_F

ClientSampleId :

AU-06-090117-B

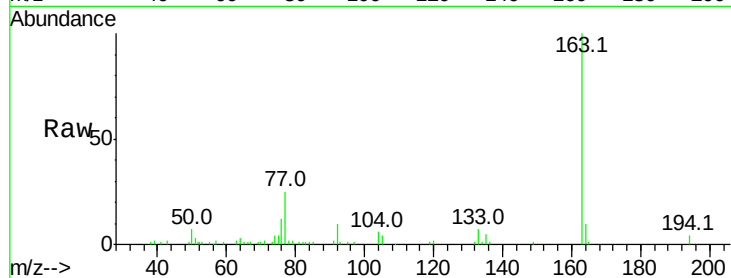
Tot Ion:163 Resp: 51682

Ion Ratio Lower Upper

163 100

194 3.6 2.6 4.0

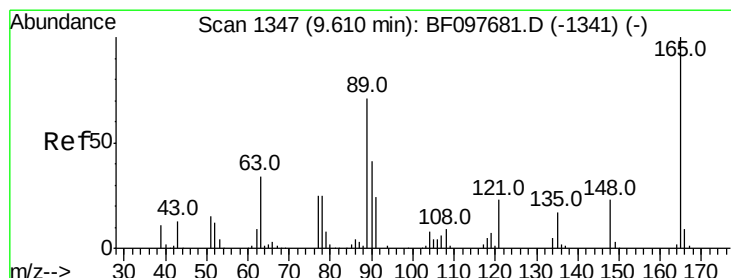
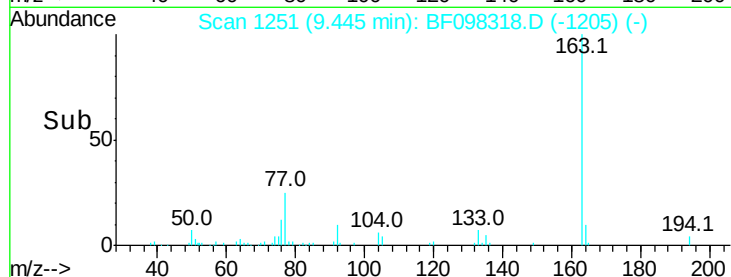
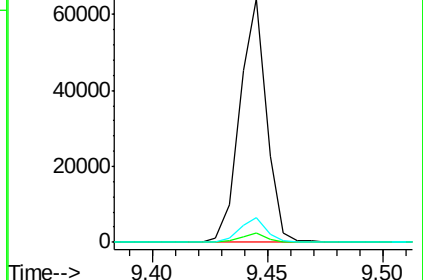
164 9.9 8.4 12.6



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



#50

2,6-Dinitrotoluene

Concen: 9.190 ng

RT: 9.72 min Scan# 1298

Delta R.T. 0.18 min

Lab File: BF098318.D

Acq: 7 Sep 2017 17:20

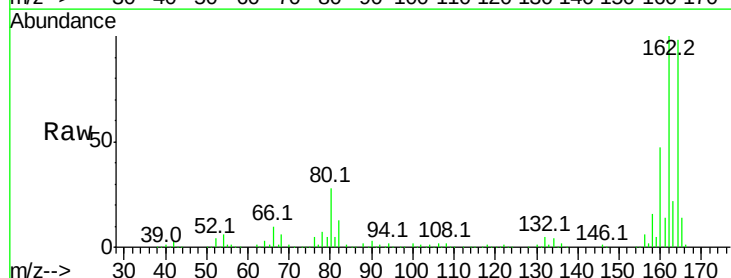
Tgt Ion:165 Resp: 24996

Ion Ratio Lower Upper

165 100

63 1.1 34.3 51.5#

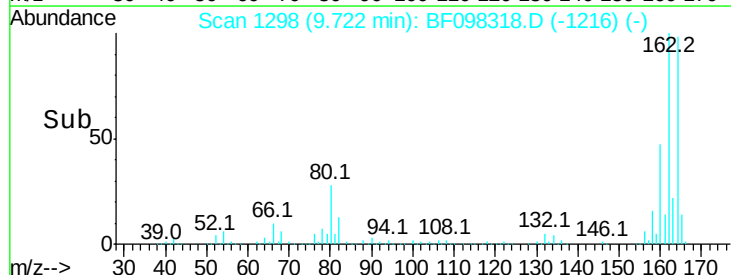
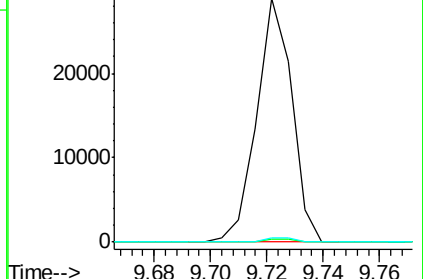
89 1.7 37.1 55.7#

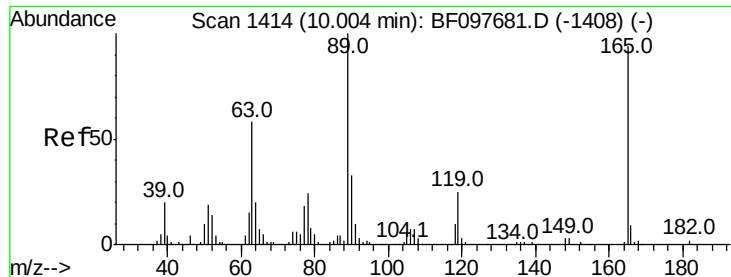


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

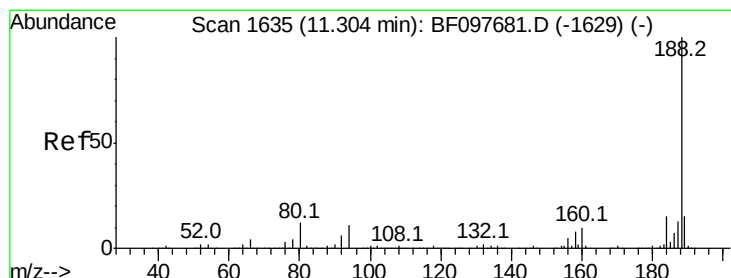
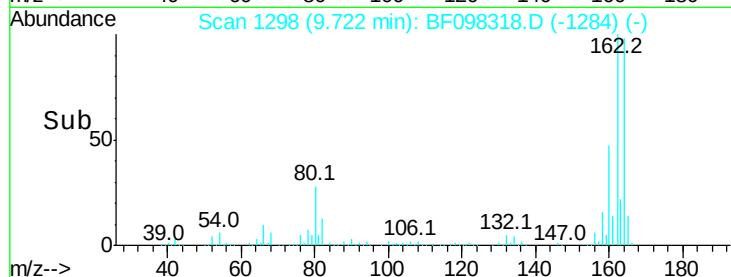
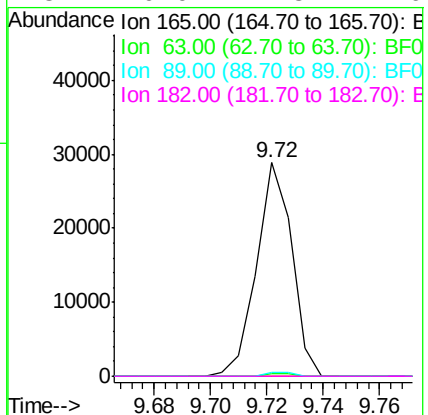
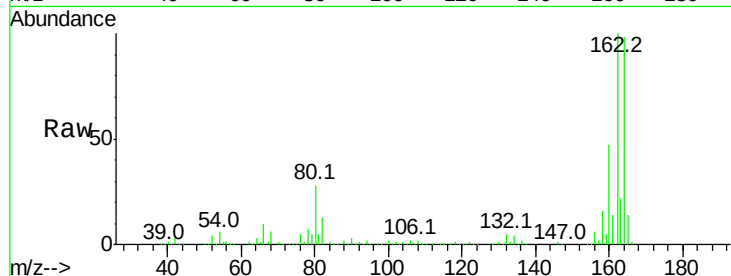




#56
 2,4-Dinitrotoluene
 Concen: 7.323 ng
 RT: 9.72 min Scan# 1298
 Delta R.T. -0.22 min
 Lab File: BF098318.D
 Acq: 7 Sep 2017 17:20

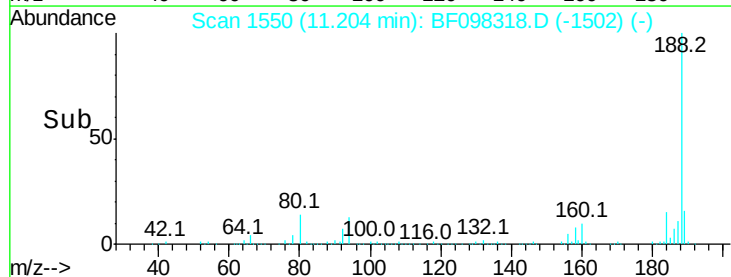
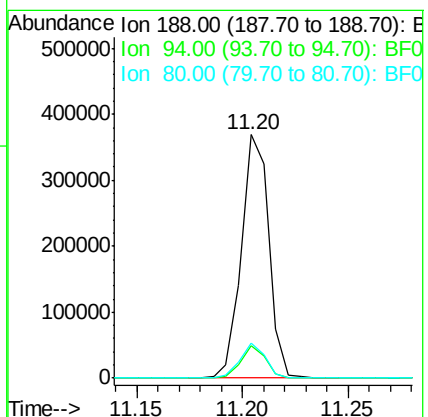
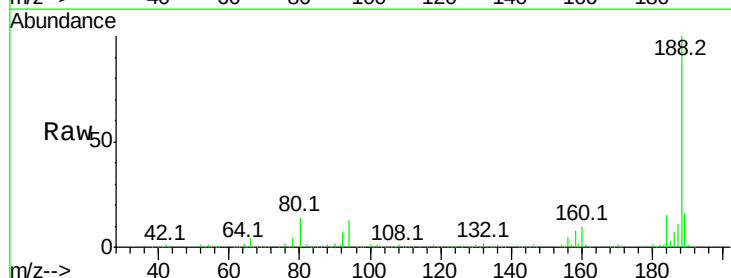
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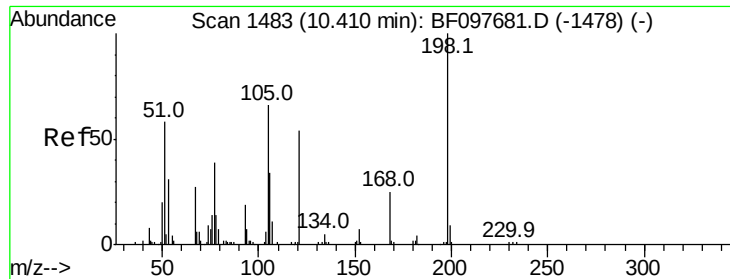
Tot Ion:165 Resp: 24996
 Ion Ratio Lower Upper
 165 100
 63 1.1 25.4 38.0#
 89 1.7 46.4 69.6#
 182 0.0 1.8 2.6#



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.20 min Scan# 1550
 Delta R.T. -0.02 min
 Lab File: BF098318.D
 Acq: 7 Sep 2017 17:20

Tgt Ion:188 Resp: 331834
 Ion Ratio Lower Upper
 188 100
 94 13.3 9.4 14.2
 80 14.4 10.2 15.2

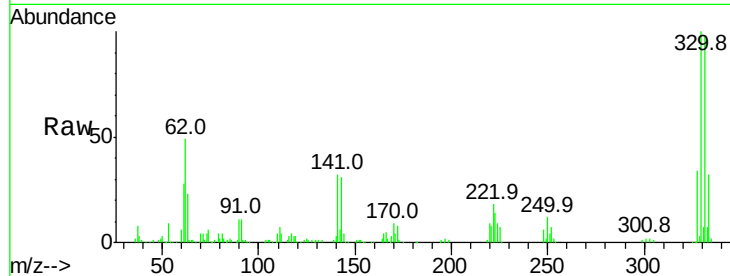




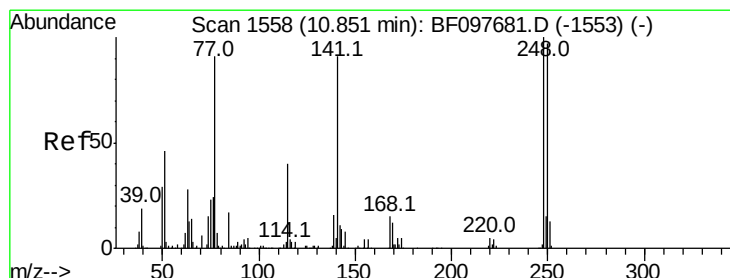
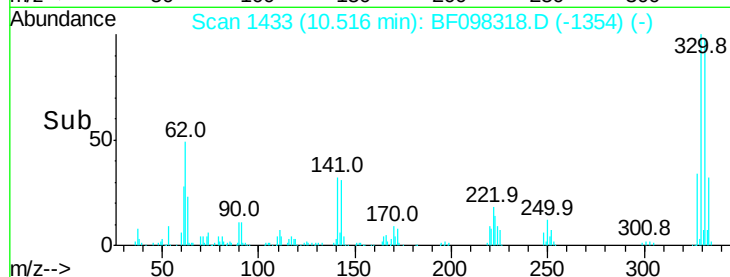
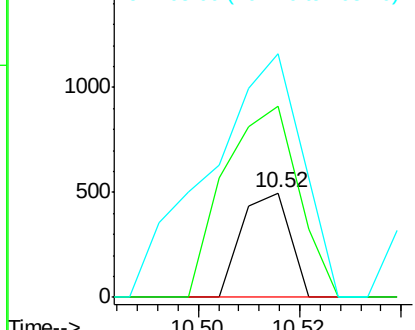
#64
 4,6-Dinitro-2-methylphenol
 Concen: 8.496 ng
 RT: 10.52 min Scan# 1433
 Delta R.T. 0.16 min
 Lab File: BF098318.D
 Acq: 7 Sep 2017 17:20

Instrument :
 BNA_F
 ClientSampleId :
 AU-06-090117-B

Tot Ion	Ratio	Lower	Upper
198	100		
51	183.0	53.2	93.2#
105	232.7	45.8	85.8#

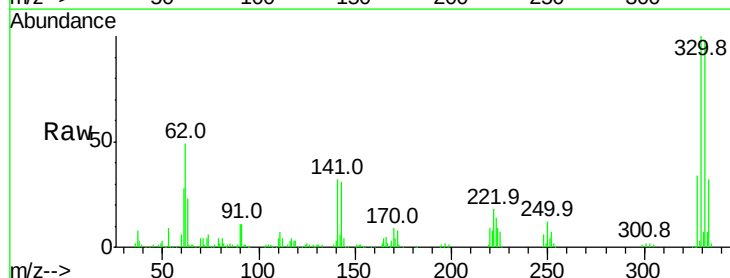


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF0
 Ion 105.00 (104.70 to 105.70): E

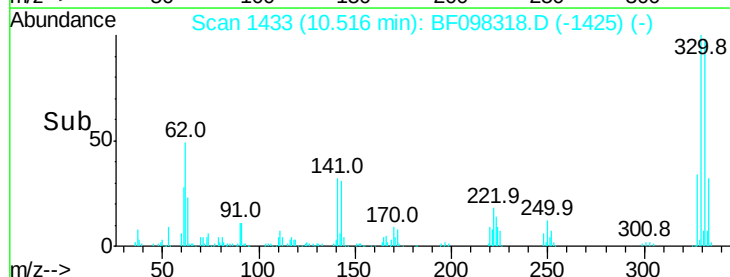
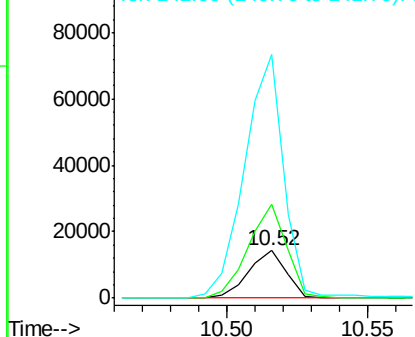


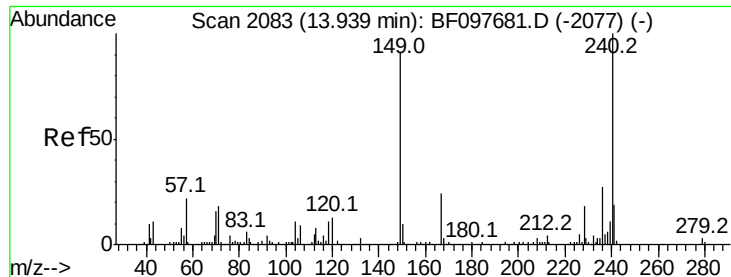
#66
 4-Bromophenyl-phenylether
 Concen: 3.864 ng
 RT: 10.52 min Scan# 1433
 Delta R.T. -0.25 min
 Lab File: BF098318.D
 Acq: 7 Sep 2017 17:20

Tgt Ion	Ratio	Lower	Upper
248	100		
250	197.9	76.8	115.2#
141	510.7	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: 20.000 ng

RT: 13.84 min Scan# 1998

Delta R.T. -0.02 min

Lab File: BF098318.D

Acq: 7 Sep 2017 17:20

Instrument :

BNA_F

ClientSampleId :

AU-06-090117-B

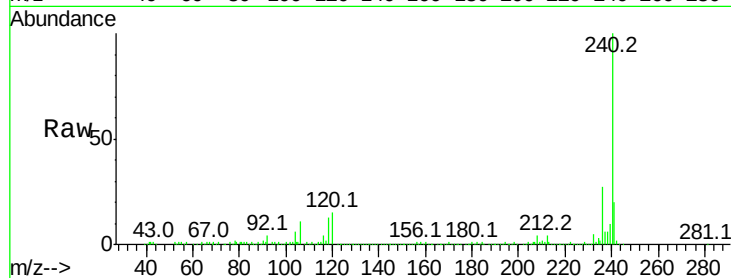
Tot Ion:240 Resp: 259770

Ion Ratio Lower Upper

240 100

120 15.5 5.8 8.8#

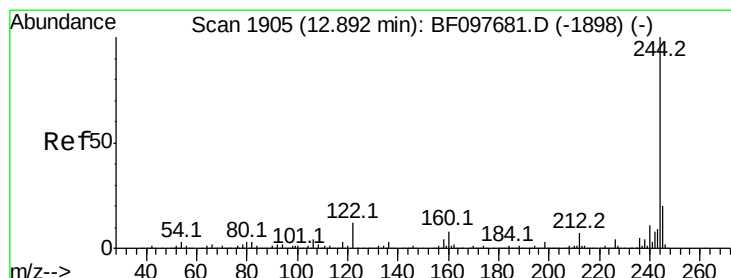
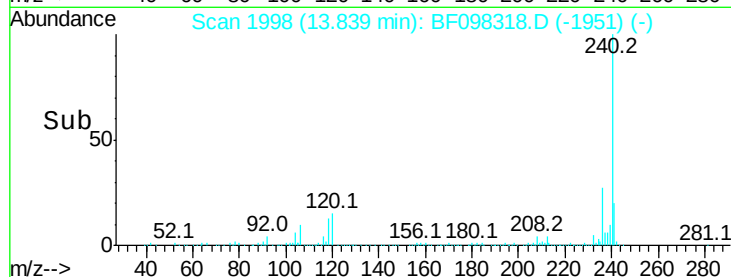
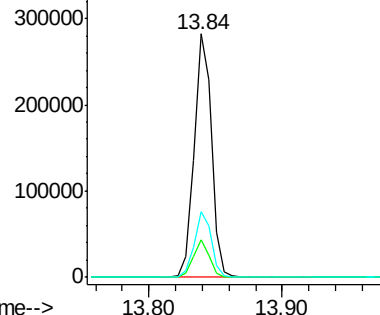
236 26.7 20.5 30.7



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: 62.140 ng

RT: 12.80 min Scan# 1821

Delta R.T. -0.01 min

Lab File: BF098318.D

Acq: 7 Sep 2017 17:20

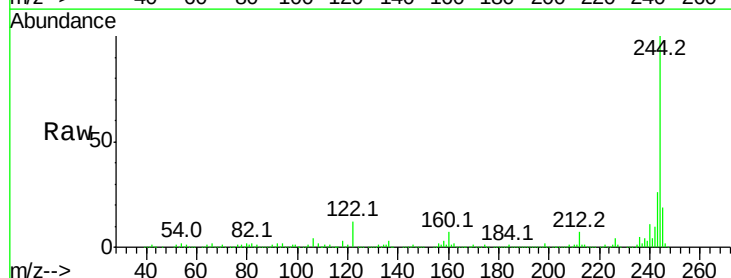
Tgt Ion:244 Resp: 774081

Ion Ratio Lower Upper

244 100

212 7.1 6.0 9.0

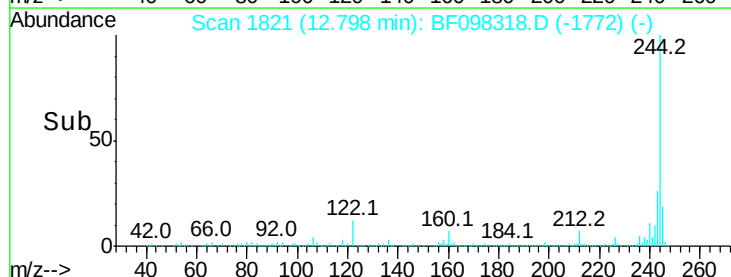
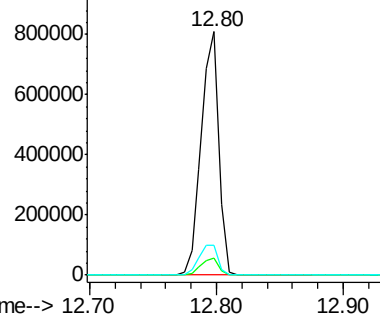
122 12.2 10.3 15.5

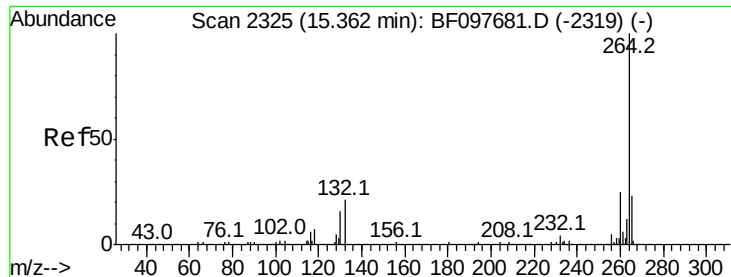


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.25 min Scan# 2238
Delta R.T. -0.01 min
Lab File: BF098318.D
Acq: 7 Sep 2017 17:20

Instrument :
BNA_F
ClientSampleId :
AU-06-090117-B

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.5	29.3
265	20.7	17.2	25.8

