

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF110217\
 Data File : BF100115.D
 Acq On : 3 Nov 2017 5:54
 Operator : SJ/JU
 Sample : I6276-02
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 03 07:23:38 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 01 18:13:08 2017
 Response via : Initial Calibration

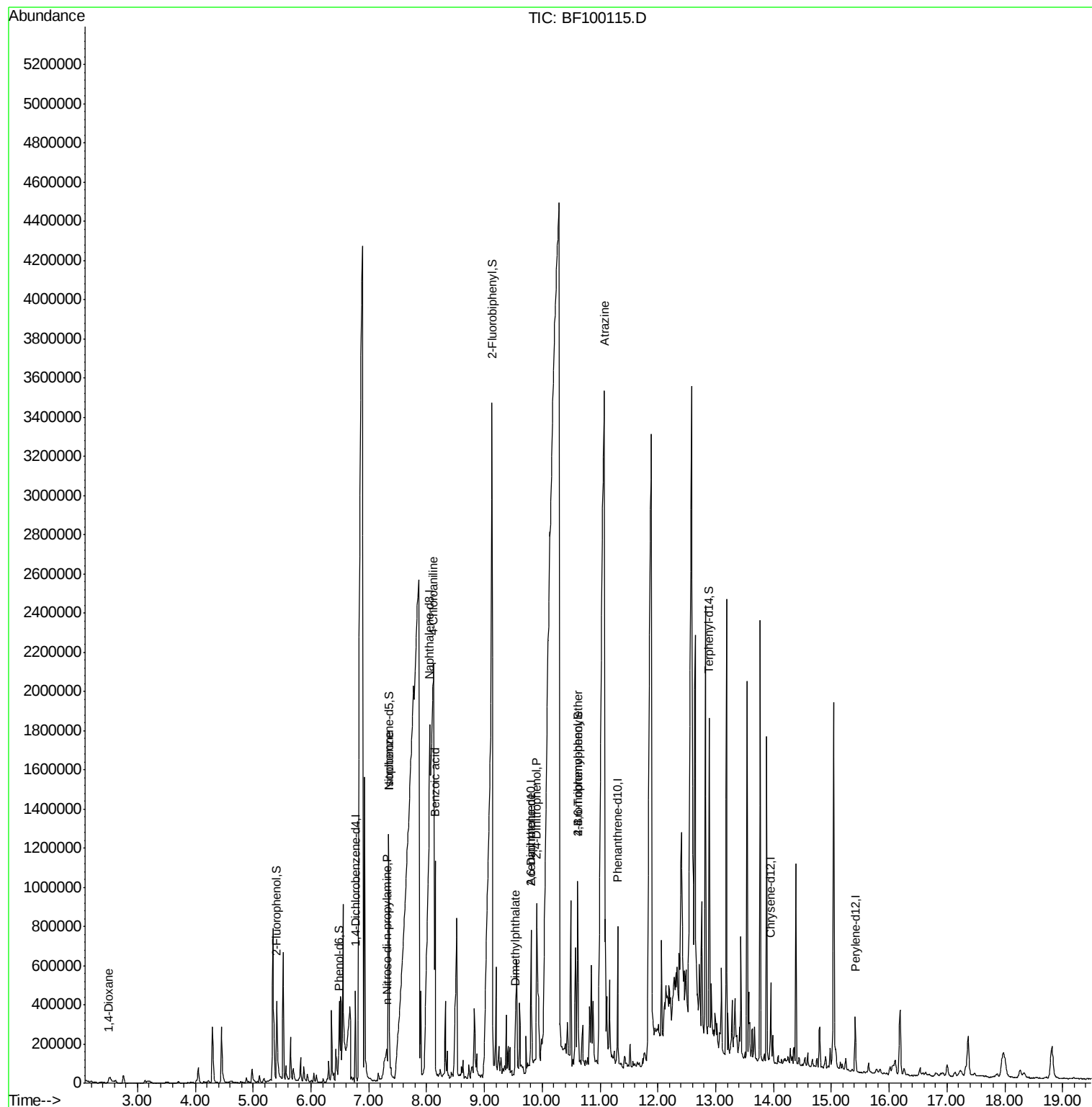
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	76918	20.00	ng	0.00
21) Naphthalene-d8	8.05	136	262401	20.00	ng	-0.01
38) Acenaphthene-d10	9.80	164	138071	20.00	ng	-0.01
63) Phenanthrene-d10	11.30	188	231604	20.00	ng	0.00
75) Chrysene-d12	13.96	240	141020	20.00	ng	-0.02
86) Perylene-d12	15.41	264	131544	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	199156	40.65	ng	0.01
7) Phenol-d6	6.50	99	194429	33.47	ng	0.07
23) Nitrobenzene-d5	7.35	82	383288	94.04	ng	0.00
41) 2,4,6-Tribromophenol	10.61	330	99928	79.42	ng	0.00
44) 2-Fluorobiphenyl	9.13	172	671544	75.04	ng	0.00
78) Terphenyl-d14	12.89	244	602075	93.30	ng	-0.01
Target Compounds						
2) 1,4-Dioxane	2.50	88	18881	8.727	ng	# 81
19) n-Nitroso-di-n-propylamine	7.30	70	11637	3.418	ng	# 35
25) Isophorone	7.35	82	383288	51.825	ng	# 64
32) Benzoic acid	8.15	122	188485	61.788	ng	# 93
33) 4-Chloroaniline	8.11	127	16777	3.208	ng	# 54
49) Dimethylphthalate	9.53	163	42523	3.889	ng	# 99
50) 2,6-Dinitrotoluene	9.80	165	19842	8.632	ng	# 24
53) 2,4-Dinitrophenol	9.90	184	895	6.676	ng	# 51
66) 4-Bromophenyl-phenylether	10.61	248	6723	2.757	ng	# 1
68) Atrazine	11.08	200	14635	5.699	ng	# 50

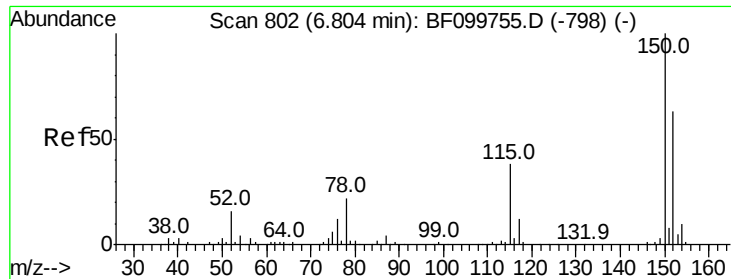
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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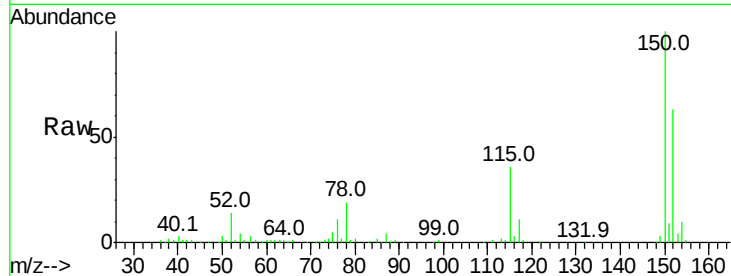


#1

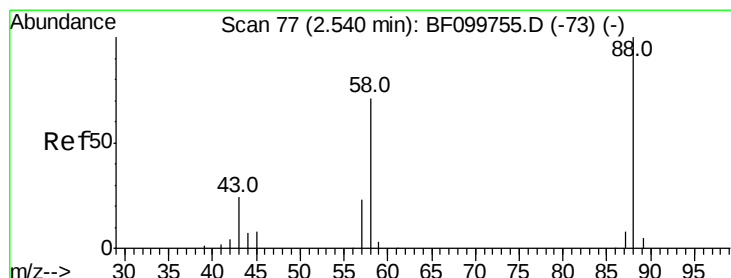
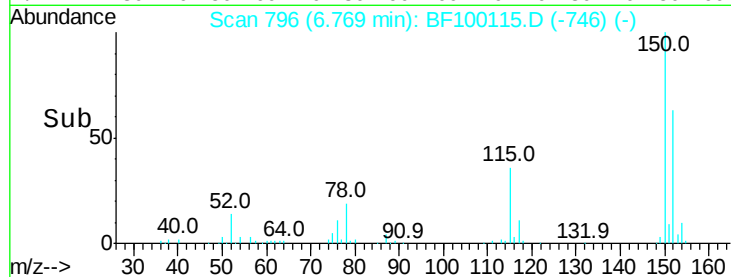
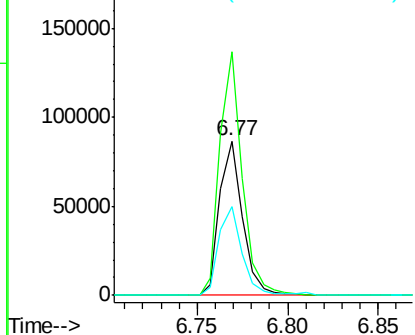
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.77 min Scan# 796
Delta R.T. -0.01 min
Lab File: BF100115.D
Acq: 3 Nov 2017 5:54

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 76918
Ion Ratio Lower Upper
152 100
150 158.0 124.6 186.8
115 57.3 50.1 75.1



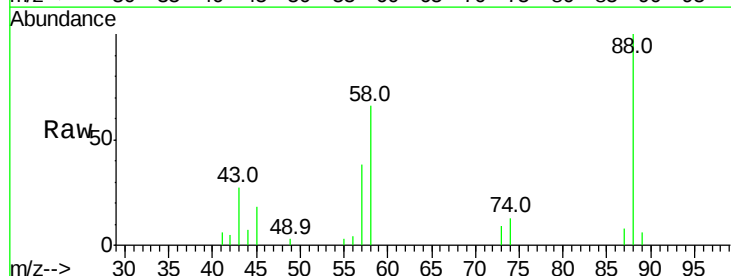
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



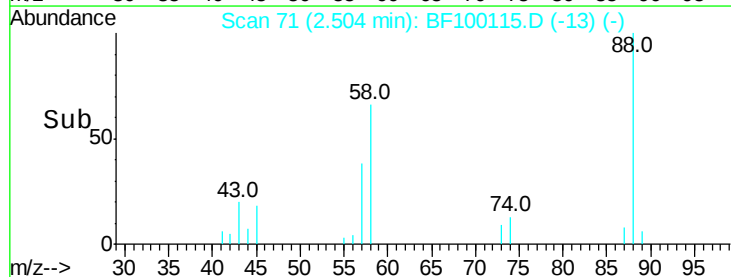
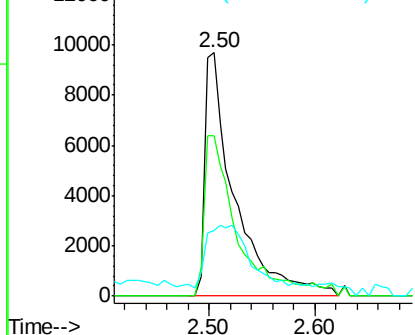
#2

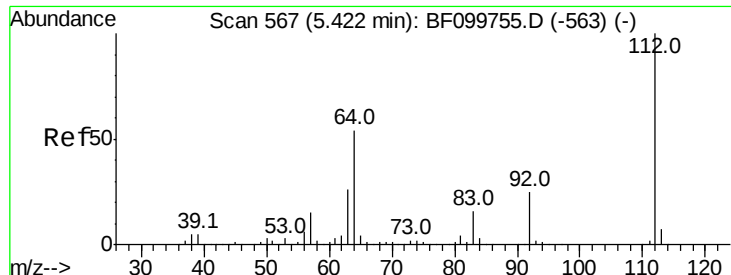
1,4-Dioxane
Concen: 8.727 ng
RT: 2.50 min Scan# 71
Delta R.T. 0.04 min
Lab File: BF100115.D
Acq: 3 Nov 2017 5:54

Tgt Ion: 88 Resp: 18881
Ion Ratio Lower Upper
88 100
58 75.0 62.6 93.8
43 0.0 24.6 37.0#



Abundance Ion 88.00 (87.70 to 88.70): BF1
Ion 58.00 (57.70 to 58.70): BF1
Ion 43.00 (42.70 to 43.70): BF1





#5

2-Fluorophenol

Concen: 40.650 ng

RT: 5.40 min Scan# 564

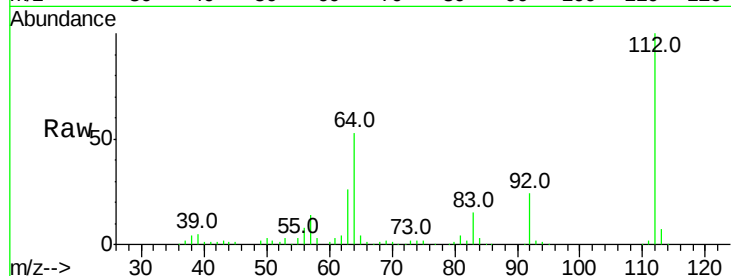
Delta R.T. 0.01 min

Lab File: BF100115.D

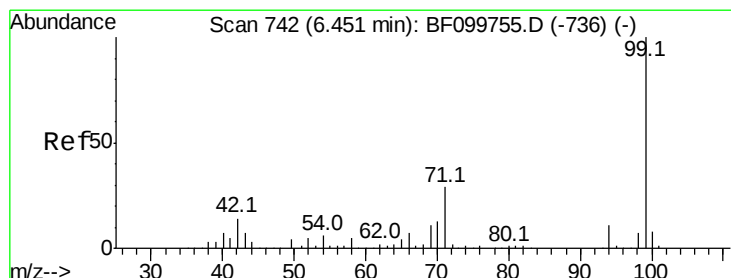
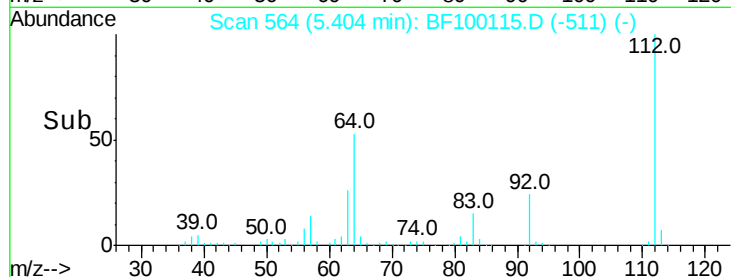
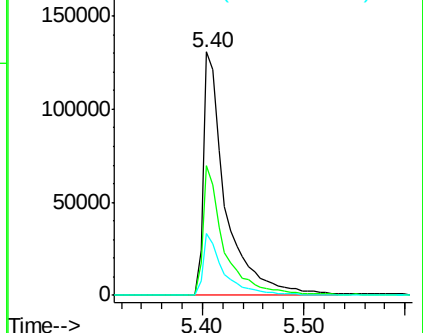
Acq: 3 Nov 2017 5:54

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	112	Resp:	199156
Ion	Ratio	Lower	Upper
112	100		
64	53.1	47.9	71.9
63	25.6	23.7	35.5



Abundance Ion 112.00 (111.70 to 112.70): BF1
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1



#7

Phenol-d6

Concen: 33.469 ng

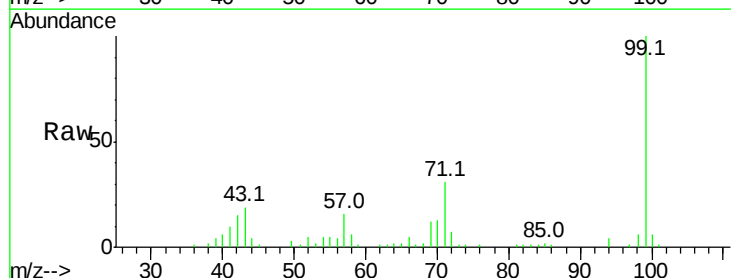
RT: 6.50 min Scan# 750

Delta R.T. 0.07 min

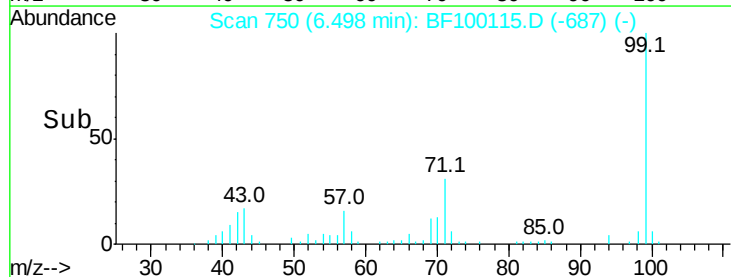
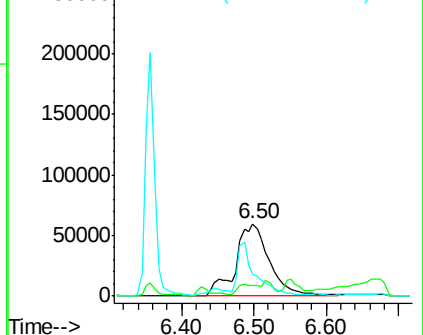
Lab File: BF100115.D

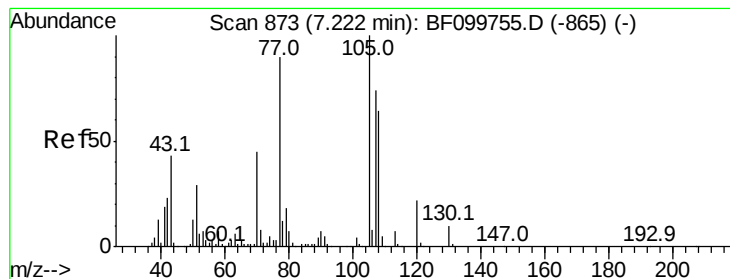
Acq: 3 Nov 2017 5:54

Tgt Ion:	99	Resp:	194429
Ion	Ratio	Lower	Upper
99	100		
42	14.8	14.5	21.7
71	31.0	25.4	38.0



Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1





#19

n-Nitroso-di-n-propylamine

Concen: 3.418 ng

RT: 7.30 min Scan# 887

Delta R.T. 0.11 min

Lab File: BF100115.D

Acq: 3 Nov 2017 5:54

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 11637

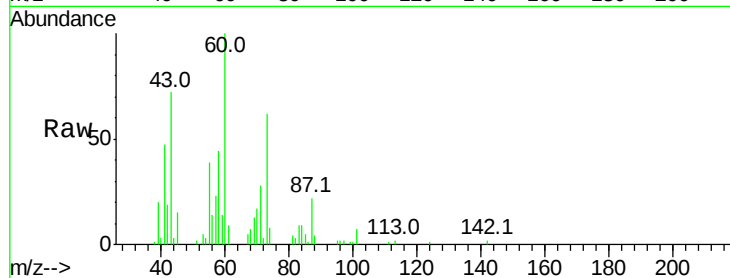
Ion Ratio Lower Upper

70 100

42 110.1 47.5 71.3#

101 42.8 7.4 11.2#

130 0.0 16.6 25.0#

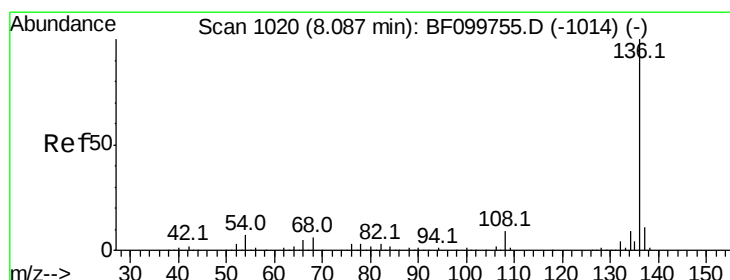
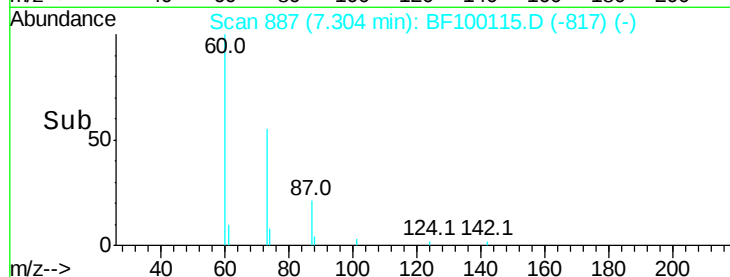
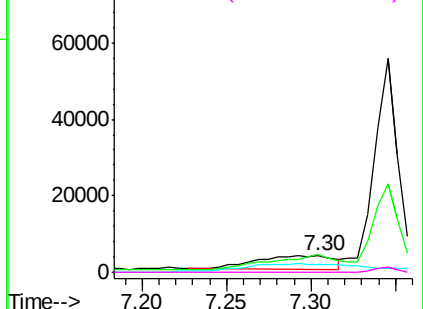


Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.05 min Scan# 1014

Delta R.T. -0.01 min

Lab File: BF100115.D

Acq: 3 Nov 2017 5:54

Tgt Ion: 136 Resp: 262401

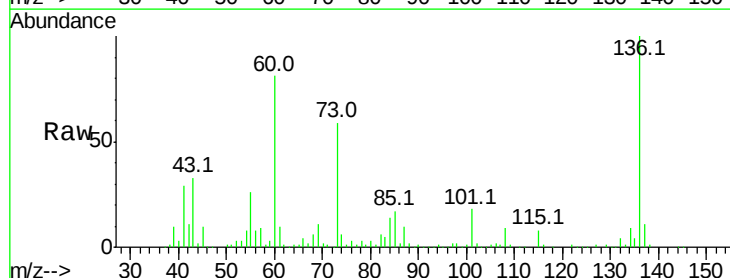
Ion Ratio Lower Upper

136 100

137 11.4 8.9 13.3

54 7.9 6.6 9.8

68 6.3 5.0 7.4

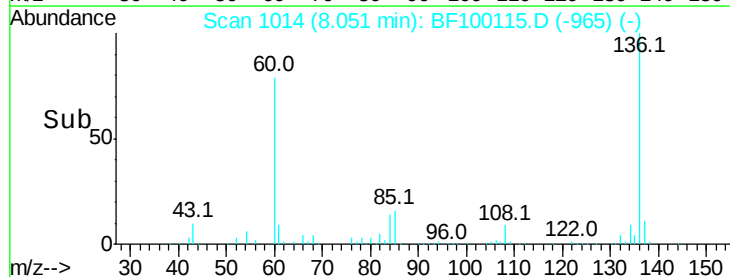
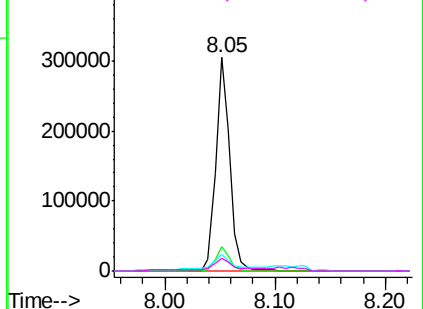


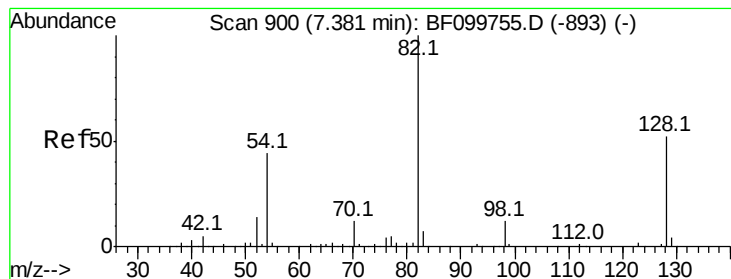
Abundance Ion 136.00 (135.70 to 136.70): BF1

Ion 137.00 (136.70 to 137.70): BF1

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1





#23

Nitrobenzene-d5

Concen: 94.040 ng

RT: 7.35 min Scan# 894

Delta R.T. -0.01 min

Lab File: BF100115.D

Acq: 3 Nov 2017 5:54

Instrument :

BNA_F

ClientSampleId :

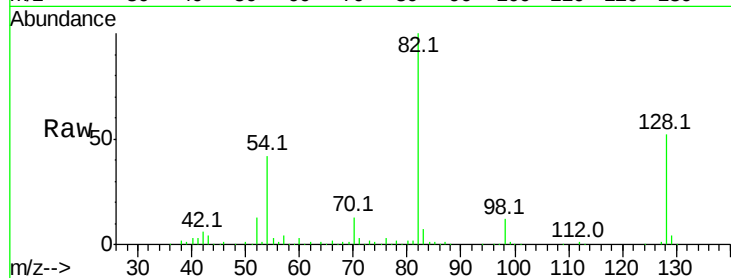
Tot Ion: 82 Resp: 383288

Ion Ratio Lower Upper

82 100

128 51.5 36.1 54.1

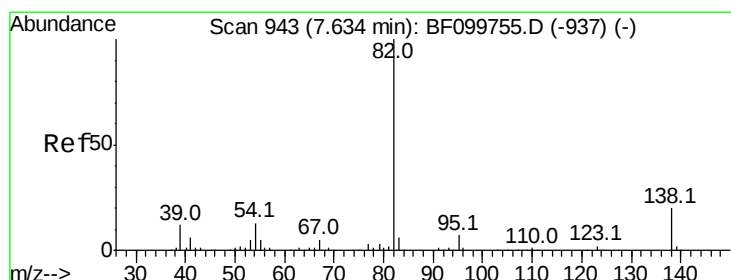
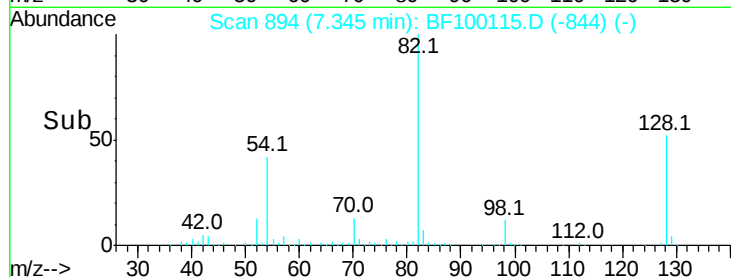
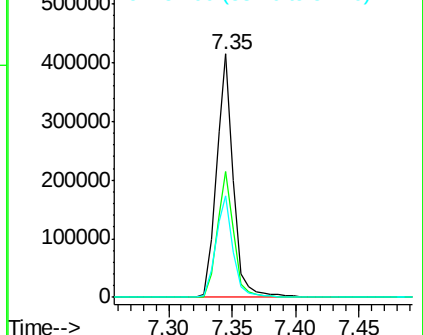
54 41.9 41.4 62.2



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): BF1

Ion 54.00 (53.70 to 54.70): BF1



#25

Isophorone

Concen: 51.825 ng

RT: 7.35 min Scan# 894

Delta R.T. -0.26 min

Lab File: BF100115.D

Acq: 3 Nov 2017 5:54

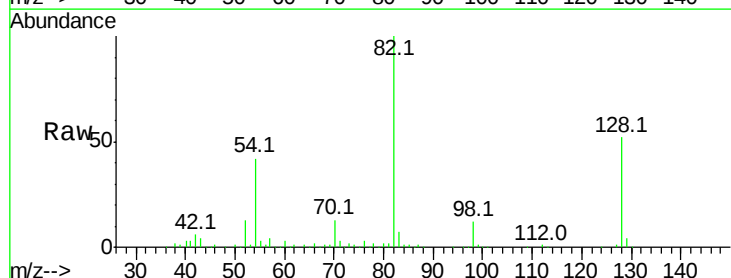
Tgt Ion: 82 Resp: 383288

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

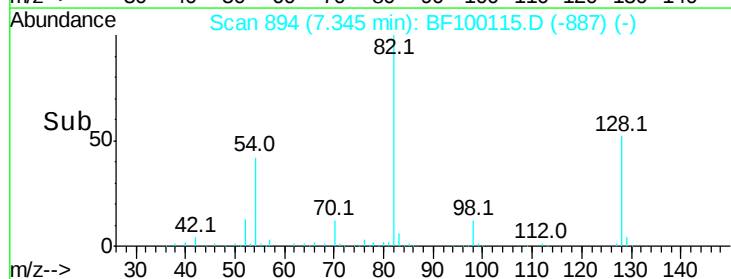
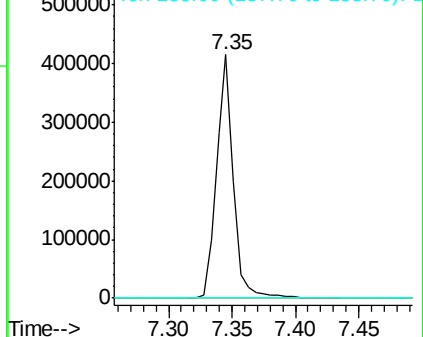
138 0.0 14.9 22.3#

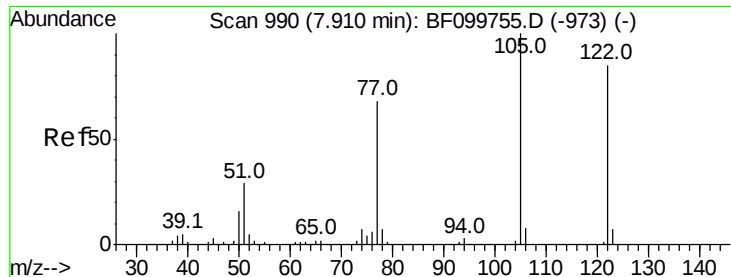


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1





#32

Benzoic acid

Concen: 61.788 ng

RT: 8.15 min Scan# 1030

Delta R.T. 0.26 min

Lab File: BF100115.D

Acq: 3 Nov 2017 5:54

Instrument :

BNA_F

ClientSampleId :

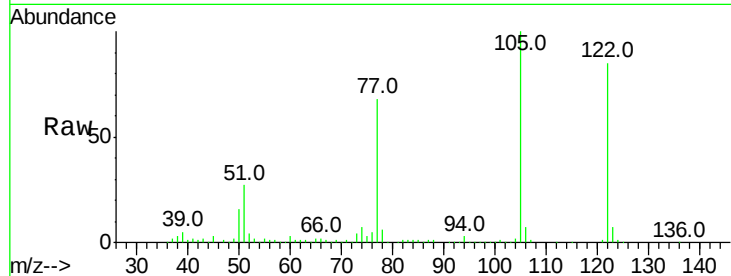
Tot Ion:122 Resp: 188485

Ion Ratio Lower Upper

122 100

105 117.5 101.1 141.1

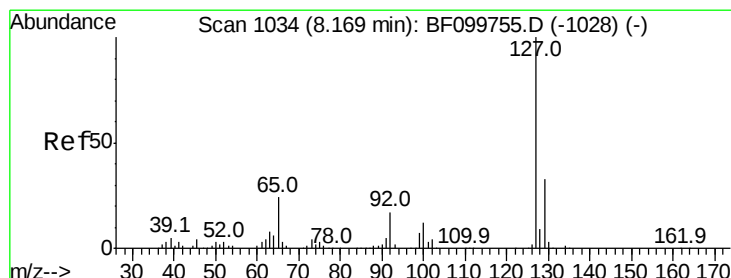
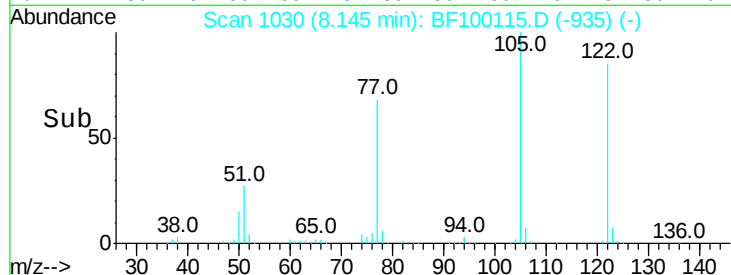
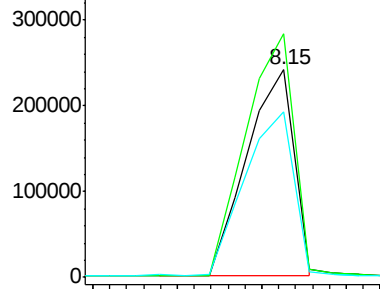
77 80.1 70.7 110.7



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1



#33

4-Chloroaniline

Concen: 3.208 ng

RT: 8.11 min Scan# 1024

Delta R.T. -0.04 min

Lab File: BF100115.D

Acq: 3 Nov 2017 5:54

Tgt Ion:127 Resp: 16777

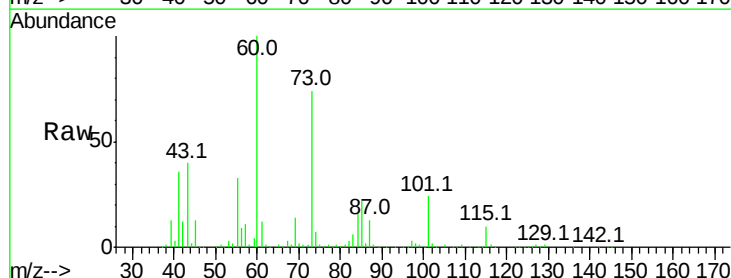
Ion Ratio Lower Upper

127 100

129 70.3 25.9 38.9#

65 45.5 25.0 37.4#

92 0.0 15.2 22.8#

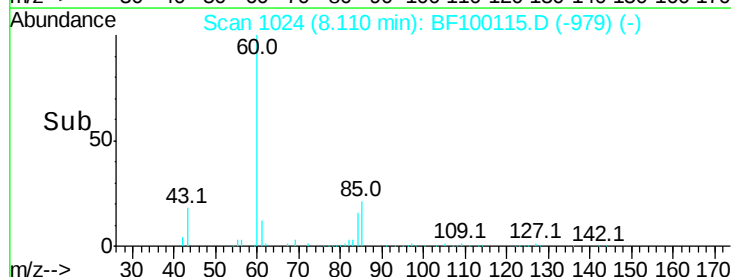
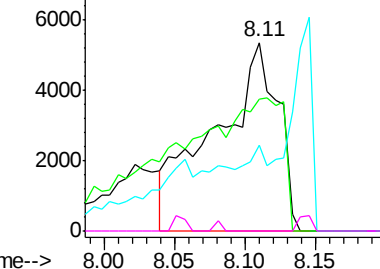


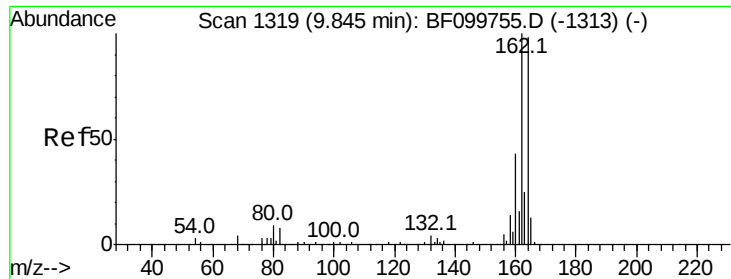
Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.80 min Scan# 1312

Delta R.T. -0.01 min

Lab File: BF100115.D

Acq: 3 Nov 2017 5:54

Instrument :

BNA_F

ClientSampleId :

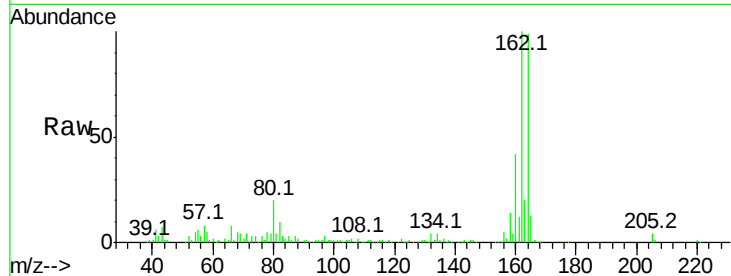
Tot Ion:164 Resp: 138071

Ion Ratio Lower Upper

164 100

162 101.3 86.1 129.1

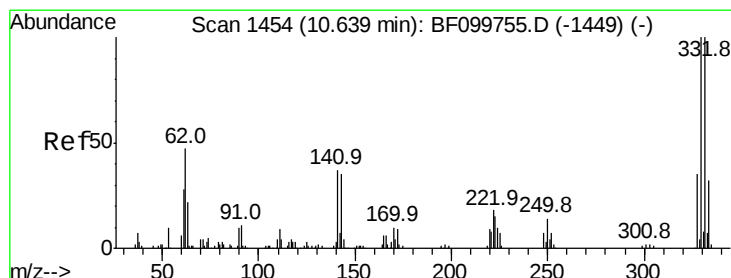
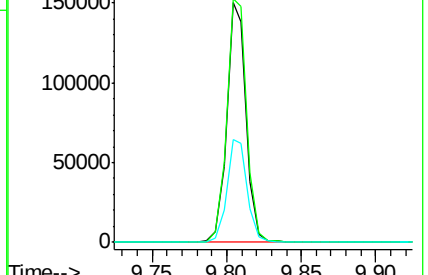
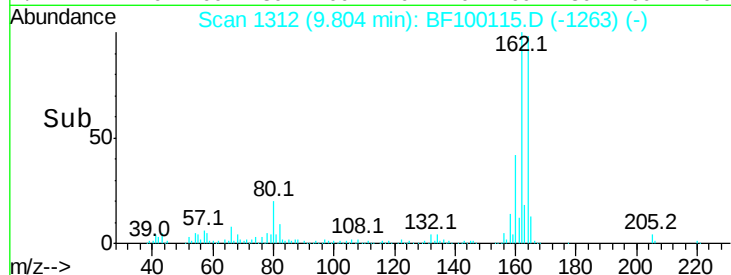
160 42.9 38.3 57.5



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: 79.417 ng

RT: 10.61 min Scan# 1449

Delta R.T. -0.01 min

Lab File: BF100115.D

Acq: 3 Nov 2017 5:54

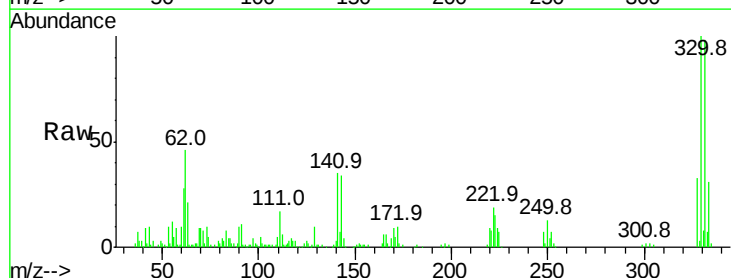
Tgt Ion:330 Resp: 99928

Ion Ratio Lower Upper

330 100

332 97.1 77.0 115.6

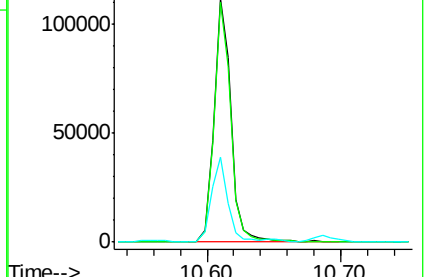
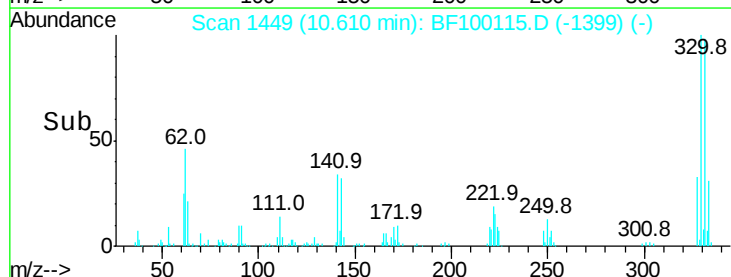
141 35.0 29.9 44.9

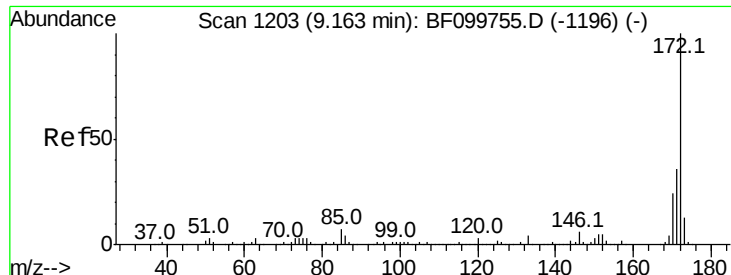


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

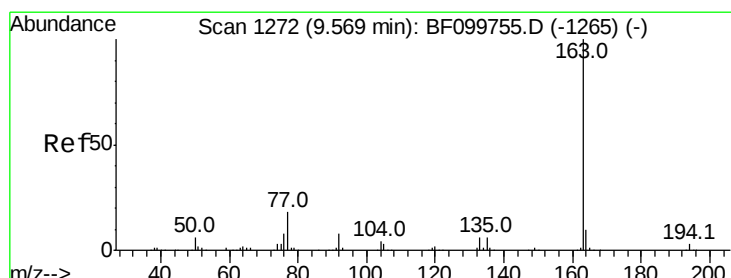
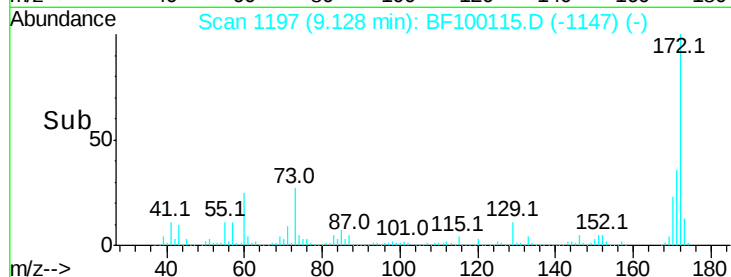
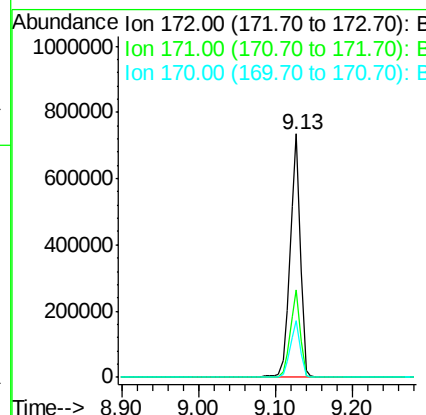
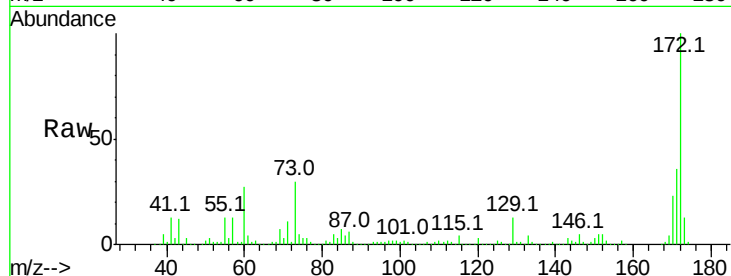




#44
2-Fluorobiphenyl
Concen: 75.040 ng
RT: 9.13 min Scan# 1197
Delta R.T. -0.01 min
Lab File: BF100115.D
Acq: 3 Nov 2017 5:54

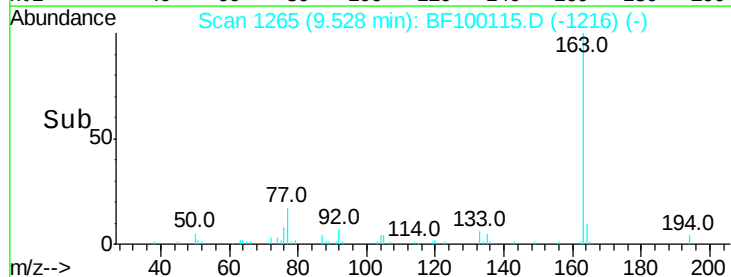
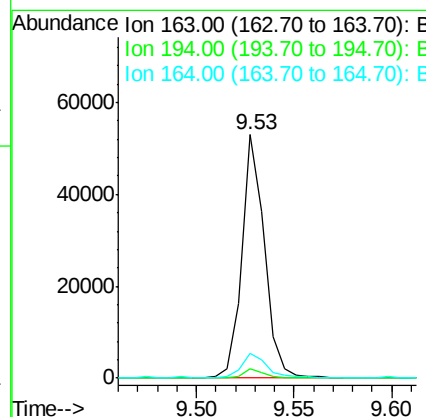
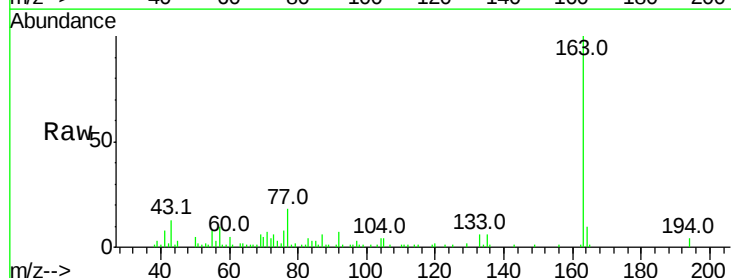
Instrument :
BNA_F
ClientSampleId :

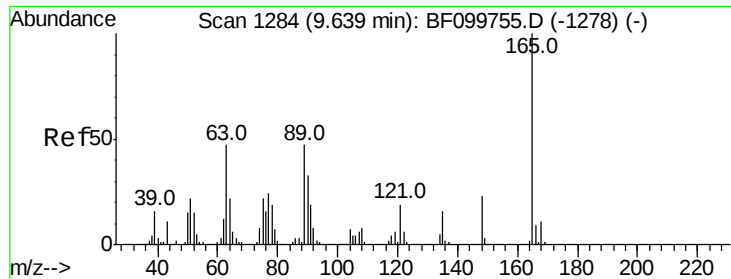
Tot Ion:172 Resp: 671544
Ion Ratio Lower Upper
172 100
171 35.7 29.7 44.5
170 23.2 19.6 29.4



#49
Dimethylphthalate
Concen: 3.889 ng
RT: 9.53 min Scan# 1265
Delta R.T. -0.01 min
Lab File: BF100115.D
Acq: 3 Nov 2017 5:54

Tgt Ion:163 Resp: 42523
Ion Ratio Lower Upper
163 100
194 4.0 2.7 4.1
164 10.4 8.2 12.2

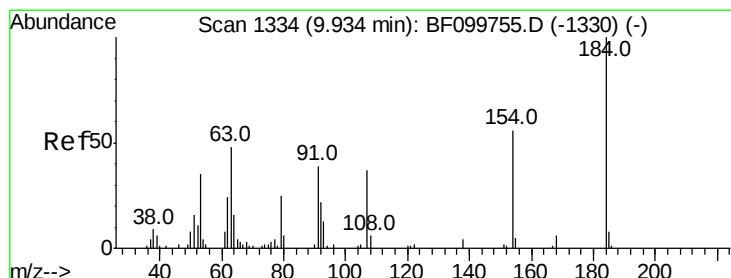
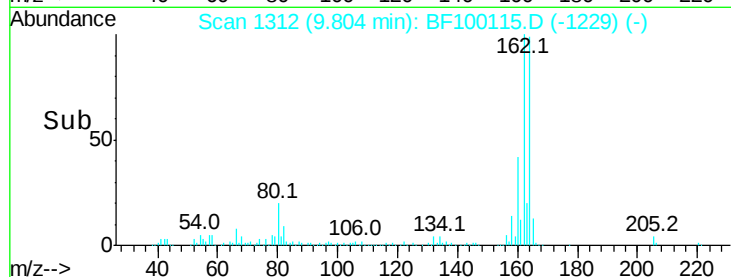
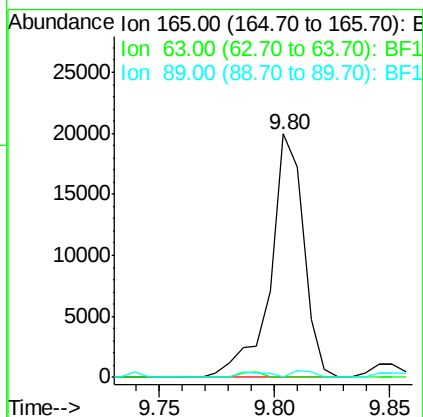
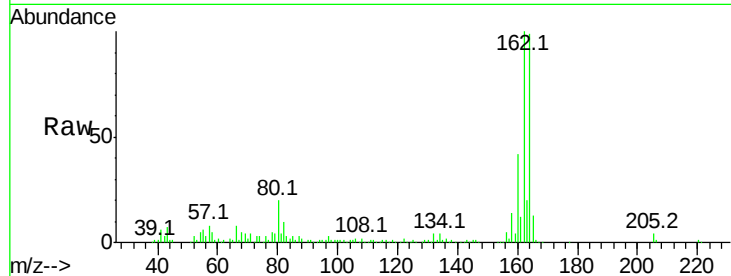




#50
 2,6-Dinitrotoluene
 Concen: 8.632 ng
 RT: 9.80 min Scan# 1312
 Delta R.T. 0.19 min
 Lab File: BF100115.D
 Acq: 3 Nov 2017 5:54

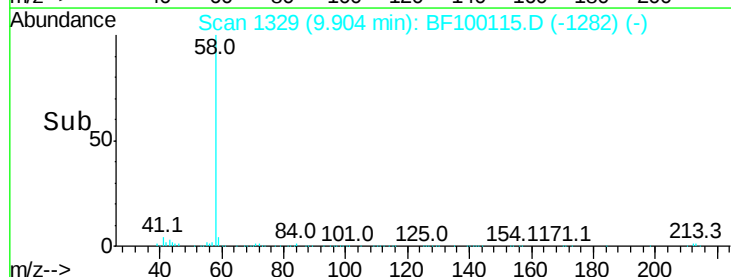
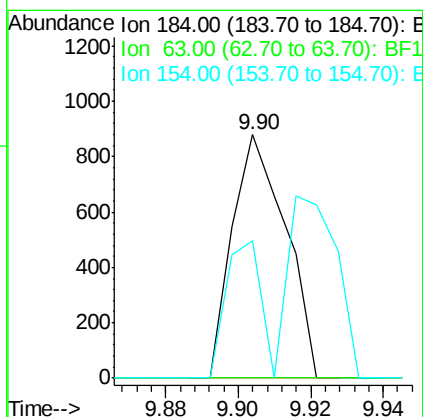
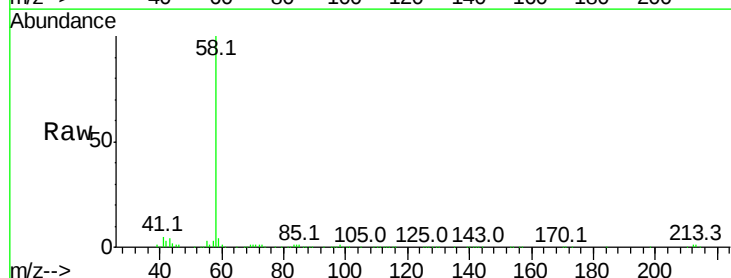
Instrument :
 BNA_F
 ClientSampled :

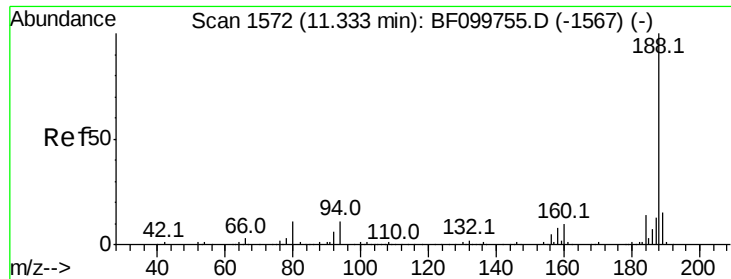
Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	44.7	67.1#
89	0.0	44.0	66.0#



#53
 2,4-Dinitrophenol
 Concen: 6.676 ng
 RT: 9.90 min Scan# 1329
 Delta R.T. -0.02 min
 Lab File: BF100115.D
 Acq: 3 Nov 2017 5:54

Tgt Ion	Ratio	Lower	Upper
184	100		
63	0.0	54.2	81.2#
154	56.4	53.5	80.3

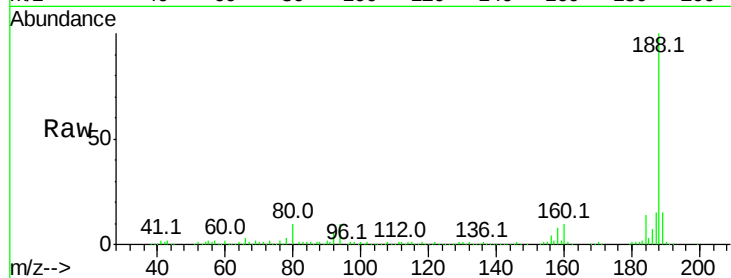




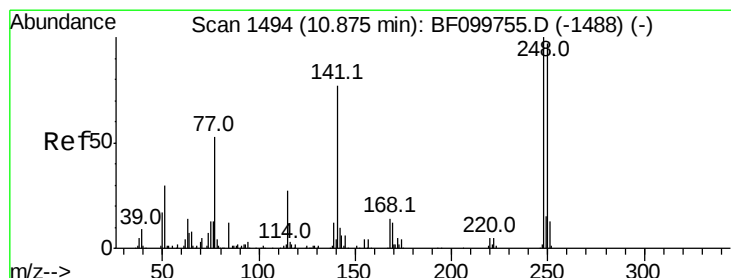
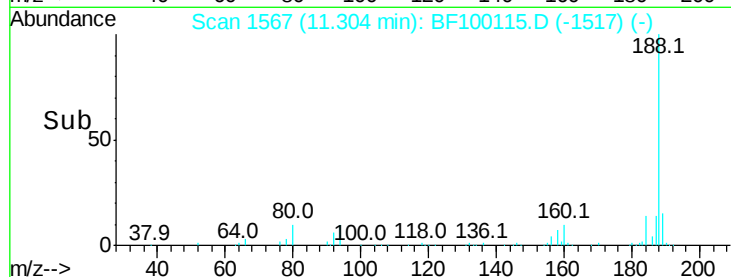
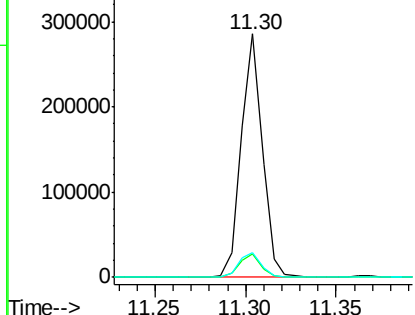
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.30 min Scan# 1567
Delta R.T. -0.01 min
Lab File: BF100115.D
Acq: 3 Nov 2017 5:54

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
188	100		
94	9.9	8.5	12.7
80	10.2	9.2	13.8

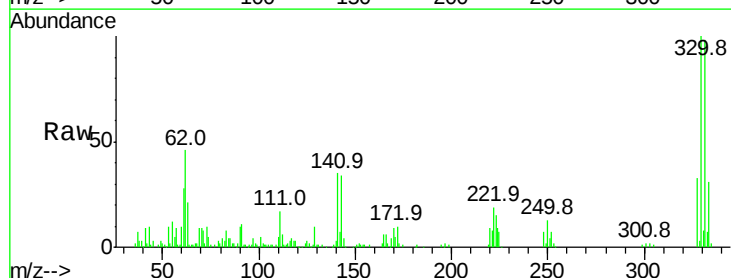


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

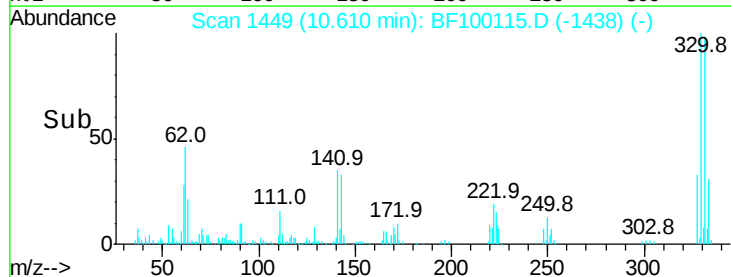
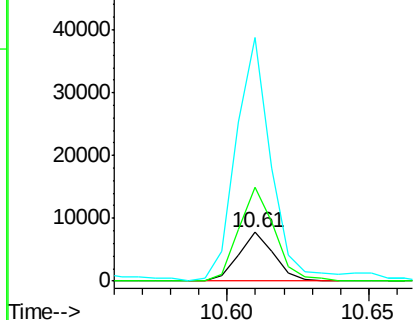


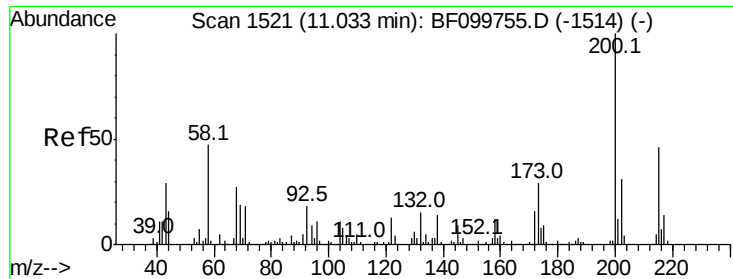
#66
4-Bromophenyl-phenylether
Concen: 2.757 ng
RT: 10.61 min Scan# 1449
Delta R.T. -0.24 min
Lab File: BF100115.D
Acq: 3 Nov 2017 5:54

Tgt Ion	Ratio	Lower	Upper
248	100		
250	192.2	76.9	115.3#
141	501.5	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

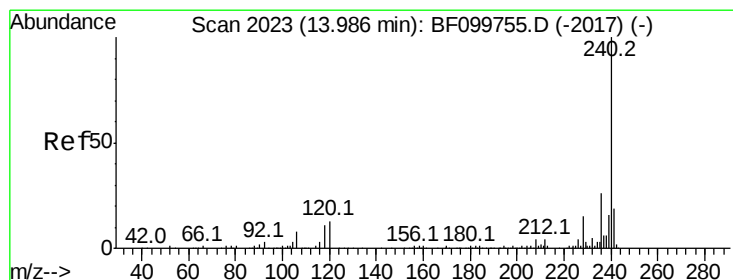
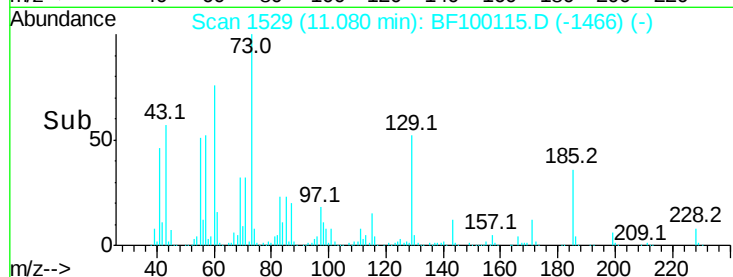
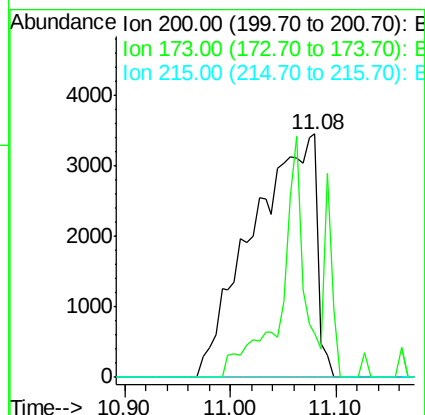
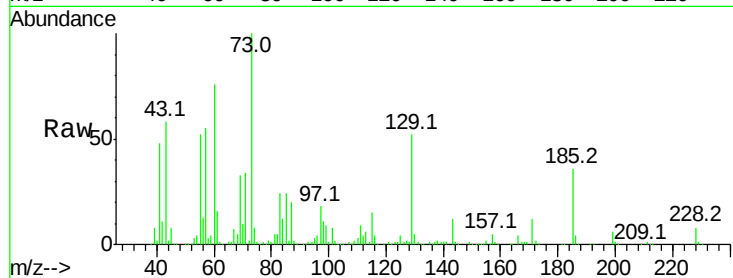




#68
Atrazine
Concen: 5.699 ng
RT: 11.08 min Scan# 1529
Delta R.T. 0.07 min
Lab File: BF100115.D
Acq: 3 Nov 2017 5:54

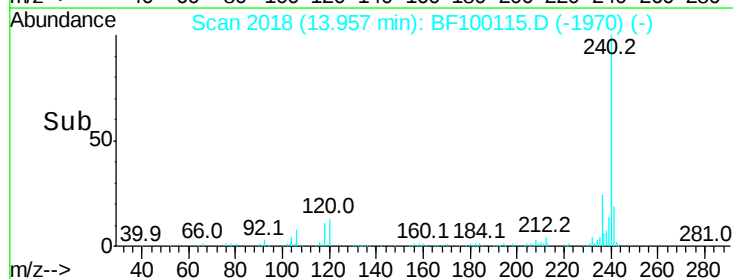
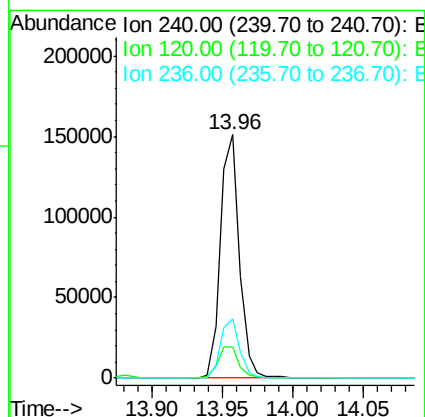
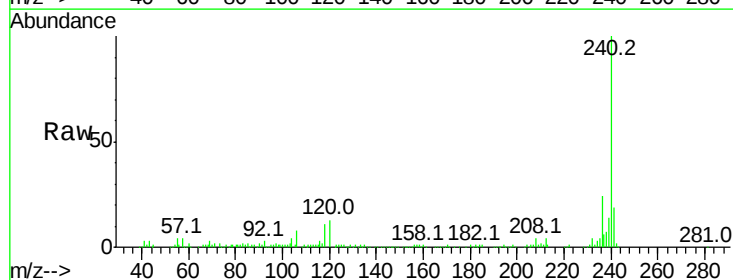
Instrument :
BNA_F
ClientSampled :

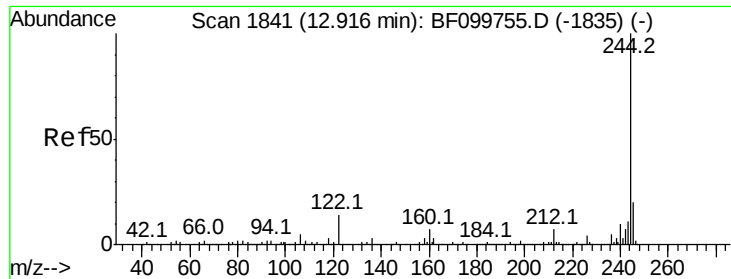
Tot Ion:200 Resp: 14635
Ion Ratio Lower Upper
200 100
173 17.8 8.6 48.6
215 0.0 25.1 65.1#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.96 min Scan# 2018
Delta R.T. -0.02 min
Lab File: BF100115.D
Acq: 3 Nov 2017 5:54

Tgt Ion:240 Resp: 141020
Ion Ratio Lower Upper
240 100
120 12.7 9.5 14.3
236 24.3 20.7 31.1





#78

Terphenyl-d14

Concen: 93.303 ng

RT: 12.89 min Scan# 1836

Delta R.T. -0.01 min

Lab File: BF100115.D

Acq: 3 Nov 2017 5:54

Instrument :

BNA_F

ClientSampleId :

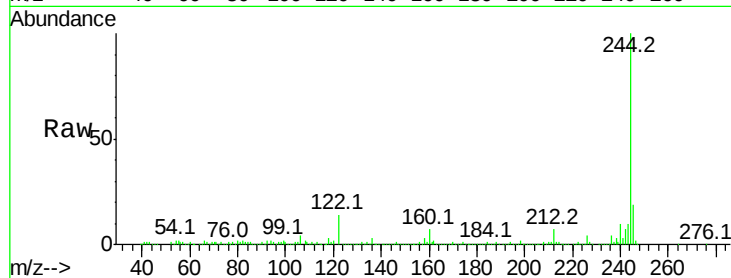
Tot Ion:244 Resp: 602075

Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.0

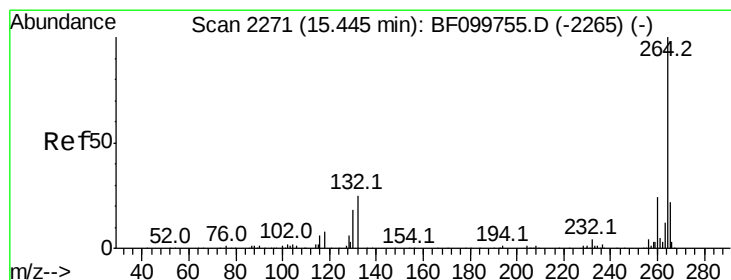
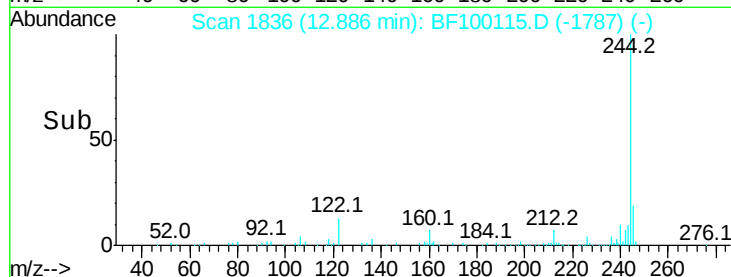
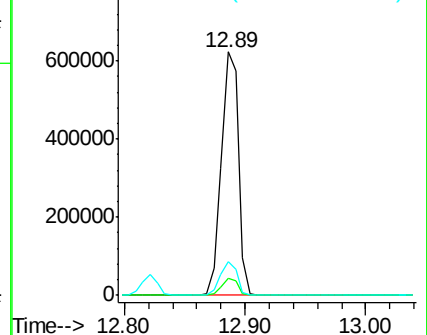
122 13.9 11.0 16.4



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

Perylene-d12

Concen: 20.000 ng

RT: 15.41 min Scan# 2265

Delta R.T. -0.05 min

Lab File: BF100115.D

Acq: 3 Nov 2017 5:54

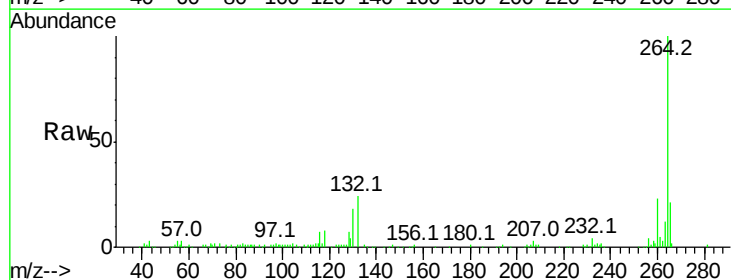
Tgt Ion:264 Resp: 131544

Ion Ratio Lower Upper

264 100

260 22.9 19.2 28.8

265 21.4 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

