

Data Path : Z:\HPCHEM1\BNA F\DATA\BF090617\
 Data File : BF098307.D
 Acq On : 7 Sep 2017 7:52
 Operator : SJ/JU
 Sample : I5090-01
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 090117-TIDO-E-D-M

Quant Time: Sep 07 08:29:59 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

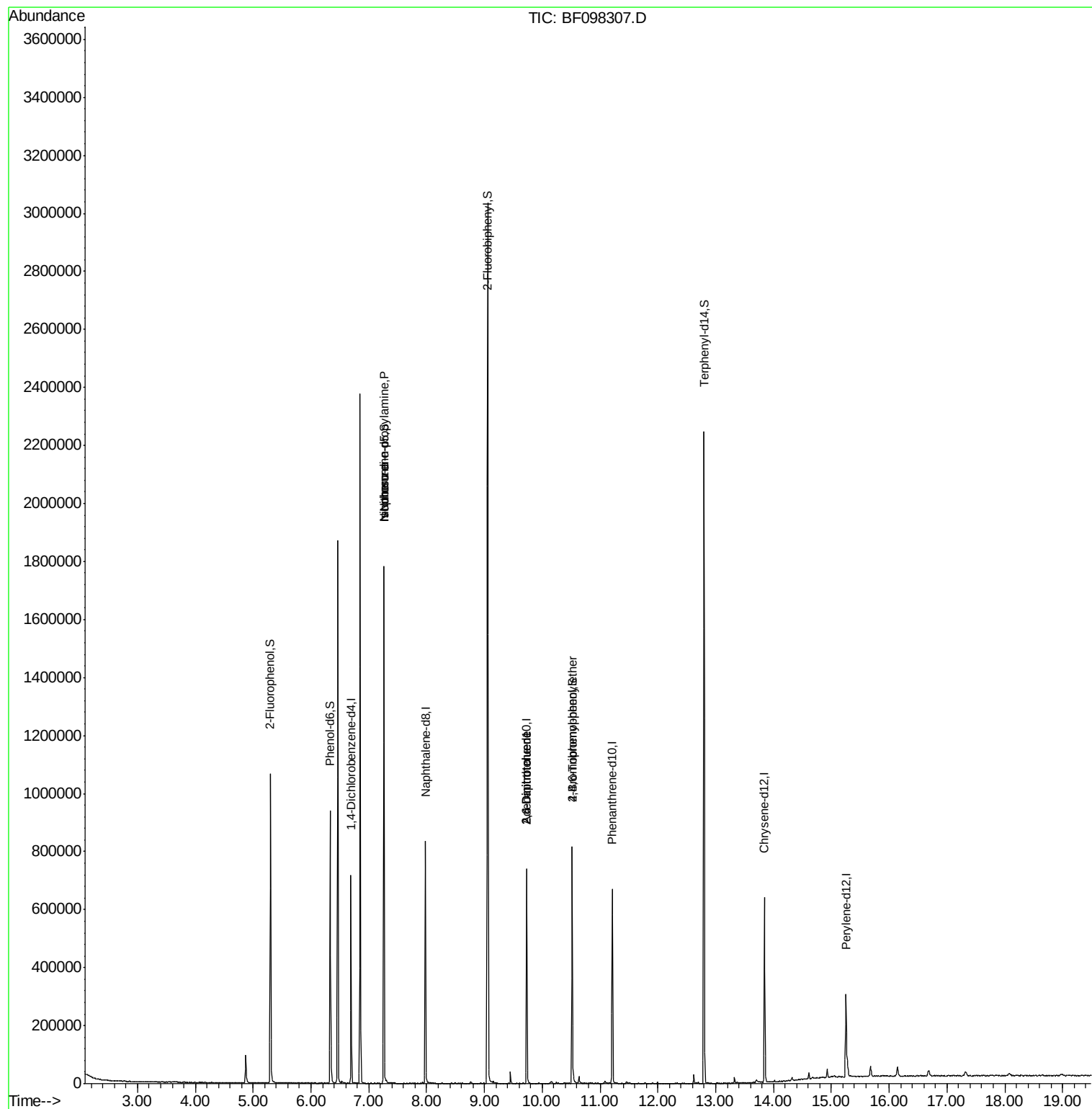
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.69	152	99452	20.00	ng	-0.01
21) Naphthalene-d8	7.98	136	376405	20.00	ng	0.00
38) Acenaphthene-d10	9.73	164	146044	20.00	ng	-0.01
63) Phenanthrene-d10	11.21	188	237987	20.00	ng	-0.01
75) Chrysene-d12	13.84	240	213935	20.00	ng	-0.02
86) Perylene-d12	15.26	264	141811	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	289229	44.24	ng	0.00
7) Phenol-d6	6.33	99	293286	33.01	ng	-0.02
23) Nitrobenzene-d5	7.26	82	651318	94.00	ng	-0.01
41) 2,4,6-Tribromophenol	10.52	330	92562	73.05	ng	-0.01
44) 2-Fluorobiphenyl	9.06	172	942729	94.84	ng	-0.01
78) Terphenyl-d14	12.80	244	679238	66.21	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.26	70	85269	14.02	ng	# 71
25) Isophorone	7.26	82	642750	44.61	ng	# 67
50) 2,6-Dinitrotoluene	9.73	165	18139	8.51	ng	# 34
56) 2,4-Dinitrotoluene	9.73	165	18139	6.78	ng	# 33
66) 4-Bromophenyl-phenylether	10.52	248	5936	2.40	ng	# 1

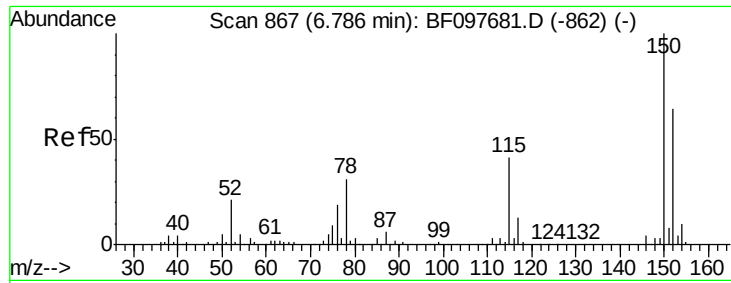
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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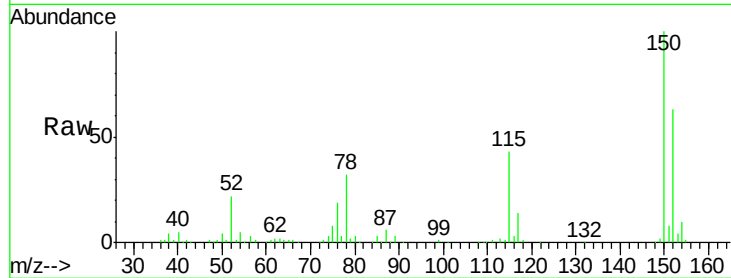


#1

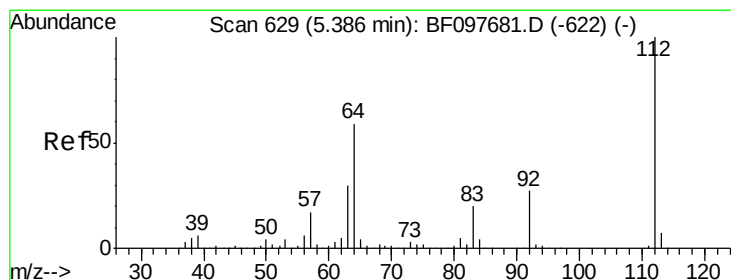
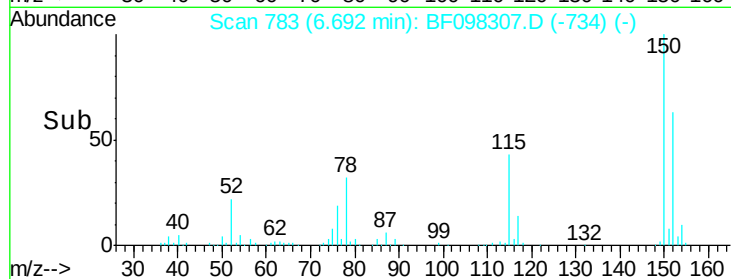
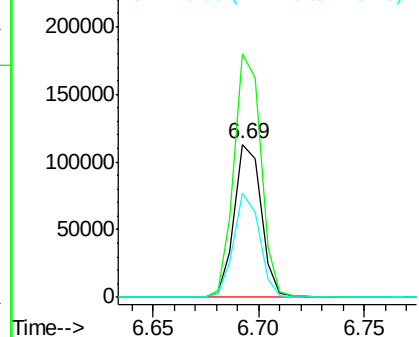
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.69 min Scan# 783
Delta R.T. -0.01 min
Lab File: BF098307.D
Acq: 7 Sep 2017 7:52

Instrument :
BNA_F
ClientSampleId :
090117-TIDO-E-D-M

Tot Ion:152 Resp: 99452
Ion Ratio Lower Upper
152 100
150 159.0 126.2 189.2
115 68.3 52.2 78.2



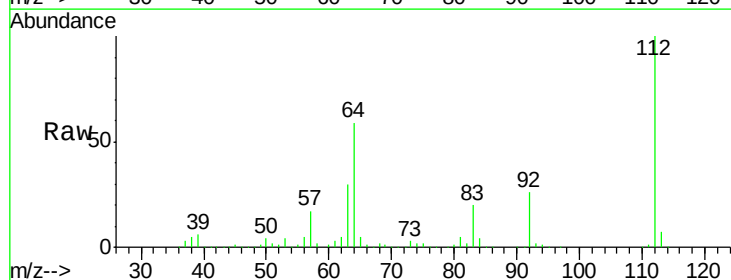
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



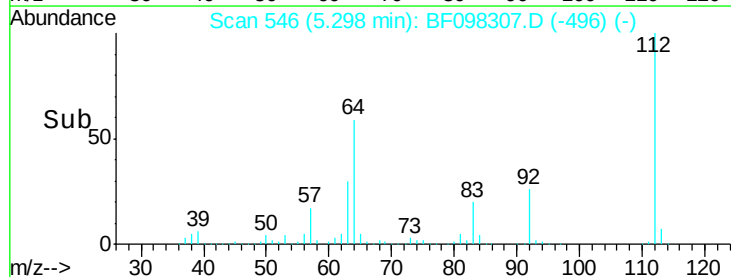
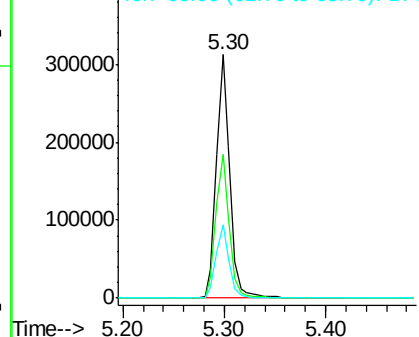
#5

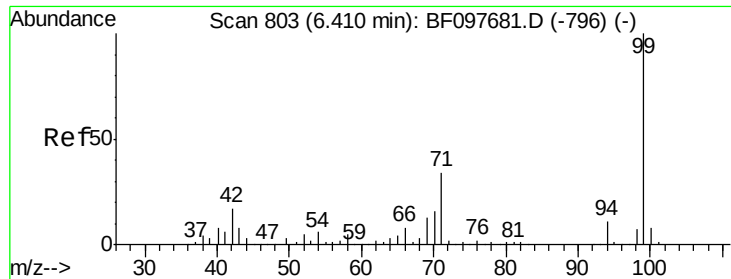
2-Fluorophenol
Concen: 44.24 ng
RT: 5.30 min Scan# 546
Delta R.T. -0.01 min
Lab File: BF098307.D
Acq: 7 Sep 2017 7:52

Tgt Ion:112 Resp: 289229
Ion Ratio Lower Upper
112 100
64 59.2 46.0 69.0
63 30.2 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: 33.01 ng

RT: 6.33 min Scan# 722

Delta R.T. -0.02 min

Lab File: BF098307.D

Acq: 7 Sep 2017 7:52

Instrument :

BNA_F

ClientSampleId :

090117-TIDO-E-D-M

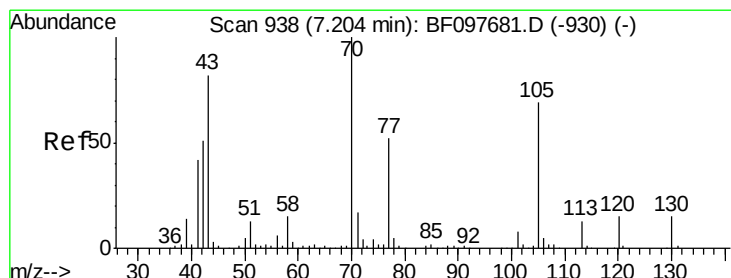
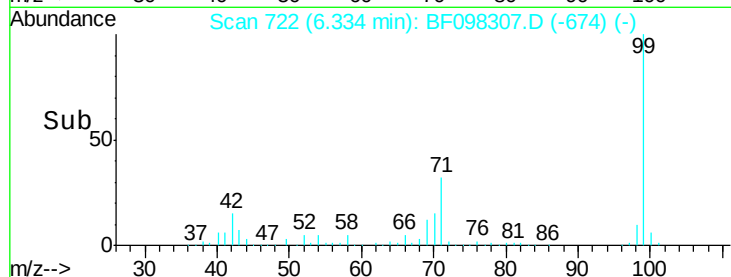
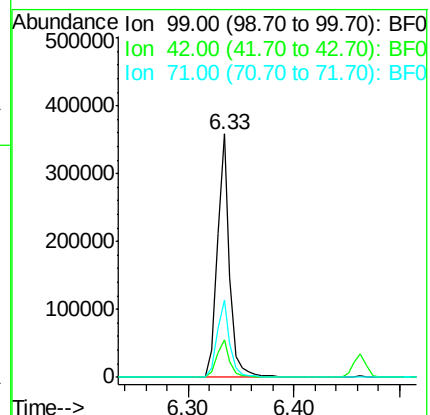
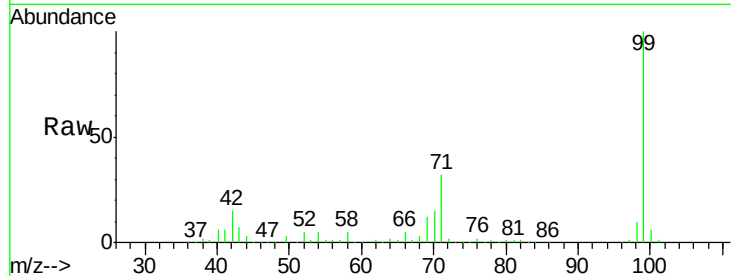
Tot Ion: 99 Resp: 293286

Ion Ratio Lower Upper

99 100

42 15.4 13.5 20.3

71 31.8 24.5 36.7



#19

n-Nitroso-di-n-propylamine

Concen: 14.02 ng

RT: 7.26 min Scan# 880

Delta R.T. 0.14 min

Lab File: BF098307.D

Acq: 7 Sep 2017 7:52

Tgt Ion: 70 Resp: 85269

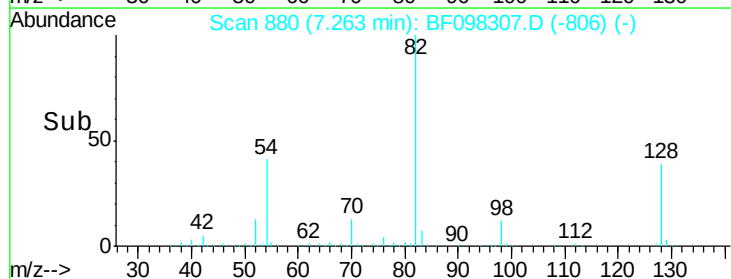
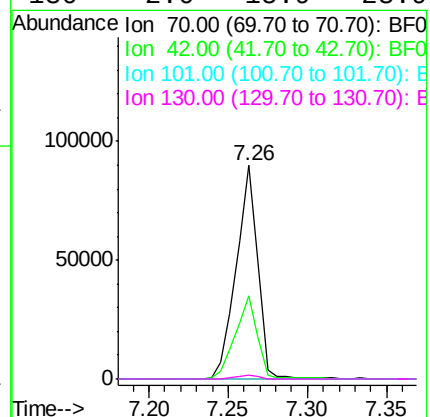
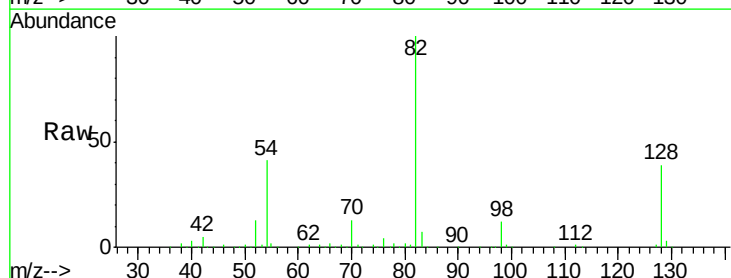
Ion Ratio Lower Upper

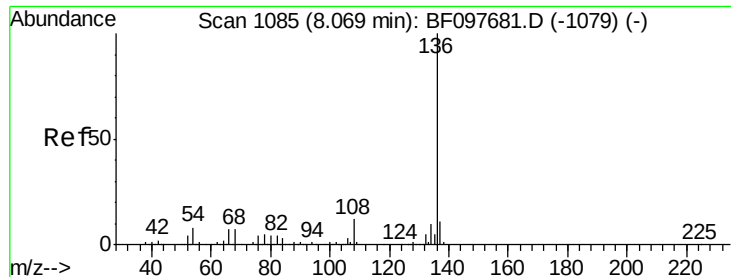
70 100

42 39.2 47.2 70.8#

101 0.0 7.2 10.8#

130 2.0 15.9 23.9#

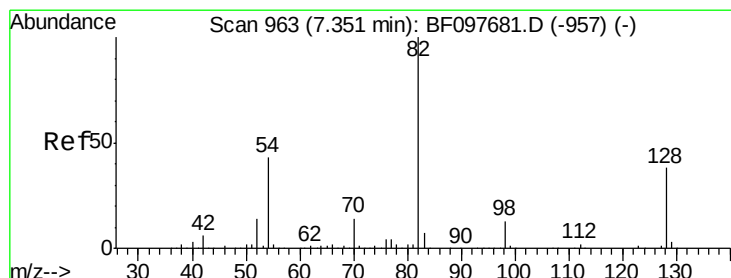
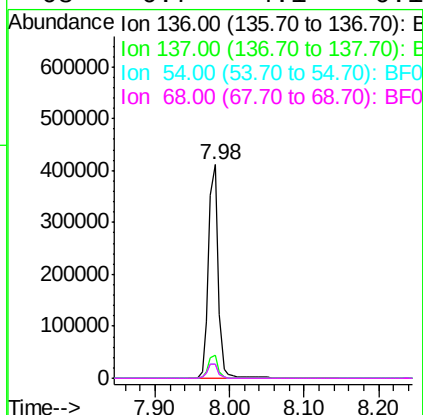
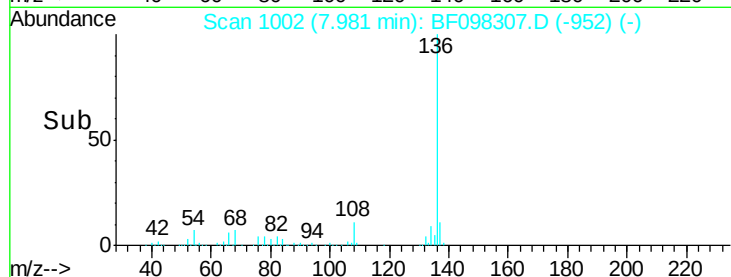
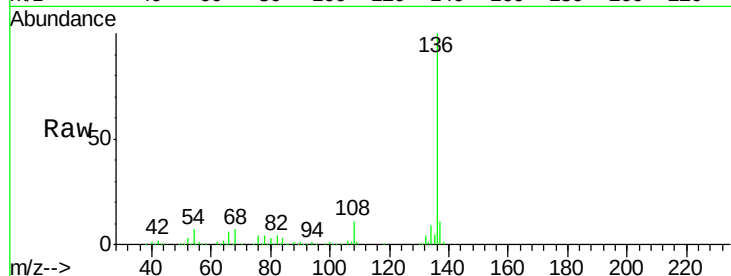




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.98 min Scan# 1002
Delta R.T. -0.01 min
Lab File: BF098307.D
Acq: 7 Sep 2017 7:52

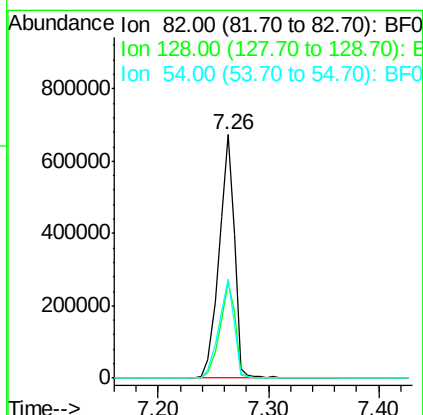
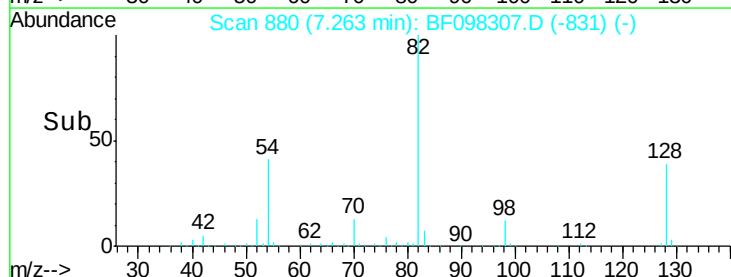
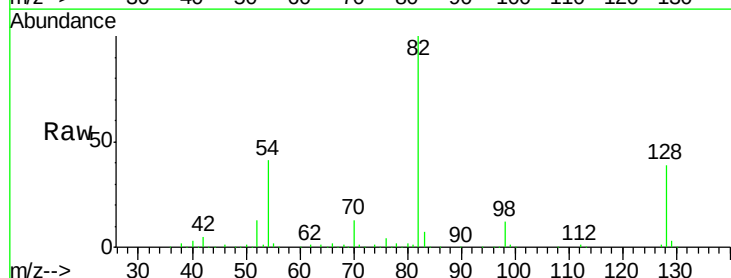
Instrument :
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090117-TIDO-E-D-M

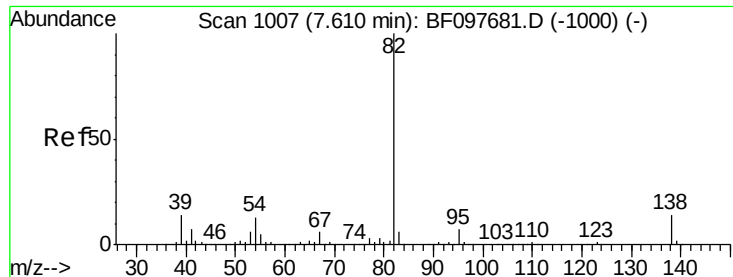
Tot Ion:136	Resp:	376405
Ion Ratio	Lower	Upper
136	100	
137	10.8	8.5 12.7
54	6.7	4.9 7.3
68	6.7	4.1 6.1#



#23
Nitrobenzene-d5
Concen: 94.00 ng
RT: 7.26 min Scan# 880
Delta R.T. -0.01 min
Lab File: BF098307.D
Acq: 7 Sep 2017 7:52

Tgt Ion: 82	Resp:	651318
Ion Ratio	Lower	Upper
82	100	
128	39.4	34.0 51.0
54	40.6	42.2 63.2#





#25

Isophorone

Concen: 44.61 ng

RT: 7.26 min Scan# 880

Delta R.T. -0.27 min

Lab File: BF098307.D

Acq: 7 Sep 2017 7:52

Instrument :

BNA_F

ClientSampleId :

090117-TIDO-E-D-M

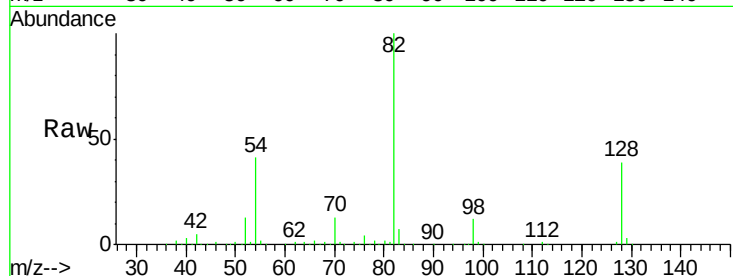
Tot Ion: 82 Resp: 642750

Ion Ratio Lower Upper

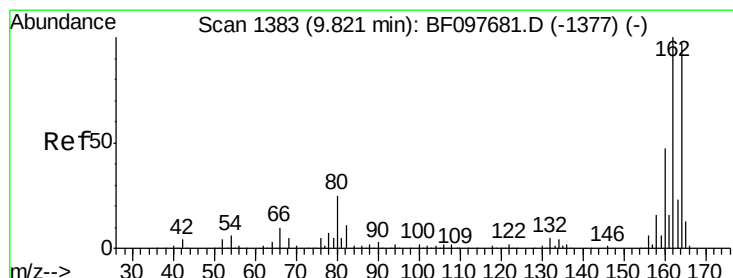
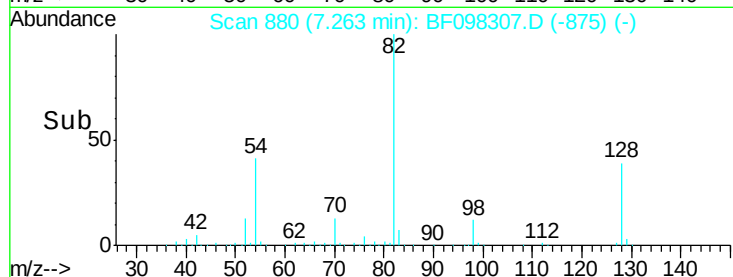
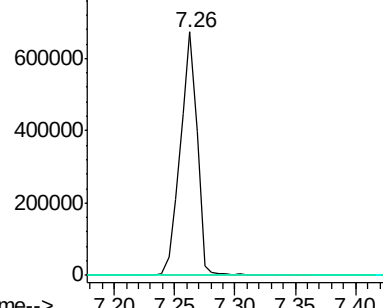
82 100

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# 1299

Delta R.T. -0.01 min

Lab File: BF098307.D

Acq: 7 Sep 2017 7:52

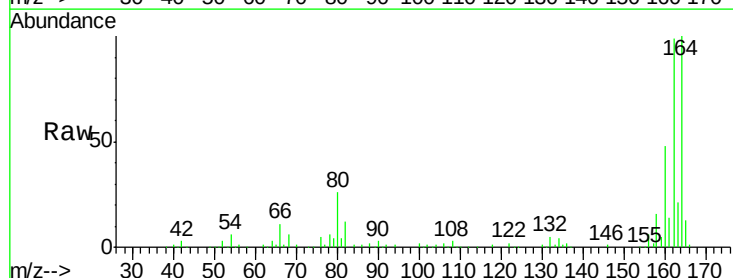
Tgt Ion: 164 Resp: 146044

Ion Ratio Lower Upper

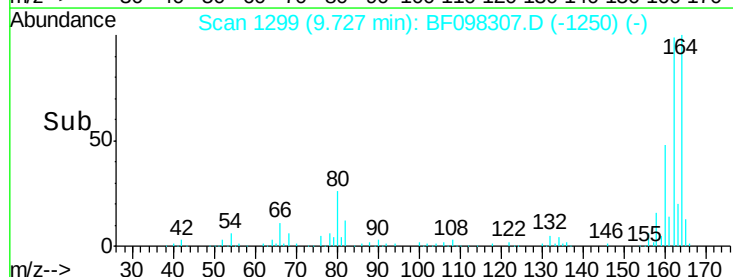
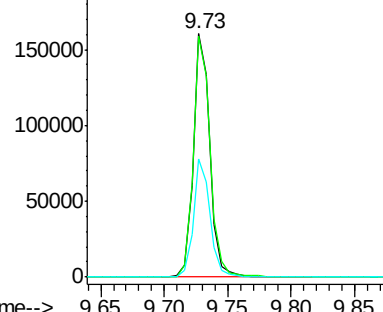
164 100

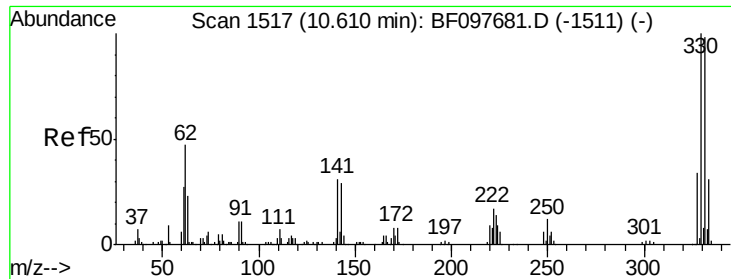
162 98.9 82.6 123.8

160 48.3 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

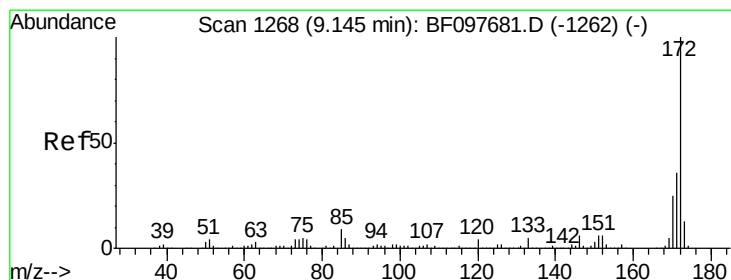
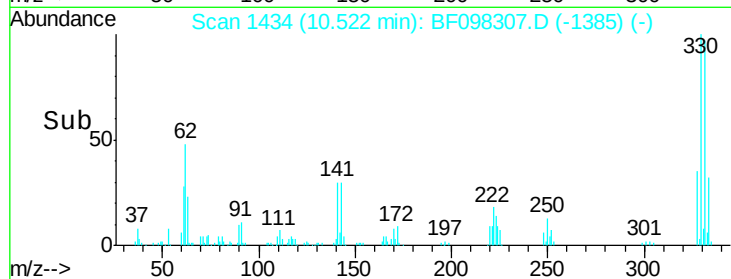
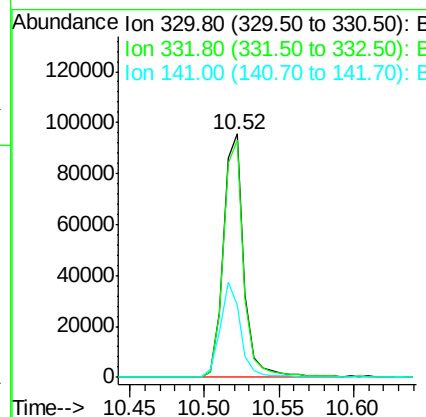
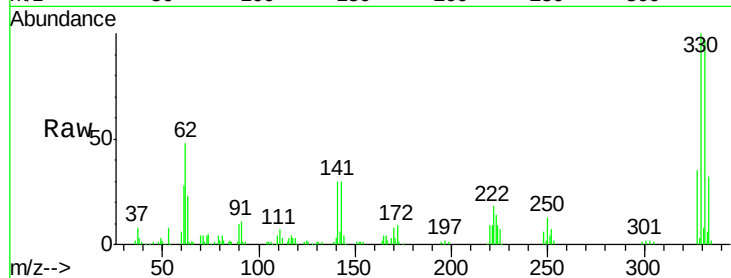




#41
 2,4,6-Tribromophenol
 Concen: 73.05 ng
 RT: 10.52 min Scan# 1434
 Delta R.T. -0.01 min
 Lab File: BF098307.D
 Acq: 7 Sep 2017 7:52

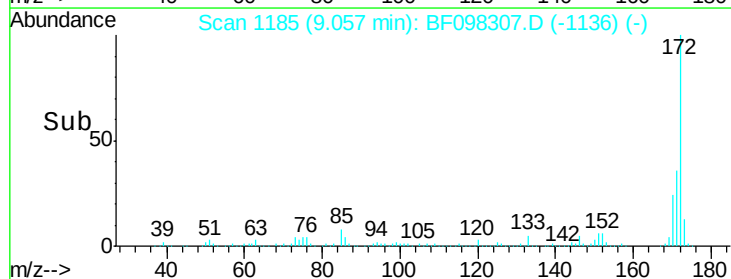
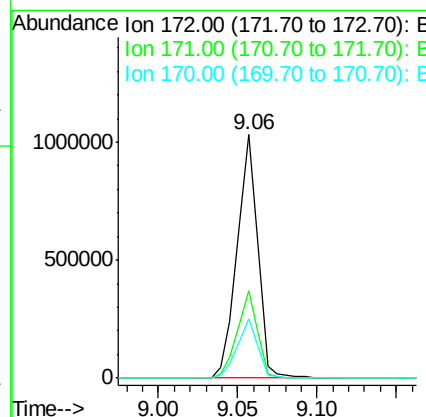
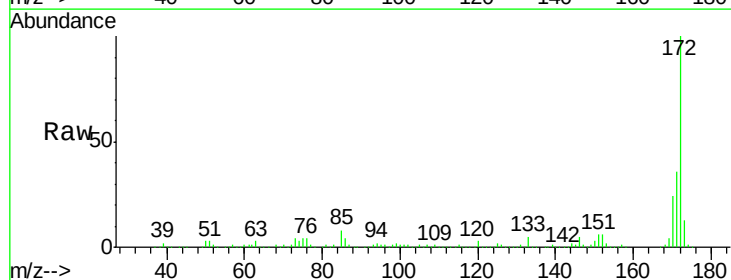
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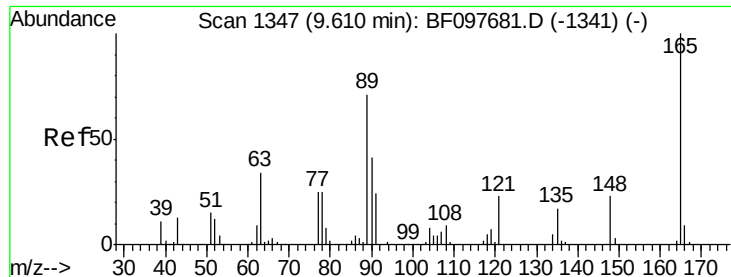
Tot Ion	Ratio	Lower	Upper
330	100		
332	97.5	76.6	115.0
141	38.7	31.4	47.2



#44
 2-Fluorobiphenyl
 Concen: 94.84 ng
 RT: 9.06 min Scan# 1185
 Delta R.T. -0.01 min
 Lab File: BF098307.D
 Acq: 7 Sep 2017 7:52

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.6	44.4
170	24.3	19.8	29.8

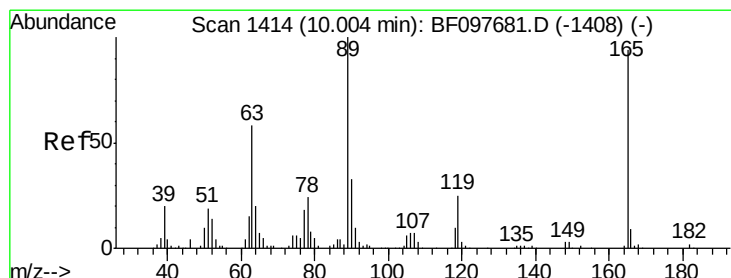
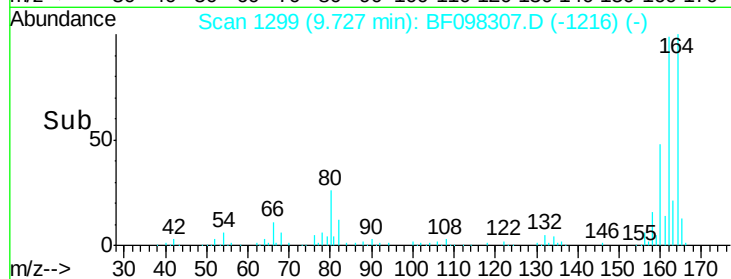
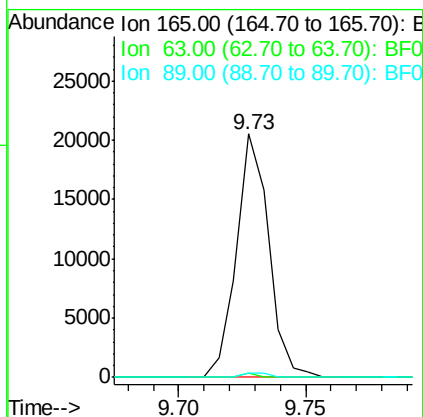
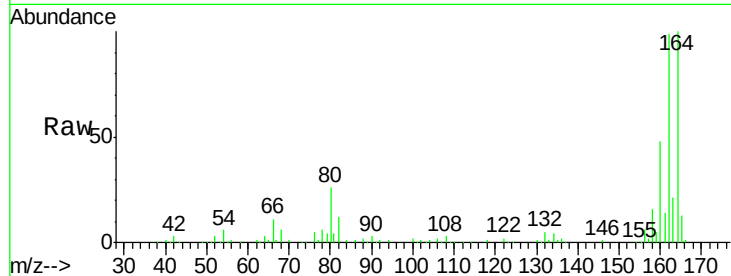




#50
 2,6-Dinitrotoluene
 Concen: 8.51 ng
 RT: 9.73 min Scan# 1299
 Delta R.T. 0.19 min
 Lab File: BF098307.D
 Acq: 7 Sep 2017 7:52

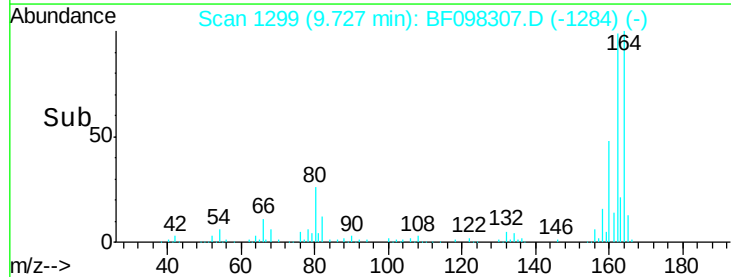
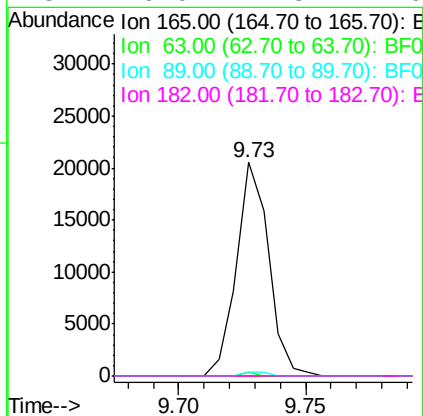
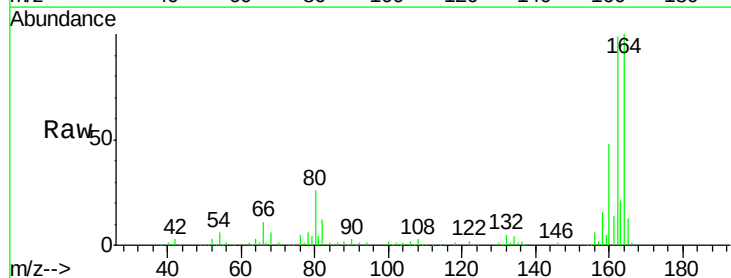
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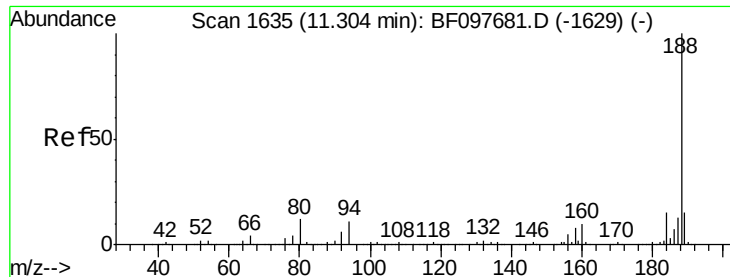
Tot Ion:165	Resp:	18139
Ion Ratio	Lower	Upper
165	100	
63	1.5	34.3 51.5#
89	1.8	37.1 55.7#



#56
 2,4-Dinitrotoluene
 Concen: 6.78 ng
 RT: 9.73 min Scan# 1299
 Delta R.T. -0.21 min
 Lab File: BF098307.D
 Acq: 7 Sep 2017 7:52

Tgt Ion:165	Resp:	18139
Ion Ratio	Lower	Upper
165	100	
63	1.5	25.4 38.0#
89	1.8	46.4 69.6#
182	0.0	1.8 2.6#





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.21 min Scan# 1551

Delta R.T. -0.01 min

Lab File: BF098307.D

Acq: 7 Sep 2017 7:52

Instrument :

BNA_F

ClientSampleId :

090117-TIDO-E-D-M

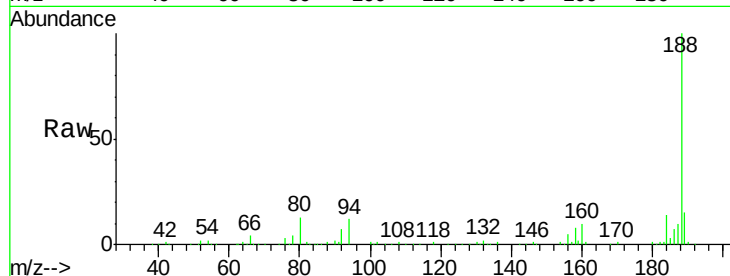
Tot Ion:188 Resp: 237987

Ion Ratio Lower Upper

188 100

94 12.3 9.4 14.2

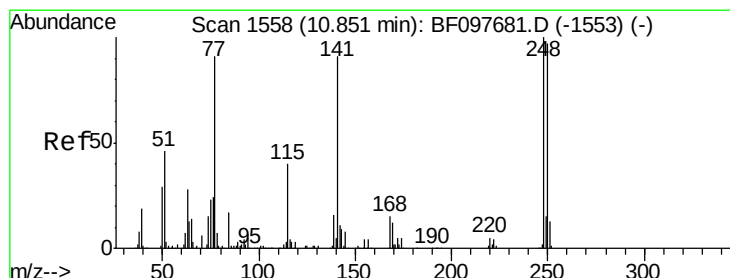
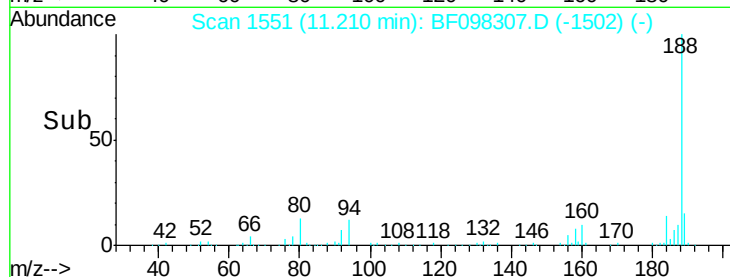
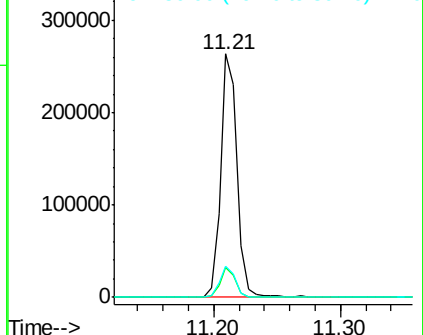
80 13.0 10.2 15.2



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#66

4-Bromophenyl-phenylether

Concen: 2.40 ng

RT: 10.52 min Scan# 1433

Delta R.T. -0.25 min

Lab File: BF098307.D

Acq: 7 Sep 2017 7:52

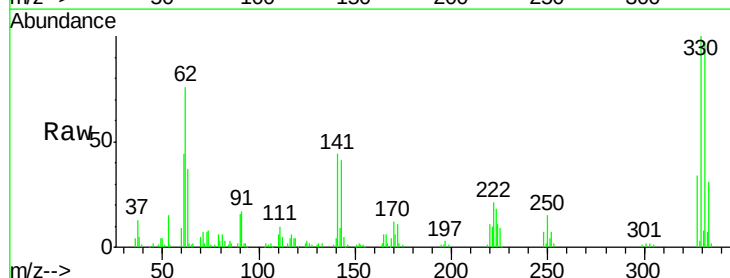
Tgt Ion:248 Resp: 5936

Ion Ratio Lower Upper

248 100

250 207.0 76.8 115.2#

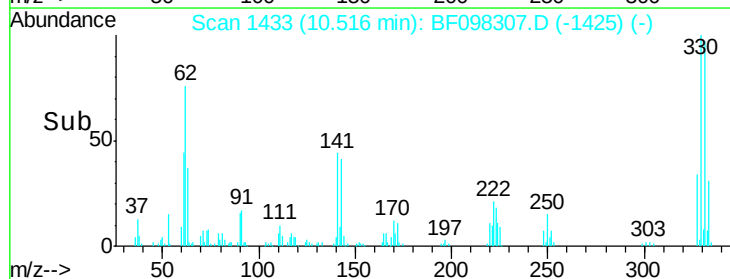
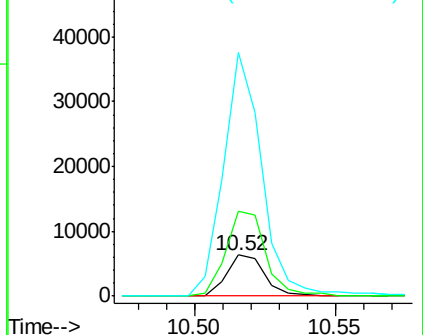
141 592.5 68.6 103.0#

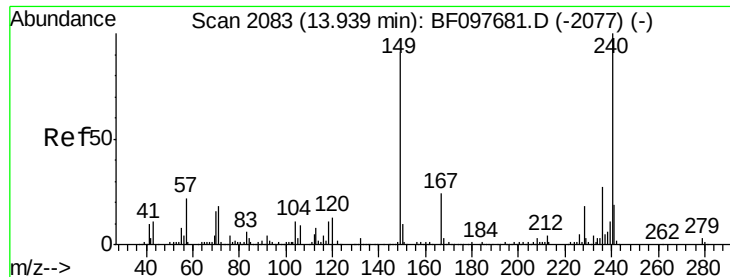


Abundance Ion 248.00 (247.70 to 248.70): E

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: BF098307.D

Acq: 7 Sep 2017 7:52

Instrument :

BNA_F

ClientSampleId :

090117-TIDO-E-D-M

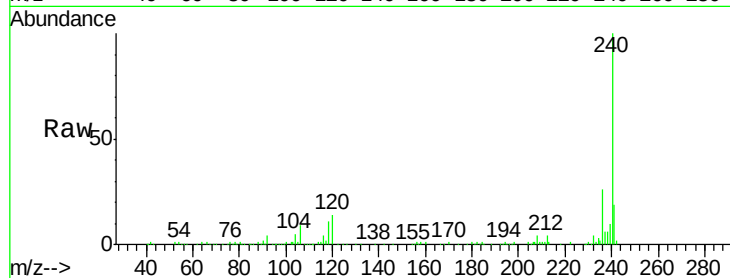
Tot Ion:240 Resp: 213935

Ion Ratio Lower Upper

240 100

120 14.0 5.8 8.8#

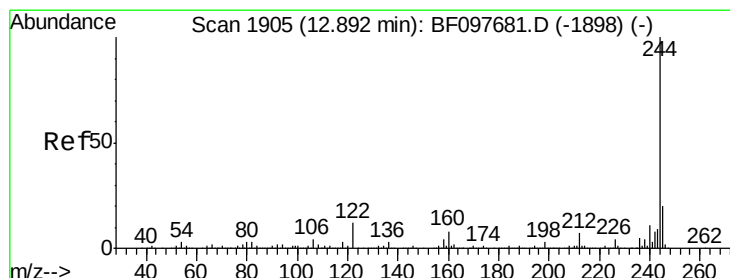
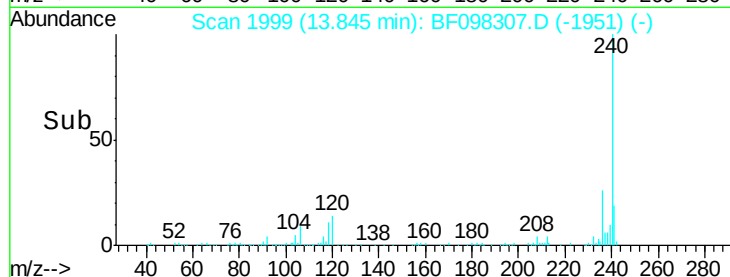
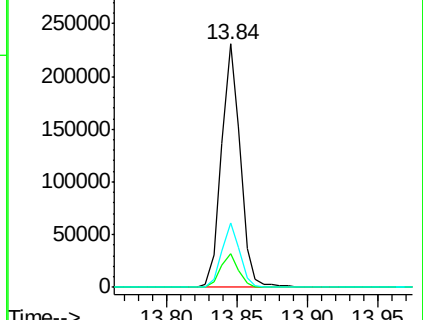
236 26.3 20.5 30.7



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: 66.21 ng

RT: 12.80 min Scan# 1821

Delta R.T. -0.01 min

Lab File: BF098307.D

Acq: 7 Sep 2017 7:52

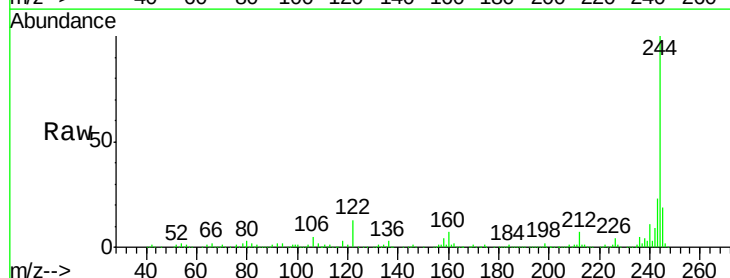
Tgt Ion:244 Resp: 679238

Ion Ratio Lower Upper

244 100

212 6.9 6.0 9.0

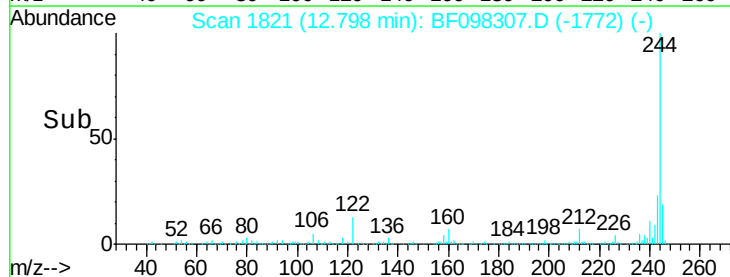
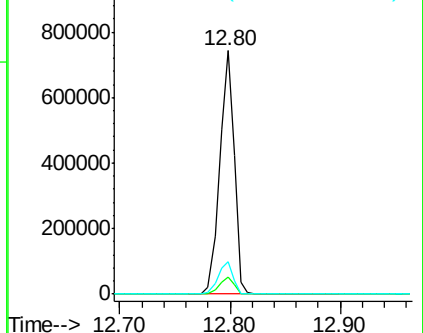
122 13.1 10.3 15.5

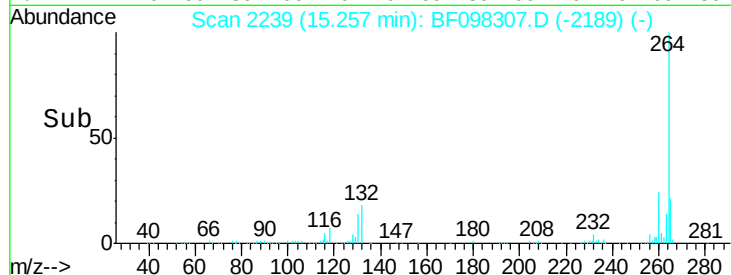
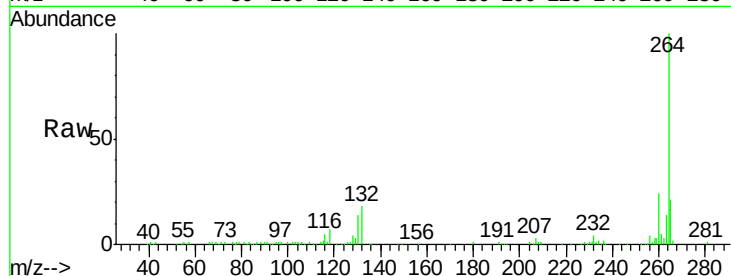
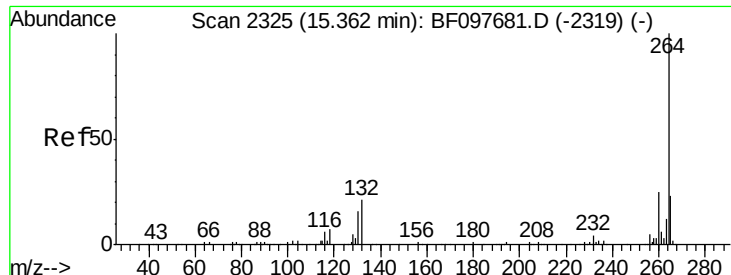


Abundance Ion 244.00 (243.70 to 244.70): E

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: BF098307.D
Acq: 7 Sep 2017 7:52

Instrument :
BNA_F
ClientSampleId :
090117-TIDO-E-D-M

Tot Ion:264	Resp:	141811
Ion Ratio	Lower	Upper
264	100	
260	24.3	19.5 29.3
265	20.9	17.2 25.8

