

Data Path : Z:\HPCHEM1\BNA F\DATA\BF090617\
 Data File : BF098304.D
 Acq On : 7 Sep 2017 6:29
 Operator : SJ/JU
 Sample : I5083-02
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CLEAN-SAND-9

Quant Time: Sep 07 07:25:32 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

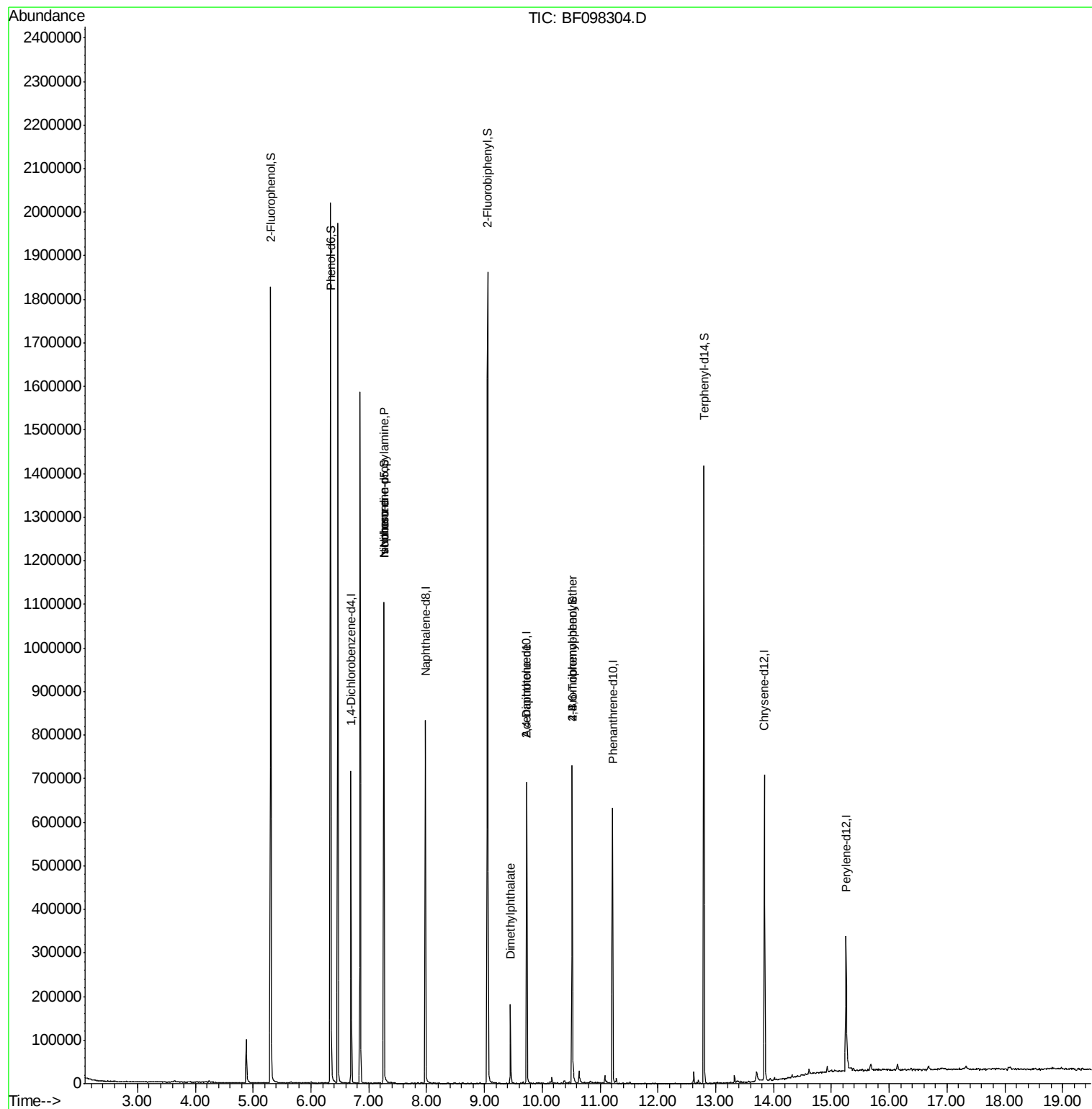
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	104144	20.00	ng	0.00
21) Naphthalene-d8	7.98	136	376699	20.00	ng	0.00
38) Acenaphthene-d10	9.73	164	142359	20.00	ng	-0.01
63) Phenanthrene-d10	11.22	188	242119	20.00	ng	0.00
75) Chrysene-d12	13.84	240	222224	20.00	ng	-0.02
86) Perylene-d12	15.26	264	148694	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	527663	77.07	ng	0.00
7) Phenol-d6	6.34	99	703144	75.58	ng	-0.01
23) Nitrobenzene-d5	7.26	82	403193	58.15	ng	-0.01
41) 2,4,6-Tribromophenol	10.52	330	85149	68.94	ng	-0.01
44) 2-Fluorobiphenyl	9.06	172	573958	59.23	ng	-0.01
78) Terphenyl-d14	12.80	244	415104	38.95	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.26	70	52985	8.32	ng	# 69
25) Isophorone	7.26	82	397389	27.56	ng	# 67
49) Dimethylphthalate	9.45	163	67690	6.50	ng	98
56) 2,4-Dinitrotoluene	9.73	165	17579	6.74	ng	# 33
66) 4-Bromophenyl-phenylether	10.52	248	5427	2.16	ng	# 1

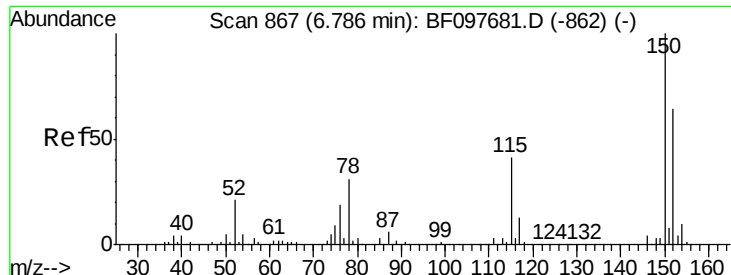
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF098304.D

Acq: 7 Sep 2017 6:29

Instrument :

BNA_F

ClientSampleId :

CLEAN-SAND-9

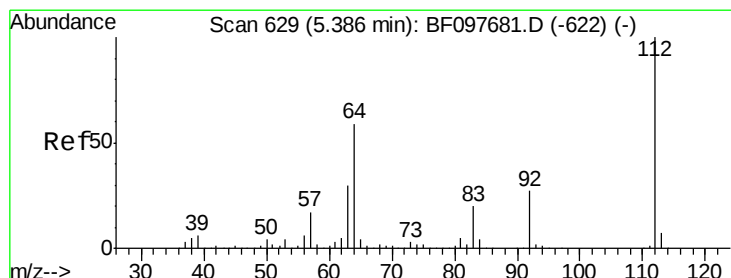
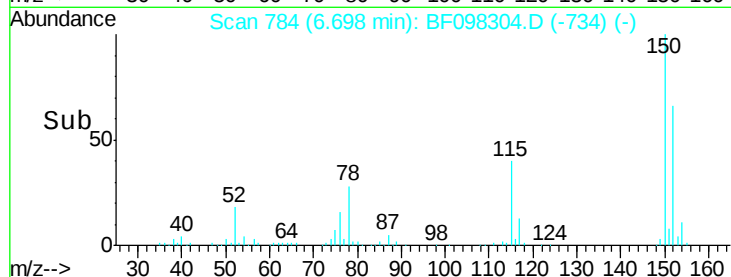
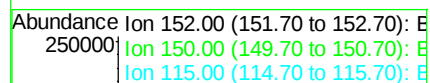
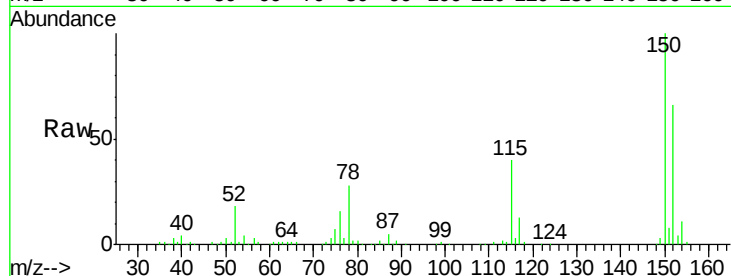
Tot Ion:152 Resp: 104144

Ion Ratio Lower Upper

152 100

150 151.7 126.2 189.2

115 60.4 52.2 78.2



#5

2-Fluorophenol

Concen: 77.07 ng

RT: 5.30 min Scan# 547

Delta R.T. -0.00 min

Lab File: BF098304.D

Acq: 7 Sep 2017 6:29

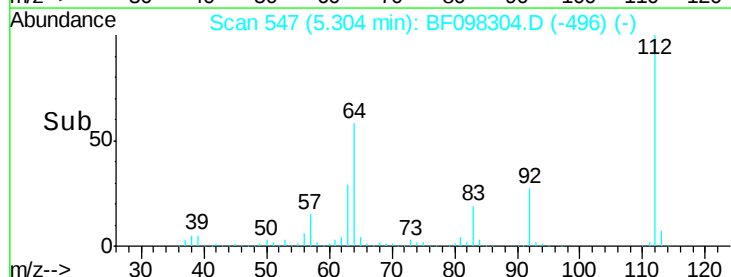
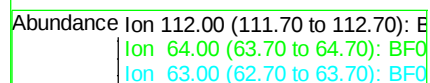
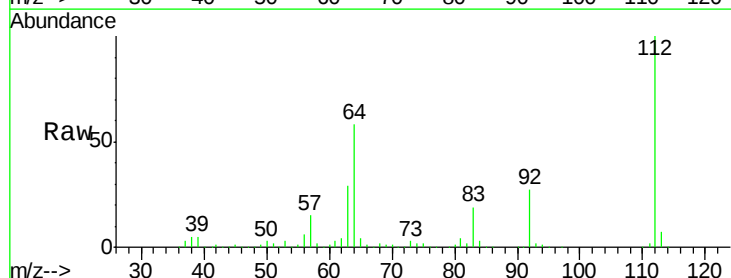
Tgt Ion:112 Resp: 527663

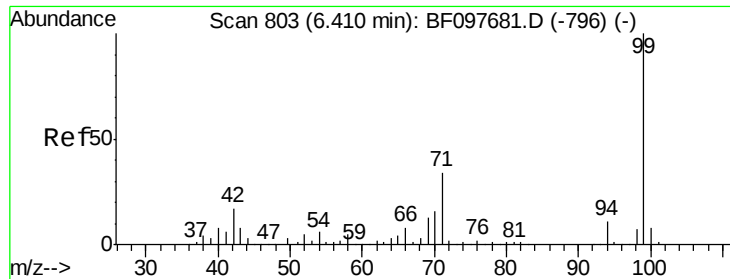
Ion Ratio Lower Upper

112 100

64 57.7 46.0 69.0

63 28.6 23.4 35.0





#7

Phenol-d6

Concen: 75.58 ng

RT: 6.34 min Scan# 723

Delta R.T. -0.01 min

Lab File: BF098304.D

Acq: 7 Sep 2017 6:29

Instrument :

BNA_F

ClientSampleId :

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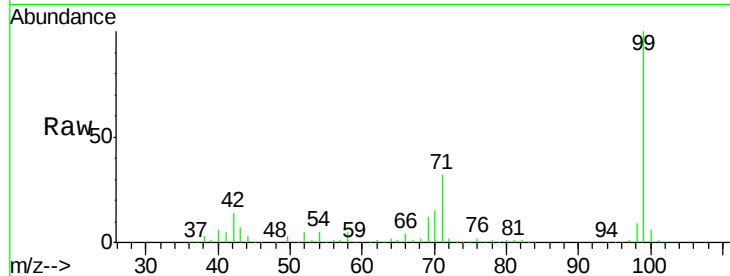
Tot Ion: 99 Resp: 703144

Ion Ratio Lower Upper

99 100

42 14.5 13.5 20.3

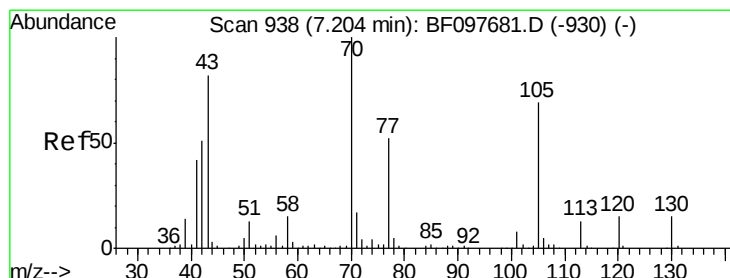
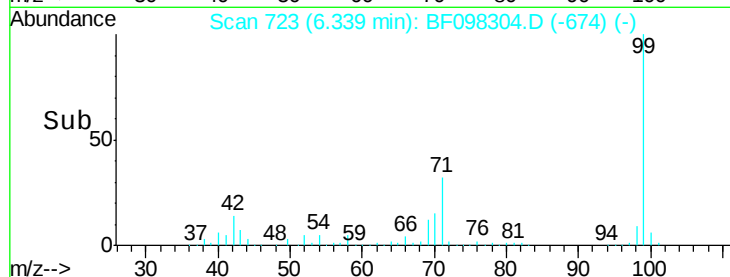
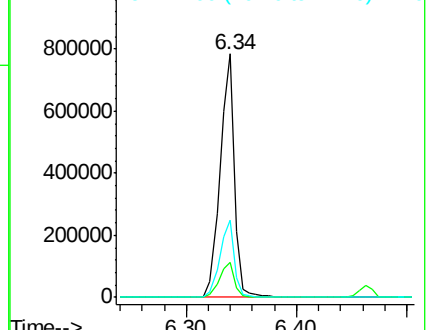
71 31.8 24.5 36.7



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: 8.32 ng

RT: 7.26 min Scan# 880

Delta R.T. 0.14 min

Lab File: BF098304.D

Acq: 7 Sep 2017 6:29

Tgt Ion: 70 Resp: 52985

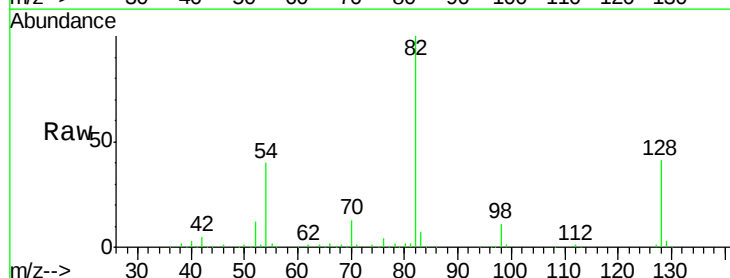
Ion Ratio Lower Upper

70 100

42 37.3 47.2 70.8#

101 0.0 7.2 10.8#

130 1.8 15.9 23.9#

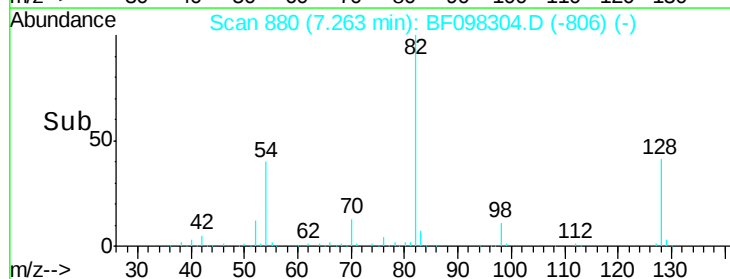
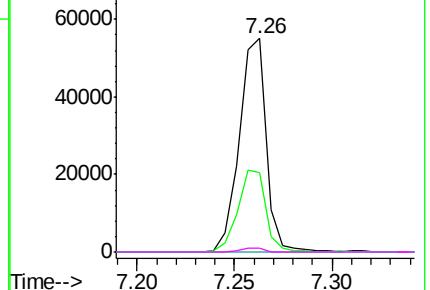


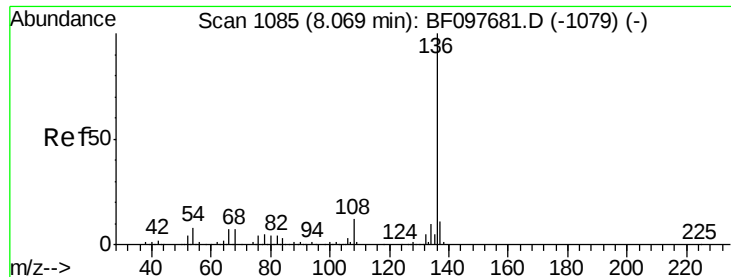
Abundance Ion 70.00 (69.70 to 70.70): BF0

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: BF098304.D

Acq: 7 Sep 2017 6:29

Instrument :

BNA_F

ClientSampleId :

CLEAN-SAND-9

Tot Ion:136 Resp: 376699

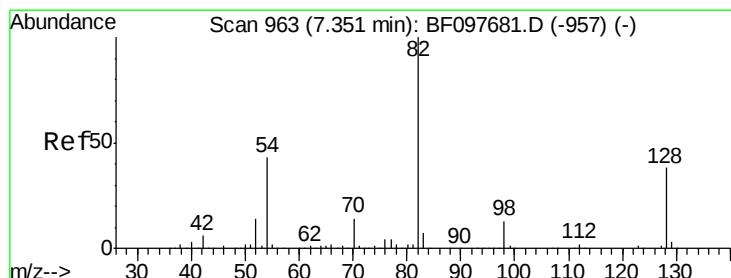
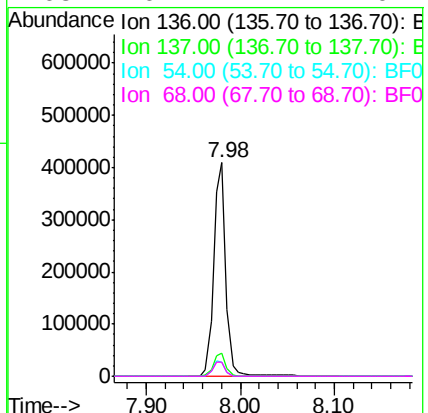
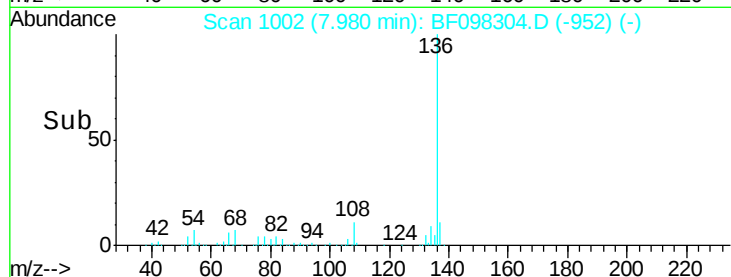
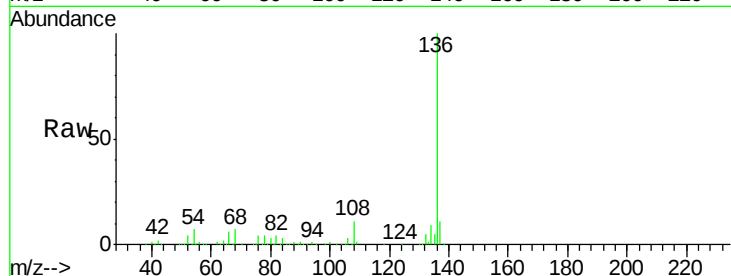
Ion Ratio Lower Upper

136 100

137 10.9 8.5 12.7

54 6.8 4.9 7.3

68 6.7 4.1 6.1#



#23

Nitrobenzene-d5

Concen: 58.15 ng

RT: 7.26 min Scan# 880

Delta R.T. -0.01 min

Lab File: BF098304.D

Acq: 7 Sep 2017 6:29

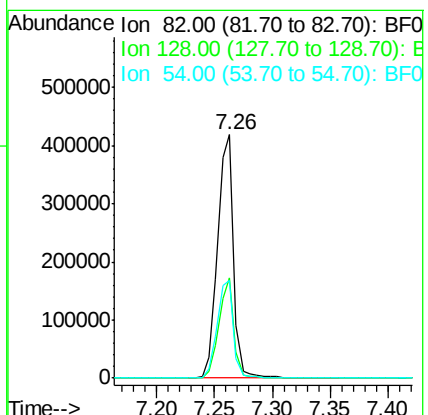
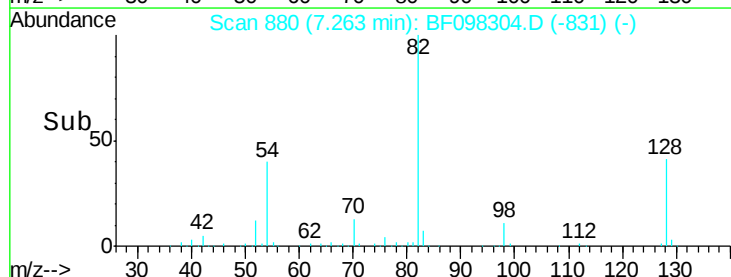
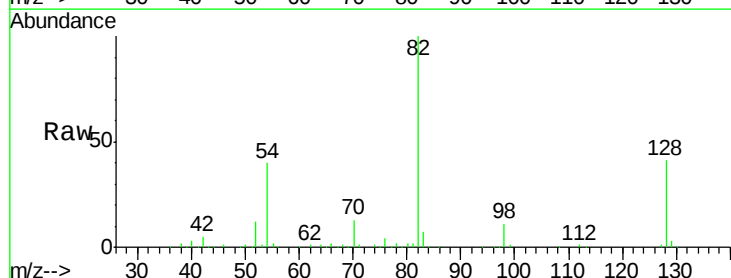
Tgt Ion: 82 Resp: 403193

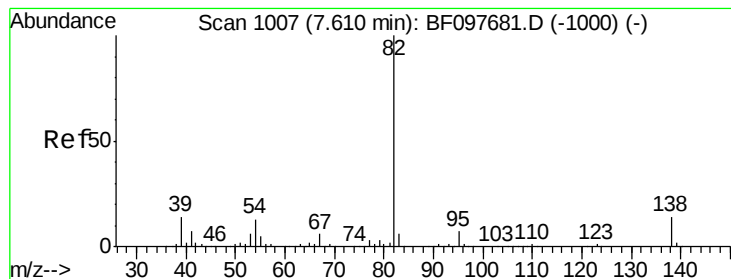
Ion Ratio Lower Upper

82 100

128 41.0 34.0 51.0

54 40.0 42.2 63.2#





#25

Isophorone

Concen: 27.56 ng

RT: 7.26 min Scan# 880

Delta R.T. -0.27 min

Lab File: BF098304.D

Acq: 7 Sep 2017 6:29

Instrument :

BNA_F

ClientSampleId :

CLEAN-SAND-9

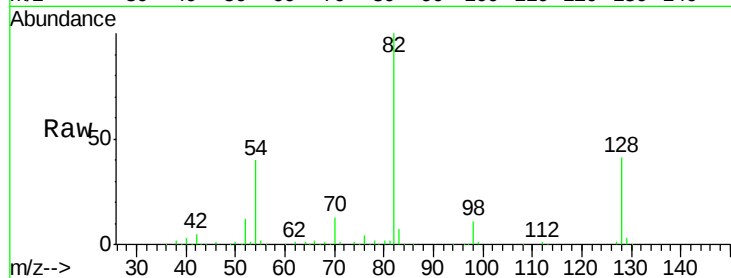
Tot Ion: 82 Resp: 397389

Ion Ratio Lower Upper

82 100

95 0.0 5.3 7.9#

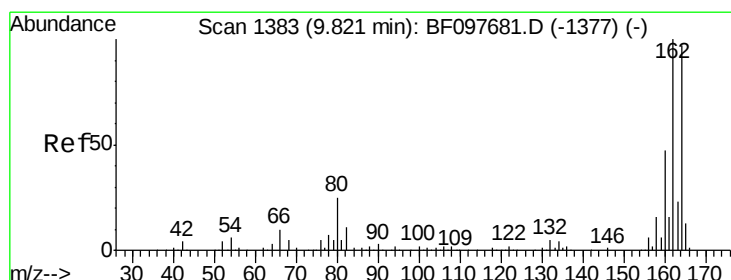
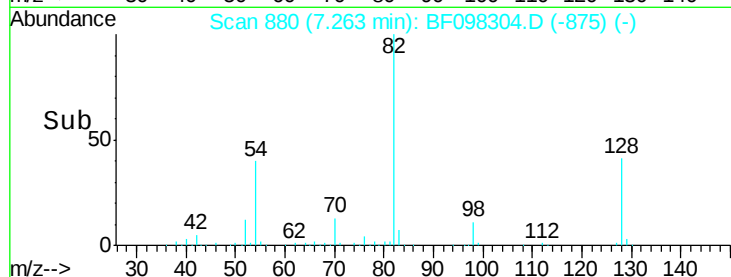
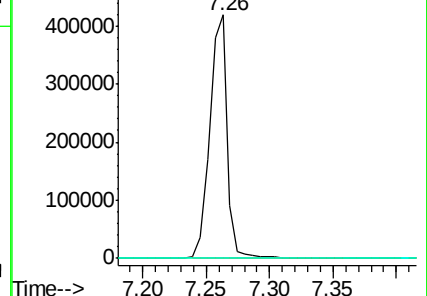
138 0.0 13.1 19.7#



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): BF0



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.73 min Scan# 1299

Delta R.T. -0.01 min

Lab File: BF098304.D

Acq: 7 Sep 2017 6:29

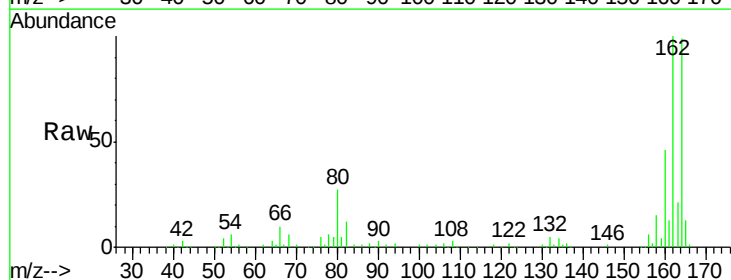
Tgt Ion: 164 Resp: 142359

Ion Ratio Lower Upper

164 100

162 101.4 82.6 123.8

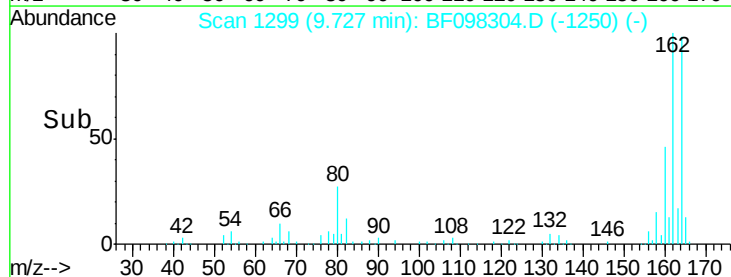
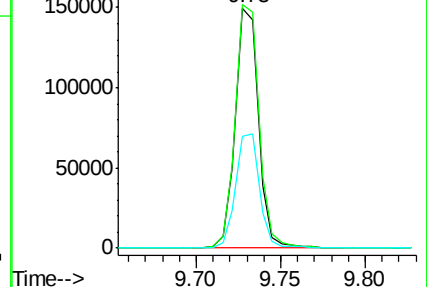
160 46.6 36.2 54.2

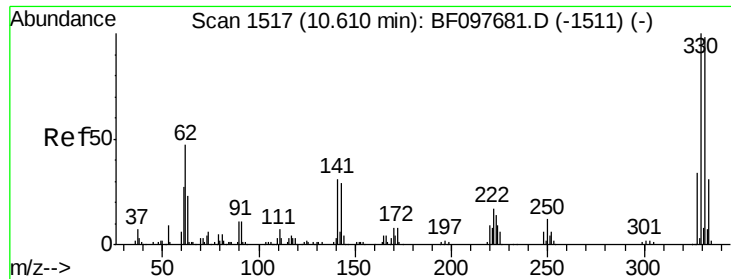


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

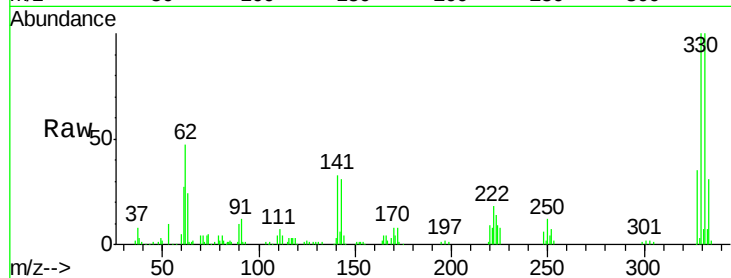




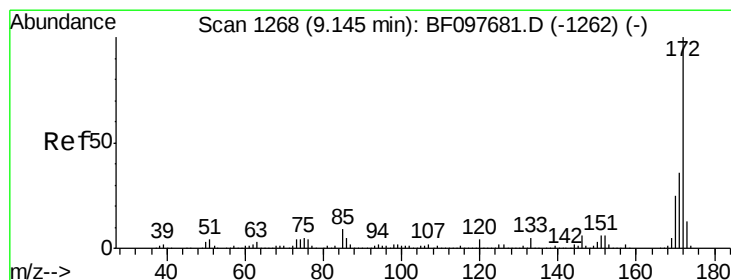
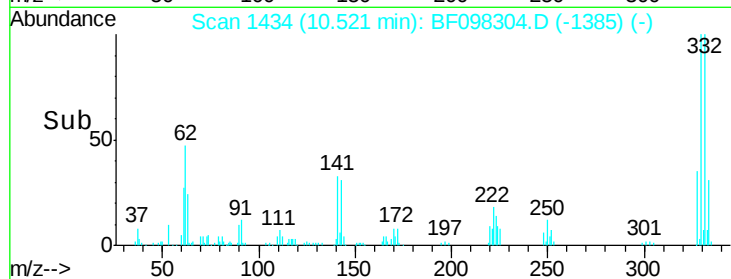
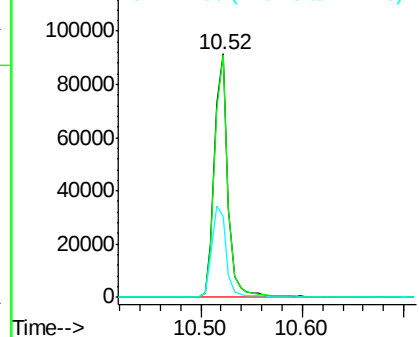
#41
 2,4,6-Tribromophenol
 Concen: 68.94 ng
 RT: 10.52 min Scan# 1434
 Delta R.T. -0.01 min
 Lab File: BF098304.D
 Acq: 7 Sep 2017 6:29

Instrument :
 BNA_F
 ClientSampleId :
 CLEAN-SAND-9

Tot Ion:330 Resp: 85149
 Ion Ratio Lower Upper
 330 100
 332 97.3 76.6 115.0
 141 39.8 31.4 47.2

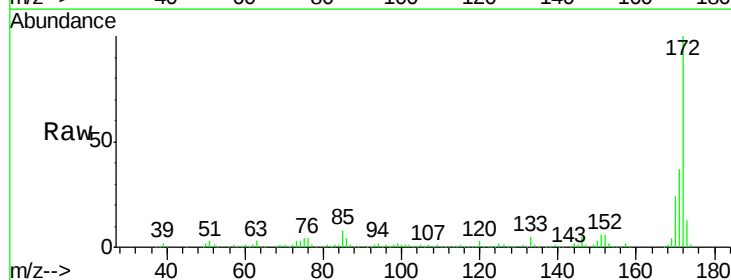


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

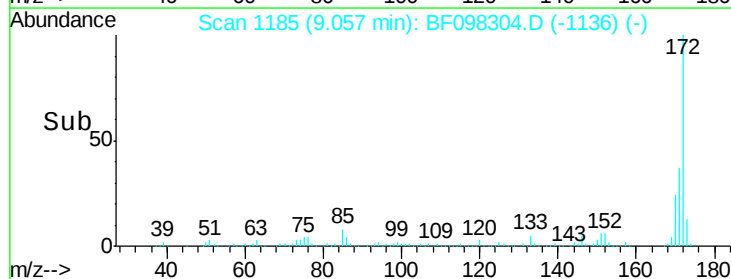
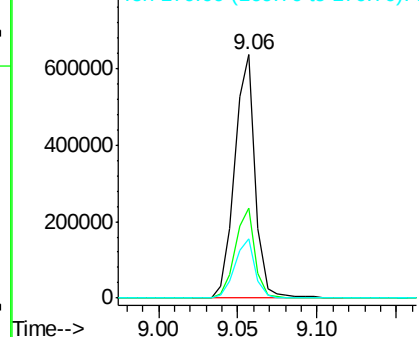


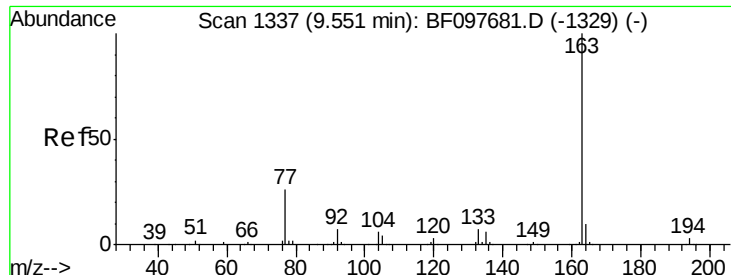
#44
 2-Fluorobiphenyl
 Concen: 59.23 ng
 RT: 9.06 min Scan# 1185
 Delta R.T. -0.01 min
 Lab File: BF098304.D
 Acq: 7 Sep 2017 6:29

Tgt Ion:172 Resp: 573958
 Ion Ratio Lower Upper
 172 100
 171 36.7 29.6 44.4
 170 24.3 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

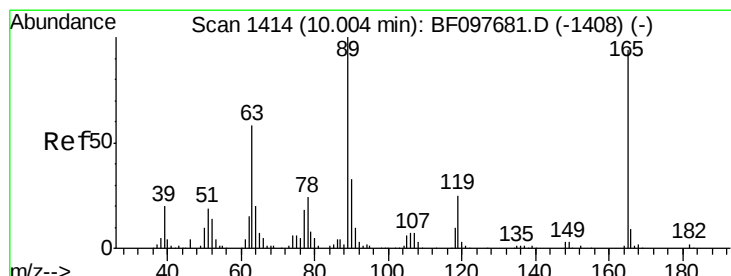
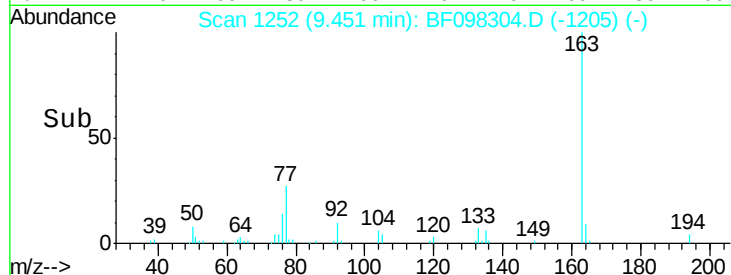
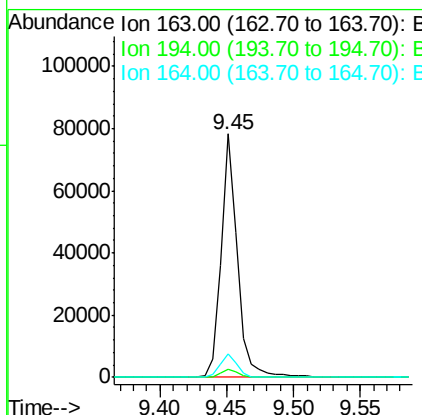
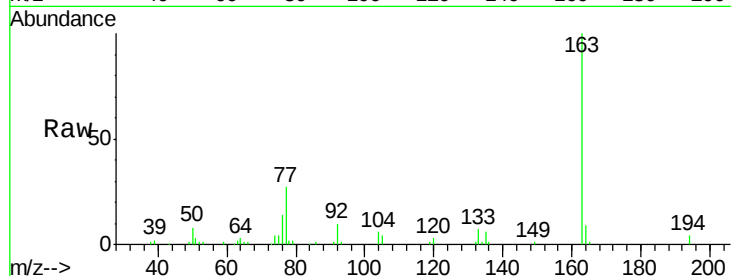




#49
Dimethylphthalate
Concen: 6.50 ng
RT: 9.45 min Scan# 1252
Delta R.T. -0.02 min
Lab File: BF098304.D
Acq: 7 Sep 2017 6:29

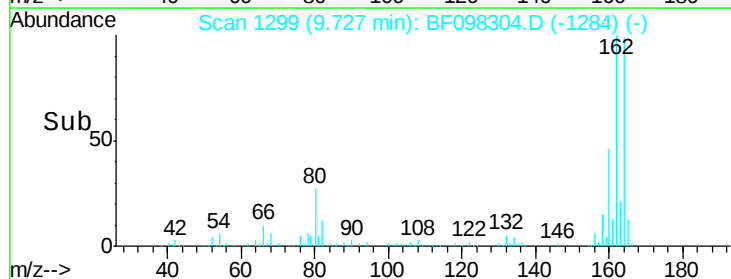
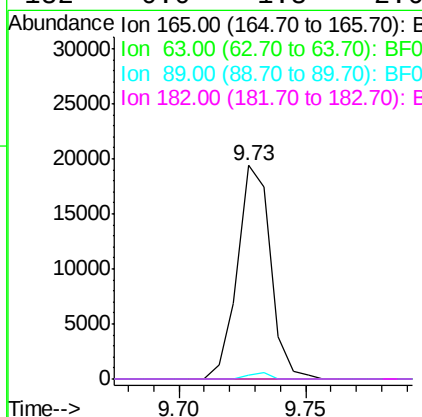
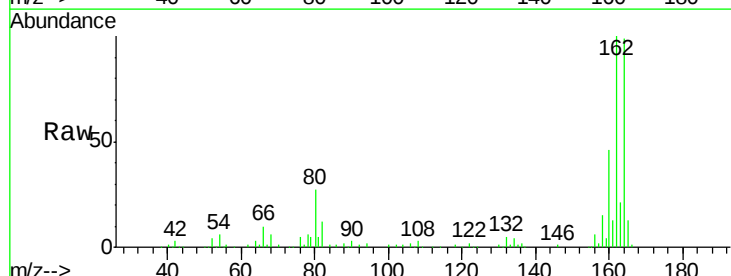
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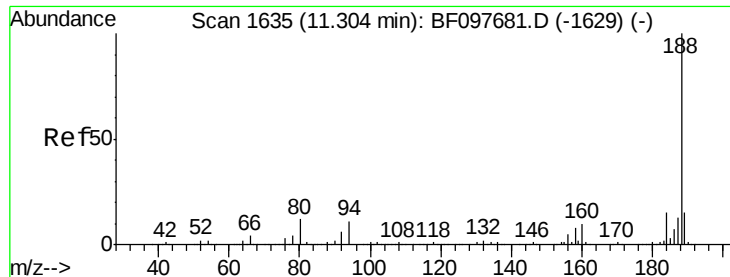
Tot Ion:163 Resp: 67690
Ion Ratio Lower Upper
163 100
194 3.5 2.6 4.0
164 9.5 8.4 12.6



#56
2,4-Dinitrotoluene
Concen: 6.74 ng
RT: 9.73 min Scan# 1299
Delta R.T. -0.21 min
Lab File: BF098304.D
Acq: 7 Sep 2017 6:29

Tgt Ion:165 Resp: 17579
Ion Ratio Lower Upper
165 100
63 0.0 25.4 38.0#
89 2.0 46.4 69.6#
182 0.0 1.8 2.6#

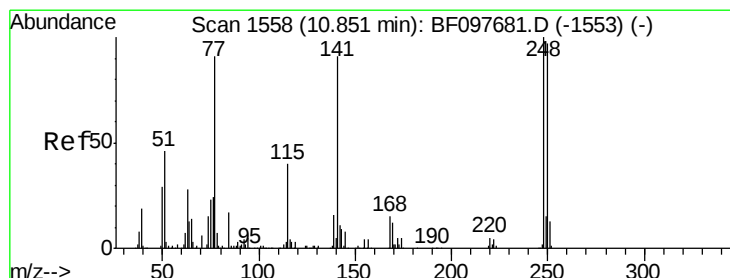
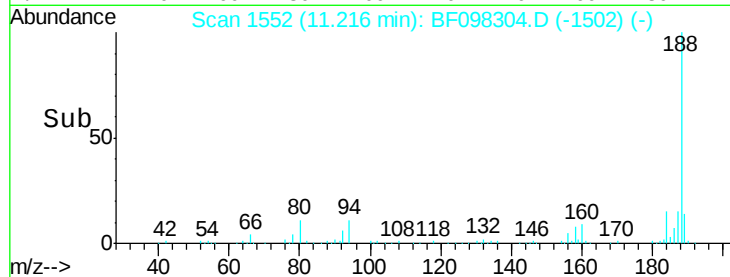
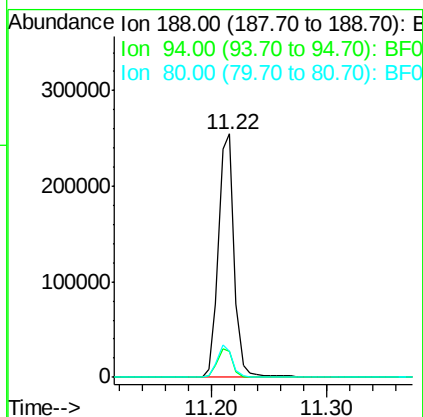
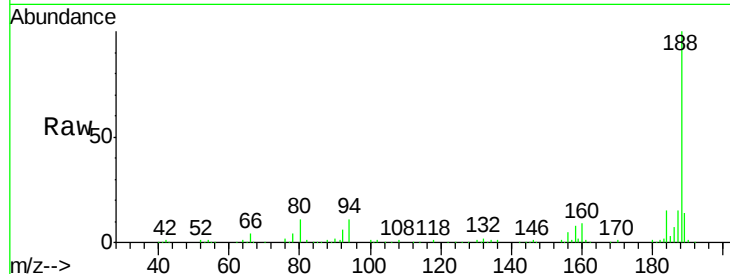




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.22 min Scan# 1552
Delta R.T. -0.01 min
Lab File: BF098304.D
Acq: 7 Sep 2017 6:29

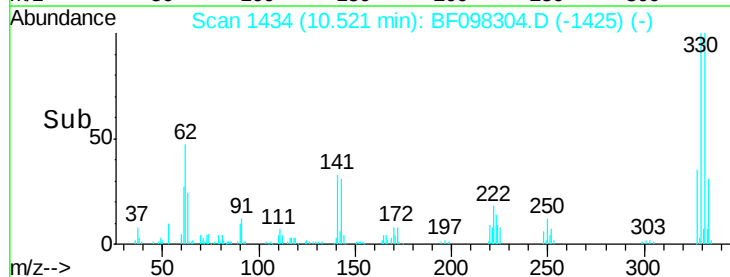
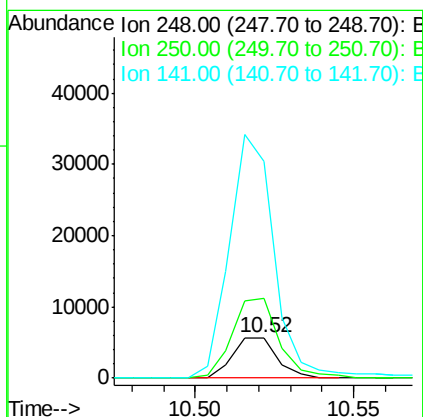
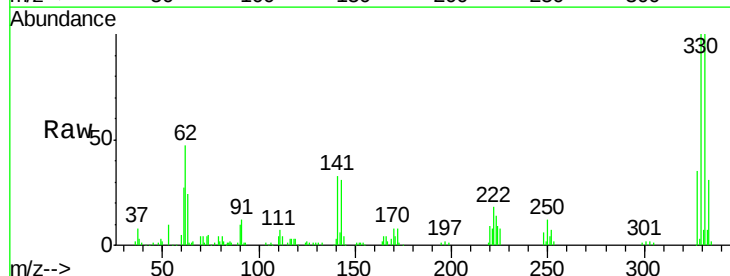
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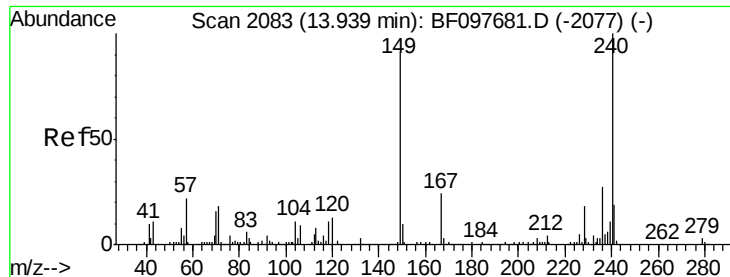
Tot Ion:188 Resp: 242119
Ion Ratio Lower Upper
188 100
94 10.8 9.4 14.2
80 10.8 10.2 15.2



#66
4-Bromophenyl-phenylether
Concen: 2.16 ng
RT: 10.52 min Scan# 1434
Delta R.T. -0.25 min
Lab File: BF098304.D
Acq: 7 Sep 2017 6:29

Tgt Ion:248 Resp: 5427
Ion Ratio Lower Upper
248 100
250 196.3 76.8 115.2#
141 534.3 68.6 103.0#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.84 min Scan# 1999

Delta R.T. -0.02 min

Lab File: BF098304.D

Acq: 7 Sep 2017 6:29

Instrument :

BNA_F

ClientSampleId :

CLEAN-SAND-9

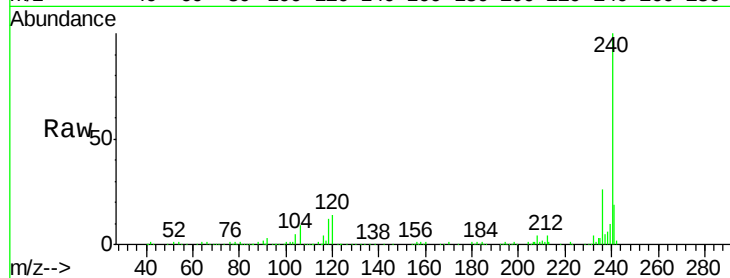
Tot Ion:240 Resp: 222224

Ion Ratio Lower Upper

240 100

120 13.9 5.8 8.8#

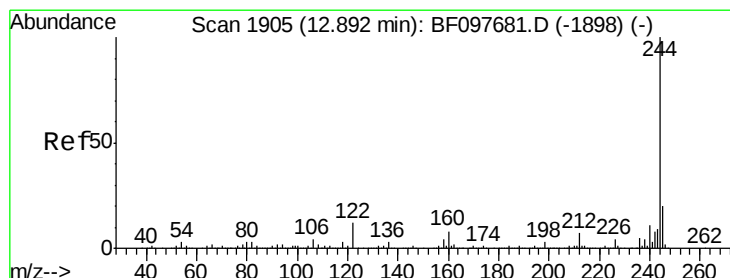
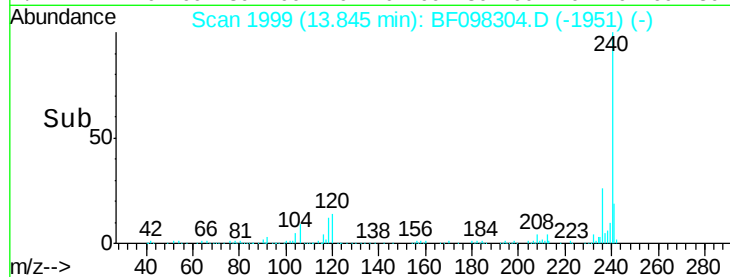
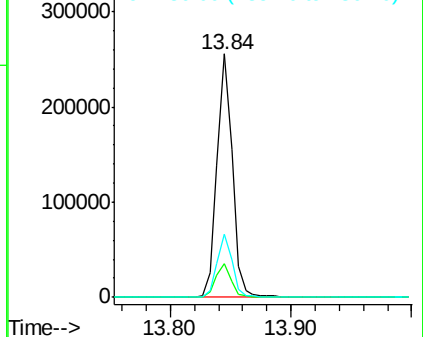
236 25.8 20.5 30.7



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: 38.95 ng

RT: 12.80 min Scan# 1821

Delta R.T. -0.01 min

Lab File: BF098304.D

Acq: 7 Sep 2017 6:29

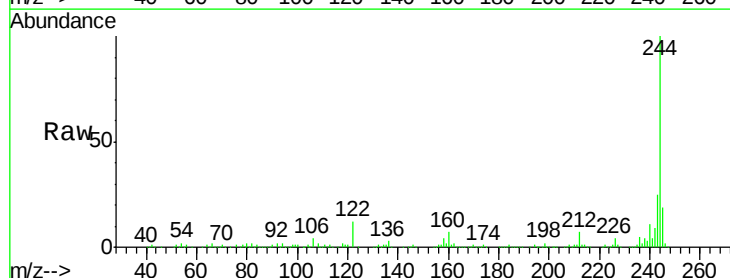
Tgt Ion:244 Resp: 415104

Ion Ratio Lower Upper

244 100

212 7.1 6.0 9.0

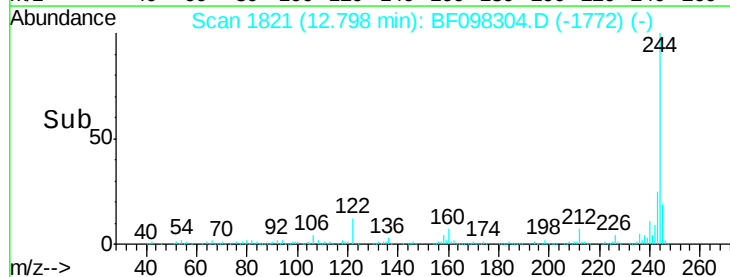
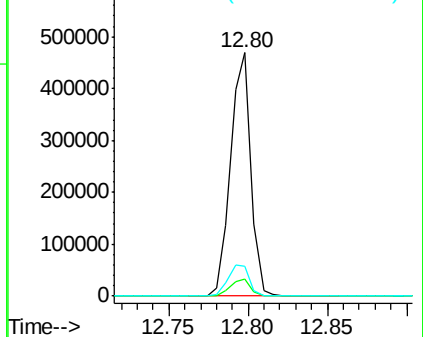
122 12.2 10.3 15.5

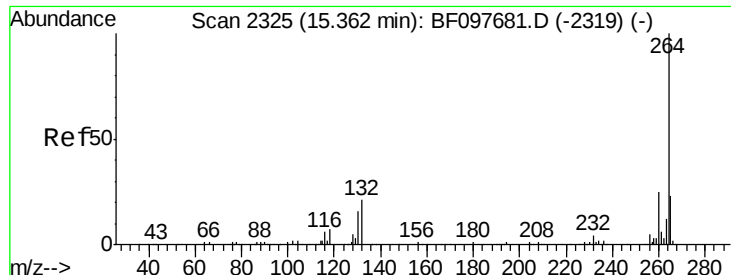


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

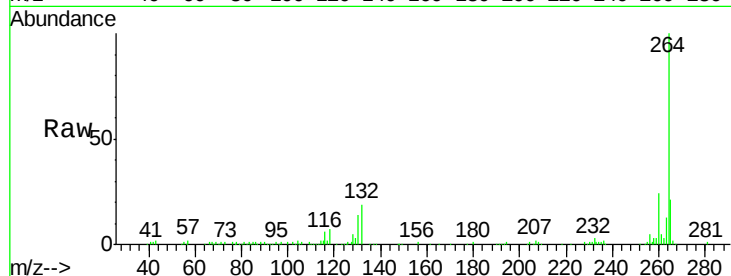




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 15.26 min Scan# 2239
 Delta R.T. -0.01 min
 Lab File: BF098304.D
 Acq: 7 Sep 2017 6:29

Instrument :
 BNA_F
 ClientSampleId :
 CLEAN-SAND-9

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.5	29.3
265	21.3	17.2	25.8



Abundance Ion 264.00 (263.70 to 264.70): E
 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E

