

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101817\
 Data File : BF099643.D
 Acq On : 19 Oct 2017 3:14
 Operator : SJ/JU
 Sample : I5924-03
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BACKFILL-COMP-1

Quant Time: Oct 19 17:13:30 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 18 22:24:53 2017
 Response via : Initial Calibration

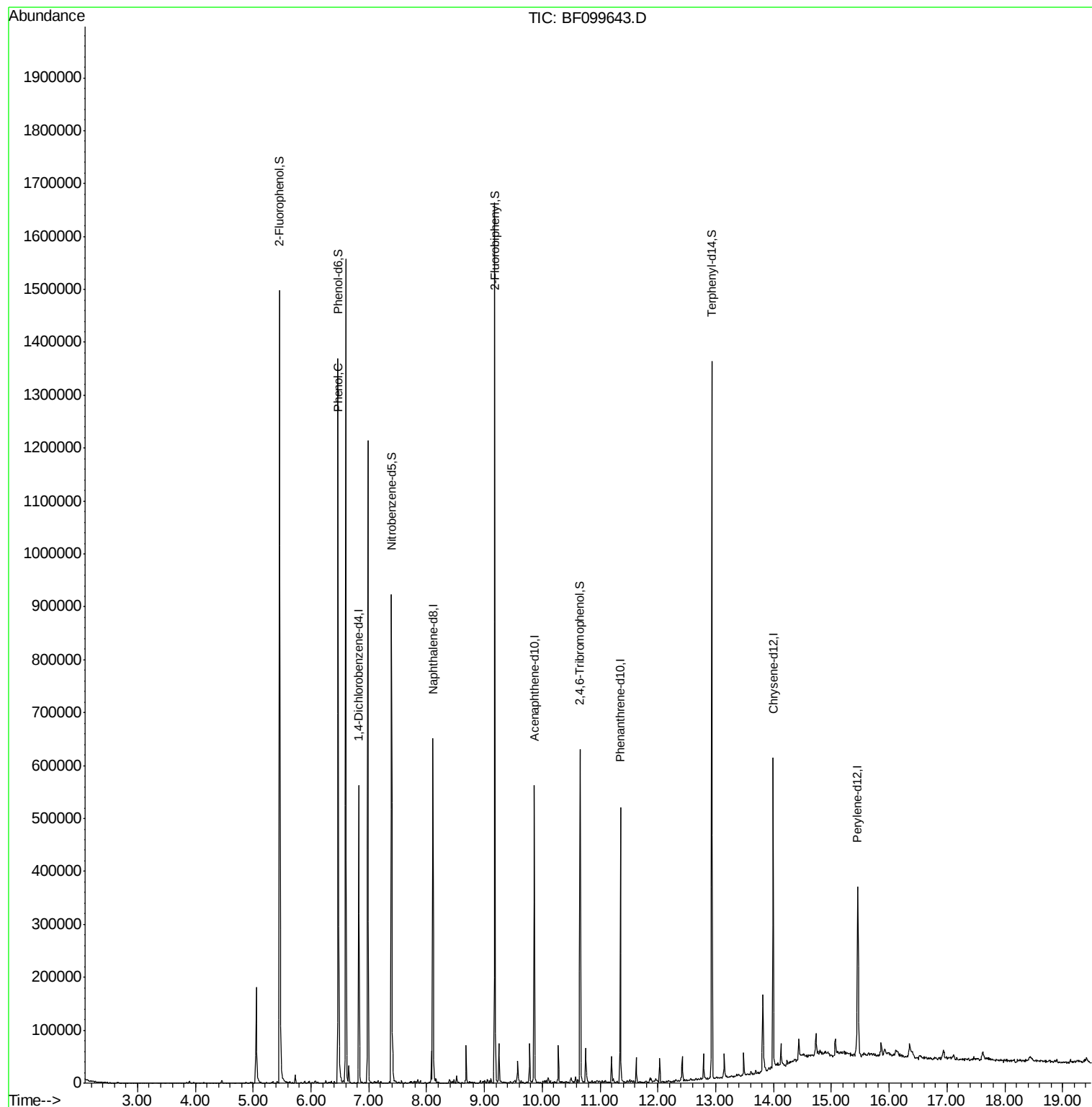
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	81259	20.00	ng	0.00
21) Naphthalene-d8	8.11	136	290924	20.00	ng	0.00
38) Acenaphthene-d10	9.86	164	103165	20.00	ng	0.00
63) Phenanthrene-d10	11.35	188	171363	20.00	ng	0.00
75) Chrysene-d12	13.99	240	179043	20.00	ng	0.00
86) Perylene-d12	15.46	264	138165	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	465784	91.25	ng	0.00
7) Phenol-d6	6.47	99	526829	83.66	ng	-0.01
23) Nitrobenzene-d5	7.39	82	281076	61.96	ng	0.00
41) 2,4,6-Tribromophenol	10.66	330	76850	91.04	ng	0.00
44) 2-Fluorobiphenyl	9.18	172	491853	79.59	ng	0.00
78) Terphenyl-d14	12.93	244	415309	52.75	ng	0.00
Target Compounds						
10) Phenol	6.48	94	23507	3.338	ng	Qvalue 91

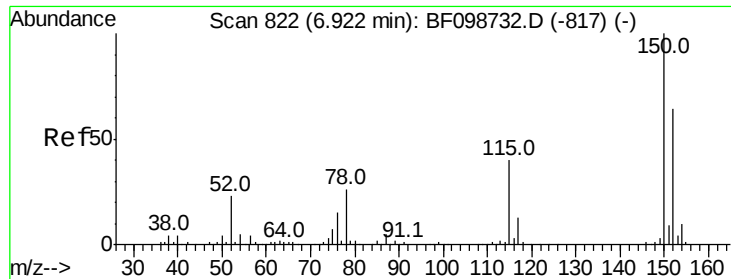
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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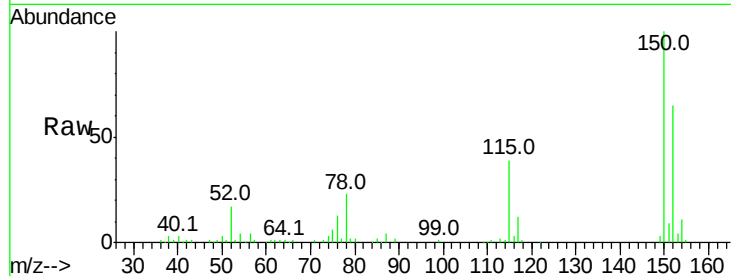


#1

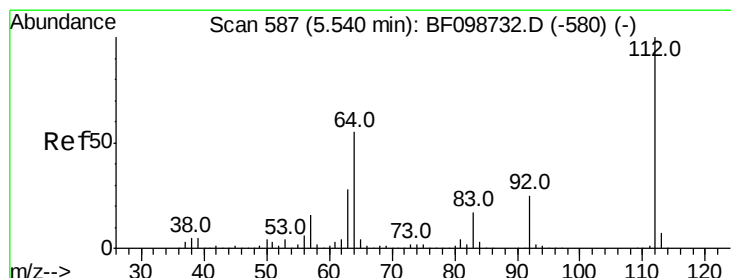
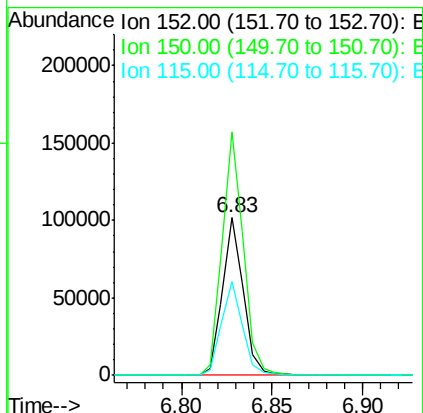
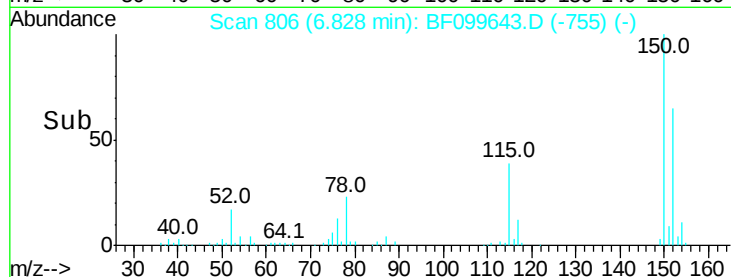
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.83 min Scan# 806
 Delta R.T. 0.00 min
 Lab File: BF099643.D
 Acq: 19 Oct 2017 3:14

Instrument :
 BNA_F
 ClientSampleId :
 BACKFILL-COMP-1

Tot Ion:152 Resp: 81259
 Ion Ratio Lower Upper
 152 100
 150 154.5 124.6 186.8
 115 59.9 50.1 75.1



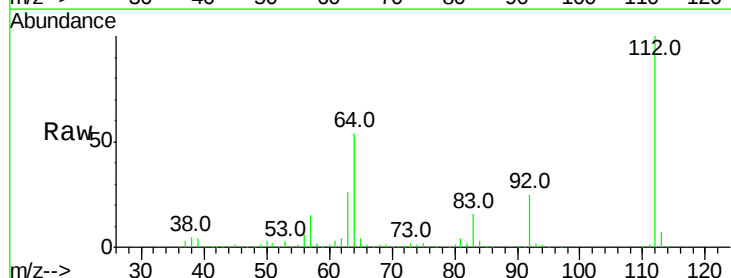
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



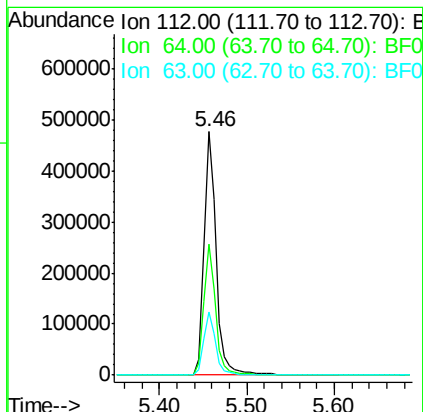
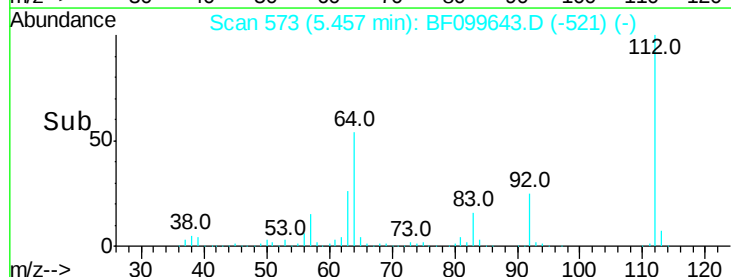
#5

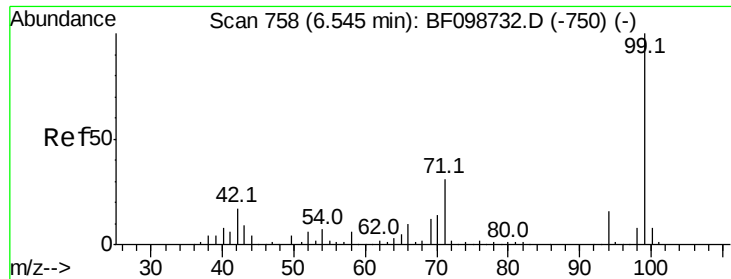
2-Fluorophenol
 Concen: 91.249 ng
 RT: 5.46 min Scan# 573
 Delta R.T. 0.01 min
 Lab File: BF099643.D
 Acq: 19 Oct 2017 3:14

Tgt Ion:112 Resp: 465784
 Ion Ratio Lower Upper
 112 100
 64 53.9 47.9 71.9
 63 26.2 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: 83.663 ng

RT: 6.47 min Scan# 745

Delta R.T. -0.01 min

Lab File: BF099643.D

Acq: 19 Oct 2017 3:14

Instrument :

BNA_F

ClientSampleId :

BACKFILL-COMP-1

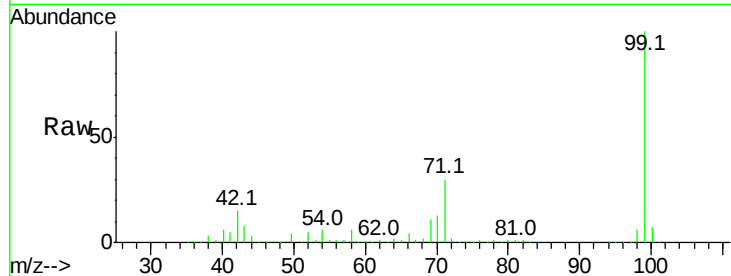
Tot Ion: 99 Resp: 526829

Ion Ratio Lower Upper

99 100

42 15.4 14.5 21.7

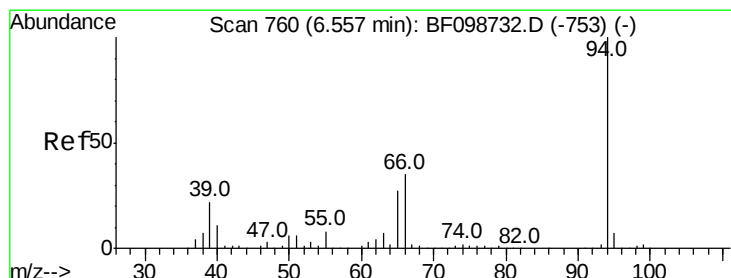
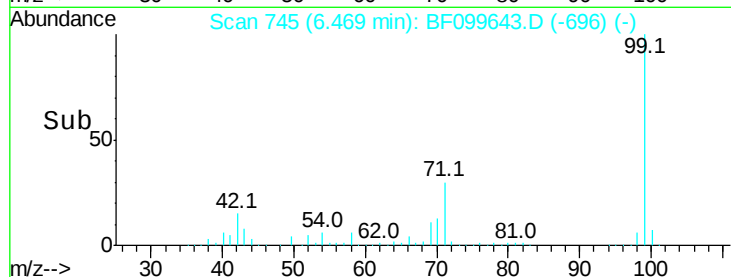
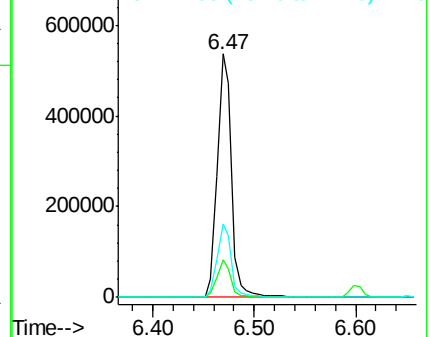
71 30.3 25.4 38.0



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: 3.338 ng

RT: 6.48 min Scan# 747

Delta R.T. -0.01 min

Lab File: BF099643.D

Acq: 19 Oct 2017 3:14

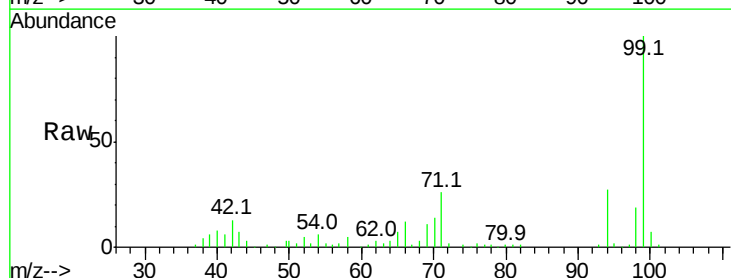
Tgt Ion: 94 Resp: 23507

Ion Ratio Lower Upper

94 100

65 27.6 7.9 47.9

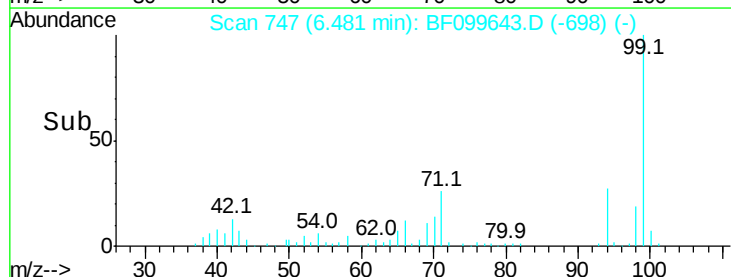
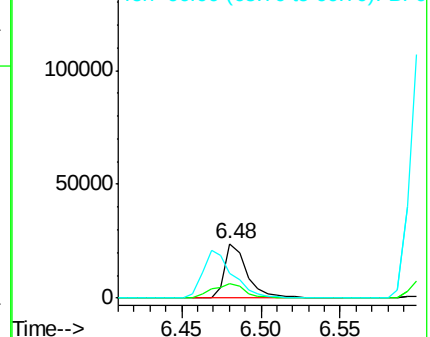
66 45.8 16.2 56.2

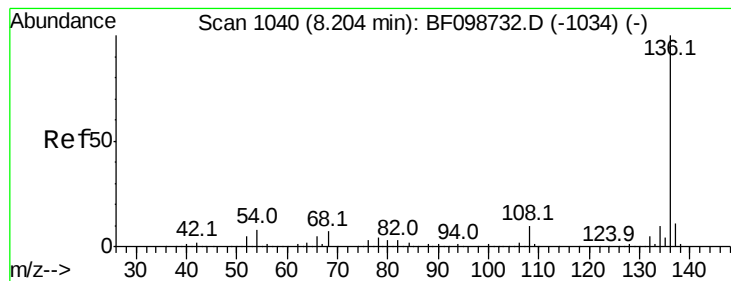


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

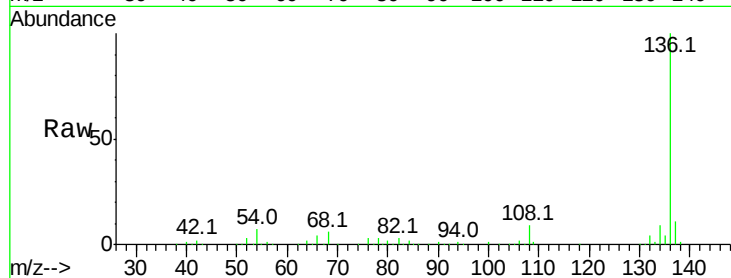




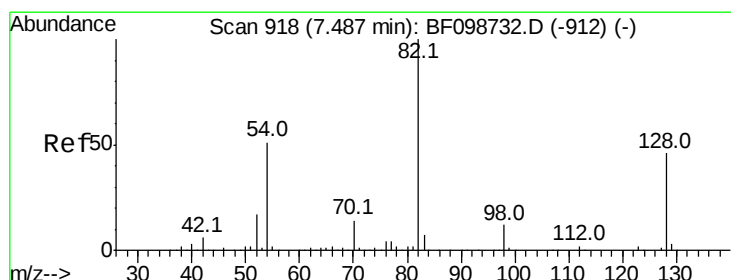
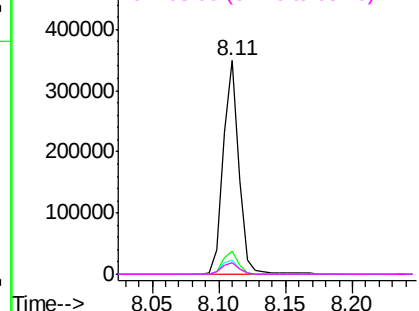
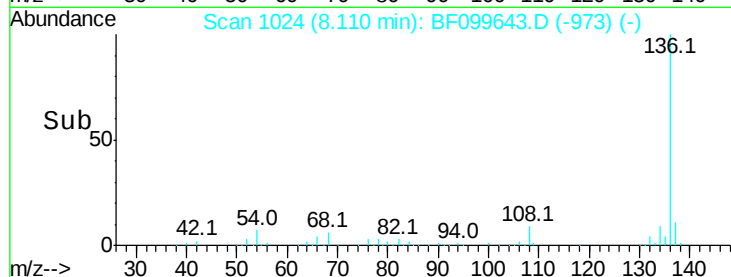
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.11 min Scan# 1024
Delta R.T. 0.00 min
Lab File: BF099643.D
Acq: 19 Oct 2017 3:14

Instrument :
BNA_F
ClientSampleId :
BACKFILL-COMP-1

Tot Ion:	136	Resp:	290924
Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.9	13.3
54	6.7	6.6	9.8
68	5.5	5.0	7.4

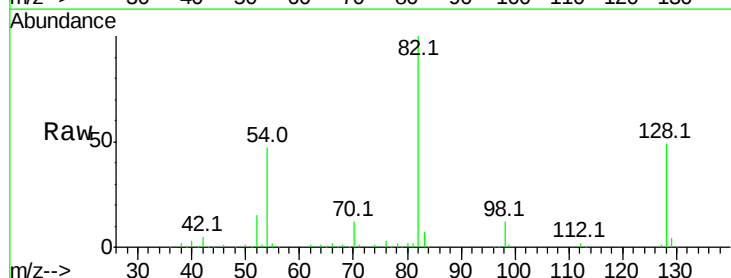


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

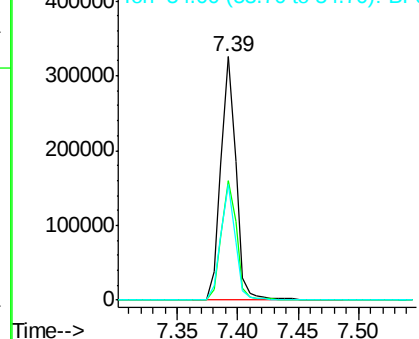
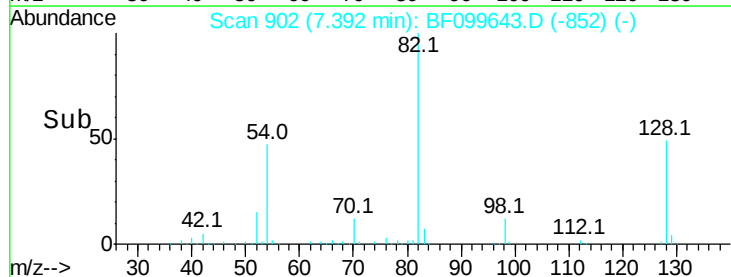


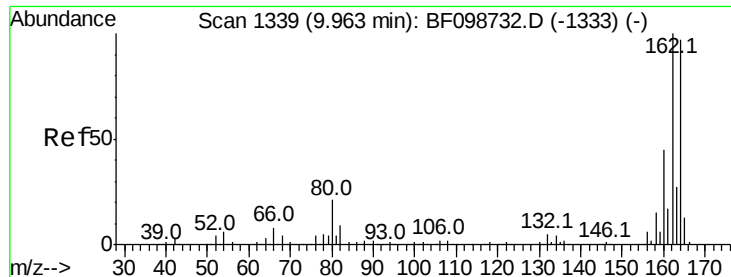
#23
Nitrobenzene-d5
Concen: 61.959 ng
RT: 7.39 min Scan# 902
Delta R.T. -0.01 min
Lab File: BF099643.D
Acq: 19 Oct 2017 3:14

Tgt Ion:	82	Resp:	281076
Ion	Ratio	Lower	Upper
82	100		
128	49.1	36.1	54.1
54	47.2	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

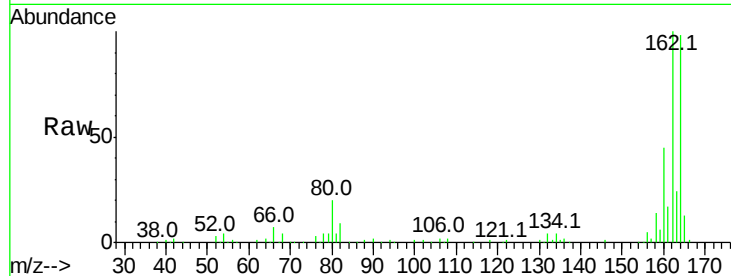




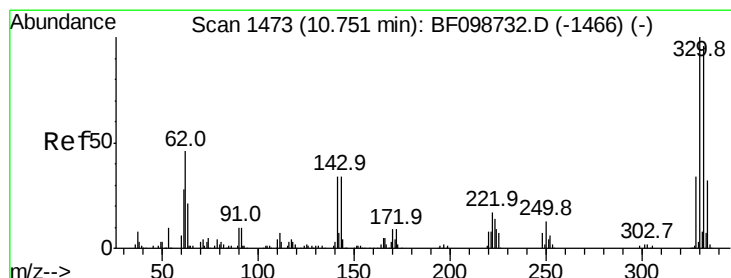
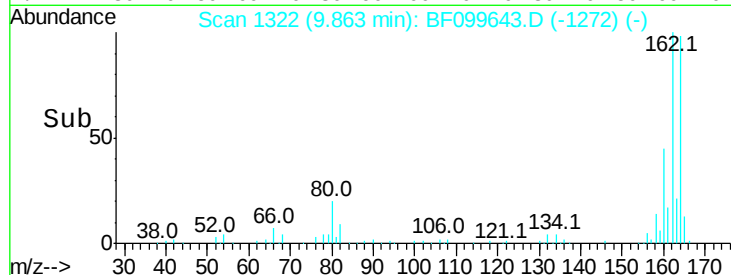
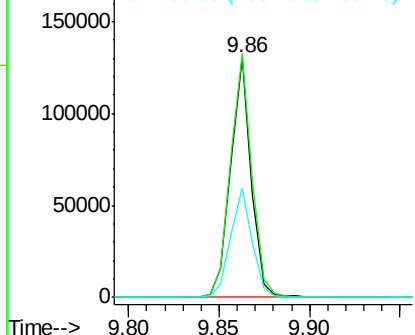
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.86 min Scan# 1322
Delta R.T. -0.01 min
Lab File: BF099643.D
Acq: 19 Oct 2017 3:14

Instrument :
BNA_F
ClientSampleId :
BACKFILL-COMP-1

Tot Ion:164 Resp: 103165
Ion Ratio Lower Upper
164 100
162 101.8 86.1 129.1
160 45.6 38.3 57.5

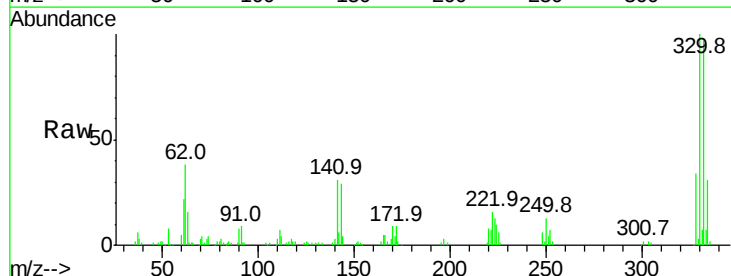


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

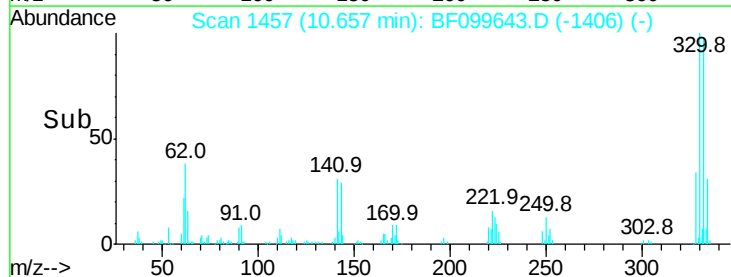
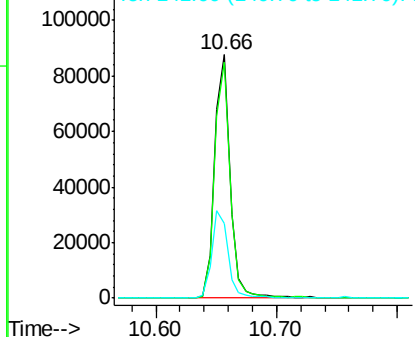


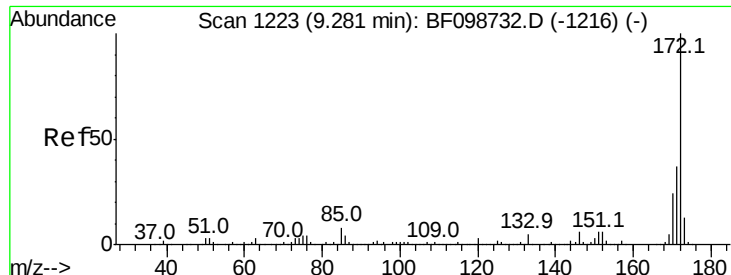
#41
2,4,6-Tribromophenol
Concen: 91.036 ng
RT: 10.66 min Scan# 1457
Delta R.T. 0.00 min
Lab File: BF099643.D
Acq: 19 Oct 2017 3:14

Tgt Ion:330 Resp: 76850
Ion Ratio Lower Upper
330 100
332 96.6 77.0 115.6
141 37.7 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

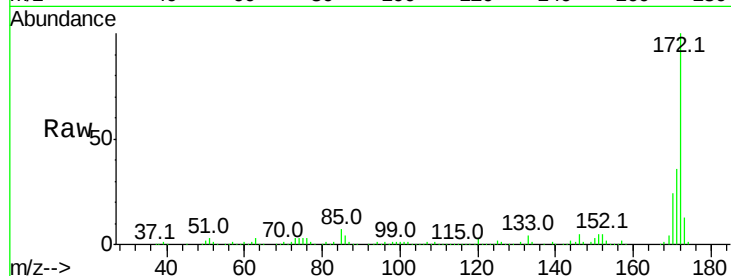




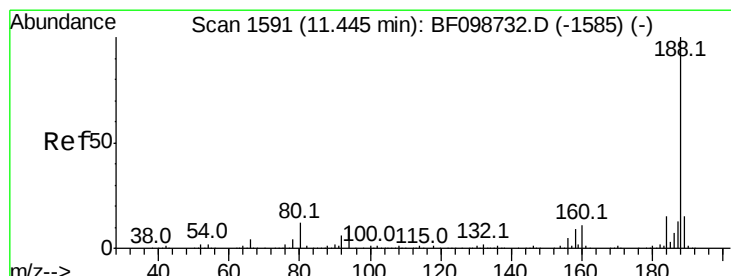
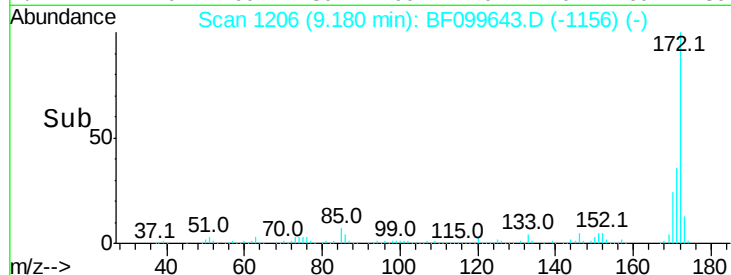
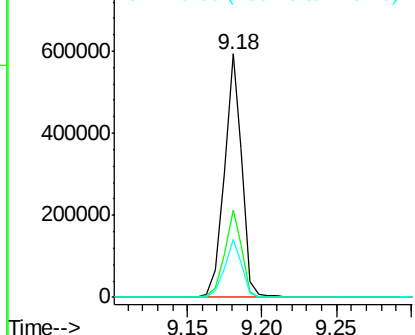
#44
 2-Fluorobiphenyl
 Concen: 79.592 ng
 RT: 9.18 min Scan# 1206
 Delta R.T. -0.01 min
 Lab File: BF099643.D
 Acq: 19 Oct 2017 3:14

Instrument :
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 ClientSampleId :
 BACKFILL-COMP-1

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.7	44.5
170	23.9	19.6	29.4

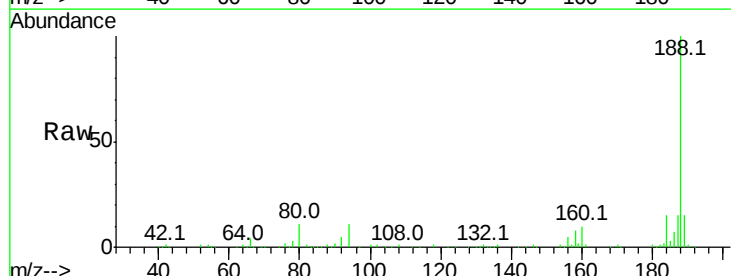


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

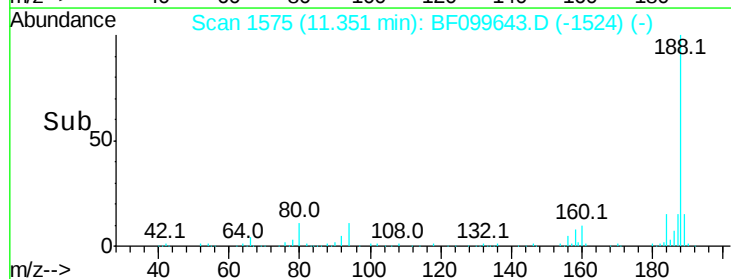
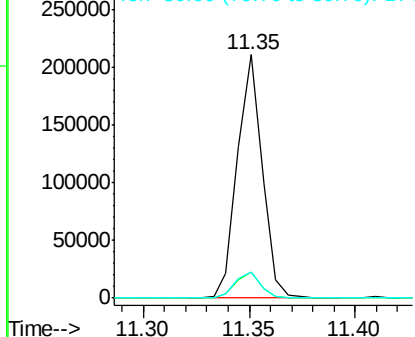


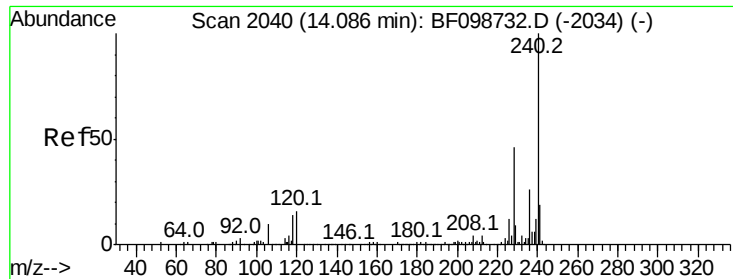
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.35 min Scan# 1575
 Delta R.T. 0.00 min
 Lab File: BF099643.D
 Acq: 19 Oct 2017 3:14

Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.6	8.5	12.7
80	10.6	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

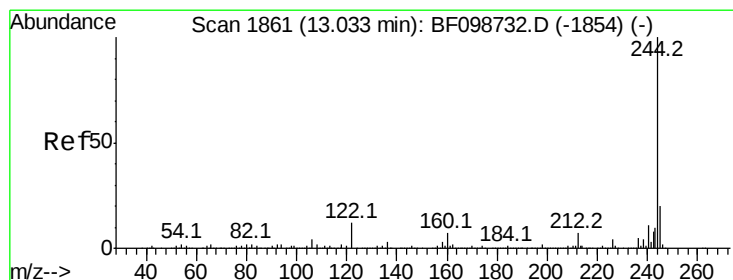
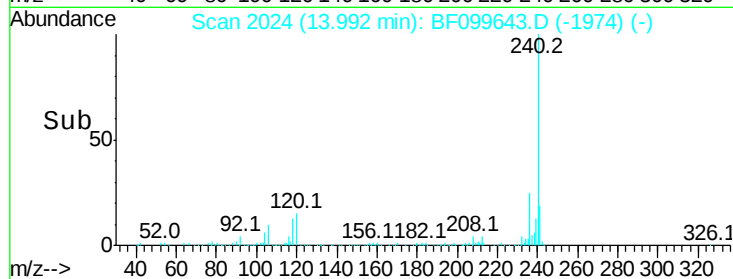
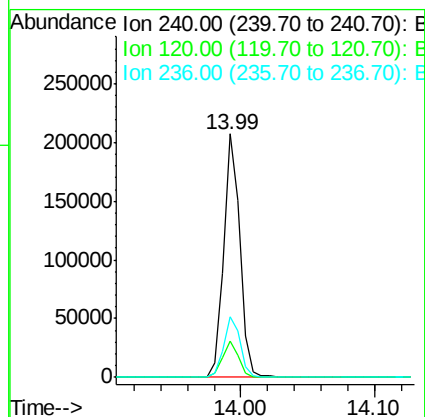
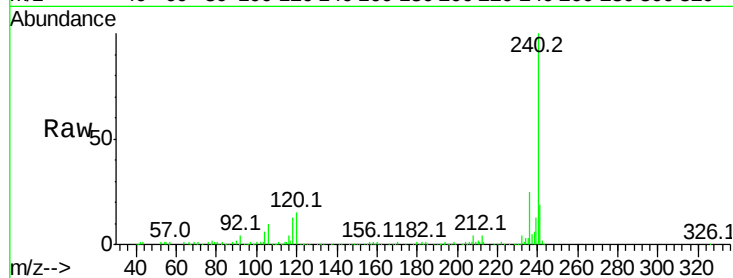




#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.99 min Scan# 2024
 Delta R.T. -0.01 min
 Lab File: BF099643.D
 Acq: 19 Oct 2017 3:14

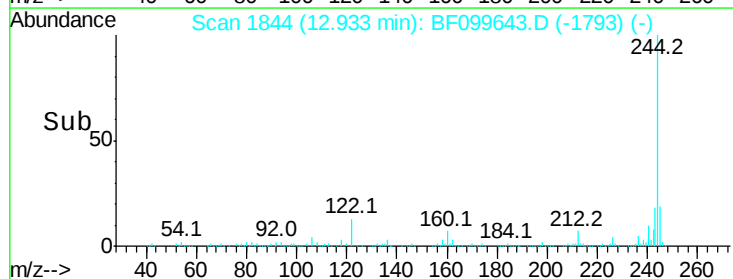
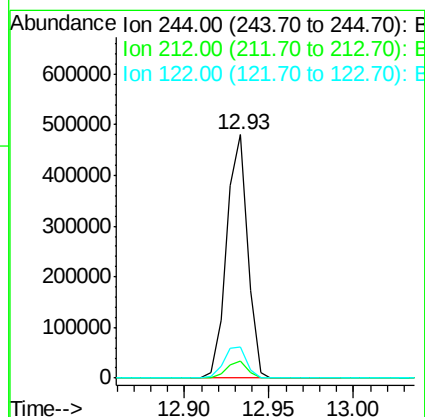
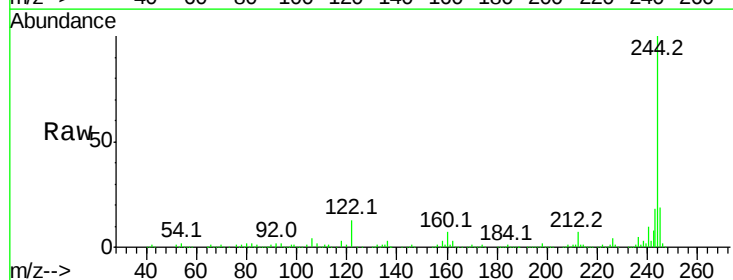
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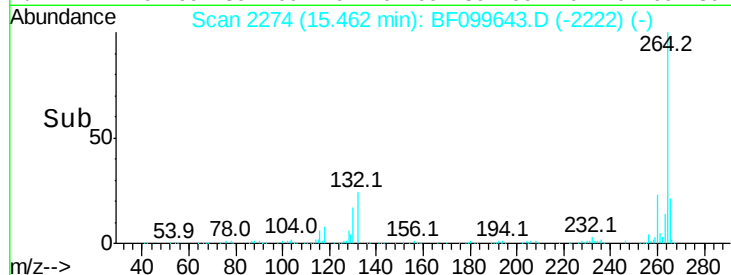
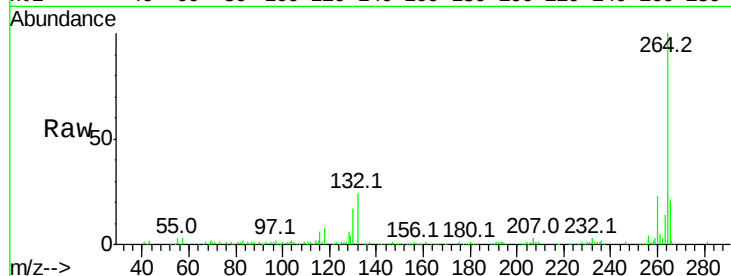
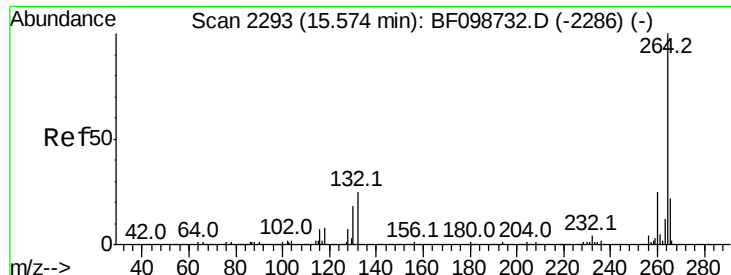
Tot Ion:240 Resp: 179043
 Ion Ratio Lower Upper
 240 100
 120 14.9 9.5 14.3#
 236 25.0 20.7 31.1



#78
 Terphenyl-d14
 Concen: 52.752 ng
 RT: 12.93 min Scan# 1844
 Delta R.T. 0.00 min
 Lab File: BF099643.D
 Acq: 19 Oct 2017 3:14

Tgt Ion:244 Resp: 415309
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.4 8.0
 122 12.8 11.0 16.4





#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.46 min Scan# 2274
 Delta R.T. 0.01 min
 Lab File: BF099643.D
 Acq: 19 Oct 2017 3:14

Instrument :
 BNA_F
 ClientSampleId :
 BACKFILL-COMP-1

Tot Ion:	264	Resp:	138165
Ion Ratio	Lower	Upper	
264	100		
260	23.0	19.2	28.8
265	21.0	17.5	26.3

