

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF120817\
 Data File : BF101267.D
 Acq On : 9 Dec 2017 7:02
 Operator : SJ/JU
 Sample : I6744-03 10X
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 10 23:41:22 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

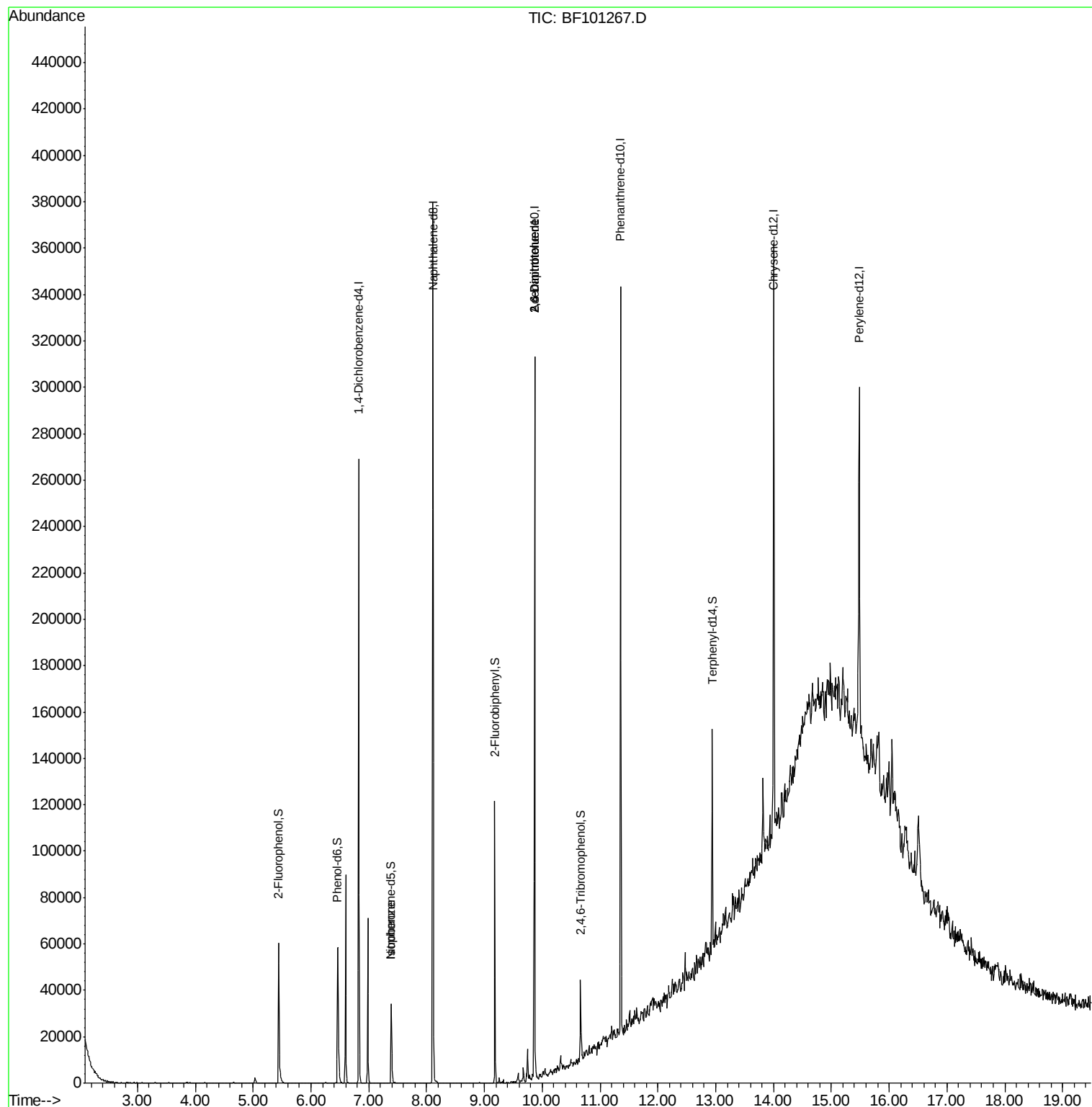
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	42332	20.00	ng	0.00
21) Naphthalene-d8	8.11	136	157772	20.00	ng	0.00
38) Acenaphthene-d10	9.87	164	62932	20.00	ng	0.00
63) Phenanthrene-d10	11.36	188	102890	20.00	ng	0.00
75) Chrysene-d12	14.00	240	85080	20.00	ng	0.00
86) Perylene-d12	15.48	264	63581	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	21927	8.56	ng	0.00
7) Phenol-d6	6.46	99	26648	8.57	ng	0.00
23) Nitrobenzene-d5	7.39	82	13326	5.04	ng	-0.01
41) 2,4,6-Tribromophenol	10.66	330	5123	6.78	ng	0.00
44) 2-Fluorobiphenyl	9.18	172	35789	7.78	ng	0.00
78) Terphenyl-d14	12.94	244	27256	7.01	ng	0.00
Target Compounds						
25) Isophorone	7.39	82	13326	2.950	ng	# 64
50) 2,6-Dinitrotoluene	9.87	165	7919	7.408	ng	# 24
56) 2,4-Dinitrotoluene	9.87	165	7919	5.528	ng	# 21

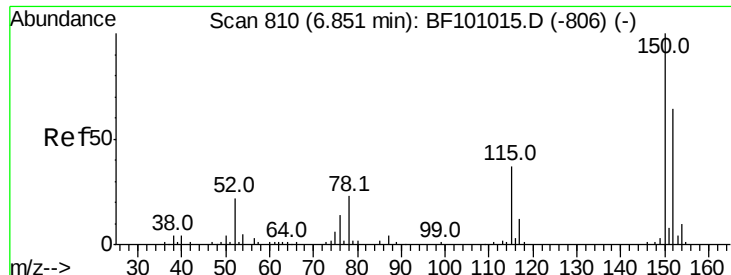
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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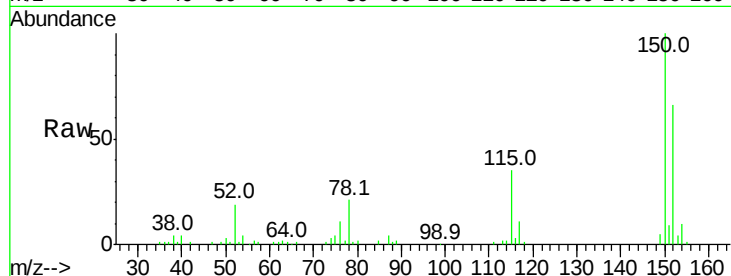


#1

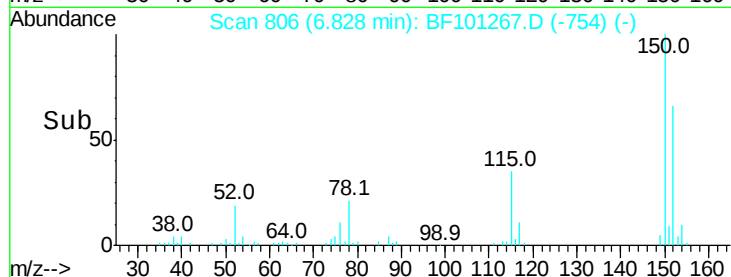
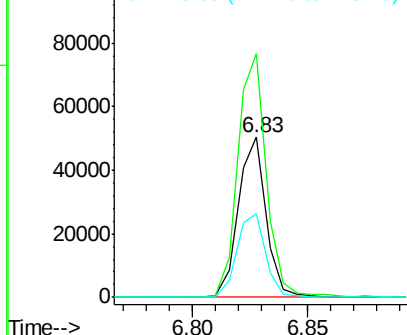
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 806
Delta R.T. 0.01 min
Lab File: BF101267.D
Acq: 9 Dec 2017 7:02

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 42332
Ion Ratio Lower Upper
152 100
150 152.0 124.6 186.8
115 52.6 50.1 75.1



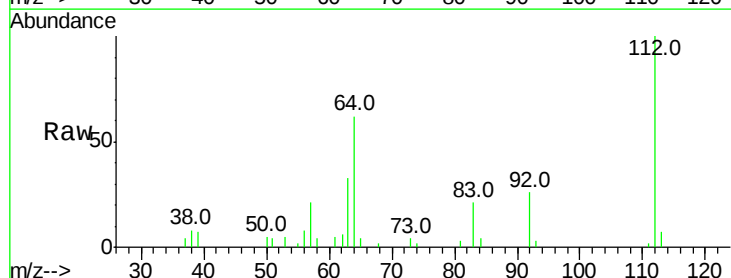
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



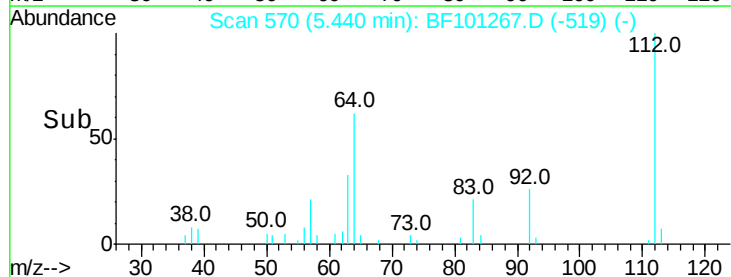
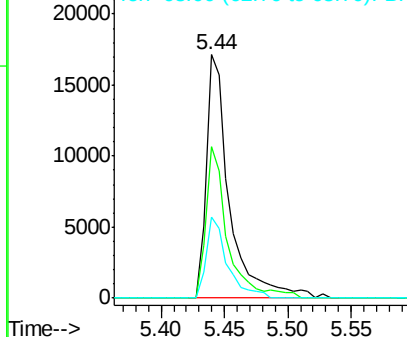
#5

2-Fluorophenol
Concen: 8.559 ng
RT: 5.44 min Scan# 570
Delta R.T. 0.00 min
Lab File: BF101267.D
Acq: 9 Dec 2017 7:02

Tgt Ion:112 Resp: 21927
Ion Ratio Lower Upper
112 100
64 62.3 47.9 71.9
63 33.3 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: 8.568 ng

RT: 6.46 min Scan# 744

Delta R.T. 0.00 min

Lab File: BF101267.D

Acq: 9 Dec 2017 7:02

Instrument :

BNA_F

ClientSampled :

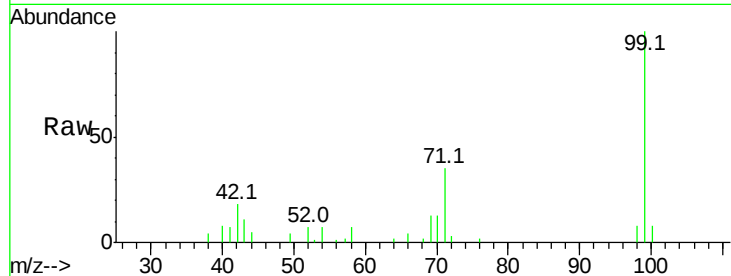
Tot Ion: 99 Resp: 26648

Ion Ratio Lower Upper

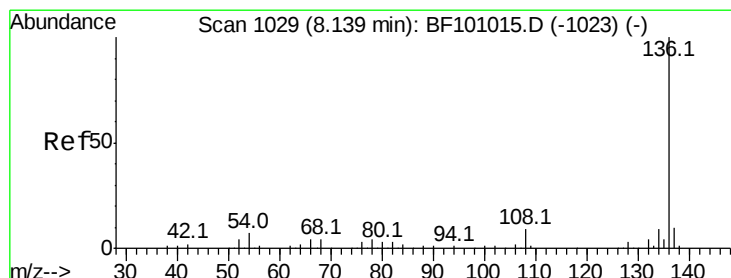
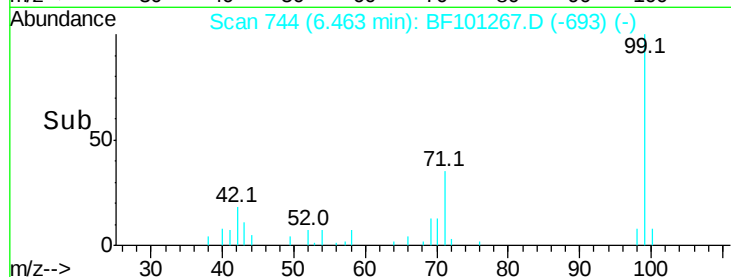
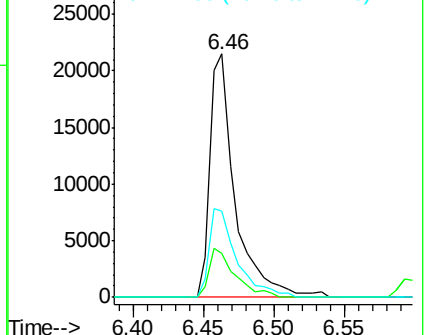
99 100

42 18.0 14.5 21.7

71 35.3 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: BF101267.D

Acq: 9 Dec 2017 7:02

Tgt Ion: 136 Resp: 157772

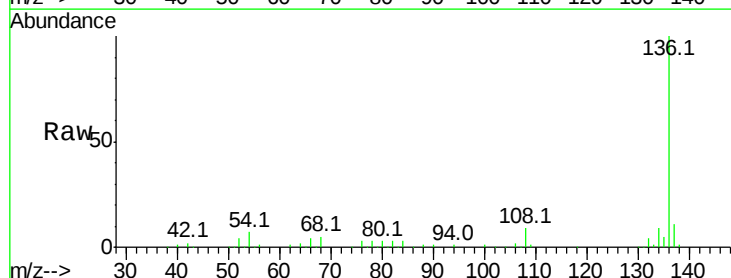
Ion Ratio Lower Upper

136 100

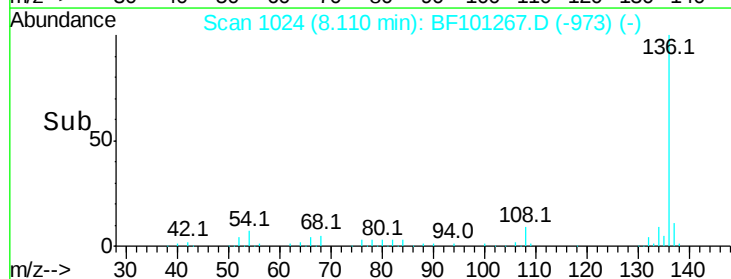
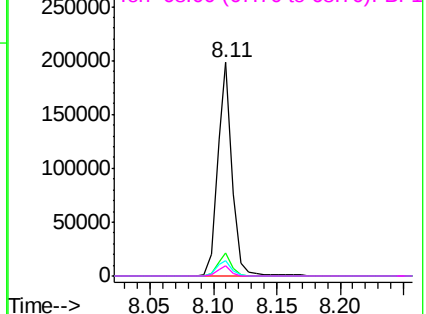
137 10.6 8.9 13.3

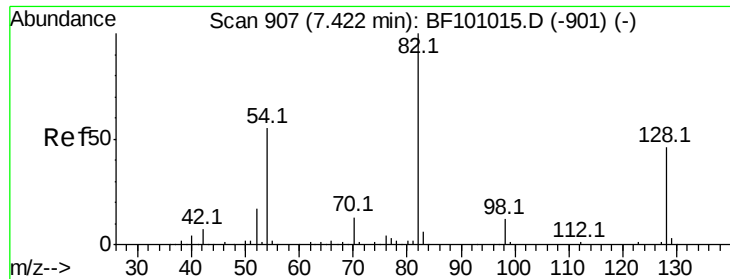
54 7.3 6.6 9.8

68 4.6 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): BF1
Ion 68.00 (67.70 to 68.70): BF1

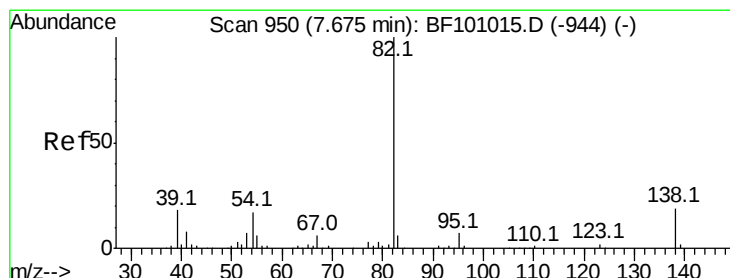
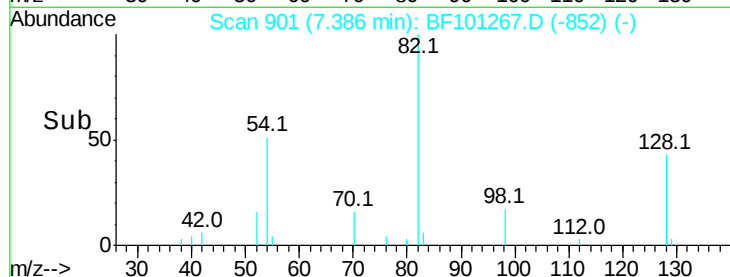
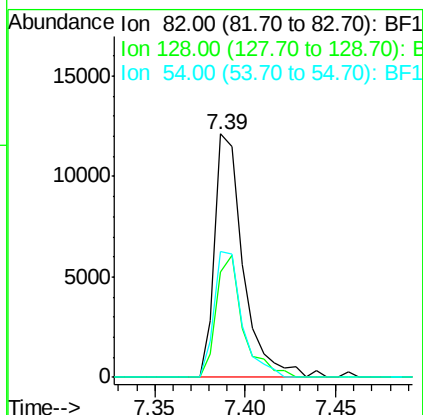
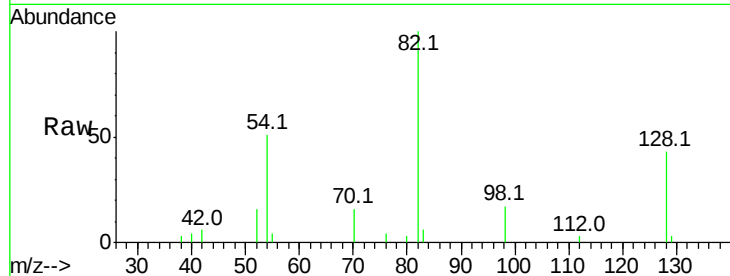




#23
Nitrobenzene-d5
Concen: 5.039 ng
RT: 7.39 min Scan# 901
Delta R.T. -0.01 min
Lab File: BF101267.D
Acq: 9 Dec 2017 7:02

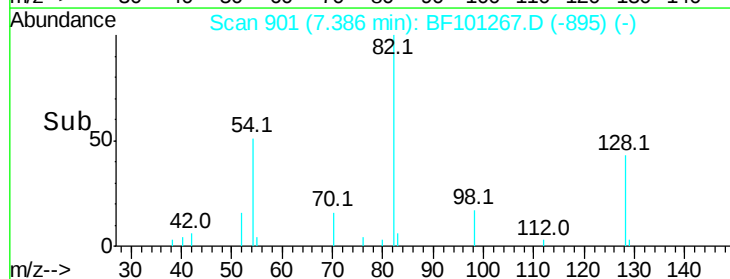
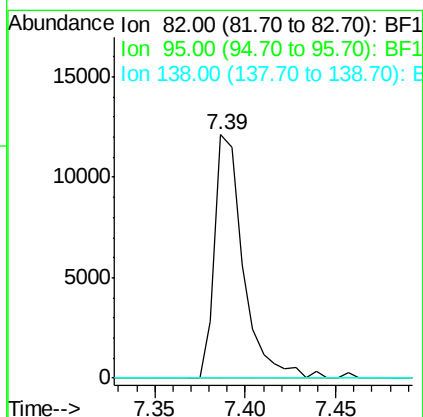
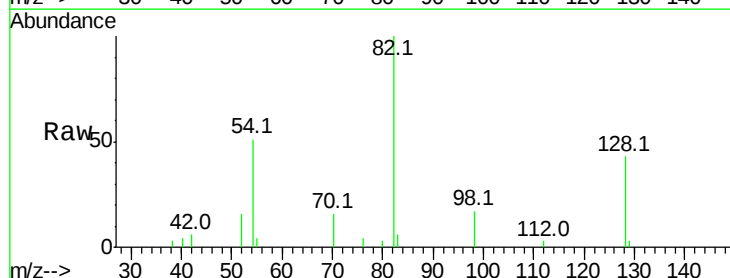
Instrument :
BNA_F
ClientSampleId :

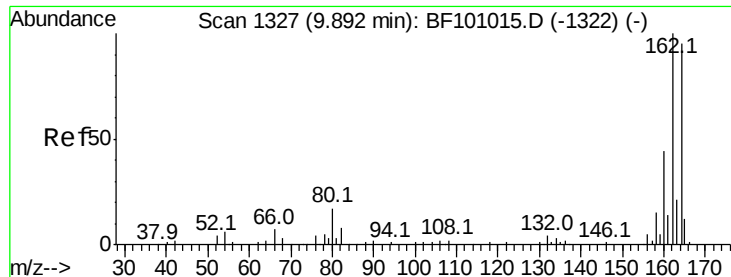
Tot Ion	82	Resp	13326
Ion Ratio	Lower	Upper	
82	100		
128	43.5	36.1	54.1
54	51.5	41.4	62.2



#25
Isophorone
Concen: 2.950 ng
RT: 7.39 min Scan# 901
Delta R.T. -0.26 min
Lab File: BF101267.D
Acq: 9 Dec 2017 7:02

Tgt Ion	82	Resp	13326
Ion Ratio	Lower	Upper	
82	100		
95	0.0	5.2	7.8#
138	0.0	14.9	22.3#

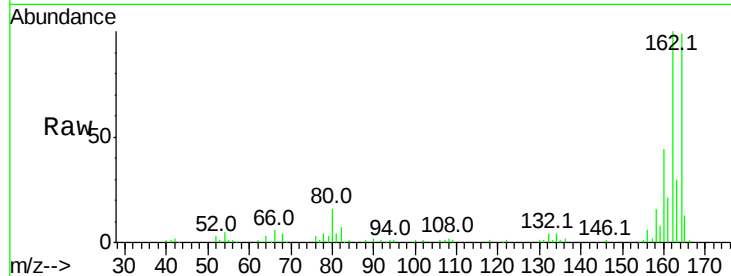




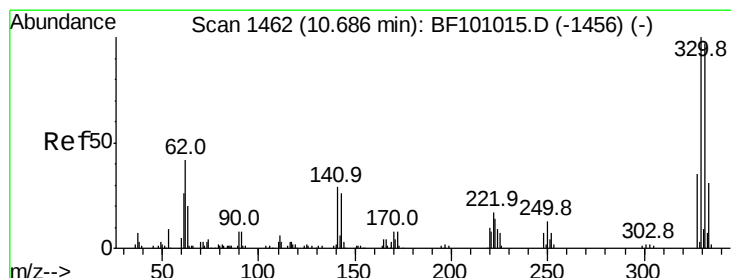
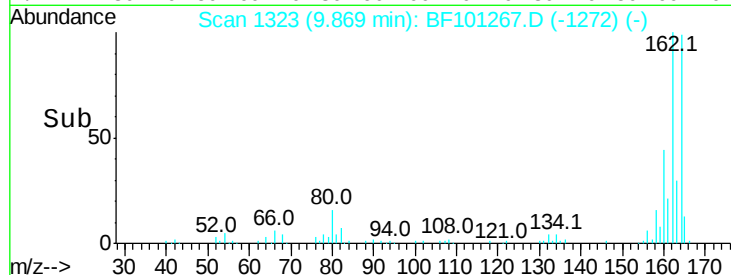
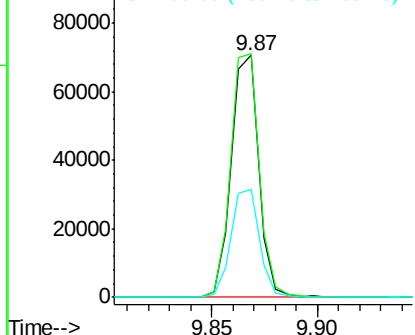
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.87 min Scan# 1323
Delta R.T. 0.00 min
Lab File: BF101267.D
Acq: 9 Dec 2017 7:02

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 62932
Ion Ratio Lower Upper
164 100
162 100.6 86.1 129.1
160 44.3 38.3 57.5

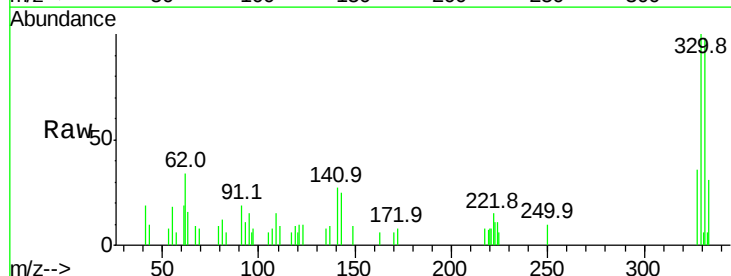


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

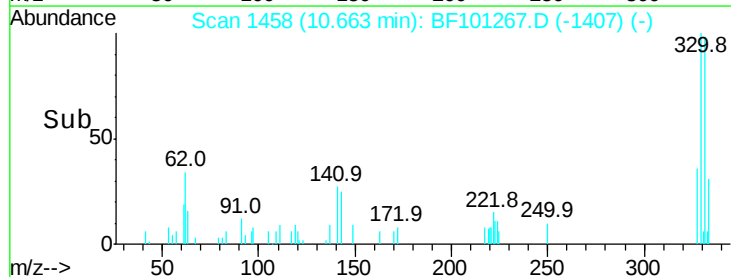
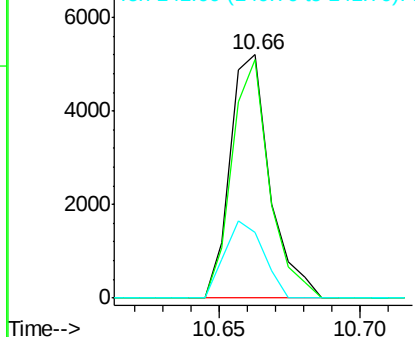


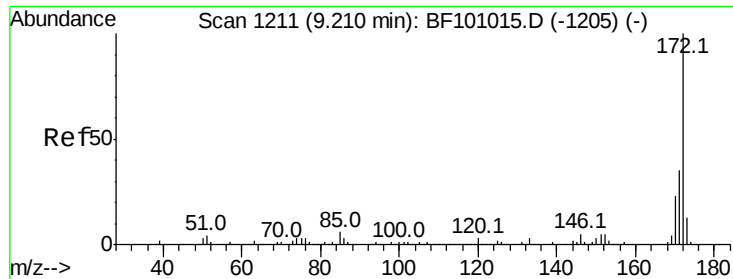
#41
2,4,6-Tribromophenol
Concen: 6.777 ng
RT: 10.66 min Scan# 1458
Delta R.T. 0.00 min
Lab File: BF101267.D
Acq: 9 Dec 2017 7:02

Tgt Ion:330 Resp: 5123
Ion Ratio Lower Upper
330 100
332 91.9 77.0 115.6
141 30.7 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

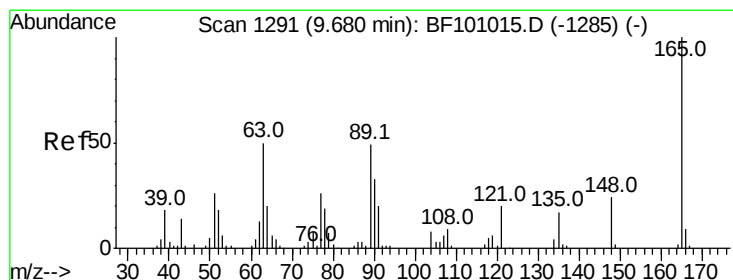
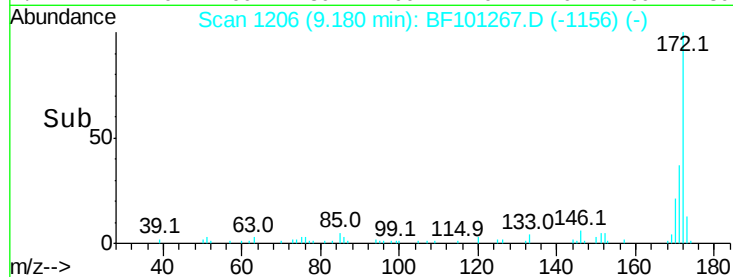
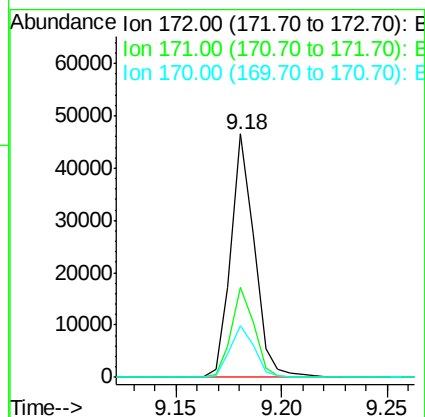
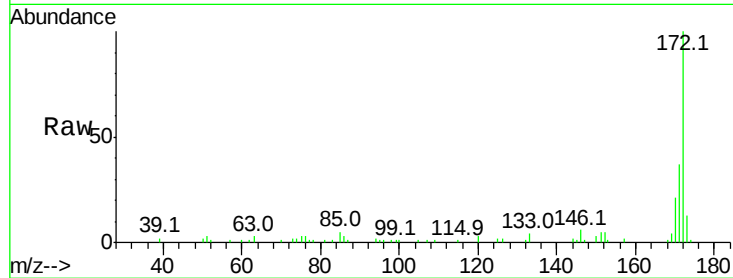




#44
 2-Fluorobiphenyl
 Concen: 7.781 ng
 RT: 9.18 min Scan# 1206
 Delta R.T. -0.01 min
 Lab File: BF101267.D
 Acq: 9 Dec 2017 7:02

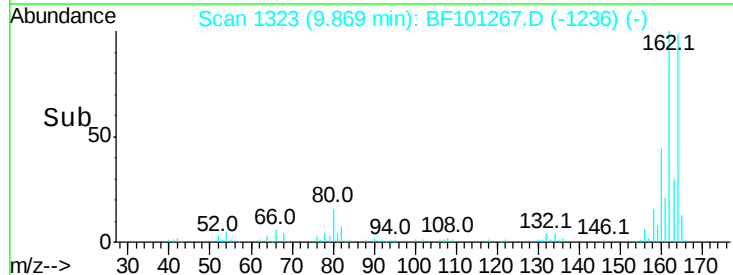
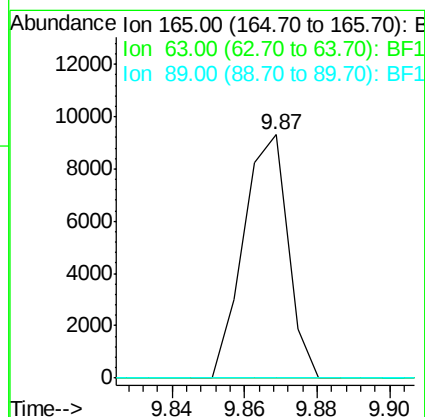
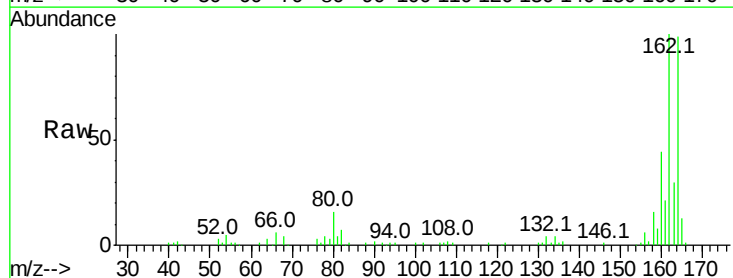
Instrument :
 BNA_F
 ClientSampleId :

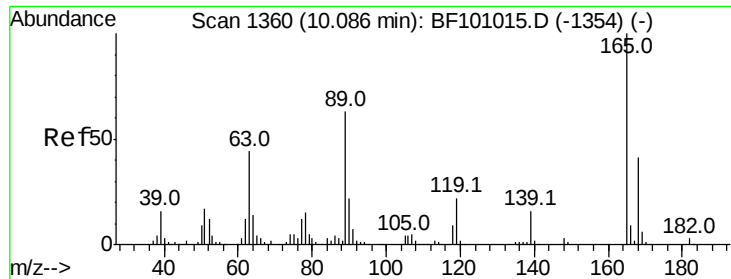
Tot Ion:172 Resp: 35789
 Ion Ratio Lower Upper
 172 100
 171 37.2 29.7 44.5
 170 21.3 19.6 29.4



#50
 2,6-Dinitrotoluene
 Concen: 7.408 ng
 RT: 9.87 min Scan# 1323
 Delta R.T. 0.21 min
 Lab File: BF101267.D
 Acq: 9 Dec 2017 7:02

Tgt Ion:165 Resp: 7919
 Ion Ratio Lower Upper
 165 100
 63 0.0 44.7 67.1#
 89 0.0 44.0 66.0#

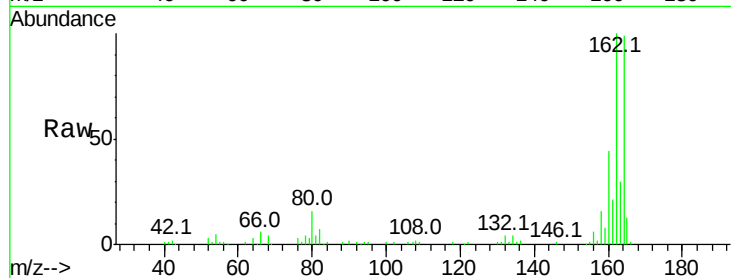




#56
 2,4-Dinitrotoluene
 Concen: 5.528 ng
 RT: 9.87 min Scan# 1323
 Delta R.T. -0.19 min
 Lab File: BF101267.D
 Acq: 9 Dec 2017 7:02

Instrument :
 BNA_F
 ClientSampled :

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#

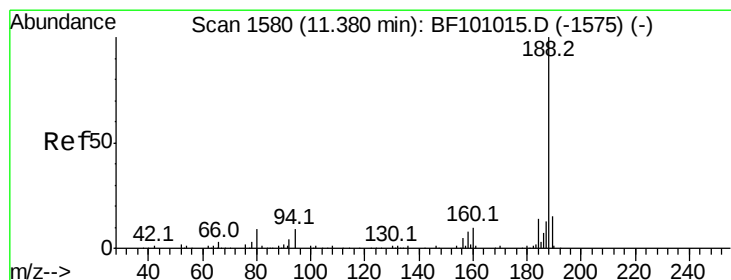
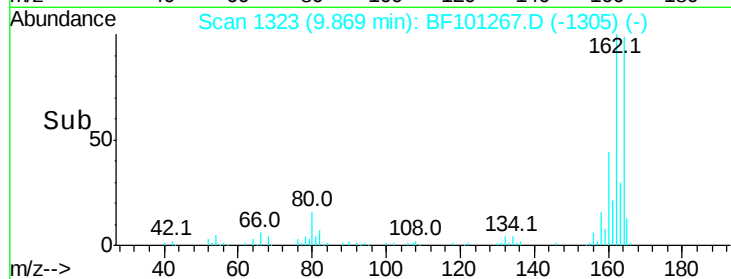
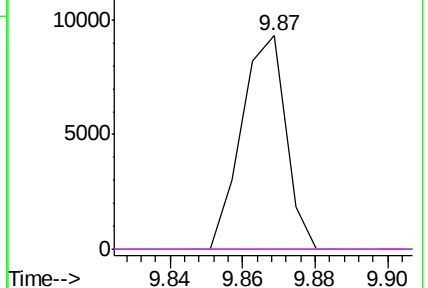


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

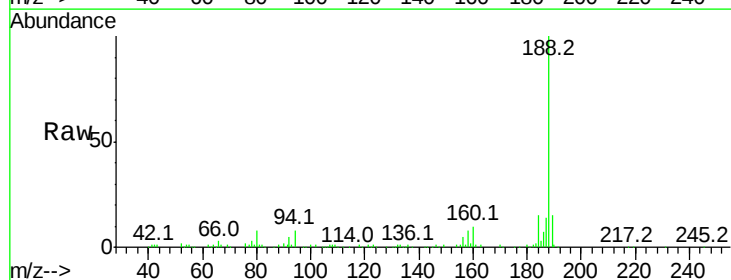
Ion 89.00 (88.70 to 89.70): BF1

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: BF101267.D
 Acq: 9 Dec 2017 7:02

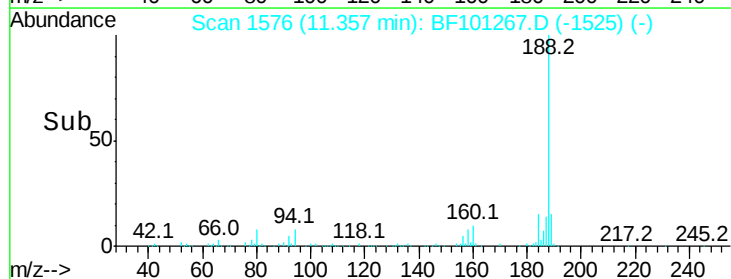
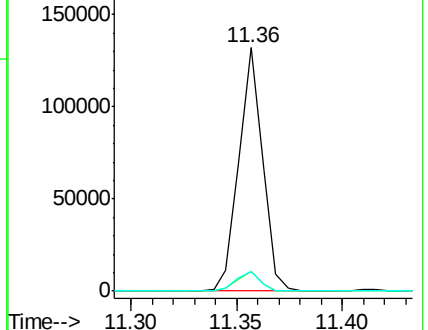
Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.9	8.5	12.7#
80	8.2	9.2	13.8#

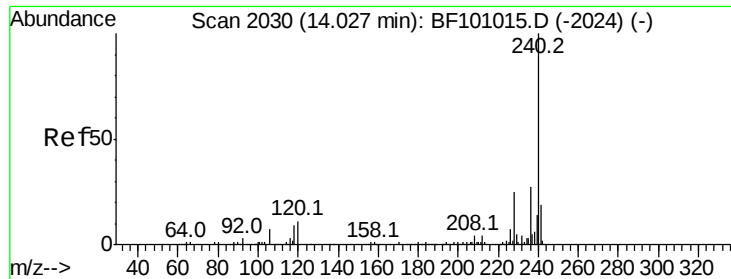


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

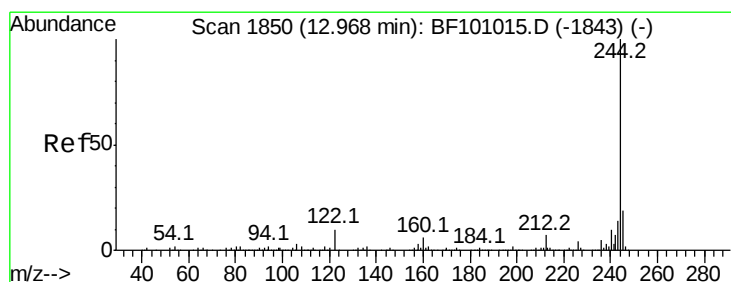
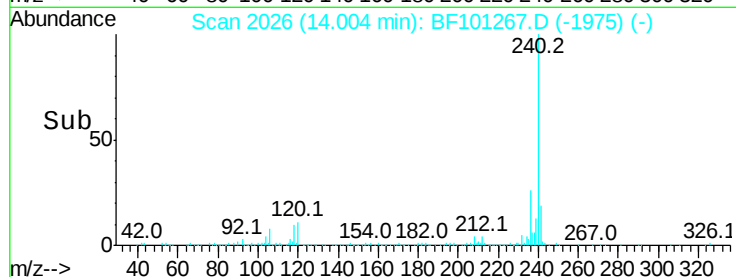
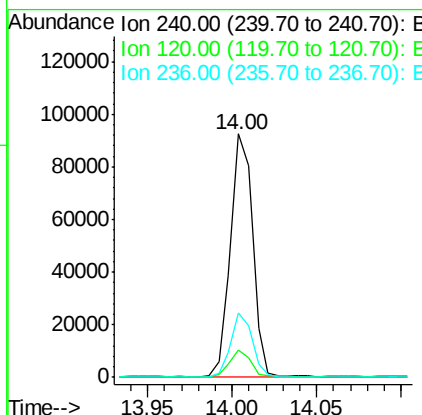
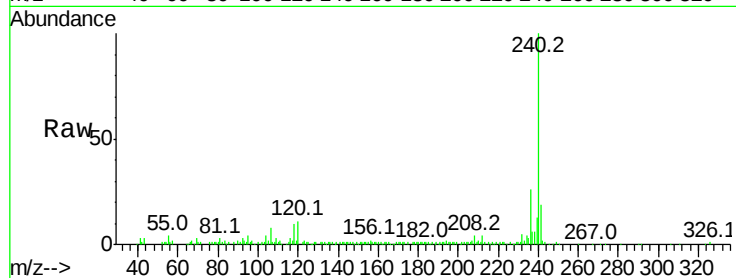




#75
 Chrvsene-d12
 Concen: 20.000 ng
 RT: 14.00 min Scan# 2026
 Delta R.T. 0.00 min
 Lab File: BF101267.D
 Acq: 9 Dec 2017 7:02

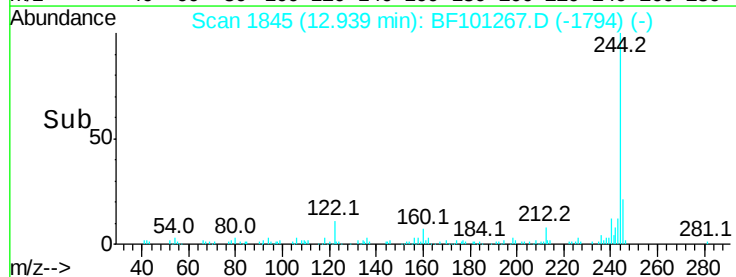
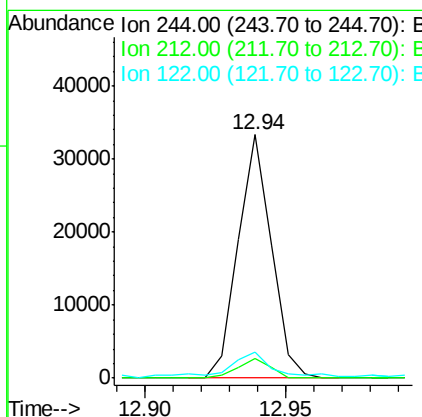
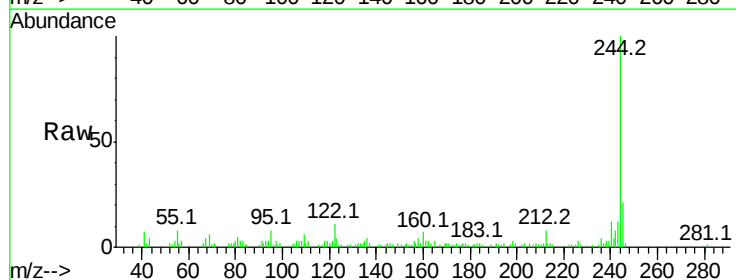
Instrument :
 BNA_F
 ClientSampleId :

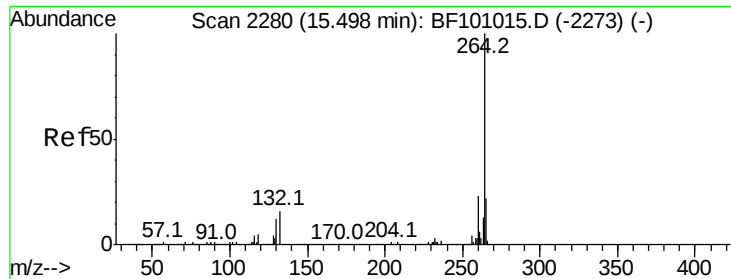
Tot Ion:240 Resp: 85080
 Ion Ratio Lower Upper
 240 100
 120 11.0 9.5 14.3
 236 26.4 20.7 31.1



#78
 Terphenyl-d14
 Concen: 7.007 ng
 RT: 12.94 min Scan# 1845
 Delta R.T. 0.00 min
 Lab File: BF101267.D
 Acq: 9 Dec 2017 7:02

Tgt Ion:244 Resp: 27256
 Ion Ratio Lower Upper
 244 100
 212 8.2 5.4 8.0#
 122 10.9 11.0 16.4#

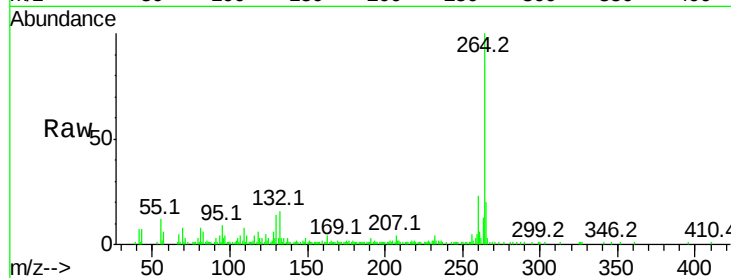




#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.48 min Scan# 2277
Delta R.T. 0.01 min
Lab File: BF101267.D
Acq: 9 Dec 2017 7:02

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.2	28.8
265	20.3	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

