

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF120817\
 Data File : BF101243.D
 Acq On : 8 Dec 2017 18:37
 Operator : SJ/JU
 Sample : I6680-07 5X
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 08 21:42:28 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF113017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 08 18:17:31 2017
 Response via : Initial Calibration

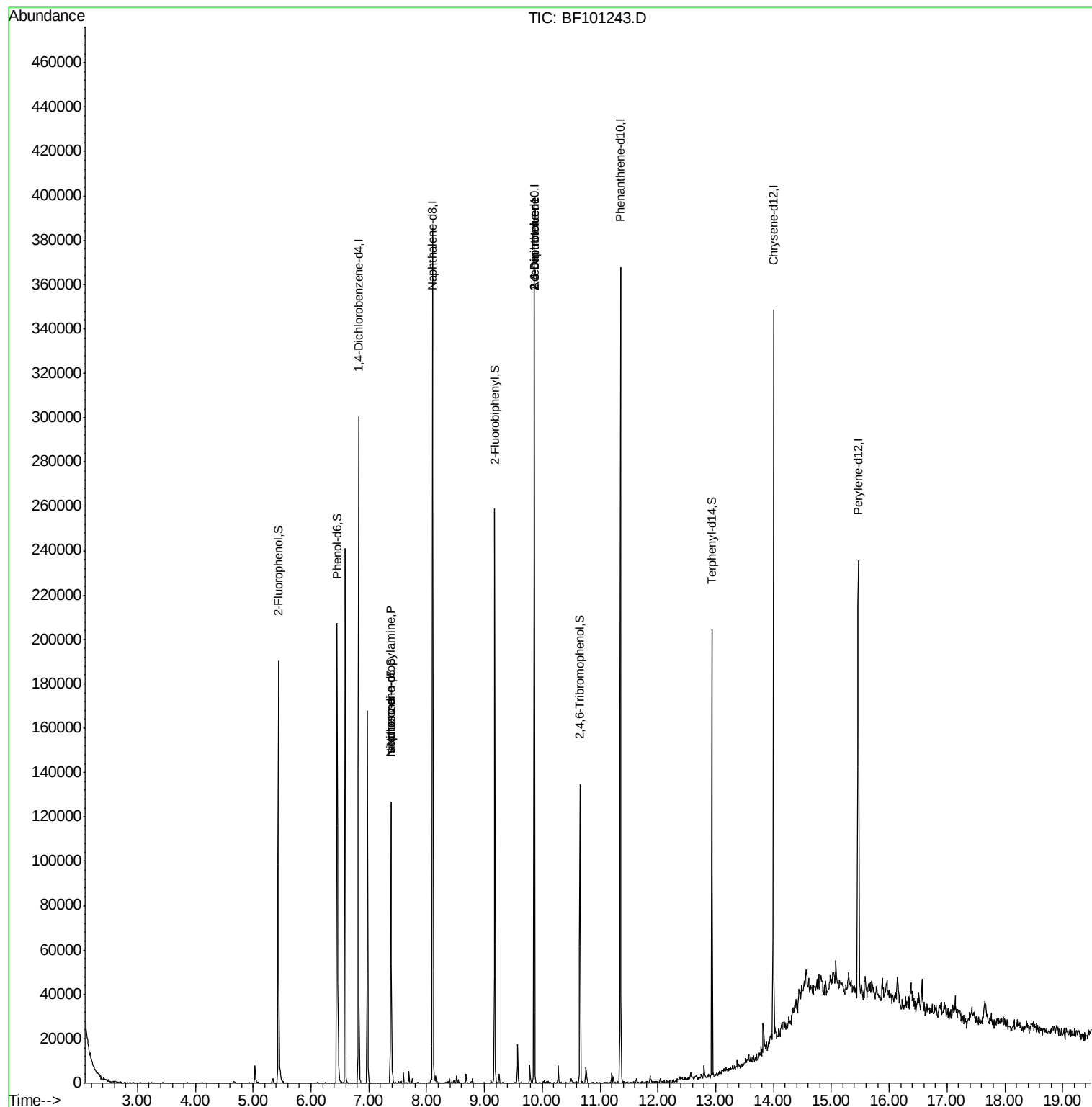
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	42666	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	165132	20.00	ng	0.00
38) Acenaphthene-d10	9.86	164	72989	20.00	ng	0.00
63) Phenanthrene-d10	11.35	188	125794	20.00	ng	0.00
75) Chrysene-d12	14.00	240	100858	20.00	ng	0.00
86) Perylene-d12	15.47	264	87629	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	56093	21.72	ng	0.00
7) Phenol-d6	6.45	99	67356	21.49	ng	-0.01
23) Nitrobenzene-d5	7.39	82	38726	13.99	ng	-0.01
41) 2,4,6-Tribromophenol	10.65	330	15745	17.96	ng	-0.01
44) 2-Fluorobiphenyl	9.18	172	80989	15.18	ng	0.00
78) Terphenyl-d14	12.93	244	60538	13.13	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.39	70	5174	2.451	ng	# 77
25) Isophorone	7.39	82	38726	8.190	ng	# 64
50) 2,6-Dinitrotoluene	9.86	165	9303	7.504	ng	# 24
56) 2,4-Dinitrotoluene	9.86	165	9303	5.599	ng	# 21

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

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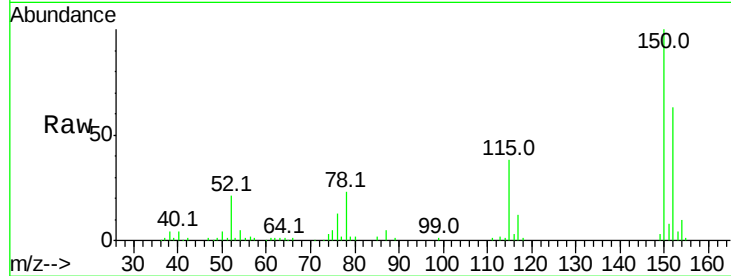


#1

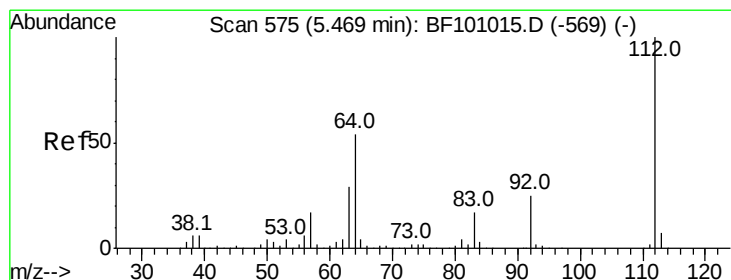
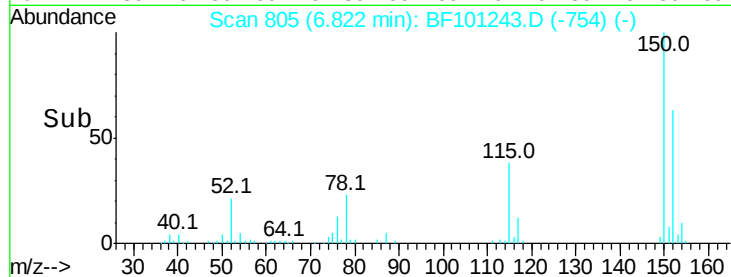
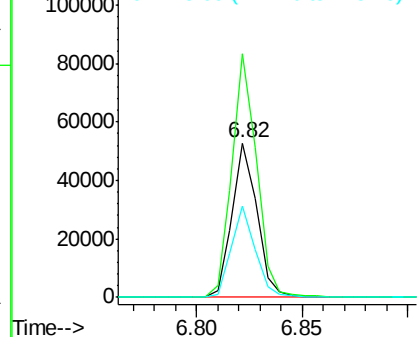
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 805
Delta R.T. 0.00 min
Lab File: BF101243.D
Acq: 8 Dec 2017 18:37

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 42666
Ion Ratio Lower Upper
152 100
150 157.5 124.6 186.8
115 59.4 50.1 75.1



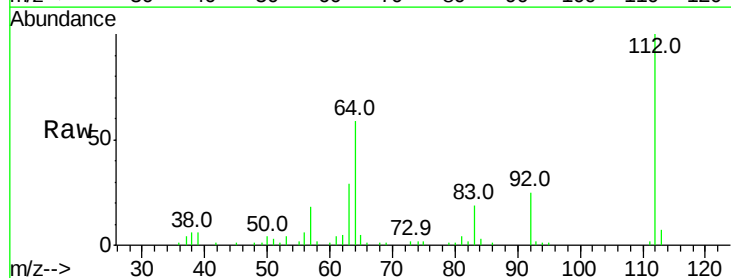
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



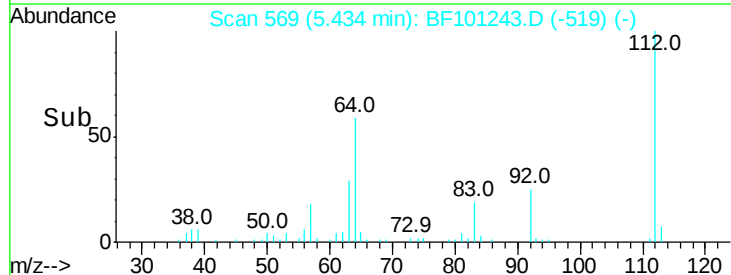
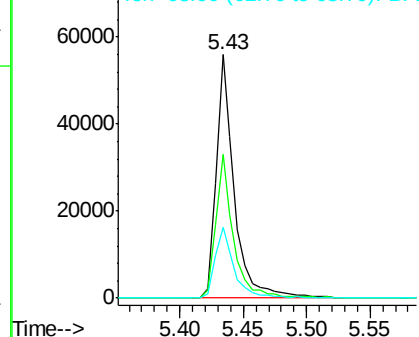
#5

2-Fluorophenol
Concen: 21.725 ng
RT: 5.43 min Scan# 569
Delta R.T. -0.01 min
Lab File: BF101243.D
Acq: 8 Dec 2017 18:37

Tgt Ion:112 Resp: 56093
Ion Ratio Lower Upper
112 100
64 59.2 47.9 71.9
63 28.8 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 21.487 ng

RT: 6.45 min Scan# 742

Delta R.T. -0.01 min

Lab File: BF101243.D

Acq: 8 Dec 2017 18:37

Instrument :

BNA_F

ClientSampled :

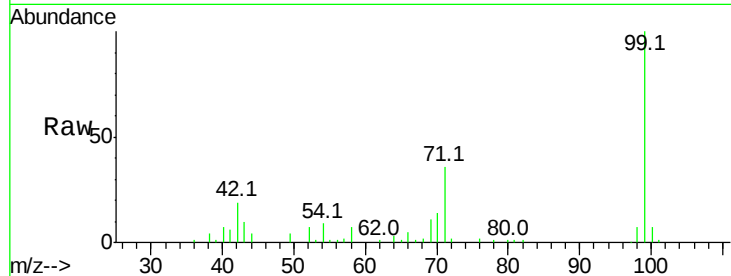
Tot Ion: 99 Resp: 67356

Ion Ratio Lower Upper

99 100

42 19.0 14.5 21.7

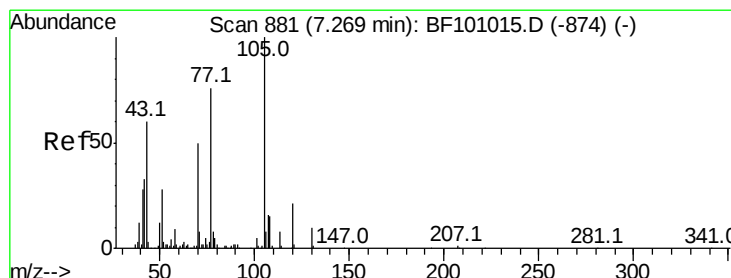
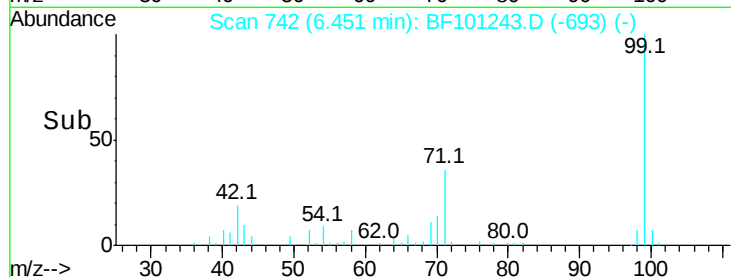
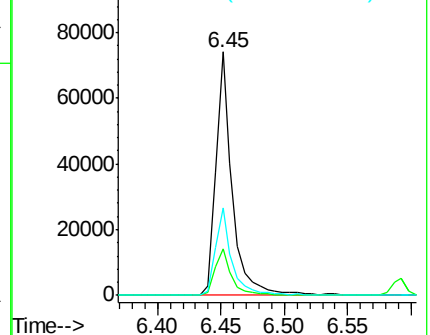
71 35.9 25.4 38.0



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#19

n-Nitroso-di-n-propylamine

Concen: 2.451 ng

RT: 7.39 min Scan# 901

Delta R.T. 0.15 min

Lab File: BF101243.D

Acq: 8 Dec 2017 18:37

Tgt Ion: 70 Resp: 5174

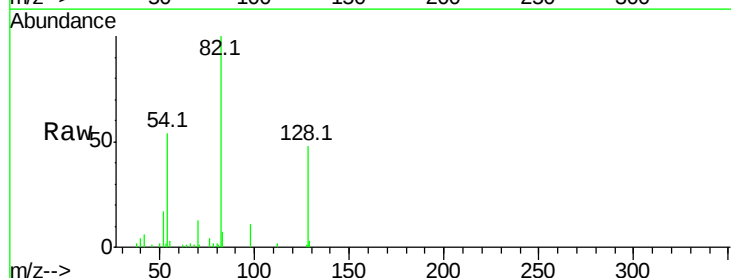
Ion Ratio Lower Upper

70 100

42 48.4 47.5 71.3

101 0.0 7.4 11.2#

130 0.0 16.6 25.0#

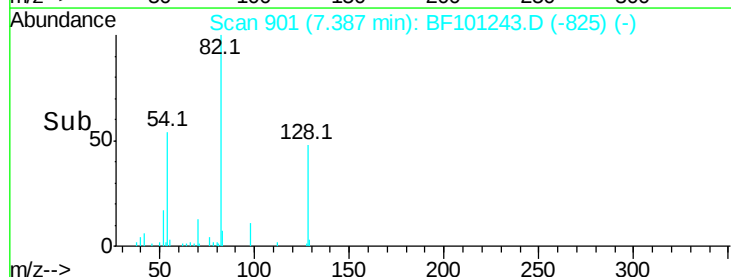
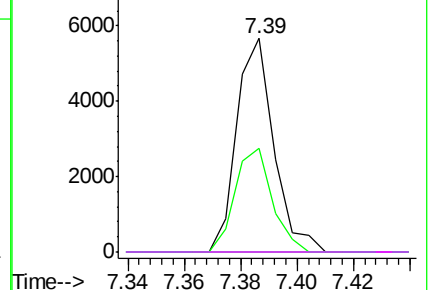


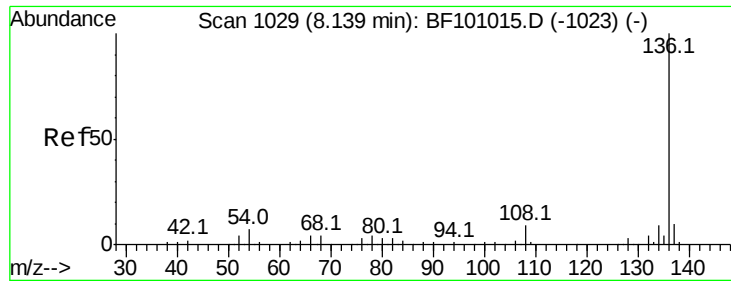
Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1

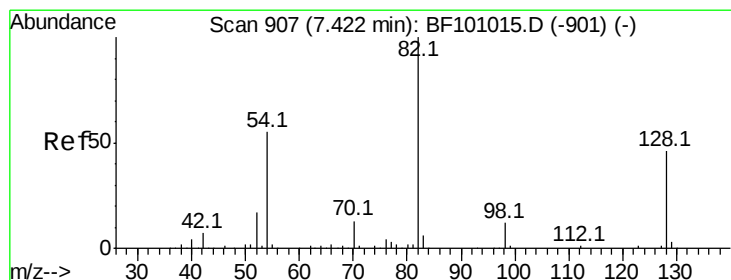
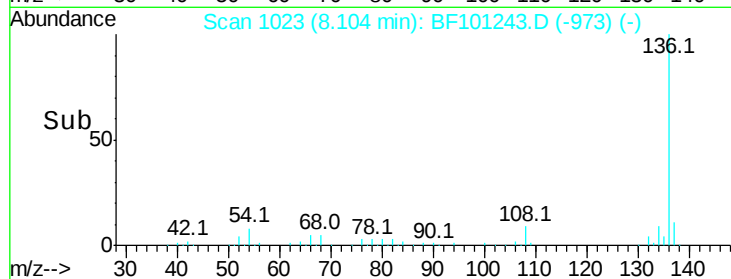
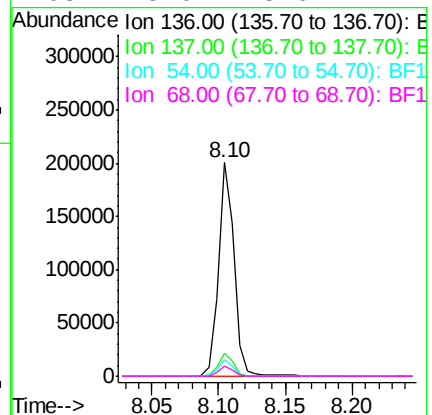
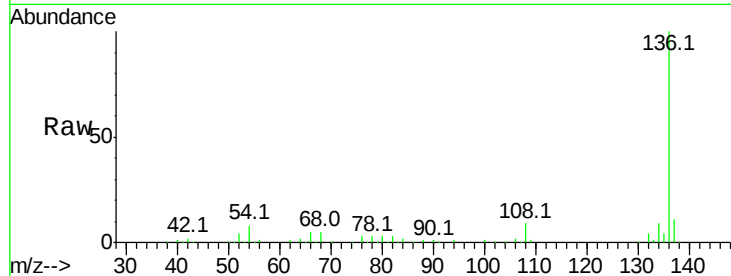




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.10 min Scan# 1023
Delta R.T. -0.01 min
Lab File: BF101243.D
Acq: 8 Dec 2017 18:37

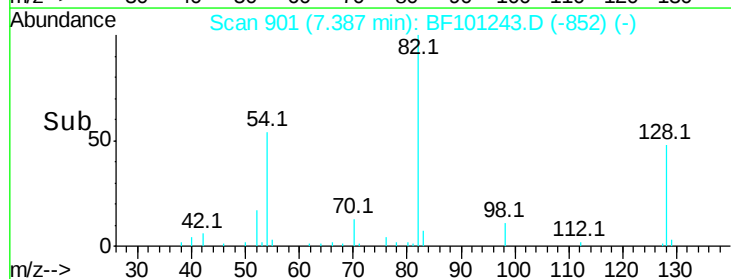
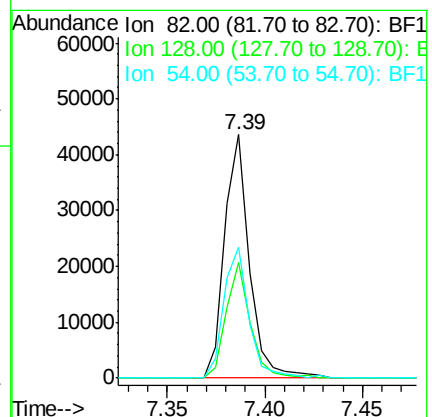
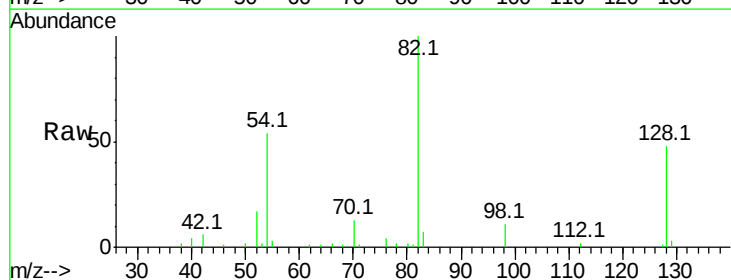
Instrument :
BNA_F
ClientSampleId :

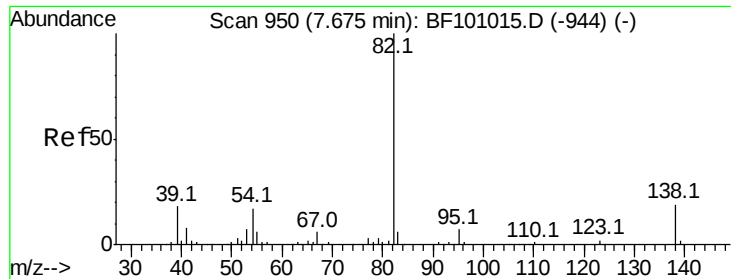
Tot Ion:	136	Resp:	165132
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.9	13.3
54	7.6	6.6	9.8
68	5.0	5.0	7.4



#23
Nitrobenzene-d5
Concen: 13.990 ng
RT: 7.39 min Scan# 901
Delta R.T. -0.01 min
Lab File: BF101243.D
Acq: 8 Dec 2017 18:37

Tgt Ion:	82	Resp:	38726
Ion	Ratio	Lower	Upper
82	100		
128	47.5	36.1	54.1
54	53.8	41.4	62.2





#25

Isophorone

Concen: 8.190 ng

RT: 7.39 min Scan# 901

Delta R.T. -0.26 min

Lab File: BF101243.D

Acq: 8 Dec 2017 18:37

Instrument :

BNA_F

ClientSampled :

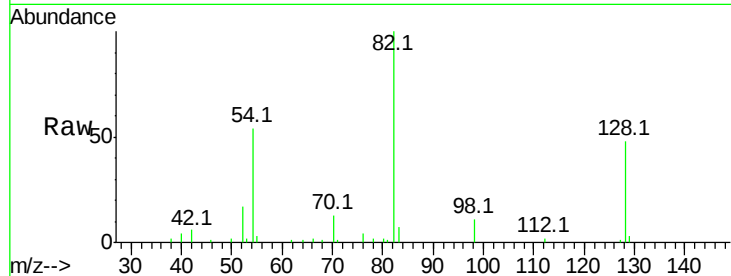
Tot Ion: 82 Resp: 38726

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

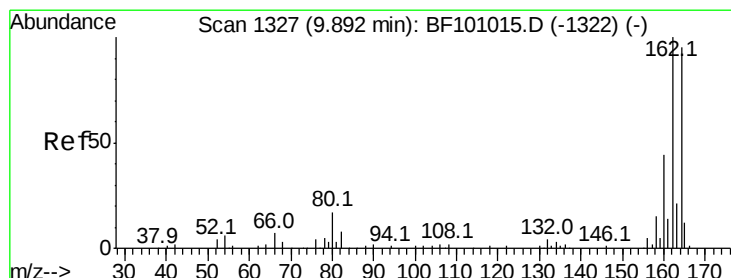
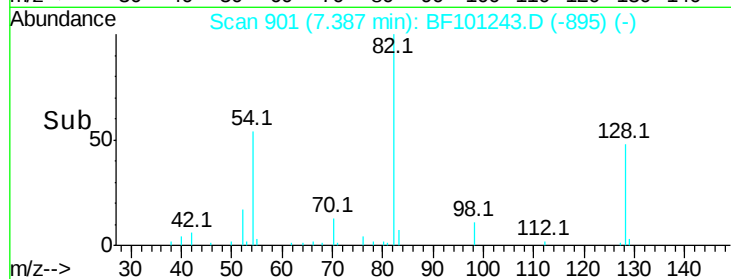
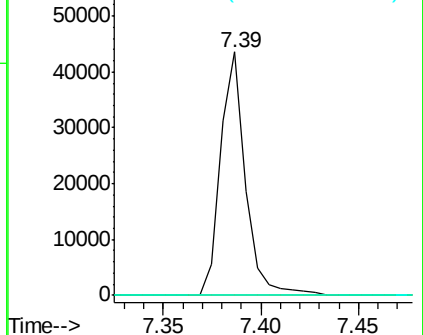
138 0.0 14.9 22.3#



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.86 min Scan# 1322

Delta R.T. -0.01 min

Lab File: BF101243.D

Acq: 8 Dec 2017 18:37

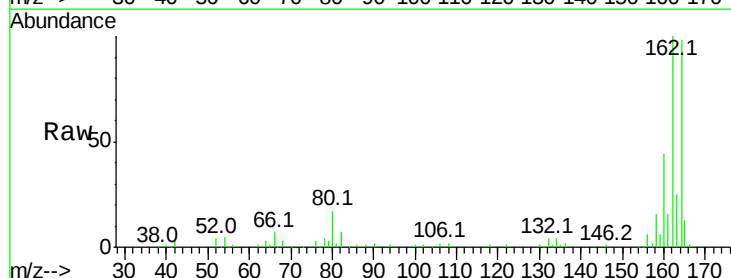
Tgt Ion:164 Resp: 72989

Ion Ratio Lower Upper

164 100

162 102.4 86.1 129.1

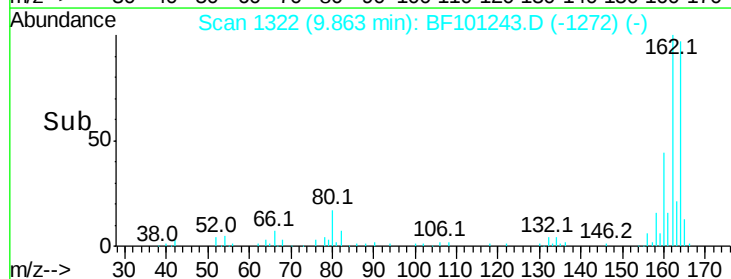
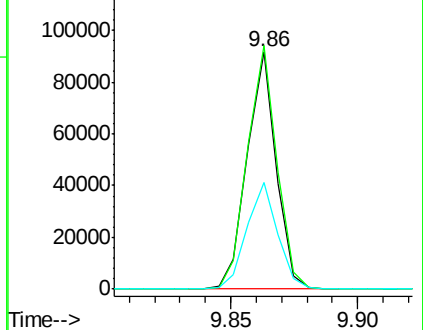
160 45.1 38.3 57.5



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

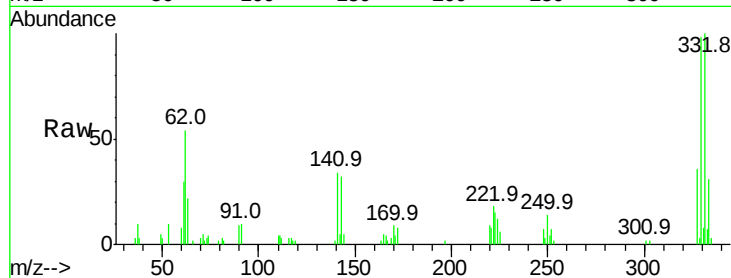




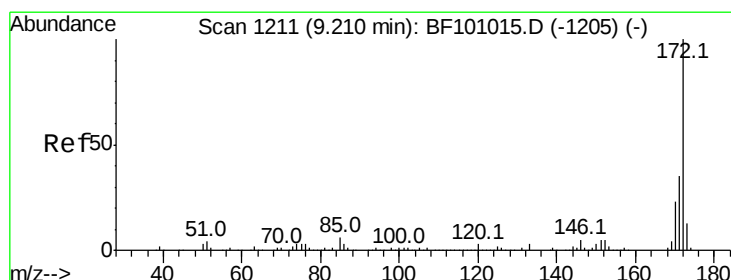
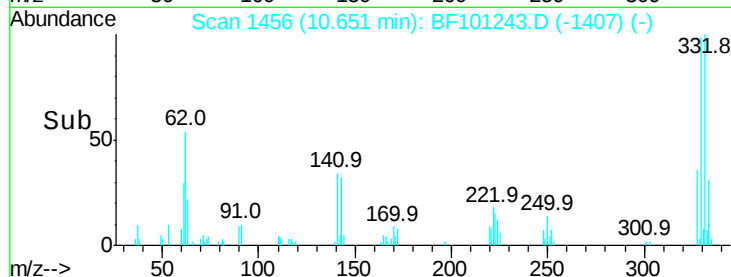
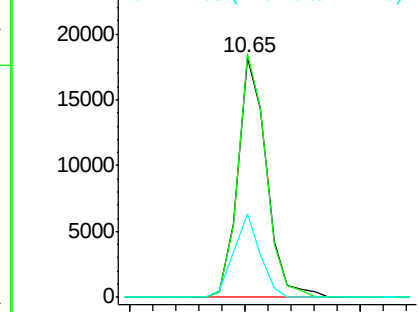
#41
 2,4,6-Tribromophenol
 Concen: 17.957 ng
 RT: 10.65 min Scan# 1456
 Delta R.T. -0.01 min
 Lab File: BF101243.D
 Acq: 8 Dec 2017 18:37

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
330	100		
332	99.0	77.0	115.6
141	31.9	29.9	44.9

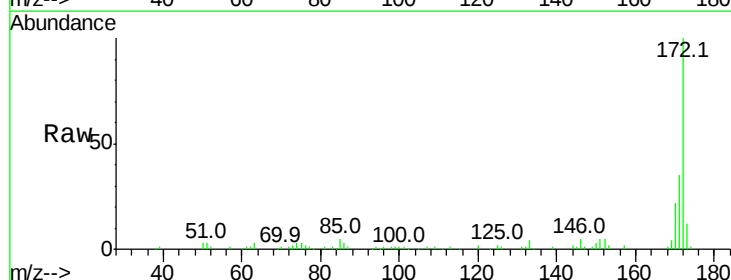


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

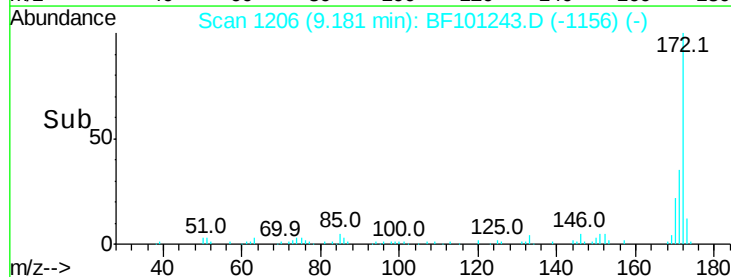
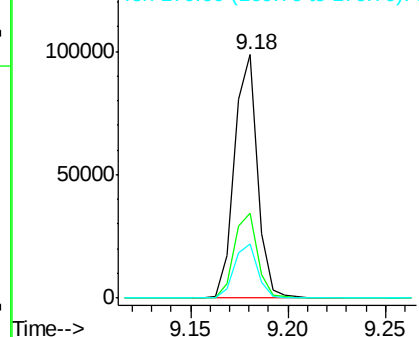


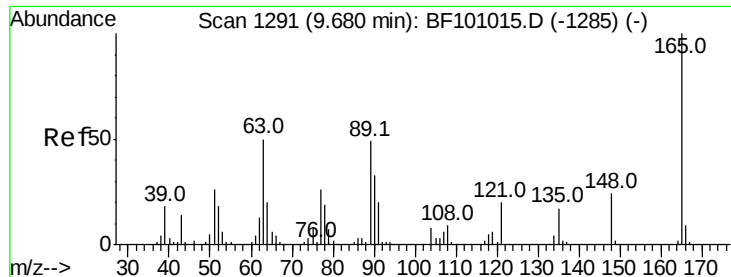
#44
 2-Fluorobiphenyl
 Concen: 15.182 ng
 RT: 9.18 min Scan# 1206
 Delta R.T. -0.01 min
 Lab File: BF101243.D
 Acq: 8 Dec 2017 18:37

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.7	29.7	44.5
170	22.4	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

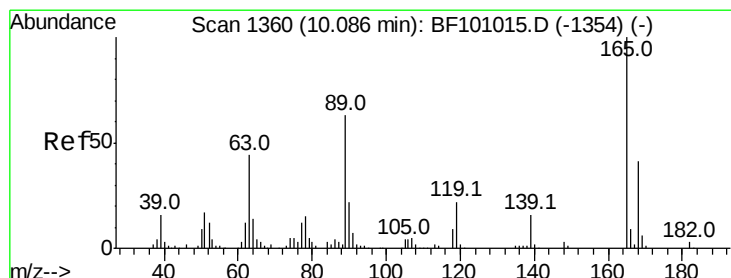
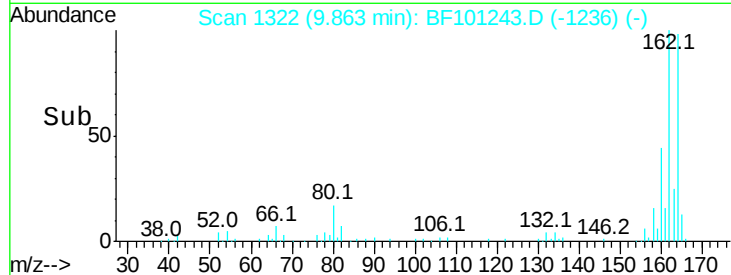
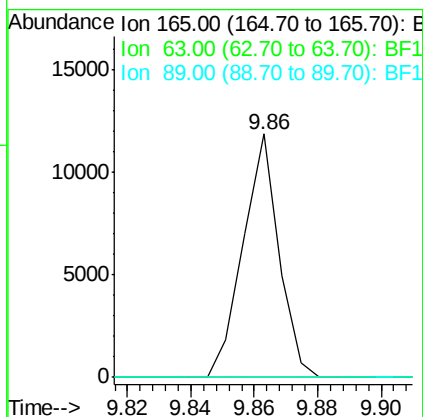
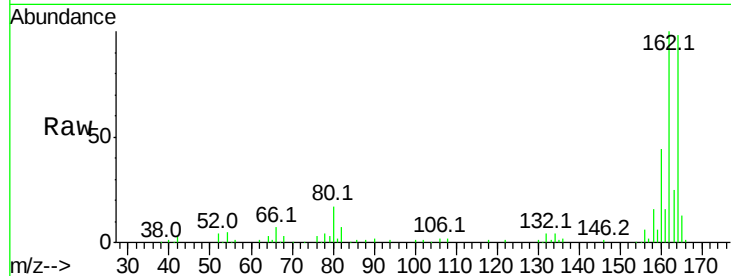




#50
 2,6-Dinitrotoluene
 Concen: 7.504 ng
 RT: 9.86 min Scan# 1322
 Delta R.T. 0.21 min
 Lab File: BF101243.D
 Acq: 8 Dec 2017 18:37

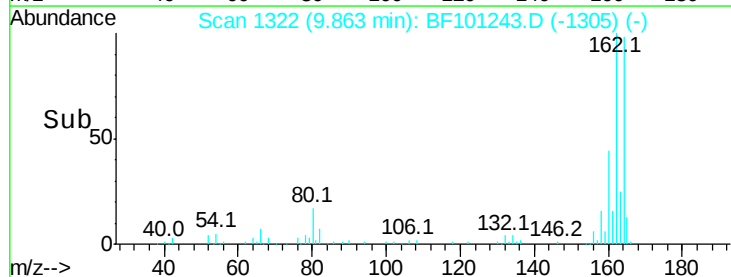
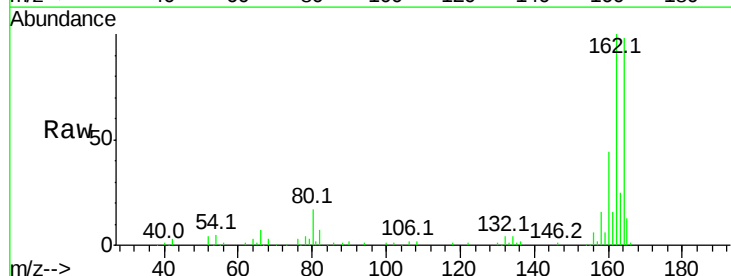
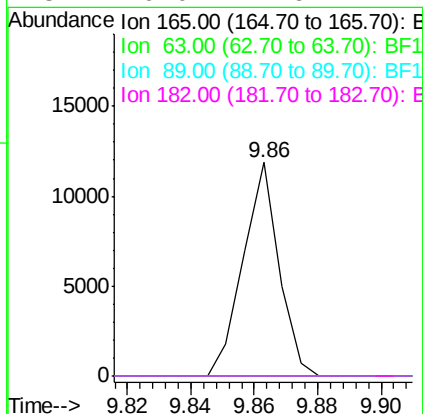
Instrument :
 BNA_F
 ClientSampleId :

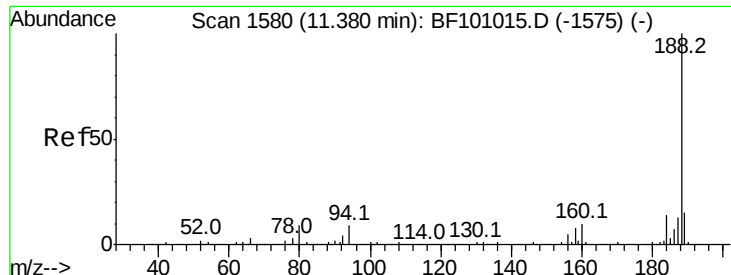
Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	44.7	67.1#
89	0.0	44.0	66.0#



#56
 2,4-Dinitrotoluene
 Concen: 5.599 ng
 RT: 9.86 min Scan# 1322
 Delta R.T. -0.20 min
 Lab File: BF101243.D
 Acq: 8 Dec 2017 18:37

Tgt 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#

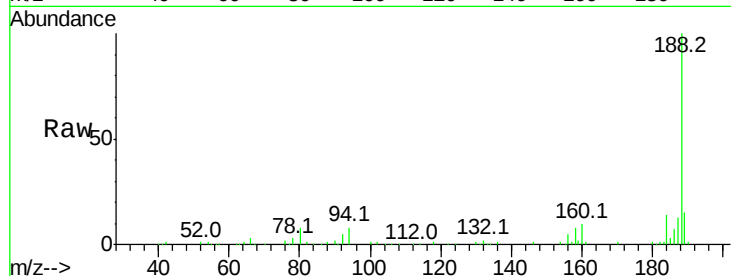




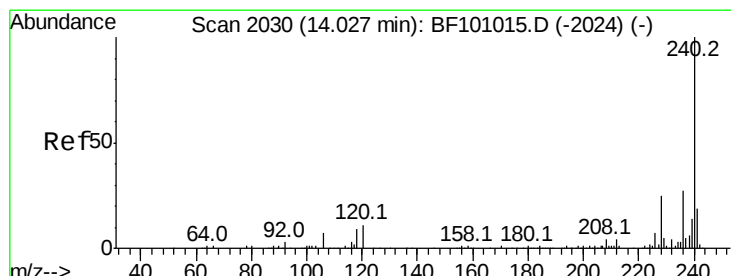
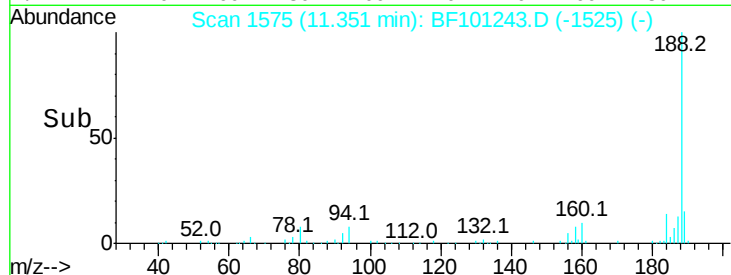
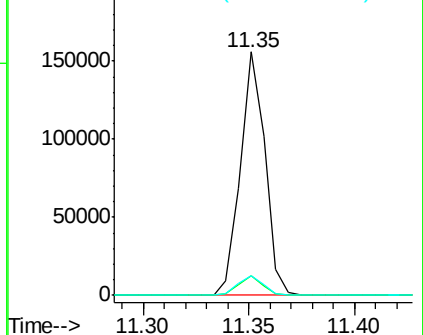
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.35 min Scan# 1575
Delta R.T. -0.01 min
Lab File: BF101243.D
Acq: 8 Dec 2017 18:37

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
188	100		
94	8.1	8.5	12.7#
80	8.3	9.2	13.8#

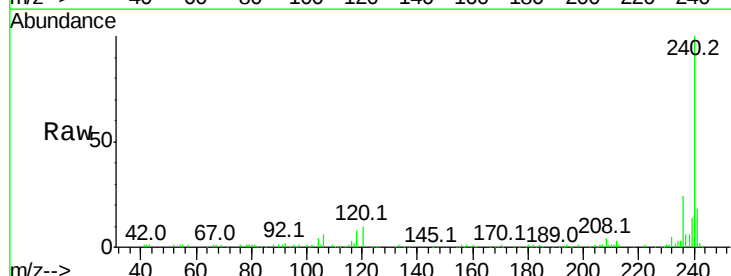


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

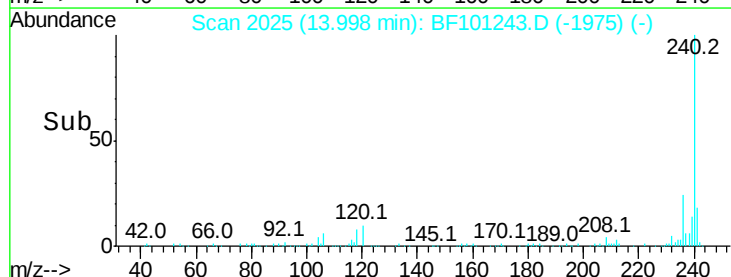
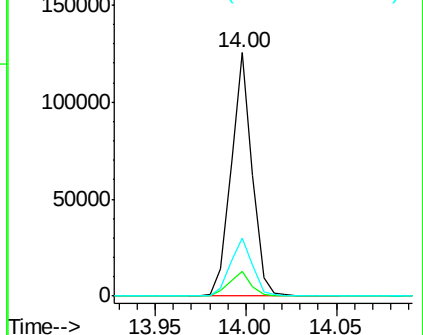


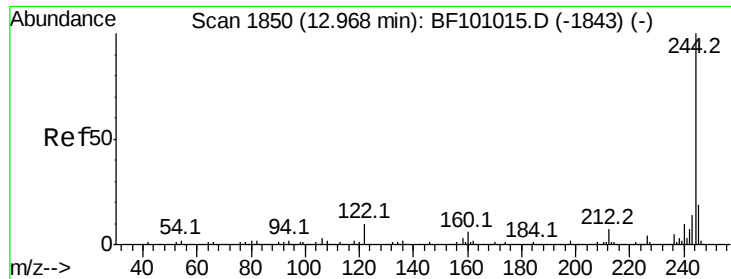
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.00 min Scan# 2025
Delta R.T. -0.01 min
Lab File: BF101243.D
Acq: 8 Dec 2017 18:37

Tgt Ion	Ratio	Lower	Upper
240	100		
120	10.0	9.5	14.3
236	23.8	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

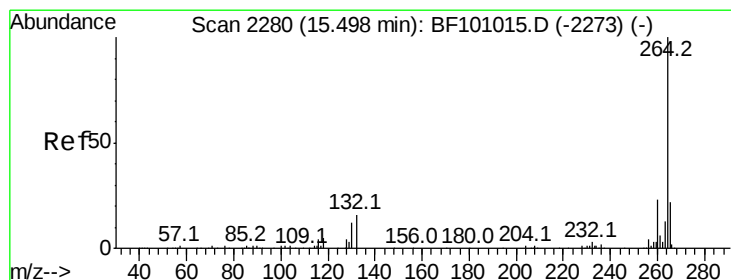
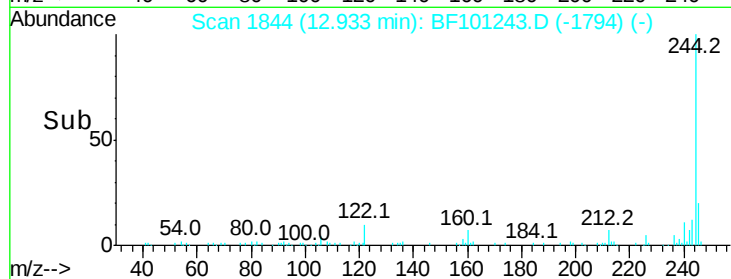
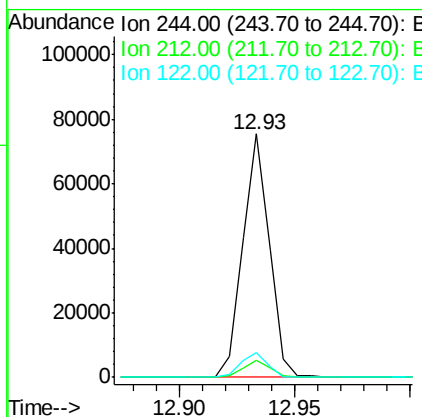
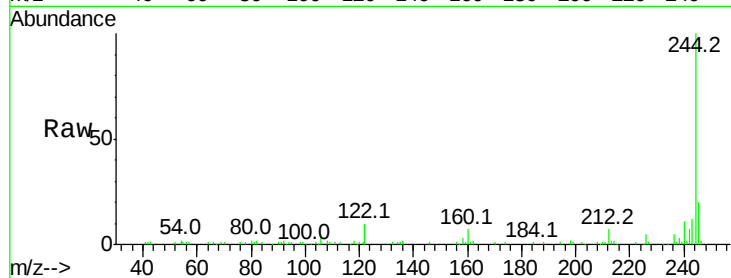




#78
 Terphenyl-d14
 Concen: 13.129 ng
 RT: 12.93 min Scan# 1844
 Delta R.T. -0.01 min
 Lab File: BF101243.D
 Acq: 8 Dec 2017 18:37

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 60538
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.4 8.0
 122 10.3 11.0 16.4#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.47 min Scan# 2275
 Delta R.T. 0.00 min
 Lab File: BF101243.D
 Acq: 8 Dec 2017 18:37

Tgt Ion:264 Resp: 87629
 Ion Ratio Lower Upper
 264 100
 260 22.6 19.2 28.8
 265 21.5 17.5 26.3

