

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100817\
 Data File : BF099244.D
 Acq On : 8 Oct 2017 20:52
 Operator : SJ/JU
 Sample : I5718-02 50X
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 09 01:15:01 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 05 17:20:48 2017
 Response via : Initial Calibration

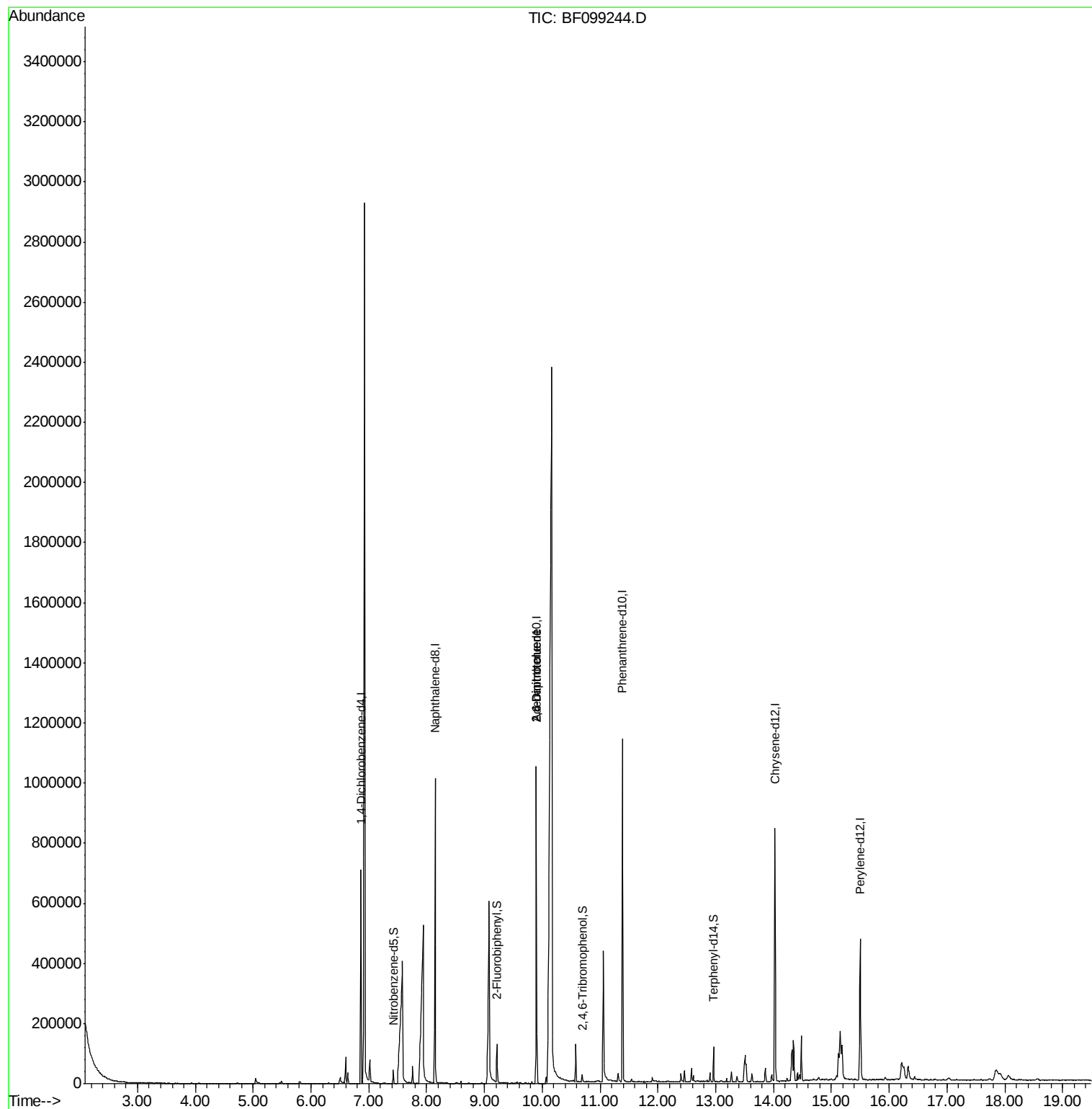
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	103773	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	439298	20.00	ng	0.00
38) Acenaphthene-d10	9.90	164	203157	20.00	ng	0.00
63) Phenanthrene-d10	11.39	188	365165	20.00	ng	0.00
75) Chrysene-d12	14.03	240	276791	20.00	ng	0.00
86) Perylene-d12	15.50	264	204370	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	4120	0.63	ng	0.00
7) Phenol-d6	6.50	99	3618	0.45	ng	0.00
23) Nitrobenzene-d5	7.42	82	14446	2.11	ng	-0.01
41) 2,4,6-Tribromophenol	10.69	330	3500	2.11	ng	0.00
44) 2-Fluorobiphenyl	9.22	172	35886	2.95	ng	-0.01
78) Terphenyl-d14	12.96	244	35516	2.92	ng	-0.01
Target Compounds						
50) 2,6-Dinitrotoluene	9.90	165	25988	7.79	ng	# 25
56) 2,4-Dinitrotoluene	9.90	165	25988	6.00	ng	# 23

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

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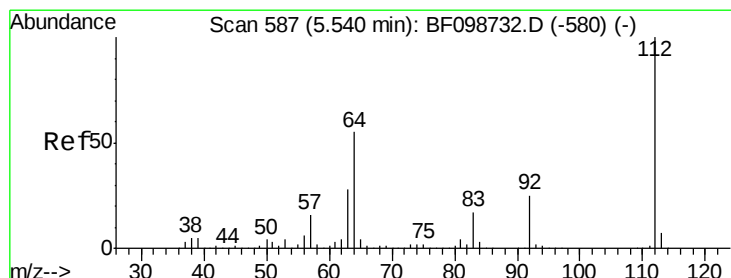
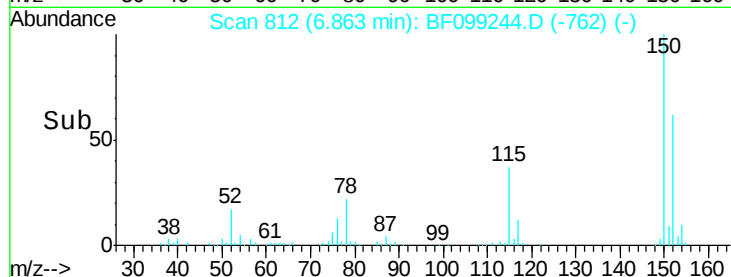
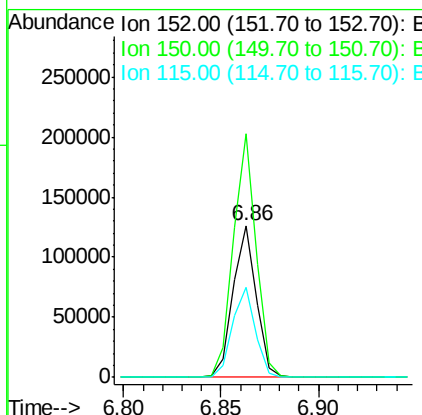
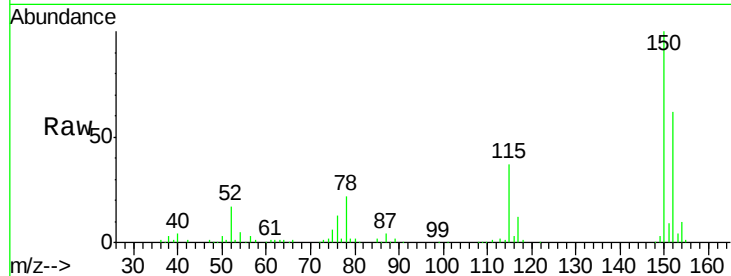


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.86 min Scan# 812
Delta R.T. -0.01 min
Lab File: BF099244.D
Acq: 8 Oct 2017 20:52

Instrument :
BNA_F
ClientSampled :

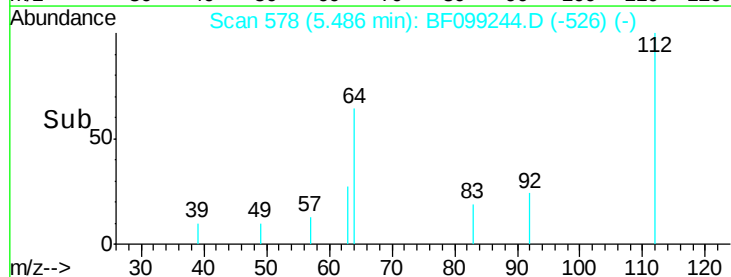
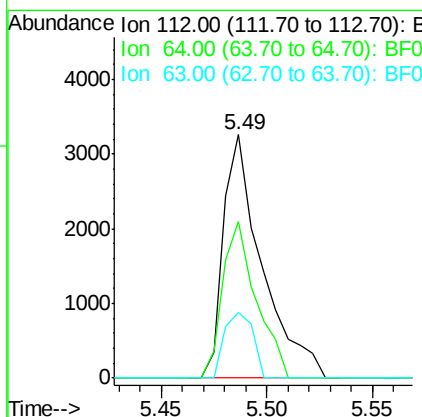
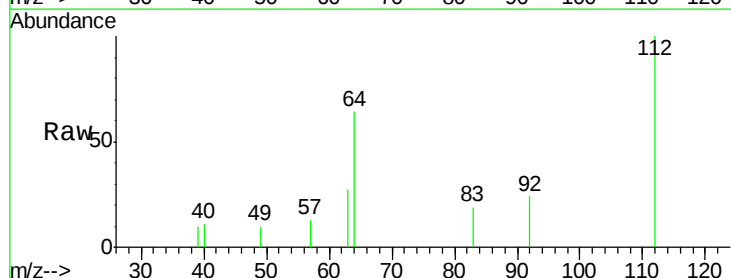
Tot Ion:152 Resp: 103773
Ion Ratio Lower Upper
152 100
150 160.2 124.6 186.8
115 59.0 50.1 75.1



#5

2-Fluorophenol
Concen: 0.63 ng
RT: 5.49 min Scan# 578
Delta R.T. 0.01 min
Lab File: BF099244.D
Acq: 8 Oct 2017 20:52

Tgt Ion:112 Resp: 4120
Ion Ratio Lower Upper
112 100
64 64.4 47.9 71.9
63 27.1 23.7 35.5





#7

Phenol-d6

Concen: 0.45 ng

RT: 6.50 min Scan# 750

Delta R.T. -0.00 min

Lab File: BF099244.D

Acq: 8 Oct 2017 20:52

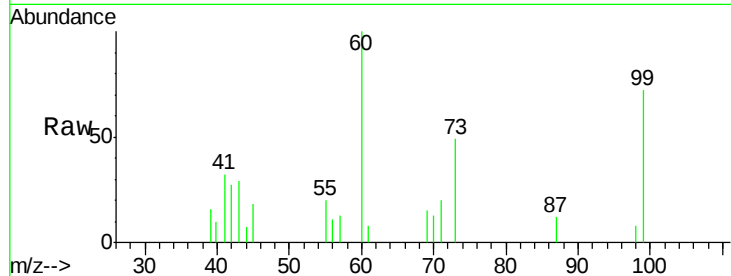
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 3618

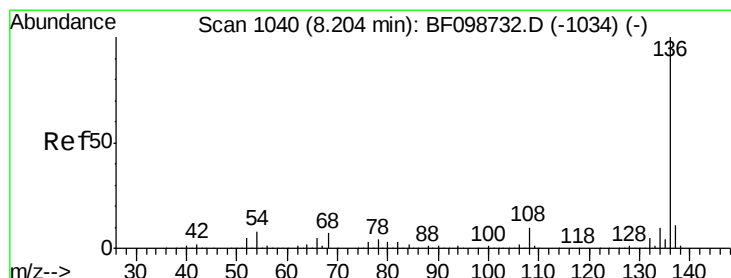
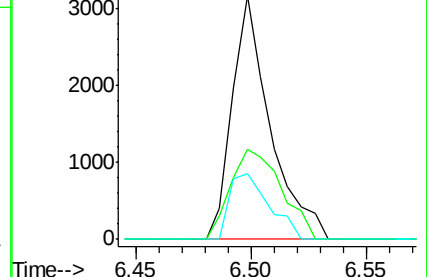
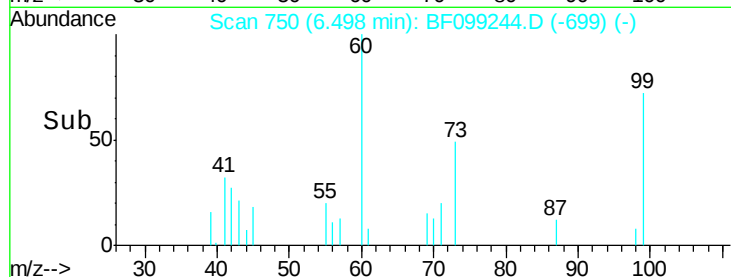
Ion	Ratio	Lower	Upper
99	100		
42	37.0	14.5	21.7#
71	27.2	25.4	38.0



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



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.15 min Scan# 1030

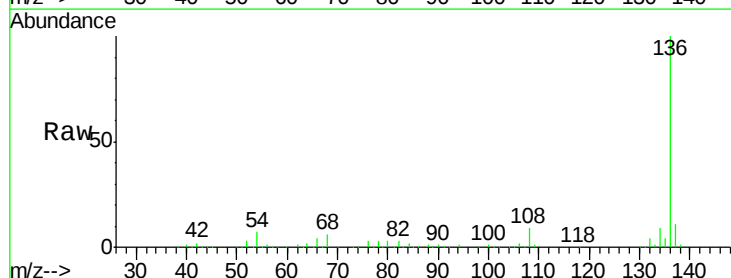
Delta R.T. -0.01 min

Lab File: BF099244.D

Acq: 8 Oct 2017 20:52

Tgt Ion: 136 Resp: 439298

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	6.8	6.6	9.8
68	5.9	5.0	7.4

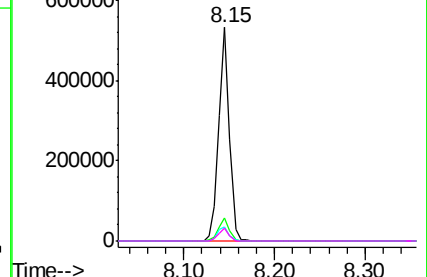
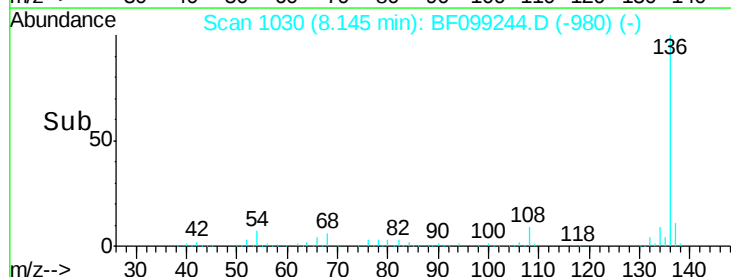


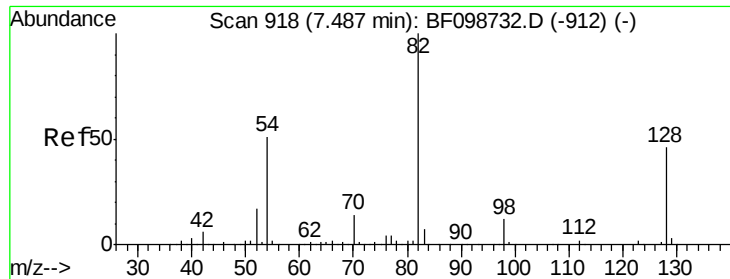
Abundance Ion 136.00 (135.70 to 136.70): E

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

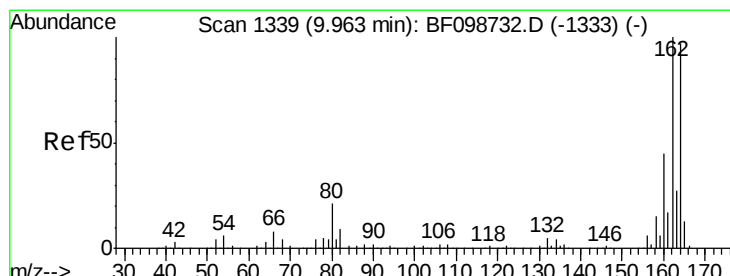
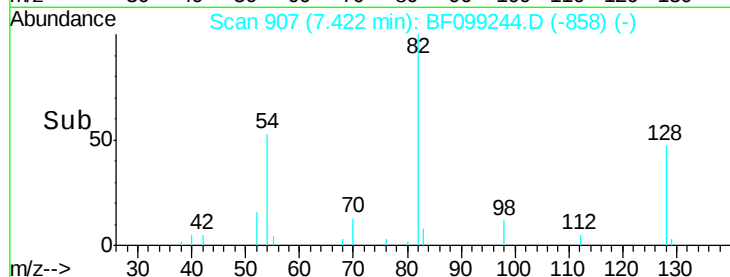
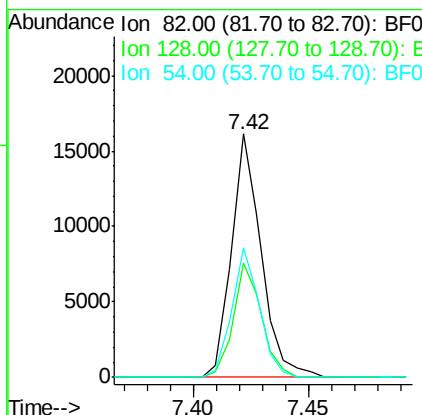
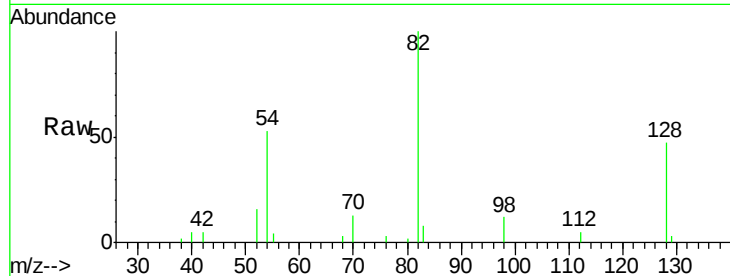




#23
 Nitrobenzene-d5
 Concen: 2.11 ng
 RT: 7.42 min Scan# 907
 Delta R.T. -0.01 min
 Lab File: BF099244.D
 Acq: 8 Oct 2017 20:52

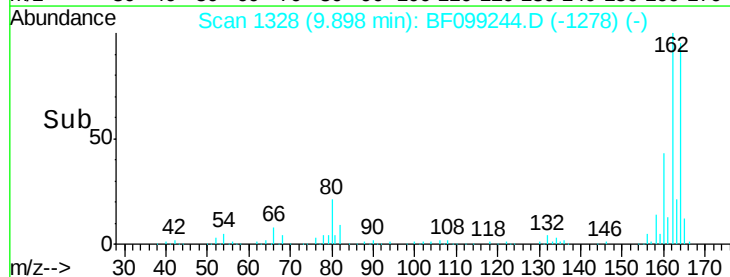
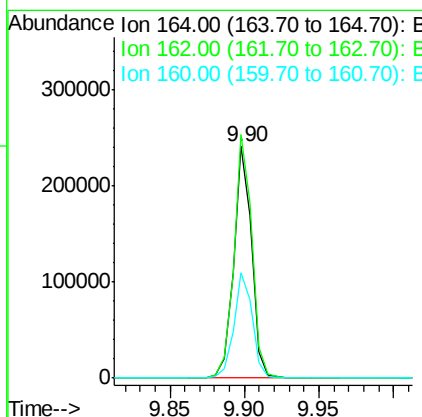
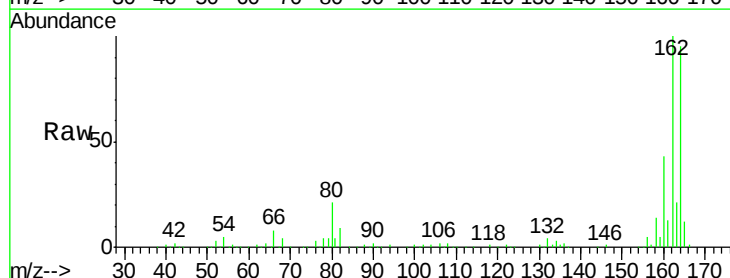
Instrument :
 BNA_F
 ClientSampleId :

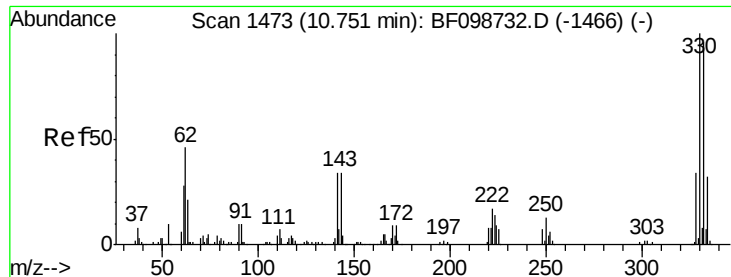
Tot Ion: 82 Resp: 14446
 Ion Ratio Lower Upper
 82 100
 128 46.9 36.1 54.1
 54 53.1 41.4 62.2



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.90 min Scan# 1328
 Delta R.T. -0.01 min
 Lab File: BF099244.D
 Acq: 8 Oct 2017 20:52

Tgt Ion:164 Resp: 203157
 Ion Ratio Lower Upper
 164 100
 162 105.1 86.1 129.1
 160 45.2 38.3 57.5





#41

2,4,6-Tribromophenol

Concen: 2.11 ng

RT: 10.69 min Scan# 1463

Delta R.T. -0.01 min

Lab File: BF099244.D

Acq: 8 Oct 2017 20:52

Instrument :

BNA_F

ClientSampled :

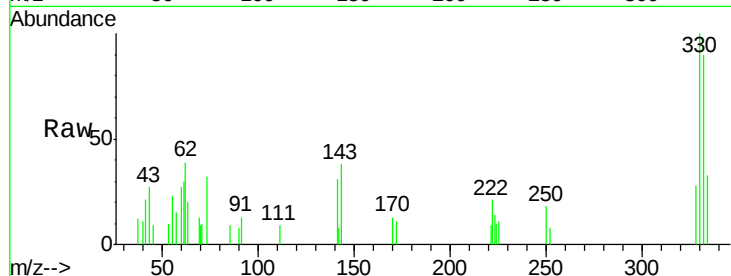
Tot Ion:330 Resp: 3500

Ion Ratio Lower Upper

330 100

332 97.8 77.0 115.6

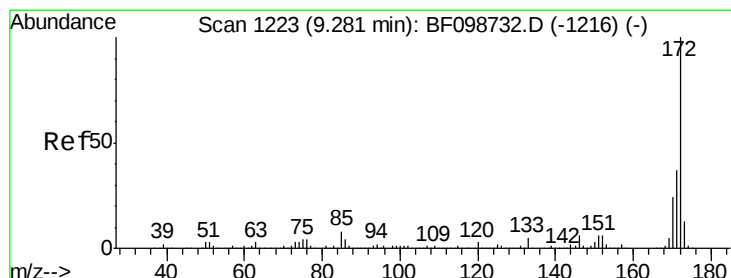
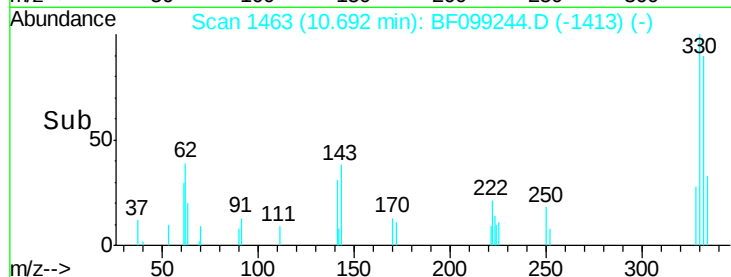
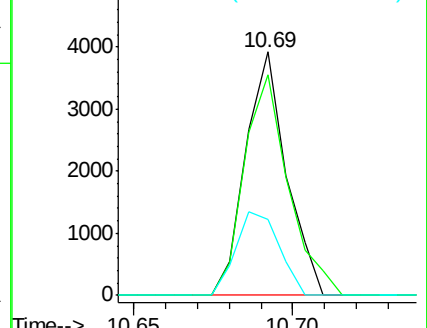
141 36.3 29.9 44.9



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: 2.95 ng

RT: 9.22 min Scan# 1212

Delta R.T. -0.01 min

Lab File: BF099244.D

Acq: 8 Oct 2017 20:52

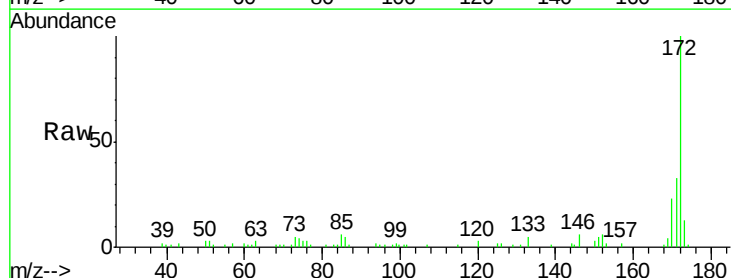
Tgt Ion:172 Resp: 35886

Ion Ratio Lower Upper

172 100

171 32.9 29.7 44.5

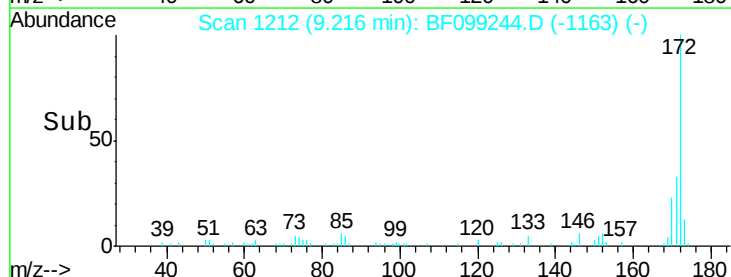
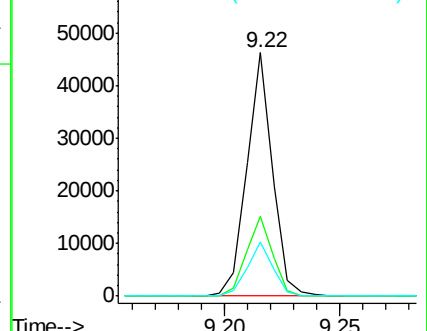
170 22.5 19.6 29.4

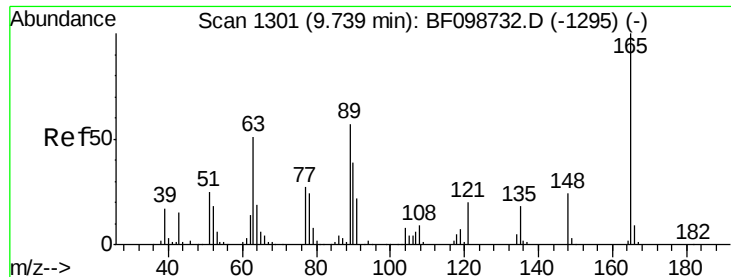


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

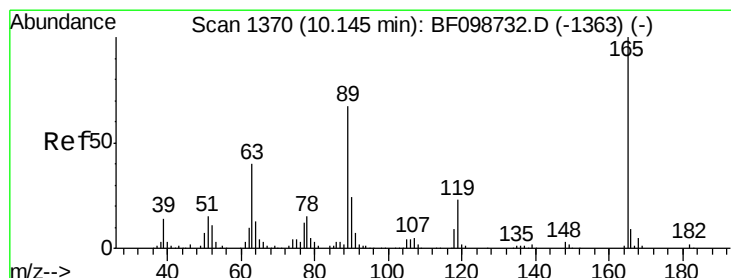
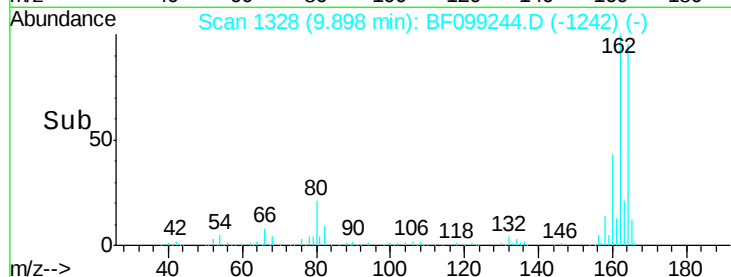
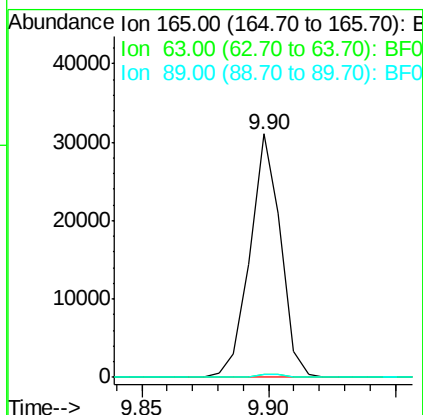
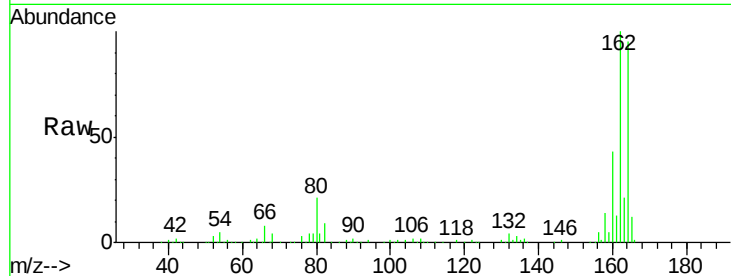




#50
 2,6-Dinitrotoluene
 Concen: 7.79 ng
 RT: 9.90 min Scan# 1328
 Delta R.T. 0.21 min
 Lab File: BF099244.D
 Acq: 8 Oct 2017 20:52

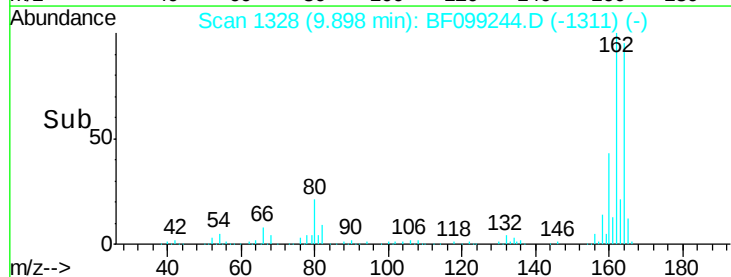
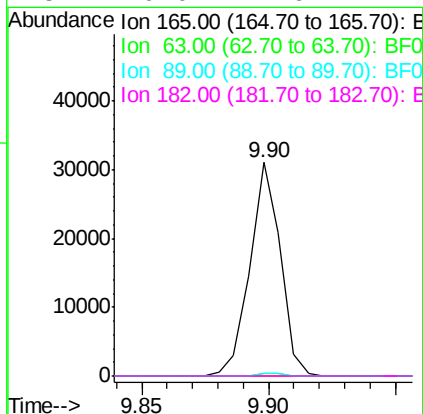
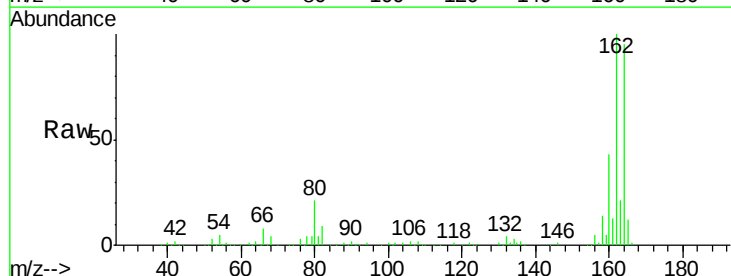
Instrument :
 BNA_F
 ClientSampleId :

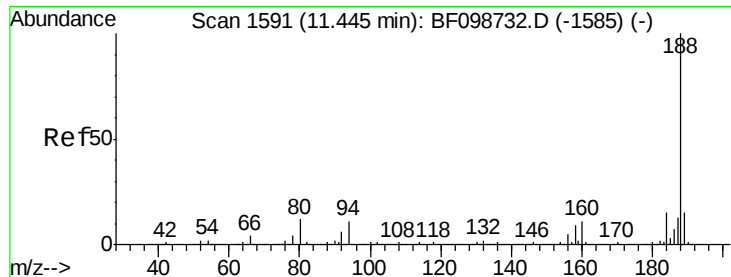
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.1	44.7	67.1#
89	1.3	44.0	66.0#



#56
 2,4-Dinitrotoluene
 Concen: 6.00 ng
 RT: 9.90 min Scan# 1328
 Delta R.T. -0.20 min
 Lab File: BF099244.D
 Acq: 8 Oct 2017 20:52

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.1	36.4	54.6#
89	1.3	57.8	86.6#
182	0.0	1.6	2.4#

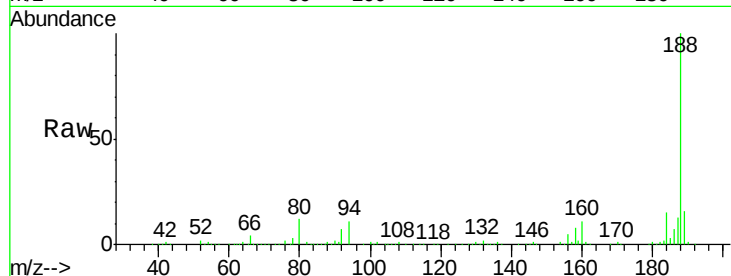




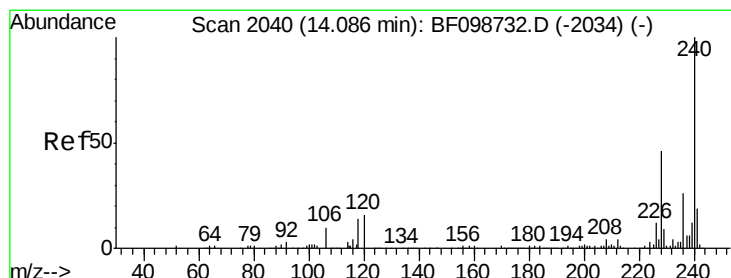
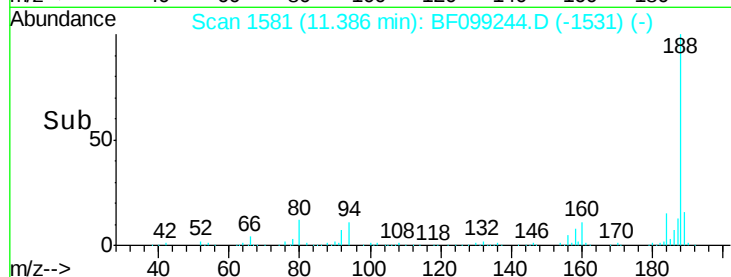
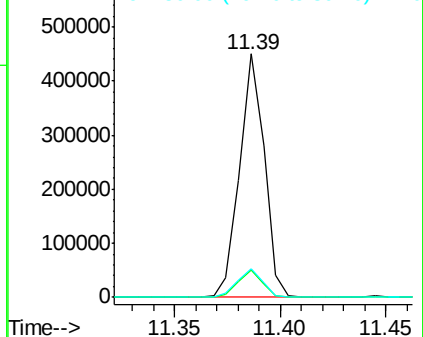
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.39 min Scan# 1581
Delta R.T. -0.01 min
Lab File: BF099244.D
Acq: 8 Oct 2017 20:52

Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 365165
Ion Ratio Lower Upper
188 100
94 11.2 8.5 12.7
80 12.0 9.2 13.8

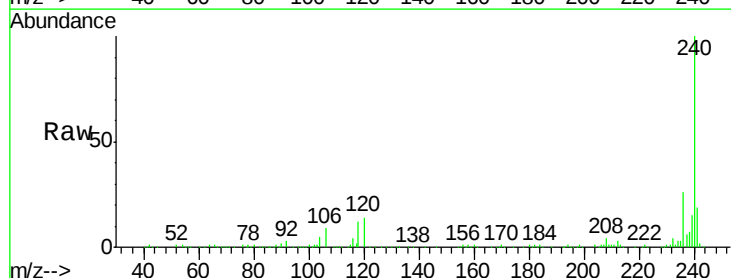


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

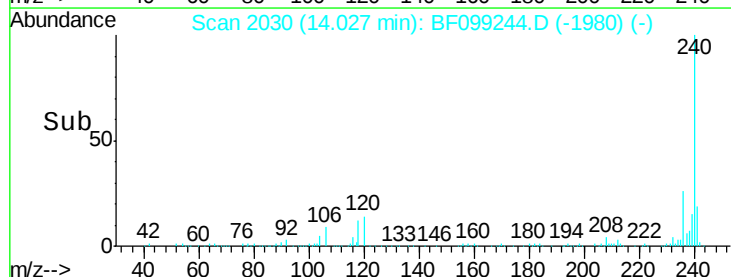
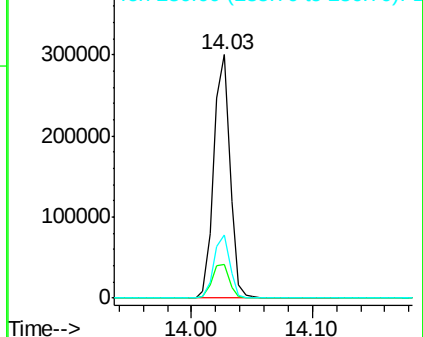


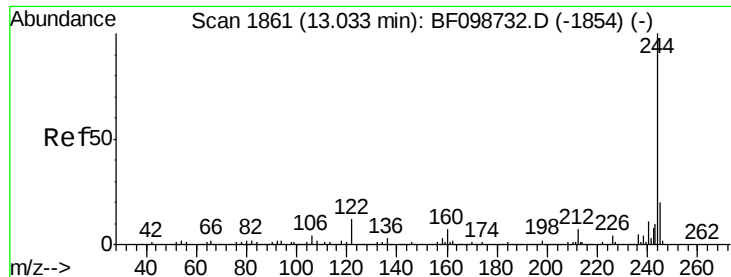
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.03 min Scan# 2030
Delta R.T. -0.01 min
Lab File: BF099244.D
Acq: 8 Oct 2017 20:52

Tgt Ion:240 Resp: 276791
Ion Ratio Lower Upper
240 100
120 13.7 9.5 14.3
236 25.8 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

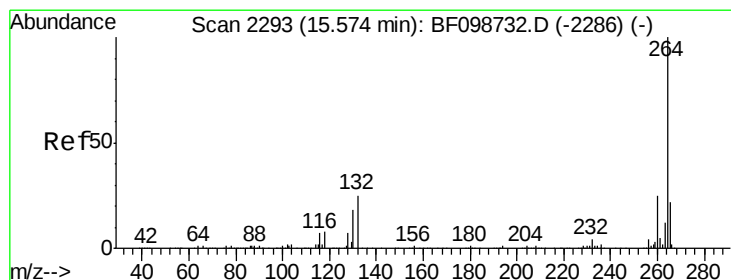
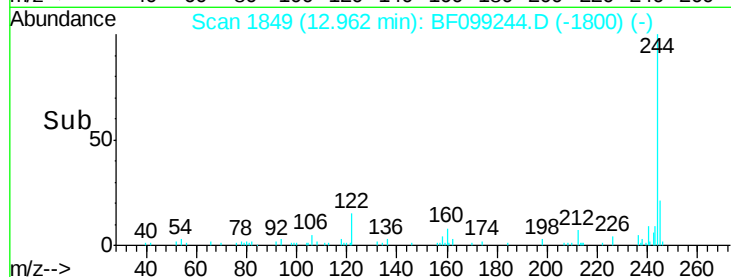
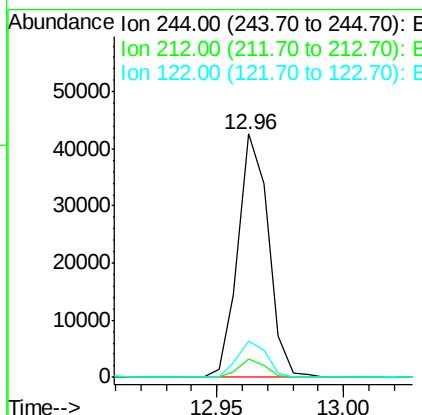
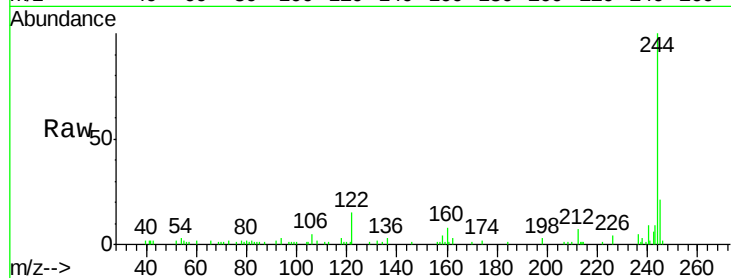




#78
 Terphenyl-d14
 Concen: 2.92 ng
 RT: 12.96 min Scan# 1849
 Delta R.T. -0.01 min
 Lab File: BF099244.D
 Acq: 8 Oct 2017 20:52

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:244 Resp: 35516
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.4 8.0
 122 15.0 11.0 16.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.50 min Scan# 2280
 Delta R.T. -0.01 min
 Lab File: BF099244.D
 Acq: 8 Oct 2017 20:52

Tgt Ion:264 Resp: 204370
 Ion Ratio Lower Upper
 264 100
 260 23.9 19.2 28.8
 265 22.0 17.5 26.3

