

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100717\
 Data File : BF099209.D
 Acq On : 7 Oct 2017 22:14
 Operator : SJ/JU
 Sample : I5561-01RE
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 08 03:40:29 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

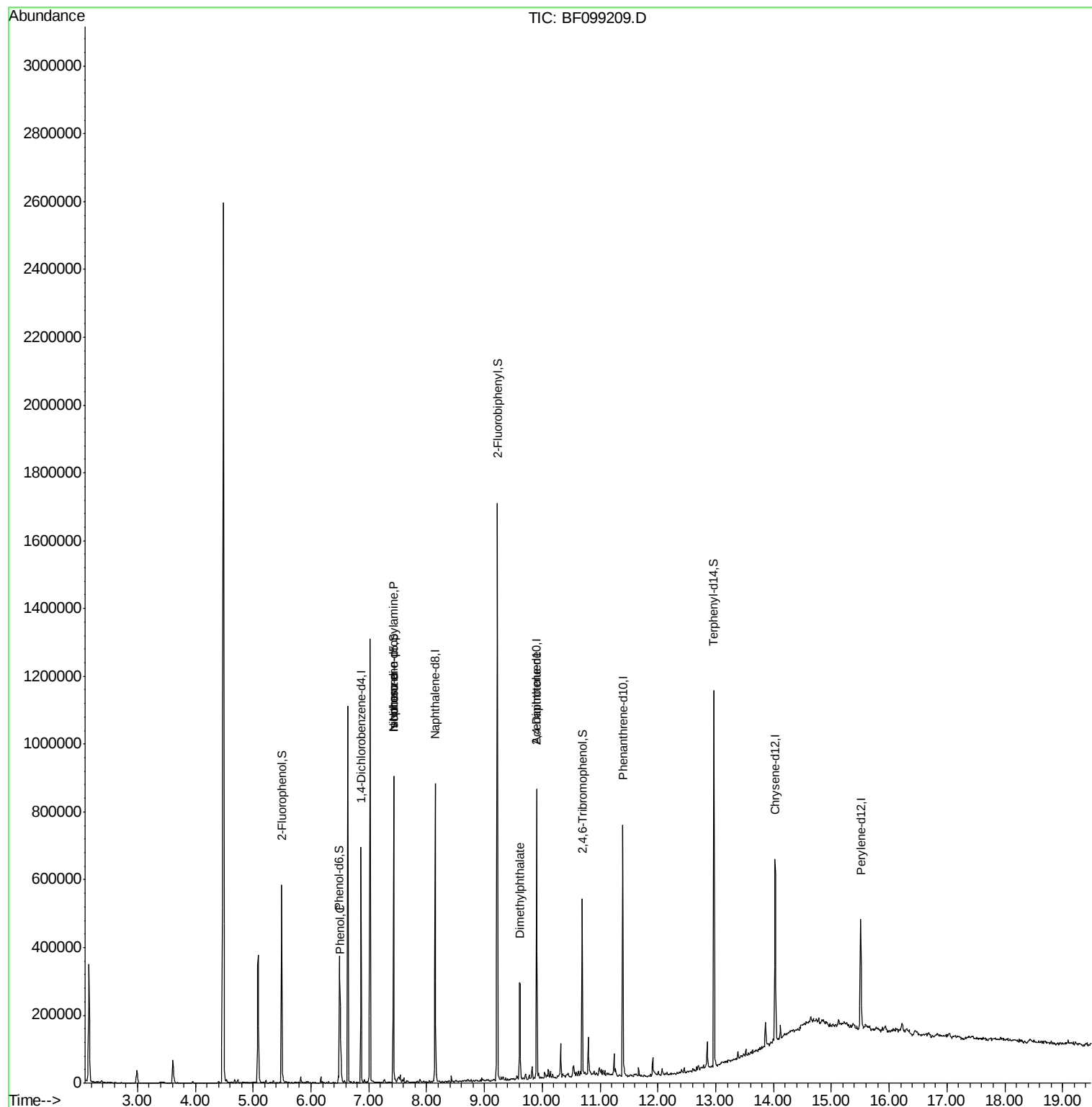
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	107200	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	403306	20.00	ng	0.00
38) Acenaphthene-d10	9.90	164	158001	20.00	ng	0.00
63) Phenanthrene-d10	11.39	188	246026	20.00	ng	0.00
75) Chrysene-d12	14.03	240	183717	20.00	ng	0.00
86) Perylene-d12	15.51	264	129169	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	172147	25.56	ng	0.01
7) Phenol-d6	6.49	99	124437	14.98	ng	0.00
23) Nitrobenzene-d5	7.43	82	260081	41.36	ng	0.00
41) 2,4,6-Tribromophenol	10.69	330	51875	40.12	ng	0.00
44) 2-Fluorobiphenyl	9.22	172	493130	52.10	ng	0.00
78) Terphenyl-d14	12.97	244	344009	42.58	ng	0.00
Target Compounds						
10) Phenol	6.51	94	70444	7.582	ng	90
19) n-Nitroso-di-n-propylamine	7.43	70	33123	6.245	ng	# 71
25) Isophorone	7.43	82	260078	20.003	ng	# 64
49) Dimethylphthalate	9.62	163	123626	10.367	ng	98
56) 2,4-Dinitrotoluene	9.90	165	20101	5.966	ng	# 22

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

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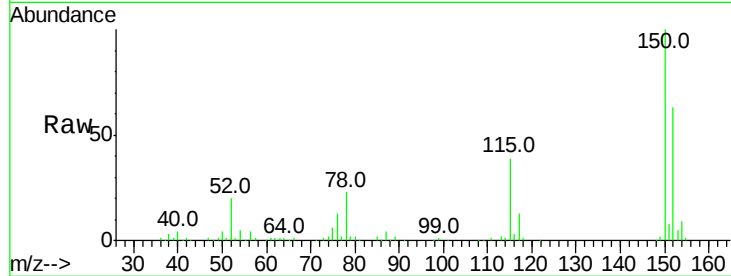


#1

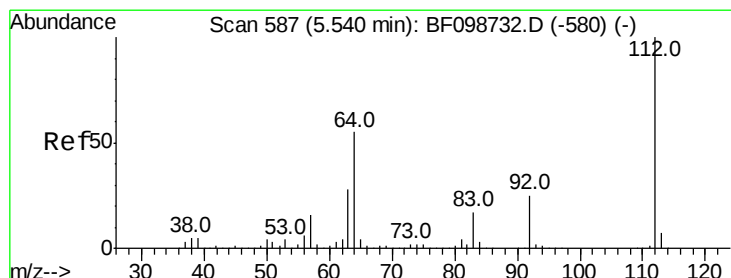
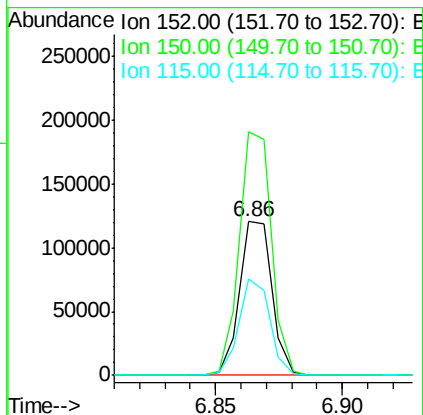
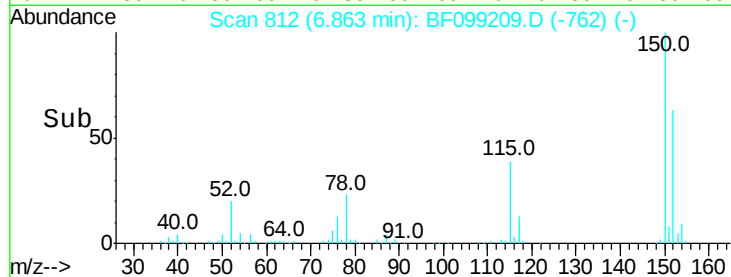
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.86 min Scan# 812
 Delta R.T. -0.01 min
 Lab File: BF099209.D
 Acq: 7 Oct 2017 22:14

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:152 Resp: 107200
 Ion Ratio Lower Upper
 152 100
 150 158.4 124.6 186.8
 115 62.4 50.1 75.1



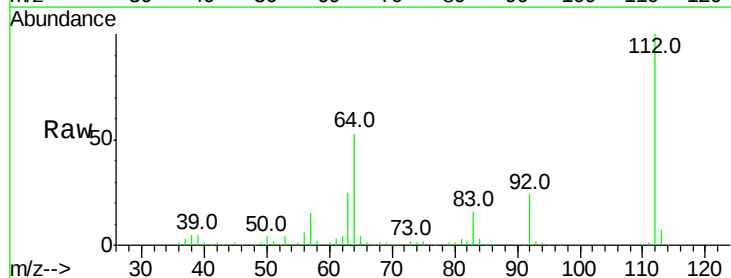
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



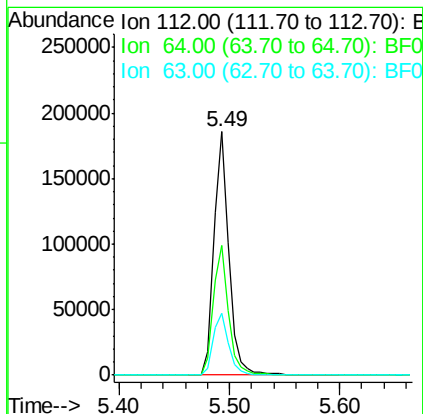
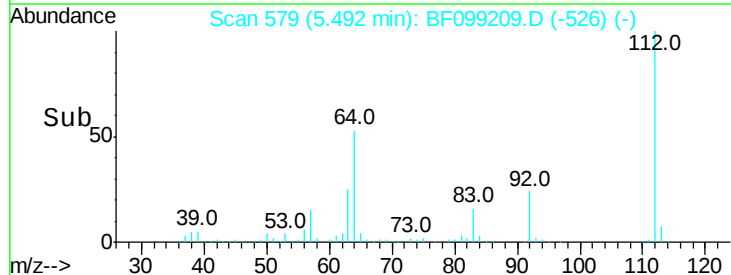
#5

2-Fluorophenol
 Concen: 25.564 ng
 RT: 5.49 min Scan# 579
 Delta R.T. 0.01 min
 Lab File: BF099209.D
 Acq: 7 Oct 2017 22:14

Tgt Ion:112 Resp: 172147
 Ion Ratio Lower Upper
 112 100
 64 53.0 47.9 71.9
 63 25.5 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: 14.979 ng

RT: 6.49 min Scan# 749

Delta R.T. -0.01 min

Lab File: BF099209.D

Acq: 7 Oct 2017 22:14

Instrument :

BNA_F

ClientSampleId :

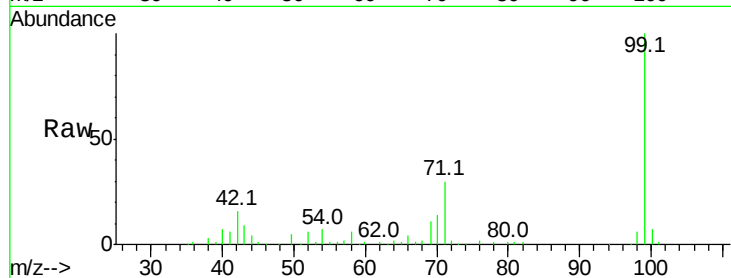
Tot Ion: 99 Resp: 124437

Ion Ratio Lower Upper

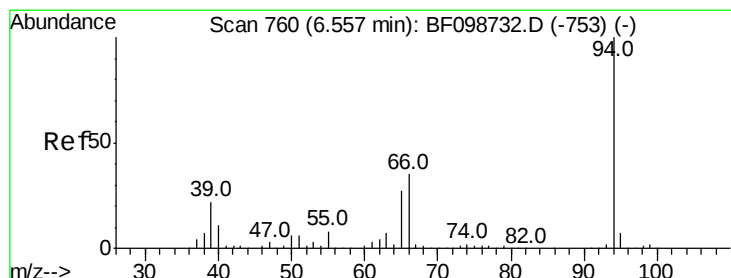
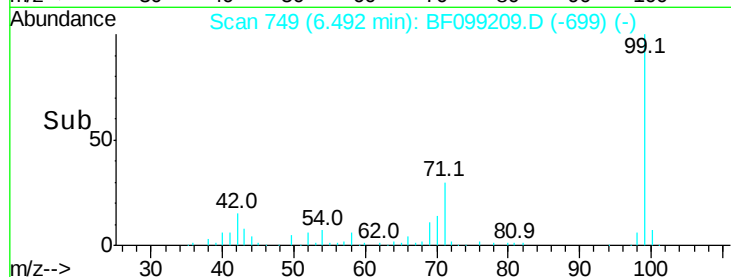
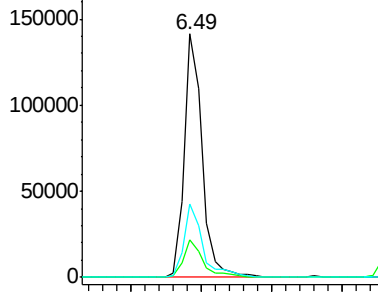
99 100

42 15.5 14.5 21.7

71 30.4 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



#10

Phenol

Concen: 7.582 ng

RT: 6.51 min Scan# 752

Delta R.T. -0.01 min

Lab File: BF099209.D

Acq: 7 Oct 2017 22:14

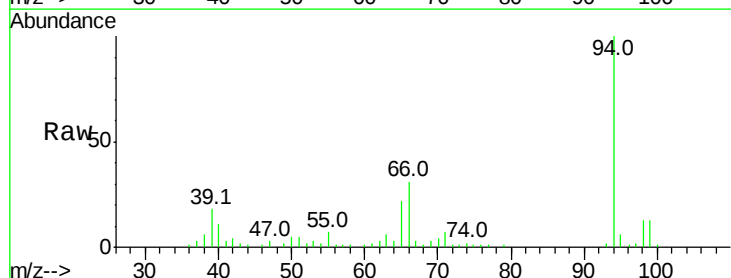
Tgt Ion: 94 Resp: 70444

Ion Ratio Lower Upper

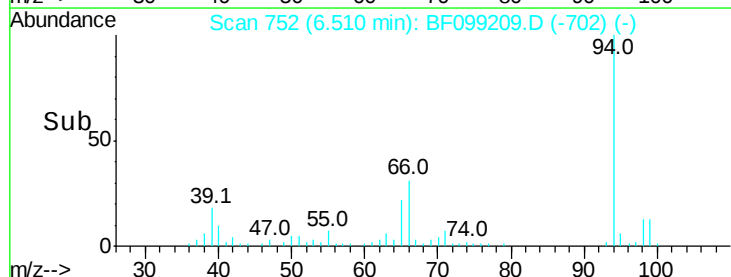
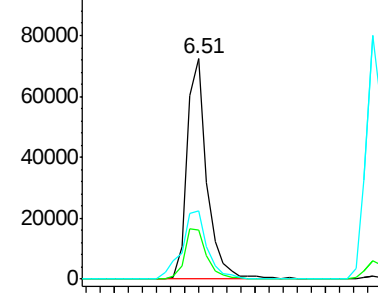
94 100

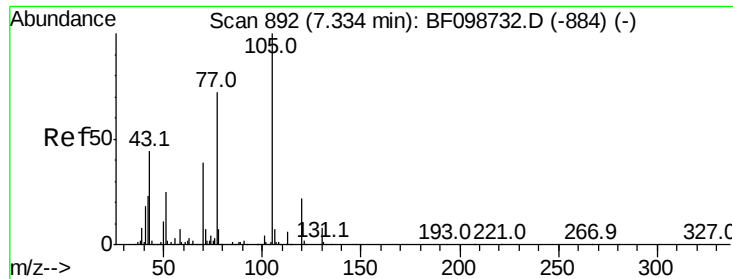
65 22.3 7.9 47.9

66 31.1 16.2 56.2



Abundance Ion 94.00 (93.70 to 94.70): BF0
Ion 65.00 (64.70 to 65.70): BF0
Ion 66.00 (65.70 to 66.70): BF0

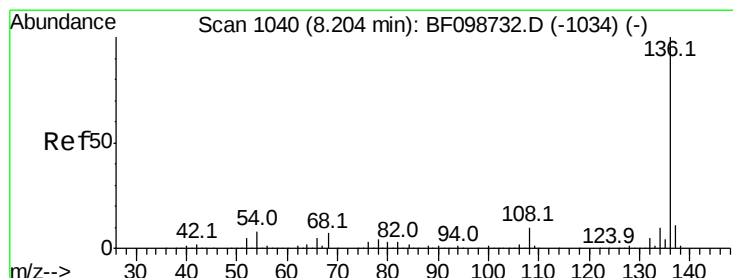
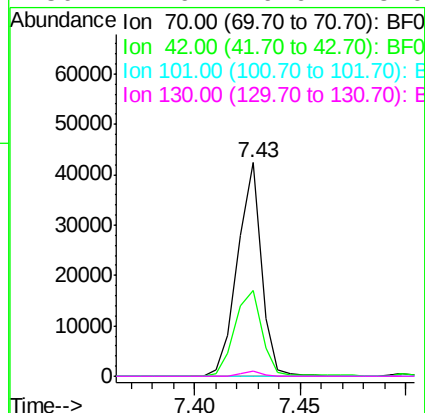
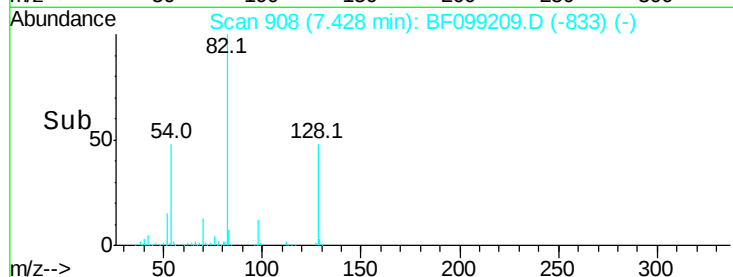
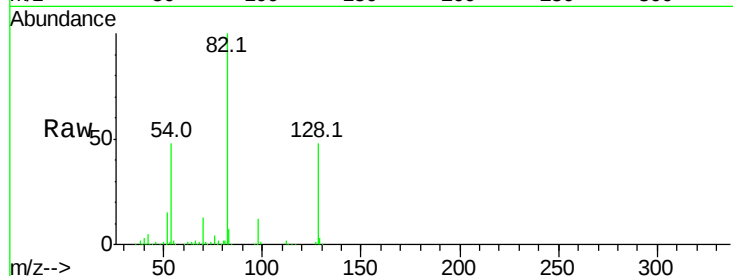




#19
n-Nitroso-di-n-propylamine
Concen: 6.245 ng
RT: 7.43 min Scan# 908
Delta R.T. 0.14 min
Lab File: BF099209.D
Acq: 7 Oct 2017 22:14

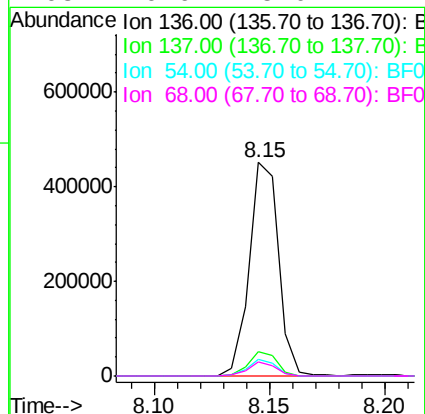
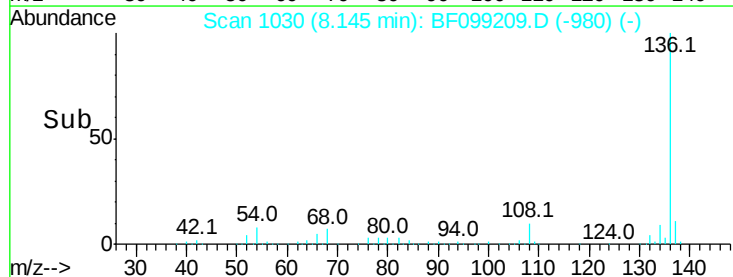
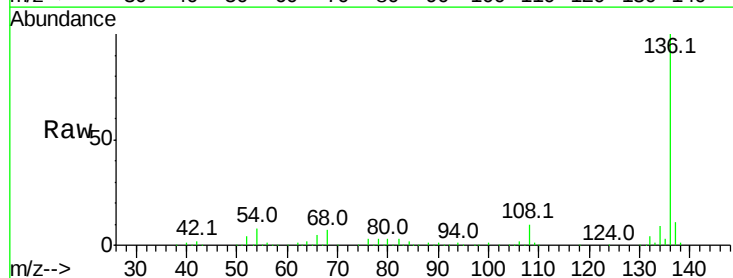
Instrument :
BNA_F
ClientSampleId :

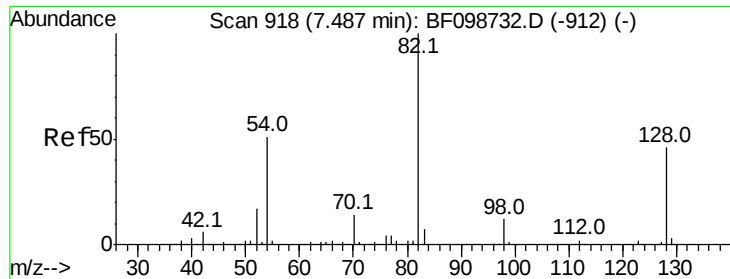
Tot Ion: 70 Resp: 33123
Ion Ratio Lower Upper
70 100
42 40.0 47.5 71.3#
101 0.0 7.4 11.2#
130 2.6 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.15 min Scan# 1030
Delta R.T. -0.01 min
Lab File: BF099209.D
Acq: 7 Oct 2017 22:14

Tgt Ion: 136 Resp: 403306
Ion Ratio Lower Upper
136 100
137 11.3 8.9 13.3
54 7.9 6.6 9.8
68 6.6 5.0 7.4

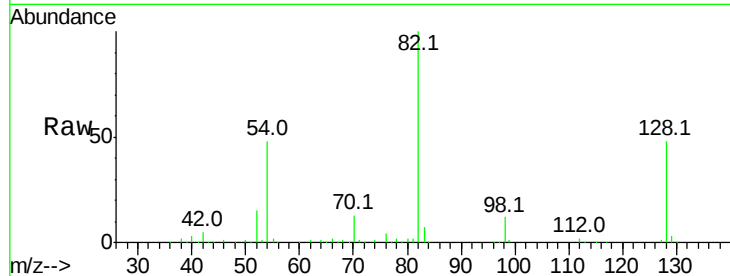




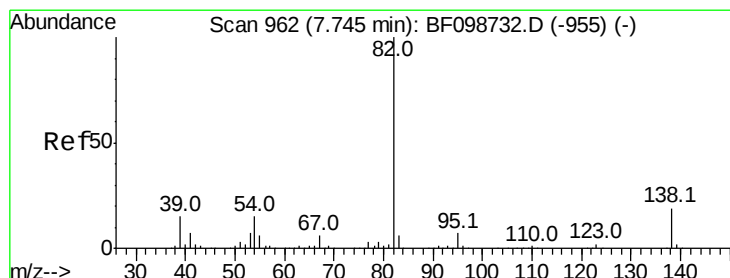
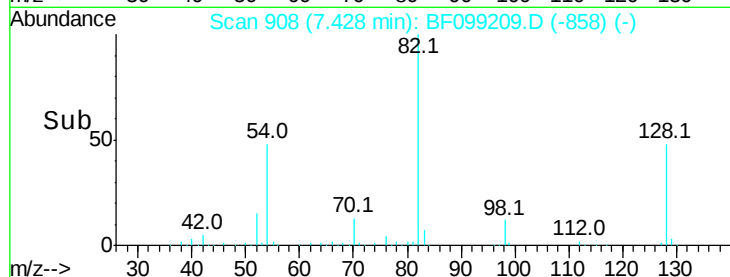
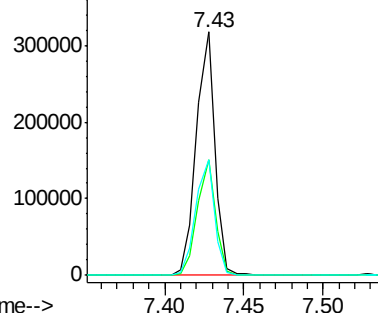
#23
Nitrobenzene-d5
Concen: 41.356 ng
RT: 7.43 min Scan# 908
Delta R.T. -0.01 min
Lab File: BF099209.D
Acq: 7 Oct 2017 22:14

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
82	100		
128	47.7	36.1	54.1
54	47.6	41.4	62.2

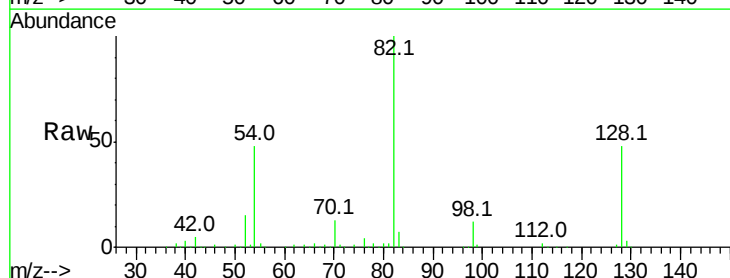


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): BF0
Ion 54.00 (53.70 to 54.70): BF0

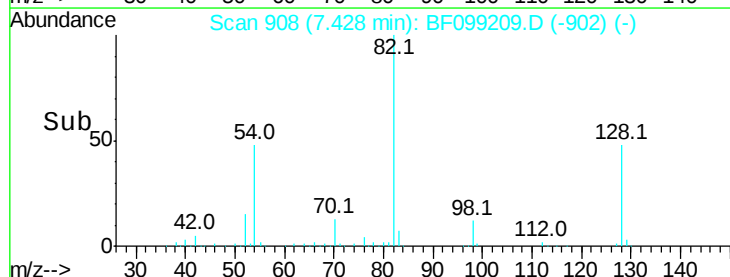
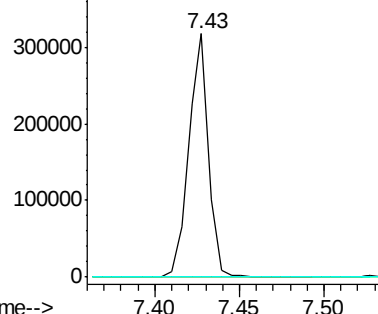


#25
Isophorone
Concen: 20.003 ng
RT: 7.43 min Scan# 908
Delta R.T. -0.26 min
Lab File: BF099209.D
Acq: 7 Oct 2017 22:14

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): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 138.00 (137.70 to 138.70): BF0

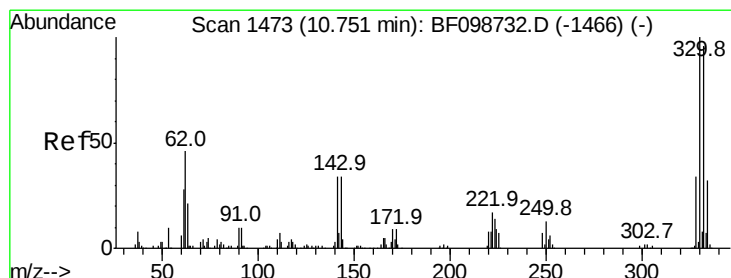
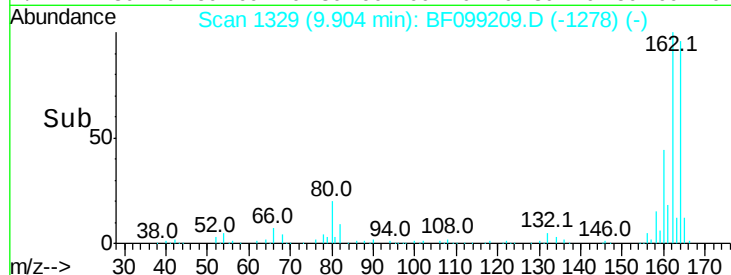
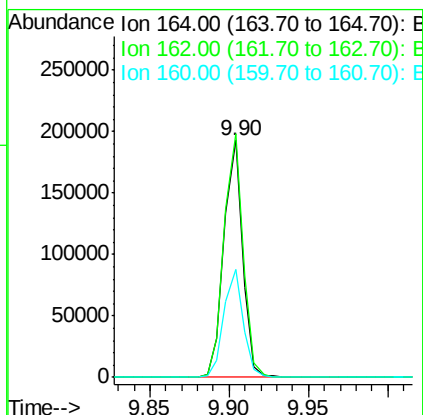
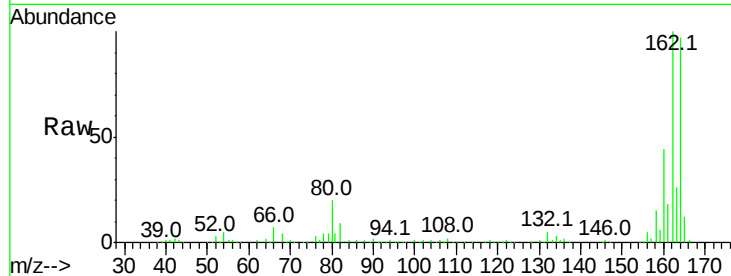




#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.90 min Scan# 1329
Delta R.T. -0.00 min
Lab File: BF099209.D
Acq: 7 Oct 2017 22:14

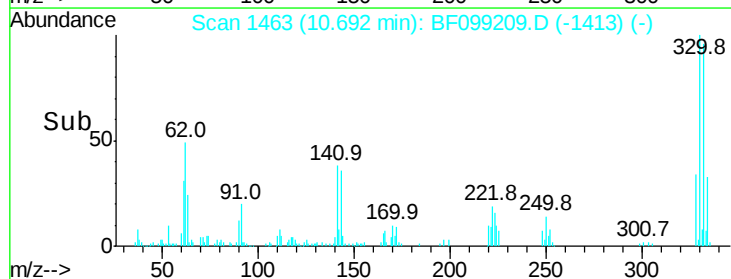
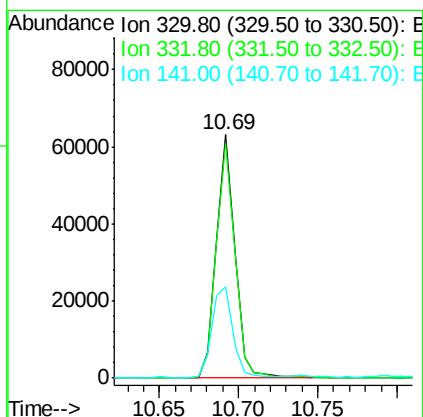
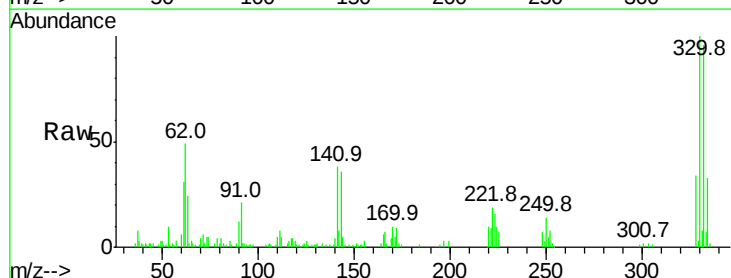
Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 158001
Ion Ratio Lower Upper
164 100
162 102.9 86.1 129.1
160 45.4 38.3 57.5



#41
2,4,6-Tribromophenol
Concen: 40.124 ng
RT: 10.69 min Scan# 1463
Delta R.T. -0.01 min
Lab File: BF099209.D
Acq: 7 Oct 2017 22:14

Tgt Ion:330 Resp: 51875
Ion Ratio Lower Upper
330 100
332 97.4 77.0 115.6
141 42.9 29.9 44.9

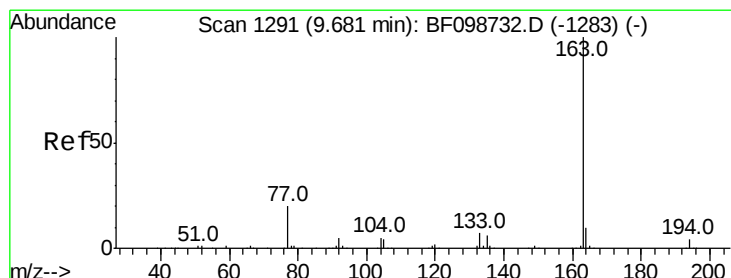
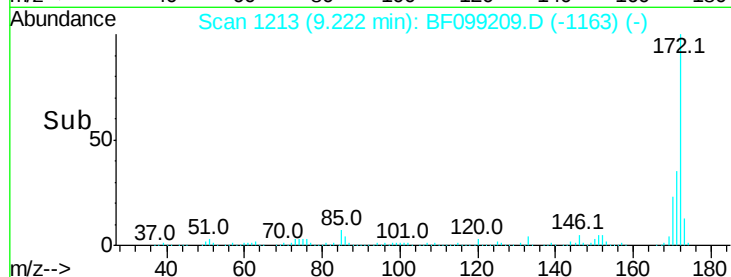
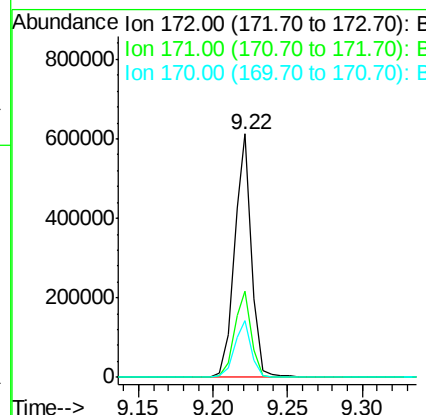
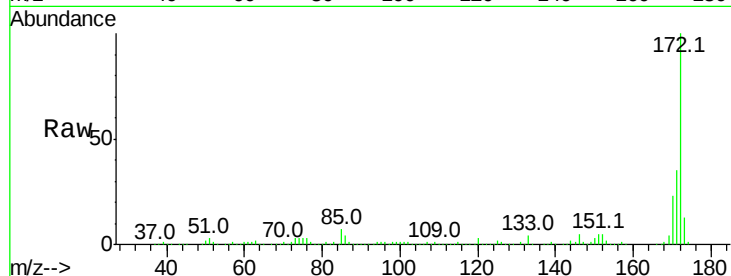




#44
2-Fluorobiphenyl
Concen: 52.103 ng
RT: 9.22 min Scan# 1213
Delta R.T. -0.01 min
Lab File: BF099209.D
Acq: 7 Oct 2017 22:14

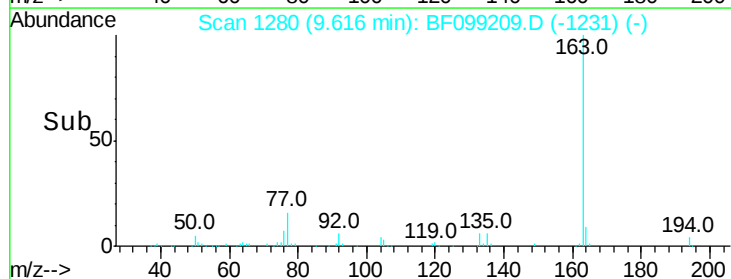
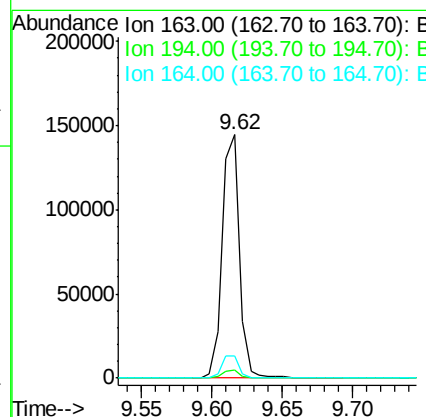
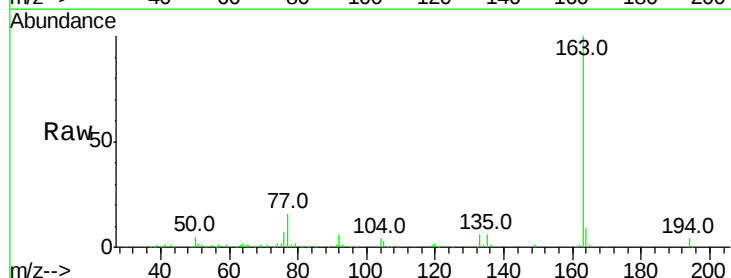
Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 493130
Ion Ratio Lower Upper
172 100
171 35.4 29.7 44.5
170 23.2 19.6 29.4



#49
Dimethylphthalate
Concen: 10.367 ng
RT: 9.62 min Scan# 1280
Delta R.T. -0.01 min
Lab File: BF099209.D
Acq: 7 Oct 2017 22:14

Tgt Ion:163 Resp: 123626
Ion Ratio Lower Upper
163 100
194 3.6 2.7 4.1
164 9.2 8.2 12.2

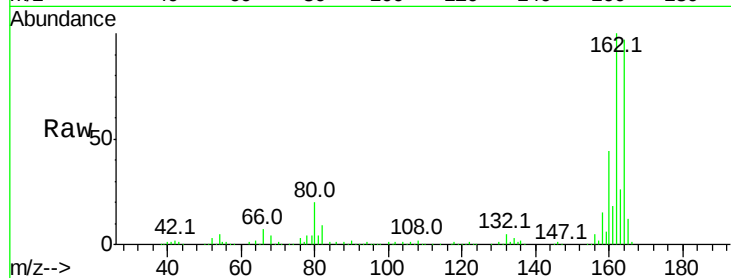




#56
 2,4-Dinitrotoluene
 Concen: 5.966 ng
 RT: 9.90 min Scan# 1329
 Delta R.T. -0.19 min
 Lab File: BF099209.D
 Acq: 7 Oct 2017 22:14

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:165	Resp:	20101
Ion Ratio	Lower	Upper
165	100	
63	0.0	36.4 54.6#
89	1.4	57.8 86.6#
182	0.0	1.6 2.4#

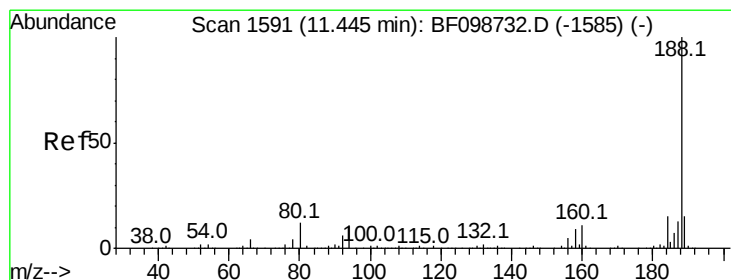
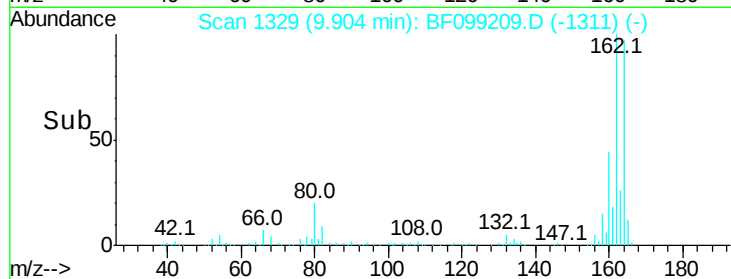
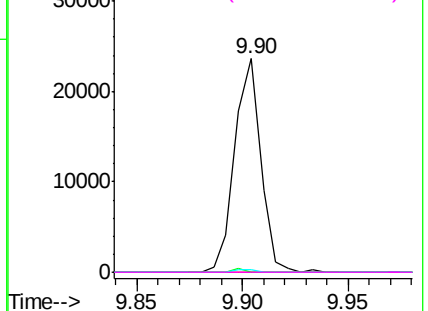


Abundance Ion 165.00 (164.70 to 165.70): E

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



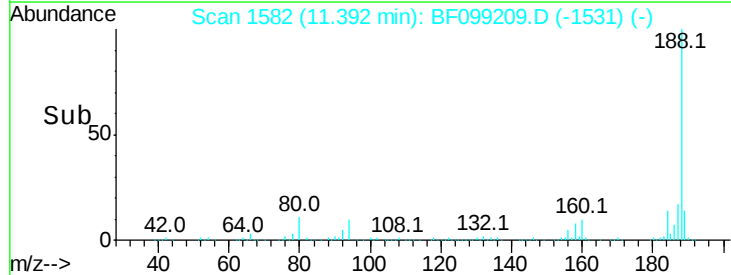
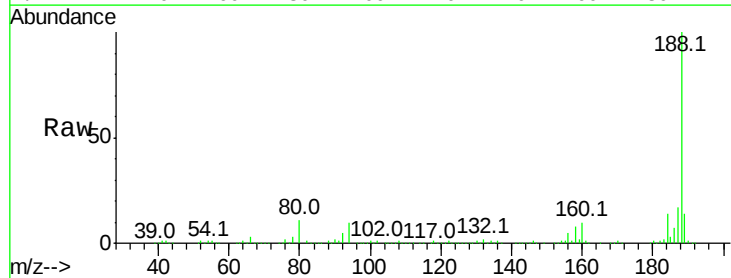
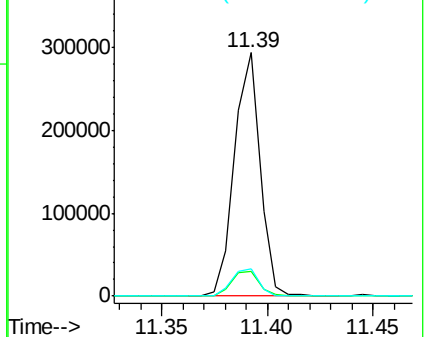
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.39 min Scan# 1582
 Delta R.T. -0.00 min
 Lab File: BF099209.D
 Acq: 7 Oct 2017 22:14

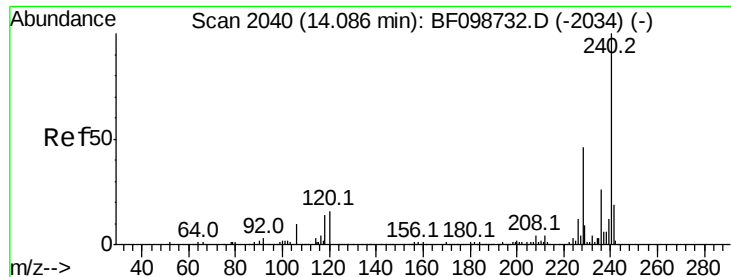
Tgt Ion:188	Resp:	246026
Ion Ratio	Lower	Upper
188	100	
94	9.9	8.5 12.7
80	11.0	9.2 13.8

Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): 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: BF099209.D

Acq: 7 Oct 2017 22:14

Instrument :

BNA_F

ClientSampleId :

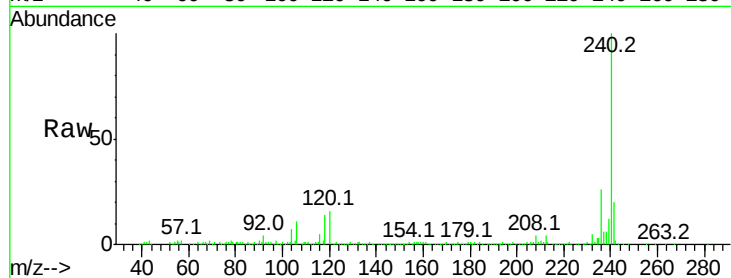
Tot Ion:240 Resp: 183717

Ion Ratio Lower Upper

240 100

120 15.7 9.5 14.3#

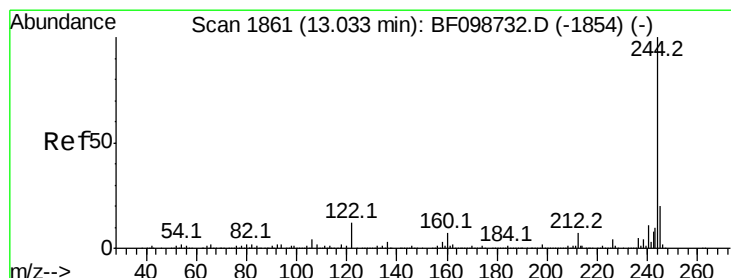
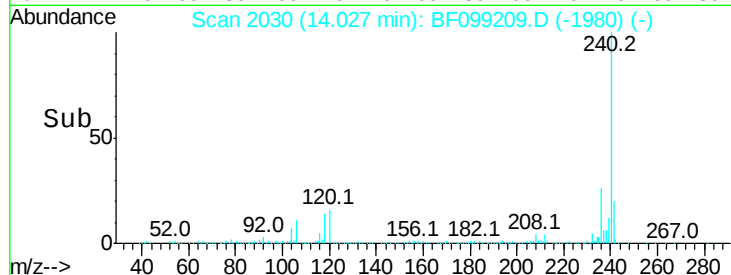
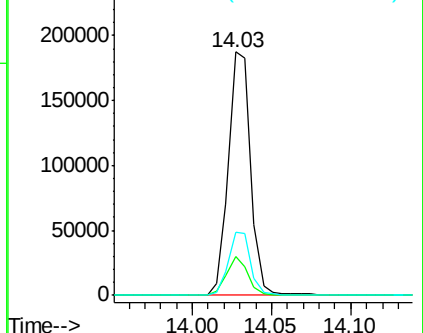
236 25.9 20.7 31.1



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: 42.584 ng

RT: 12.97 min Scan# 1850

Delta R.T. -0.01 min

Lab File: BF099209.D

Acq: 7 Oct 2017 22:14

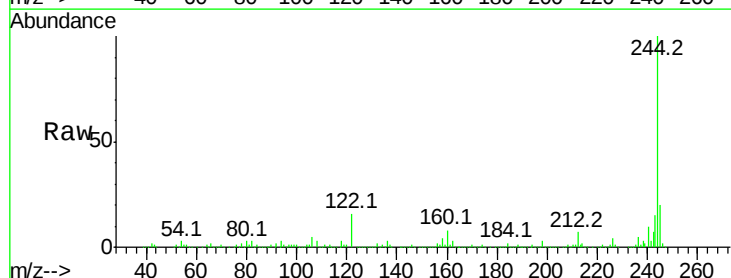
Tgt Ion:244 Resp: 344009

Ion Ratio Lower Upper

244 100

212 7.0 5.4 8.0

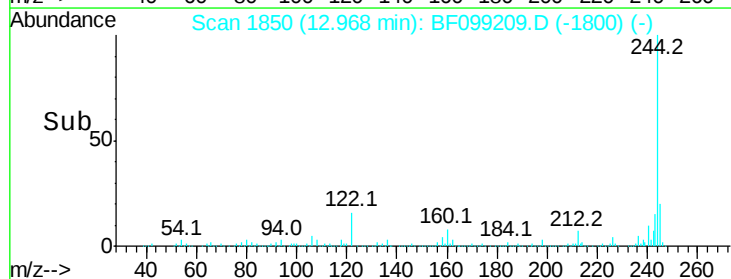
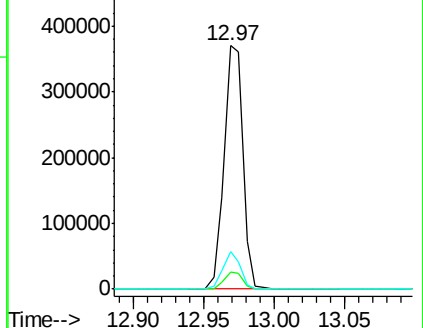
122 15.5 11.0 16.4

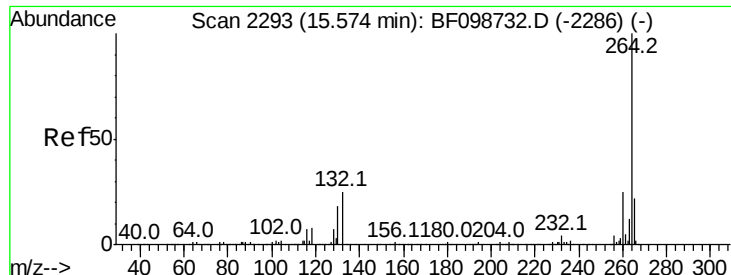


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

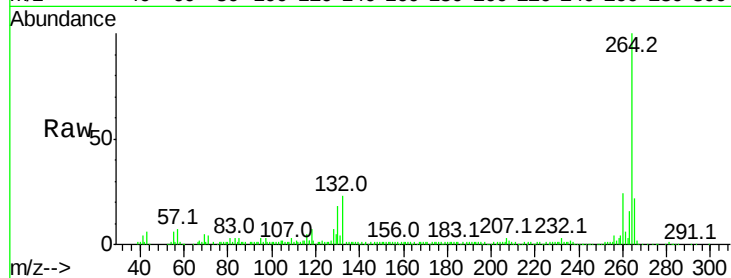




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.51 min Scan# 2282
 Delta R.T. 0.01 min
 Lab File: BF099209.D
 Acq: 7 Oct 2017 22:14

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.2	28.8
265	21.8	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

