

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092618\
 Data File : BF109334.D
 Acq On : 26 Sep 2018 14:17
 Operator : JU/SJ
 Sample : J5064-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 26 15:02:26 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF092218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Sep 22 13:32:18 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	103718	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	393838	20.00	ng	0.00
38) Acenaphthene-d10	9.74	164	133253	20.00	ng	0.00
63) Phenanthrene-d10	11.26	188	118527	20.00	ng	0.04
75) Chrysene-d12	13.88	240	210022	20.00	ng	0.04
86) Perylene-d12	15.26	264	284416	20.00	ng	0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.31	112	369362	58.66	ng	0.00
7) Phenol-d6	6.34	99	564183	70.21	ng	-0.02
23) Nitrobenzene-d5	7.26	82	390548	58.54	ng	-0.02
41) 2,4,6-Tribromophenol	10.54	330	57662	43.90	ng	0.00
44) 2-Fluorobiphenyl	9.06	172	667449	75.54	ng	-0.01
78) Terphenyl-d14	12.86	244	333338	38.95	ng	0.05

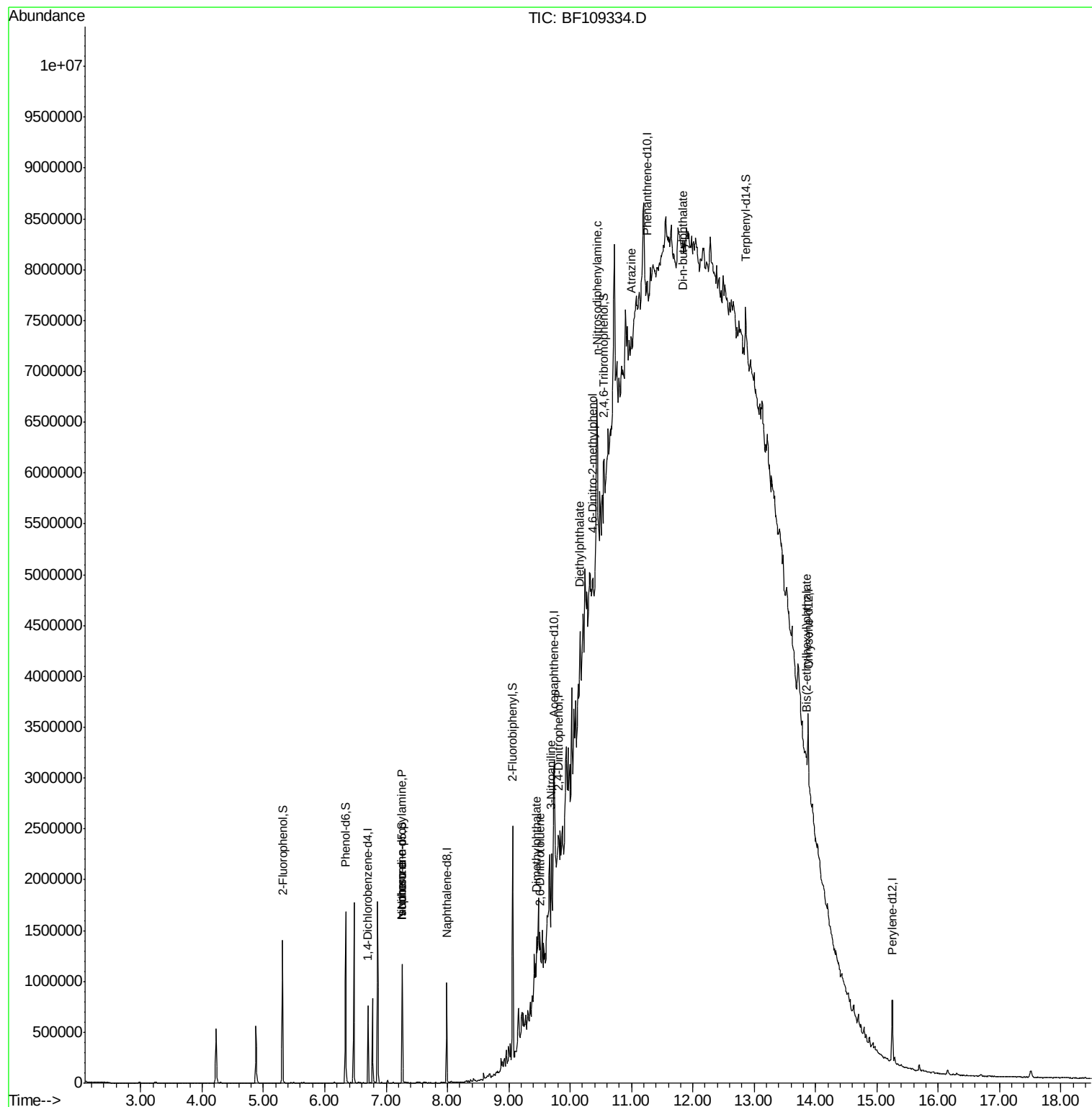
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
19) n-Nitroso-di-n-propylamine	7.26	70	51520	9.785	ng	# 79
25) Isophorone	7.26	82	372777	31.029	ng	# 64
49) Dimethylphthalate	9.46	163	95575	9.861	ng	# 93
50) 2,6-Dinitrotoluene	9.52	165	8397	4.375	ng	# 34
52) 3-Nitroaniline	9.70	138	5809	2.613	ng	# 26
53) 2,4-Dinitrophenol	9.80	184	435	9.073	ng	# 1
59) Diethylphthalate	10.16	149	21696	2.211	ng	# 33
64) 4,6-Dinitro-2-methylphenol	10.37	198	1618	9.467	ng	# 1
65) n-Nitrosodiphenylamine	10.44	169	23969	6.121	ng	# 81
68) Atrazine	10.99	200	6369	5.288	ng	# 1
73) Di-n-butylphthalate	11.83	149	41767	6.075	ng	# 34
83) Bis(2-ethylhexyl)phthalate	13.86	149	29263	3.623	ng	# 85

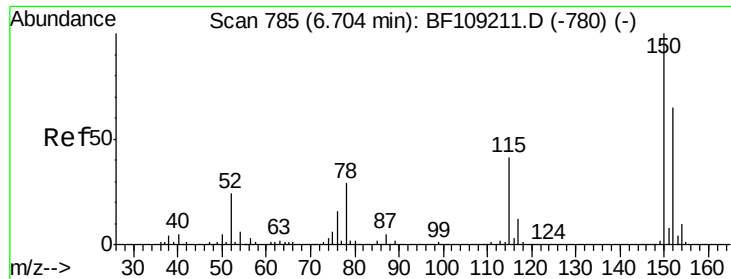
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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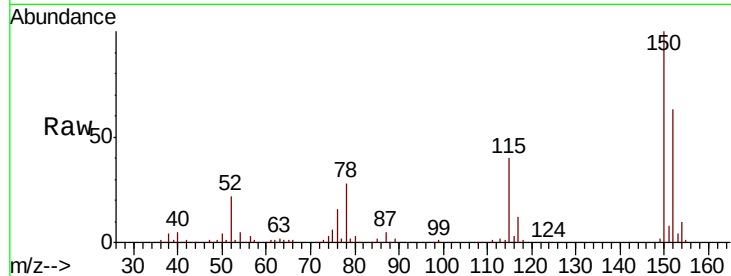


#1

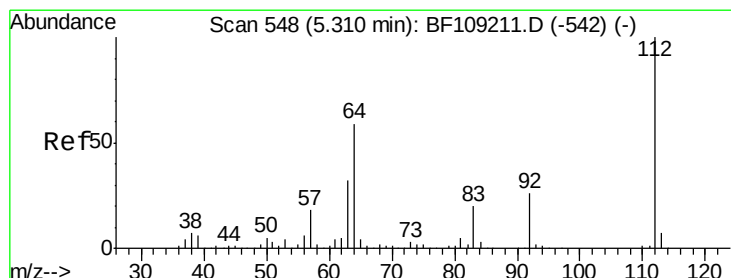
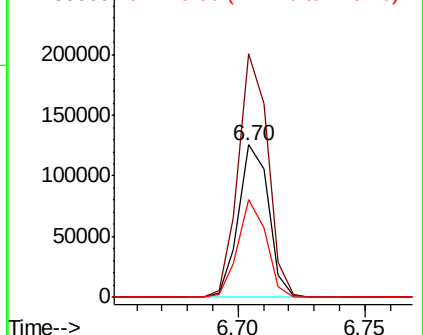
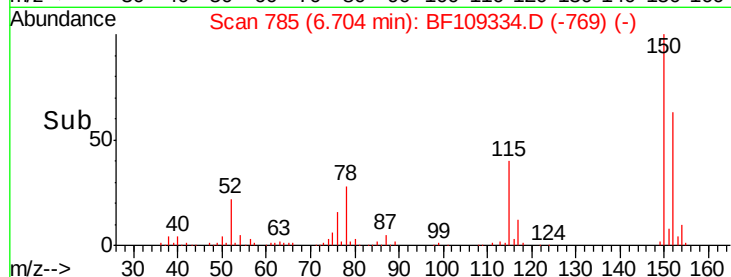
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.70 min Scan# 785
Delta R.T. -0.01 min
Lab File: BF109334.D
Acq: 26 Sep 2018 14:17

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 103718
Ion Ratio Lower Upper
152 100
150 159.7 124.6 186.8
115 63.8 50.1 75.1



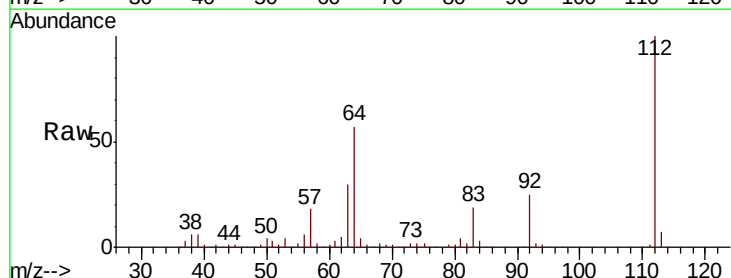
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



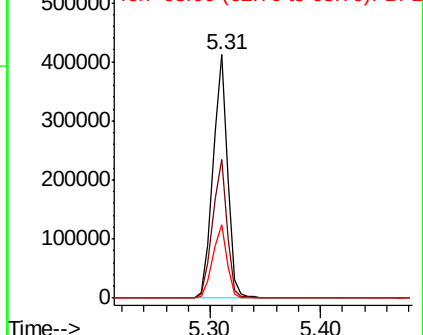
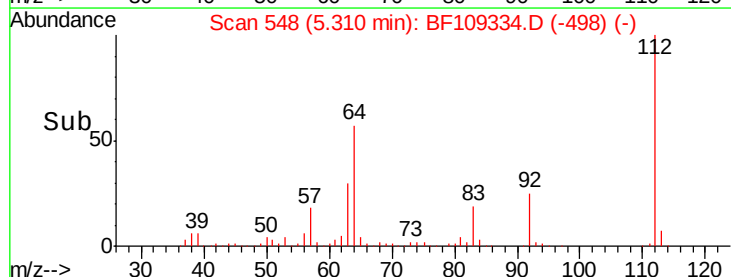
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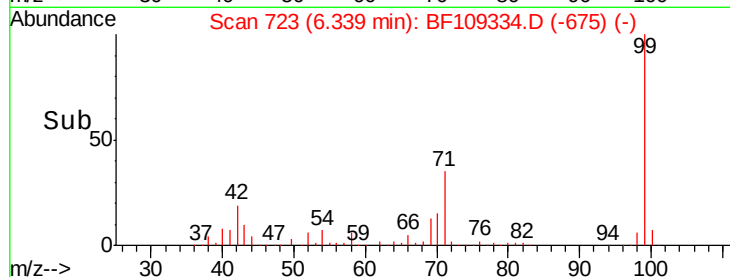
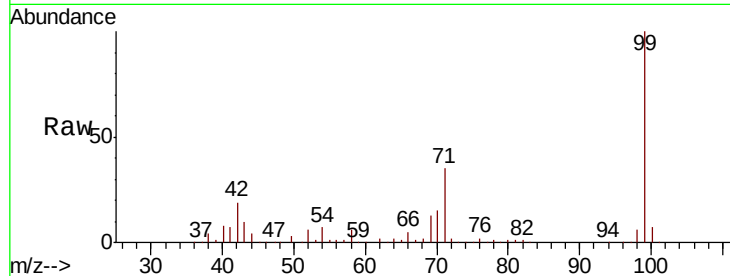
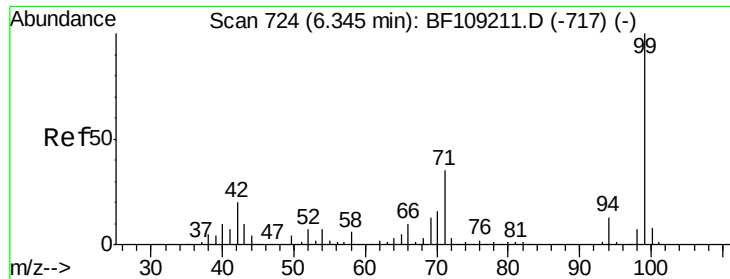
2-Fluorophenol
Concen: 58.656 ng
RT: 5.31 min Scan# 548
Delta R.T. -0.01 min
Lab File: BF109334.D
Acq: 26 Sep 2018 14:17

Tgt Ion:112 Resp: 369362
Ion Ratio Lower Upper
112 100
64 56.8 47.9 71.9
63 30.4 23.7 35.5



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





#7

Phenol-d6

Concen: 70.213 ng

RT: 6.34 min Scan# 723

Delta R.T. -0.02 min

Lab File: BF109334.D

Acq: 26 Sep 2018 14:17

Instrument :

BNA_F

ClientSampleId :

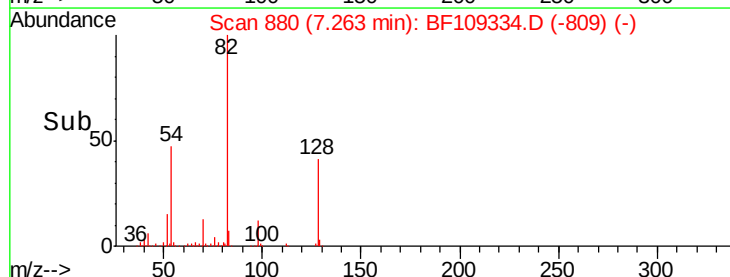
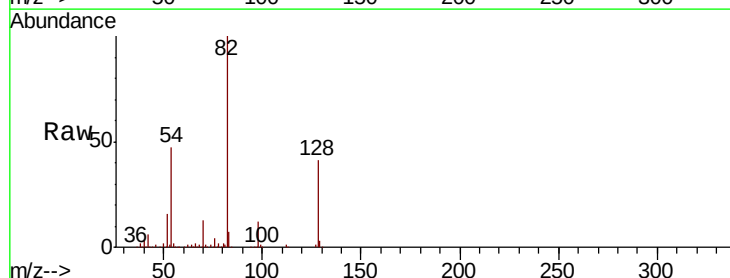
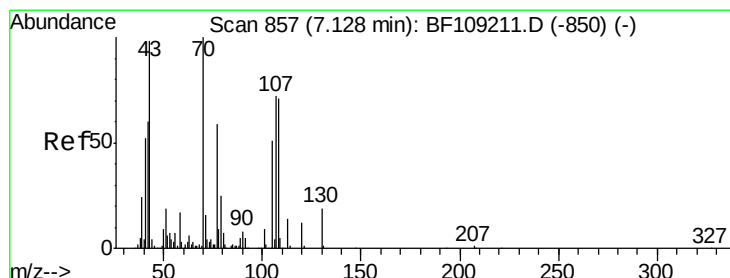
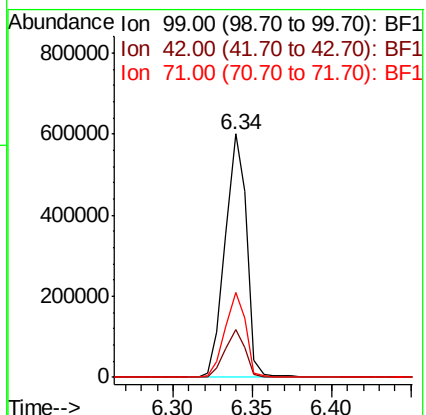
Tot Ion: 99 Resp: 564183

Ion Ratio Lower Upper

99 100

42 19.4 14.5 21.7

71 35.0 25.4 38.0



#19

n-Nitroso-di-n-propylamine

Concen: 9.785 ng

RT: 7.26 min Scan# 880

Delta R.T. 0.12 min

Lab File: BF109334.D

Acq: 26 Sep 2018 14:17

Tgt Ion: 70 Resp: 51520

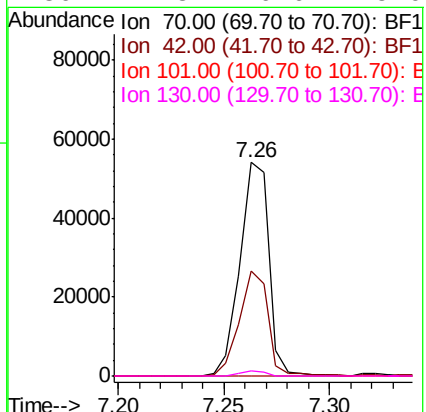
Ion Ratio Lower Upper

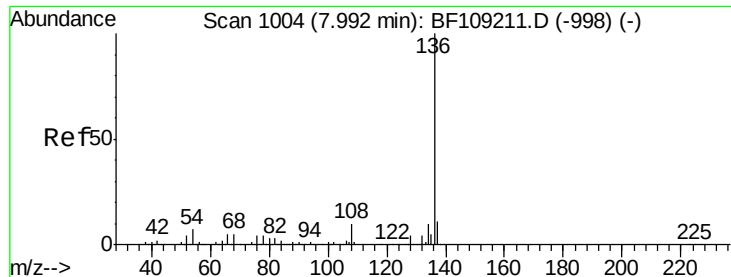
70 100

42 49.1 47.5 71.3

101 0.0 7.4 11.2#

130 2.3 16.6 25.0#

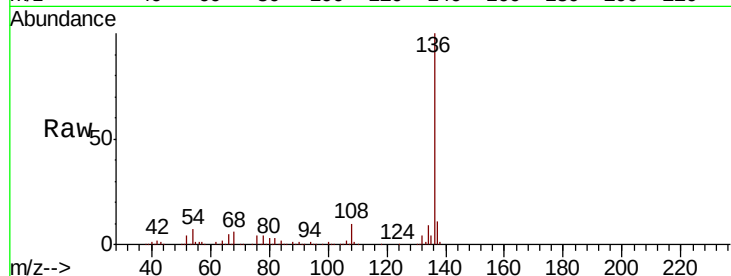




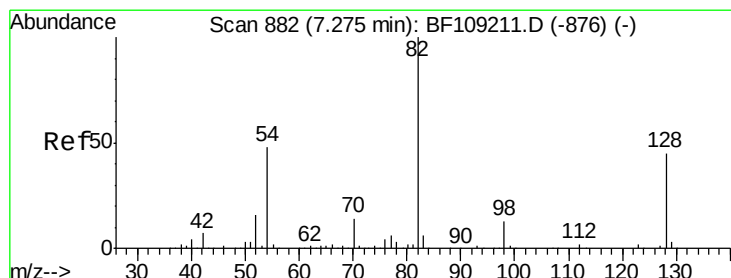
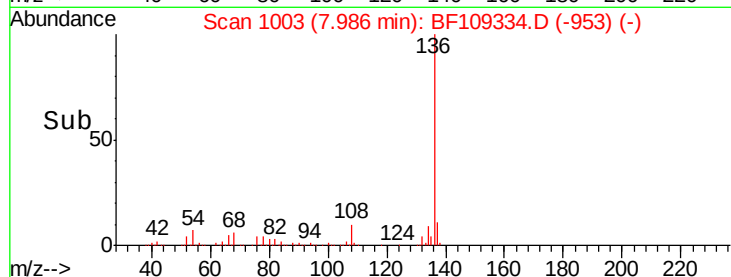
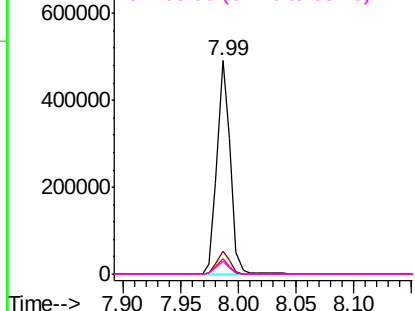
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.99 min Scan# 1003
Delta R.T. -0.01 min
Lab File: BF109334.D
Acq: 26 Sep 2018 14:17

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	393838
Ion	Ratio	Lower Upper
136	100	
137	10.8	8.9 13.3
54	7.2	6.6 9.8
68	5.8	5.0 7.4

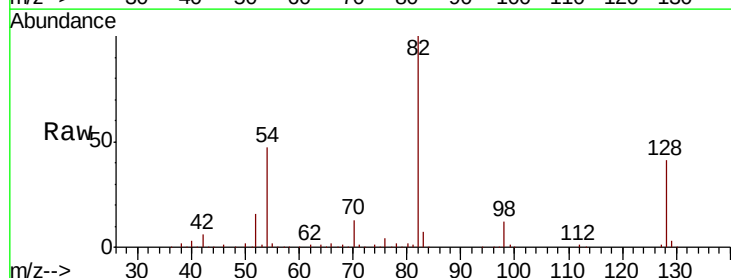


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

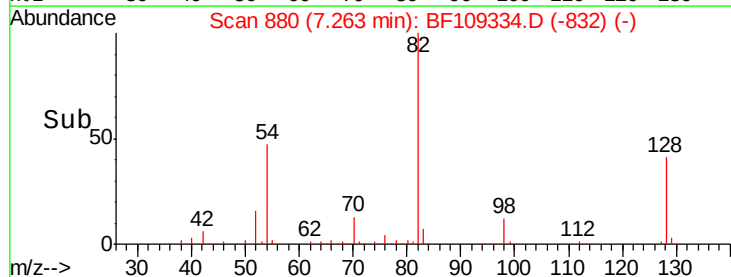
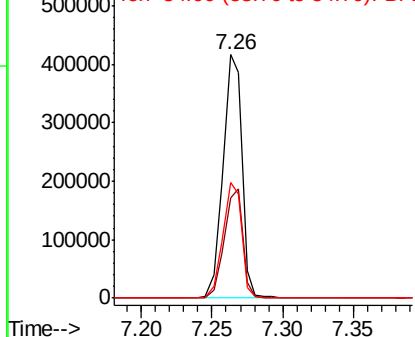


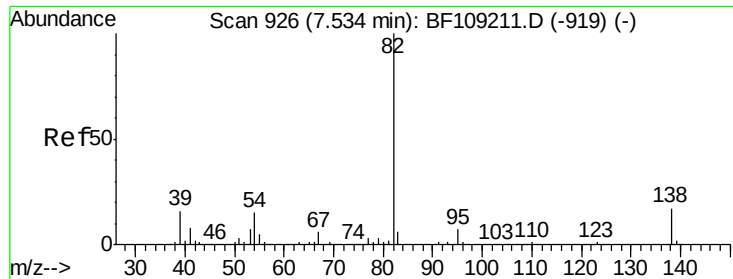
#23
Nitrobenzene-d5
Concen: 58.538 ng
RT: 7.26 min Scan# 880
Delta R.T. -0.02 min
Lab File: BF109334.D
Acq: 26 Sep 2018 14:17

Tgt Ion: 82	Resp:	390548
Ion	Ratio	Lower Upper
82	100	
128	41.2	36.1 54.1
54	47.5	41.4 62.2



Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1

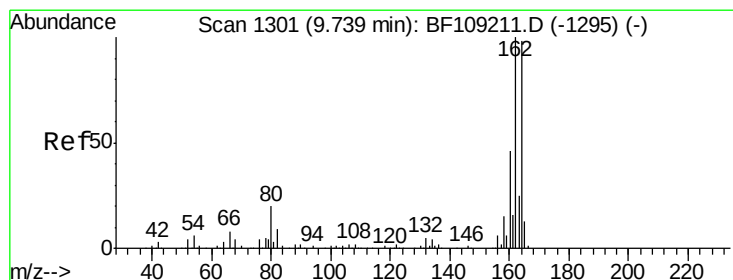
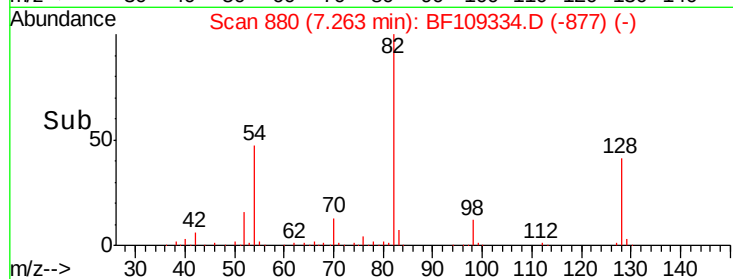
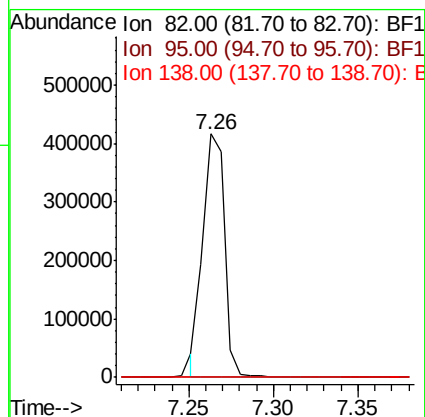
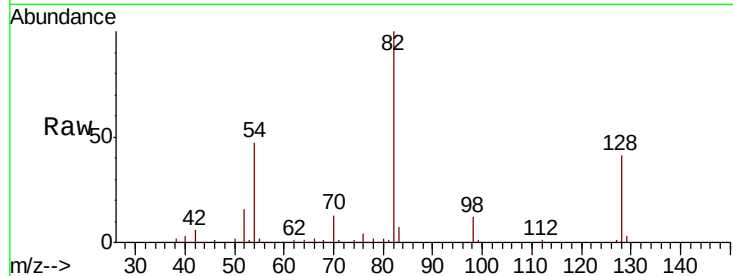




#25
Isophorone
Concen: 31.029 ng
RT: 7.26 min Scan# 880
Delta R.T. -0.28 min
Lab File: BF109334.D
Acq: 26 Sep 2018 14:17

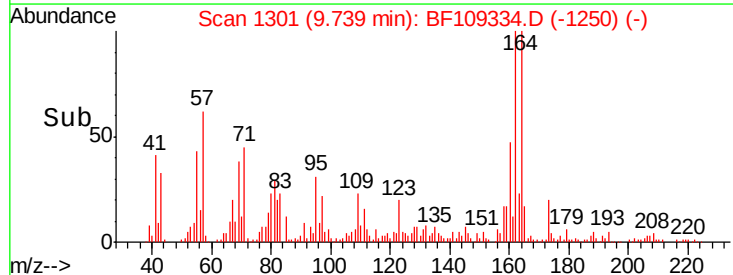
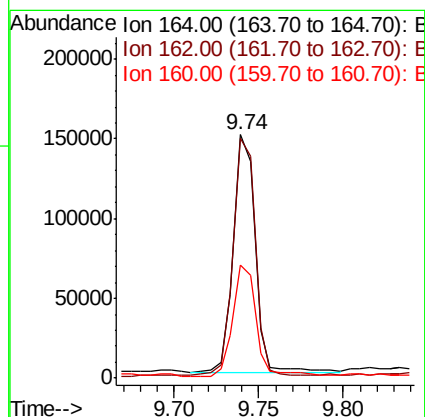
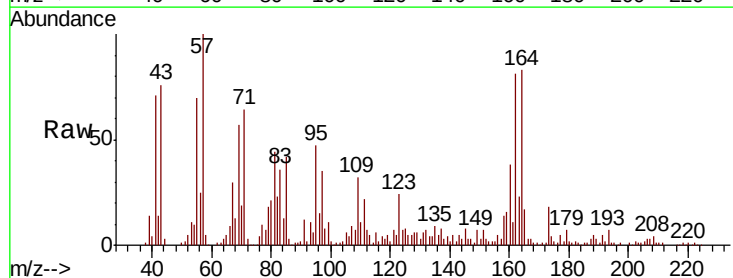
Instrument :
BNA_F
ClientSampleId :

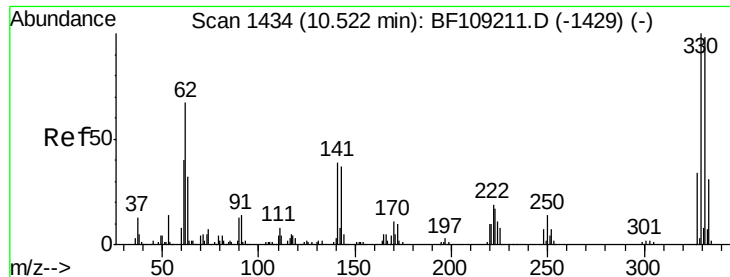
Tot Ion: 82 Resp: 372777
Ion Ratio Lower Upper
82 100
95 0.0 5.2 7.8#
138 0.0 14.9 22.3#



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.74 min Scan# 1301
Delta R.T. -0.00 min
Lab File: BF109334.D
Acq: 26 Sep 2018 14:17

Tgt Ion: 164 Resp: 133253
Ion Ratio Lower Upper
164 100
162 98.4 86.1 129.1
160 46.5 38.3 57.5

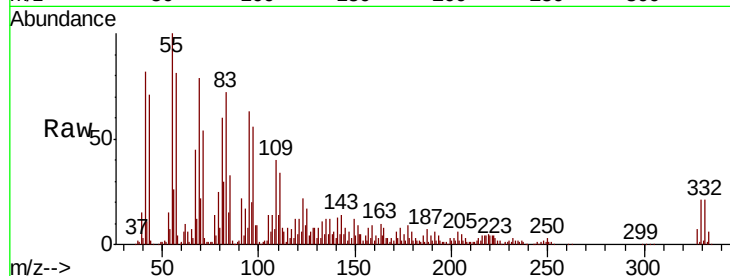




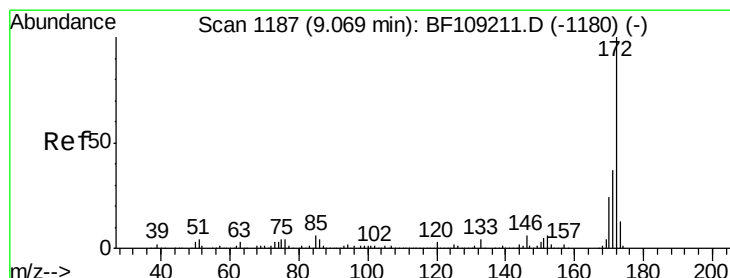
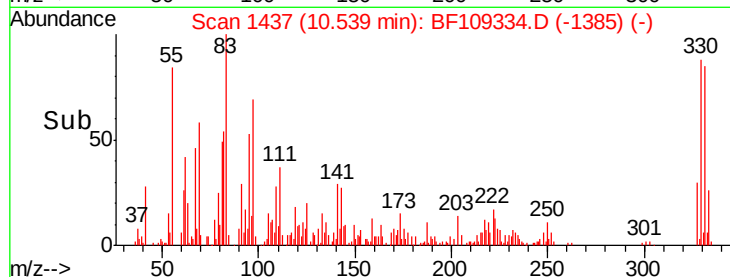
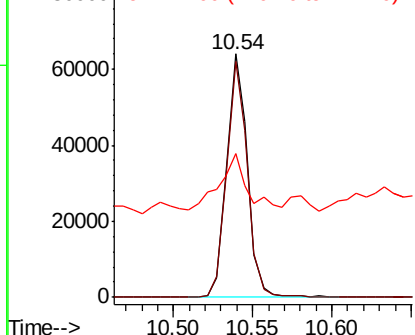
#41
 2,4,6-Tribromophenol
 Concen: 43.896 ng
 RT: 10.54 min Scan# 1437
 Delta R.T. 0.01 min
 Lab File: BF109334.D
 Acq: 26 Sep 2018 14:17

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.8	77.0	115.6
141	30.5	29.9	44.9

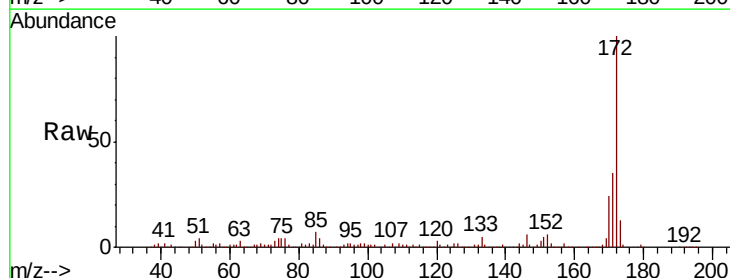


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

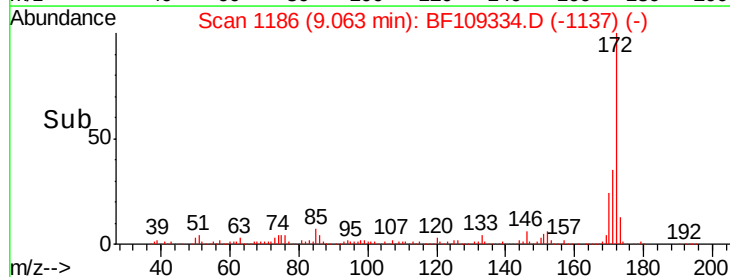
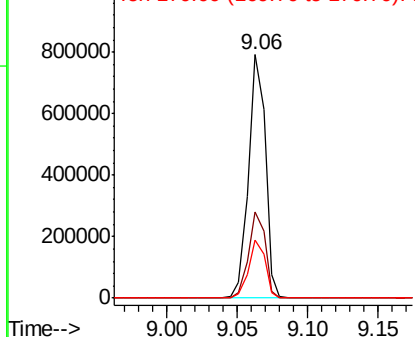


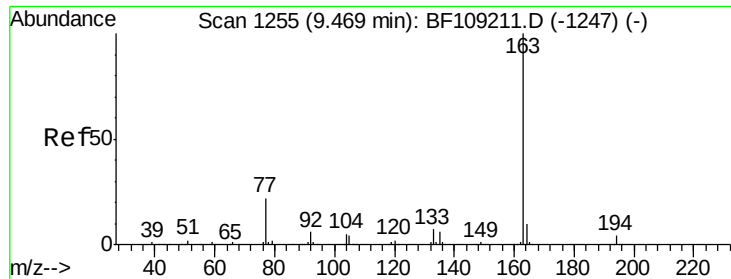
#44
 2-Fluorobiphenyl
 Concen: 75.544 ng
 RT: 9.06 min Scan# 1186
 Delta R.T. -0.01 min
 Lab File: BF109334.D
 Acq: 26 Sep 2018 14:17

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.4	29.7	44.5
170	23.6	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

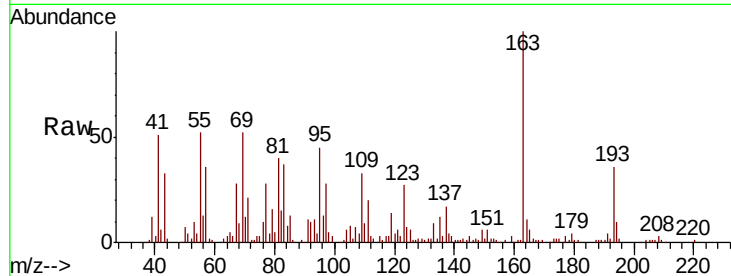




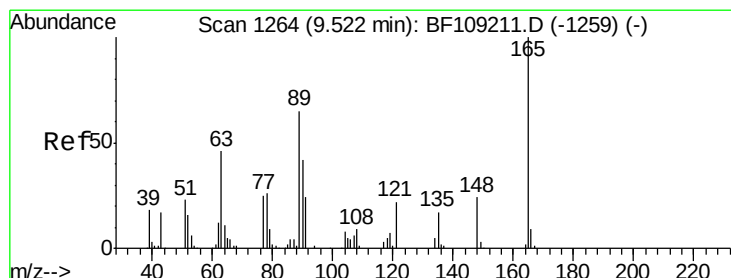
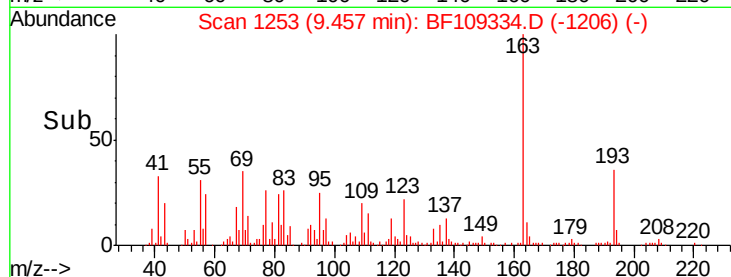
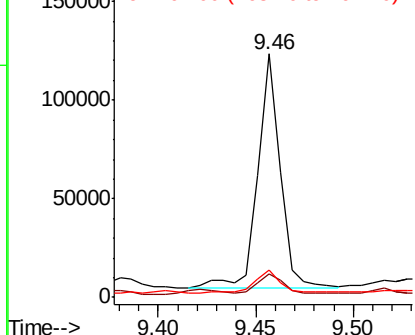
#49
 Dimethylphthalate
 Concen: 9.861 ng
 RT: 9.46 min Scan# 1253
 Delta R.T. -0.02 min
 Lab File: BF109334.D
 Acq: 26 Sep 2018 14:17

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:163 Resp: 95575
 Ion Ratio Lower Upper
 163 100
 194 9.8 2.7 4.1#
 164 11.2 8.2 12.2

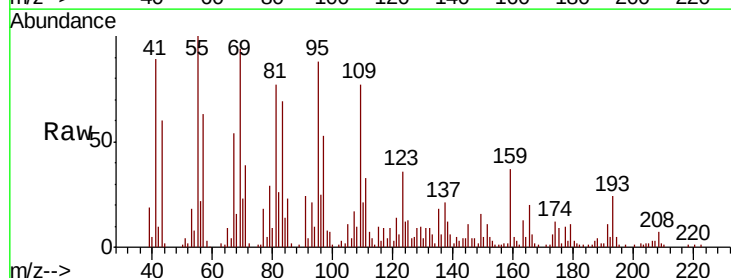


Abundance Ion 163.00 (162.70 to 163.70): E
 Ion 194.00 (193.70 to 194.70): E
 Ion 164.00 (163.70 to 164.70): E

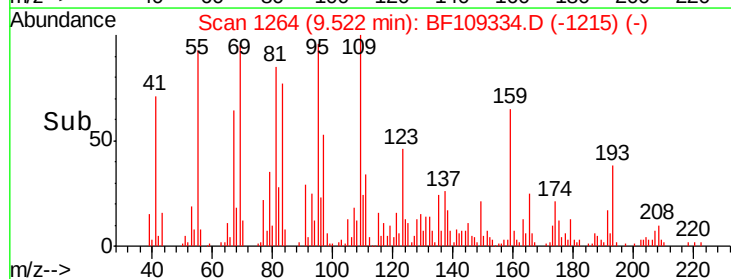
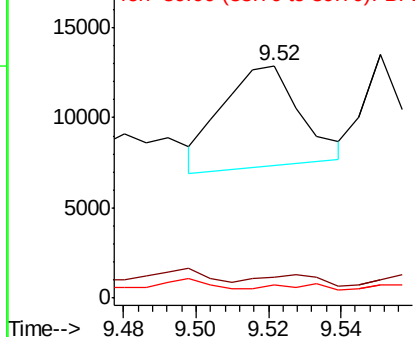


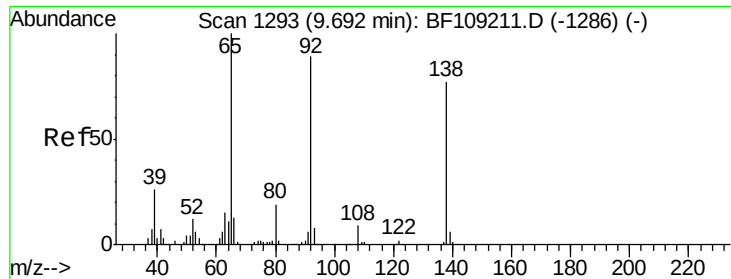
#50
 2,6-Dinitrotoluene
 Concen: 4.375 ng
 RT: 9.52 min Scan# 1264
 Delta R.T. -0.01 min
 Lab File: BF109334.D
 Acq: 26 Sep 2018 14:17

Tgt Ion:165 Resp: 8397
 Ion Ratio Lower Upper
 165 100
 63 8.9 44.7 67.1#
 89 5.9 44.0 66.0#



Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1





#52

3-Nitroaniline

Concen: 2.613 ng

RT: 9.70 min Scan# 1294

Delta R.T. -0.01 min

Lab File: BF109334.D

Acq: 26 Sep 2018 14:17

Instrument :

BNA_F

ClientSampleId :

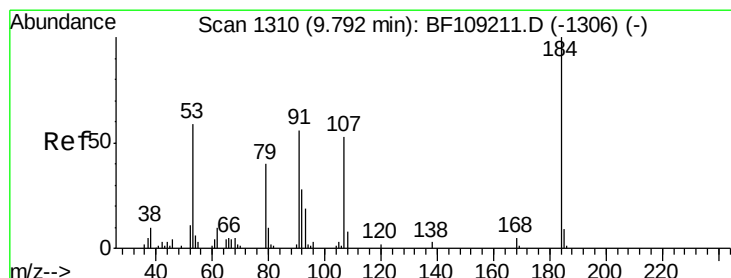
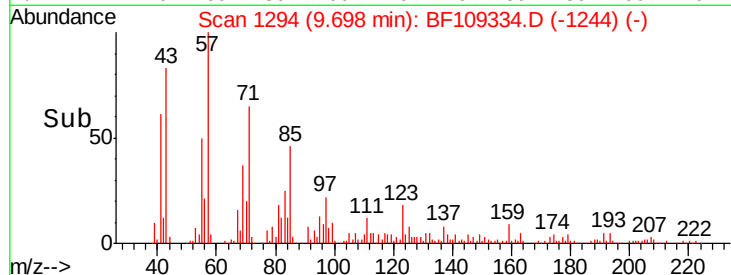
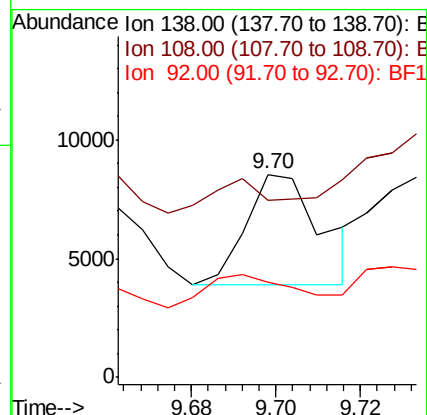
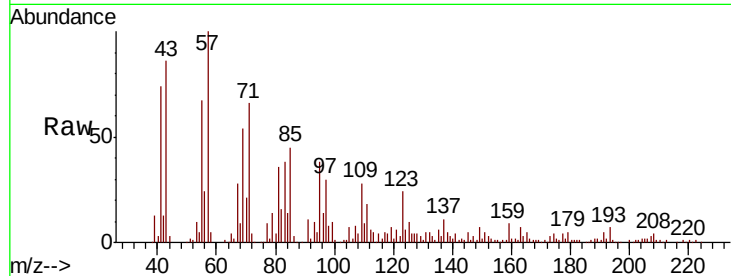
Tot Ion:138 Resp: 5809

Ion Ratio Lower Upper

138 100

108 87.3 9.4 14.0#

92 47.1 89.4 134.2#



#53

2,4-Dinitrophenol

Concen: 9.073 ng

RT: 9.80 min Scan# 1312

Delta R.T. 0.00 min

Lab File: BF109334.D

Acq: 26 Sep 2018 14:17

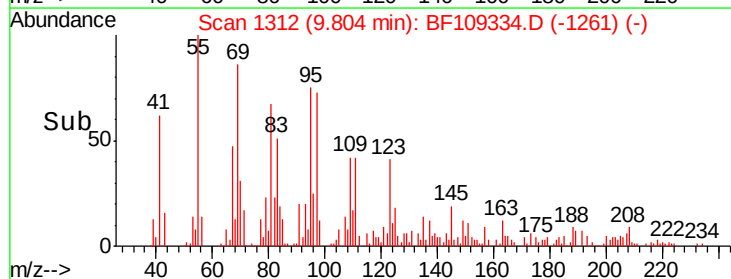
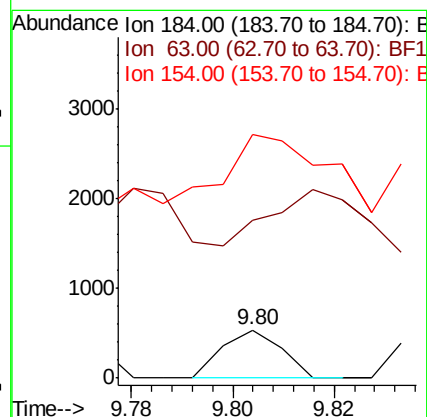
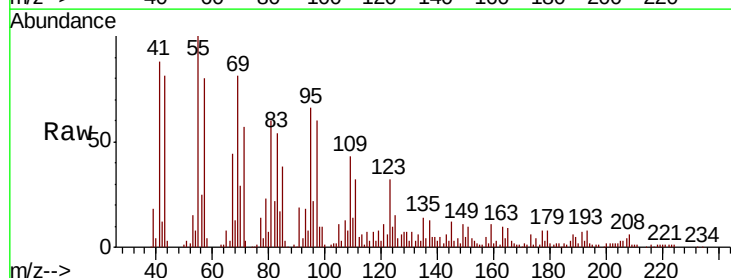
Tgt Ion:184 Resp: 435

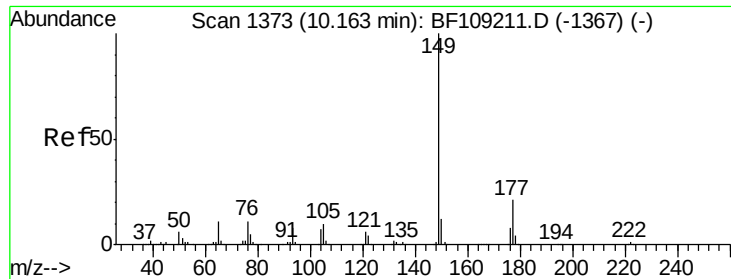
Ion Ratio Lower Upper

184 100

63 326.0 54.2 81.2#

154 503.0 184.0 276.0#

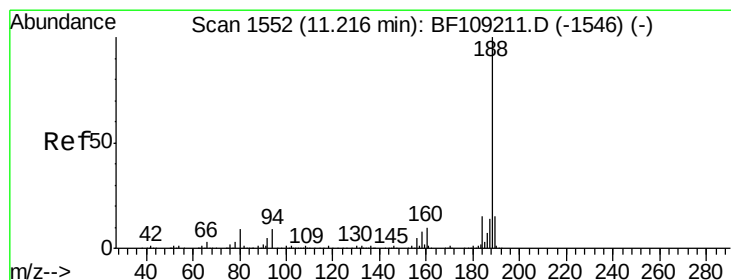
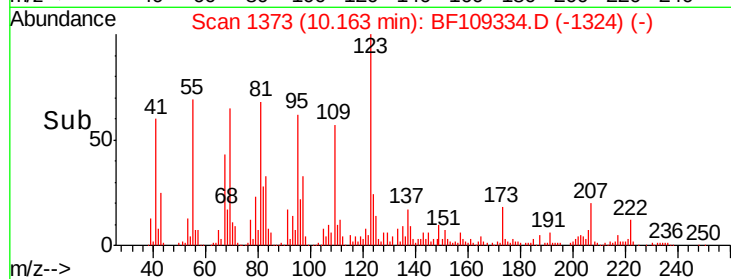
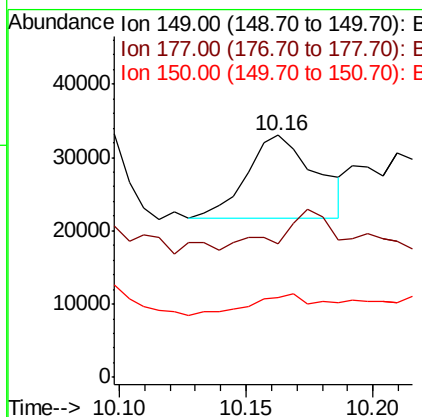
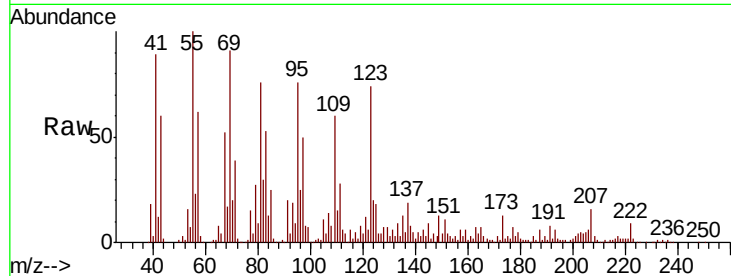




#59
Diethylphthalate
Concen: 2.211 ng
RT: 10.16 min Scan# 1373
Delta R.T. -0.01 min
Lab File: BF109334.D
Acq: 26 Sep 2018 14:17

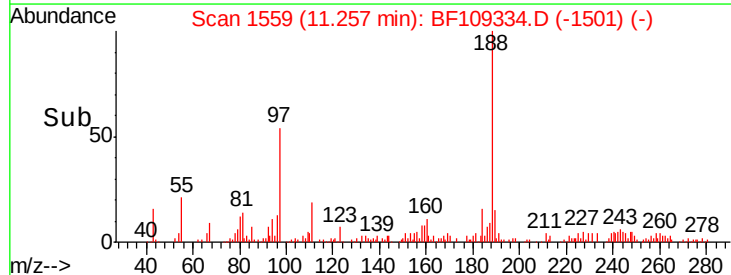
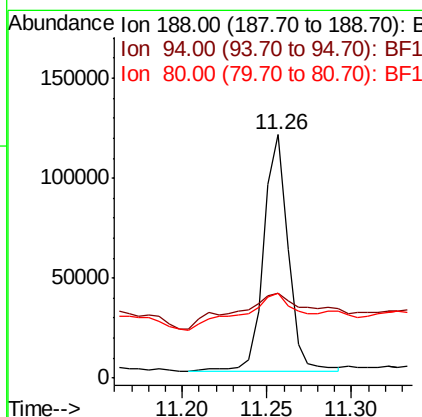
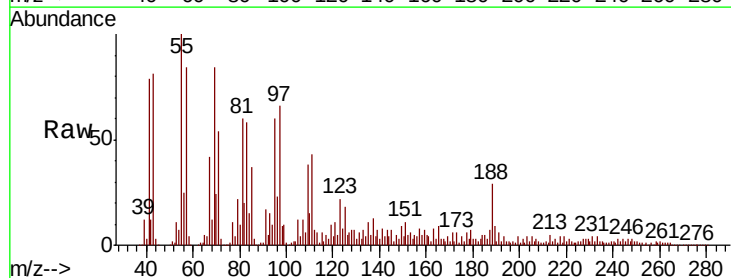
Instrument :
BNA_F
ClientSampled :

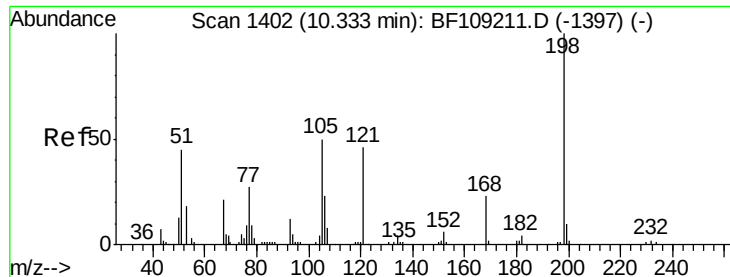
Tot Ion:149 Resp: 21696
Ion Ratio Lower Upper
149 100
177 55.1 16.1 24.1#
150 33.1 10.1 15.1#



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.26 min Scan# 1559
Delta R.T. 0.04 min
Lab File: BF109334.D
Acq: 26 Sep 2018 14:17

Tgt Ion:188 Resp: 118527
Ion Ratio Lower Upper
188 100
94 35.1 8.5 12.7#
80 34.7 9.2 13.8#





#64

4,6-Dinitro-2-methylphenol

Concen: 9.467 ng

RT: 10.37 min Scan# 1408

Delta R.T. 0.02 min

Lab File: BF109334.D

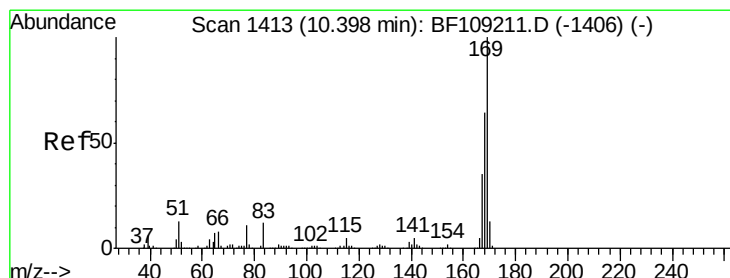
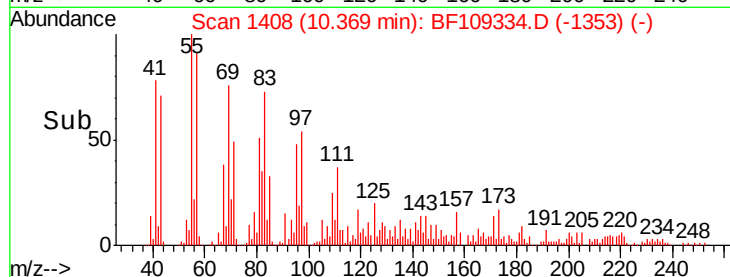
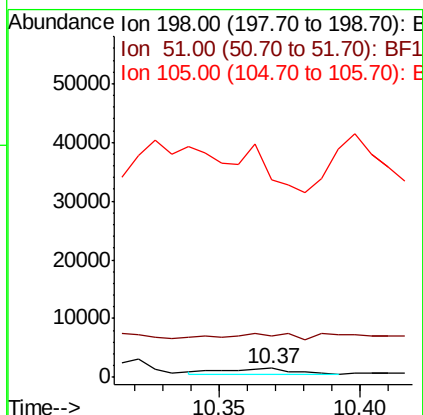
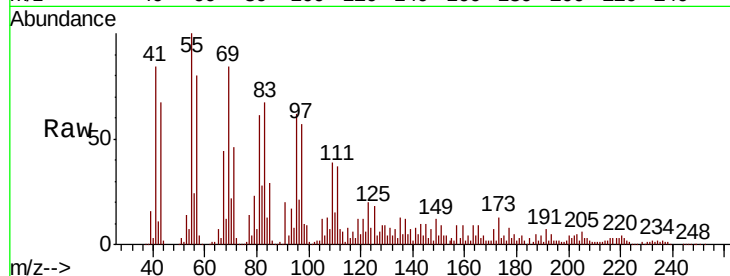
Acq: 26 Sep 2018 14:17

Instrument :

BNA_F

ClientSampled :

Tot Ion:	198	Resp:	1618
Ion Ratio	Lower	Upper	
198	100		
51	477.4	37.7	77.7#
105	2256.6	36.3	76.3#



#65

n-Nitrosodiphenylamine

Concen: 6.121 ng

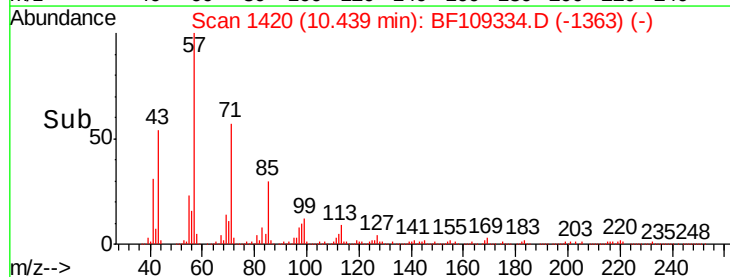
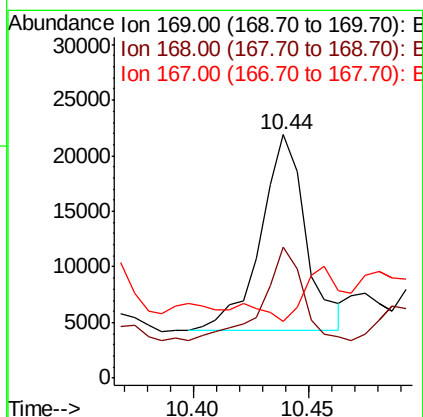
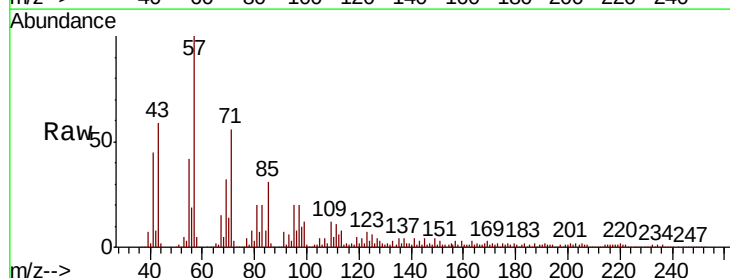
RT: 10.44 min Scan# 1420

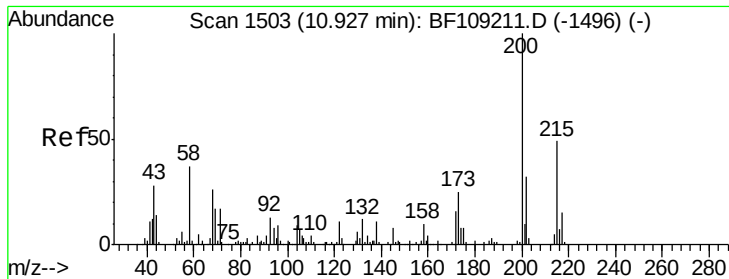
Delta R.T. 0.04 min

Lab File: BF109334.D

Acq: 26 Sep 2018 14:17

Tgt Ion:	169	Resp:	23969
Ion Ratio	Lower	Upper	
169	100		
168	53.9	54.4	81.6#
167	23.5	29.8	44.6#





#68

Atrazine

Concen: 5.288 ng

RT: 10.99 min Scan# 1513

Delta R.T. 0.05 min

Lab File: BF109334.D

Acq: 26 Sep 2018 14:17

Instrument :

BNA_F

ClientSampleId :

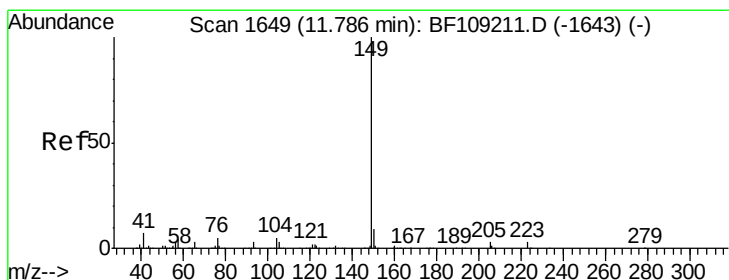
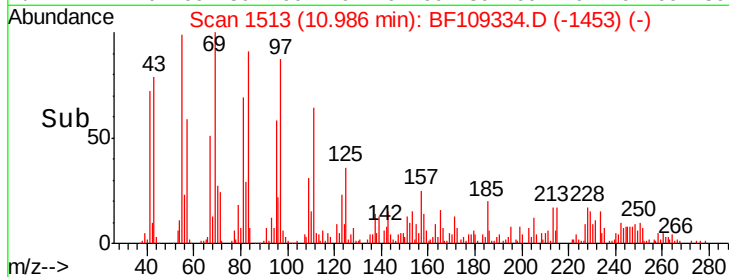
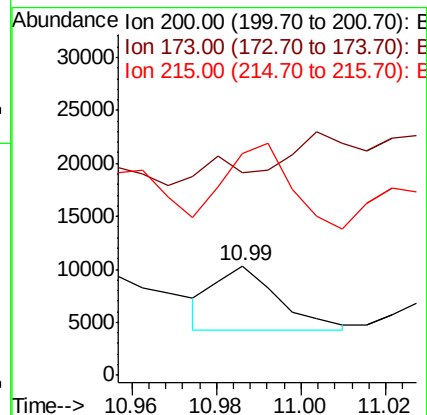
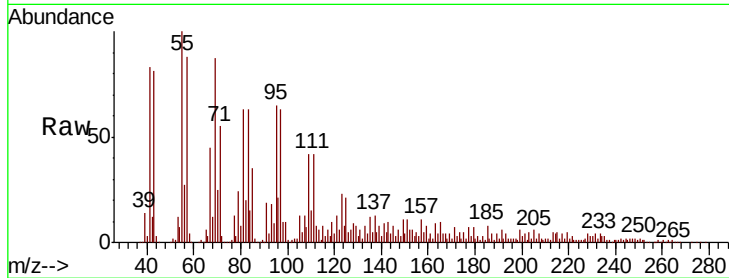
Tot Ion:200 Resp: 6369

Ion Ratio Lower Upper

200 100

173 185.9 8.6 48.6#

215 203.2 25.1 65.1#



#73

Di-n-butylphthalate

Concen: 6.075 ng

RT: 11.83 min Scan# 1657

Delta R.T. 0.05 min

Lab File: BF109334.D

Acq: 26 Sep 2018 14:17

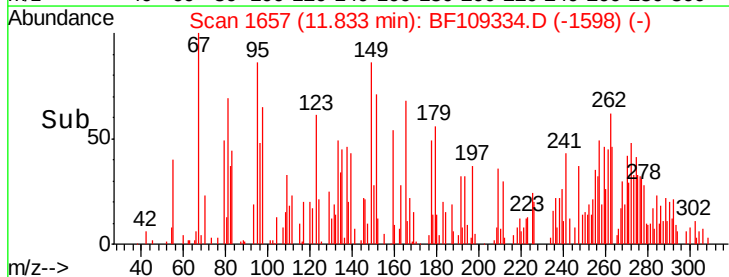
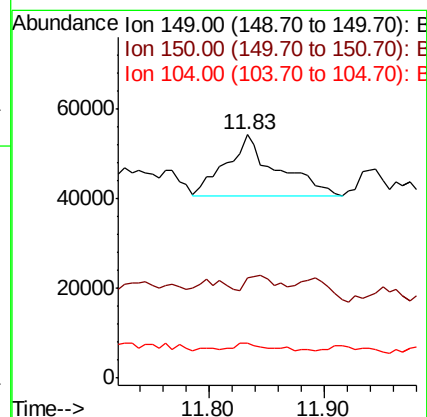
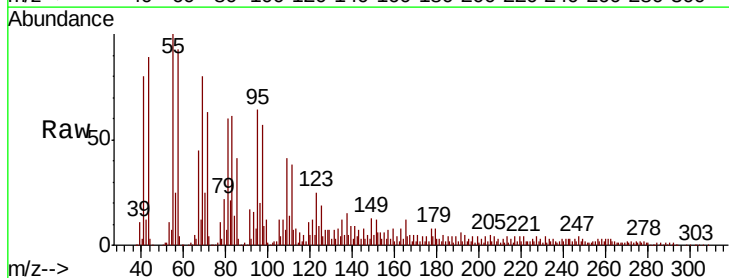
Tgt Ion:149 Resp: 41767

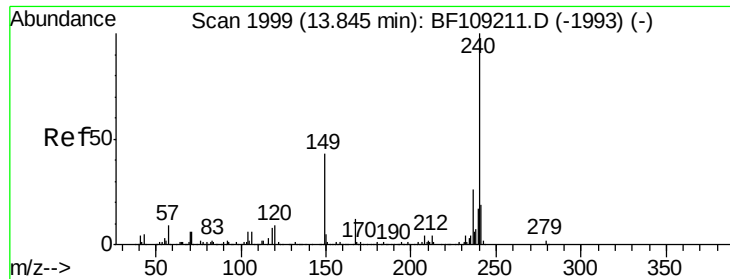
Ion Ratio Lower Upper

149 100

150 41.0 7.8 11.6#

104 14.4 3.8 5.8#





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.88 min Scan# 2005

Delta R.T. 0.04 min

Lab File: BF109334.D

Acq: 26 Sep 2018 14:17

Instrument :

BNA_F

ClientSampleId :

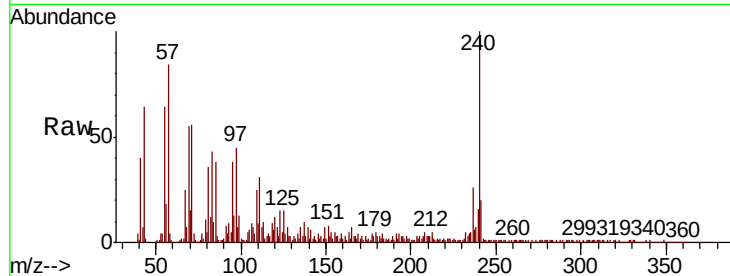
Tot Ion:240 Resp: 210022

Ion Ratio Lower Upper

240 100

120 11.9 9.5 14.3

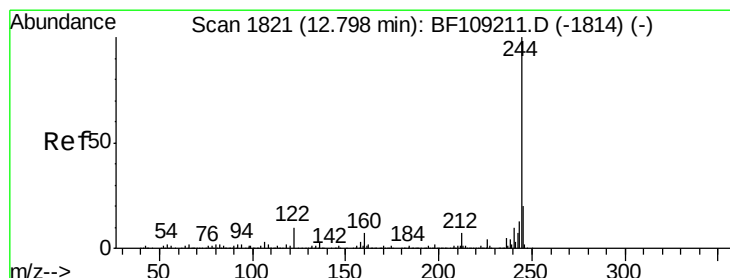
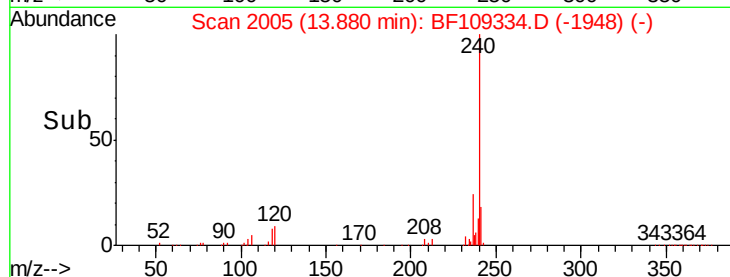
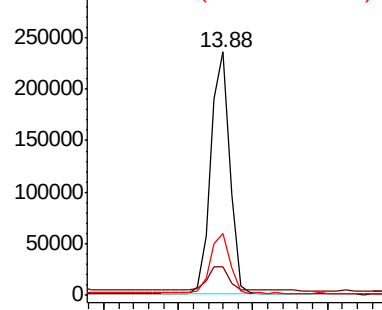
236 25.7 20.7 31.1



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: 38.951 ng

RT: 12.86 min Scan# 1831

Delta R.T. 0.05 min

Lab File: BF109334.D

Acq: 26 Sep 2018 14:17

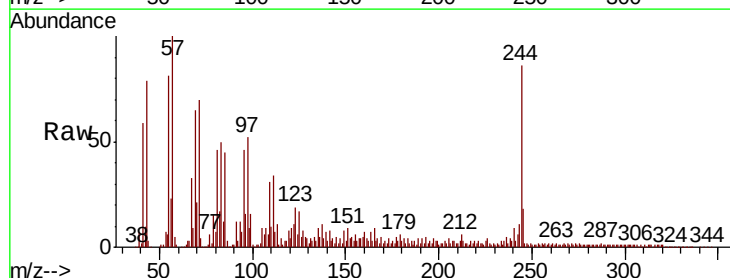
Tgt Ion:244 Resp: 333338

Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.0

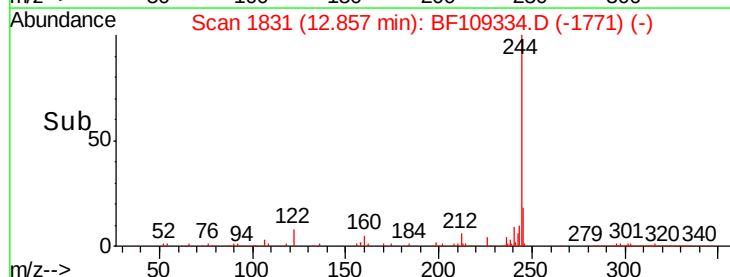
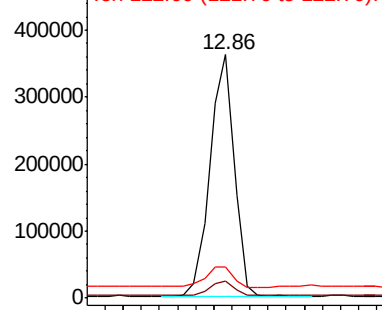
122 13.0 11.0 16.4

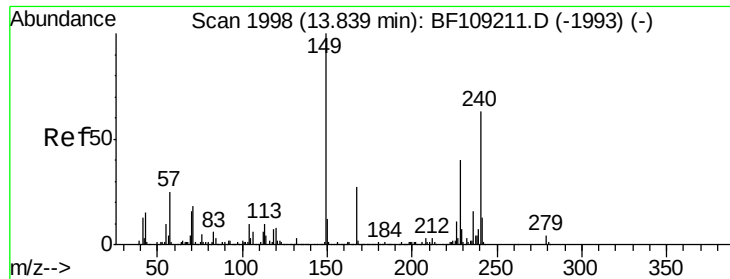


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 3.623 ng

RT: 13.86 min Scan# 2001

Delta R.T. 0.02 min

Lab File: BF109334.D

Acq: 26 Sep 2018 14:17

Instrument :

BNA_F

ClientSampleId :

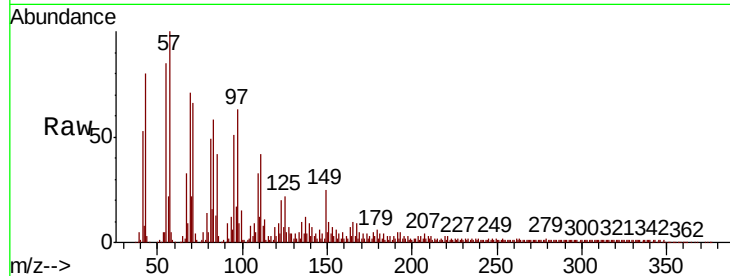
Tot Ion:149 Resp: 29263

Ion Ratio Lower Upper

149 100

167 35.0 21.3 31.9#

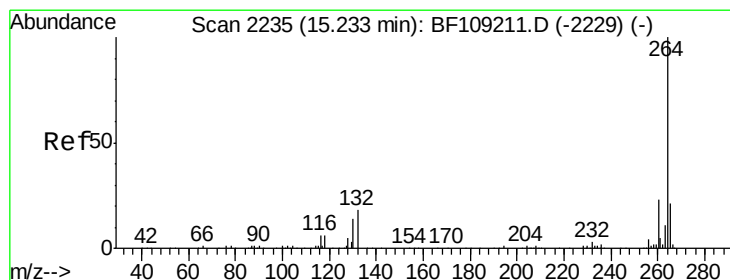
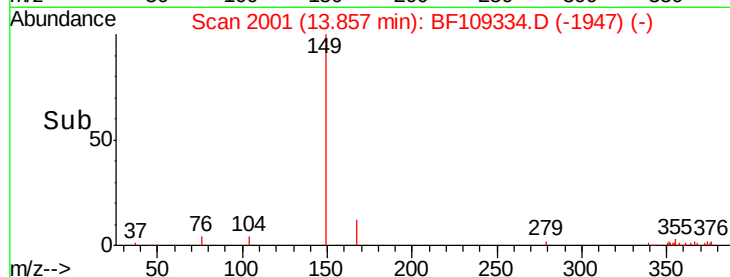
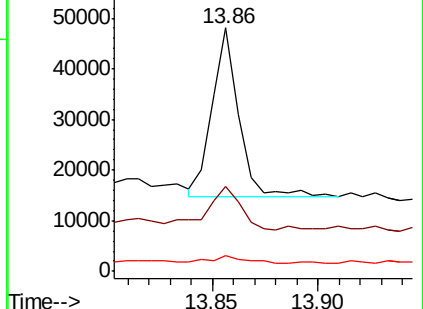
279 6.6 3.0 4.4#



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: 15.26 min Scan# 2239

Delta R.T. 0.02 min

Lab File: BF109334.D

Acq: 26 Sep 2018 14:17

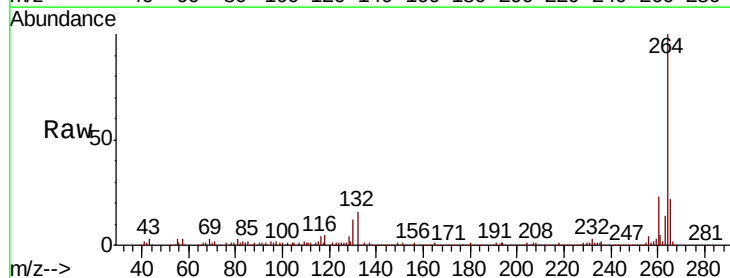
Tgt Ion:264 Resp: 284416

Ion Ratio Lower Upper

264 100

260 23.4 19.2 28.8

265 21.9 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

