

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122917\
 Data File : BF101822.D
 Acq On : 29 Dec 2017 12:06
 Operator : SJ/JU
 Sample : I7034-08 10X
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 29 13:28:06 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 29 13:21:45 2017
 Response via : Initial Calibration

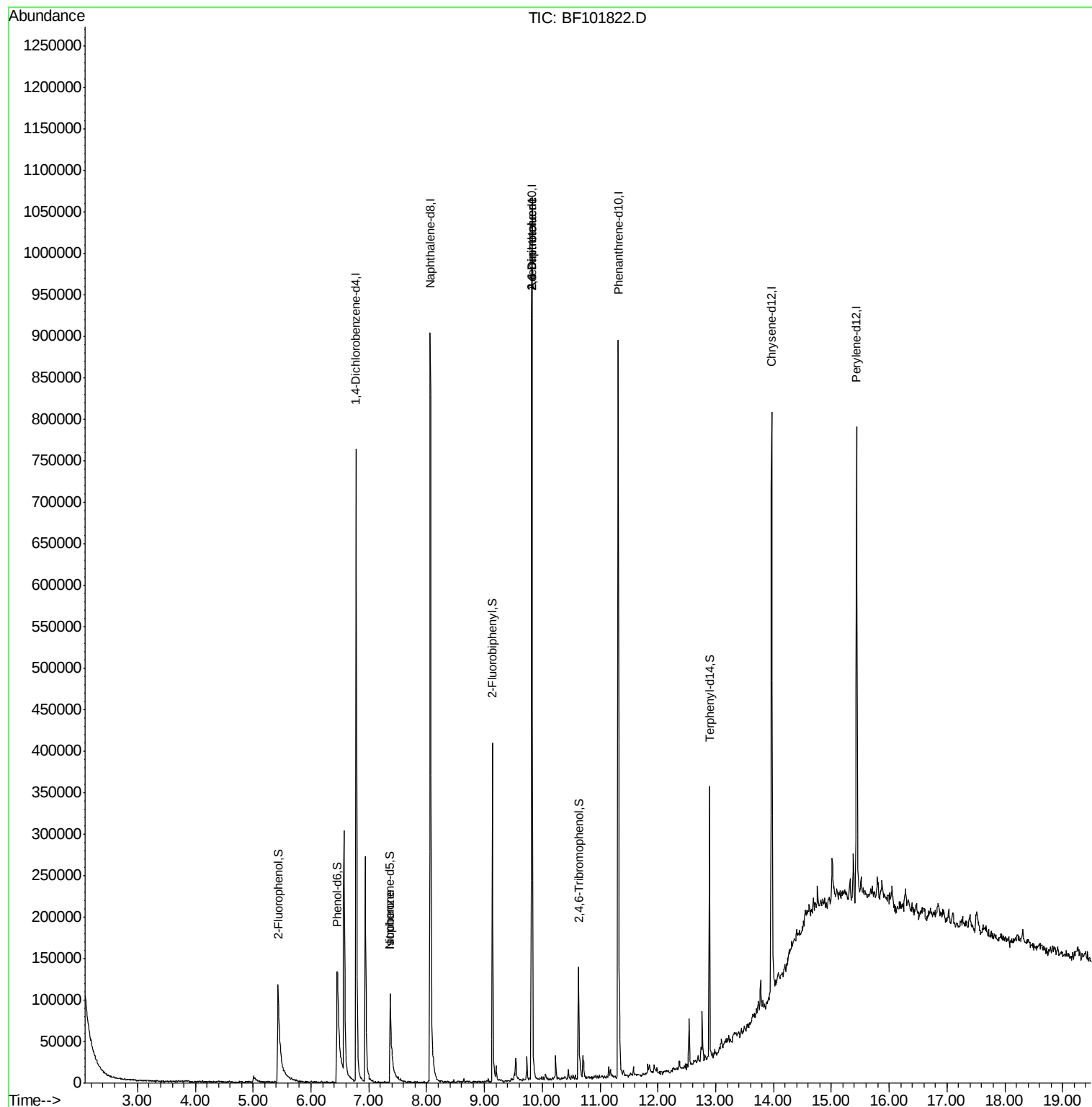
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.78	152	134825	20.00	ng	0.00
21) Naphthalene-d8	8.06	136	533043	20.00	ng	0.00
38) Acenaphthene-d10	9.82	164	219915	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	362729	20.00	ng	0.00
75) Chrysene-d12	13.97	240	263661	20.00	ng	0.00
86) Perylene-d12	15.44	264	286129	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	112795	12.46	ng	0.03
7) Phenol-d6	6.45	99	156140	13.86	ng	0.02
23) Nitrobenzene-d5	7.37	82	91225	9.53	ng	0.00
41) 2,4,6-Tribromophenol	10.63	330	23663	11.17	ng	0.00
44) 2-Fluorobiphenyl	9.14	172	155422	10.96	ng	0.00
78) Terphenyl-d14	12.89	244	102183	9.34	ng	0.00
Target Compounds						
25) Isophorone	7.37	82	91225	4.749	ng	# 64
50) 2,6-Dinitrotoluene	9.82	165	27585	7.673	ng	# 25
56) 2,4-Dinitrotoluene	9.82	165	27585	6.810	ng	# 23

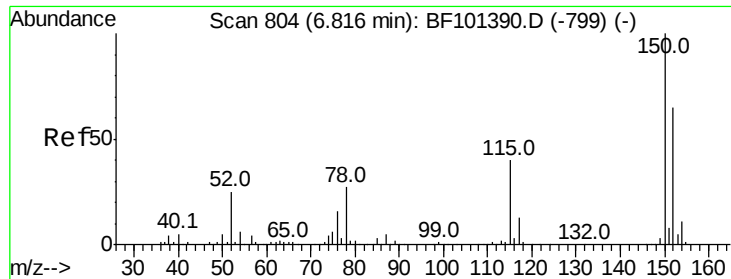
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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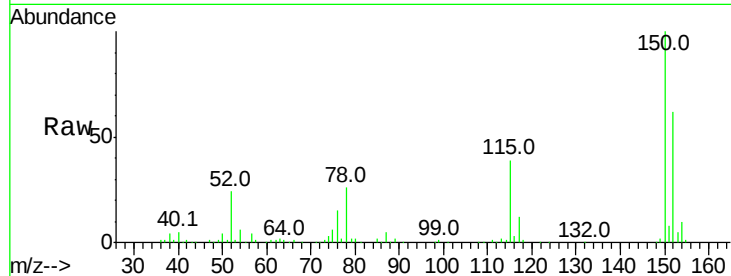


#1

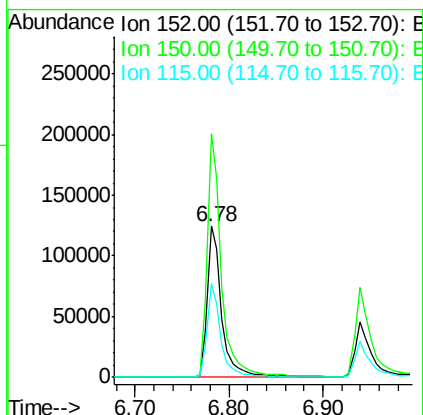
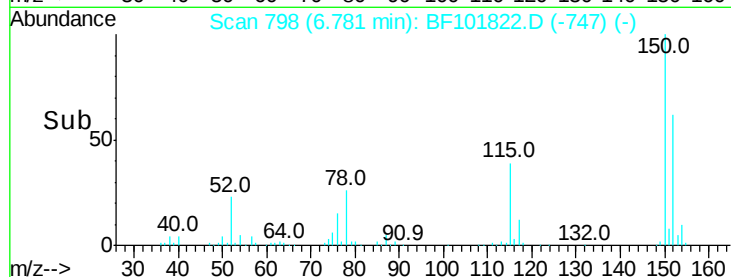
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.78 min Scan# 798
Delta R.T. 0.00 min
Lab File: BF101822.D
Acq: 29 Dec 2017 12:06

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 134825
Ion Ratio Lower Upper
152 100
150 160.9 124.6 186.8
115 62.1 50.1 75.1



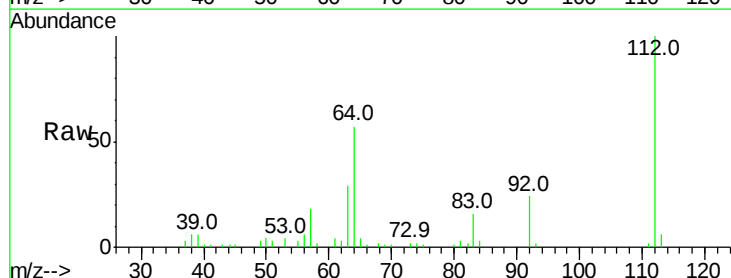
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



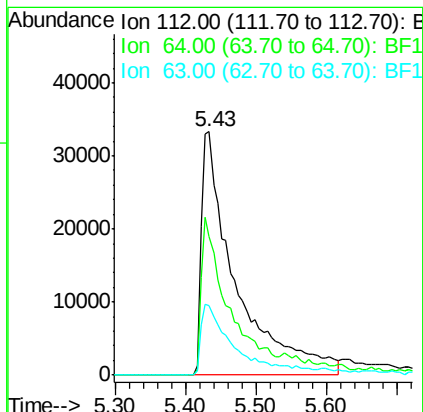
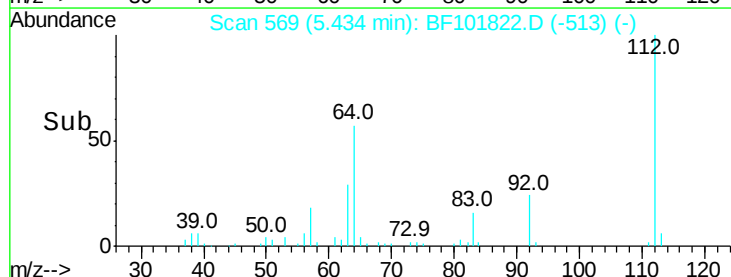
#5

2-Fluorophenol
Concen: 12.462 ng
RT: 5.43 min Scan# 569
Delta R.T. 0.03 min
Lab File: BF101822.D
Acq: 29 Dec 2017 12:06

Tgt Ion:112 Resp: 112795
Ion Ratio Lower Upper
112 100
64 56.7 47.9 71.9
63 28.6 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: 13.861 ng

RT: 6.45 min Scan# 742

Delta R.T. 0.02 min

Lab File: BF101822.D

Acq: 29 Dec 2017 12:06

Instrument :

BNA_F

ClientSampleId :

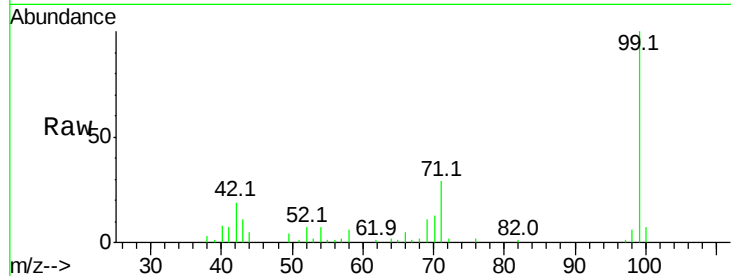
Tot Ion: 99 Resp: 156140

Ion Ratio Lower Upper

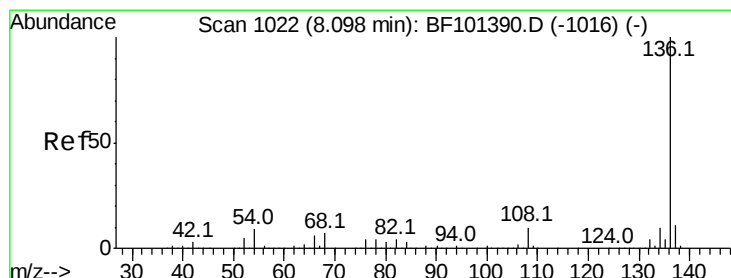
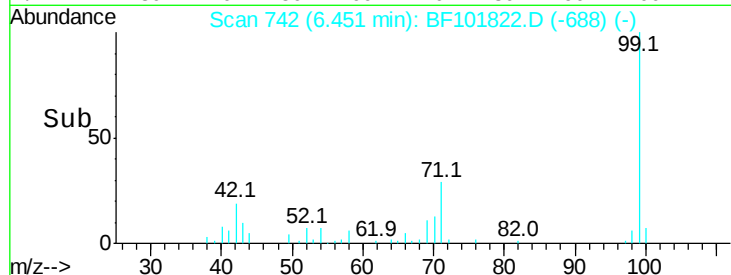
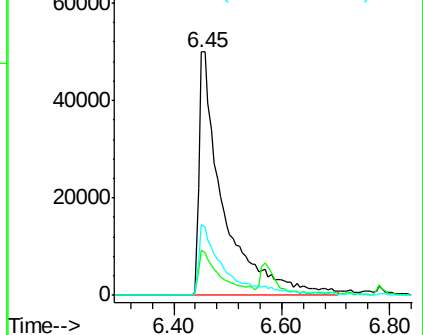
99 100

42 18.7 14.5 21.7

71 28.9 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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.06 min Scan# 1016

Delta R.T. -0.01 min

Lab File: BF101822.D

Acq: 29 Dec 2017 12:06

Tgt Ion: 136 Resp: 533043

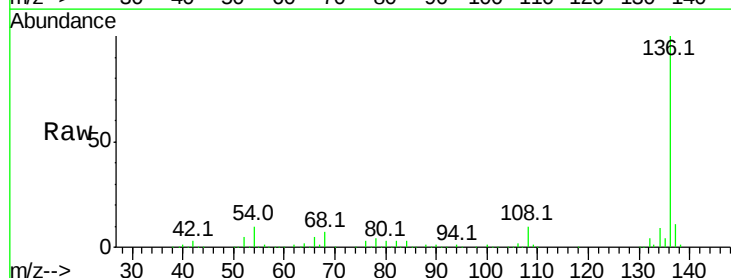
Ion Ratio Lower Upper

136 100

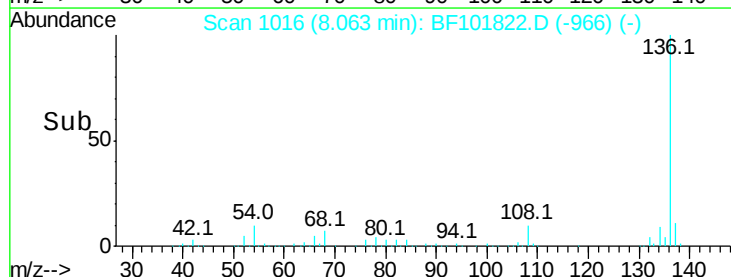
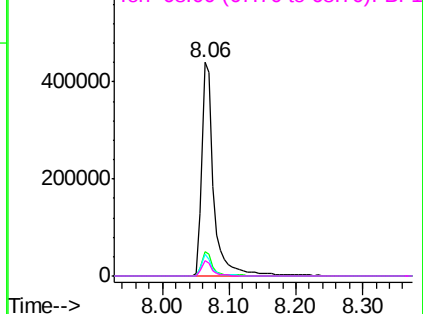
137 11.1 8.9 13.3

54 10.0 6.6 9.8#

68 7.3 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

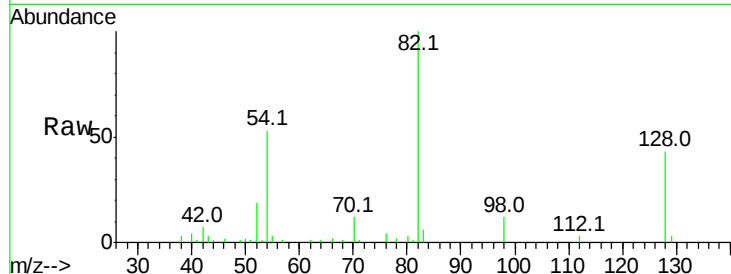




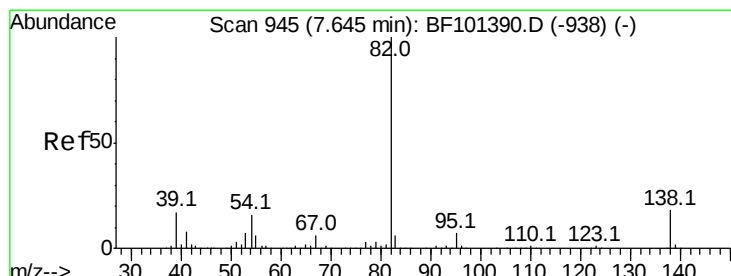
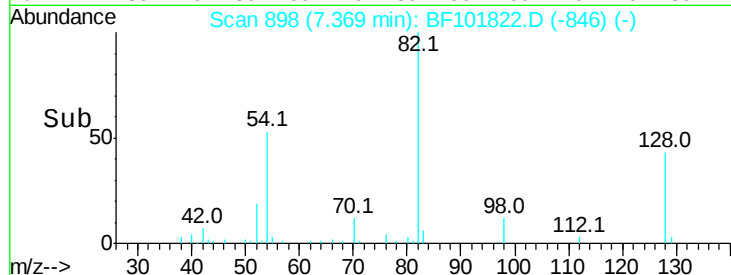
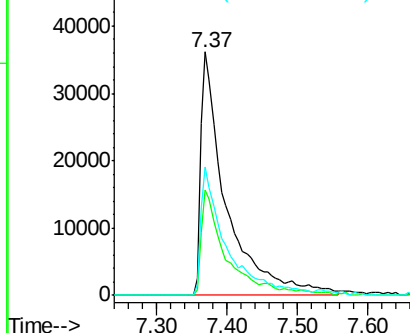
#23
 Nitrobenzene-d5
 Concen: 9.527 ng
 RT: 7.37 min Scan# 898
 Delta R.T. 0.01 min
 Lab File: BF101822.D
 Acq: 29 Dec 2017 12:06

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
82	100		
128	43.4	36.1	54.1
54	52.6	41.4	62.2

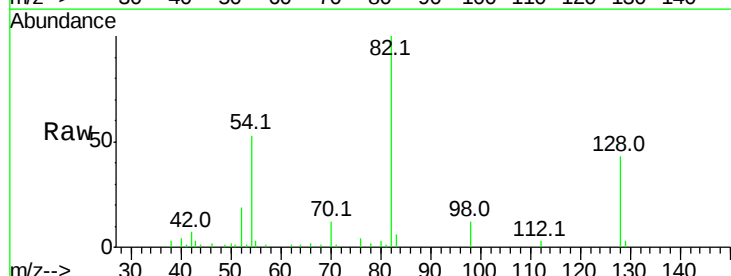


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

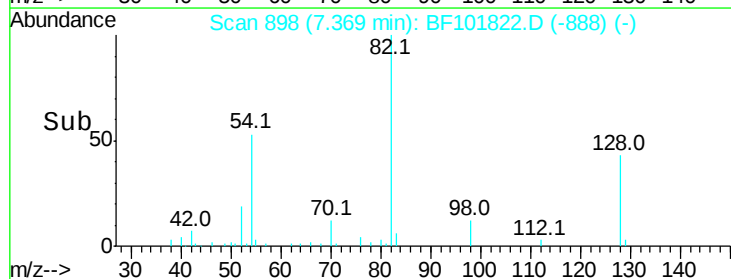
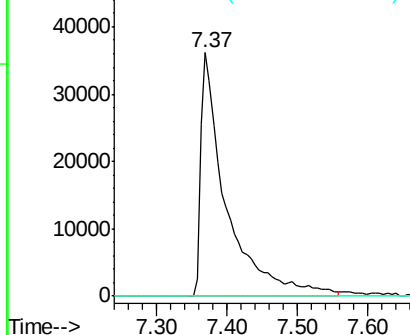


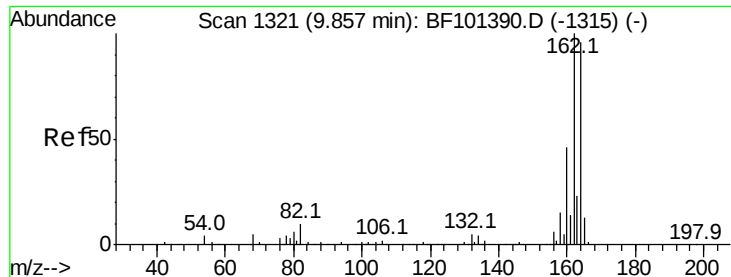
#25
 Isophorone
 Concen: 4.749 ng
 RT: 7.37 min Scan# 898
 Delta R.T. -0.24 min
 Lab File: BF101822.D
 Acq: 29 Dec 2017 12:06

Tgt 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

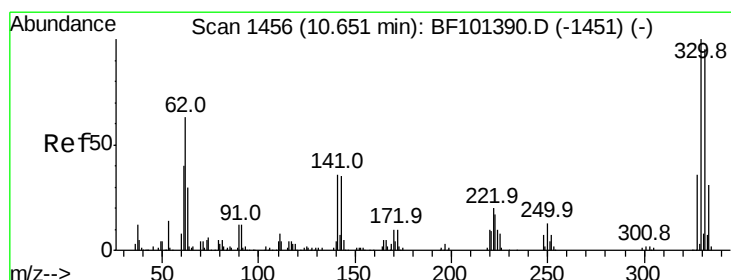
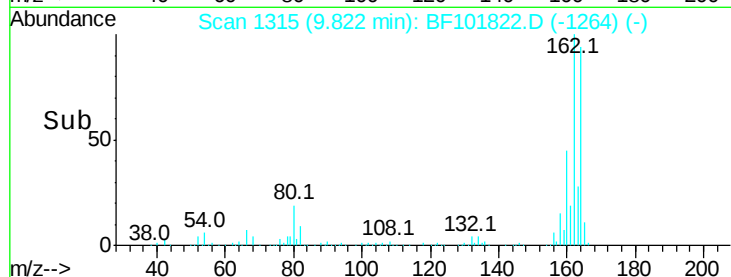
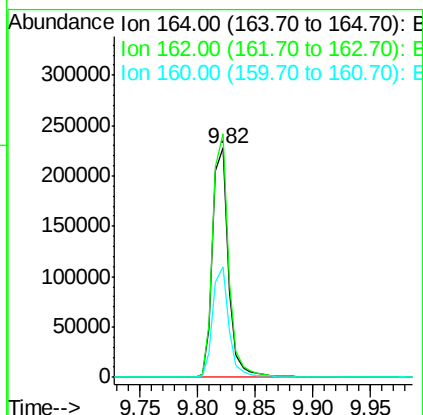
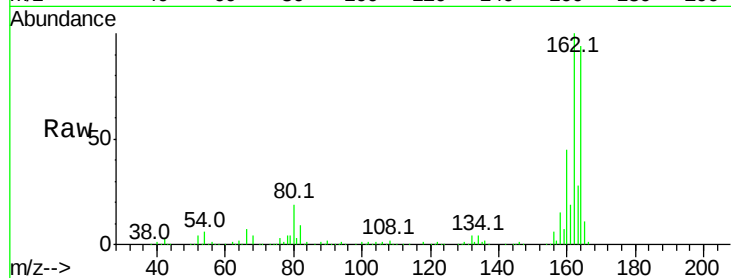




#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.82 min Scan# 1315
Delta R.T. 0.00 min
Lab File: BF101822.D
Acq: 29 Dec 2017 12:06

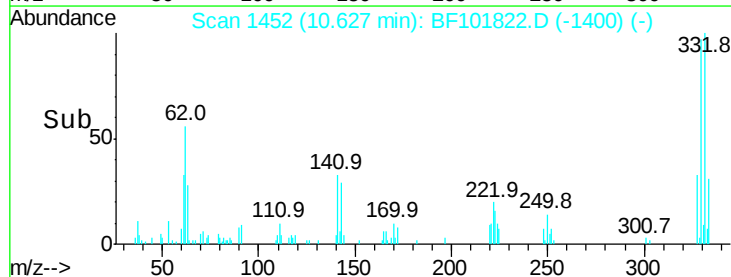
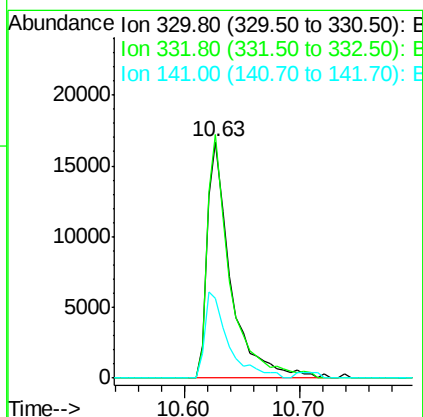
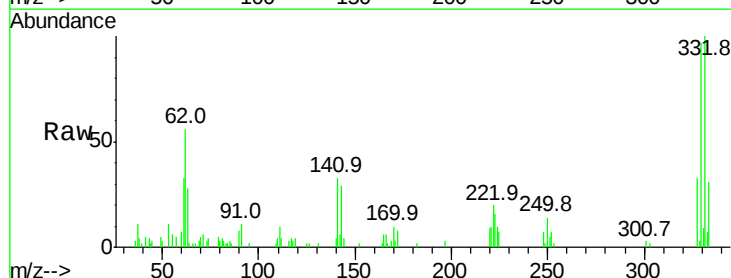
Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
164	100		
162	106.2	86.1	129.1
160	48.0	38.3	57.5



#41
2,4,6-Tribromophenol
Concen: 11.167 ng
RT: 10.63 min Scan# 1452
Delta R.T. 0.01 min
Lab File: BF101822.D
Acq: 29 Dec 2017 12:06

Tgt Ion	Ratio	Lower	Upper
330	100		
332	99.1	77.0	115.6
141	36.1	29.9	44.9

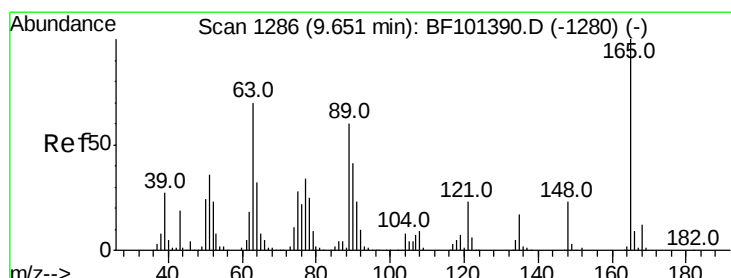
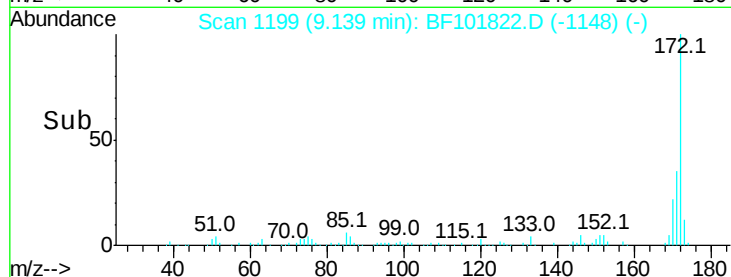
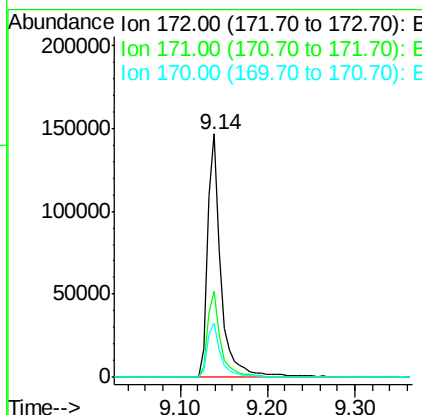
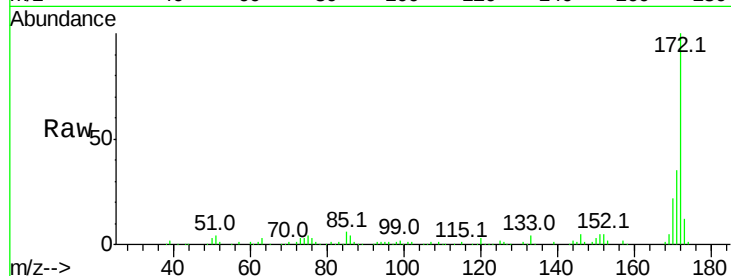




#44
 2-Fluorobiphenyl
 Concen: 10.963 ng
 RT: 9.14 min Scan# 1199
 Delta R.T. 0.00 min
 Lab File: BF101822.D
 Acq: 29 Dec 2017 12:06

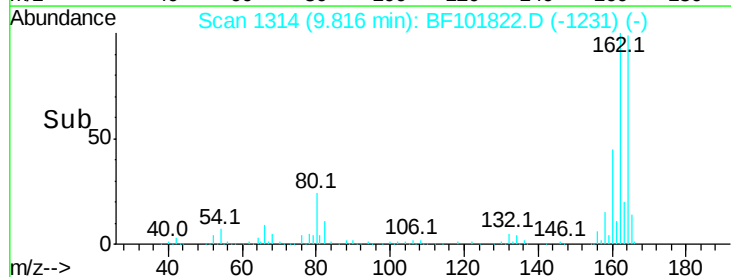
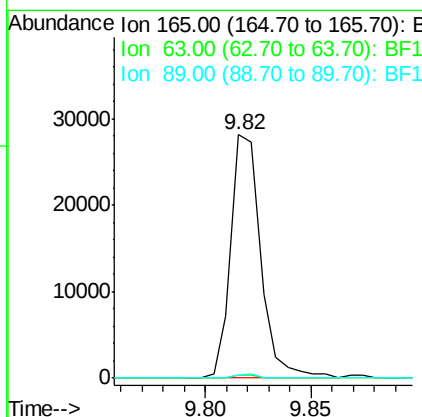
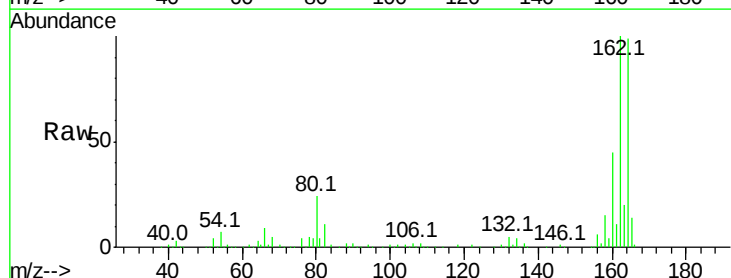
Instrument :
 BNA_F
 ClientSampleId :

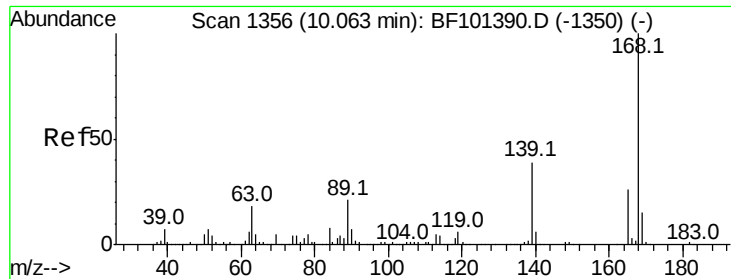
Tot Ion:172 Resp: 155422
 Ion Ratio Lower Upper
 172 100
 171 35.2 29.7 44.5
 170 22.1 19.6 29.4



#50
 2,6-Dinitrotoluene
 Concen: 7.673 ng
 RT: 9.82 min Scan# 1314
 Delta R.T. 0.19 min
 Lab File: BF101822.D
 Acq: 29 Dec 2017 12:06

Tgt Ion:165 Resp: 27585
 Ion Ratio Lower Upper
 165 100
 63 1.3 44.7 67.1#
 89 1.3 44.0 66.0#

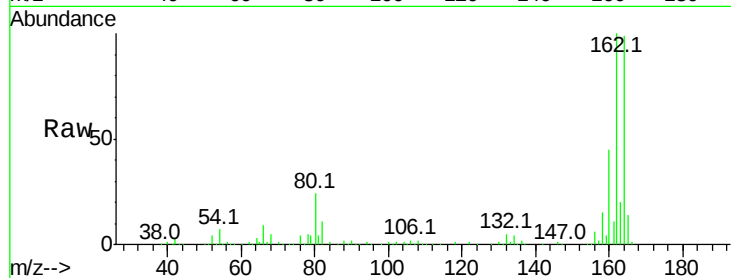




#56
 2,4-Dinitrotoluene
 Concen: 6.810 ng
 RT: 9.82 min Scan# 1314
 Delta R.T. -0.23 min
 Lab File: BF101822.D
 Acq: 29 Dec 2017 12:06

Instrument :
 BNA_F
 ClientSampleId :

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

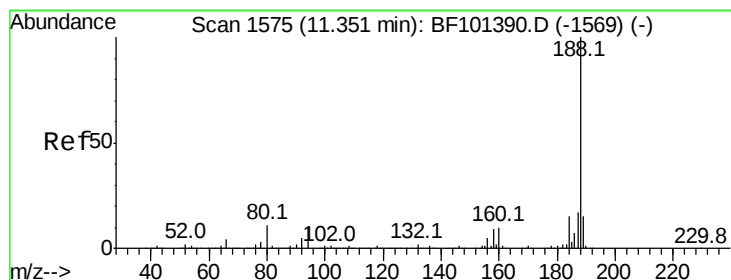
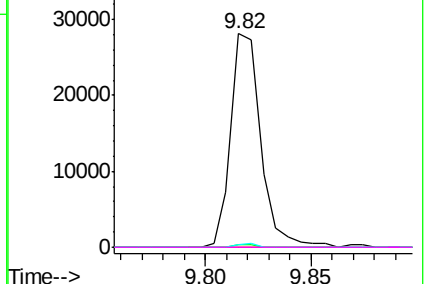
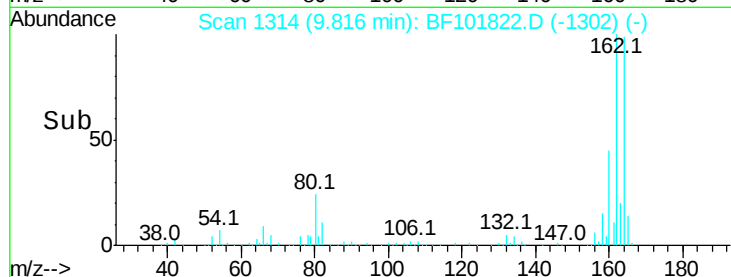


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

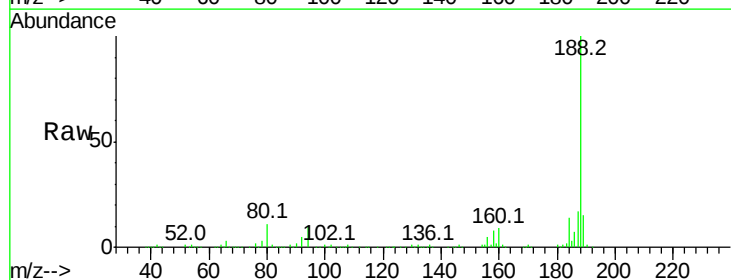
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.32 min Scan# 1569
 Delta R.T. 0.00 min
 Lab File: BF101822.D
 Acq: 29 Dec 2017 12:06

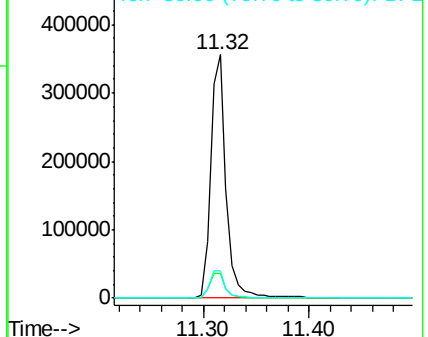
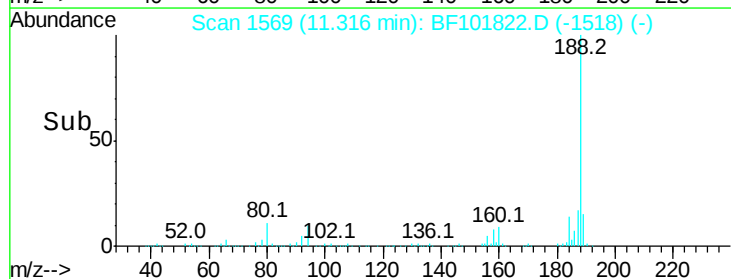
Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.1	8.5	12.7
80	11.0	9.2	13.8

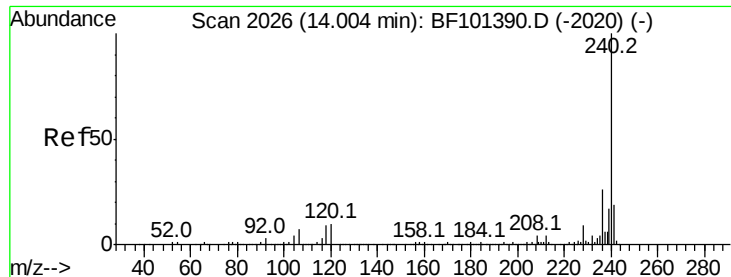


Abundance Ion 188.00 (187.70 to 188.70): E

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: 13.97 min Scan# 2020

Delta R.T. -0.01 min

Lab File: BF101822.D

Acq: 29 Dec 2017 12:06

Instrument :

BNA_F

ClientSampleId :

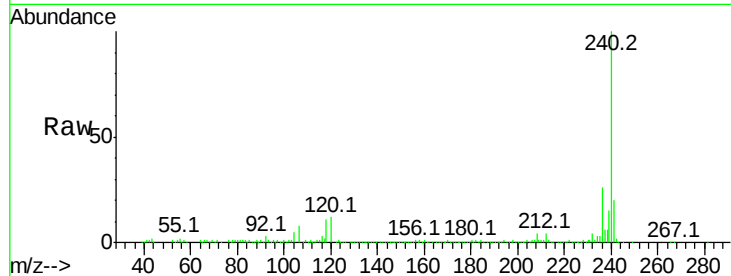
Tot Ion:240 Resp: 263661

Ion Ratio Lower Upper

240 100

120 12.1 9.5 14.3

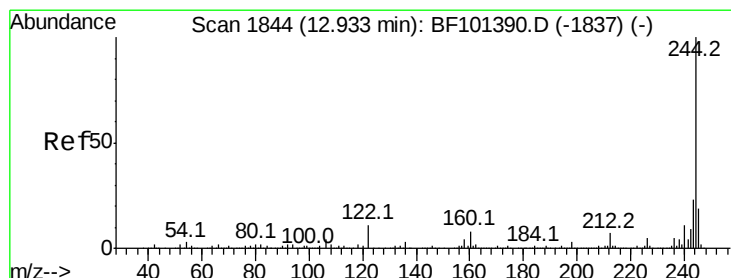
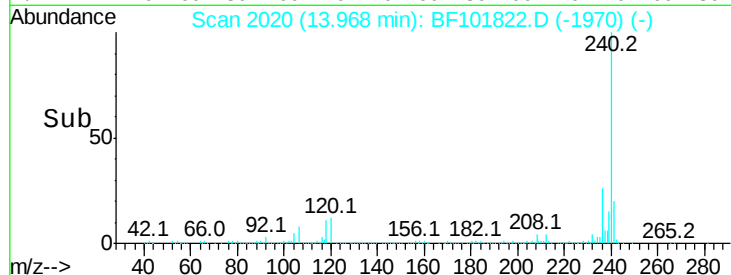
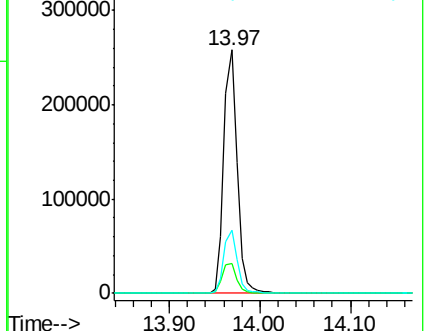
236 25.8 20.7 31.1



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: 9.343 ng

RT: 12.89 min Scan# 1837

Delta R.T. -0.01 min

Lab File: BF101822.D

Acq: 29 Dec 2017 12:06

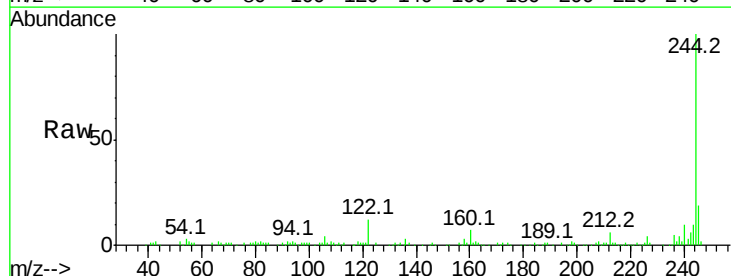
Tgt Ion:244 Resp: 102183

Ion Ratio Lower Upper

244 100

212 6.5 5.4 8.0

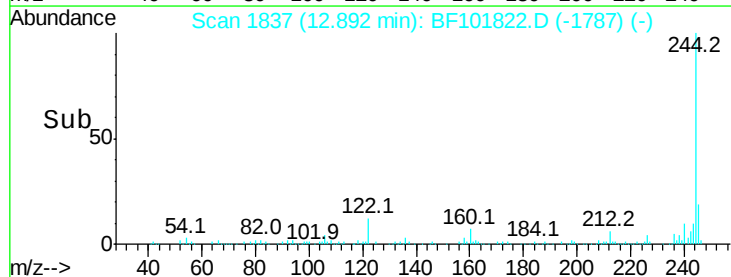
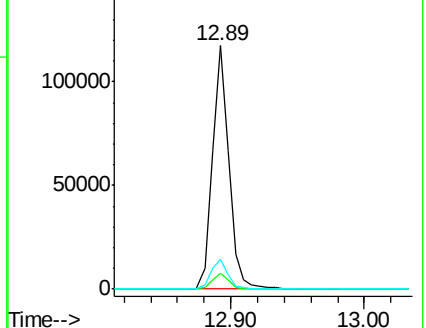
122 12.3 11.0 16.4

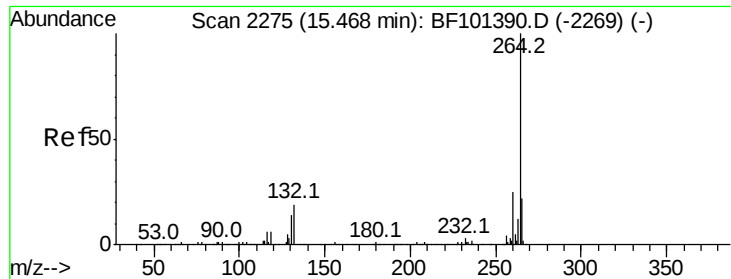


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

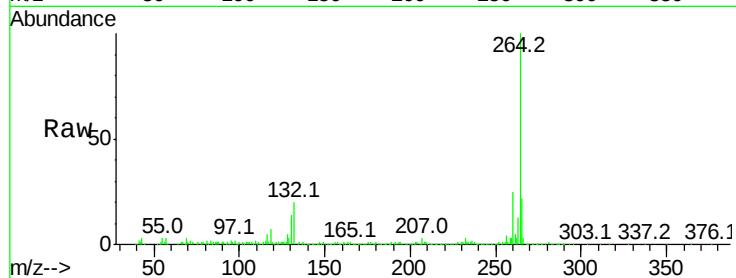




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.44 min Scan# 2270
 Delta R.T. 0.00 min
 Lab File: BF101822.D
 Acq: 29 Dec 2017 12:06

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	25.0	19.2	28.8
265	22.0	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

