

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102817\
 Data File : BF099914.D
 Acq On : 28 Oct 2017 13:49
 Operator : SJ/JU
 Sample : I6071-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 30 01:56:00 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 27 15:58:57 2017
 Response via : Initial Calibration

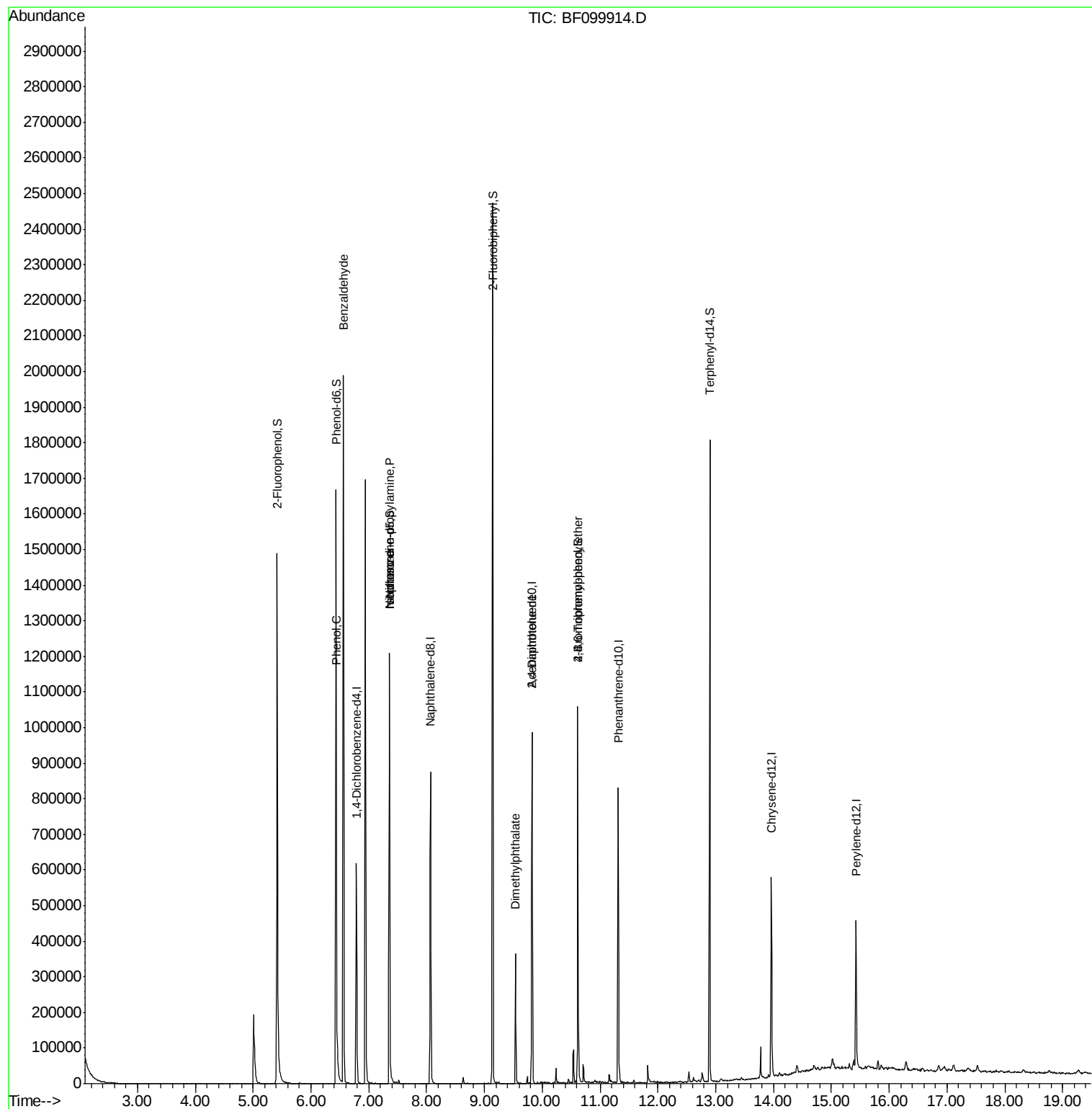
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	102085	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	424601	20.00	ng	-0.01
38) Acenaphthene-d10	9.82	164	190332	20.00	ng	-0.02
63) Phenanthrene-d10	11.32	188	298709	20.00	ng	-0.02
75) Chrysene-d12	13.96	240	181029	20.00	ng	-0.03
86) Perylene-d12	15.43	264	188884	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	592221	91.08	ng	0.00
7) Phenol-d6	6.43	99	711499	92.28	ng	0.00
23) Nitrobenzene-d5	7.36	82	414764	62.89	ng	-0.01
41) 2,4,6-Tribromophenol	10.62	330	131422	75.77	ng	-0.02
44) 2-Fluorobiphenyl	9.15	172	894398	72.50	ng	-0.01
78) Terphenyl-d14	12.90	244	580212	70.04	ng	-0.02
Target Compounds						Qvalue
9) Benzaldehyde	6.56	77	10354	2.247	ng	96
10) Phenol	6.45	94	18782	2.219	ng	86
19) n-Nitroso-di-n-propylamine	7.36	70	50796	11.242	ng	# 72
25) Isophorone	7.36	82	414764	34.658	ng	# 64
49) Dimethylphthalate	9.54	163	151758	10.068	ng	100
56) 2,4-Dinitrotoluene	9.82	165	24600	6.447	ng	# 22
66) 4-Bromophenyl-phenylether	10.62	248	8447	2.686	ng	# 1

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

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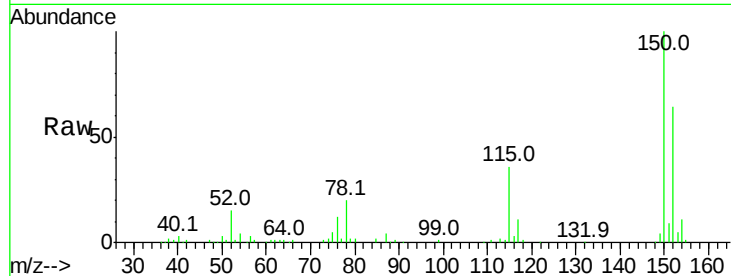


#1

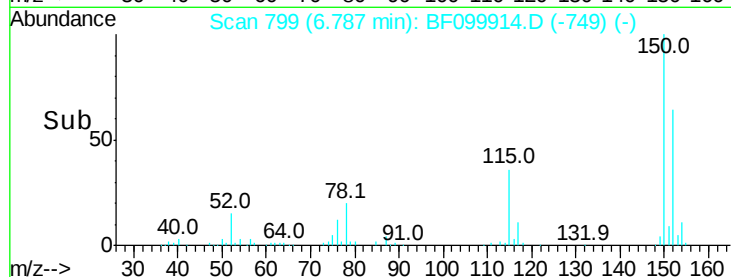
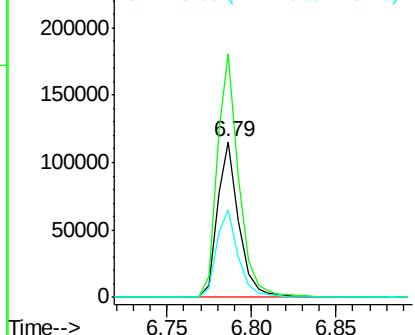
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 799
Delta R.T. -0.01 min
Lab File: BF099914.D
Acq: 28 Oct 2017 13:49

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 102085
Ion Ratio Lower Upper
152 100
150 156.7 124.6 186.8
115 56.6 50.1 75.1



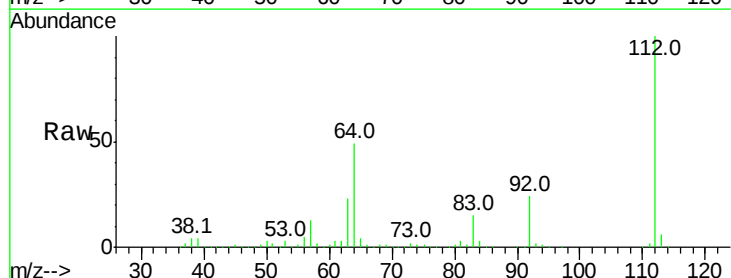
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



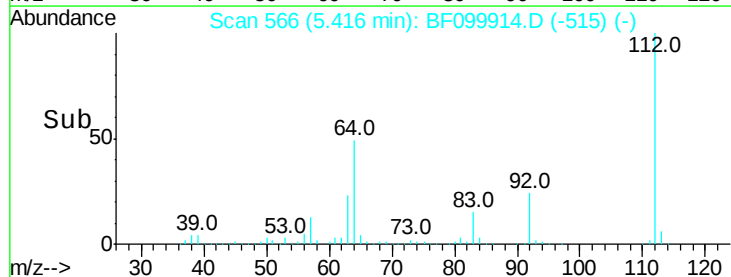
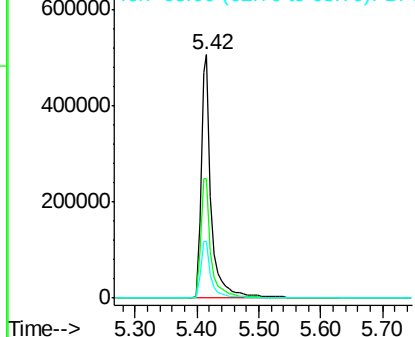
#5

2-Fluorophenol
Concen: 91.078 ng
RT: 5.42 min Scan# 566
Delta R.T. -0.00 min
Lab File: BF099914.D
Acq: 28 Oct 2017 13:49

Tgt Ion:112 Resp: 592221
Ion Ratio Lower Upper
112 100
64 49.2 47.9 71.9
63 23.3 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: 92.283 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.01 min

Lab File: BF099914.D

Acq: 28 Oct 2017 13:49

Instrument :

BNA_F

ClientSampled :

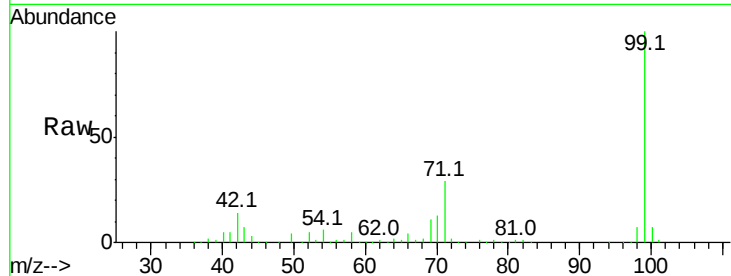
Tot Ion: 99 Resp: 711499

Ion Ratio Lower Upper

99 100

42 13.8 14.5 21.7#

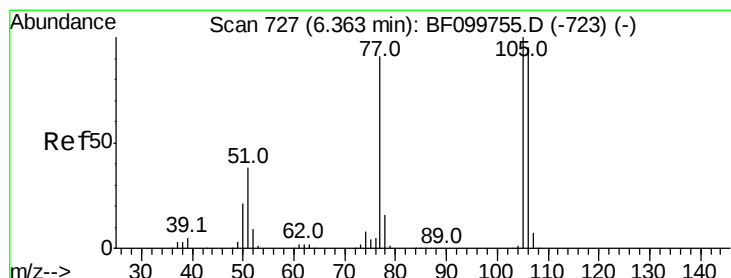
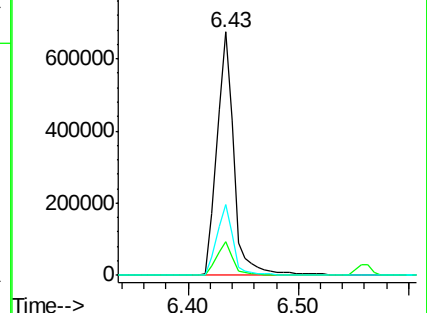
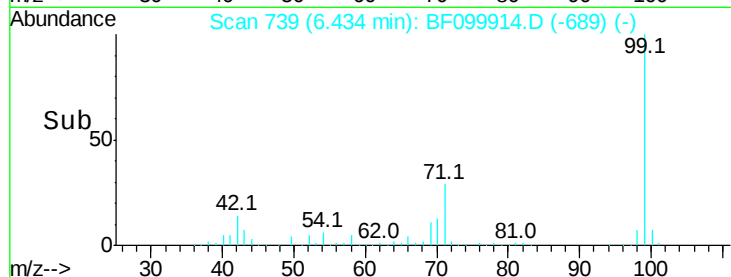
71 29.3 25.4 38.0



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: 2.247 ng

RT: 6.56 min Scan# 761

Delta R.T. 0.21 min

Lab File: BF099914.D

Acq: 28 Oct 2017 13:49

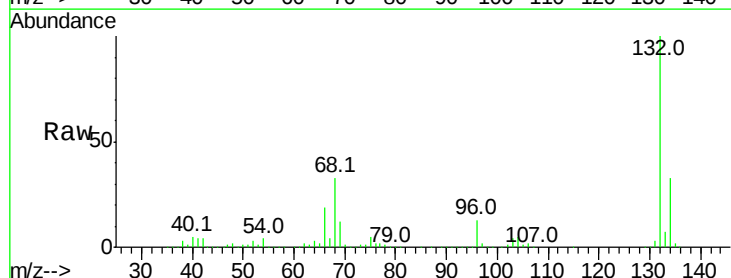
Tgt Ion: 77 Resp: 10354

Ion Ratio Lower Upper

77 100

105 95.5 81.1 121.1

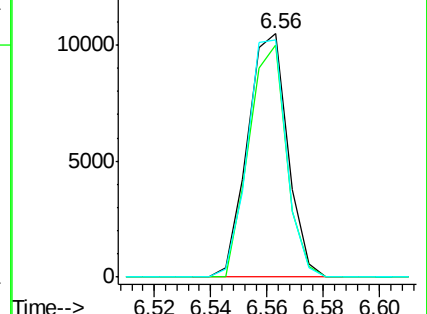
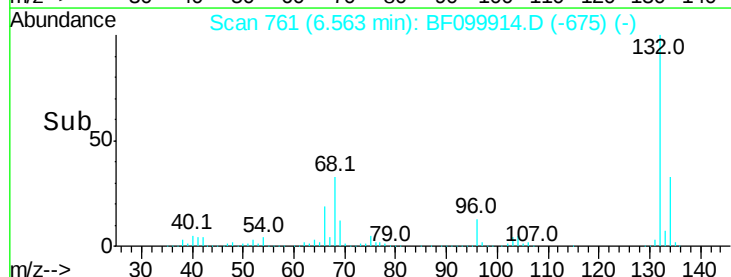
106 97.3 74.5 114.5

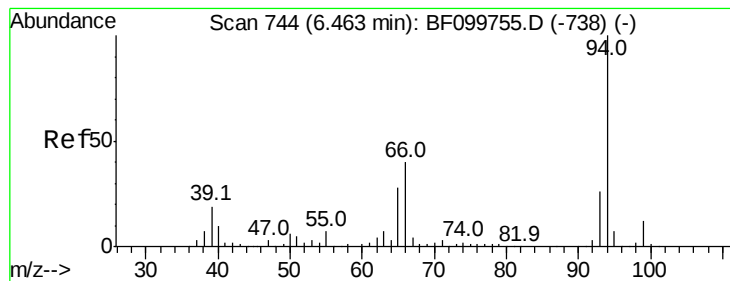


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E





#10

Phenol

Concen: 2.219 ng

RT: 6.45 min Scan# 741

Delta R.T. -0.01 min

Lab File: BF099914.D

Acq: 28 Oct 2017 13:49

Instrument :

BNA_F

ClientSampleId :

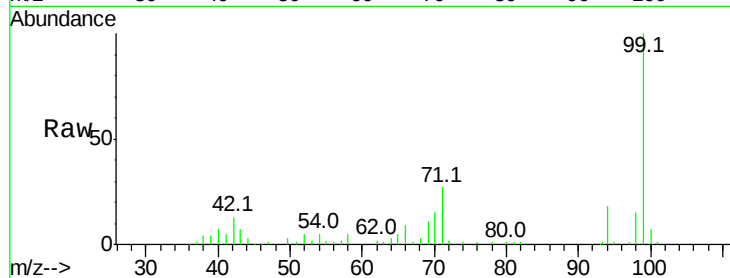
Tot Ion: 94 Resp: 18782

Ion Ratio Lower Upper

94 100

65 27.5 7.9 47.9

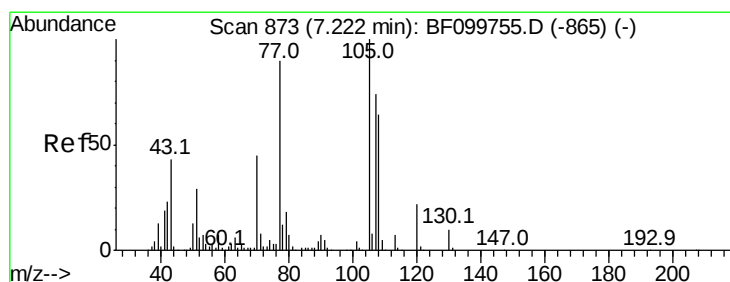
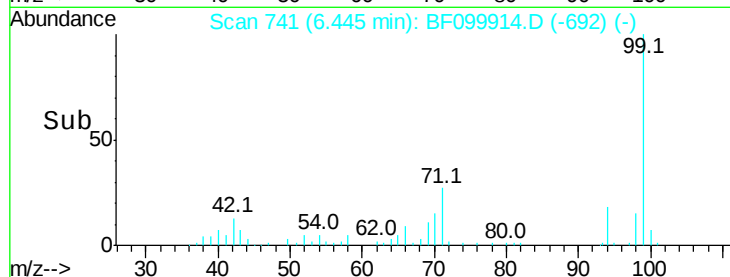
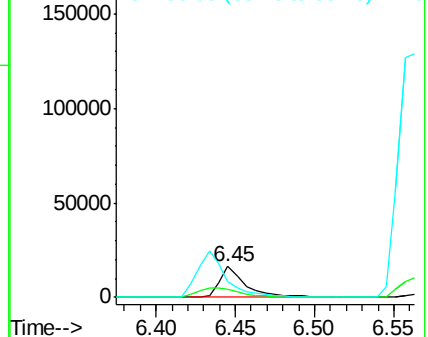
66 50.5 16.2 56.2



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: 11.242 ng

RT: 7.36 min Scan# 896

Delta R.T. 0.15 min

Lab File: BF099914.D

Acq: 28 Oct 2017 13:49

Tgt Ion: 70 Resp: 50796

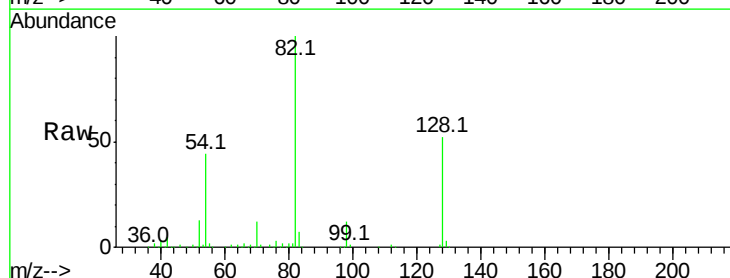
Ion Ratio Lower Upper

70 100

42 40.1 47.5 71.3#

101 0.0 7.4 11.2#

130 3.2 16.6 25.0#

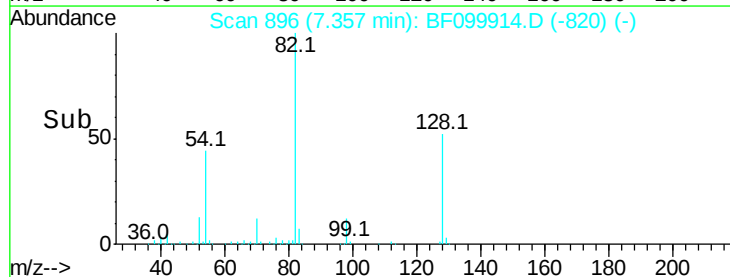
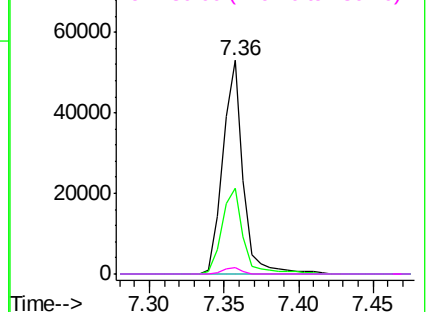


Abundance Ion 70.00 (69.70 to 70.70): BF0

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

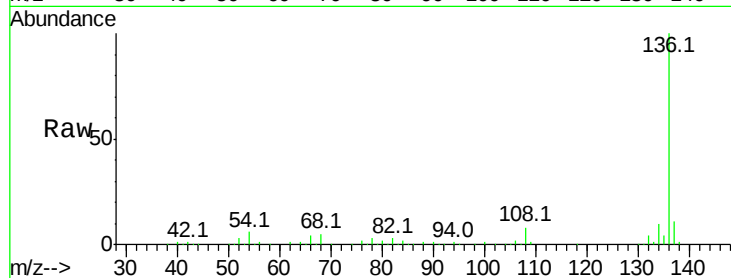




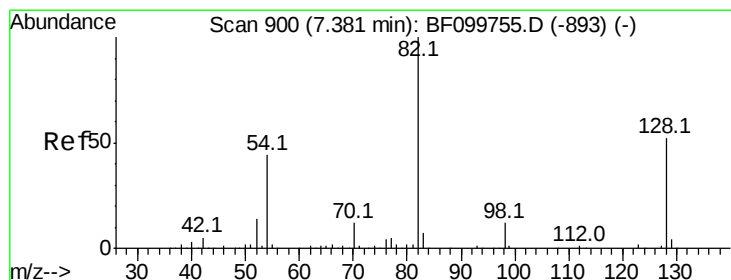
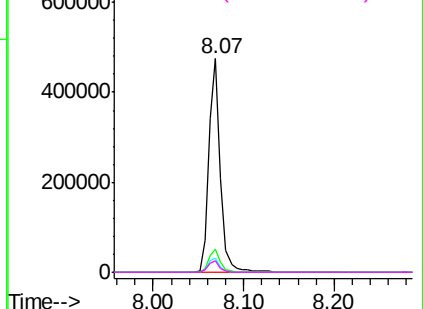
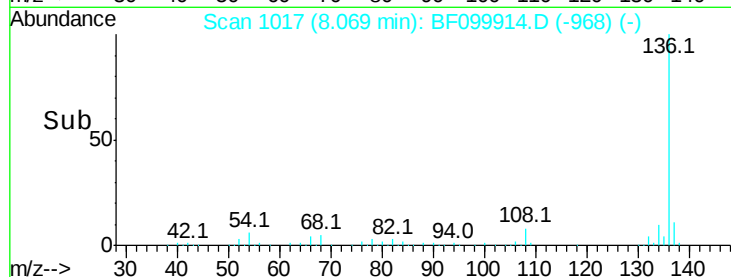
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1017
Delta R.T. -0.01 min
Lab File: BF099914.D
Acq: 28 Oct 2017 13:49

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	136	Resp:	424601
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.9	13.3
54	6.3	6.6	9.8#
68	5.5	5.0	7.4

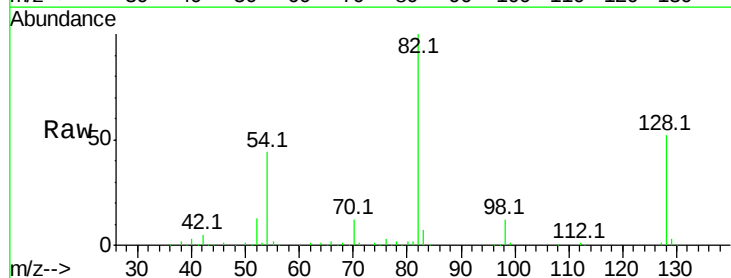


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

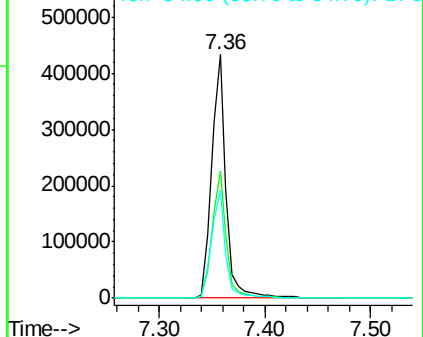
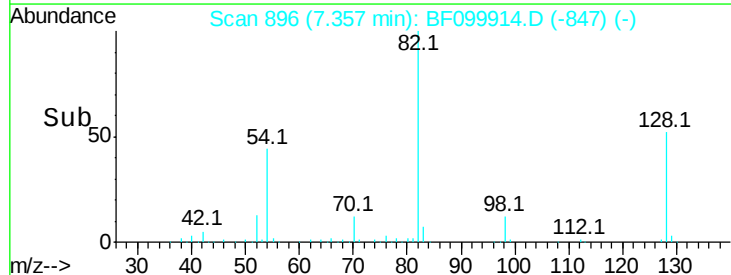


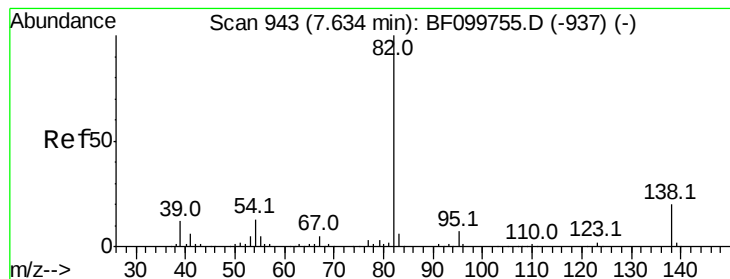
#23
Nitrobenzene-d5
Concen: 62.889 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.01 min
Lab File: BF099914.D
Acq: 28 Oct 2017 13:49

Tgt Ion:	82	Resp:	414764
Ion	Ratio	Lower	Upper
82	100		
128	52.0	36.1	54.1
54	44.1	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: 34.658 ng

RT: 7.36 min Scan# 896

Delta R.T. -0.26 min

Lab File: BF099914.D

Acq: 28 Oct 2017 13:49

Instrument :

BNA_F

ClientSampled :

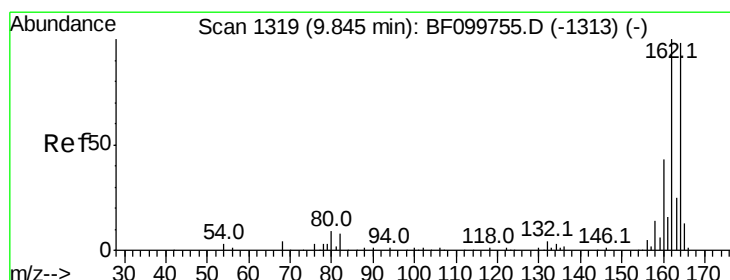
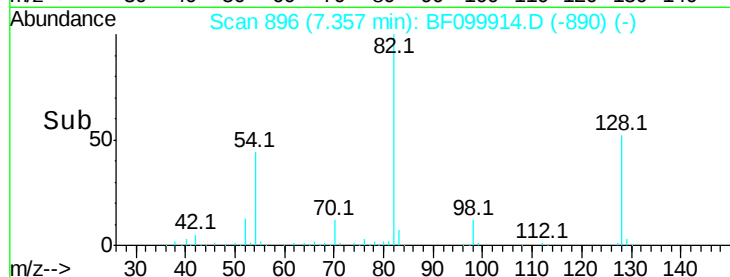
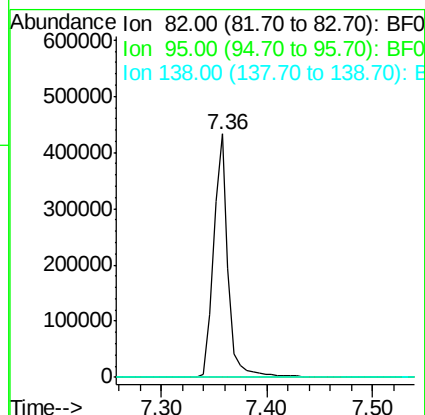
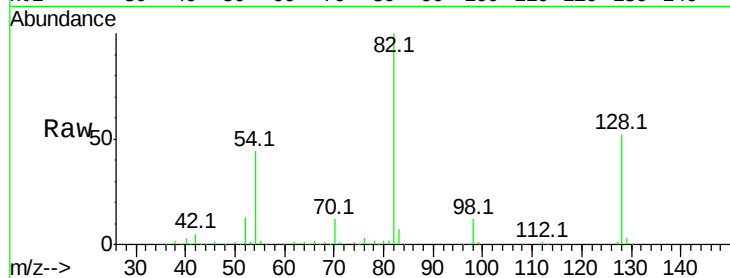
Tot Ion: 82 Resp: 414764

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: 9.82 min Scan# 1315

Delta R.T. -0.02 min

Lab File: BF099914.D

Acq: 28 Oct 2017 13:49

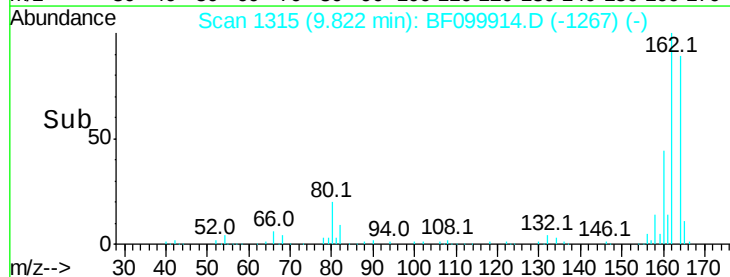
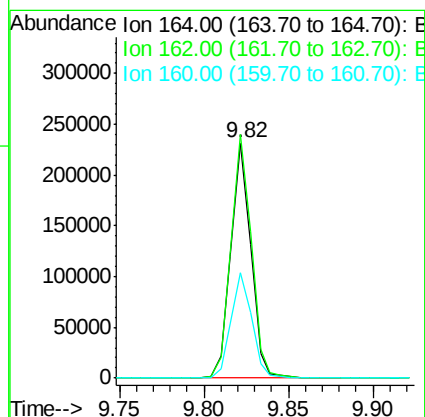
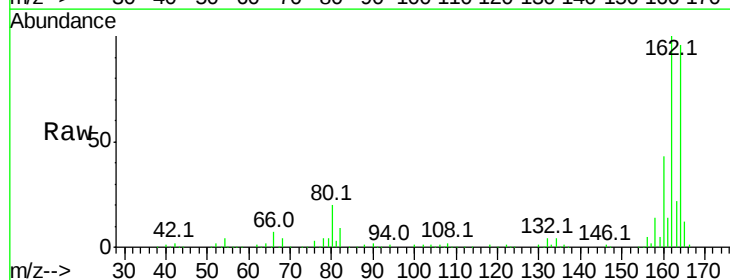
Tgt Ion:164 Resp: 190332

Ion Ratio Lower Upper

164 100

162 103.8 86.1 129.1

160 45.1 38.3 57.5

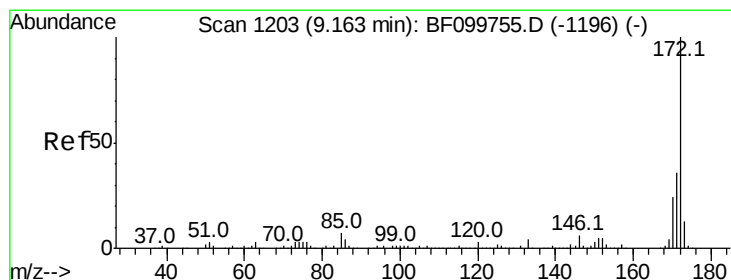
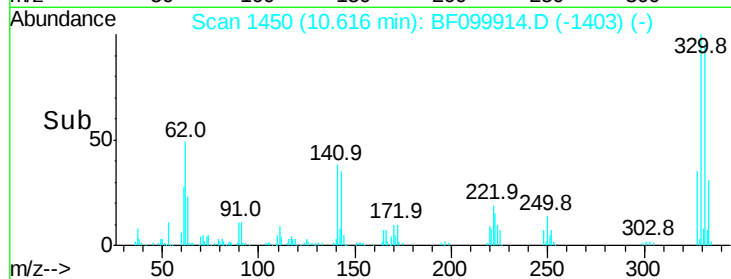
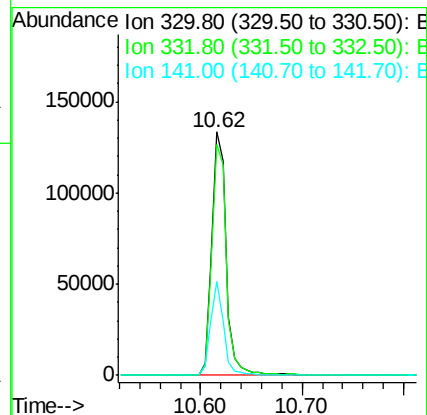
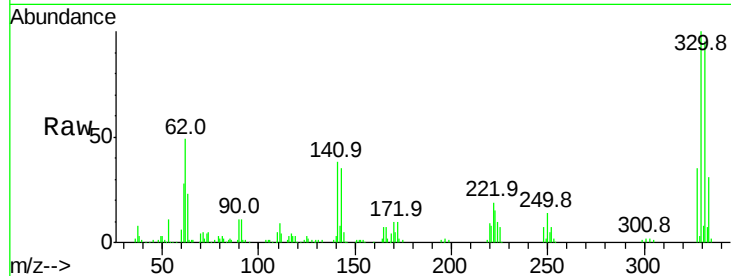




#41
 2,4,6-Tribromophenol
 Concen: 75.768 ng
 RT: 10.62 min Scan# 1450
 Delta R.T. -0.02 min
 Lab File: BF099914.D
 Acq: 28 Oct 2017 13:49

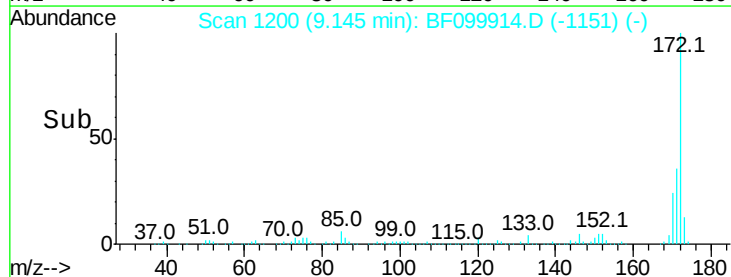
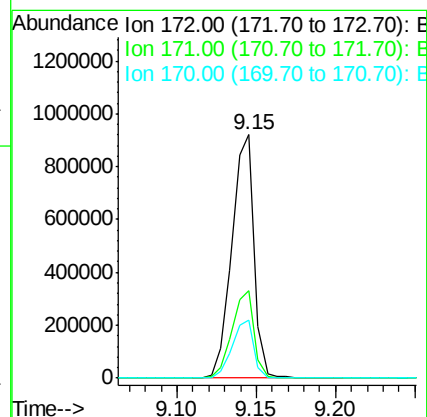
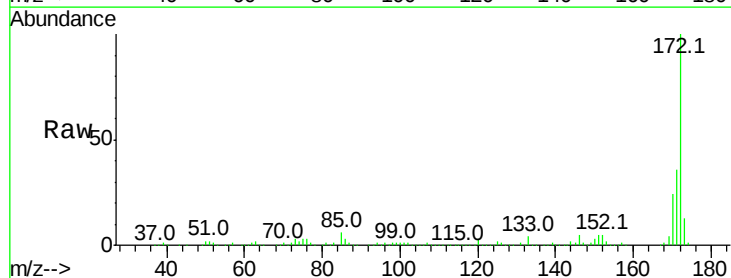
Instrument :
 BNA_F
 ClientSampleId :

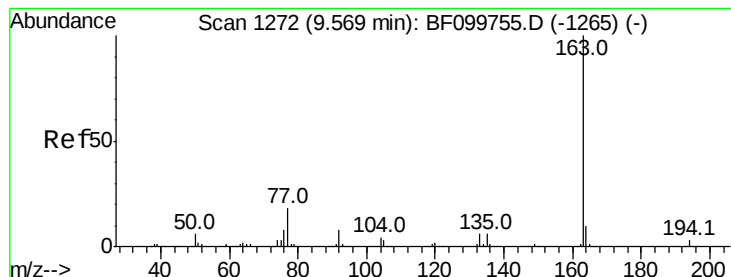
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.0	77.0	115.6
141	34.8	29.9	44.9



#44
 2-Fluorobiphenyl
 Concen: 72.500 ng
 RT: 9.15 min Scan# 1200
 Delta R.T. -0.01 min
 Lab File: BF099914.D
 Acq: 28 Oct 2017 13:49

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.7	44.5
170	23.6	19.6	29.4





#49

Dimethylphthalate

Concen: 10.068 ng

RT: 9.54 min Scan# 1267

Delta R.T. -0.02 min

Lab File: BF099914.D

Acq: 28 Oct 2017 13:49

Instrument :

BNA_F

ClientSampleId :

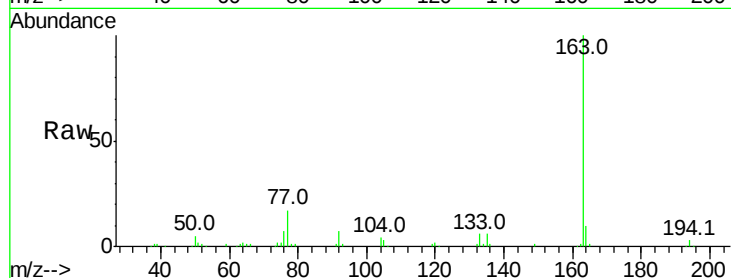
Tot Ion:163 Resp: 151758

Ion Ratio Lower Upper

163 100

194 3.2 2.7 4.1

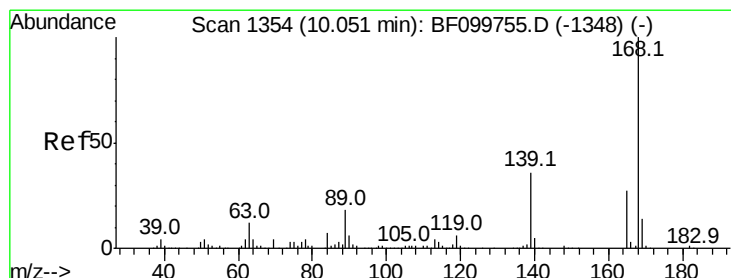
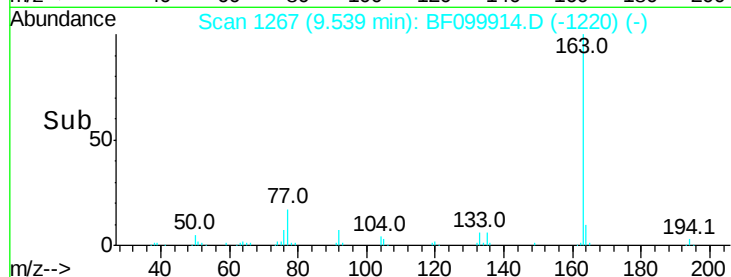
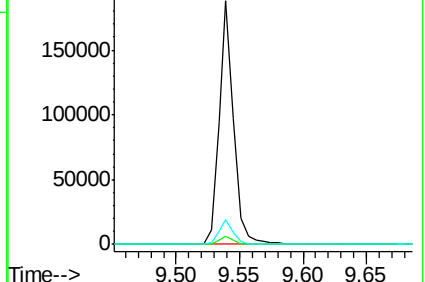
164 10.1 8.2 12.2



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: 6.447 ng

RT: 9.82 min Scan# 1315

Delta R.T. -0.23 min

Lab File: BF099914.D

Acq: 28 Oct 2017 13:49

Tgt Ion:165 Resp: 24600

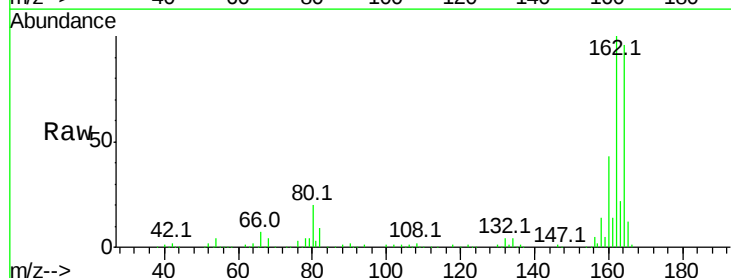
Ion Ratio Lower Upper

165 100

63 1.2 36.4 54.6#

89 0.0 57.8 86.6#

182 0.0 1.6 2.4#

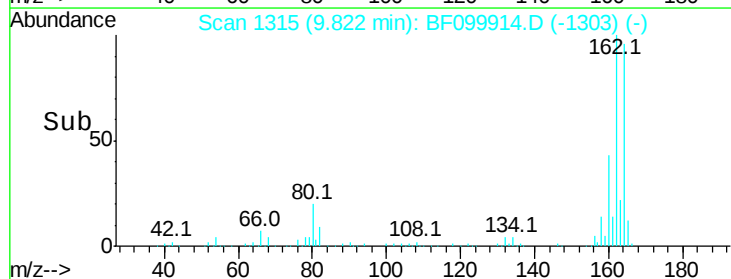
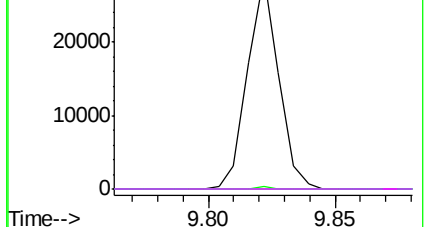


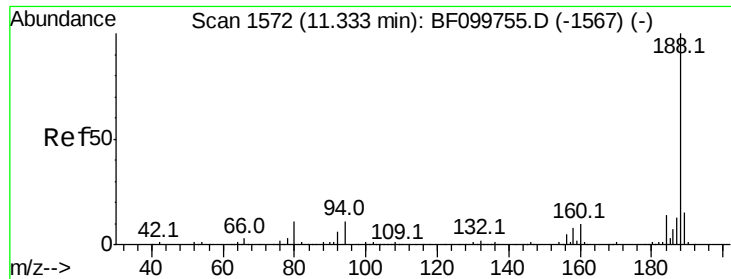
Abundance Ion 165.00 (164.70 to 165.70): E

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

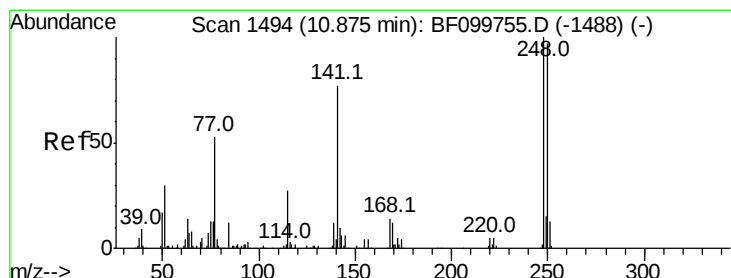
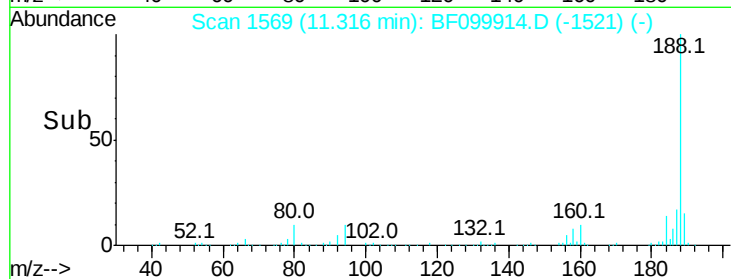
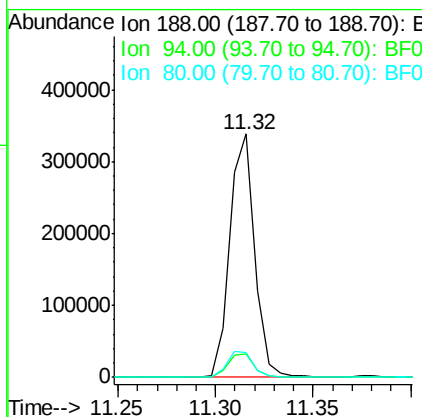
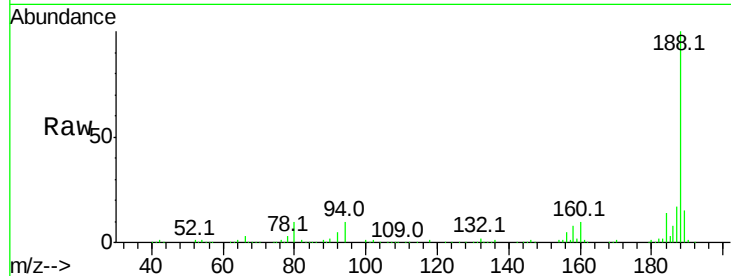




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.32 min Scan# 1569
 Delta R.T. -0.02 min
 Lab File: BF099914.D
 Acq: 28 Oct 2017 13:49

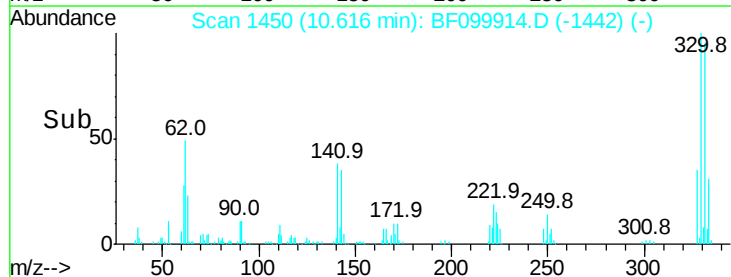
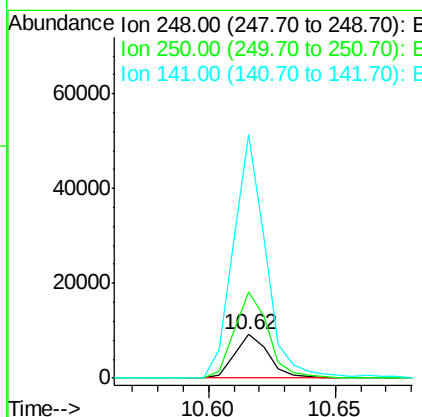
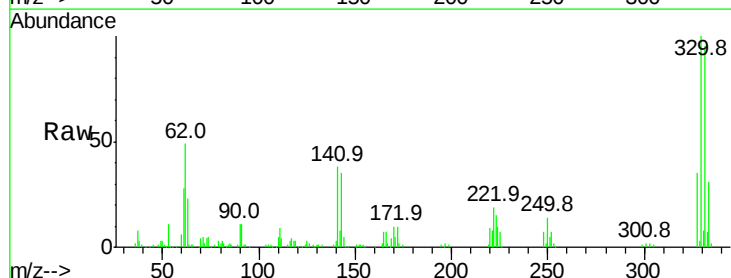
Instrument :
 BNA_F
 ClientSampleId :

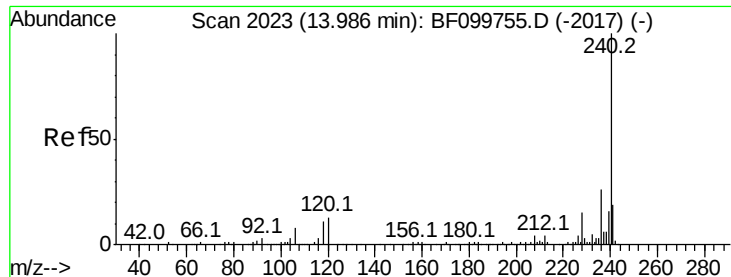
Tot Ion:188 Resp: 298709
 Ion Ratio Lower Upper
 188 100
 94 9.5 8.5 12.7
 80 10.3 9.2 13.8



#66
 4-Bromophenyl-phenylether
 Concen: 2.686 ng
 RT: 10.62 min Scan# 1450
 Delta R.T. -0.25 min
 Lab File: BF099914.D
 Acq: 28 Oct 2017 13:49

Tgt Ion:248 Resp: 8447
 Ion Ratio Lower Upper
 248 100
 250 198.7 76.9 115.3#
 141 561.6 74.4 111.6#





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.96 min Scan# 2019

Delta R.T. -0.03 min

Lab File: BF099914.D

Acq: 28 Oct 2017 13:49

Instrument :

BNA_F

ClientSampleId :

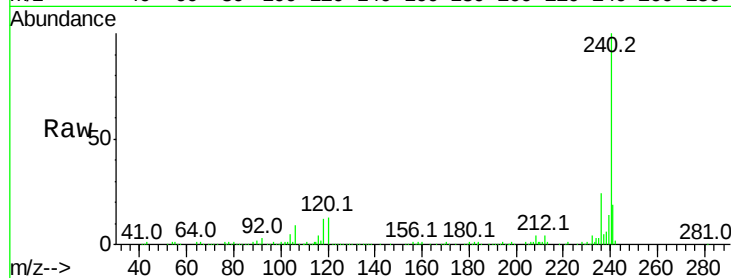
Tot Ion:240 Resp: 181029

Ion Ratio Lower Upper

240 100

120 13.3 9.5 14.3

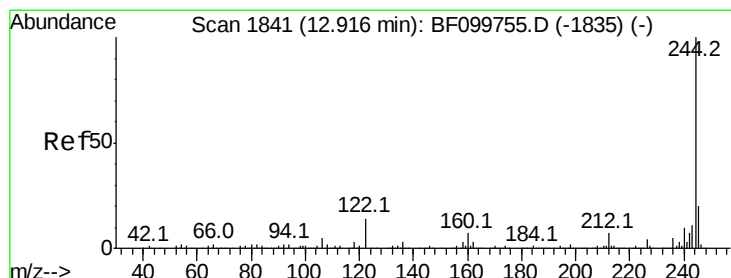
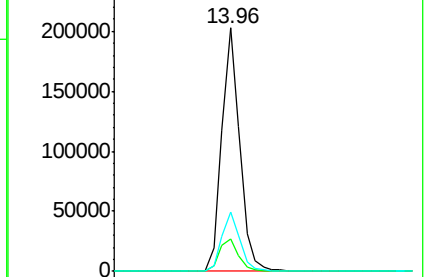
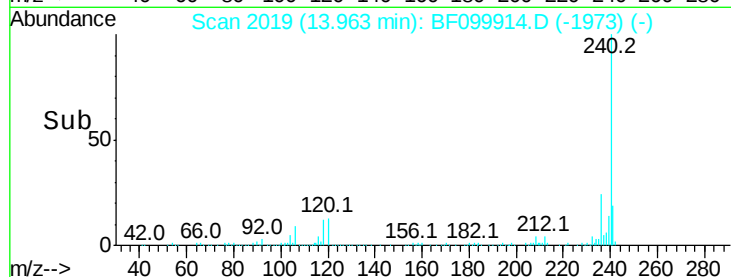
236 24.4 20.7 31.1



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: 70.043 ng

RT: 12.90 min Scan# 1838

Delta R.T. -0.02 min

Lab File: BF099914.D

Acq: 28 Oct 2017 13:49

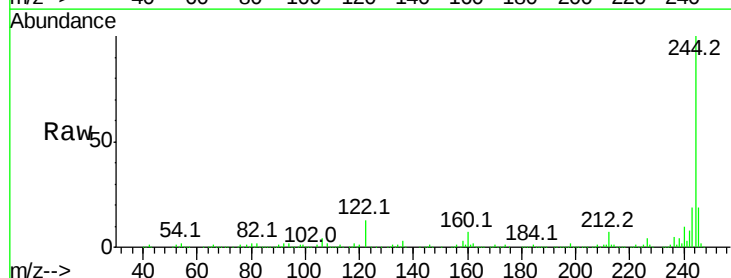
Tgt Ion:244 Resp: 580212

Ion Ratio Lower Upper

244 100

212 6.6 5.4 8.0

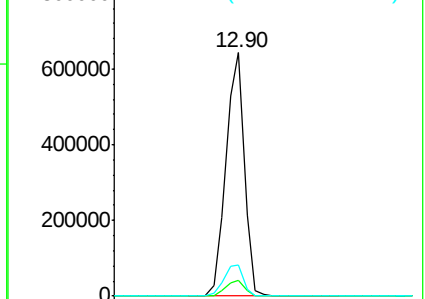
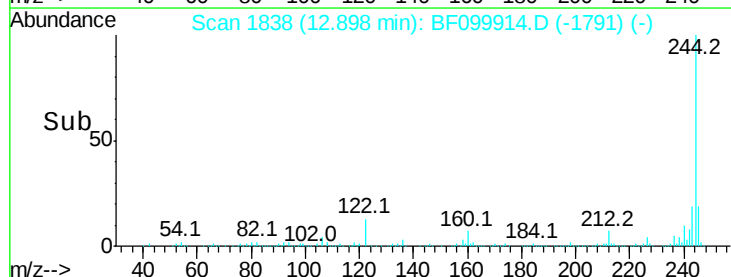
122 12.6 11.0 16.4

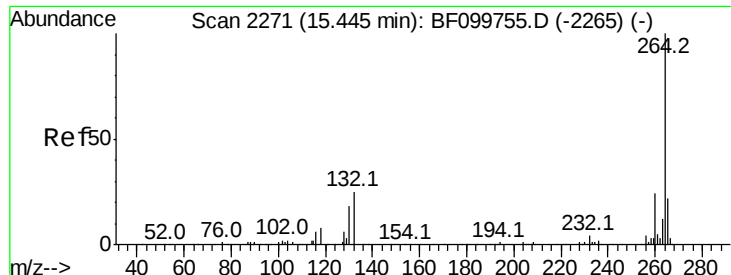


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

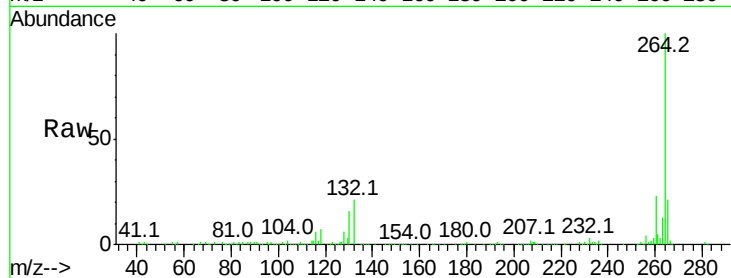




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.43 min Scan# 2268
 Delta R.T. -0.03 min
 Lab File: BF099914.D
 Acq: 28 Oct 2017 13:49

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.2	28.8
265	20.5	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

