

Data Path : Z:\HPCHEM1\BNA F\DATA\BF090117\
 Data File : BF098227.D
 Acq On : 1 Sep 2017 15:29
 Operator : SJ/JU
 Sample : I5025-05
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TEC-COMP-3-6

Quant Time: Sep 01 16:22:54 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 21 15:59:04 2017
 Response via : Initial Calibration

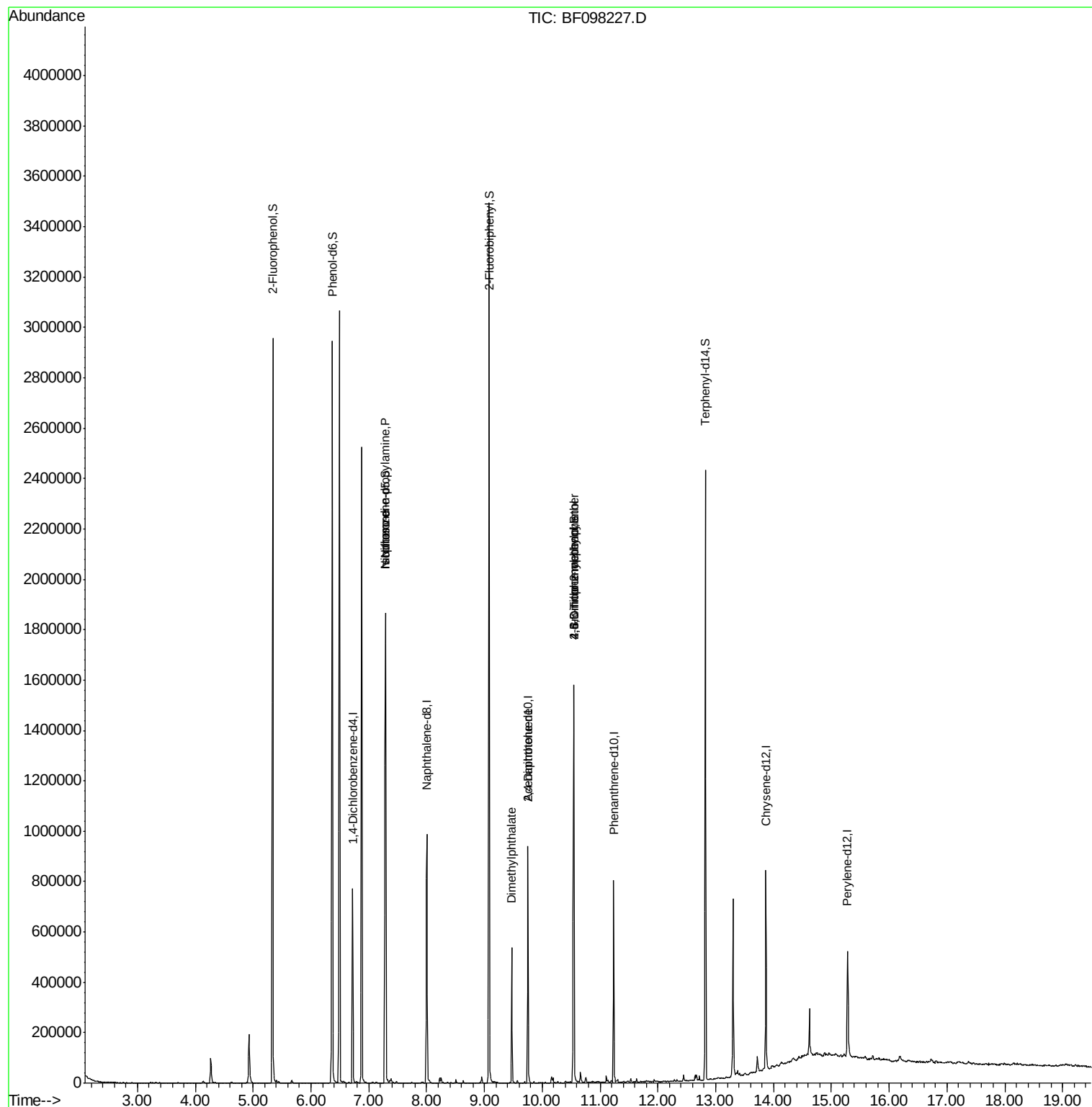
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	113842	20.00	ng	-0.03
21) Naphthalene-d8	8.00	136	443184	20.00	ng	-0.03
38) Acenaphthene-d10	9.75	164	181609	20.00	ng	-0.04
63) Phenanthrene-d10	11.23	188	282508	20.00	ng	-0.03
75) Chrysene-d12	13.87	240	242346	20.00	ng	-0.03
86) Perylene-d12	15.28	264	189287	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.34	112	968617	129.42	ng	-0.01
7) Phenol-d6	6.37	99	1326115	130.41	ng	-0.02
23) Nitrobenzene-d5	7.29	82	810064	99.30	ng	-0.04
41) 2,4,6-Tribromophenol	10.55	330	190318	120.78	ng	-0.03
44) 2-Fluorobiphenyl	9.08	172	1140793	92.29	ng	-0.03
78) Terphenyl-d14	12.82	244	714749	61.50	ng	-0.03
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.29	70	106965	15.366	ng	# 71
25) Isophorone	7.29	82	800395	47.183	ng	# 67
49) Dimethylphthalate	9.47	163	194668	14.664	ng	# 99
56) 2,4-Dinitrotoluene	9.75	165	22893	6.884	ng	# 33
64) 4,6-Dinitro-2-methylphenol	10.55	198	389	8.562	ng	# 9
66) 4-Bromophenyl-phenylether	10.55	248	12434	4.238	ng	# 1

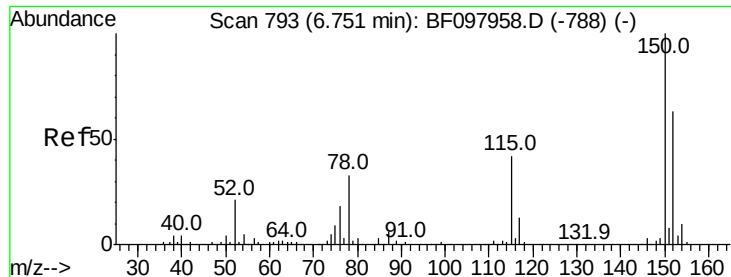
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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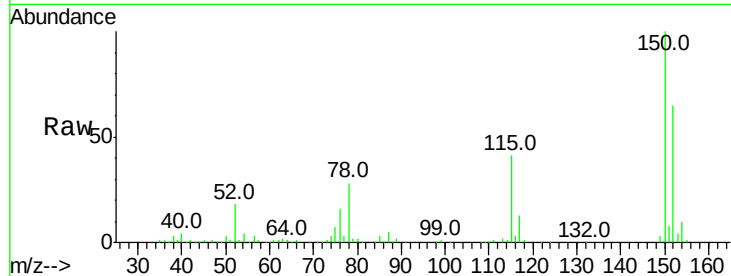


#1

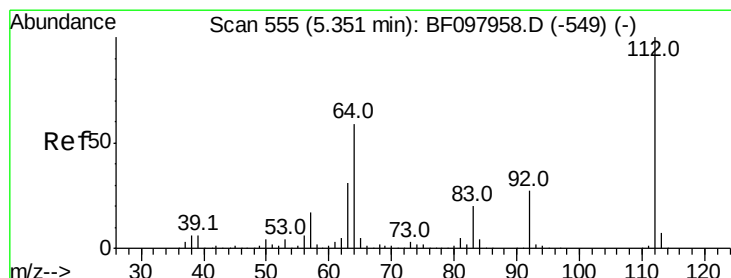
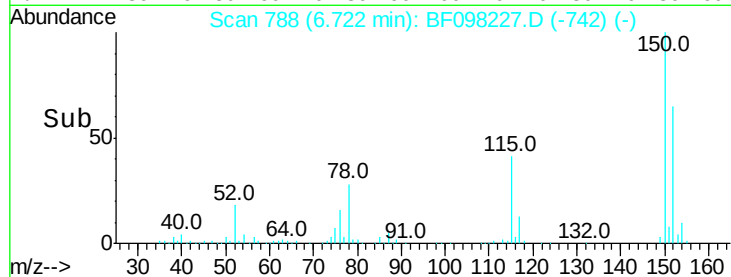
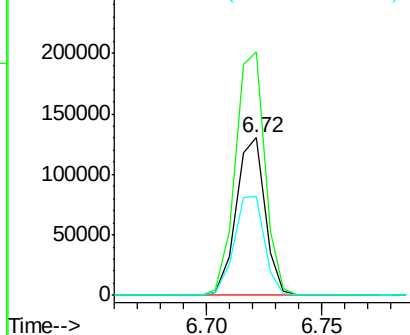
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 788
Delta R.T. -0.03 min
Lab File: BF098227.D
Acq: 1 Sep 2017 15:29

Instrument :
BNA_F
ClientSampleId :
TEC-COMP-3-6

Tot Ion:152 Resp: 113842
Ion Ratio Lower Upper
152 100
150 154.6 126.2 189.2
115 63.0 52.2 78.2



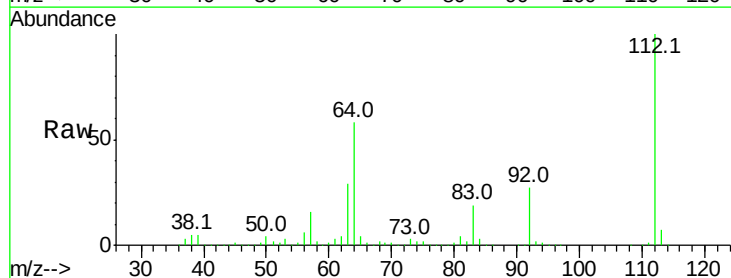
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



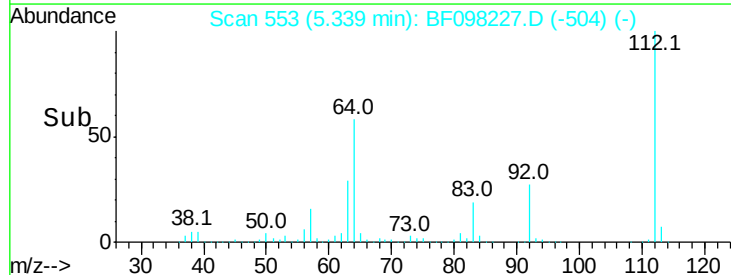
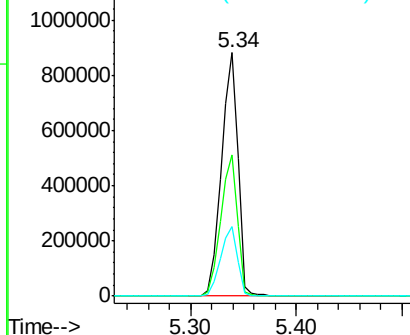
#5

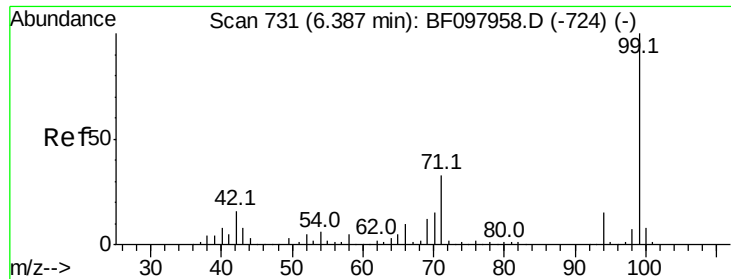
2-Fluorophenol
Concen: 129.420 ng
RT: 5.34 min Scan# 553
Delta R.T. -0.01 min
Lab File: BF098227.D
Acq: 1 Sep 2017 15:29

Tgt Ion:112 Resp: 968617
Ion Ratio Lower Upper
112 100
64 57.9 46.0 69.0
63 28.6 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: 130.407 ng

RT: 6.37 min Scan# 728

Delta R.T. -0.02 min

Lab File: BF098227.D

Acq: 1 Sep 2017 15:29

Instrument :

BNA_F

ClientSampleId :

TEC-COMP-3-6

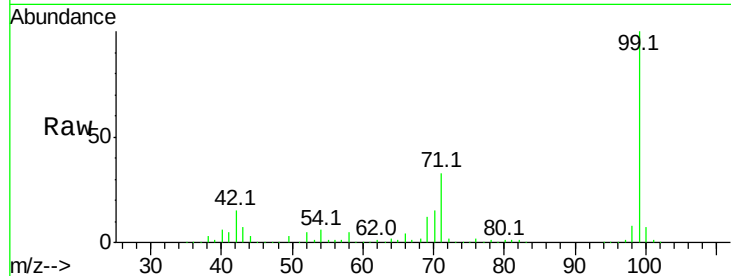
Tot Ion: 99 Resp: 1326115

Ion Ratio Lower Upper

99 100

42 15.0 13.5 20.3

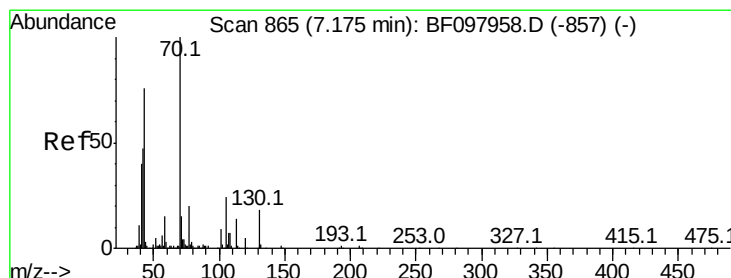
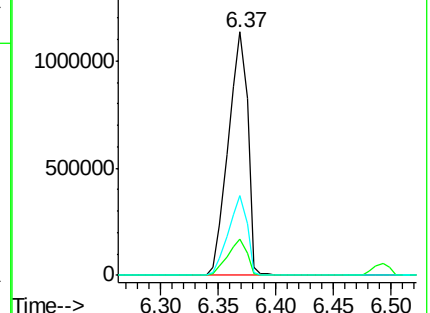
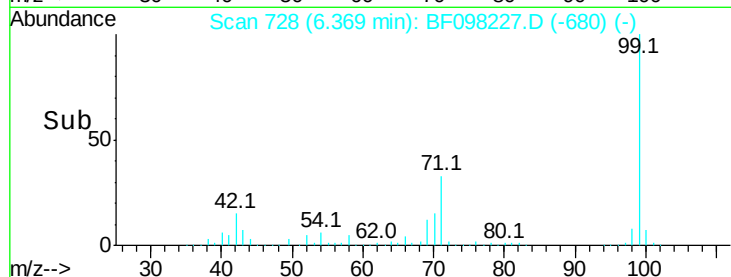
71 32.5 24.5 36.7



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: 15.366 ng

RT: 7.29 min Scan# 884

Delta R.T. 0.11 min

Lab File: BF098227.D

Acq: 1 Sep 2017 15:29

Tgt Ion: 70 Resp: 106965

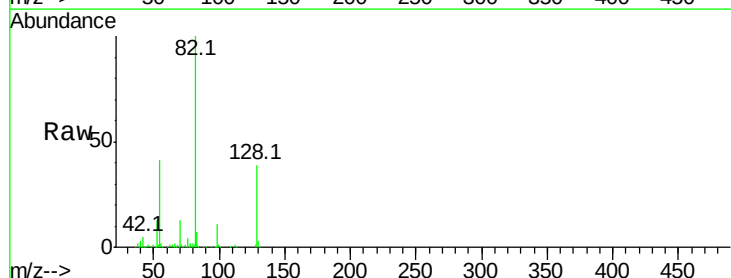
Ion Ratio Lower Upper

70 100

42 39.0 47.2 70.8#

101 0.0 7.2 10.8#

130 1.9 15.9 23.9#

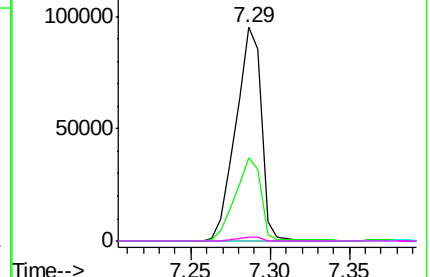
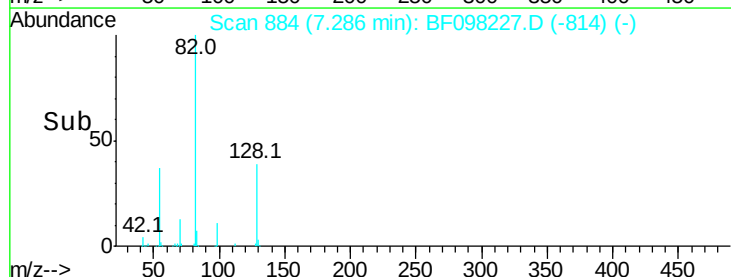


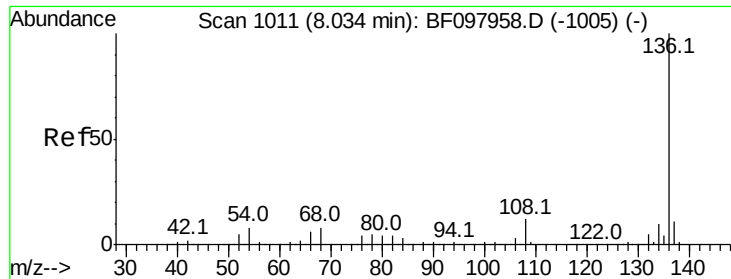
Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0

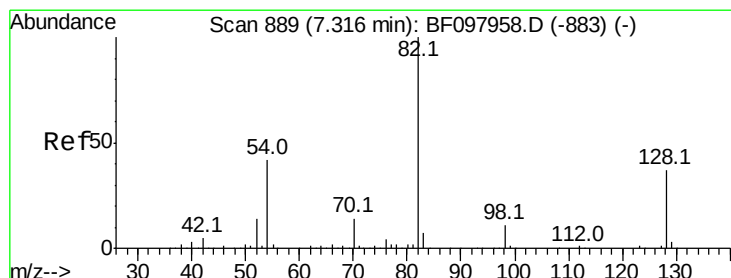
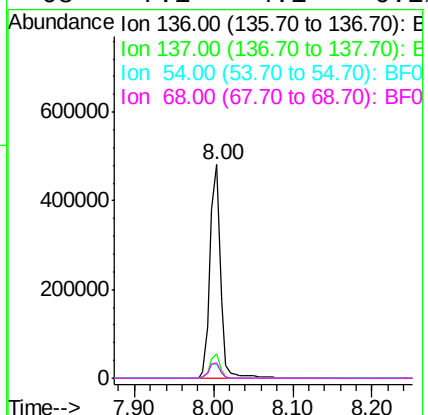
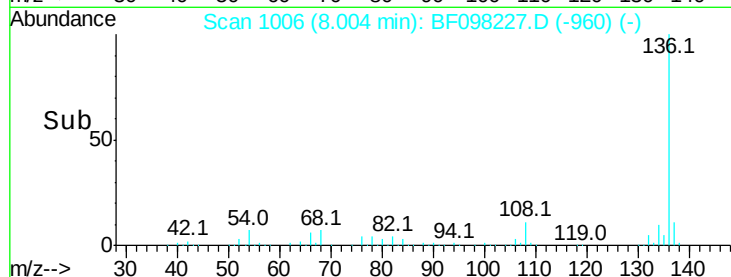
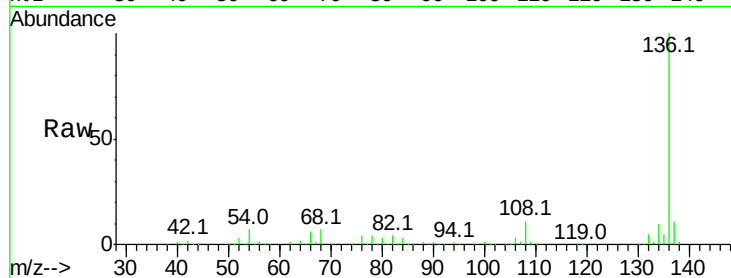




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.00 min Scan# 1006
Delta R.T. -0.03 min
Lab File: BF098227.D
Acq: 1 Sep 2017 15:29

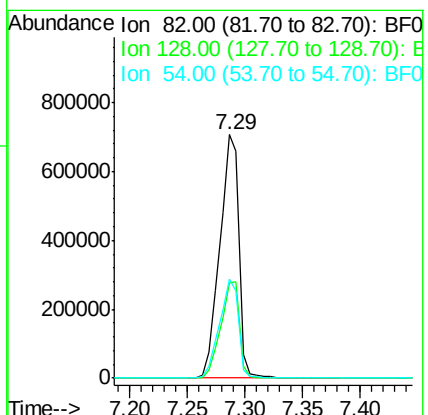
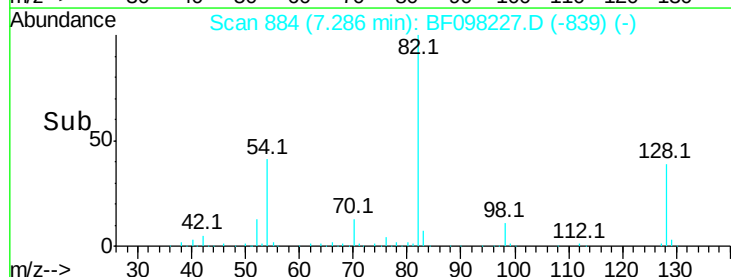
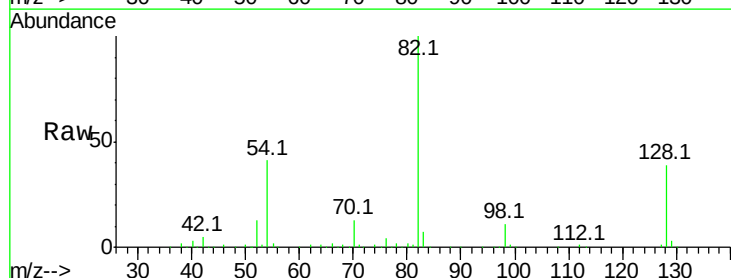
Instrument :
BNA_F
ClientSampleId :
TEC-COMP-3-6

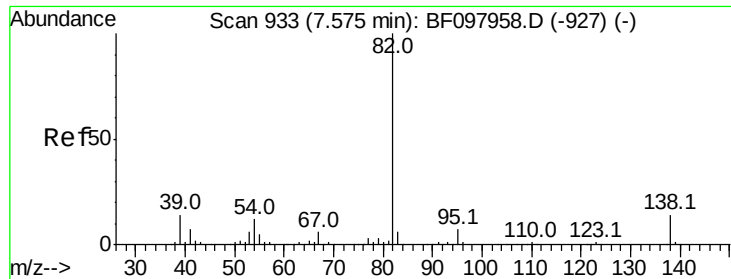
Tot Ion:	136	Resp:	443184
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.5	12.7
54	6.9	4.9	7.3
68	7.1	4.1	6.1#



#23
Nitrobenzene-d5
Concen: 99.296 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.04 min
Lab File: BF098227.D
Acq: 1 Sep 2017 15:29

Tgt Ion:	82	Resp:	810064
Ion	Ratio	Lower	Upper
82	100		
128	38.9	34.0	51.0
54	40.9	42.2	63.2#





#25

Isophorone

Concen: 47.183 ng

RT: 7.29 min Scan# 884

Delta R.T. -0.29 min

Lab File: BF098227.D

Acq: 1 Sep 2017 15:29

Instrument :

BNA_F

ClientSampleId :

TEC-COMP-3-6

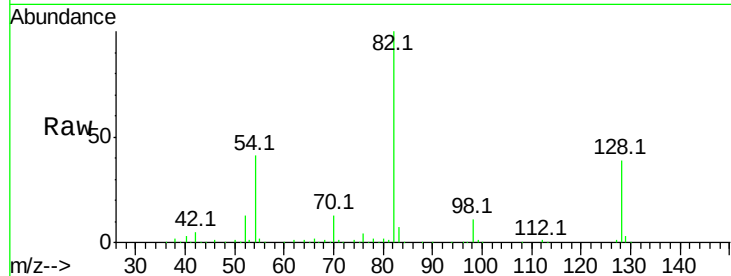
Tot Ion: 82 Resp: 800395

Ion Ratio Lower Upper

82 100

95 0.0 5.3 7.9#

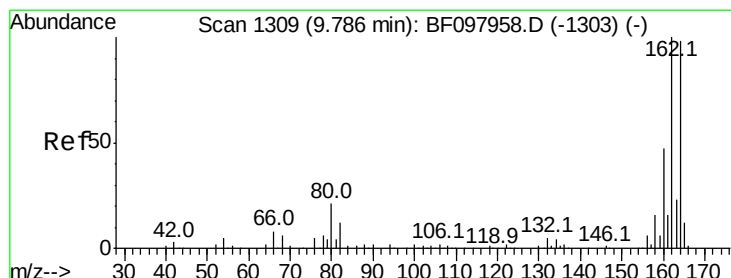
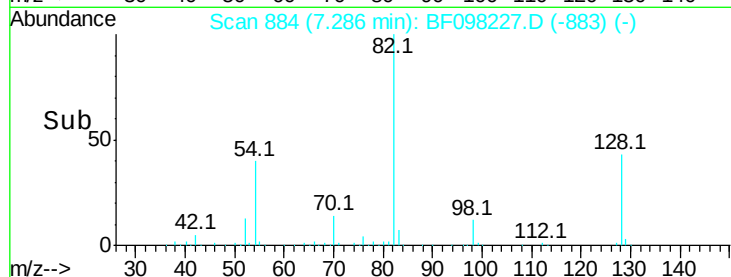
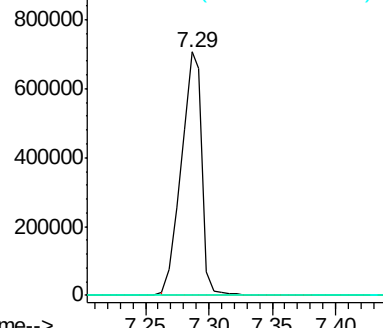
138 0.0 13.1 19.7#



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: 20.000 ng

RT: 9.75 min Scan# 1303

Delta R.T. -0.04 min

Lab File: BF098227.D

Acq: 1 Sep 2017 15:29

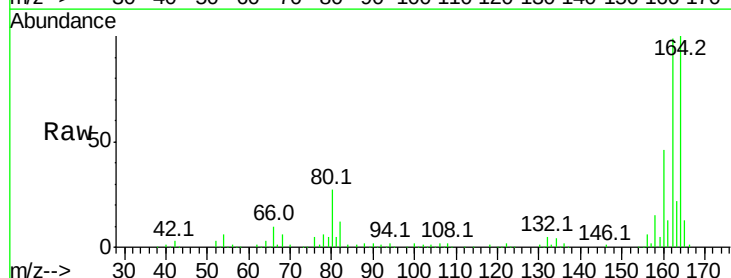
Tgt Ion:164 Resp: 181609

Ion Ratio Lower Upper

164 100

162 99.5 82.6 123.8

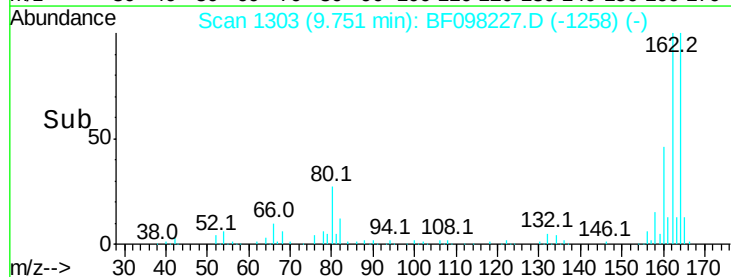
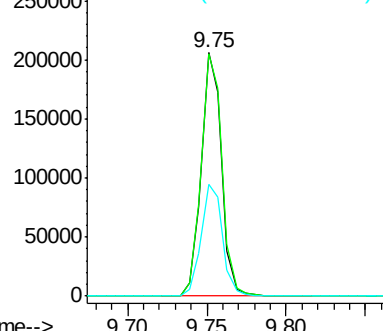
160 45.7 36.2 54.2

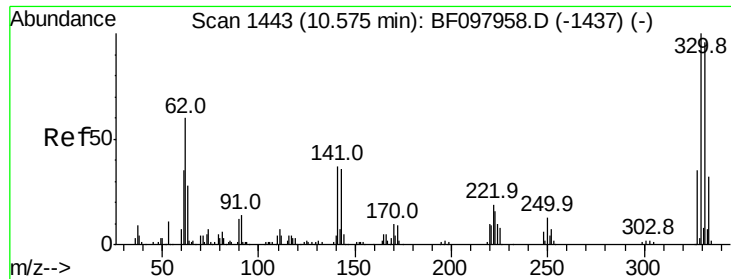


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

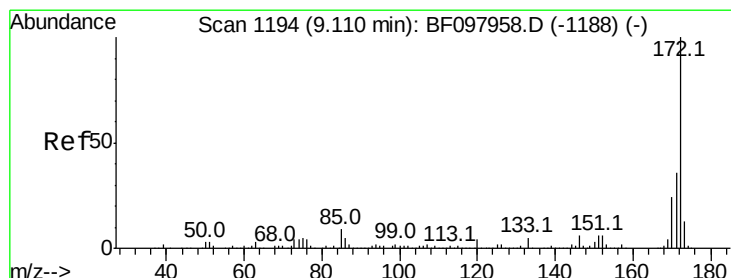
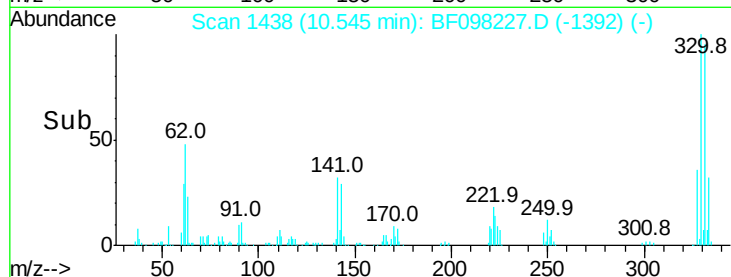
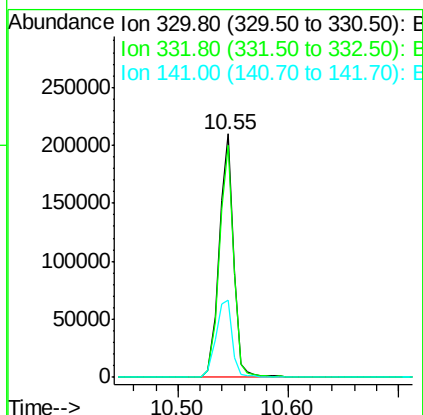
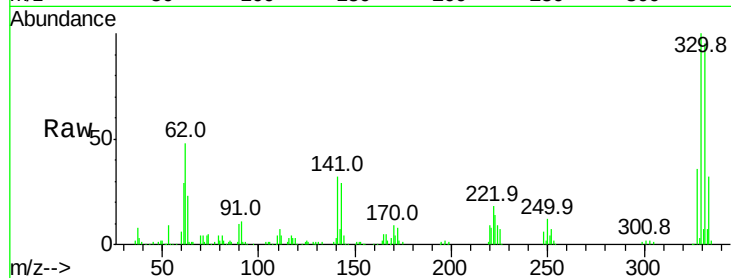




#41
 2,4,6-Tribromophenol
 Concen: 120.779 ng
 RT: 10.55 min Scan# 1438
 Delta R.T. -0.03 min
 Lab File: BF098227.D
 Acq: 1 Sep 2017 15:29

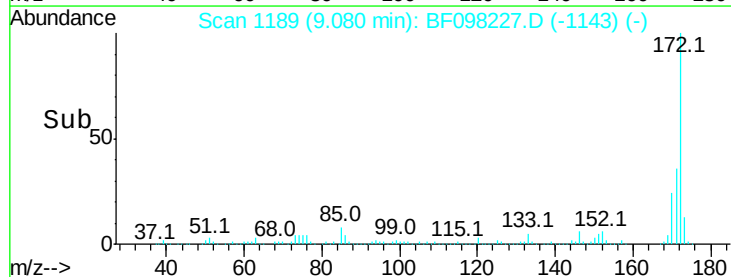
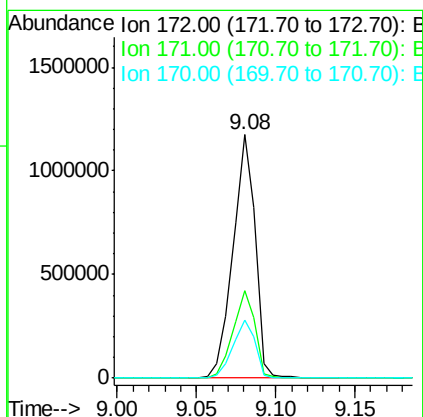
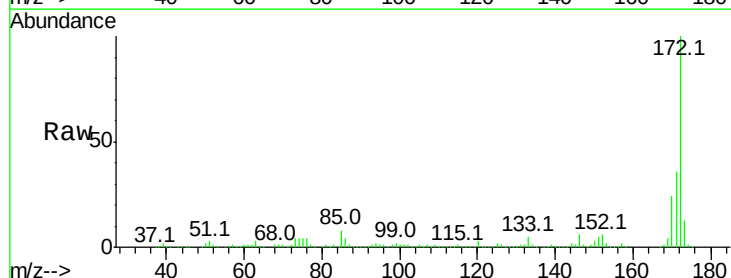
Instrument :
 BNA_F
 ClientSampleId :
 TEC-COMP-3-6

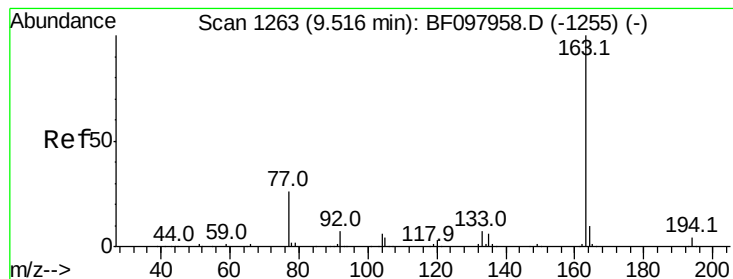
Tot Ion:330 Resp: 190318
 Ion Ratio Lower Upper
 330 100
 332 95.5 76.6 115.0
 141 36.1 31.4 47.2



#44
 2-Fluorobiphenyl
 Concen: 92.289 ng
 RT: 9.08 min Scan# 1189
 Delta R.T. -0.03 min
 Lab File: BF098227.D
 Acq: 1 Sep 2017 15:29

Tgt Ion:172 Resp: 1140793
 Ion Ratio Lower Upper
 172 100
 171 35.9 29.6 44.4
 170 24.1 19.8 29.8





#49

Dimethylphthalate

Concen: 14.664 ng

RT: 9.47 min Scan# 1256

Delta R.T. -0.04 min

Lab File: BF098227.D

Acq: 1 Sep 2017 15:29

Instrument :

BNA_F

ClientSampleId :

TEC-COMP-3-6

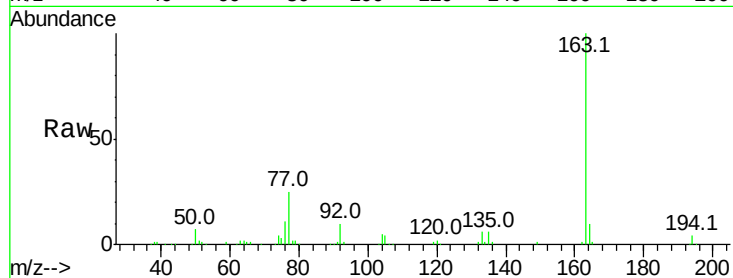
Tot Ion:163 Resp: 194668

Ion Ratio Lower Upper

163 100

194 3.6 2.6 4.0

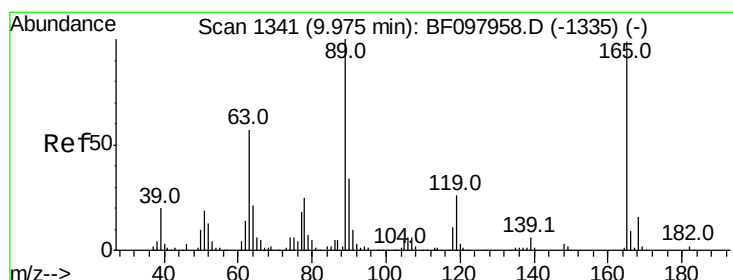
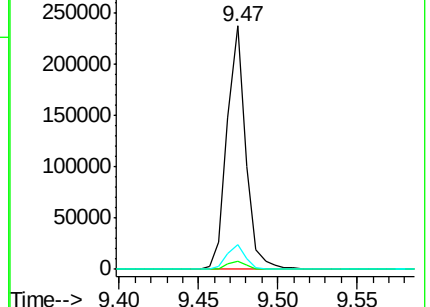
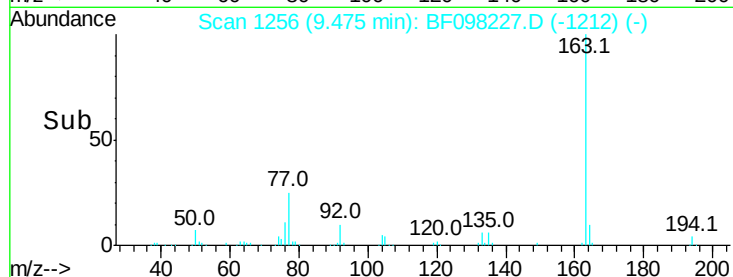
164 10.3 8.4 12.6



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: 6.884 ng

RT: 9.75 min Scan# 1303

Delta R.T. -0.22 min

Lab File: BF098227.D

Acq: 1 Sep 2017 15:29

Tgt Ion:165 Resp: 22893

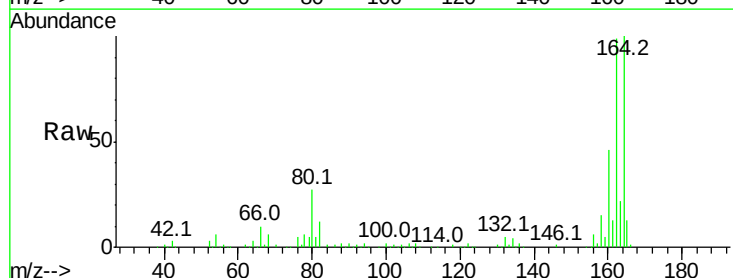
Ion Ratio Lower Upper

165 100

63 1.2 25.4 38.0#

89 1.8 46.4 69.6#

182 0.0 1.8 2.6#

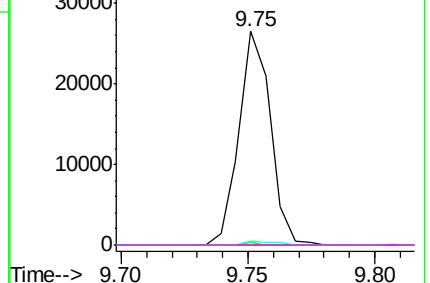
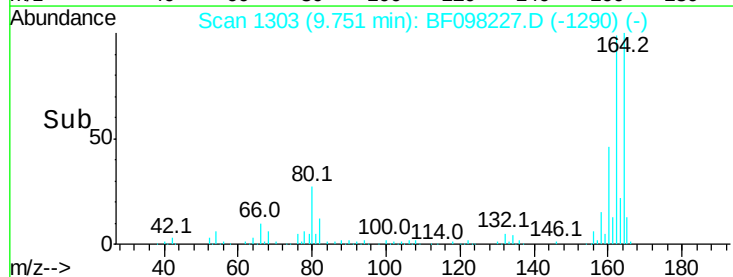


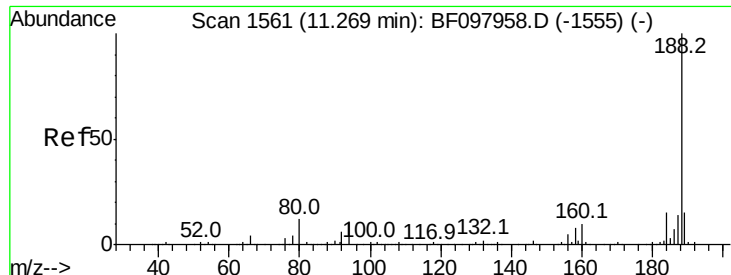
Abundance Ion 165.00 (164.70 to 165.70): E

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

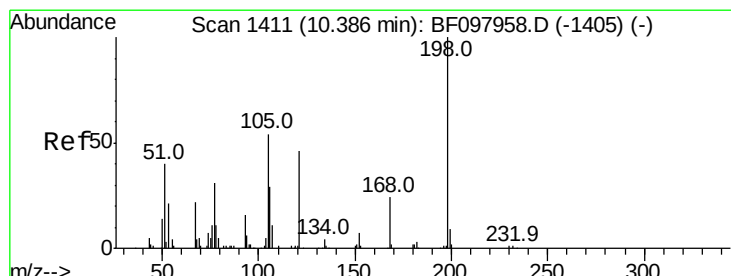
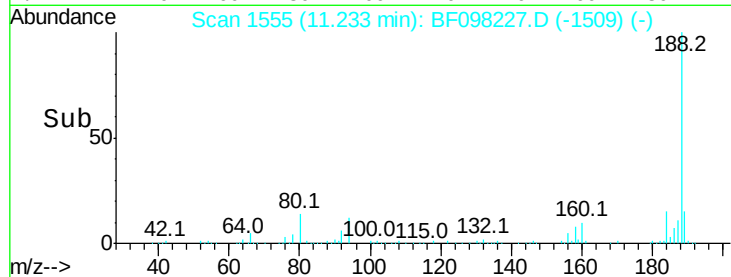
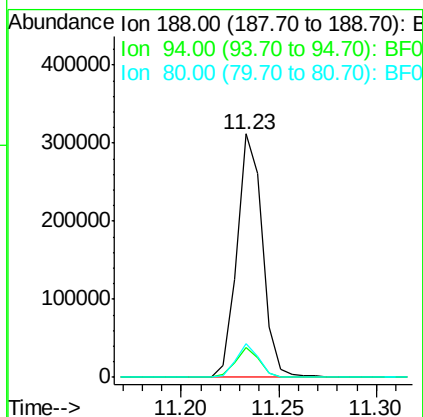
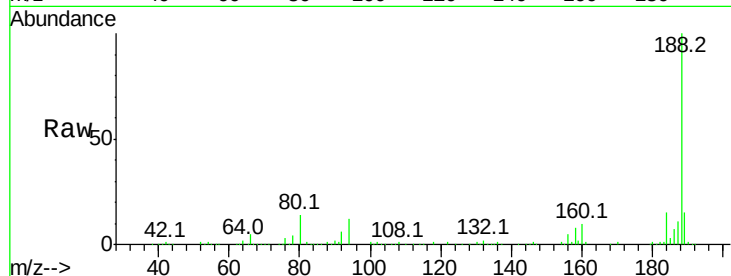




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.23 min Scan# 1555
 Delta R.T. -0.03 min
 Lab File: BF098227.D
 Acq: 1 Sep 2017 15:29

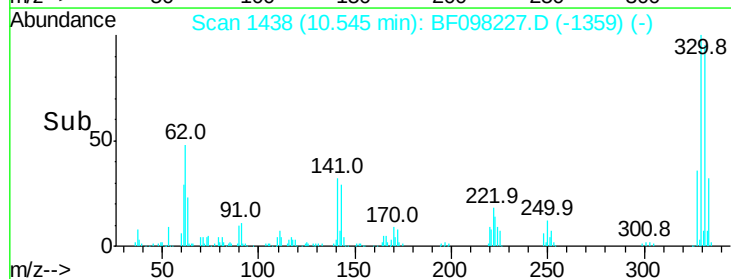
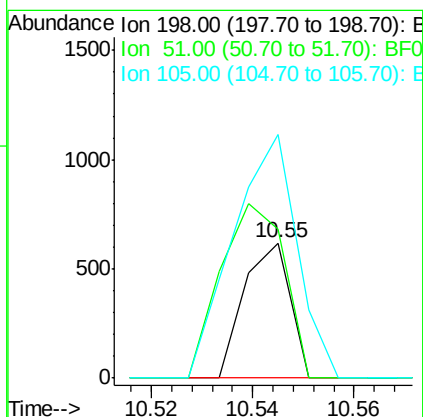
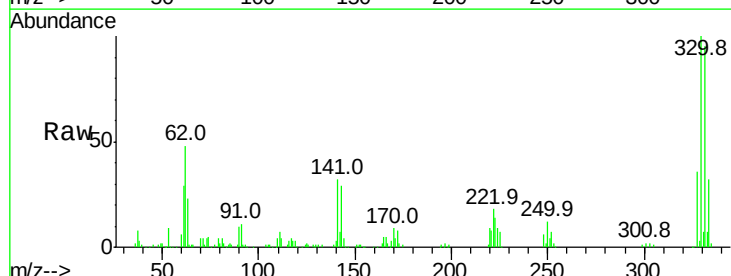
Instrument :
 BNA_F
 ClientSampleId :
 TEC-COMP-3-6

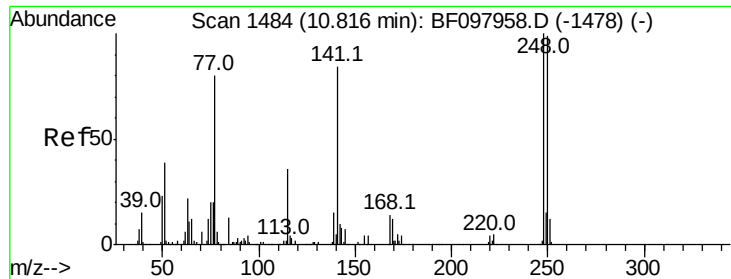
Tot Ion:188 Resp: 282508
 Ion Ratio Lower Upper
 188 100
 94 12.4 9.4 14.2
 80 13.7 10.2 15.2



#64
 4,6-Dinitro-2-methylphenol
 Concen: 8.562 ng
 RT: 10.55 min Scan# 1438
 Delta R.T. 0.16 min
 Lab File: BF098227.D
 Acq: 1 Sep 2017 15:29

Tgt Ion:198 Resp: 389
 Ion Ratio Lower Upper
 198 100
 51 110.0 53.2 93.2#
 105 180.0 45.8 85.8#

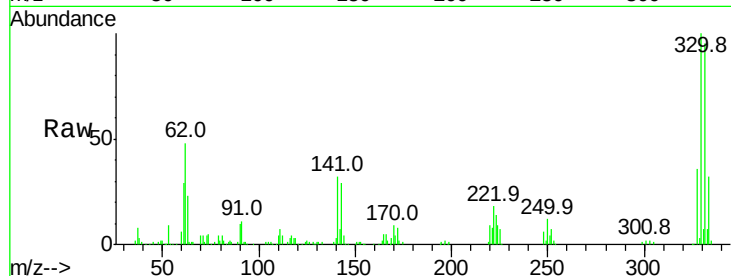




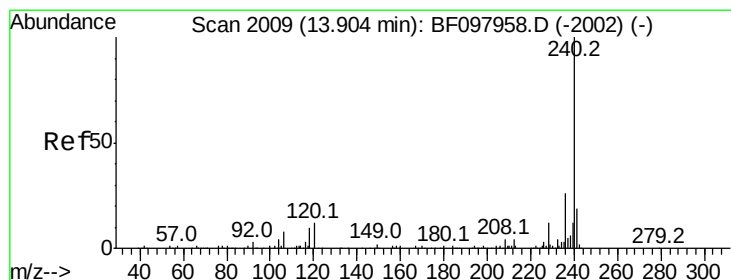
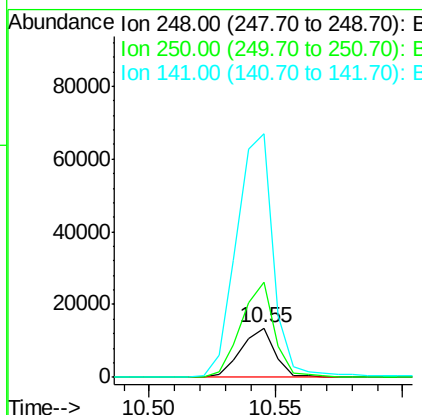
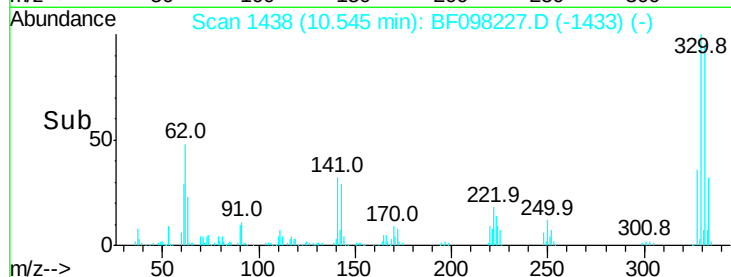
#66
 4-Bromophenyl-phenylether
 Concen: 4.238 ng
 RT: 10.55 min Scan# 1438
 Delta R.T. -0.27 min
 Lab File: BF098227.D
 Acq: 1 Sep 2017 15:29

Instrument :
 BNA_F
 ClientSampleId :
 TEC-COMP-3-6

Tot Ion:248 Resp: 12434
 Ion Ratio Lower Upper
 248 100
 250 194.6 76.8 115.2#
 141 496.7 68.6 103.0#

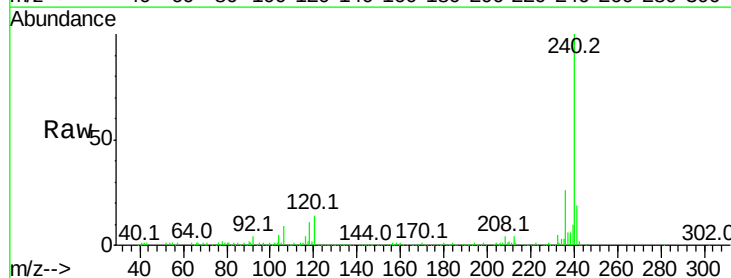


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

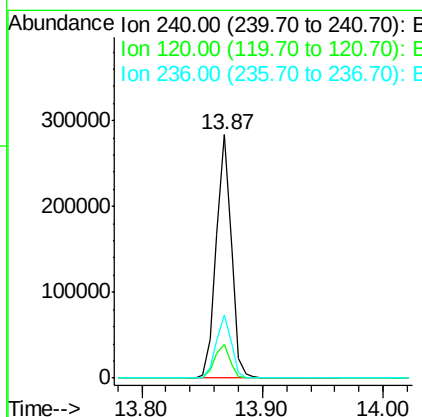
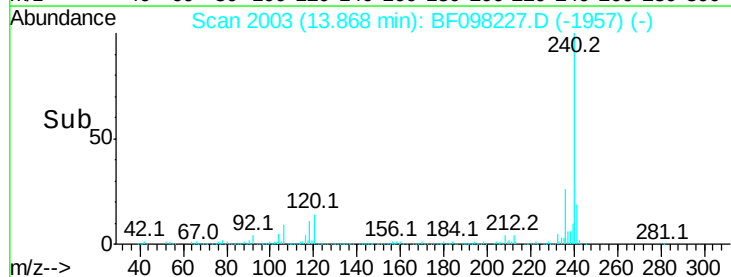


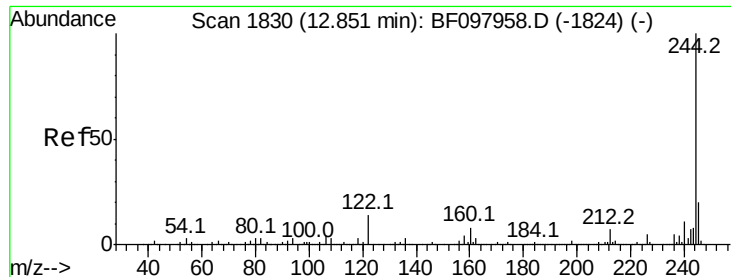
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.87 min Scan# 2003
 Delta R.T. -0.03 min
 Lab File: BF098227.D
 Acq: 1 Sep 2017 15:29

Tgt Ion:240 Resp: 242346
 Ion Ratio Lower Upper
 240 100
 120 13.8 5.8 8.8#
 236 26.1 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: 61.503 ng

RT: 12.82 min Scan# 1825

Delta R.T. -0.03 min

Lab File: BF098227.D

Acq: 1 Sep 2017 15:29

Instrument :

BNA_F

ClientSampleId :

TEC-COMP-3-6

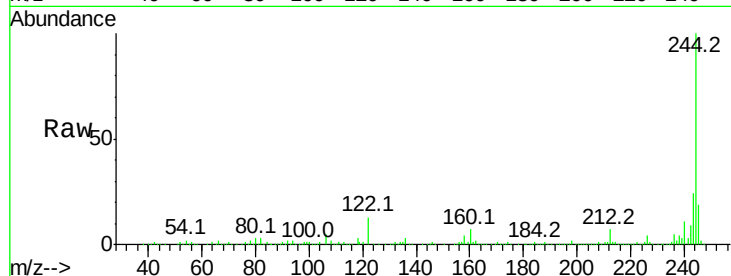
Tot Ion:244 Resp: 714749

Ion Ratio Lower Upper

244 100

212 7.3 6.0 9.0

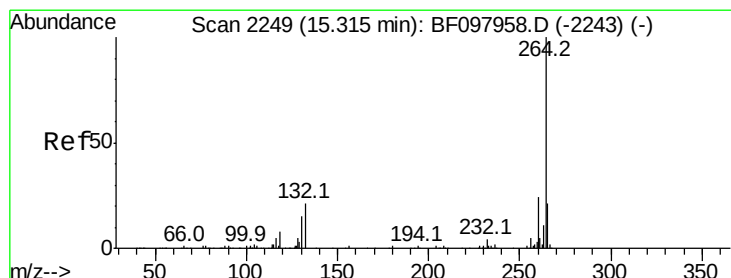
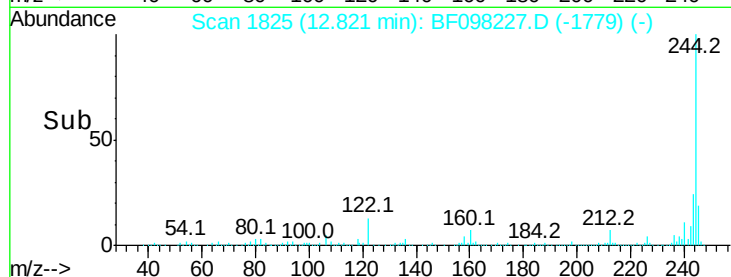
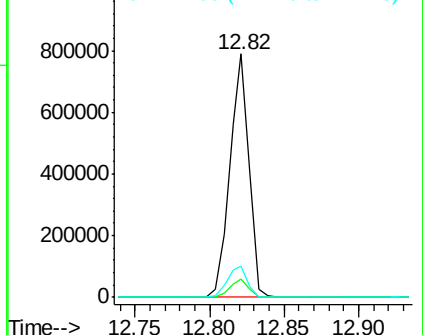
122 12.9 10.3 15.5



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. -0.03 min

Lab File: BF098227.D

Acq: 1 Sep 2017 15:29

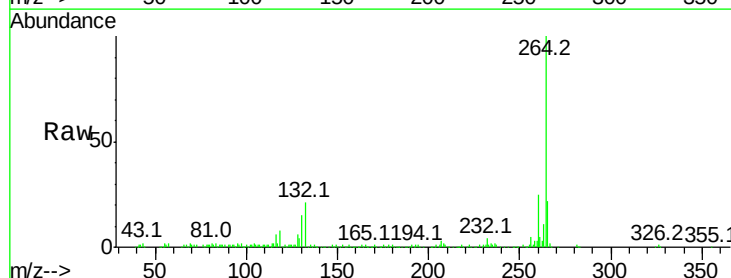
Tgt Ion:264 Resp: 189287

Ion Ratio Lower Upper

264 100

260 24.6 19.5 29.3

265 21.9 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

