

Data Path : Z:\HPCHEM1\BNA F\DATA\BF082817\
 Data File : BF098062.D
 Acq On : 28 Aug 2017 12:12
 Operator : SJ/JU
 Sample : I4947-10
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ELIZABETH-RO-COMP-B

Quant Time: Aug 28 14:00:01 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	6.75	152	126555	20.00	ng	0.00
21) Naphthalene-d8	8.02	136	507757	20.00	ng	-0.01
38) Acenaphthene-d10	9.77	164	227556	20.00	ng	-0.01
63) Phenanthrene-d10	11.26	188	448531	20.00	ng	0.00
75) Chrysene-d12	13.90	240	395541	20.00	ng	0.00
86) Perylene-d12	15.32	264	223960	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	974392	117.11	ng	0.02
7) Phenol-d6	6.39	99	1282563	113.45	ng	0.00
23) Nitrobenzene-d5	7.31	82	812694	86.95	ng	-0.01
41) 2,4,6-Tribromophenol	10.57	330	269270	136.38	ng	0.00
44) 2-Fluorobiphenyl	9.10	172	1185398	76.53	ng	0.00
78) Terphenyl-d14	12.85	244	1137462	59.97	ng	0.00

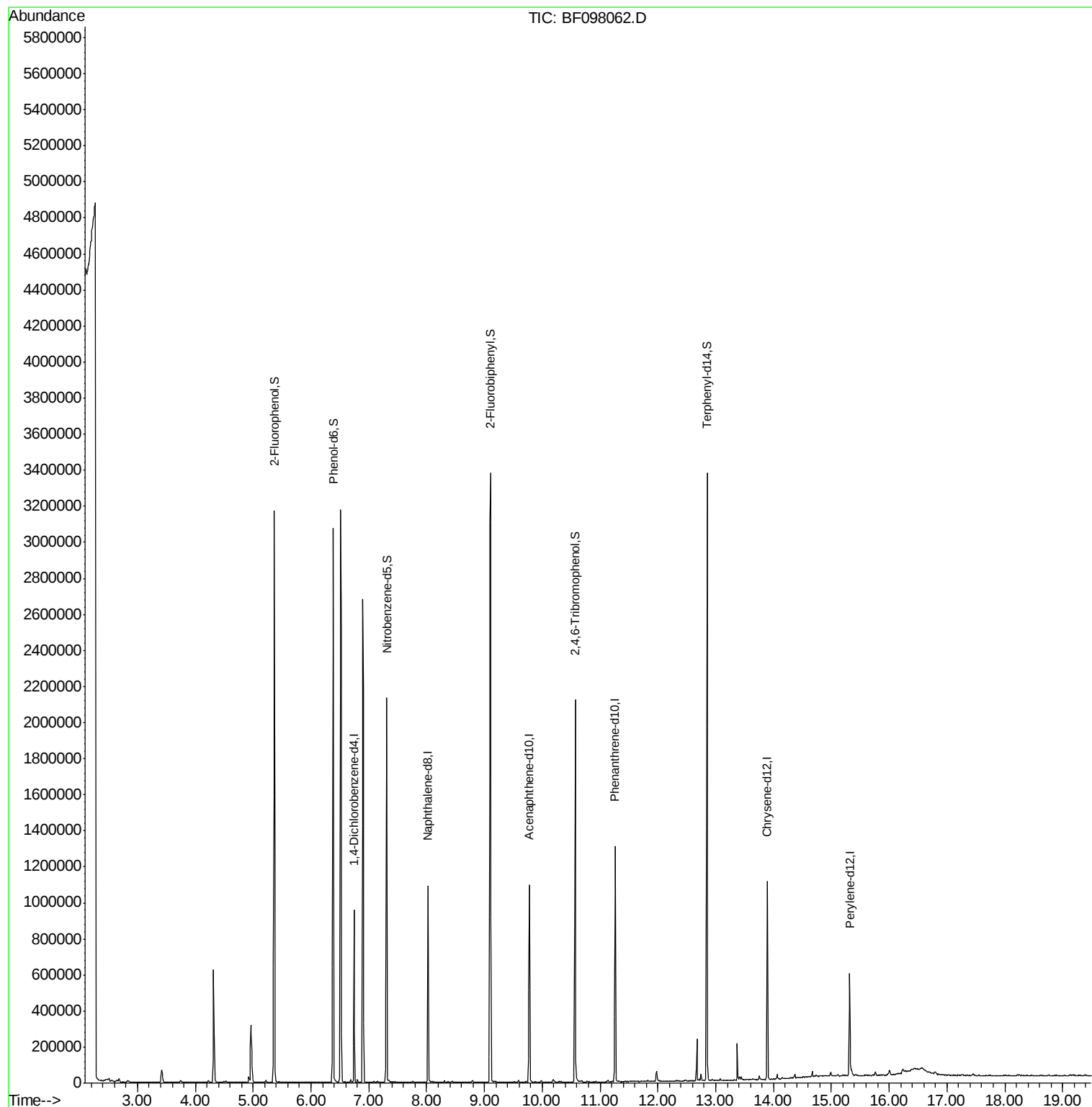
Target Compounds Qvalue

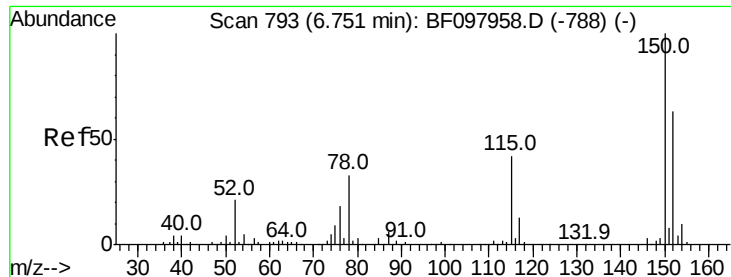
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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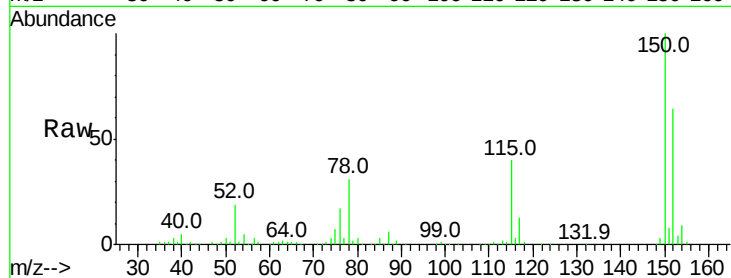


#1

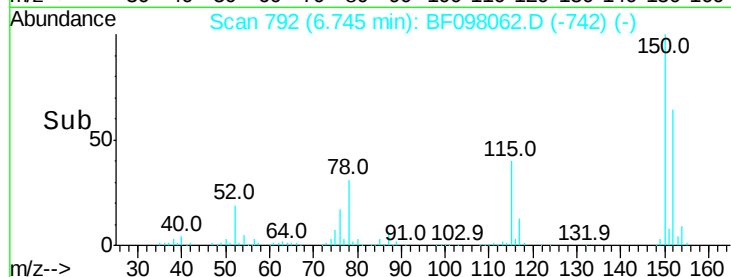
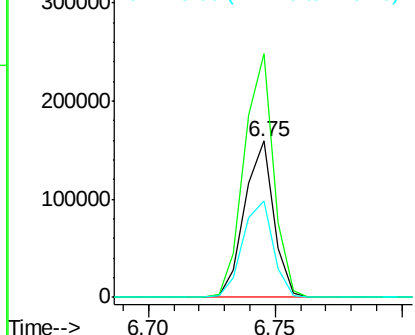
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.75 min Scan# 792
Delta R.T. -0.01 min
Lab File: BF098062.D
Acq: 28 Aug 2017 12:12

Instrument :
BNA_F
ClientSampleId :
ELIZABETH-RO-COMP-B

Tot Ion:152 Resp: 126555
Ion Ratio Lower Upper
152 100
150 156.1 126.2 189.2
115 62.0 52.2 78.2



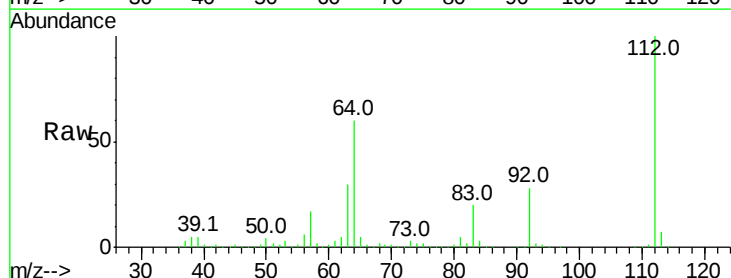
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



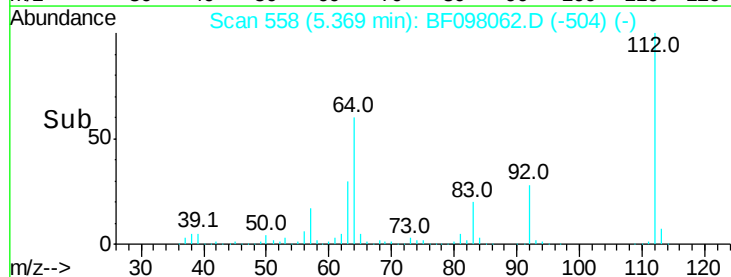
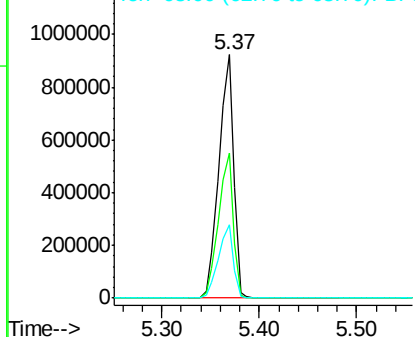
#5

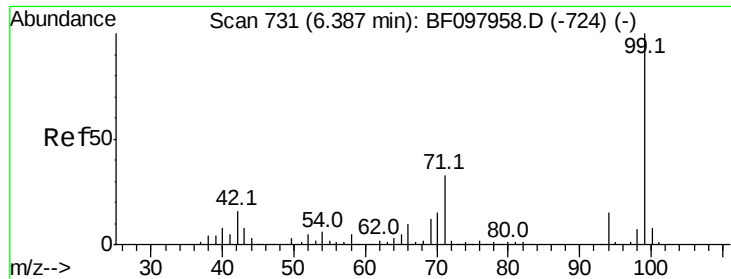
2-Fluorophenol
Concen: 117.113 ng
RT: 5.37 min Scan# 558
Delta R.T. 0.02 min
Lab File: BF098062.D
Acq: 28 Aug 2017 12:12

Tgt Ion:112 Resp: 974392
Ion Ratio Lower Upper
112 100
64 59.5 46.0 69.0
63 30.1 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: 113.455 ng

RT: 6.39 min Scan# 731

Delta R.T. 0.00 min

Lab File: BF098062.D

Acq: 28 Aug 2017 12:12

Instrument :

BNA_F

ClientSampleId :

ELIZABETH-RO-COMP-B

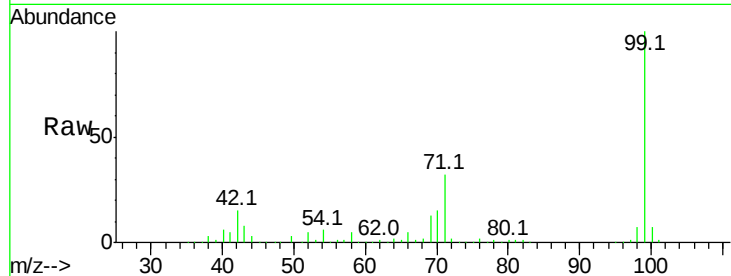
Tot Ion: 99 Resp: 1282563

Ion Ratio Lower Upper

99 100

42 15.4 13.5 20.3

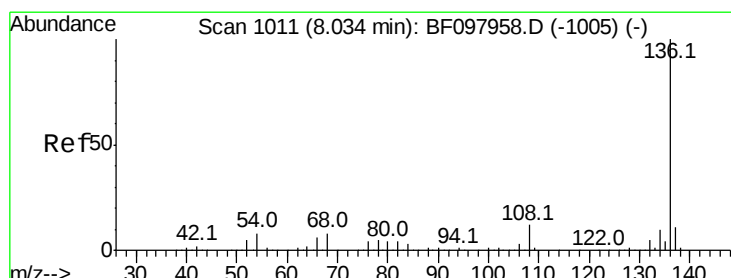
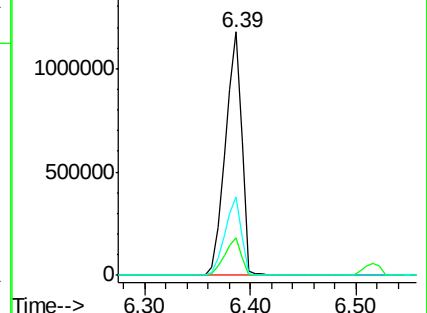
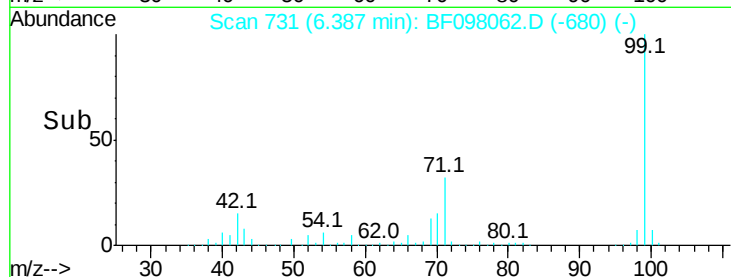
71 32.4 24.5 36.7



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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.02 min Scan# 1009

Delta R.T. -0.01 min

Lab File: BF098062.D

Acq: 28 Aug 2017 12:12

Tgt Ion: 136 Resp: 507757

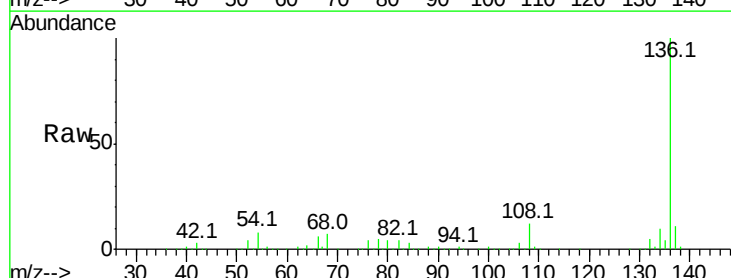
Ion Ratio Lower Upper

136 100

137 11.2 8.5 12.7

54 8.1 4.9 7.3#

68 7.3 4.1 6.1#

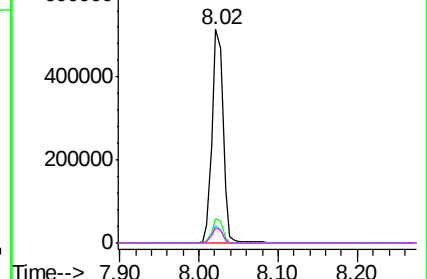
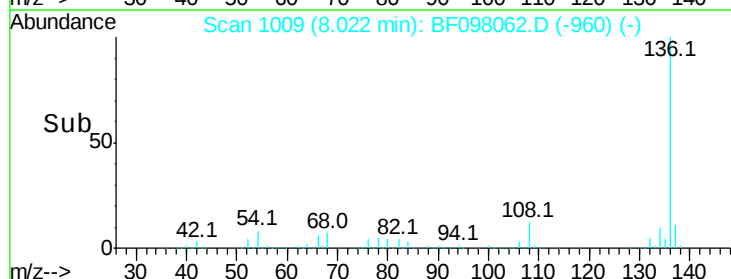


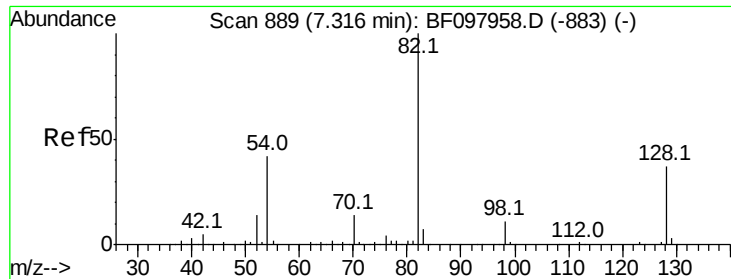
Abundance Ion 136.00 (135.70 to 136.70): E

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

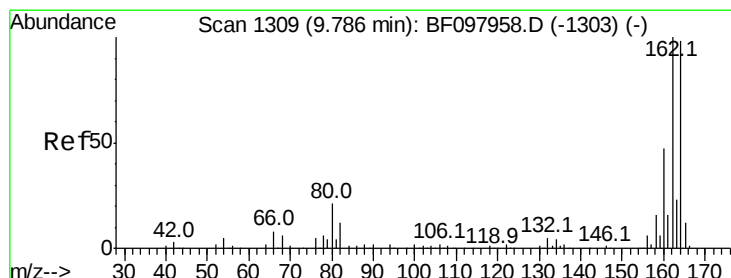
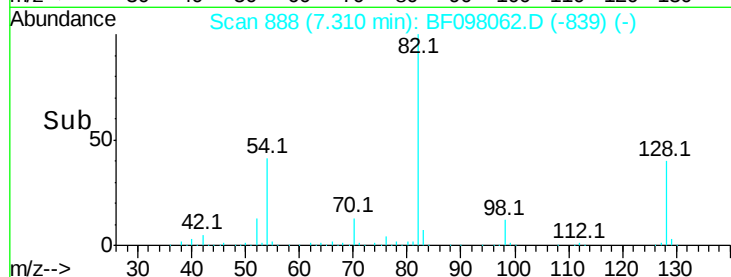
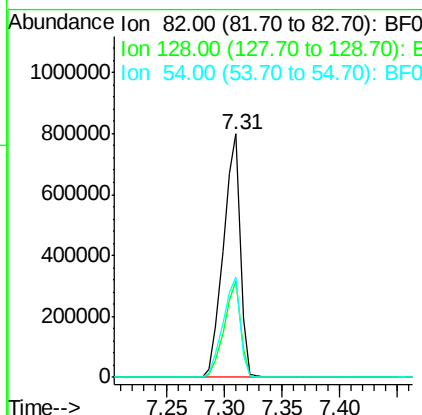
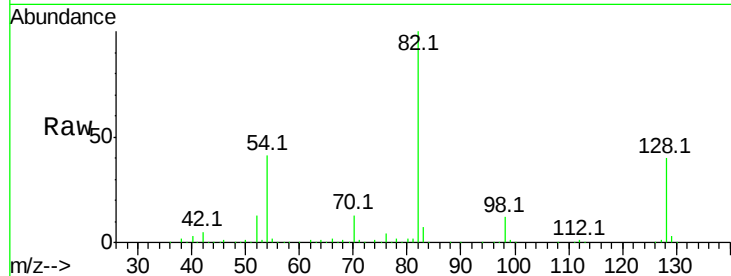




#23
 Nitrobenzene-d5
 Concen: 86.950 ng
 RT: 7.31 min Scan# 888
 Delta R.T. -0.01 min
 Lab File: BF098062.D
 Acq: 28 Aug 2017 12:12

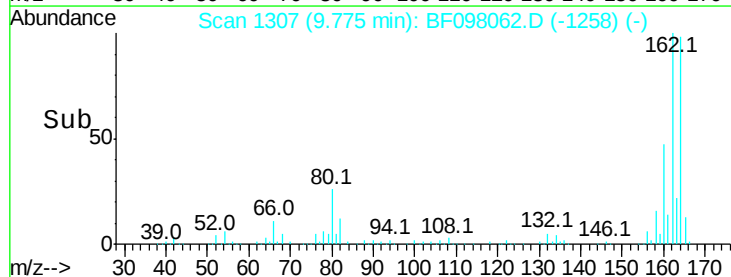
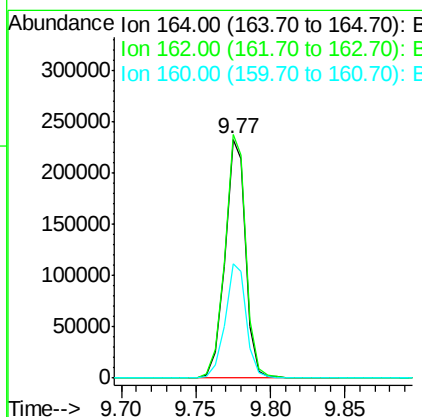
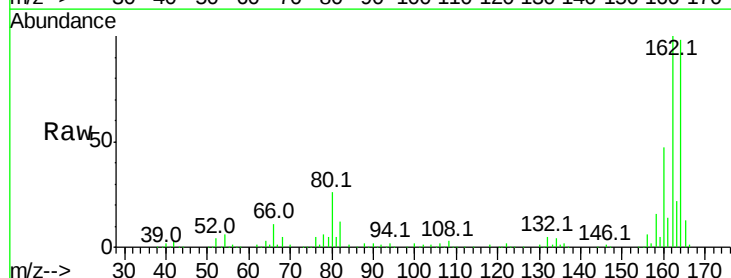
Instrument :
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 ELIZABETH-RO-COMP-B

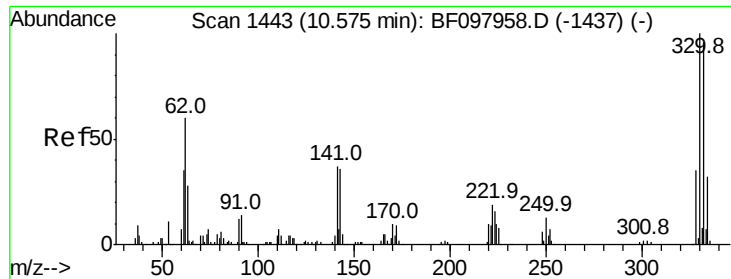
Tot Ion: 82 Resp: 812694
 Ion Ratio Lower Upper
 82 100
 128 39.8 34.0 51.0
 54 41.0 42.2 63.2#



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.77 min Scan# 1307
 Delta R.T. -0.01 min
 Lab File: BF098062.D
 Acq: 28 Aug 2017 12:12

Tgt Ion:164 Resp: 227556
 Ion Ratio Lower Upper
 164 100
 162 102.1 82.6 123.8
 160 48.2 36.2 54.2

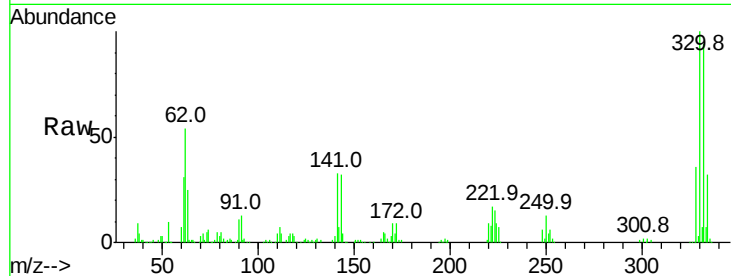




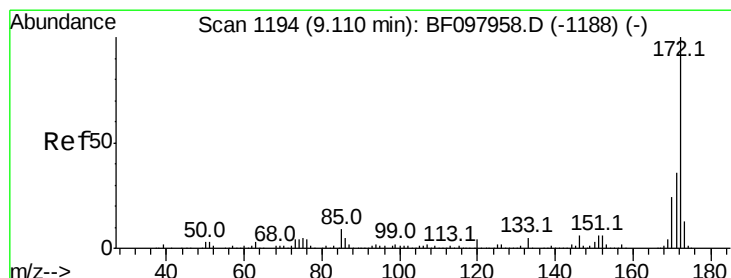
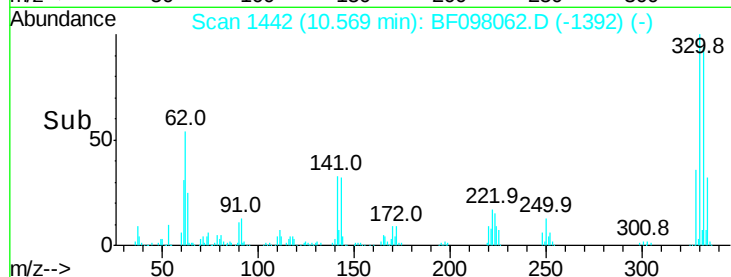
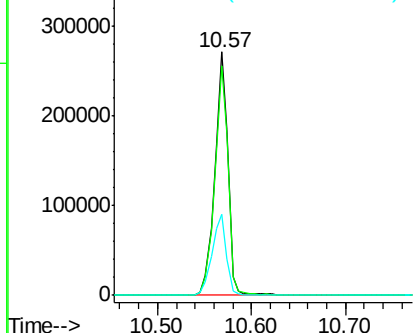
#41
 2,4,6-Tribromophenol
 Concen: 136.379 ng
 RT: 10.57 min Scan# 1442
 Delta R.T. -0.01 min
 Lab File: BF098062.D
 Acq: 28 Aug 2017 12:12

Instrument :
 BNA_F
 ClientSampleId :
 ELIZABETH-RO-COMP-B

Tot Ion:330 Resp: 269270
 Ion Ratio Lower Upper
 330 100
 332 96.1 76.6 115.0
 141 36.1 31.4 47.2

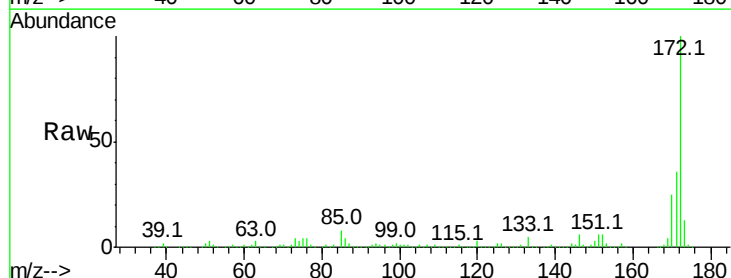


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

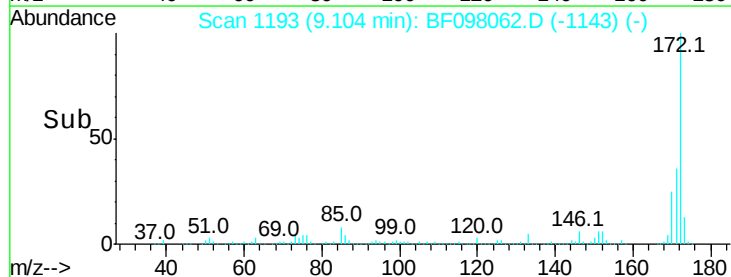
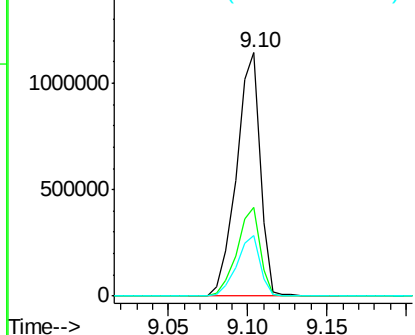


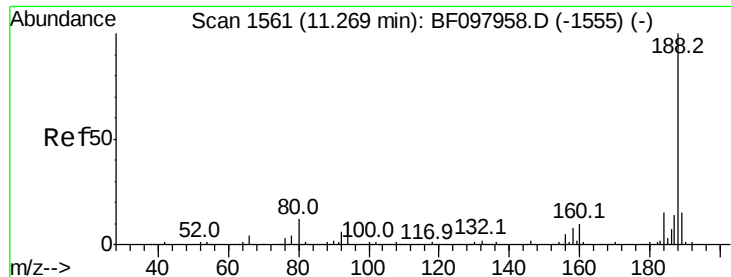
#44
 2-Fluorobiphenyl
 Concen: 76.535 ng
 RT: 9.10 min Scan# 1193
 Delta R.T. -0.01 min
 Lab File: BF098062.D
 Acq: 28 Aug 2017 12:12

Tgt Ion:172 Resp: 1185398
 Ion Ratio Lower Upper
 172 100
 171 36.4 29.6 44.4
 170 24.6 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

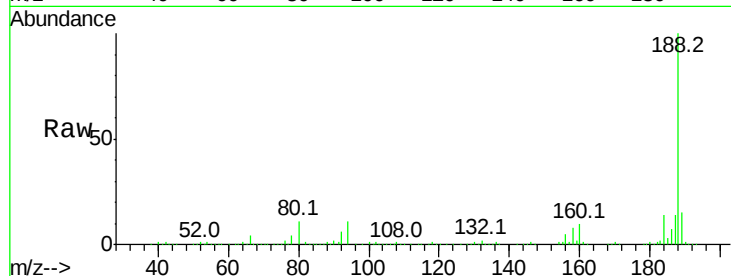




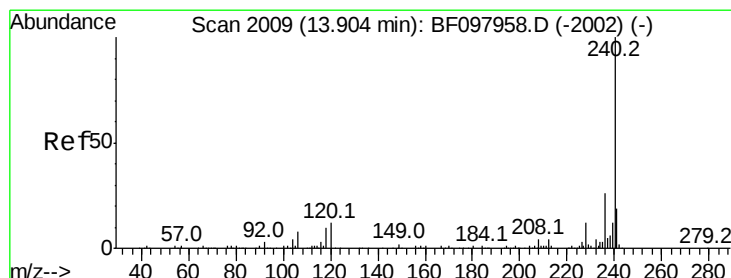
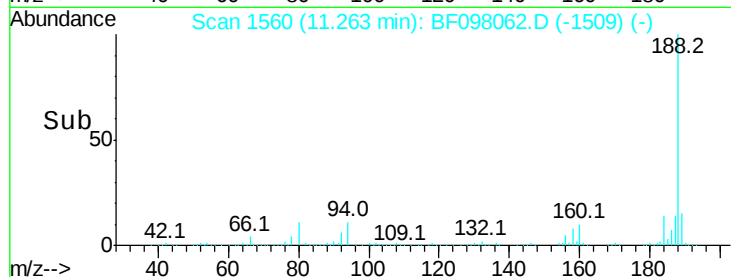
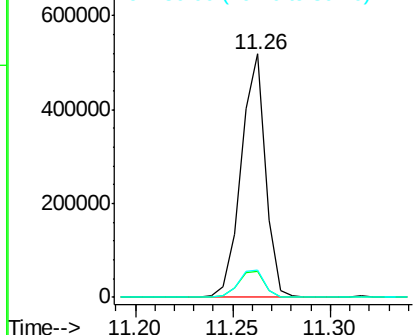
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.26 min Scan# 1560
Delta R.T. 0.00 min
Lab File: BF098062.D
Acq: 28 Aug 2017 12:12

Instrument :
BNA_F
ClientSampleId :
ELIZABETH-RO-COMP-B

Tot Ion:188 Resp: 448531
Ion Ratio Lower Upper
188 100
94 10.7 9.4 14.2
80 11.2 10.2 15.2

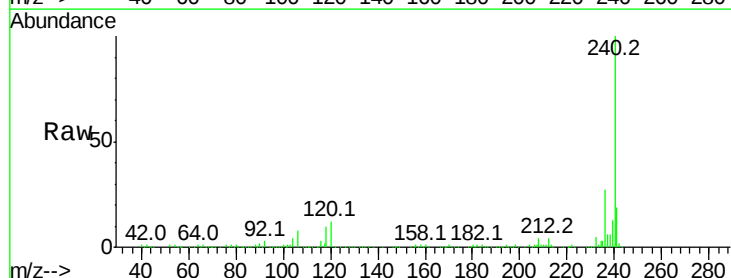


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

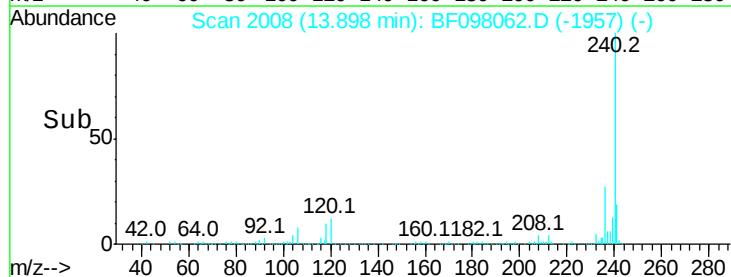
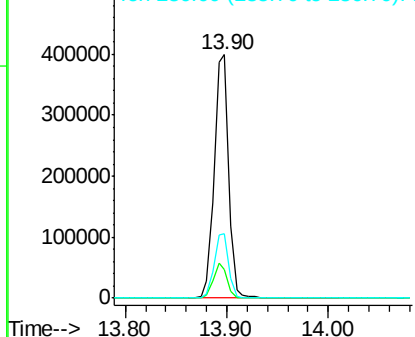


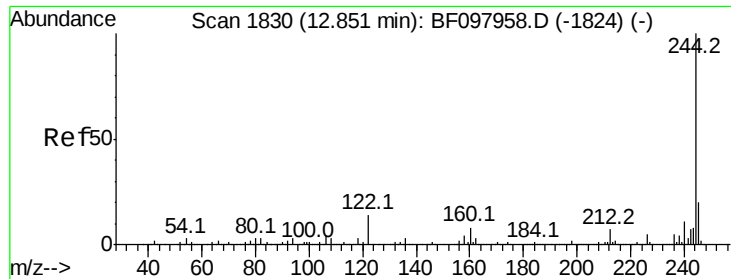
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.90 min Scan# 2008
Delta R.T. 0.00 min
Lab File: BF098062.D
Acq: 28 Aug 2017 12:12

Tgt Ion:240 Resp: 395541
Ion Ratio Lower Upper
240 100
120 11.5 5.8 8.8#
236 26.7 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: 59.968 ng

RT: 12.85 min Scan# 1830

Delta R.T. 0.00 min

Lab File: BF098062.D

Acq: 28 Aug 2017 12:12

Instrument :

BNA_F

ClientSampleId :

ELIZABETH-RO-COMP-B

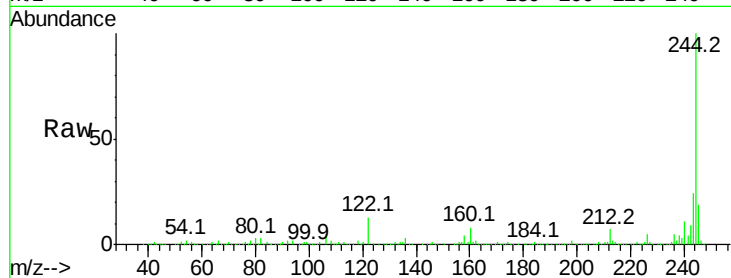
Tot Ion:244 Resp: 1137462

Ion Ratio Lower Upper

244 100

212 7.1 6.0 9.0

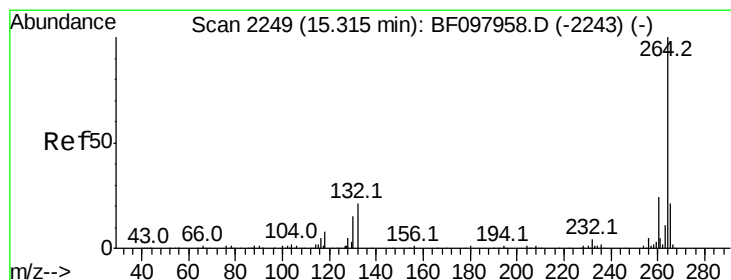
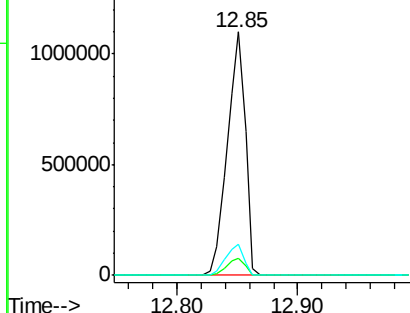
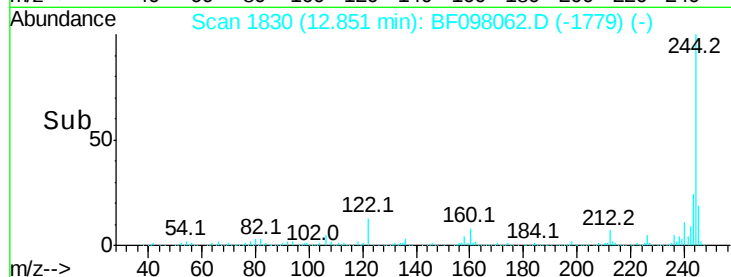
122 12.7 10.3 15.5



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: 15.32 min Scan# 2249

Delta R.T. 0.01 min

Lab File: BF098062.D

Acq: 28 Aug 2017 12:12

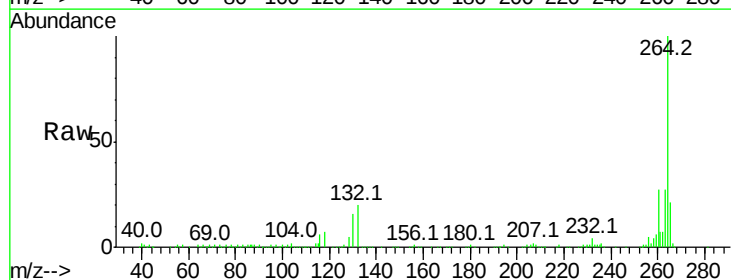
Tgt Ion:264 Resp: 223960

Ion Ratio Lower Upper

264 100

260 26.7 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

