

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101817\
 Data File : BF099658.D
 Acq On : 19 Oct 2017 11:02
 Operator : SJ/JU
 Sample : I5935-15
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 19 16:28:06 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

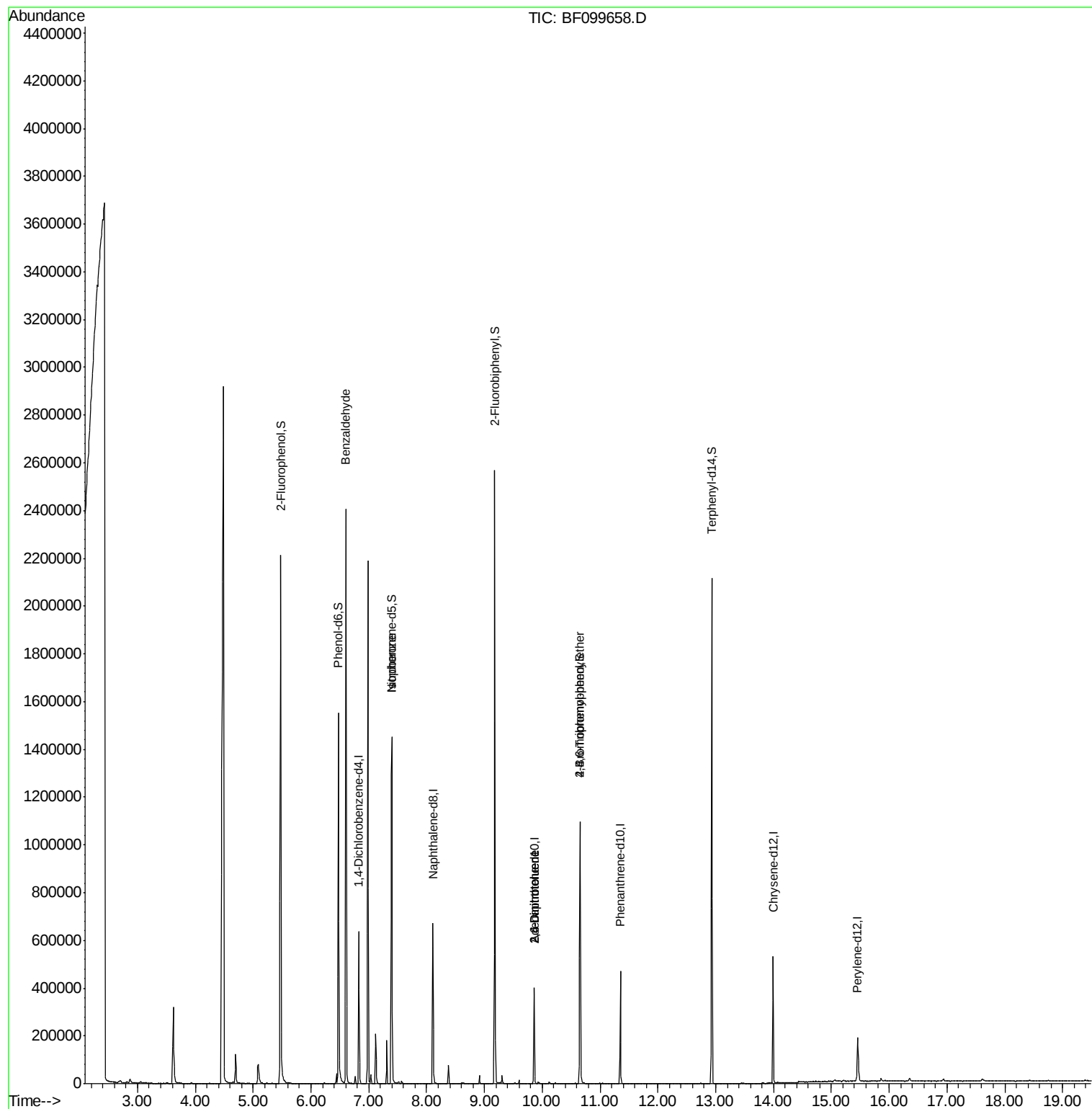
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	89658	20.00	ng	0.00
21) Naphthalene-d8	8.11	136	314959	20.00	ng	0.00
38) Acenaphthene-d10	9.86	164	76327	20.00	ng	-0.01
63) Phenanthrene-d10	11.35	188	164875	20.00	ng	0.00
75) Chrysene-d12	13.99	240	157906	20.00	ng	0.00
86) Perylene-d12	15.46	264	64025	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	724145	128.57	ng	0.02
7) Phenol-d6	6.47	99	523226	75.31	ng	0.00
23) Nitrobenzene-d5	7.40	82	511323	104.11	ng	0.00
41) 2,4,6-Tribromophenol	10.66	330	132425	212.03	ng	0.00
44) 2-Fluorobiphenyl	9.18	172	866796	189.58	ng	0.00
78) Terphenyl-d14	12.93	244	658032	94.77	ng	0.00
Target Compounds						
9) Benzaldehyde	6.60	77	13632	3.382	ng	91
25) Isophorone	7.40	82	511317	50.356	ng	# 64
50) 2,6-Dinitrotoluene	9.86	165	9492	7.568	ng	# 24
56) 2,4-Dinitrotoluene	9.86	165	9492	5.832	ng	# 21
66) 4-Bromophenyl-phenylether	10.65	248	9030	5.595	ng	# 1

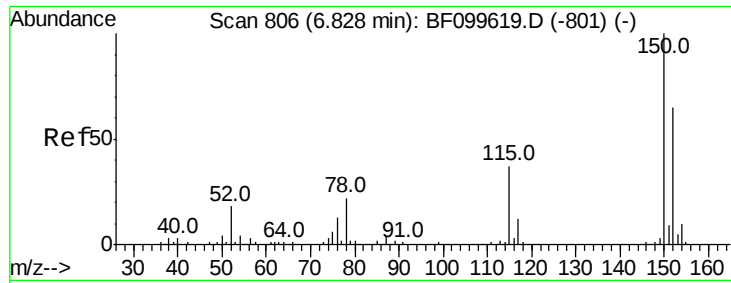
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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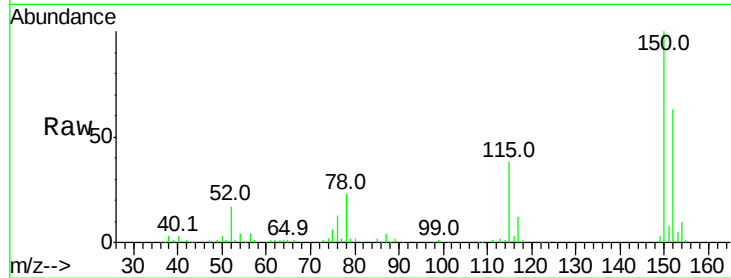


#1

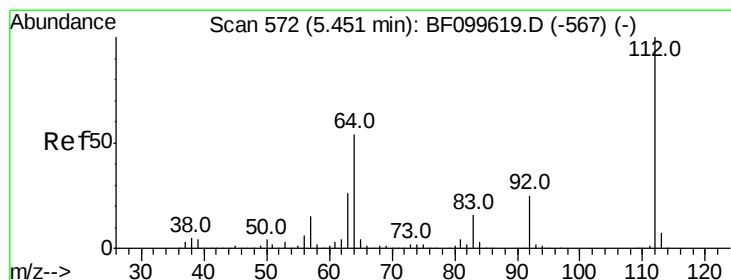
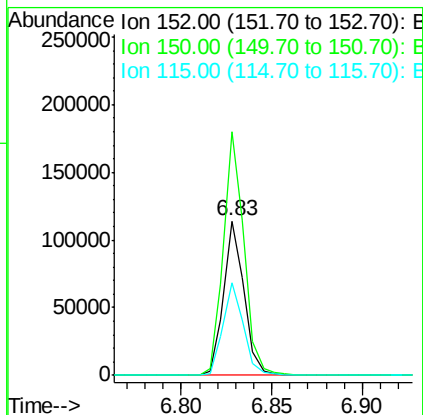
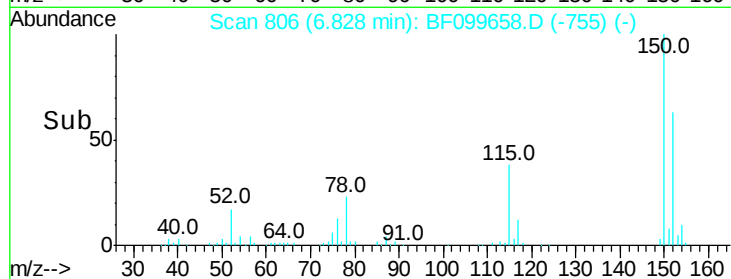
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 806
Delta R.T. 0.00 min
Lab File: BF099658.D
Acq: 19 Oct 2017 11:02

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 89658
Ion Ratio Lower Upper
152 100
150 157.7 124.6 186.8
115 59.8 50.1 75.1



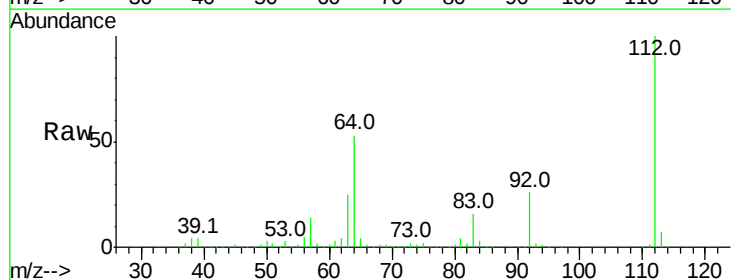
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



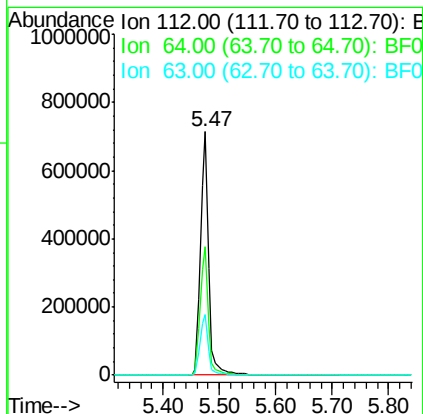
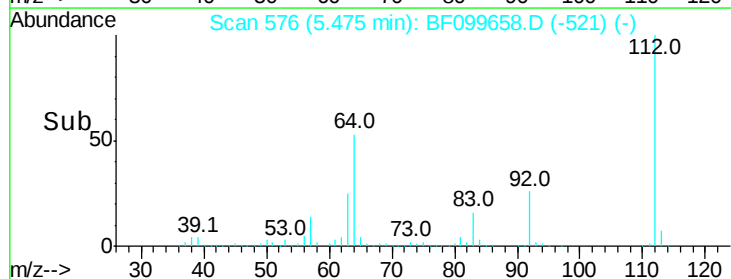
#5

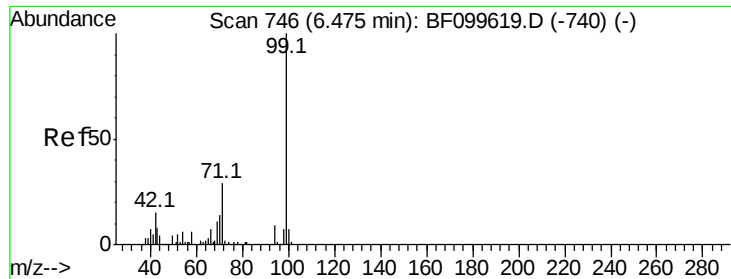
2-Fluorophenol
Concen: 128.574 ng
RT: 5.47 min Scan# 576
Delta R.T. 0.02 min
Lab File: BF099658.D
Acq: 19 Oct 2017 11:02

Tgt Ion:112 Resp: 724145
Ion Ratio Lower Upper
112 100
64 53.0 47.9 71.9
63 25.0 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: 75.307 ng

RT: 6.47 min Scan# 746

Delta R.T. -0.01 min

Lab File: BF099658.D

Acq: 19 Oct 2017 11:02

Instrument :

BNA_F

ClientSampleId :

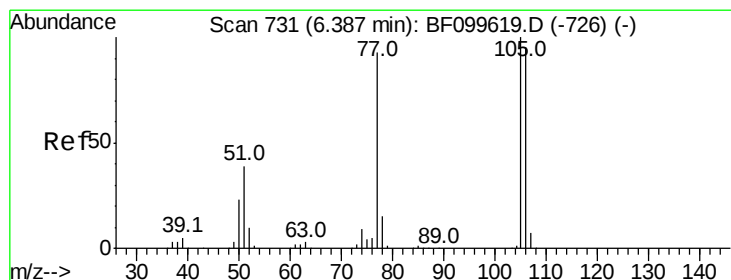
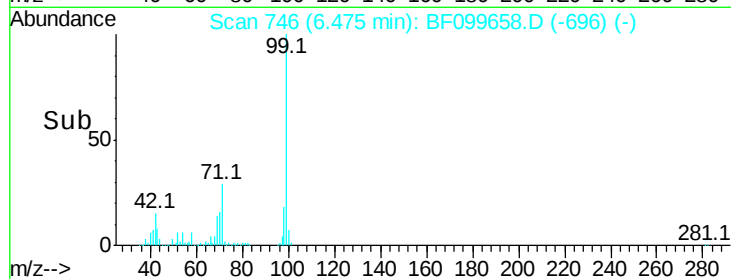
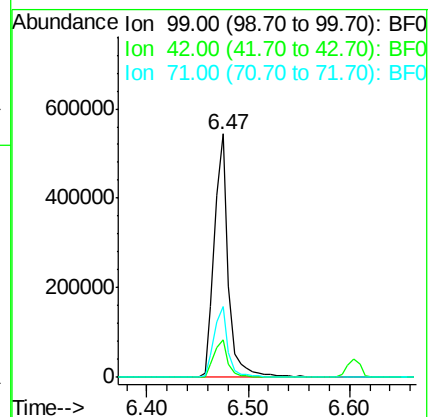
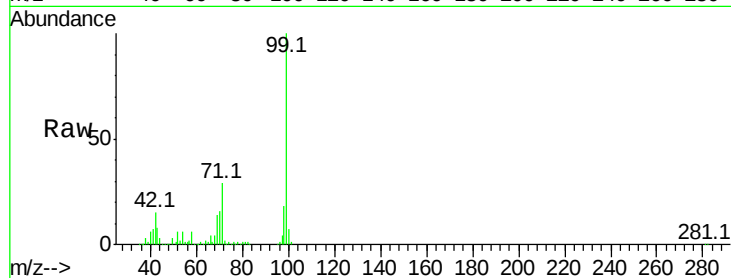
Tot Ion: 99 Resp: 523226

Ion Ratio Lower Upper

99 100

42 15.3 14.5 21.7

71 29.2 25.4 38.0



#9

Benzaldehyde

Concen: 3.382 ng

RT: 6.60 min Scan# 768

Delta R.T. 0.22 min

Lab File: BF099658.D

Acq: 19 Oct 2017 11:02

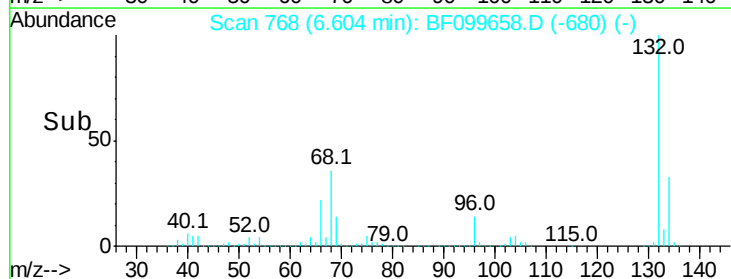
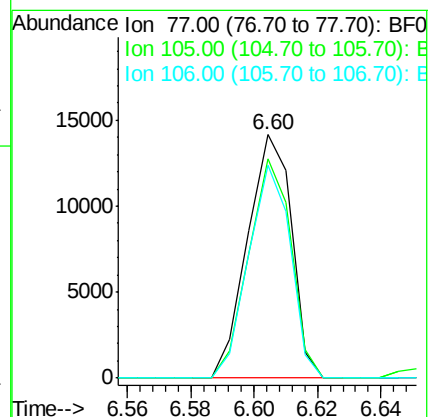
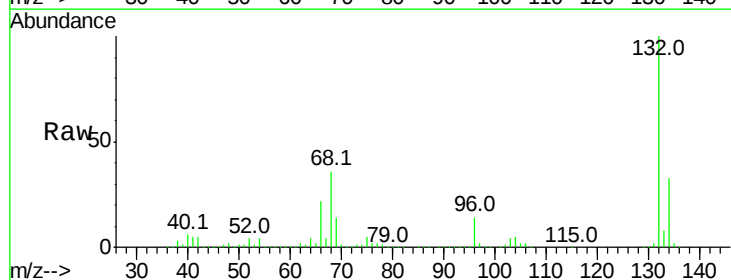
Tgt Ion: 77 Resp: 13632

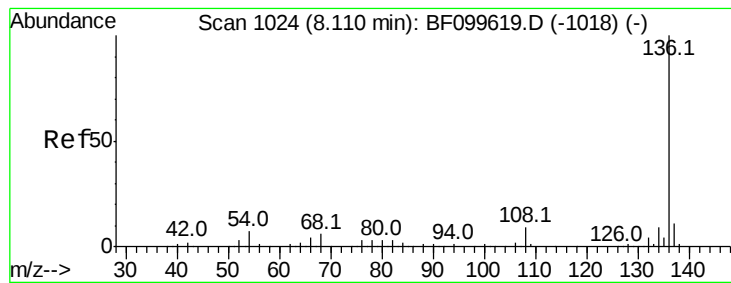
Ion Ratio Lower Upper

77 100

105 90.0 81.1 121.1

106 87.4 74.5 114.5





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.11 min Scan# 1024

Delta R.T. 0.00 min

Lab File: BF099658.D

Acq: 19 Oct 2017 11:02

Instrument :

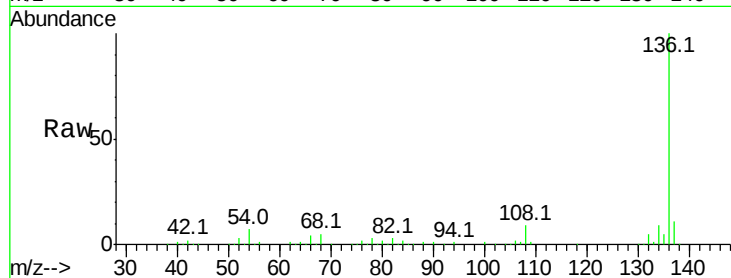
BNA_F

ClientSampleId :

Tot Ion:136 Resp: 314959

Ion Ratio Lower Upper

136	100		
137	10.9	8.9	13.3
54	6.5	6.6	9.8#
68	5.4	5.0	7.4

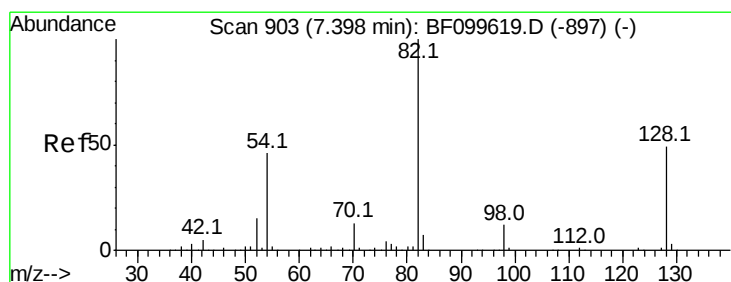
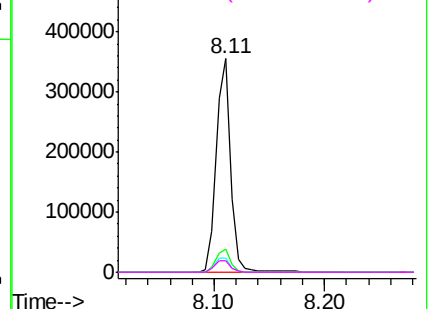
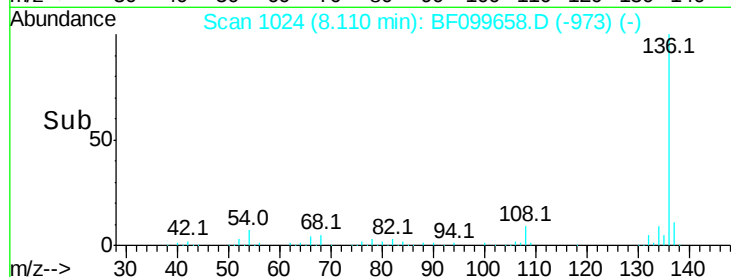


Abundance Ion 136.00 (135.70 to 136.70): E

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: 104.113 ng

RT: 7.40 min Scan# 903

Delta R.T. 0.00 min

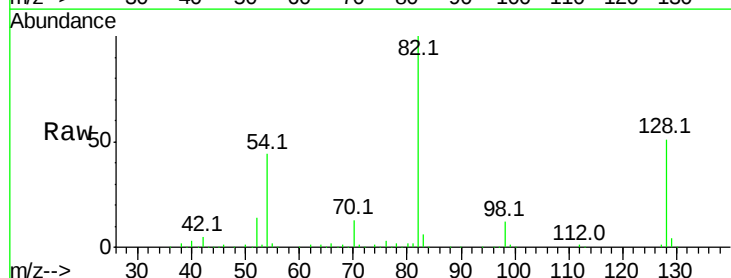
Lab File: BF099658.D

Acq: 19 Oct 2017 11:02

Tgt Ion: 82 Resp: 511323

Ion Ratio Lower Upper

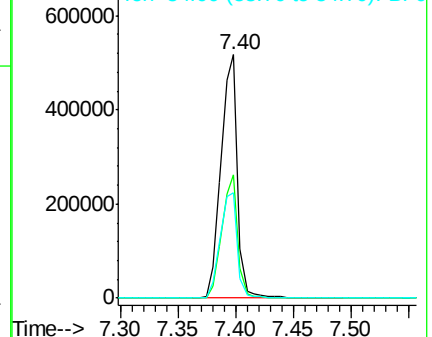
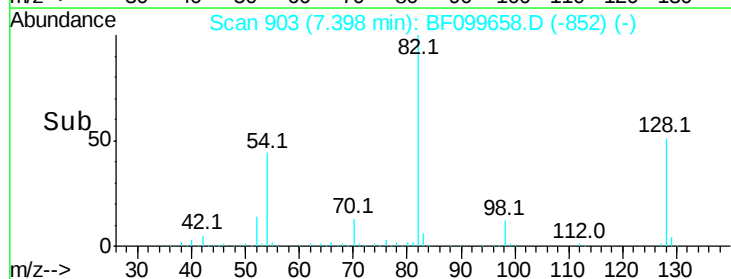
82	100		
128	50.9	36.1	54.1
54	43.5	41.4	62.2

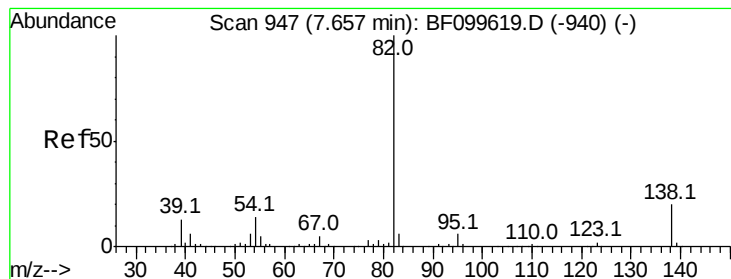


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#25

Isophorone

Concen: 50.356 ng

RT: 7.40 min Scan# 903

Delta R.T. -0.26 min

Lab File: BF099658.D

Acq: 19 Oct 2017 11:02

Instrument :

BNA_F

ClientSampleId :

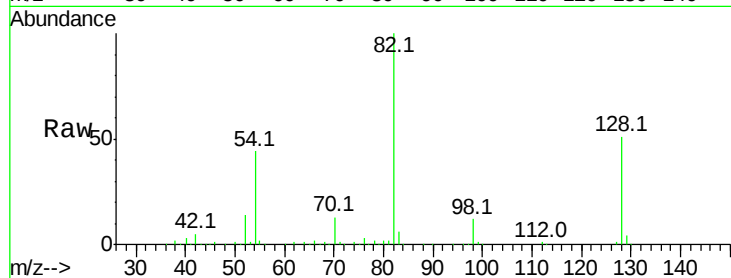
Tot Ion: 82 Resp: 511317

Ion Ratio Lower Upper

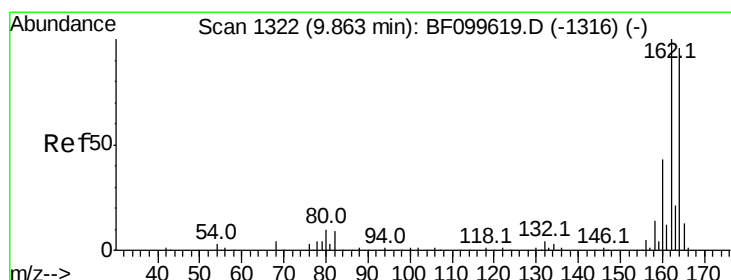
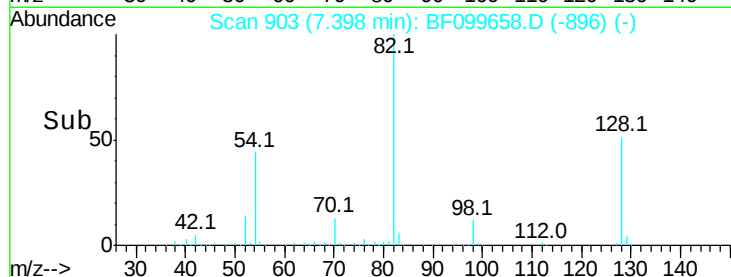
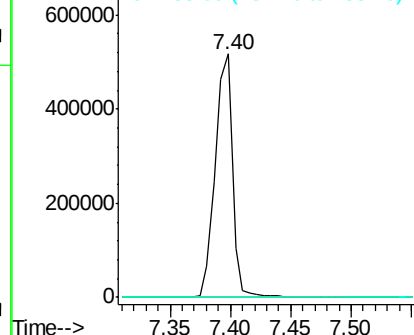
82 100

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: 9.86 min Scan# 1321

Delta R.T. -0.01 min

Lab File: BF099658.D

Acq: 19 Oct 2017 11:02

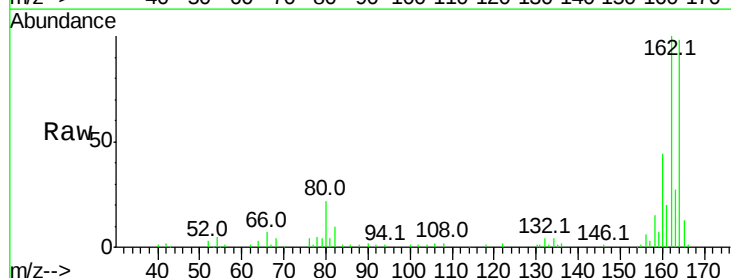
Tgt Ion:164 Resp: 76327

Ion Ratio Lower Upper

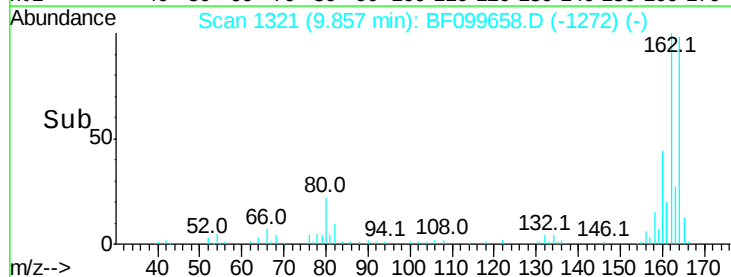
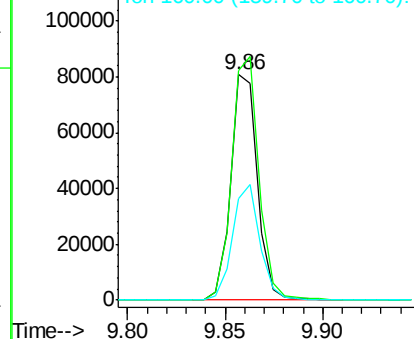
164 100

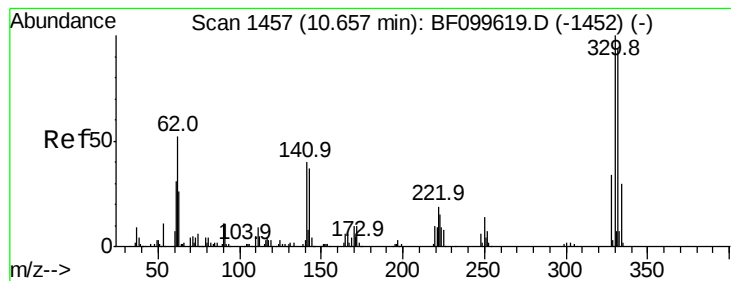
162 102.0 86.1 129.1

160 45.1 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: 212.029 ng

RT: 10.66 min Scan# 1457

Delta R.T. 0.00 min

Lab File: BF099658.D

Acq: 19 Oct 2017 11:02

Instrument :

BNA_F

ClientSampleId :

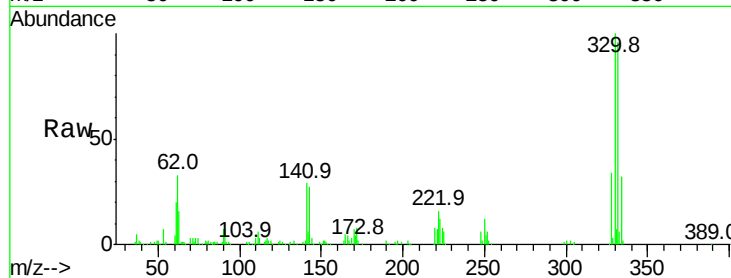
Tot Ion:330 Resp: 132425

Ion Ratio Lower Upper

330 100

332 96.6 77.0 115.6

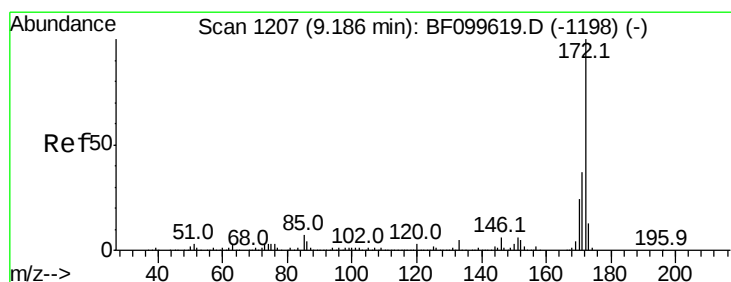
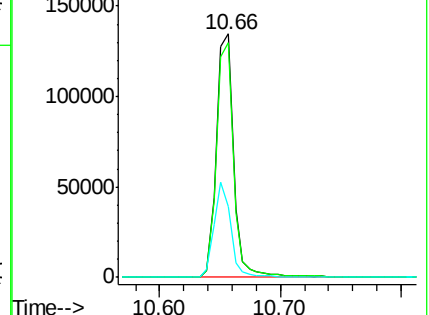
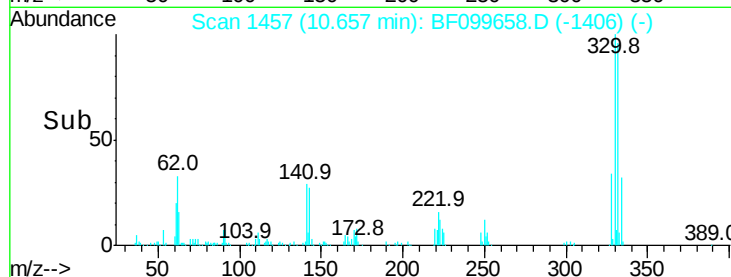
141 37.8 29.9 44.9



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: 189.585 ng

RT: 9.18 min Scan# 1206

Delta R.T. -0.01 min

Lab File: BF099658.D

Acq: 19 Oct 2017 11:02

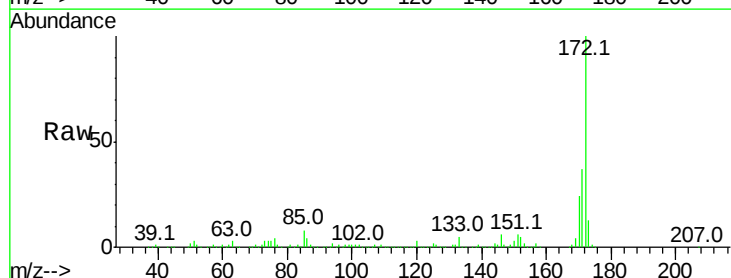
Tgt Ion:172 Resp: 866796

Ion Ratio Lower Upper

172 100

171 36.5 29.7 44.5

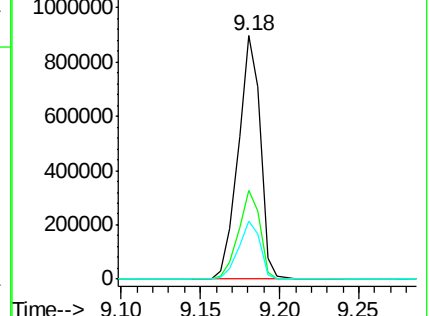
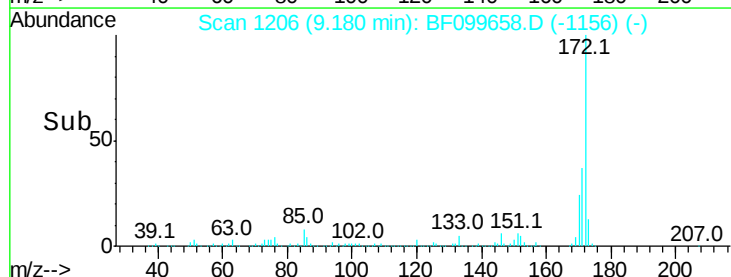
170 24.0 19.6 29.4

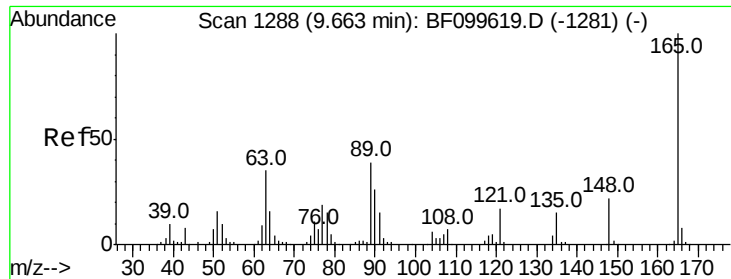


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

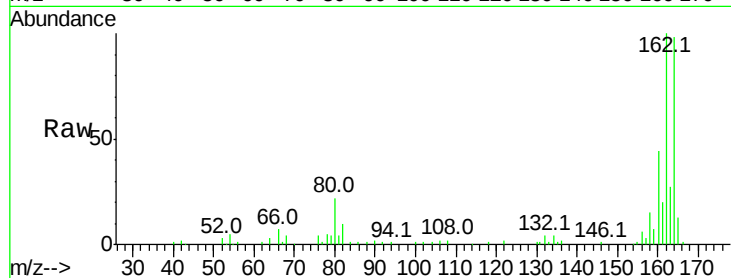




#50
 2,6-Dinitrotoluene
 Concen: 7.568 ng
 RT: 9.86 min Scan# 1321
 Delta R.T. 0.20 min
 Lab File: BF099658.D
 Acq: 19 Oct 2017 11:02

Instrument :
 BNA_F
 ClientSampled :

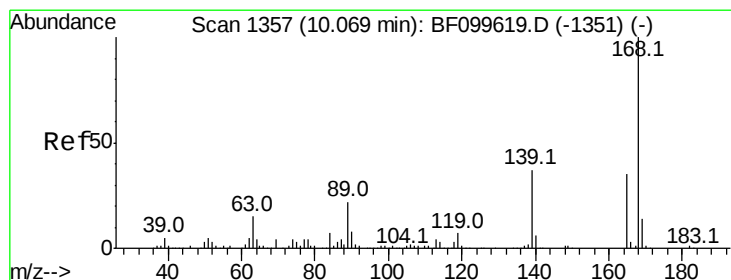
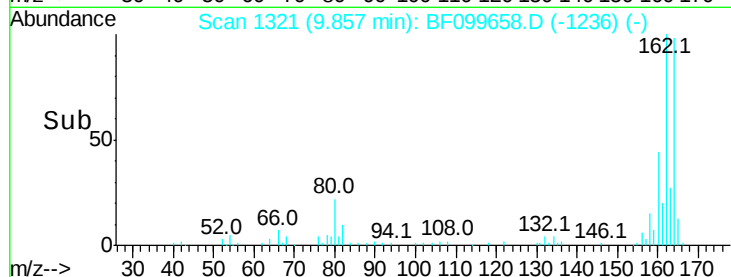
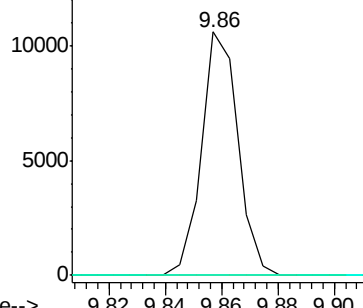
Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	44.7	67.1#
89	0.0	44.0	66.0#



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: 5.832 ng
 RT: 9.86 min Scan# 1321
 Delta R.T. -0.21 min
 Lab File: BF099658.D
 Acq: 19 Oct 2017 11:02

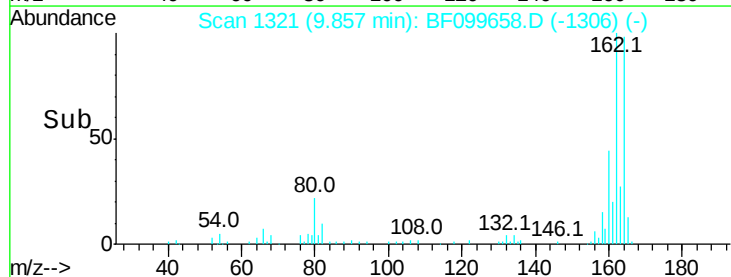
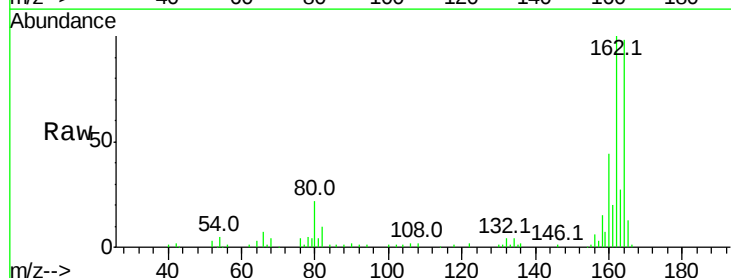
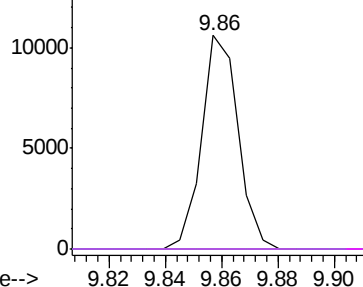
Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	36.4	54.6#
89	0.0	57.8	86.6#
182	0.0	1.6	2.4#

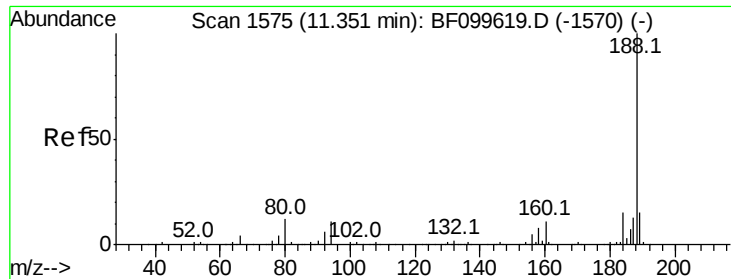
Abundance Ion 165.00 (164.70 to 165.70): E

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

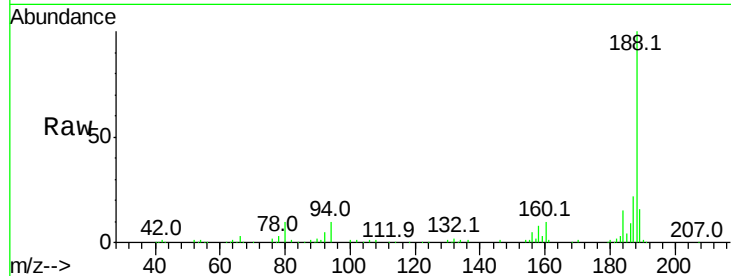




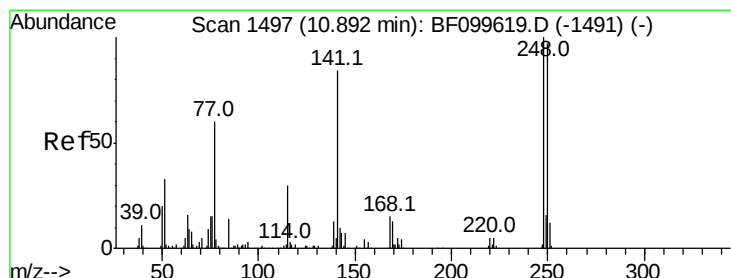
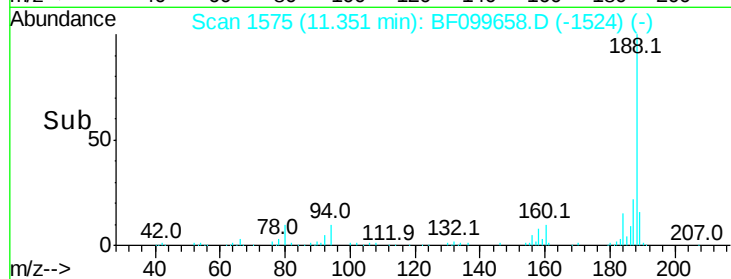
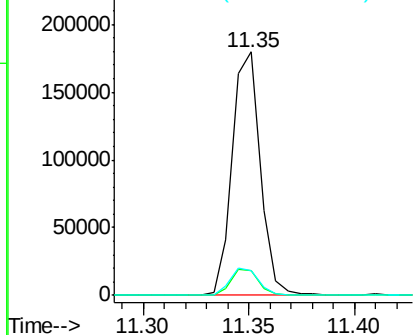
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.35 min Scan# 1575
 Delta R.T. 0.00 min
 Lab File: BF099658.D
 Acq: 19 Oct 2017 11:02

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:188 Resp: 164875
 Ion Ratio Lower Upper
 188 100
 94 10.1 8.5 12.7
 80 10.1 9.2 13.8

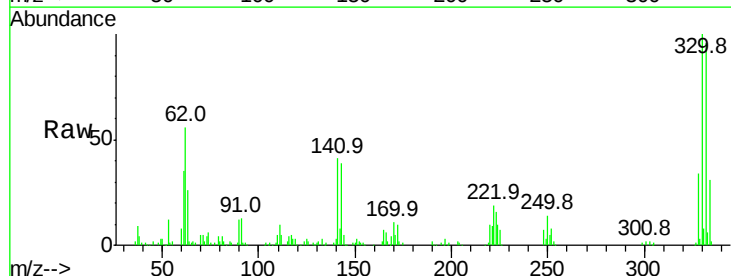


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

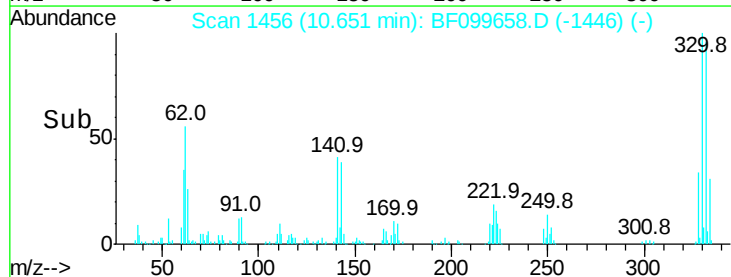
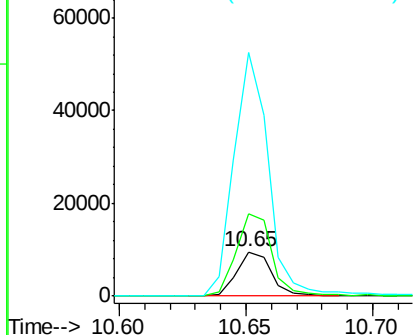


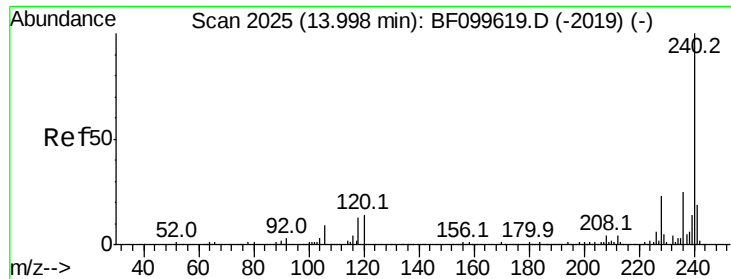
#66
 4-Bromophenyl-phenylether
 Concen: 5.595 ng
 RT: 10.65 min Scan# 1456
 Delta R.T. -0.24 min
 Lab File: BF099658.D
 Acq: 19 Oct 2017 11:02

Tgt Ion:248 Resp: 9030
 Ion Ratio Lower Upper
 248 100
 250 185.5 76.9 115.3#
 141 552.6 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

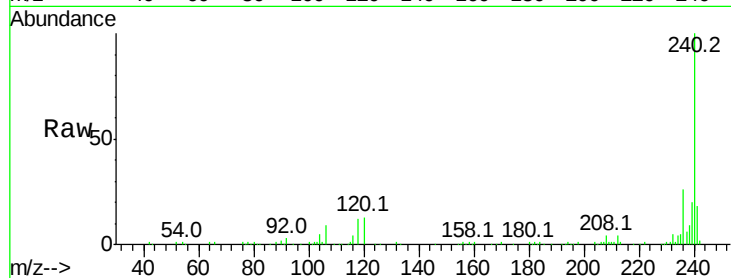




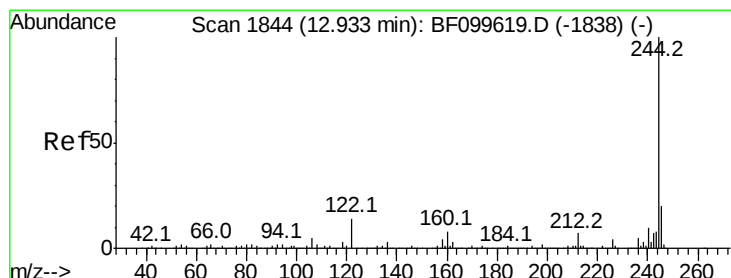
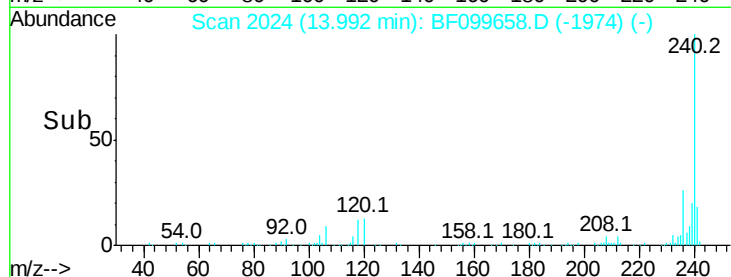
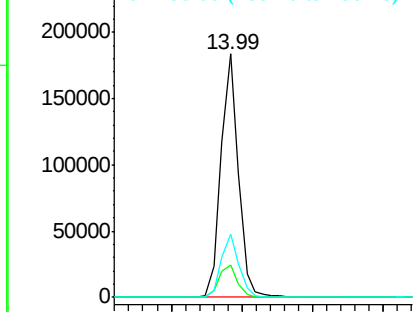
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.99 min Scan# 2024
 Delta R.T. -0.01 min
 Lab File: BF099658.D
 Acq: 19 Oct 2017 11:02

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:240 Resp: 157906
 Ion Ratio Lower Upper
 240 100
 120 13.1 9.5 14.3
 236 25.8 20.7 31.1

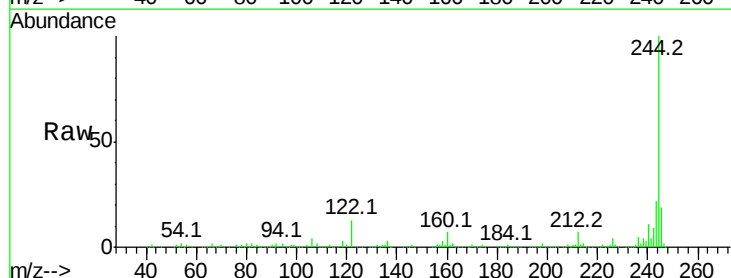


Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E

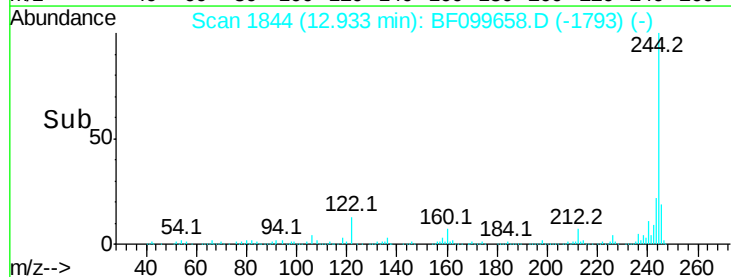
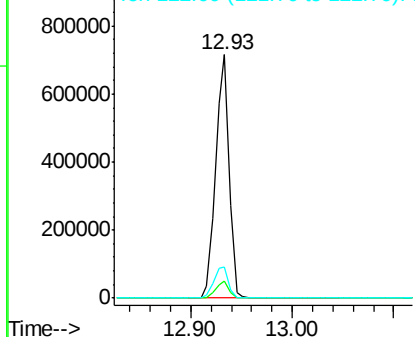


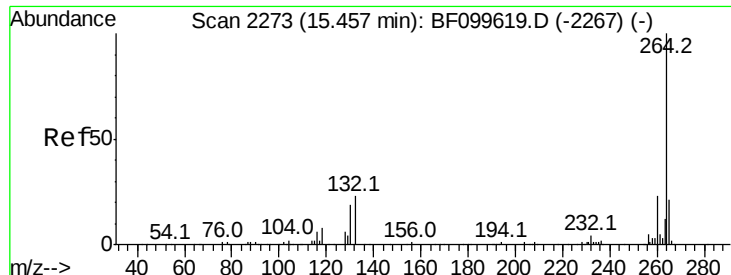
#78
 Terphenyl-d14
 Concen: 94.771 ng
 RT: 12.93 min Scan# 1844
 Delta R.T. 0.00 min
 Lab File: BF099658.D
 Acq: 19 Oct 2017 11:02

Tgt Ion:244 Resp: 658032
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.4 8.0
 122 12.8 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

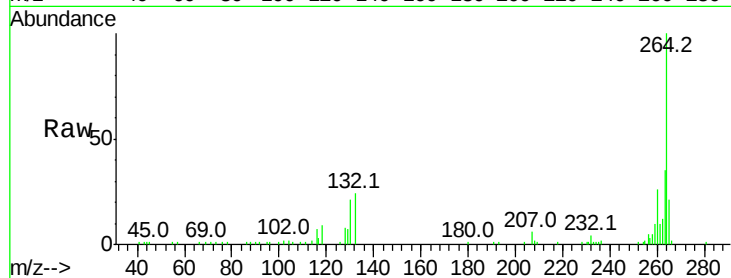




#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.46 min Scan# 2273
Delta R.T. 0.00 min
Lab File: BF099658.D
Acq: 19 Oct 2017 11:02

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	26.5	19.2	28.8
265	20.9	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

