

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102517\
 Data File : BF099812.D
 Acq On : 25 Oct 2017 14:42
 Operator : SJ/JU
 Sample : I6064-07
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 25 16:56:48 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 23 23:39:26 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	82879	20.00	ng	-0.01
21) Naphthalene-d8	8.07	136	347908	20.00	ng	-0.01
38) Acenaphthene-d10	9.83	164	169457	20.00	ng	-0.01
63) Phenanthrene-d10	11.33	188	319942	20.00	ng	0.00
75) Chrysene-d12	13.98	240	224956	20.00	ng	0.00
86) Perylene-d12	15.45	264	181168	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.41	112	541662	102.61	ng	-0.01
7) Phenol-d6	6.43	99	661981	105.76	ng	-0.02
23) Nitrobenzene-d5	7.36	82	381821	70.66	ng	-0.02
41) 2,4,6-Tribromophenol	10.63	330	167626	108.55	ng	0.00
44) 2-Fluorobiphenyl	9.16	172	804489	73.25	ng	0.00
78) Terphenyl-d14	12.92	244	756177	73.46	ng	0.00

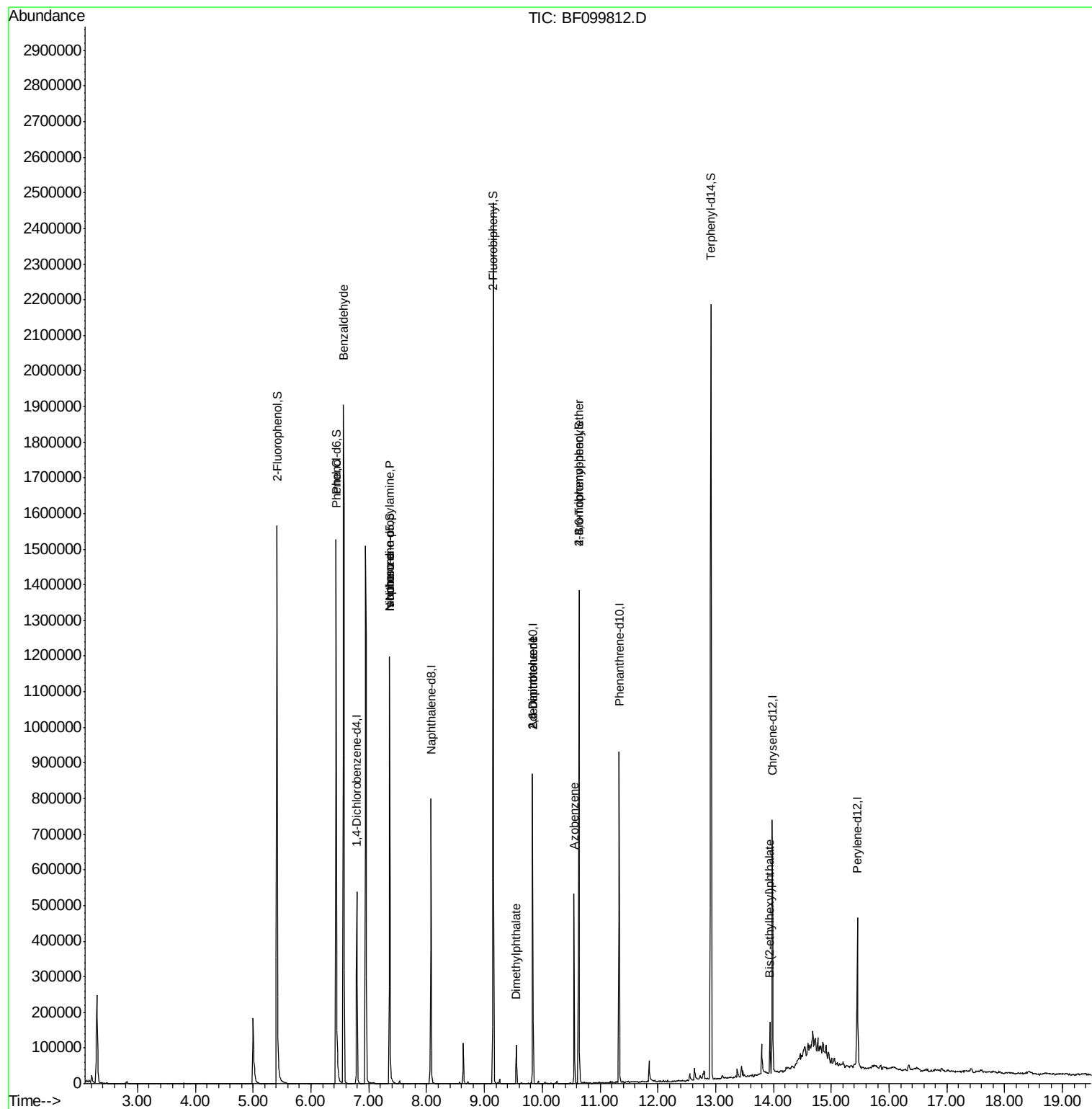
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.56	77	10104	2.701	ng	86
10) Phenol	6.45	94	30292	4.408	ng	90
19) n-Nitroso-di-n-propylamine	7.36	70	46904	12.787	ng	# 73
25) Isophorone	7.36	82	381818	38.938	ng	# 64
49) Dimethylphthalate	9.55	163	43118	3.213	ng	99
50) 2,6-Dinitrotoluene	9.83	165	22026	7.808	ng	# 24
56) 2,4-Dinitrotoluene	9.83	165	22026	6.483	ng	# 22
62) Azobenzene	10.55	77	81576	7.426	ng	# 1
66) 4-Bromophenyl-phenylether	10.63	248	10995	3.264	ng	# 1
83) Bis(2-ethylhexyl)phthalate	13.94	149	39031	3.300	ng	97

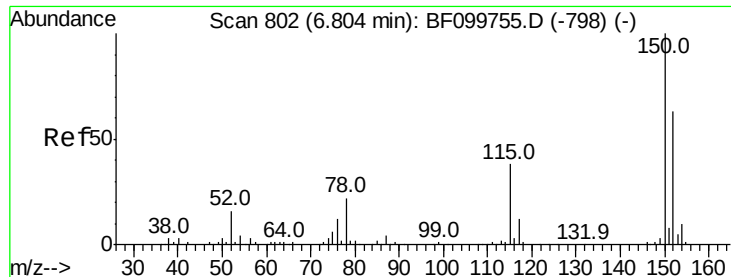
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102517\
Data File : BF099812.D
Acq On : 25 Oct 2017 14:42
Operator : SJ/JU
Sample : I6064-07
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Oct 25 16:56:48 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 23 23:39:26 2017
Response via : Initial Calibration



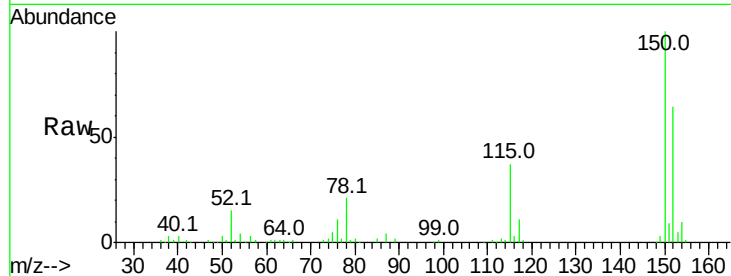


#1

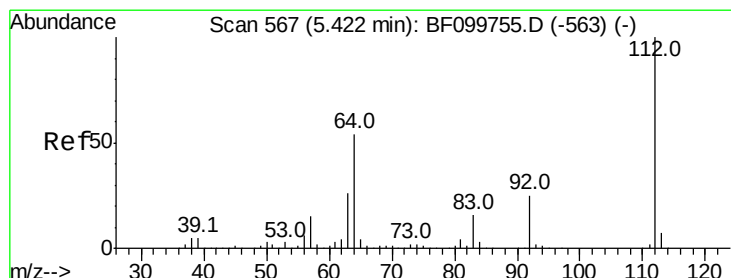
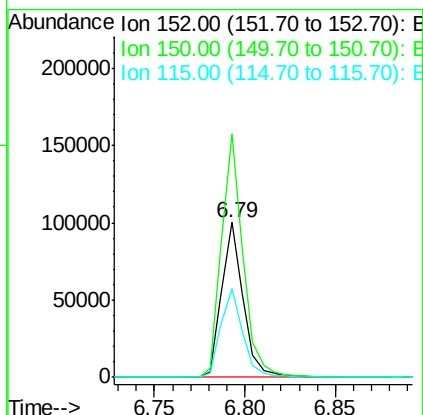
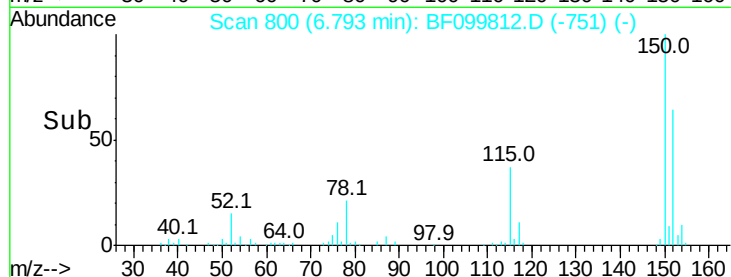
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 800
Delta R.T. -0.01 min
Lab File: BF099812.D
Acq: 25 Oct 2017 14:42

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 82879
Ion Ratio Lower Upper
152 100
150 157.1 124.6 186.8
115 57.5 50.1 75.1



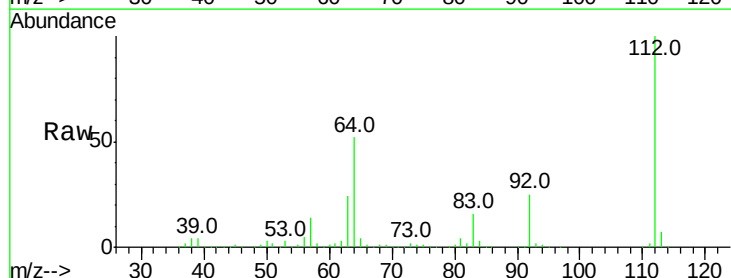
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



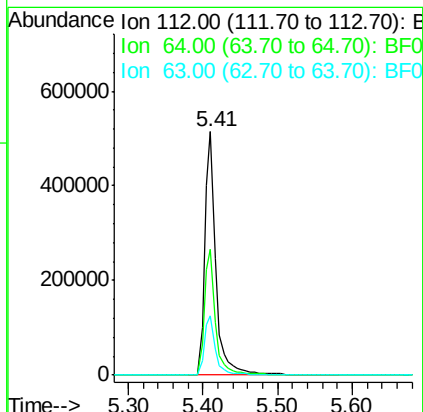
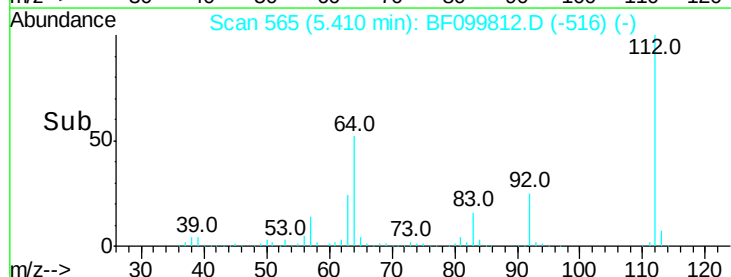
#5

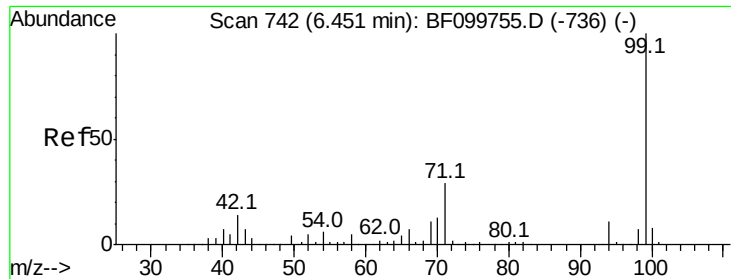
2-Fluorophenol
Concen: 102.606 ng
RT: 5.41 min Scan# 565
Delta R.T. -0.01 min
Lab File: BF099812.D
Acq: 25 Oct 2017 14:42

Tgt Ion:112 Resp: 541662
Ion Ratio Lower Upper
112 100
64 51.7 47.9 71.9
63 24.3 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: 105.757 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.02 min

Lab File: BF099812.D

Acq: 25 Oct 2017 14:42

Instrument :

BNA_F

ClientSampleId :

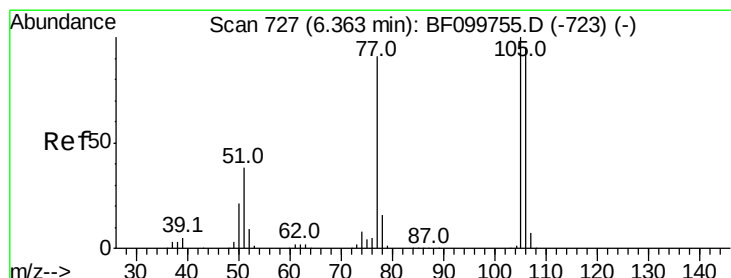
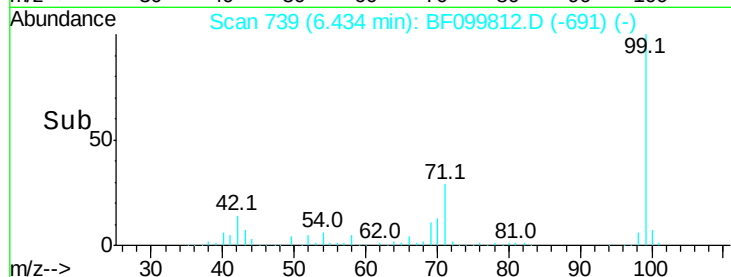
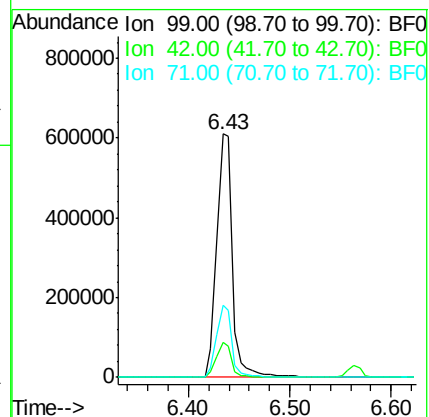
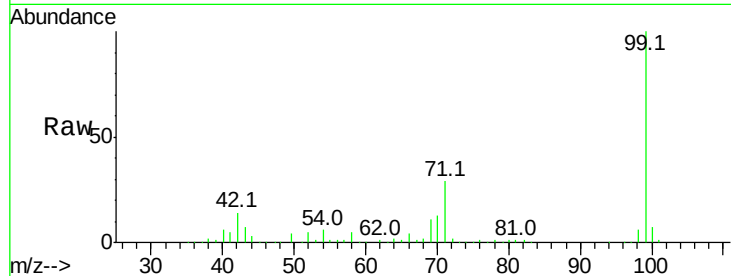
Tot Ion: 99 Resp: 661981

Ion Ratio Lower Upper

99 100

42 14.4 14.5 21.7#

71 29.4 25.4 38.0



#9

Benzaldehyde

Concen: 2.701 ng

RT: 6.56 min Scan# 761

Delta R.T. 0.20 min

Lab File: BF099812.D

Acq: 25 Oct 2017 14:42

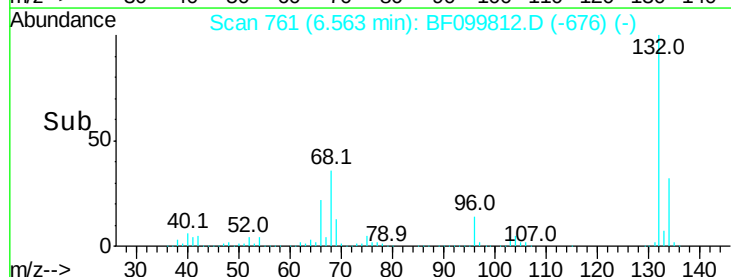
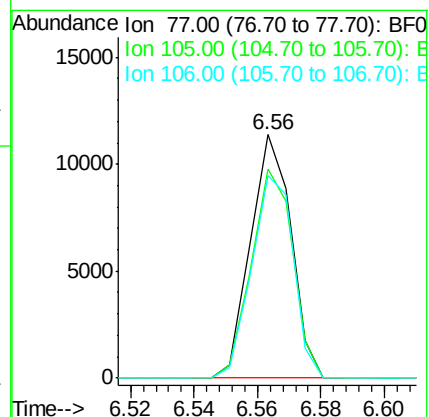
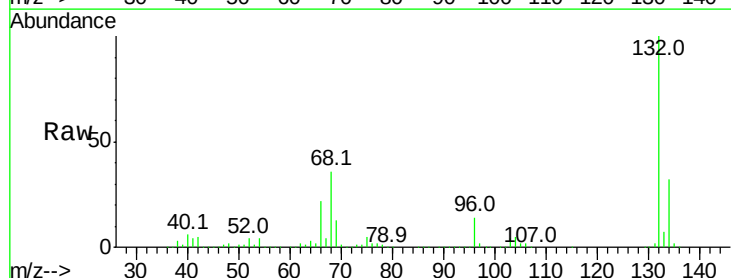
Tgt Ion: 77 Resp: 10104

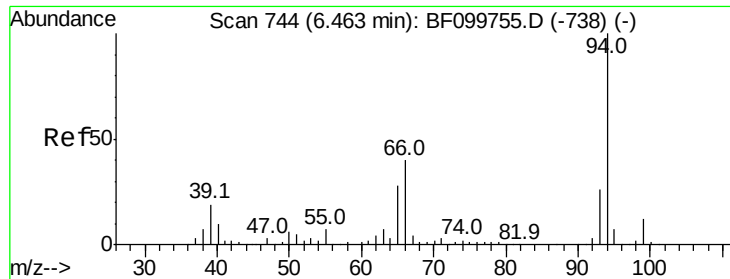
Ion Ratio Lower Upper

77 100

105 85.7 81.1 121.1

106 83.2 74.5 114.5





#10

Phenol

Concen: 4.408 ng

RT: 6.45 min Scan# 741

Delta R.T. -0.02 min

Lab File: BF099812.D

Acq: 25 Oct 2017 14:42

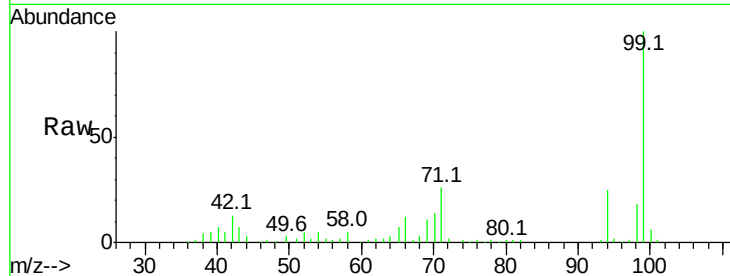
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 94 Resp: 30292

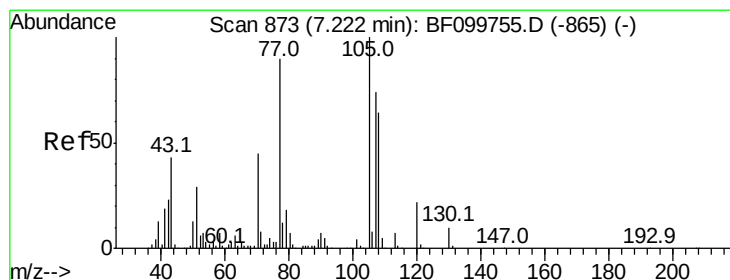
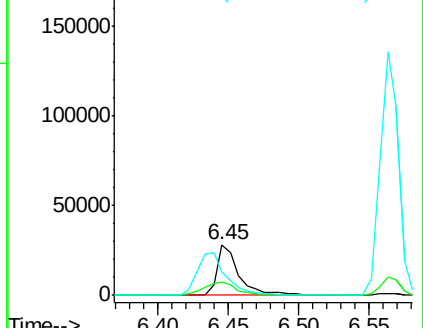
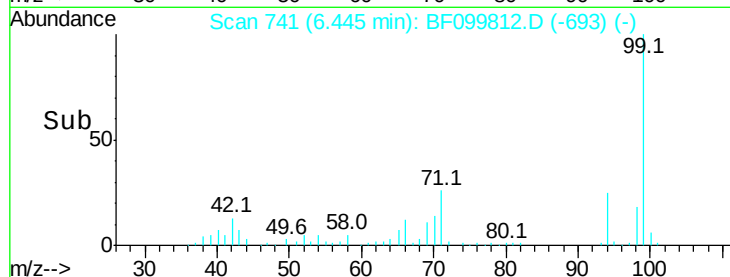
Ion	Ratio	Lower	Upper
94	100		
65	27.2	7.9	47.9
66	46.4	16.2	56.2



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: 12.787 ng

RT: 7.36 min Scan# 897

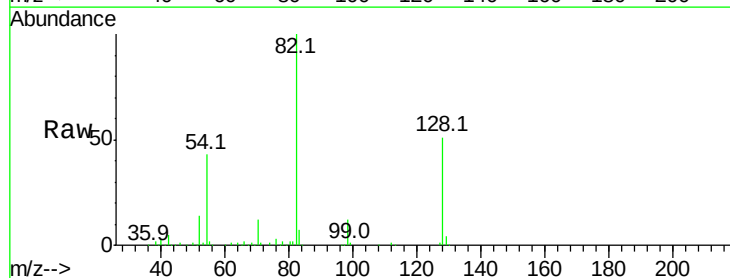
Delta R.T. 0.14 min

Lab File: BF099812.D

Acq: 25 Oct 2017 14:42

Tgt Ion: 70 Resp: 46904

Ion	Ratio	Lower	Upper
70	100		
42	42.2	47.5	71.3#
101	0.0	7.4	11.2#
130	2.9	16.6	25.0#

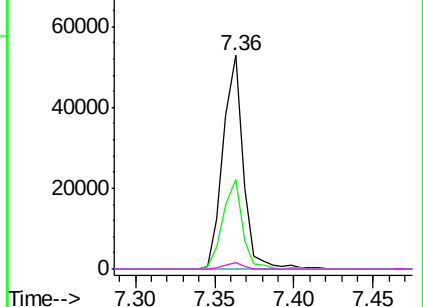
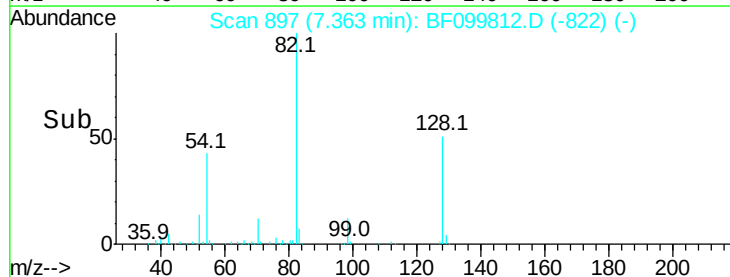


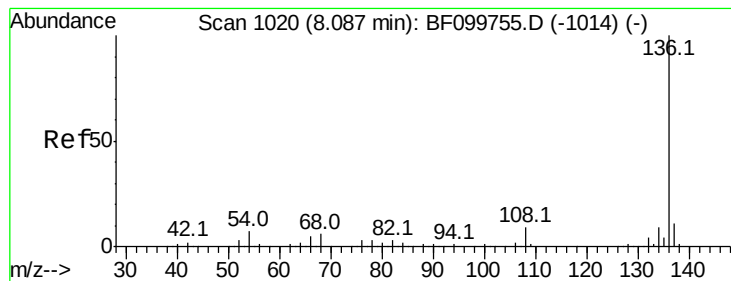
Abundance Ion 70.00 (69.70 to 70.70): BF0

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# 1018

Delta R.T. -0.01 min

Lab File: BF099812.D

Acq: 25 Oct 2017 14:42

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 347908

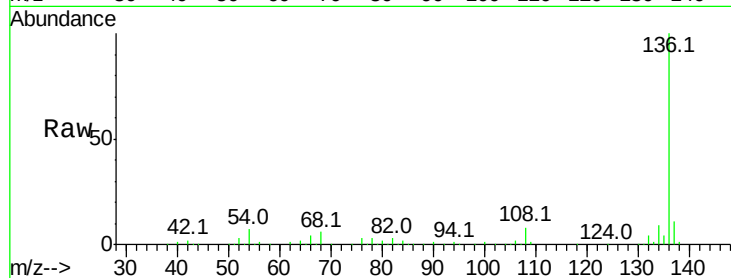
Ion Ratio Lower Upper

136 100

137 11.1 8.9 13.3

54 6.6 6.6 9.8

68 5.7 5.0 7.4

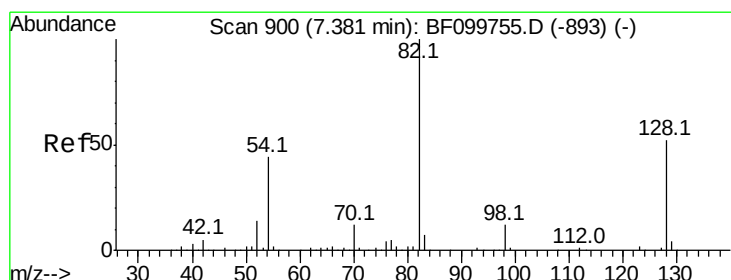
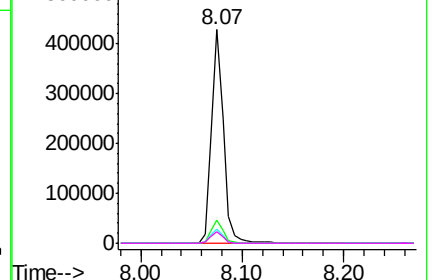
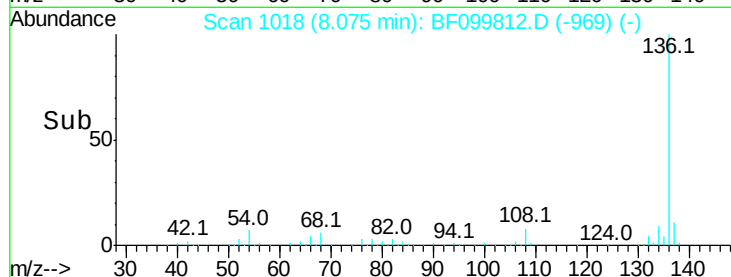


Abundance Ion 136.00 (135.70 to 136.70): E

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: 70.656 ng

RT: 7.36 min Scan# 897

Delta R.T. -0.02 min

Lab File: BF099812.D

Acq: 25 Oct 2017 14:42

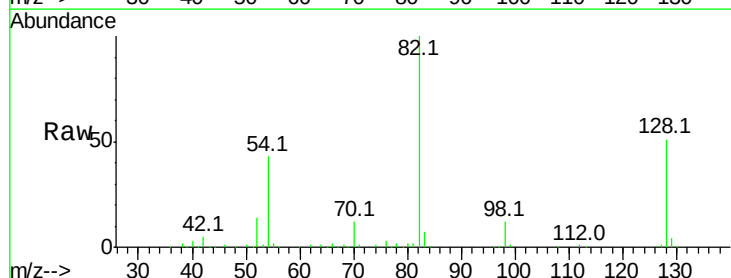
Tgt Ion: 82 Resp: 381821

Ion Ratio Lower Upper

82 100

128 51.0 36.1 54.1

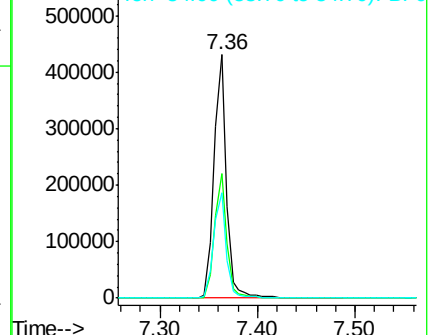
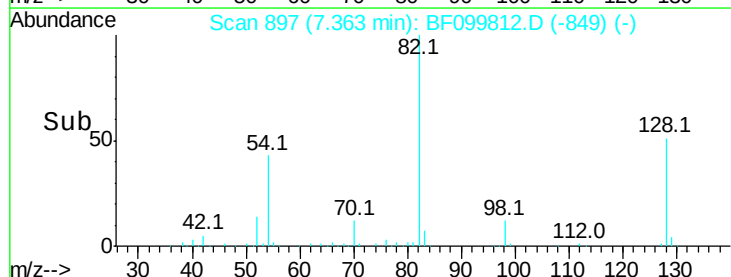
54 43.4 41.4 62.2

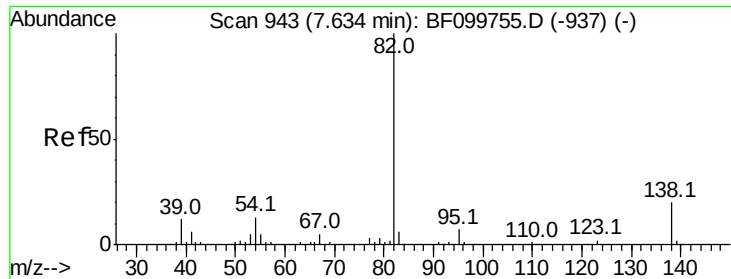


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#25

Isophorone

Concen: 38.938 ng

RT: 7.36 min Scan# 897

Delta R.T. -0.27 min

Lab File: BF099812.D

Acq: 25 Oct 2017 14:42

Instrument :

BNA_F

ClientSampled :

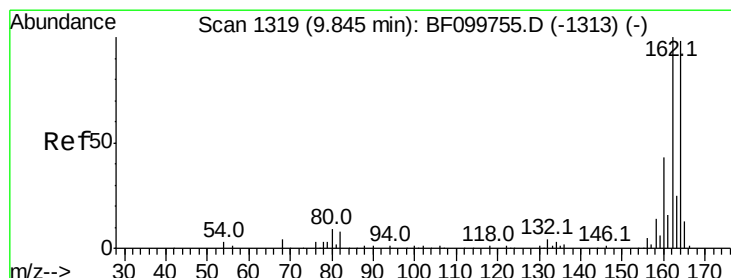
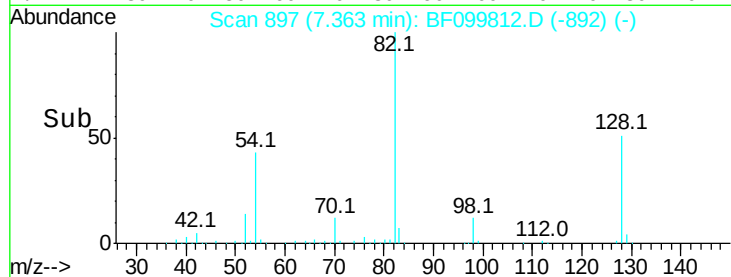
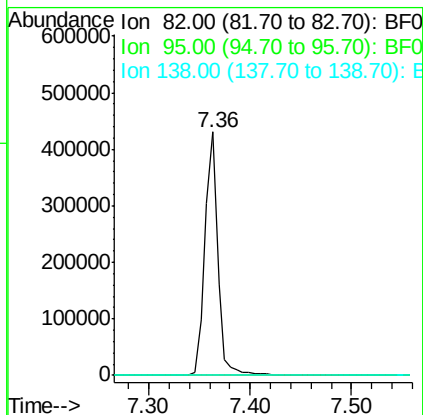
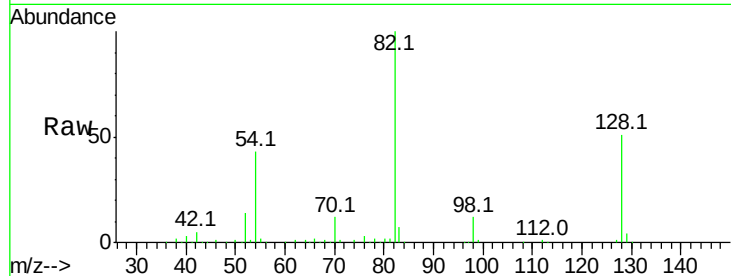
Tot Ion: 82 Resp: 381818

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: 9.83 min Scan# 1317

Delta R.T. -0.01 min

Lab File: BF099812.D

Acq: 25 Oct 2017 14:42

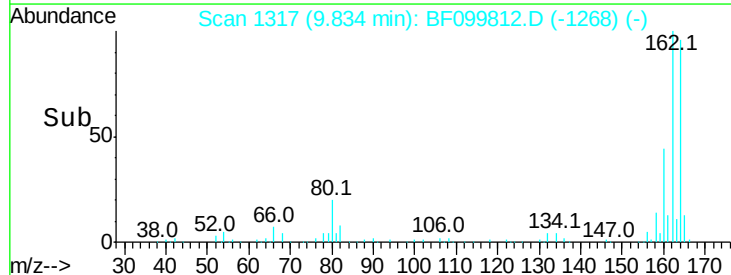
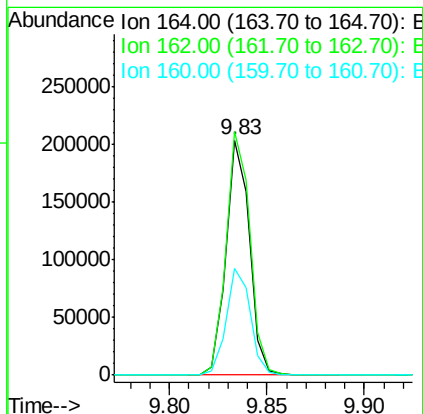
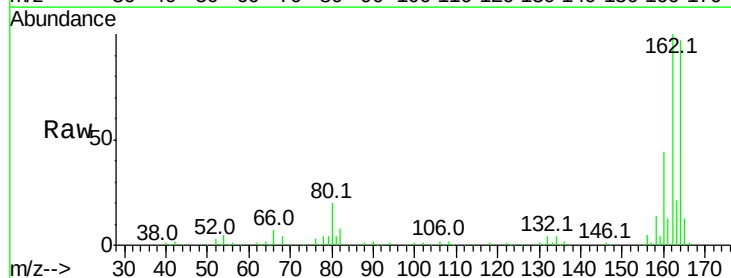
Tgt Ion:164 Resp: 169457

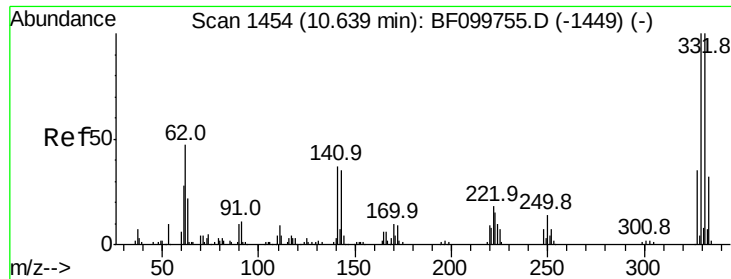
Ion Ratio Lower Upper

164 100

162 103.6 86.1 129.1

160 45.1 38.3 57.5

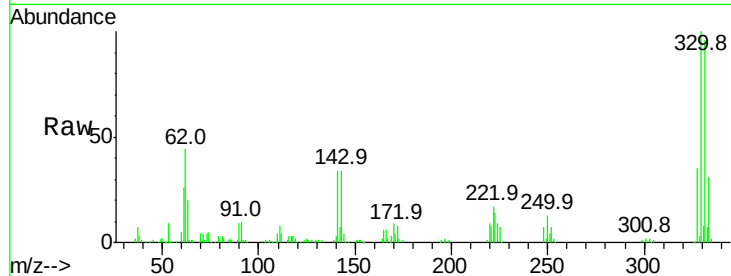




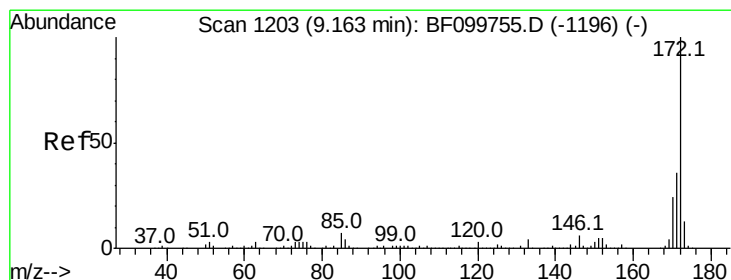
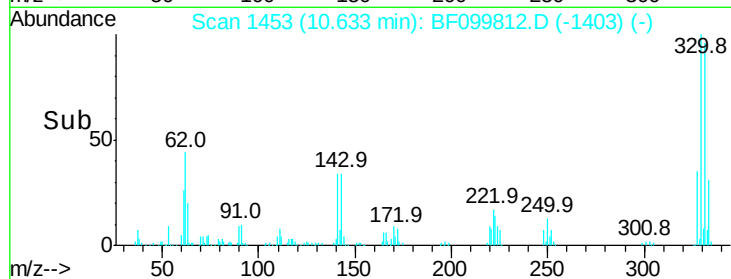
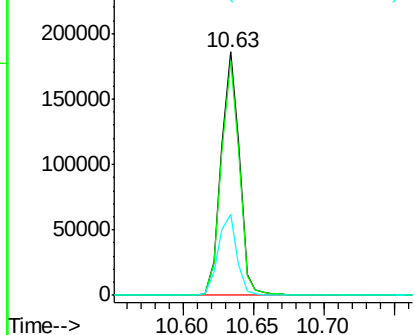
#41
 2,4,6-Tribromophenol
 Concen: 108.546 ng
 RT: 10.63 min Scan# 1453
 Delta R.T. -0.01 min
 Lab File: BF099812.D
 Acq: 25 Oct 2017 14:42

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.8	77.0	115.6
141	33.9	29.9	44.9

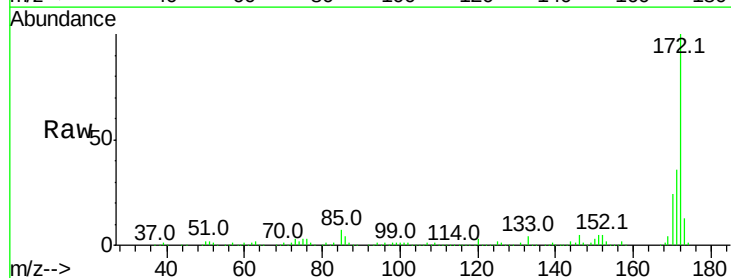


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

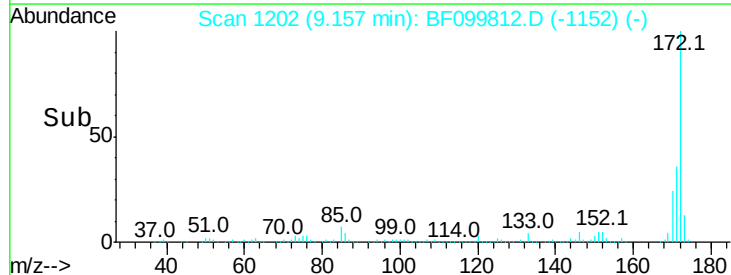
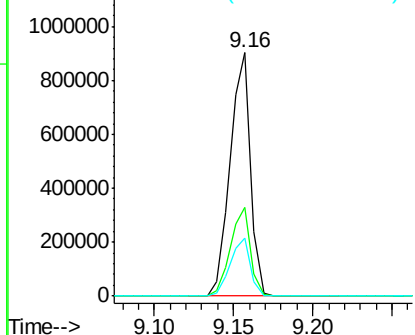


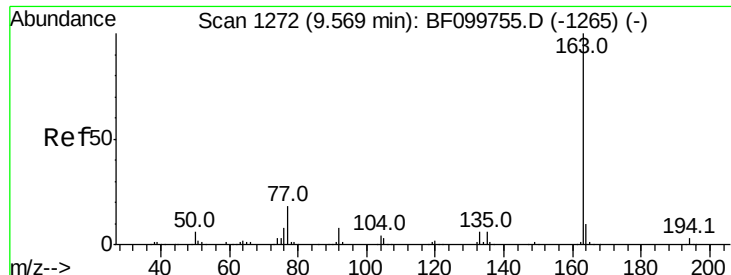
#44
 2-Fluorobiphenyl
 Concen: 73.246 ng
 RT: 9.16 min Scan# 1202
 Delta R.T. -0.00 min
 Lab File: BF099812.D
 Acq: 25 Oct 2017 14:42

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.5	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

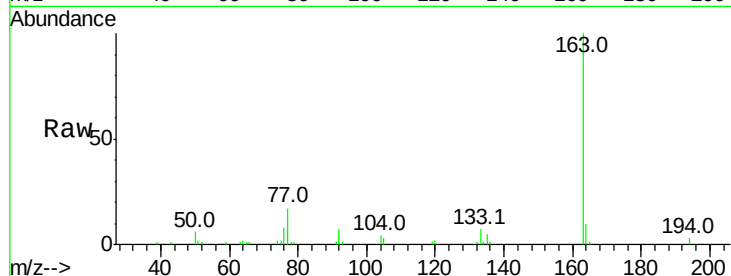




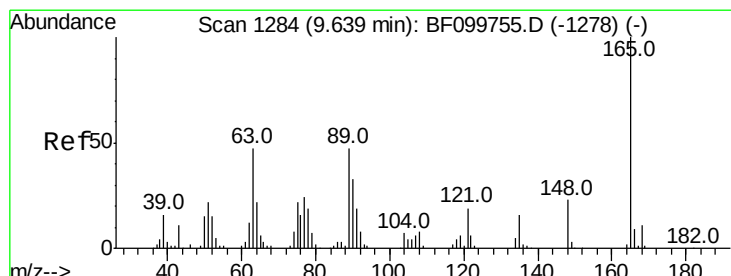
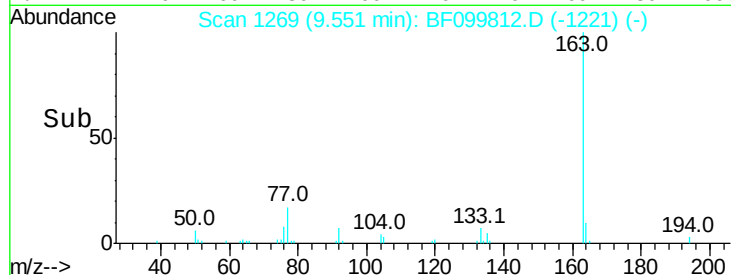
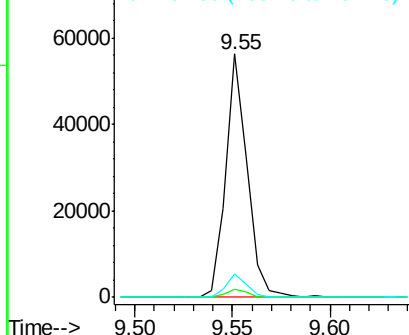
#49
 Dimethylphthalate
 Concen: 3.213 ng
 RT: 9.55 min Scan# 1269
 Delta R.T. -0.02 min
 Lab File: BF099812.D
 Acq: 25 Oct 2017 14:42

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:163 Resp: 43118
 Ion Ratio Lower Upper
 163 100
 194 3.4 2.7 4.1
 164 9.7 8.2 12.2

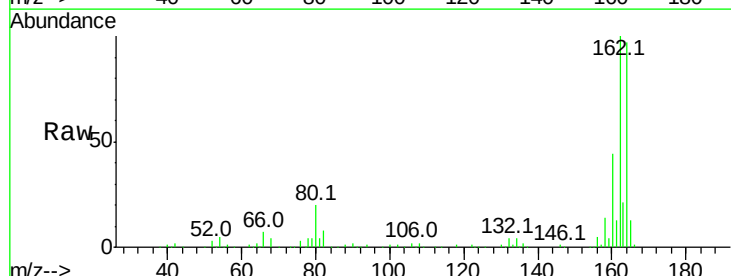


Abundance Ion 163.00 (162.70 to 163.70): E
 Ion 194.00 (193.70 to 194.70): E
 Ion 164.00 (163.70 to 164.70): E

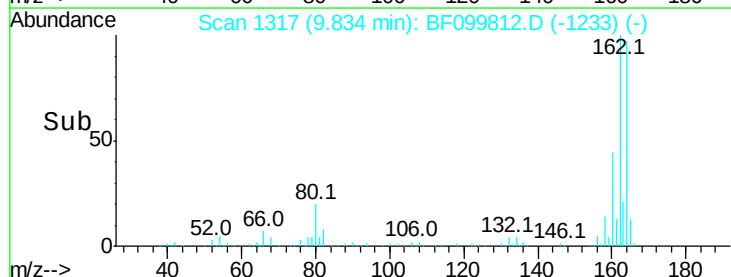
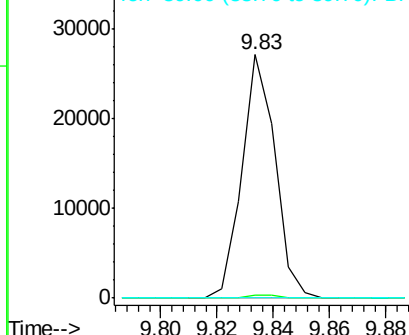


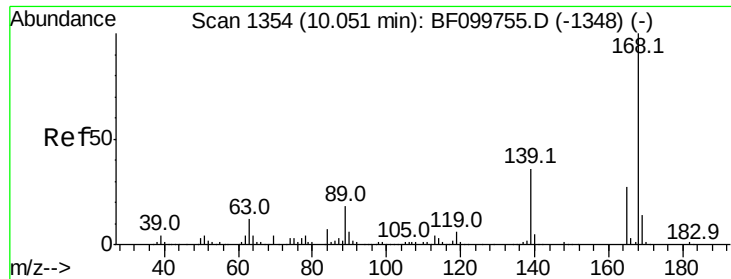
#50
 2,6-Dinitrotoluene
 Concen: 7.808 ng
 RT: 9.83 min Scan# 1317
 Delta R.T. 0.19 min
 Lab File: BF099812.D
 Acq: 25 Oct 2017 14:42

Tgt Ion:165 Resp: 22026
 Ion Ratio Lower Upper
 165 100
 63 1.2 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

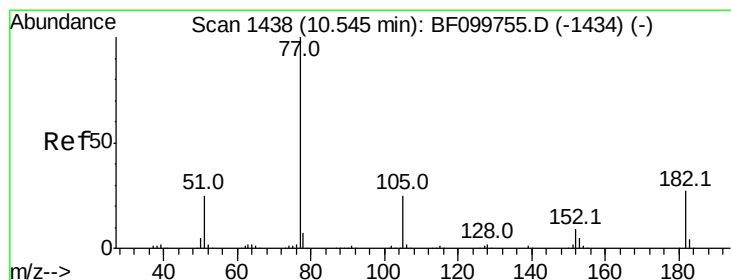
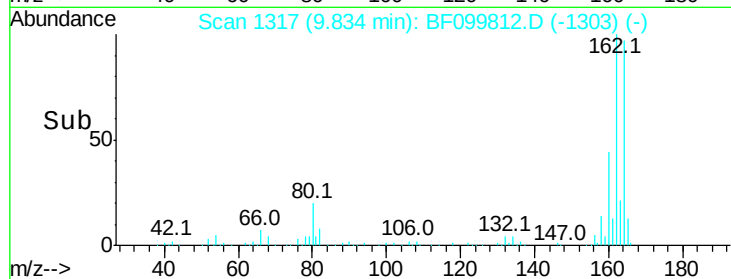
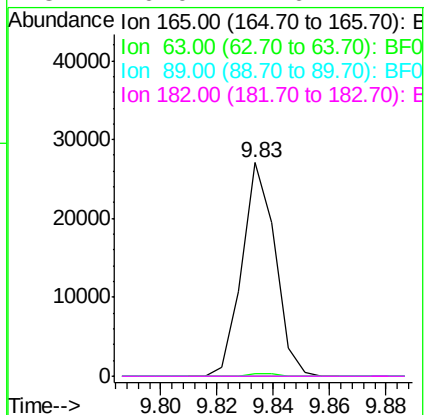
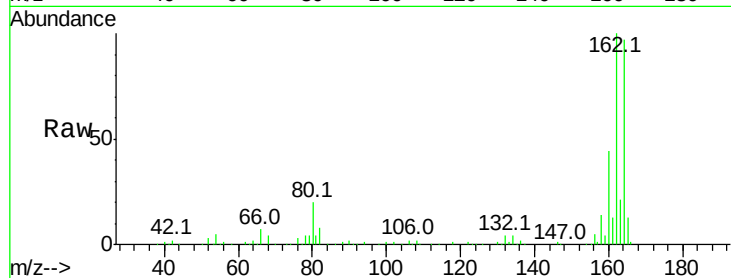




#56
 2,4-Dinitrotoluene
 Concen: 6.483 ng
 RT: 9.83 min Scan# 1317
 Delta R.T. -0.22 min
 Lab File: BF099812.D
 Acq: 25 Oct 2017 14:42

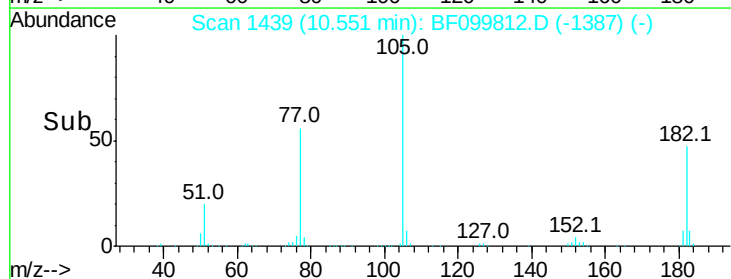
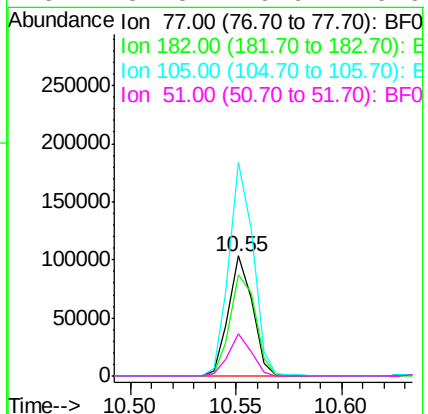
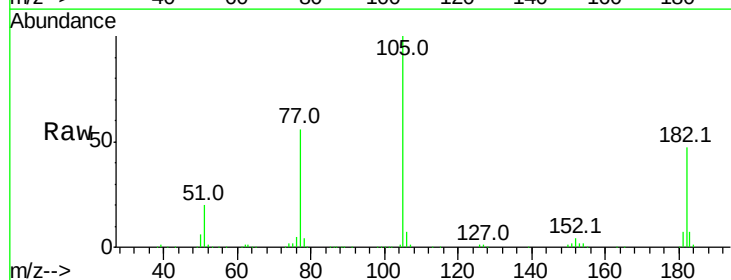
Instrument :
 BNA_F
 ClientSampleId :

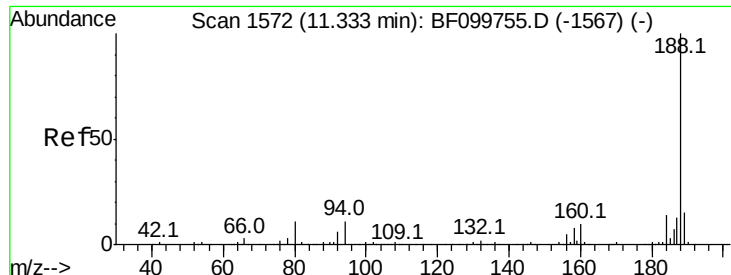
Tot Ion:	165	Resp:	22026
Ion	Ratio	Lower	Upper
165	100		
63	1.2	36.4	54.6#
89	0.0	57.8	86.6#
182	0.0	1.6	2.4#



#62
 Azobenzene
 Concen: 7.426 ng
 RT: 10.55 min Scan# 1439
 Delta R.T. 0.01 min
 Lab File: BF099812.D
 Acq: 25 Oct 2017 14:42

Tgt Ion:	77	Resp:	81576
Ion	Ratio	Lower	Upper
77	100		
182	83.8	1.7	41.7#
105	177.6	3.0	43.0#
51	34.8	9.9	49.9





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.33 min Scan# 1571

Delta R.T. -0.01 min

Lab File: BF099812.D

Acq: 25 Oct 2017 14:42

Instrument :

BNA_F

ClientSampleId :

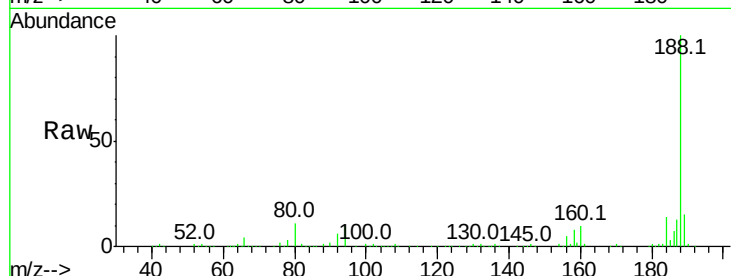
Tot Ion:188 Resp: 319942

Ion Ratio Lower Upper

188 100

94 10.3 8.5 12.7

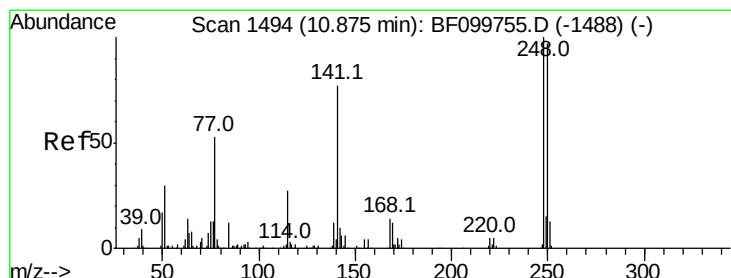
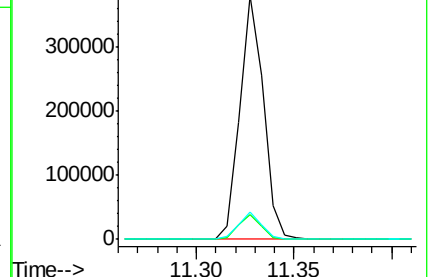
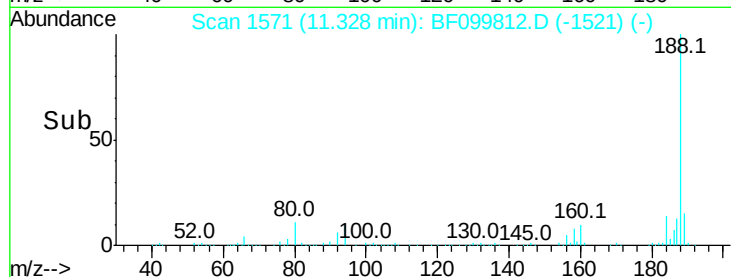
80 11.5 9.2 13.8



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: 3.264 ng

RT: 10.63 min Scan# 1453

Delta R.T. -0.24 min

Lab File: BF099812.D

Acq: 25 Oct 2017 14:42

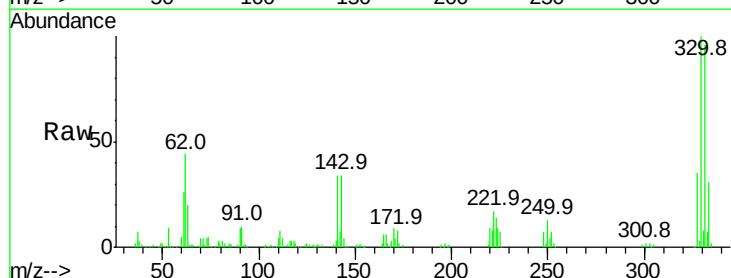
Tgt Ion:248 Resp: 10995

Ion Ratio Lower Upper

248 100

250 194.1 76.9 115.3#

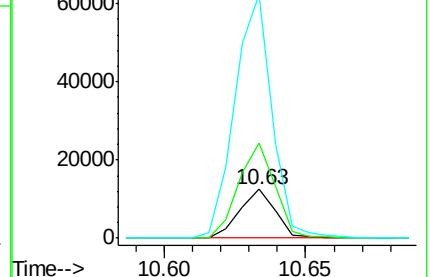
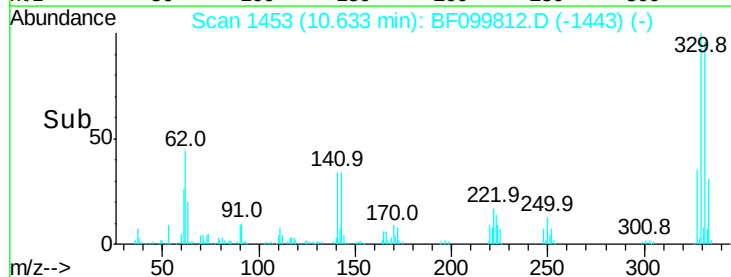
141 499.5 74.4 111.6#

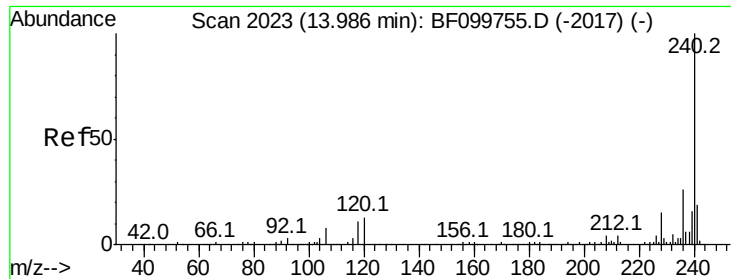


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

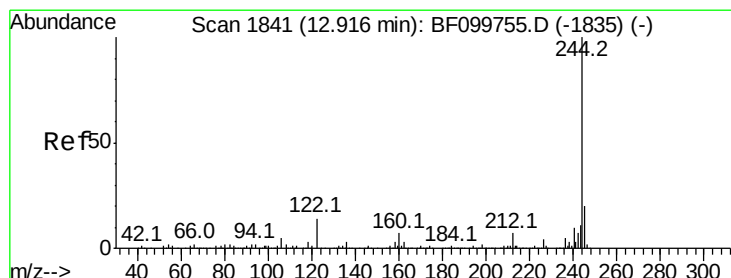
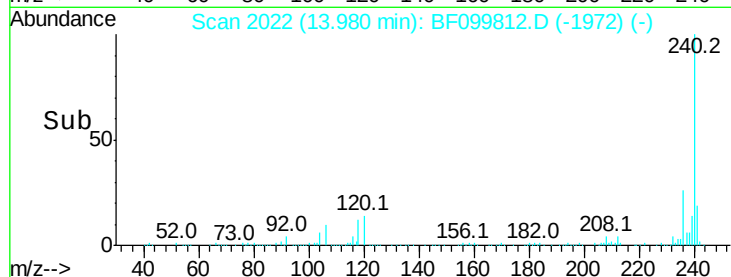
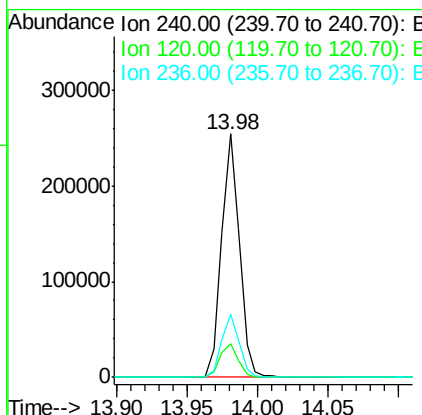
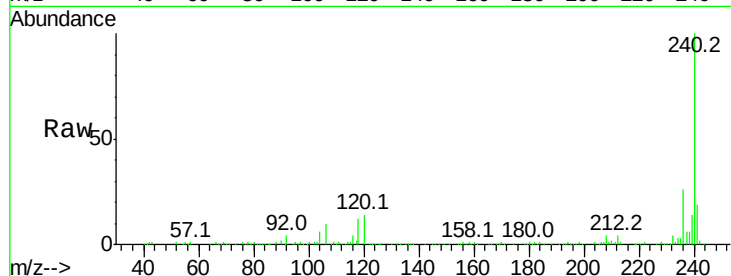




#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.98 min Scan# 2022
 Delta R.T. -0.01 min
 Lab File: BF099812.D
 Acq: 25 Oct 2017 14:42

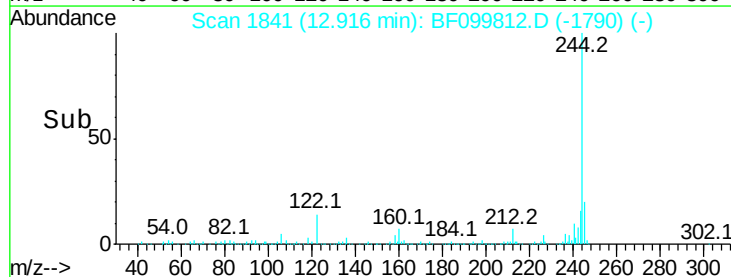
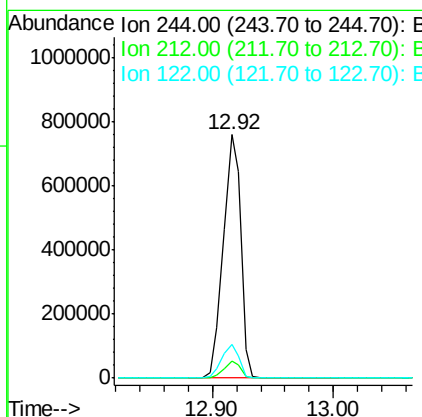
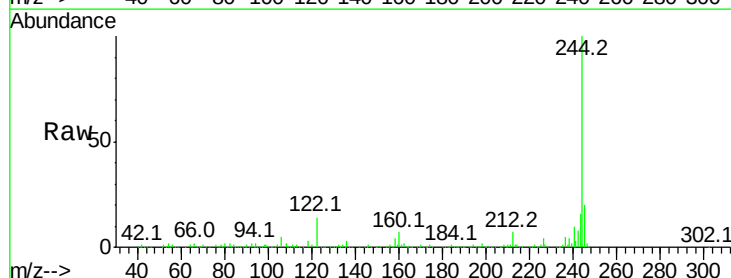
Instrument :
 BNA_F
 ClientSampleId :

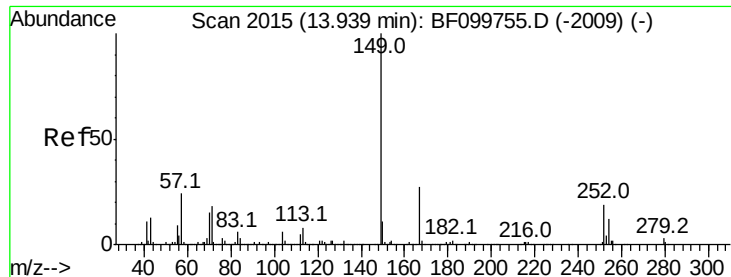
Tot Ion:240 Resp: 224956
 Ion Ratio Lower Upper
 240 100
 120 14.1 9.5 14.3
 236 25.8 20.7 31.1



#78
 Terphenyl-d14
 Concen: 73.460 ng
 RT: 12.92 min Scan# 1841
 Delta R.T. -0.00 min
 Lab File: BF099812.D
 Acq: 25 Oct 2017 14:42

Tgt Ion:244 Resp: 756177
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.4 8.0
 122 13.6 11.0 16.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 3.300 ng

RT: 13.94 min Scan# 2015

Delta R.T. -0.00 min

Lab File: BF099812.D

Acq: 25 Oct 2017 14:42

Instrument :

BNA_F

ClientSampleId :

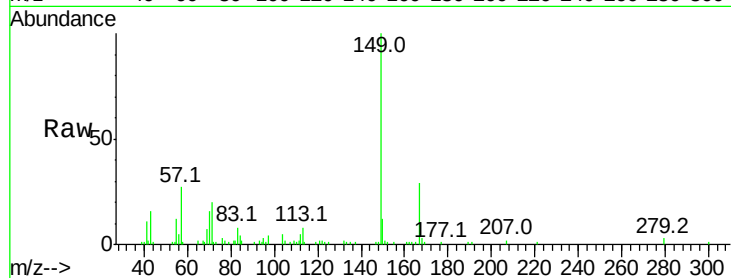
Tot Ion:149 Resp: 39031

Ion Ratio Lower Upper

149 100

167 28.5 21.3 31.9

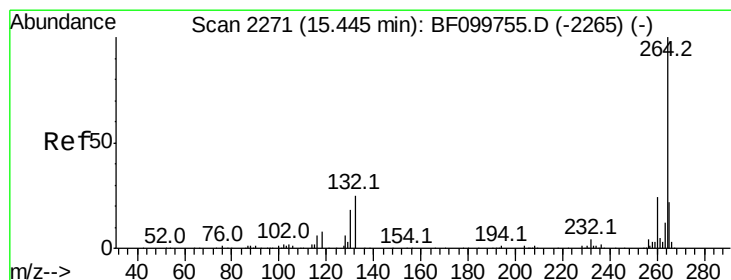
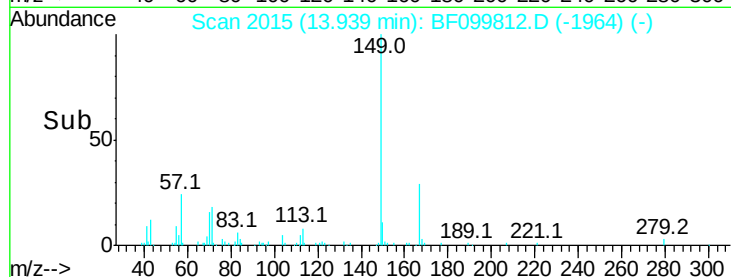
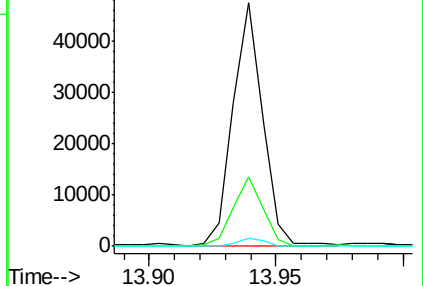
279 3.4 3.0 4.4



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.45 min Scan# 2272

Delta R.T. 0.01 min

Lab File: BF099812.D

Acq: 25 Oct 2017 14:42

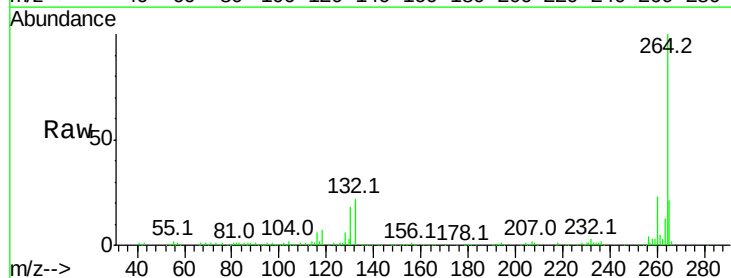
Tgt Ion:264 Resp: 181168

Ion Ratio Lower Upper

264 100

260 23.4 19.2 28.8

265 21.5 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

