

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101117\
 Data File : BF099357.D
 Acq On : 11 Oct 2017 21:08
 Operator : SJ/JU
 Sample : I5710-02
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 12 00:51:26 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 11 16:25:21 2017
 Response via : Initial Calibration

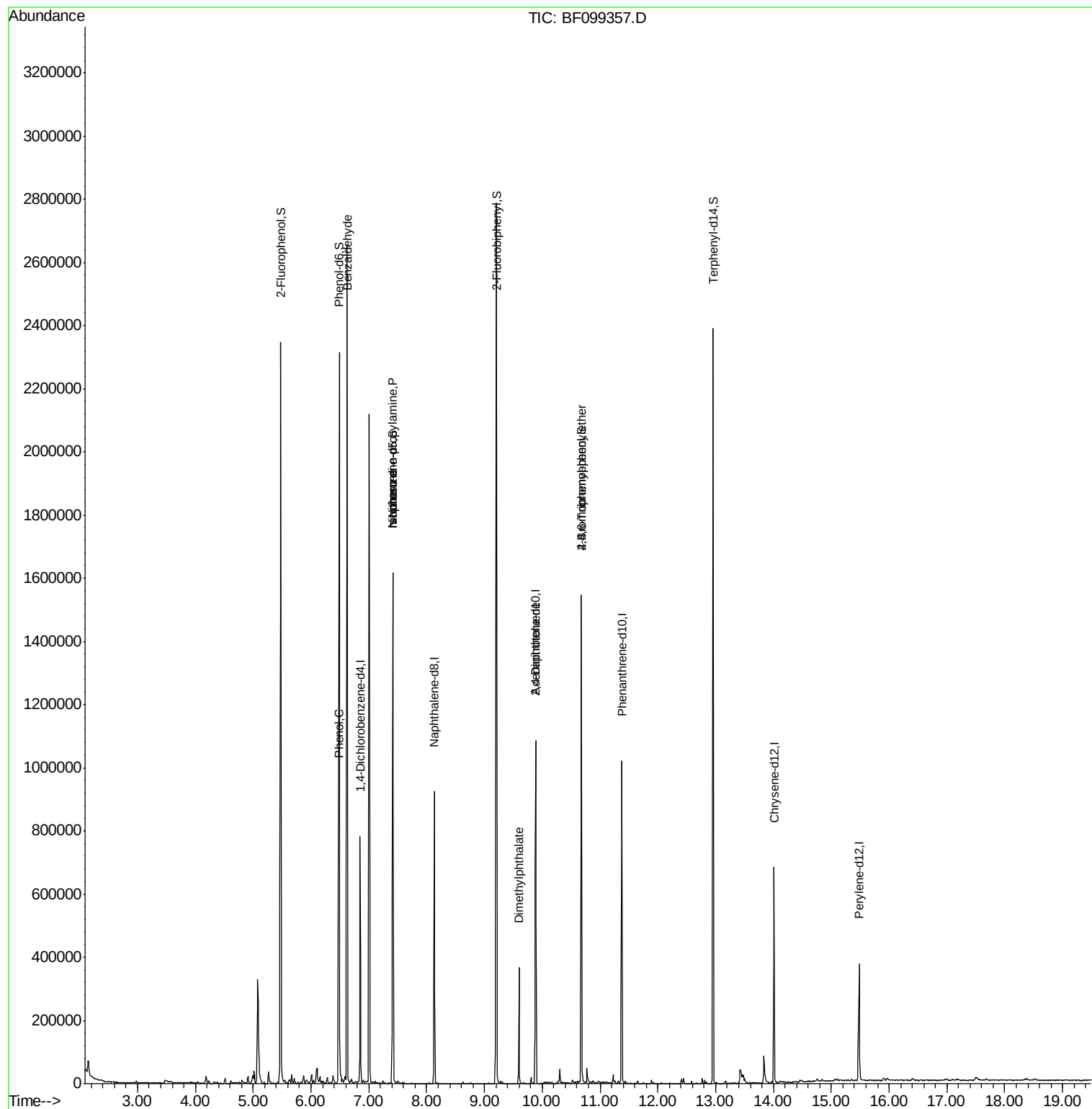
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	107357	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	443083	20.00	ng	0.00
38) Acenaphthene-d10	9.89	164	196620	20.00	ng	0.00
63) Phenanthrene-d10	11.37	188	343788	20.00	ng	0.00
75) Chrysene-d12	14.01	240	205336	20.00	ng	0.00
86) Perylene-d12	15.48	264	166615	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	784822	116.37	ng	0.00
7) Phenol-d6	6.49	99	927372	111.47	ng	0.00
23) Nitrobenzene-d5	7.42	82	565141	81.80	ng	0.00
41) 2,4,6-Tribromophenol	10.68	330	193180	120.07	ng	0.00
44) 2-Fluorobiphenyl	9.21	172	1006448	85.45	ng	0.00
78) Terphenyl-d14	12.96	244	767066	84.96	ng	0.00
Target Compounds						
9) Benzaldehyde	6.62	77	15628	3.24	ng	Qvalue 86
10) Phenol	6.50	94	25292	2.72	ng	97
19) n-Nitroso-di-n-propylamine	7.42	70	71042	13.37	ng	# 74
25) Isophorone	7.42	82	565133	39.56	ng	# 64
49) Dimethylphthalate	9.60	163	135023	9.10	ng	98
56) 2,4-Dinitrotoluene	9.89	165	24765	5.91	ng	# 23
66) 4-Bromophenyl-phenylether	10.68	248	13297	3.95	ng	# 1

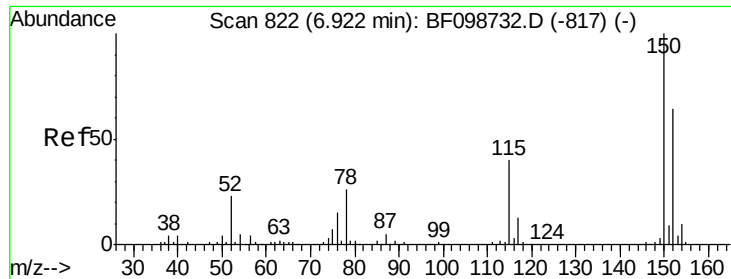
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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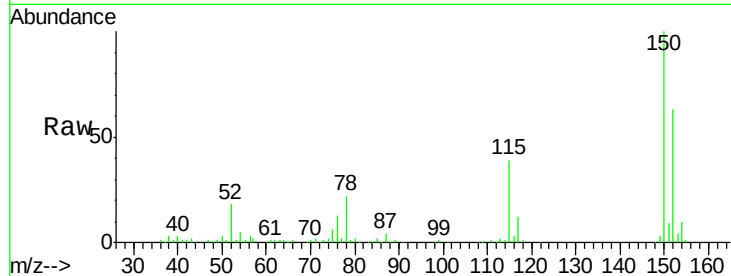


#1

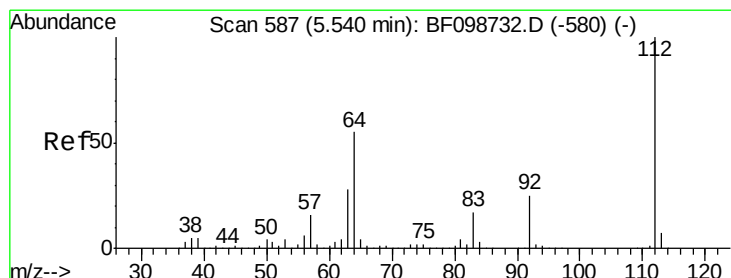
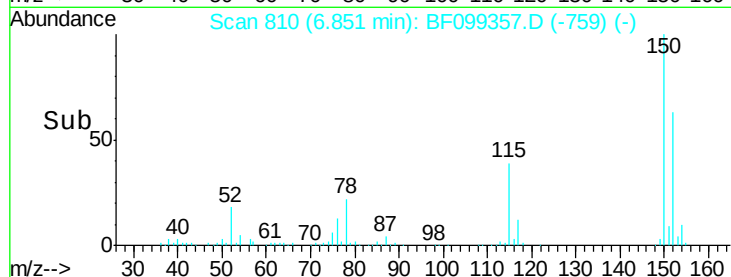
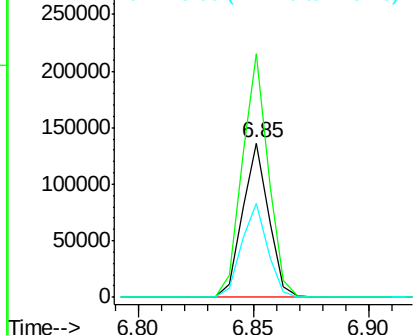
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.85 min Scan# 810
Delta R.T. 0.00 min
Lab File: BF099357.D
Acq: 11 Oct 2017 21:08

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.6	124.6	186.8
115	60.8	50.1	75.1



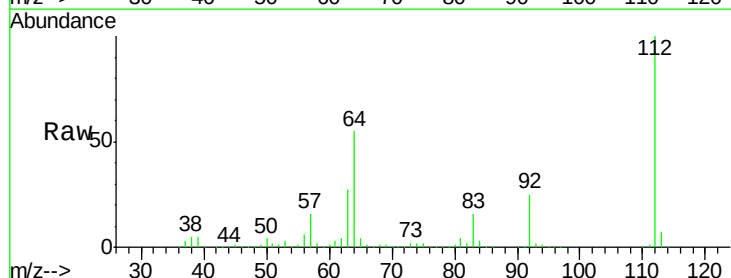
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



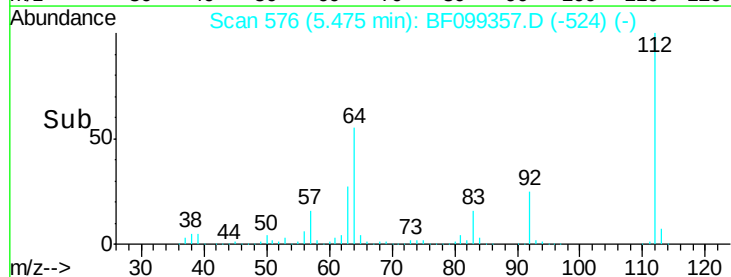
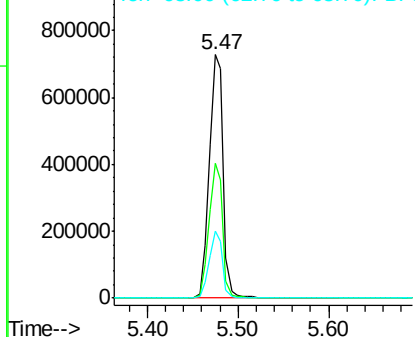
#5

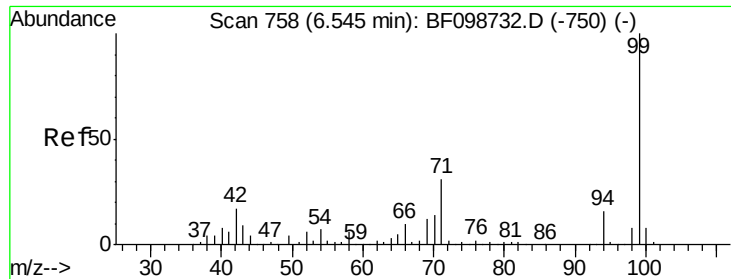
2-Fluorophenol
Concen: 116.37 ng
RT: 5.47 min Scan# 576
Delta R.T. 0.01 min
Lab File: BF099357.D
Acq: 11 Oct 2017 21:08

Tgt Ion	Ratio	Lower	Upper
112	100		
64	55.4	47.9	71.9
63	27.3	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: 111.47 ng

RT: 6.49 min Scan# 748

Delta R.T. 0.00 min

Lab File: BF099357.D

Acq: 11 Oct 2017 21:08

Instrument :

BNA_F

ClientSampled :

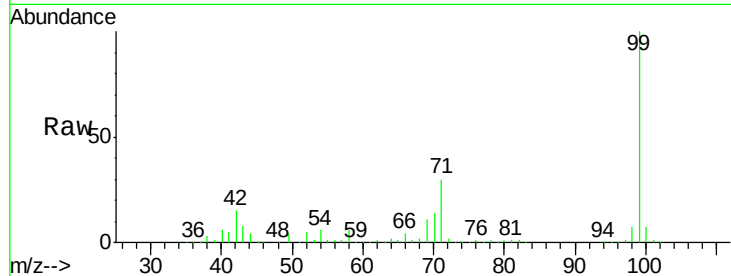
Tot Ion: 99 Resp: 927372

Ion Ratio Lower Upper

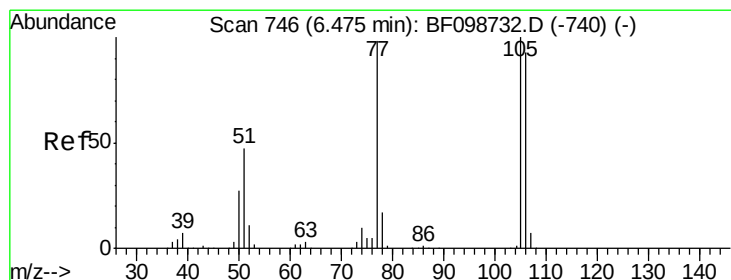
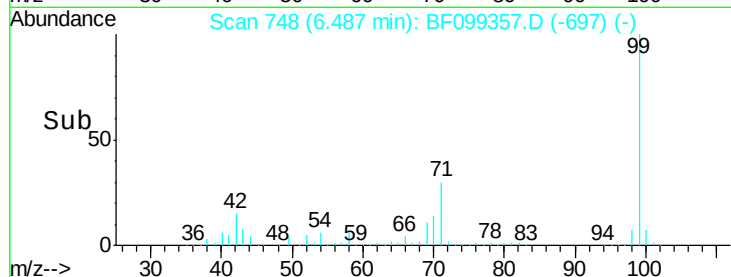
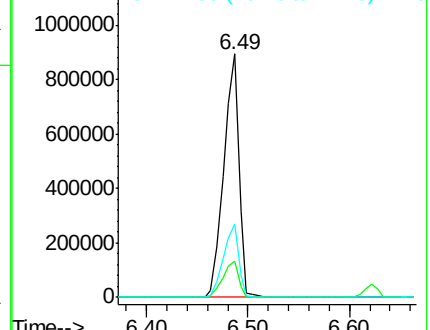
99 100

42 15.1 14.5 21.7

71 30.1 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



#9

Benzaldehyde

Concen: 3.24 ng

RT: 6.62 min Scan# 771

Delta R.T. 0.21 min

Lab File: BF099357.D

Acq: 11 Oct 2017 21:08

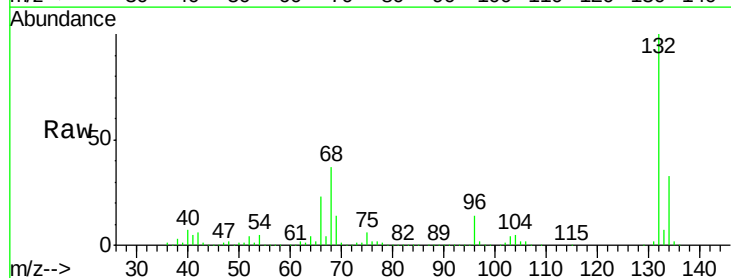
Tgt Ion: 77 Resp: 15628

Ion Ratio Lower Upper

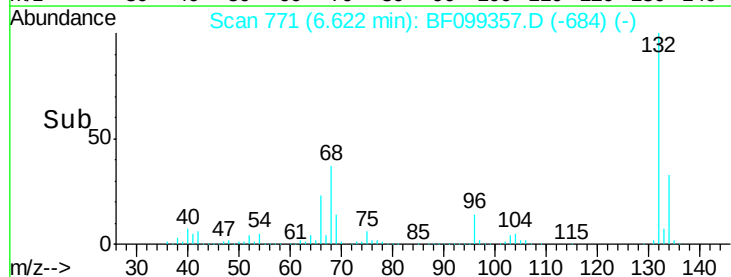
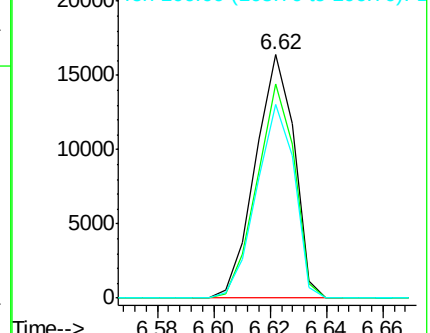
77 100

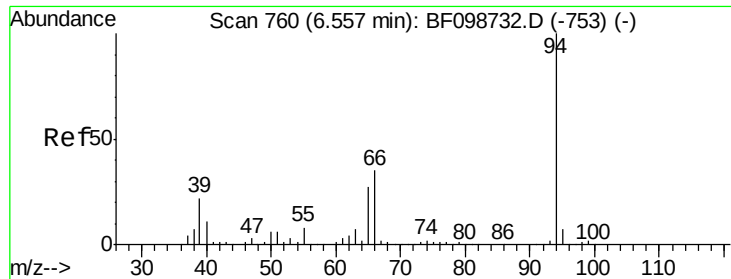
105 88.0 81.1 121.1

106 79.5 74.5 114.5



Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 105.00 (104.70 to 105.70): BF0
Ion 106.00 (105.70 to 106.70): BF0





#10

Phenol

Concen: 2.72 ng

RT: 6.50 min Scan# 750

Delta R.T. 0.00 min

Lab File: BF099357.D

Acq: 11 Oct 2017 21:08

Instrument :

BNA_F

ClientSampleId :

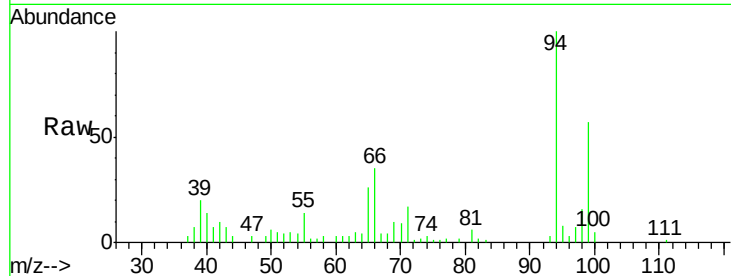
Tot Ion: 94 Resp: 25292

Ion Ratio Lower Upper

94 100

65 25.9 7.9 47.9

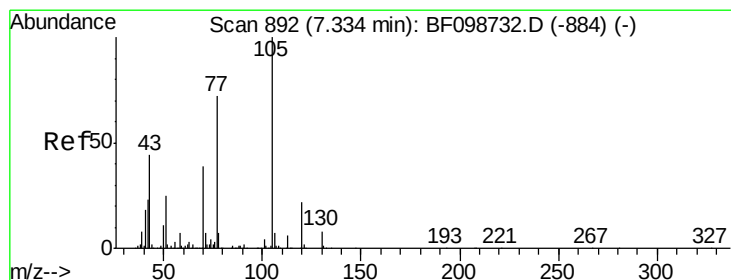
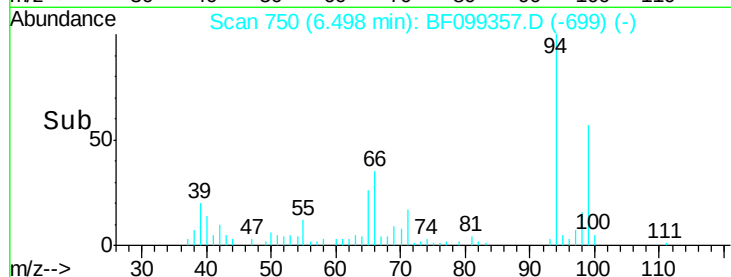
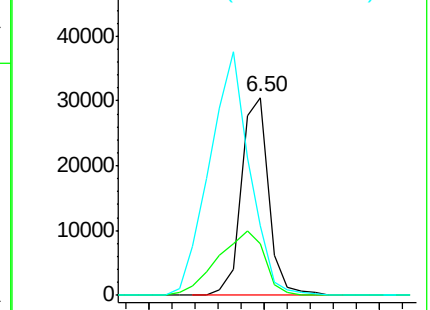
66 34.9 16.2 56.2



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: 13.37 ng

RT: 7.42 min Scan# 906

Delta R.T. 0.15 min

Lab File: BF099357.D

Acq: 11 Oct 2017 21:08

Tgt Ion: 70 Resp: 71042

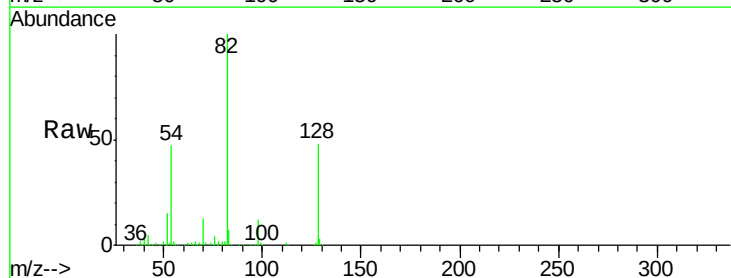
Ion Ratio Lower Upper

70 100

42 42.9 47.5 71.3#

101 0.0 7.4 11.2#

130 2.5 16.6 25.0#

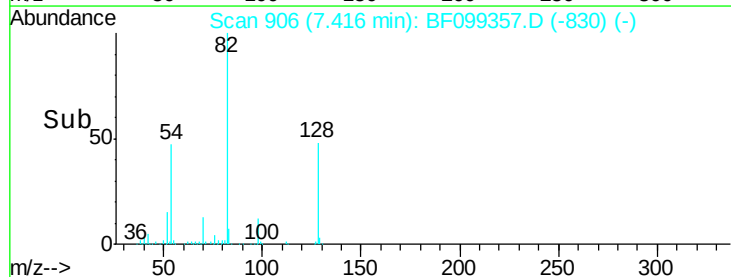
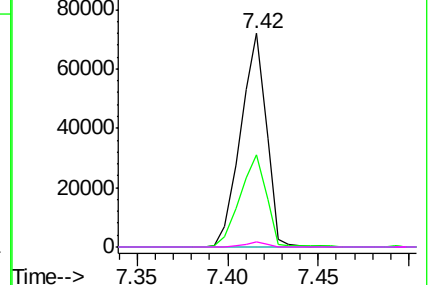


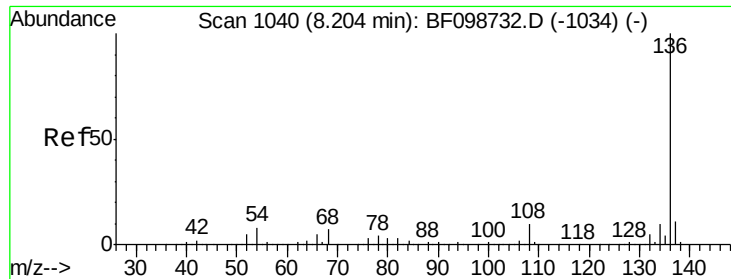
Abundance Ion 70.00 (69.70 to 70.70): BF0

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

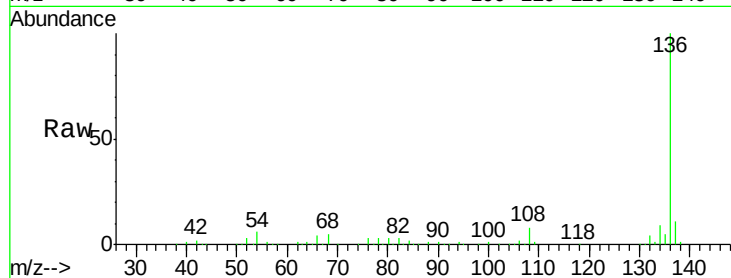




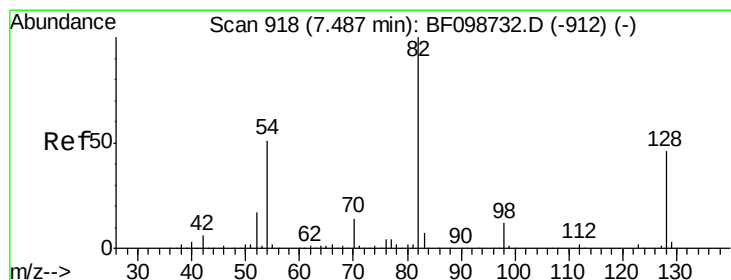
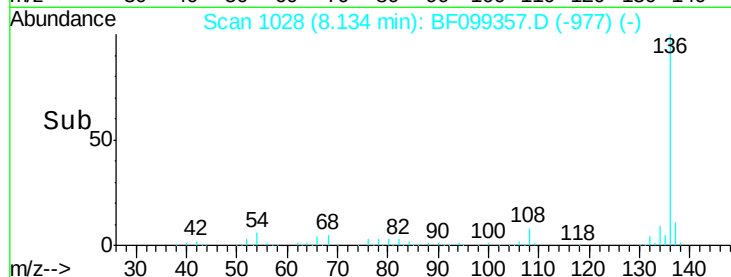
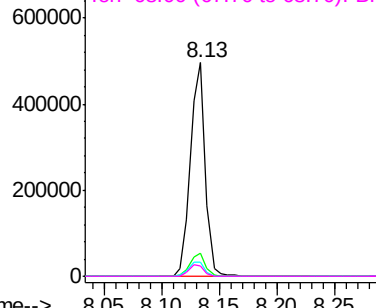
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.13 min Scan# 1028
Delta R.T. 0.00 min
Lab File: BF099357.D
Acq: 11 Oct 2017 21:08

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	443083
Ion Ratio	Lower	Upper
136	100	
137	10.9	8.9 13.3
54	6.3	6.6 9.8#
68	5.0	5.0 7.4

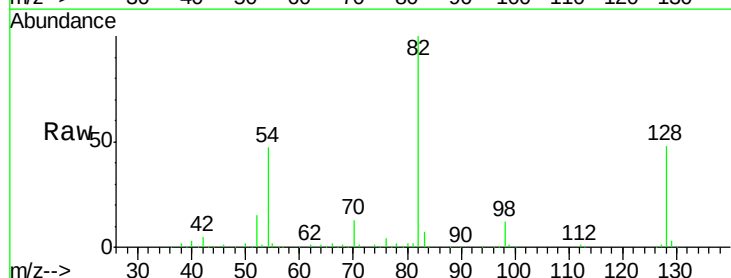


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

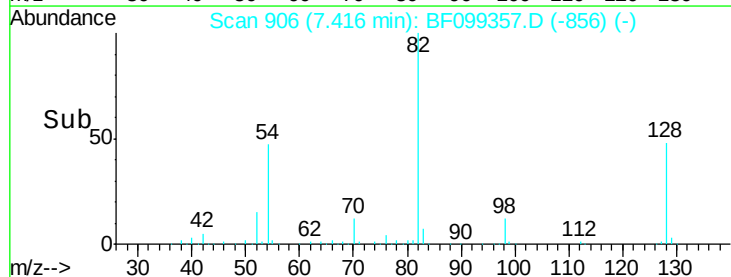
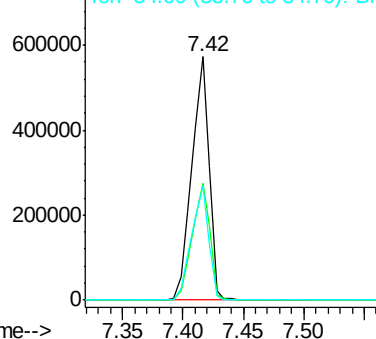


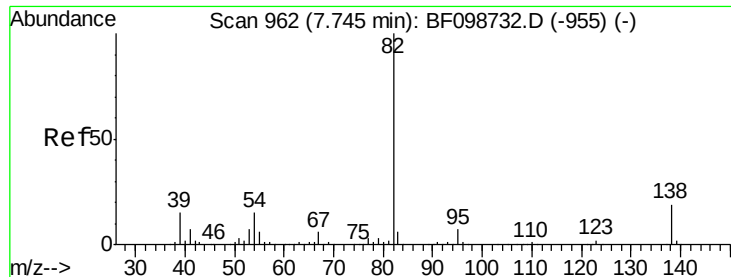
#23
Nitrobenzene-d5
Concen: 81.80 ng
RT: 7.42 min Scan# 906
Delta R.T. -0.01 min
Lab File: BF099357.D
Acq: 11 Oct 2017 21:08

Tgt Ion: 82	Resp:	565141
Ion Ratio	Lower	Upper
82	100	
128	48.1	36.1 54.1
54	47.0	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: 39.56 ng

RT: 7.42 min Scan# 906

Delta R.T. -0.26 min

Lab File: BF099357.D

Acq: 11 Oct 2017 21:08

Instrument :

BNA_F

ClientSampleId :

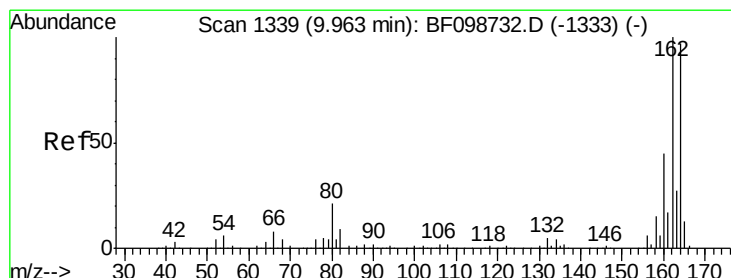
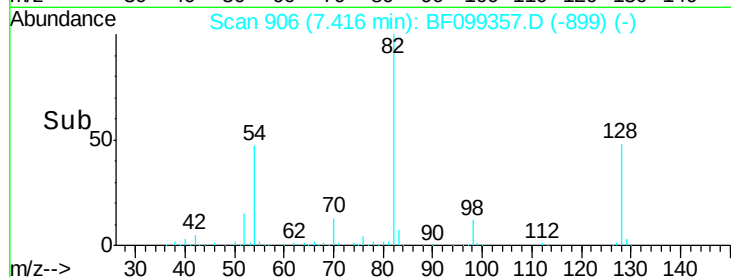
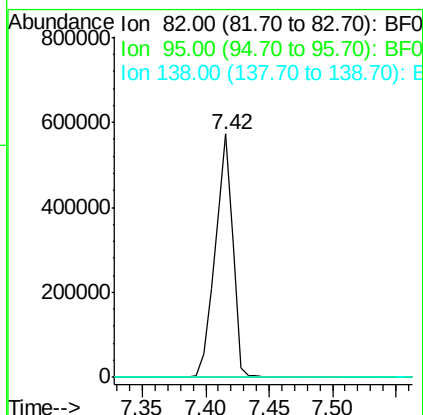
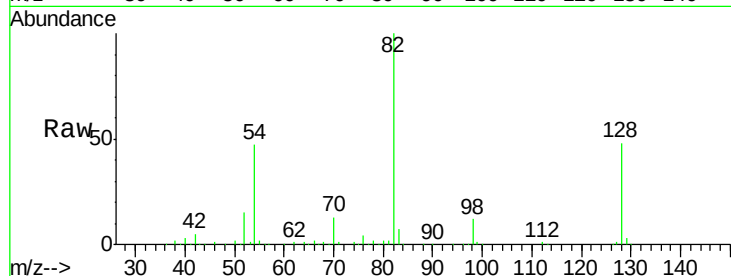
Tot Ion: 82 Resp: 565133

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

138 0.0 14.9 22.3#



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.89 min Scan# 1326

Delta R.T. -0.01 min

Lab File: BF099357.D

Acq: 11 Oct 2017 21:08

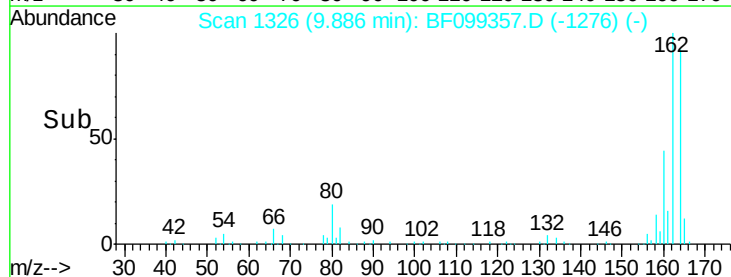
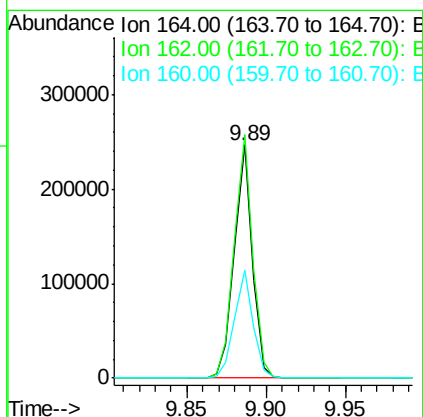
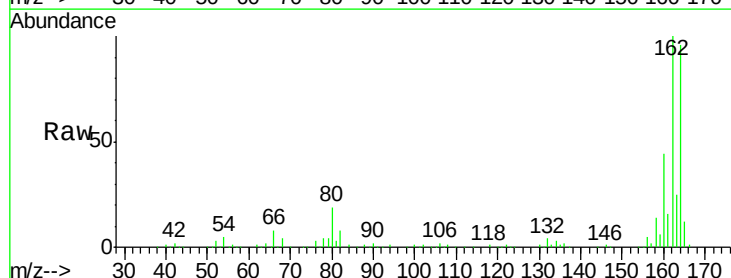
Tgt Ion: 164 Resp: 196620

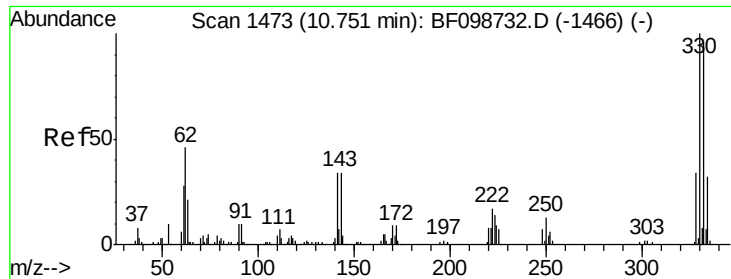
Ion Ratio Lower Upper

164 100

162 104.4 86.1 129.1

160 46.0 38.3 57.5





#41

2,4,6-Tribromophenol

Concen: 120.07 ng

RT: 10.68 min Scan# 1461

Delta R.T. 0.00 min

Lab File: BF099357.D

Acq: 11 Oct 2017 21:08

Instrument :

BNA_F

ClientSampleId :

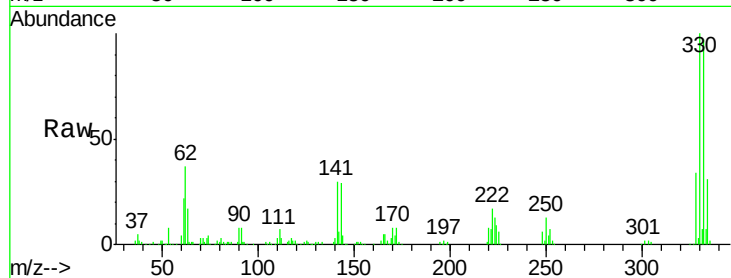
Tot Ion:330 Resp: 193180

Ion Ratio Lower Upper

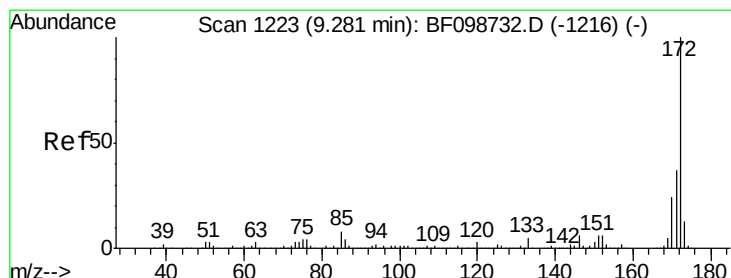
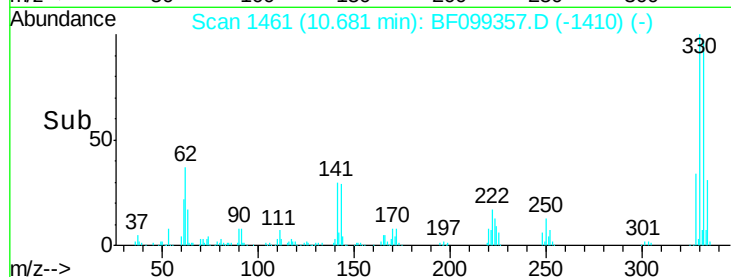
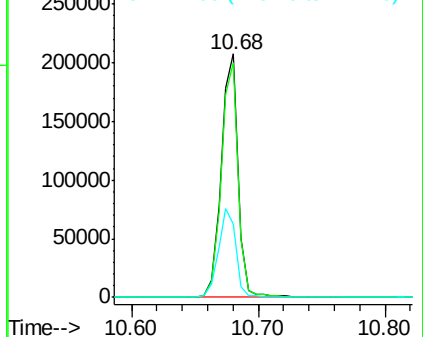
330 100

332 96.4 77.0 115.6

141 37.9 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: 85.45 ng

RT: 9.21 min Scan# 1211

Delta R.T. 0.00 min

Lab File: BF099357.D

Acq: 11 Oct 2017 21:08

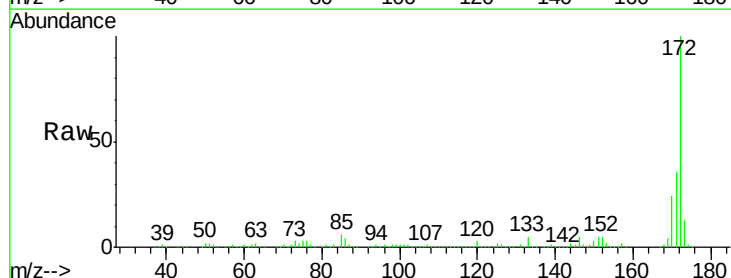
Tgt Ion:172 Resp: 1006448

Ion Ratio Lower Upper

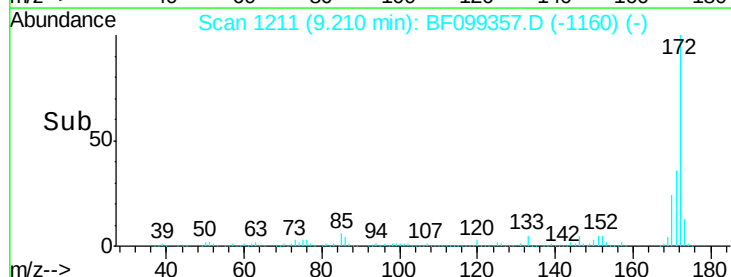
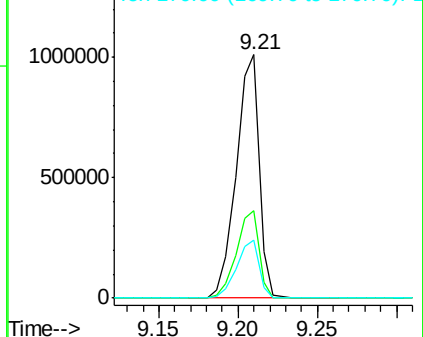
172 100

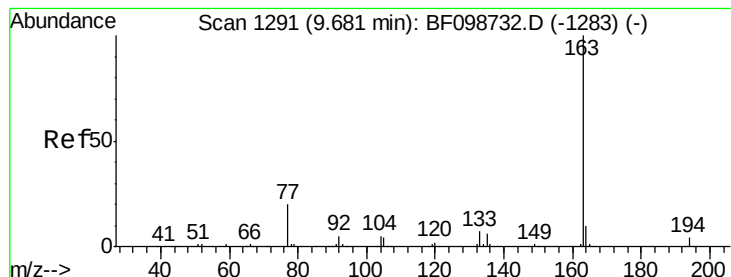
171 35.8 29.7 44.5

170 23.8 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





#49

Dimethylphthalate

Concen: 9.10 ng

RT: 9.60 min Scan# 1277

Delta R.T. -0.01 min

Lab File: BF099357.D

Acq: 11 Oct 2017 21:08

Instrument :

BNA_F

ClientSampleId :

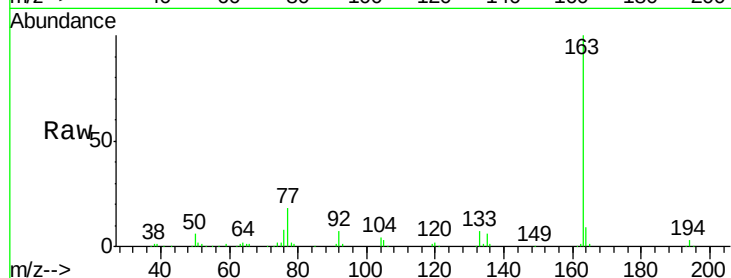
Tot Ion:163 Resp: 135023

Ion Ratio Lower Upper

163 100

194 3.2 2.7 4.1

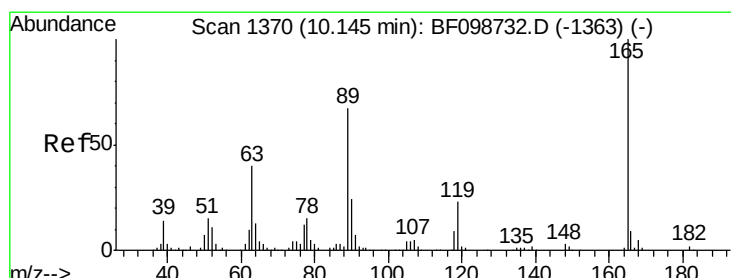
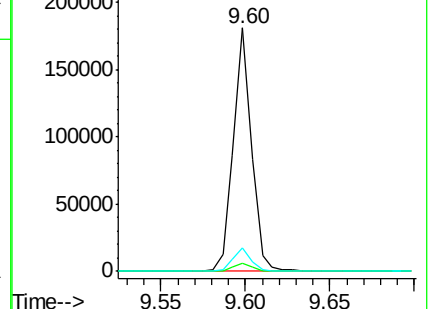
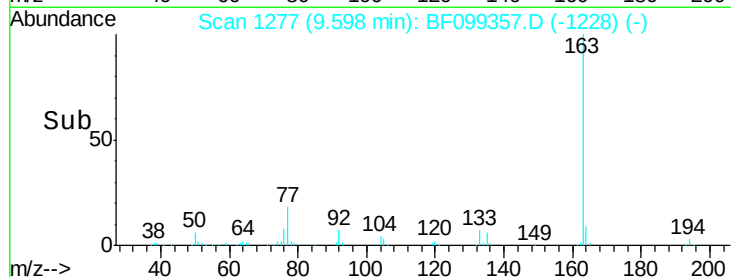
164 9.4 8.2 12.2



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#56

2,4-Dinitrotoluene

Concen: 5.91 ng

RT: 9.89 min Scan# 1326

Delta R.T. -0.20 min

Lab File: BF099357.D

Acq: 11 Oct 2017 21:08

Tgt Ion:165 Resp: 24765

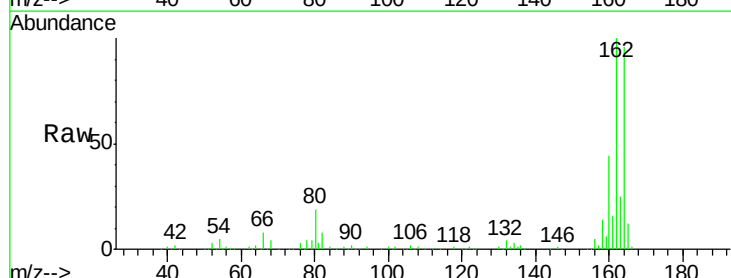
Ion Ratio Lower Upper

165 100

63 1.5 36.4 54.6#

89 1.0 57.8 86.6#

182 0.0 1.6 2.4#

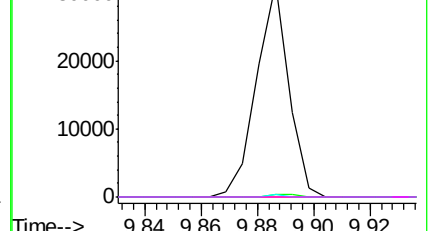
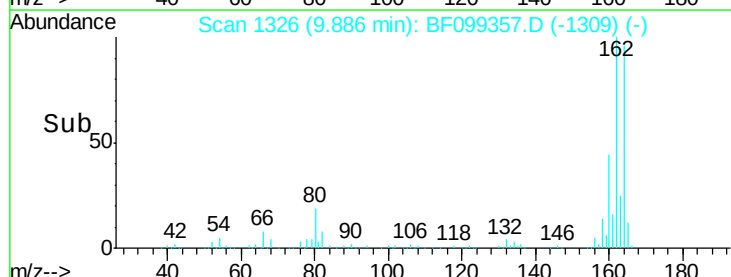


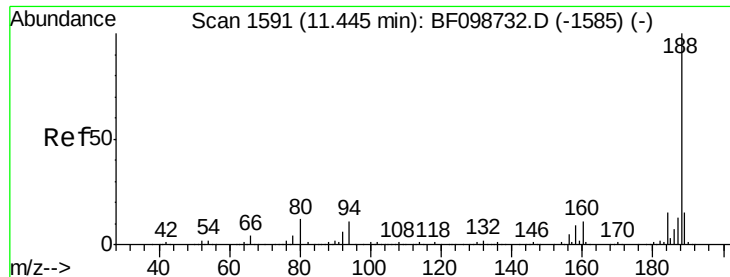
Abundance Ion 165.00 (164.70 to 165.70): E

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

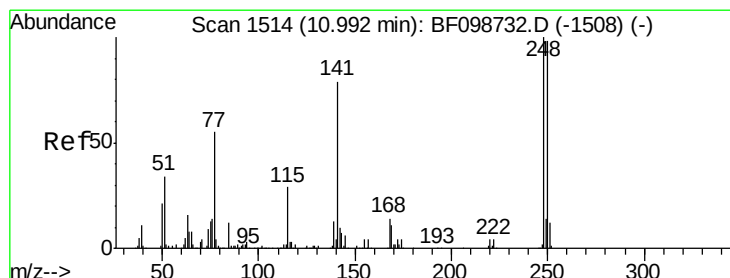
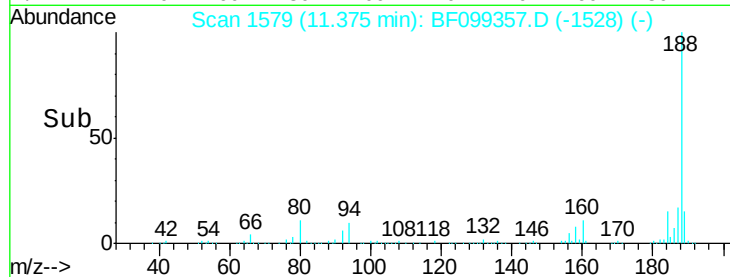
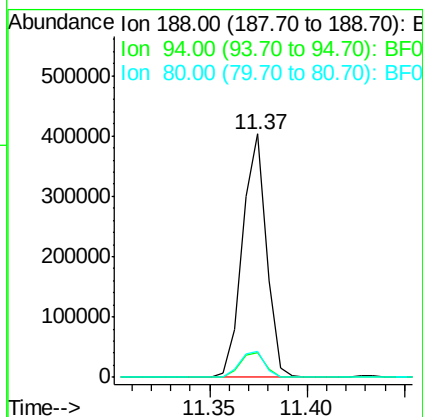
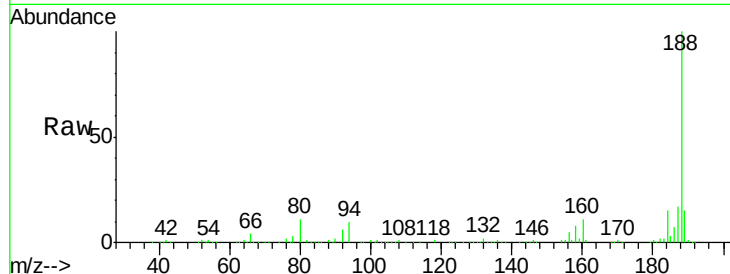




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.37 min Scan# 1579
Delta R.T. 0.00 min
Lab File: BF099357.D
Acq: 11 Oct 2017 21:08

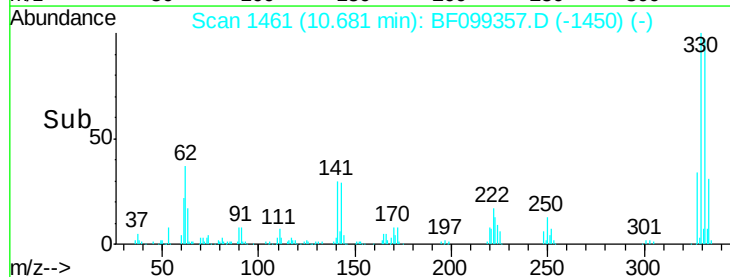
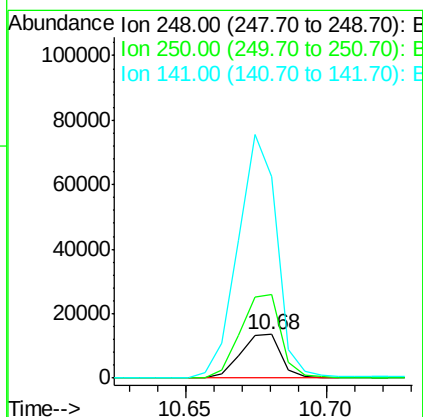
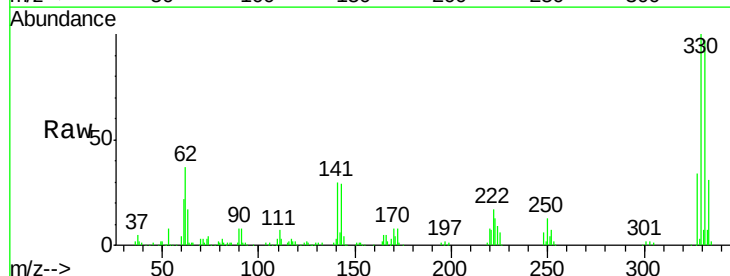
Instrument :
BNA_F
ClientSampleId :

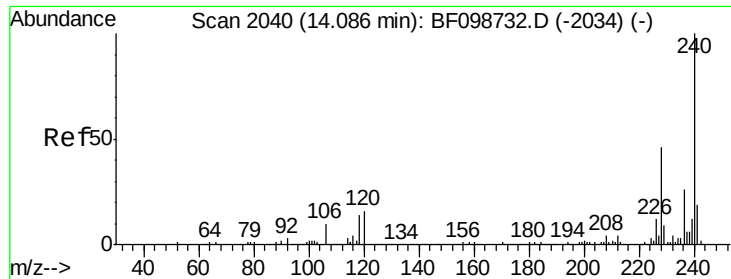
Tot Ion:188 Resp: 343788
Ion Ratio Lower Upper
188 100
94 10.1 8.5 12.7
80 10.6 9.2 13.8



#66
4-Bromophenyl-phenylether
Concen: 3.95 ng
RT: 10.68 min Scan# 1461
Delta R.T. -0.24 min
Lab File: BF099357.D
Acq: 11 Oct 2017 21:08

Tgt Ion:248 Resp: 13297
Ion Ratio Lower Upper
248 100
250 193.6 76.9 115.3#
141 464.8 74.4 111.6#

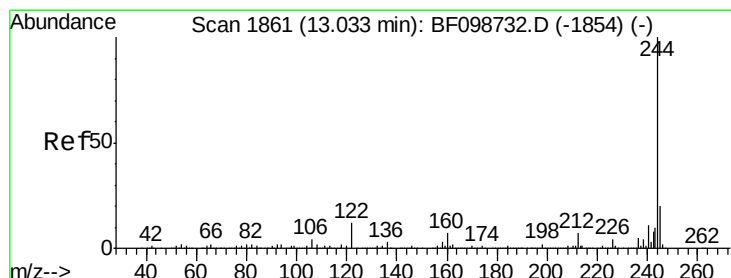
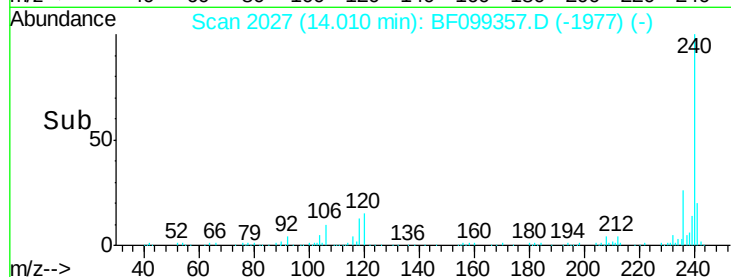
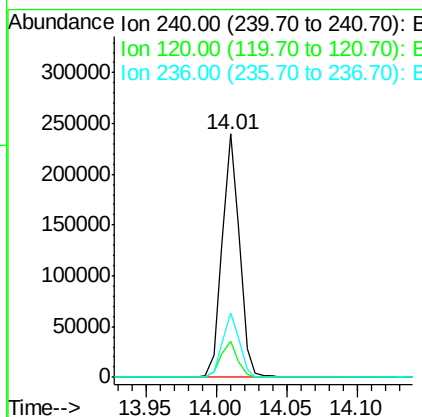
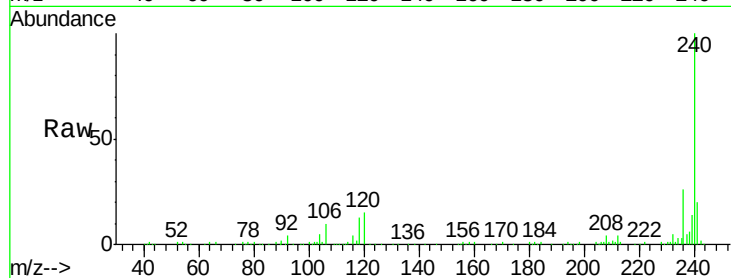




#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.01 min Scan# 2027
Delta R.T. -0.01 min
Lab File: BF099357.D
Acq: 11 Oct 2017 21:08

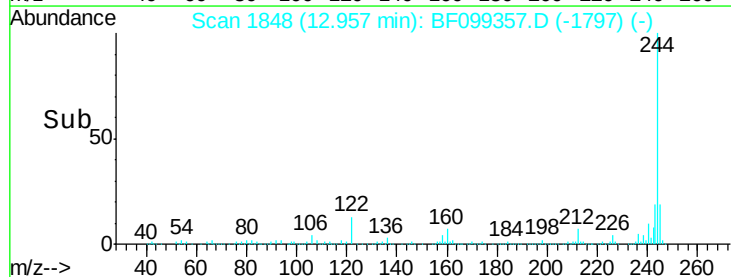
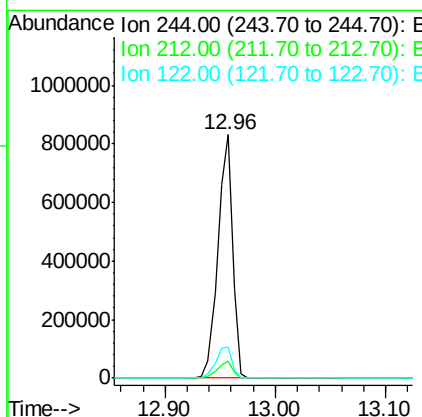
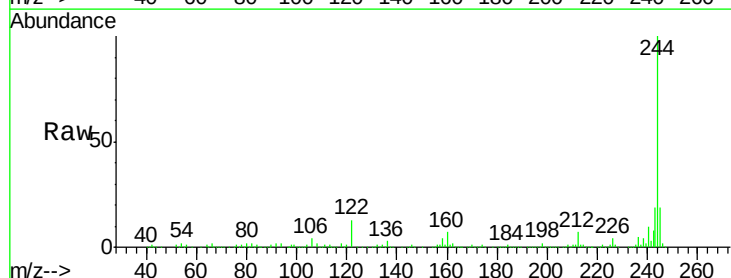
Instrument :
BNA_F
ClientSampleId :

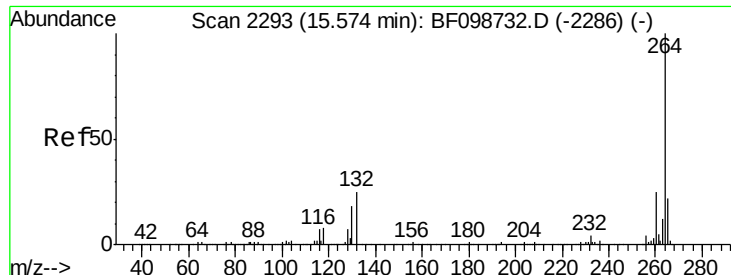
Tot Ion:240 Resp: 205336
Ion Ratio Lower Upper
240 100
120 14.8 9.5 14.3#
236 26.3 20.7 31.1



#78
Terphenyl-d14
Concen: 84.96 ng
RT: 12.96 min Scan# 1848
Delta R.T. 0.00 min
Lab File: BF099357.D
Acq: 11 Oct 2017 21:08

Tgt Ion:244 Resp: 767066
Ion Ratio Lower Upper
244 100
212 6.9 5.4 8.0
122 13.0 11.0 16.4

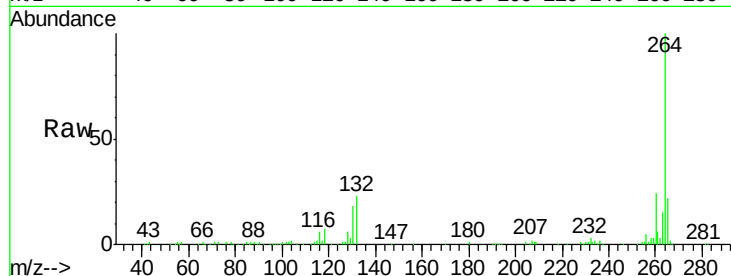




#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.48 min Scan# 2277
Delta R.T. 0.00 min
Lab File: BF099357.D
Acq: 11 Oct 2017 21:08

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.2	28.8
265	22.4	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

