

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100717\
 Data File : BF099205.D
 Acq On : 7 Oct 2017 20:21
 Operator : SJ/JU
 Sample : I5586-05 10X
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 08 03:39:26 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

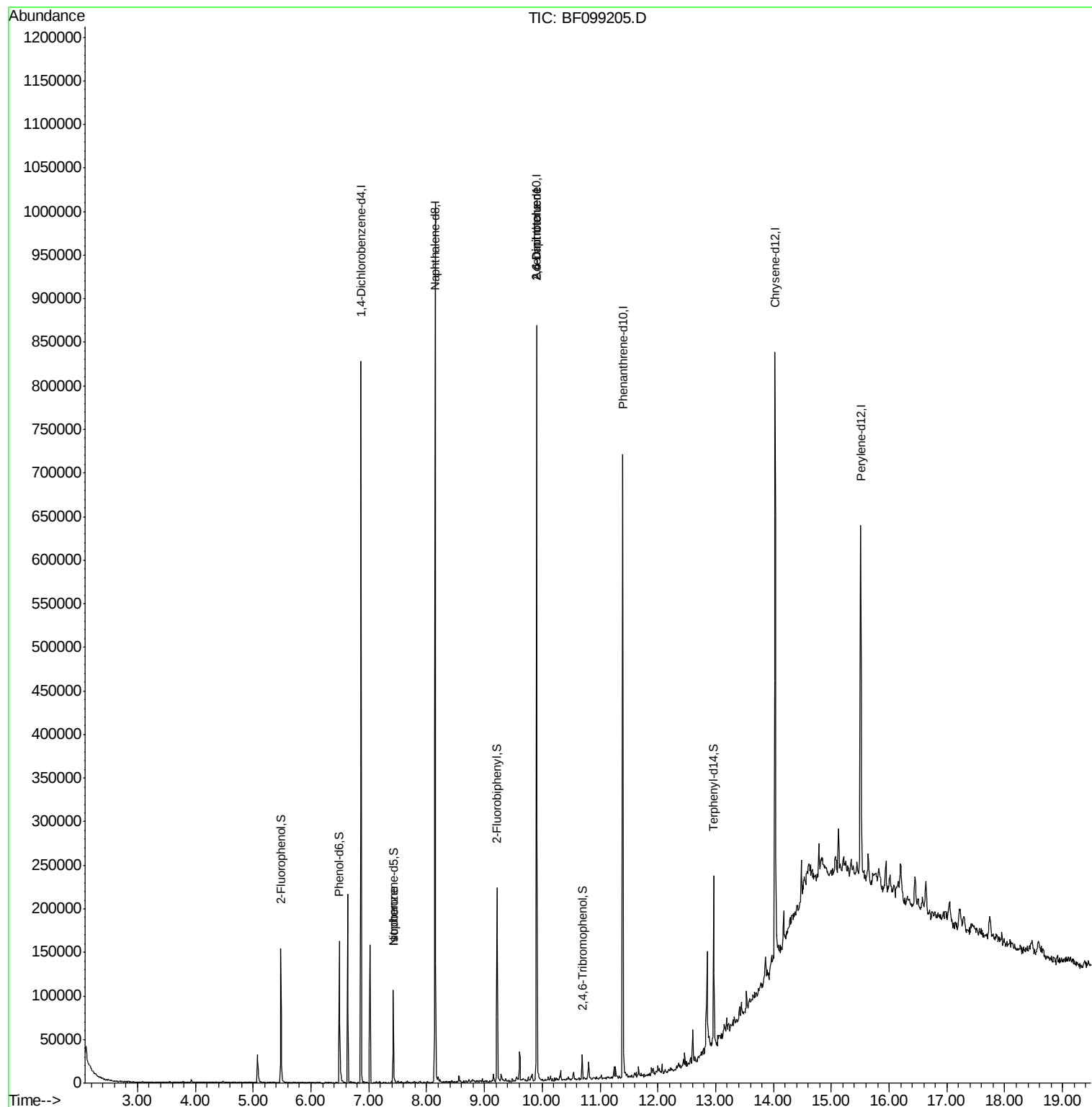
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	116772	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	446567	20.00	ng	0.00
38) Acenaphthene-d10	9.90	164	166726	20.00	ng	0.00
63) Phenanthrene-d10	11.39	188	259963	20.00	ng	0.00
75) Chrysene-d12	14.03	240	213258	20.00	ng	0.00
86) Perylene-d12	15.51	264	164809	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	47014	6.41	ng	0.00
7) Phenol-d6	6.49	99	64674	7.15	ng	0.00
23) Nitrobenzene-d5	7.42	82	32210	4.63	ng	-0.01
41) 2,4,6-Tribromophenol	10.69	330	3346	2.45	ng	0.00
44) 2-Fluorobiphenyl	9.22	172	68108	6.82	ng	-0.01
78) Terphenyl-d14	12.97	244	51037	5.44	ng	0.00
Target Compounds						
25) Isophorone	7.42	82	32209	2.237	ng	# 64
50) 2,6-Dinitrotoluene	9.90	165	21382	7.805	ng	# 24
56) 2,4-Dinitrotoluene	9.90	165	21382	6.014	ng	# 21

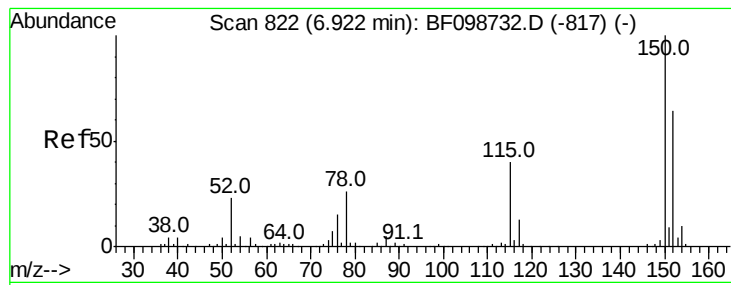
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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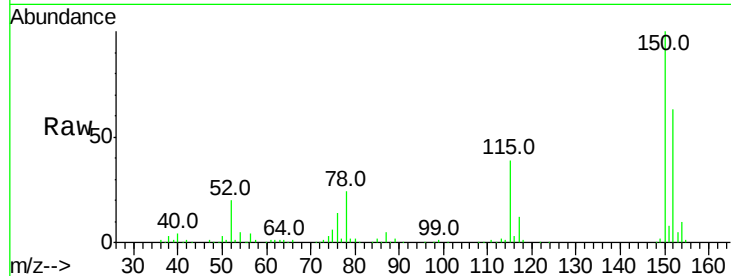


#1

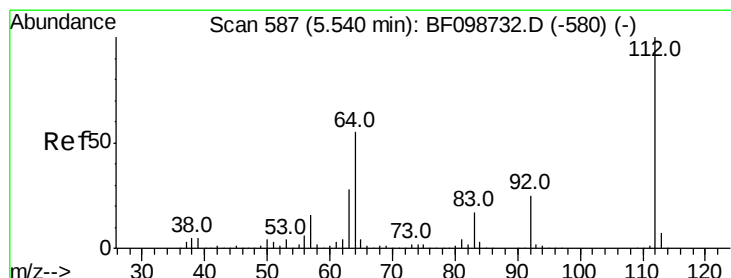
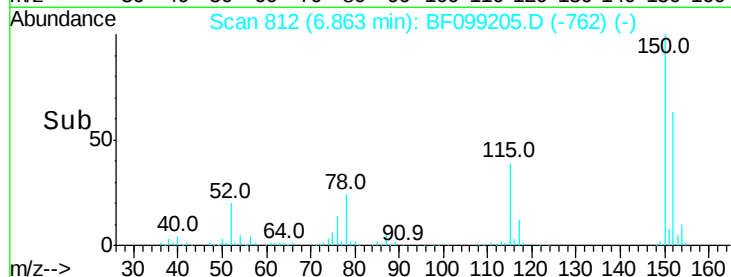
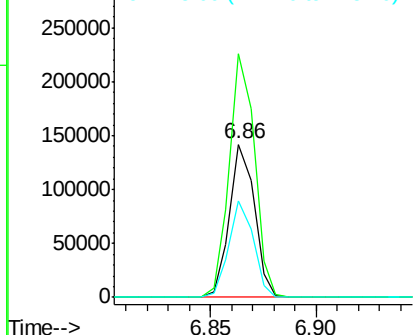
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 812
Delta R.T. -0.01 min
Lab File: BF099205.D
Acq: 7 Oct 2017 20:21

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 116772
Ion Ratio Lower Upper
152 100
150 159.2 124.6 186.8
115 62.6 50.1 75.1



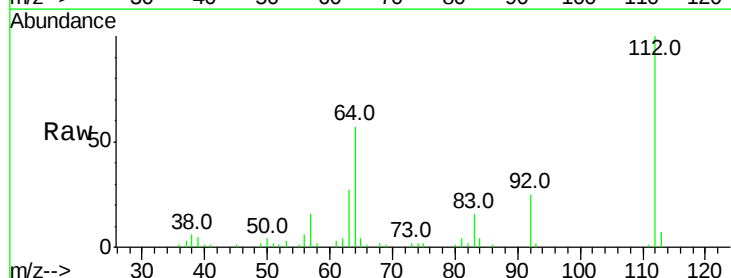
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



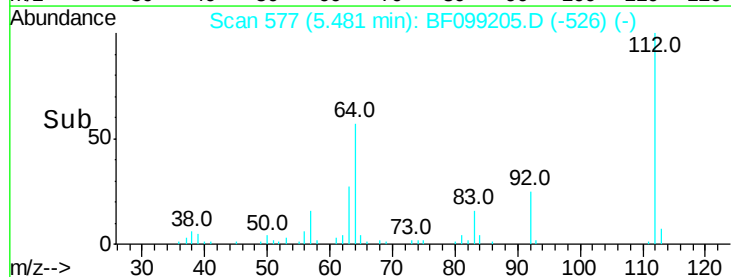
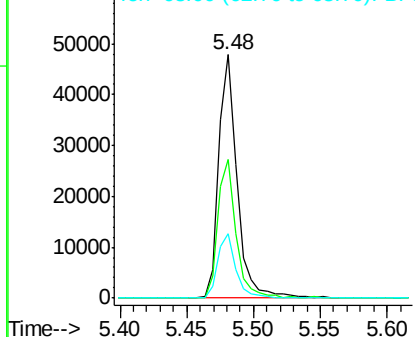
#5

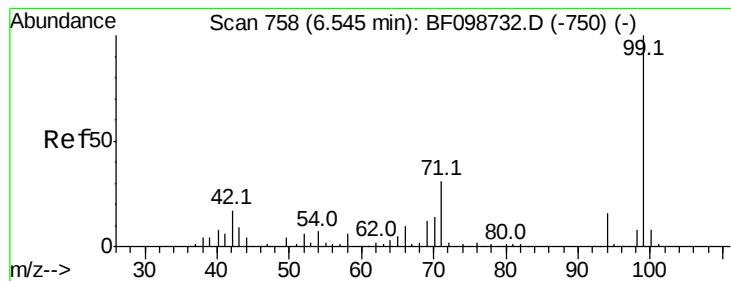
2-Fluorophenol
Concen: 6.409 ng
RT: 5.48 min Scan# 577
Delta R.T. 0.00 min
Lab File: BF099205.D
Acq: 7 Oct 2017 20:21

Tgt Ion:112 Resp: 47014
Ion Ratio Lower Upper
112 100
64 57.1 47.9 71.9
63 26.7 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF0
Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 7.147 ng

RT: 6.49 min Scan# 749

Delta R.T. -0.01 min

Lab File: BF099205.D

Acq: 7 Oct 2017 20:21

Instrument :

BNA_F

ClientSampleId :

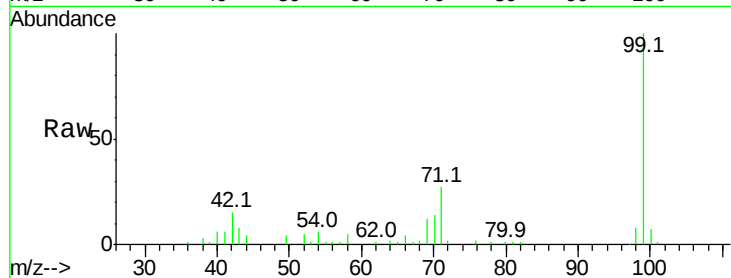
Tot Ion: 99 Resp: 64674

Ion Ratio Lower Upper

99 100

42 15.3 14.5 21.7

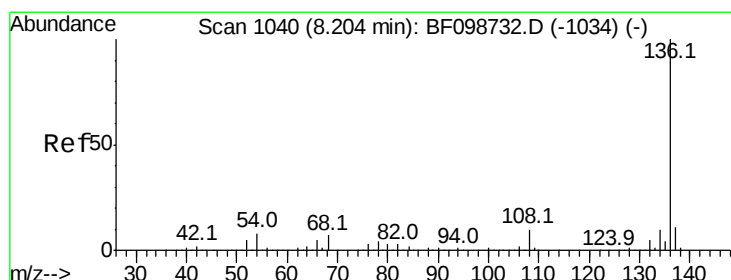
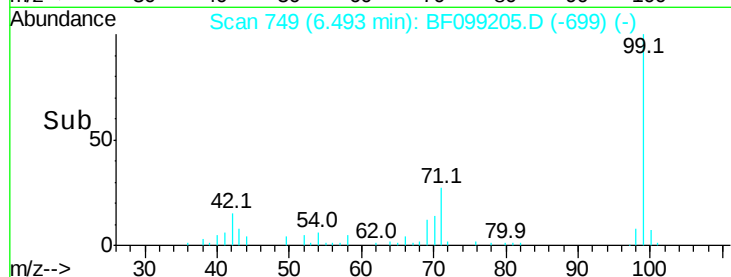
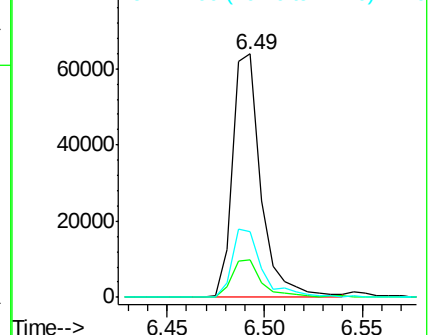
71 27.0 25.4 38.0



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: 20.000 ng

RT: 8.15 min Scan# 1030

Delta R.T. -0.01 min

Lab File: BF099205.D

Acq: 7 Oct 2017 20:21

Tgt Ion: 136 Resp: 446567

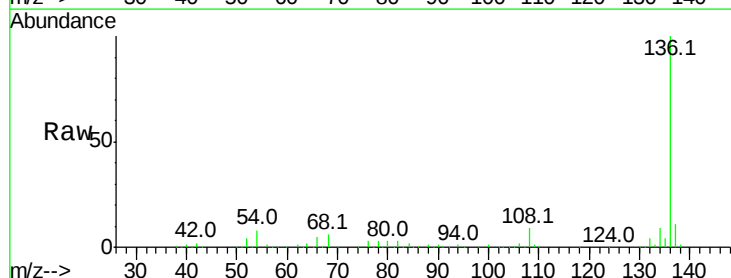
Ion Ratio Lower Upper

136 100

137 10.9 8.9 13.3

54 7.6 6.6 9.8

68 6.1 5.0 7.4

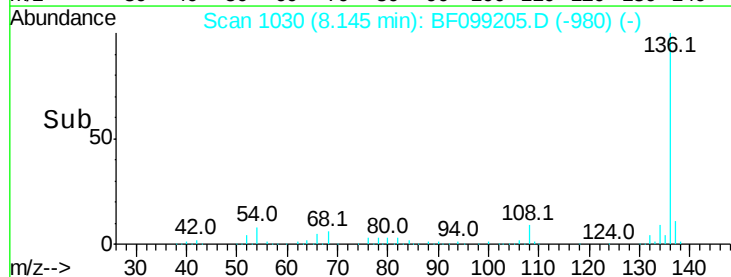
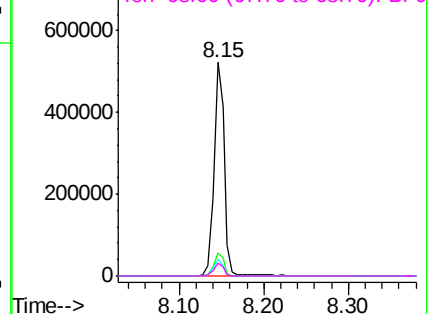


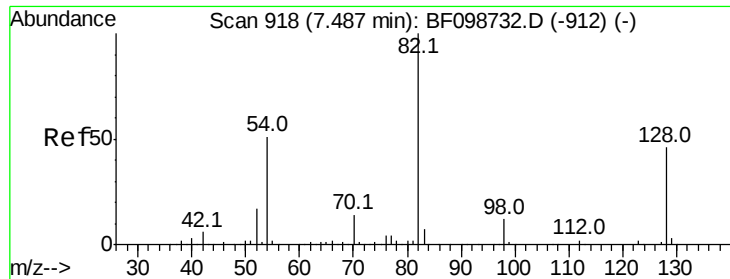
Abundance Ion 136.00 (135.70 to 136.70): E

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

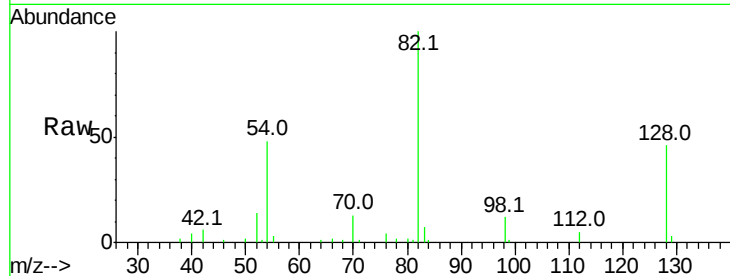




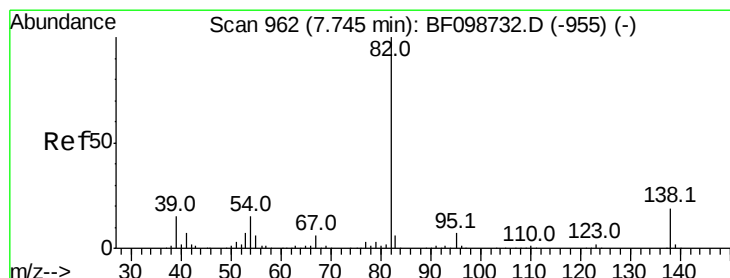
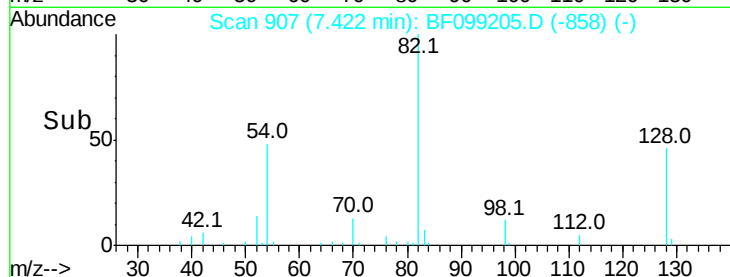
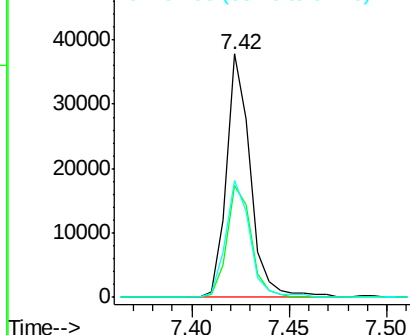
#23
 Nitrobenzene-d5
 Concen: 4.626 ng
 RT: 7.42 min Scan# 907
 Delta R.T. -0.01 min
 Lab File: BF099205.D
 Acq: 7 Oct 2017 20:21

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	82	Resp	32210
Ion Ratio	Lower	Upper	
82	100		
128	45.9	36.1	54.1
54	48.2	41.4	62.2

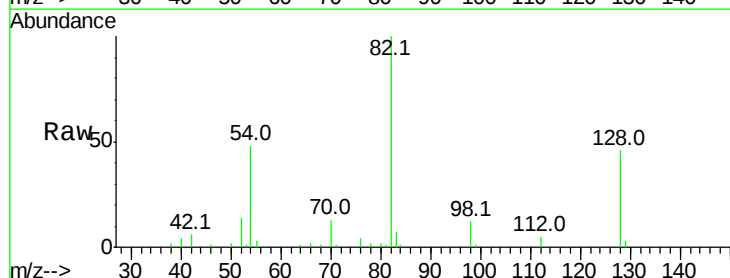


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): BF0
 Ion 54.00 (53.70 to 54.70): BF0

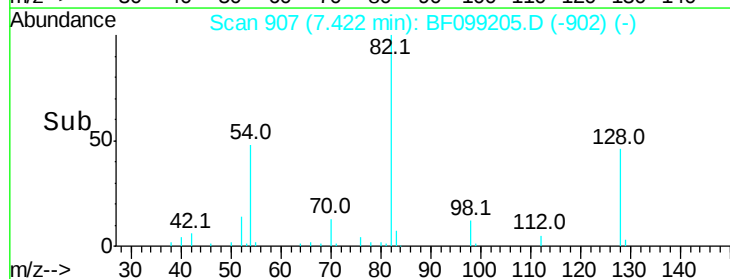
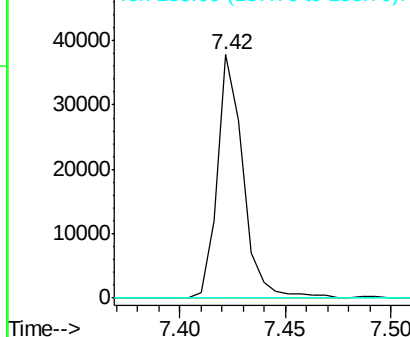


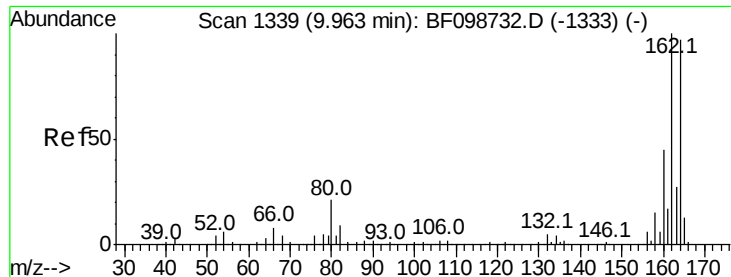
#25
 Isophorone
 Concen: 2.237 ng
 RT: 7.42 min Scan# 907
 Delta R.T. -0.27 min
 Lab File: BF099205.D
 Acq: 7 Oct 2017 20:21

Tgt Ion	82	Resp	32209
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): BF0
 Ion 95.00 (94.70 to 95.70): BF0
 Ion 138.00 (137.70 to 138.70): BF0

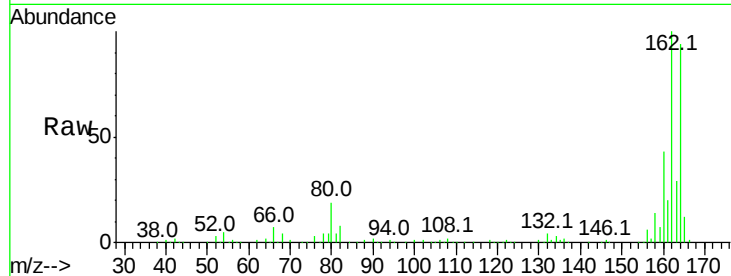




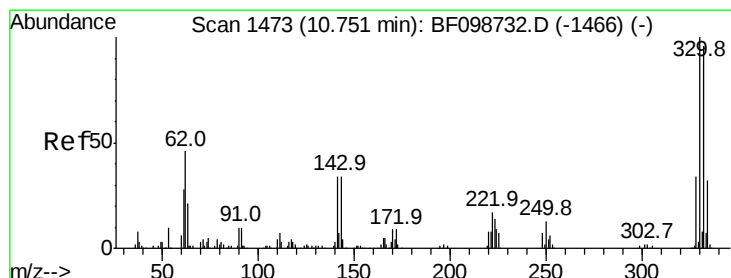
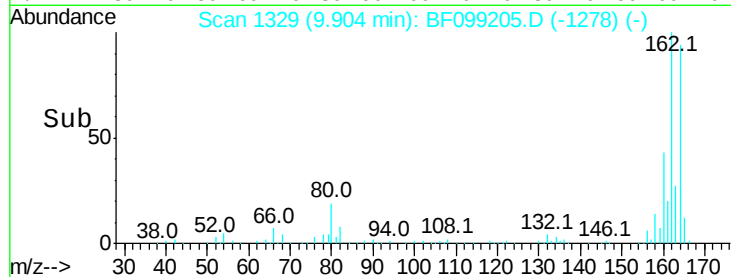
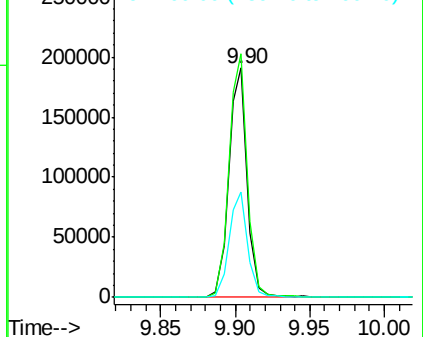
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.90 min Scan# 1329
 Delta R.T. 0.00 min
 Lab File: BF099205.D
 Acq: 7 Oct 2017 20:21

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:164 Resp: 166726
 Ion Ratio Lower Upper
 164 100
 162 106.2 86.1 129.1
 160 46.2 38.3 57.5

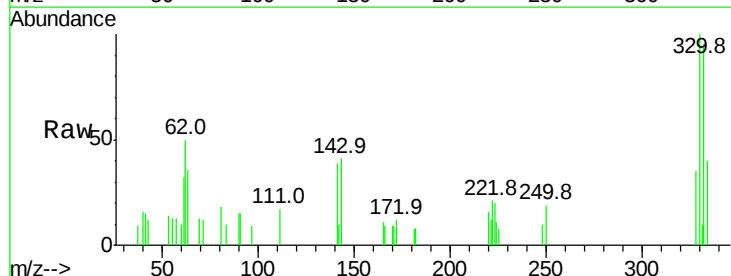


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

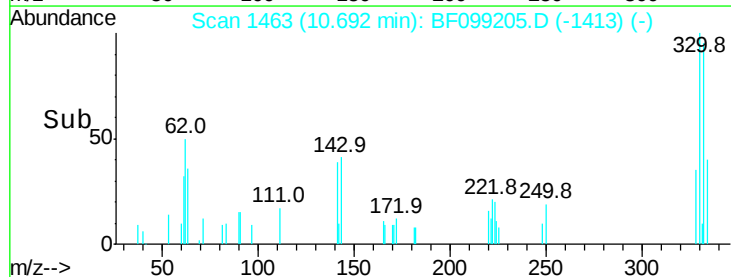
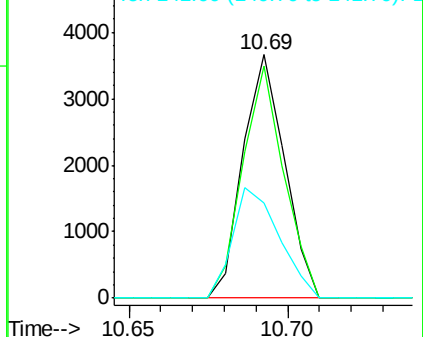


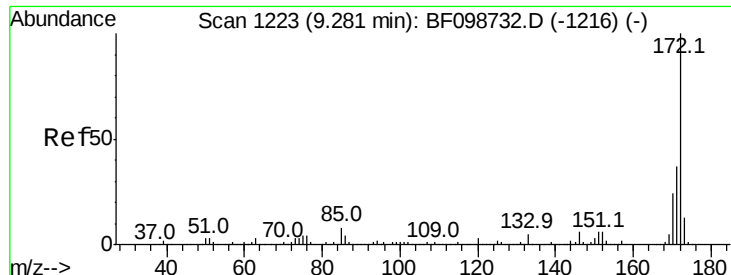
#41
 2,4,6-Tribromophenol
 Concen: 2.453 ng
 RT: 10.69 min Scan# 1463
 Delta R.T. -0.01 min
 Lab File: BF099205.D
 Acq: 7 Oct 2017 20:21

Tgt Ion:330 Resp: 3346
 Ion Ratio Lower Upper
 330 100
 332 94.4 77.0 115.6
 141 50.3 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

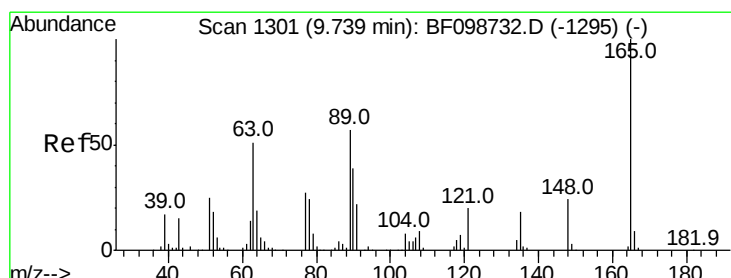
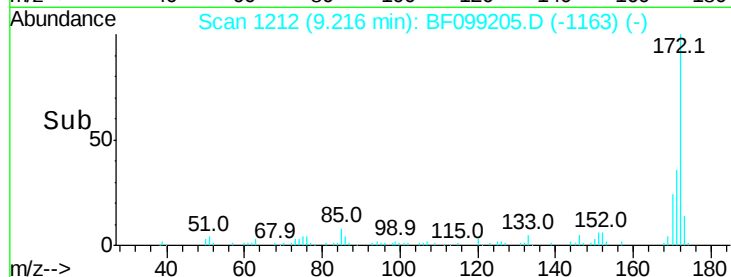
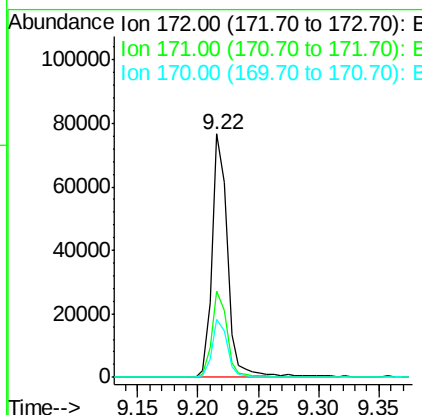
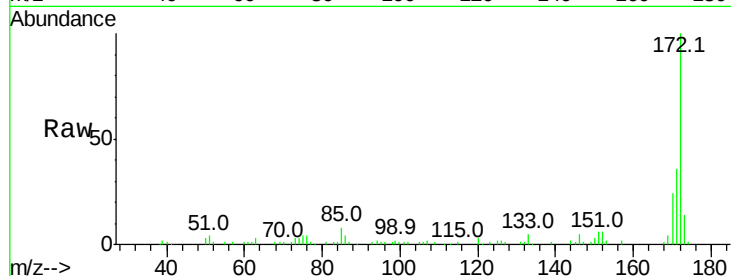




#44
 2-Fluorobiphenyl
 Concen: 6.820 ng
 RT: 9.22 min Scan# 1212
 Delta R.T. -0.01 min
 Lab File: BF099205.D
 Acq: 7 Oct 2017 20:21

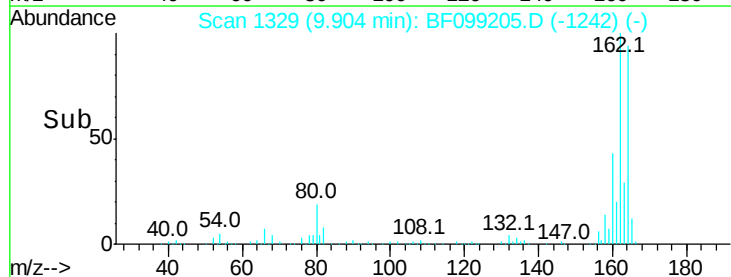
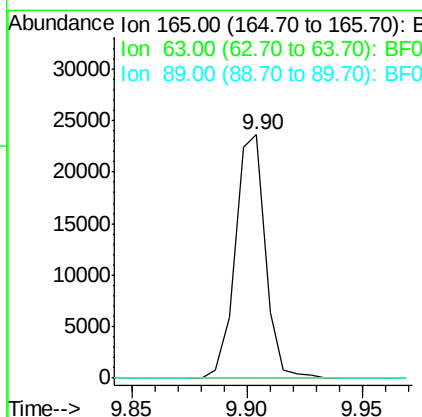
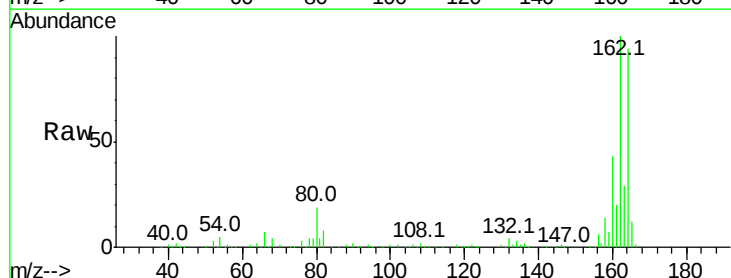
Instrument :
 BNA_F
 ClientSampled :

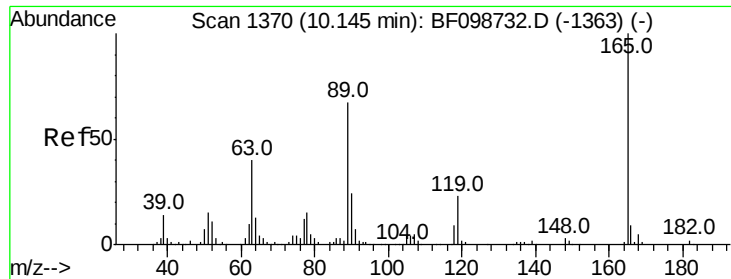
Tot Ion:172 Resp: 68108
 Ion Ratio Lower Upper
 172 100
 171 35.5 29.7 44.5
 170 23.6 19.6 29.4



#50
 2,6-Dinitrotoluene
 Concen: 7.805 ng
 RT: 9.90 min Scan# 1329
 Delta R.T. 0.21 min
 Lab File: BF099205.D
 Acq: 7 Oct 2017 20:21

Tgt Ion:165 Resp: 21382
 Ion Ratio Lower Upper
 165 100
 63 0.0 44.7 67.1#
 89 0.0 44.0 66.0#

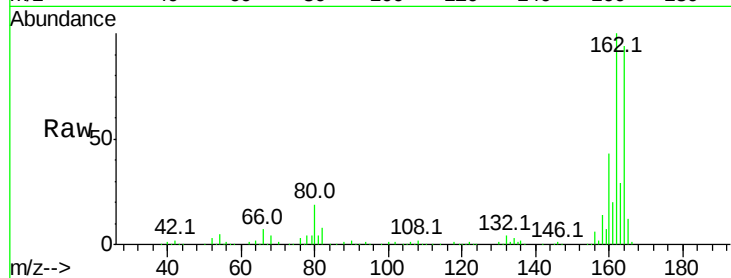




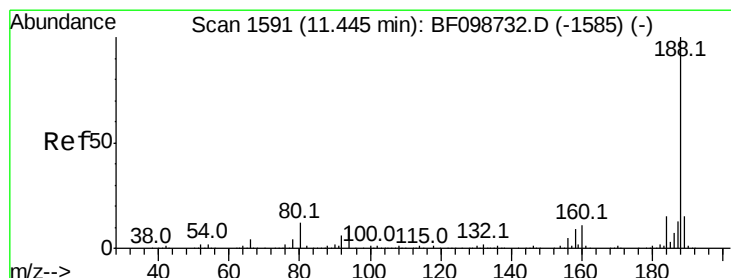
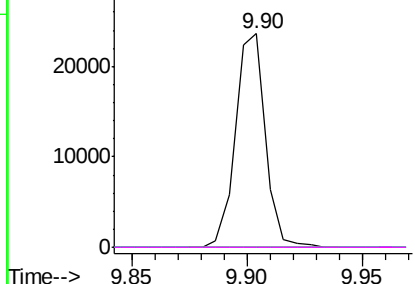
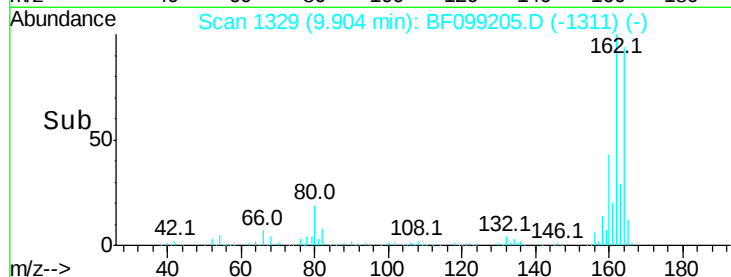
#56
 2,4-Dinitrotoluene
 Concen: 6.014 ng
 RT: 9.90 min Scan# 1329
 Delta R.T. -0.19 min
 Lab File: BF099205.D
 Acq: 7 Oct 2017 20:21

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:165 Resp: 21382
 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#

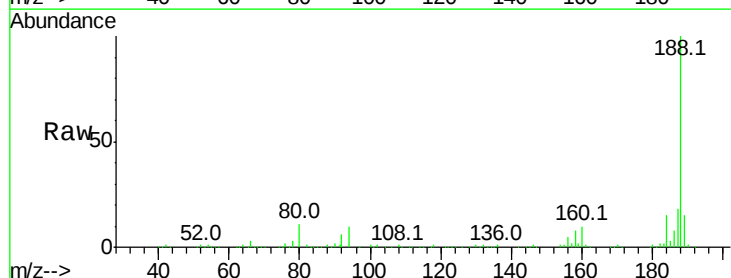


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0
 Ion 182.00 (181.70 to 182.70): E

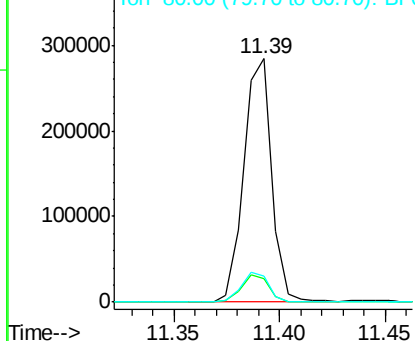
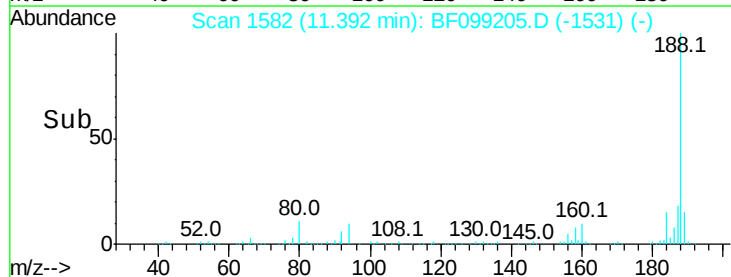


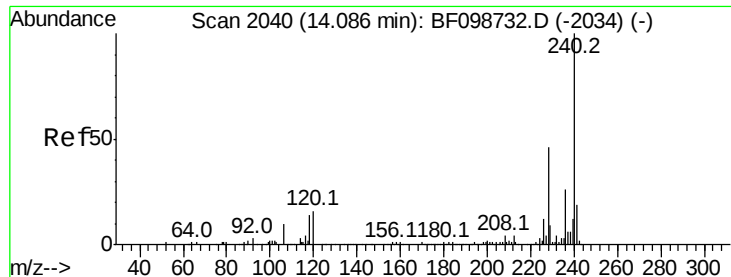
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.39 min Scan# 1582
 Delta R.T. 0.00 min
 Lab File: BF099205.D
 Acq: 7 Oct 2017 20:21

Tgt Ion:188 Resp: 259963
 Ion Ratio Lower Upper
 188 100
 94 9.6 8.5 12.7
 80 10.7 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: 20.000 ng

RT: 14.03 min Scan# 2030

Delta R.T. -0.01 min

Lab File: BF099205.D

Acq: 7 Oct 2017 20:21

Instrument :

BNA_F

ClientSampleId :

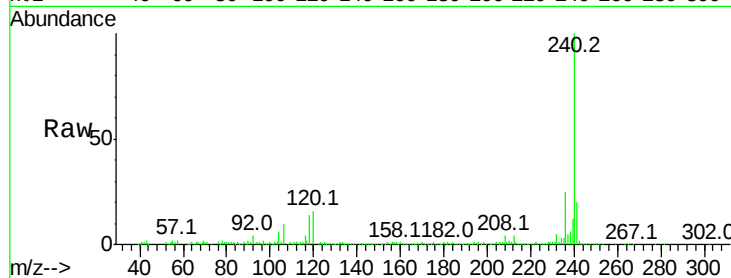
Tot Ion:240 Resp: 213258

Ion Ratio Lower Upper

240 100

120 15.5 9.5 14.3#

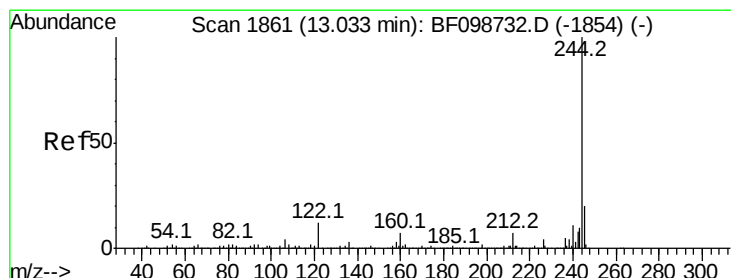
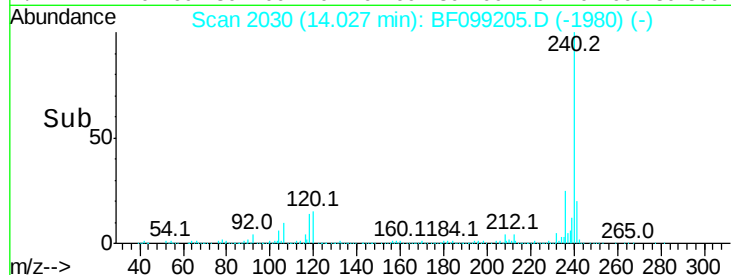
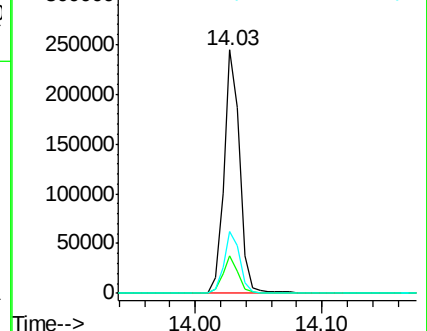
236 25.3 20.7 31.1



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: 5.443 ng

RT: 12.97 min Scan# 1850

Delta R.T. -0.01 min

Lab File: BF099205.D

Acq: 7 Oct 2017 20:21

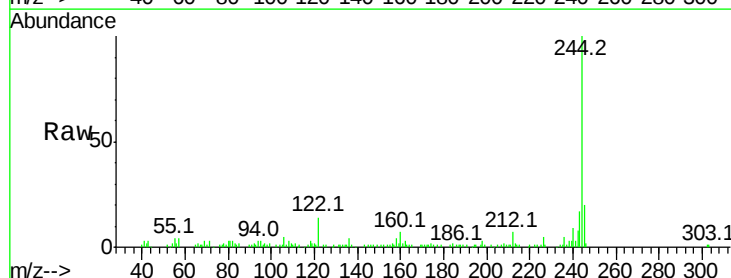
Tgt Ion:244 Resp: 51037

Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.0

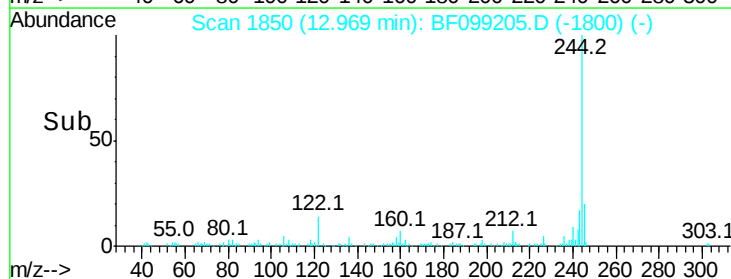
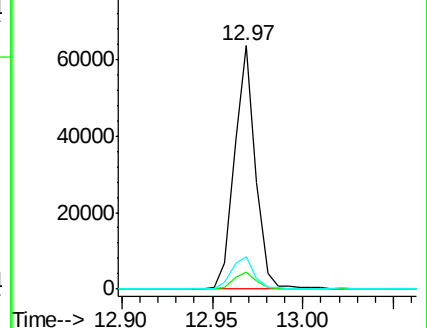
122 13.5 11.0 16.4

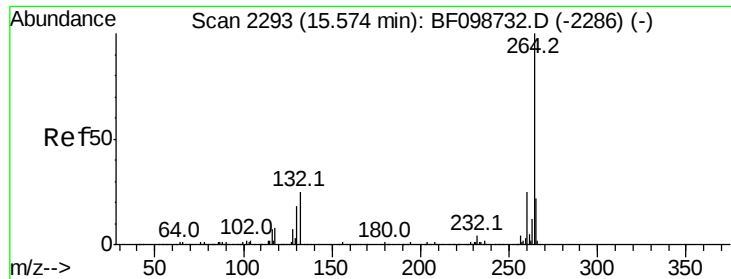


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

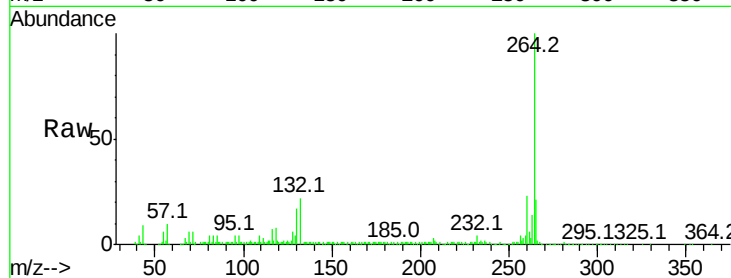




#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.51 min Scan# 2282
Delta R.T. 0.01 min
Lab File: BF099205.D
Acq: 7 Oct 2017 20:21

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.1	19.2	28.8
265	21.3	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

