

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF120817\
 Data File : BF101268.D
 Acq On : 9 Dec 2017 7:29
 Operator : SJ/JU
 Sample : I6744-06 10X
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 10 23:41:31 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

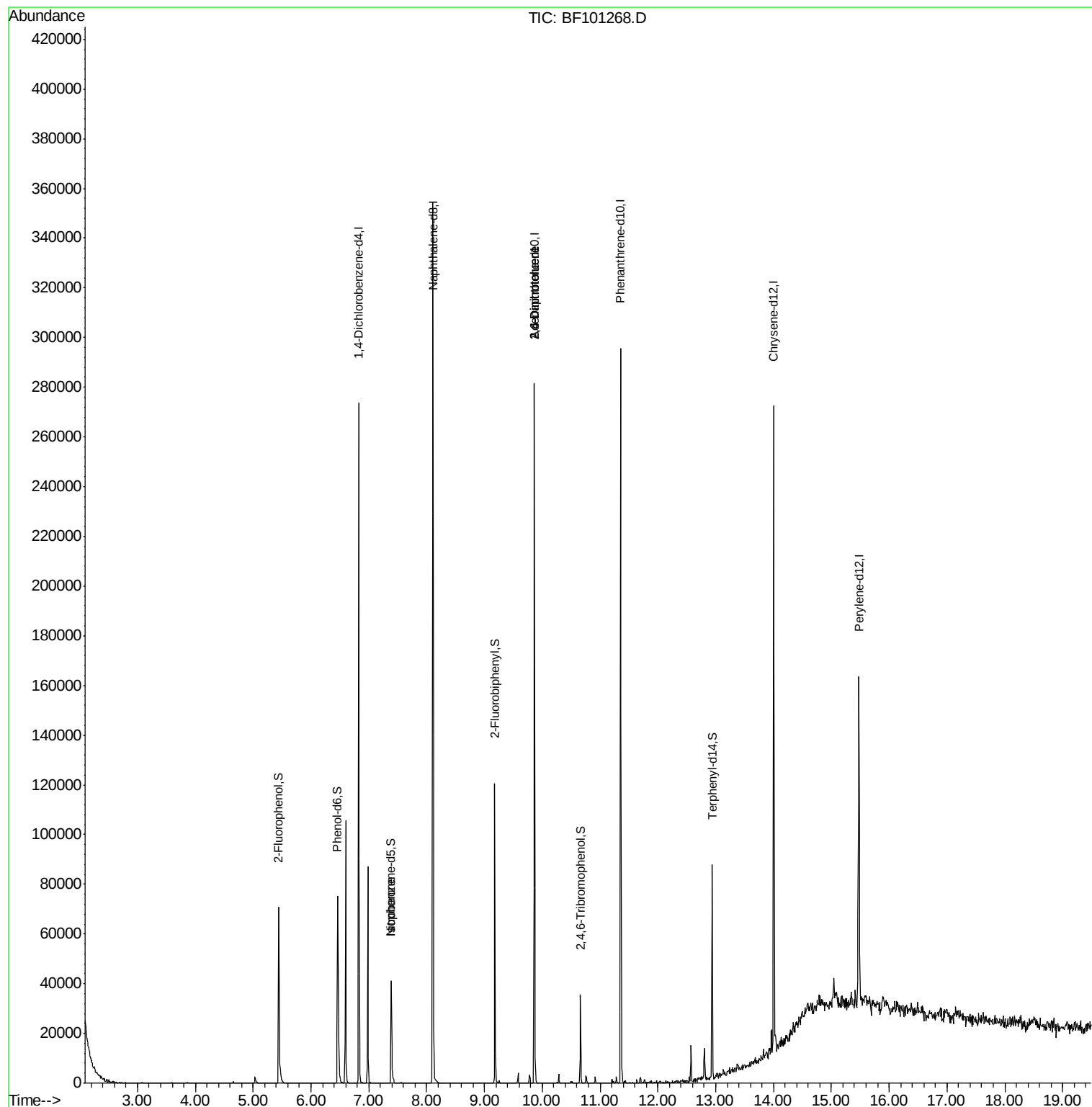
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	41637	20.00	ng	0.00
21) Naphthalene-d8	8.11	136	153291	20.00	ng	0.00
38) Acenaphthene-d10	9.86	164	57062	20.00	ng	0.00
63) Phenanthrene-d10	11.36	188	100431	20.00	ng	0.00
75) Chrysene-d12	14.00	240	82731	20.00	ng	0.00
86) Perylene-d12	15.48	264	62348	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	26828	10.65	ng	0.00
7) Phenol-d6	6.46	99	32707	10.69	ng	0.00
23) Nitrobenzene-d5	7.39	82	15793	6.15	ng	-0.01
41) 2,4,6-Tribromophenol	10.66	330	5619	8.20	ng	0.00
44) 2-Fluorobiphenyl	9.18	172	36223	8.69	ng	0.00
78) Terphenyl-d14	12.94	244	29239	7.73	ng	0.00
Target Compounds						
25) Isophorone	7.39	82	15793	3.598	ng	# 64
50) 2,6-Dinitrotoluene	9.86	165	7091	7.316	ng	# 24
56) 2,4-Dinitrotoluene	9.86	165	7091	5.459	ng	# 21

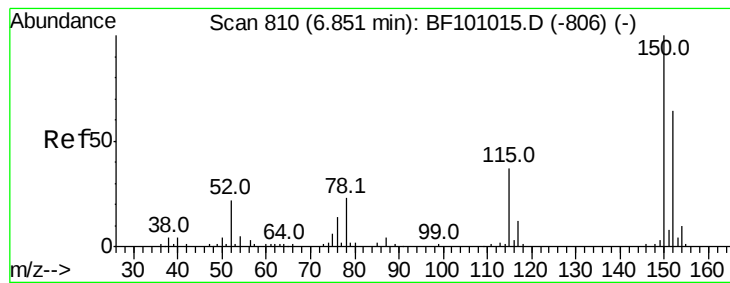
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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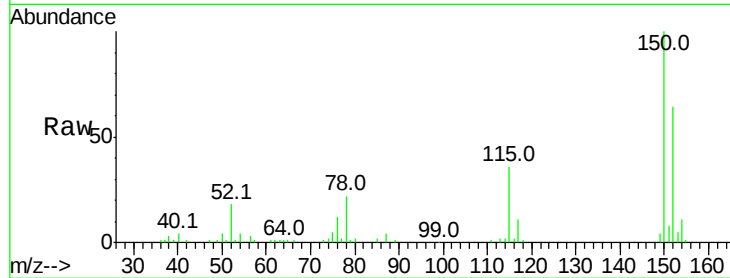


#1

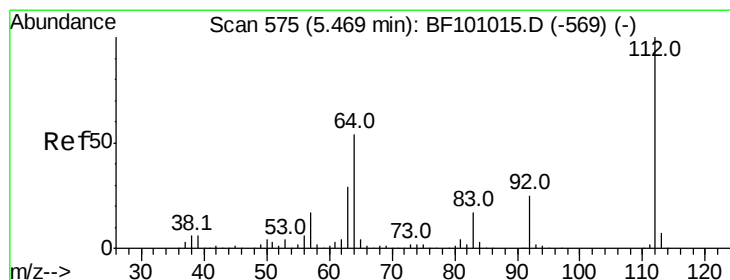
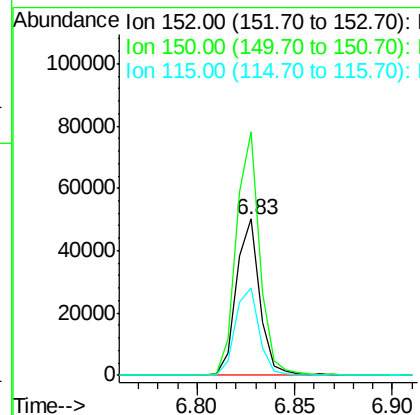
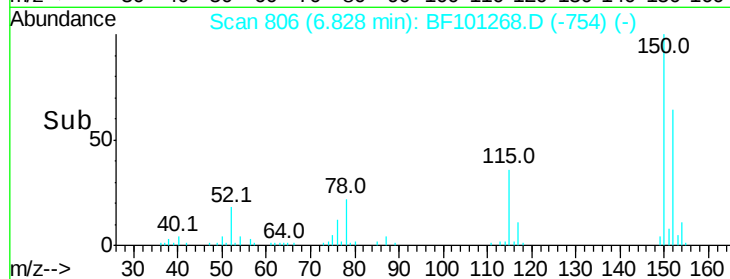
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 806
Delta R.T. 0.01 min
Lab File: BF101268.D
Acq: 9 Dec 2017 7:29

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 41637
Ion Ratio Lower Upper
152 100
150 155.6 124.6 186.8
115 56.1 50.1 75.1



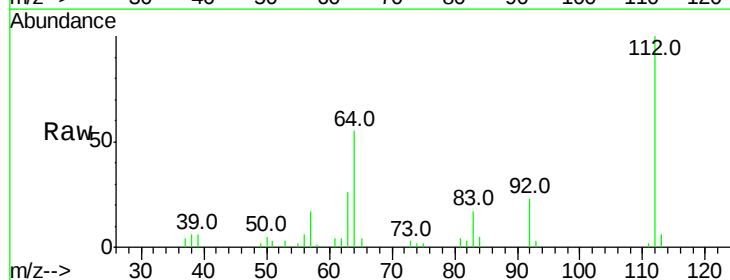
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



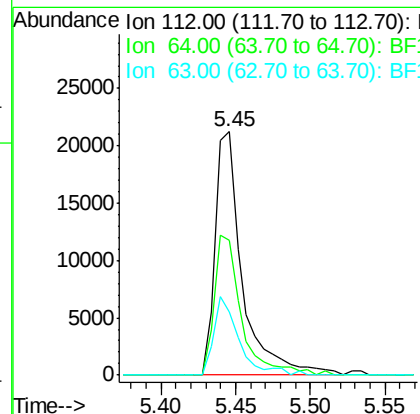
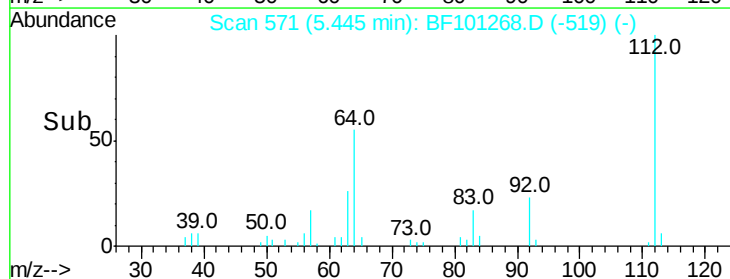
#5

2-Fluorophenol
Concen: 10.647 ng
RT: 5.45 min Scan# 571
Delta R.T. 0.01 min
Lab File: BF101268.D
Acq: 9 Dec 2017 7:29

Tgt Ion:112 Resp: 26828
Ion Ratio Lower Upper
112 100
64 55.1 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): BF1
Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 10.691 ng

RT: 6.46 min Scan# 743

Delta R.T. -0.01 min

Lab File: BF101268.D

Acq: 9 Dec 2017 7:29

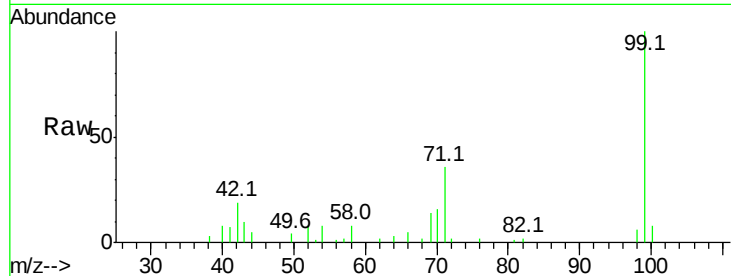
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 32707

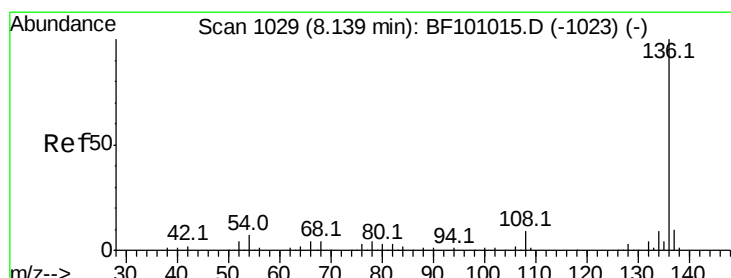
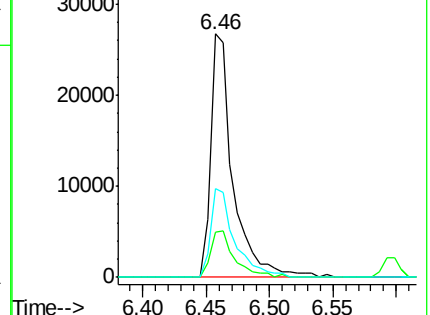
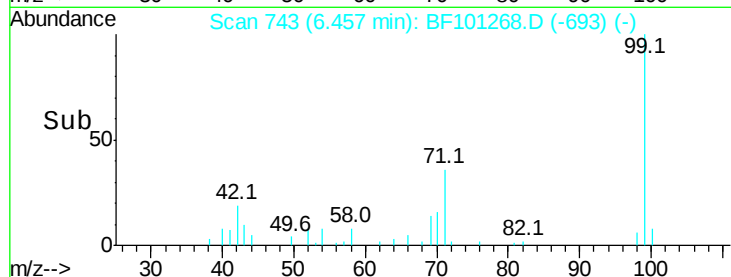
Ion	Ratio	Lower	Upper
99	100		
42	18.7	14.5	21.7
71	36.5	25.4	38.0



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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.11 min Scan# 1024

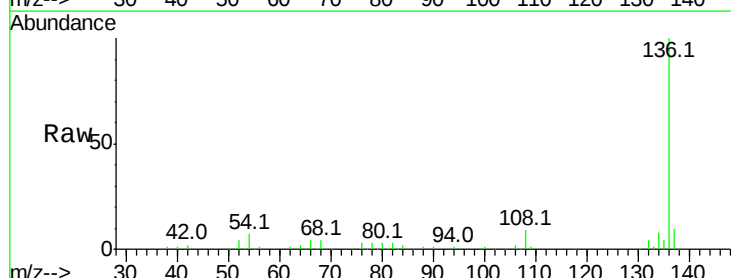
Delta R.T. 0.00 min

Lab File: BF101268.D

Acq: 9 Dec 2017 7:29

Tgt Ion: 136 Resp: 153291

Ion	Ratio	Lower	Upper
136	100		
137	10.4	8.9	13.3
54	7.2	6.6	9.8
68	4.3	5.0	7.4

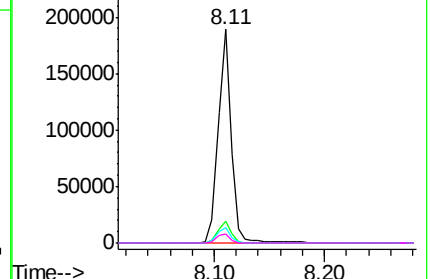
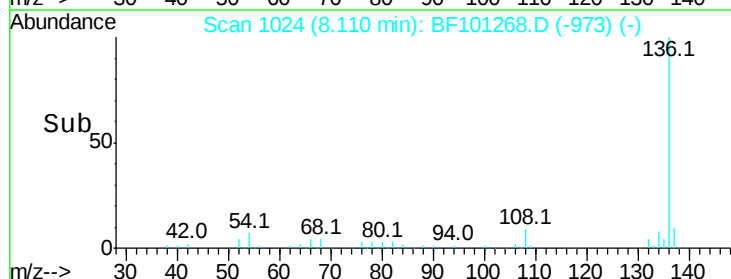


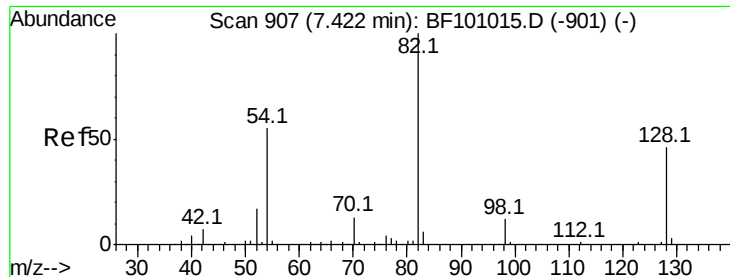
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1

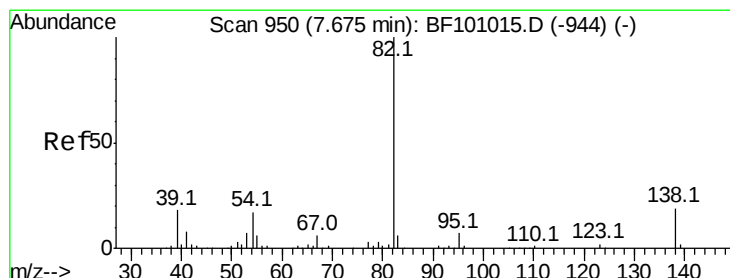
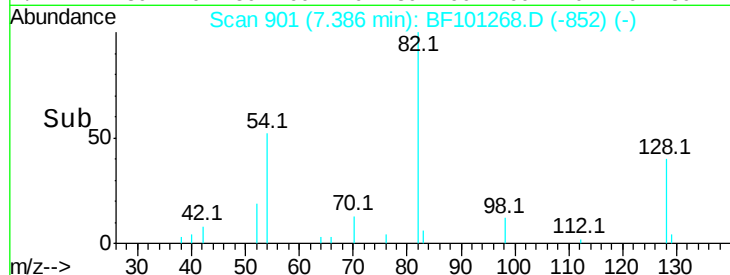
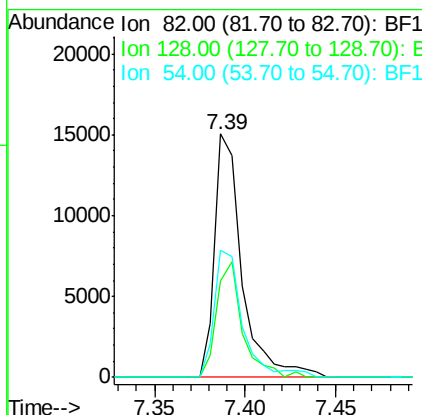
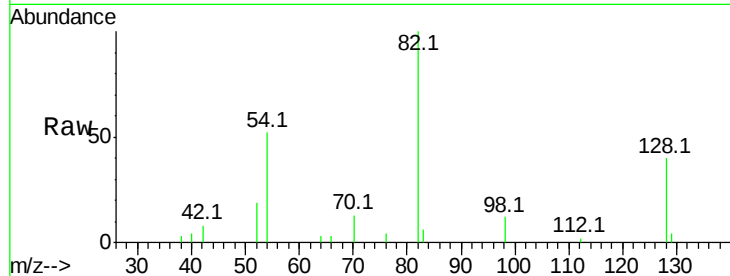




#23
Nitrobenzene-d5
Concen: 6.146 ng
RT: 7.39 min Scan# 901
Delta R.T. -0.01 min
Lab File: BF101268.D
Acq: 9 Dec 2017 7:29

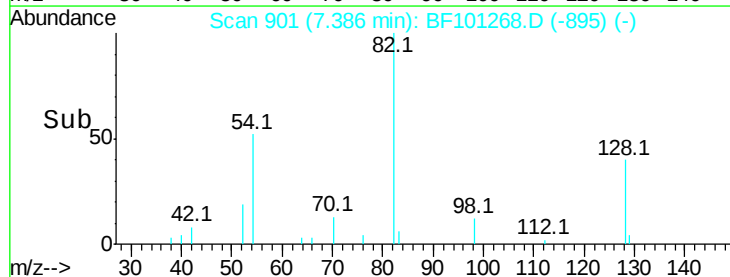
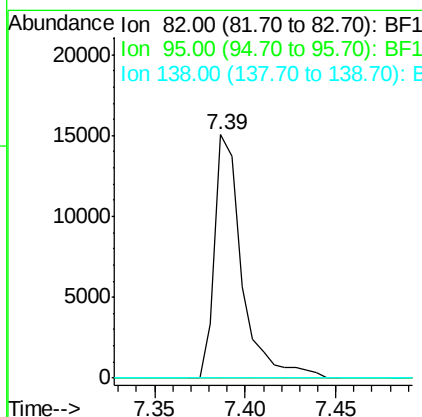
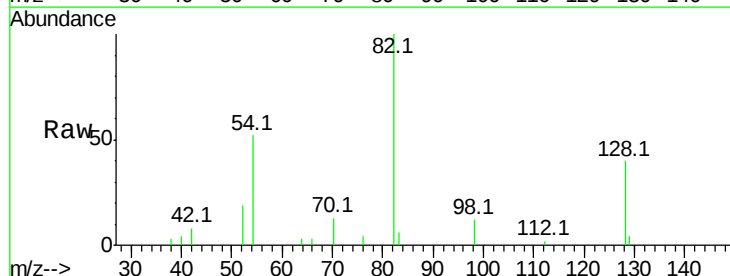
Instrument :
BNA_F
ClientSampleId :

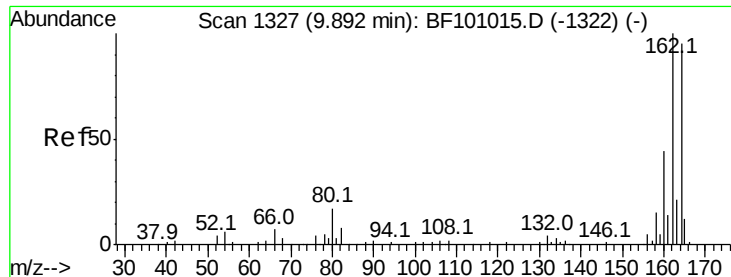
Tot Ion	82	Resp	15793
Ion Ratio	Lower	Upper	
82	100		
128	39.6	36.1	54.1
54	52.0	41.4	62.2



#25
Isophorone
Concen: 3.598 ng
RT: 7.39 min Scan# 901
Delta R.T. -0.26 min
Lab File: BF101268.D
Acq: 9 Dec 2017 7:29

Tgt Ion	82	Resp	15793
Ion Ratio	Lower	Upper	
82	100		
95	0.0	5.2	7.8#
138	0.0	14.9	22.3#

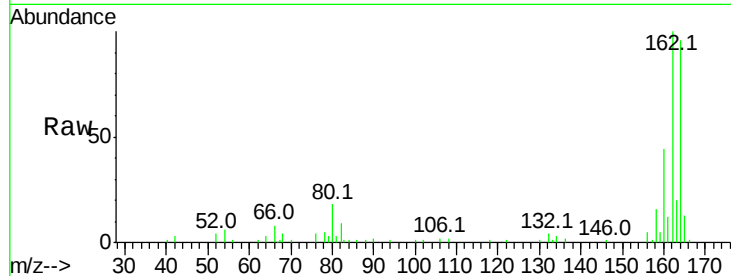




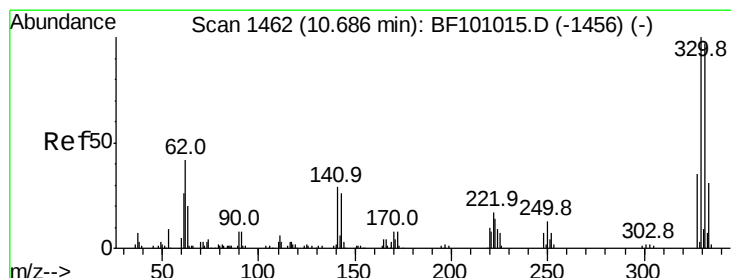
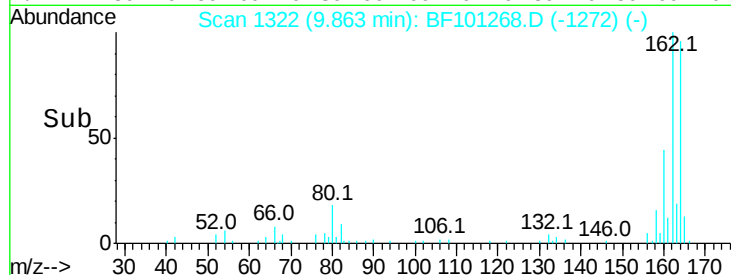
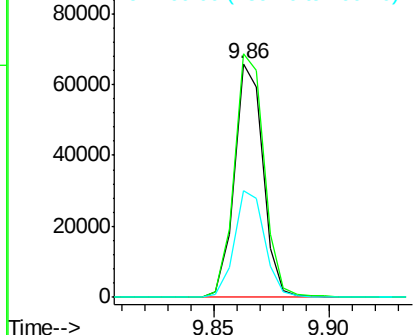
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.86 min Scan# 1322
Delta R.T. -0.01 min
Lab File: BF101268.D
Acq: 9 Dec 2017 7:29

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 57062
Ion Ratio Lower Upper
164 100
162 104.1 86.1 129.1
160 45.4 38.3 57.5

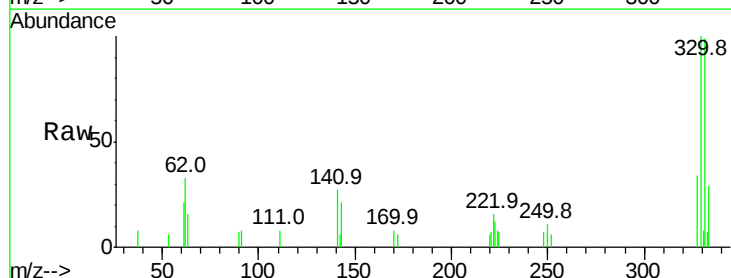


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

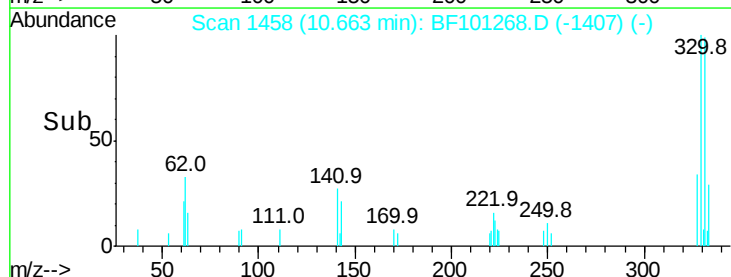
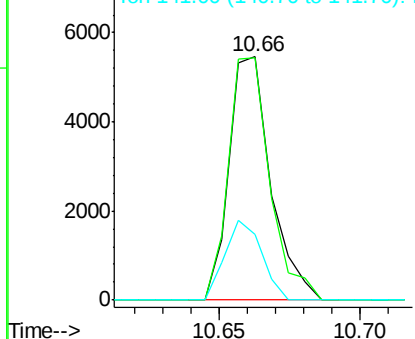


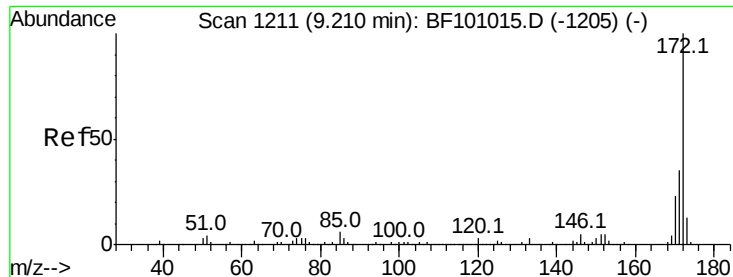
#41
2,4,6-Tribromophenol
Concen: 8.197 ng
RT: 10.66 min Scan# 1458
Delta R.T. 0.00 min
Lab File: BF101268.D
Acq: 9 Dec 2017 7:29

Tgt Ion:330 Resp: 5619
Ion Ratio Lower Upper
330 100
332 98.5 77.0 115.6
141 28.7 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

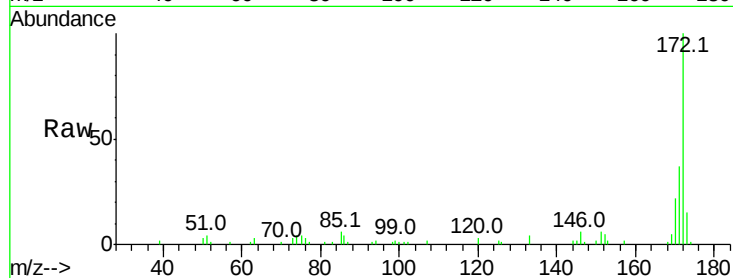




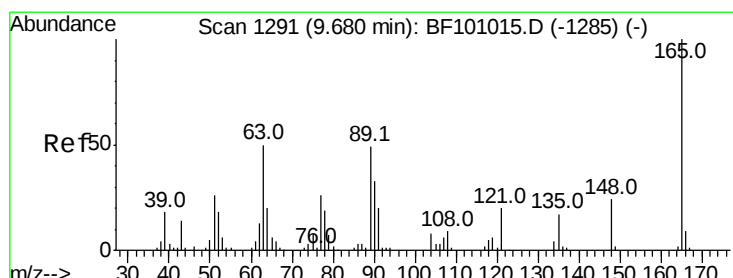
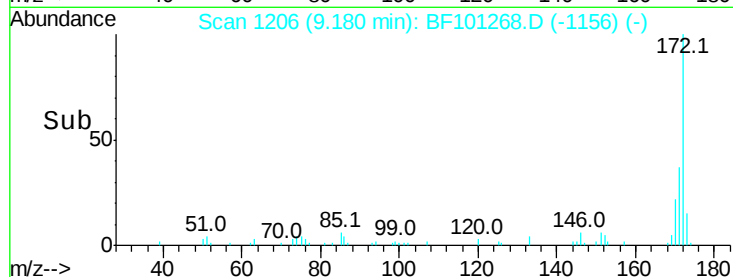
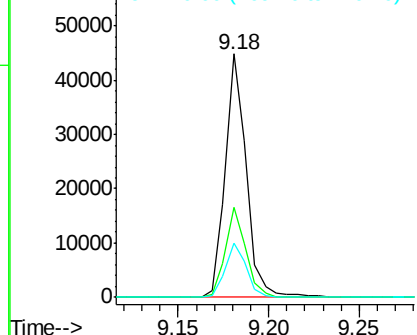
#44
 2-Fluorobiphenyl
 Concen: 8.685 ng
 RT: 9.18 min Scan# 1206
 Delta R.T. -0.01 min
 Lab File: BF101268.D
 Acq: 9 Dec 2017 7:29

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 36223
 Ion Ratio Lower Upper
 172 100
 171 36.8 29.7 44.5
 170 22.4 19.6 29.4

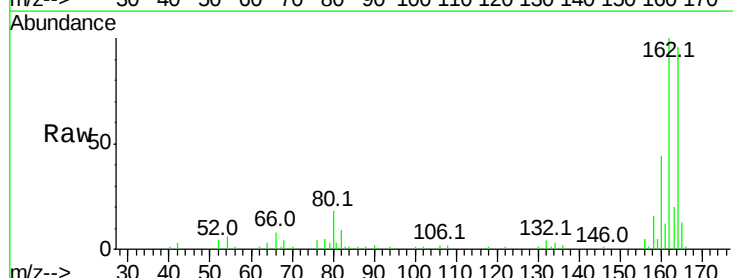


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

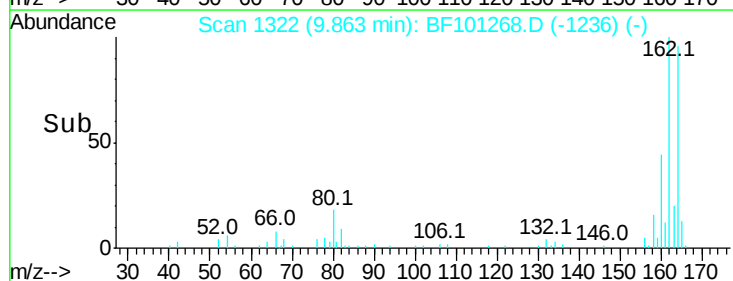
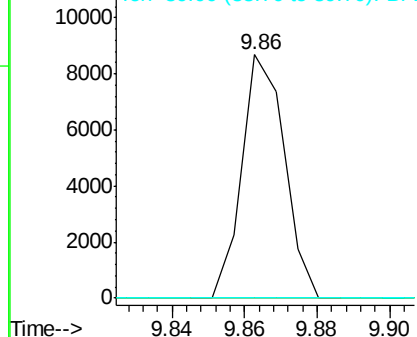


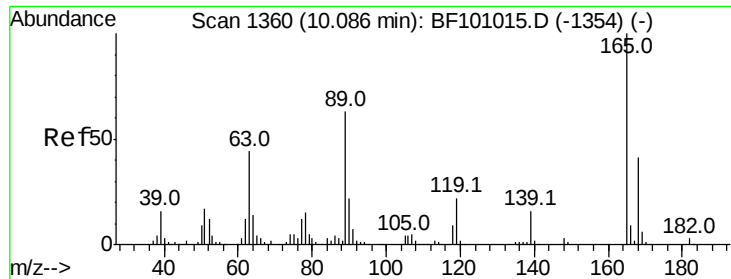
#50
 2,6-Dinitrotoluene
 Concen: 7.316 ng
 RT: 9.86 min Scan# 1322
 Delta R.T. 0.21 min
 Lab File: BF101268.D
 Acq: 9 Dec 2017 7:29

Tgt Ion:165 Resp: 7091
 Ion Ratio Lower Upper
 165 100
 63 0.0 44.7 67.1#
 89 0.0 44.0 66.0#



Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

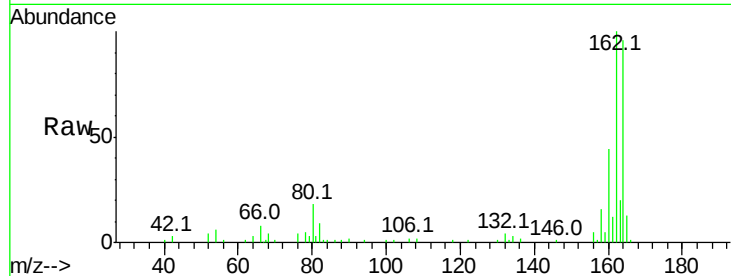




#56
2,4-Dinitrotoluene
Concen: 5.459 ng
RT: 9.86 min Scan# 1322
Delta R.T. -0.20 min
Lab File: BF101268.D
Acq: 9 Dec 2017 7:29

Instrument :
BNA_F
ClientSampleId :

Tot 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#

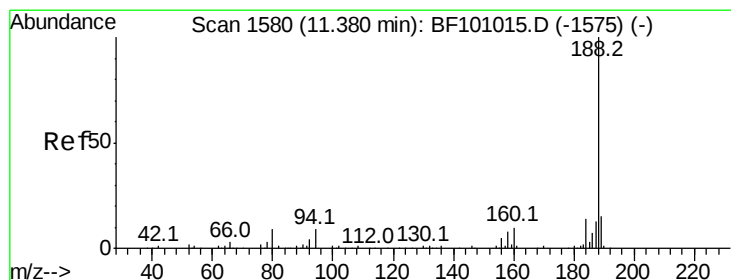
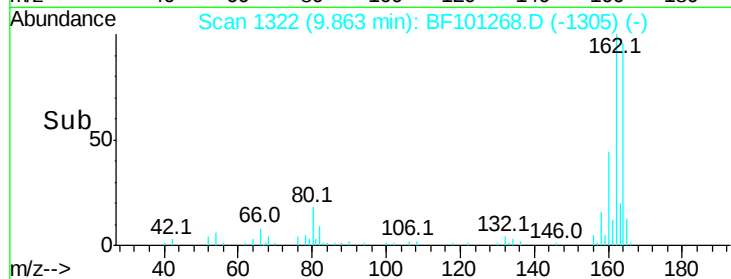
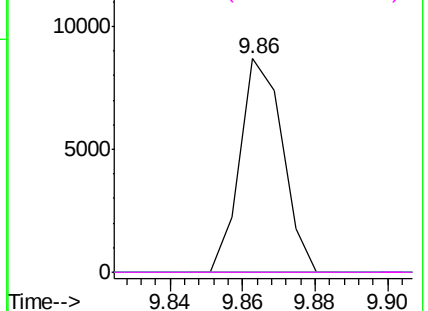


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

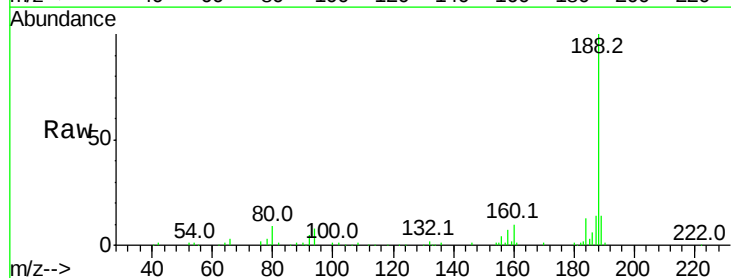
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.36 min Scan# 1576
Delta R.T. 0.00 min
Lab File: BF101268.D
Acq: 9 Dec 2017 7:29

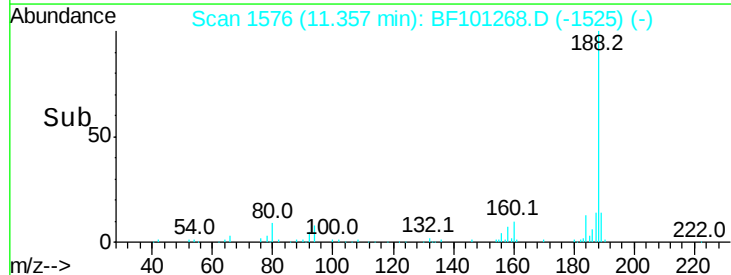
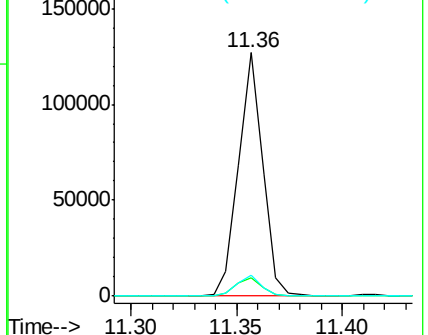
Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.7	8.5	12.7#
80	8.5	9.2	13.8#

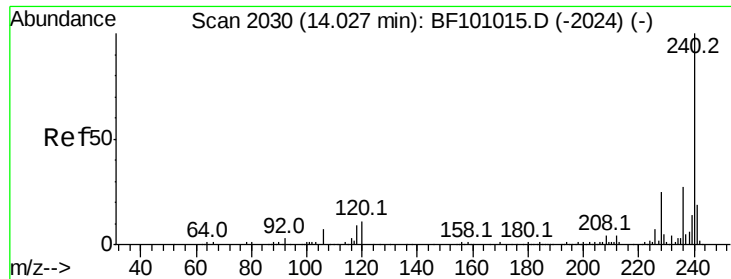


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

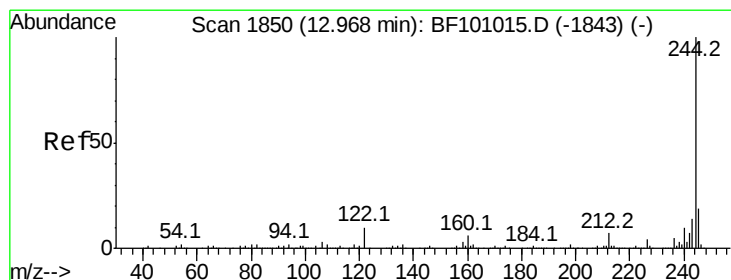
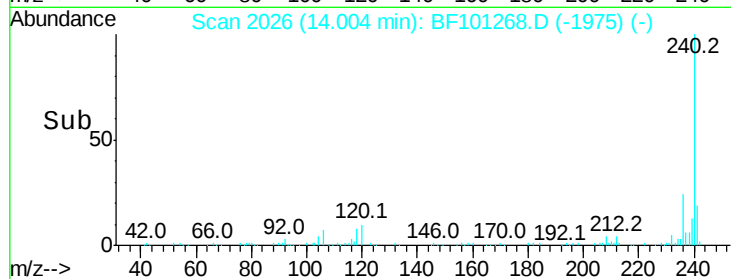
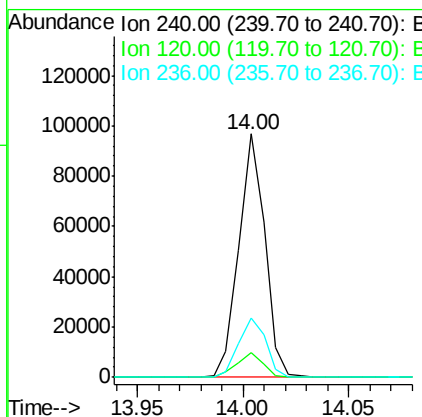
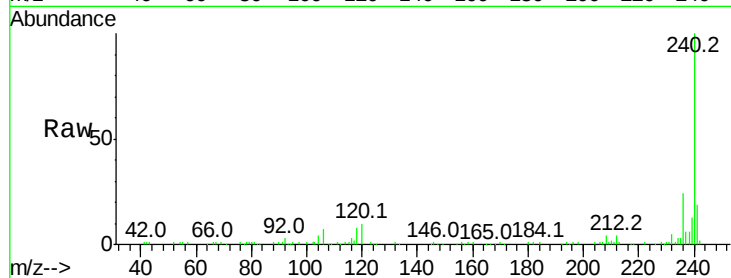




#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.00 min Scan# 2026
 Delta R.T. -0.00 min
 Lab File: BF101268.D
 Acq: 9 Dec 2017 7:29

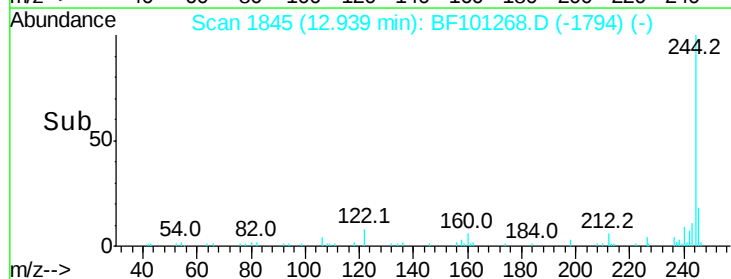
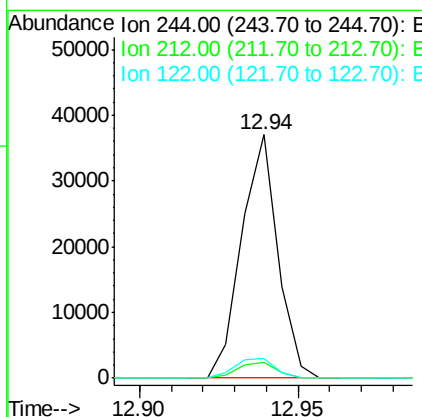
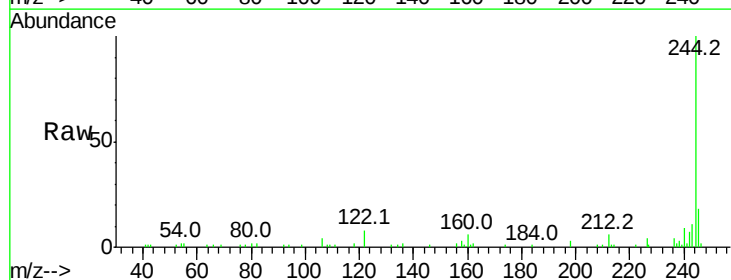
Instrument :
 BNA_F
 ClientSampleId :

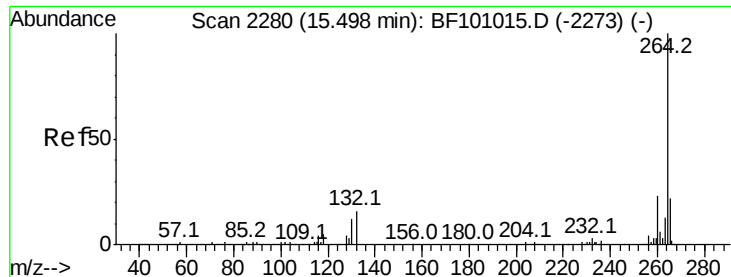
Tot Ion:240 Resp: 82731
 Ion Ratio Lower Upper
 240 100
 120 9.9 9.5 14.3
 236 24.4 20.7 31.1



#78
 Terphenyl-d14
 Concen: 7.730 ng
 RT: 12.94 min Scan# 1845
 Delta R.T. 0.00 min
 Lab File: BF101268.D
 Acq: 9 Dec 2017 7:29

Tgt Ion:244 Resp: 29239
 Ion Ratio Lower Upper
 244 100
 212 6.4 5.4 8.0
 122 8.1 11.0 16.4#

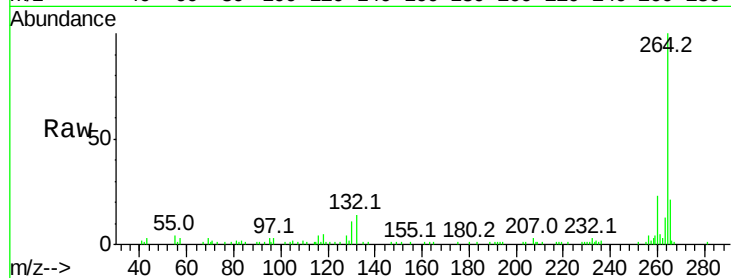




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.48 min Scan# 2277
 Delta R.T. 0.01 min
 Lab File: BF101268.D
 Acq: 9 Dec 2017 7:29

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.2	28.8
265	20.6	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

