

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100617\
 Data File : BF099181.D
 Acq On : 7 Oct 2017 7:31
 Operator : SJ/JU
 Sample : I5675-01
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 08 03:01:53 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

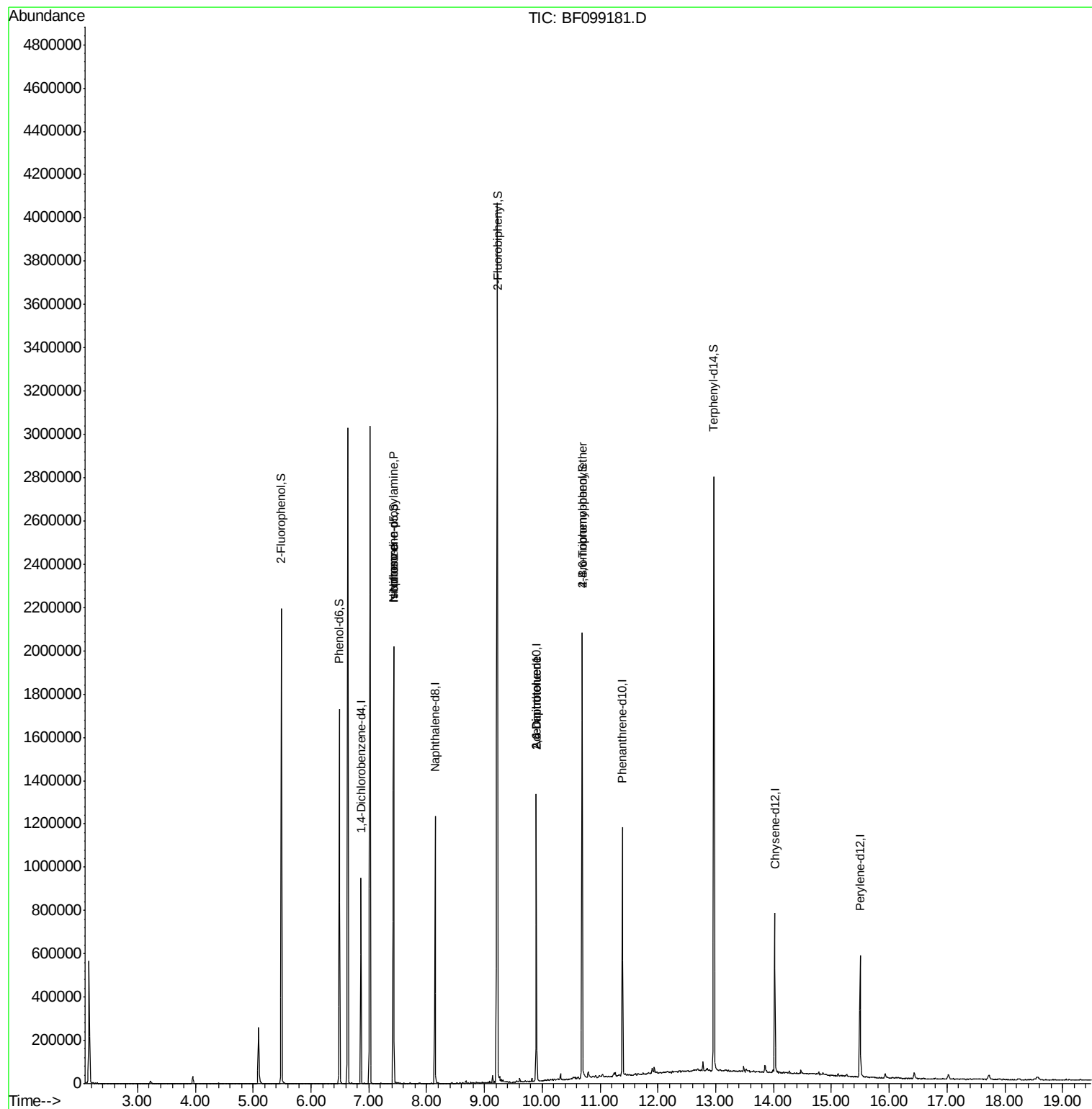
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	133388	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	546623	20.00	ng	0.00
38) Acenaphthene-d10	9.90	164	243572	20.00	ng	0.00
63) Phenanthrene-d10	11.39	188	387955	20.00	ng	0.00
75) Chrysene-d12	14.02	240	226485	20.00	ng	-0.01
86) Perylene-d12	15.50	264	243206	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	672723	80.29	ng	0.00
7) Phenol-d6	6.49	99	552788	53.48	ng	0.00
23) Nitrobenzene-d5	7.43	82	809265	94.94	ng	0.00
41) 2,4,6-Tribromophenol	10.69	330	258471	129.68	ng	0.00
44) 2-Fluorobiphenyl	9.22	172	1413077	96.85	ng	0.00
78) Terphenyl-d14	12.97	244	994963	99.91	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.43	70	105875	16.043	ng	# 74
25) Isophorone	7.43	82	809260	45.921	ng	# 64
50) 2,6-Dinitrotoluene	9.90	165	30639	7.656	ng	# 26
56) 2,4-Dinitrotoluene	9.90	165	30639	5.899	ng	# 23
66) 4-Bromophenyl-phenylether	10.69	248	16678	4.392	ng	# 1

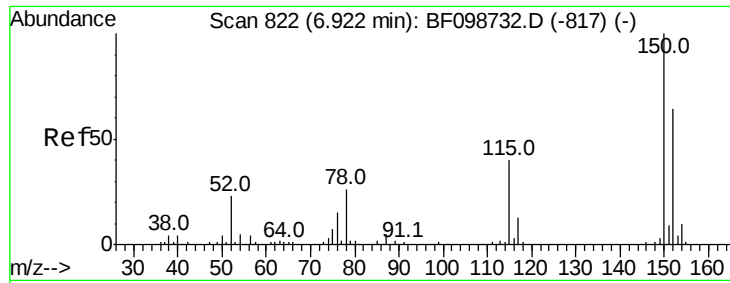
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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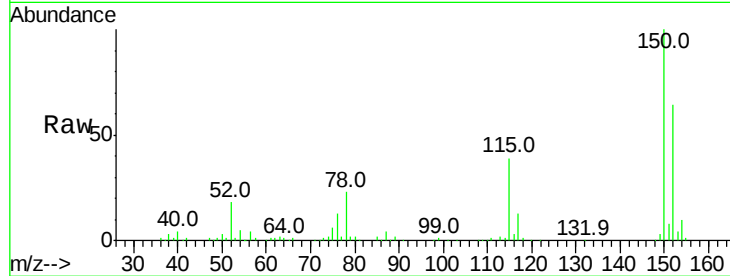


#1

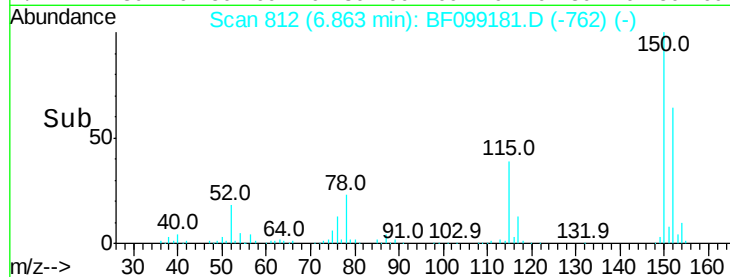
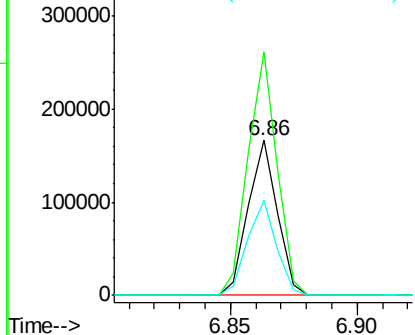
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 812
Delta R.T. -0.01 min
Lab File: BF099181.D
Acq: 7 Oct 2017 7:31

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 133388
Ion Ratio Lower Upper
152 100
150 157.1 124.6 186.8
115 61.1 50.1 75.1



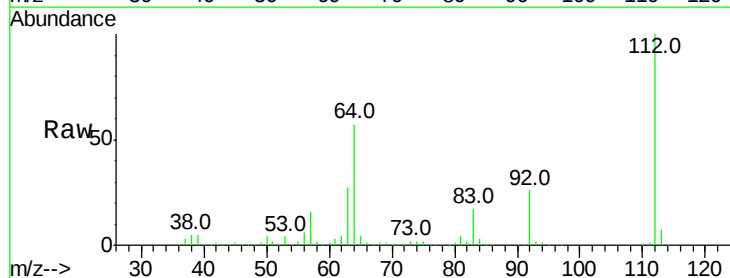
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



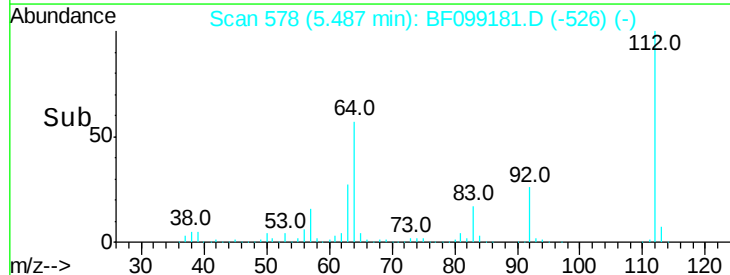
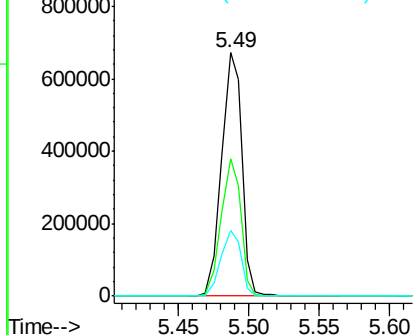
#5

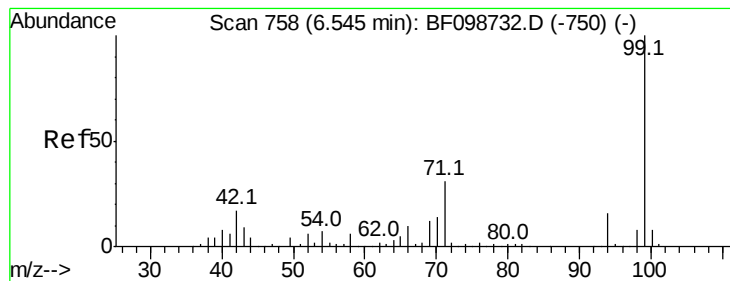
2-Fluorophenol
Concen: 80.285 ng
RT: 5.49 min Scan# 578
Delta R.T. 0.01 min
Lab File: BF099181.D
Acq: 7 Oct 2017 7:31

Tgt Ion:112 Resp: 672723
Ion Ratio Lower Upper
112 100
64 56.7 47.9 71.9
63 27.2 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: 53.478 ng

RT: 6.49 min Scan# 749

Delta R.T. -0.01 min

Lab File: BF099181.D

Acq: 7 Oct 2017 7:31

Instrument :

BNA_F

ClientSampled :

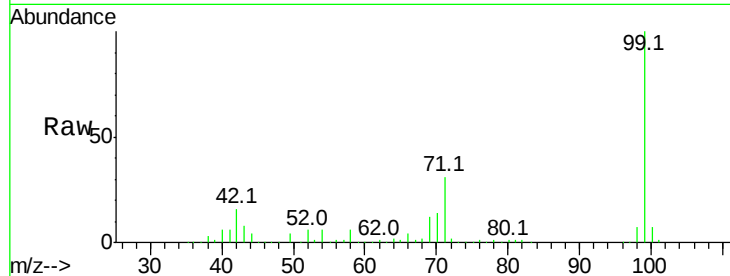
Tot Ion: 99 Resp: 552788

Ion Ratio Lower Upper

99 100

42 15.8 14.5 21.7

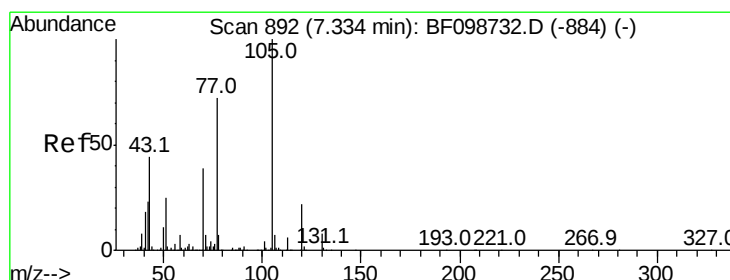
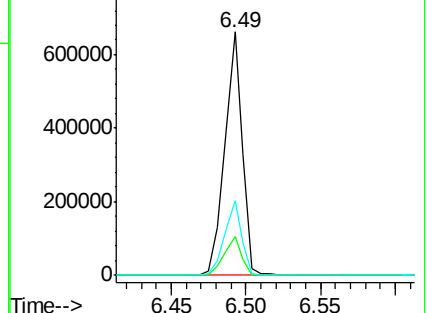
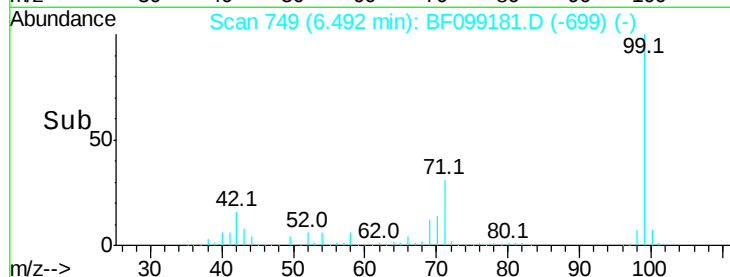
71 30.7 25.4 38.0



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



#19

n-Nitroso-di-n-propylamine

Concen: 16.043 ng

RT: 7.43 min Scan# 908

Delta R.T. 0.14 min

Lab File: BF099181.D

Acq: 7 Oct 2017 7:31

Tgt Ion: 70 Resp: 105875

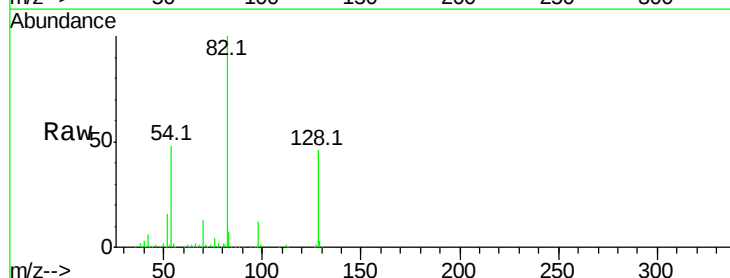
Ion Ratio Lower Upper

70 100

42 43.7 47.5 71.3#

101 0.0 7.4 11.2#

130 2.3 16.6 25.0#

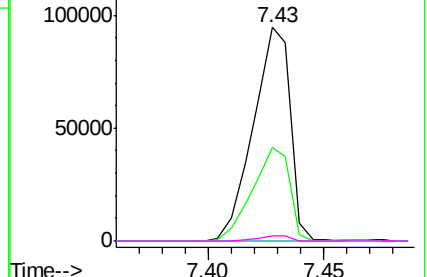
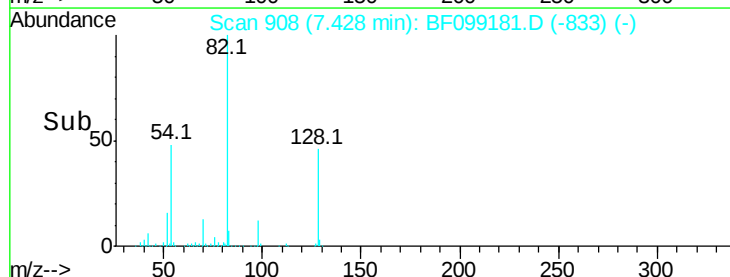


Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0

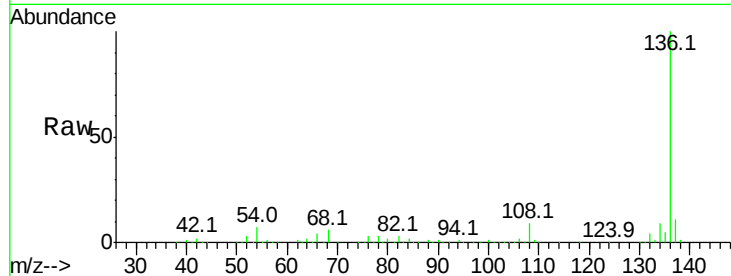




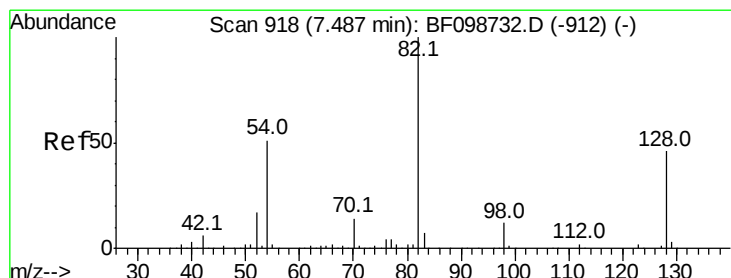
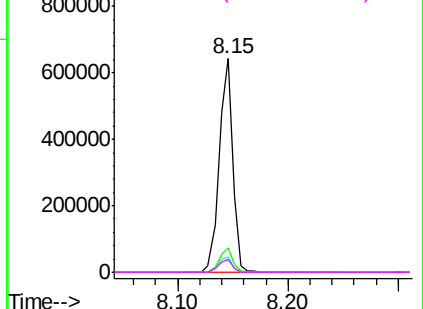
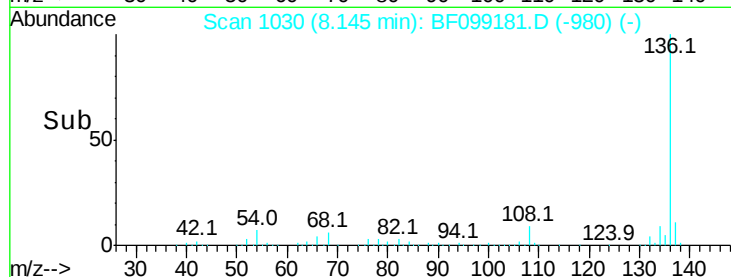
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.15 min Scan# 1030
Delta R.T. -0.01 min
Lab File: BF099181.D
Acq: 7 Oct 2017 7:31

Instrument :
BNA_F
ClientSampled :

Tot Ion:	136	Resp:	546623
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.9	13.3
54	7.2	6.6	9.8
68	5.8	5.0	7.4

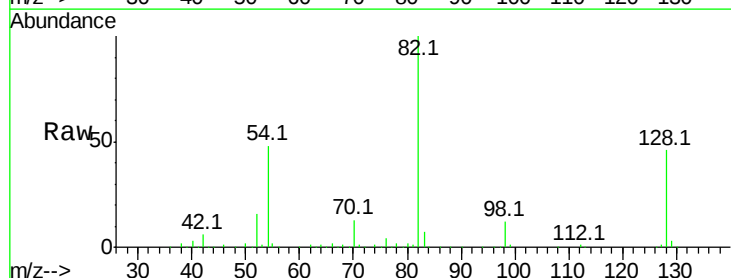


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

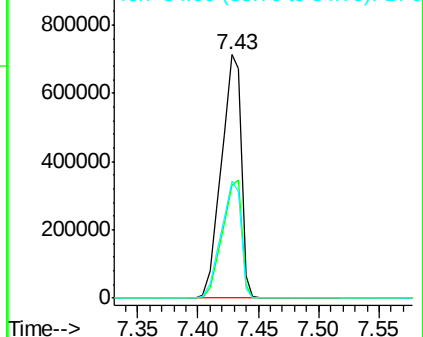
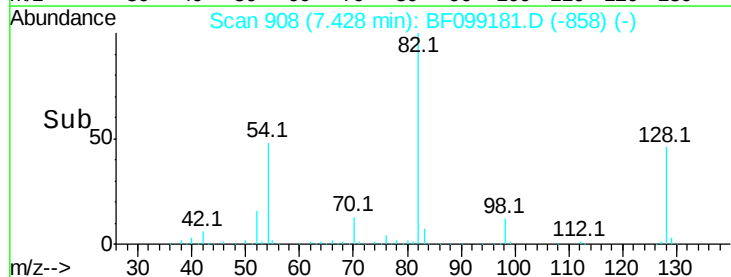


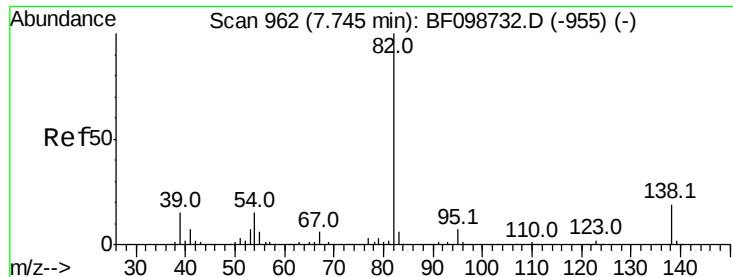
#23
Nitrobenzene-d5
Concen: 94.943 ng
RT: 7.43 min Scan# 908
Delta R.T. -0.01 min
Lab File: BF099181.D
Acq: 7 Oct 2017 7:31

Tgt Ion:	82	Resp:	809265
Ion	Ratio	Lower	Upper
82	100		
128	46.4	36.1	54.1
54	47.8	41.4	62.2



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





#25

Isophorone

Concen: 45.921 ng

RT: 7.43 min Scan# 908

Delta R.T. -0.26 min

Lab File: BF099181.D

Acq: 7 Oct 2017 7:31

Instrument :

BNA_F

ClientSampled :

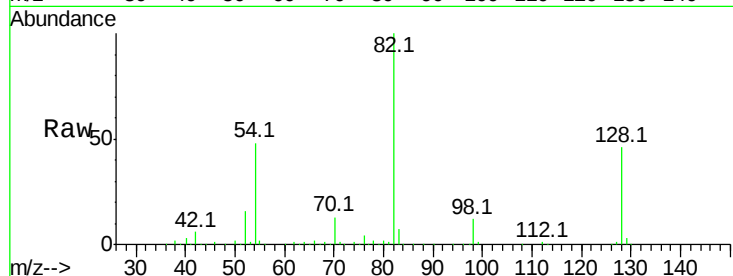
Tot Ion: 82 Resp: 809260

Ion Ratio Lower Upper

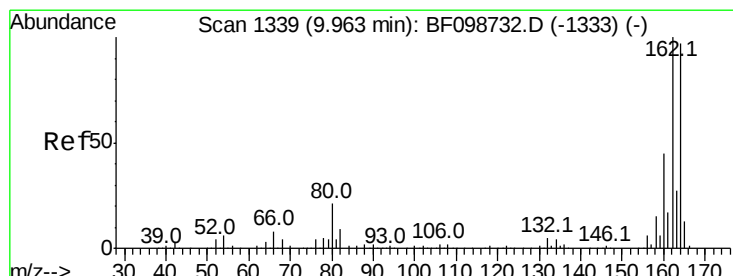
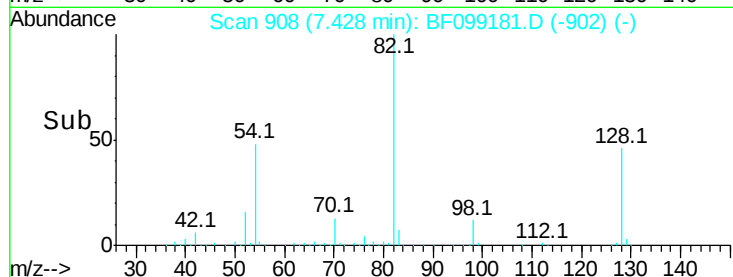
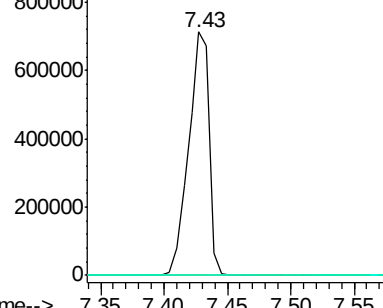
82 100

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): E



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.90 min Scan# 1328

Delta R.T. -0.01 min

Lab File: BF099181.D

Acq: 7 Oct 2017 7:31

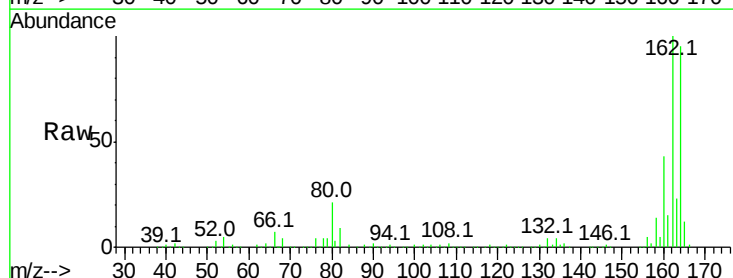
Tgt Ion:164 Resp: 243572

Ion Ratio Lower Upper

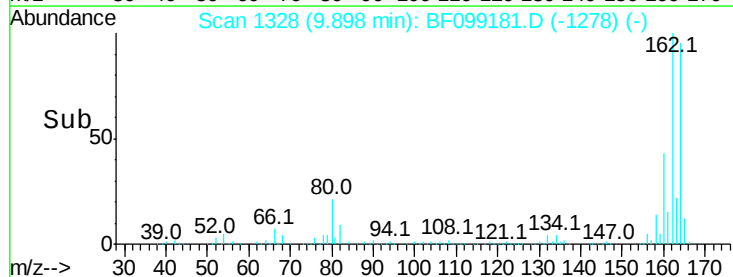
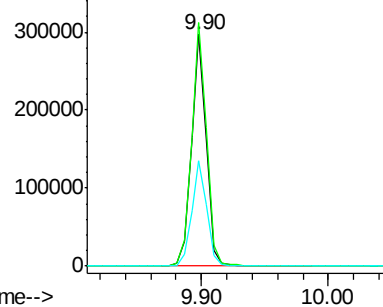
164 100

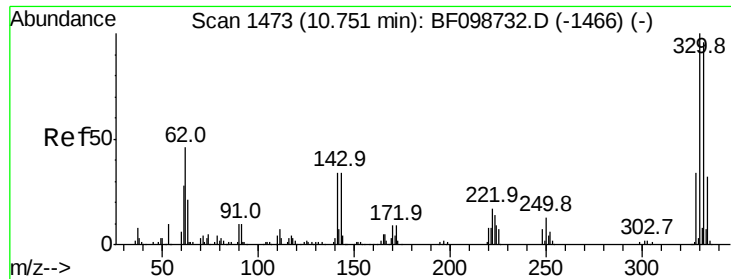
162 105.0 86.1 129.1

160 45.3 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

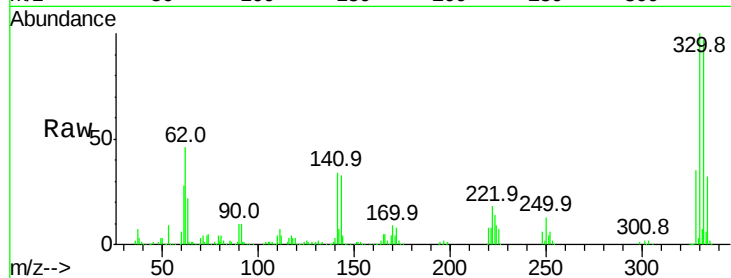




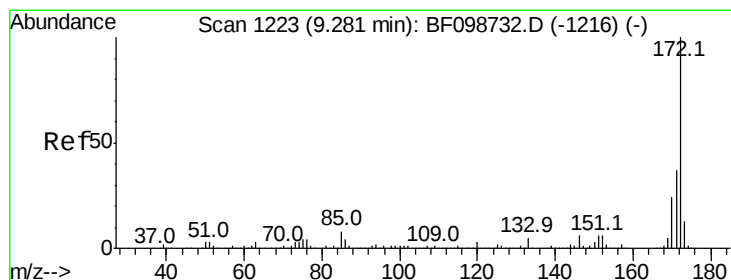
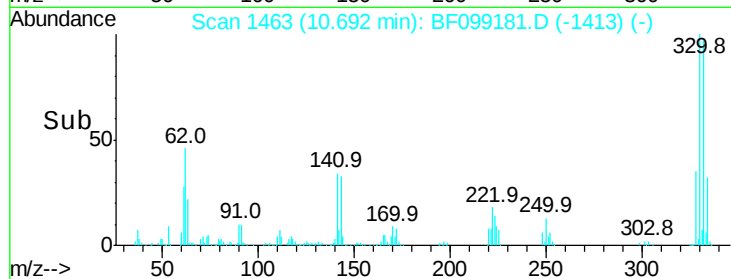
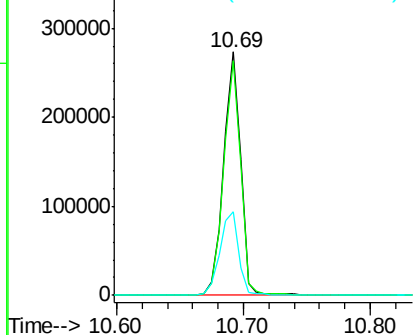
#41
 2,4,6-Tribromophenol
 Concen: 129.684 ng
 RT: 10.69 min Scan# 1463
 Delta R.T. -0.01 min
 Lab File: BF099181.D
 Acq: 7 Oct 2017 7:31

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 258471
 Ion Ratio Lower Upper
 330 100
 332 96.2 77.0 115.6
 141 38.4 29.9 44.9

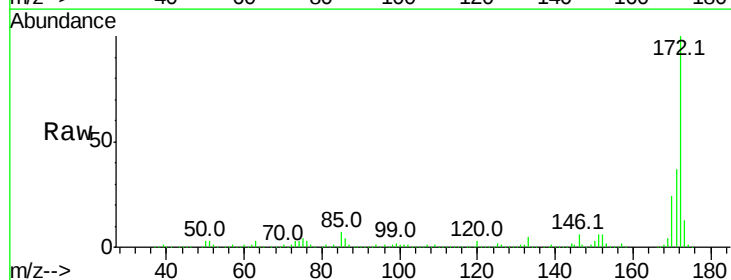


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

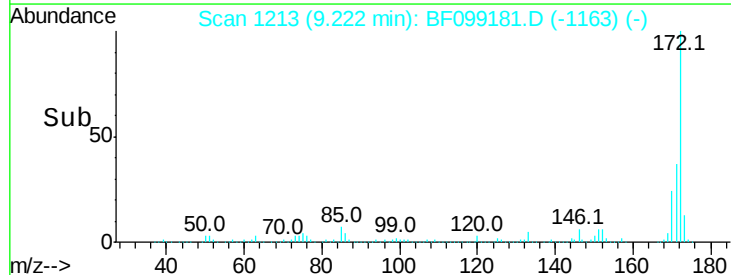
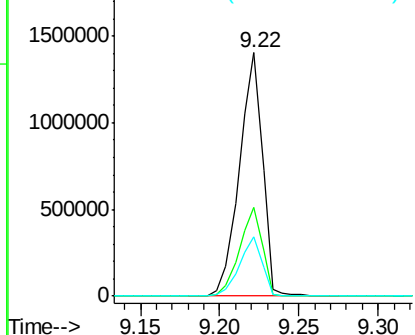


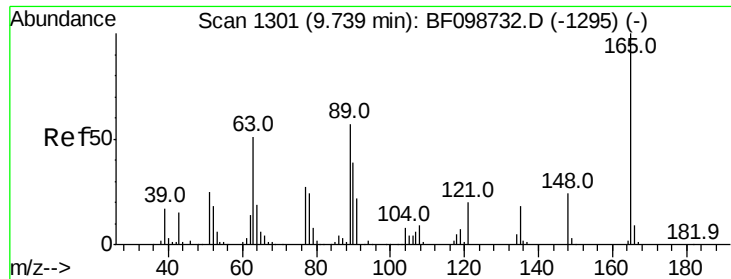
#44
 2-Fluorobiphenyl
 Concen: 96.851 ng
 RT: 9.22 min Scan# 1213
 Delta R.T. -0.01 min
 Lab File: BF099181.D
 Acq: 7 Oct 2017 7:31

Tgt Ion:172 Resp: 1413077
 Ion Ratio Lower Upper
 172 100
 171 36.5 29.7 44.5
 170 24.4 19.6 29.4



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

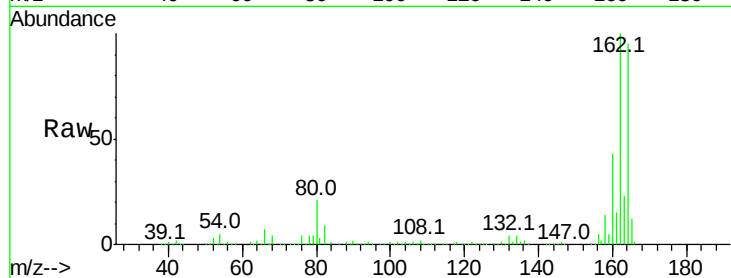




#50
 2,6-Dinitrotoluene
 Concen: 7.656 ng
 RT: 9.90 min Scan# 1328
 Delta R.T. 0.21 min
 Lab File: BF099181.D
 Acq: 7 Oct 2017 7:31

Instrument :
 BNA_F
 ClientSampleId :

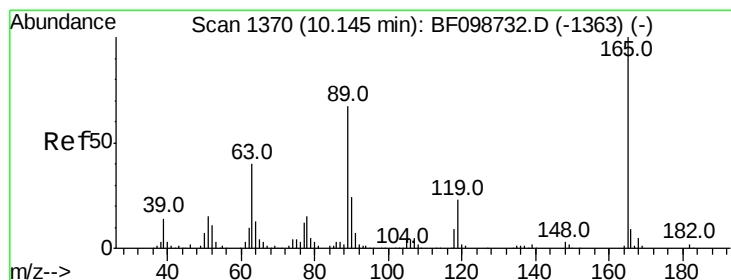
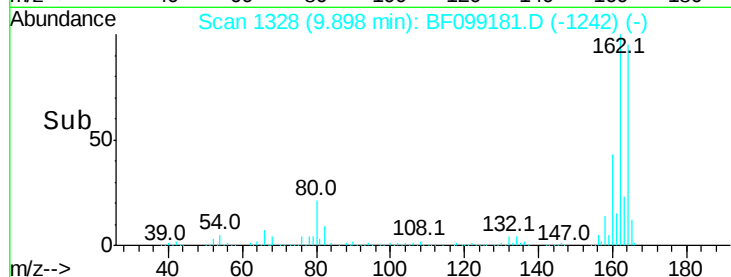
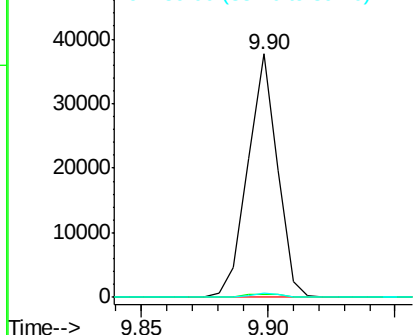
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.4	44.7	67.1#
89	1.6	44.0	66.0#



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



#56
 2,4-Dinitrotoluene
 Concen: 5.899 ng
 RT: 9.90 min Scan# 1328
 Delta R.T. -0.20 min
 Lab File: BF099181.D
 Acq: 7 Oct 2017 7:31

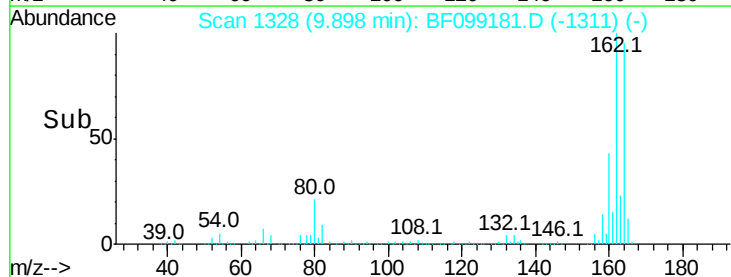
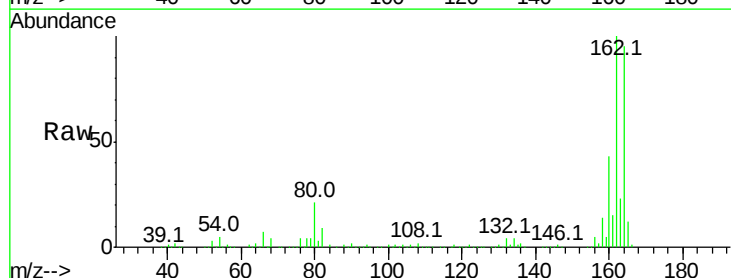
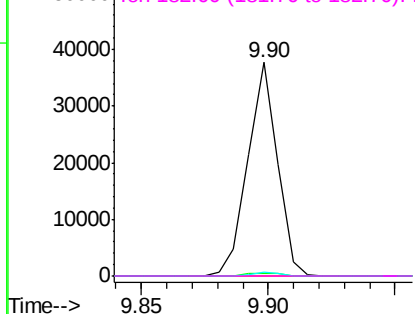
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.4	36.4	54.6#
89	1.6	57.8	86.6#
182	0.0	1.6	2.4#

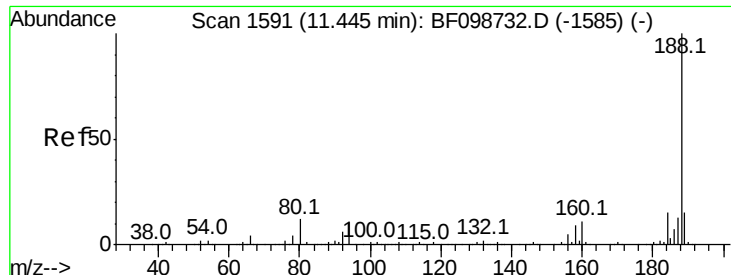
Abundance Ion 165.00 (164.70 to 165.70): E

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

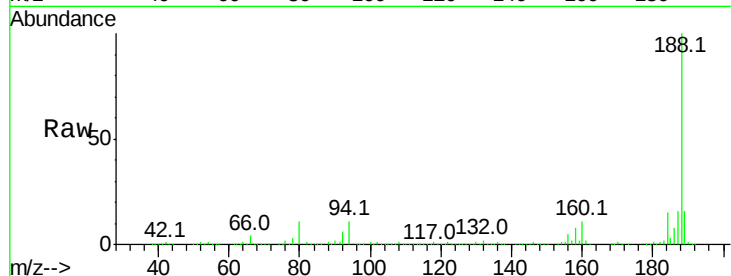




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.39 min Scan# 1581
 Delta R.T. -0.01 min
 Lab File: BF099181.D
 Acq: 7 Oct 2017 7:31

Instrument :
 BNA_F
 ClientSampleId :

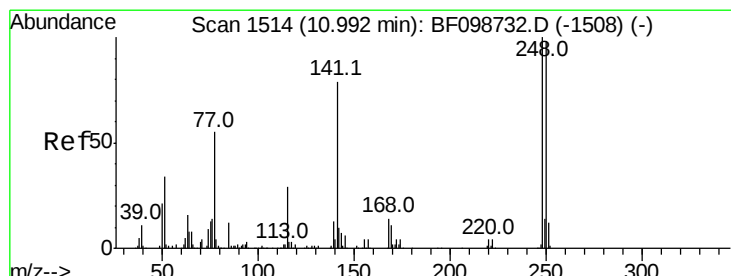
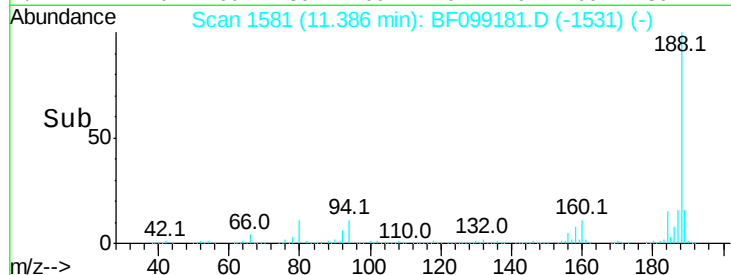
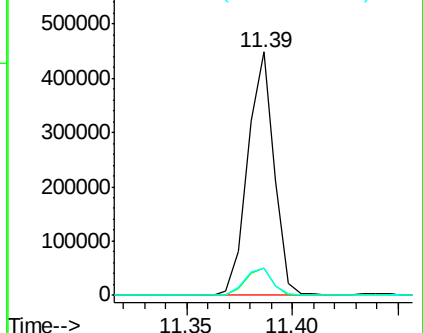
Tot Ion	Ratio	Lower	Upper
188	100		
94	11.0	8.5	12.7
80	11.3	9.2	13.8



Abundance Ion 188.00 (187.70 to 188.70): E

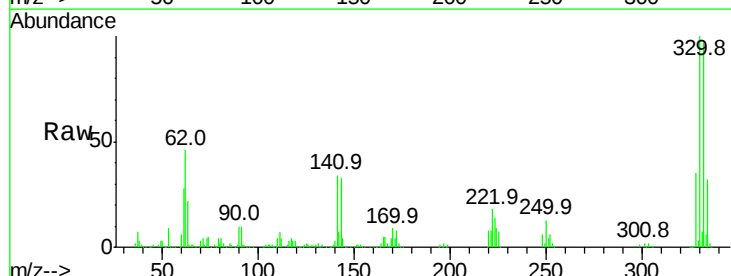
Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#66
 4-Bromophenyl-phenylether
 Concen: 4.392 ng
 RT: 10.69 min Scan# 1463
 Delta R.T. -0.24 min
 Lab File: BF099181.D
 Acq: 7 Oct 2017 7:31

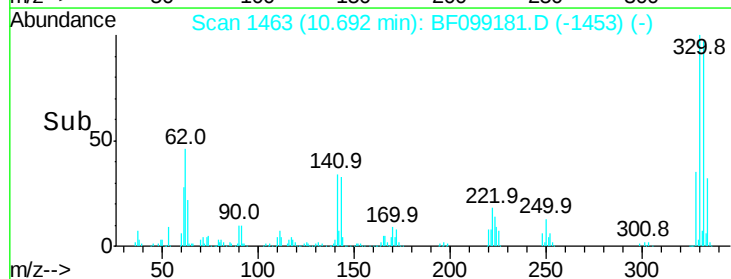
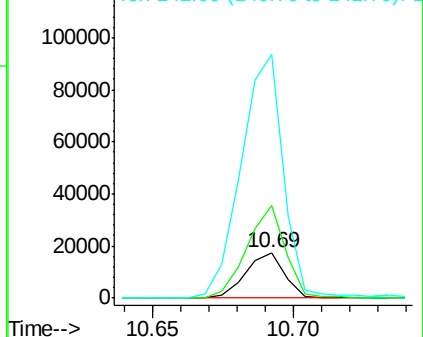
Tgt Ion	Ratio	Lower	Upper
248	100		
250	202.4	76.9	115.3#
141	534.8	74.4	111.6#

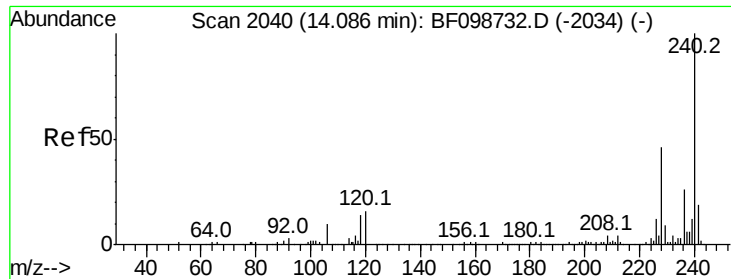


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.02 min Scan# 2029

Delta R.T. -0.01 min

Lab File: BF099181.D

Acq: 7 Oct 2017 7:31

Instrument :

BNA_F

ClientSampleId :

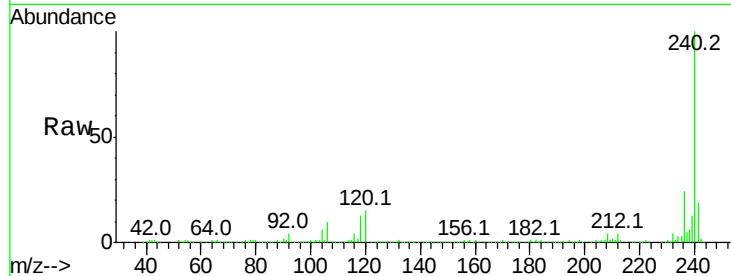
Tot Ion:240 Resp: 226485

Ion Ratio Lower Upper

240 100

120 14.7 9.5 14.3#

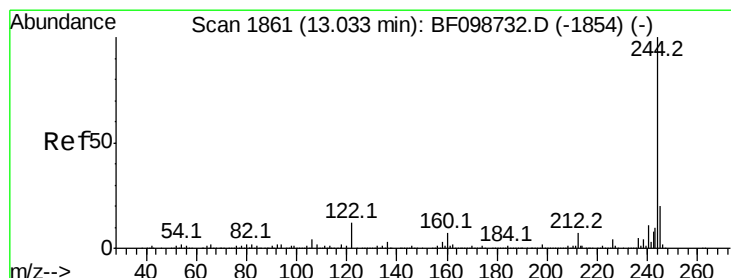
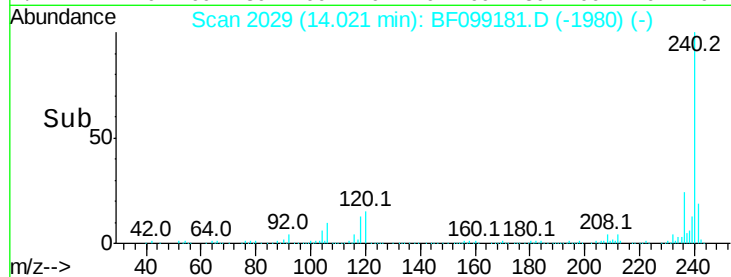
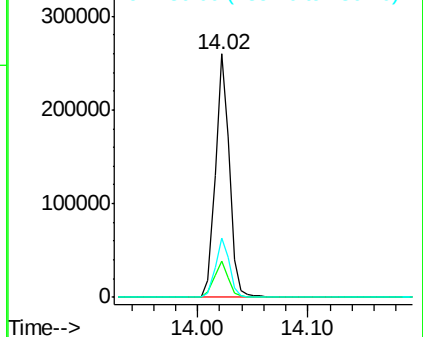
236 24.5 20.7 31.1



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: 99.907 ng

RT: 12.97 min Scan# 1850

Delta R.T. -0.01 min

Lab File: BF099181.D

Acq: 7 Oct 2017 7:31

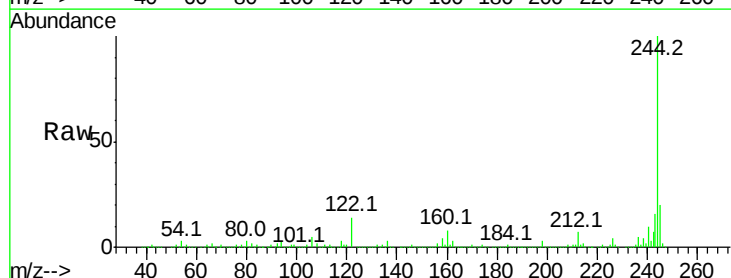
Tgt Ion:244 Resp: 994963

Ion Ratio Lower Upper

244 100

212 7.0 5.4 8.0

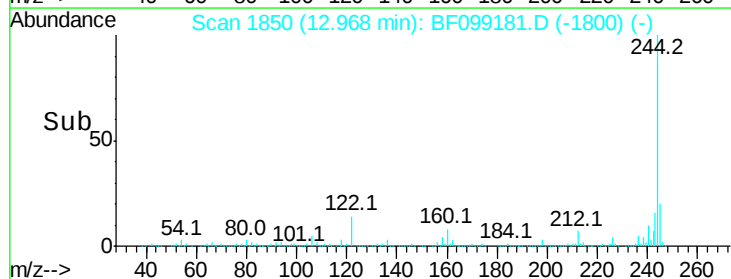
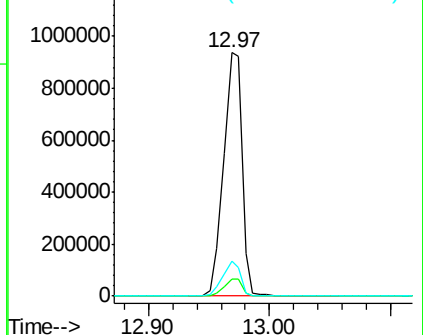
122 14.3 11.0 16.4

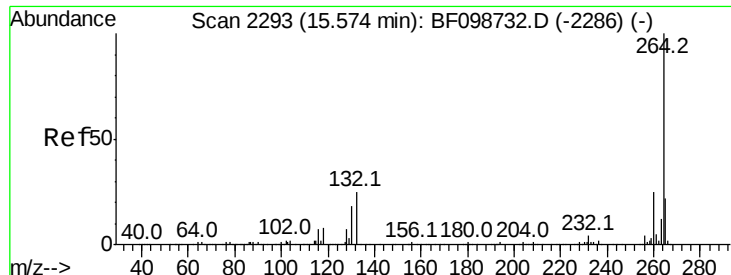


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

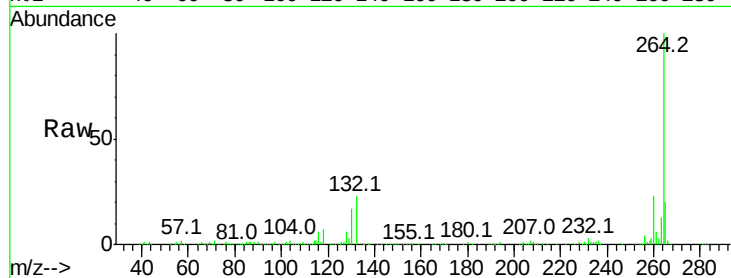




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.50 min Scan# 2280
 Delta R.T. -0.01 min
 Lab File: BF099181.D
 Acq: 7 Oct 2017 7:31

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.2	19.2	28.8
265	20.1	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

