

Data Path : Z:\HPCHEM1\BNA F\DATA\BF090117\
 Data File : BF098229.D
 Acq On : 1 Sep 2017 16:23
 Operator : SJ/JU
 Sample : I5025-07
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TEC-COMP-6-9

Quant Time: Sep 01 17:55:32 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

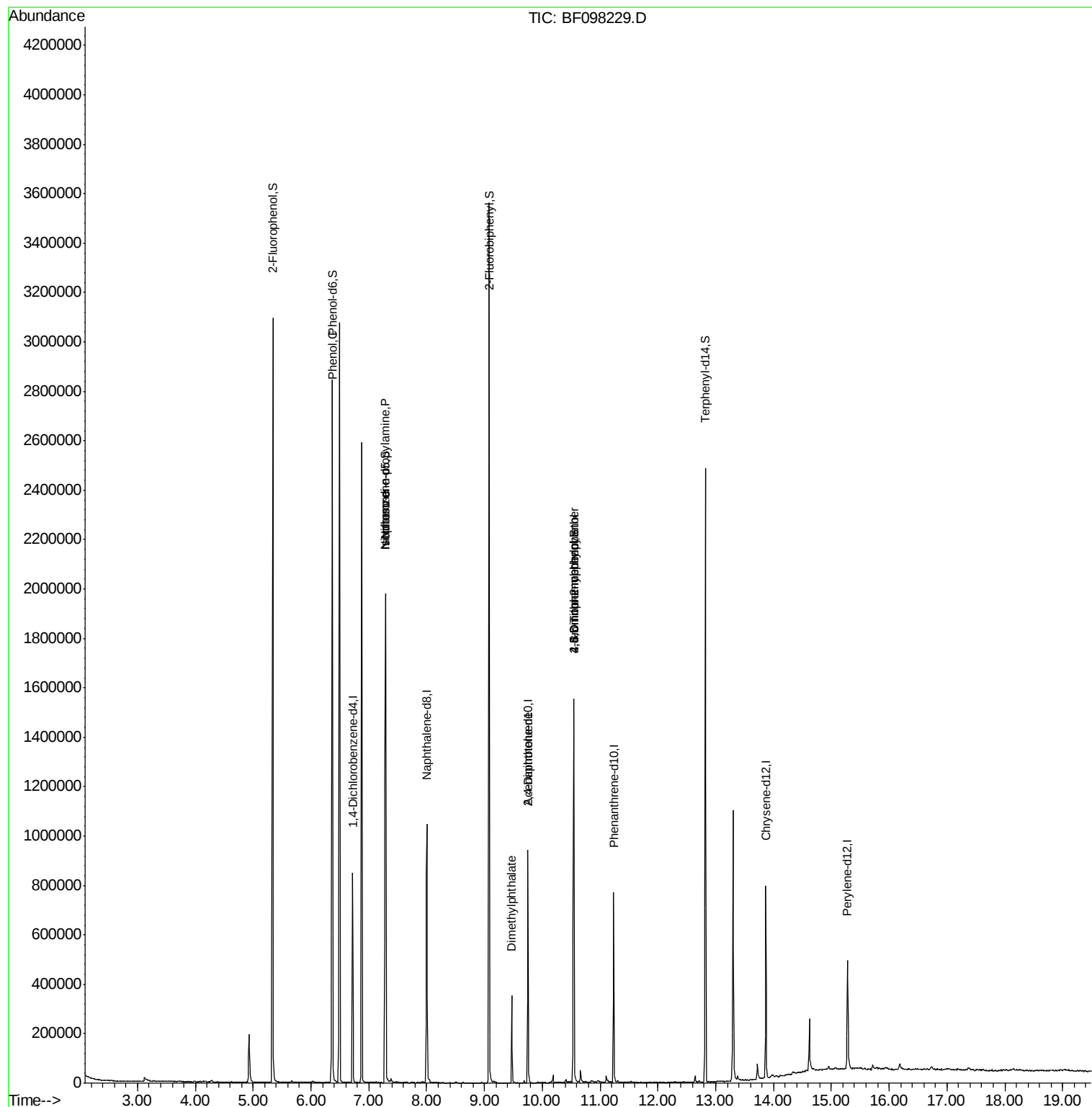
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	120309	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	457951	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	180820	20.00	ng	0.00
63) Phenanthrene-d10	11.23	188	273414	20.00	ng	0.00
75) Chrysene-d12	13.87	240	243961	20.00	ng	0.00
86) Perylene-d12	15.28	264	190411	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.34	112	1012285	127.98	ng	0.01
7) Phenol-d6	6.37	99	1392016	129.53	ng	0.00
23) Nitrobenzene-d5	7.29	82	839155	99.55	ng	0.00
41) 2,4,6-Tribromophenol	10.55	330	184941	117.88	ng	0.00
44) 2-Fluorobiphenyl	9.08	172	1180960	95.96	ng	0.00
78) Terphenyl-d14	12.82	244	732776	62.64	ng	0.00
Target Compounds						
10) Phenol	6.38	94	28072	2.233	ng	92
19) n-Nitroso-di-n-propylamine	7.29	70	110654	15.041	ng	# 71
25) Isophorone	7.29	82	829555	47.325	ng	# 67
49) Dimethylphthalate	9.47	163	129293	9.782	ng	99
56) 2,4-Dinitrotoluene	9.75	165	22601	6.826	ng	# 33
64) 4,6-Dinitro-2-methylphenol	10.55	198	355	8.548	ng	# 1
66) 4-Bromophenyl-phenylether	10.55	248	11732	4.132	ng	# 1

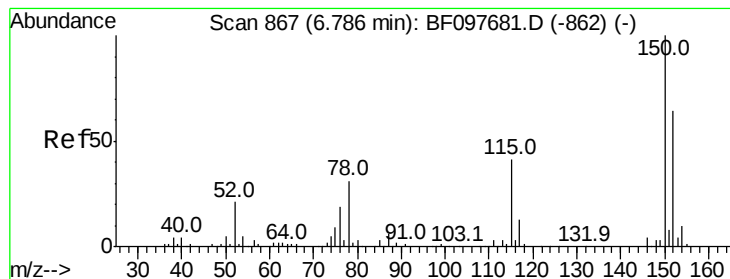
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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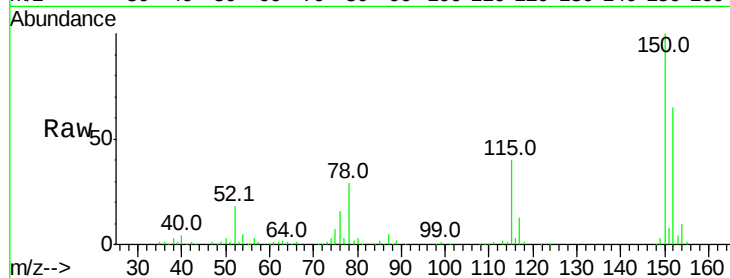


#1

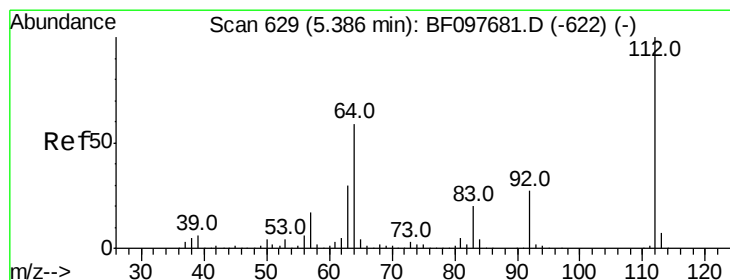
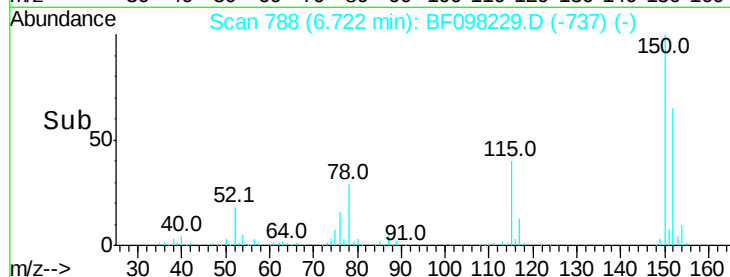
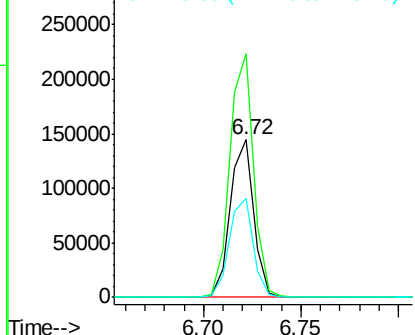
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 788
Delta R.T. 0.00 min
Lab File: BF098229.D
Acq: 1 Sep 2017 16:23

Instrument :
BNA_F
ClientSampleId :
TEC-COMP-6-9

Tot Ion:152 Resp: 120309
Ion Ratio Lower Upper
152 100
150 154.6 126.2 189.2
115 62.4 52.2 78.2



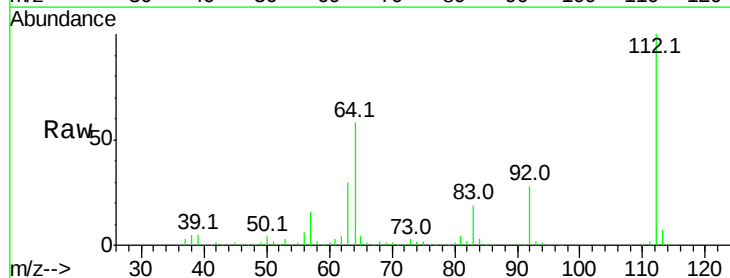
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



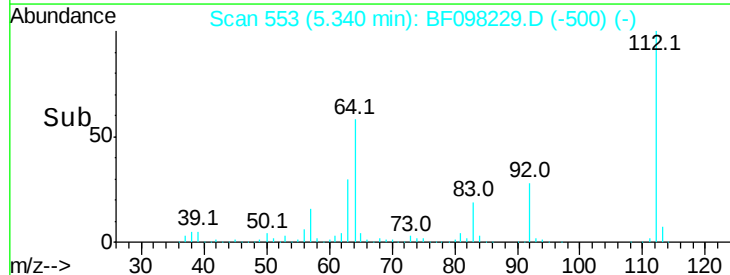
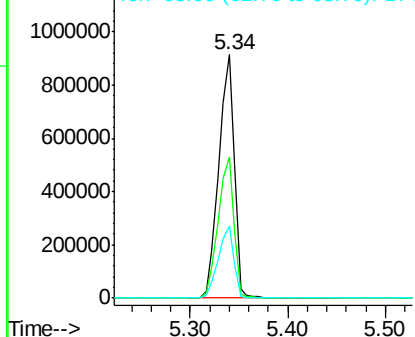
#5

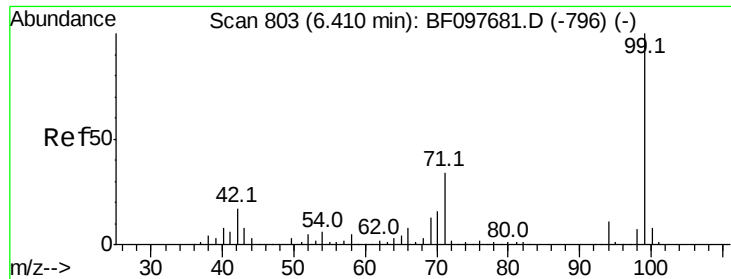
2-Fluorophenol
Concen: 127.984 ng
RT: 5.34 min Scan# 553
Delta R.T. 0.01 min
Lab File: BF098229.D
Acq: 1 Sep 2017 16:23

Tgt Ion:112 Resp: 1012285
Ion Ratio Lower Upper
112 100
64 58.2 46.0 69.0
63 29.8 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: 129.529 ng

RT: 6.37 min Scan# 728

Delta R.T. 0.00 min

Lab File: BF098229.D

Acq: 1 Sep 2017 16:23

Instrument :

BNA_F

ClientSampled :

TEC-COMP-6-9

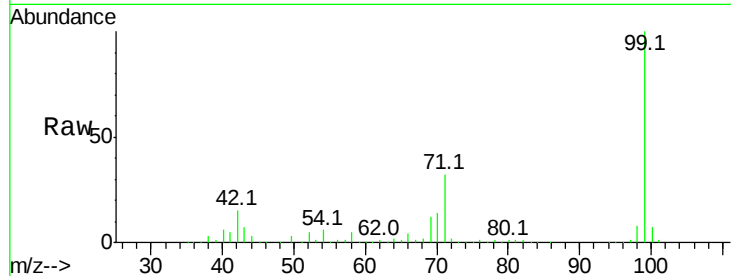
Tot Ion: 99 Resp: 1392016

Ion Ratio Lower Upper

99 100

42 14.8 13.5 20.3

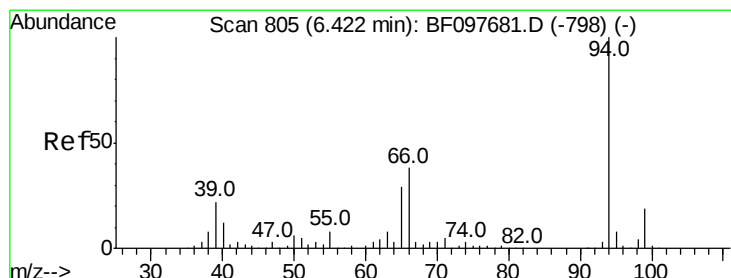
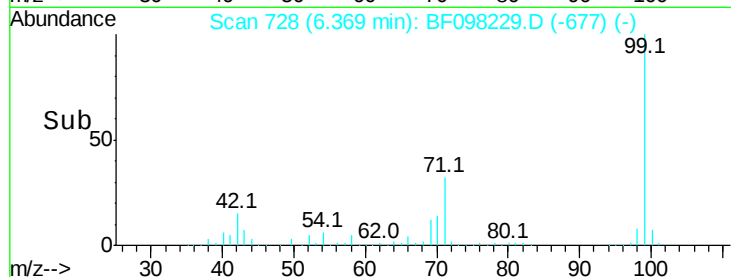
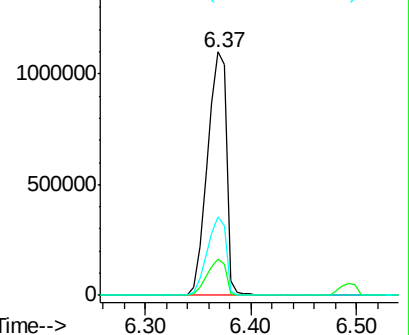
71 32.4 24.5 36.7



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



#10

Phenol

Concen: 2.233 ng

RT: 6.38 min Scan# 730

Delta R.T. 0.00 min

Lab File: BF098229.D

Acq: 1 Sep 2017 16:23

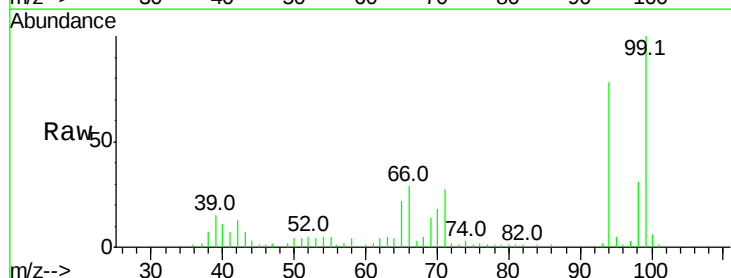
Tgt Ion: 94 Resp: 28072

Ion Ratio Lower Upper

94 100

65 27.8 9.9 49.9

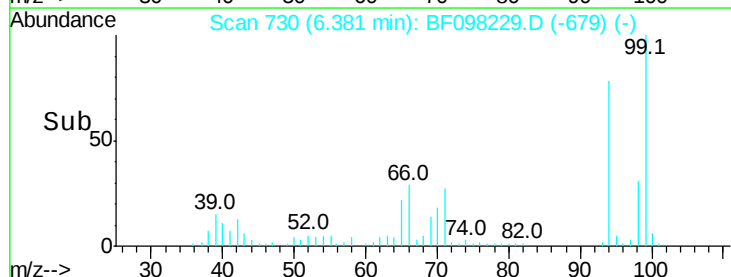
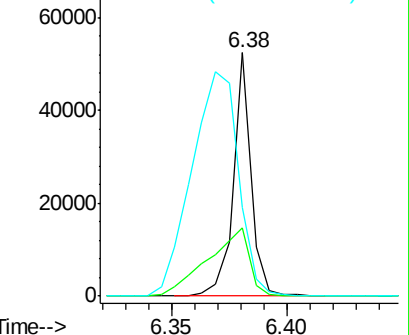
66 36.5 23.1 63.1

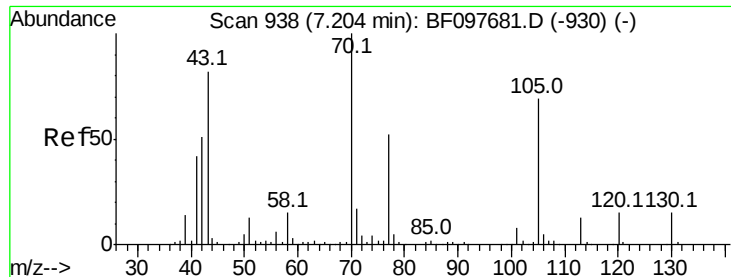


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#19

n-Nitroso-di-n-propylamine

Concen: 15.041 ng

RT: 7.29 min Scan# 884

Delta R.T. 0.14 min

Lab File: BF098229.D

Acq: 1 Sep 2017 16:23

Instrument :

BNA_F

ClientSampleId :

TEC-COMP-6-9

Tot Ion: 70 Resp: 110654

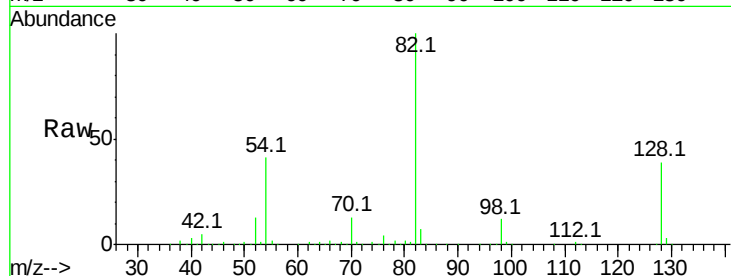
Ion Ratio Lower Upper

70 100

42 39.4 47.2 70.8#

101 0.0 7.2 10.8#

130 1.9 15.9 23.9#

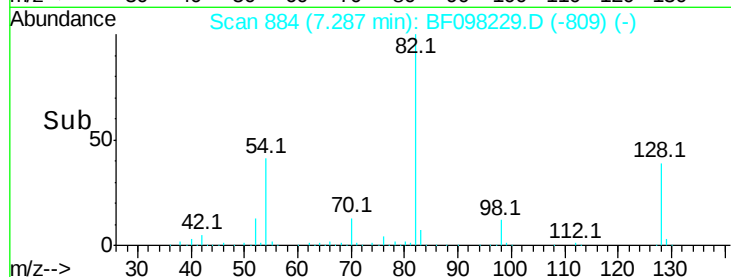


Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

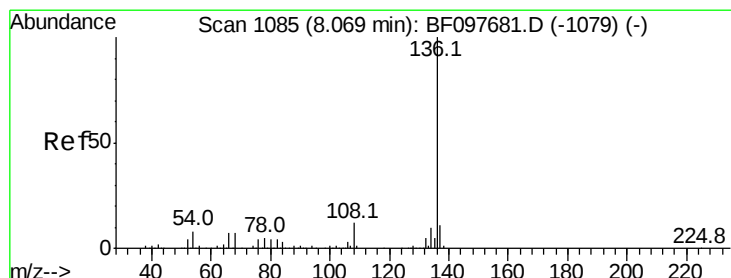
Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E



Time-->

7.29



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.00 min Scan# 1006

Delta R.T. 0.00 min

Lab File: BF098229.D

Acq: 1 Sep 2017 16:23

Tgt Ion:136 Resp: 457951

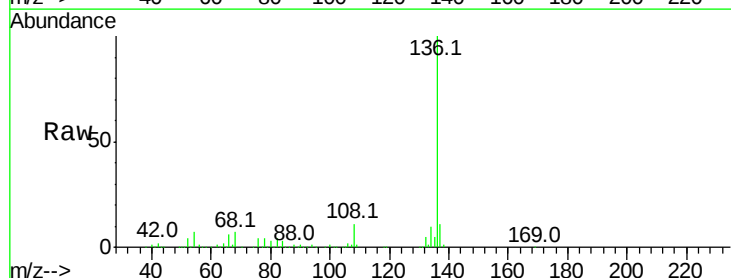
Ion Ratio Lower Upper

136 100

137 11.1 8.5 12.7

54 7.2 4.9 7.3

68 7.1 4.1 6.1#

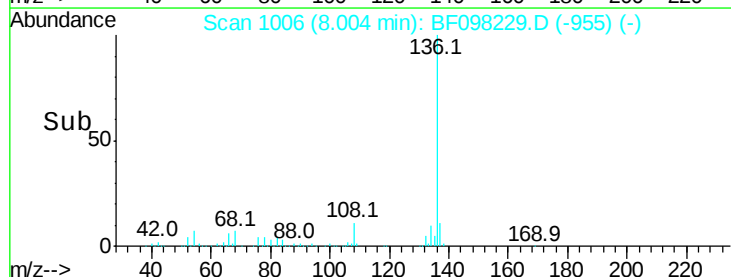


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

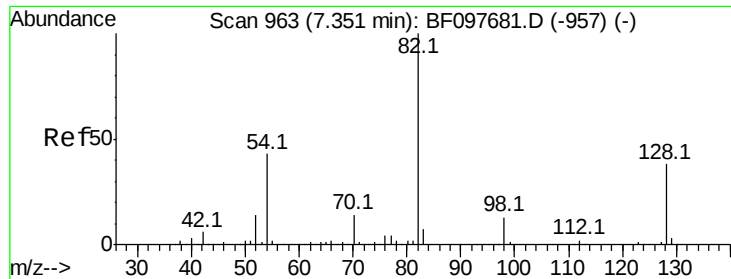
Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time-->

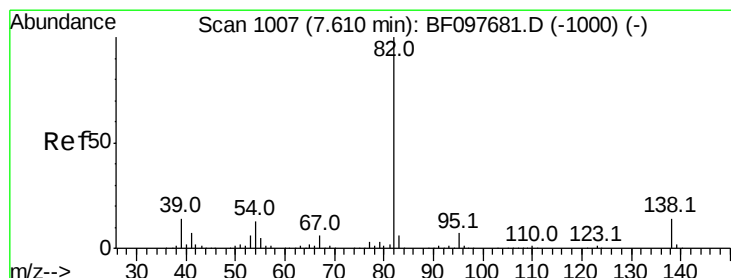
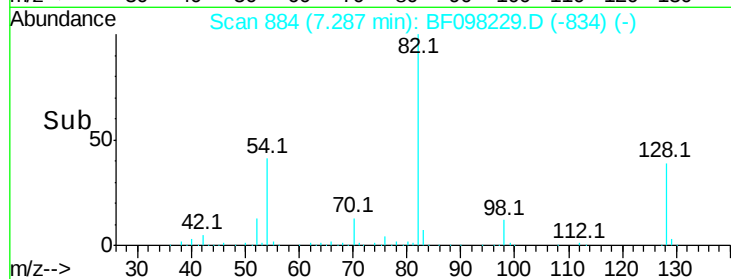
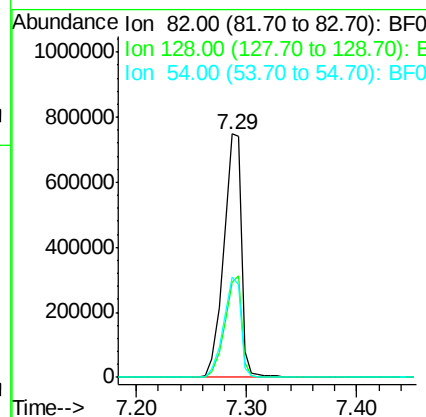
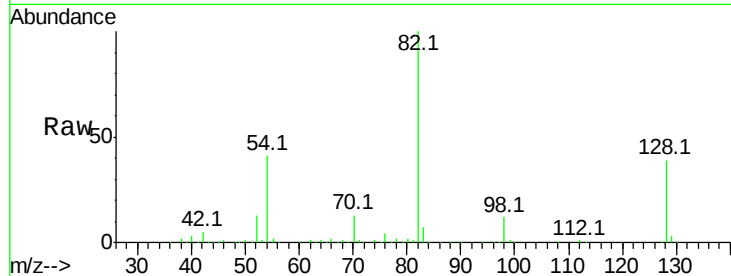
8.00



#23
Nitrobenzene-d5
Concen: 99.545 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.01 min
Lab File: BF098229.D
Acq: 1 Sep 2017 16:23

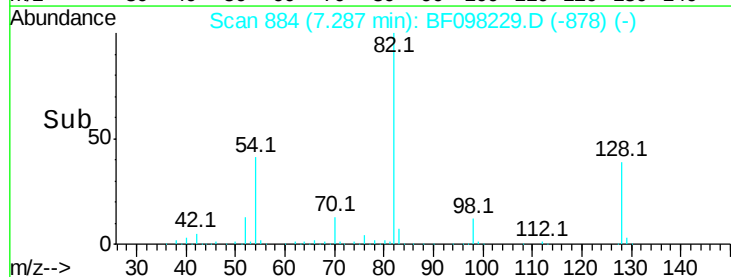
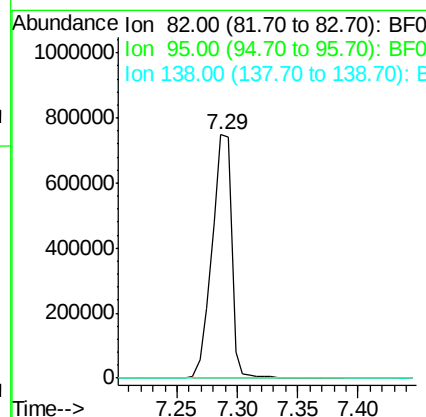
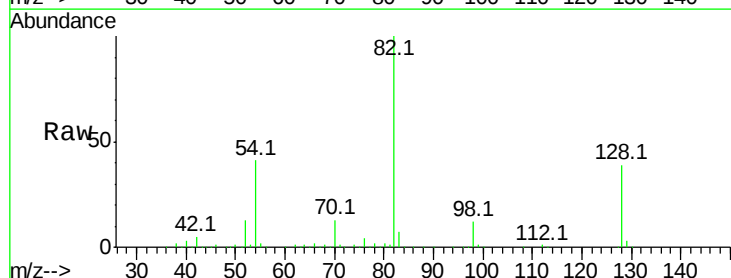
Instrument :
BNA_F
ClientSampleId :
TEC-COMP-6-9

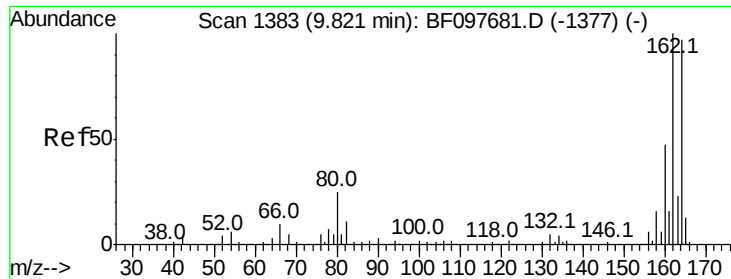
Tot Ion: 82 Resp: 839155
Ion Ratio Lower Upper
82 100
128 39.0 34.0 51.0
54 41.0 42.2 63.2#



#25
Isophorone
Concen: 47.325 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.26 min
Lab File: BF098229.D
Acq: 1 Sep 2017 16:23

Tgt Ion: 82 Resp: 829555
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: 9.75 min Scan# 1303

Delta R.T. -0.01 min

Lab File: BF098229.D

Acq: 1 Sep 2017 16:23

Instrument :

BNA_F

ClientSampleId :

TEC-COMP-6-9

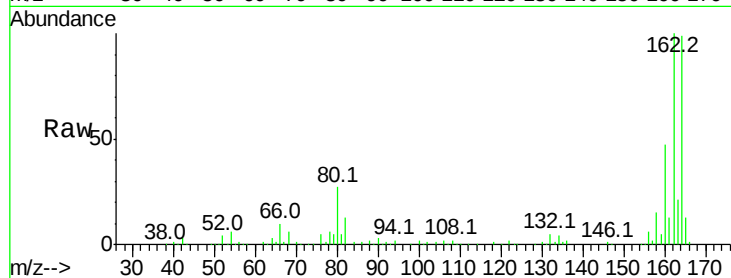
Tot Ion:164 Resp: 180820

Ion Ratio Lower Upper

164 100

162 100.5 82.6 123.8

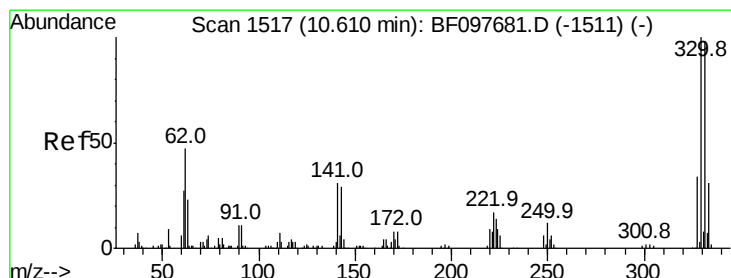
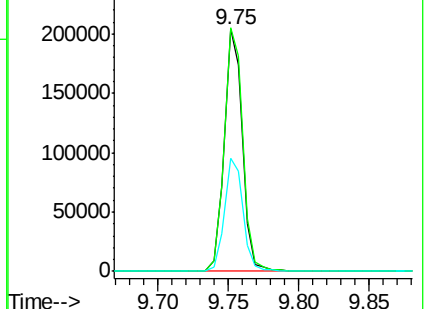
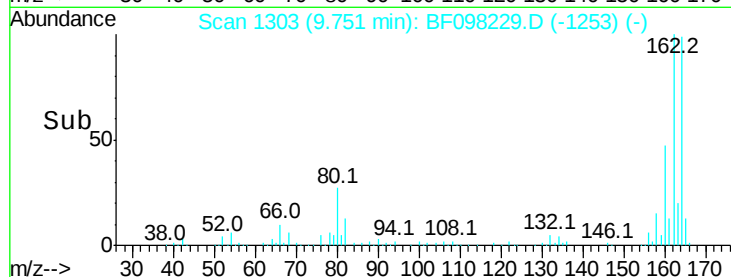
160 46.8 36.2 54.2



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: 117.879 ng

RT: 10.55 min Scan# 1438

Delta R.T. 0.00 min

Lab File: BF098229.D

Acq: 1 Sep 2017 16:23

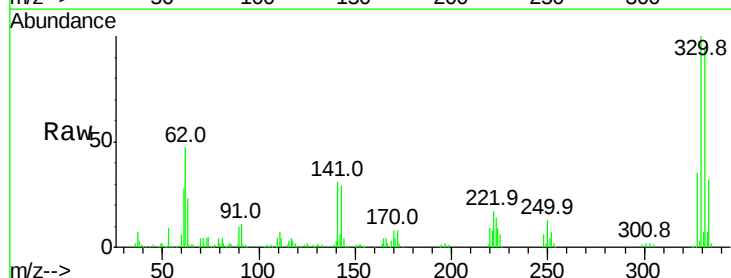
Tgt Ion:330 Resp: 184941

Ion Ratio Lower Upper

330 100

332 96.8 76.6 115.0

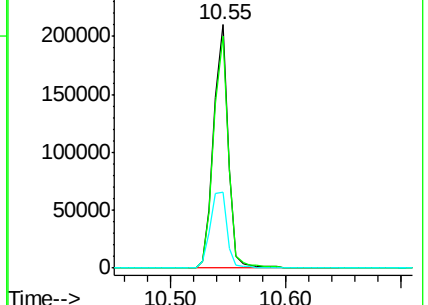
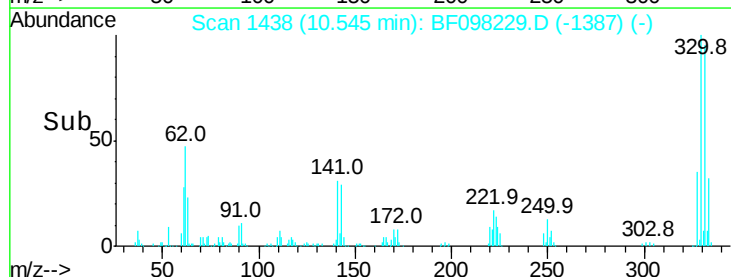
141 36.7 31.4 47.2

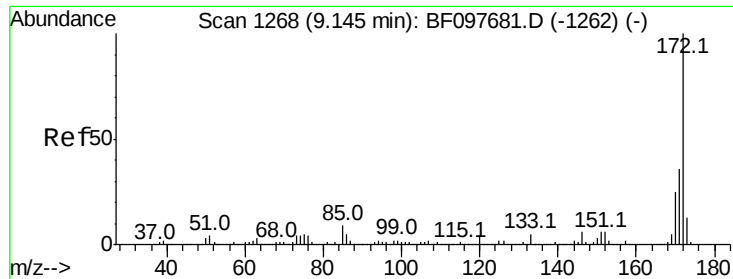


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

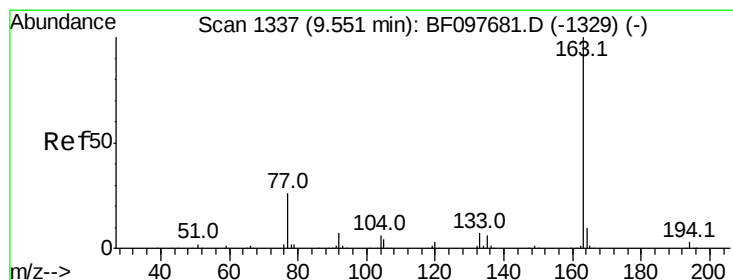
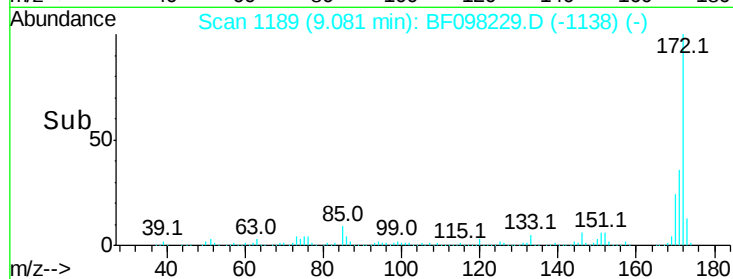
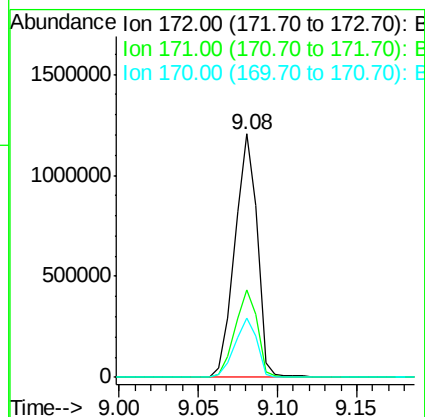
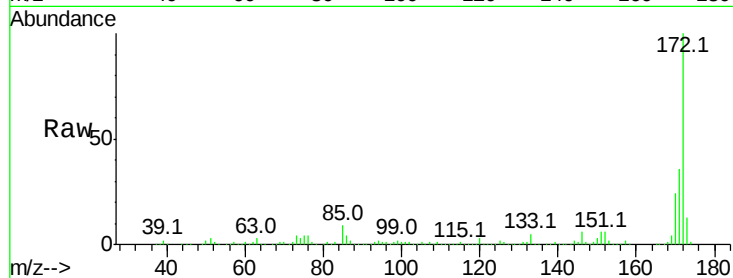




#44
2-Fluorobiphenyl
Concen: 95.956 ng
RT: 9.08 min Scan# 1189
Delta R.T. 0.00 min
Lab File: BF098229.D
Acq: 1 Sep 2017 16:23

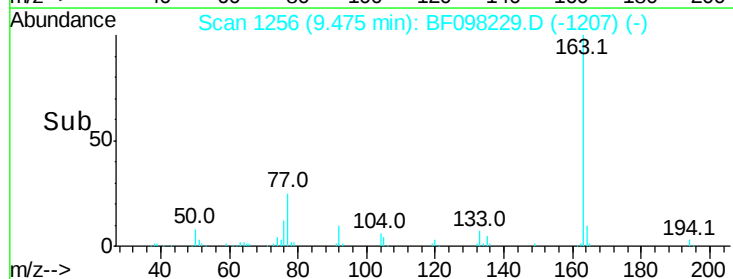
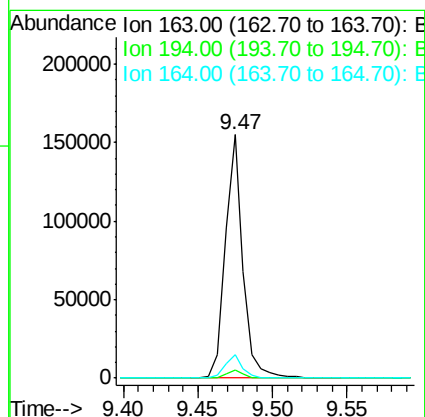
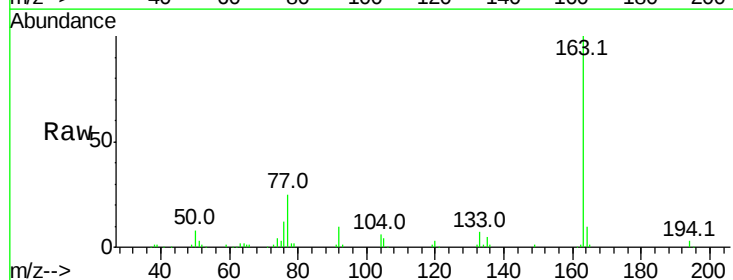
Instrument :
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TEC-COMP-6-9

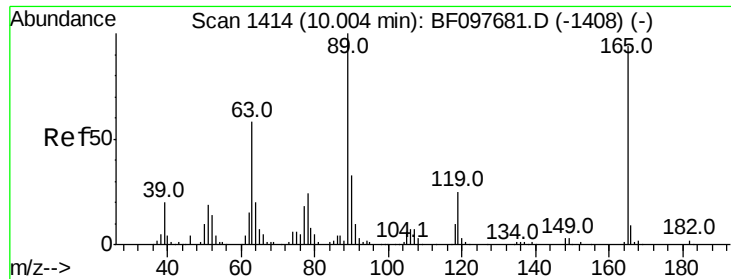
Tot Ion:172 Resp: 1180960
Ion Ratio Lower Upper
172 100
171 36.0 29.6 44.4
170 24.3 19.8 29.8



#49
Dimethylphthalate
Concen: 9.782 ng
RT: 9.47 min Scan# 1256
Delta R.T. -0.01 min
Lab File: BF098229.D
Acq: 1 Sep 2017 16:23

Tgt Ion:163 Resp: 129293
Ion Ratio Lower Upper
163 100
194 3.3 2.6 4.0
164 9.8 8.4 12.6

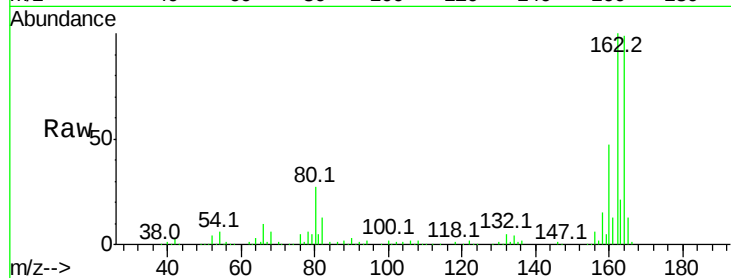




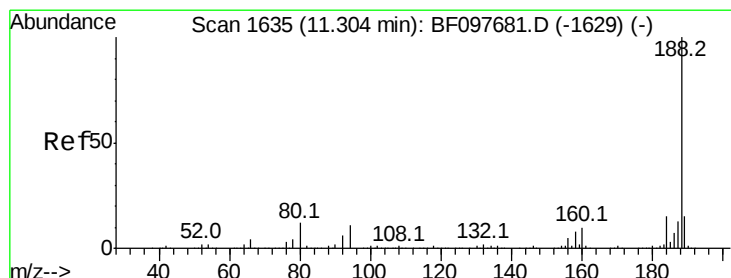
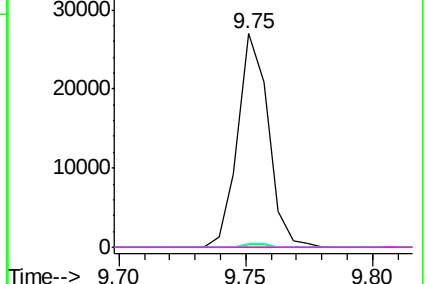
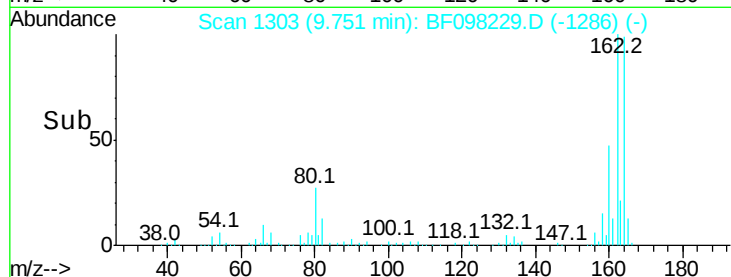
#56
2,4-Dinitrotoluene
Concen: 6.826 ng
RT: 9.75 min Scan# 1303
Delta R.T. -0.20 min
Lab File: BF098229.D
Acq: 1 Sep 2017 16:23

Instrument :
BNA_F
ClientSampleId :
TEC-COMP-6-9

Tot Ion:165 Resp: 22601
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#

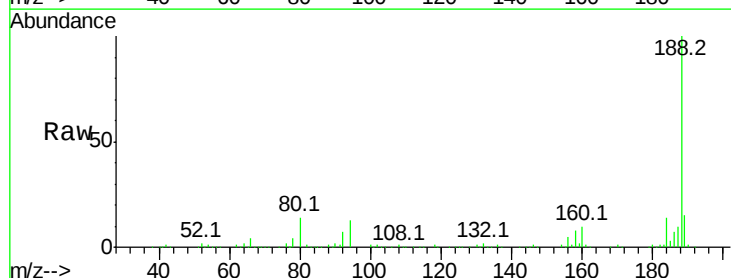


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0
Ion 182.00 (181.70 to 182.70): E

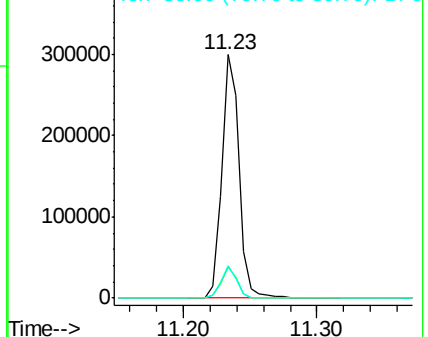
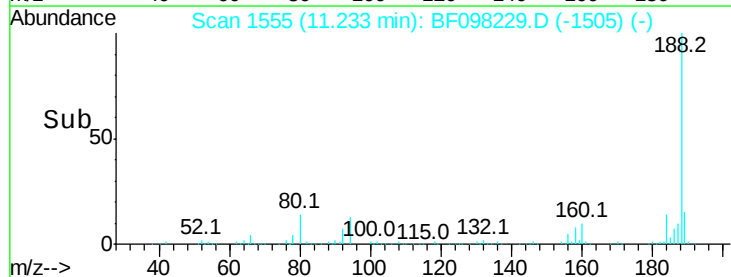


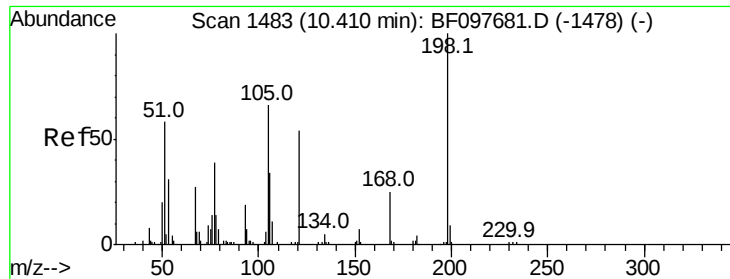
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.23 min Scan# 1555
Delta R.T. -0.01 min
Lab File: BF098229.D
Acq: 1 Sep 2017 16:23

Tgt Ion:188 Resp: 273414
Ion Ratio Lower Upper
188 100
94 12.7 9.4 14.2
80 13.5 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: 8.548 ng

RT: 10.55 min Scan# 1438

Delta R.T. 0.18 min

Lab File: BF098229.D

Acq: 1 Sep 2017 16:23

Instrument :

BNA_F

ClientSampleId :

TEC-COMP-6-9

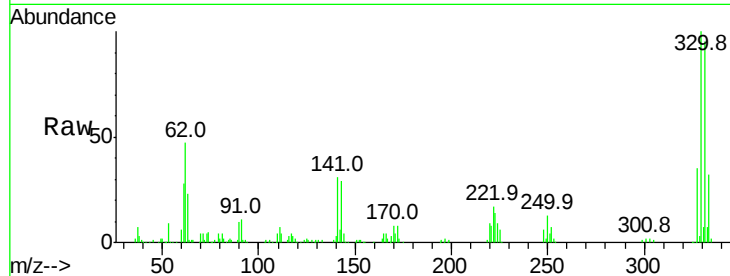
Tot Ion:198 Resp: 355

Ion Ratio Lower Upper

198 100

51 156.9 53.2 93.2#

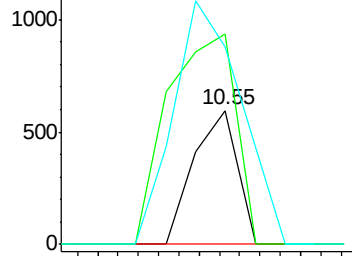
105 147.1 45.8 85.8#



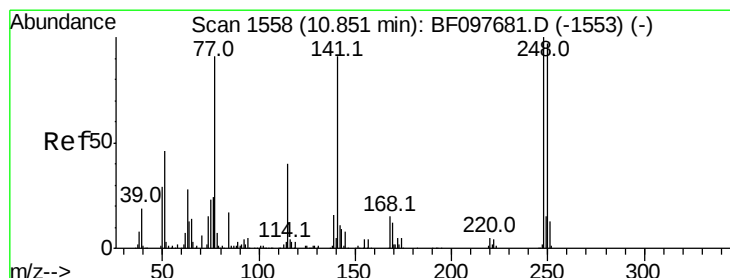
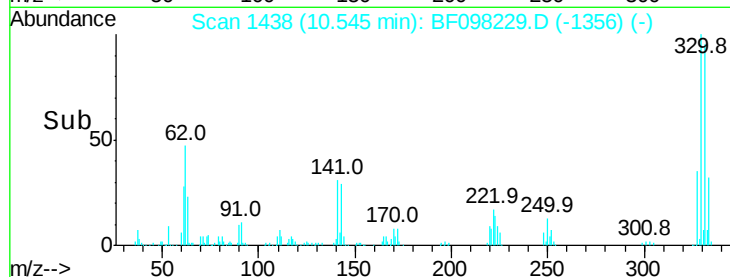
Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E



Time-->



#66

4-Bromophenyl-phenylether

Concen: 4.132 ng

RT: 10.55 min Scan# 1438

Delta R.T. -0.24 min

Lab File: BF098229.D

Acq: 1 Sep 2017 16:23

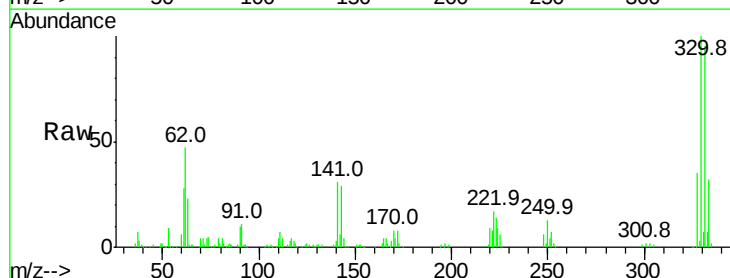
Tgt Ion:248 Resp: 11732

Ion Ratio Lower Upper

248 100

250 208.1 76.8 115.2#

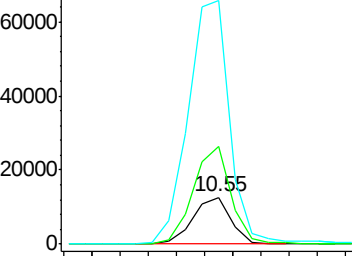
141 519.0 68.6 103.0#



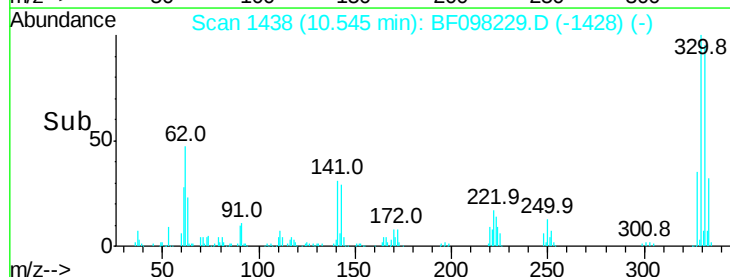
Abundance Ion 248.00 (247.70 to 248.70): E

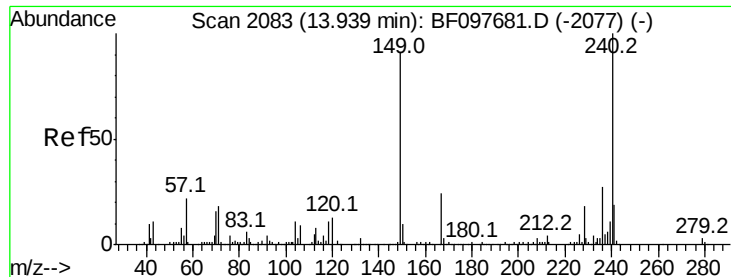
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



Time-->





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.87 min Scan# 2003

Delta R.T. -0.01 min

Lab File: BF098229.D

Acq: 1 Sep 2017 16:23

Instrument :

BNA_F

ClientSampleId :

TEC-COMP-6-9

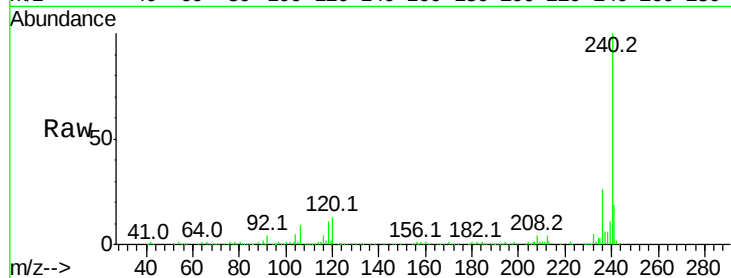
Tot Ion:240 Resp: 243961

Ion Ratio Lower Upper

240 100

120 12.9 5.8 8.8#

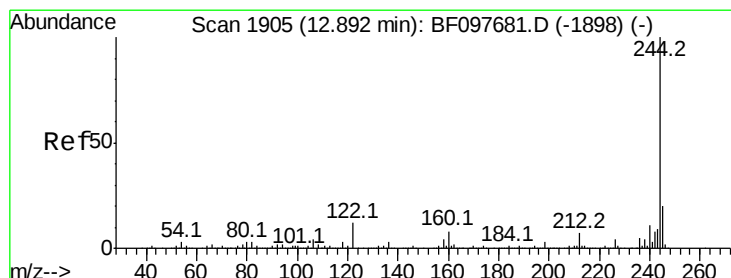
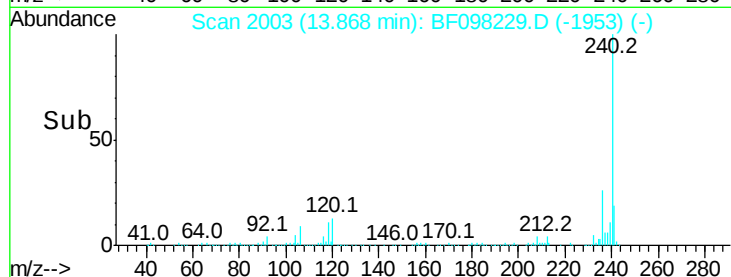
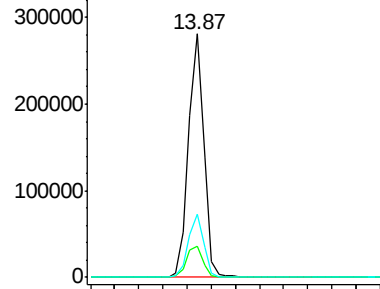
236 26.2 20.5 30.7



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: 62.636 ng

RT: 12.82 min Scan# 1825

Delta R.T. 0.00 min

Lab File: BF098229.D

Acq: 1 Sep 2017 16:23

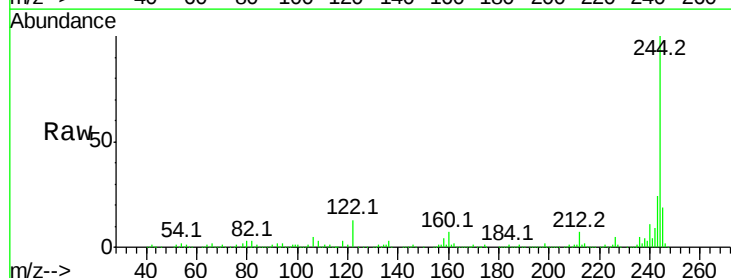
Tgt Ion:244 Resp: 732776

Ion Ratio Lower Upper

244 100

212 7.4 6.0 9.0

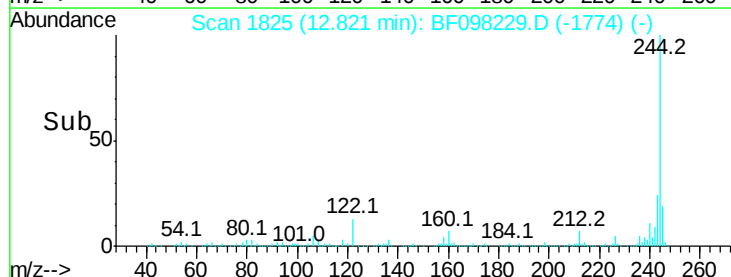
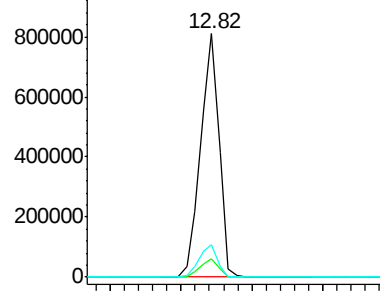
122 13.2 10.3 15.5

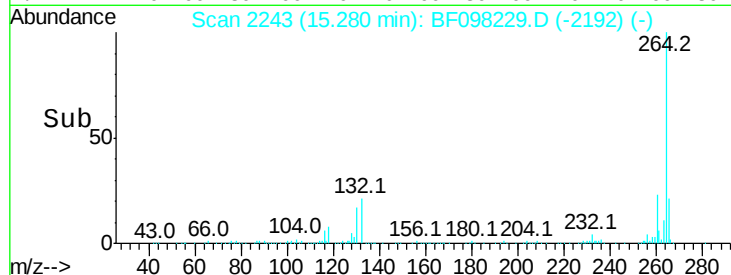
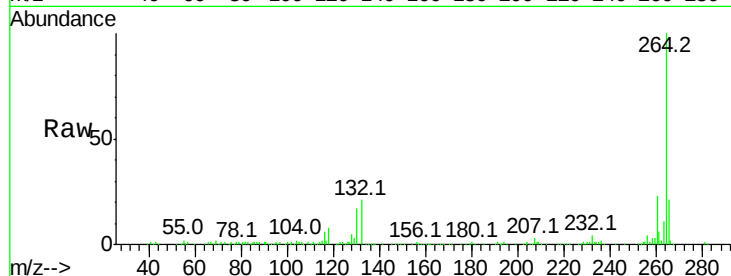
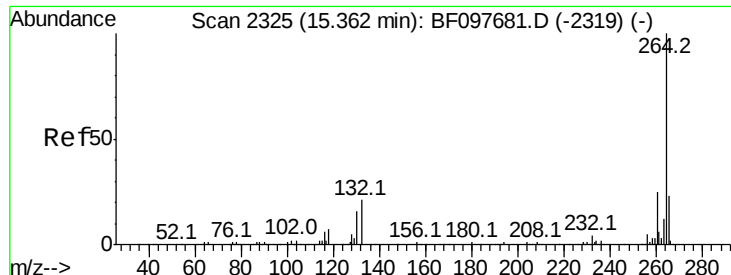


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.28 min Scan# 2243
 Delta R.T. 0.00 min
 Lab File: BF098229.D
 Acq: 1 Sep 2017 16:23

Instrument :
 BNA_F
 ClientSampleId :
 TEC-COMP-6-9

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.1	19.5	29.3
265	20.7	17.2	25.8

