

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092618\
 Data File : BF109336.D
 Acq On : 26 Sep 2018 15:09
 Operator : JU/SJ
 Sample : J5069-05
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 26 16:12:26 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

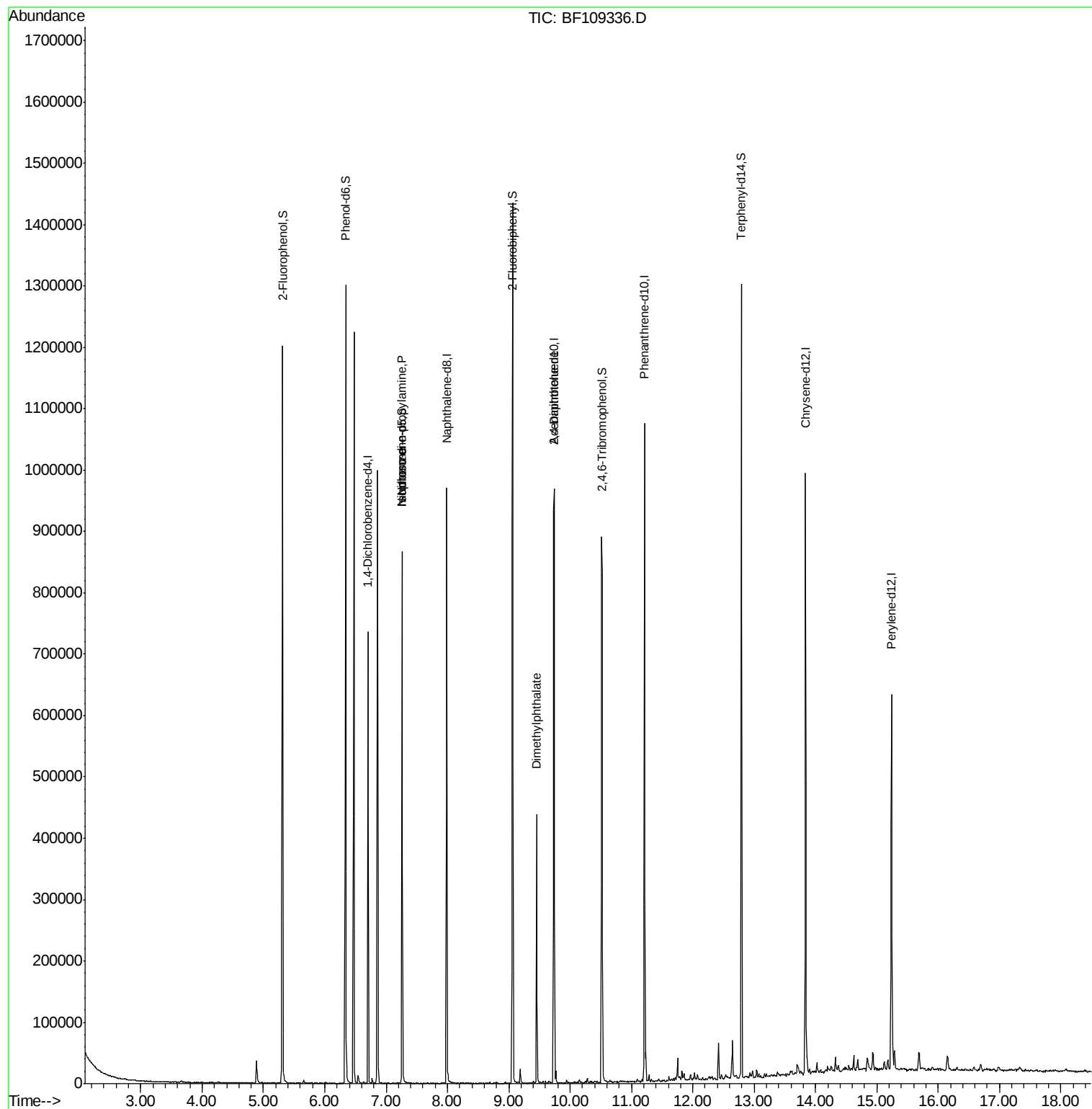
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	99096	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	389371	20.00	ng	0.00
38) Acenaphthene-d10	9.74	164	193093	20.00	ng	0.00
63) Phenanthrene-d10	11.22	188	388468	20.00	ng	0.00
75) Chrysene-d12	13.84	240	301403	20.00	ng	0.00
86) Perylene-d12	15.24	264	277435	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.31	112	313337	52.08	ng	0.00
7) Phenol-d6	6.34	99	403864	52.61	ng	-0.02
23) Nitrobenzene-d5	7.26	82	247333	37.50	ng	-0.02
41) 2,4,6-Tribromophenol	10.52	330	110237	57.91	ng	-0.01
44) 2-Fluorobiphenyl	9.06	172	394672	30.83	ng	-0.01
78) Terphenyl-d14	12.79	244	391400	31.87	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.26	70	32435	6.448	ng	# 78
25) Isophorone	7.26	82	227828	19.181	ng	# 64
49) Dimethylphthalate	9.46	163	163829	11.665	ng	99
56) 2,4-Dinitrotoluene	9.73	165	24519	6.967	ng	# 23

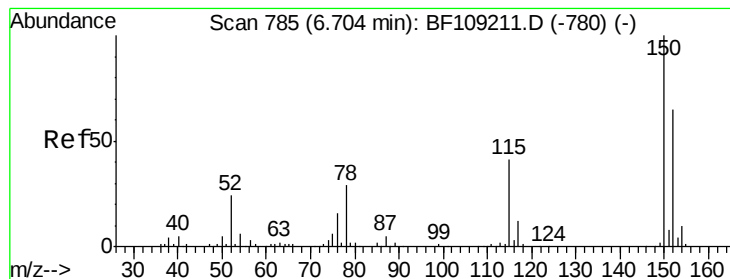
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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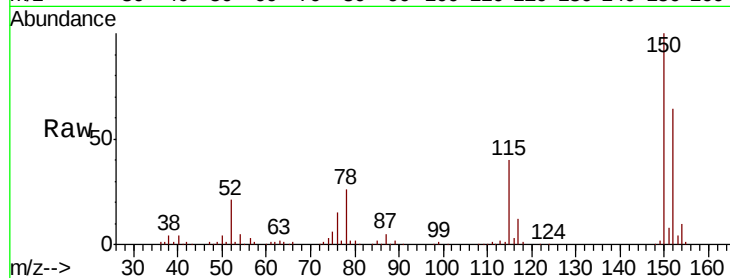


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.70 min Scan# 785
Delta R.T. -0.01 min
Lab File: BF109336.D
Acq: 26 Sep 2018 15:09

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.7	124.6	186.8
115	62.3	50.1	75.1

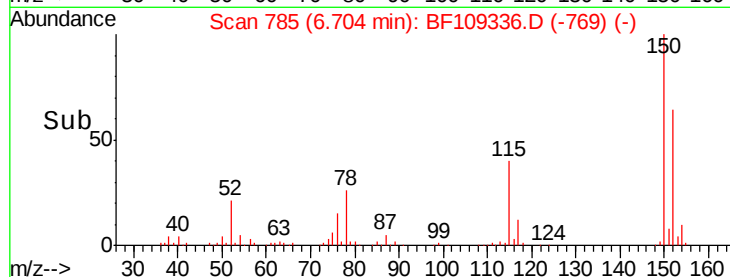
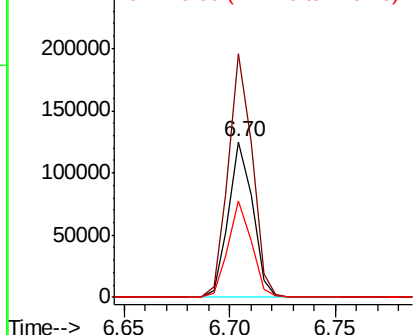


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

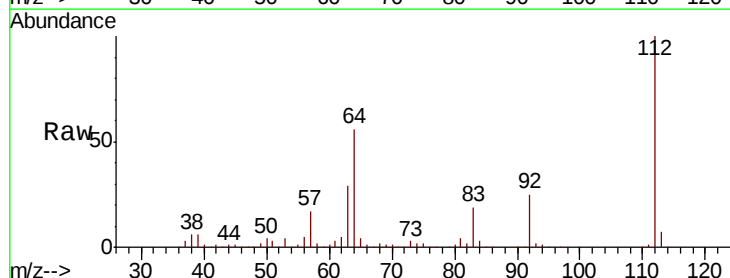
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 52.080 ng
RT: 5.31 min Scan# 548
Delta R.T. -0.01 min
Lab File: BF109336.D
Acq: 26 Sep 2018 15:09

Tgt Ion	Ratio	Lower	Upper
112	100		
64	56.4	47.9	71.9
63	29.3	23.7	35.5

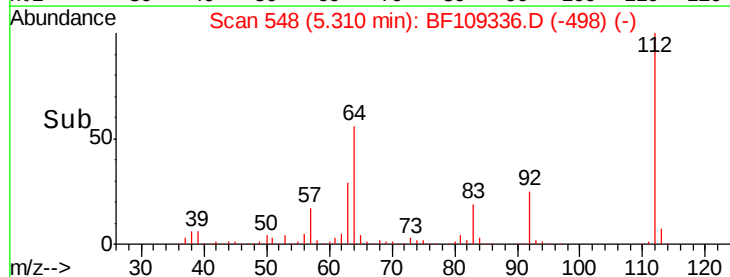
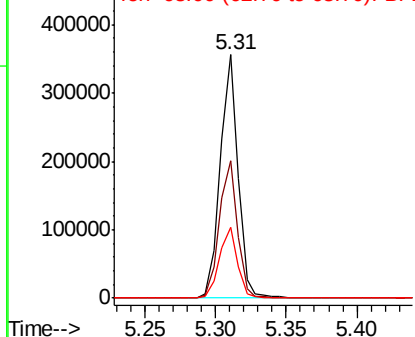


Abundance

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: 52.605 ng

RT: 6.34 min Scan# 723

Delta R.T. -0.02 min

Lab File: BF109336.D

Acq: 26 Sep 2018 15:09

Instrument :

BNA_F

ClientSampled :

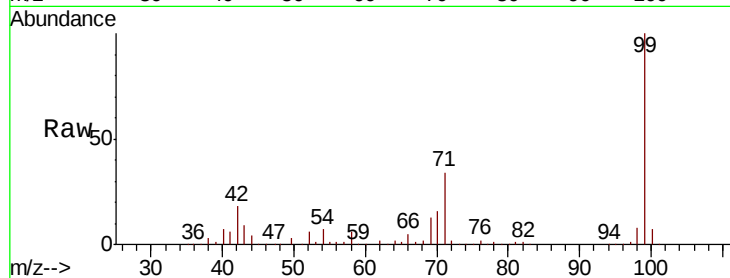
Tot Ion: 99 Resp: 403864

Ion Ratio Lower Upper

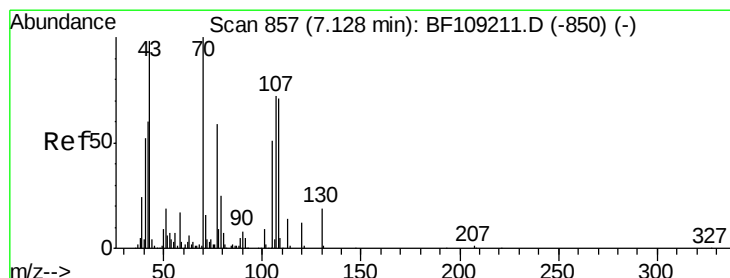
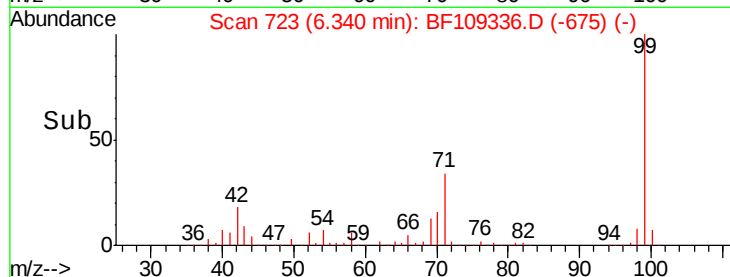
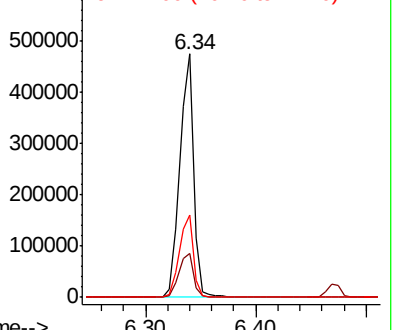
99 100

42 18.1 14.5 21.7

71 33.7 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: 6.448 ng

RT: 7.26 min Scan# 880

Delta R.T. 0.12 min

Lab File: BF109336.D

Acq: 26 Sep 2018 15:09

Tgt Ion: 70 Resp: 32435

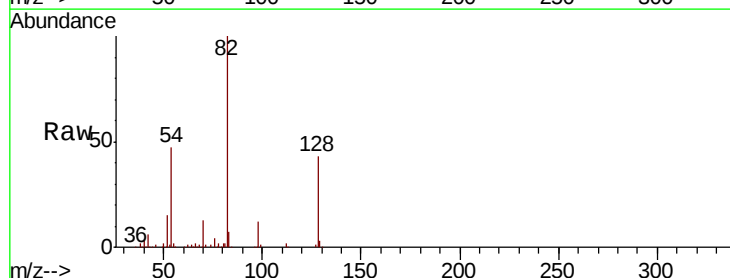
Ion Ratio Lower Upper

70 100

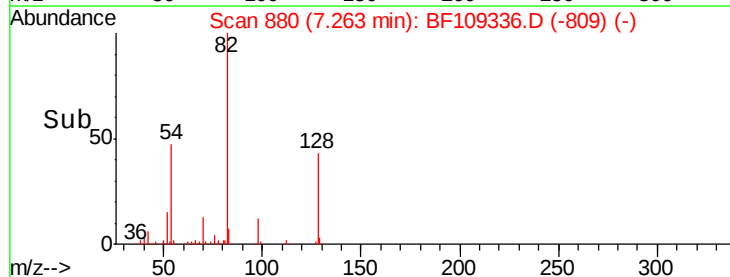
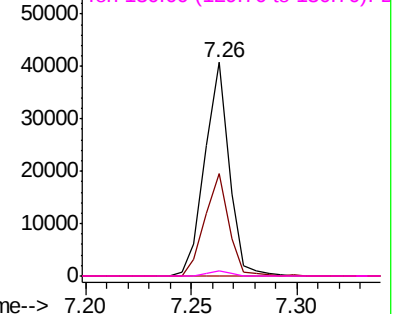
42 48.1 47.5 71.3

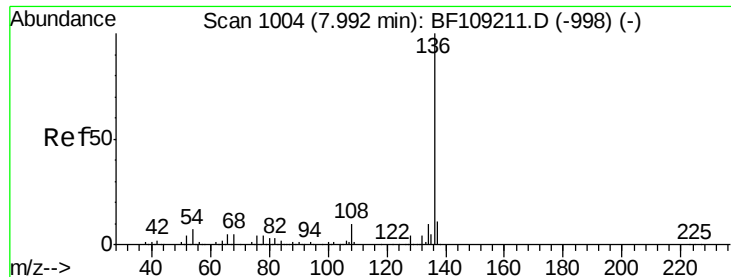
101 0.0 7.4 11.2#

130 2.3 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: BF109336.D

Acq: 26 Sep 2018 15:09

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 389371

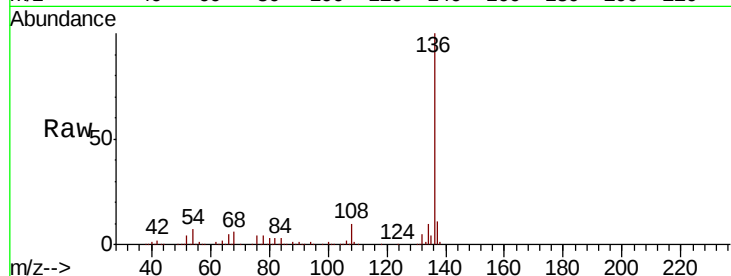
Ion Ratio Lower Upper

136 100

137 11.1 8.9 13.3

54 7.4 6.6 9.8

68 6.0 5.0 7.4

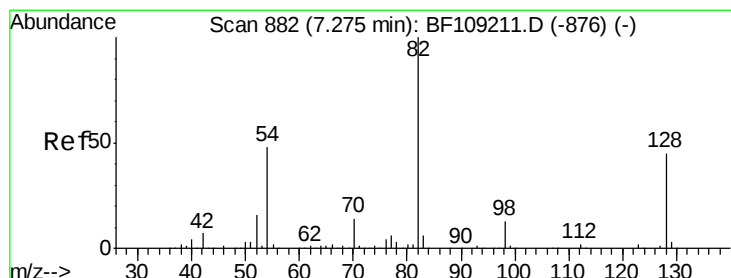
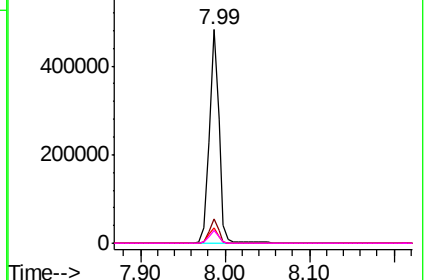
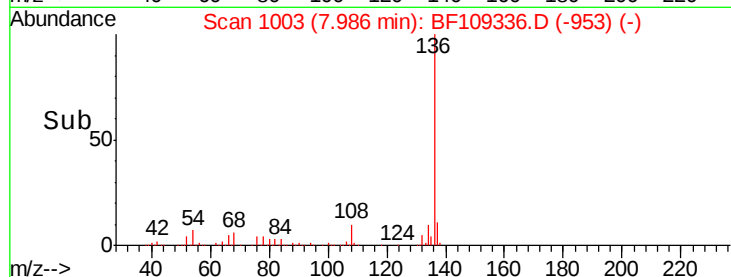


Abundance Ion 136.00 (135.70 to 136.70): E

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: 37.498 ng

RT: 7.26 min Scan# 880

Delta R.T. -0.02 min

Lab File: BF109336.D

Acq: 26 Sep 2018 15:09

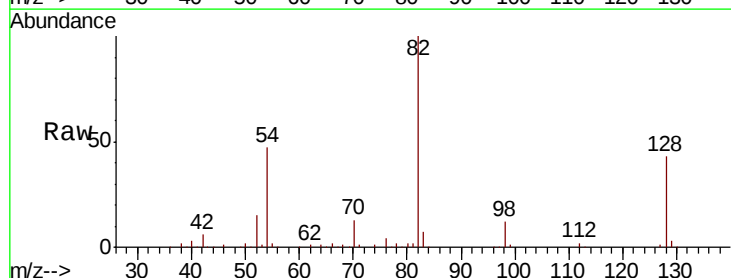
Tgt Ion: 82 Resp: 247333

Ion Ratio Lower Upper

82 100

128 43.1 36.1 54.1

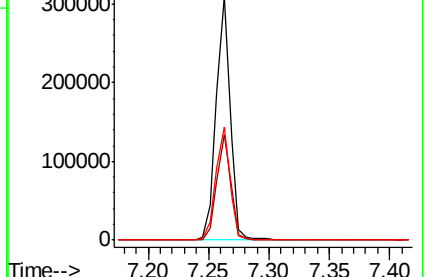
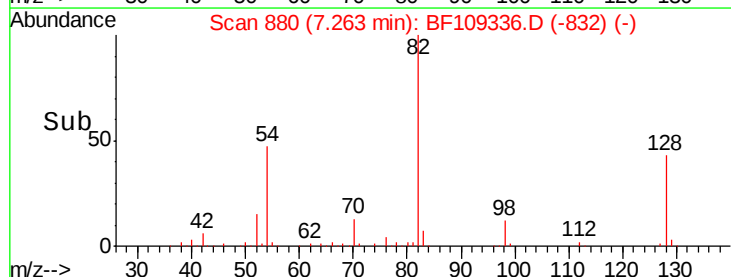
54 46.7 41.4 62.2

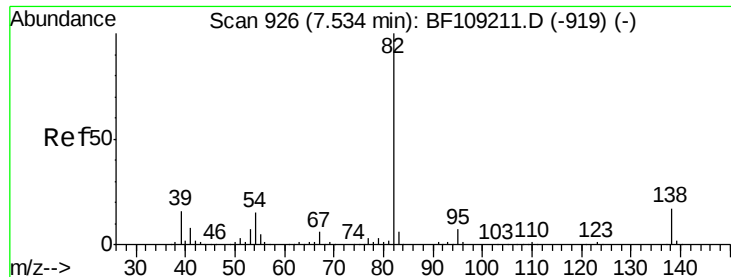


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1

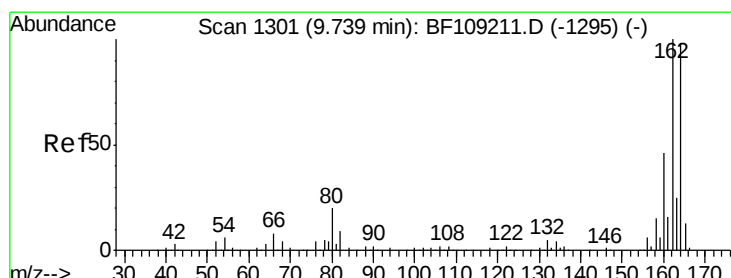
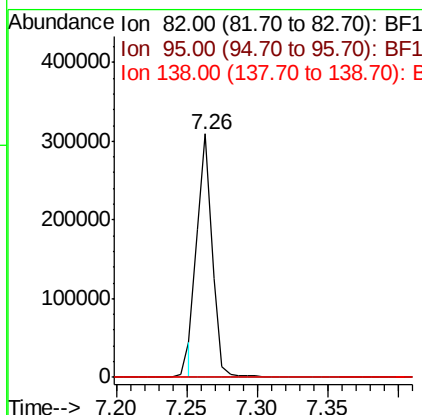
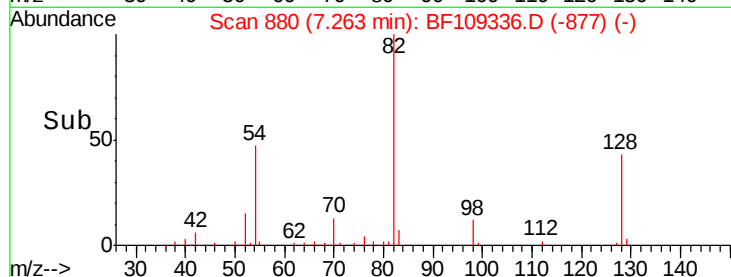
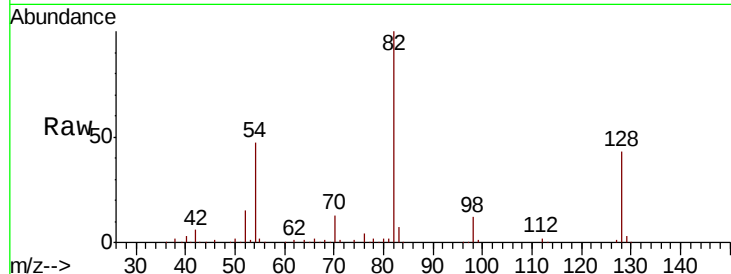




#25
Isophorone
Concen: 19.181 ng
RT: 7.26 min Scan# 880
Delta R.T. -0.28 min
Lab File: BF109336.D
Acq: 26 Sep 2018 15:09

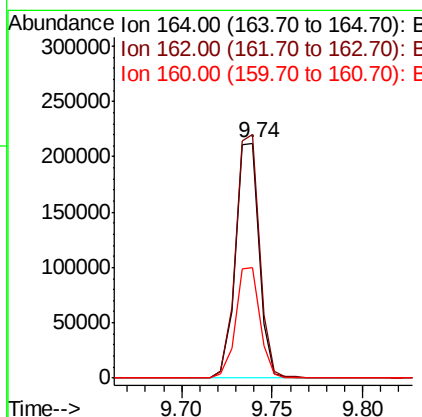
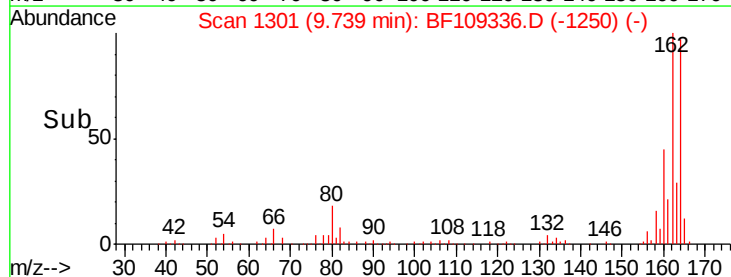
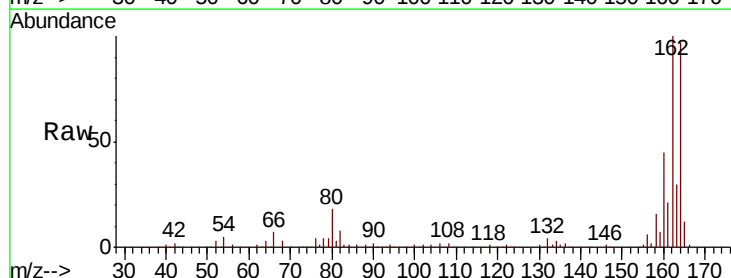
Instrument :
BNA_F
ClientSampleId :

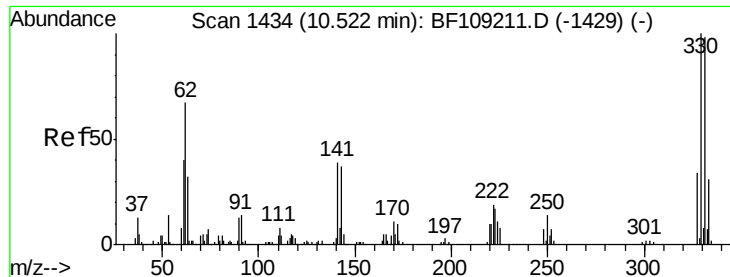
Tot Ion: 82 Resp: 227828
Ion Ratio Lower Upper
82 100
95 0.0 5.2 7.8#
138 0.0 14.9 22.3#



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.74 min Scan# 1301
Delta R.T. 0.00 min
Lab File: BF109336.D
Acq: 26 Sep 2018 15:09

Tgt Ion:164 Resp: 193093
Ion Ratio Lower Upper
164 100
162 103.6 86.1 129.1
160 46.8 38.3 57.5

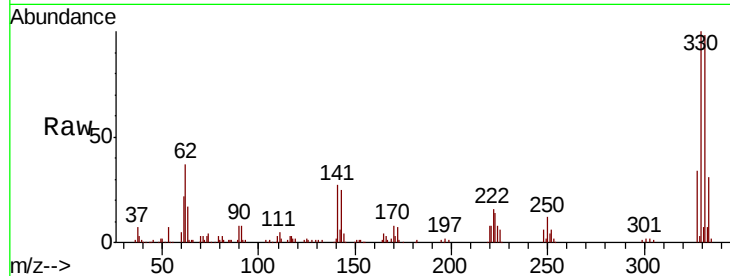




#41
 2,4,6-Tribromophenol
 Concen: 57.913 ng
 RT: 10.52 min Scan# 1434
 Delta R.T. -0.01 min
 Lab File: BF109336.D
 Acq: 26 Sep 2018 15:09

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.9	77.0	115.6
141	33.3	29.9	44.9

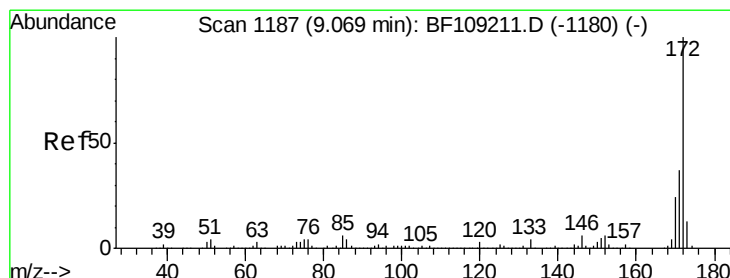
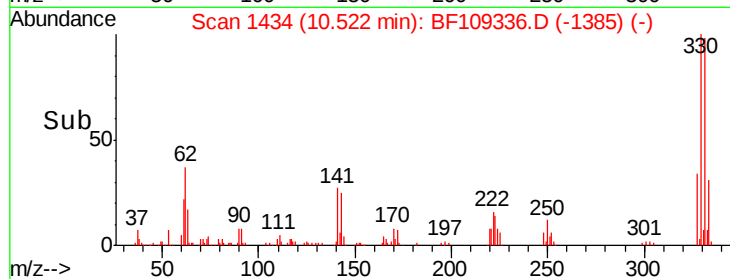
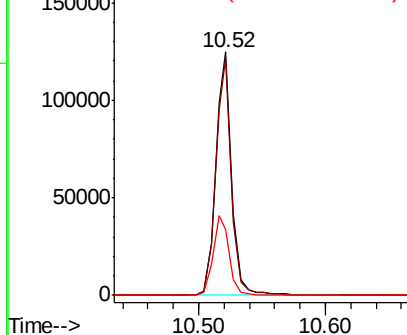


Abundance

Ion 329.80 (329.50 to 330.50): E

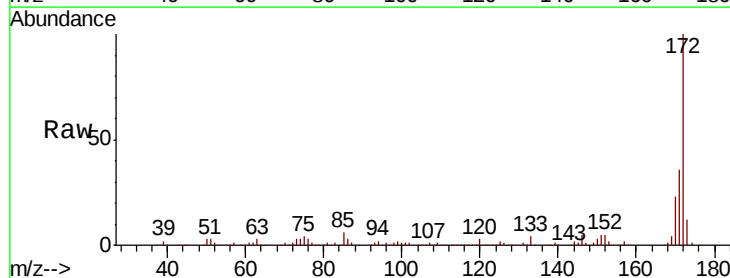
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 30.827 ng
 RT: 9.06 min Scan# 1186
 Delta R.T. -0.01 min
 Lab File: BF109336.D
 Acq: 26 Sep 2018 15:09

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.5	29.7	44.5
170	23.3	19.6	29.4

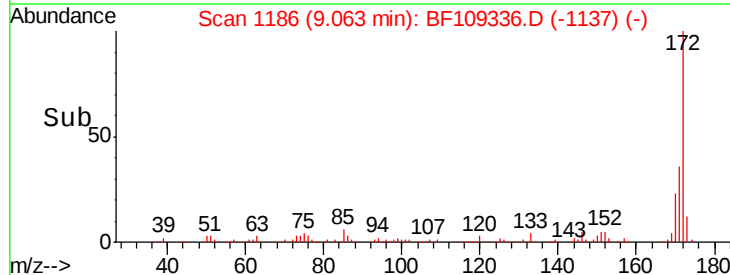
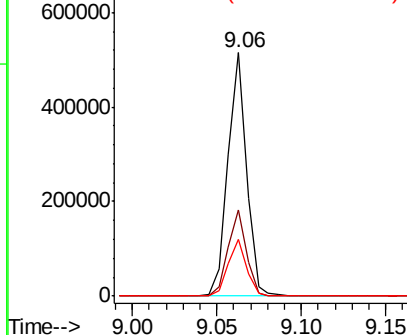


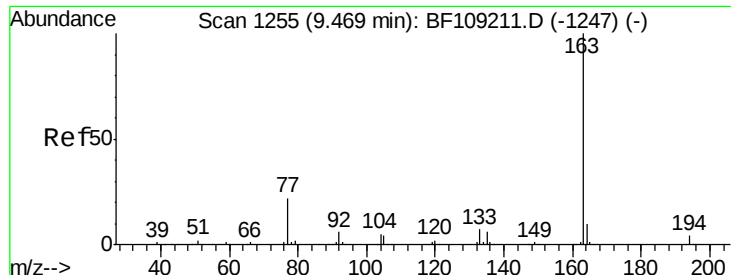
Abundance

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

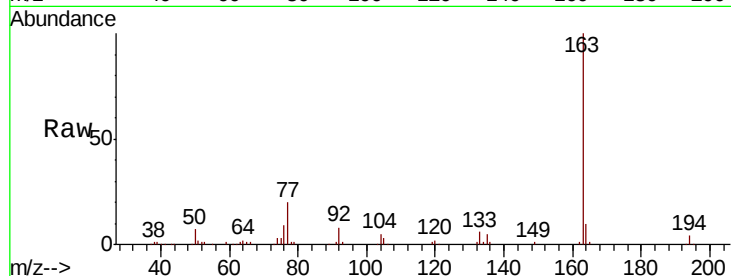




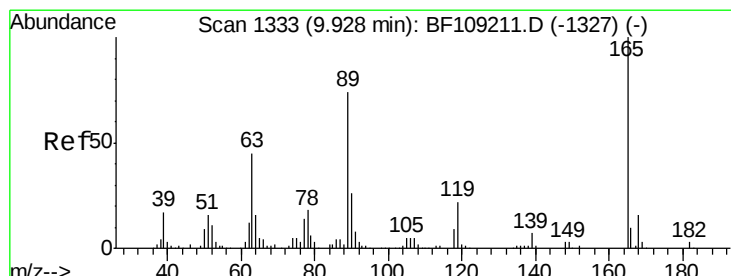
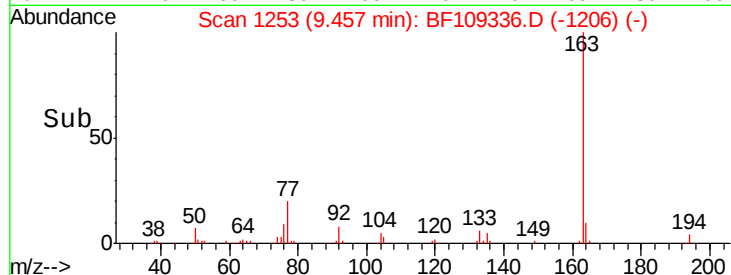
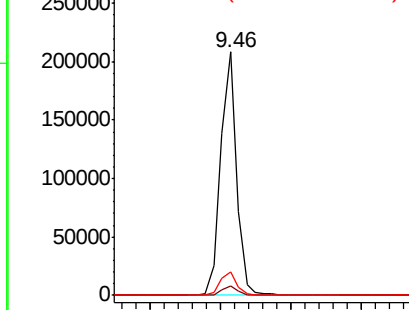
#49
Dimethylphthalate
Concen: 11.665 ng
RT: 9.46 min Scan# 1253
Delta R.T. -0.02 min
Lab File: BF109336.D
Acq: 26 Sep 2018 15:09

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
163	100		
194	4.0	2.7	4.1
164	9.8	8.2	12.2

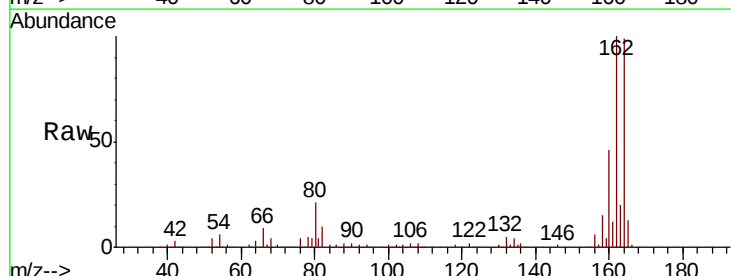


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

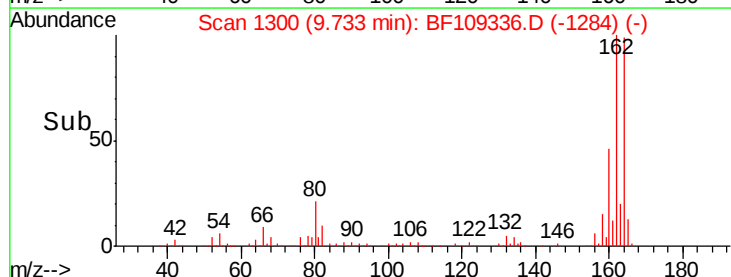
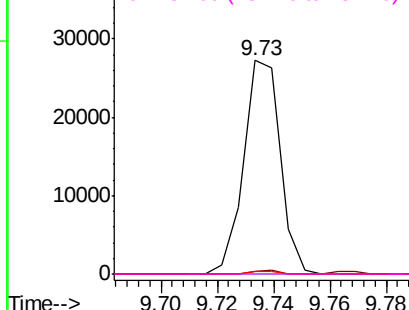


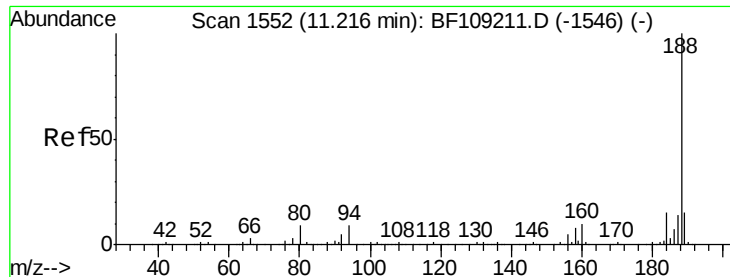
#56
2,4-Dinitrotoluene
Concen: 6.967 ng
RT: 9.73 min Scan# 1300
Delta R.T. -0.21 min
Lab File: BF109336.D
Acq: 26 Sep 2018 15:09

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.4	36.4	54.6#
89	1.5	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

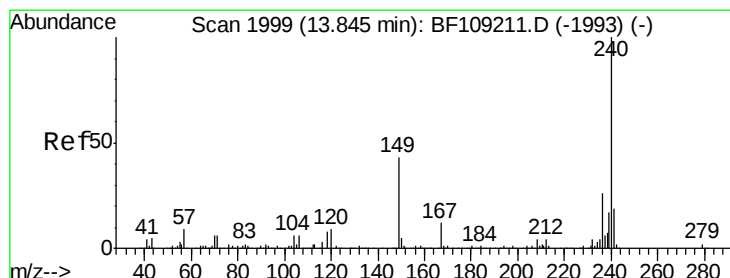
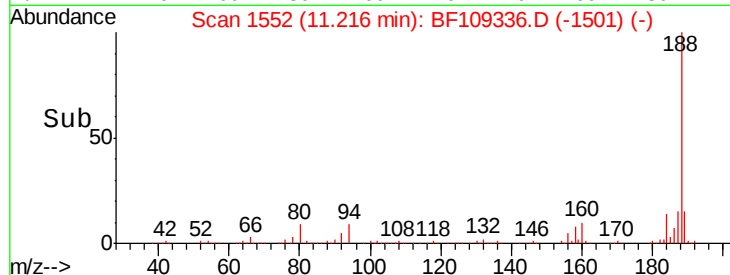
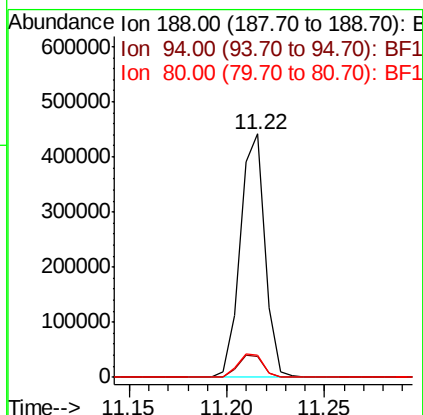
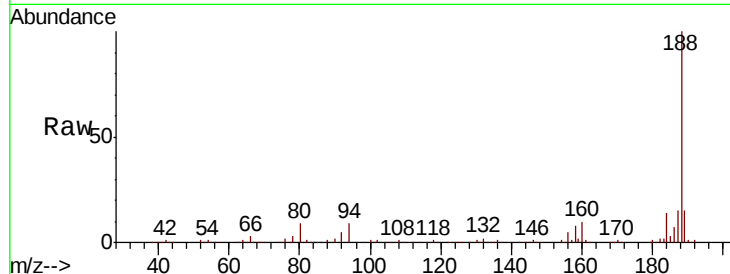




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.22 min Scan# 1552
Delta R.T. 0.00 min
Lab File: BF109336.D
Acq: 26 Sep 2018 15:09

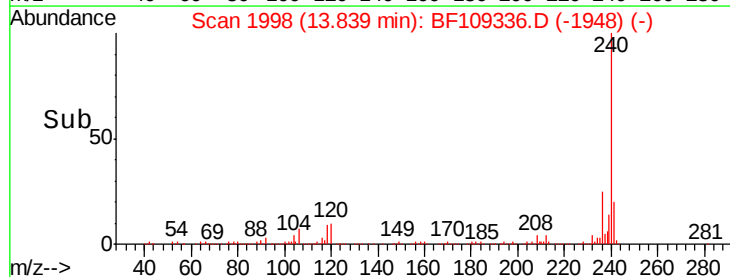
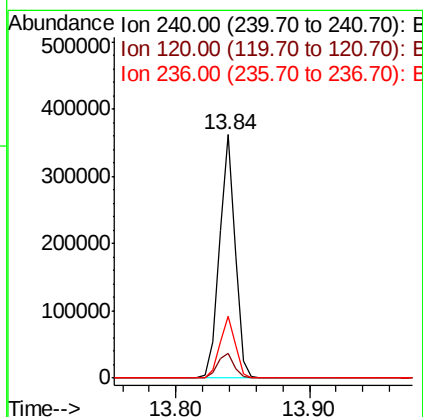
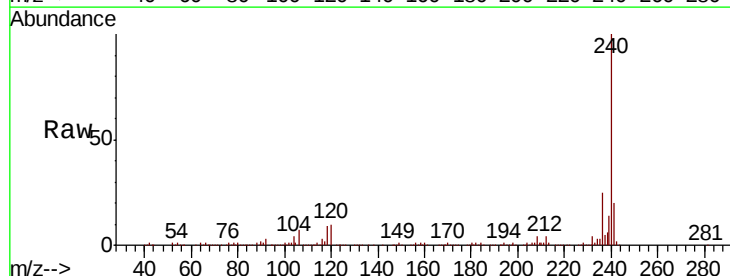
Instrument :
BNA_F
ClientSampled :

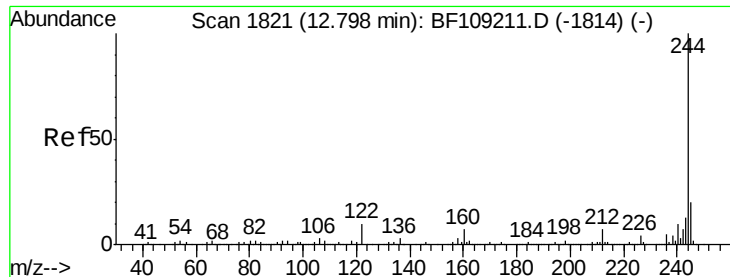
Tot Ion	Ratio	Lower	Upper
188	100		
94	8.8	8.5	12.7
80	9.2	9.2	13.8



#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.84 min Scan# 1998
Delta R.T. -0.01 min
Lab File: BF109336.D
Acq: 26 Sep 2018 15:09

Tgt Ion	Ratio	Lower	Upper
240	100		
120	10.4	9.5	14.3
236	25.3	20.7	31.1

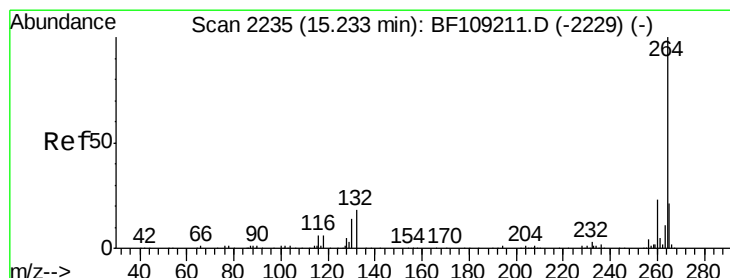
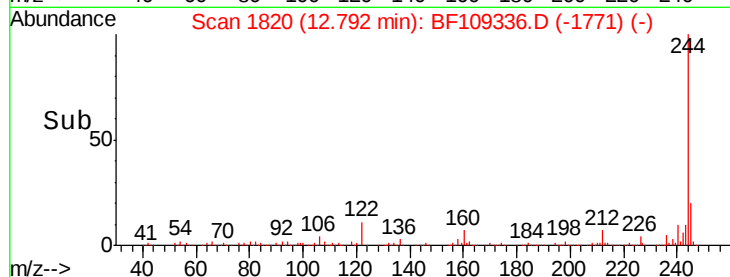
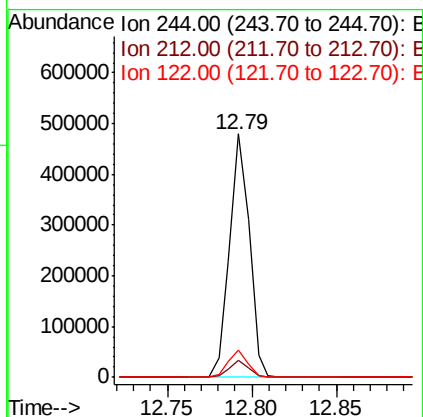
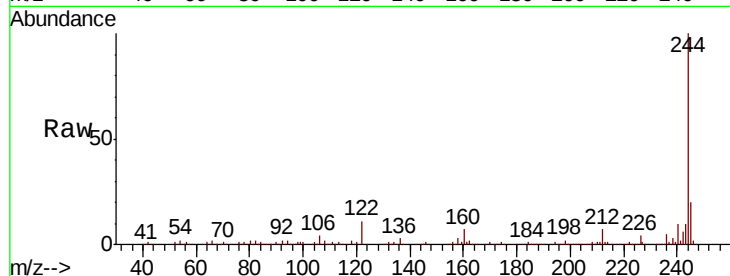




#78
 Terphenyl-d14
 Concen: 31.870 ng
 RT: 12.79 min Scan# 1820
 Delta R.T. -0.01 min
 Lab File: BF109336.D
 Acq: 26 Sep 2018 15:09

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 391400
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.4 8.0
 122 11.1 11.0 16.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.24 min Scan# 2236
 Delta R.T. 0.00 min
 Lab File: BF109336.D
 Acq: 26 Sep 2018 15:09

Tgt Ion:264 Resp: 277435
 Ion Ratio Lower Upper
 264 100
 260 23.7 19.2 28.8
 265 21.5 17.5 26.3

