

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092718\
 Data File : BF109381.D
 Acq On : 27 Sep 2018 12:43
 Operator : JU/SJ
 Sample : J5081-07
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 27 13:49:26 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

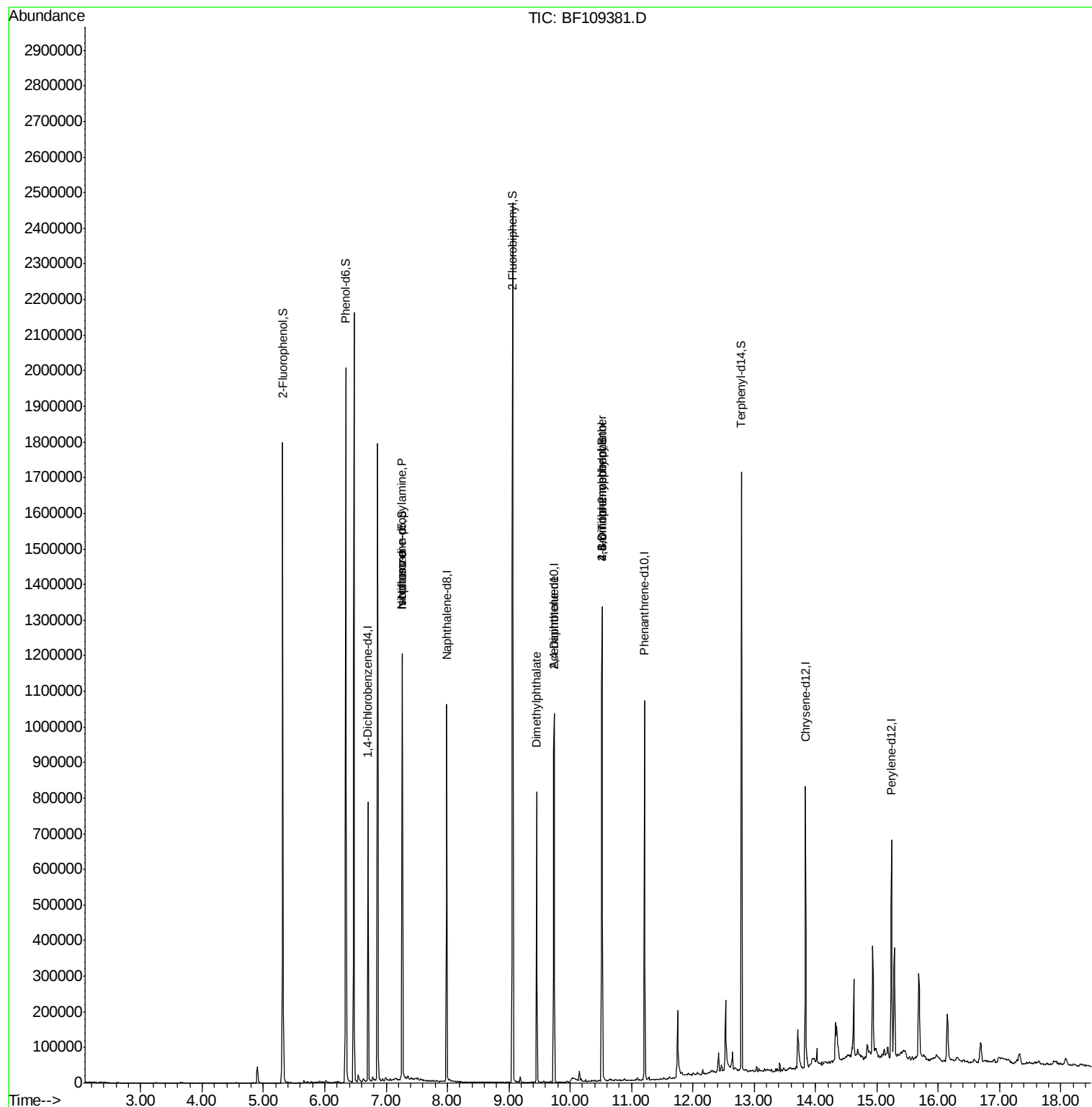
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	104491	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	403362	20.00	ng	0.00
38) Acenaphthene-d10	9.74	164	199538	20.00	ng	0.00
63) Phenanthrene-d10	11.22	188	382690	20.00	ng	0.00
75) Chrysene-d12	13.84	240	254287	20.00	ng	0.00
86) Perylene-d12	15.24	264	279832	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	509015	80.24	ng	0.00
7) Phenol-d6	6.35	99	654992	80.91	ng	-0.01
23) Nitrobenzene-d5	7.26	82	423830	62.03	ng	-0.02
41) 2,4,6-Tribromophenol	10.52	330	156633	79.63	ng	-0.01
44) 2-Fluorobiphenyl	9.06	172	712849	53.88	ng	-0.01
78) Terphenyl-d14	12.80	244	591793	57.11	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.26	70	55414	10.447	ng	# 78
25) Isophorone	7.26	82	398884	32.418	ng	# 64
49) Dimethylphthalate	9.46	163	280511	19.328	ng	# 99
56) 2,4-Dinitrotoluene	9.74	165	25581	7.034	ng	# 23
64) 4,6-Dinitro-2-methylphenol	10.52	198	165	6.613	ng	# 1
66) 4-Bromophenyl-phenylether	10.52	248	9591	2.257	ng	# 1

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

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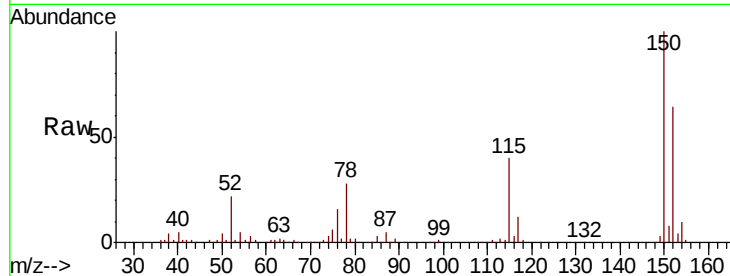


#1

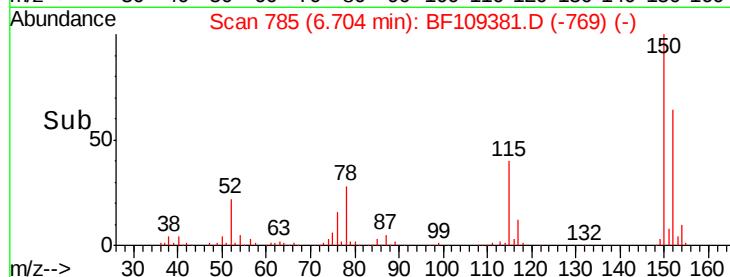
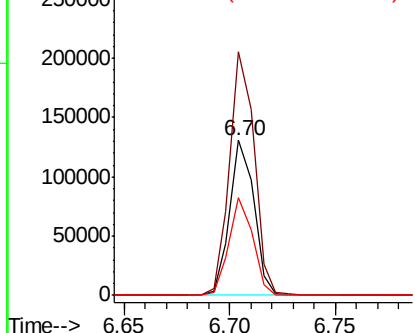
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.70 min Scan# 785
Delta R.T. -0.01 min
Lab File: BF109381.D
Acq: 27 Sep 2018 12:43

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 104491
Ion Ratio Lower Upper
152 100
150 157.1 124.6 186.8
115 62.9 50.1 75.1



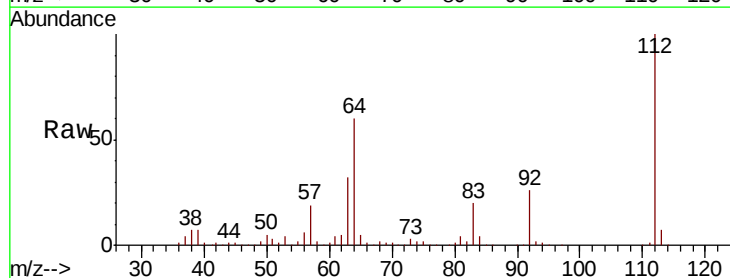
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



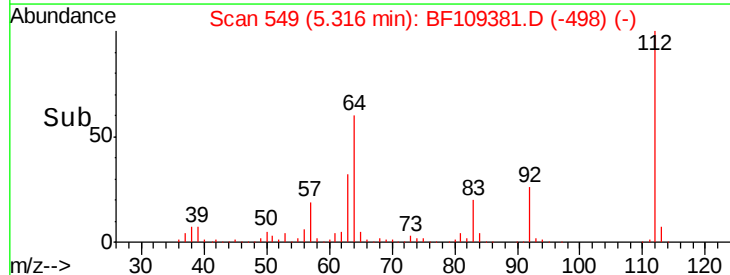
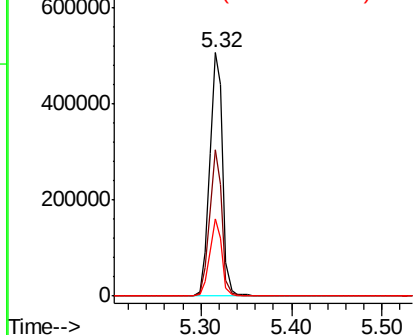
#5

2-Fluorophenol
Concen: 80.235 ng
RT: 5.32 min Scan# 549
Delta R.T. -0.00 min
Lab File: BF109381.D
Acq: 27 Sep 2018 12:43

Tgt Ion:112 Resp: 509015
Ion Ratio Lower Upper
112 100
64 60.1 47.9 71.9
63 31.8 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: 80.911 ng

RT: 6.35 min Scan# 724

Delta R.T. -0.01 min

Lab File: BF109381.D

Acq: 27 Sep 2018 12:43

Instrument :

BNA_F

ClientSampled :

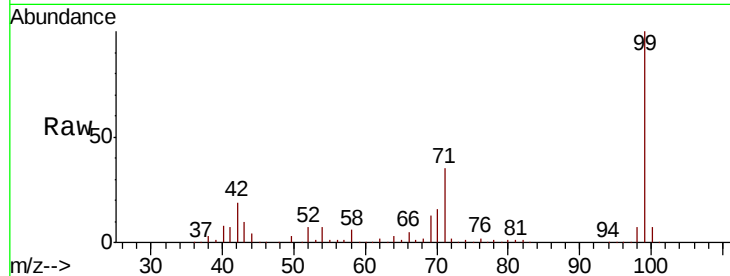
Tot Ion: 99 Resp: 654992

Ion Ratio Lower Upper

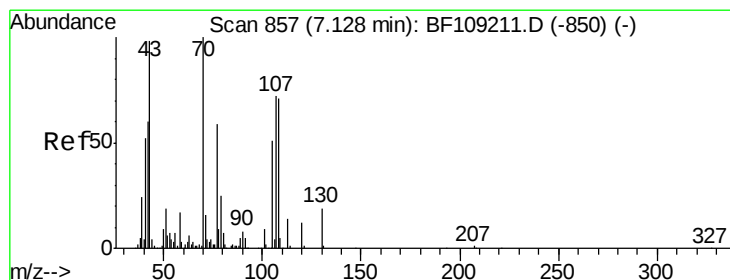
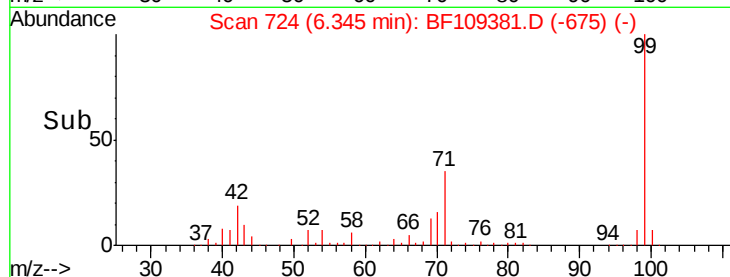
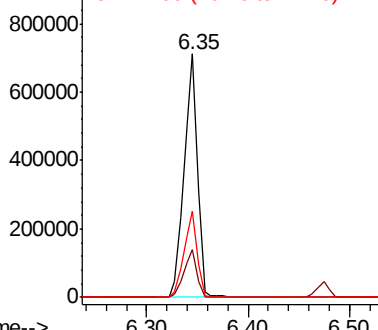
99 100

42 19.4 14.5 21.7

71 35.3 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: 10.447 ng

RT: 7.26 min Scan# 880

Delta R.T. 0.12 min

Lab File: BF109381.D

Acq: 27 Sep 2018 12:43

Tgt Ion: 70 Resp: 55414

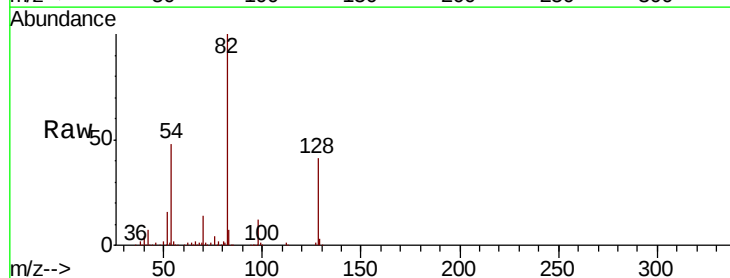
Ion Ratio Lower Upper

70 100

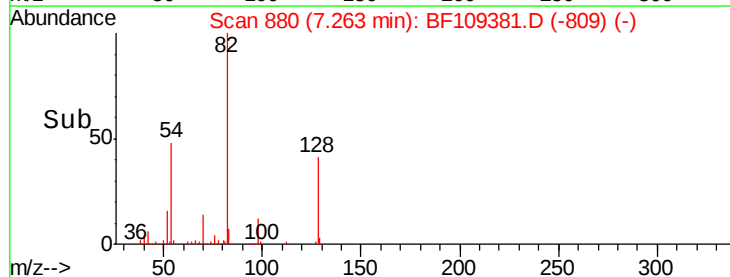
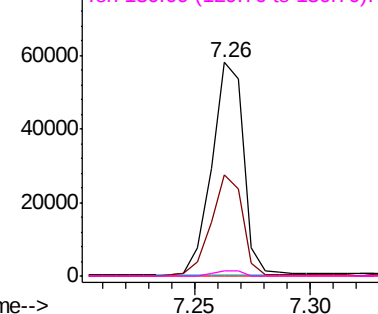
42 47.6 47.5 71.3

101 0.0 7.4 11.2#

130 2.4 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: 7.99 min Scan# 1003

Delta R.T. -0.01 min

Lab File: BF109381.D

Acq: 27 Sep 2018 12:43

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 403362

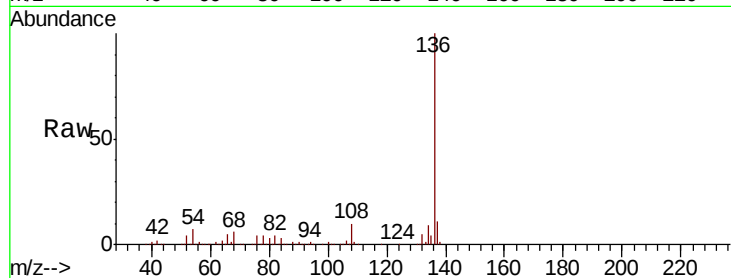
Ion Ratio Lower Upper

136 100

137 11.5 8.9 13.3

54 7.1 6.6 9.8

68 5.9 5.0 7.4

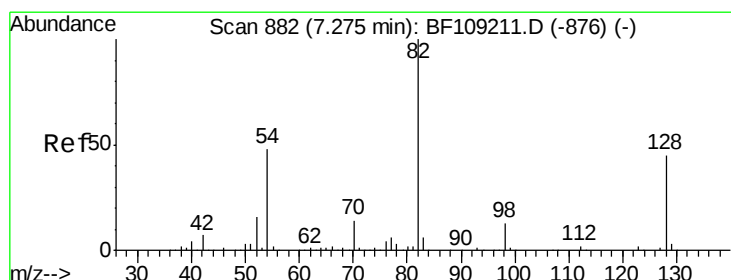
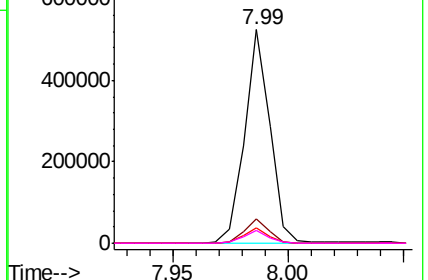
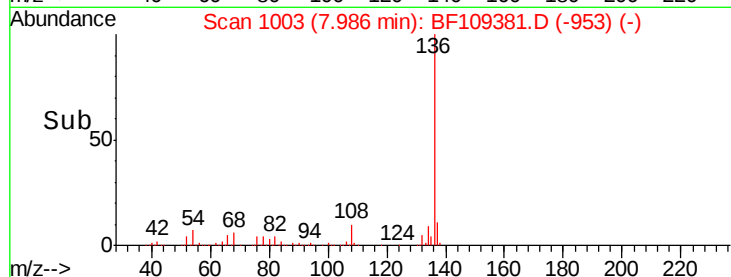


Abundance Ion 136.00 (135.70 to 136.70): E

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: 62.027 ng

RT: 7.26 min Scan# 880

Delta R.T. -0.02 min

Lab File: BF109381.D

Acq: 27 Sep 2018 12:43

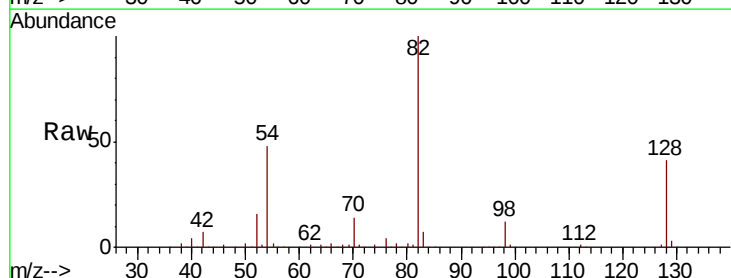
Tgt Ion: 82 Resp: 423830

Ion Ratio Lower Upper

82 100

128 41.1 36.1 54.1

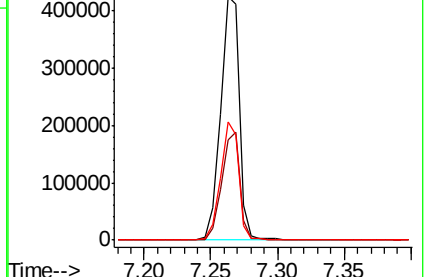
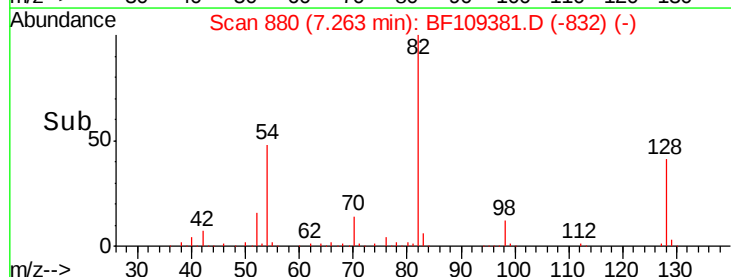
54 48.3 41.4 62.2

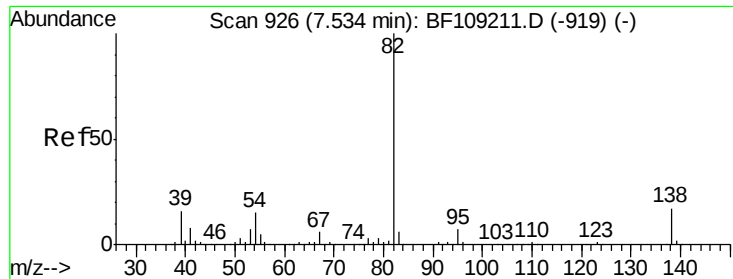


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1

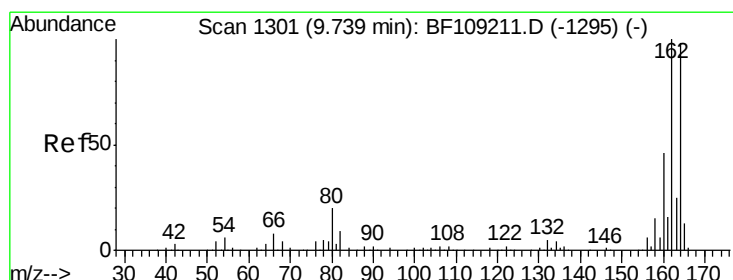
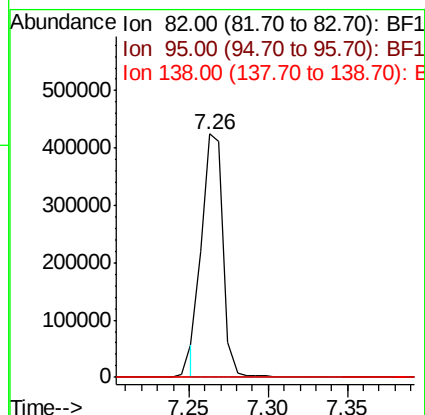
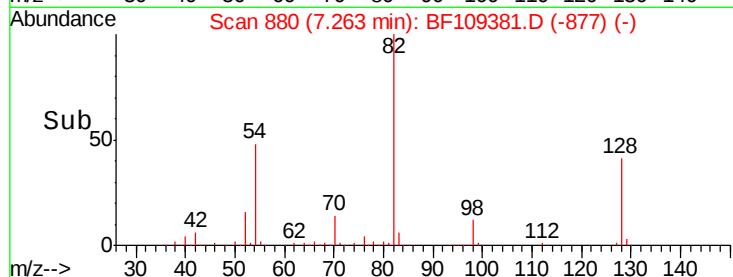
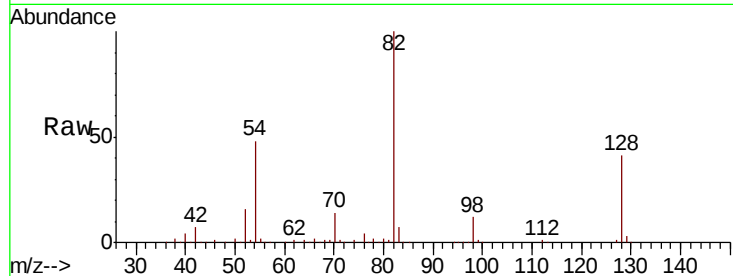




#25
Isophorone
Concen: 32.418 ng
RT: 7.26 min Scan# 880
Delta R.T. -0.28 min
Lab File: BF109381.D
Acq: 27 Sep 2018 12:43

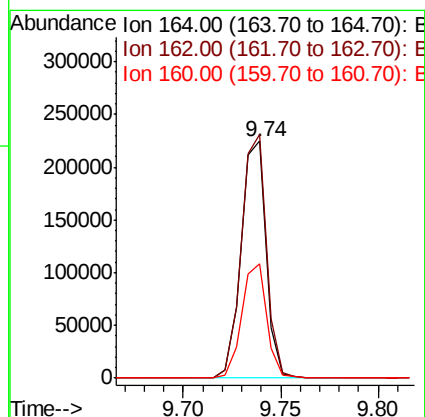
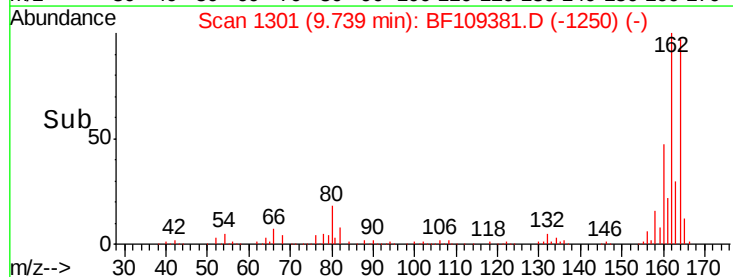
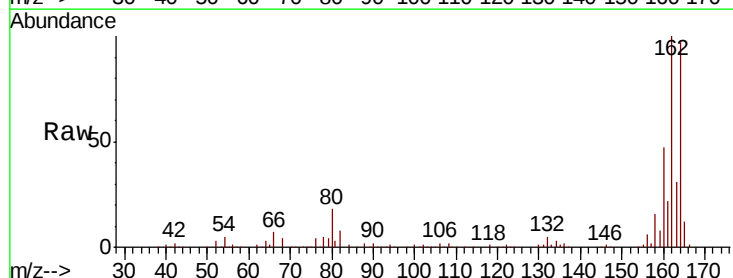
Instrument :
BNA_F
ClientSampled :

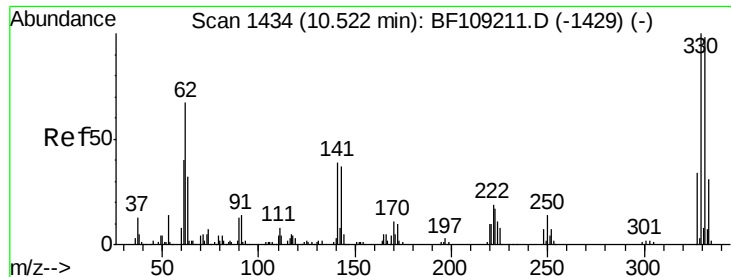
Tot Ion: 82 Resp: 398884
Ion Ratio Lower Upper
82 100
95 0.1 5.2 7.8#
138 0.0 14.9 22.3#



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.74 min Scan# 1301
Delta R.T. -0.00 min
Lab File: BF109381.D
Acq: 27 Sep 2018 12:43

Tgt Ion: 164 Resp: 199538
Ion Ratio Lower Upper
164 100
162 102.7 86.1 129.1
160 48.0 38.3 57.5

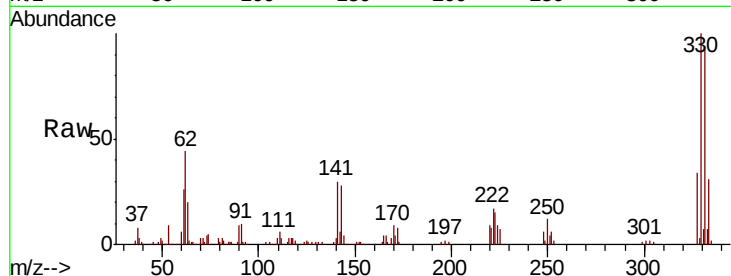




#41
 2,4,6-Tribromophenol
 Concen: 79.629 ng
 RT: 10.52 min Scan# 1434
 Delta R.T. -0.01 min
 Lab File: BF109381.D
 Acq: 27 Sep 2018 12:43

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.9	77.0	115.6
141	33.0	29.9	44.9

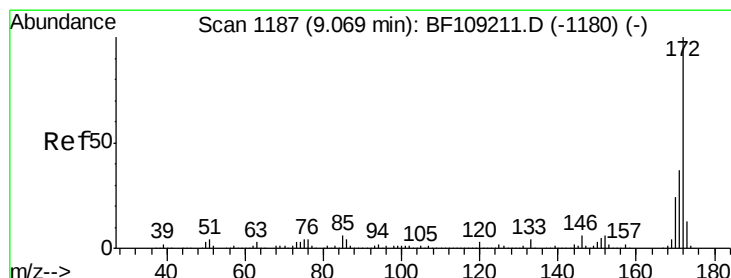
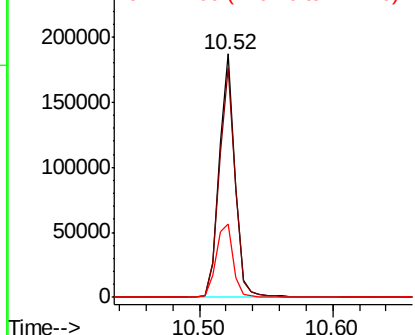
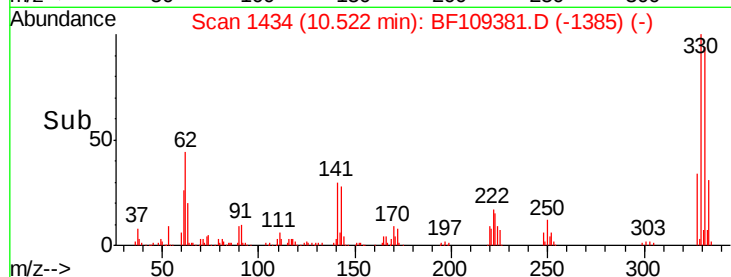


Abundance

Ion 329.80 (329.50 to 330.50): E

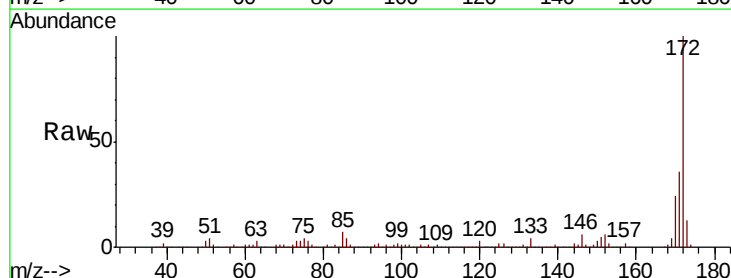
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 53.880 ng
 RT: 9.06 min Scan# 1186
 Delta R.T. -0.01 min
 Lab File: BF109381.D
 Acq: 27 Sep 2018 12:43

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.7	44.5
170	23.6	19.6	29.4

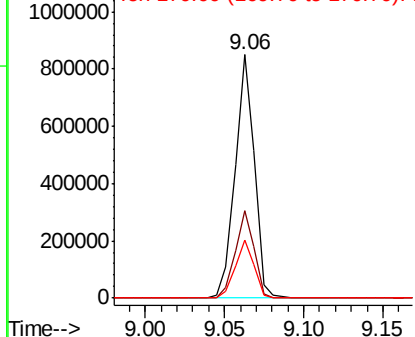
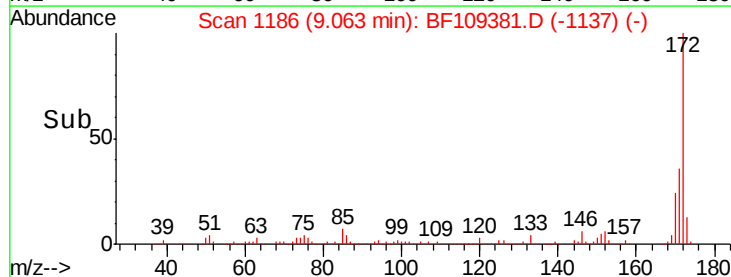


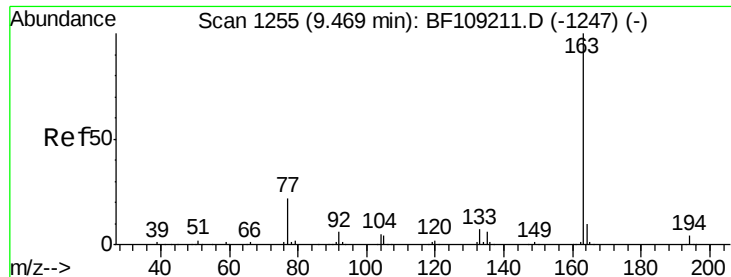
Abundance

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

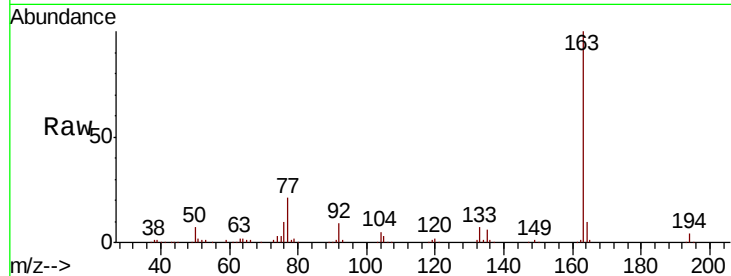




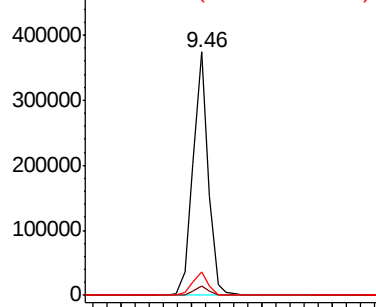
#49
Dimethylphthalate
Concen: 19.328 ng
RT: 9.46 min Scan# 1253
Delta R.T. -0.02 min
Lab File: BF109381.D
Acq: 27 Sep 2018 12:43

Instrument :
BNA_F
ClientSampled :

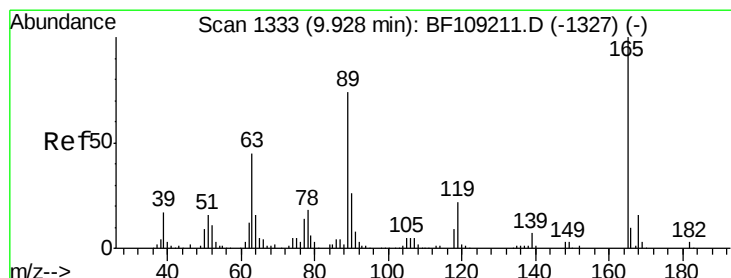
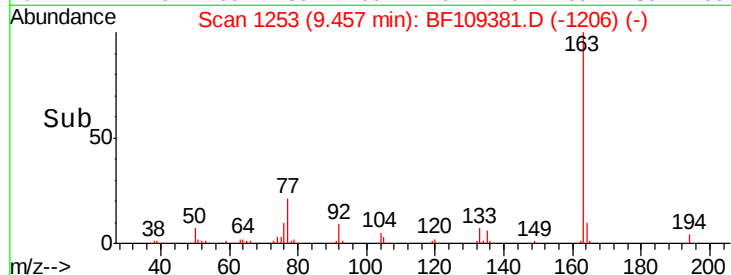
Tot Ion:163 Resp: 280511
Ion Ratio Lower Upper
163 100
194 3.9 2.7 4.1
164 9.8 8.2 12.2



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

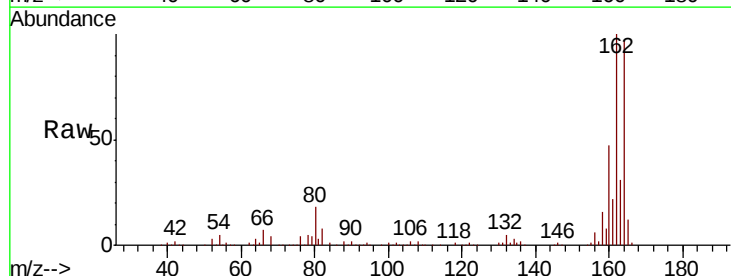


Time-->

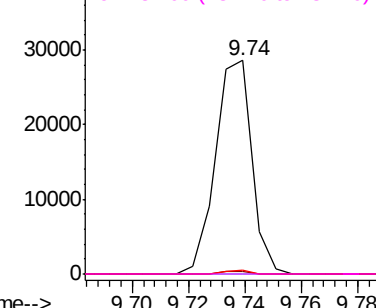


#56
2,4-Dinitrotoluene
Concen: 7.034 ng
RT: 9.74 min Scan# 1301
Delta R.T. -0.20 min
Lab File: BF109381.D
Acq: 27 Sep 2018 12:43

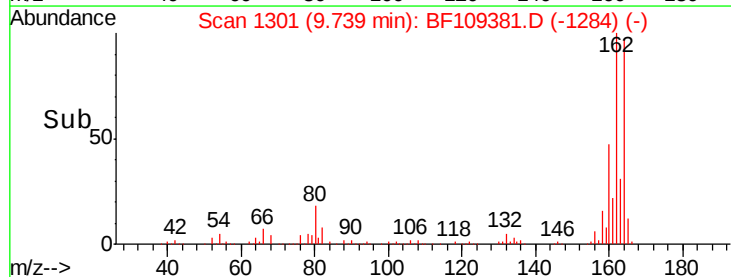
Tgt Ion:165 Resp: 25581
Ion Ratio Lower Upper
165 100
63 1.4 36.4 54.6#
89 1.8 57.8 86.6#
182 0.0 1.6 2.4#

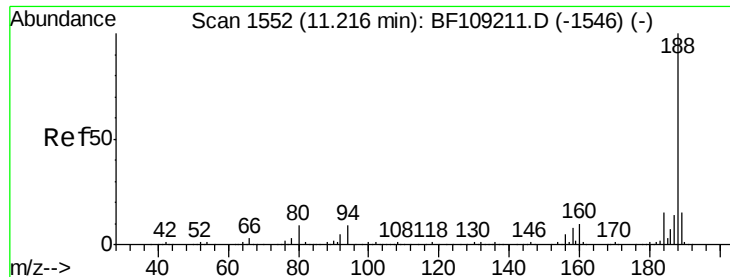


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E



Time-->

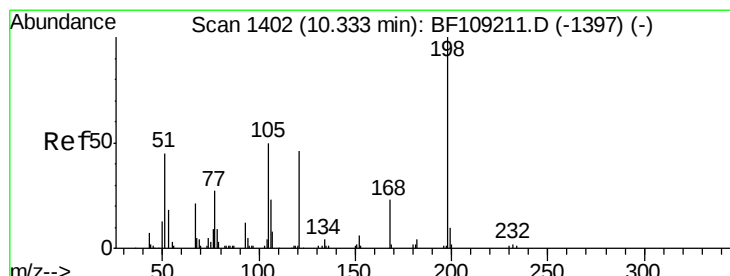
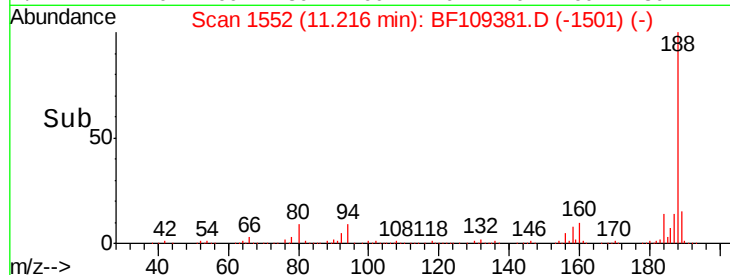
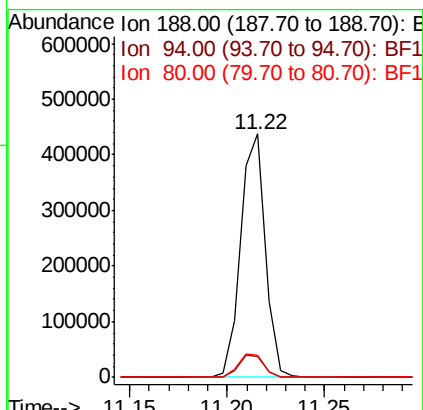
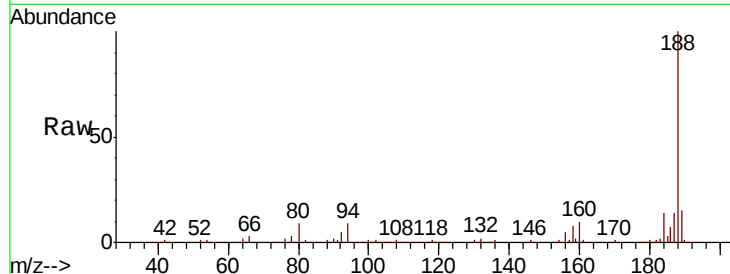




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.22 min Scan# 1552
 Delta R.T. -0.00 min
 Lab File: BF109381.D
 Acq: 27 Sep 2018 12:43

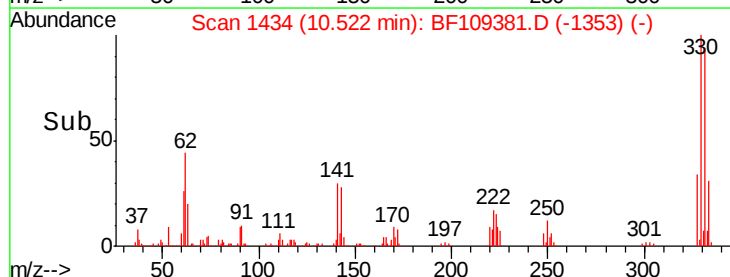
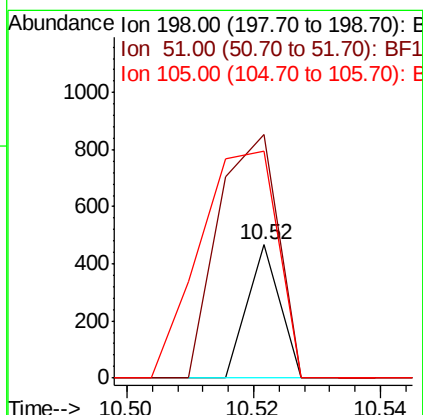
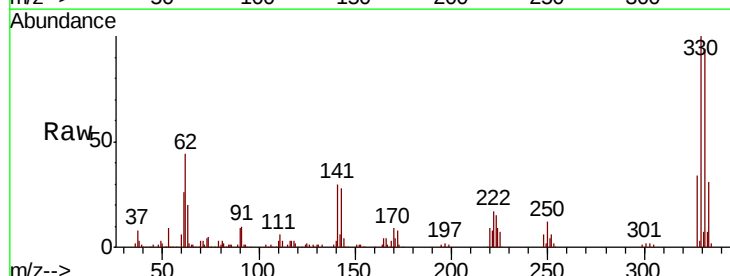
Instrument :
 BNA_F
 ClientSampled :

Tot Ion:188 Resp: 382690
 Ion Ratio Lower Upper
 188 100
 94 8.7 8.5 12.7
 80 9.1 9.2 13.8#



#64
 4,6-Dinitro-2-methylphenol
 Concen: 6.613 ng
 RT: 10.52 min Scan# 1434
 Delta R.T. 0.18 min
 Lab File: BF109381.D
 Acq: 27 Sep 2018 12:43

Tgt Ion:198 Resp: 165
 Ion Ratio Lower Upper
 198 100
 51 182.7 37.7 77.7#
 105 170.7 36.3 76.3#

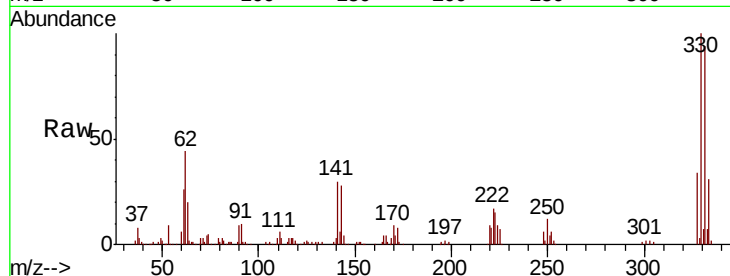




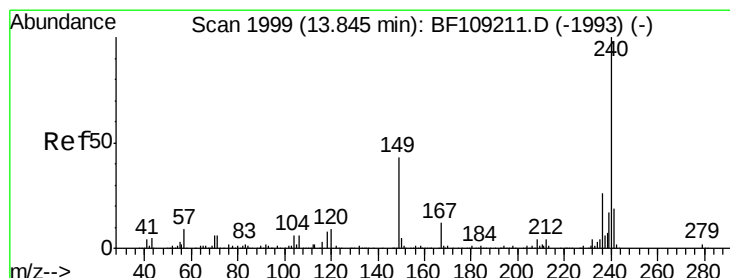
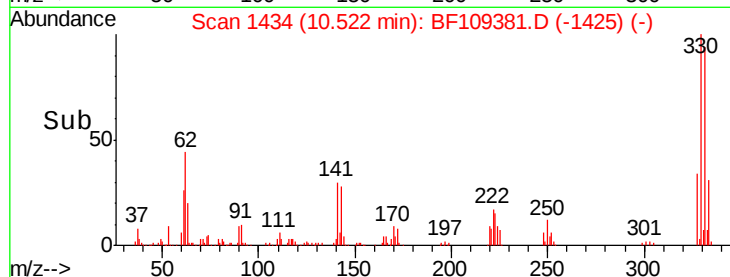
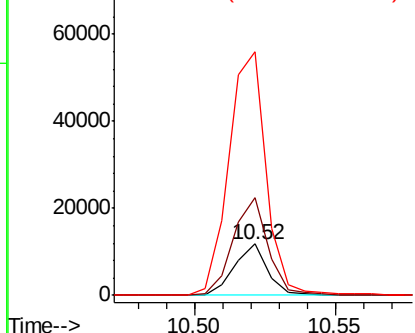
#66
4-Bromophenyl-phenylether
Concen: 2.257 ng
RT: 10.52 min Scan# 1434
Delta R.T. -0.25 min
Lab File: BF109381.D
Acq: 27 Sep 2018 12:43

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 9591
Ion Ratio Lower Upper
248 100
250 192.3 76.9 115.3#
141 477.6 74.4 111.6#

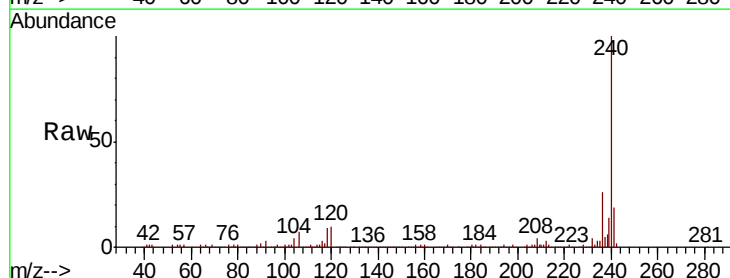


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

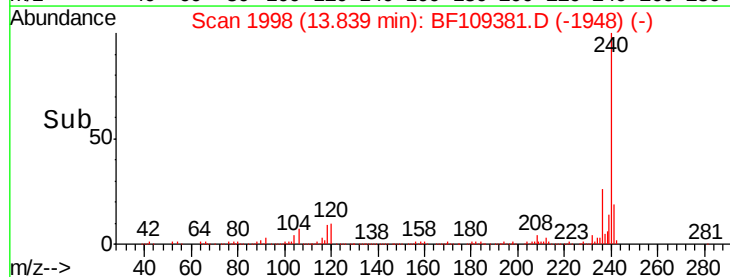
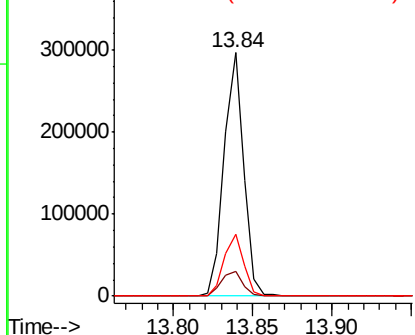


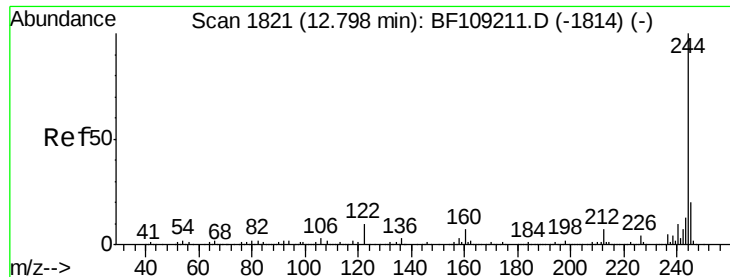
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.84 min Scan# 1998
Delta R.T. -0.01 min
Lab File: BF109381.D
Acq: 27 Sep 2018 12:43

Tgt Ion:240 Resp: 254287
Ion Ratio Lower Upper
240 100
120 9.9 9.5 14.3
236 25.6 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

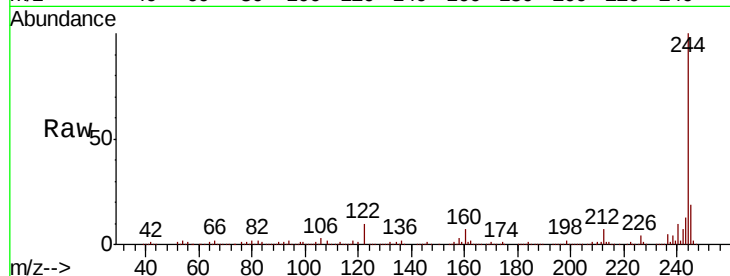




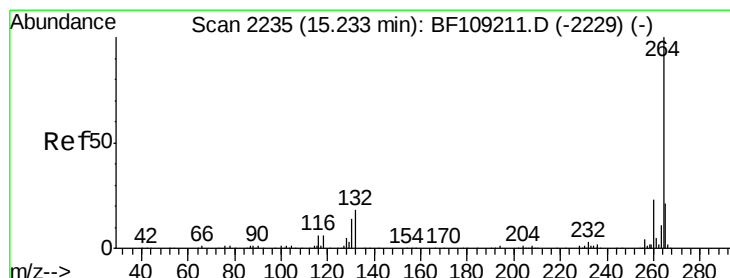
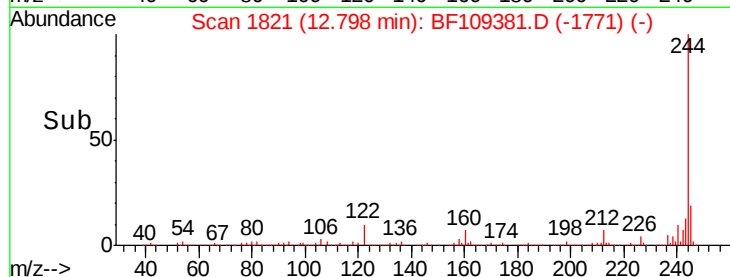
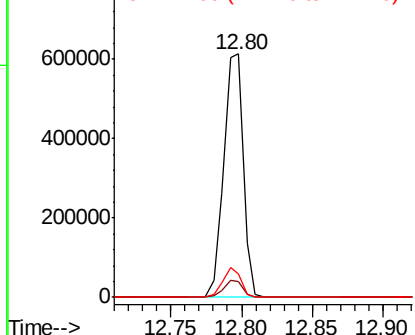
#78
 Terphenyl-d14
 Concen: 57.115 ng
 RT: 12.80 min Scan# 1821
 Delta R.T. -0.01 min
 Lab File: BF109381.D
 Acq: 27 Sep 2018 12:43

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 591793
 Ion Ratio Lower Upper
 244 100
 212 6.5 5.4 8.0
 122 9.6 11.0 16.4#

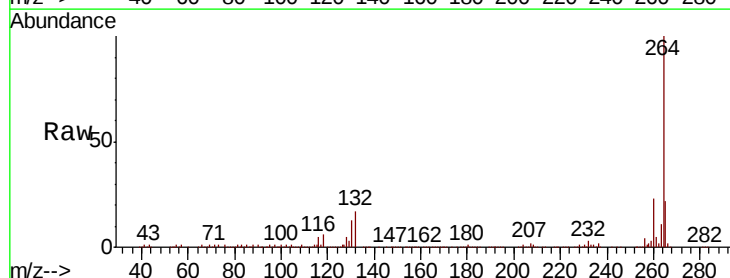


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.24 min Scan# 2236
 Delta R.T. -0.00 min
 Lab File: BF109381.D
 Acq: 27 Sep 2018 12:43

Tgt Ion:264 Resp: 279832
 Ion Ratio Lower Upper
 264 100
 260 23.3 19.2 28.8
 265 22.1 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

