

Data Path : Z:\HPCHEM1\BNA F\DATA\BF090117\
 Data File : BF098230.D
 Acq On : 1 Sep 2017 16:51
 Operator : SJ/JU
 Sample : I5025-08
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TEC-COMP-9-12

Quant Time: Sep 01 17:55:47 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 01 16:30:12 2017
 Response via : Initial Calibration

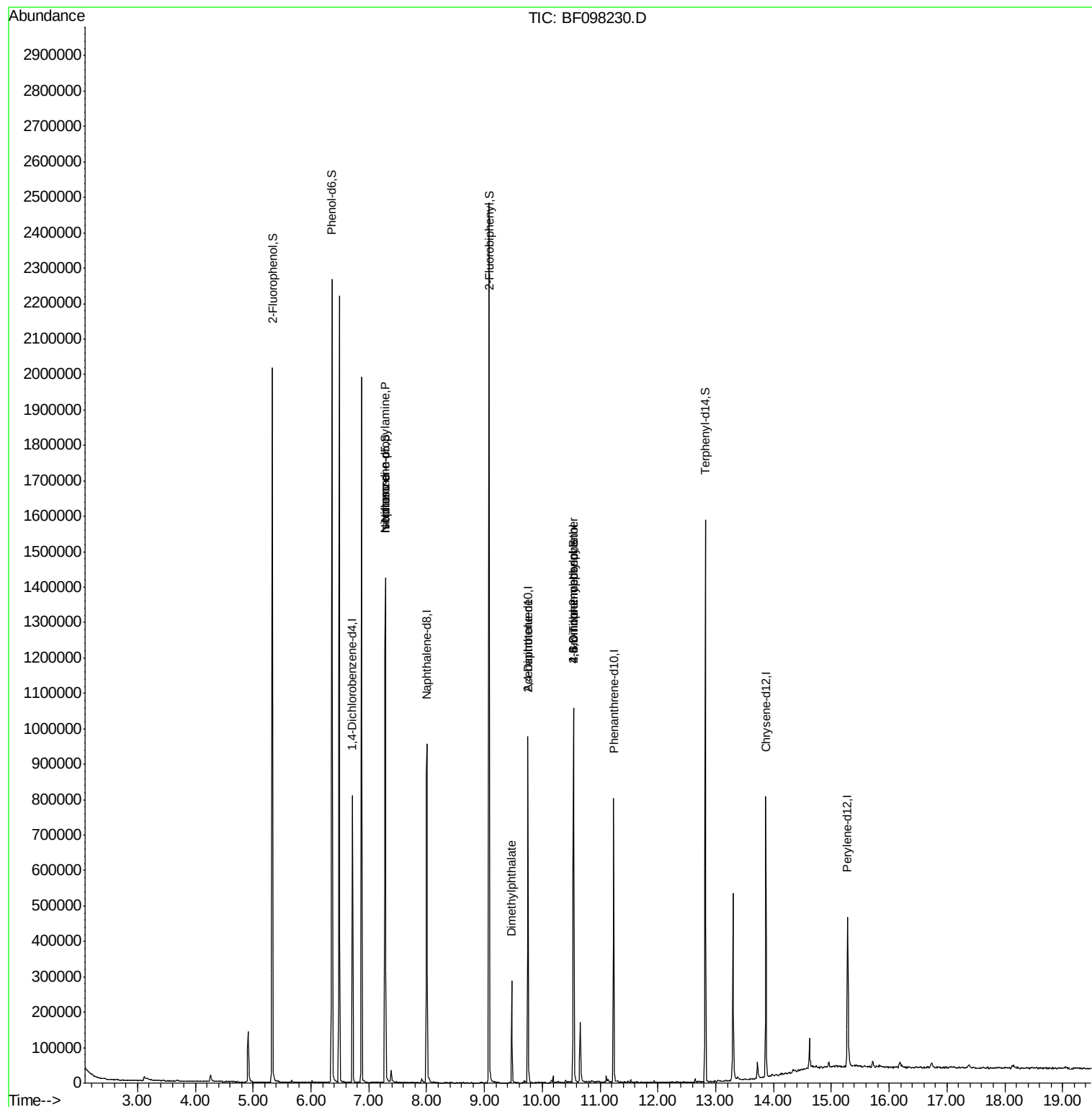
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	115032	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	449154	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	181987	20.00	ng	0.00
63) Phenanthrene-d10	11.23	188	281022	20.00	ng	0.00
75) Chrysene-d12	13.87	240	249809	20.00	ng	0.00
86) Perylene-d12	15.28	264	190621	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	630355	83.35	ng	0.00
7) Phenol-d6	6.36	99	859748	83.67	ng	0.00
23) Nitrobenzene-d5	7.29	82	512115	61.94	ng	0.00
41) 2,4,6-Tribromophenol	10.54	330	114842	72.73	ng	0.00
44) 2-Fluorobiphenyl	9.08	172	774222	62.50	ng	0.00
78) Terphenyl-d14	12.82	244	482952	40.32	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.29	70	66672	9.478	ng	# 71
25) Isophorone	7.29	82	504473	29.343	ng	# 67
49) Dimethylphthalate	9.47	163	114668	8.620	ng	# 99
56) 2,4-Dinitrotoluene	9.75	165	22588	6.778	ng	# 33
64) 4,6-Dinitro-2-methylphenol	10.54	198	117	8.394	ng	# 1
66) 4-Bromophenyl-phenylether	10.54	248	7700	2.639	ng	# 1

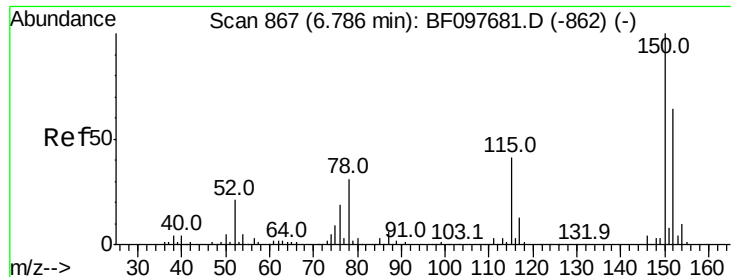
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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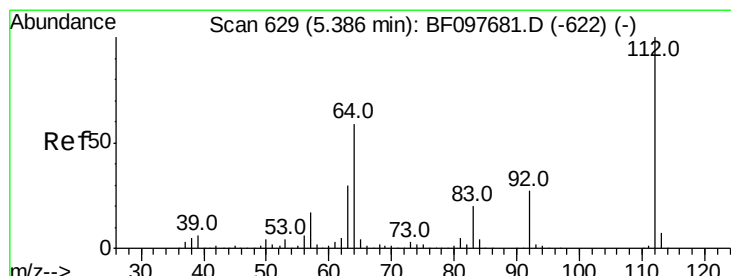
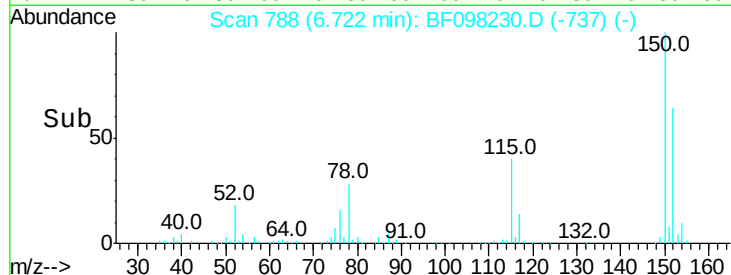
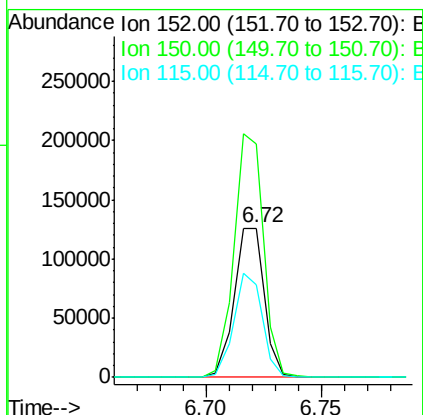
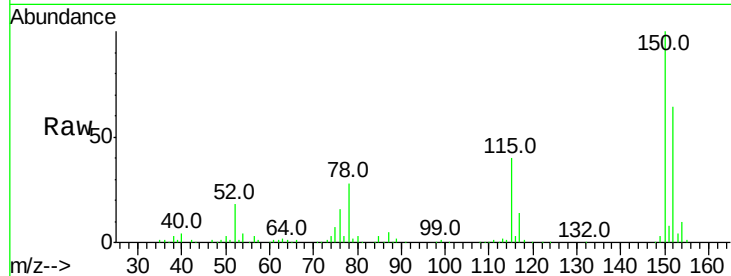


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 788
Delta R.T. 0.00 min
Lab File: BF098230.D
Acq: 1 Sep 2017 16:51

Instrument :
BNA_F
ClientSampleId :
TEC-COMP-9-12

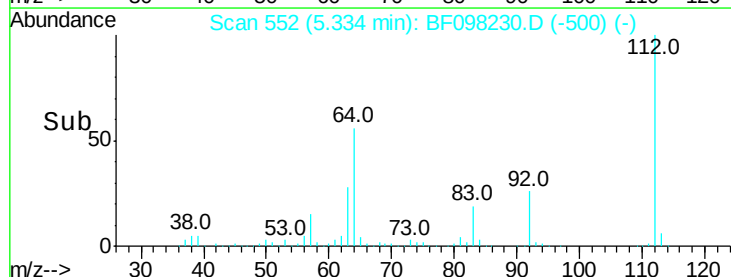
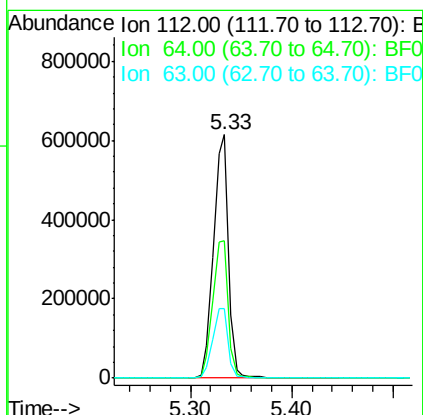
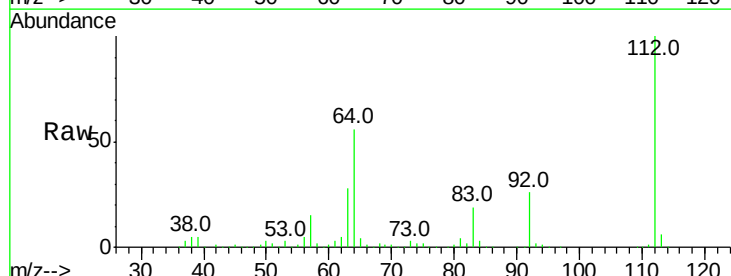
Tot Ion:152 Resp: 115032
Ion Ratio Lower Upper
152 100
150 156.2 126.2 189.2
115 61.8 52.2 78.2

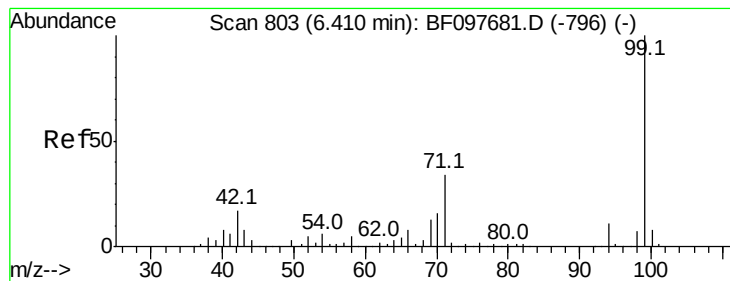


#5

2-Fluorophenol
Concen: 83.352 ng
RT: 5.33 min Scan# 552
Delta R.T. 0.01 min
Lab File: BF098230.D
Acq: 1 Sep 2017 16:51

Tgt Ion:112 Resp: 630355
Ion Ratio Lower Upper
112 100
64 56.2 46.0 69.0
63 28.4 23.4 35.0





#7

Phenol-d6

Concen: 83.671 ng

RT: 6.36 min Scan# 727

Delta R.T. -0.01 min

Lab File: BF098230.D

Acq: 1 Sep 2017 16:51

Instrument :

BNA_F

ClientSampleId :

TEC-COMP-9-12

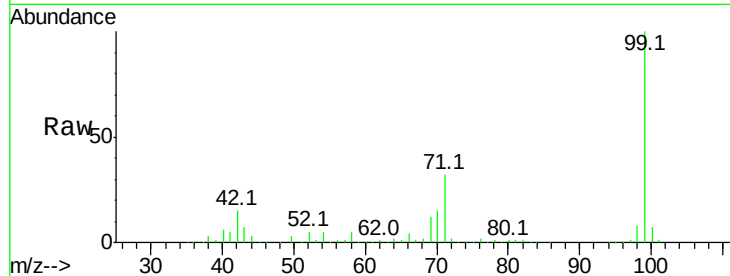
Tot Ion: 99 Resp: 859748

Ion Ratio Lower Upper

99 100

42 15.1 13.5 20.3

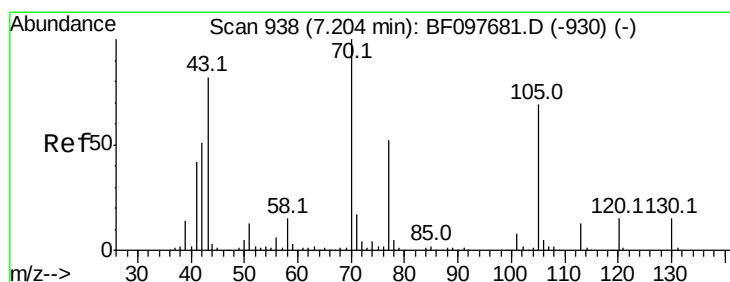
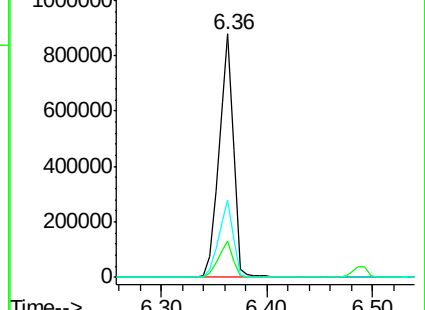
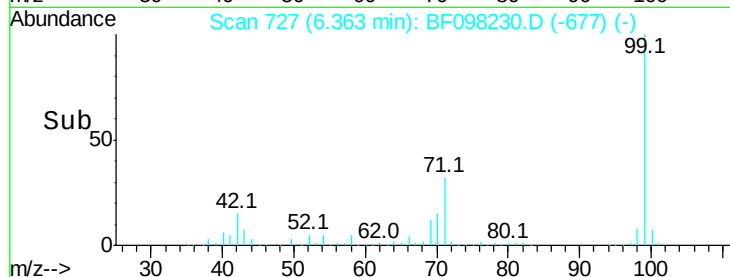
71 31.8 24.5 36.7



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: 9.478 ng

RT: 7.29 min Scan# 884

Delta R.T. 0.14 min

Lab File: BF098230.D

Acq: 1 Sep 2017 16:51

Tgt Ion: 70 Resp: 66672

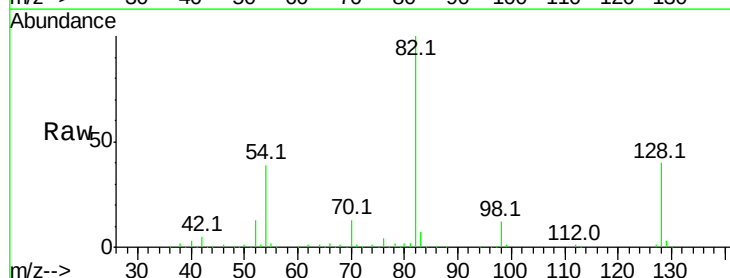
Ion Ratio Lower Upper

70 100

42 39.8 47.2 70.8#

101 0.0 7.2 10.8#

130 2.0 15.9 23.9#

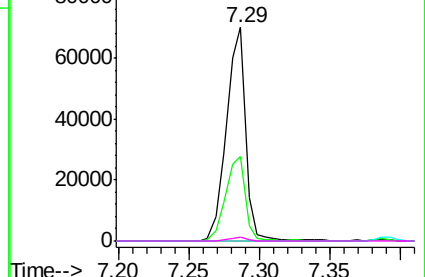
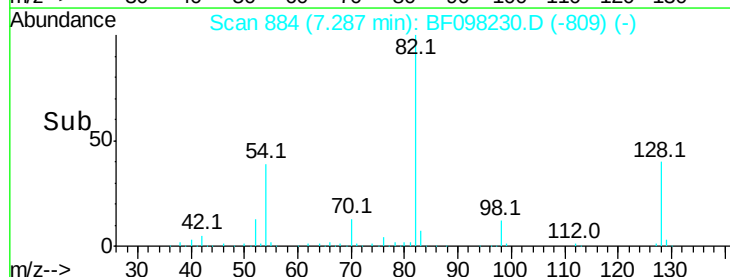


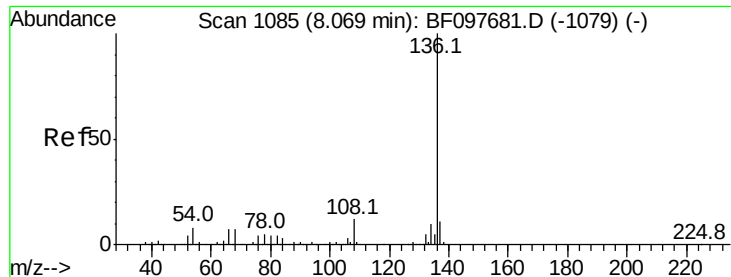
Abundance Ion 70.00 (69.70 to 70.70): BF0

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

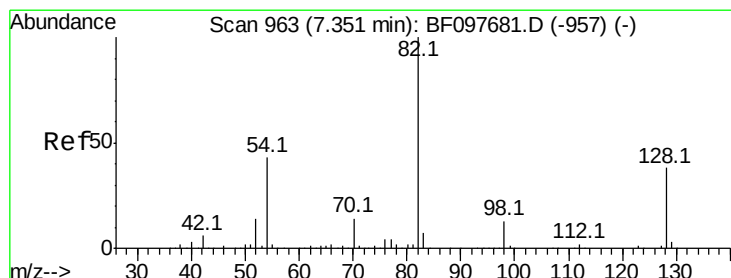
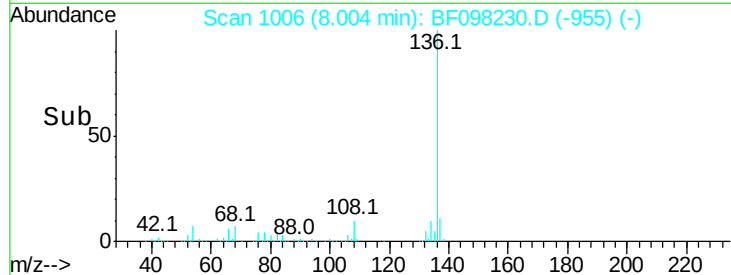
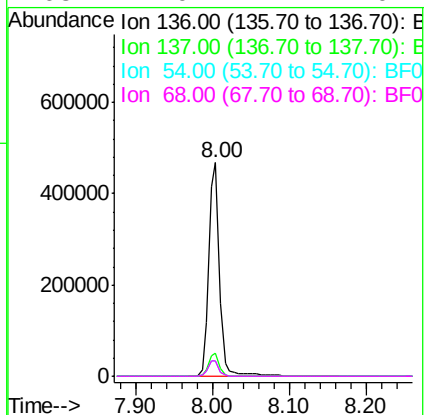
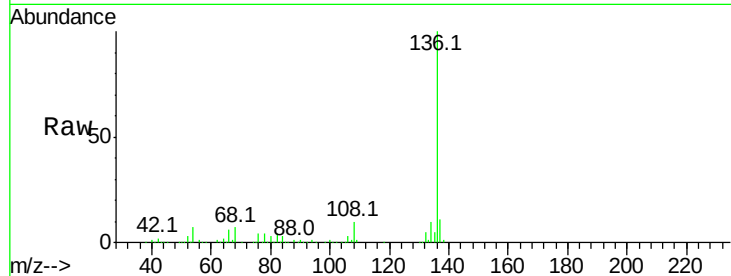




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.00 min Scan# 1006
Delta R.T. 0.00 min
Lab File: BF098230.D
Acq: 1 Sep 2017 16:51

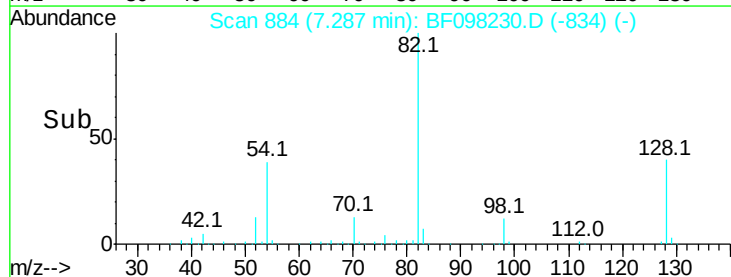
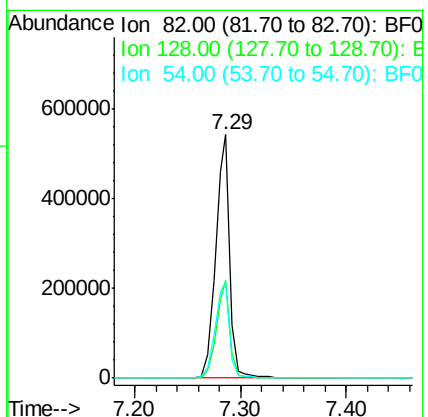
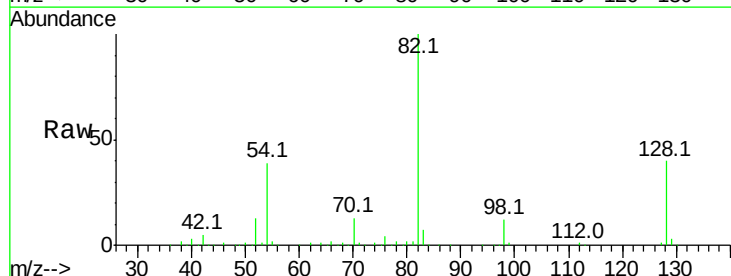
Instrument :
BNA_F
ClientSampleId :
TEC-COMP-9-12

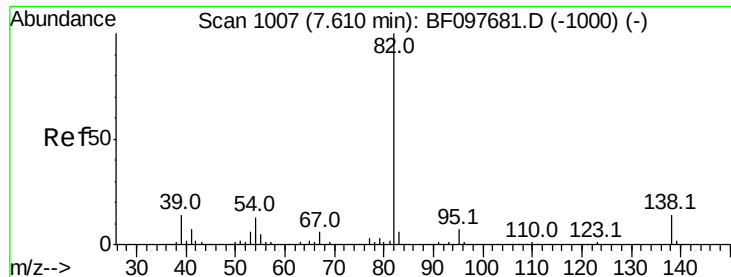
Tot Ion:136 Resp: 449154
Ion Ratio Lower Upper
136 100
137 10.9 8.5 12.7
54 7.1 4.9 7.3
68 7.0 4.1 6.1#



#23
Nitrobenzene-d5
Concen: 61.940 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.01 min
Lab File: BF098230.D
Acq: 1 Sep 2017 16:51

Tgt Ion: 82 Resp: 512115
Ion Ratio Lower Upper
82 100
128 40.0 34.0 51.0
54 39.5 42.2 63.2#





#25

Isophorone

Concen: 29.343 ng

RT: 7.29 min Scan# 884

Delta R.T. -0.26 min

Lab File: BF098230.D

Acq: 1 Sep 2017 16:51

Instrument :

BNA_F

ClientSampleId :

TEC-COMP-9-12

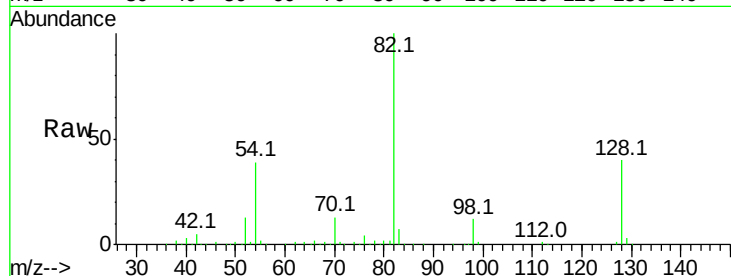
Tot Ion: 82 Resp: 504473

Ion Ratio Lower Upper

82 100

95 0.0 5.3 7.9#

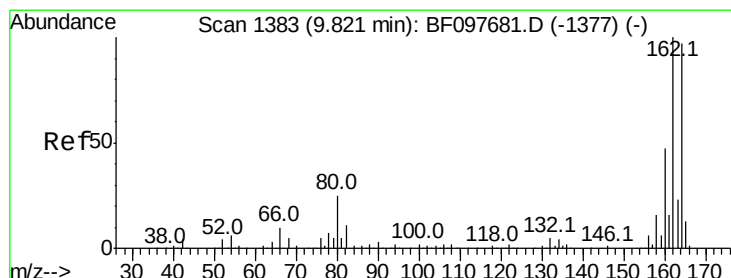
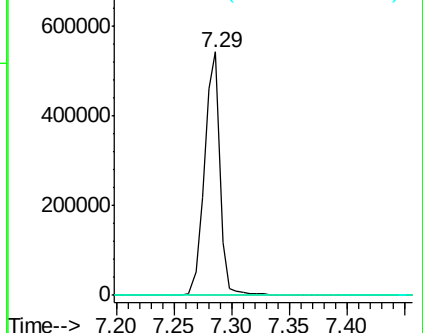
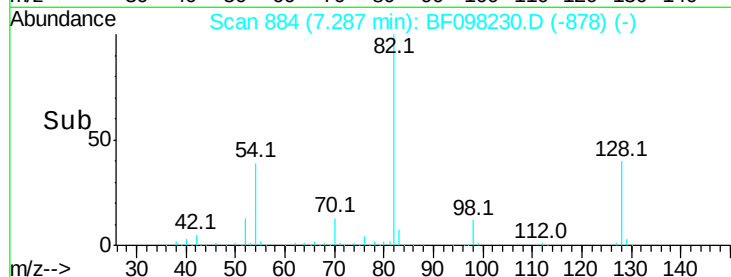
138 0.0 13.1 19.7#



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: 20.000 ng

RT: 9.75 min Scan# 1303

Delta R.T. -0.01 min

Lab File: BF098230.D

Acq: 1 Sep 2017 16:51

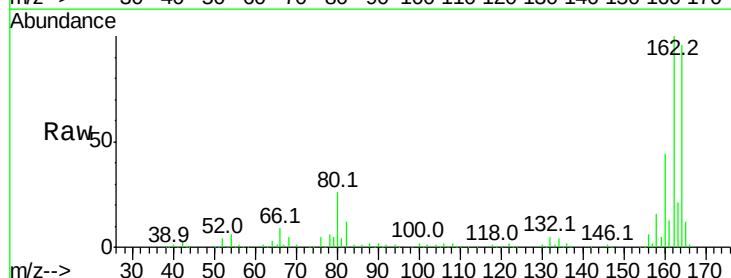
Tgt Ion:164 Resp: 181987

Ion Ratio Lower Upper

164 100

162 104.5 82.6 123.8

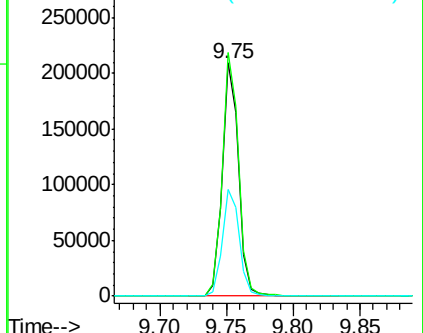
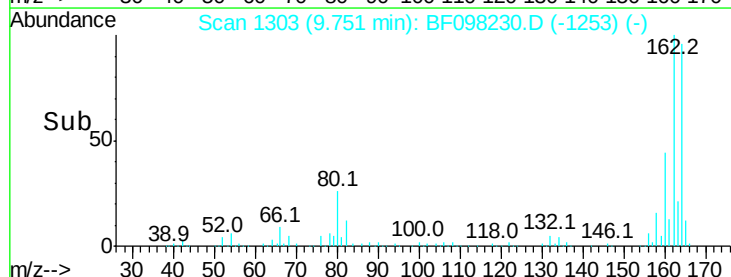
160 45.9 36.2 54.2

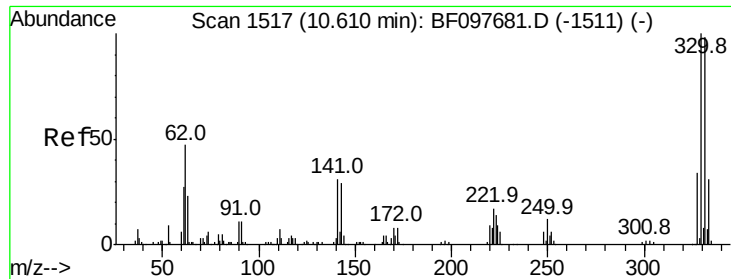


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

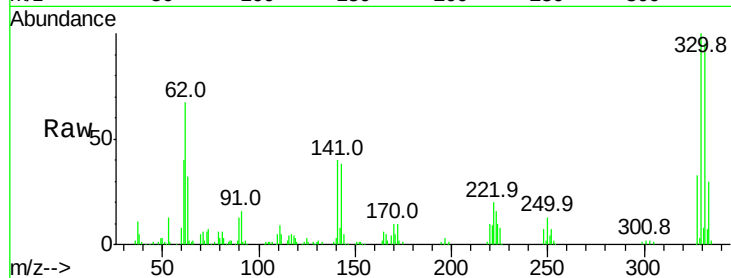




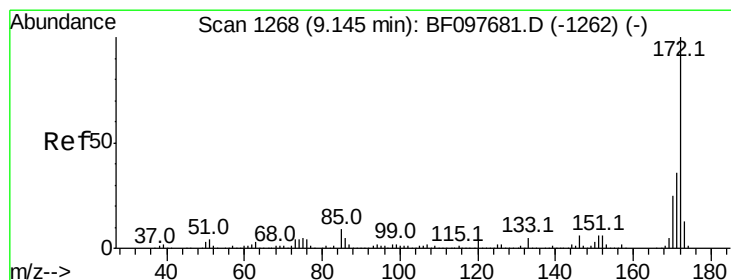
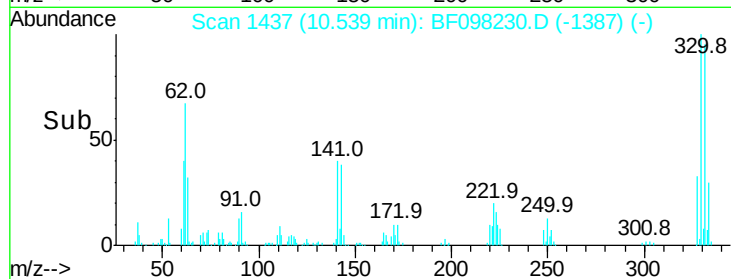
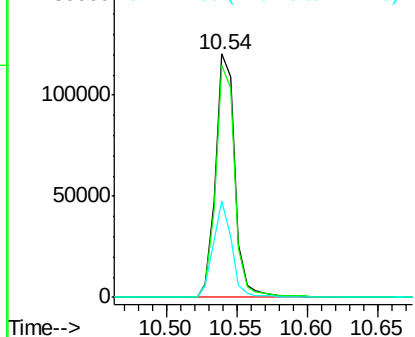
#41
 2,4,6-Tribromophenol
 Concen: 72.729 ng
 RT: 10.54 min Scan# 1437
 Delta R.T. -0.01 min
 Lab File: BF098230.D
 Acq: 1 Sep 2017 16:51

Instrument :
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 TEC-COMP-9-12

Tot Ion:330 Resp: 114842
 Ion Ratio Lower Upper
 330 100
 332 94.7 76.6 115.0
 141 37.8 31.4 47.2

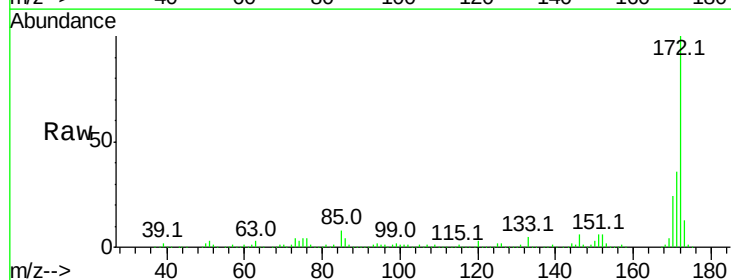


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

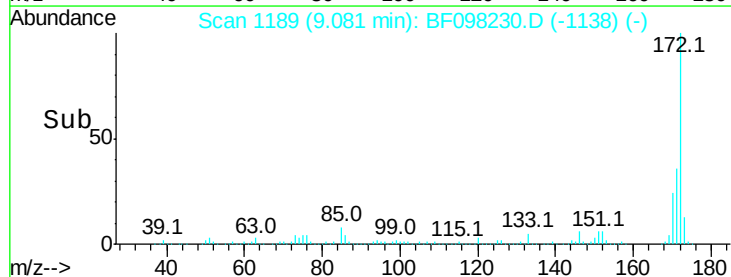
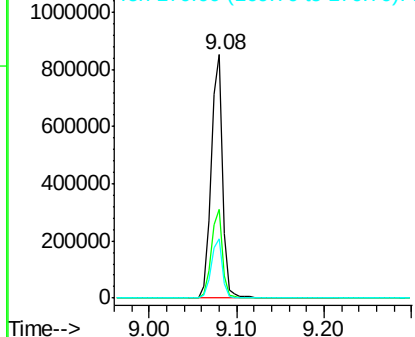


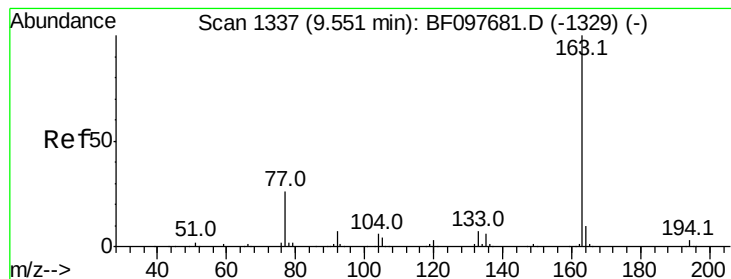
#44
 2-Fluorobiphenyl
 Concen: 62.504 ng
 RT: 9.08 min Scan# 1189
 Delta R.T. 0.00 min
 Lab File: BF098230.D
 Acq: 1 Sep 2017 16:51

Tgt Ion:172 Resp: 774222
 Ion Ratio Lower Upper
 172 100
 171 36.2 29.6 44.4
 170 24.2 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: 8.620 ng

RT: 9.47 min Scan# 1256

Delta R.T. -0.01 min

Lab File: BF098230.D

Acq: 1 Sep 2017 16:51

Instrument :

BNA_F

ClientSampleId :

TEC-COMP-9-12

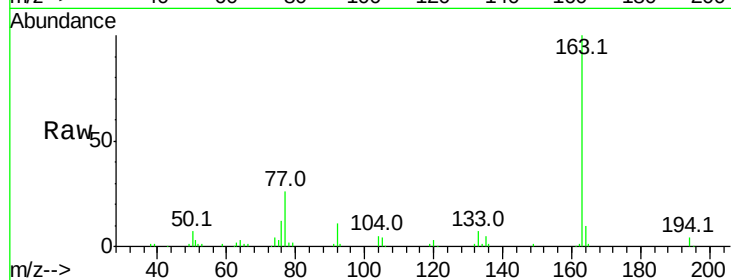
Tot Ion:163 Resp: 114668

Ion Ratio Lower Upper

163 100

194 3.6 2.6 4.0

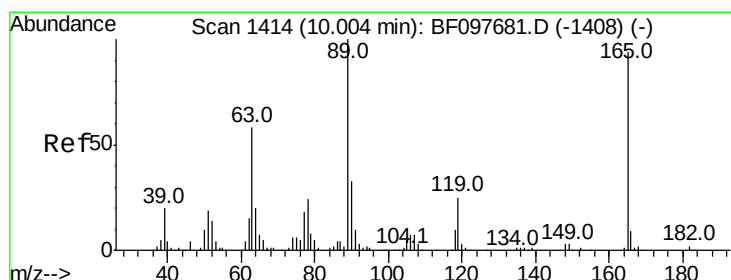
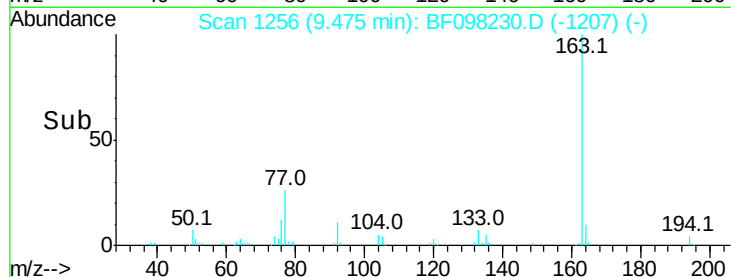
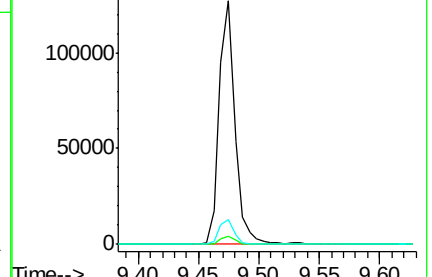
164 10.3 8.4 12.6



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: 6.778 ng

RT: 9.75 min Scan# 1303

Delta R.T. -0.20 min

Lab File: BF098230.D

Acq: 1 Sep 2017 16:51

Tgt Ion:165 Resp: 22588

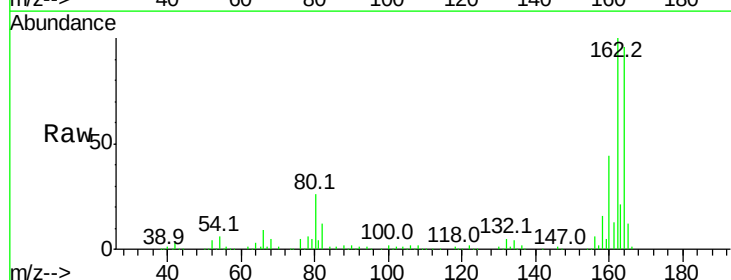
Ion Ratio Lower Upper

165 100

63 1.4 25.4 38.0#

89 1.6 46.4 69.6#

182 0.0 1.8 2.6#

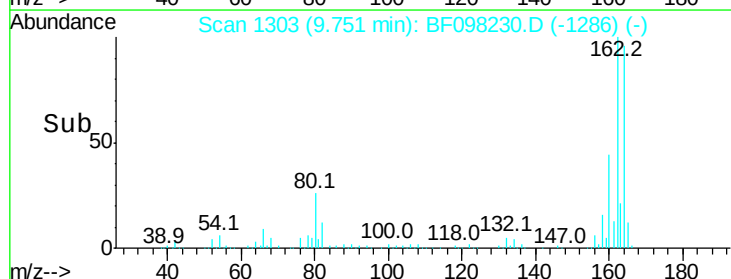
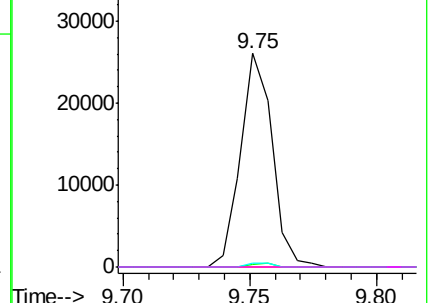


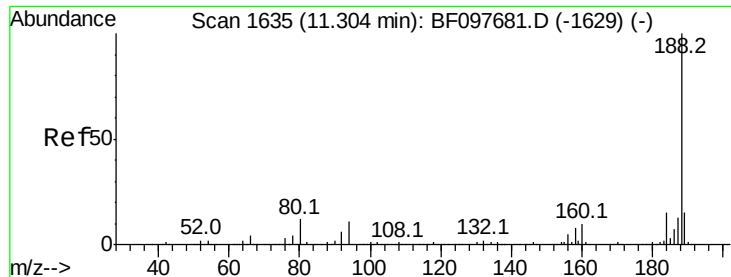
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.23 min Scan# 1555

Delta R.T. -0.01 min

Lab File: BF098230.D

Acq: 1 Sep 2017 16:51

Instrument :

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TEC-COMP-9-12

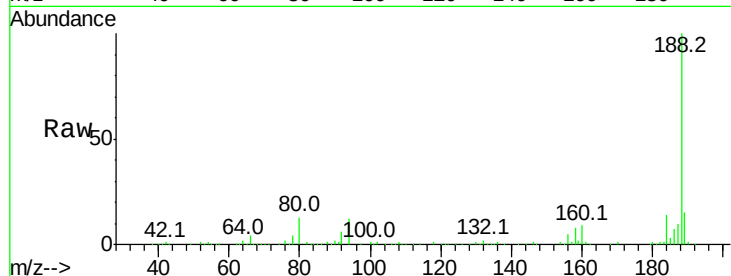
Tot Ion:188 Resp: 281022

Ion Ratio Lower Upper

188 100

94 12.0 9.4 14.2

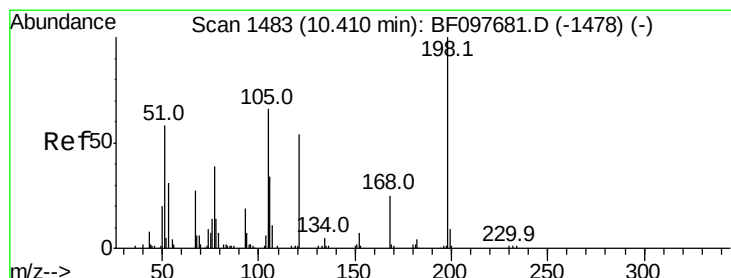
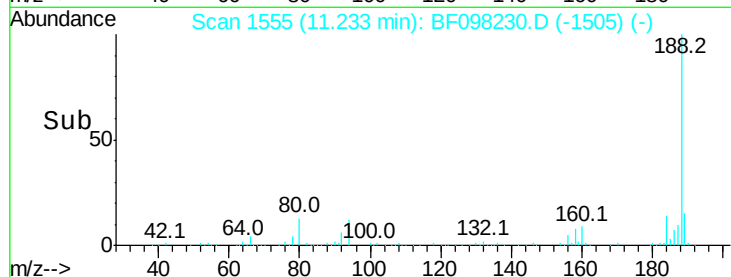
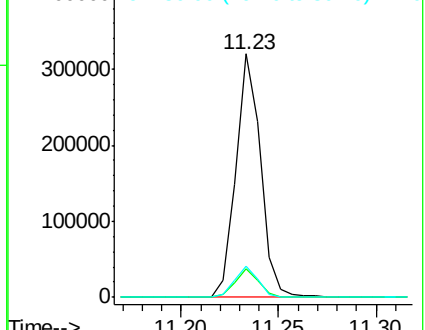
80 12.6 10.2 15.2



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



#64

4,6-Dinitro-2-methylphenol

Concen: 8.394 ng

RT: 10.54 min Scan# 1437

Delta R.T. 0.18 min

Lab File: BF098230.D

Acq: 1 Sep 2017 16:51

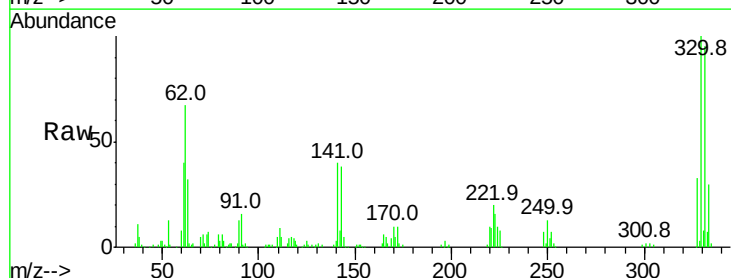
Tgt Ion:198 Resp: 117

Ion Ratio Lower Upper

198 100

51 204.2 53.2 93.2#

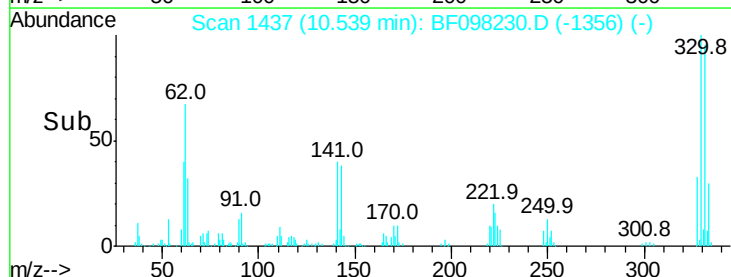
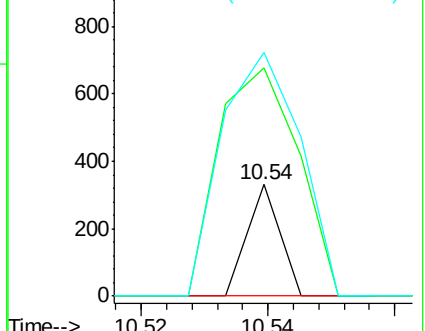
105 218.4 45.8 85.8#

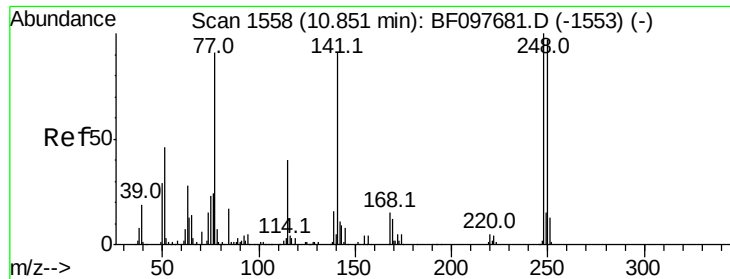


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E

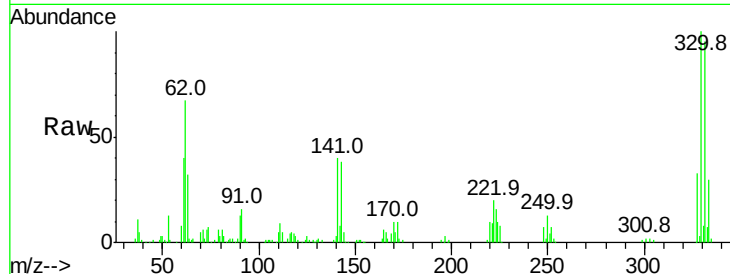




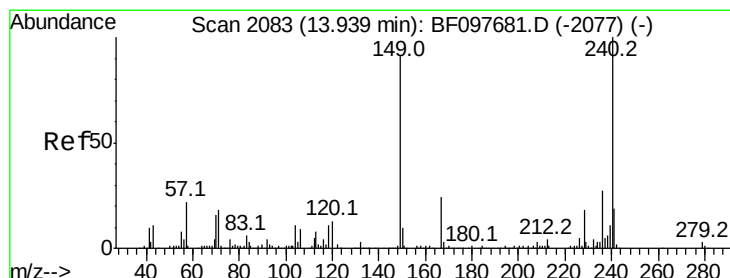
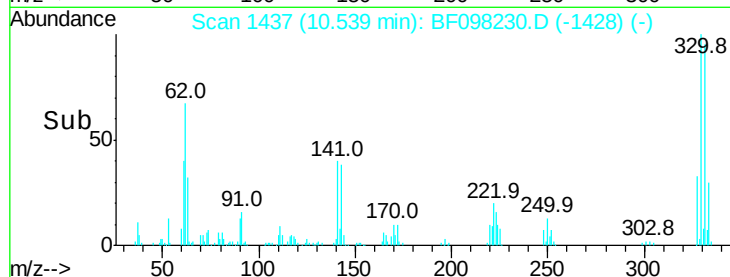
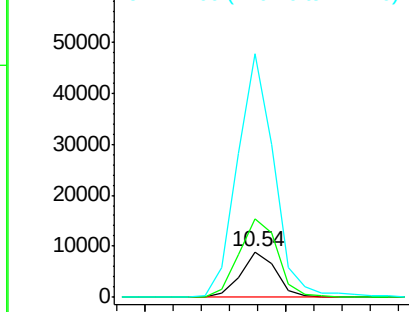
#66
 4-Bromophenyl-phenylether
 Concen: 2.639 ng
 RT: 10.54 min Scan# 1437
 Delta R.T. -0.25 min
 Lab File: BF098230.D
 Acq: 1 Sep 2017 16:51

Instrument :
 BNA_F
 ClientSampleId :
 TEC-COMP-9-12

Tot Ion:248 Resp: 7700
 Ion Ratio Lower Upper
 248 100
 250 171.9 76.8 115.2#
 141 531.5 68.6 103.0#

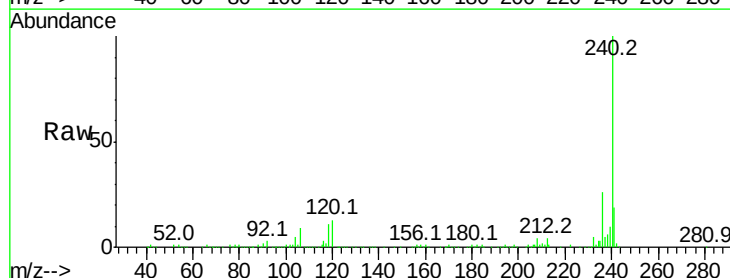


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

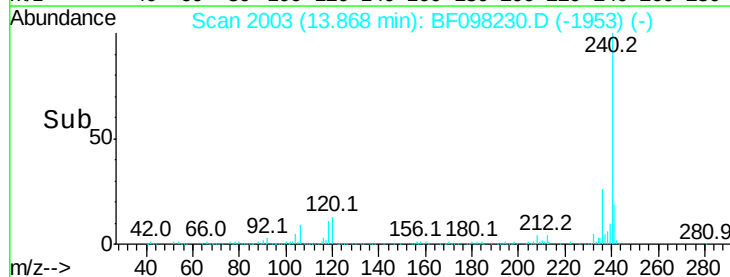
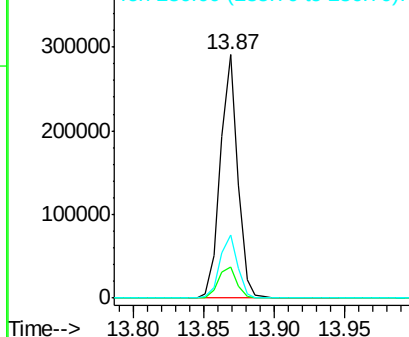


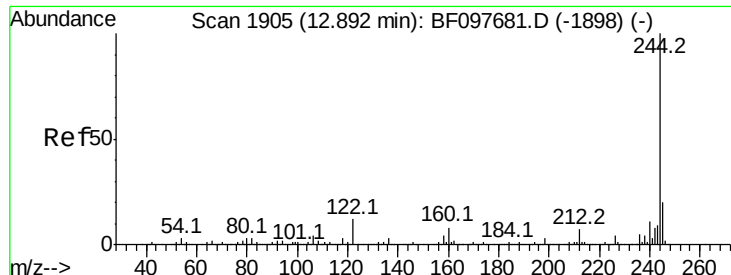
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.87 min Scan# 2003
 Delta R.T. -0.01 min
 Lab File: BF098230.D
 Acq: 1 Sep 2017 16:51

Tgt Ion:240 Resp: 249809
 Ion Ratio Lower Upper
 240 100
 120 12.8 5.8 8.8#
 236 25.9 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: 40.315 ng

RT: 12.82 min Scan# 1825

Delta R.T. 0.00 min

Lab File: BF098230.D

Acq: 1 Sep 2017 16:51

Instrument :

BNA_F

ClientSampleId :

TEC-COMP-9-12

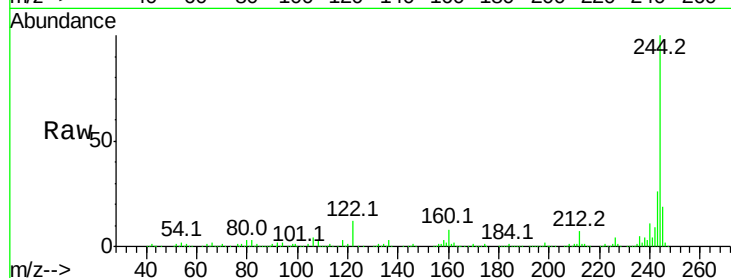
Tot Ion:244 Resp: 482952

Ion Ratio Lower Upper

244 100

212 7.2 6.0 9.0

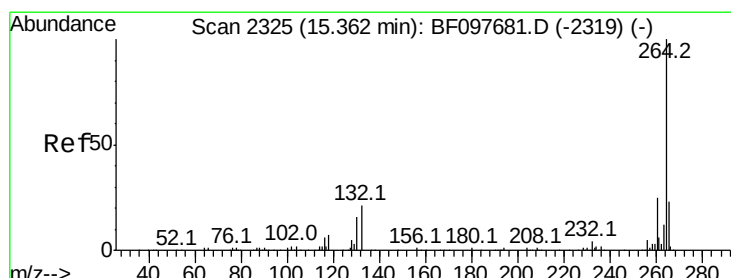
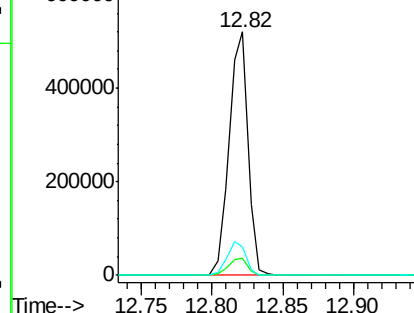
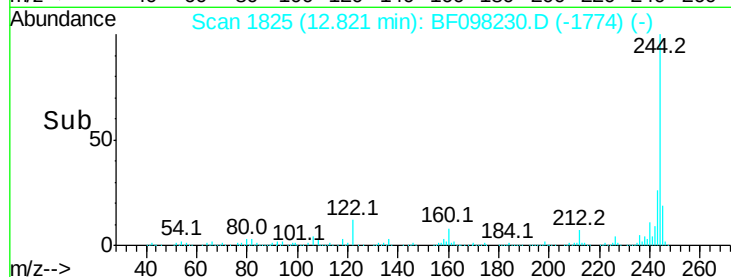
122 12.0 10.3 15.5



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

Perylene-d12

Concen: 20.000 ng

RT: 15.28 min Scan# 2243

Delta R.T. 0.00 min

Lab File: BF098230.D

Acq: 1 Sep 2017 16:51

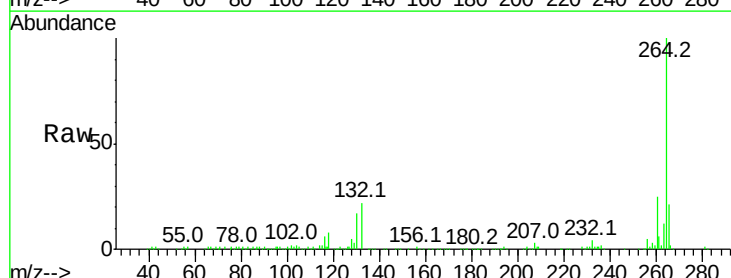
Tgt Ion:264 Resp: 190621

Ion Ratio Lower Upper

264 100

260 24.7 19.5 29.3

265 21.0 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

