

Data Path : U:\HPCHEM1\BNA F\DATA\BF082317\
 Data File : BF097994.D
 Acq On : 23 Aug 2017 13:24
 Operator : SJ/JU
 Sample : I4915-04
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 23 17:48:46 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

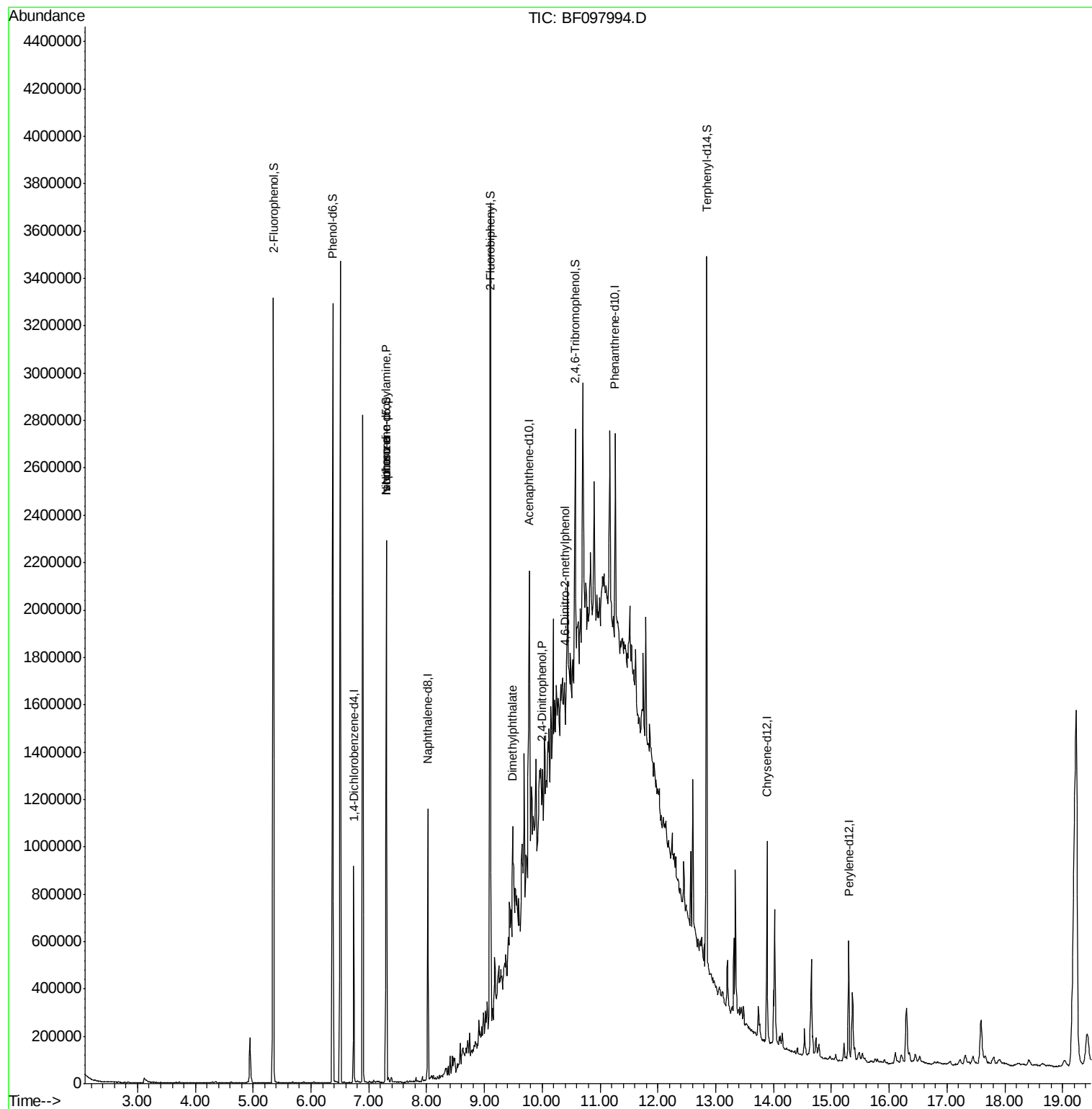
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	121598	20.00	ng	-0.01
21) Naphthalene-d8	8.02	136	471199	20.00	ng	-0.01
38) Acenaphthene-d10	9.77	164	193079	20.00	ng	-0.01
63) Phenanthrene-d10	11.26	188	347054	20.00	ng	0.00
75) Chrysene-d12	13.89	240	266796	20.00	ng	-0.01
86) Perylene-d12	15.30	264	220292	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	1056319	132.14	ng	0.00
7) Phenol-d6	6.38	99	1425281	131.22	ng	0.00
23) Nitrobenzene-d5	7.30	82	884362	101.96	ng	-0.02
41) 2,4,6-Tribromophenol	10.57	330	189692	113.23	ng	0.00
44) 2-Fluorobiphenyl	9.10	172	1251356	95.22	ng	0.00
78) Terphenyl-d14	12.84	244	1044296	81.62	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.30	70	118585	15.948	ng	# 73
25) Isophorone	7.30	82	871196	48.303	ng	# 67
49) Dimethylphthalate	9.49	163	98510	6.980	ng	# 95
53) 2,4-Dinitrophenol	9.99	184	110	10.214	ng	# 1
64) 4,6-Dinitro-2-methylphenol	10.39	198	874	8.762	ng	# 1

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

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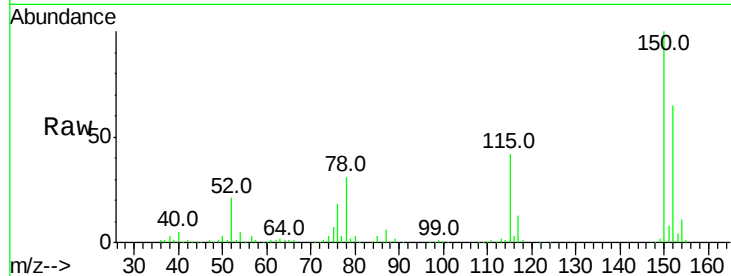


#1

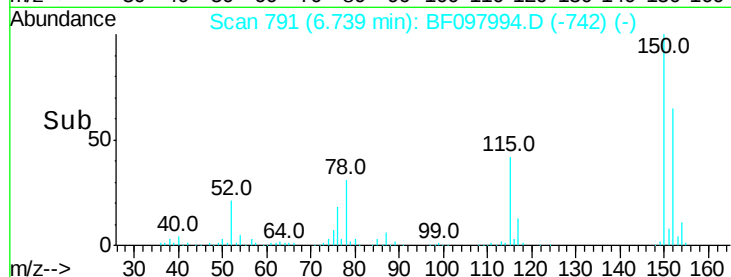
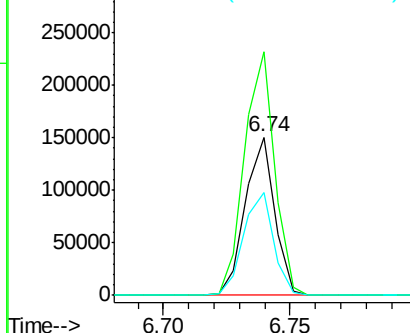
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.74 min Scan# 791
Delta R.T. -0.01 min
Lab File: BF097994.D
Acq: 23 Aug 2017 13:24

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 121598
Ion Ratio Lower Upper
152 100
150 153.7 126.2 189.2
115 64.7 52.2 78.2



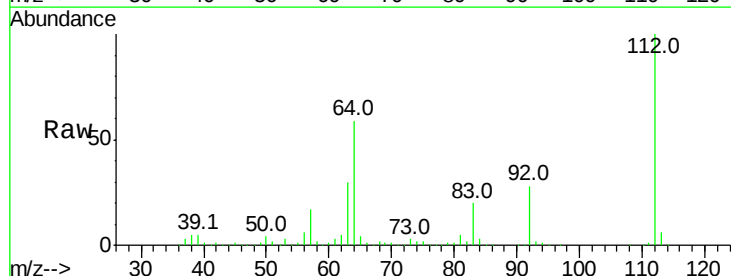
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



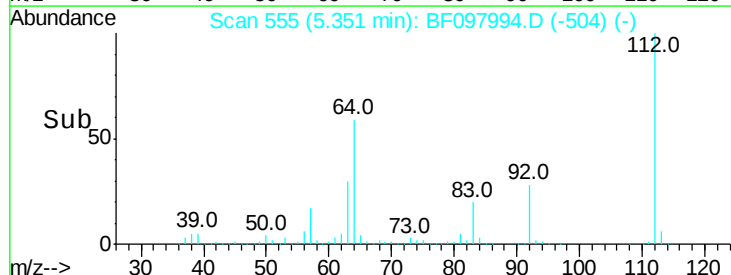
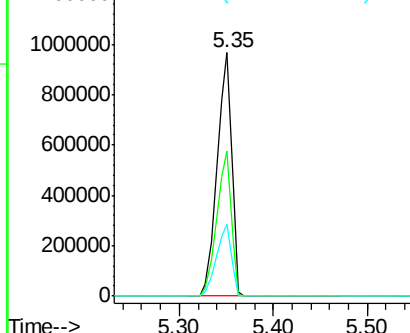
#5

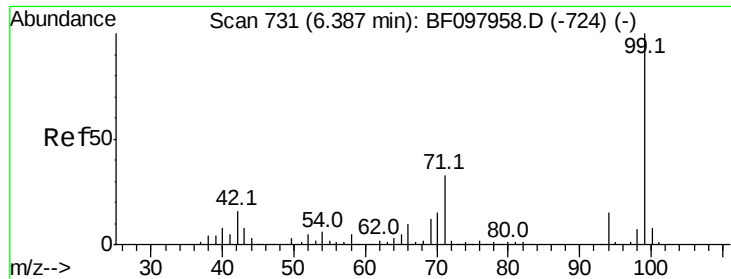
2-Fluorophenol
Concen: 132.135 ng
RT: 5.35 min Scan# 555
Delta R.T. 0.00 min
Lab File: BF097994.D
Acq: 23 Aug 2017 13:24

Tgt Ion:112 Resp: 1056319
Ion Ratio Lower Upper
112 100
64 59.4 46.0 69.0
63 29.7 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: 131.219 ng

RT: 6.38 min Scan# 730

Delta R.T. -0.01 min

Lab File: BF097994.D

Acq: 23 Aug 2017 13:24

Instrument :

BNA_F

ClientSampleId :

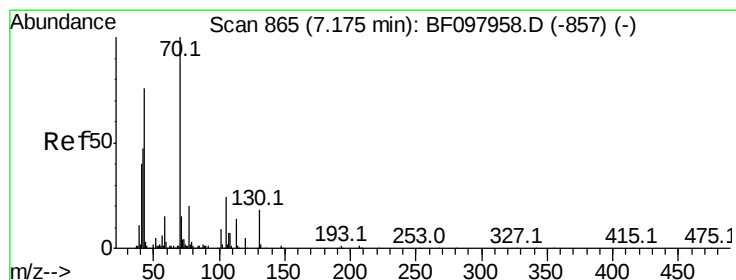
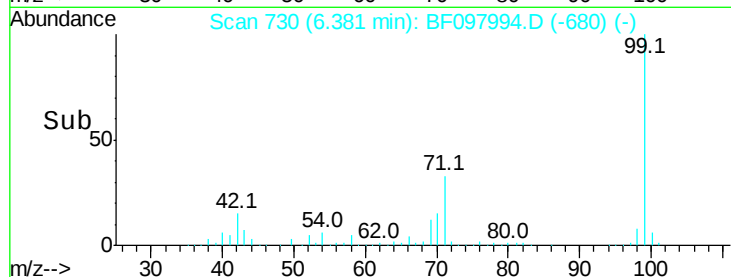
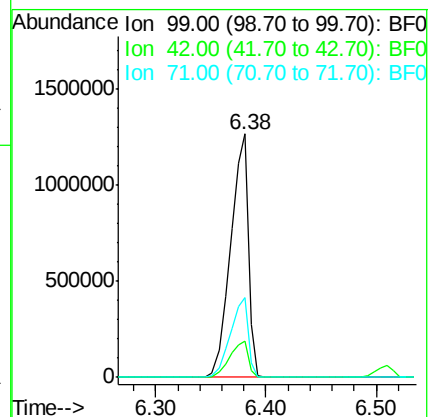
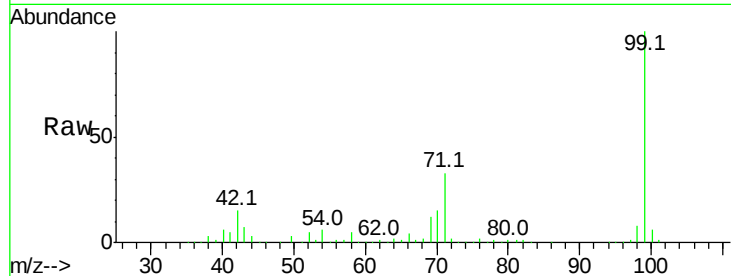
Tot Ion: 99 Resp: 1425281

Ion Ratio Lower Upper

99 100

42 14.8 13.5 20.3

71 32.5 24.5 36.7



#19

n-Nitroso-di-n-propylamine

Concen: 15.948 ng

RT: 7.30 min Scan# 887

Delta R.T. 0.13 min

Lab File: BF097994.D

Acq: 23 Aug 2017 13:24

Tgt Ion: 70 Resp: 118585

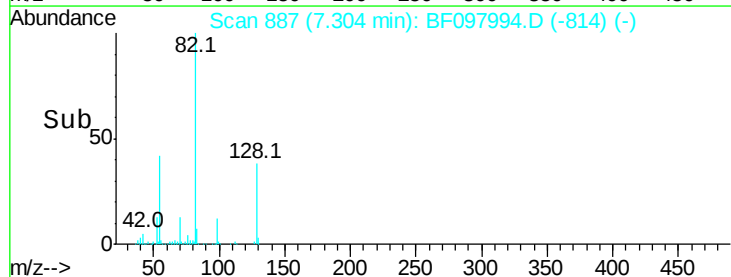
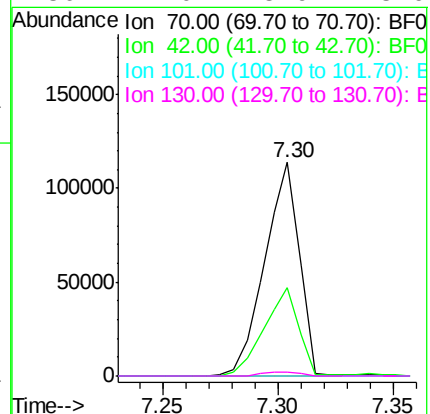
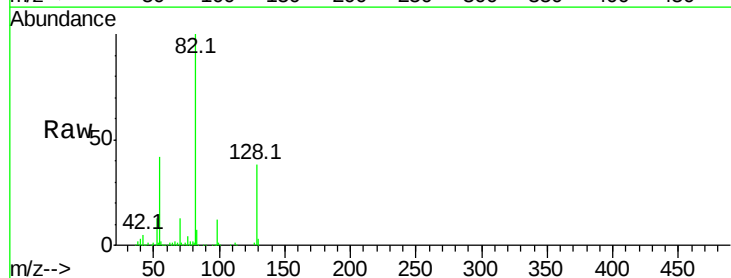
Ion Ratio Lower Upper

70 100

42 41.2 47.2 70.8#

101 0.0 7.2 10.8#

130 2.0 15.9 23.9#

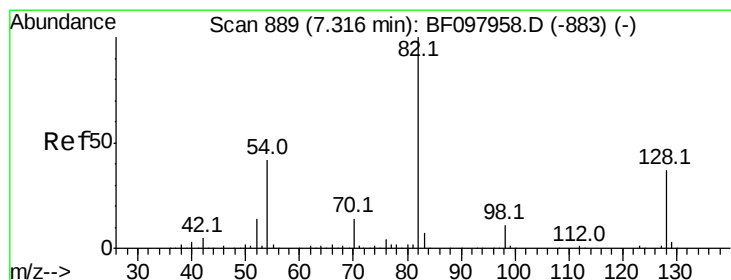
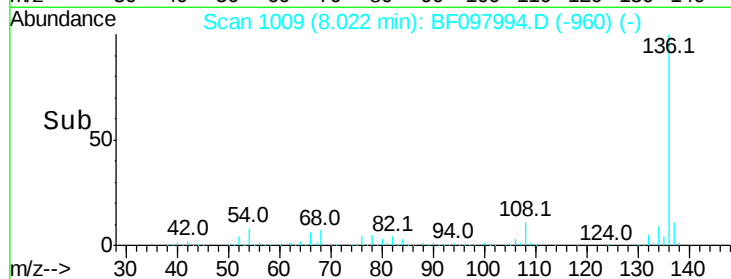
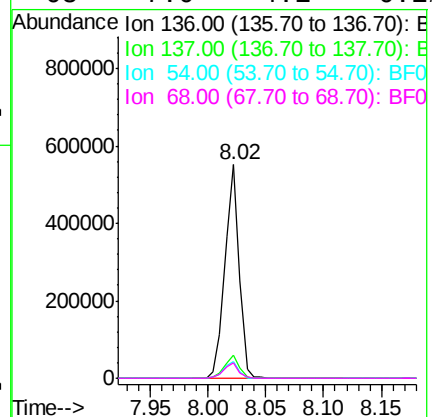
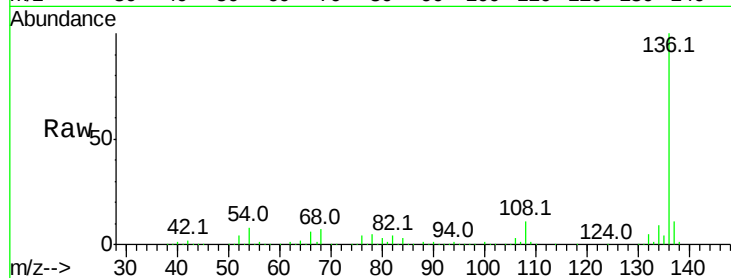




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.02 min Scan# 1009
Delta R.T. -0.01 min
Lab File: BF097994.D
Acq: 23 Aug 2017 13:24

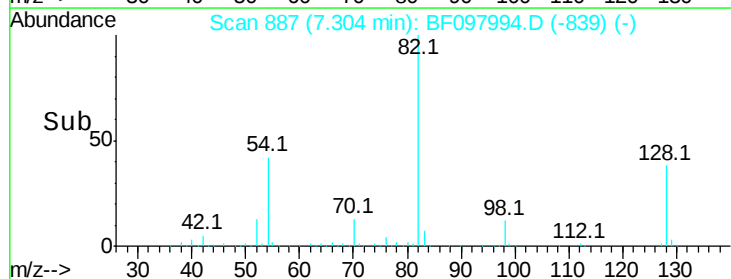
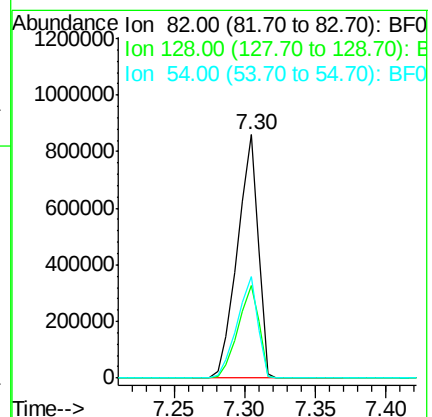
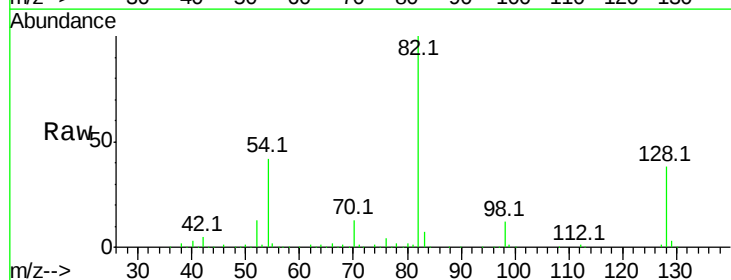
Instrument :
BNA_F
ClientSampleId :

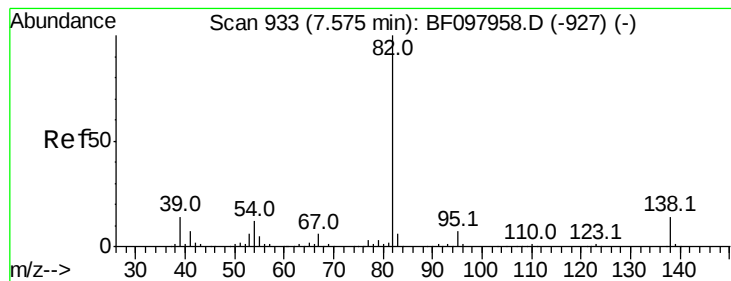
Tot Ion:136	Resp:	471199
Ion	Ratio	Lower Upper
136	100	
137	11.0	8.5 12.7
54	7.6	4.9 7.3#
68	7.0	4.1 6.1#



#23
Nitrobenzene-d5
Concen: 101.958 ng
RT: 7.30 min Scan# 887
Delta R.T. -0.02 min
Lab File: BF097994.D
Acq: 23 Aug 2017 13:24

Tgt Ion: 82	Resp:	884362
Ion	Ratio	Lower Upper
82	100	
128	38.3	34.0 51.0
54	41.7	42.2 63.2#





#25

Isophorone

Concen: 48.303 ng

RT: 7.30 min Scan# 887

Delta R.T. -0.28 min

Lab File: BF097994.D

Acq: 23 Aug 2017 13:24

Instrument :

BNA_F

ClientSampled :

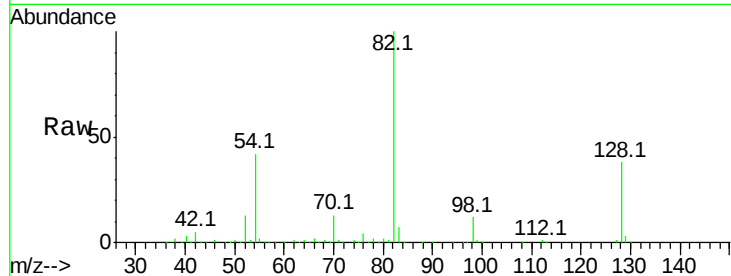
Tot Ion: 82 Resp: 871196

Ion Ratio Lower Upper

82 100

95 0.0 5.3 7.9#

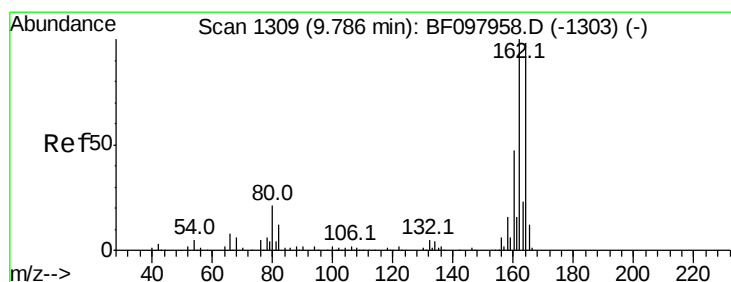
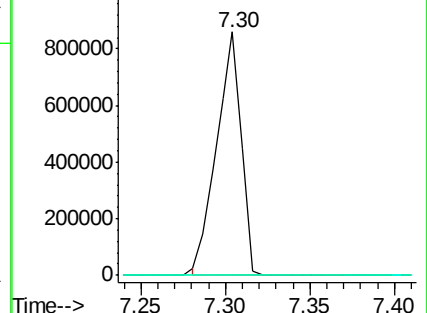
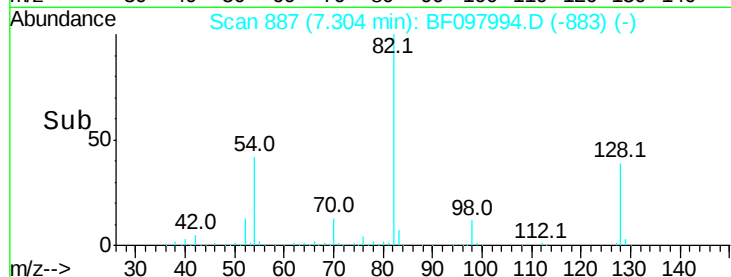
138 0.0 13.1 19.7#



Abundance Ion 82.00 (81.70 to 82.70): BF097958.D (-927) (-)

Ion 95.00 (94.70 to 95.70): BF097958.D (-927) (-)

Ion 138.00 (137.70 to 138.70): BF097958.D (-927) (-)



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.77 min Scan# 1307

Delta R.T. -0.01 min

Lab File: BF097994.D

Acq: 23 Aug 2017 13:24

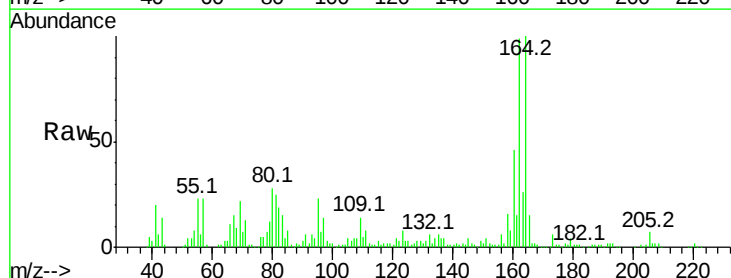
Tgt Ion:164 Resp: 193079

Ion Ratio Lower Upper

164 100

162 98.9 82.6 123.8

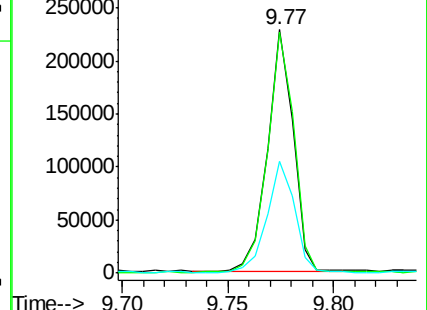
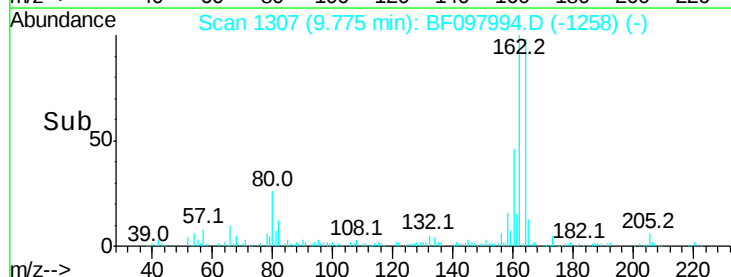
160 45.9 36.2 54.2



Abundance Ion 164.00 (163.70 to 164.70): BF097958.D (-1303) (-)

Ion 162.00 (161.70 to 162.70): BF097958.D (-1303) (-)

Ion 160.00 (159.70 to 160.70): BF097958.D (-1303) (-)

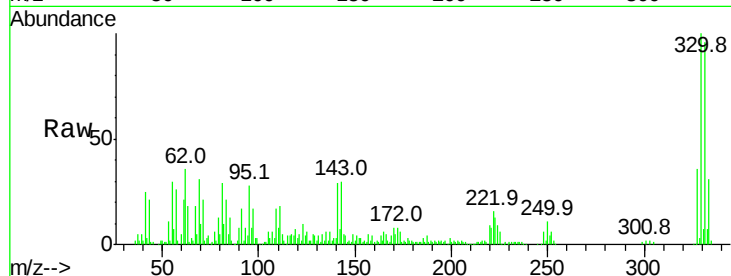




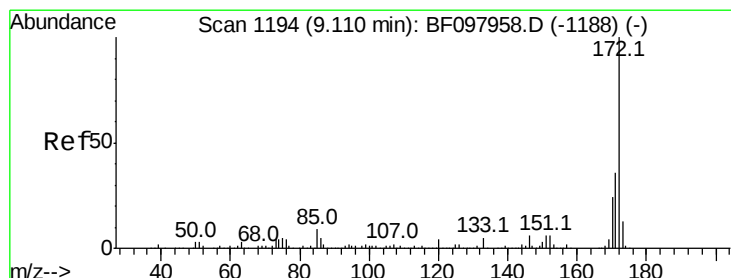
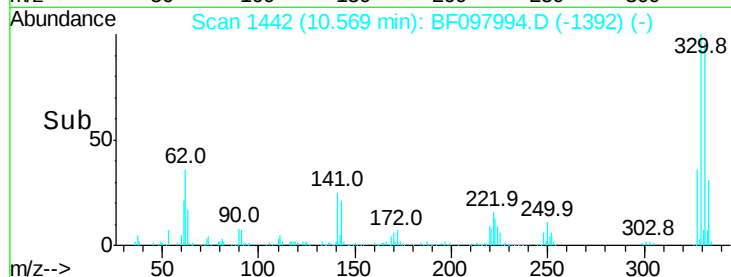
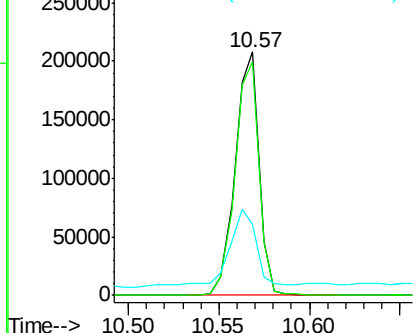
#41
 2,4,6-Tribromophenol
 Concen: 113.230 ng
 RT: 10.57 min Scan# 1442
 Delta R.T. -0.01 min
 Lab File: BF097994.D
 Acq: 23 Aug 2017 13:24

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 189692
 Ion Ratio Lower Upper
 330 100
 332 96.9 76.6 115.0
 141 37.2 31.4 47.2

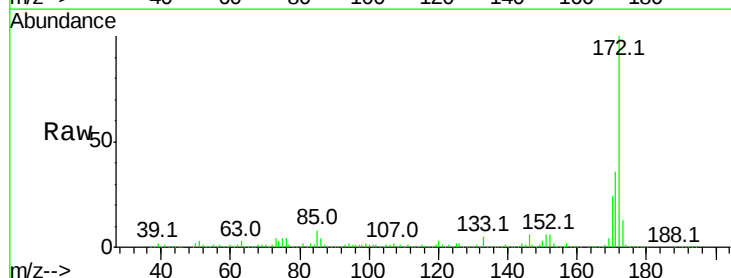


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

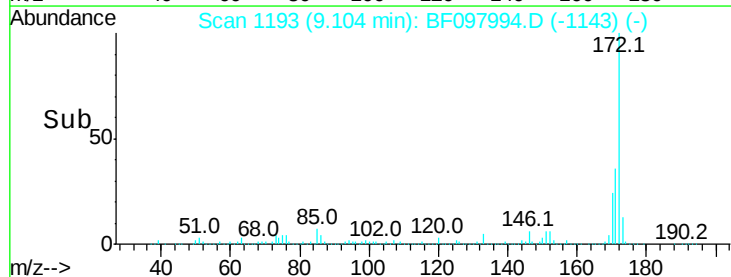
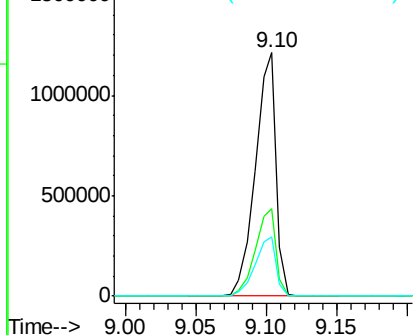


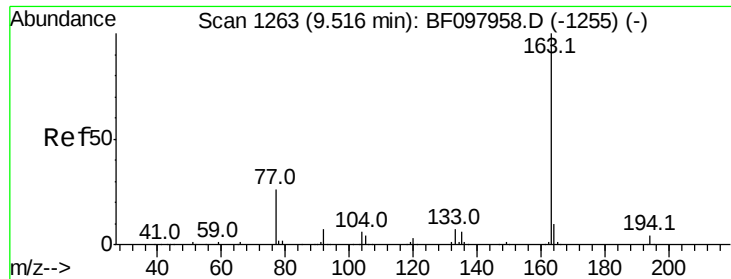
#44
 2-Fluorobiphenyl
 Concen: 95.220 ng
 RT: 9.10 min Scan# 1193
 Delta R.T. -0.01 min
 Lab File: BF097994.D
 Acq: 23 Aug 2017 13:24

Tgt Ion:172 Resp: 1251356
 Ion Ratio Lower Upper
 172 100
 171 35.8 29.6 44.4
 170 24.1 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

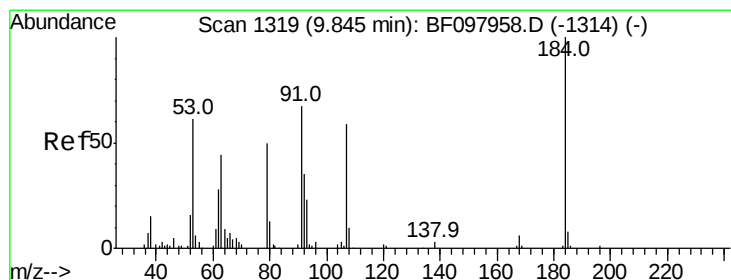
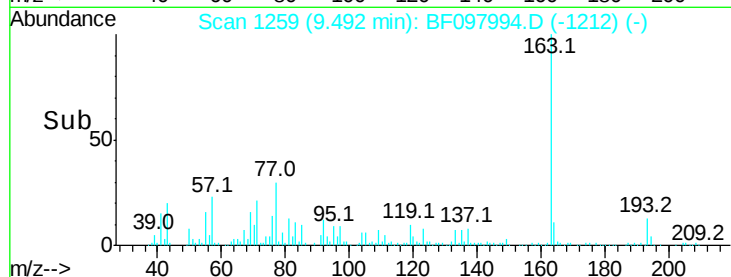
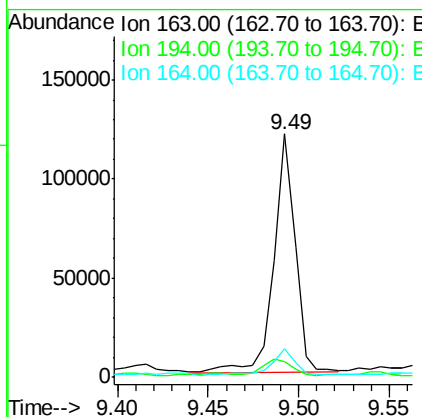
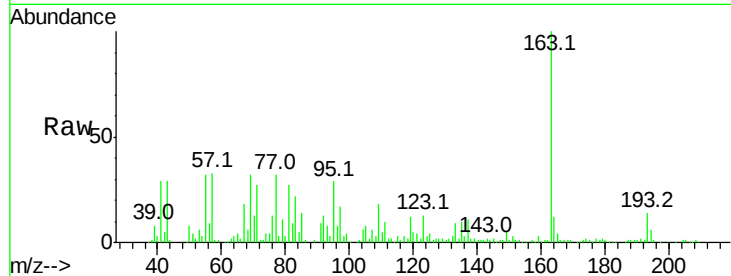




#49
Dimethylphthalate
Concen: 6.980 ng
RT: 9.49 min Scan# 1259
Delta R.T. -0.02 min
Lab File: BF097994.D
Acq: 23 Aug 2017 13:24

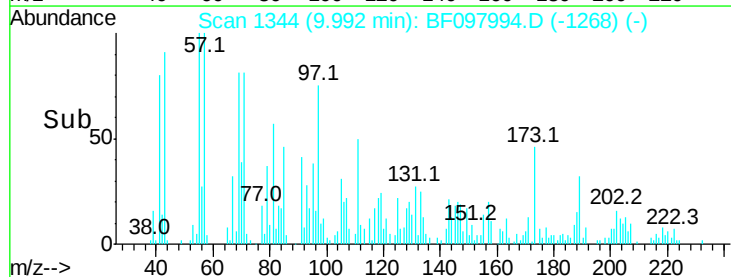
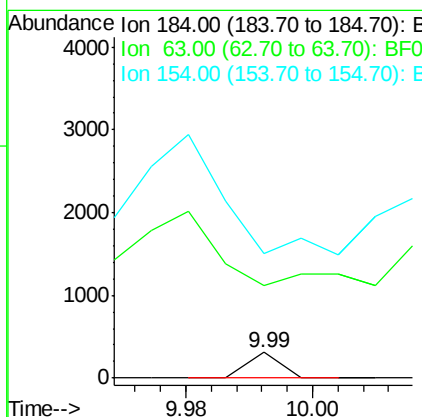
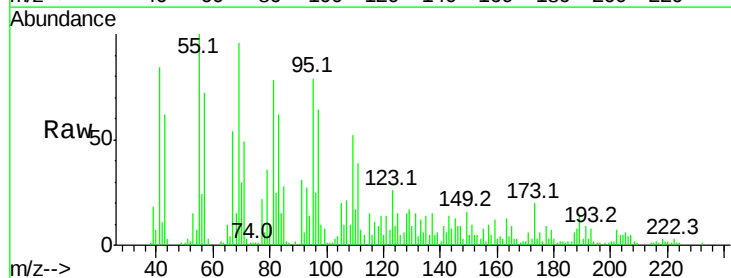
Instrument :
BNA_F
ClientSampleId :

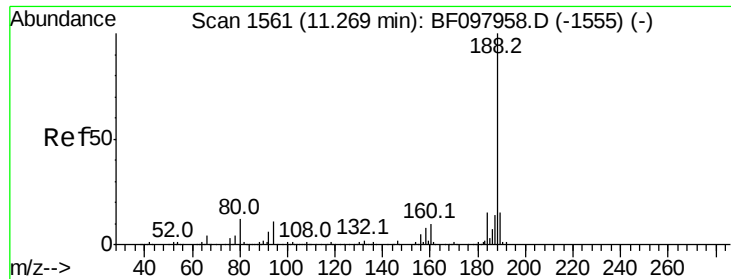
Tot Ion:163 Resp: 98510
Ion Ratio Lower Upper
163 100
194 6.3 2.6 4.0#
164 11.7 8.4 12.6



#53
2,4-Dinitrophenol
Concen: 10.214 ng
RT: 9.99 min Scan# 1344
Delta R.T. 0.15 min
Lab File: BF097994.D
Acq: 23 Aug 2017 13:24

Tgt Ion:184 Resp: 110
Ion Ratio Lower Upper
184 100
63 359.6 62.7 94.1#
154 484.0 81.1 121.7#





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.26 min Scan# 1560

Delta R.T. 0.00 min

Lab File: BF097994.D

Acq: 23 Aug 2017 13:24

Instrument :

BNA_F

ClientSampled :

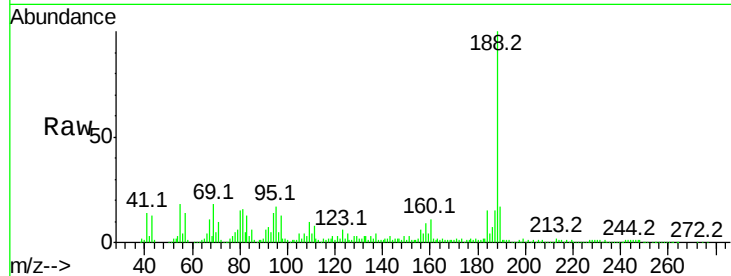
Tot Ion:188 Resp: 347054

Ion Ratio Lower Upper

188 100

94 13.7 9.4 14.2

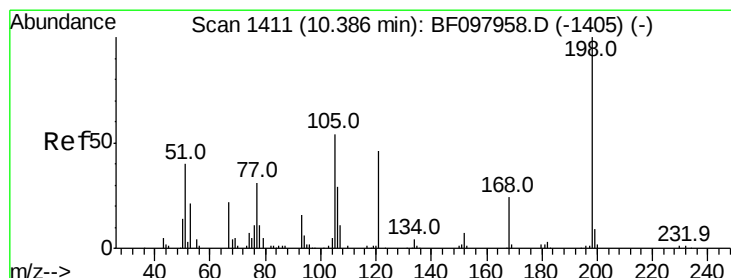
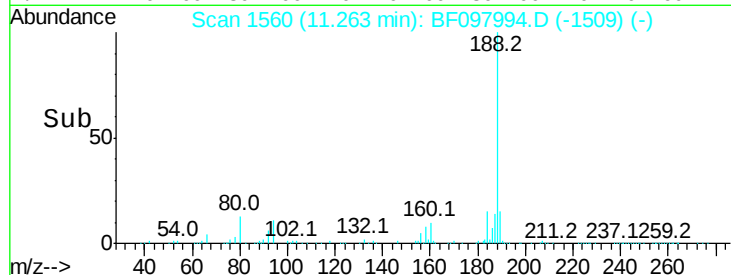
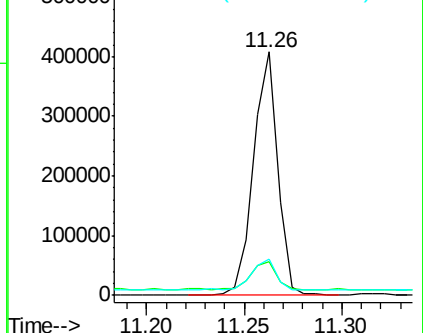
80 14.7 10.2 15.2



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: 8.762 ng

RT: 10.39 min Scan# 1412

Delta R.T. 0.01 min

Lab File: BF097994.D

Acq: 23 Aug 2017 13:24

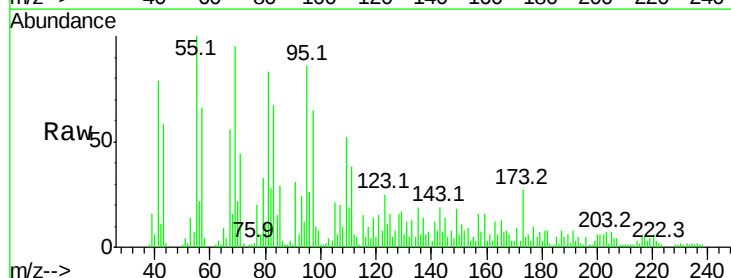
Tgt Ion:198 Resp: 874

Ion Ratio Lower Upper

198 100

51 446.1 53.2 93.2#

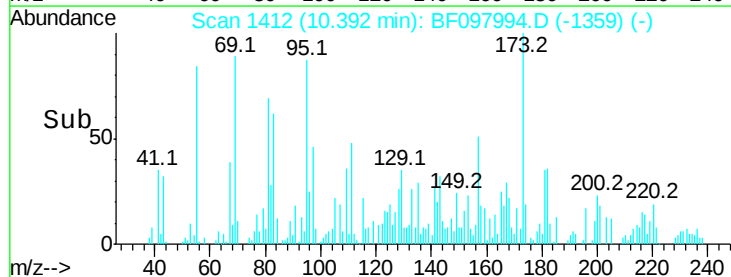
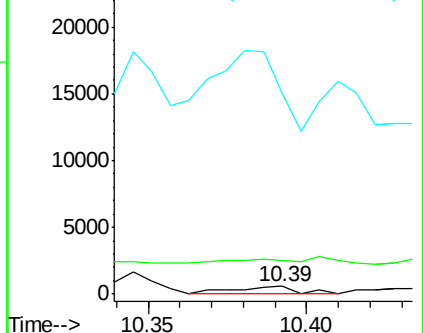
105 2623.8 45.8 85.8#

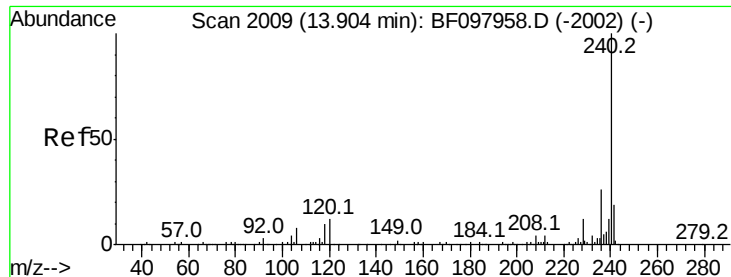


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.89 min Scan# 2006

Delta R.T. -0.01 min

Lab File: BF097994.D

Acq: 23 Aug 2017 13:24

Instrument :

BNA_F

ClientSampleId :

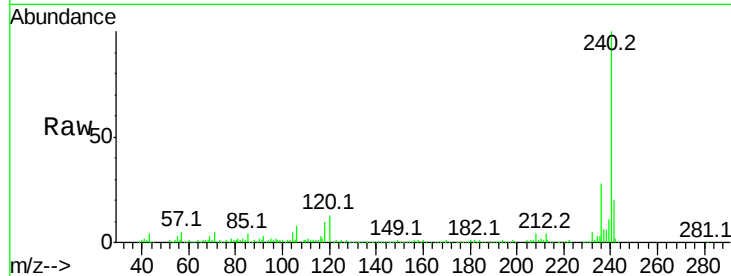
Tot Ion:240 Resp: 266796

Ion Ratio Lower Upper

240 100

120 13.0 5.8 8.8#

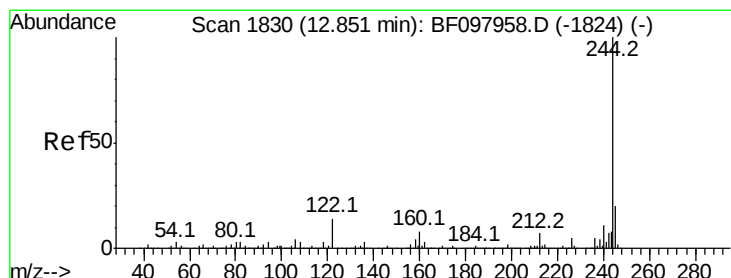
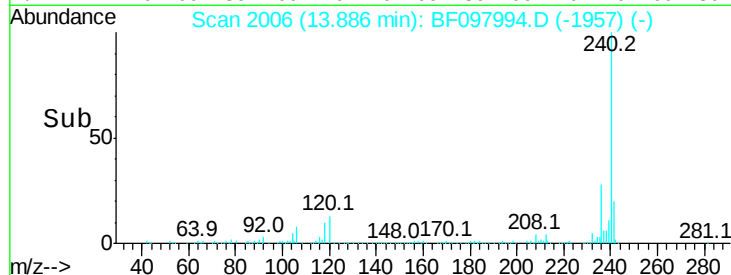
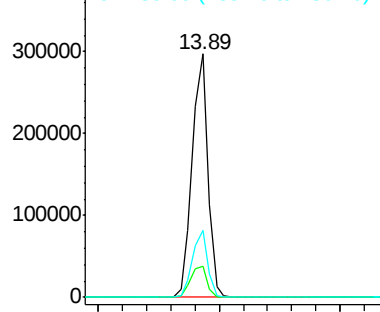
236 27.6 20.5 30.7



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: 81.624 ng

RT: 12.84 min Scan# 1829

Delta R.T. -0.01 min

Lab File: BF097994.D

Acq: 23 Aug 2017 13:24

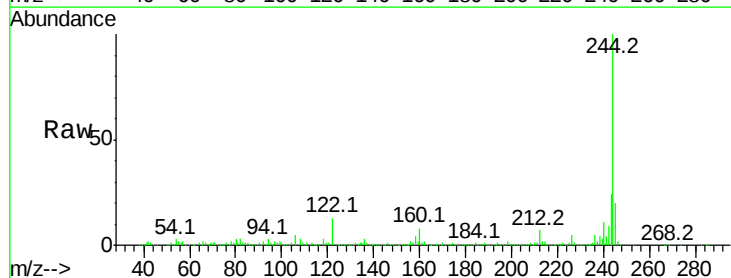
Tgt Ion:244 Resp: 1044296

Ion Ratio Lower Upper

244 100

212 7.4 6.0 9.0

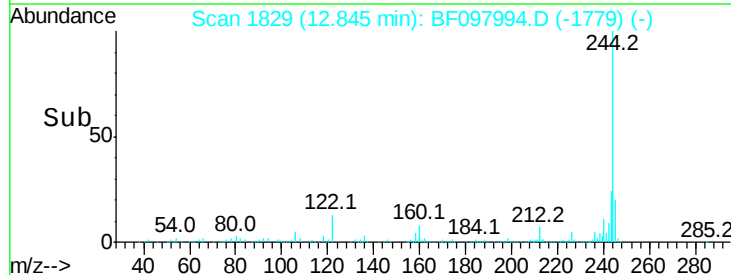
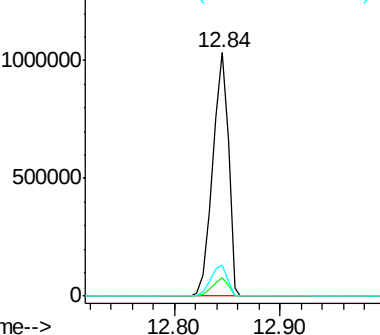
122 12.8 10.3 15.5

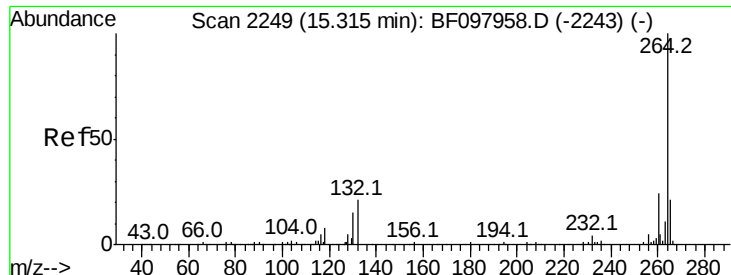


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

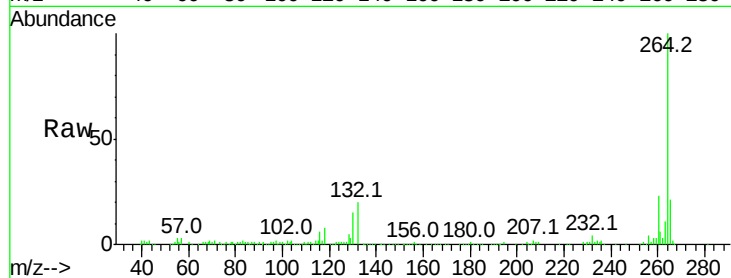




#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.30 min Scan# 2246
Delta R.T. -0.01 min
Lab File: BF097994.D
Acq: 23 Aug 2017 13:24

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.5	29.3
265	20.6	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

