

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101917\
 Data File : BF099667.D
 Acq On : 19 Oct 2017 19:59
 Operator : SJ/JU
 Sample : I5924-03
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BACKFILL-COMP-1RE

Quant Time: Oct 20 13:27:02 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 20 13:11:43 2017
 Response via : Initial Calibration

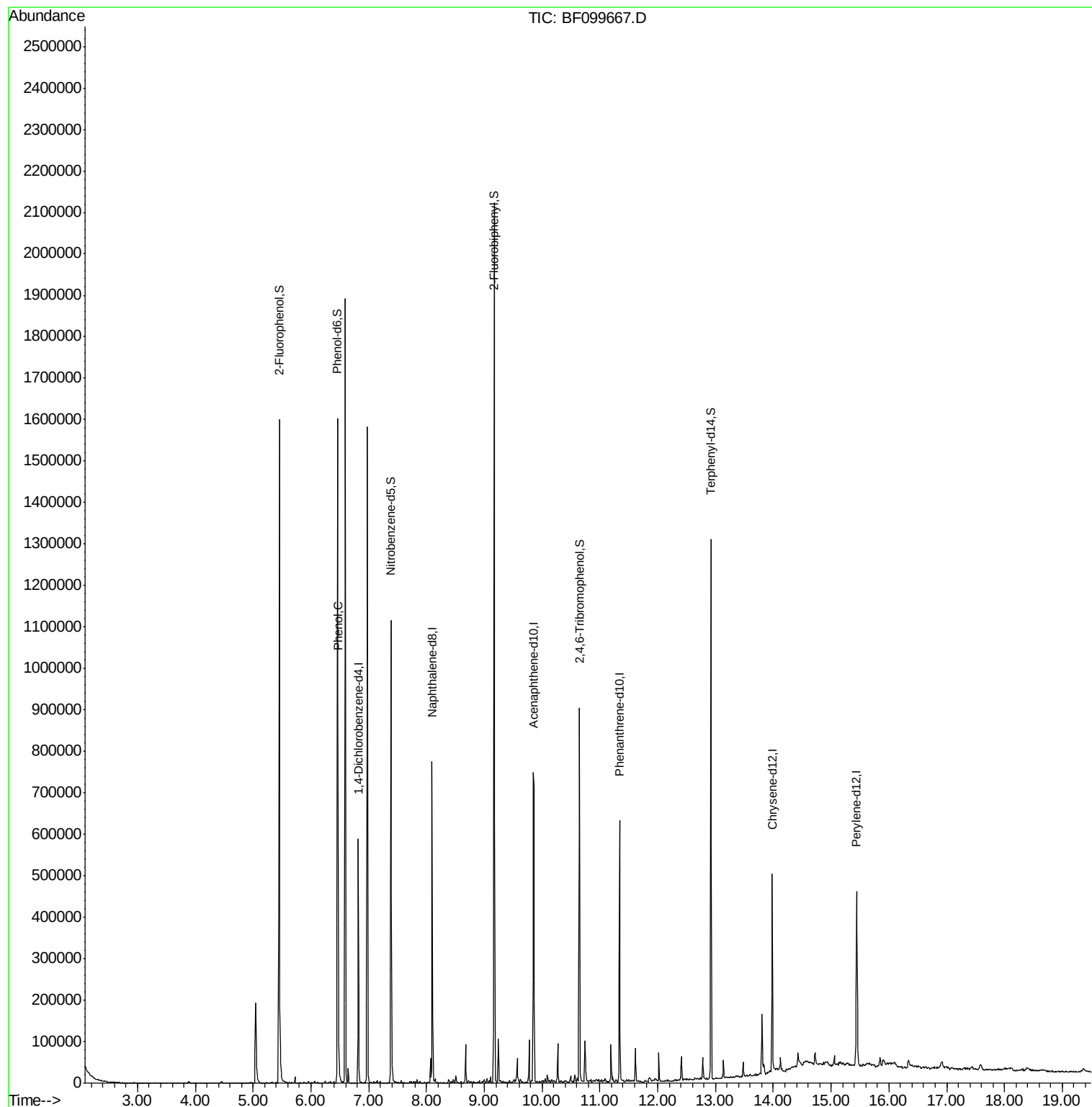
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	93291	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	372592	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	153683	20.00	ng	0.00
63) Phenanthrene-d10	11.34	188	215149	20.00	ng	0.00
75) Chrysene-d12	13.98	240	155639	20.00	ng	0.00
86) Perylene-d12	15.44	264	174888	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	512624	87.47	ng	0.01
7) Phenol-d6	6.46	99	604312	83.59	ng	0.00
23) Nitrobenzene-d5	7.39	82	348805	60.04	ng	0.00
41) 2,4,6-Tribromophenol	10.65	330	98625	78.43	ng	0.00
44) 2-Fluorobiphenyl	9.17	172	664741	72.21	ng	0.00
78) Terphenyl-d14	12.92	244	383342	56.01	ng	0.00
Target Compounds						
10) Phenol	6.47	94	28240	3.493	ng	Qvalue 97

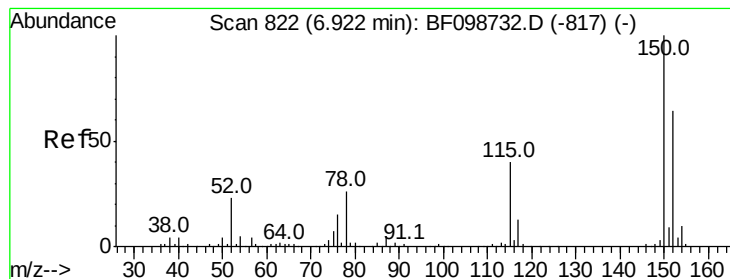
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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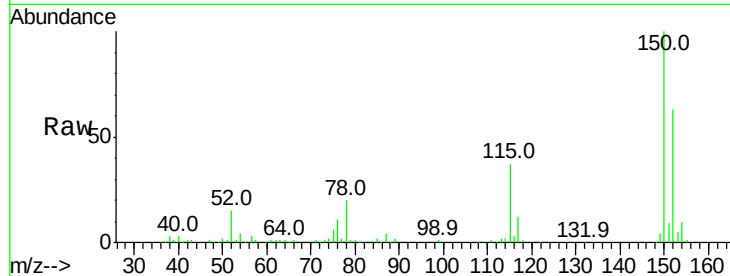


#1

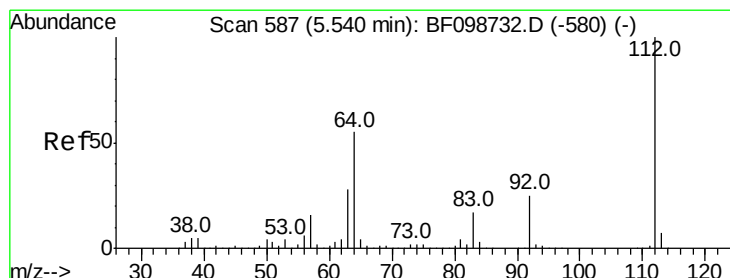
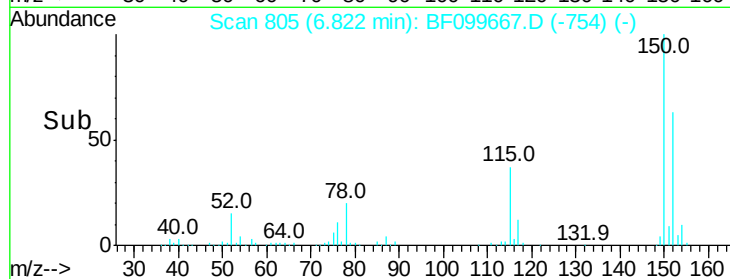
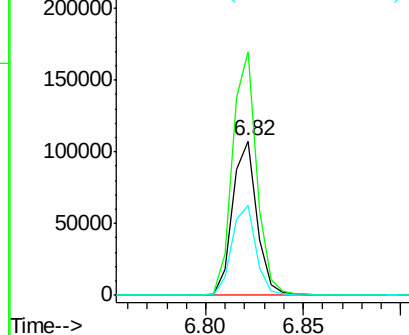
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 805
Delta R.T. -0.00 min
Lab File: BF099667.D
Acq: 19 Oct 2017 19:59

Instrument :
BNA_F
ClientSampleId :
BACKFILL-COMP-1RE

Tot Ion:152 Resp: 93291
Ion Ratio Lower Upper
152 100
150 157.6 124.6 186.8
115 57.9 50.1 75.1



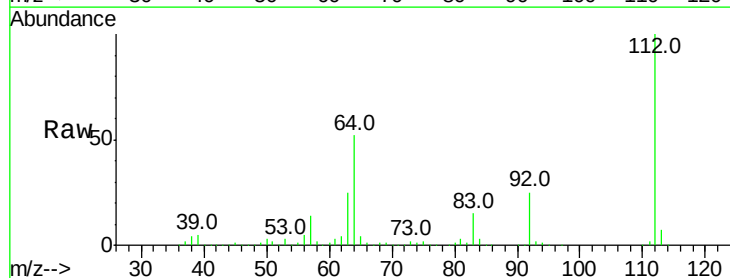
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



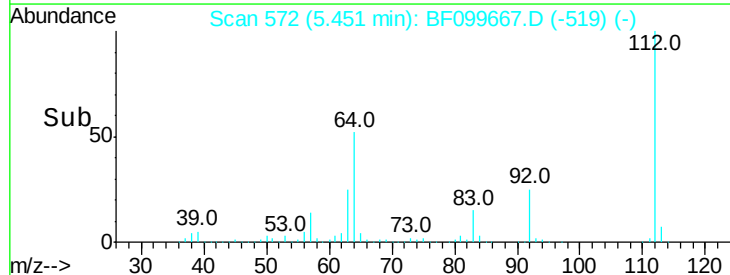
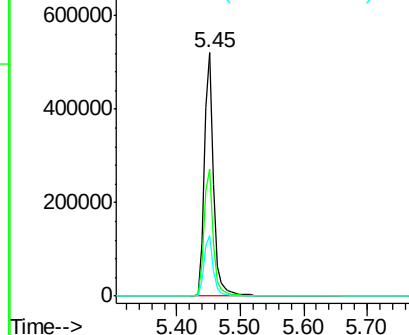
#5

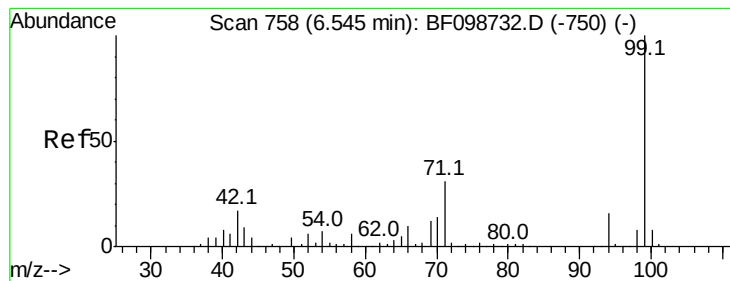
2-Fluorophenol
Concen: 87.473 ng
RT: 5.45 min Scan# 572
Delta R.T. 0.01 min
Lab File: BF099667.D
Acq: 19 Oct 2017 19:59

Tgt Ion:112 Resp: 512624
Ion Ratio Lower Upper
112 100
64 52.2 47.9 71.9
63 25.1 23.7 35.5



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: 83.591 ng

RT: 6.46 min Scan# 744

Delta R.T. -0.00 min

Lab File: BF099667.D

Acq: 19 Oct 2017 19:59

Instrument :

BNA_F

ClientSampleId :

BACKFILL-COMP-1RE

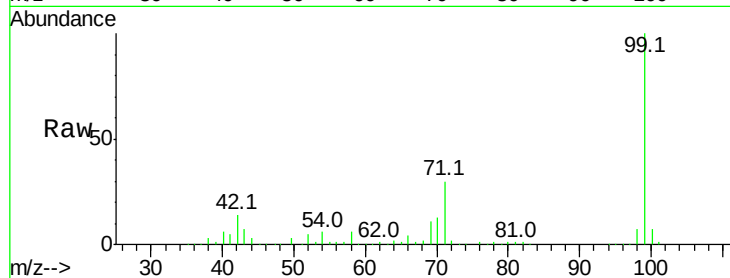
Tot Ion: 99 Resp: 604312

Ion Ratio Lower Upper

99 100

42 14.3 14.5 21.7#

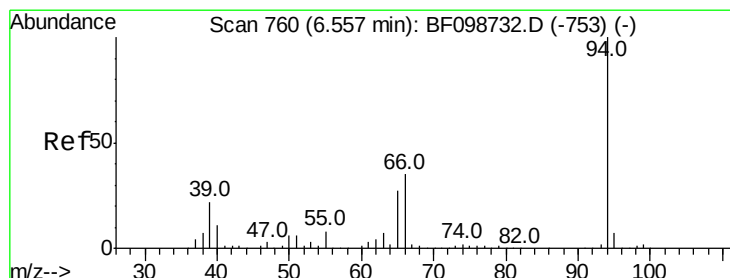
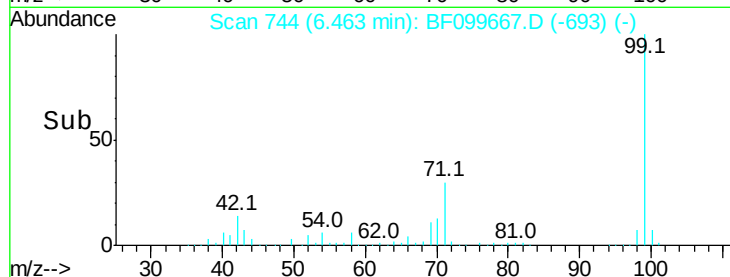
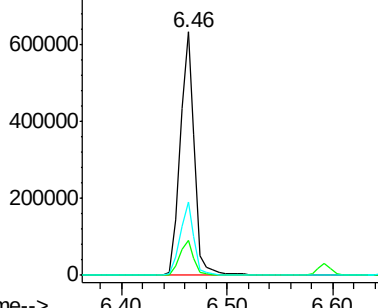
71 30.0 25.4 38.0



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: 3.493 ng

RT: 6.47 min Scan# 746

Delta R.T. -0.01 min

Lab File: BF099667.D

Acq: 19 Oct 2017 19:59

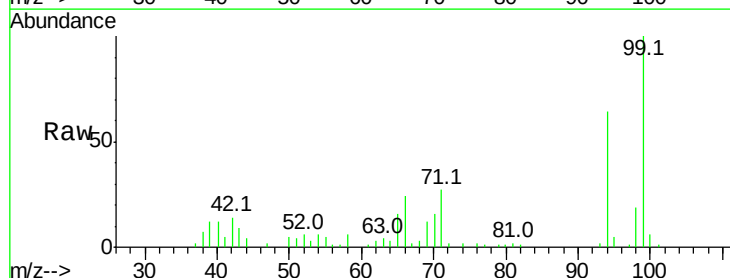
Tgt Ion: 94 Resp: 28240

Ion Ratio Lower Upper

94 100

65 25.1 7.9 47.9

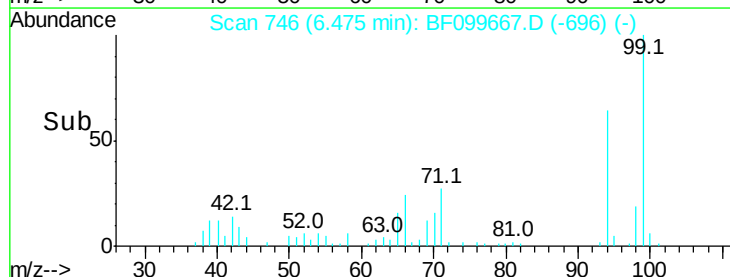
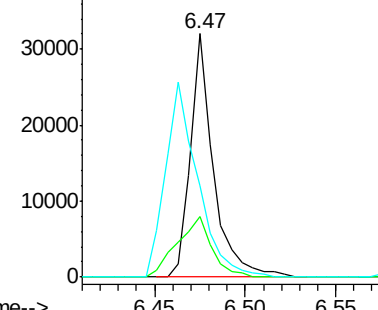
66 37.3 16.2 56.2

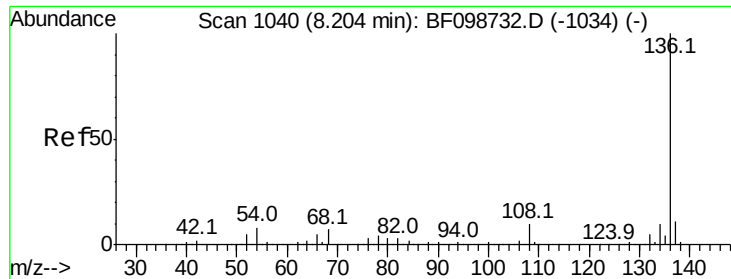


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

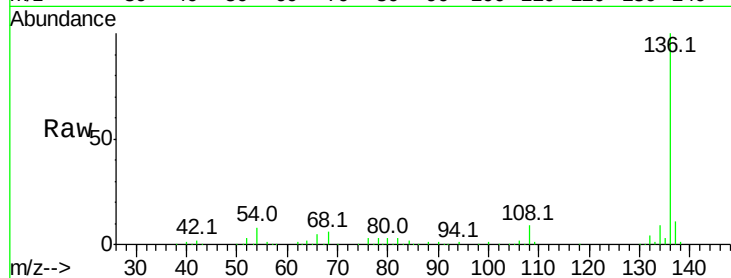




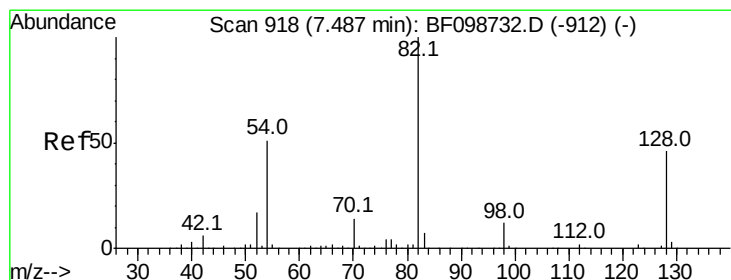
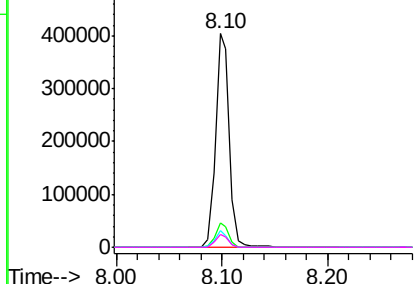
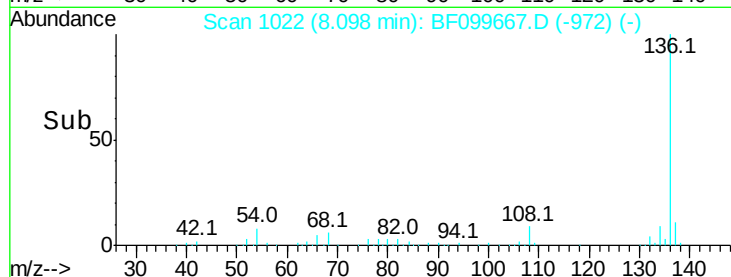
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.10 min Scan# 1022
Delta R.T. -0.01 min
Lab File: BF099667.D
Acq: 19 Oct 2017 19:59

Instrument :
BNA_F
ClientSampleId :
BACKFILL-COMP-1RE

Tot Ion:	136	Resp:	372592
Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.9	13.3
54	7.5	6.6	9.8
68	6.3	5.0	7.4

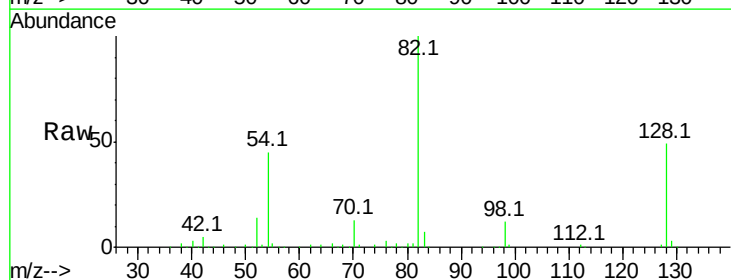


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

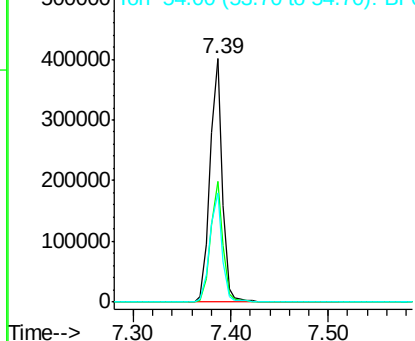
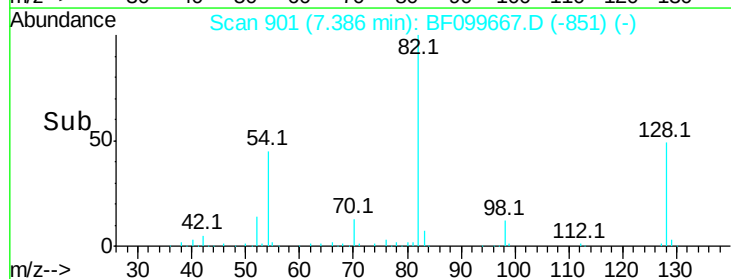


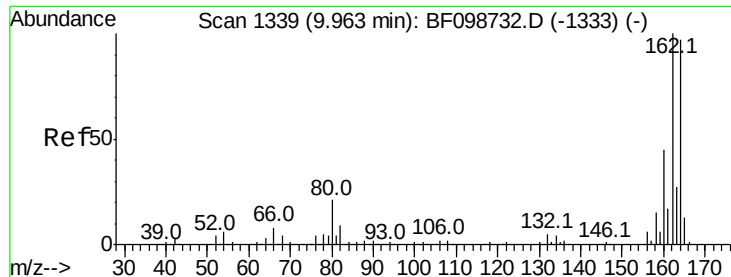
#23
Nitrobenzene-d5
Concen: 60.036 ng
RT: 7.39 min Scan# 901
Delta R.T. -0.01 min
Lab File: BF099667.D
Acq: 19 Oct 2017 19:59

Tgt Ion:	82	Resp:	348805
Ion	Ratio	Lower	Upper
82	100		
128	49.4	36.1	54.1
54	44.6	41.4	62.2



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

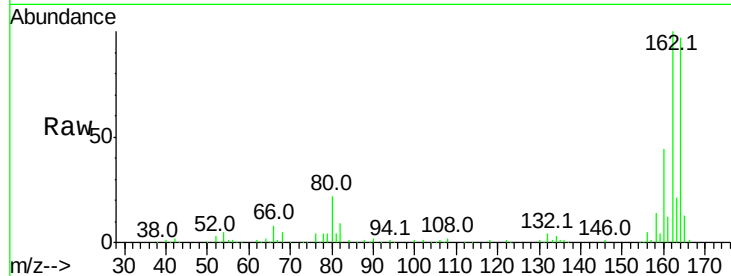




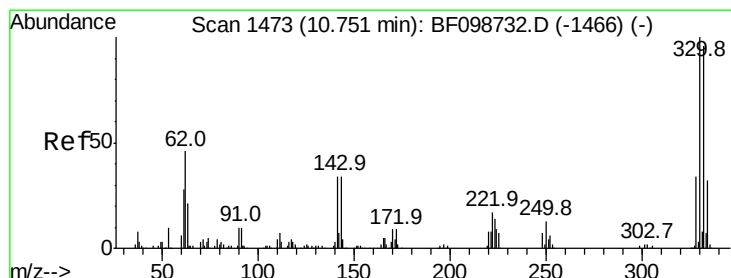
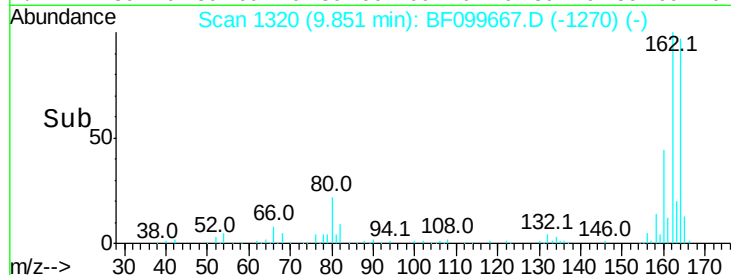
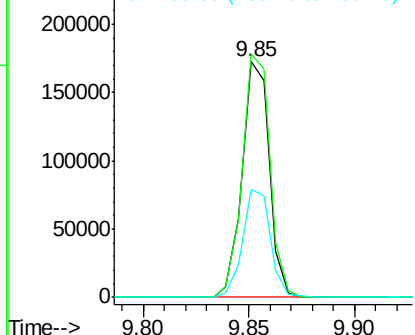
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.85 min Scan# 1320
 Delta R.T. -0.01 min
 Lab File: BF099667.D
 Acq: 19 Oct 2017 19:59

Instrument :
 BNA_F
 ClientSampleId :
 BACKFILL-COMP-1RE

Tot Ion:164 Resp: 153683
 Ion Ratio Lower Upper
 164 100
 162 103.3 86.1 129.1
 160 45.6 38.3 57.5

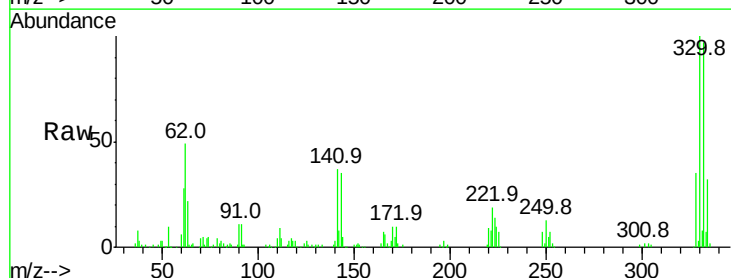


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

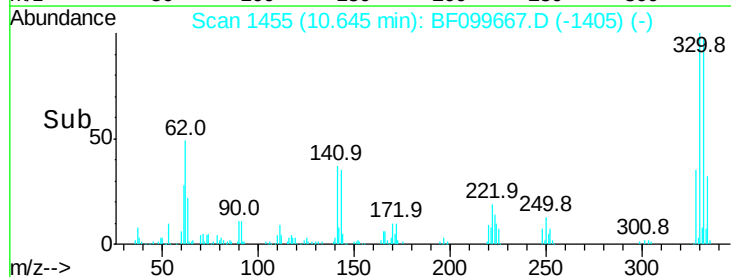
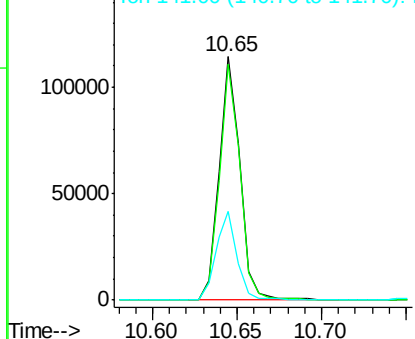


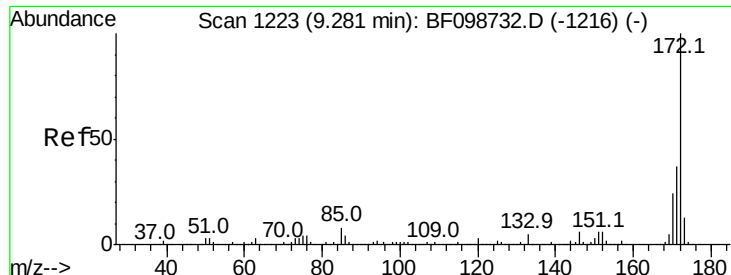
#41
 2,4,6-Tribromophenol
 Concen: 78.427 ng
 RT: 10.65 min Scan# 1455
 Delta R.T. -0.01 min
 Lab File: BF099667.D
 Acq: 19 Oct 2017 19:59

Tgt Ion:330 Resp: 98625
 Ion Ratio Lower Upper
 330 100
 332 96.6 77.0 115.6
 141 37.1 29.9 44.9



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

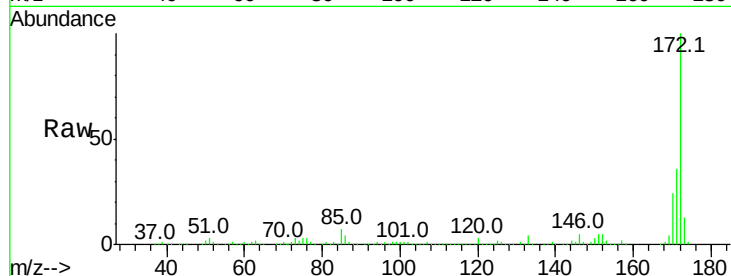




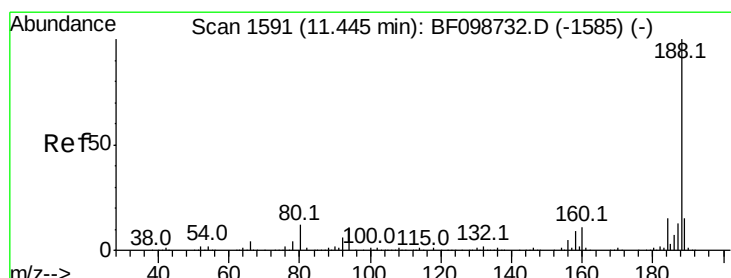
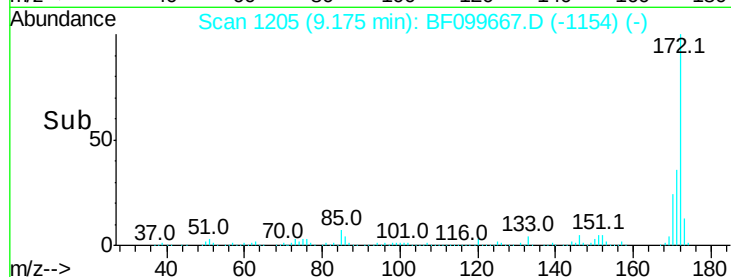
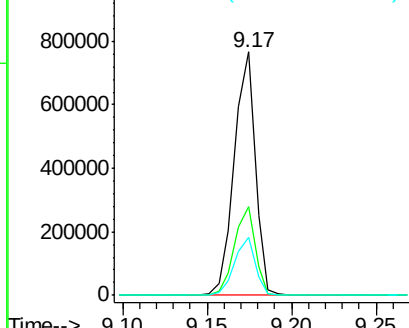
#44
 2-Fluorobiphenyl
 Concen: 72.209 ng
 RT: 9.17 min Scan# 1205
 Delta R.T. -0.00 min
 Lab File: BF099667.D
 Acq: 19 Oct 2017 19:59

Instrument :
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 ClientSampleId :
 BACKFILL-COMP-1RE

Tot Ion:172 Resp: 664741
 Ion Ratio Lower Upper
 172 100
 171 36.3 29.7 44.5
 170 23.6 19.6 29.4

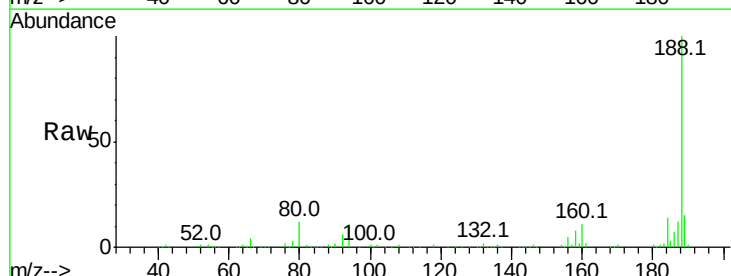


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

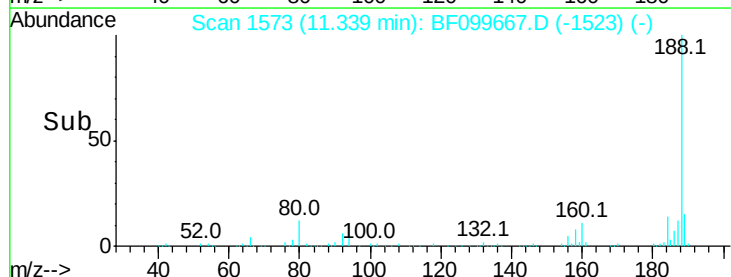
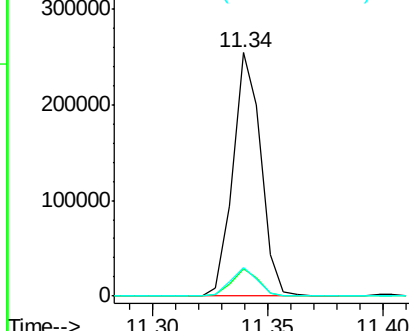


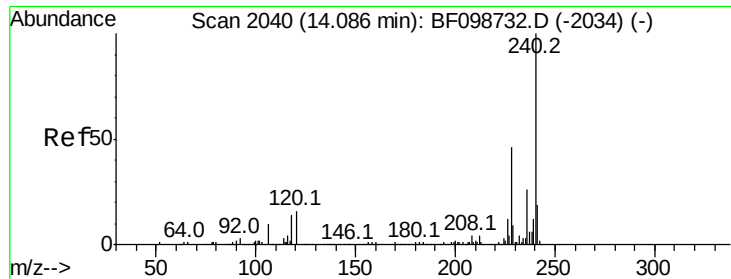
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.34 min Scan# 1573
 Delta R.T. -0.01 min
 Lab File: BF099667.D
 Acq: 19 Oct 2017 19:59

Tgt Ion:188 Resp: 215149
 Ion Ratio Lower Upper
 188 100
 94 11.1 8.5 12.7
 80 11.5 9.2 13.8



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: 13.98 min Scan# 2022

Delta R.T. -0.01 min

Lab File: BF099667.D

Acq: 19 Oct 2017 19:59

Instrument :

BNA_F

ClientSampleId :

BACKFILL-COMP-1RE

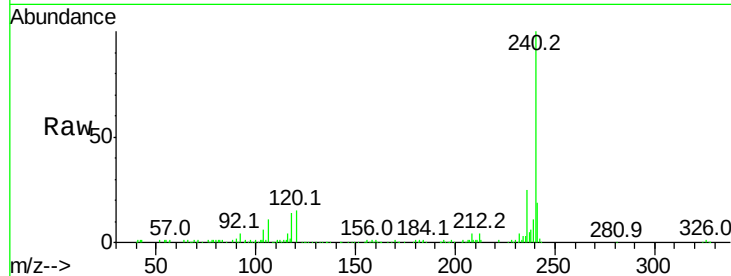
Tot Ion:240 Resp: 155639

Ion Ratio Lower Upper

240 100

120 15.1 9.5 14.3#

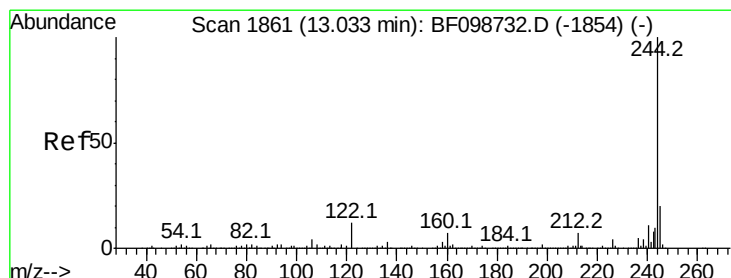
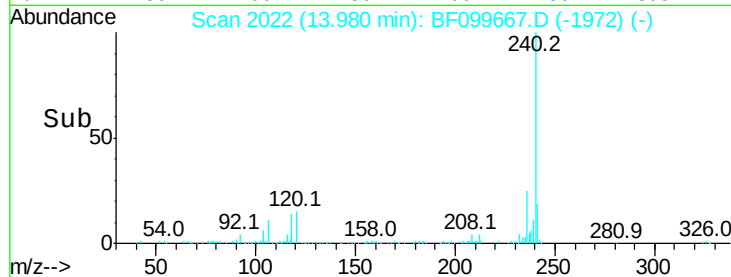
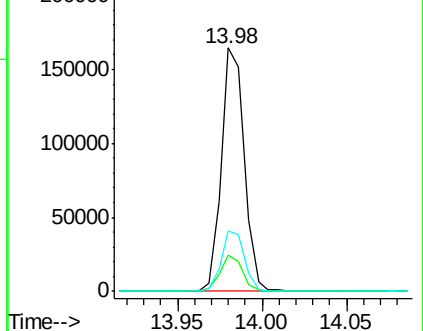
236 25.1 20.7 31.1



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: 56.014 ng

RT: 12.92 min Scan# 1842

Delta R.T. -0.00 min

Lab File: BF099667.D

Acq: 19 Oct 2017 19:59

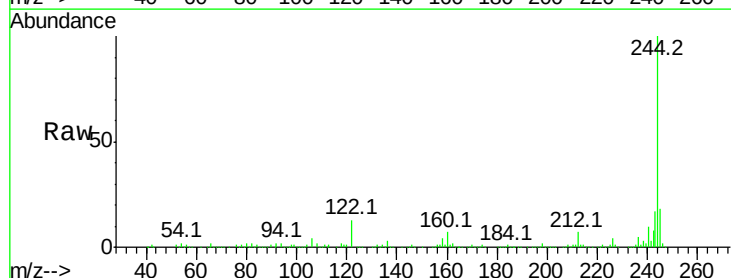
Tgt Ion:244 Resp: 383342

Ion Ratio Lower Upper

244 100

212 6.7 5.4 8.0

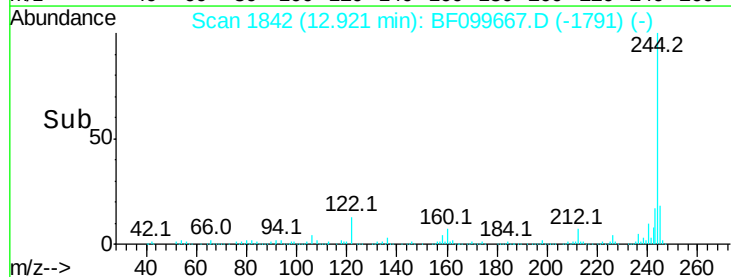
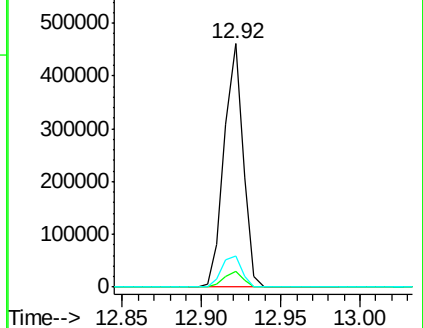
122 12.9 11.0 16.4

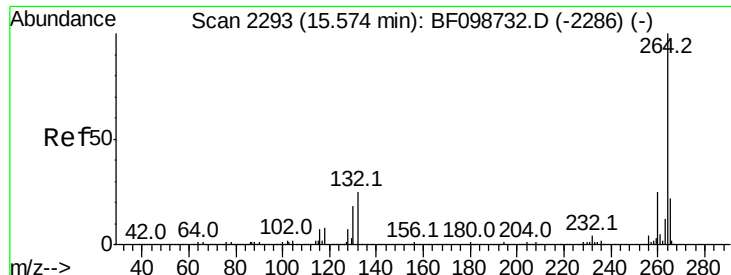


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

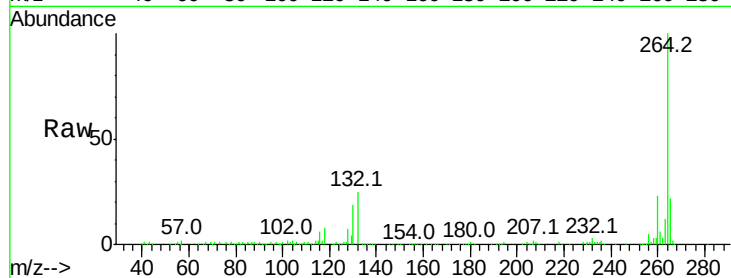




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.44 min Scan# 2271
 Delta R.T. 0.01 min
 Lab File: BF099667.D
 Acq: 19 Oct 2017 19:59

Instrument :
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 ClientSampleId :
 BACKFILL-COMP-1RE

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.2	28.8
265	22.4	17.5	26.3



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

