

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101817\
 Data File : BF099609.D
 Acq On : 18 Oct 2017 11:28
 Operator : SJ/JU
 Sample : PB103194BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 18 15:20:21 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 18 15:18:49 2017
 Response via : Initial Calibration

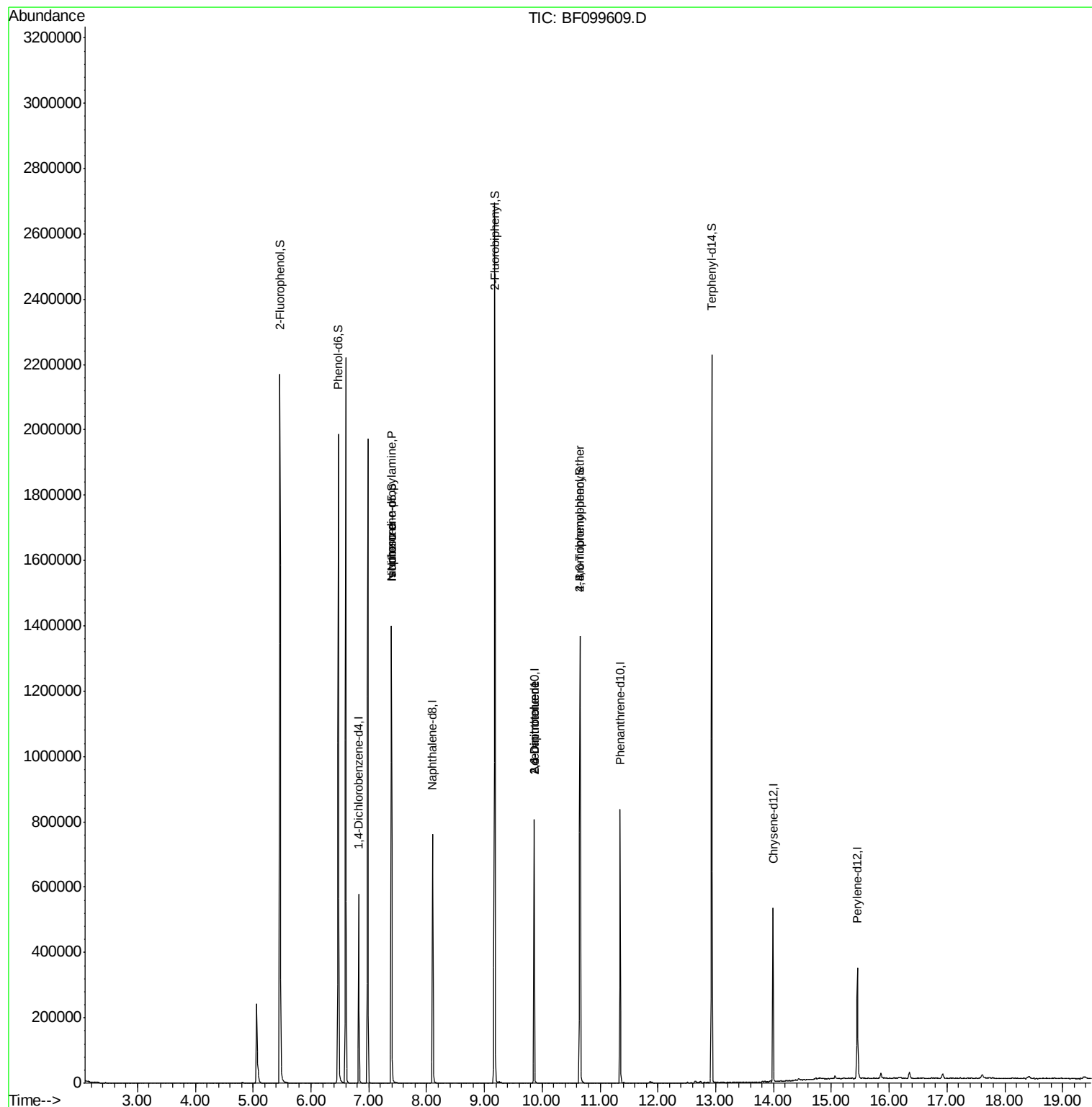
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	91815	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	379639	20.00	ng	0.00
38) Acenaphthene-d10	9.86	164	171162	20.00	ng	0.00
63) Phenanthrene-d10	11.35	188	310018	20.00	ng	0.00
75) Chrysene-d12	13.99	240	183700	20.00	ng	0.00
86) Perylene-d12	15.45	264	149760	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	689944	119.62	ng	0.01
7) Phenol-d6	6.47	99	809310	113.75	ng	0.00
23) Nitrobenzene-d5	7.39	82	482073	81.43	ng	0.00
41) 2,4,6-Tribromophenol	10.66	330	171899	122.74	ng	0.00
44) 2-Fluorobiphenyl	9.18	172	959891	93.62	ng	0.00
78) Terphenyl-d14	12.93	244	766770	94.93	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.39	70	60320	13.279	ng	# 72
25) Isophorone	7.39	82	482067	39.387	ng	# 64
50) 2,6-Dinitrotoluene	9.86	165	22039	7.836	ng	# 24
56) 2,4-Dinitrotoluene	9.86	165	22039	6.038	ng	# 21
66) 4-Bromophenyl-phenylether	10.65	248	11542	3.804	ng	# 1

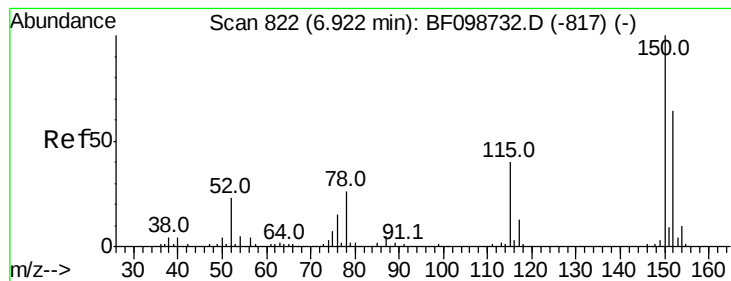
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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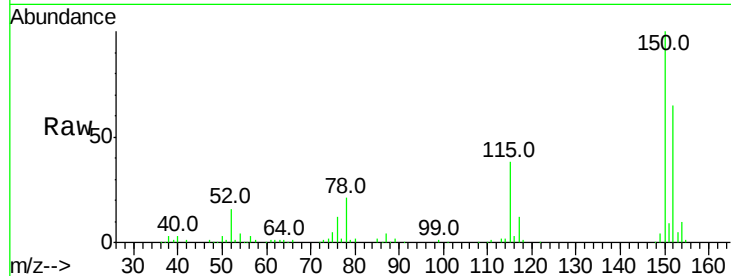


#1

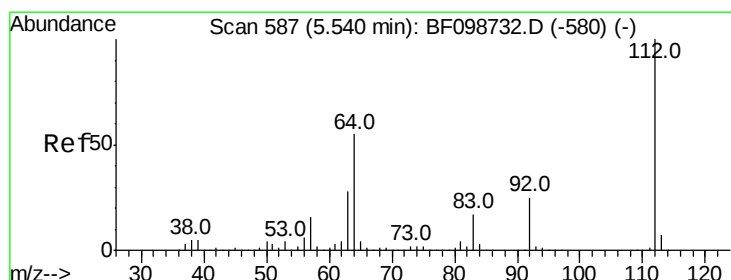
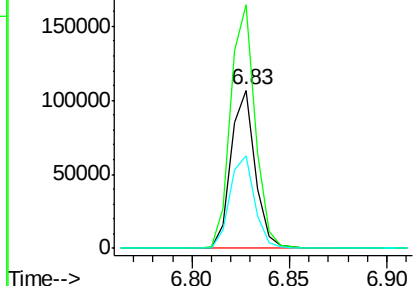
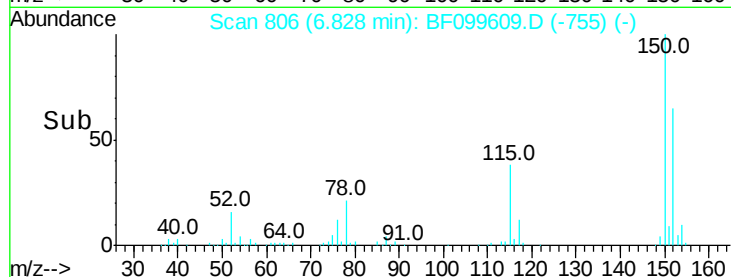
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.83 min Scan# 806
 Delta R.T. 0.00 min
 Lab File: BF099609.D
 Acq: 18 Oct 2017 11:28

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:152 Resp: 91815
 Ion Ratio Lower Upper
 152 100
 150 153.8 124.6 186.8
 115 58.7 50.1 75.1



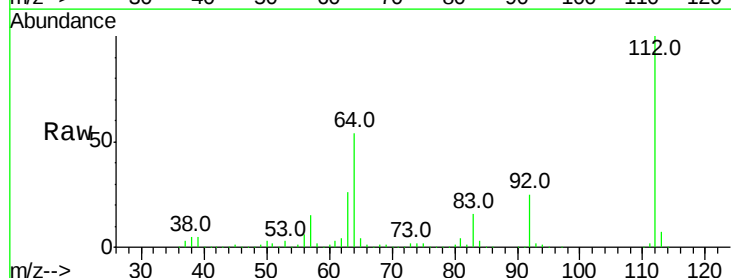
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



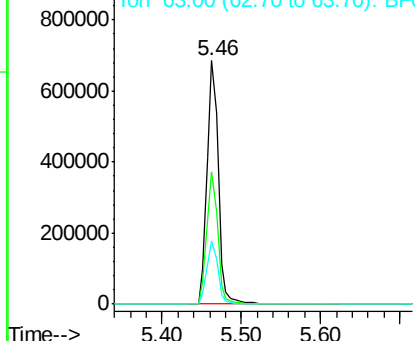
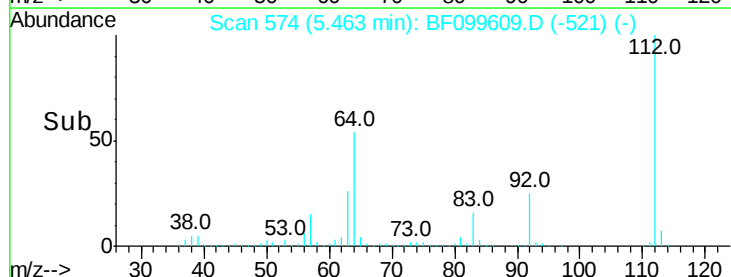
#5

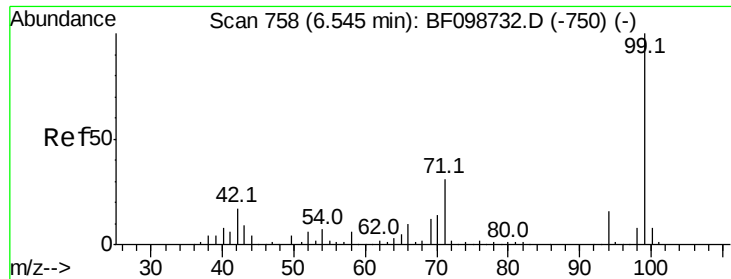
2-Fluorophenol
 Concen: 119.623 ng
 RT: 5.46 min Scan# 574
 Delta R.T. 0.01 min
 Lab File: BF099609.D
 Acq: 18 Oct 2017 11:28

Tgt Ion:112 Resp: 689944
 Ion Ratio Lower Upper
 112 100
 64 54.1 47.9 71.9
 63 26.2 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: 113.747 ng

RT: 6.47 min Scan# 746

Delta R.T. -0.01 min

Lab File: BF099609.D

Acq: 18 Oct 2017 11:28

Instrument :

BNA_F

ClientSampleId :

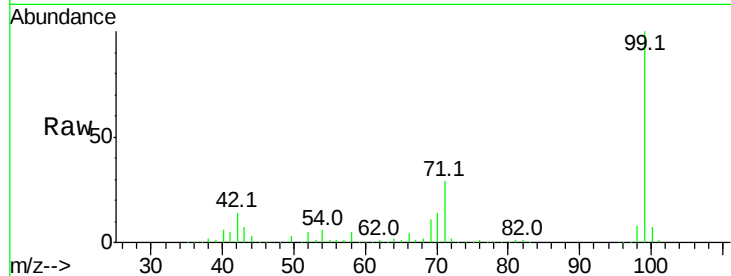
Tot Ion: 99 Resp: 809310

Ion Ratio Lower Upper

99 100

42 14.5 14.5 21.7#

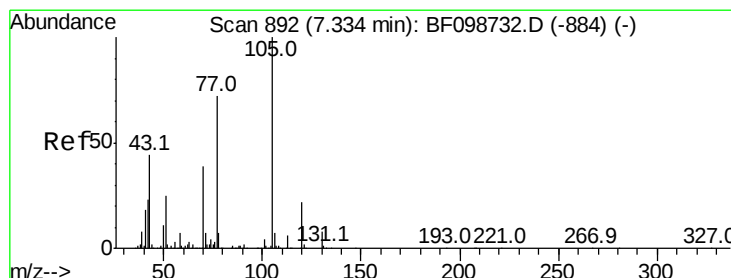
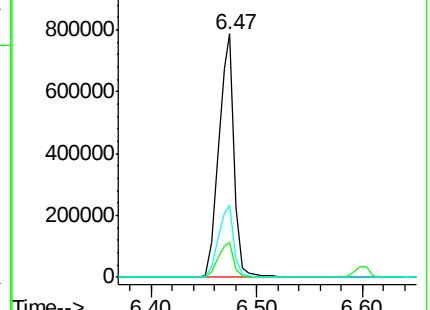
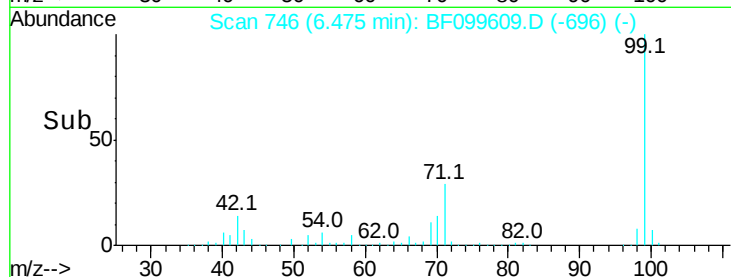
71 29.5 25.4 38.0



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



#19

n-Nitroso-di-n-propylamine

Concen: 13.279 ng

RT: 7.39 min Scan# 902

Delta R.T. 0.15 min

Lab File: BF099609.D

Acq: 18 Oct 2017 11:28

Tgt Ion: 70 Resp: 60320

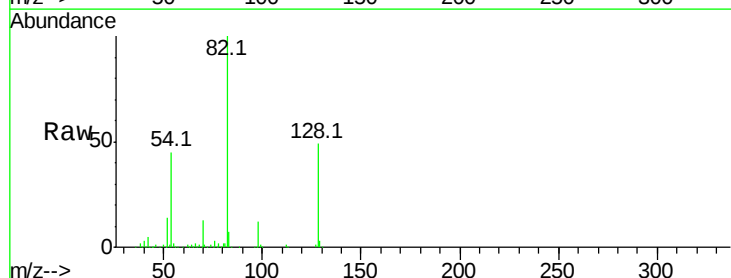
Ion Ratio Lower Upper

70 100

42 41.5 47.5 71.3#

101 0.0 7.4 11.2#

130 2.2 16.6 25.0#

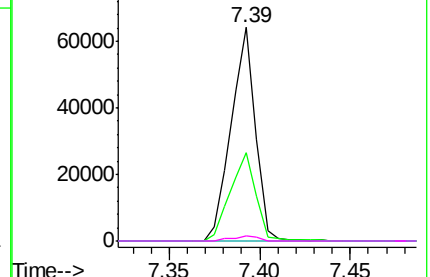
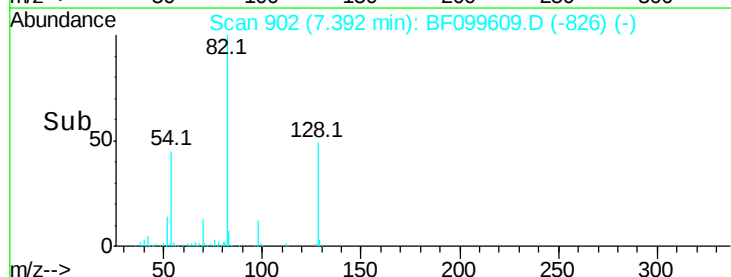


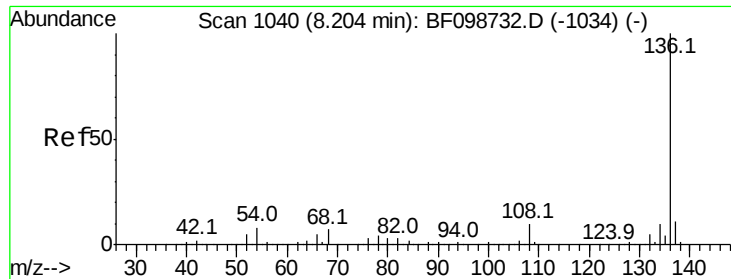
Abundance Ion 70.00 (69.70 to 70.70): BF0

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

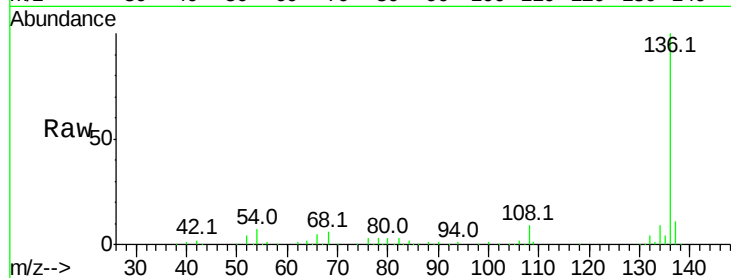




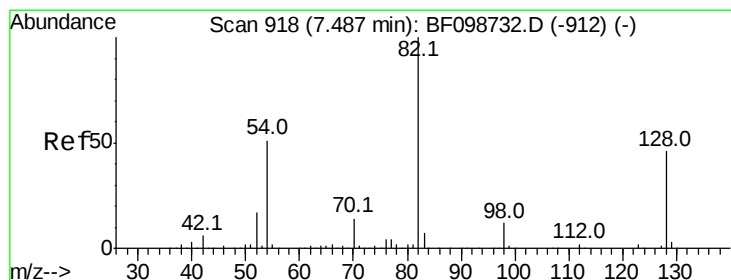
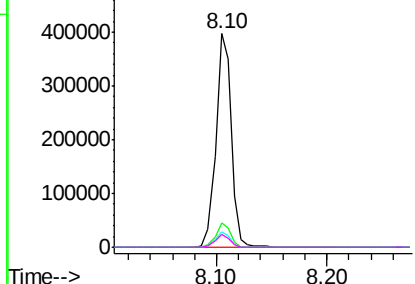
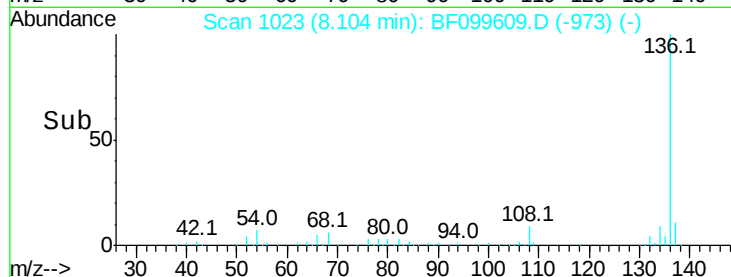
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.10 min Scan# 1023
Delta R.T. -0.01 min
Lab File: BF099609.D
Acq: 18 Oct 2017 11:28

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	136	Resp:	379639
Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.9	13.3
54	7.4	6.6	9.8
68	5.9	5.0	7.4

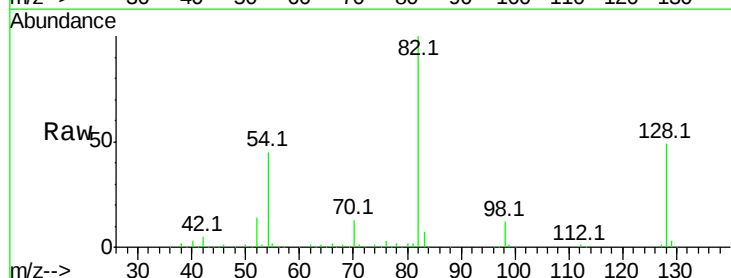


Abundance Ion 136.00 (135.70 to 136.70): B
Ion 137.00 (136.70 to 137.70): B
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

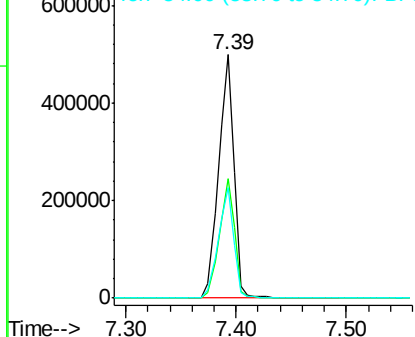
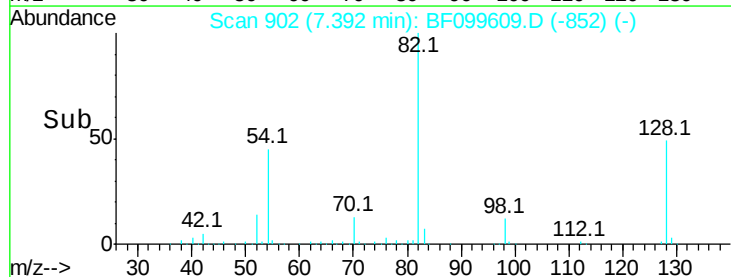


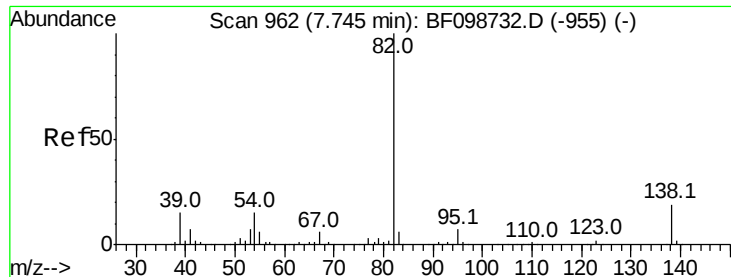
#23
Nitrobenzene-d5
Concen: 81.434 ng
RT: 7.39 min Scan# 902
Delta R.T. -0.01 min
Lab File: BF099609.D
Acq: 18 Oct 2017 11:28

Tgt Ion:	82	Resp:	482073
Ion	Ratio	Lower	Upper
82	100		
128	48.8	36.1	54.1
54	45.1	41.4	62.2



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





#25

Isophorone

Concen: 39.387 ng

RT: 7.39 min Scan# 902

Delta R.T. -0.26 min

Lab File: BF099609.D

Acq: 18 Oct 2017 11:28

Instrument :

BNA_F

ClientSampleId :

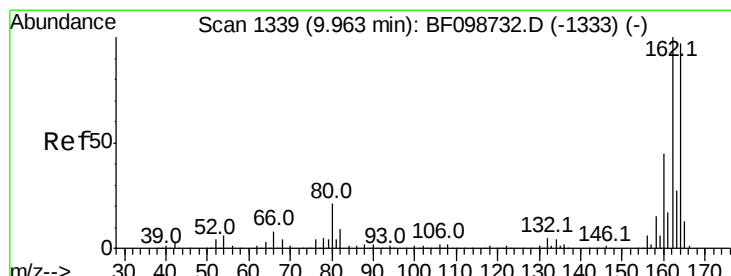
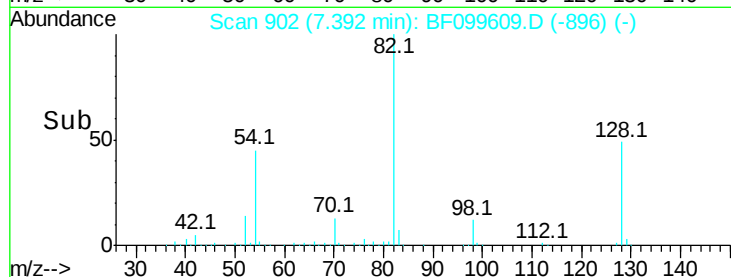
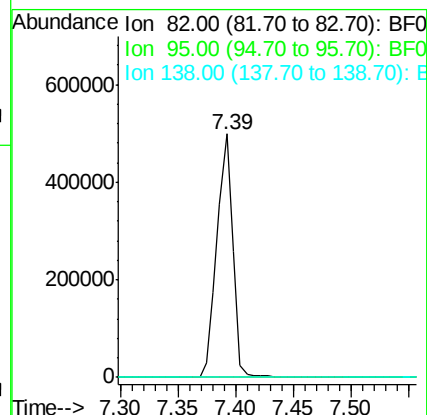
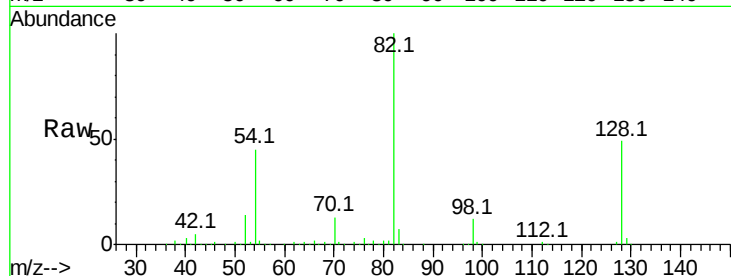
Tot Ion: 82 Resp: 482067

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

138 0.0 14.9 22.3#



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.86 min Scan# 1322

Delta R.T. -0.01 min

Lab File: BF099609.D

Acq: 18 Oct 2017 11:28

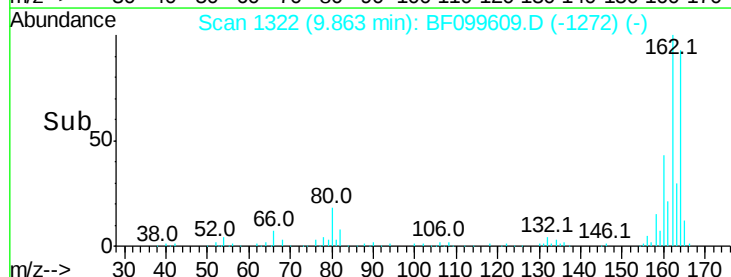
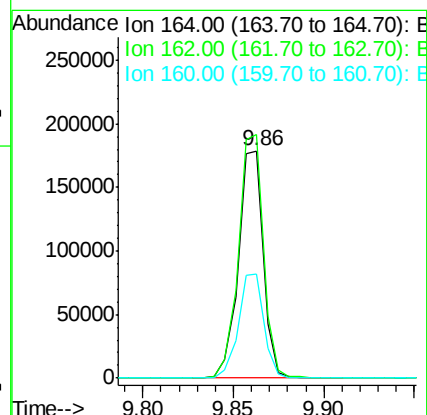
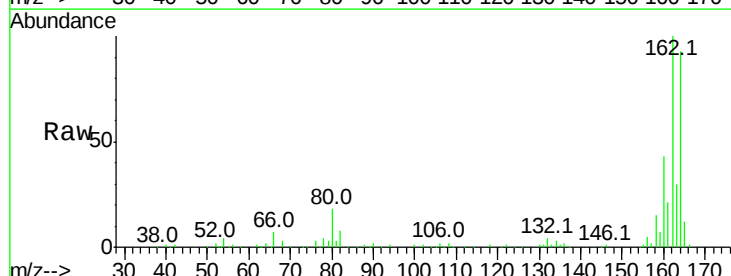
Tgt Ion:164 Resp: 171162

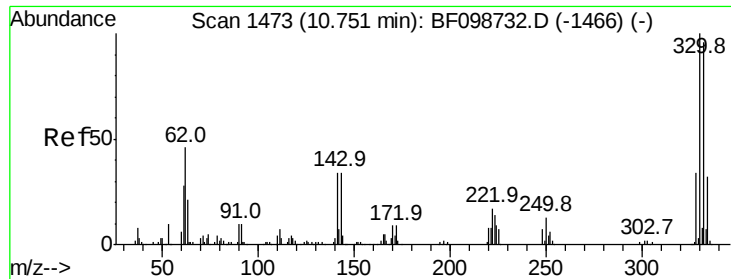
Ion Ratio Lower Upper

164 100

162 107.0 86.1 129.1

160 45.8 38.3 57.5

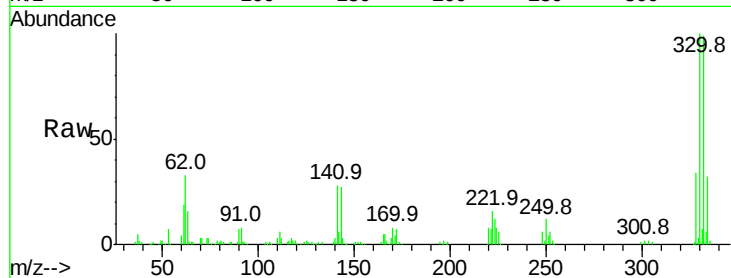




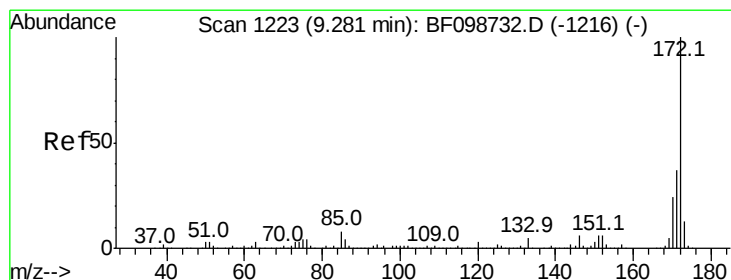
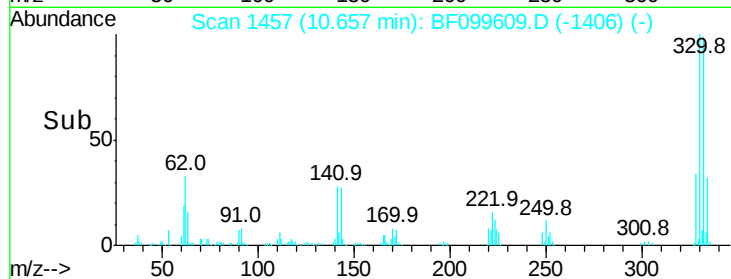
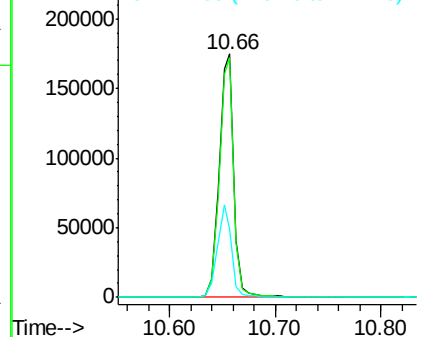
#41
 2,4,6-Tribromophenol
 Concen: 122.735 ng
 RT: 10.66 min Scan# 1457
 Delta R.T. 0.00 min
 Lab File: BF099609.D
 Acq: 18 Oct 2017 11:28

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.2	77.0	115.6
141	36.7	29.9	44.9

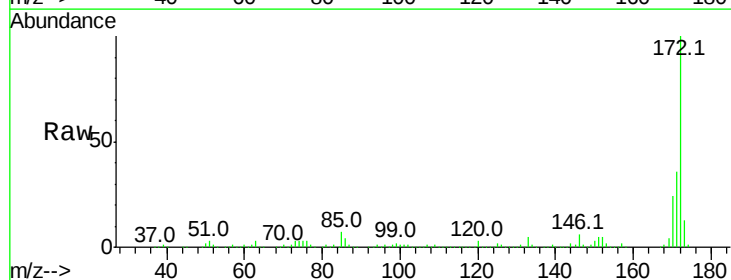


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

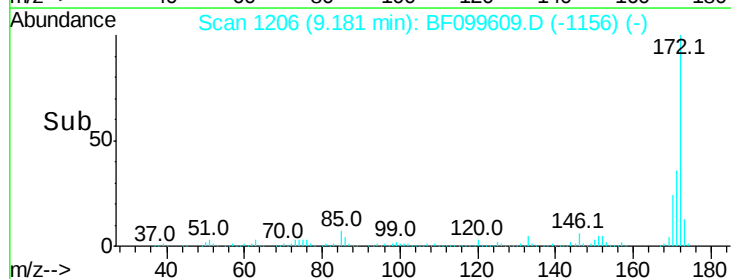
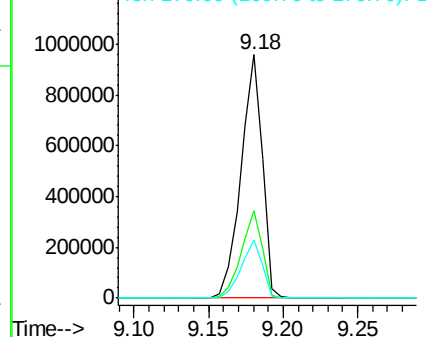


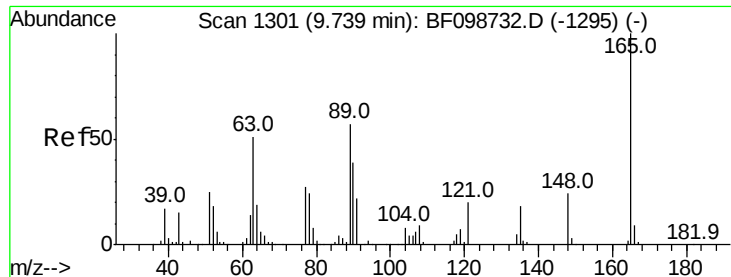
#44
 2-Fluorobiphenyl
 Concen: 93.622 ng
 RT: 9.18 min Scan# 1206
 Delta R.T. -0.01 min
 Lab File: BF099609.D
 Acq: 18 Oct 2017 11:28

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.8	29.7	44.5
170	23.7	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: 7.836 ng

RT: 9.86 min Scan# 1321

Delta R.T. 0.20 min

Lab File: BF099609.D

Acq: 18 Oct 2017 11:28

Instrument :

BNA_F

ClientSampleId :

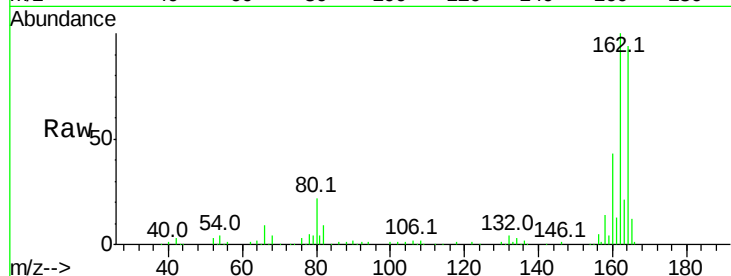
Tot Ion:165 Resp: 22039

Ion Ratio Lower Upper

165 100

63 0.0 44.7 67.1#

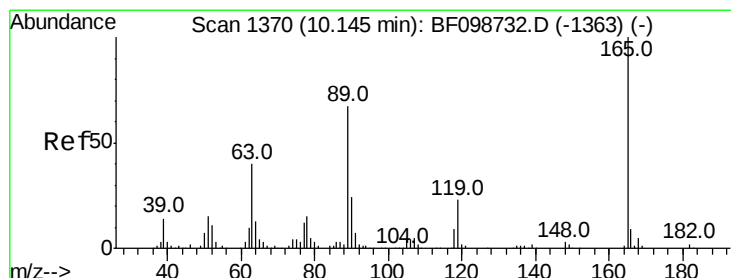
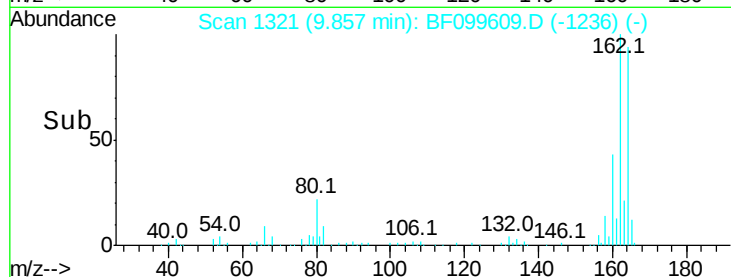
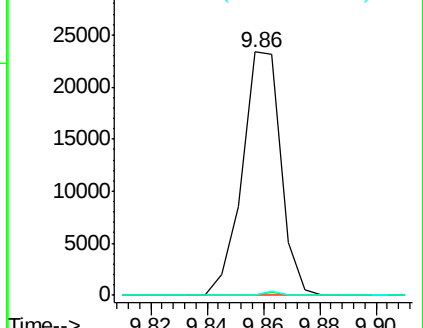
89 0.0 44.0 66.0#



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: 6.038 ng

RT: 9.86 min Scan# 1321

Delta R.T. -0.21 min

Lab File: BF099609.D

Acq: 18 Oct 2017 11:28

Tgt Ion:165 Resp: 22039

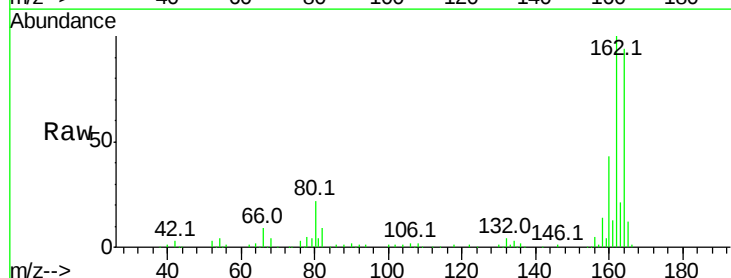
Ion Ratio Lower Upper

165 100

63 0.0 36.4 54.6#

89 0.0 57.8 86.6#

182 0.0 1.6 2.4#

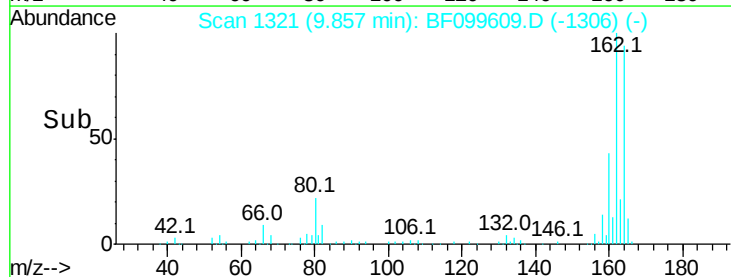
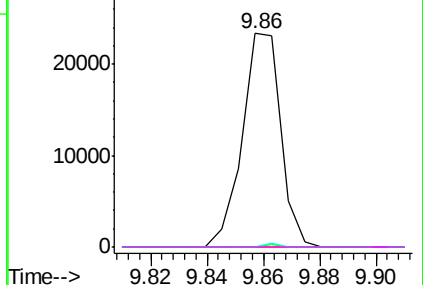


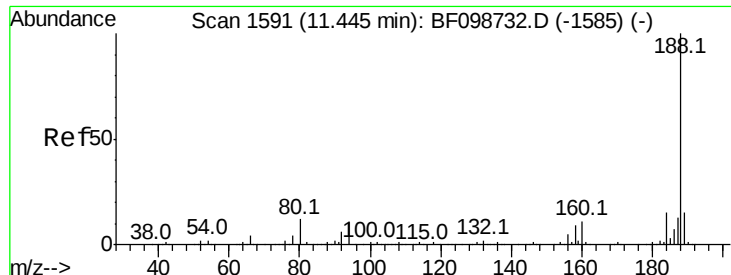
Abundance Ion 165.00 (164.70 to 165.70): E

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

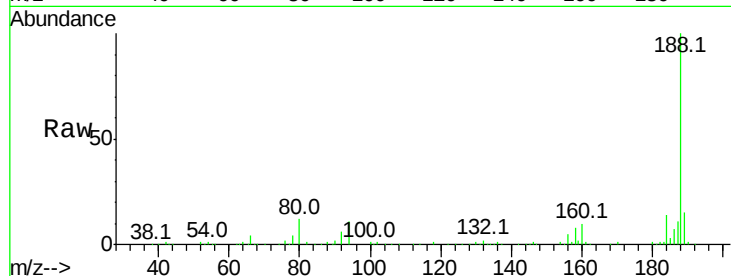




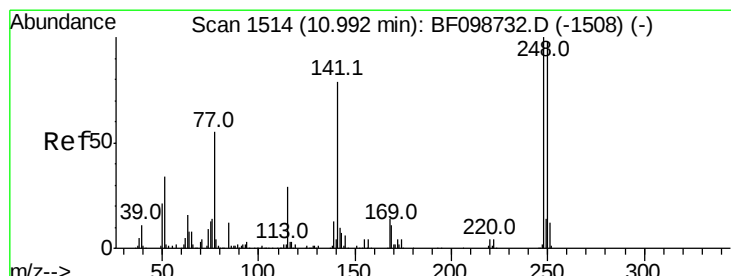
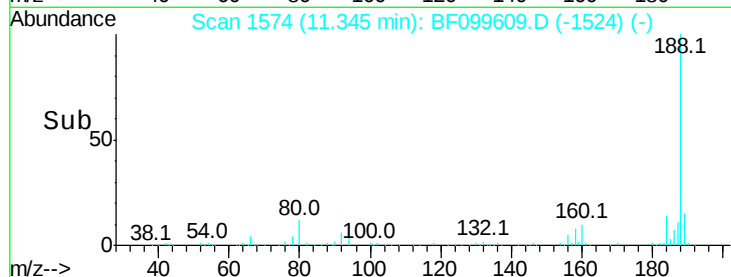
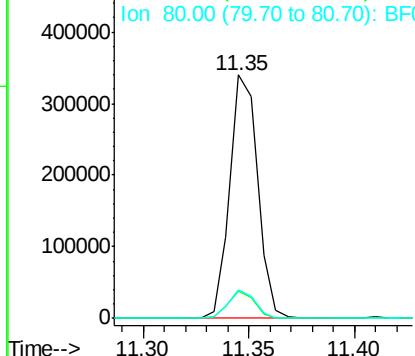
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.35 min Scan# 1574
Delta R.T. -0.01 min
Lab File: BF099609.D
Acq: 18 Oct 2017 11:28

Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 310018
Ion Ratio Lower Upper
188 100
94 11.1 8.5 12.7
80 11.6 9.2 13.8

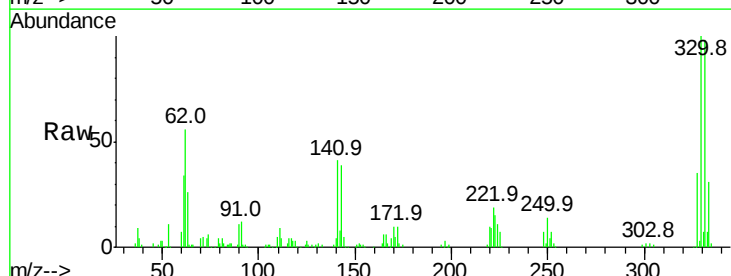


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

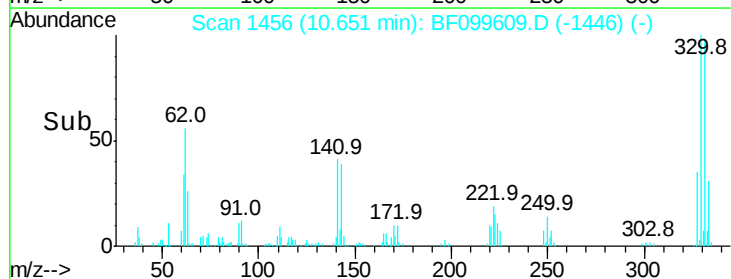
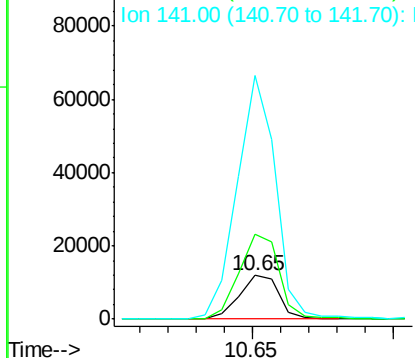


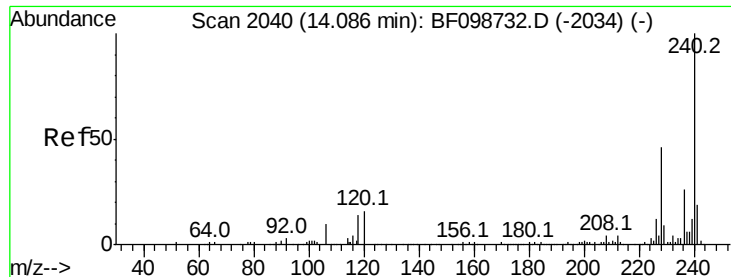
#66
4-Bromophenyl-phenylether
Concen: 3.804 ng
RT: 10.65 min Scan# 1456
Delta R.T. -0.24 min
Lab File: BF099609.D
Acq: 18 Oct 2017 11:28

Tgt Ion:248 Resp: 11542
Ion Ratio Lower Upper
248 100
250 194.7 76.9 115.3#
141 558.1 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

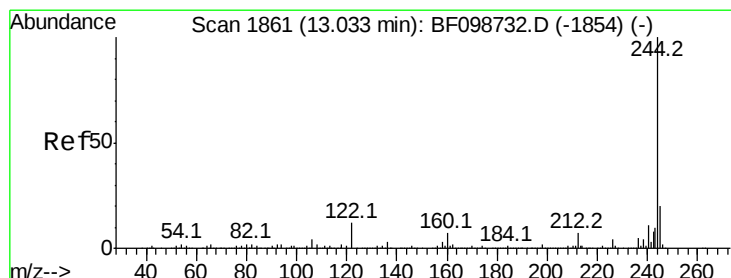
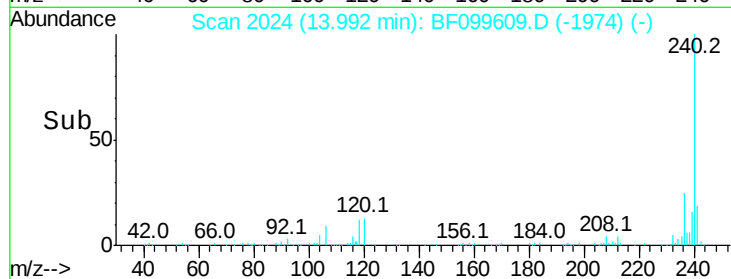
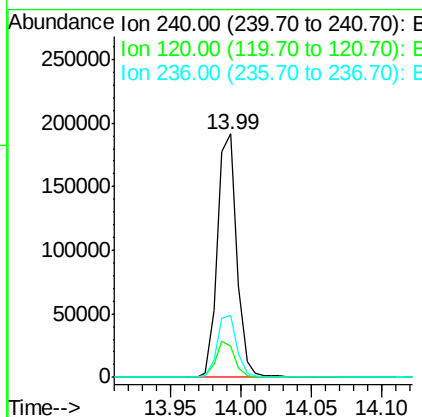
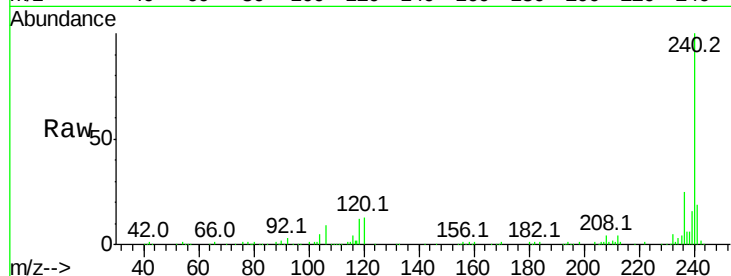




#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.99 min Scan# 2024
 Delta R.T. -0.01 min
 Lab File: BF099609.D
 Acq: 18 Oct 2017 11:28

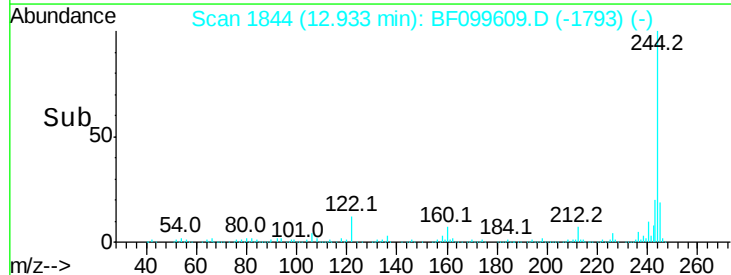
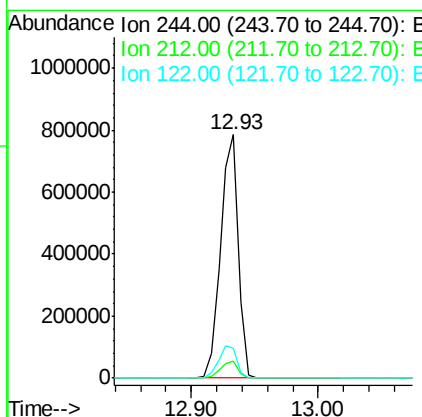
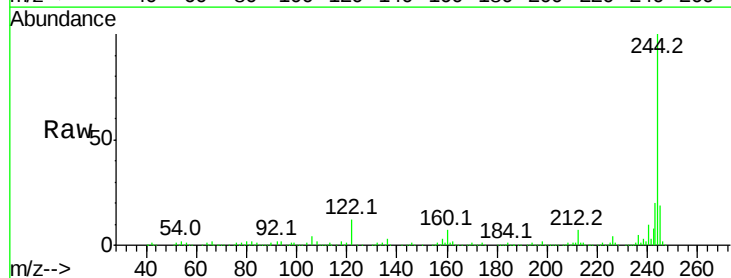
Instrument :
 BNA_F
 ClientSampleId :

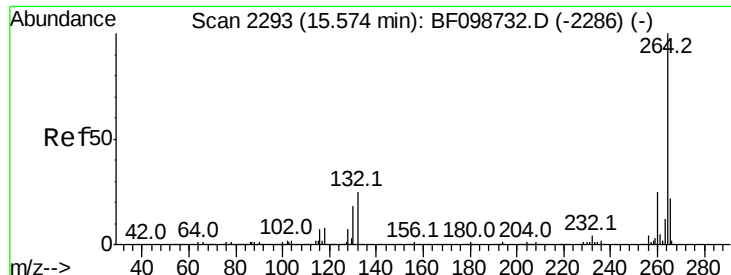
Tot Ion:240 Resp: 183700
 Ion Ratio Lower Upper
 240 100
 120 12.9 9.5 14.3
 236 25.4 20.7 31.1



#78
 Terphenyl-d14
 Concen: 94.926 ng
 RT: 12.93 min Scan# 1844
 Delta R.T. 0.00 min
 Lab File: BF099609.D
 Acq: 18 Oct 2017 11:28

Tgt Ion:244 Resp: 766770
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.4 8.0
 122 12.3 11.0 16.4

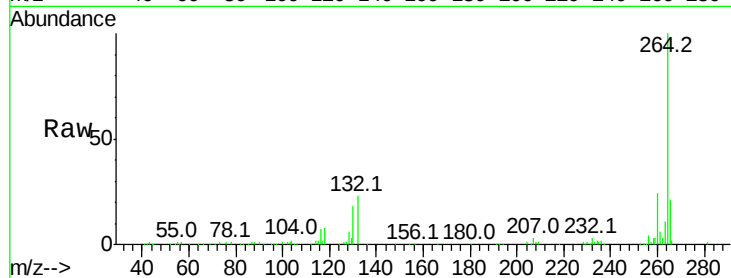




#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.45 min Scan# 2272
Delta R.T. -0.01 min
Lab File: BF099609.D
Acq: 18 Oct 2017 11:28

Instrument :
BNA_F
ClientSampleId :

Tot Ion:264 Resp: 149760
Ion Ratio Lower Upper
264 100
260 23.6 19.2 28.8
265 20.8 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

