

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092218\
 Data File : BF109224.D
 Acq On : 22 Sep 2018 16:34
 Operator : JU/SJ
 Sample : J5023-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 24 06:48:31 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

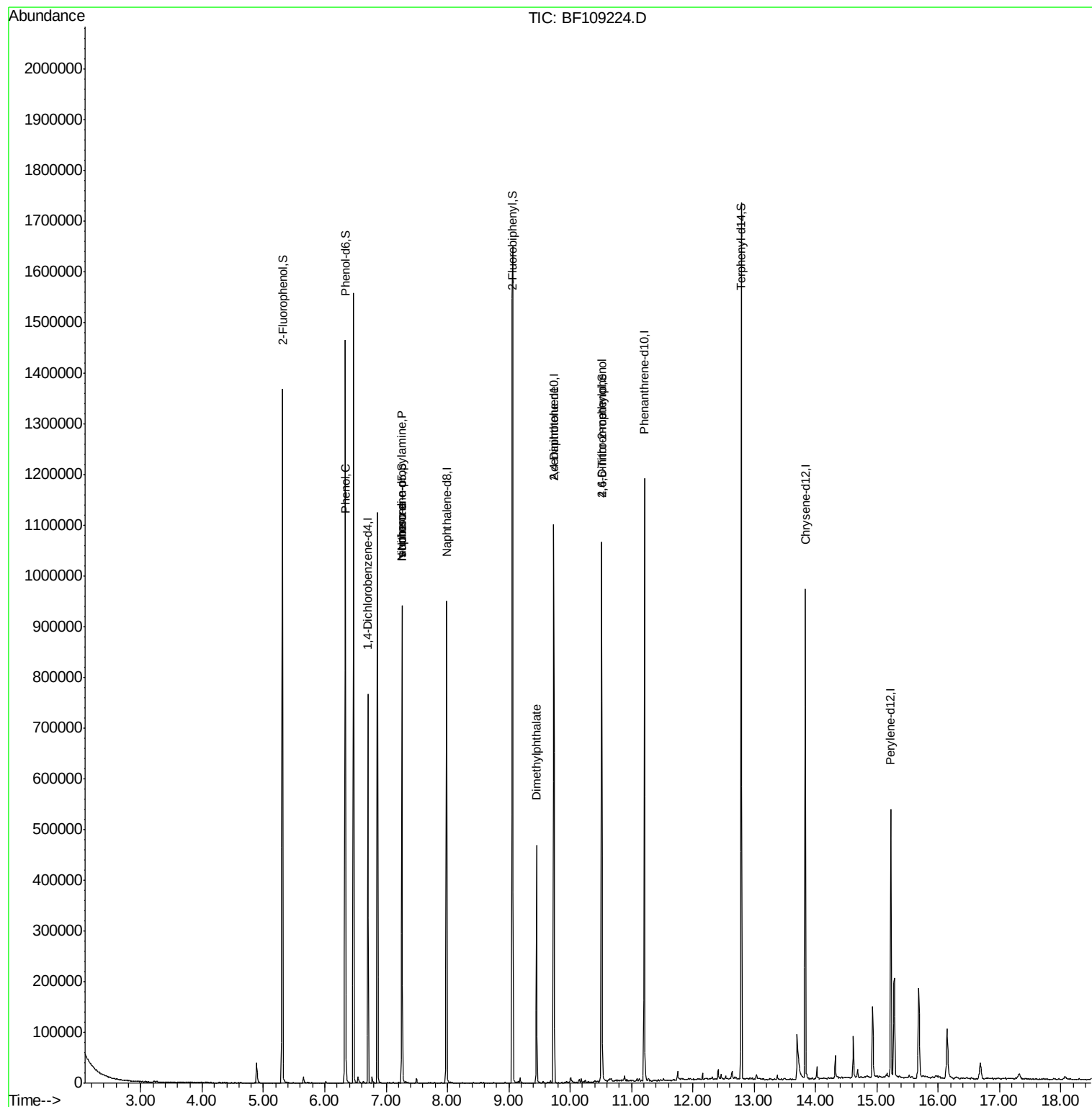
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	102936	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	406843	20.00	ng	0.00
38) Acenaphthene-d10	9.73	164	197126	20.00	ng	0.00
63) Phenanthrene-d10	11.21	188	386073	20.00	ng	0.00
75) Chrysene-d12	13.83	240	305715	20.00	ng	-0.01
86) Perylene-d12	15.23	264	231255	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.31	112	362760	58.05	ng	0.00
7) Phenol-d6	6.33	99	461910	57.92	ng	-0.02
23) Nitrobenzene-d5	7.26	82	281839	40.89	ng	-0.02
41) 2,4,6-Tribromophenol	10.52	330	114334	58.84	ng	-0.02
44) 2-Fluorobiphenyl	9.06	172	524467	40.13	ng	-0.01
78) Terphenyl-d14	12.79	244	539293	43.29	ng	-0.01
Target Compounds						
10) Phenol	6.35	94	20181	2.235	ng	94
19) n-Nitroso-di-n-propylamine	7.26	70	38185	7.307	ng	# 77
25) Isophorone	7.26	82	239934	19.333	ng	# 64
49) Dimethylphthalate	9.46	163	195216	13.616	ng	98
56) 2,4-Dinitrotoluene	9.73	165	24727	6.882	ng	# 23
64) 4,6-Dinitro-2-methylphenol	10.52	198	131	6.593	ng	# 1

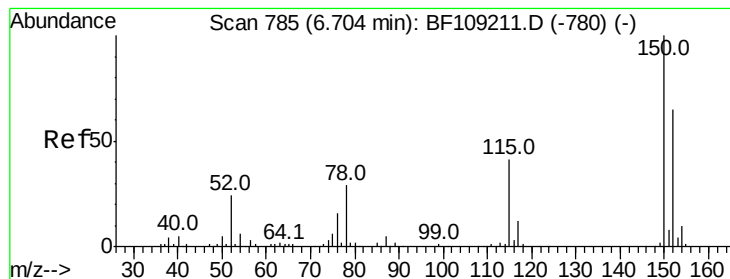
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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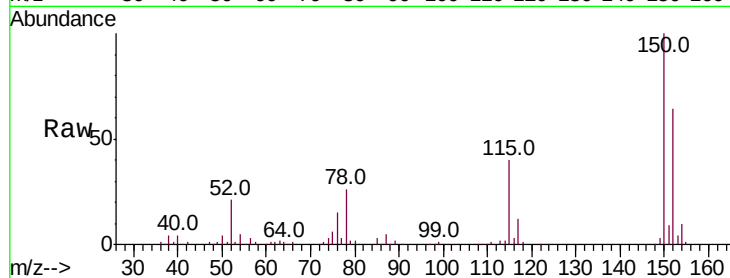


#1

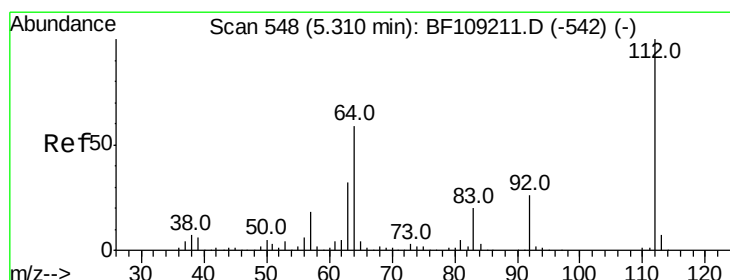
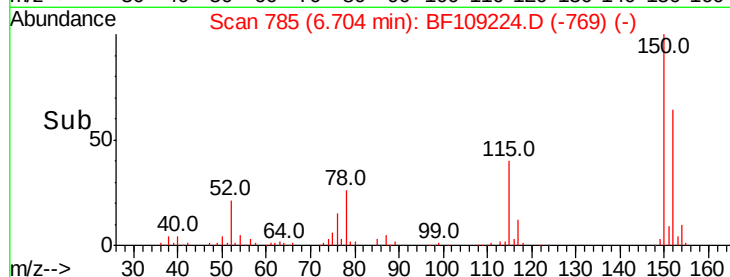
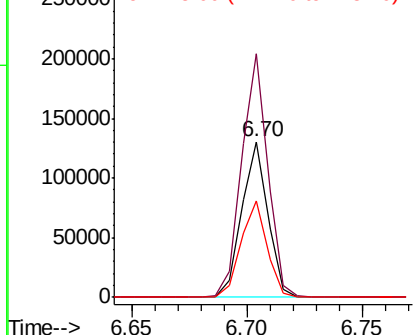
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.70 min Scan# 785
Delta R.T. -0.01 min
Lab File: BF109224.D
Acq: 22 Sep 2018 16:34

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 102936
Ion Ratio Lower Upper
152 100
150 156.8 124.6 186.8
115 62.3 50.1 75.1



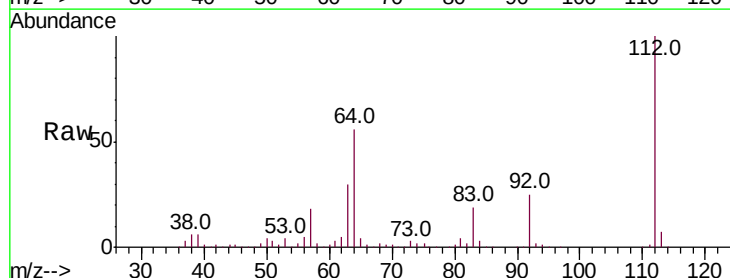
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



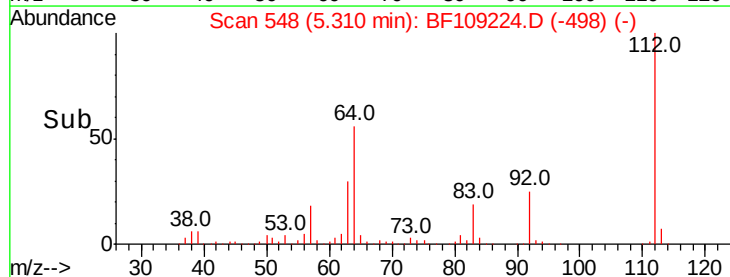
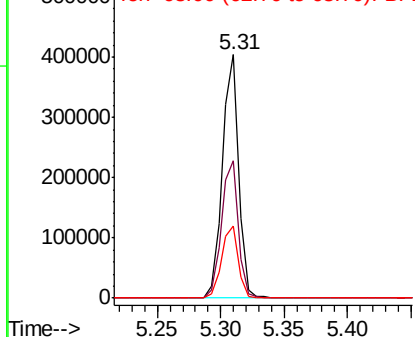
#5

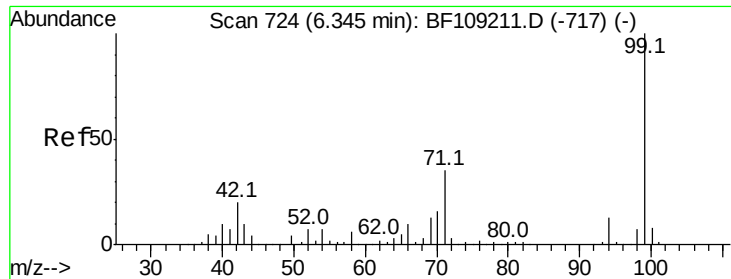
2-Fluorophenol
Concen: 58.045 ng
RT: 5.31 min Scan# 548
Delta R.T. -0.01 min
Lab File: BF109224.D
Acq: 22 Sep 2018 16:34

Tgt Ion:112 Resp: 362760
Ion Ratio Lower Upper
112 100
64 56.4 47.9 71.9
63 29.7 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: 57.922 ng

RT: 6.33 min Scan# 722

Delta R.T. -0.02 min

Lab File: BF109224.D

Acq: 22 Sep 2018 16:34

Instrument :

BNA_F

ClientSampleId :

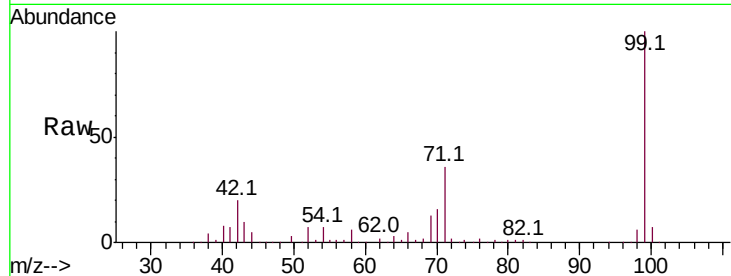
Tot Ion: 99 Resp: 461910

Ion Ratio Lower Upper

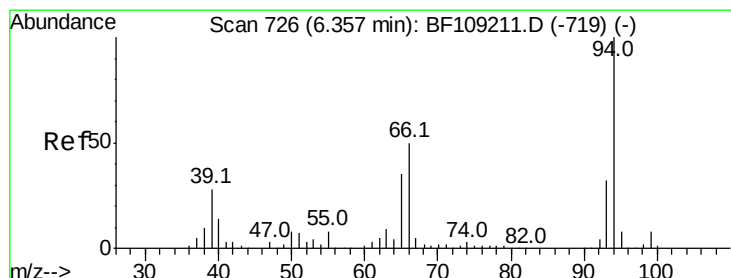
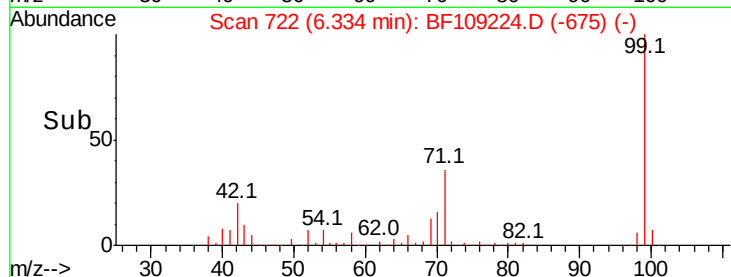
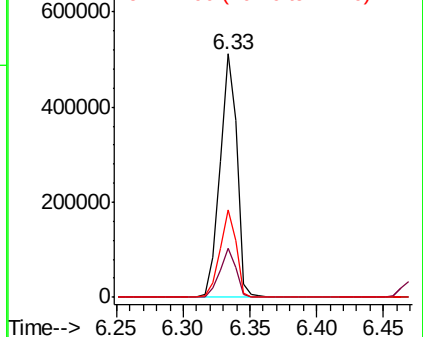
99 100

42 20.3 14.5 21.7

71 35.9 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



#10

Phenol

Concen: 2.235 ng

RT: 6.35 min Scan# 724

Delta R.T. -0.03 min

Lab File: BF109224.D

Acq: 22 Sep 2018 16:34

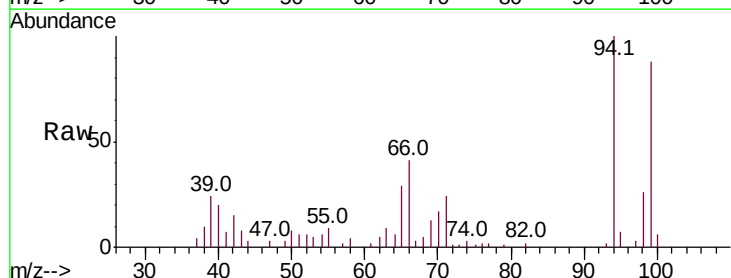
Tgt Ion: 94 Resp: 20181

Ion Ratio Lower Upper

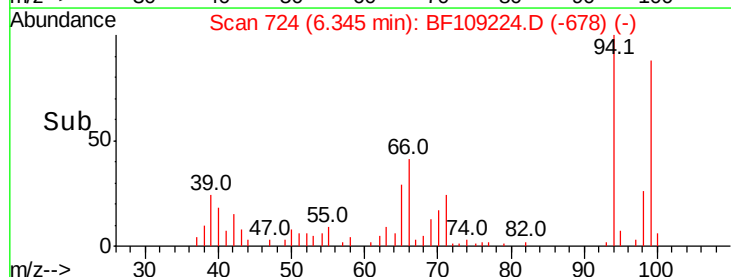
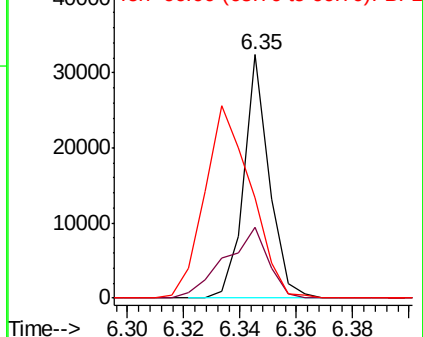
94 100

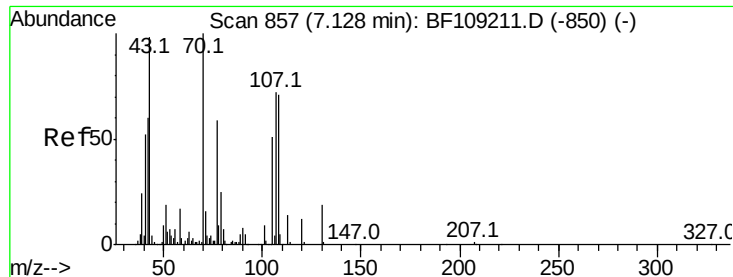
65 29.3 7.9 47.9

66 41.0 16.2 56.2



Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1

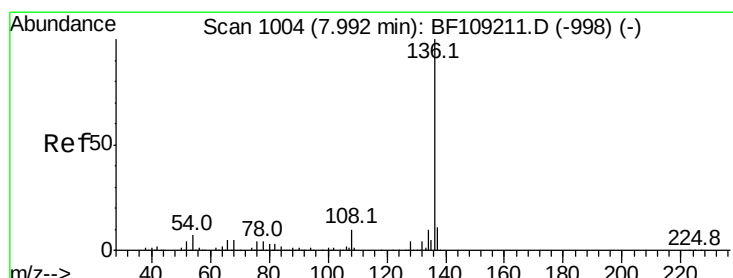
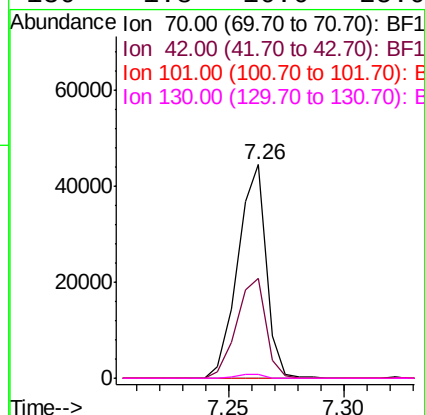
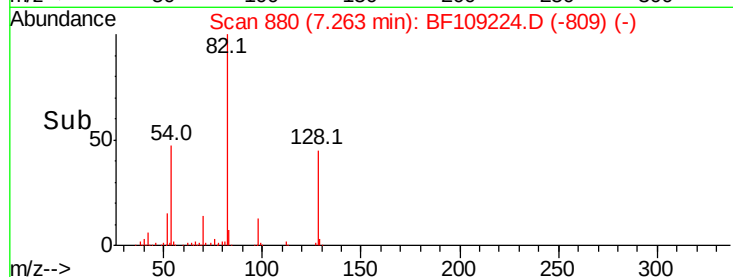
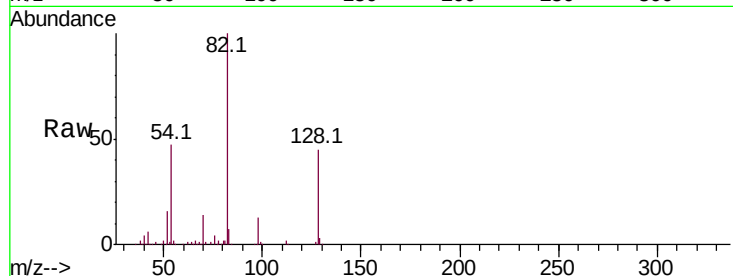




#19
n-Nitroso-di-n-propylamine
Concen: 7.307 ng
RT: 7.26 min Scan# 880
Delta R.T. 0.12 min
Lab File: BF109224.D
Acq: 22 Sep 2018 16:34

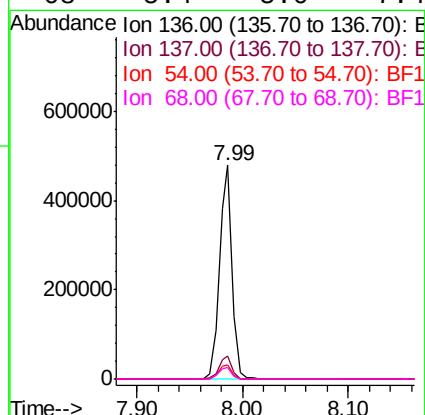
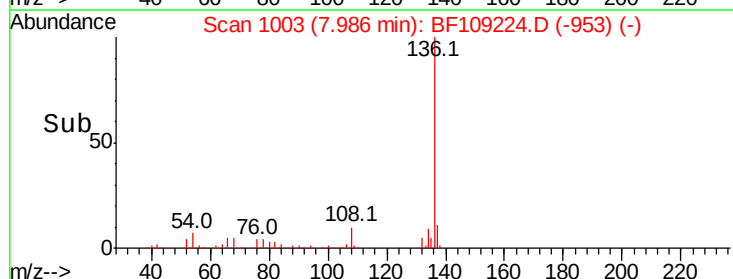
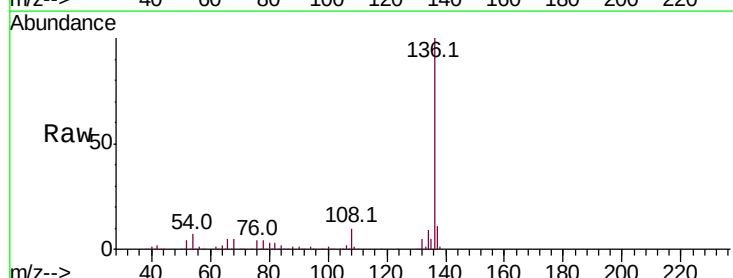
Instrument :
BNA_F
ClientSampleId :

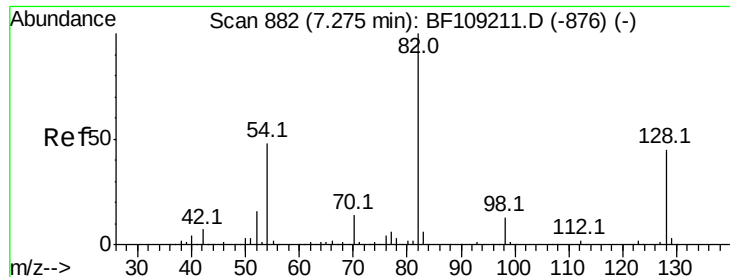
Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	46.7	47.5	71.3#	
101	0.0	7.4	11.2#	
130	1.8	16.6	25.0#	



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.99 min Scan# 1003
Delta R.T. -0.01 min
Lab File: BF109224.D
Acq: 22 Sep 2018 16:34

Tgt Ion	Ion	Ratio	Lower	Upper
136	100			
137	10.7	8.9	13.3	
54	6.8	6.6	9.8	
68	5.4	5.0	7.4	

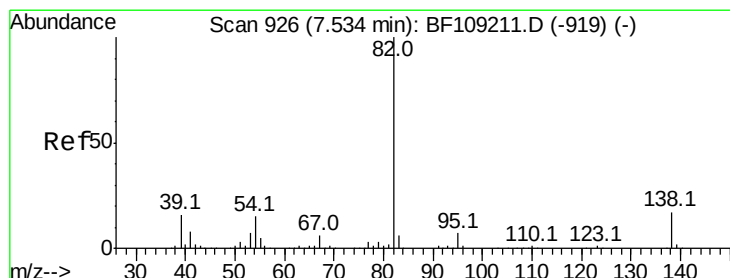
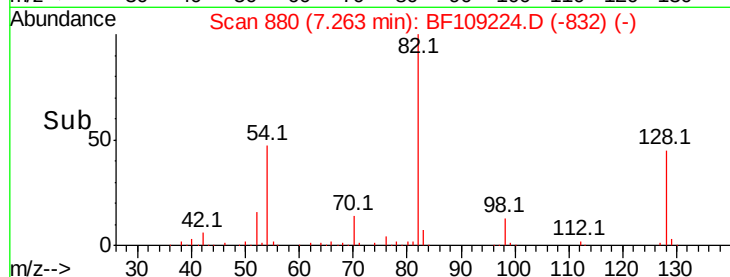
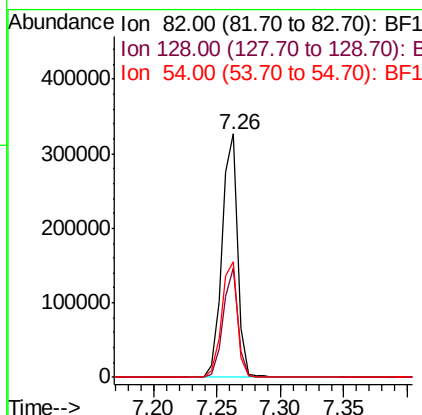
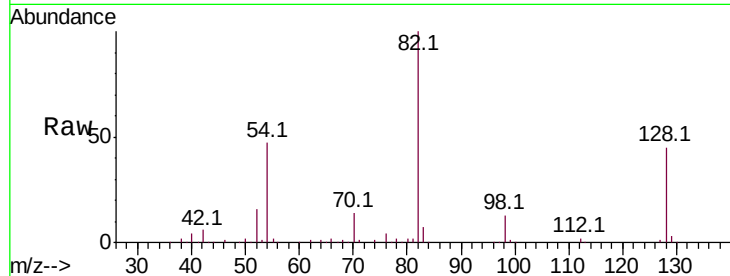




#23
Nitrobenzene-d5
Concen: 40.894 ng
RT: 7.26 min Scan# 880
Delta R.T. -0.02 min
Lab File: BF109224.D
Acq: 22 Sep 2018 16:34

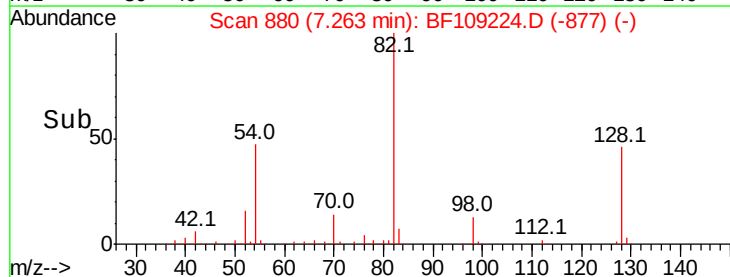
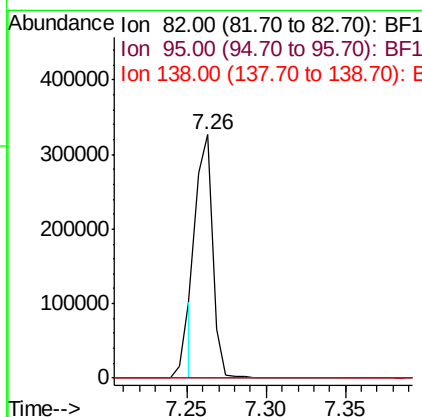
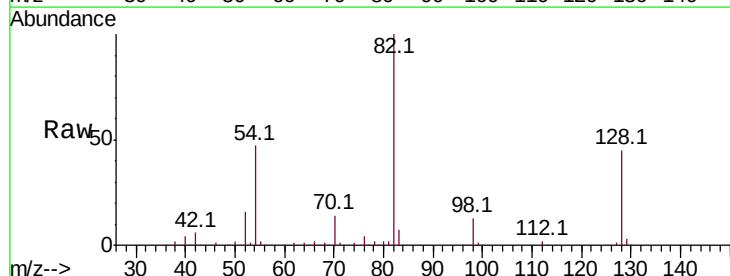
Instrument :
BNA_F
ClientSampleId :

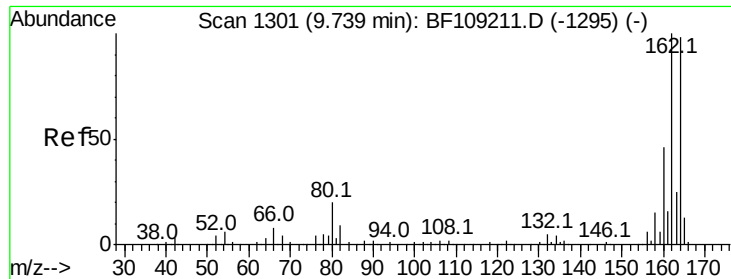
Tot Ion	82	Resp	281839
Ion Ratio	Lower	Upper	
82	100		
128	45.1	36.1	54.1
54	47.2	41.4	62.2



#25
Isophorone
Concen: 19.333 ng
RT: 7.26 min Scan# 880
Delta R.T. -0.28 min
Lab File: BF109224.D
Acq: 22 Sep 2018 16:34

Tgt Ion	82	Resp	239934
Ion Ratio	Lower	Upper	
82	100		
95	0.0	5.2	7.8#
138	0.0	14.9	22.3#

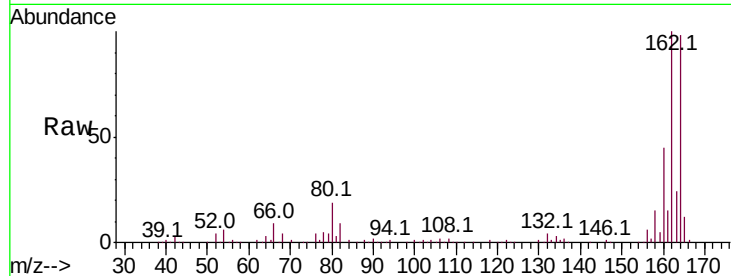




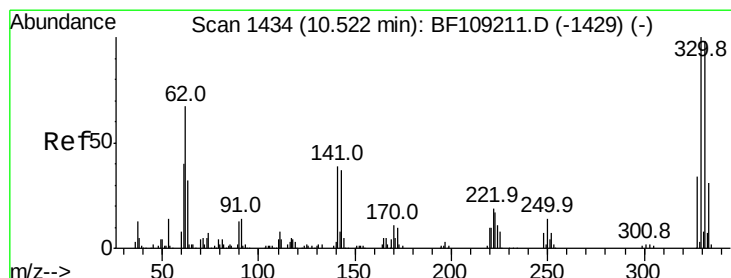
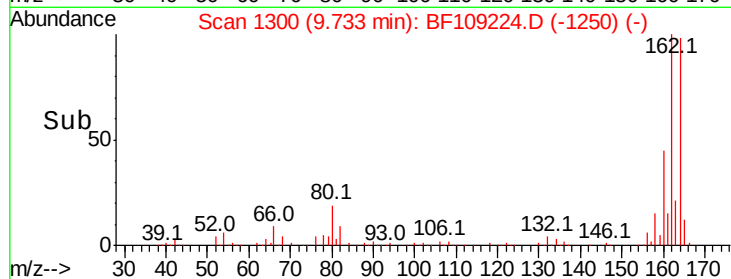
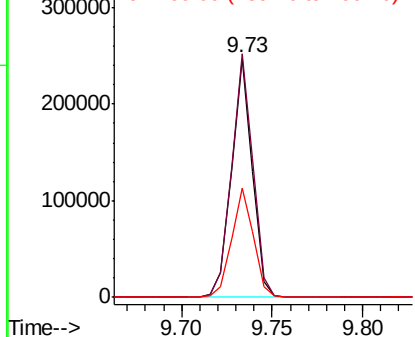
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.73 min Scan# 1300
Delta R.T. -0.01 min
Lab File: BF109224.D
Acq: 22 Sep 2018 16:34

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
164	100		
162	102.0	86.1	129.1
160	46.0	38.3	57.5

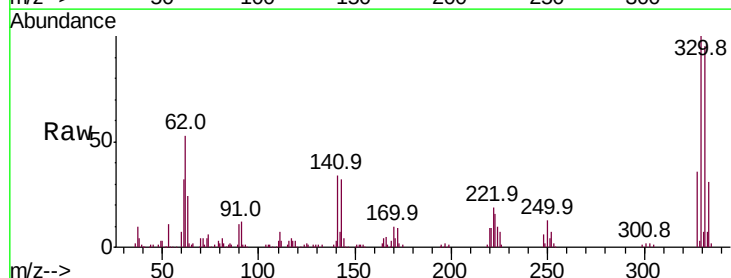


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

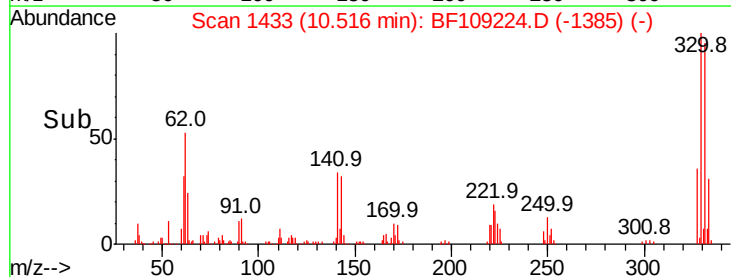
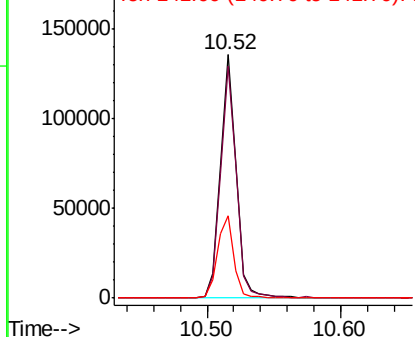


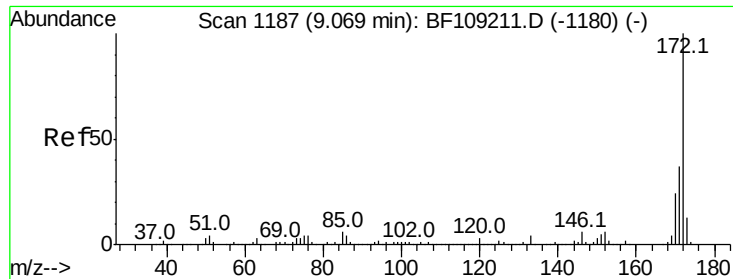
#41
2,4,6-Tribromophenol
Concen: 58.836 ng
RT: 10.52 min Scan# 1433
Delta R.T. -0.02 min
Lab File: BF109224.D
Acq: 22 Sep 2018 16:34

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.7	77.0	115.6
141	35.1	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

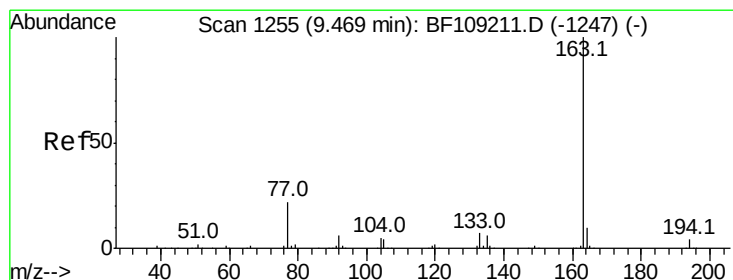
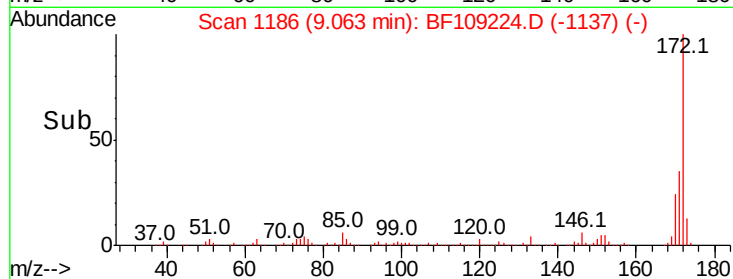
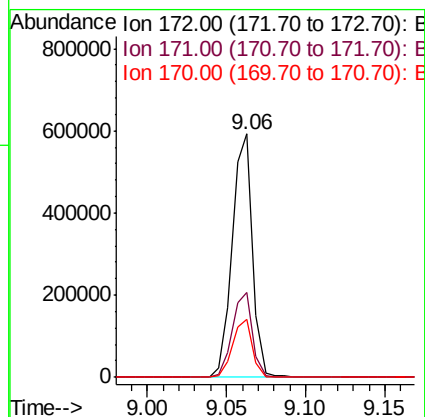
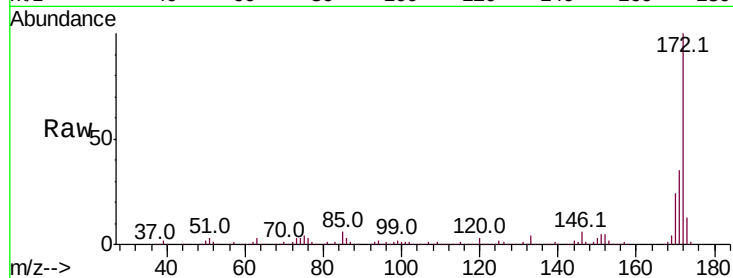




#44
2-Fluorobiphenyl
Concen: 40.126 ng
RT: 9.06 min Scan# 1186
Delta R.T. -0.01 min
Lab File: BF109224.D
Acq: 22 Sep 2018 16:34

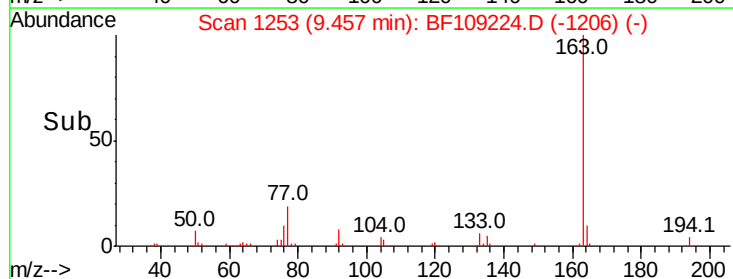
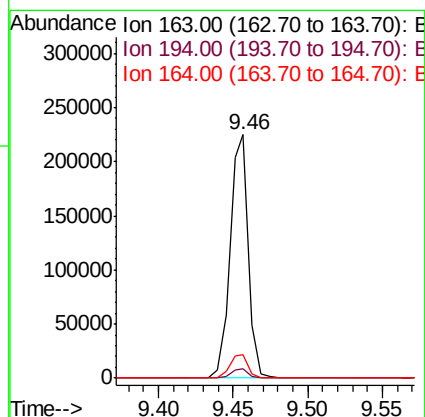
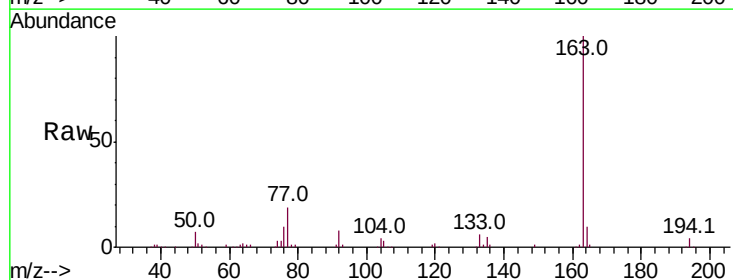
Instrument :
BNA_F
ClientSampleId :

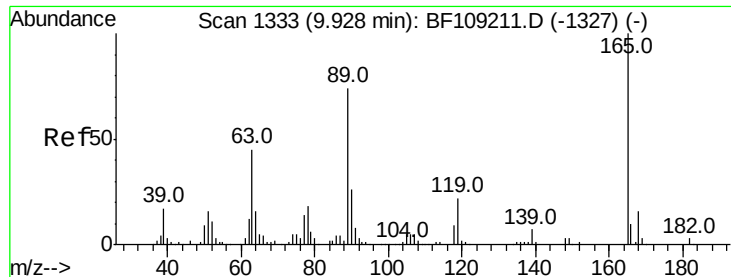
Tot Ion	Ratio	Lower	Upper
172	100		
171	35.0	29.7	44.5
170	23.8	19.6	29.4



#49
Dimethylphthalate
Concen: 13.616 ng
RT: 9.46 min Scan# 1253
Delta R.T. -0.02 min
Lab File: BF109224.D
Acq: 22 Sep 2018 16:34

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.9	2.7	4.1
164	9.6	8.2	12.2

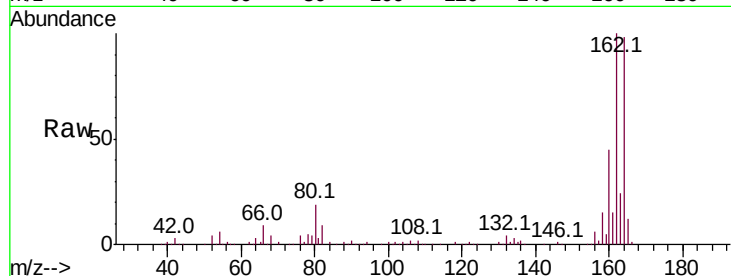




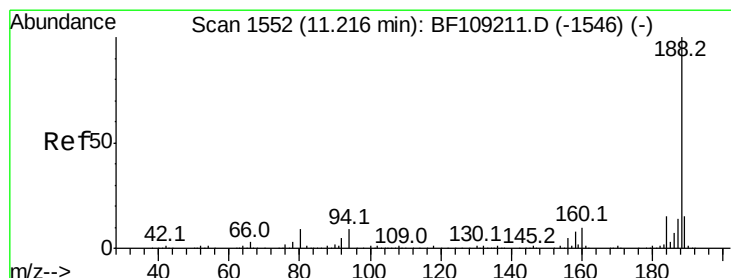
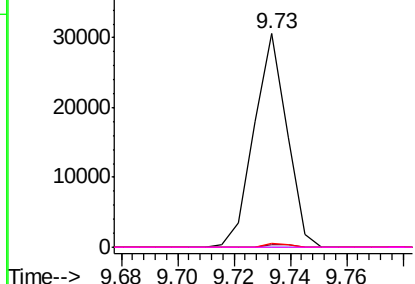
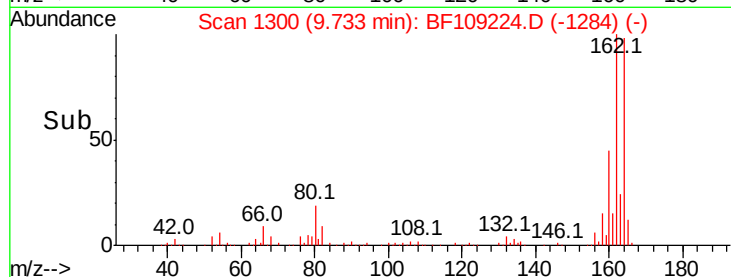
#56
 2,4-Dinitrotoluene
 Concen: 6.882 ng
 RT: 9.73 min Scan# 1300
 Delta R.T. -0.21 min
 Lab File: BF109224.D
 Acq: 22 Sep 2018 16:34

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:165 Resp: 24727
 Ion Ratio Lower Upper
 165 100
 63 1.2 36.4 54.6#
 89 1.8 57.8 86.6#
 182 0.0 1.6 2.4#

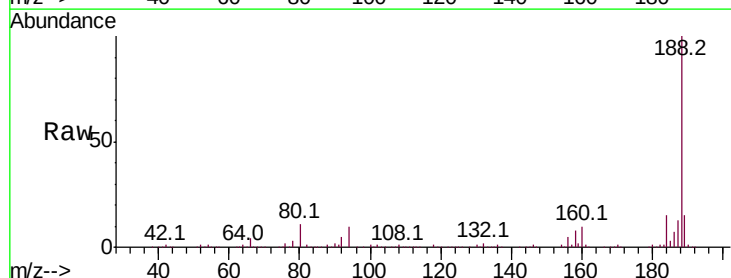


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1
 Ion 182.00 (181.70 to 182.70): E

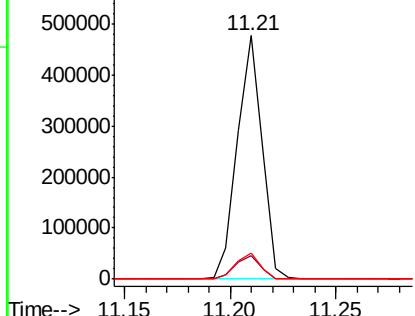
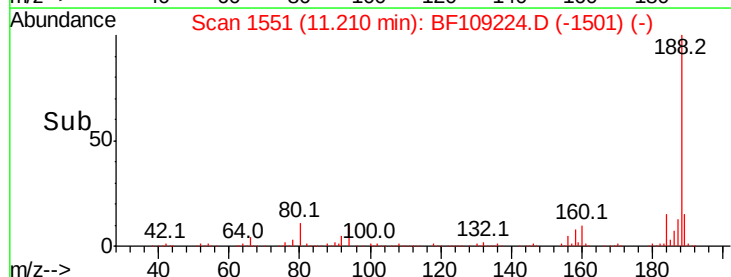


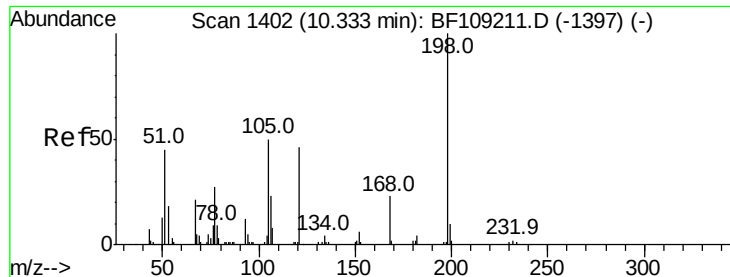
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.21 min Scan# 1551
 Delta R.T. -0.01 min
 Lab File: BF109224.D
 Acq: 22 Sep 2018 16:34

Tgt Ion:188 Resp: 386073
 Ion Ratio Lower Upper
 188 100
 94 9.8 8.5 12.7
 80 10.5 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





#64

4,6-Dinitro-2-methylphenol

Concen: 6.593 ng

RT: 10.52 min Scan# 1433

Delta R.T. 0.17 min

Lab File: BF109224.D

Acq: 22 Sep 2018 16:34

Instrument :

BNA_F

ClientSampled :

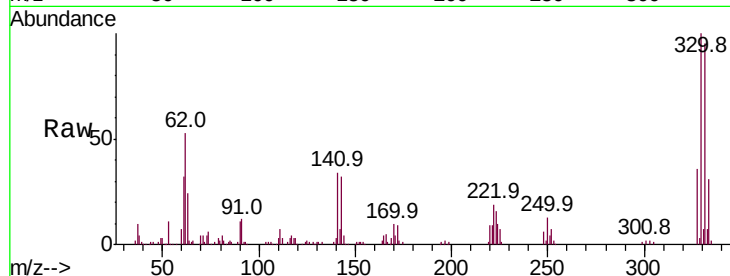
Tot Ion:198 Resp: 131

Ion Ratio Lower Upper

198 100

51 181.7 37.7 77.7#

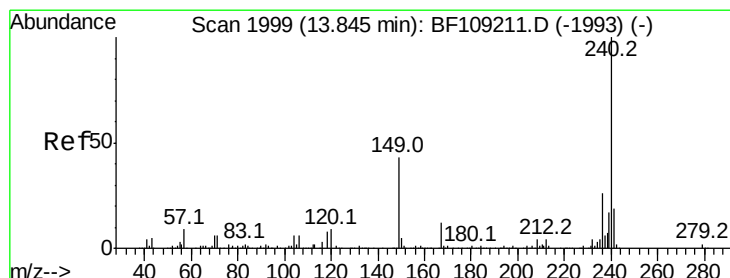
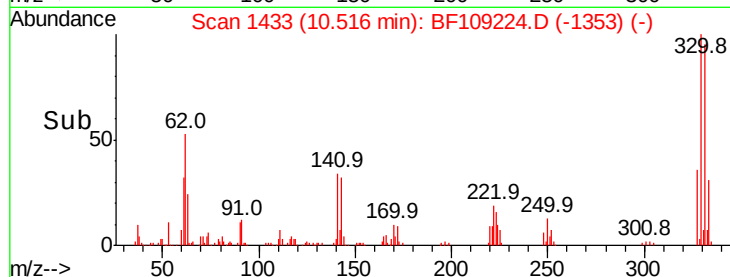
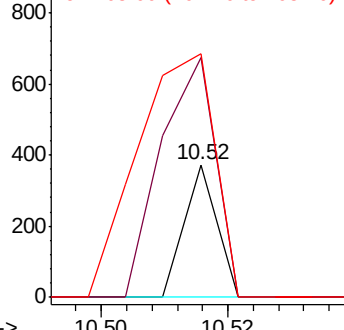
105 184.1 36.3 76.3#



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.83 min Scan# 1997

Delta R.T. -0.01 min

Lab File: BF109224.D

Acq: 22 Sep 2018 16:34

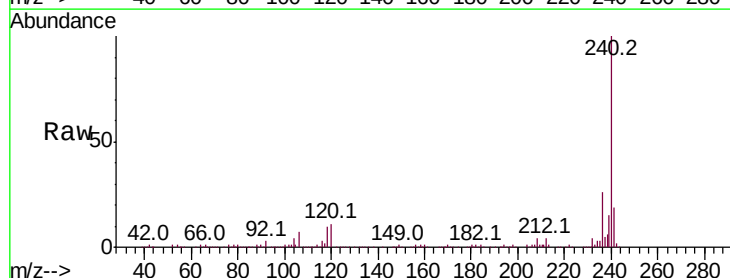
Tgt Ion:240 Resp: 305715

Ion Ratio Lower Upper

240 100

120 10.9 9.5 14.3

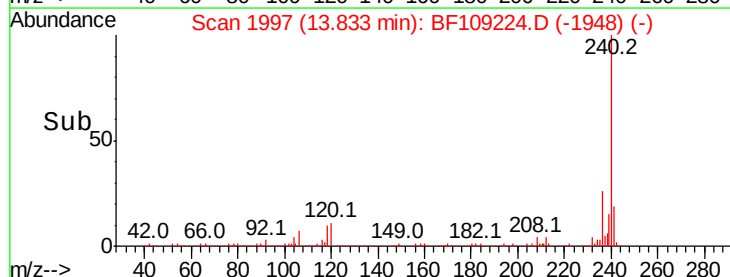
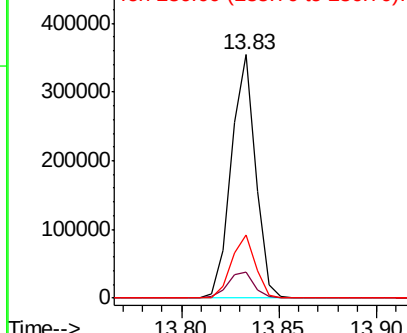
236 25.8 20.7 31.1

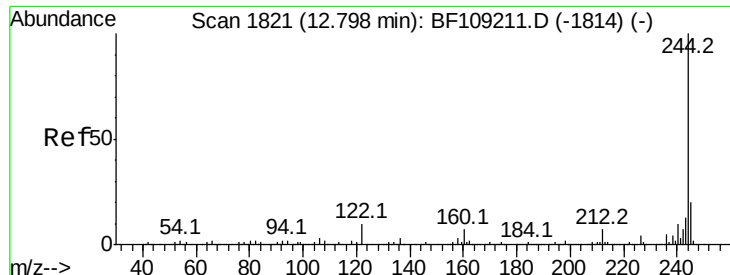


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

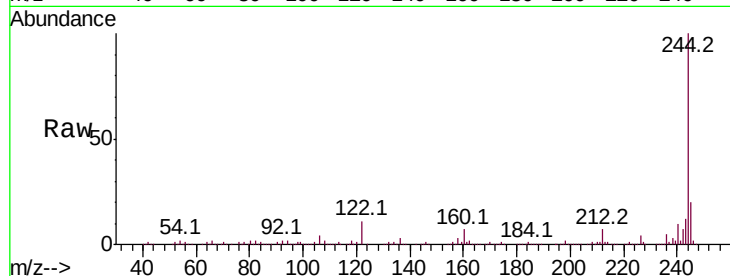




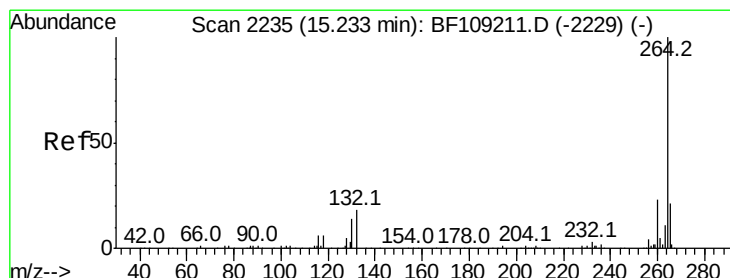
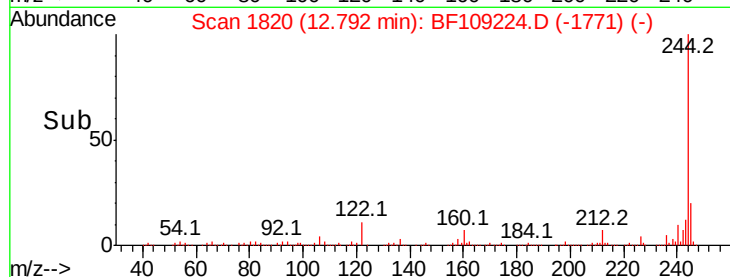
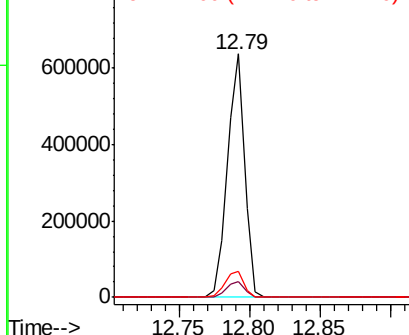
#78
 Terphenyl-d14
 Concen: 43.292 ng
 RT: 12.79 min Scan# 1820
 Delta R.T. -0.01 min
 Lab File: BF109224.D
 Acq: 22 Sep 2018 16:34

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 539293
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.4 8.0
 122 10.9 11.0 16.4#

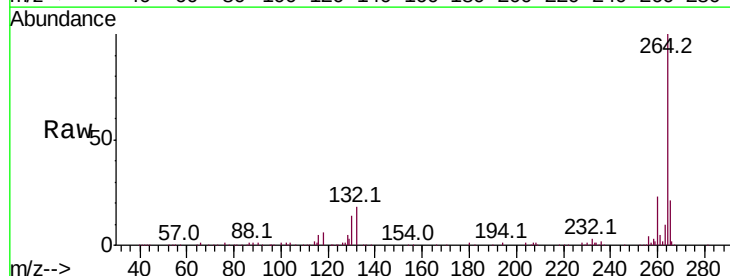


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.23 min Scan# 2234
 Delta R.T. -0.01 min
 Lab File: BF109224.D
 Acq: 22 Sep 2018 16:34

Tgt Ion:264 Resp: 231255
 Ion Ratio Lower Upper
 264 100
 260 22.6 19.2 28.8
 265 20.6 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

