

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102817\
 Data File : BF099915.D
 Acq On : 28 Oct 2017 14:16
 Operator : SJ/JU
 Sample : I6071-02
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 30 01:56:15 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

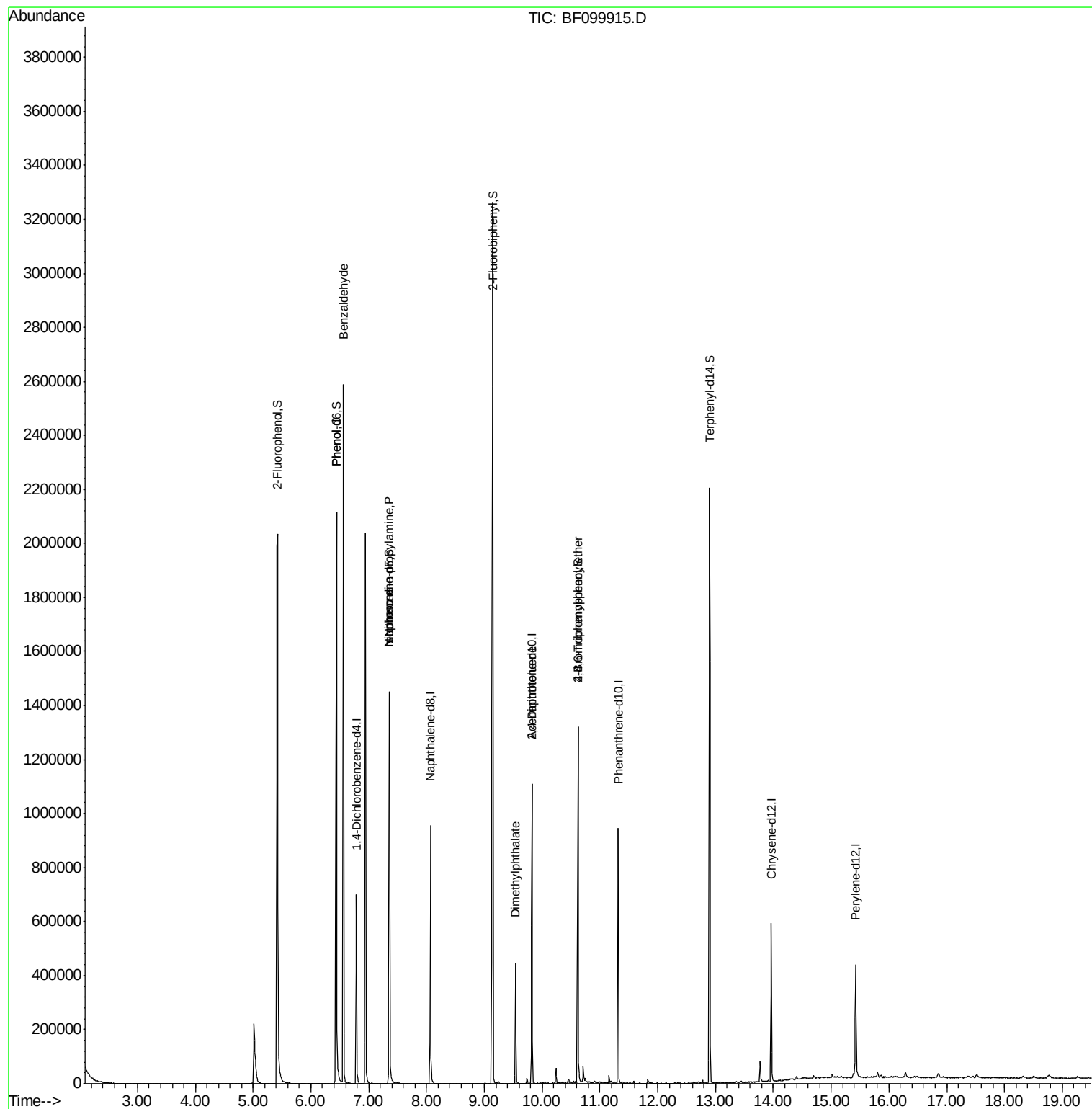
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	111866	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	465503	20.00	ng	-0.01
38) Acenaphthene-d10	9.82	164	212979	20.00	ng	-0.02
63) Phenanthrene-d10	11.32	188	333118	20.00	ng	-0.02
75) Chrysene-d12	13.96	240	187750	20.00	ng	-0.03
86) Perylene-d12	15.43	264	199876	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	807455	113.32	ng	0.00
7) Phenol-d6	6.44	99	975617	115.48	ng	0.00
23) Nitrobenzene-d5	7.36	82	581562	80.43	ng	-0.01
41) 2,4,6-Tribromophenol	10.62	330	184093	94.85	ng	-0.02
44) 2-Fluorobiphenyl	9.15	172	1161964	84.17	ng	-0.01
78) Terphenyl-d14	12.90	244	760653	88.54	ng	-0.02
Target Compounds						
9) Benzaldehyde	6.56	77	14003	2.774	ng	94
10) Phenol	6.45	94	23285	2.510	ng	# 47
19) n-Nitroso-di-n-propylamine	7.36	70	73639	14.873	ng	# 71
25) Isophorone	7.36	82	581562	44.325	ng	# 64
49) Dimethylphthalate	9.54	163	183429	10.876	ng	100
56) 2,4-Dinitrotoluene	9.82	165	26601	6.230	ng	# 23
66) 4-Bromophenyl-phenylether	10.62	248	12160	3.467	ng	# 1

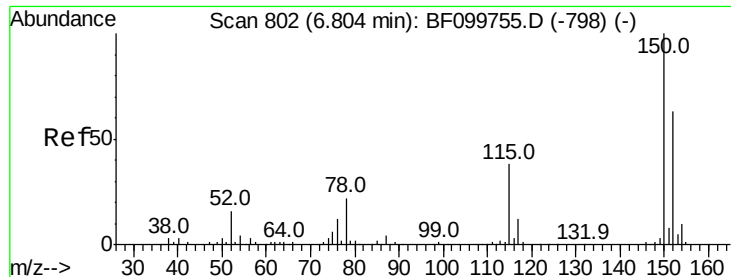
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102817\
Data File : BF099915.D
Acq On : 28 Oct 2017 14:16
Operator : SJ/JU
Sample : I6071-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Oct 30 01:56:15 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



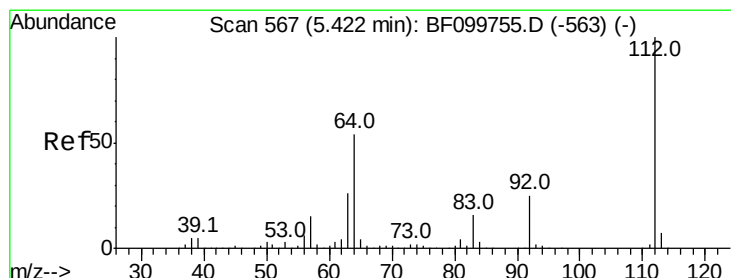
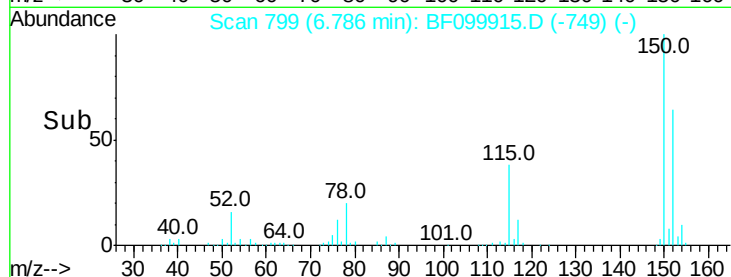
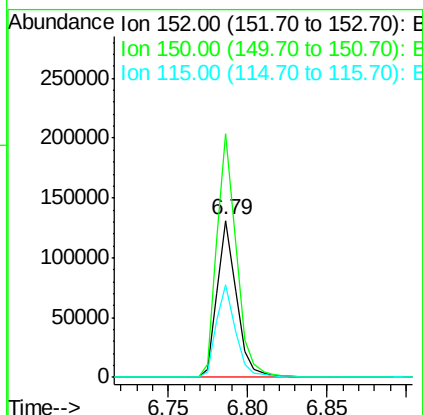
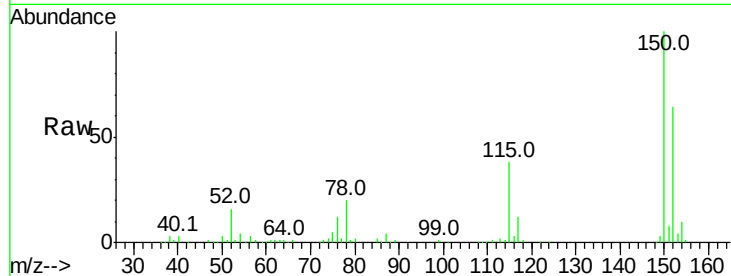


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 799
Delta R.T. -0.01 min
Lab File: BF099915.D
Acq: 28 Oct 2017 14:16

Instrument :
BNA_F
ClientSampleId :

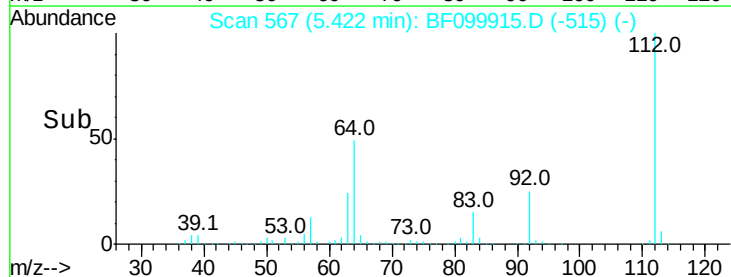
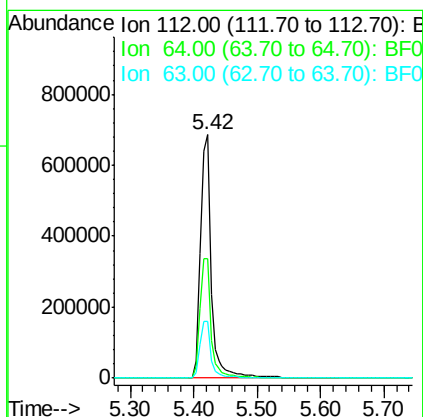
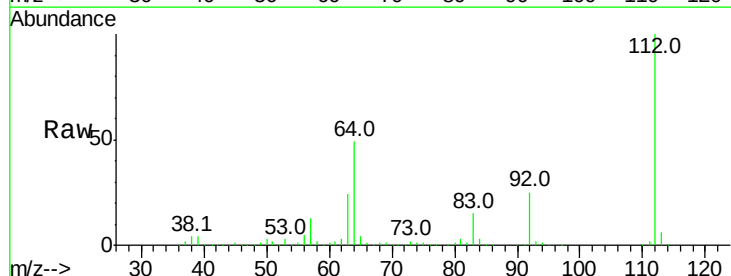
Tot Ion:152 Resp: 111866
Ion Ratio Lower Upper
152 100
150 155.2 124.6 186.8
115 59.0 50.1 75.1

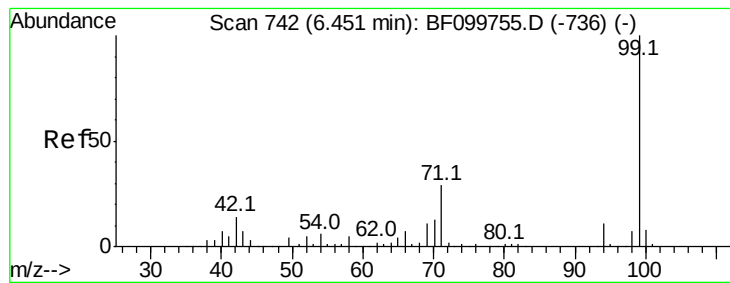


#5

2-Fluorophenol
Concen: 113.321 ng
RT: 5.42 min Scan# 567
Delta R.T. 0.01 min
Lab File: BF099915.D
Acq: 28 Oct 2017 14:16

Tgt Ion:112 Resp: 807455
Ion Ratio Lower Upper
112 100
64 49.0 47.9 71.9
63 23.5 23.7 35.5#





#7

Phenol-d6

Concen: 115.475 ng

RT: 6.44 min Scan# 740

Delta R.T. -0.00 min

Lab File: BF099915.D

Acq: 28 Oct 2017 14:16

Instrument :

BNA_F

ClientSampled :

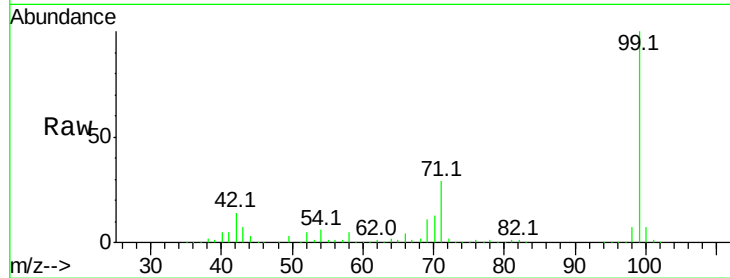
Tot Ion: 99 Resp: 975617

Ion Ratio Lower Upper

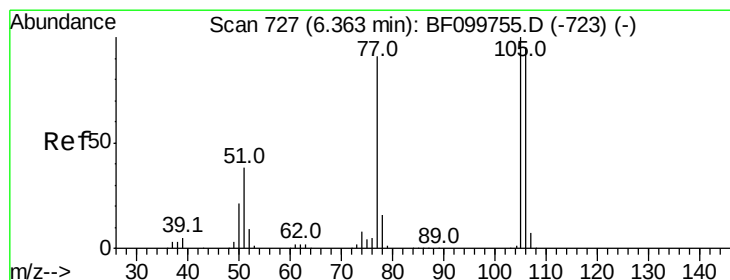
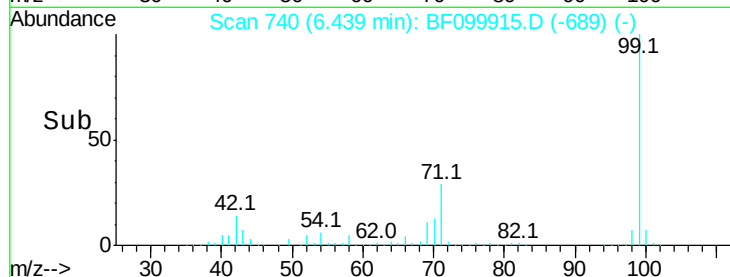
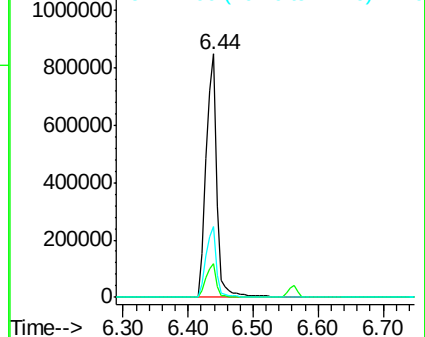
99 100

42 13.8 14.5 21.7#

71 29.2 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



#9

Benzaldehyde

Concen: 2.774 ng

RT: 6.56 min Scan# 761

Delta R.T. 0.21 min

Lab File: BF099915.D

Acq: 28 Oct 2017 14:16

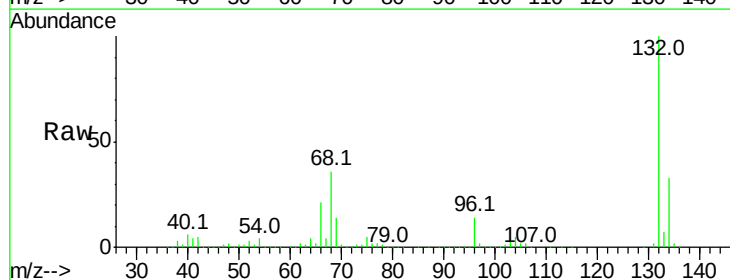
Tgt Ion: 77 Resp: 14003

Ion Ratio Lower Upper

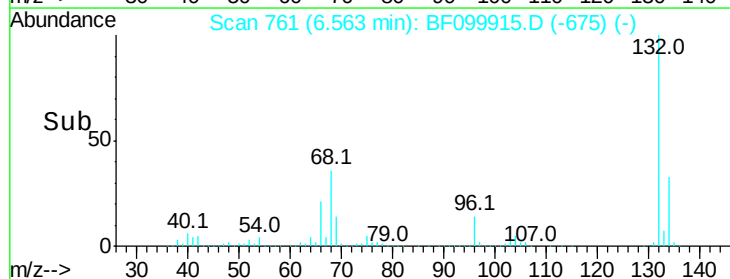
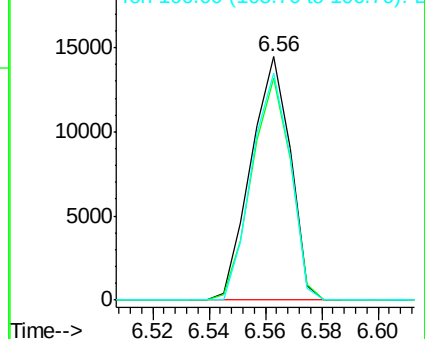
77 100

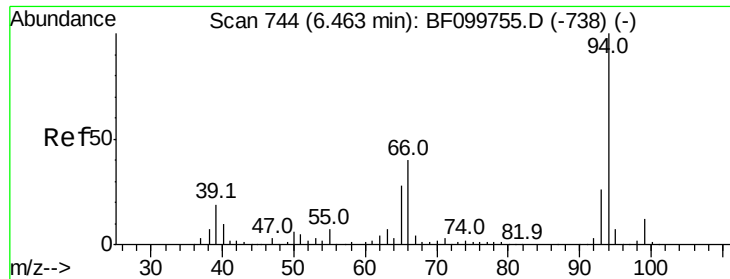
105 91.2 81.1 121.1

106 93.0 74.5 114.5



Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 105.00 (104.70 to 105.70): E
Ion 106.00 (105.70 to 106.70): E

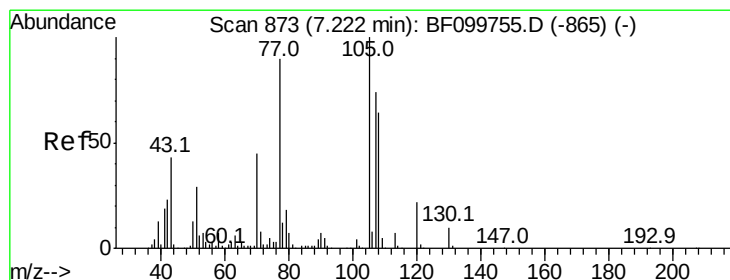
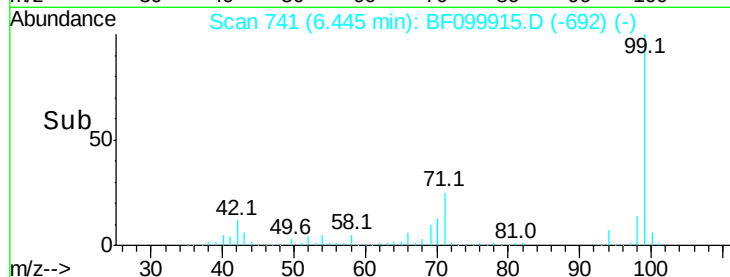
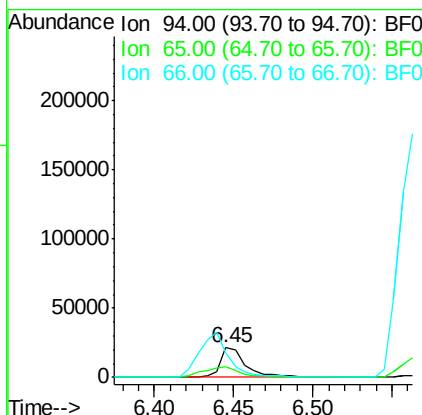
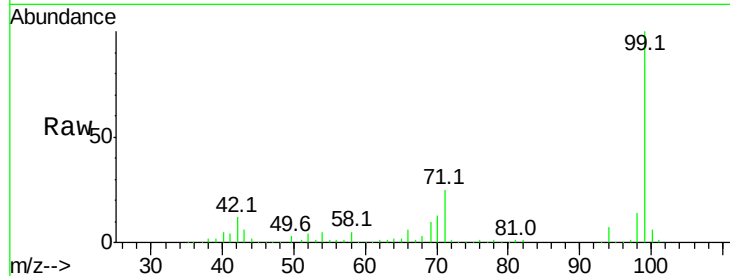




#10
Phenol
Concen: 2.510 ng
RT: 6.45 min Scan# 741
Delta R.T. -0.01 min
Lab File: BF099915.D
Acq: 28 Oct 2017 14:16

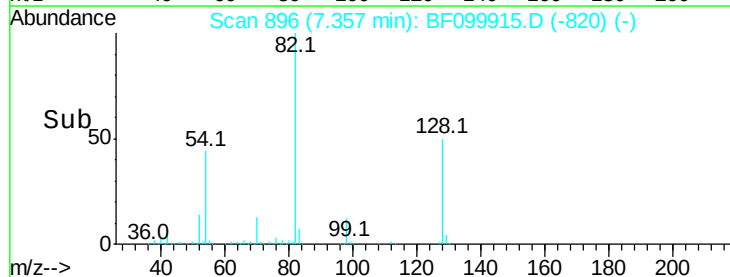
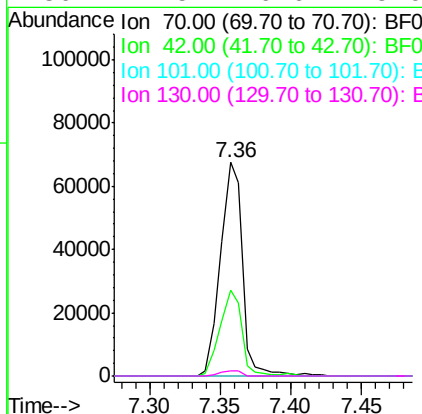
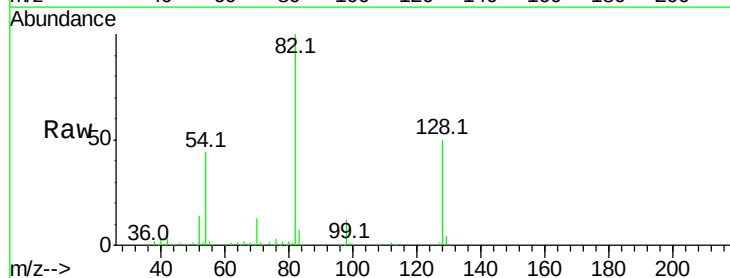
Instrument :
BNA_F
ClientSampleId :

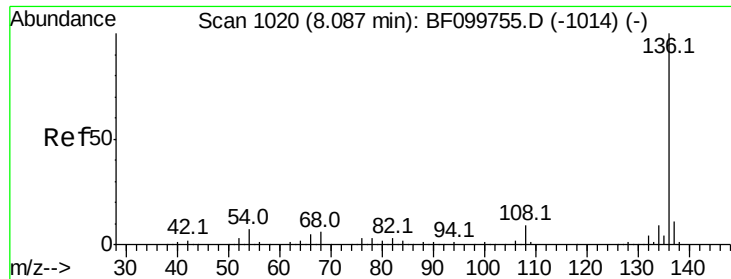
Tot Ion: 94 Resp: 23285
Ion Ratio Lower Upper
94 100
65 36.5 7.9 47.9
66 83.8 16.2 56.2#



#19
n-Nitroso-di-n-propylamine
Concen: 14.873 ng
RT: 7.36 min Scan# 896
Delta R.T. 0.15 min
Lab File: BF099915.D
Acq: 28 Oct 2017 14:16

Tgt Ion: 70 Resp: 73639
Ion Ratio Lower Upper
70 100
42 40.4 47.5 71.3#
101 0.0 7.4 11.2#
130 2.5 16.6 25.0#

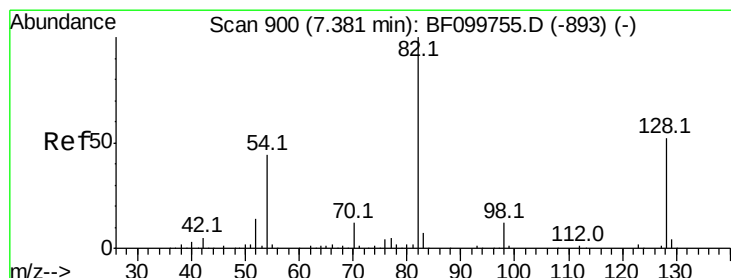
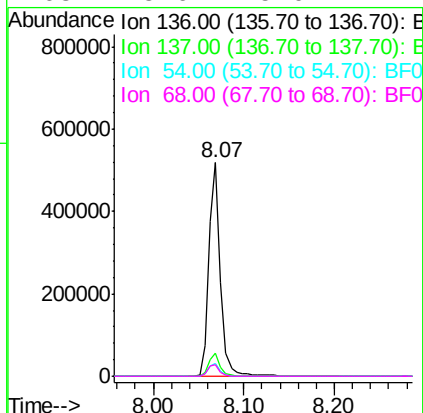
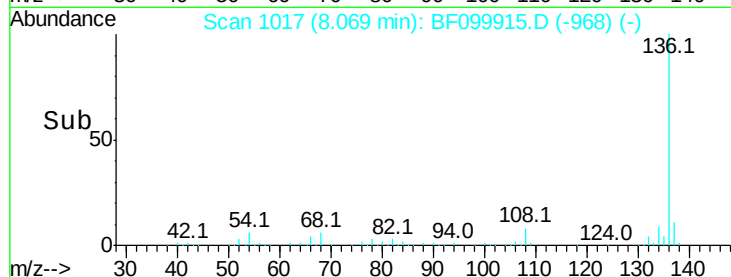
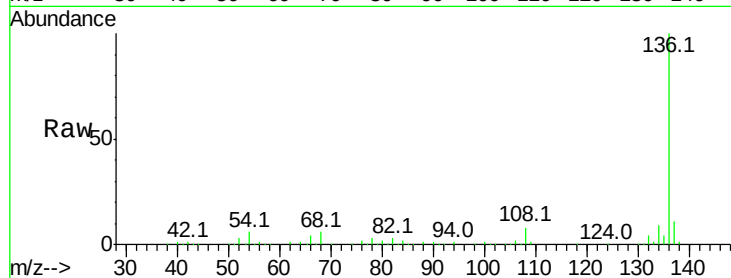




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1017
Delta R.T. -0.01 min
Lab File: BF099915.D
Acq: 28 Oct 2017 14:16

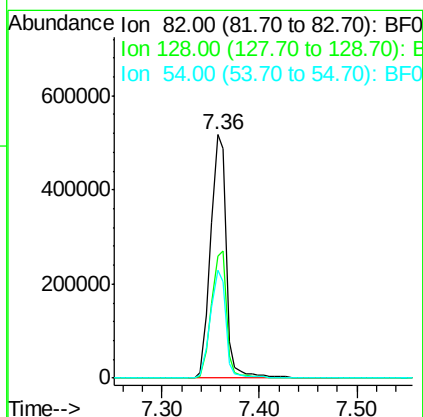
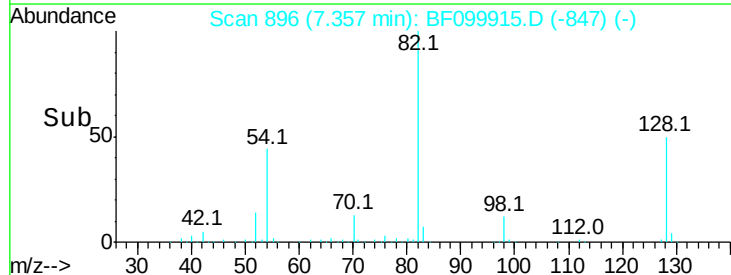
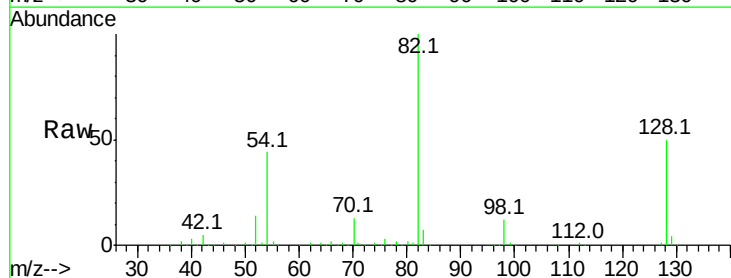
Instrument :
BNA_F
ClientSampleId :

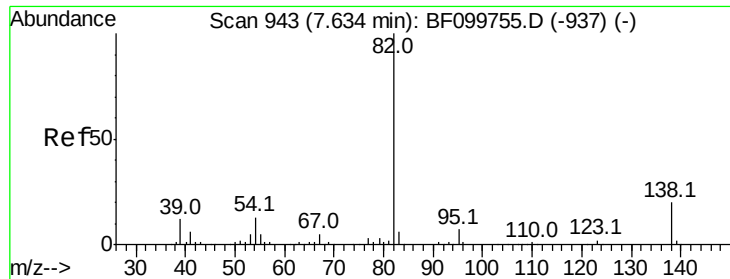
Tot Ion:	136	Resp:	465503
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.9	13.3
54	6.2	6.6	9.8#
68	5.6	5.0	7.4



#23
Nitrobenzene-d5
Concen: 80.432 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.01 min
Lab File: BF099915.D
Acq: 28 Oct 2017 14:16

Tgt Ion:	82	Resp:	581562
Ion	Ratio	Lower	Upper
82	100		
128	50.4	36.1	54.1
54	44.5	41.4	62.2





#25

Isophorone

Concen: 44.325 ng

RT: 7.36 min Scan# 896

Delta R.T. -0.26 min

Lab File: BF099915.D

Acq: 28 Oct 2017 14:16

Instrument :

BNA_F

ClientSampleId :

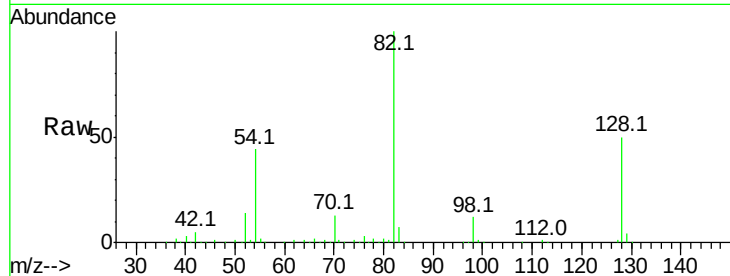
Tot Ion: 82 Resp: 581562

Ion Ratio Lower Upper

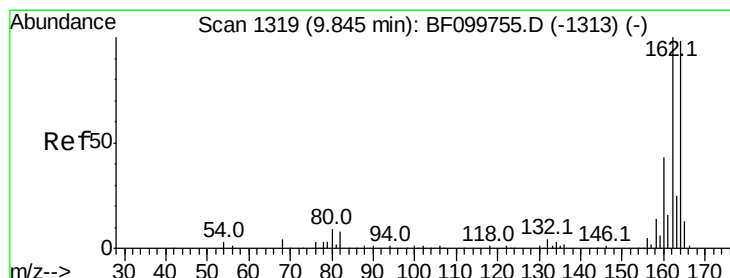
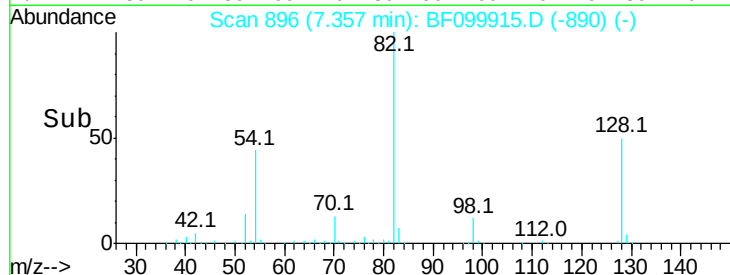
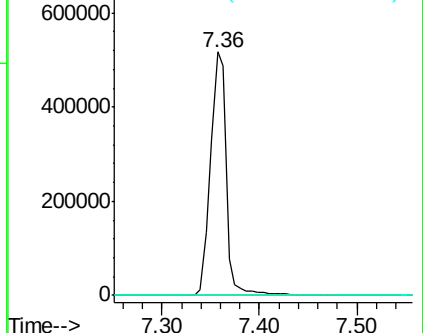
82 100

95 0.0 5.2 7.8#

138 0.0 14.9 22.3#



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 138.00 (137.70 to 138.70): BF0



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.82 min Scan# 1315

Delta R.T. -0.02 min

Lab File: BF099915.D

Acq: 28 Oct 2017 14:16

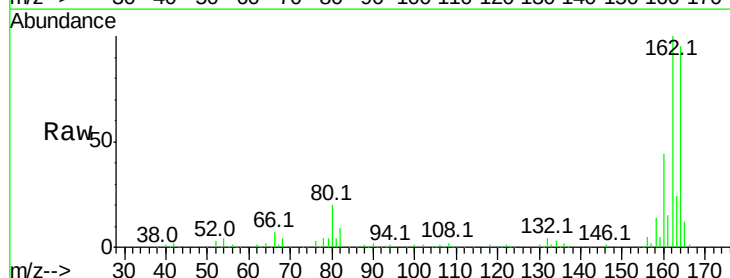
Tgt Ion:164 Resp: 212979

Ion Ratio Lower Upper

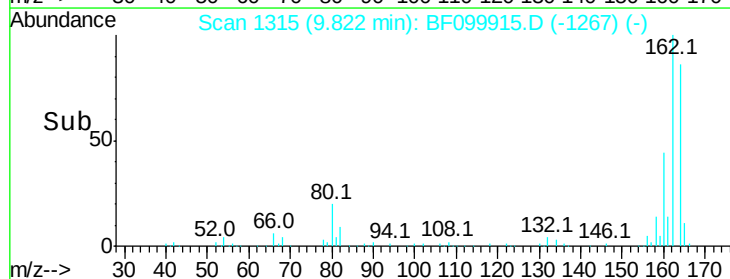
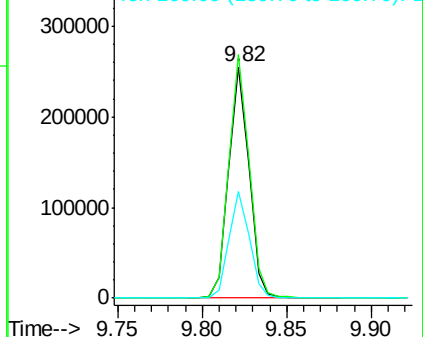
164 100

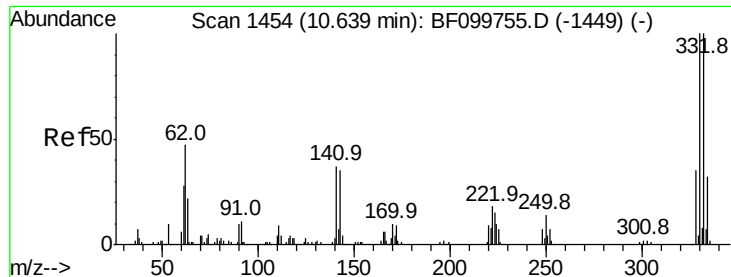
162 105.3 86.1 129.1

160 46.0 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

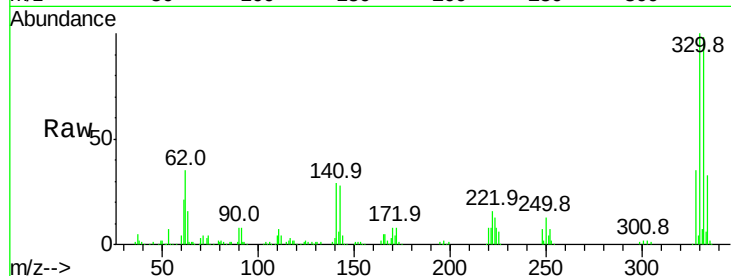




#41
 2,4,6-Tribromophenol
 Concen: 94.849 ng
 RT: 10.62 min Scan# 1451
 Delta R.T. -0.02 min
 Lab File: BF099915.D
 Acq: 28 Oct 2017 14:16

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.9	77.0	115.6
141	33.7	29.9	44.9

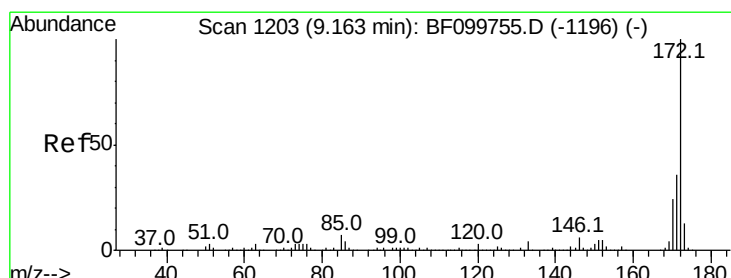
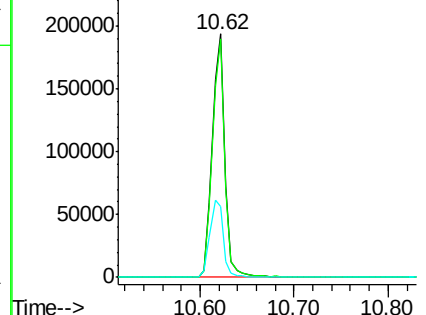
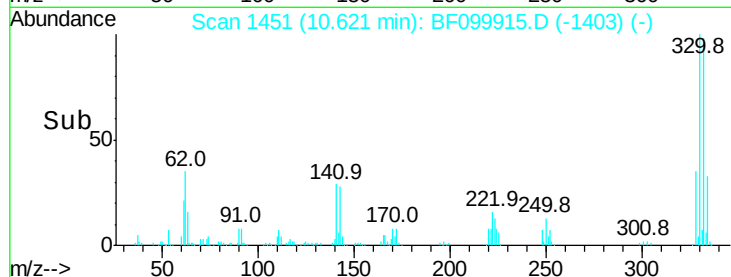


Abundance

Ion 329.80 (329.50 to 330.50): E

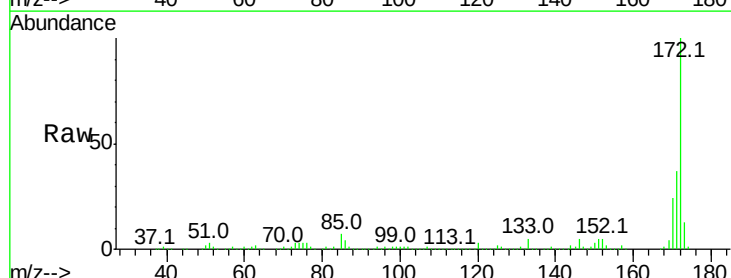
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 84.174 ng
 RT: 9.15 min Scan# 1200
 Delta R.T. -0.01 min
 Lab File: BF099915.D
 Acq: 28 Oct 2017 14:16

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.7	29.7	44.5
170	23.8	19.6	29.4

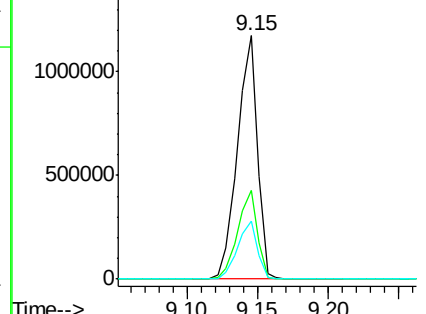
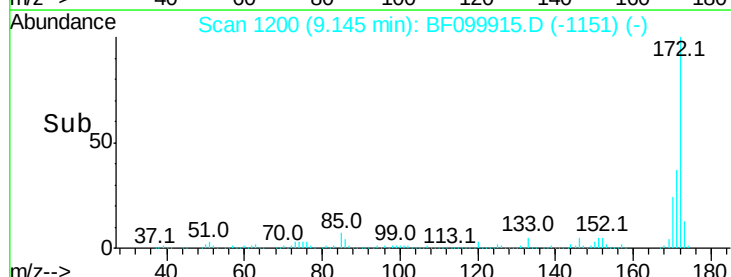


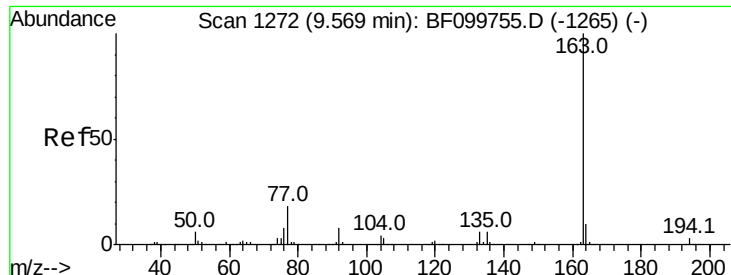
Abundance

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

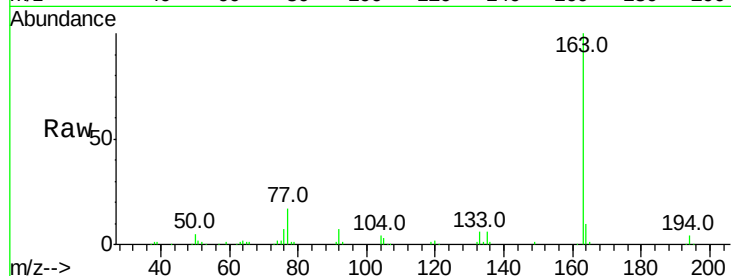




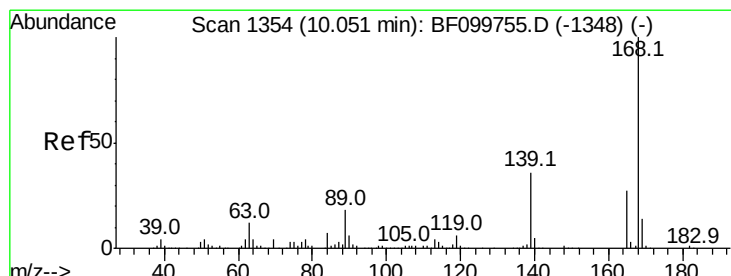
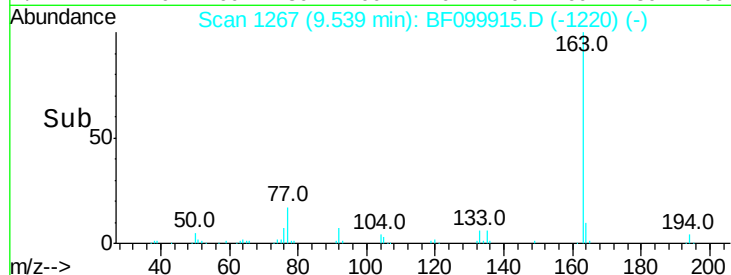
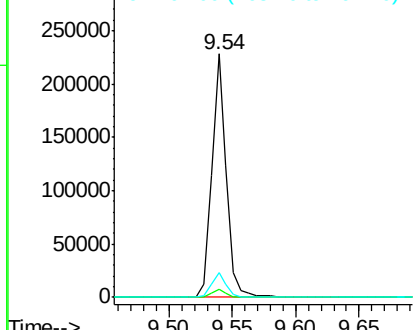
#49
 Dimethylphthalate
 Concen: 10.876 ng
 RT: 9.54 min Scan# 1267
 Delta R.T. -0.02 min
 Lab File: BF099915.D
 Acq: 28 Oct 2017 14:16

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:163 Resp: 183429
 Ion Ratio Lower Upper
 163 100
 194 3.5 2.7 4.1
 164 10.3 8.2 12.2

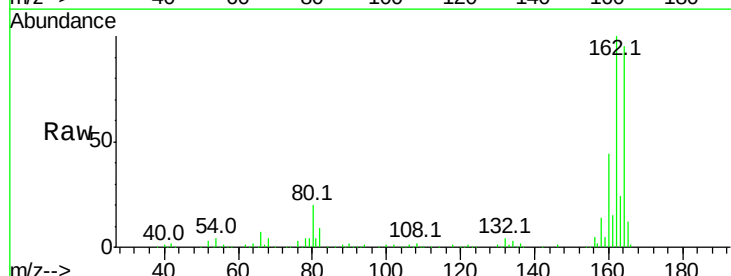


Abundance Ion 163.00 (162.70 to 163.70): E
 Ion 194.00 (193.70 to 194.70): E
 Ion 164.00 (163.70 to 164.70): E

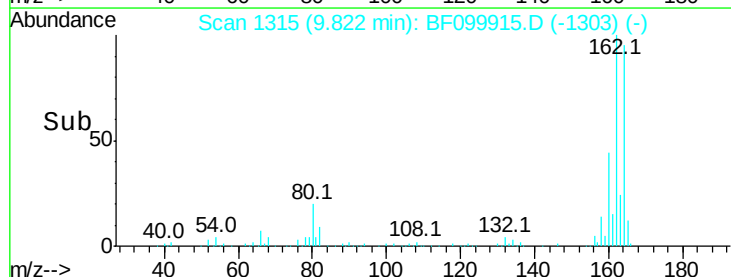
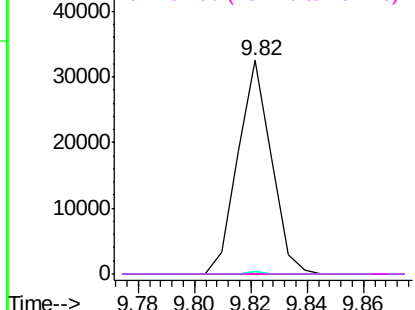


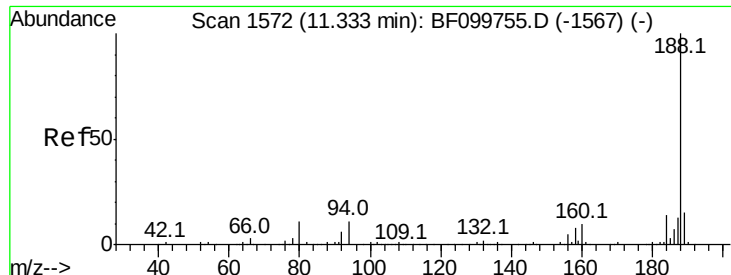
#56
 2,4-Dinitrotoluene
 Concen: 6.230 ng
 RT: 9.82 min Scan# 1315
 Delta R.T. -0.23 min
 Lab File: BF099915.D
 Acq: 28 Oct 2017 14:16

Tgt Ion:165 Resp: 26601
 Ion Ratio Lower Upper
 165 100
 63 1.2 36.4 54.6#
 89 1.4 57.8 86.6#
 182 0.0 1.6 2.4#



Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0
 Ion 182.00 (181.70 to 182.70): E

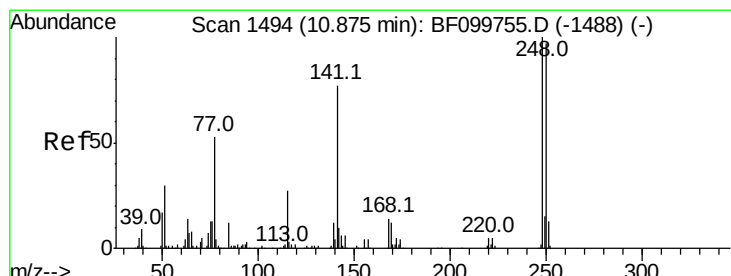
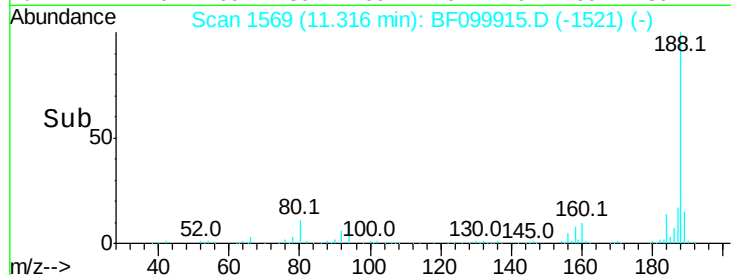
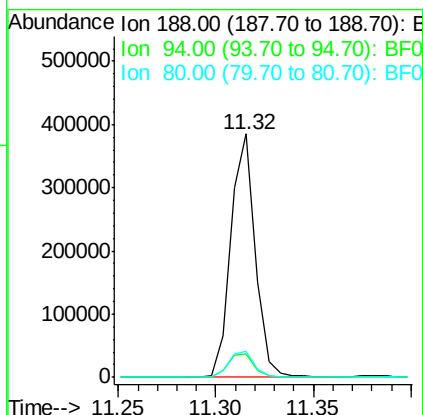
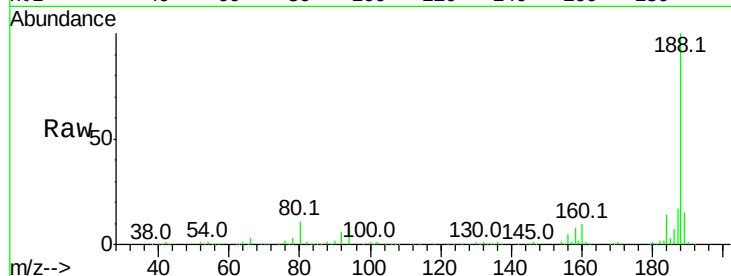




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1569
Delta R.T. -0.02 min
Lab File: BF099915.D
Acq: 28 Oct 2017 14:16

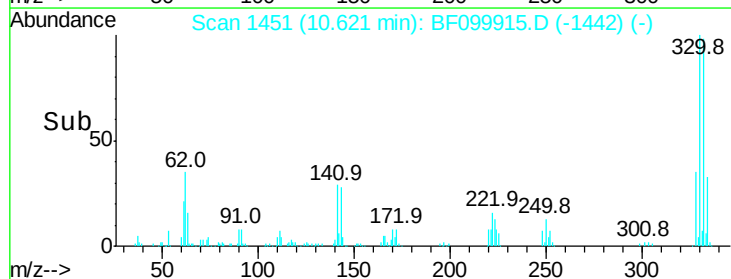
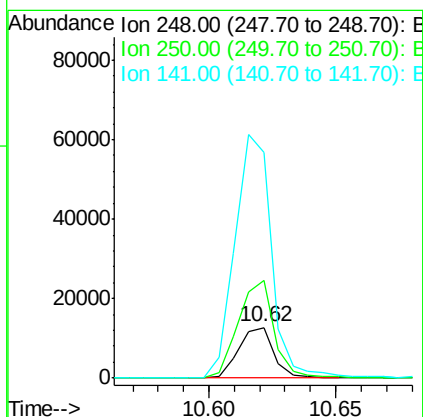
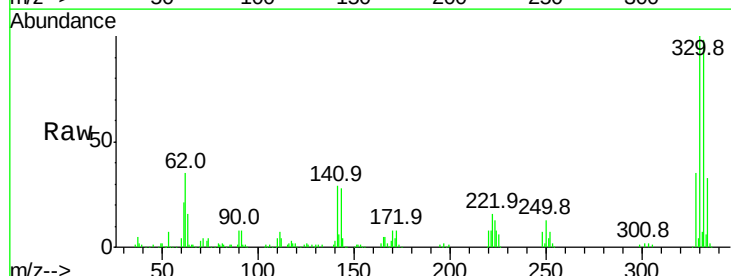
Instrument :
BNA_F
ClientSampleId :

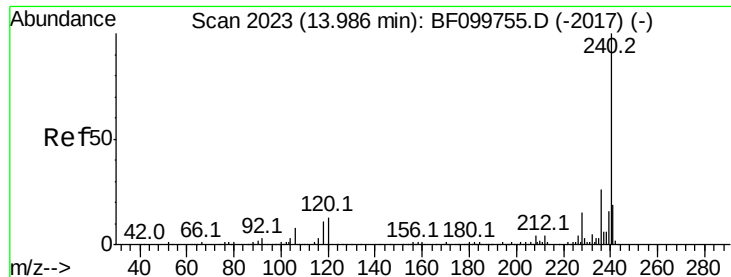
Tot Ion	Ratio	Lower	Upper
188	100		
94	9.6	8.5	12.7
80	10.5	9.2	13.8



#66
4-Bromophenyl-phenylether
Concen: 3.467 ng
RT: 10.62 min Scan# 1451
Delta R.T. -0.25 min
Lab File: BF099915.D
Acq: 28 Oct 2017 14:16

Tgt Ion	Ratio	Lower	Upper
248	100		
250	193.6	76.9	115.3#
141	449.1	74.4	111.6#





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.96 min Scan# 2019

Delta R.T. -0.03 min

Lab File: BF099915.D

Acq: 28 Oct 2017 14:16

Instrument :

BNA_F

ClientSampleId :

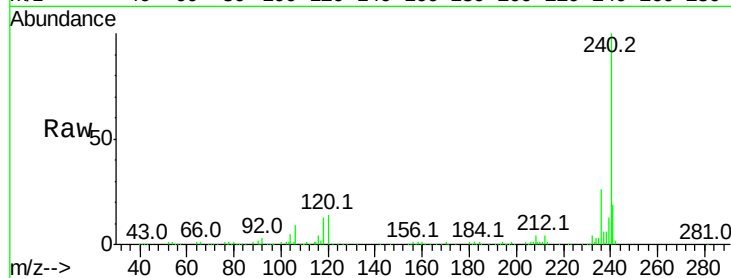
Tot Ion:240 Resp: 187750

Ion Ratio Lower Upper

240 100

120 14.2 9.5 14.3

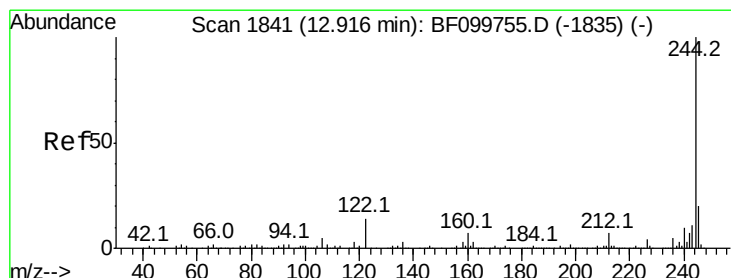
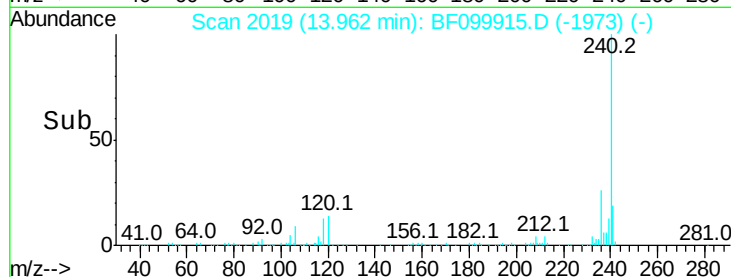
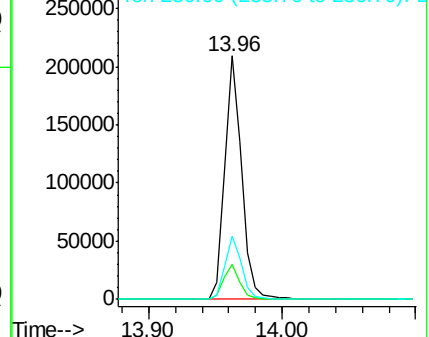
236 26.1 20.7 31.1



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: 88.538 ng

RT: 12.90 min Scan# 1838

Delta R.T. -0.02 min

Lab File: BF099915.D

Acq: 28 Oct 2017 14:16

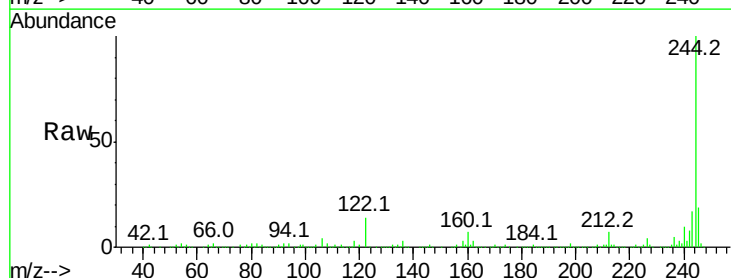
Tgt Ion:244 Resp: 760653

Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.0

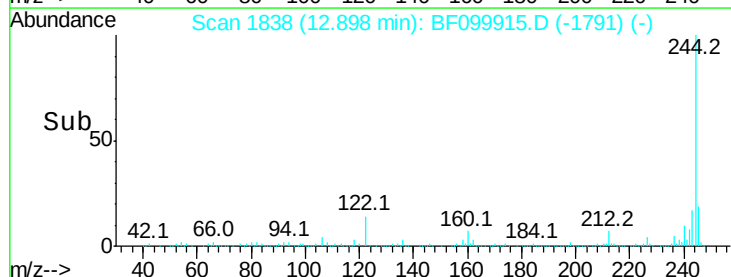
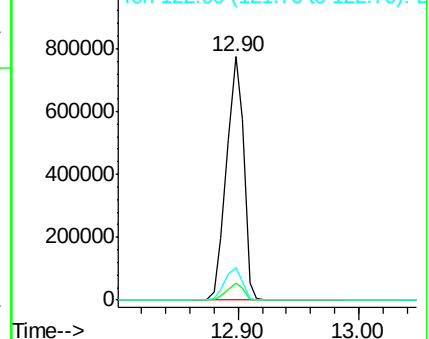
122 13.5 11.0 16.4

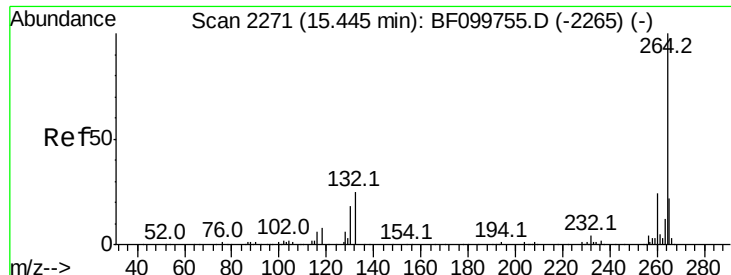


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

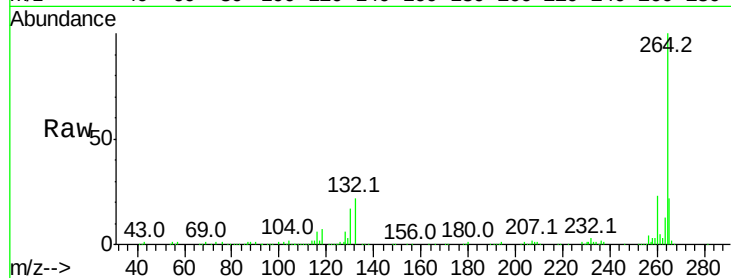




#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.43 min Scan# 2268
Delta R.T. -0.03 min
Lab File: BF099915.D
Acq: 28 Oct 2017 14:16

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.0	19.2	28.8
265	21.6	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

