

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102817\
 Data File : BF099934.D
 Acq On : 28 Oct 2017 23:05
 Operator : SJ/JU
 Sample : I5718-02 10X
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 30 02:03:29 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 27 15:58:57 2017
 Response via : Initial Calibration

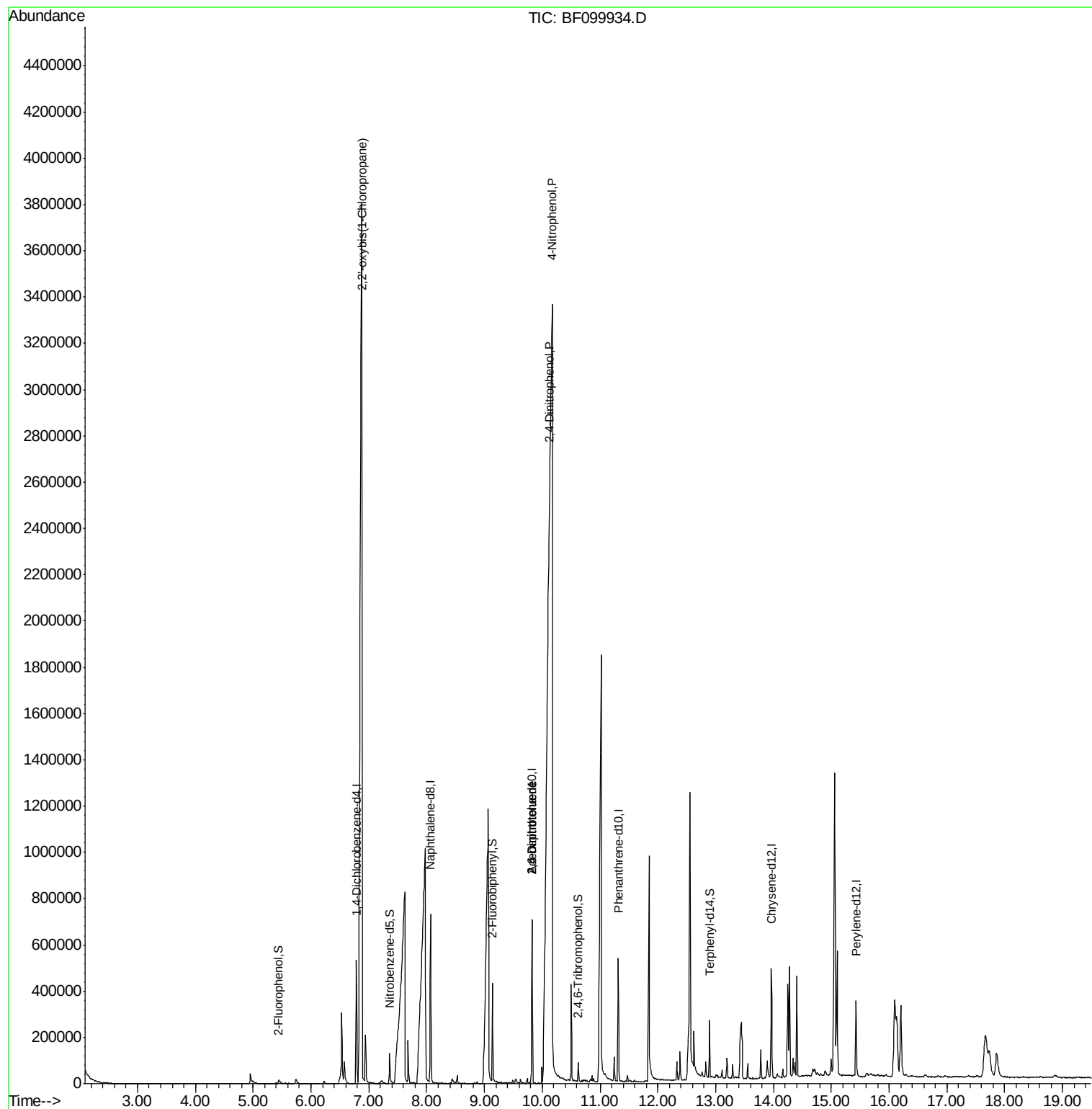
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	85340	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	328371	20.00	ng	-0.01
38) Acenaphthene-d10	9.82	164	129311	20.00	ng	-0.02
63) Phenanthrene-d10	11.32	188	177198	20.00	ng	-0.02
75) Chrysene-d12	13.96	240	151234	20.00	ng	-0.03
86) Perylene-d12	15.43	264	147915	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	16895	3.11	ng	0.02
7) Phenol-d6	6.50	99	12868	2.00	ng	0.06
23) Nitrobenzene-d5	7.36	82	50541	9.91	ng	-0.01
41) 2,4,6-Tribromophenol	10.62	330	9318	7.91	ng	-0.02
44) 2-Fluorobiphenyl	9.14	172	123989	14.79	ng	-0.02
78) Terphenyl-d14	12.89	244	75669	10.93	ng	-0.03
Target Compounds						
16) 2,2'-oxybis(1-Chloropropan	6.88	45	35659	5.874	ng	81
50) 2,6-Dinitrotoluene	9.82	165	16110	7.483	ng	# 24
53) 2,4-Dinitrophenol	10.12	184	114	5.886	ng	# 6
55) 4-Nitrophenol	10.17	139	19458	14.681	ng	# 67
56) 2,4-Dinitrotoluene	9.82	165	16110	6.214	ng	# 21

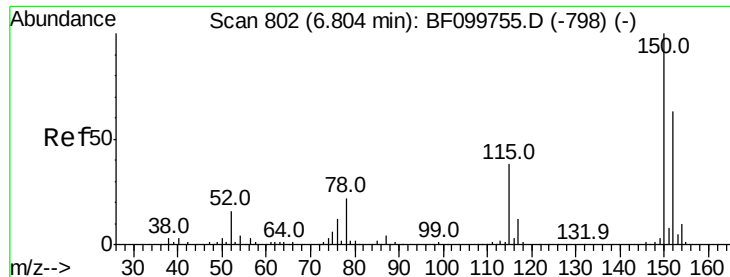
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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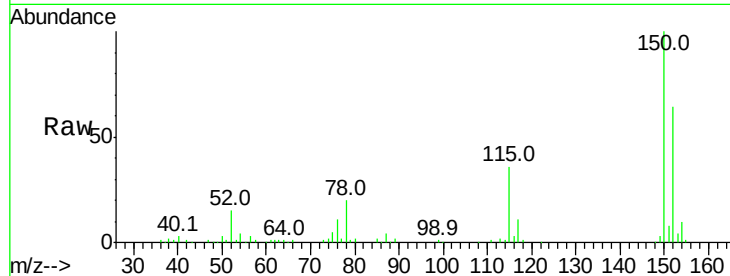


#1

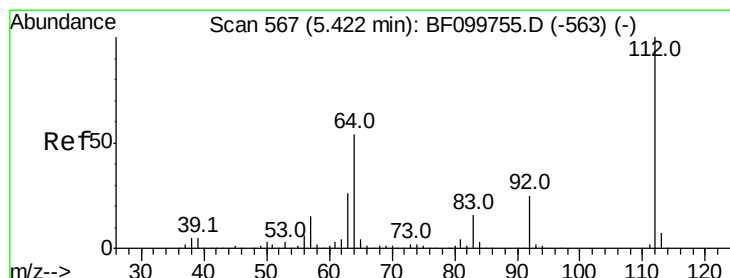
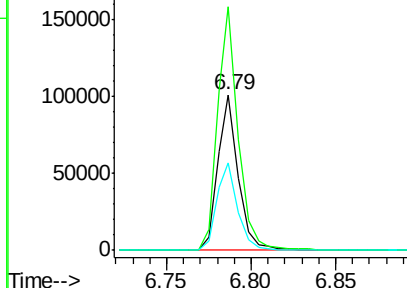
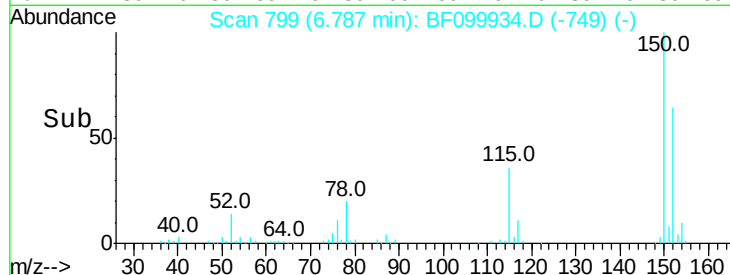
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 799
Delta R.T. -0.01 min
Lab File: BF099934.D
Acq: 28 Oct 2017 23:05

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 85340
Ion Ratio Lower Upper
152 100
150 156.7 124.6 186.8
115 55.9 50.1 75.1



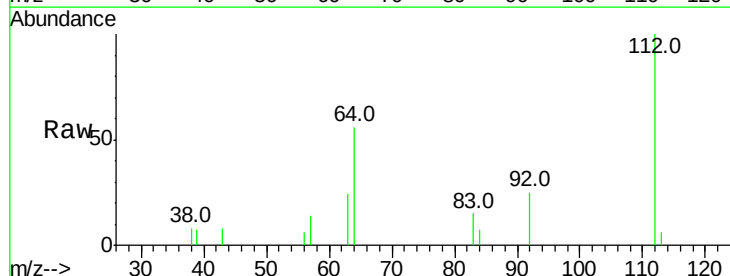
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



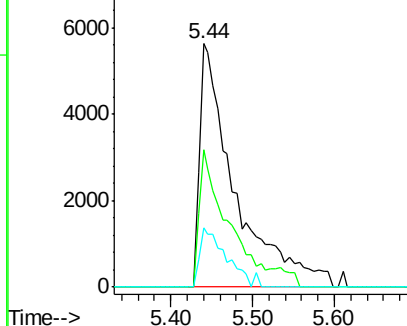
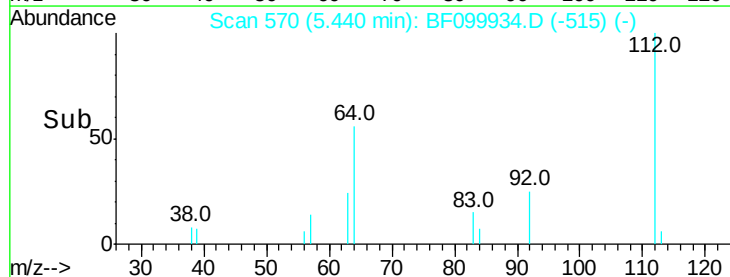
#5

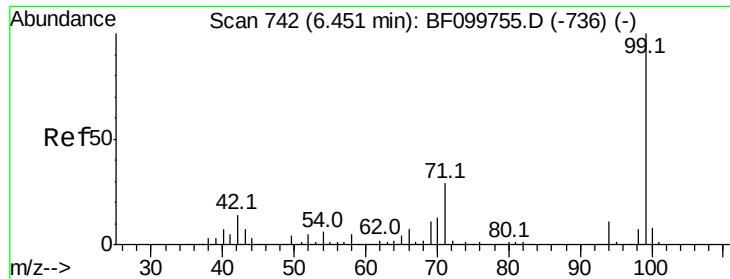
2-Fluorophenol
Concen: 3.108 ng
RT: 5.44 min Scan# 570
Delta R.T. 0.02 min
Lab File: BF099934.D
Acq: 28 Oct 2017 23:05

Tgt Ion:112 Resp: 16895
Ion Ratio Lower Upper
112 100
64 56.5 47.9 71.9
63 24.4 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: 1.996 ng

RT: 6.50 min Scan# 750

Delta R.T. 0.06 min

Lab File: BF099934.D

Acq: 28 Oct 2017 23:05

Instrument :

BNA_F

ClientSampled :

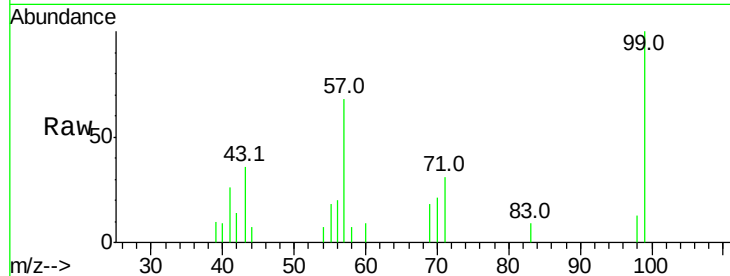
Tot Ion: 99 Resp: 12868

Ion Ratio Lower Upper

99 100

42 14.5 14.5 21.7

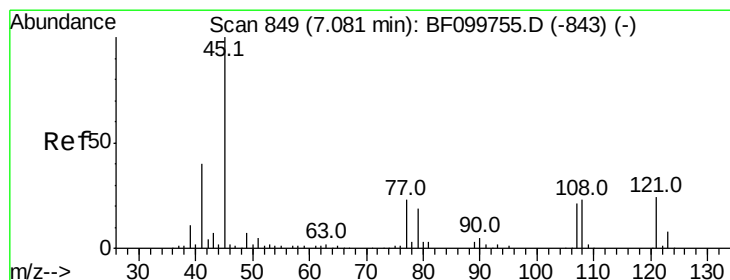
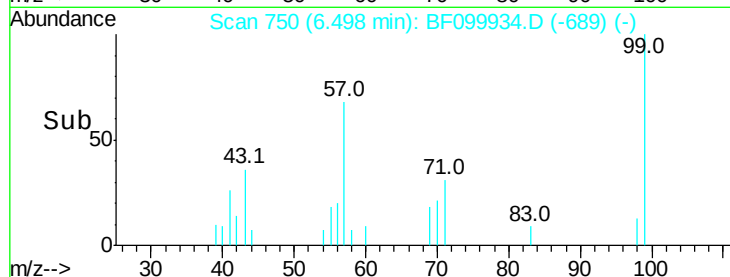
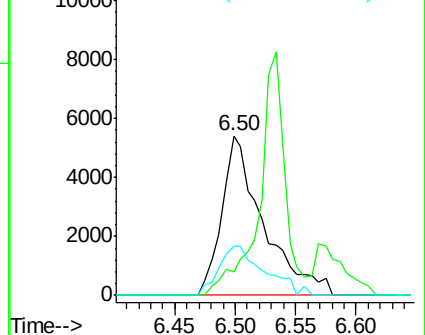
71 30.6 25.4 38.0



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



#16

2,2'-oxybis(1-chloropropane)

Concen: 5.874 ng

RT: 6.88 min Scan# 815

Delta R.T. -0.19 min

Lab File: BF099934.D

Acq: 28 Oct 2017 23:05

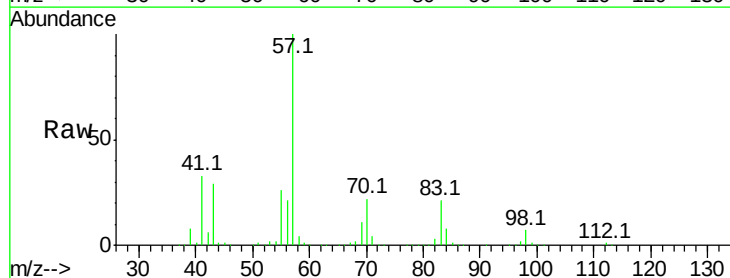
Tgt Ion: 45 Resp: 35659

Ion Ratio Lower Upper

45 100

77 19.2 0.0 32.9

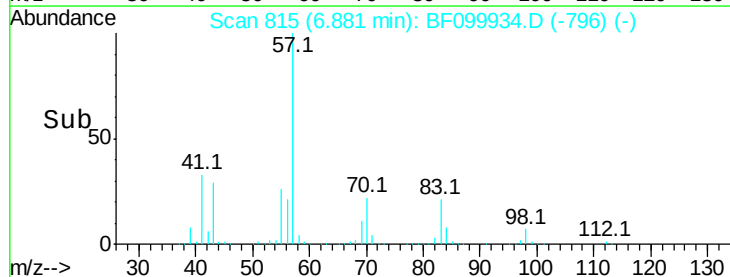
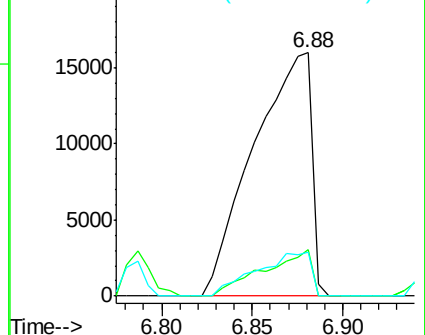
79 18.0 0.0 29.6

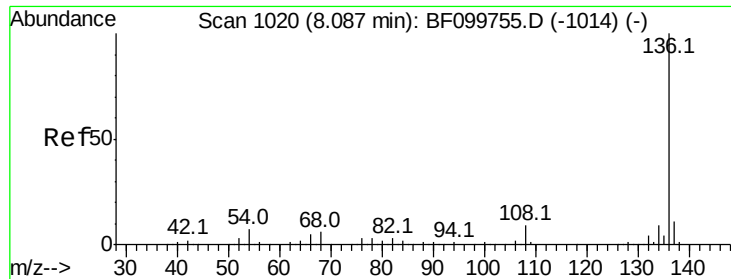


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

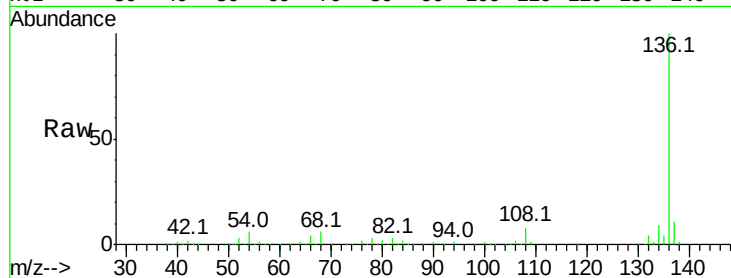




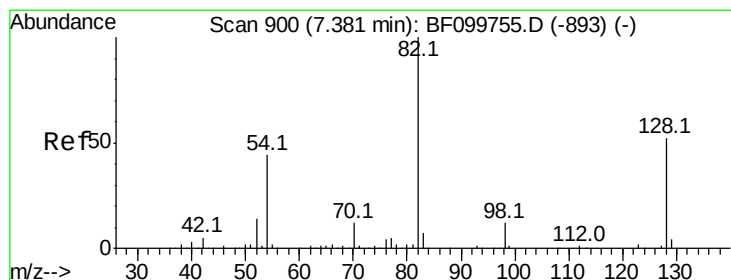
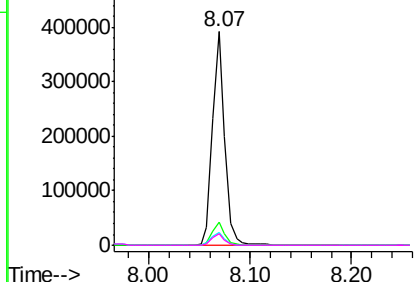
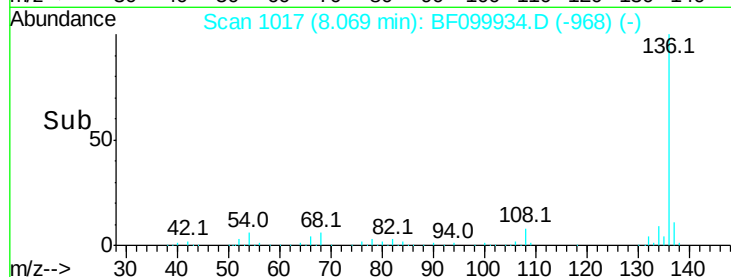
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1017
Delta R.T. -0.01 min
Lab File: BF099934.D
Acq: 28 Oct 2017 23:05

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	136	Resp:	328371
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	6.2	6.6	9.8#
68	5.6	5.0	7.4

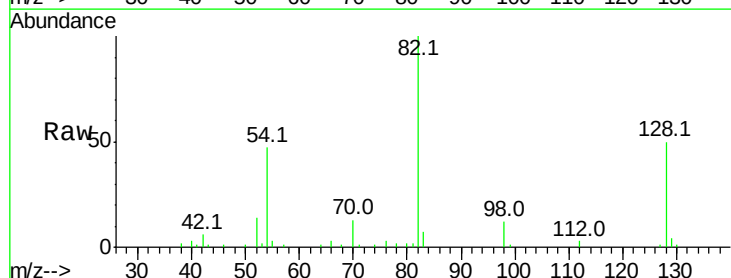


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

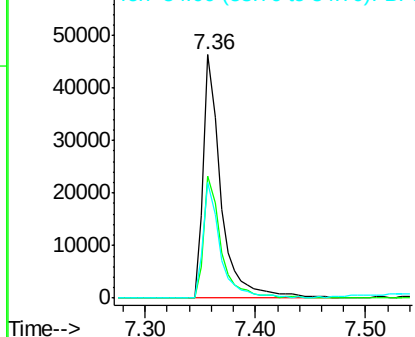
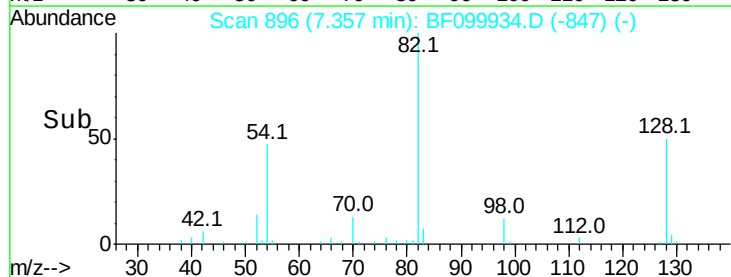


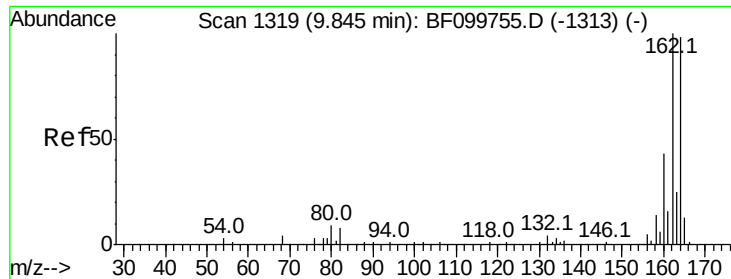
#23
Nitrobenzene-d5
Concen: 9.909 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.01 min
Lab File: BF099934.D
Acq: 28 Oct 2017 23:05

Tgt Ion:	82	Resp:	50541
Ion	Ratio	Lower	Upper
82	100		
128	49.9	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

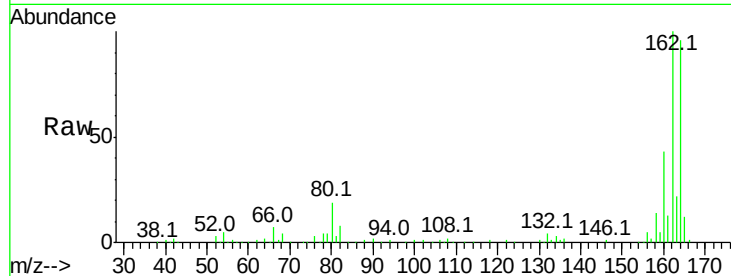




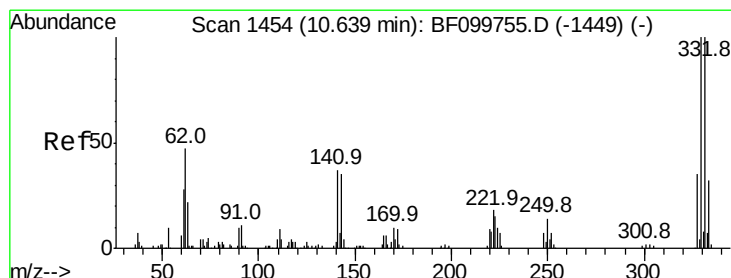
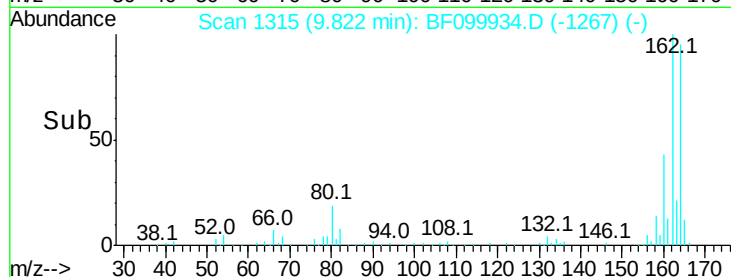
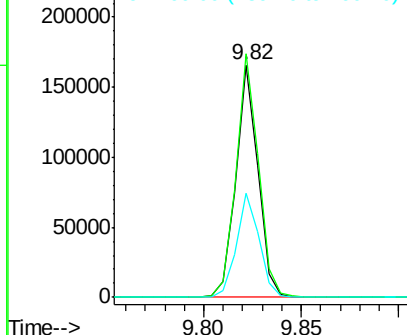
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.82 min Scan# 1315
 Delta R.T. -0.02 min
 Lab File: BF099934.D
 Acq: 28 Oct 2017 23:05

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:164 Resp: 129311
 Ion Ratio Lower Upper
 164 100
 162 104.6 86.1 129.1
 160 44.9 38.3 57.5

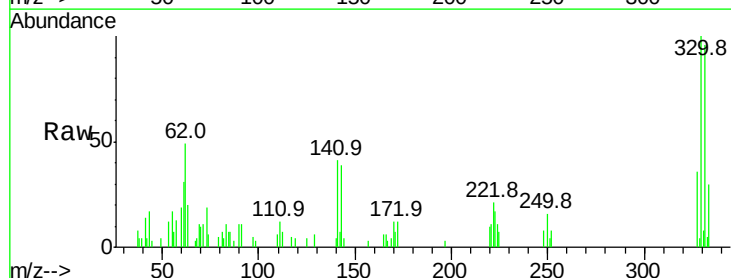


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

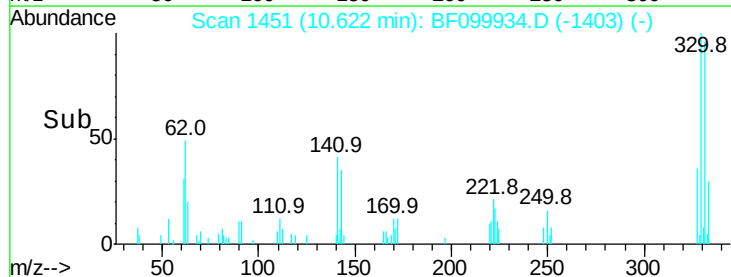
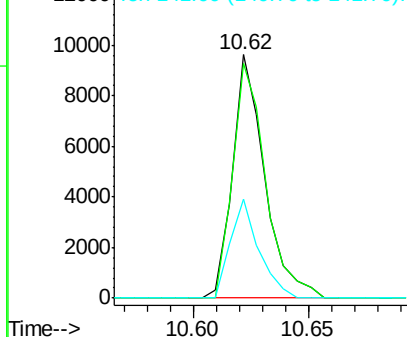


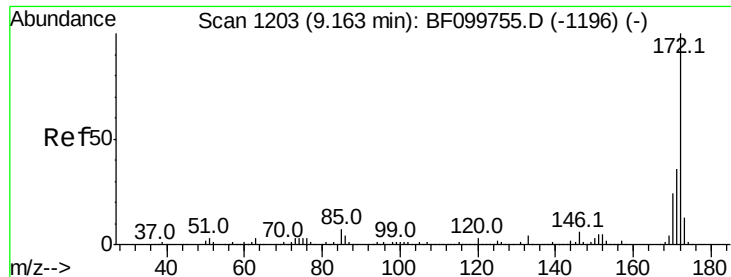
#41
 2,4,6-Tribromophenol
 Concen: 7.907 ng
 RT: 10.62 min Scan# 1451
 Delta R.T. -0.02 min
 Lab File: BF099934.D
 Acq: 28 Oct 2017 23:05

Tgt Ion:330 Resp: 9318
 Ion Ratio Lower Upper
 330 100
 332 99.0 77.0 115.6
 141 36.0 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

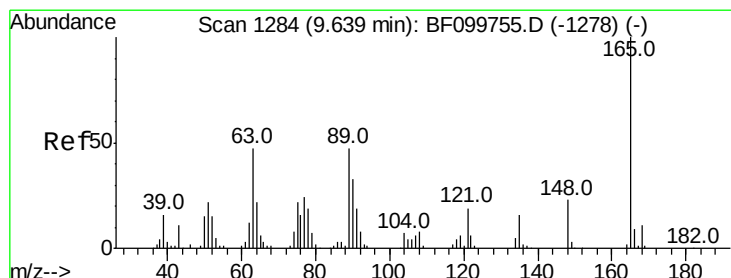
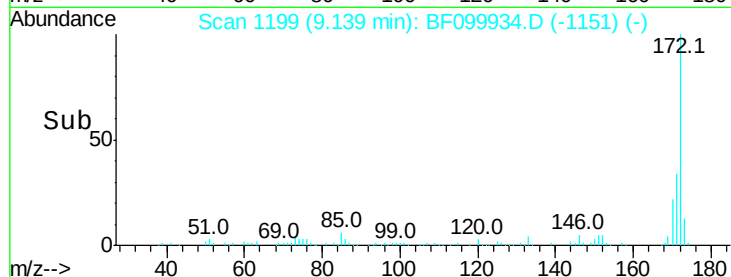
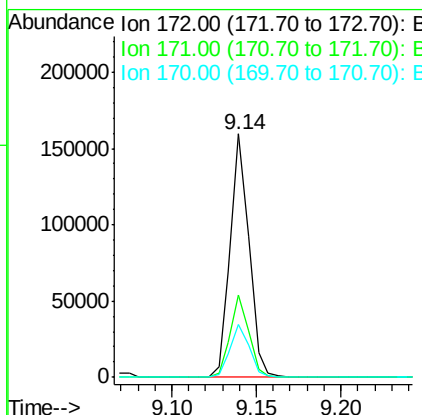
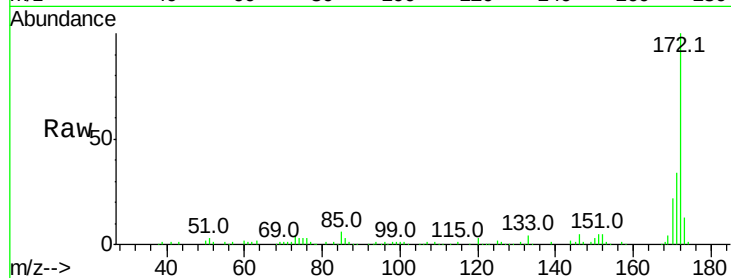




#44
 2-Fluorobiphenyl
 Concen: 14.793 ng
 RT: 9.14 min Scan# 1199
 Delta R.T. -0.02 min
 Lab File: BF099934.D
 Acq: 28 Oct 2017 23:05

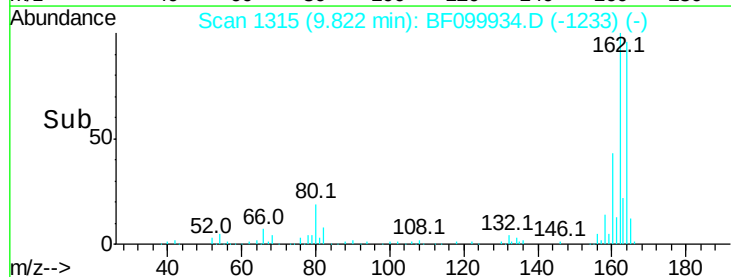
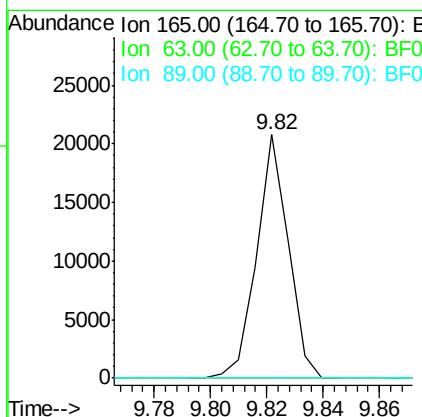
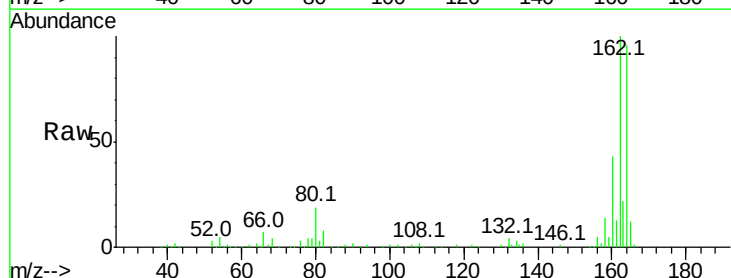
Instrument :
 BNA_F
 ClientSampleId :

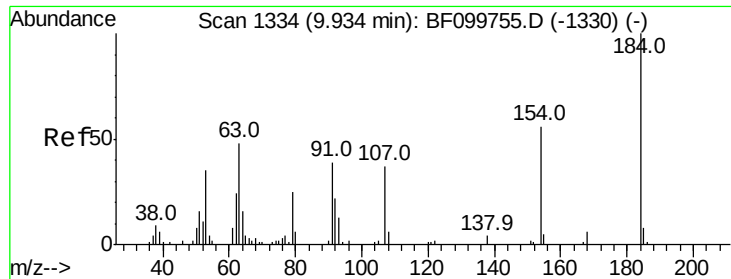
Tot Ion	Ratio	Lower	Upper
172	100		
171	33.6	29.7	44.5
170	21.6	19.6	29.4



#50
 2,6-Dinitrotoluene
 Concen: 7.483 ng
 RT: 9.82 min Scan# 1315
 Delta R.T. 0.18 min
 Lab File: BF099934.D
 Acq: 28 Oct 2017 23:05

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	44.7	67.1#
89	0.0	44.0	66.0#

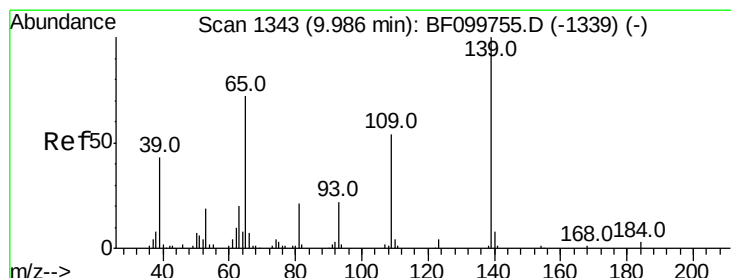
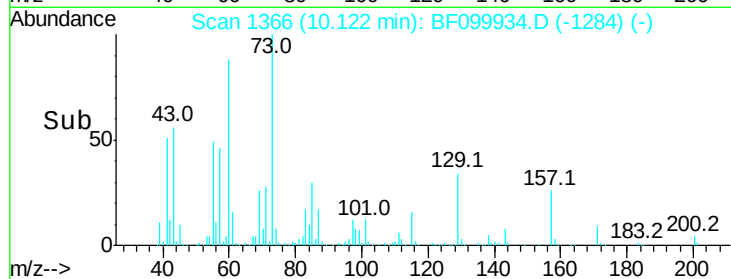
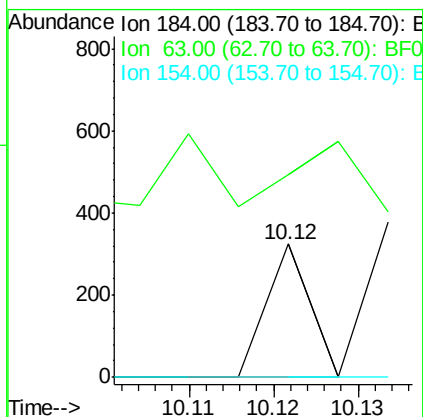
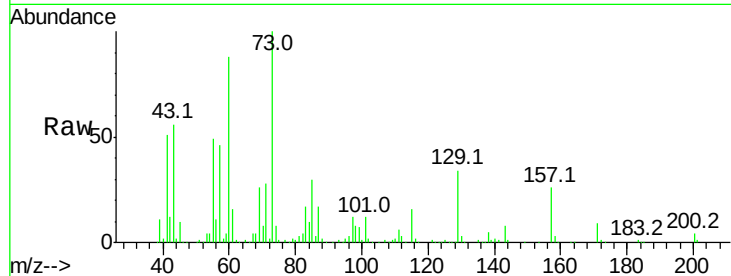




#53
 2,4-Dinitrophenol
 Concen: 5.886 ng
 RT: 10.12 min Scan# 1366
 Delta R.T. 0.18 min
 Lab File: BF099934.D
 Acq: 28 Oct 2017 23:05

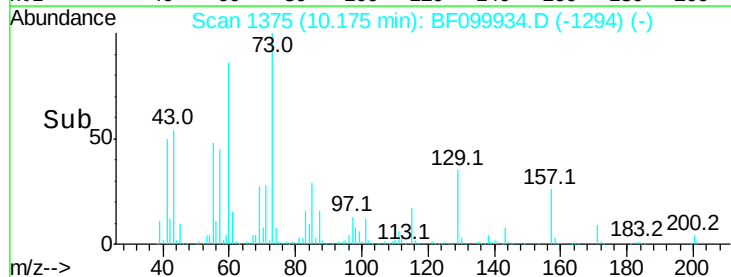
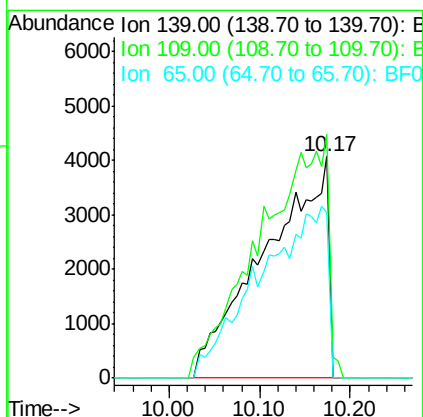
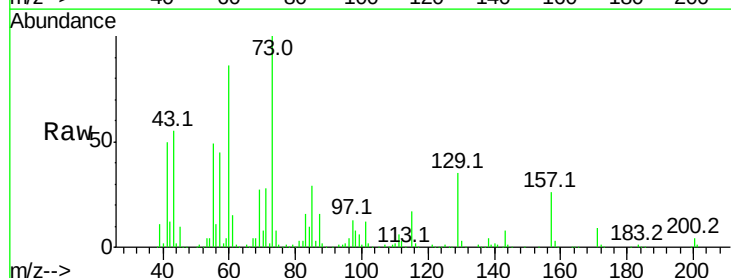
Instrument :
 BNA_F
 ClientSampled :

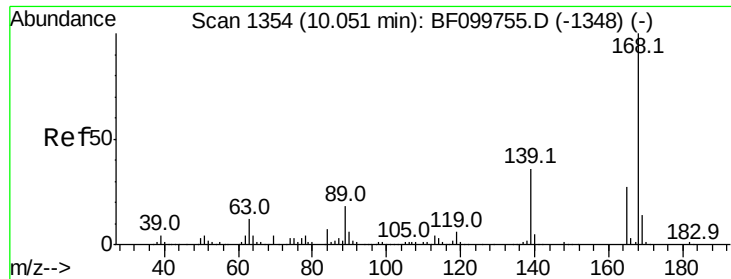
Tot Ion:184 Resp: 114
 Ion Ratio Lower Upper
 184 100
 63 152.2 54.2 81.2#
 154 0.0 53.5 80.3#



#55
 4-Nitrophenol
 Concen: 14.681 ng
 RT: 10.17 min Scan# 1375
 Delta R.T. 0.18 min
 Lab File: BF099934.D
 Acq: 28 Oct 2017 23:05

Tgt Ion:139 Resp: 19458
 Ion Ratio Lower Upper
 139 100
 109 110.0 48.4 88.4#
 65 74.6 72.6 112.6





#56

2,4-Dinitrotoluene

Concen: 6.214 ng

RT: 9.82 min Scan# 1315

Delta R.T. -0.23 min

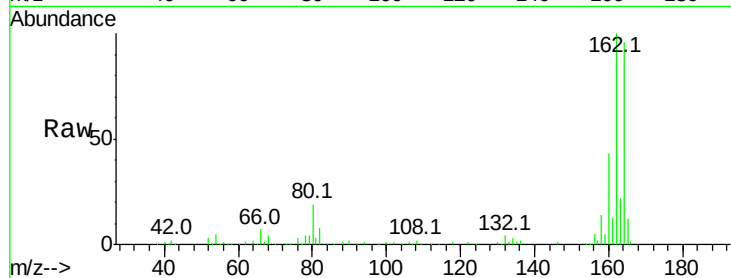
Lab File: BF099934.D

Acq: 28 Oct 2017 23:05

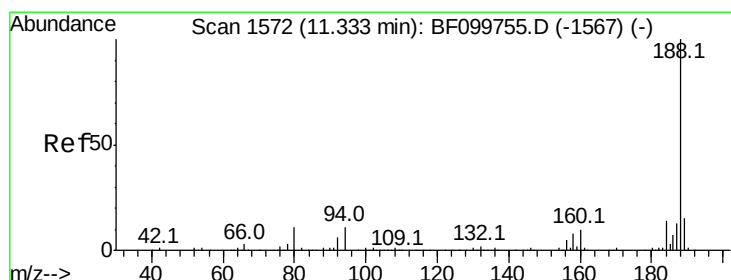
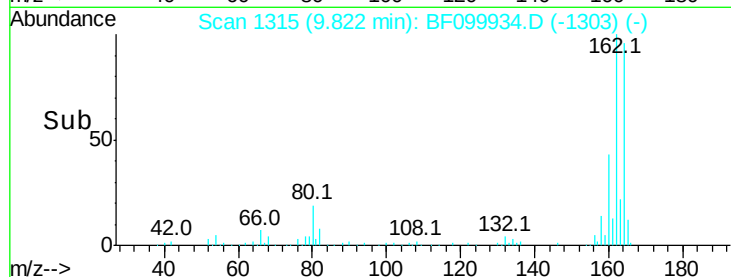
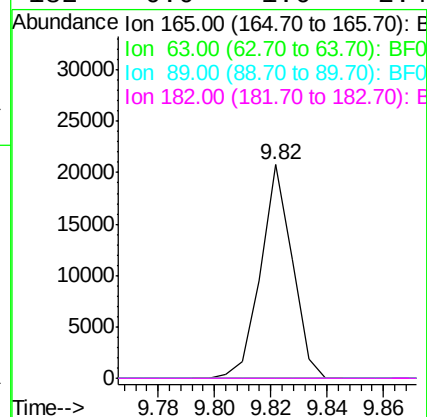
Instrument :

BNA_F

ClientSampleId :



Tot Ion:	165	Resp:	16110
Ion	Ratio	Lower	Upper
165	100		
63	0.0	36.4	54.6#
89	0.0	57.8	86.6#
182	0.0	1.6	2.4#



#63

Phenanthrene-d10

Concen: 20.000 ng

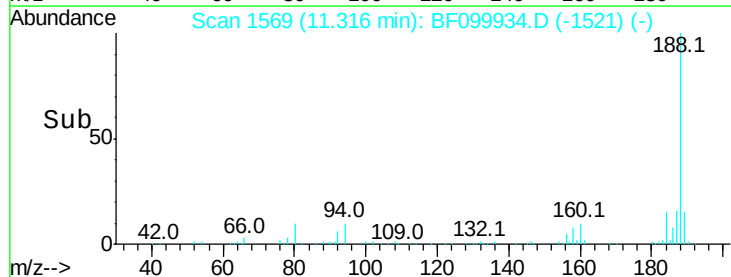
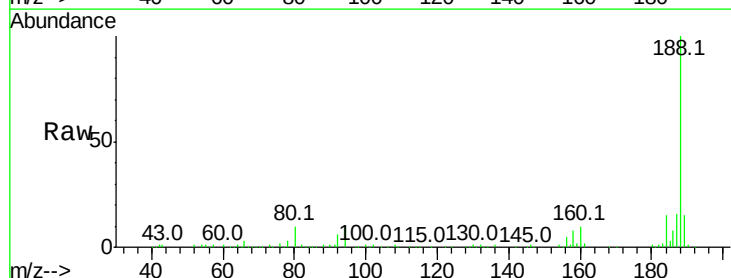
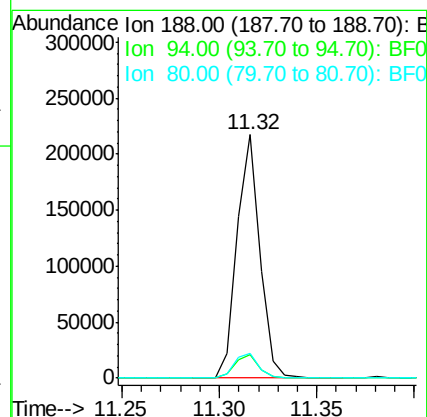
RT: 11.32 min Scan# 1569

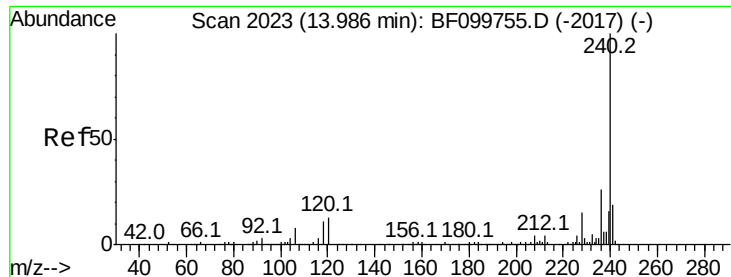
Delta R.T. -0.02 min

Lab File: BF099934.D

Acq: 28 Oct 2017 23:05

Tgt Ion:	188	Resp:	177198
Ion	Ratio	Lower	Upper
188	100		
94	9.7	8.5	12.7
80	10.0	9.2	13.8





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.96 min Scan# 2019

Delta R.T. -0.03 min

Lab File: BF099934.D

Acq: 28 Oct 2017 23:05

Instrument :

BNA_F

ClientSampled :

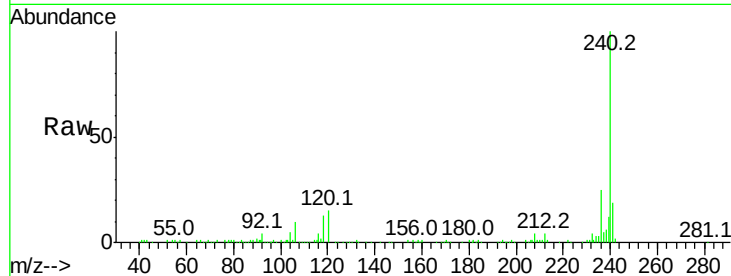
Tot Ion:240 Resp: 151234

Ion Ratio Lower Upper

240 100

120 14.7 9.5 14.3#

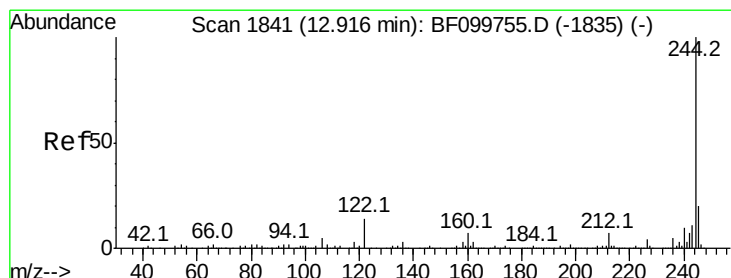
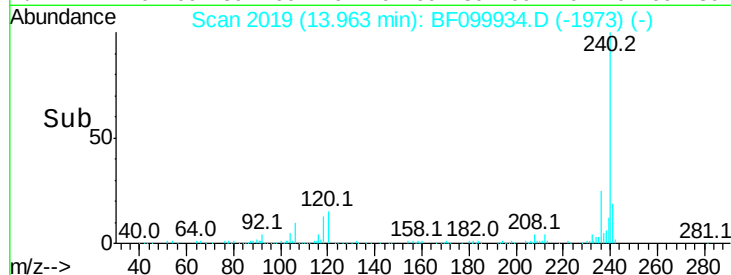
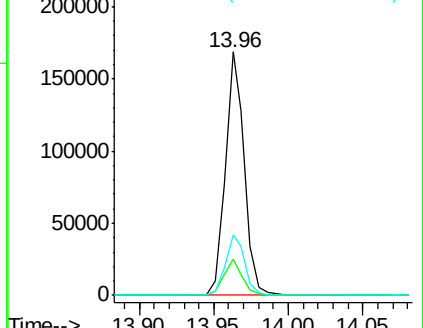
236 24.8 20.7 31.1



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: 10.934 ng

RT: 12.89 min Scan# 1837

Delta R.T. -0.03 min

Lab File: BF099934.D

Acq: 28 Oct 2017 23:05

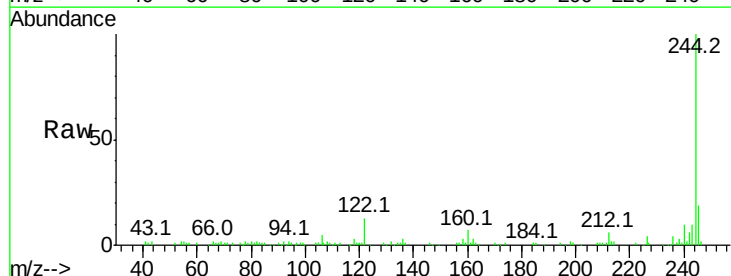
Tgt Ion:244 Resp: 75669

Ion Ratio Lower Upper

244 100

212 6.4 5.4 8.0

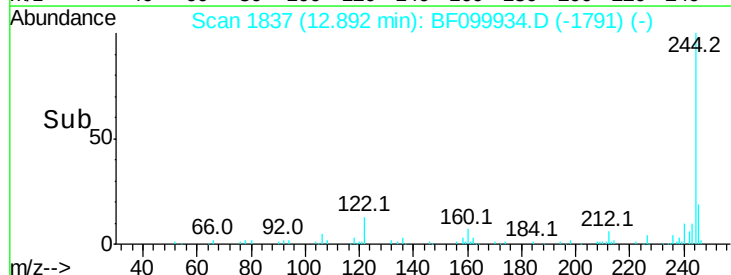
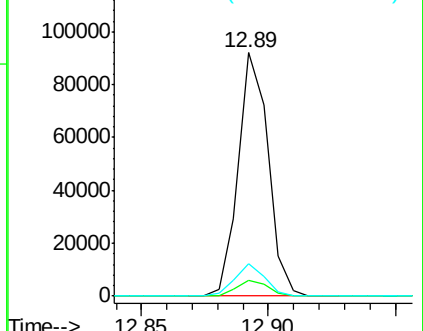
122 13.1 11.0 16.4

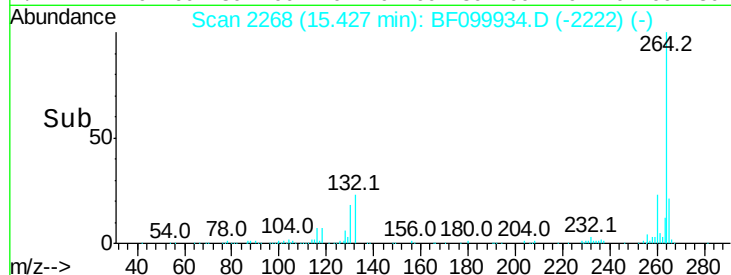
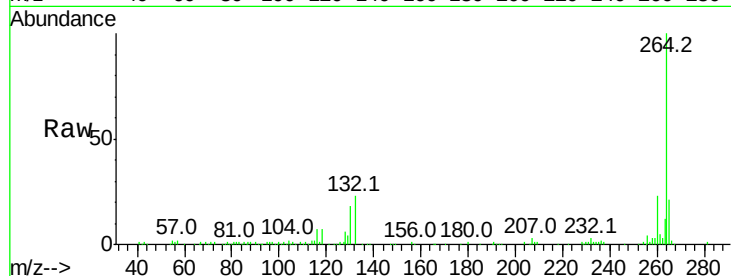
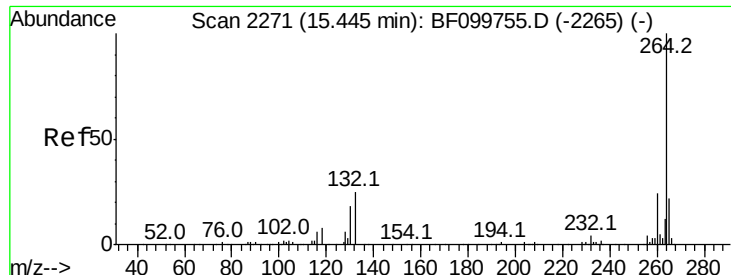


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.43 min Scan# 2268
 Delta R.T. -0.03 min
 Lab File: BF099934.D
 Acq: 28 Oct 2017 23:05

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	264	Resp:	147915
Ion	Ratio	Lower	Upper
264	100		
260	23.1	19.2	28.8
265	20.9	17.5	26.3

