

Data Path : Z:\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 :
 72-11991-DEBRIS-COMP

Quant Time: Aug 23 18:00:33 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

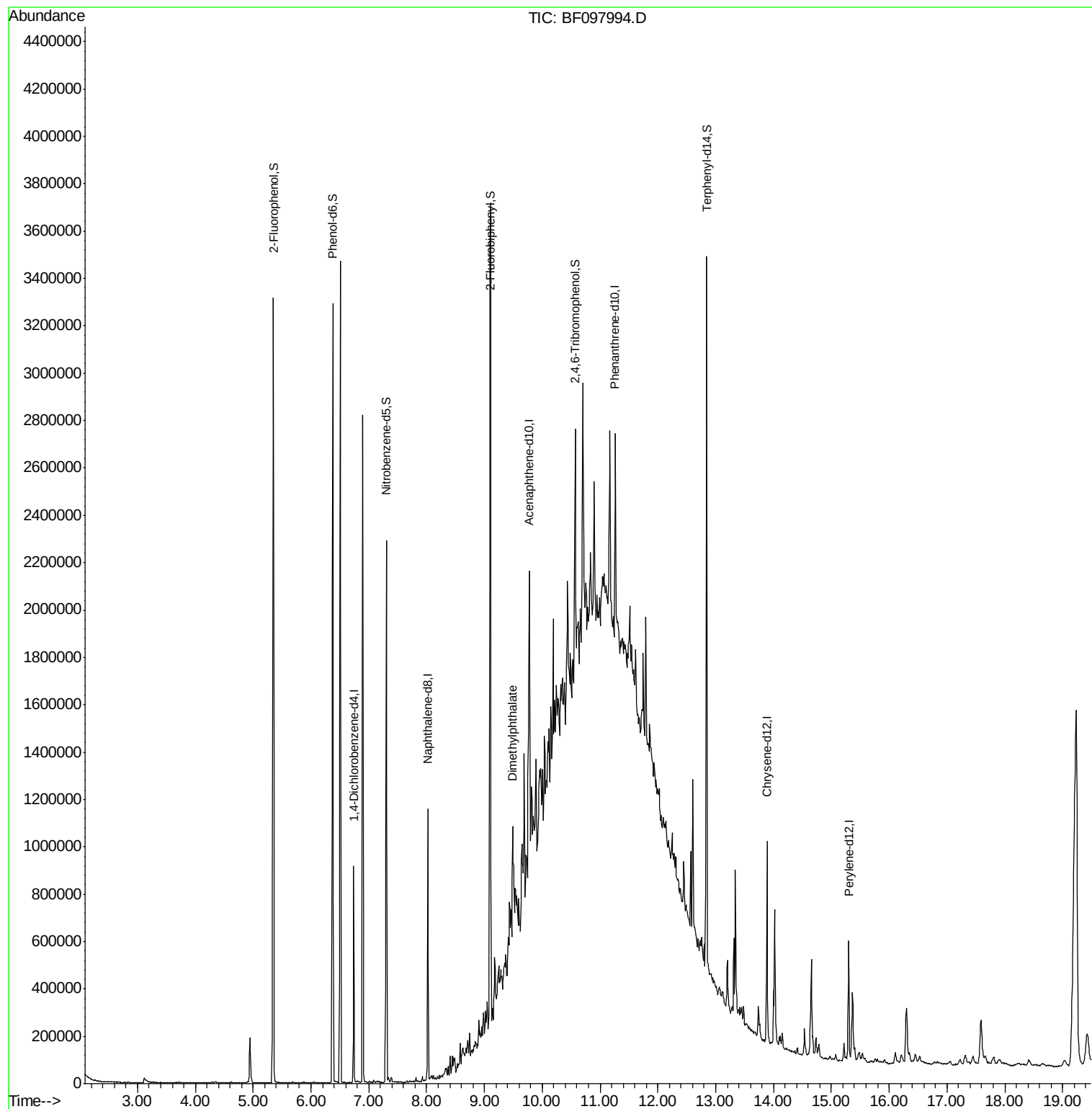
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	121598	20.00	ng	-0.01
21) Naphthalene-d8	8.02	136	471199	20.00	ng	-0.01
38) Acenaphthene-d10	9.77	164	193079	20.00	ng	-0.01
63) Phenanthrene-d10	11.26	188	347054	20.00	ng	0.00
75) Chrysene-d12	13.89	240	266796	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						
49) Dimethylphthalate	9.49	163	98510	6.980	ng	Qvalue # 95

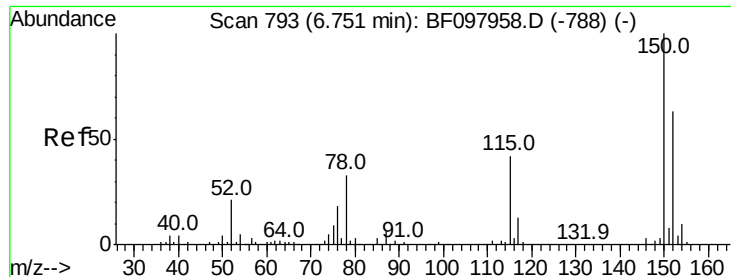
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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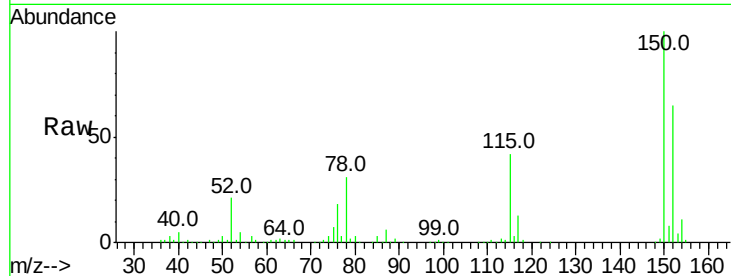


#1

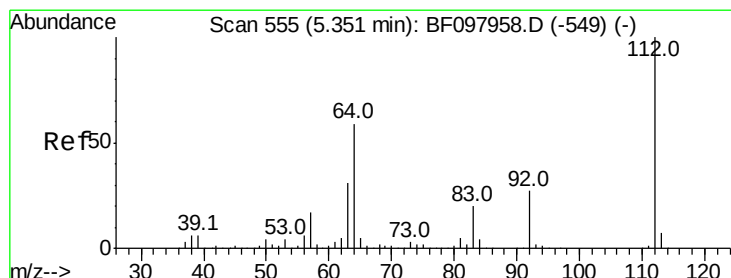
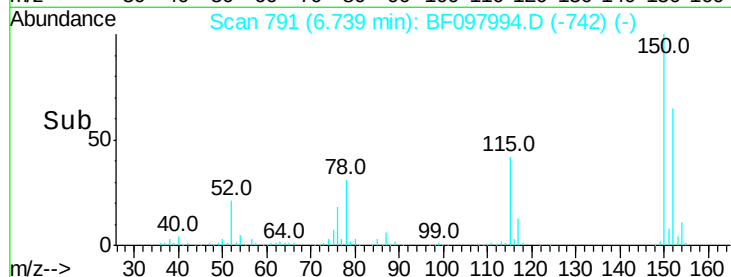
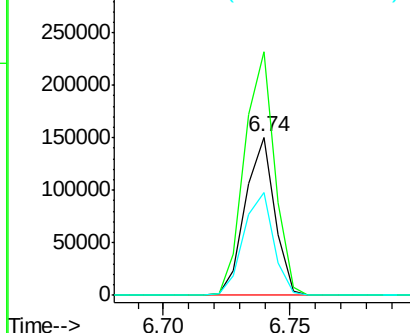
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.74 min Scan# 791
Delta R.T. -0.01 min
Lab File: BF097994.D
Acq: 23 Aug 2017 13:24

Instrument :
BNA_F
ClientSampleId :
72-11991-DEBRIS-COMP

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



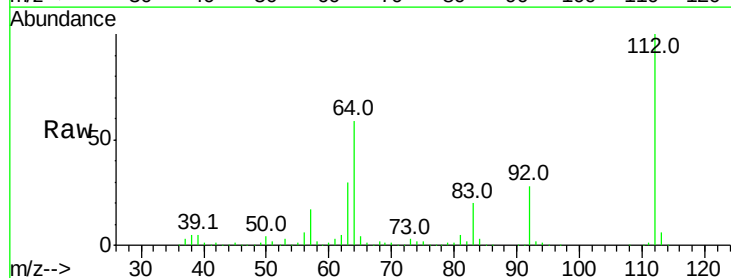
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



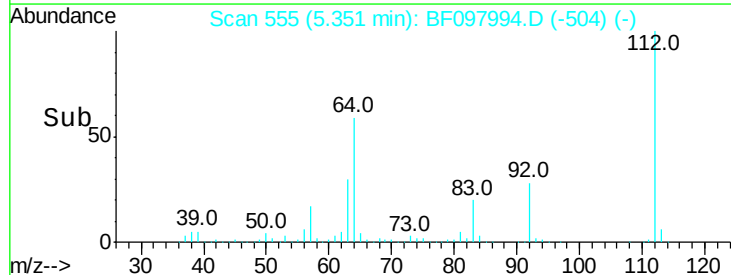
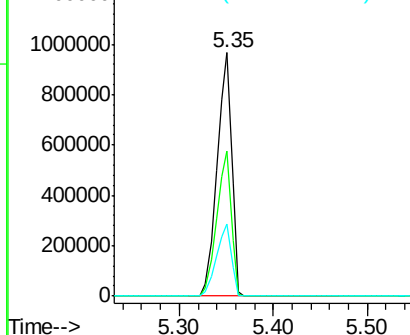
#5

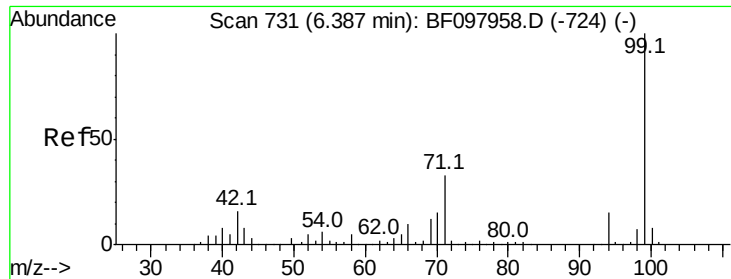
2-Fluorophenol
Concen: 132.135 ng
RT: 5.35 min Scan# 555
Delta R.T. 0.00 min
Lab File: BF097994.D
Acq: 23 Aug 2017 13:24

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 :

72-11991-DEBRIS-COMP

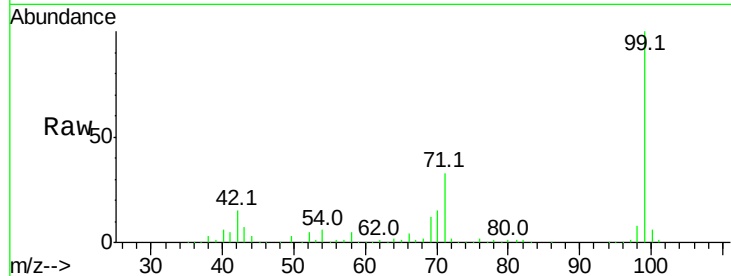
Tot Ion: 99 Resp: 1425281

Ion Ratio Lower Upper

99 100

42 14.8 13.5 20.3

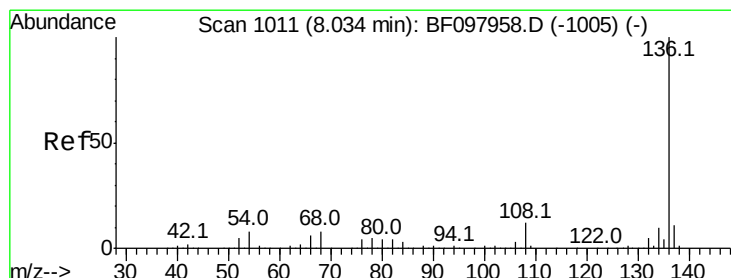
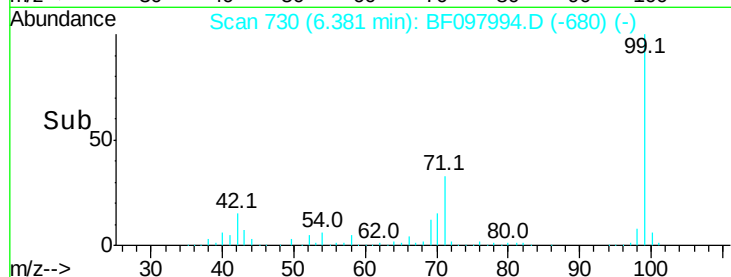
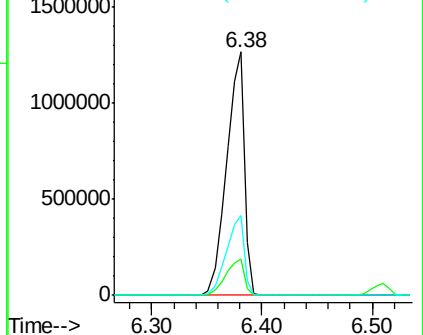
71 32.5 24.5 36.7



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



#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

Tgt Ion: 136 Resp: 471199

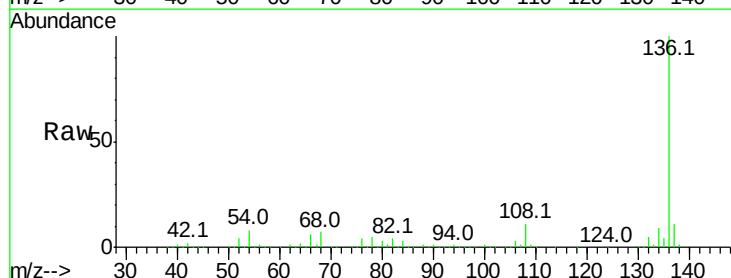
Ion Ratio Lower Upper

136 100

137 11.0 8.5 12.7

54 7.6 4.9 7.3#

68 7.0 4.1 6.1#

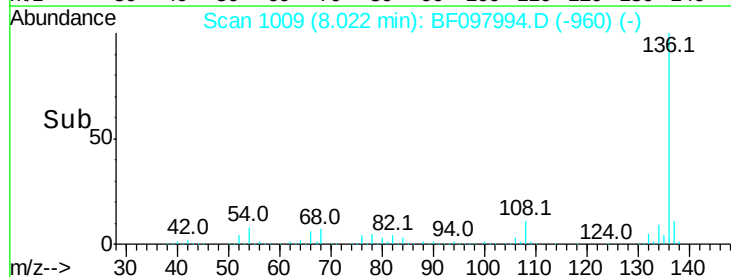
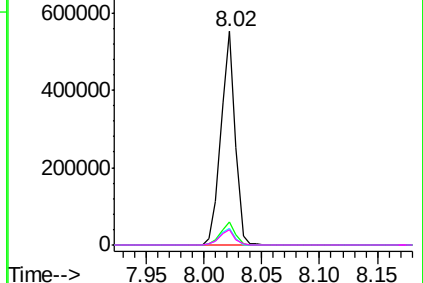


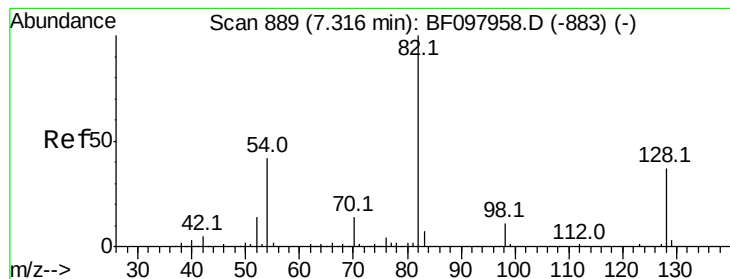
Abundance Ion 136.00 (135.70 to 136.70): E

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





#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

Instrument :

BNA_F

ClientSampleId :

72-11991-DEBRIS-COMP

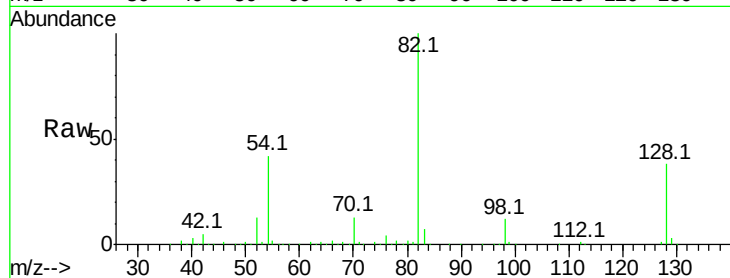
Tot Ion: 82 Resp: 884362

Ion Ratio Lower Upper

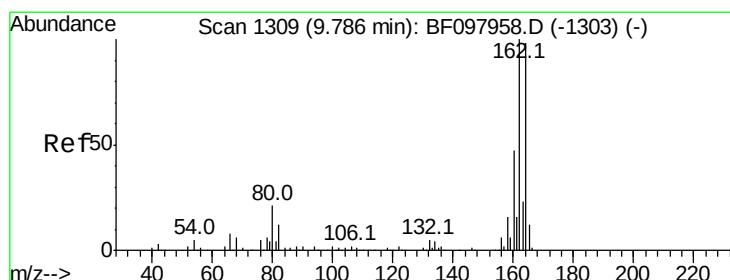
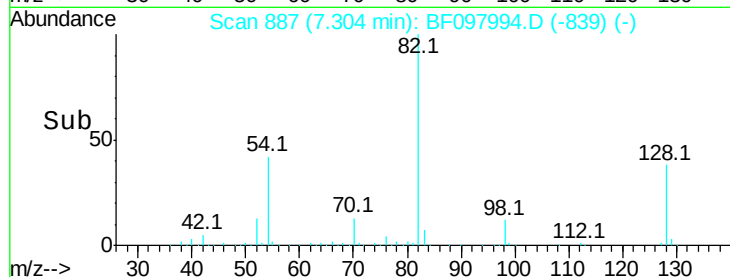
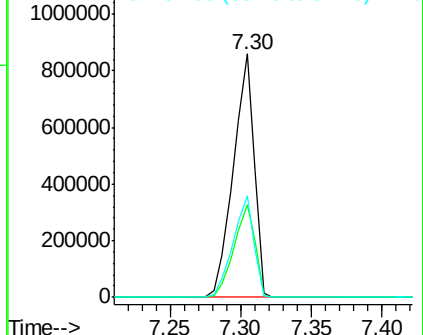
82 100

128 38.3 34.0 51.0

54 41.7 42.2 63.2#



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): B
Ion 54.00 (53.70 to 54.70): BF0



#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

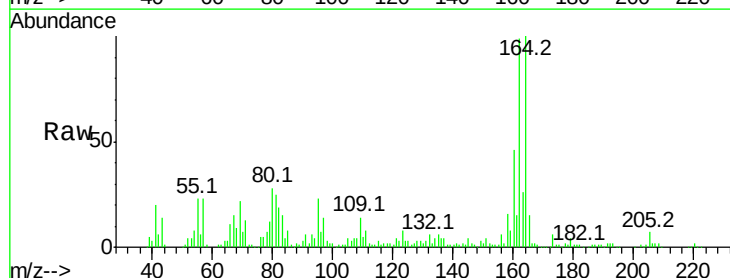
Tgt Ion:164 Resp: 193079

Ion Ratio Lower Upper

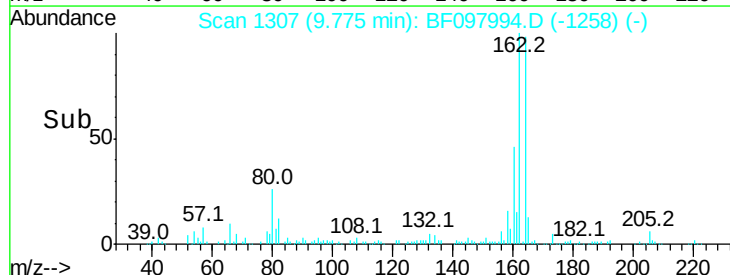
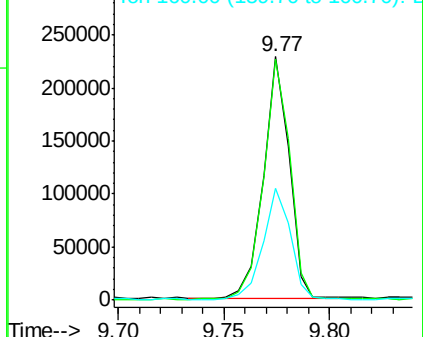
164 100

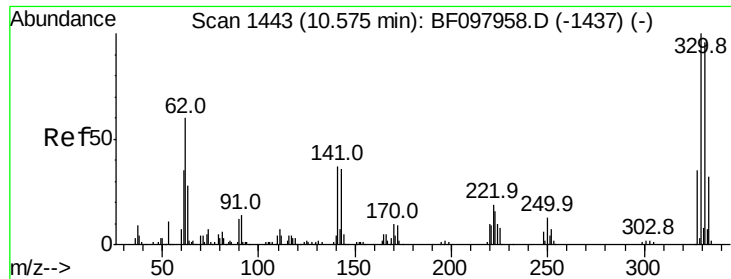
162 98.9 82.6 123.8

160 45.9 36.2 54.2



Abundance Ion 164.00 (163.70 to 164.70): B
Ion 162.00 (161.70 to 162.70): B
Ion 160.00 (159.70 to 160.70): B

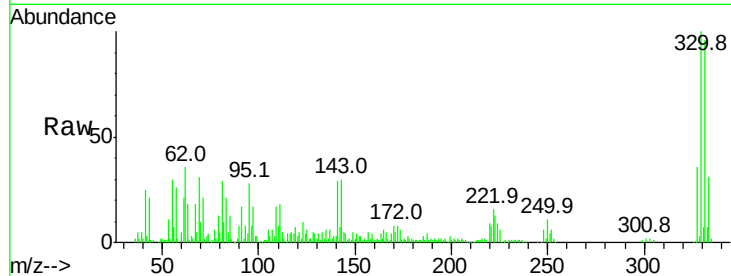




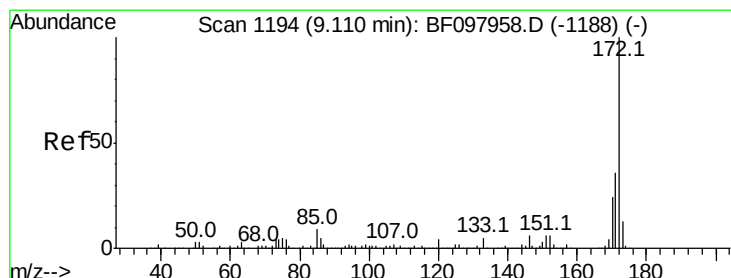
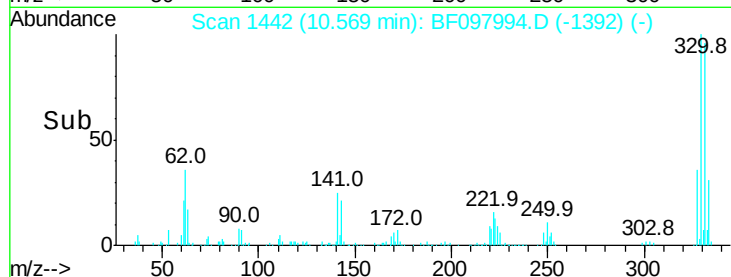
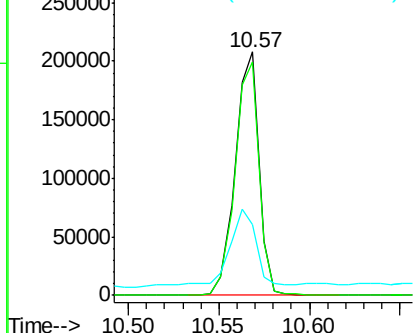
#41
 2,4,6-Tribromophenol
 Concen: 113.230 ng
 RT: 10.57 min Scan# 1442
 Delta R.T. -0.01 min
 Lab File: BF097994.D
 Acq: 23 Aug 2017 13:24

Instrument :
 BNA_F
 ClientSampleId :
 72-11991-DEBRIS-COMP

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

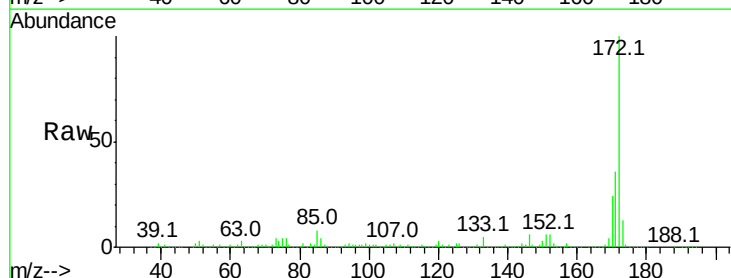


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

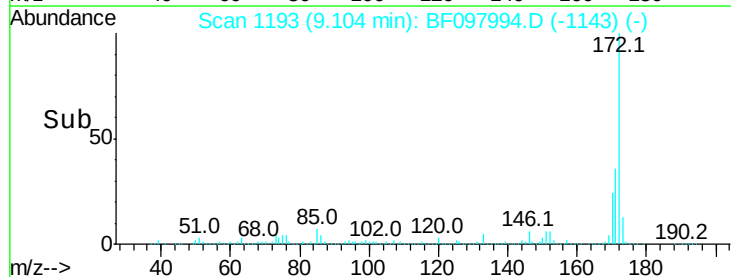
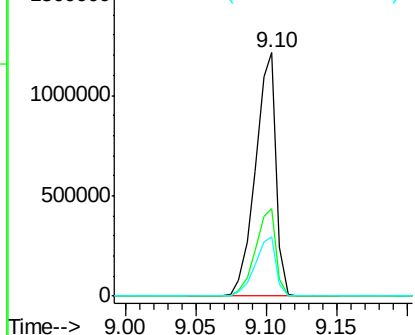


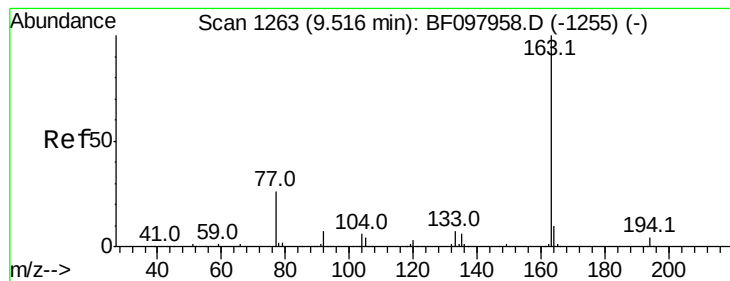
#44
 2-Fluorobiphenyl
 Concen: 95.220 ng
 RT: 9.10 min Scan# 1193
 Delta R.T. -0.01 min
 Lab File: BF097994.D
 Acq: 23 Aug 2017 13:24

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 :

72-11991-DEBRIS-COMP

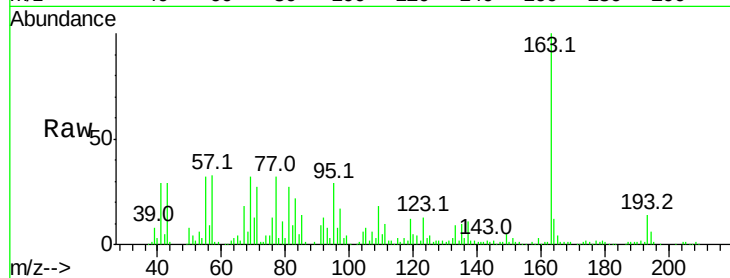
Tot Ion:163 Resp: 98510

Ion Ratio Lower Upper

163 100

194 6.3 2.6 4.0#

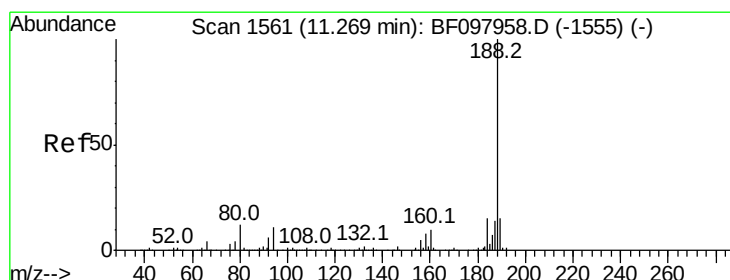
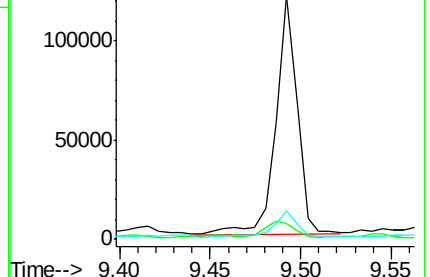
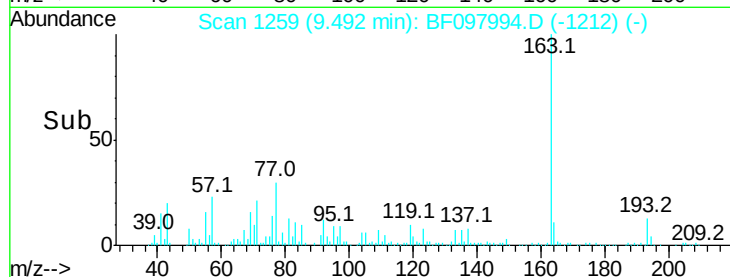
164 11.7 8.4 12.6



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



#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

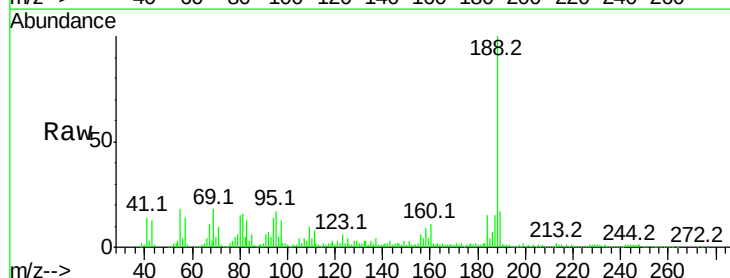
Tgt Ion:188 Resp: 347054

Ion Ratio Lower Upper

188 100

94 13.7 9.4 14.2

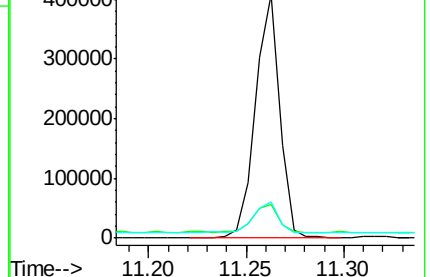
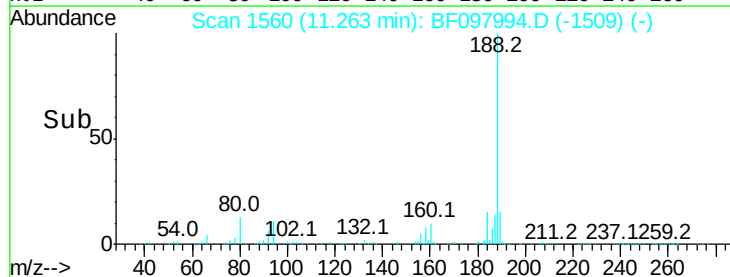
80 14.7 10.2 15.2

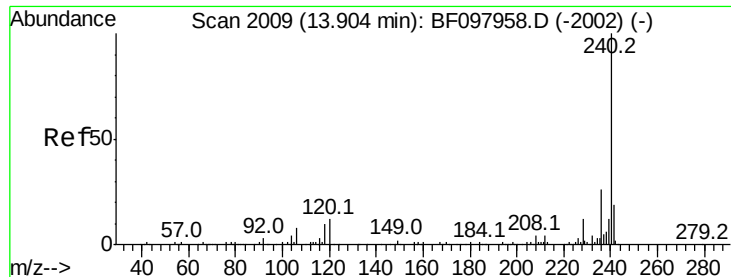


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#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

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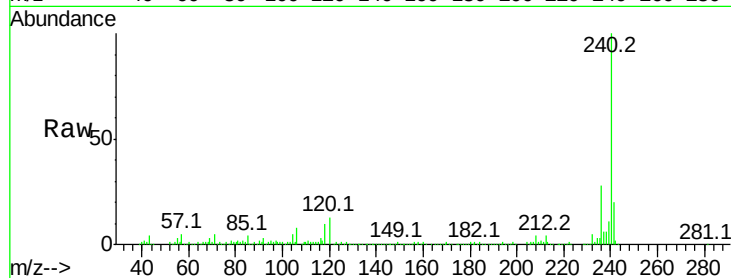
Tot Ion:240 Resp: 266796

Ion Ratio Lower Upper

240 100

120 13.0 5.8 8.8#

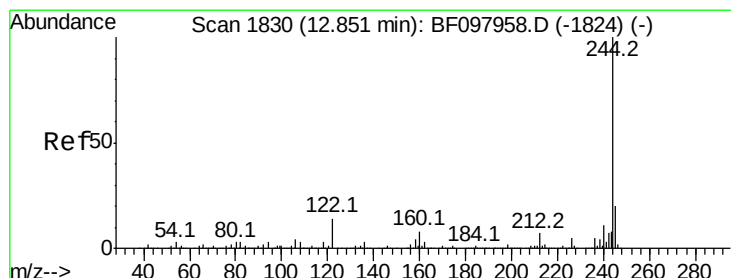
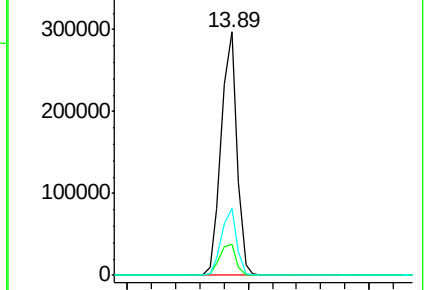
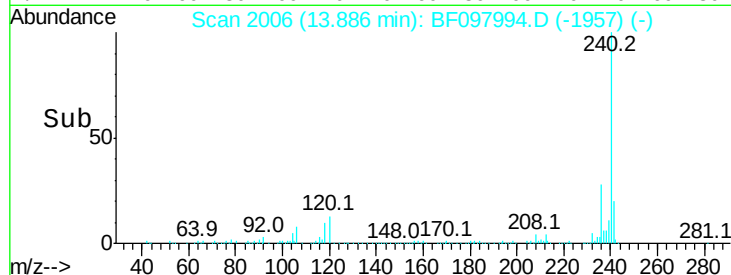
236 27.6 20.5 30.7



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

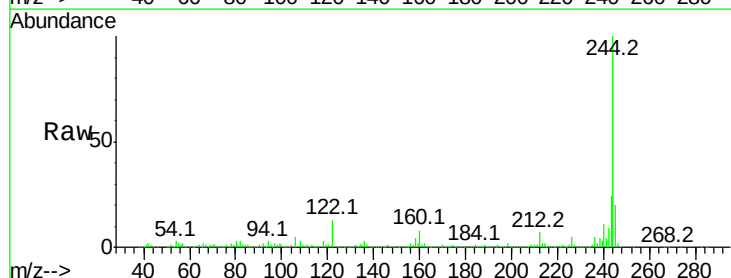
Tgt Ion:244 Resp: 1044296

Ion Ratio Lower Upper

244 100

212 7.4 6.0 9.0

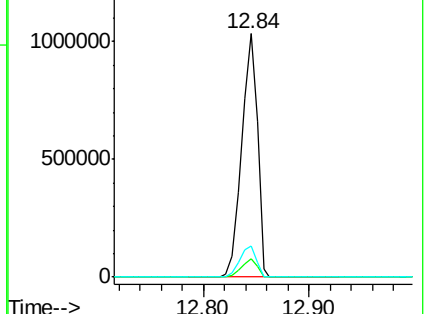
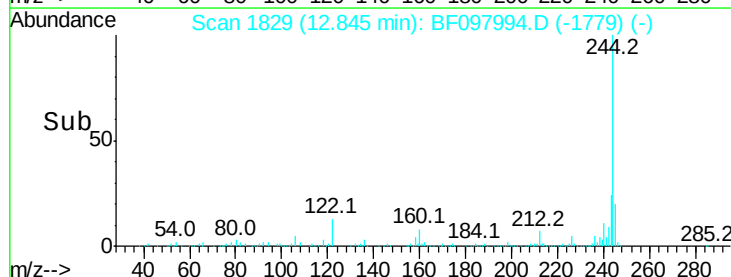
122 12.8 10.3 15.5

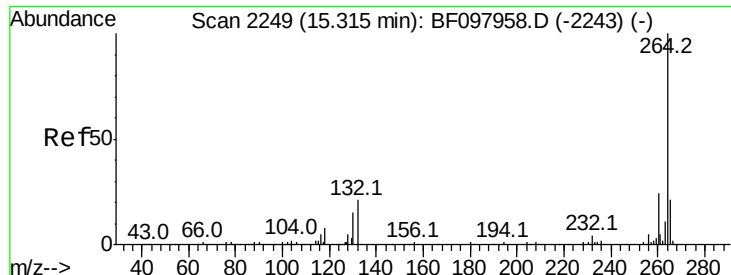


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

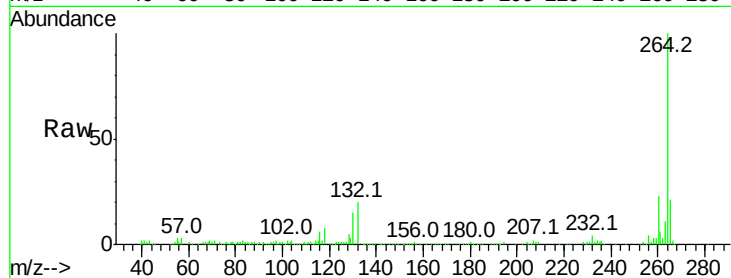




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.30 min Scan# 2246
 Delta R.T. -0.01 min
 Lab File: BF097994.D
 Acq: 23 Aug 2017 13:24

Instrument :
 BNA_F
 ClientSampleId :
 72-11991-DEBRIS-COMP

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

