

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF010319\
 Data File : BF111836.D
 Acq On : 3 Jan 2019 22:10
 Operator : JU/SJ
 Sample : K1002-03 2X
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 04 01:35:00 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF121918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 19 17:39:39 2018
 Response via : Initial Calibration

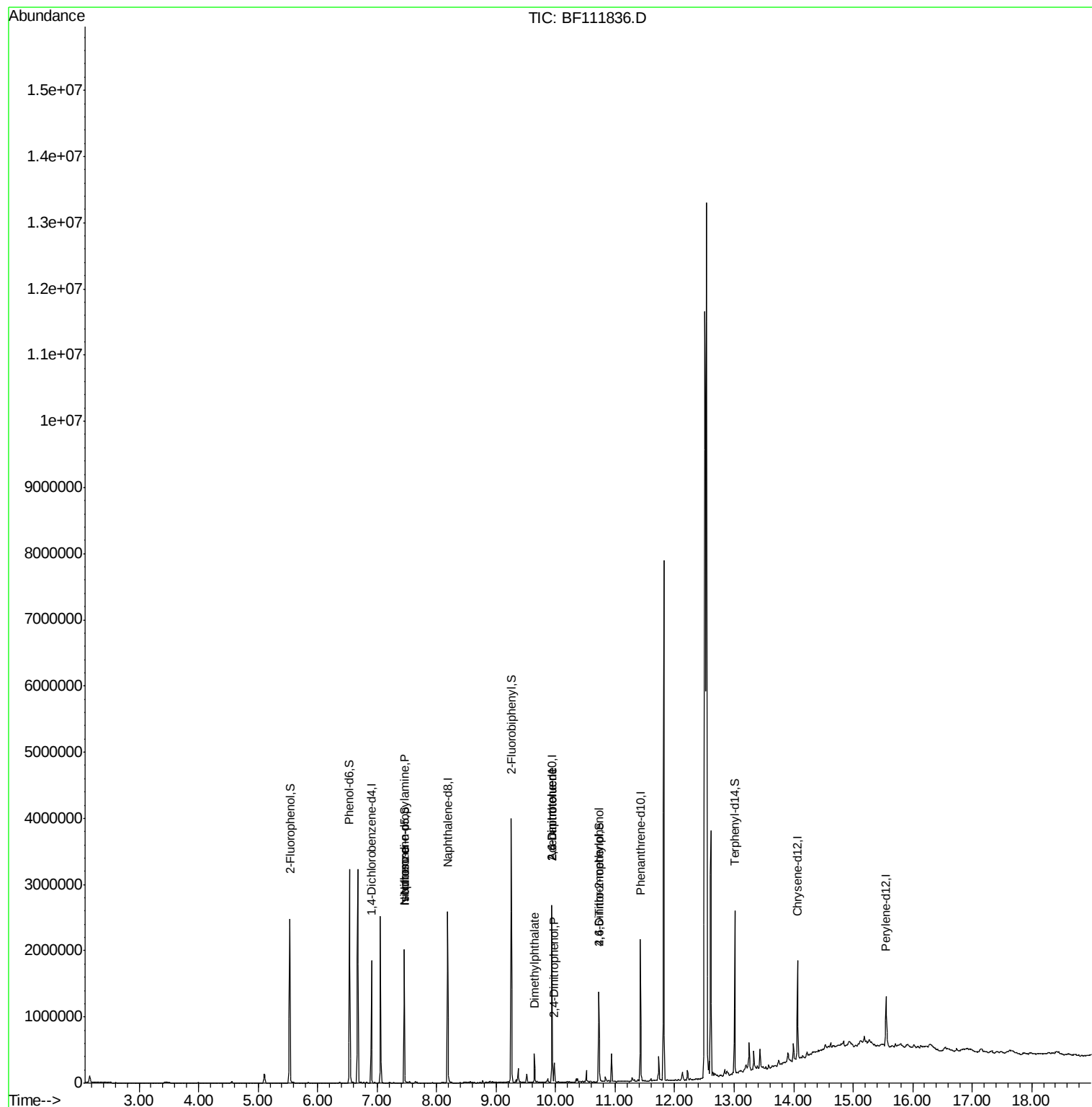
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	267035	20.00	ng	0.00
21) Naphthalene-d8	8.19	136	1018818	20.00	ng	0.00
39) Acenaphthene-d10	9.94	164	481771	20.00	ng	0.00
64) Phenanthrene-d10	11.43	188	739851	20.00	ng	0.01
76) Chrysene-d12	14.07	240	545522	20.00	ng	0.02
87) Perylene-d12	15.56	264	377868	20.00	ng	0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	687331	43.87	ng	0.02
7) Phenol-d6	6.54	99	938686	47.08	ng	0.02
23) Nitrobenzene-d5	7.46	82	561026	32.05	ng	0.00
42) 2,4,6-Tribromophenol	10.73	330	164084	28.82	ng	0.00
45) 2-Fluorobiphenyl	9.26	172	1092929	33.07	ng	0.00
79) Terphenyl-d14	13.01	244	780528	27.13	ng	0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.46	70	74375	5.617	ng	# 77
25) Isophorone	7.46	82	557692	17.948	ng	# 64
50) Dimethylphthalate	9.65	163	154914	4.397	ng	# 98
51) 2,6-Dinitrotoluene	9.94	165	62110	8.841	ng	# 29
54) 2,4-Dinitrophenol	9.97	184	388	7.464	ng	# 1
57) 2,4-Dinitrotoluene	9.94	165	62110	7.356	ng	# 24
65) 4,6-Dinitro-2-methylphenol	10.73	198	135	6.731	ng	# 1

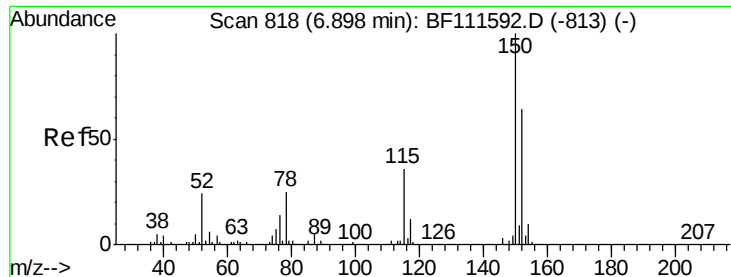
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc :
ALS Vial : 21 Sample Multiplier: 1

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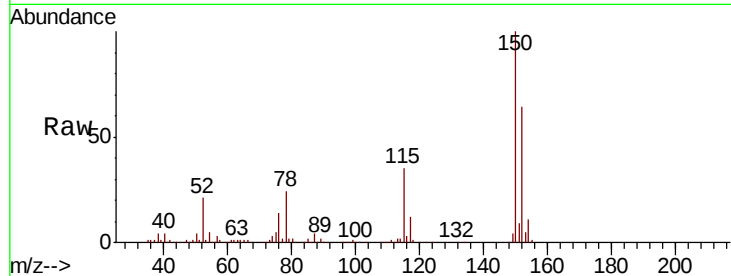


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.90 min Scan# 819
Delta R.T. 0.01 min
Lab File: BF111836.D
Acq: 3 Jan 2019 22:10

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.4	126.6	189.8
115	54.9	50.7	76.1

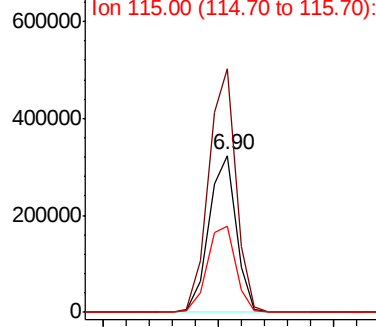


Abundance

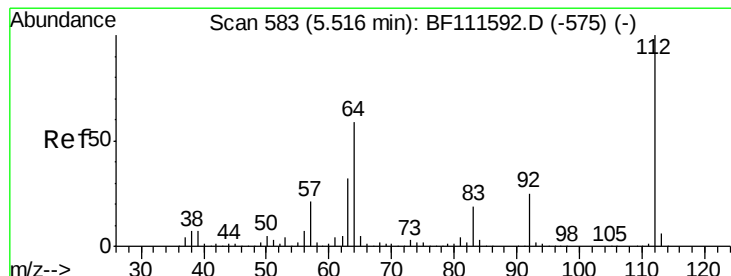
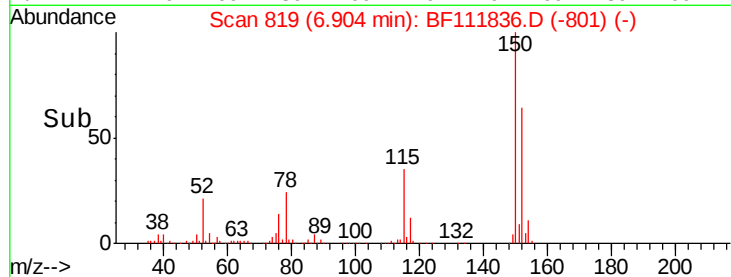
Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



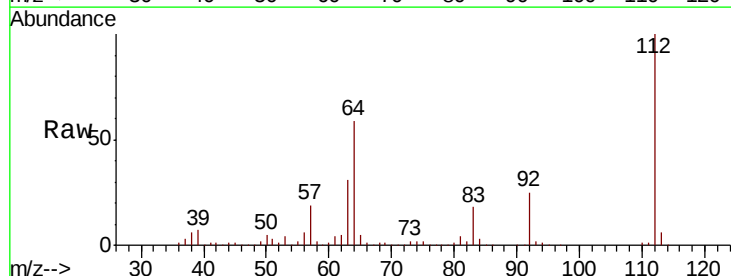
Time-->



#5

2-Fluorophenol
Concen: 43.874 ng
RT: 5.53 min Scan# 586
Delta R.T. 0.02 min
Lab File: BF111836.D
Acq: 3 Jan 2019 22:10

Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.8	51.8	77.6
63	31.4	26.8	40.2

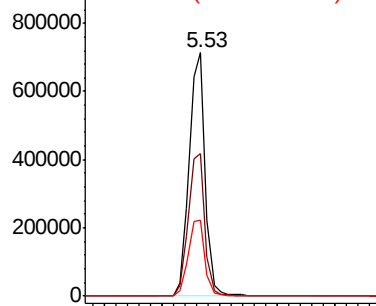


Abundance

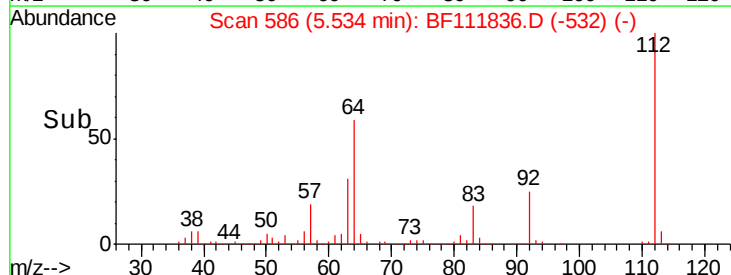
Ion 112.00 (111.70 to 112.70): E

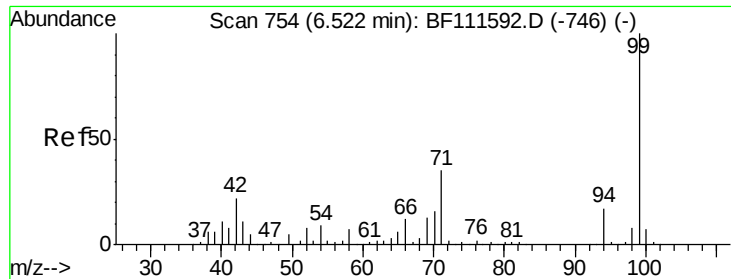
Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



Time-->





#7

Phenol-d6

Concen: 47.081 ng

RT: 6.54 min Scan# 757

Delta R.T. 0.02 min

Lab File: BF111836.D

Acq: 3 Jan 2019 22:10

Instrument :

BNA_F

ClientSampleId :

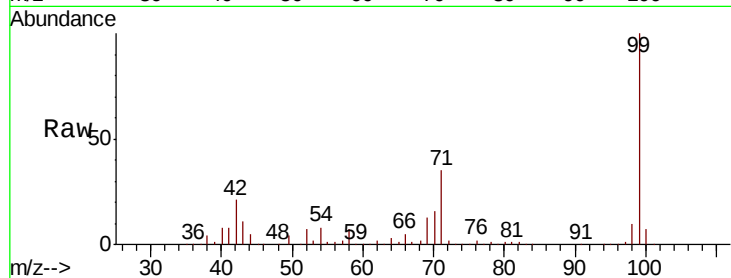
Tot Ion: 99 Resp: 938686

Ion Ratio Lower Upper

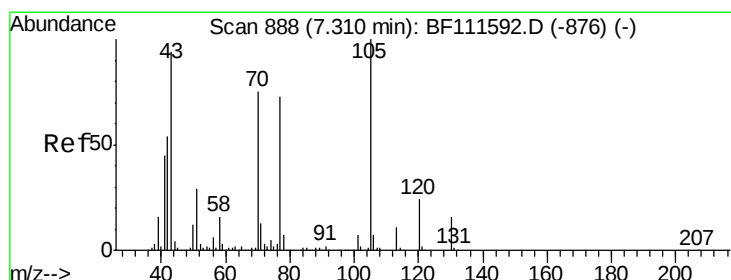
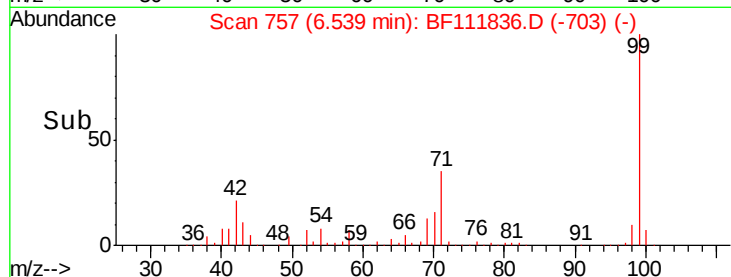
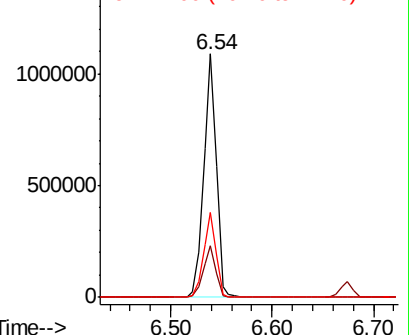
99 100

42 21.1 17.4 26.0

71 34.9 26.1 39.1



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: 5.617 ng

RT: 7.46 min Scan# 913

Delta R.T. 0.15 min

Lab File: BF111836.D

Acq: 3 Jan 2019 22:10

Tgt Ion: 70 Resp: 74375

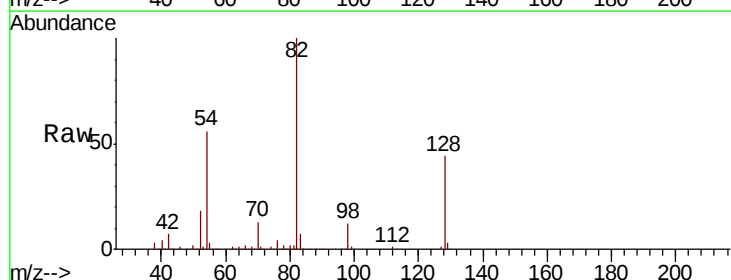
Ion Ratio Lower Upper

70 100

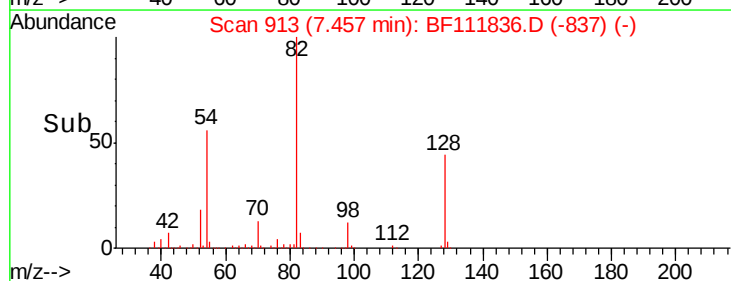
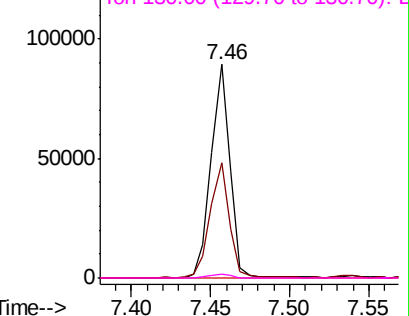
42 54.2 53.2 79.8

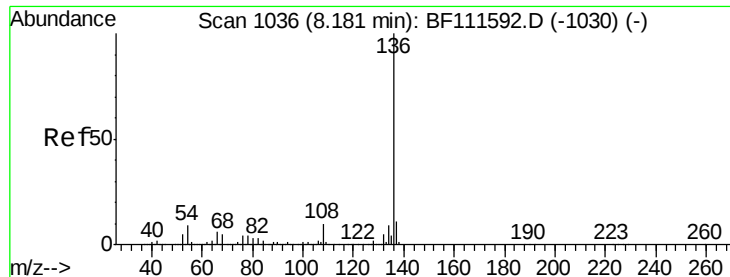
101 0.0 8.2 12.4#

130 2.0 18.1 27.1#



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): B
Ion 130.00 (129.70 to 130.70): B





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.19 min Scan# 1037

Delta R.T. 0.01 min

Lab File: BF111836.D

Acq: 3 Jan 2019 22:10

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 1018818

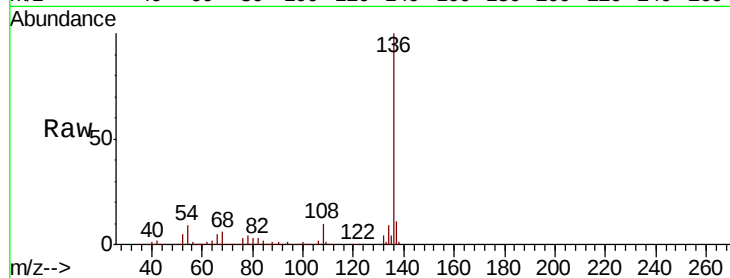
Ion Ratio Lower Upper

136 100

137 11.1 9.1 13.7

54 8.8 7.7 11.5

68 5.8 4.9 7.3

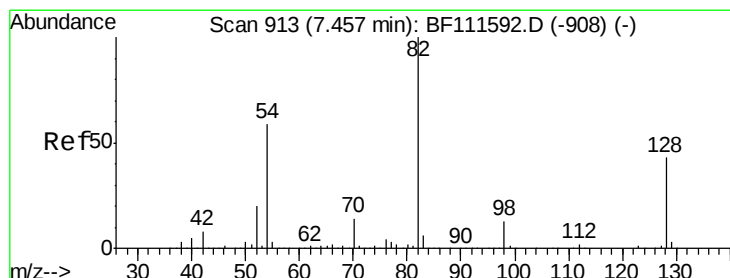
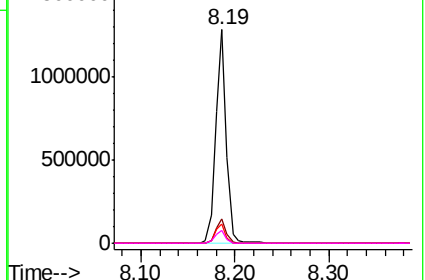
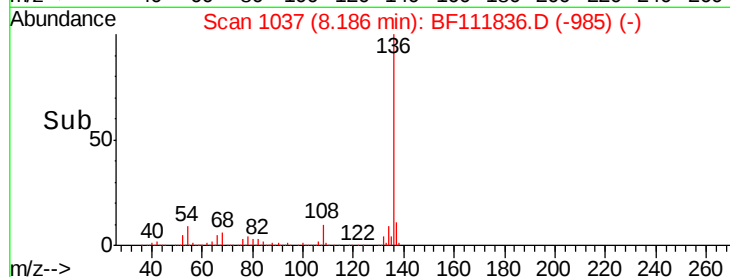


Abundance Ion 136.00 (135.70 to 136.70): E

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: 32.053 ng

RT: 7.46 min Scan# 913

Delta R.T. -0.00 min

Lab File: BF111836.D

Acq: 3 Jan 2019 22:10

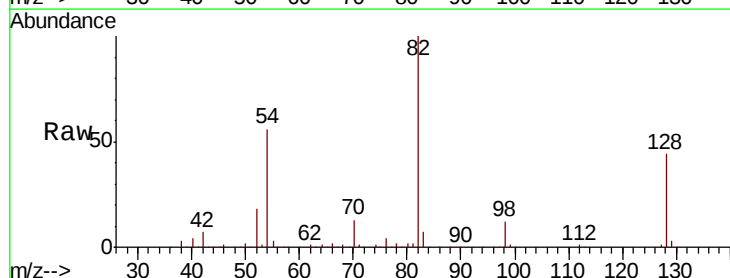
Tgt Ion: 82 Resp: 561026

Ion Ratio Lower Upper

82 100

128 44.4 37.4 56.2

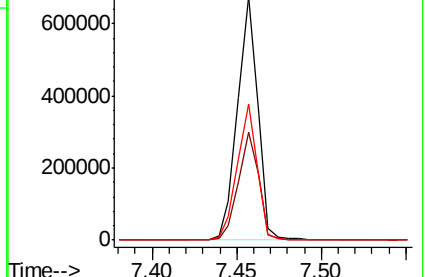
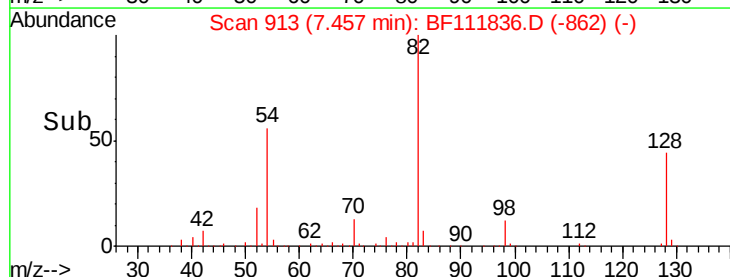
54 55.7 47.6 71.4

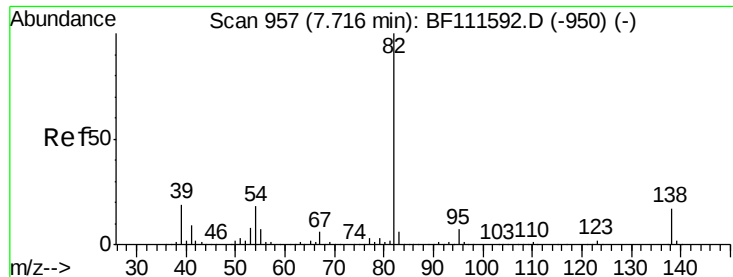


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1

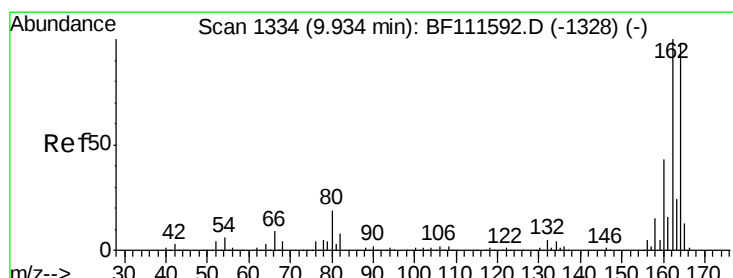
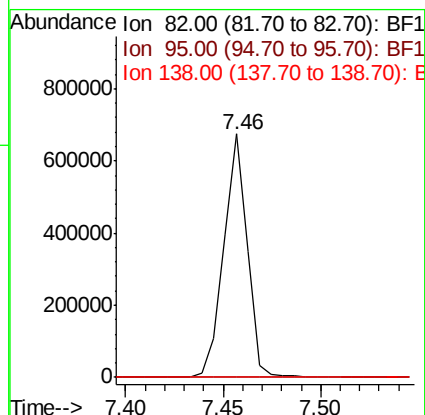
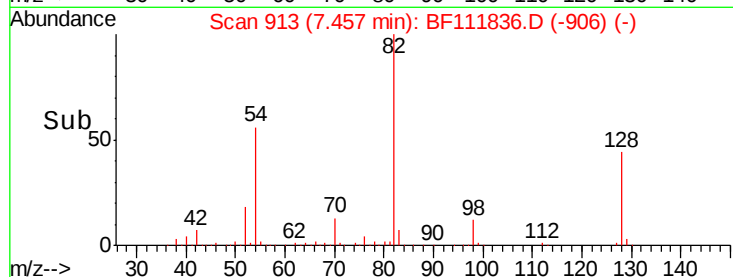
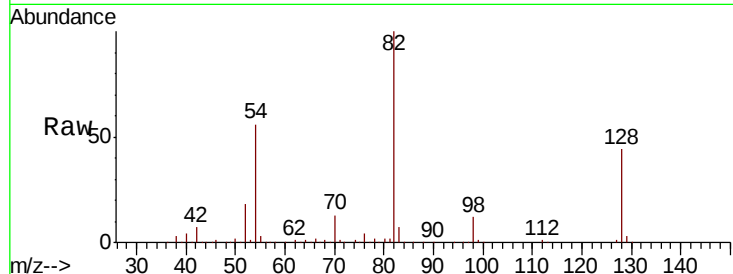




#25
Isophorone
Concen: 17.948 ng
RT: 7.46 min Scan# 913
Delta R.T. -0.26 min
Lab File: BF111836.D
Acq: 3 Jan 2019 22:10

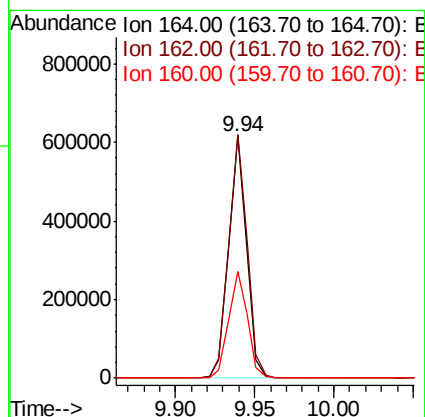
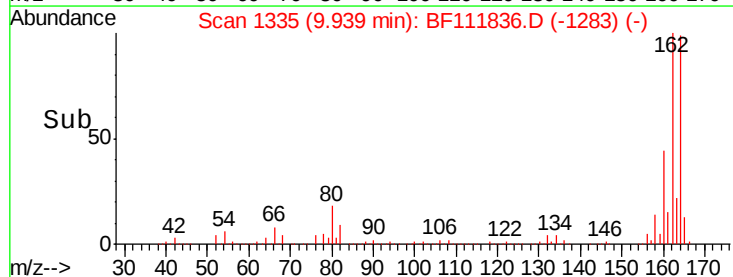
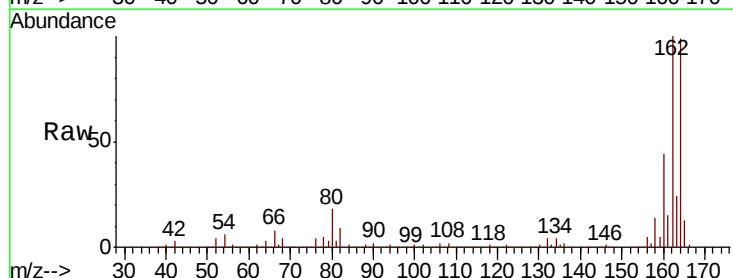
Instrument :
BNA_F
ClientSampleId :

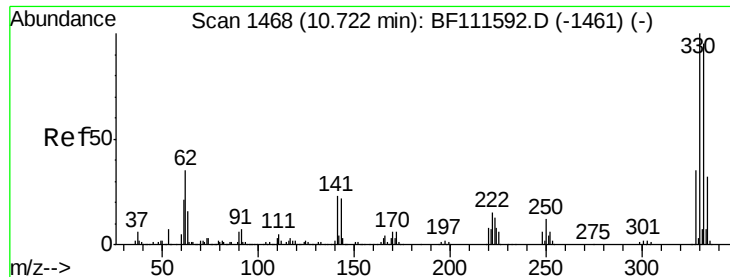
Tot Ion: 82 Resp: 557692
Ion Ratio Lower Upper
82 100
95 0.0 5.4 8.2#
138 0.0 15.1 22.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.94 min Scan# 1335
Delta R.T. 0.01 min
Lab File: BF111836.D
Acq: 3 Jan 2019 22:10

Tgt Ion: 164 Resp: 481771
Ion Ratio Lower Upper
164 100
162 100.5 81.4 122.0
160 44.1 35.7 53.5





#42

2,4,6-Tribromophenol

Concen: 28.825 ng

RT: 10.73 min Scan# 1469

Delta R.T. 0.01 min

Lab File: BF111836.D

Acq: 3 Jan 2019 22:10

Instrument :

BNA_F

ClientSampleId :

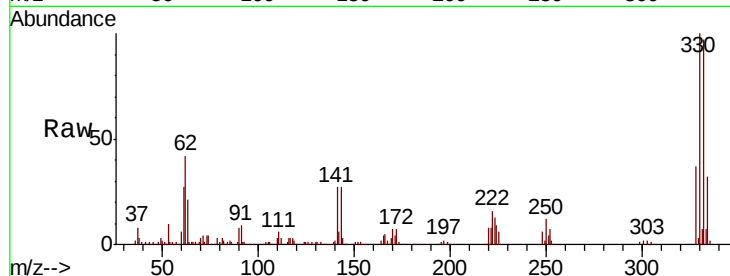
Tot Ion:330 Resp: 164084

Ion Ratio Lower Upper

330 100

332 98.3 76.0 114.0

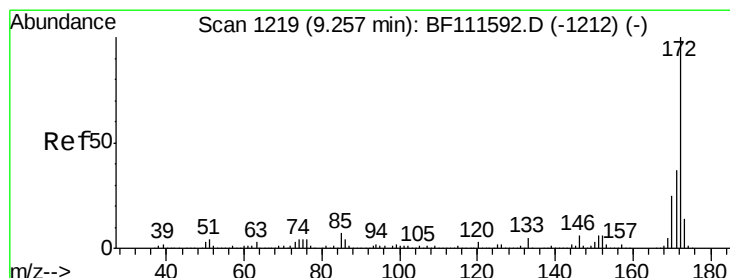
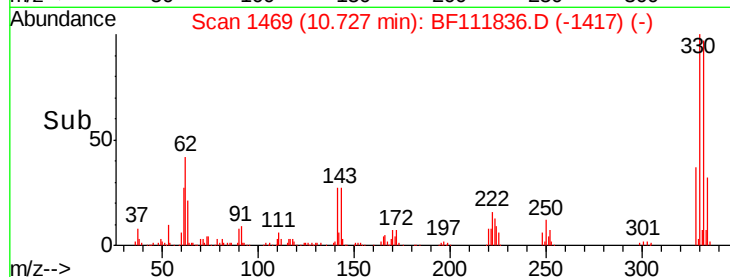
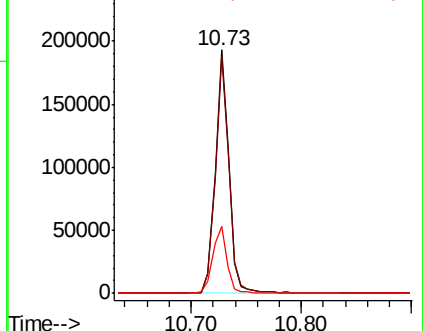
141 28.7 31.0 46.6#



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



#45

2-Fluorobiphenyl

Concen: 33.066 ng

RT: 9.26 min Scan# 1219

Delta R.T. -0.00 min

Lab File: BF111836.D

Acq: 3 Jan 2019 22:10

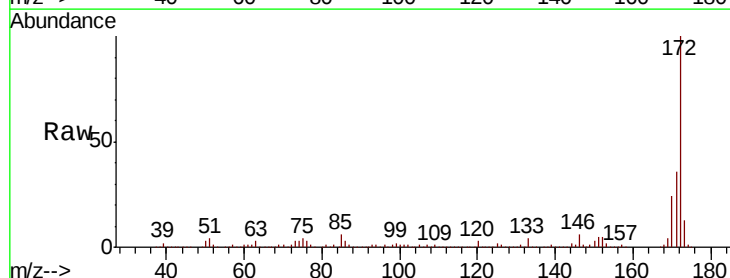
Tgt Ion:172 Resp: 1092929

Ion Ratio Lower Upper

172 100

171 35.7 33.0 49.4

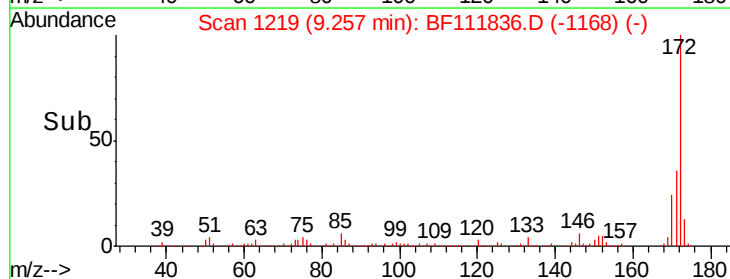
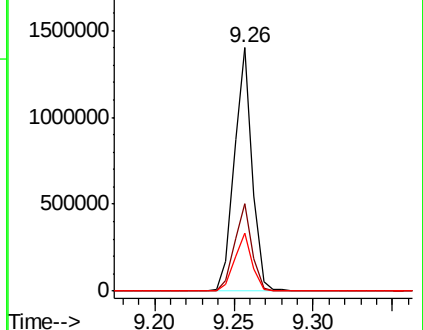
170 23.7 22.3 33.5

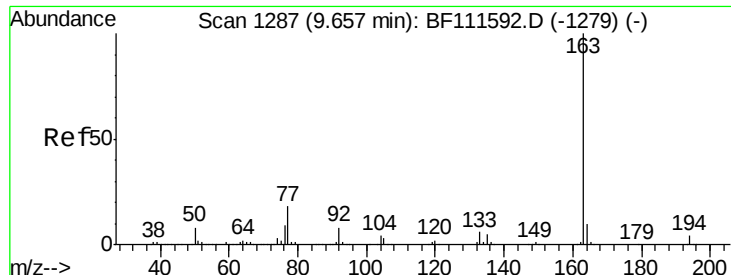


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

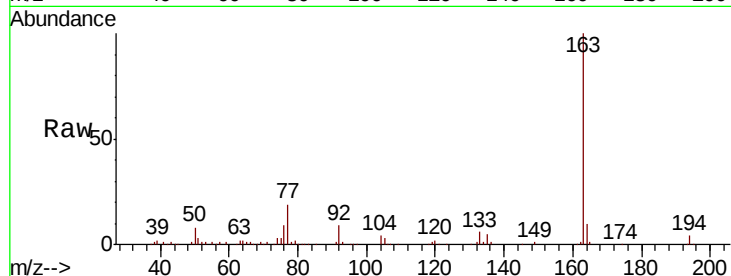




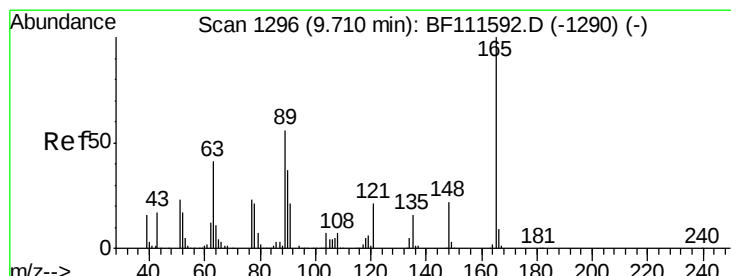
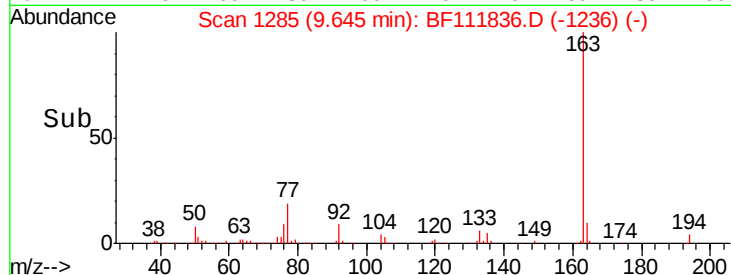
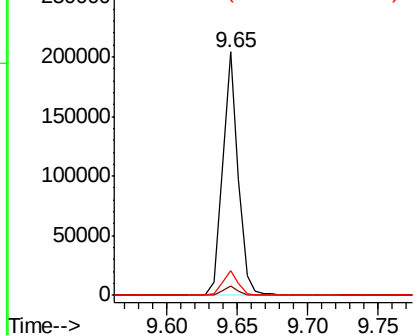
#50
Dimethylphthalate
Concen: 4.397 ng
RT: 9.65 min Scan# 1285
Delta R.T. -0.01 min
Lab File: BF111836.D
Acq: 3 Jan 2019 22:10

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
163	100		
194	3.8	3.0	4.6
164	10.2	8.9	13.3

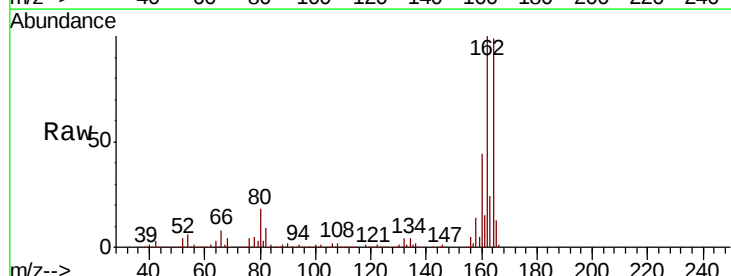


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

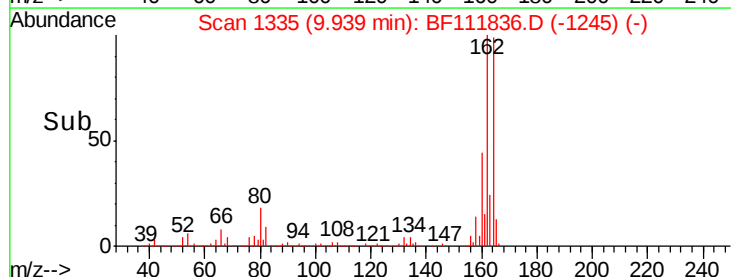
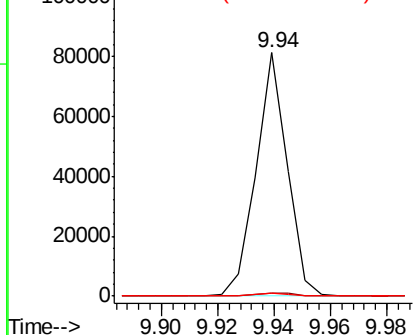


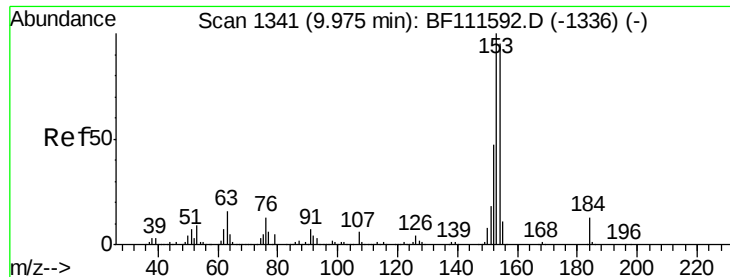
#51
2,6-Dinitrotoluene
Concen: 8.841 ng
RT: 9.94 min Scan# 1335
Delta R.T. 0.23 min
Lab File: BF111836.D
Acq: 3 Jan 2019 22:10

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.1	40.5	60.7#
89	1.3	40.0	60.0#



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





#54

2,4-Dinitrophenol

Concen: 7.464 ng

RT: 9.97 min Scan# 1341

Delta R.T. 0.00 min

Lab File: BF111836.D

Acq: 3 Jan 2019 22:10

Instrument :

BNA_F

ClientSampleId :

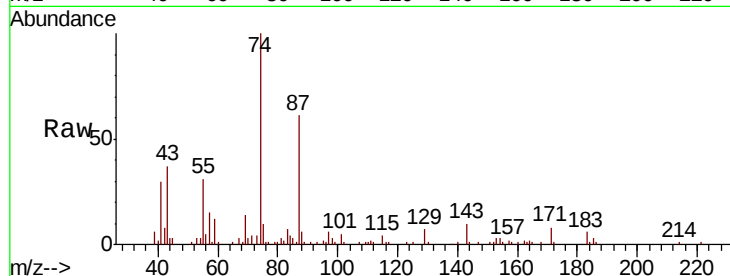
Tot Ion:184 Resp: 388

Ion Ratio Lower Upper

184 100

63 0.0 62.3 93.5#

154 254.0 56.2 84.2#

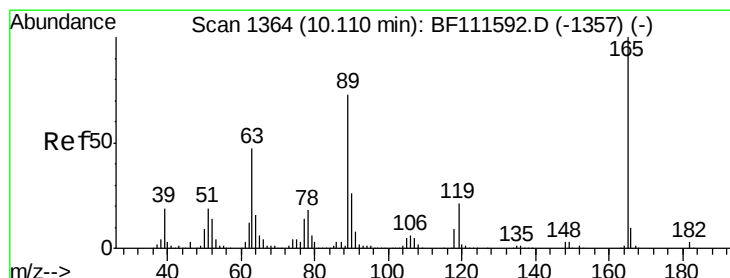
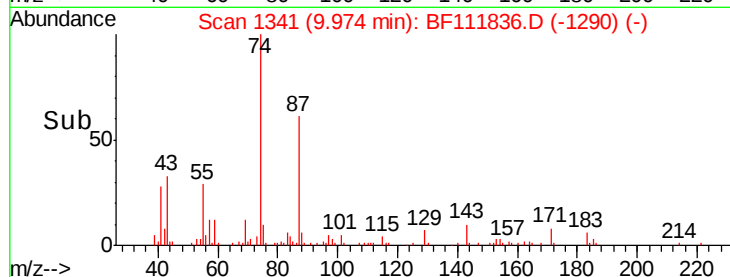
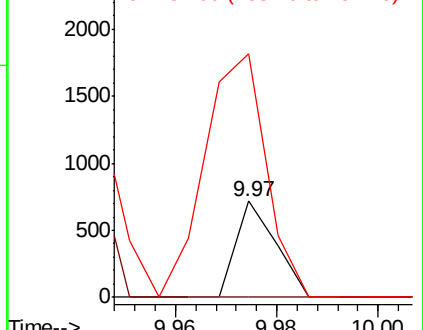


Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E



#57

2,4-Dinitrotoluene

Concen: 7.356 ng

RT: 9.94 min Scan# 1335

Delta R.T. -0.17 min

Lab File: BF111836.D

Acq: 3 Jan 2019 22:10

Tgt Ion:165 Resp: 62110

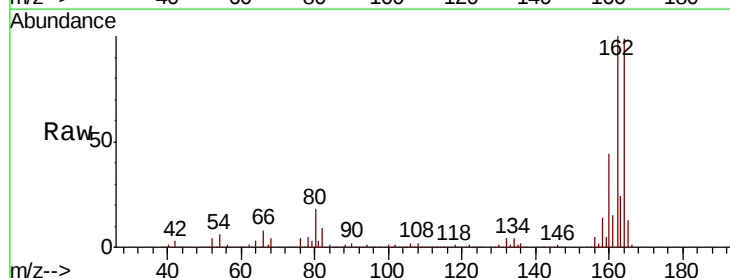
Ion Ratio Lower Upper

165 100

63 1.1 34.6 52.0#

89 1.3 56.2 84.4#

182 0.0 1.8 2.6#



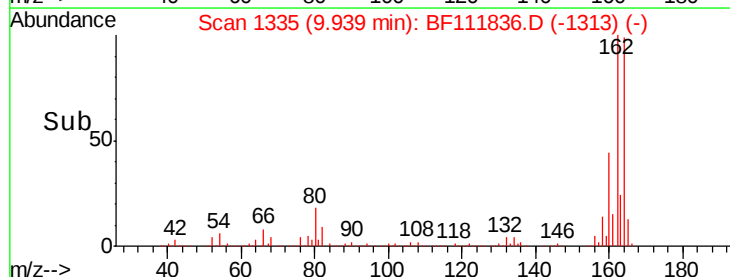
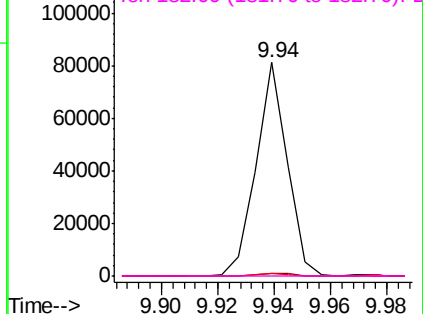
Abundance

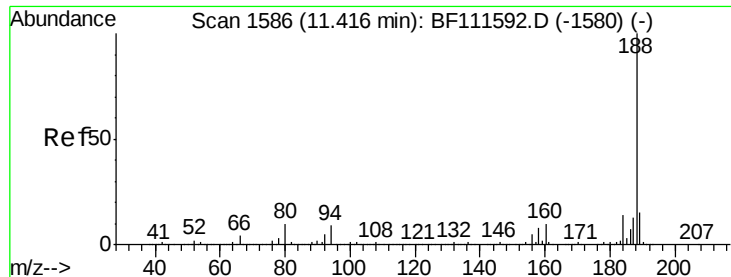
Ion 165.00 (164.70 to 165.70): E

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

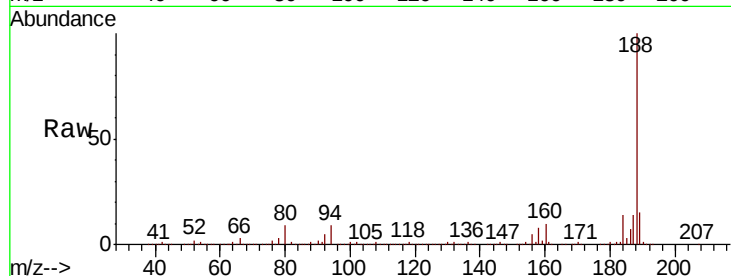




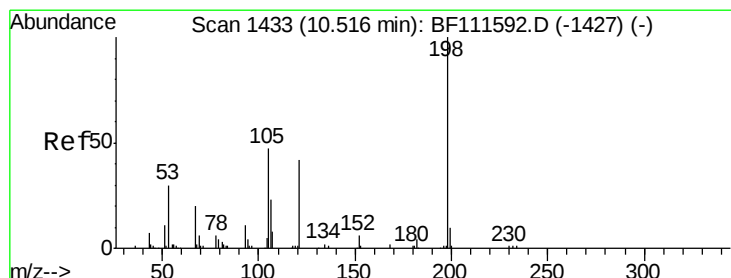
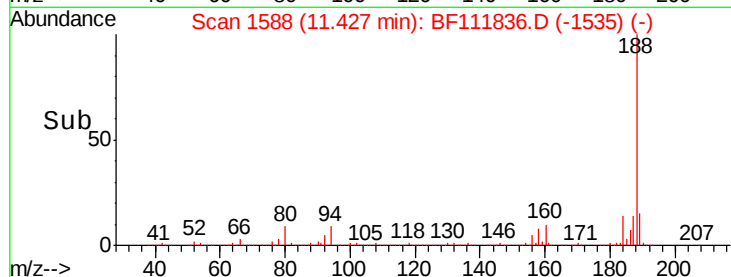
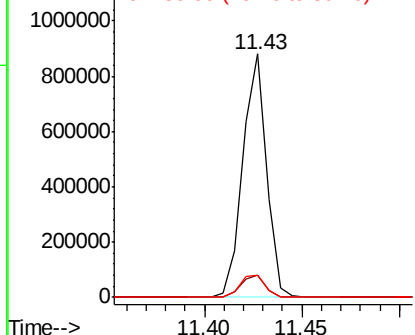
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.43 min Scan# 1588
Delta R.T. 0.01 min
Lab File: BF111836.D
Acq: 3 Jan 2019 22:10

Instrument :
BNA_F
ClientSampled :

Tot Ion:188 Resp: 739851
Ion Ratio Lower Upper
188 100
94 9.2 9.6 14.4#
80 9.3 9.8 14.6#

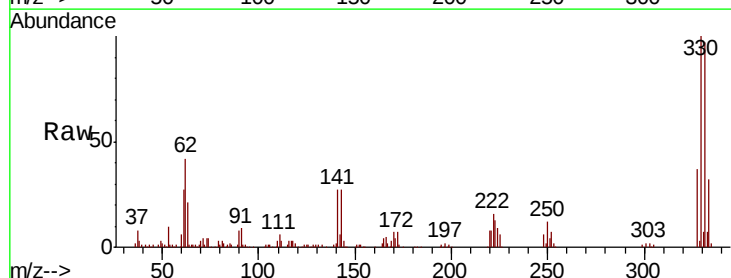


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

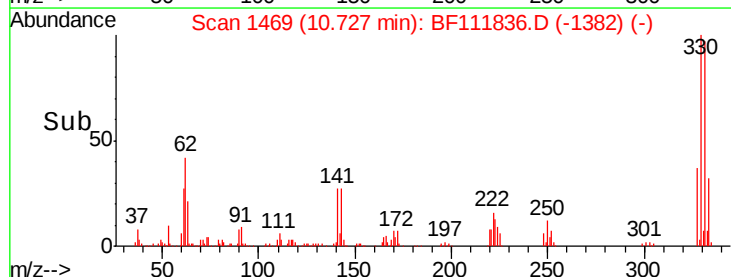
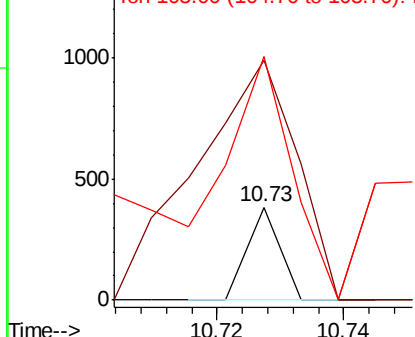


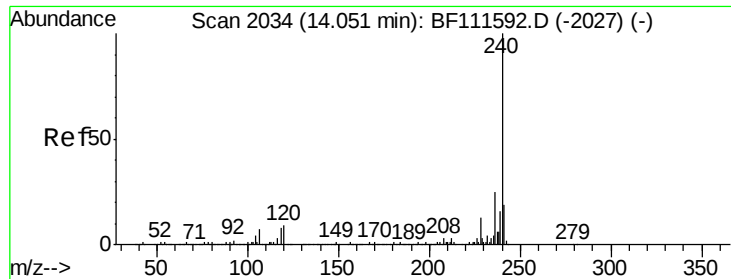
#65
4,6-Dinitro-2-methylphenol
Concen: 6.731 ng
RT: 10.73 min Scan# 1469
Delta R.T. 0.21 min
Lab File: BF111836.D
Acq: 3 Jan 2019 22:10

Tgt Ion:198 Resp: 135
Ion Ratio Lower Upper
198 100
51 258.1 48.0 88.0#
105 262.0 34.0 74.0#



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

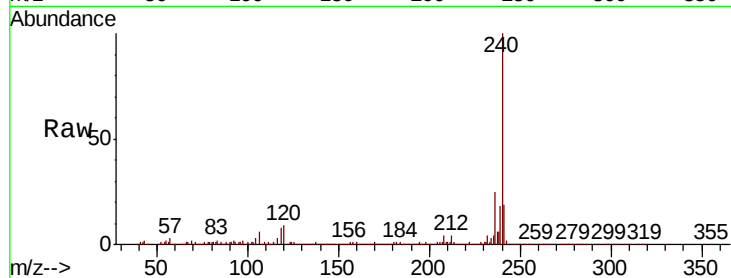




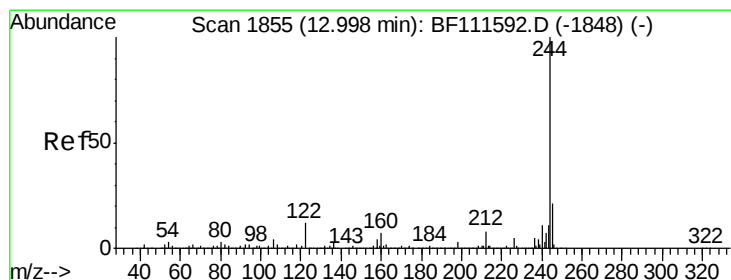
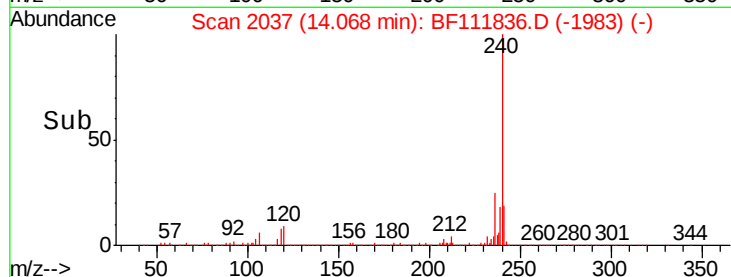
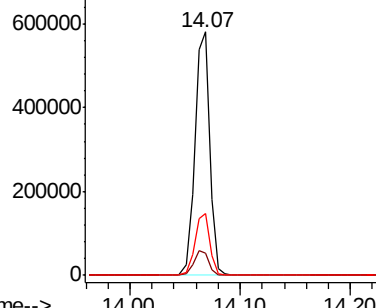
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.07 min Scan# 2037
 Delta R.T. 0.02 min
 Lab File: BF111836.D
 Acq: 3 Jan 2019 22:10

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:240 Resp: 545522
 Ion Ratio Lower Upper
 240 100
 120 9.0 12.2 18.2#
 236 25.4 20.2 30.2

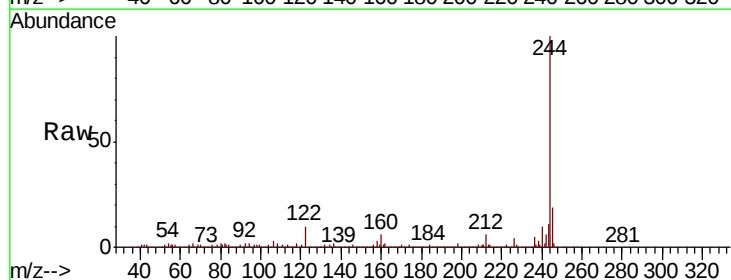


Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E

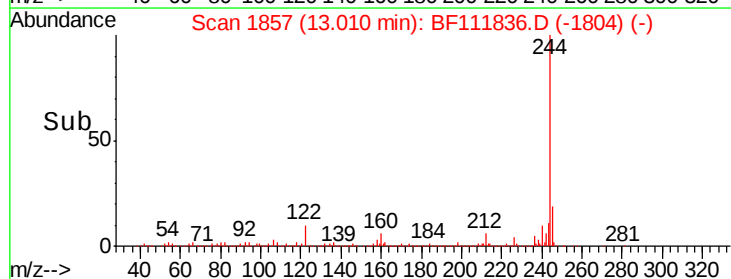
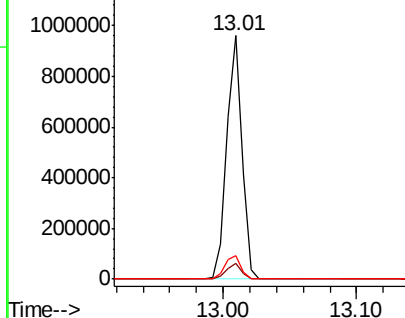


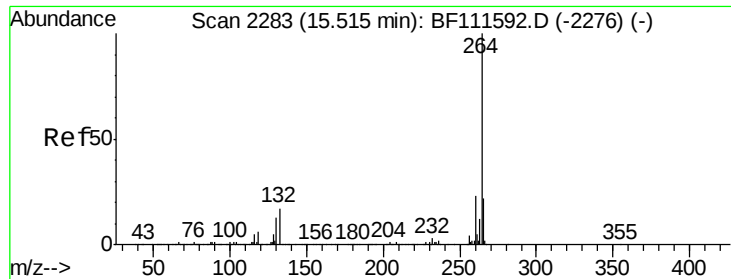
#79
 Terphenyl-d14
 Concen: 27.134 ng
 RT: 13.01 min Scan# 1857
 Delta R.T. 0.01 min
 Lab File: BF111836.D
 Acq: 3 Jan 2019 22:10

Tgt Ion:244 Resp: 780528
 Ion Ratio Lower Upper
 244 100
 212 6.3 5.7 8.5
 122 9.6 13.1 19.7#



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





#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.56 min Scan# 2290
Delta R.T. 0.04 min
Lab File: BF111836.D
Acq: 3 Jan 2019 22:10

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.8	18.3	27.5
265	22.0	17.7	26.5

