

Data Path : Z:\HPCHEM1\BNA F\DATA\BF090617\
 Data File : BF098286.D
 Acq On : 6 Sep 2017 21:34
 Operator : SJ/JU
 Sample : I5093-04
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

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

Quant Time: Sep 07 03:40:11 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

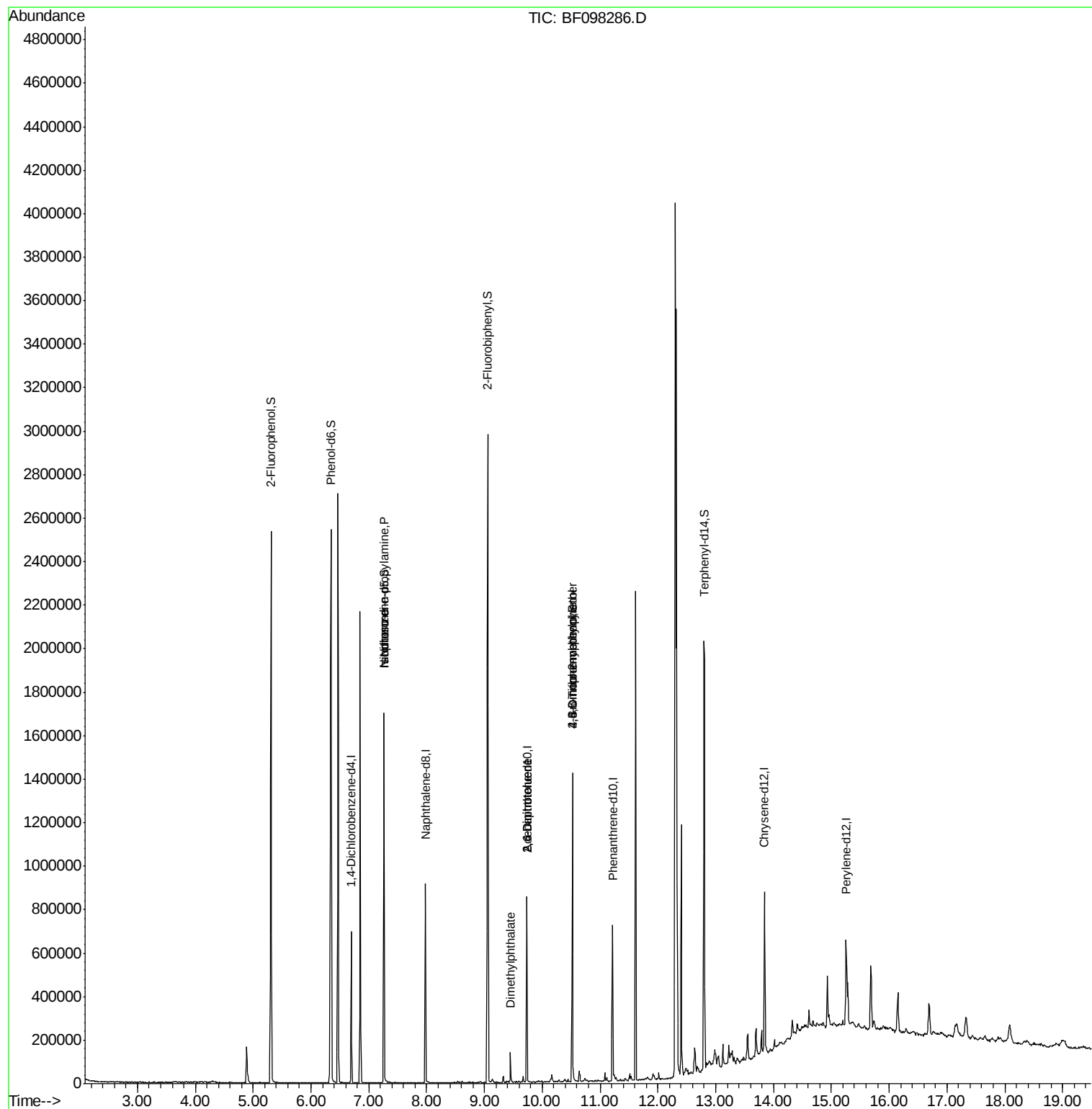
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	102592	20.00	ng	0.00
21) Naphthalene-d8	7.98	136	391282	20.00	ng	0.00
38) Acenaphthene-d10	9.73	164	156274	20.00	ng	0.00
63) Phenanthrene-d10	11.22	188	251395	20.00	ng	0.00
75) Chrysene-d12	13.84	240	235516	20.00	ng	-0.02
86) Perylene-d12	15.26	264	168436	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.31	112	795600	117.96	ng	0.00
7) Phenol-d6	6.35	99	1076243	117.44	ng	0.00
23) Nitrobenzene-d5	7.26	82	648752	90.07	ng	-0.01
41) 2,4,6-Tribromophenol	10.52	330	157601	116.23	ng	-0.01
44) 2-Fluorobiphenyl	9.06	172	915183	86.04	ng	-0.01
78) Terphenyl-d14	12.80	244	638223	56.51	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.26	70	85576	13.64	ng	# 71
25) Isophorone	7.26	82	641974	42.86	ng	# 67
49) Dimethylphthalate	9.45	163	43415	3.80	ng	98
50) 2,6-Dinitrotoluene	9.73	165	19875	8.72	ng	# 34
56) 2,4-Dinitrotoluene	9.73	165	19875	6.95	ng	# 34
64) 4,6-Dinitro-2-methylphenol	10.52	198	203	8.46	ng	# 1
66) 4-Bromophenyl-phenylether	10.52	248	10525	4.03	ng	# 1

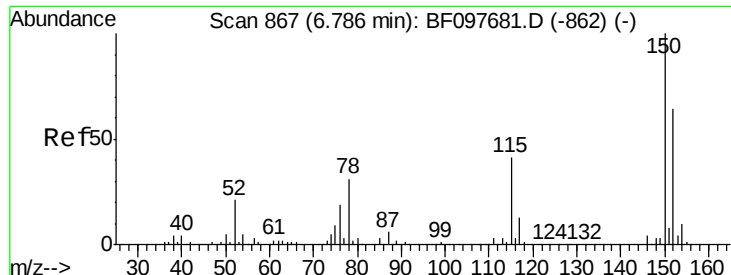
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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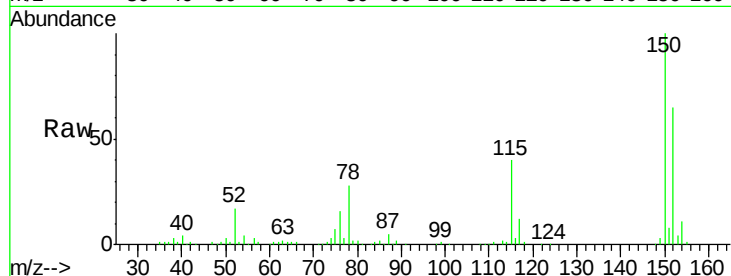


#1

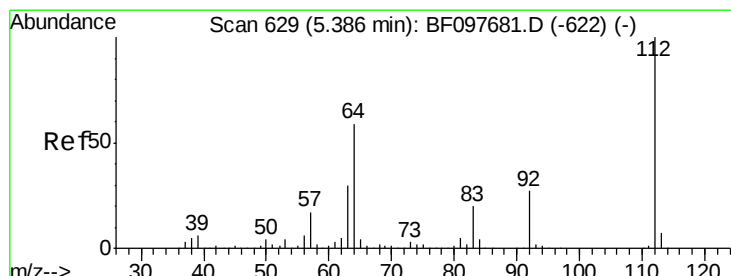
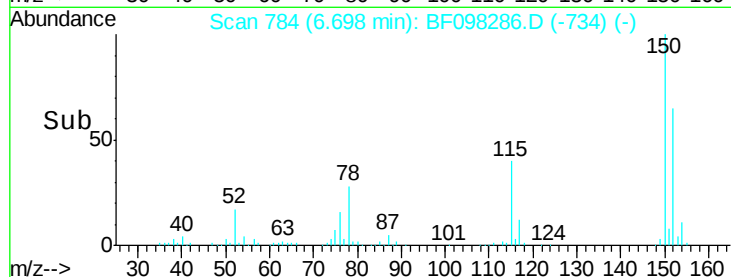
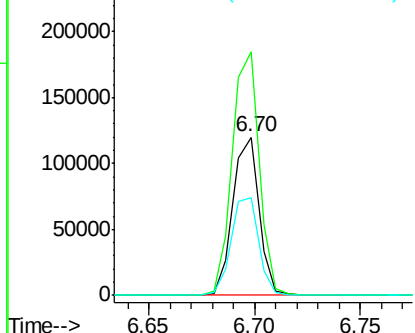
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.70 min Scan# 784
Delta R.T. -0.01 min
Lab File: BF098286.D
Acq: 6 Sep 2017 21:34

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

Tot Ion:152 Resp: 102592
Ion Ratio Lower Upper
152 100
150 153.9 126.2 189.2
115 61.7 52.2 78.2



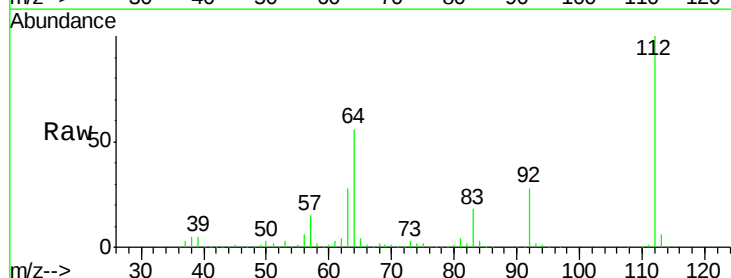
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



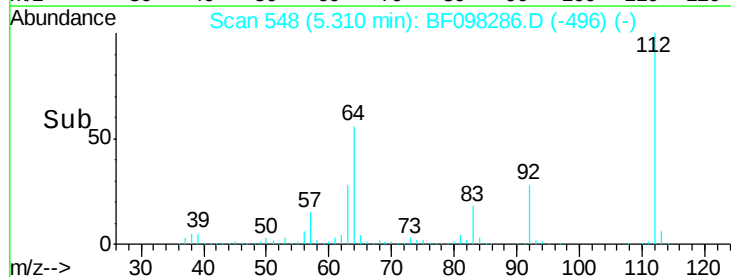
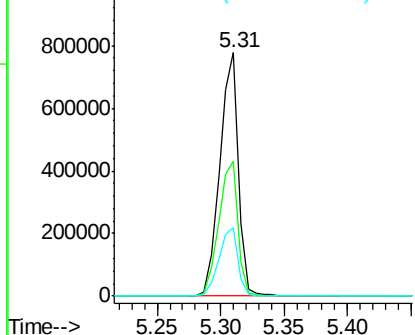
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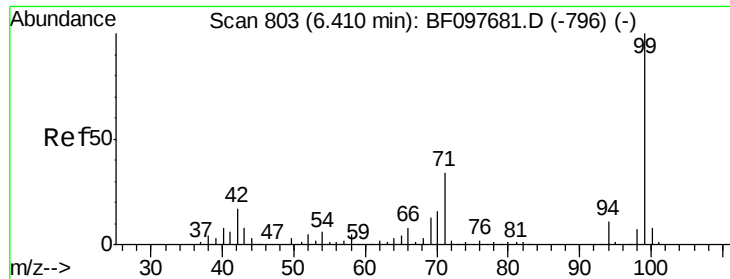
2-Fluorophenol
Concen: 117.96 ng
RT: 5.31 min Scan# 548
Delta R.T. 0.01 min
Lab File: BF098286.D
Acq: 6 Sep 2017 21:34

Tgt Ion:112 Resp: 795600
Ion Ratio Lower Upper
112 100
64 55.6 46.0 69.0
63 27.8 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: 117.44 ng

RT: 6.35 min Scan# 724

Delta R.T. -0.01 min

Lab File: BF098286.D

Acq: 6 Sep 2017 21:34

Instrument :

BNA_F

ClientSampleId :

AU-06-090117-B

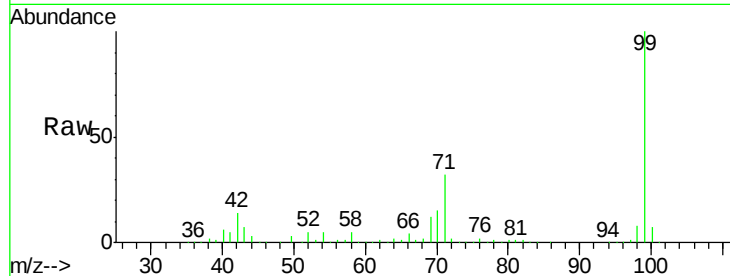
Tot Ion: 99 Resp: 1076243

Ion Ratio Lower Upper

99 100

42 14.4 13.5 20.3

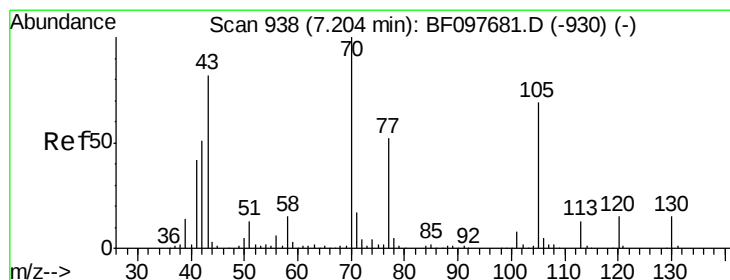
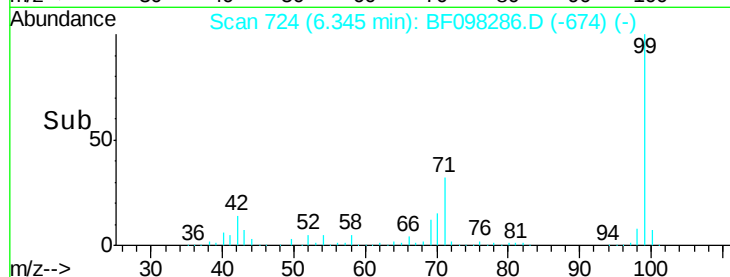
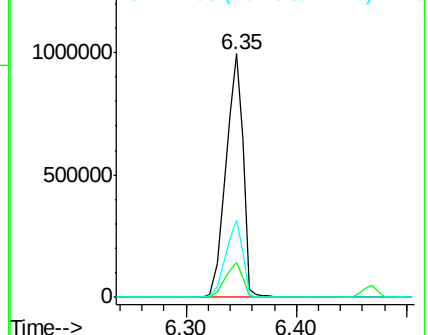
71 31.8 24.5 36.7



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



#19

n-Nitroso-di-n-propylamine

Concen: 13.64 ng

RT: 7.26 min Scan# 880

Delta R.T. 0.14 min

Lab File: BF098286.D

Acq: 6 Sep 2017 21:34

Tgt Ion: 70 Resp: 85576

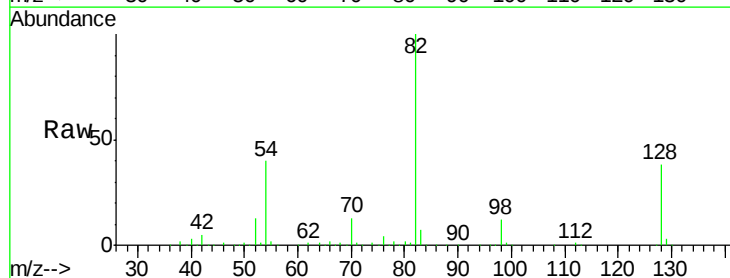
Ion Ratio Lower Upper

70 100

42 39.0 47.2 70.8#

101 0.0 7.2 10.8#

130 2.0 15.9 23.9#

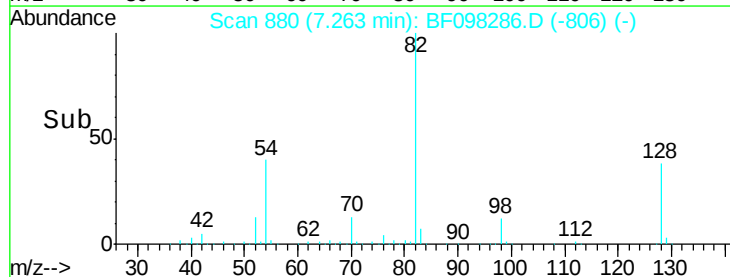
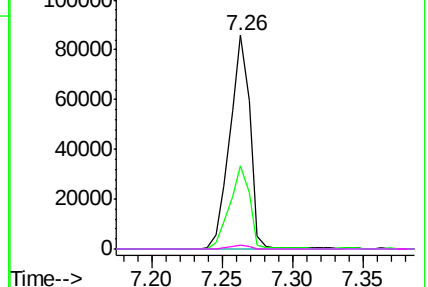


Abundance Ion 70.00 (69.70 to 70.70): BF0

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: 20.00 ng

RT: 7.98 min Scan# 1002

Delta R.T. -0.01 min

Lab File: BF098286.D

Acq: 6 Sep 2017 21:34

Instrument :

BNA_F

ClientSampleId :

AU-06-090117-B

Tot Ion:136 Resp: 391282

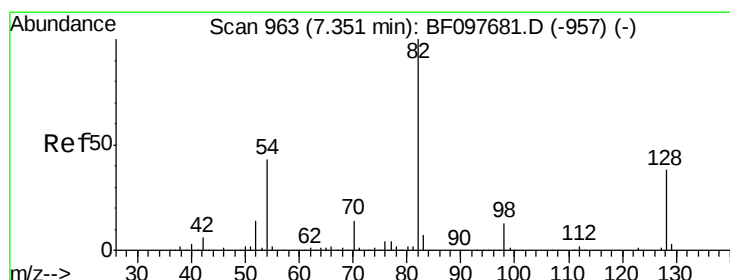
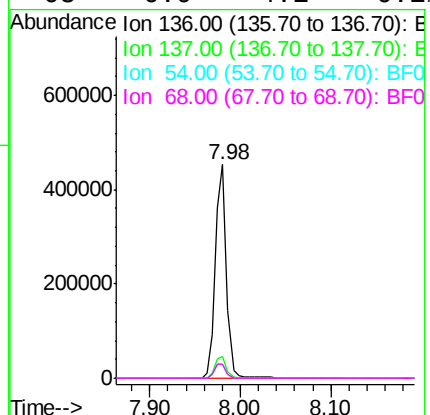
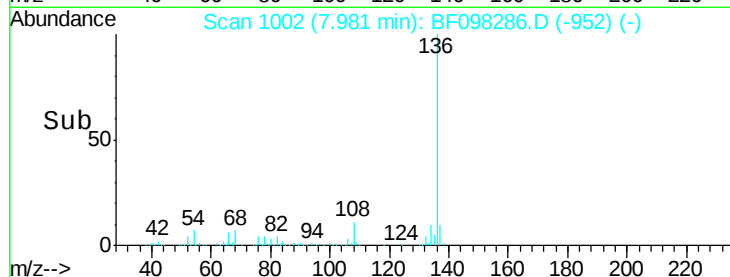
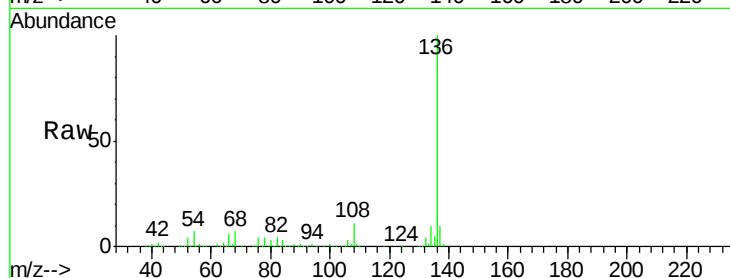
Ion Ratio Lower Upper

136 100

137 10.3 8.5 12.7

54 6.9 4.9 7.3

68 6.9 4.1 6.1#



#23

Nitrobenzene-d5

Concen: 90.07 ng

RT: 7.26 min Scan# 880

Delta R.T. -0.01 min

Lab File: BF098286.D

Acq: 6 Sep 2017 21:34

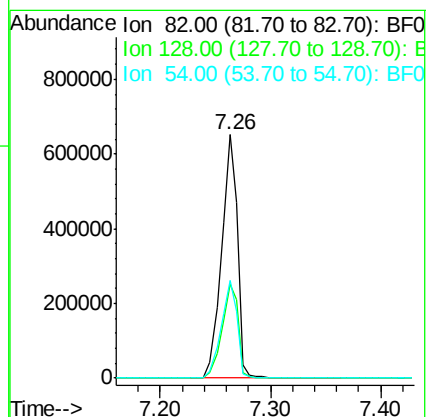
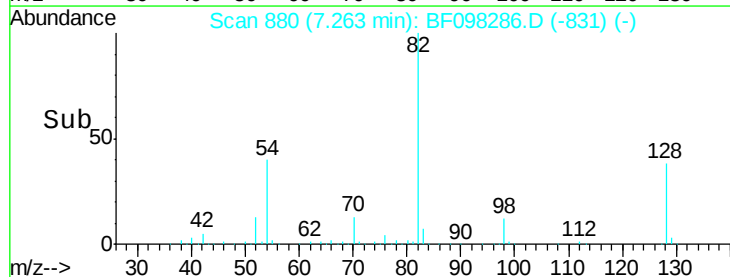
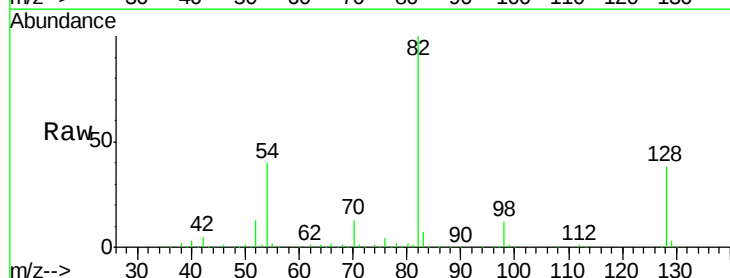
Tgt Ion: 82 Resp: 648752

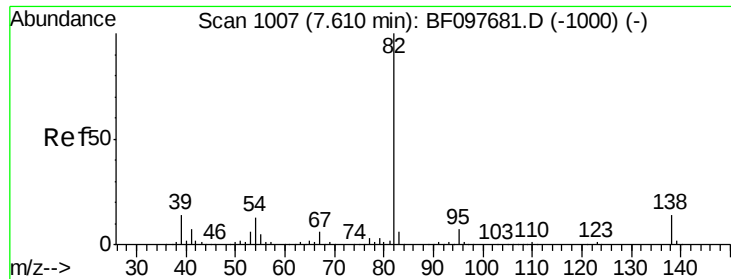
Ion Ratio Lower Upper

82 100

128 38.4 34.0 51.0

54 40.0 42.2 63.2#





#25

Isophorone

Concen: 42.86 ng

RT: 7.26 min Scan# 880

Delta R.T. -0.27 min

Lab File: BF098286.D

Acq: 6 Sep 2017 21:34

Instrument :

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ClientSampleId :

AU-06-090117-B

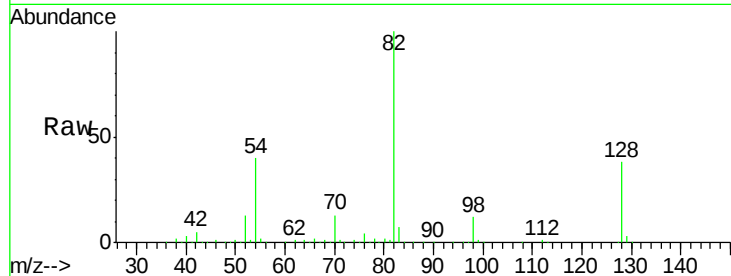
Tot Ion: 82 Resp: 641974

Ion Ratio Lower Upper

82 100

95 0.0 5.3 7.9#

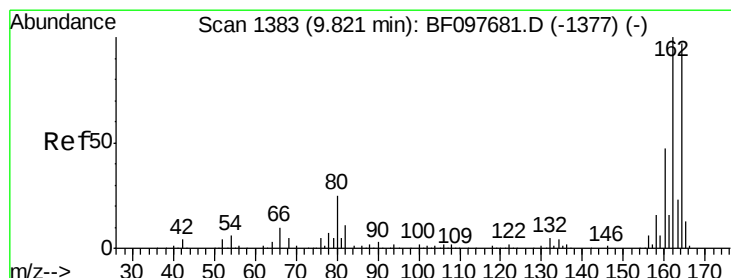
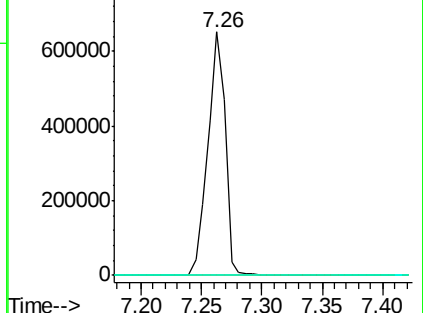
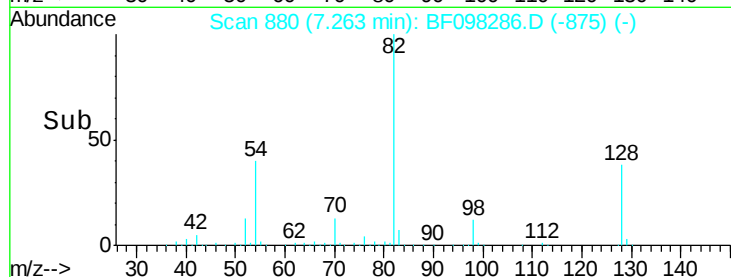
138 0.0 13.1 19.7#



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): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.73 min Scan# 1300

Delta R.T. -0.01 min

Lab File: BF098286.D

Acq: 6 Sep 2017 21:34

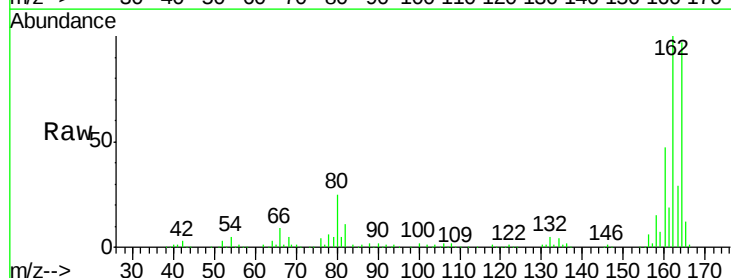
Tgt Ion: 164 Resp: 156274

Ion Ratio Lower Upper

164 100

162 103.0 82.6 123.8

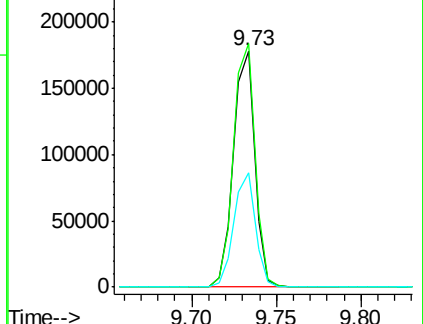
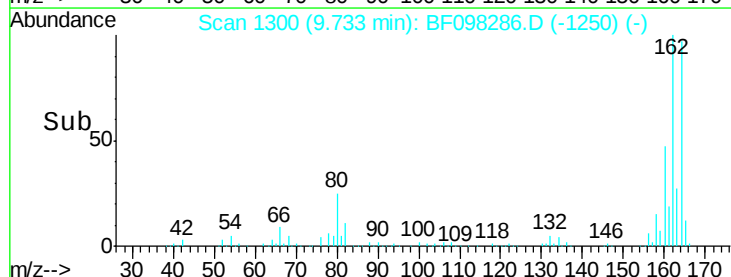
160 48.1 36.2 54.2

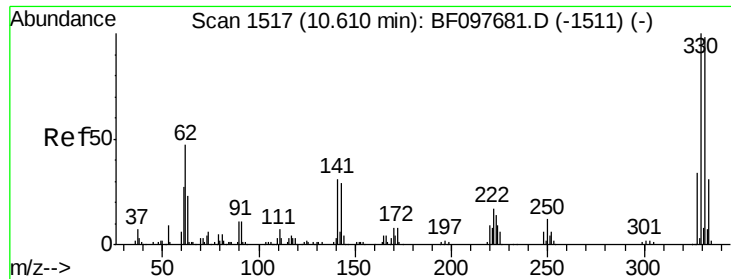


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

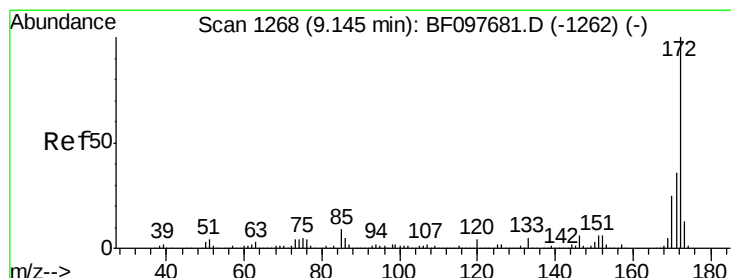
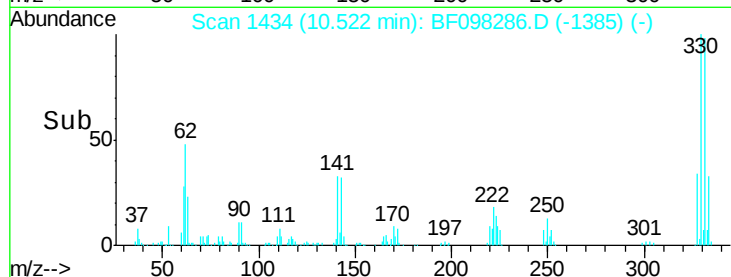
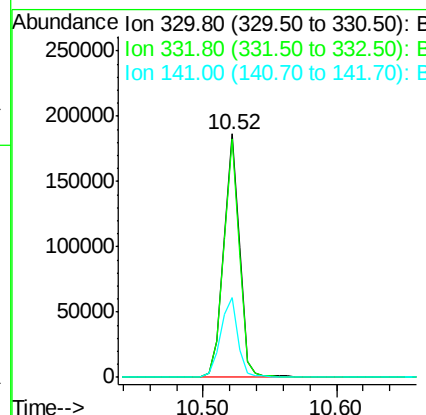
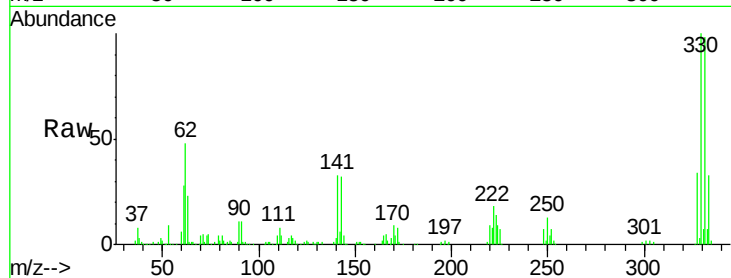




#41
 2,4,6-Tribromophenol
 Concen: 116.23 ng
 RT: 10.52 min Scan# 1434
 Delta R.T. -0.01 min
 Lab File: BF098286.D
 Acq: 6 Sep 2017 21:34

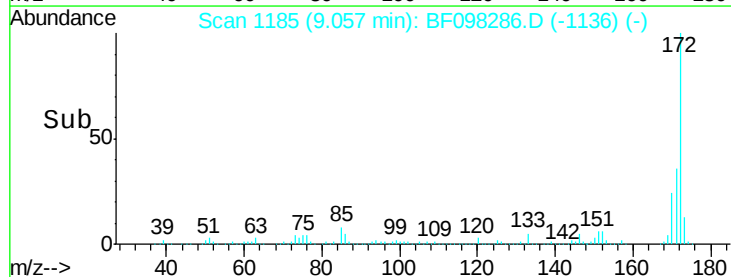
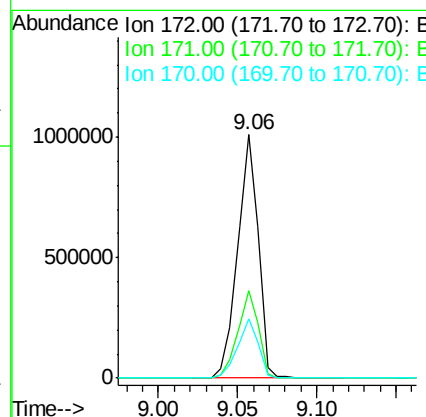
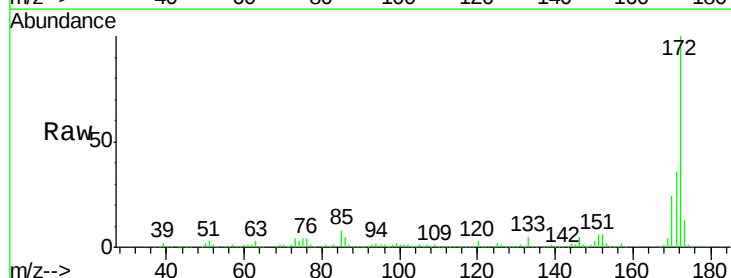
Instrument :
 BNA_F
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 AU-06-090117-B

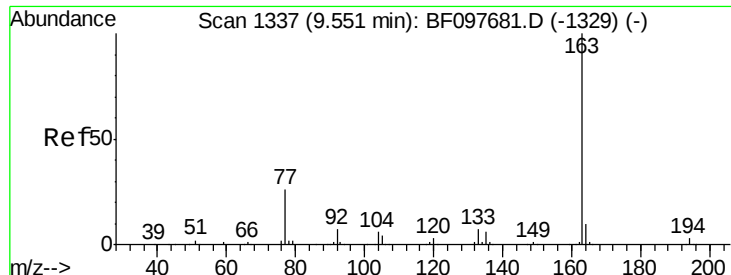
Tot Ion	Ratio	Lower	Upper
330	100		
332	97.4	76.6	115.0
141	35.6	31.4	47.2



#44
 2-Fluorobiphenyl
 Concen: 86.04 ng
 RT: 9.06 min Scan# 1185
 Delta R.T. -0.01 min
 Lab File: BF098286.D
 Acq: 6 Sep 2017 21:34

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.6	44.4
170	24.4	19.8	29.8

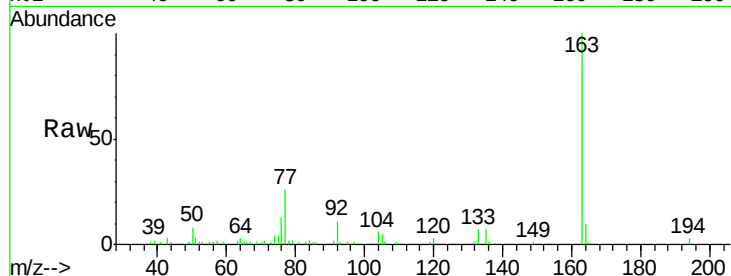




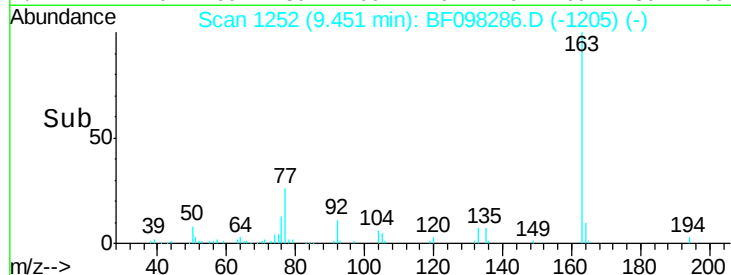
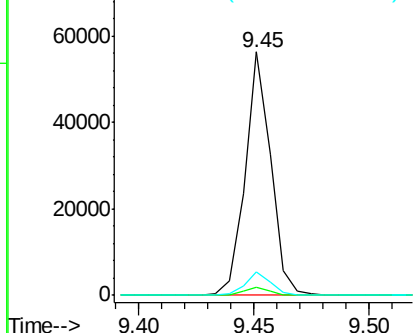
#49
Dimethylphthalate
Concen: 3.80 ng
RT: 9.45 min Scan# 1252
Delta R.T. -0.02 min
Lab File: BF098286.D
Acq: 6 Sep 2017 21:34

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

Tot Ion:163 Resp: 43415
Ion Ratio Lower Upper
163 100
194 3.1 2.6 4.0
164 9.7 8.4 12.6

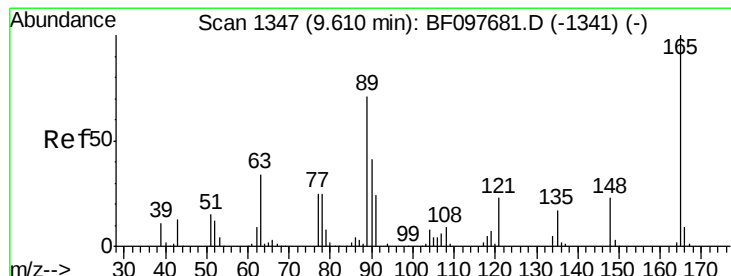


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

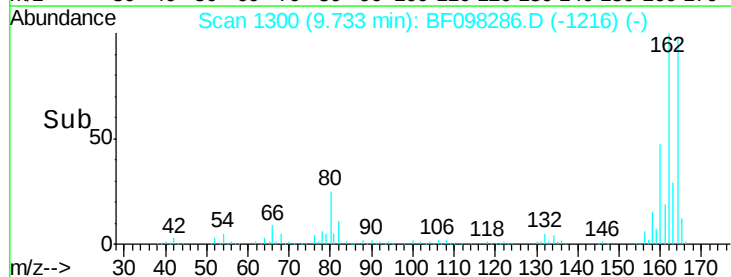
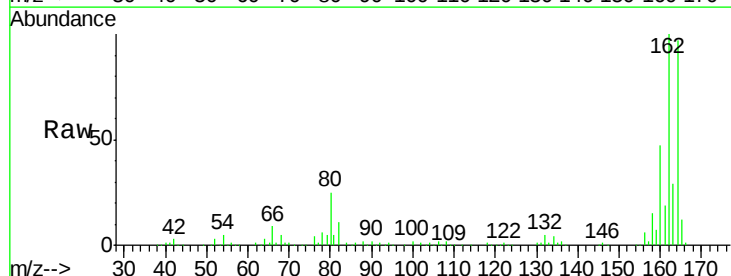
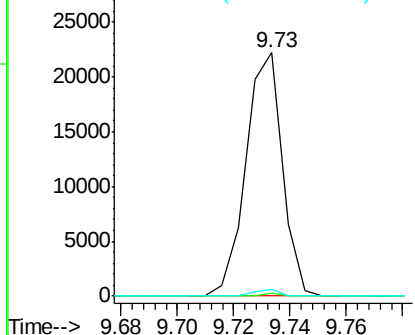


#50
2,6-Dinitrotoluene
Concen: 8.72 ng
RT: 9.73 min Scan# 1300
Delta R.T. 0.19 min
Lab File: BF098286.D
Acq: 6 Sep 2017 21:34

Tgt Ion:165 Resp: 19875
Ion Ratio Lower Upper
165 100
63 1.4 34.3 51.5#
89 2.6 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

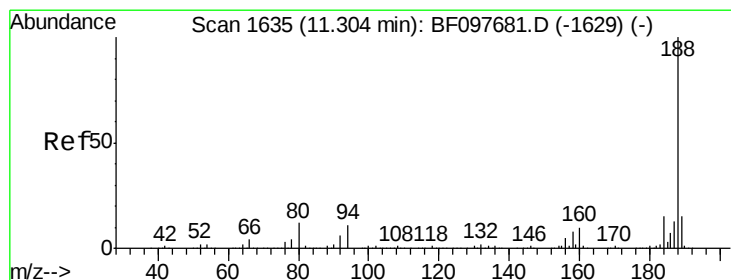
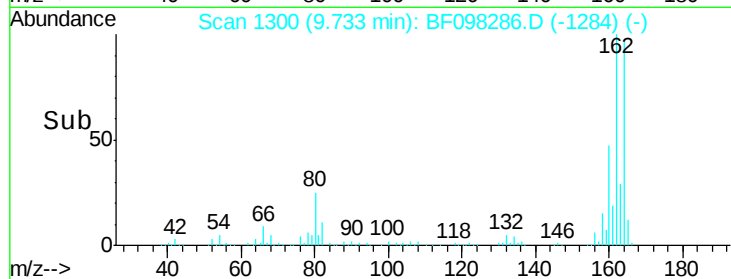
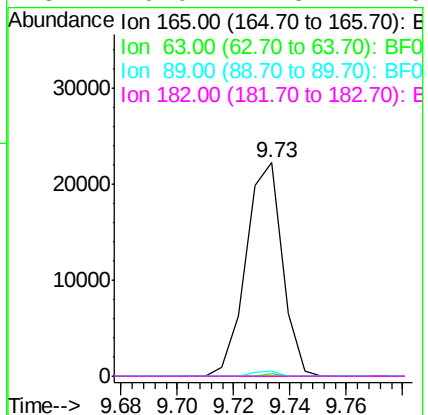
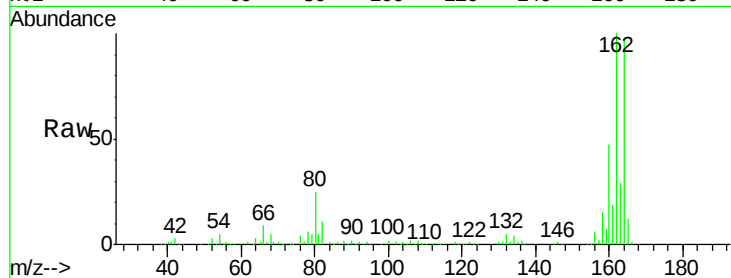




#56
 2,4-Dinitrotoluene
 Concen: 6.95 ng
 RT: 9.73 min Scan# 1300
 Delta R.T. -0.21 min
 Lab File: BF098286.D
 Acq: 6 Sep 2017 21:34

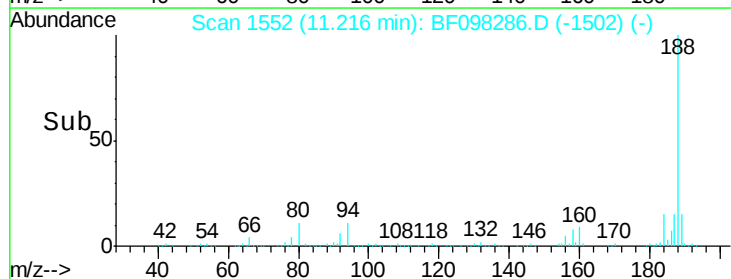
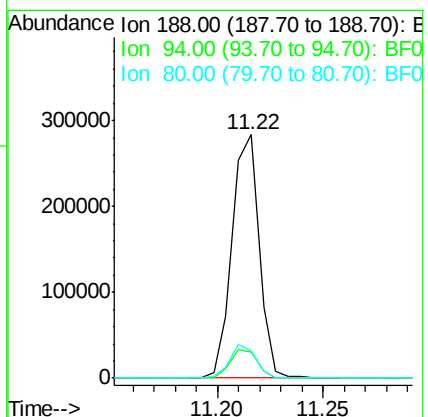
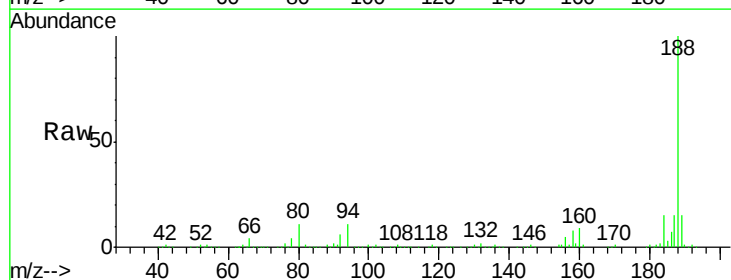
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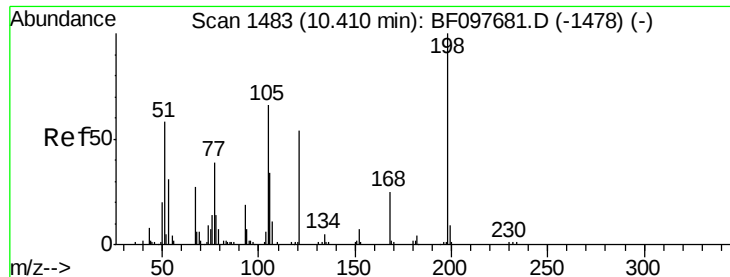
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.4	25.4	38.0#
89	2.6	46.4	69.6#
182	0.0	1.8	2.6#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.22 min Scan# 1552
 Delta R.T. -0.01 min
 Lab File: BF098286.D
 Acq: 6 Sep 2017 21:34

Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.8	9.4	14.2
80	11.4	10.2	15.2





#64

4,6-Dinitro-2-methylphenol

Concen: 8.46 ng

RT: 10.52 min Scan# 1434

Delta R.T. 0.17 min

Lab File: BF098286.D

Acq: 6 Sep 2017 21:34

Instrument :

BNA_F

ClientSampleId :

AU-06-090117-B

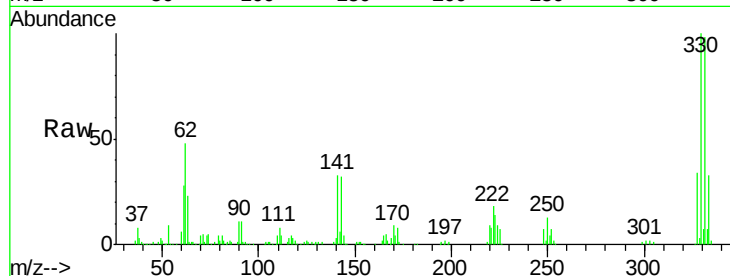
Tot Ion:198 Resp: 203

Ion Ratio Lower Upper

198 100

51 146.2 53.2 93.2#

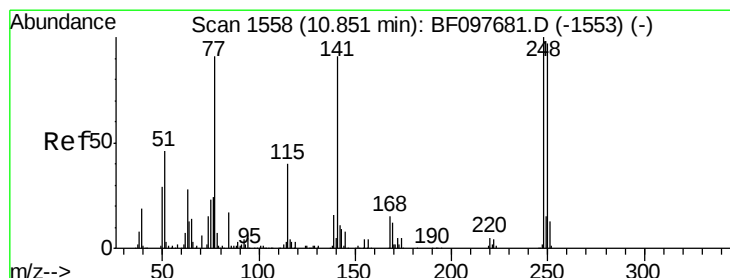
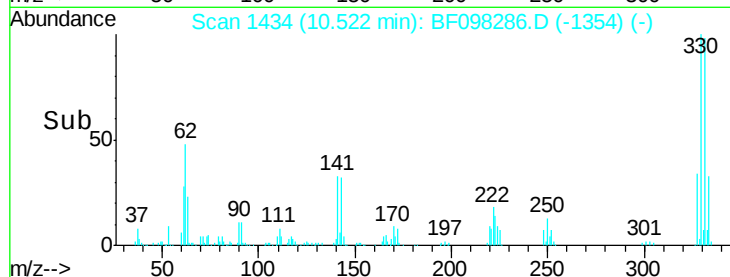
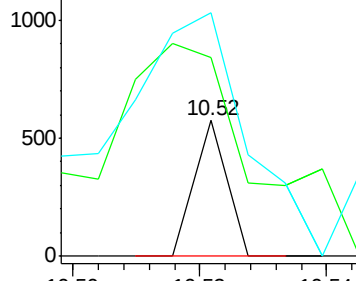
105 179.4 45.8 85.8#



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: 4.03 ng

RT: 10.52 min Scan# 1434

Delta R.T. -0.25 min

Lab File: BF098286.D

Acq: 6 Sep 2017 21:34

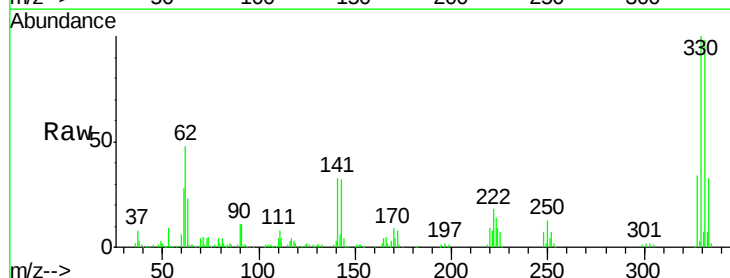
Tgt Ion:248 Resp: 10525

Ion Ratio Lower Upper

248 100

250 194.4 76.8 115.2#

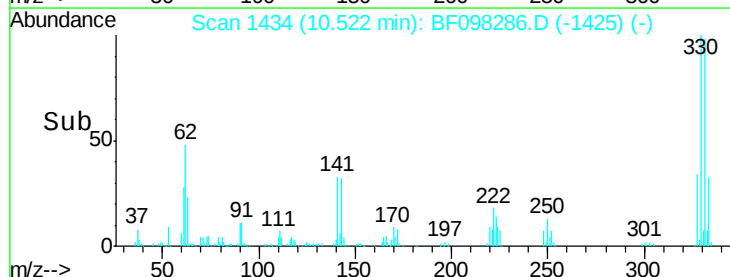
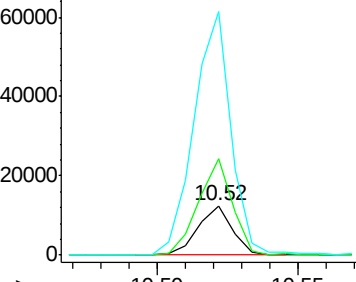
141 491.5 68.6 103.0#

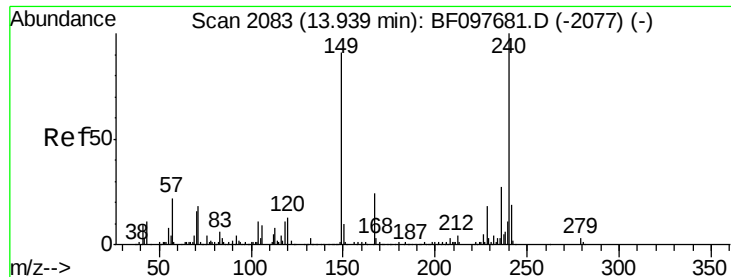


Abundance Ion 248.00 (247.70 to 248.70): E

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: 13.84 min Scan# 1999

Delta R.T. -0.02 min

Lab File: BF098286.D

Acq: 6 Sep 2017 21:34

Instrument :

BNA_F

ClientSampleId :

AU-06-090117-B

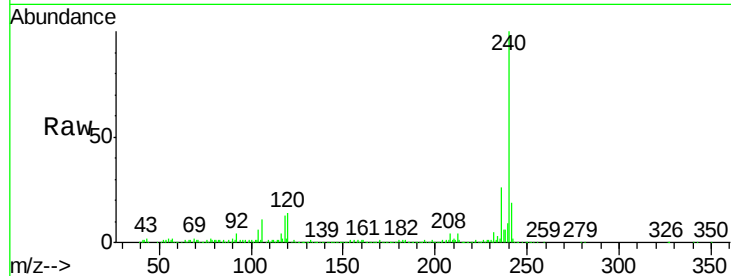
Tot Ion:240 Resp: 235516

Ion Ratio Lower Upper

240 100

120 14.4 5.8 8.8#

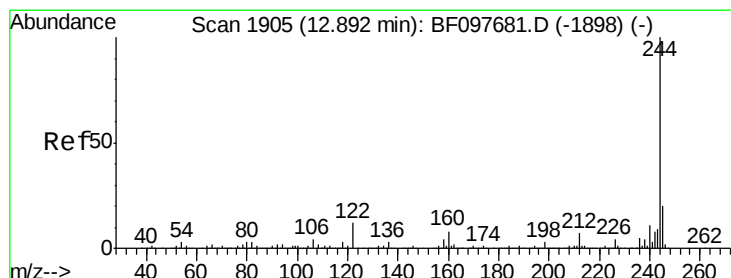
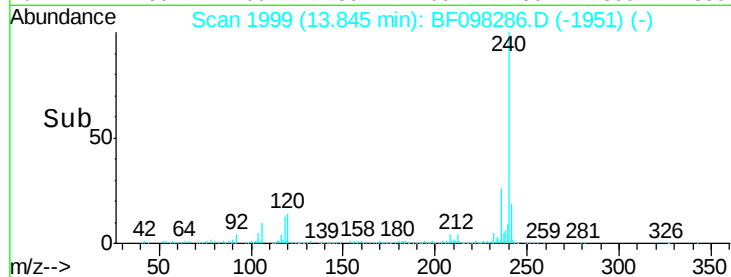
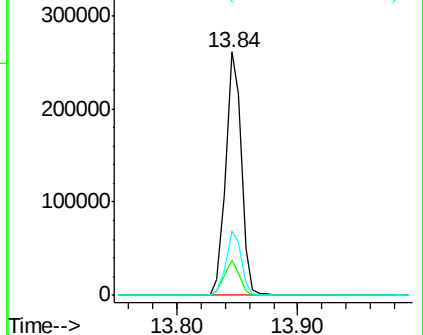
236 26.4 20.5 30.7



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: 56.51 ng

RT: 12.80 min Scan# 1821

Delta R.T. -0.01 min

Lab File: BF098286.D

Acq: 6 Sep 2017 21:34

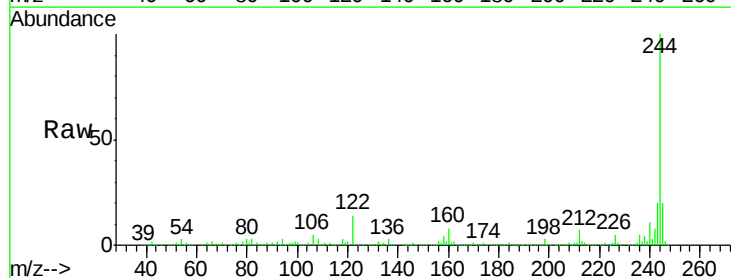
Tgt Ion:244 Resp: 638223

Ion Ratio Lower Upper

244 100

212 7.3 6.0 9.0

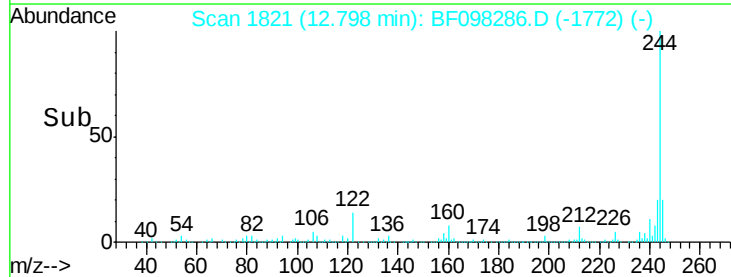
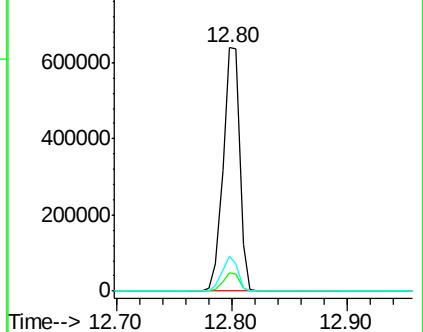
122 14.3 10.3 15.5

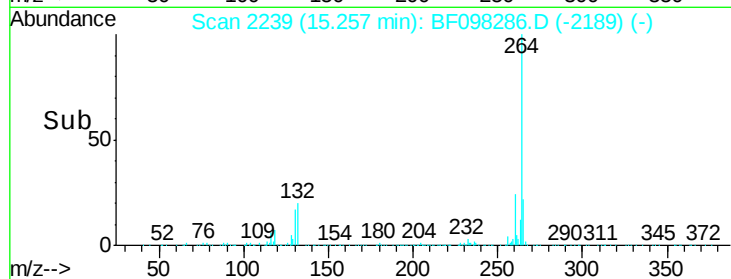
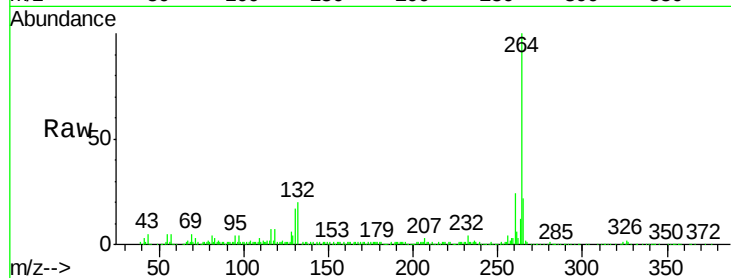
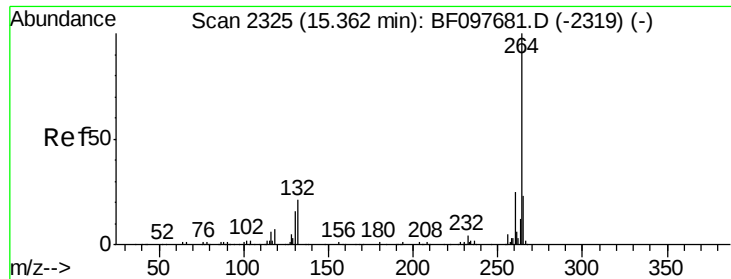


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.26 min Scan# 2239
 Delta R.T. -0.01 min
 Lab File: BF098286.D
 Acq: 6 Sep 2017 21:34

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

Tot Ion:	264	Resp:	168436
Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.5	29.3
265	22.1	17.2	25.8

