

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100717\
 Data File : BF099207.D
 Acq On : 7 Oct 2017 21:18
 Operator : SJ/JU
 Sample : I5587-03 10X
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 08 03:40:00 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

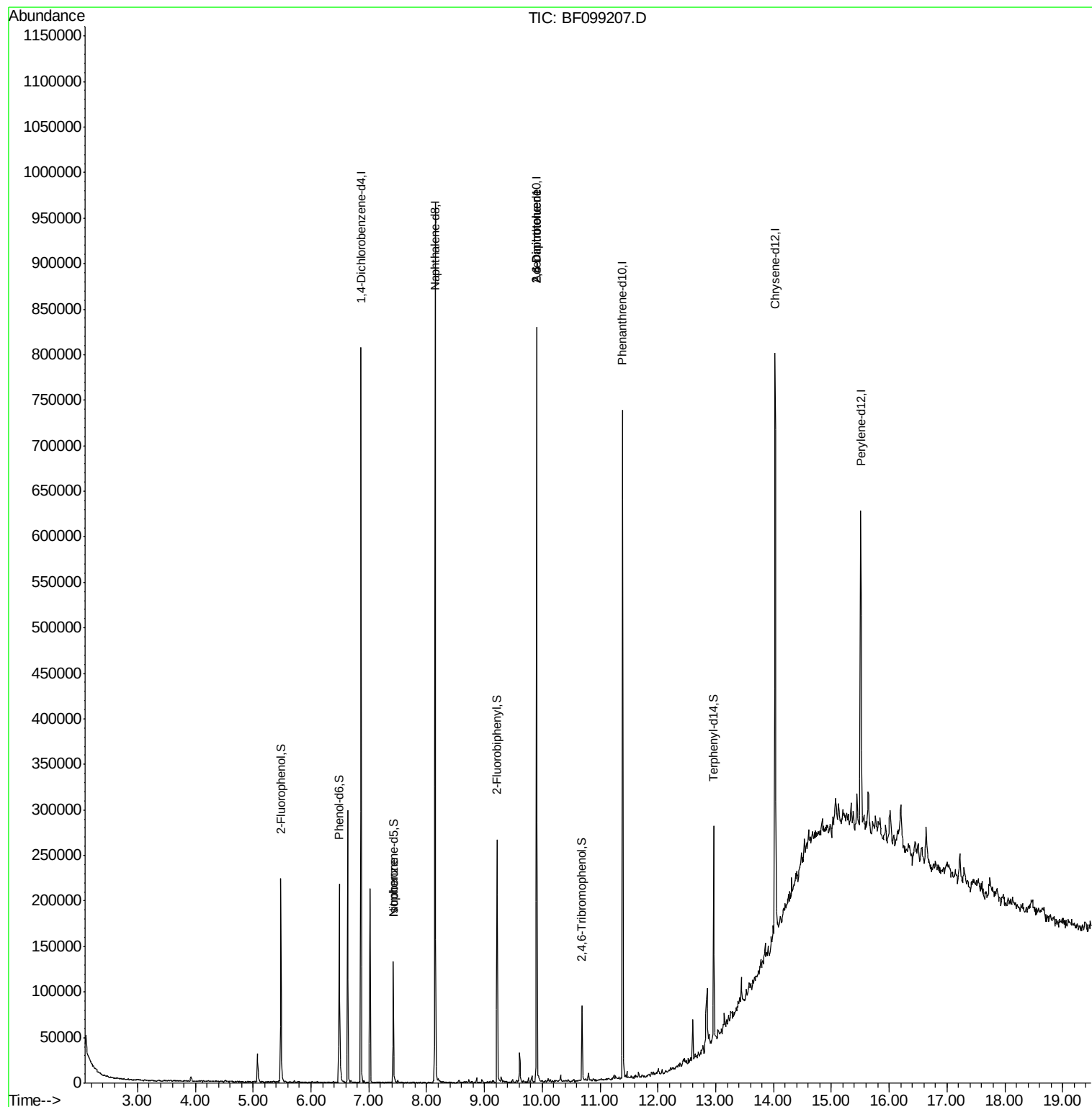
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	117386	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	434934	20.00	ng	0.00
38) Acenaphthene-d10	9.90	164	164063	20.00	ng	0.00
63) Phenanthrene-d10	11.39	188	256679	20.00	ng	0.00
75) Chrysene-d12	14.03	240	206195	20.00	ng	0.00
86) Perylene-d12	15.51	264	150829	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	72109	9.78	ng	0.00
7) Phenol-d6	6.49	99	82777	9.10	ng	0.00
23) Nitrobenzene-d5	7.42	82	40892	6.03	ng	-0.01
41) 2,4,6-Tribromophenol	10.69	330	9682	7.21	ng	0.00
44) 2-Fluorobiphenyl	9.22	172	84106	8.56	ng	-0.01
78) Terphenyl-d14	12.97	244	62015	6.84	ng	0.00
Target Compounds						
25) Isophorone	7.42	82	40891	2.916	ng	# 64
50) 2,6-Dinitrotoluene	9.90	165	20831	7.727	ng	# 26
56) 2,4-Dinitrotoluene	9.90	165	20831	5.954	ng	# 24

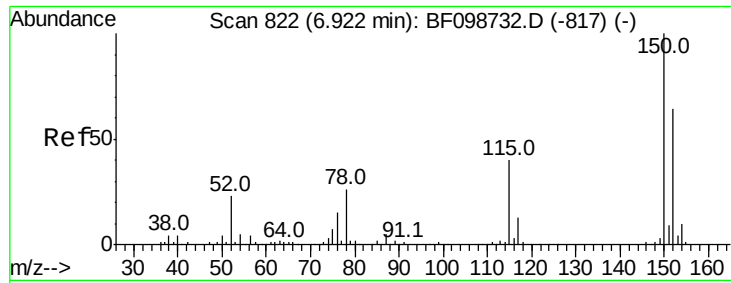
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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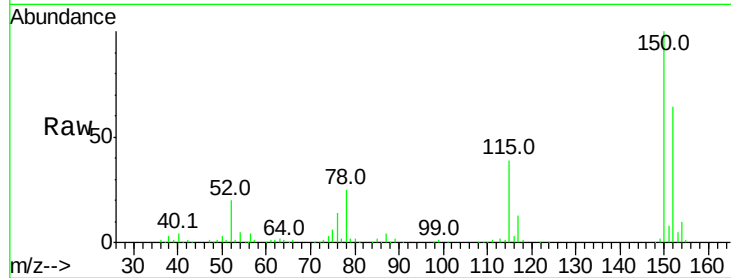


#1

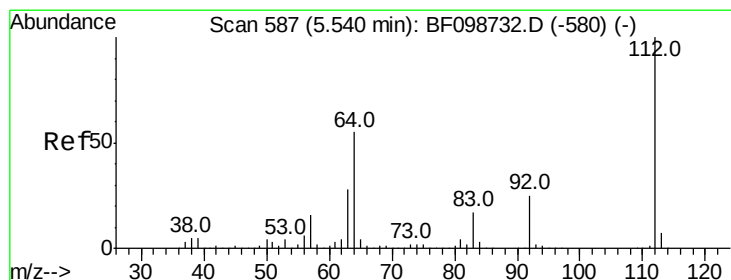
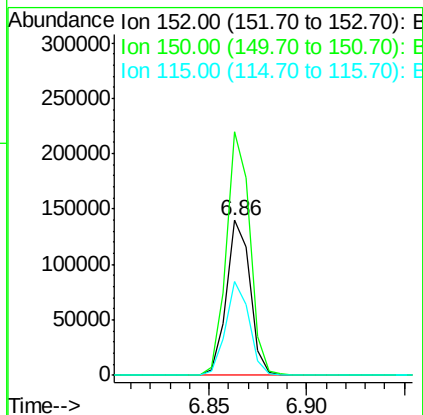
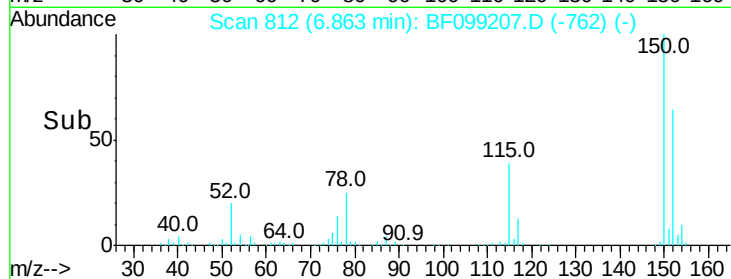
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 812
Delta R.T. -0.01 min
Lab File: BF099207.D
Acq: 7 Oct 2017 21:18

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 117386
Ion Ratio Lower Upper
152 100
150 157.2 124.6 186.8
115 60.9 50.1 75.1



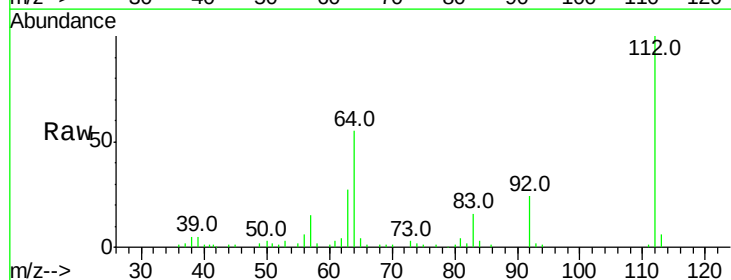
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



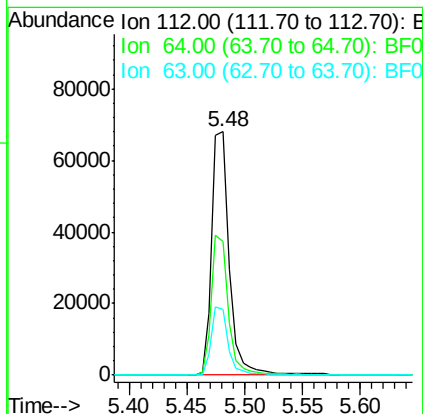
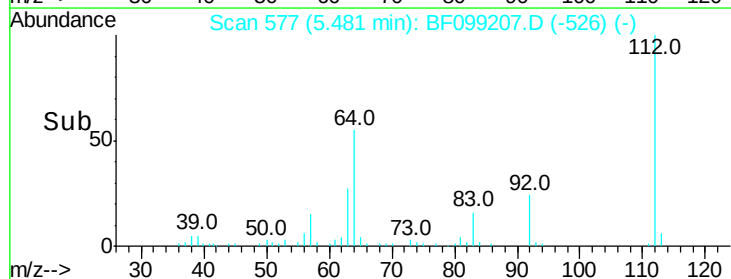
#5

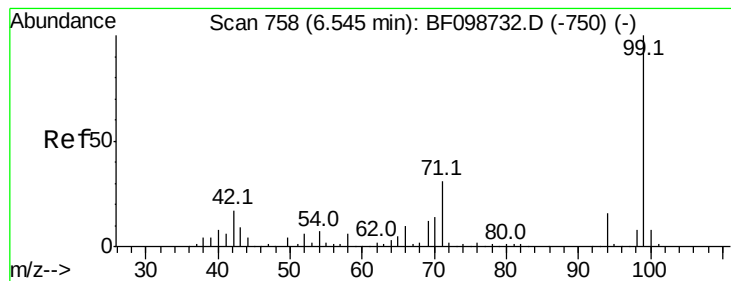
2-Fluorophenol
Concen: 9.779 ng
RT: 5.48 min Scan# 577
Delta R.T. 0.00 min
Lab File: BF099207.D
Acq: 7 Oct 2017 21:18

Tgt Ion:112 Resp: 72109
Ion Ratio Lower Upper
112 100
64 54.9 47.9 71.9
63 26.9 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: 9.100 ng

RT: 6.49 min Scan# 749

Delta R.T. -0.01 min

Lab File: BF099207.D

Acq: 7 Oct 2017 21:18

Instrument :

BNA_F

ClientSampleId :

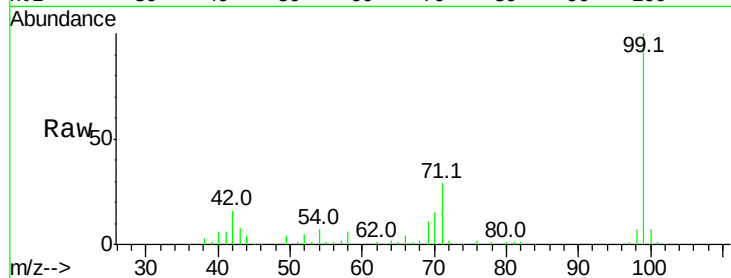
Tot Ion: 99 Resp: 82777

Ion Ratio Lower Upper

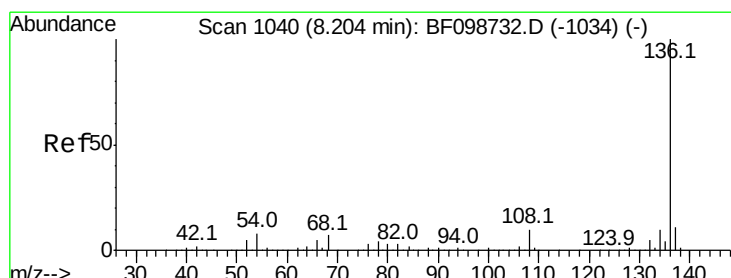
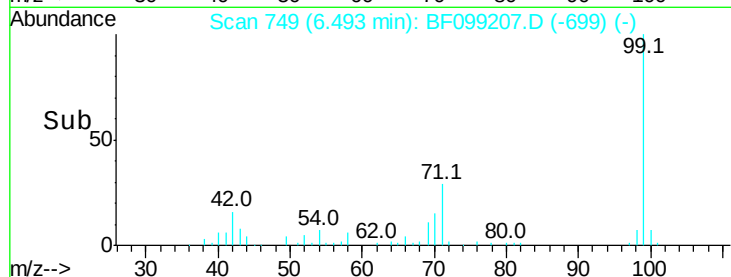
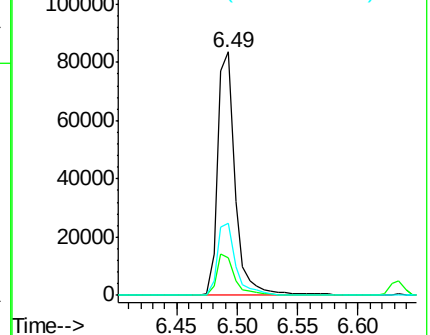
99 100

42 15.5 14.5 21.7

71 29.5 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: BF099207.D

Acq: 7 Oct 2017 21:18

Tgt Ion: 136 Resp: 434934

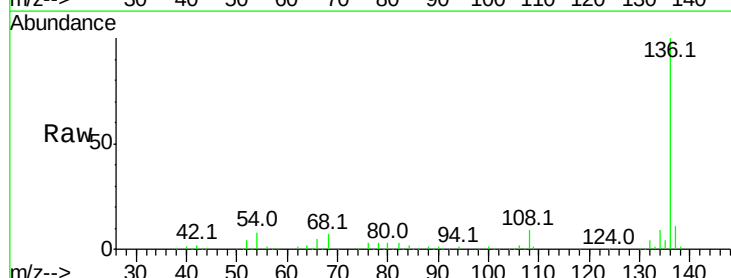
Ion Ratio Lower Upper

136 100

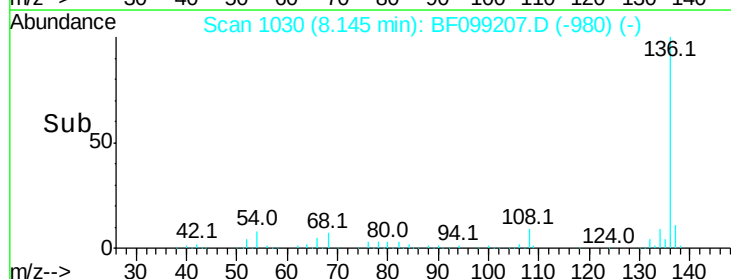
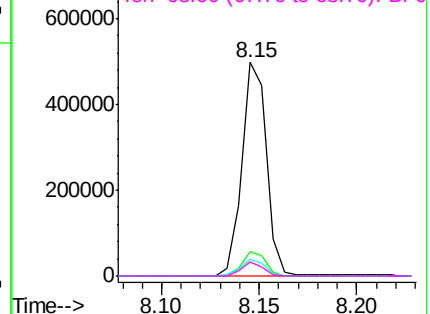
137 11.2 8.9 13.3

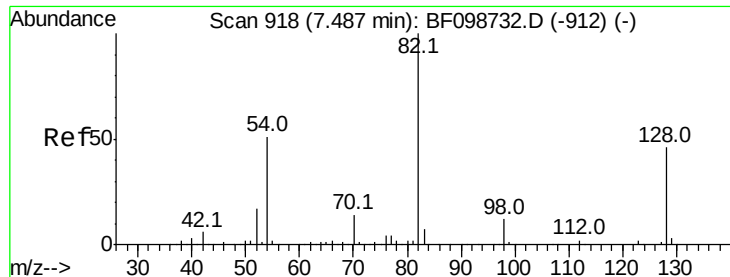
54 7.9 6.6 9.8

68 6.6 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): BF0
Ion 68.00 (67.70 to 68.70): BF0

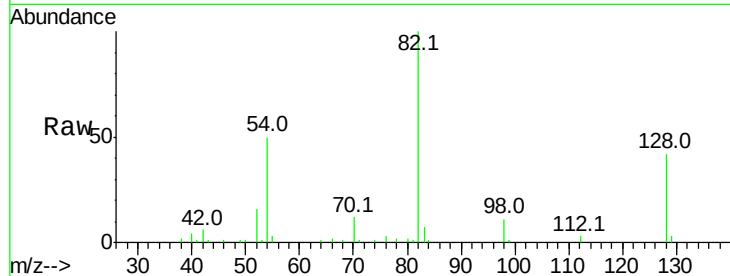




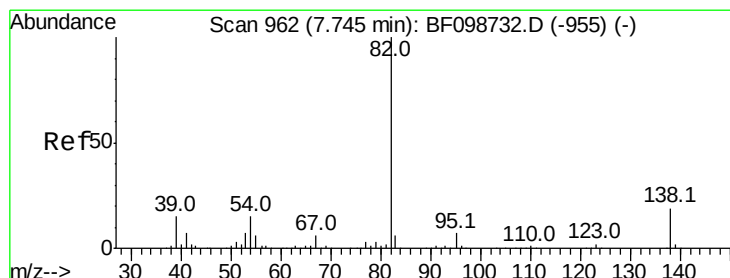
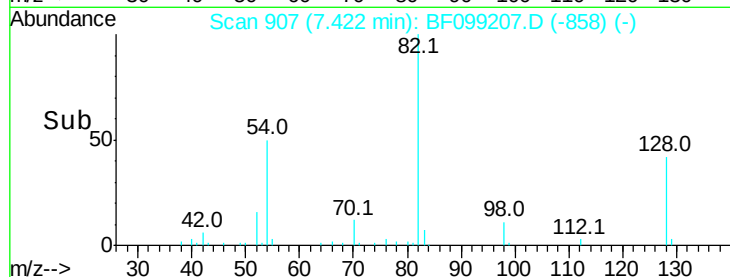
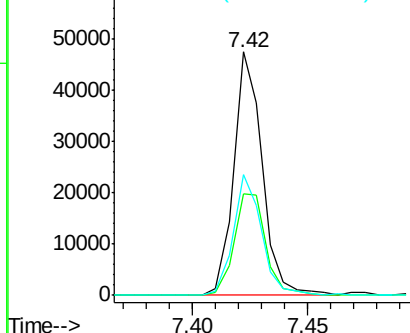
#23
Nitrobenzene-d5
Concen: 6.029 ng
RT: 7.42 min Scan# 907
Delta R.T. -0.01 min
Lab File: BF099207.D
Acq: 7 Oct 2017 21:18

Instrument :
BNA_F
ClientSampled :

Tot Ion: 82 Resp: 40892
Ion Ratio Lower Upper
82 100
128 41.6 36.1 54.1
54 49.7 41.4 62.2

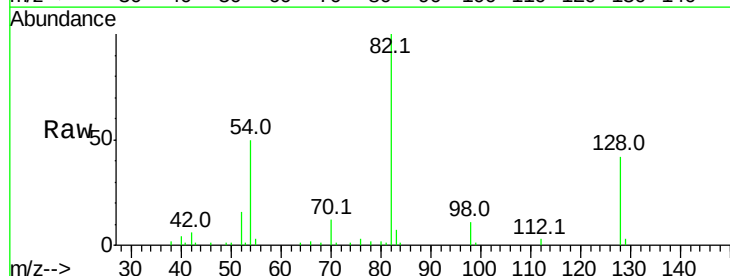


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): BF0
Ion 54.00 (53.70 to 54.70): BF0

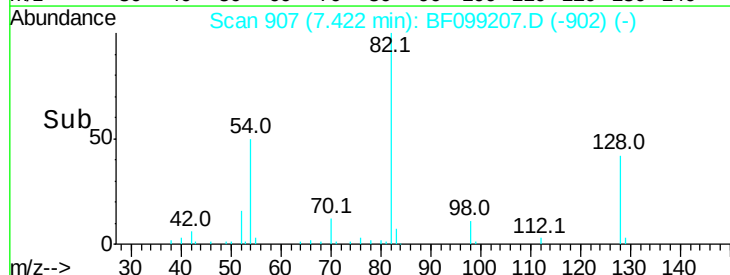
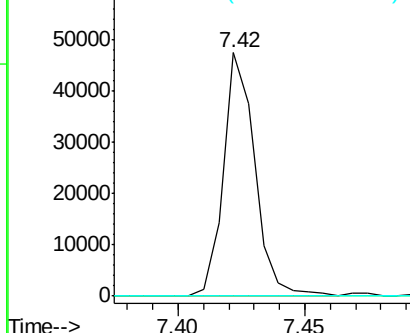


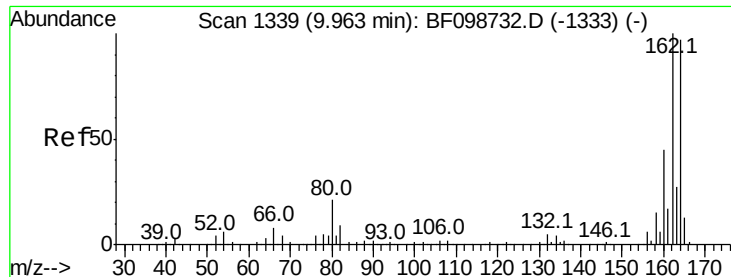
#25
Isophorone
Concen: 2.916 ng
RT: 7.42 min Scan# 907
Delta R.T. -0.27 min
Lab File: BF099207.D
Acq: 7 Oct 2017 21:18

Tgt Ion: 82 Resp: 40891
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

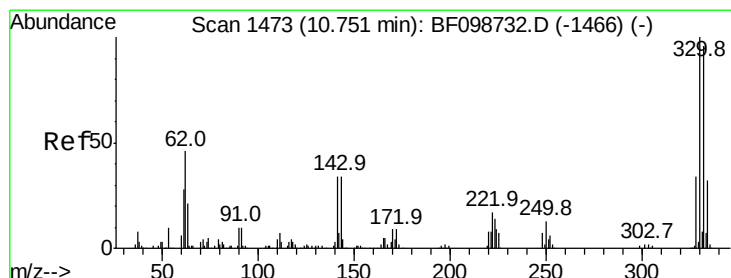
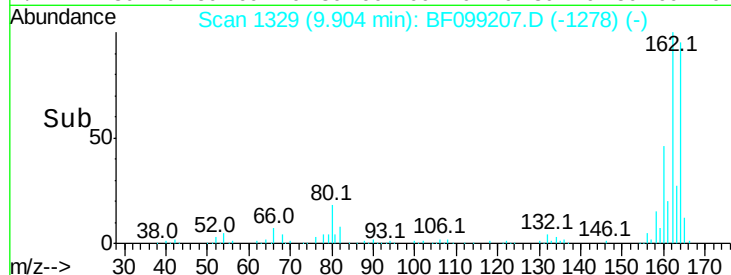
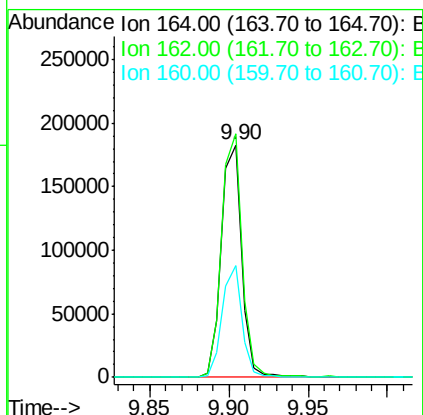
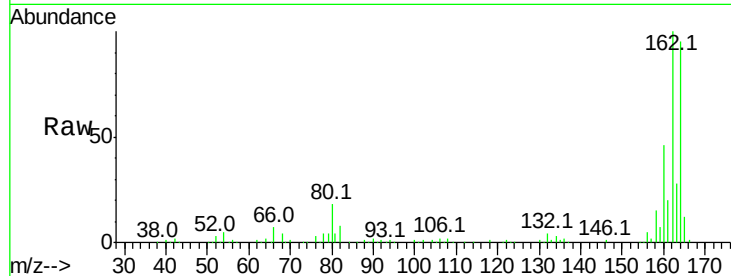




#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.90 min Scan# 1329
Delta R.T. 0.00 min
Lab File: BF099207.D
Acq: 7 Oct 2017 21:18

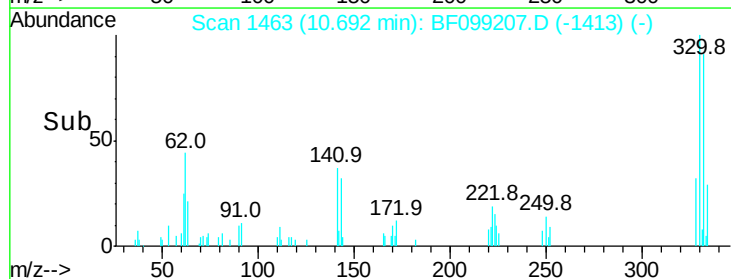
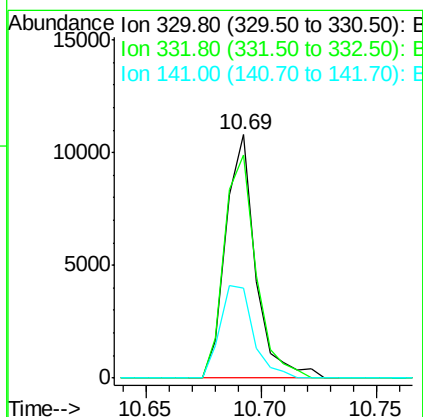
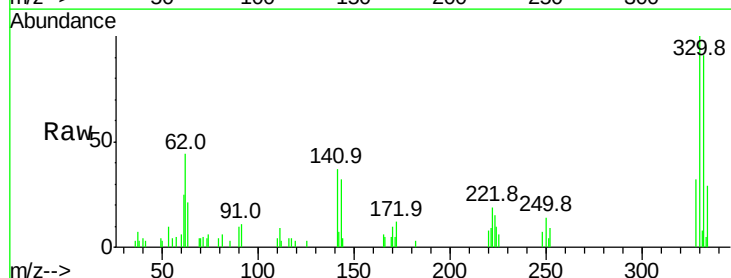
Instrument :
BNA_F
ClientSampleId :

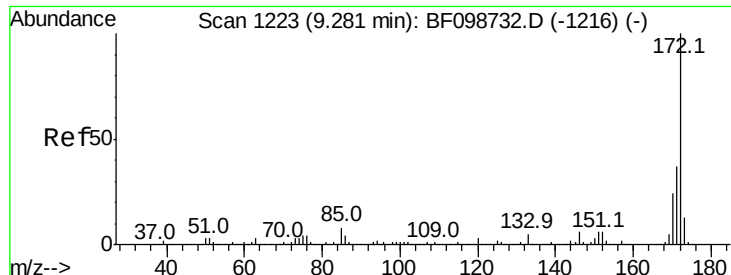
Tot Ion:164 Resp: 164063
Ion Ratio Lower Upper
164 100
162 104.8 86.1 129.1
160 47.9 38.3 57.5



#41
2,4,6-Tribromophenol
Concen: 7.212 ng
RT: 10.69 min Scan# 1463
Delta R.T. -0.01 min
Lab File: BF099207.D
Acq: 7 Oct 2017 21:18

Tgt Ion:330 Resp: 9682
Ion Ratio Lower Upper
330 100
332 97.7 77.0 115.6
141 42.3 29.9 44.9

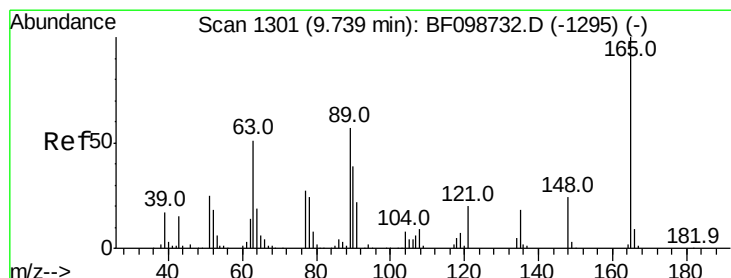
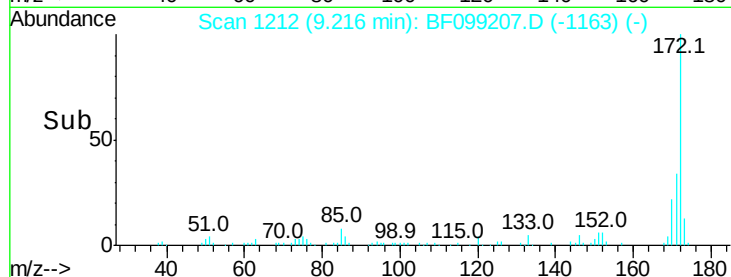
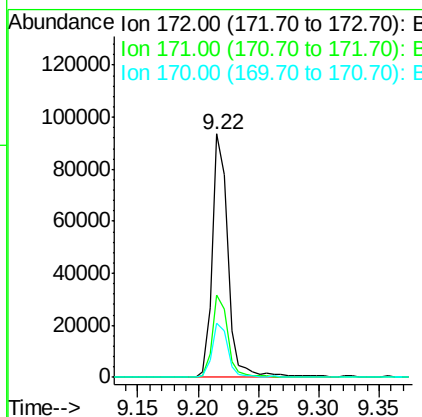
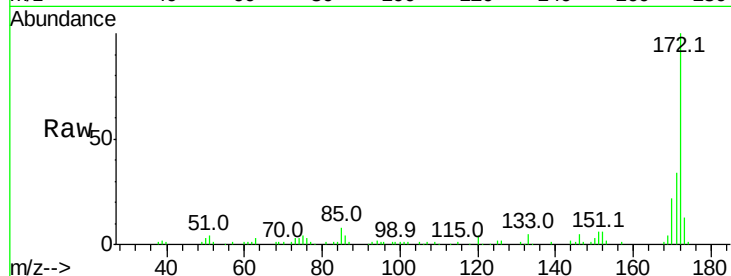




#44
 2-Fluorobiphenyl
 Concen: 8.558 ng
 RT: 9.22 min Scan# 1212
 Delta R.T. -0.01 min
 Lab File: BF099207.D
 Acq: 7 Oct 2017 21:18

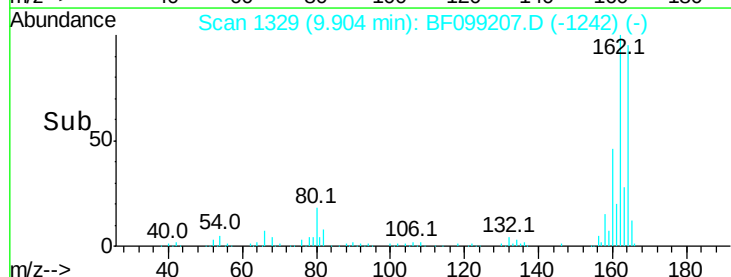
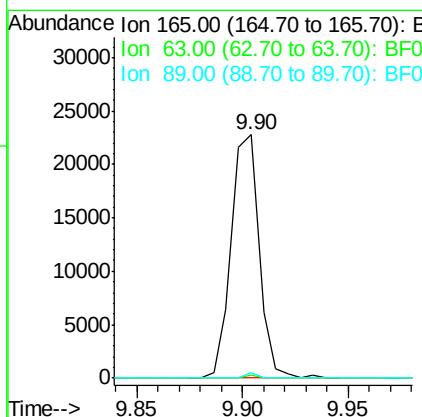
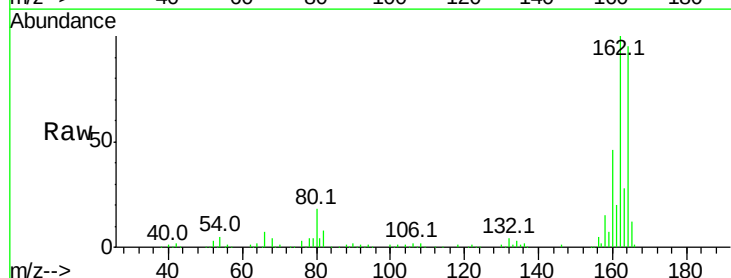
Instrument :
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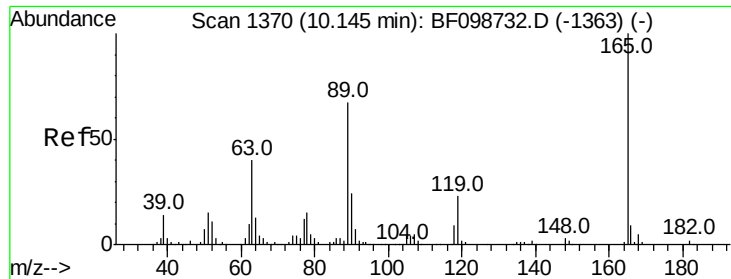
Tot Ion:172 Resp: 84106
 Ion Ratio Lower Upper
 172 100
 171 33.6 29.7 44.5
 170 22.0 19.6 29.4



#50
 2,6-Dinitrotoluene
 Concen: 7.727 ng
 RT: 9.90 min Scan# 1329
 Delta R.T. 0.21 min
 Lab File: BF099207.D
 Acq: 7 Oct 2017 21:18

Tgt Ion:165 Resp: 20831
 Ion Ratio Lower Upper
 165 100
 63 1.4 44.7 67.1#
 89 2.4 44.0 66.0#

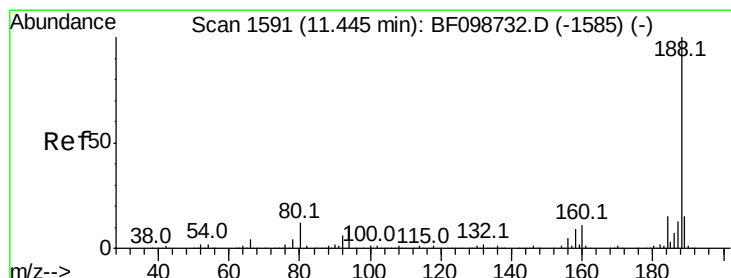
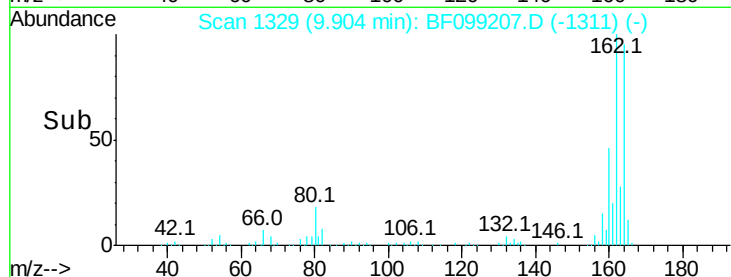
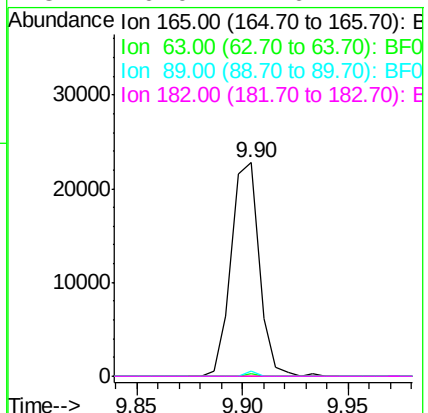
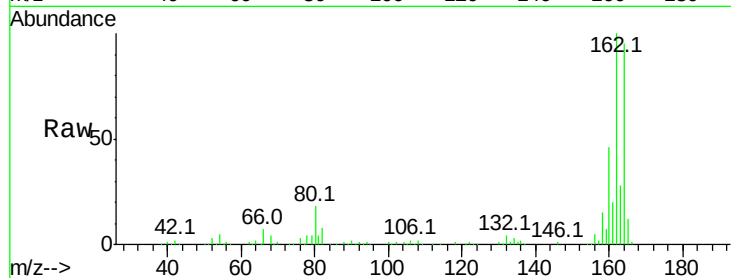




#56
 2,4-Dinitrotoluene
 Concen: 5.954 ng
 RT: 9.90 min Scan# 1329
 Delta R.T. -0.19 min
 Lab File: BF099207.D
 Acq: 7 Oct 2017 21:18

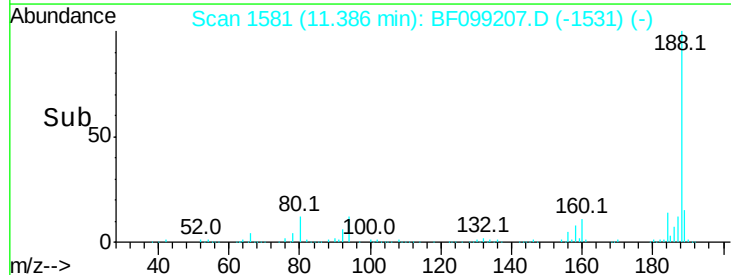
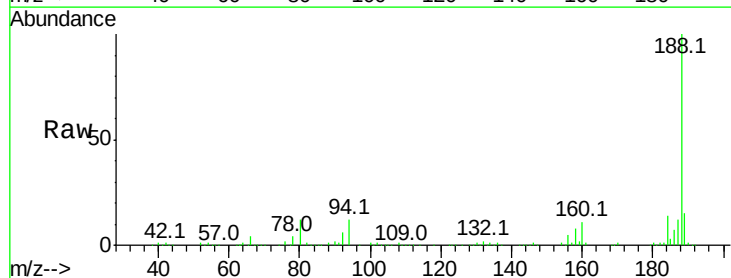
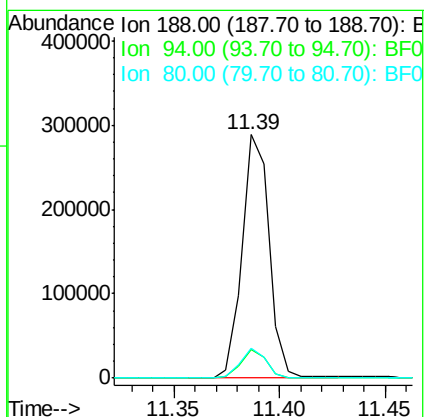
Instrument :
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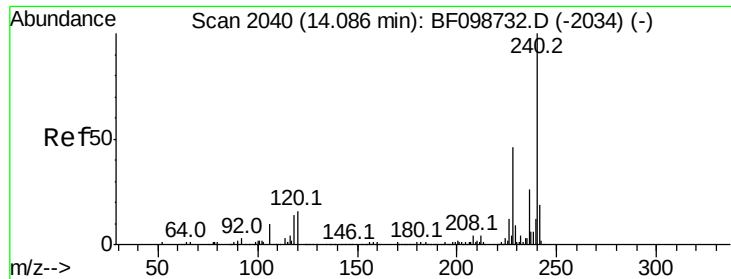
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.4	36.4	54.6#
89	2.4	57.8	86.6#
182	0.0	1.6	2.4#



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.39 min Scan# 1581
 Delta R.T. -0.01 min
 Lab File: BF099207.D
 Acq: 7 Oct 2017 21:18

Tgt Ion	Ratio	Lower	Upper
188	100		
94	11.6	8.5	12.7
80	12.1	9.2	13.8





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.03 min Scan# 2030

Delta R.T. -0.01 min

Lab File: BF099207.D

Acq: 7 Oct 2017 21:18

Instrument :

BNA_F

ClientSampled :

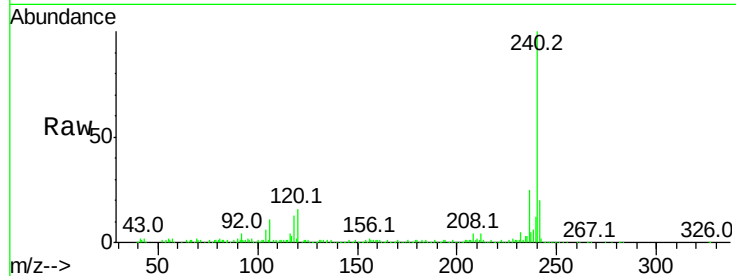
Tot Ion:240 Resp: 206195

Ion Ratio Lower Upper

240 100

120 15.8 9.5 14.3#

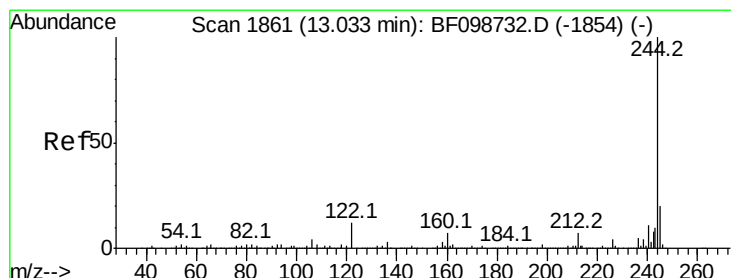
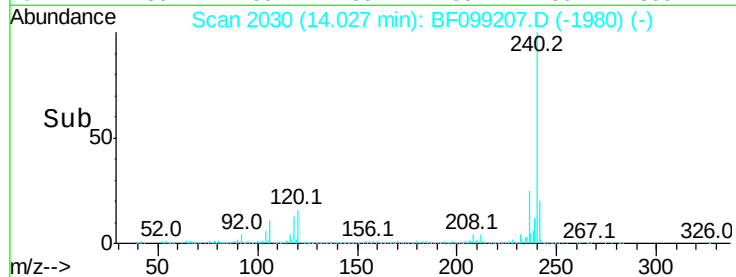
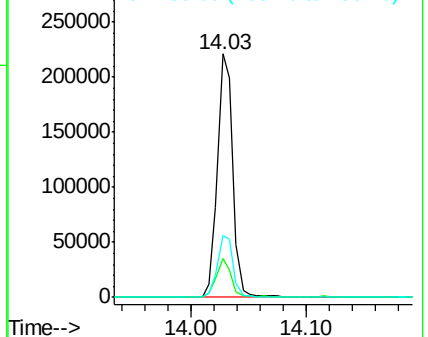
236 25.4 20.7 31.1



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: 6.840 ng

RT: 12.97 min Scan# 1850

Delta R.T. -0.01 min

Lab File: BF099207.D

Acq: 7 Oct 2017 21:18

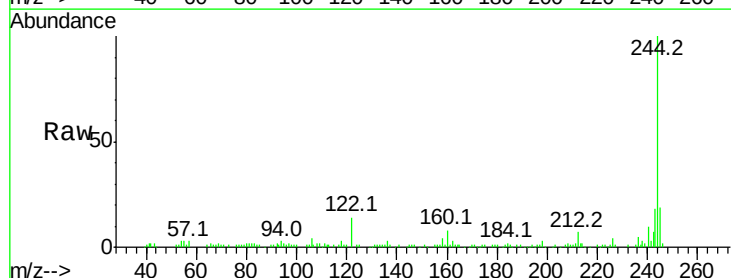
Tgt Ion:244 Resp: 62015

Ion Ratio Lower Upper

244 100

212 6.7 5.4 8.0

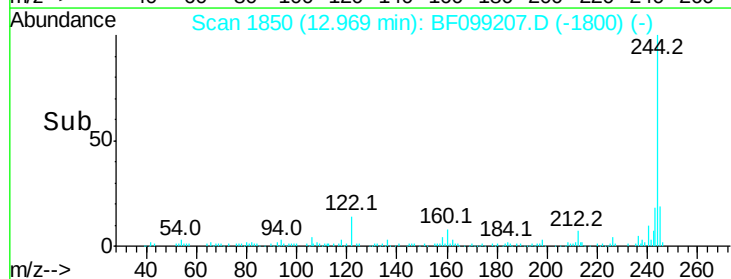
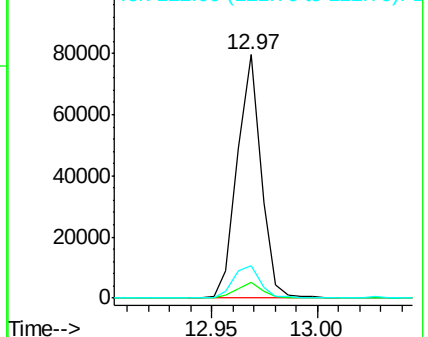
122 13.5 11.0 16.4

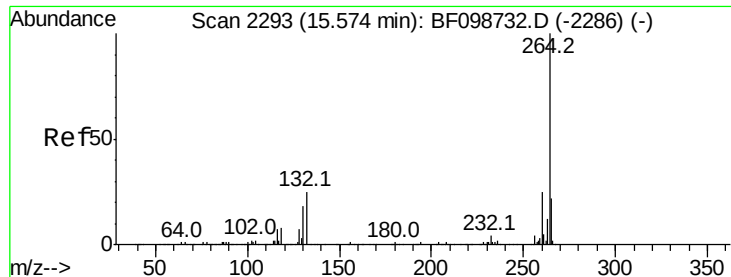


Abundance Ion 244.00 (243.70 to 244.70): E

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: BF099207.D
Acq: 7 Oct 2017 21:18

Instrument :
BNA_F
ClientSampleId :

Tot Ion:264 Resp: 150829
Ion Ratio Lower Upper
264 100
260 25.2 19.2 28.8
265 21.9 17.5 26.3

