

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121619\
 Data File : BF118206.D
 Acq On : 16 Dec 2019 19:47
 Operator : JU
 Sample : K6283-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 17 01:07:15 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF120619.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 06 17:34:43 2019
 Response via : Initial Calibration

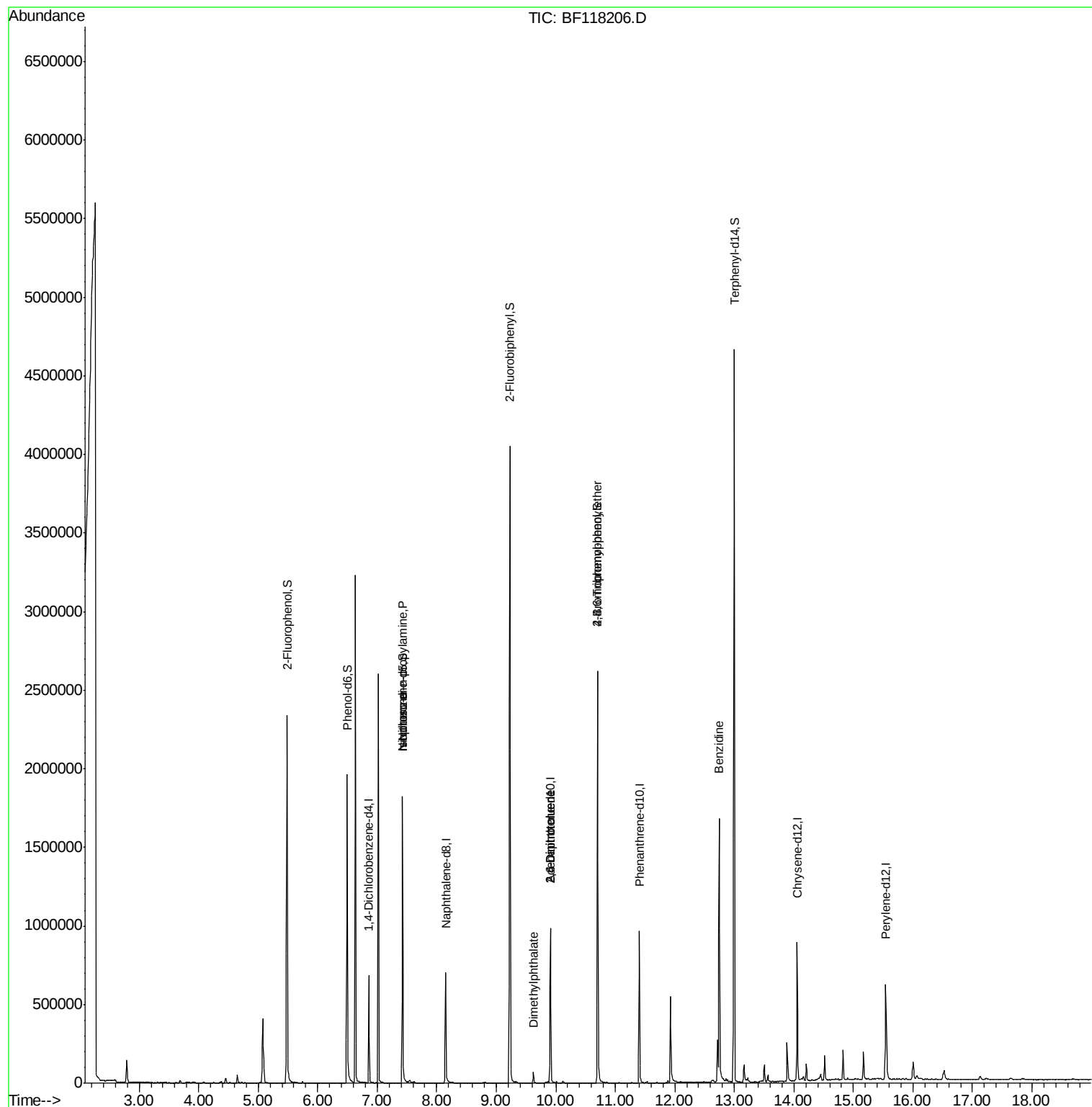
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	95168	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	367876	20.00	ng	0.00
39) Acenaphthene-d10	9.91	164	193036	20.00	ng	-0.01
64) Phenanthrene-d10	11.40	188	374132	20.00	ng	0.00
76) Chrysene-d12	14.06	240	291114	20.00	ng	-0.01
87) Perylene-d12	15.54	264	286386	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	688593	126.73	ng	0.00
7) Phenol-d6	6.50	99	771092	117.33	ng	0.00
23) Nitrobenzene-d5	7.43	82	565488	86.48	ng	-0.01
42) 2,4,6-Tribromophenol	10.70	330	336293	143.41	ng	-0.01
45) 2-Fluorobiphenyl	9.23	172	1198011	94.44	ng	-0.01
79) Terphenyl-d14	13.00	244	1528582	90.29	ng	0.00
Target Compounds						
9) Benzaldehyde	6.49	77	1219	Below Cal		Qvalue
19) n-Nitroso-di-n-propylamine	7.43	70	77641	19.441 ng	#	1
25) Isophorone	7.43	82	554846	50.053 ng	#	77
50) Dimethylphthalate	9.62	163	33553	2.353 ng	#	62
51) 2,6-Dinitrotoluene	9.91	165	25214	8.132 ng	#	96
57) 2,4-Dinitrotoluene	9.91	165	25214	6.093 ng	#	27
67) 4-Bromophenyl-phenylether	10.70	248	21216	4.968 ng	#	25
77) Benzidine	12.75	184	633558	82.671 ng		# 1
						98

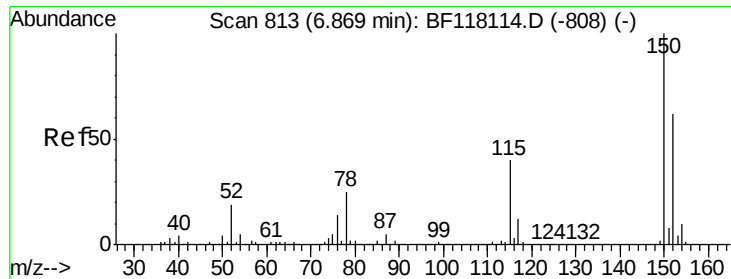
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121619\
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ALS Vial : 8 Sample Multiplier: 1

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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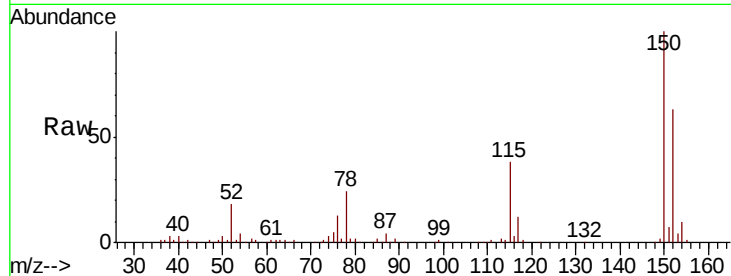


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 812
Delta R.T. -0.01 min
Lab File: BF118206.D
Acq: 16 Dec 2019 19:47

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.1	128.3	192.5
115	59.3	51.1	76.7

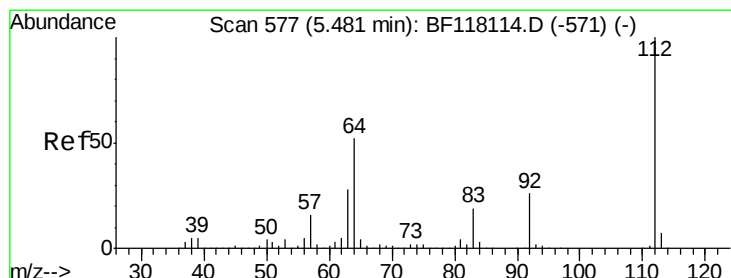
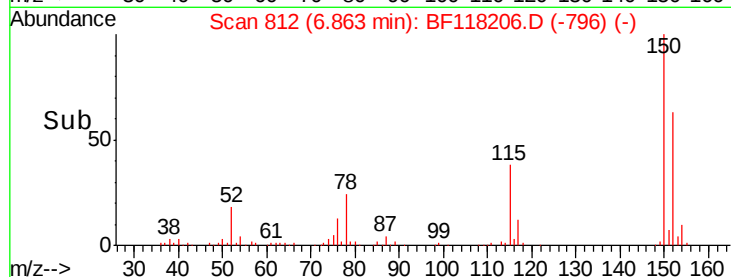
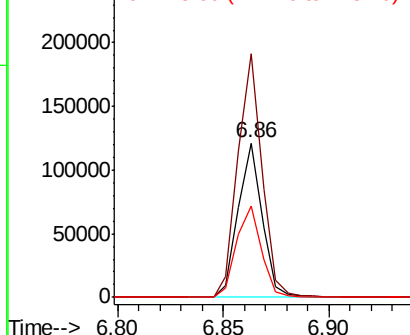


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

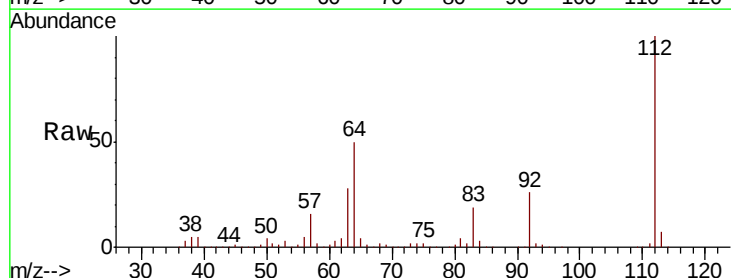
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 126.728 ng
RT: 5.49 min Scan# 578
Delta R.T. 0.01 min
Lab File: BF118206.D
Acq: 16 Dec 2019 19:47

Tgt Ion	Ratio	Lower	Upper
112	100		
64	50.2	41.3	61.9
63	28.0	22.4	33.6

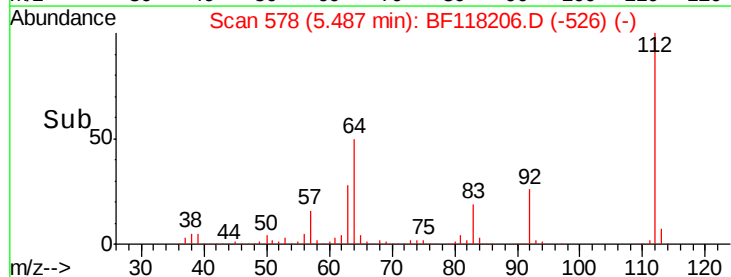
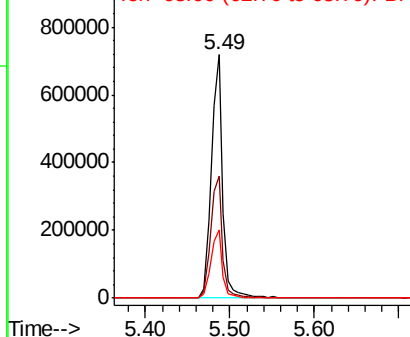


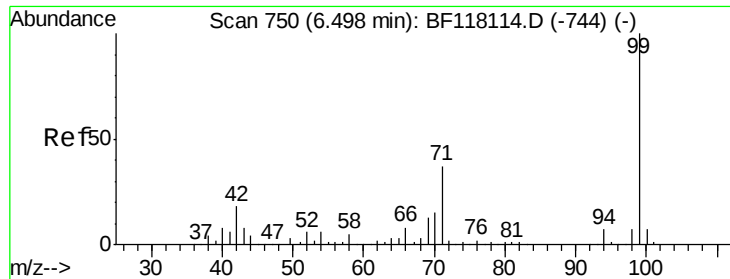
Abundance

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: 117.328 ng

RT: 6.50 min Scan# 750

Delta R.T. -0.00 min

Lab File: BF118206.D

Acq: 16 Dec 2019 19:47

Instrument :

BNA_F

ClientSampleId :

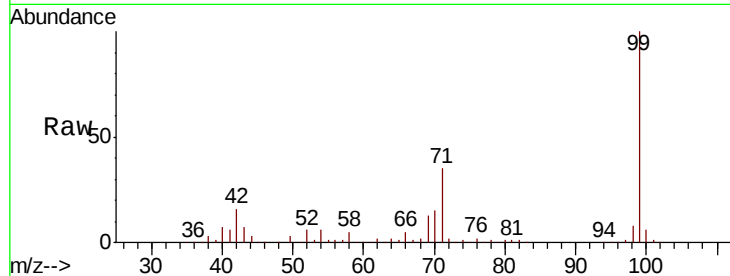
Tot Ion: 99 Resp: 771092

Ion Ratio Lower Upper

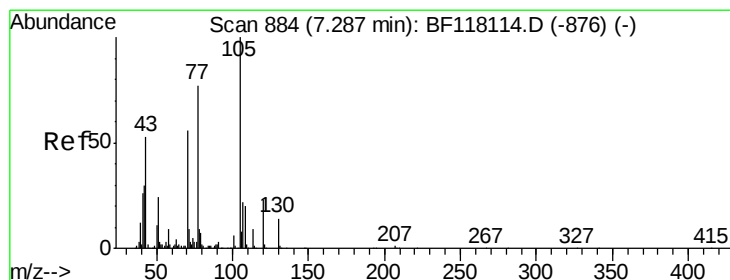
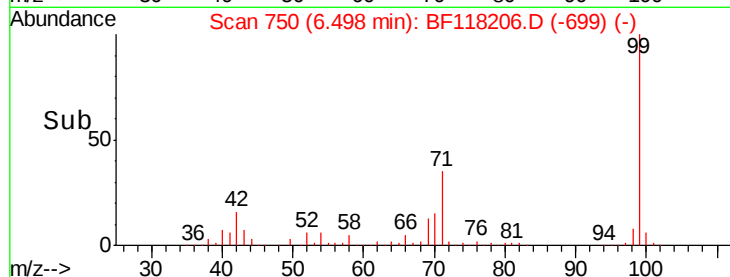
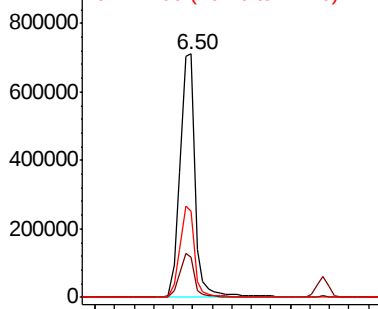
99 100

42 16.4 14.1 21.1

71 35.4 29.7 44.5



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: 19.441 ng

RT: 7.43 min Scan# 908

Delta R.T. 0.14 min

Lab File: BF118206.D

Acq: 16 Dec 2019 19:47

Tgt Ion: 70 Resp: 77641

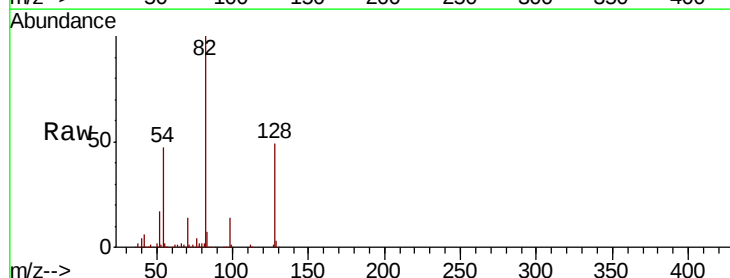
Ion Ratio Lower Upper

70 100

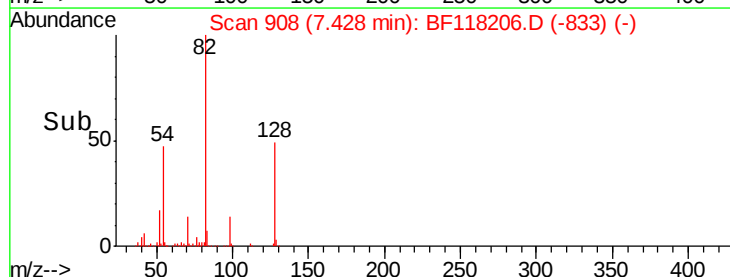
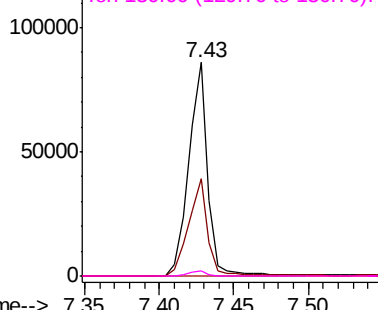
42 45.3 43.2 64.8

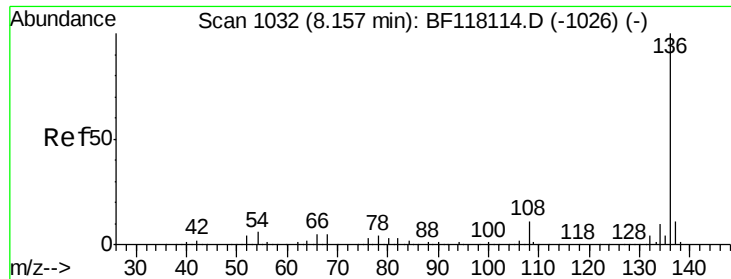
101 0.0 8.1 12.1#

130 2.6 19.8 29.8#



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





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.15 min Scan# 1031

Delta R.T. -0.01 min

Lab File: BF118206.D

Acq: 16 Dec 2019 19:47

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 367876

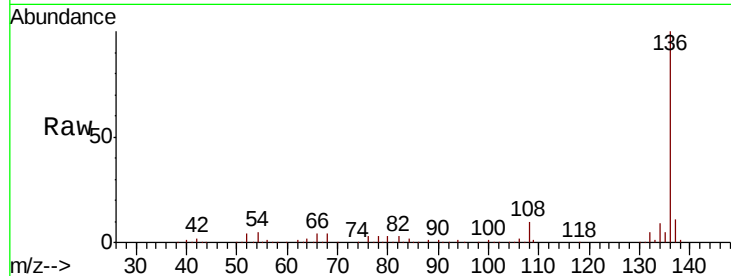
Ion Ratio Lower Upper

136 100

137 10.8 9.0 13.6

54 5.4 5.0 7.6

68 4.3 3.8 5.8

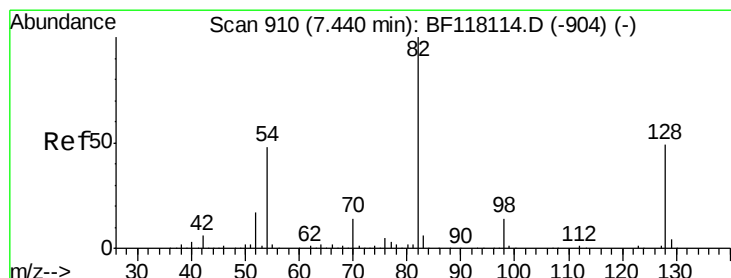
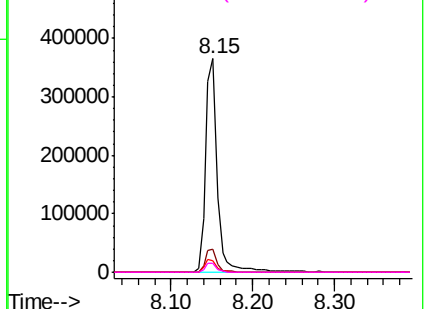
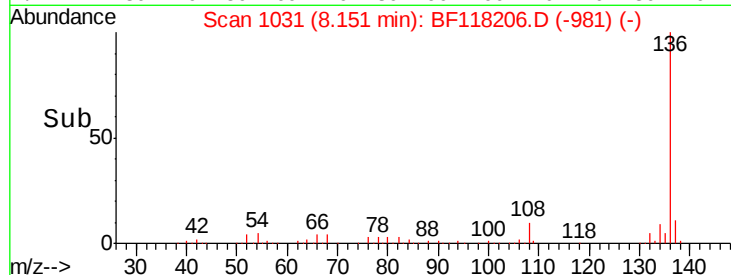


Abundance Ion 136.00 (135.70 to 136.70): E

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: 86.478 ng

RT: 7.43 min Scan# 908

Delta R.T. -0.01 min

Lab File: BF118206.D

Acq: 16 Dec 2019 19:47

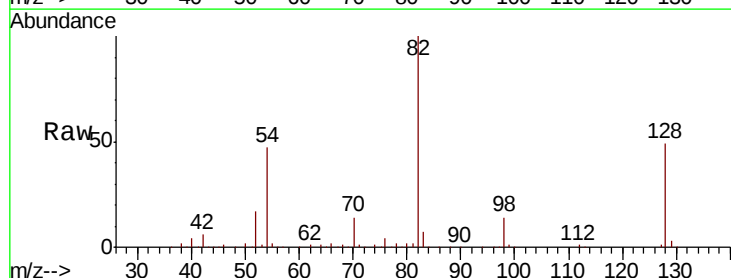
Tgt Ion: 82 Resp: 565488

Ion Ratio Lower Upper

82 100

128 48.7 39.1 58.7

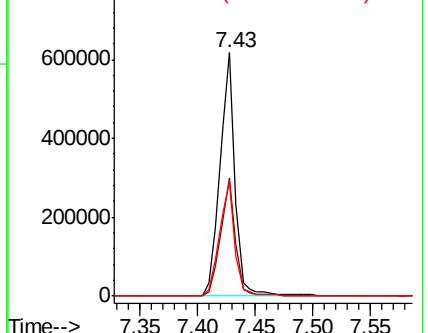
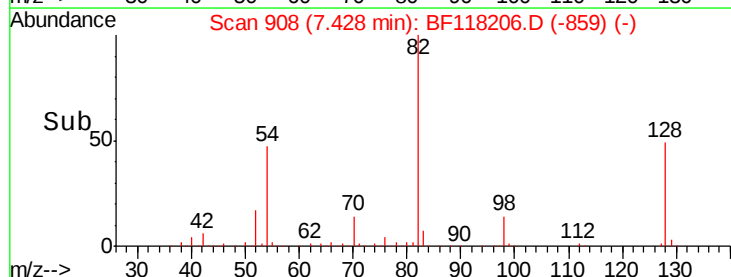
54 47.1 38.2 57.2

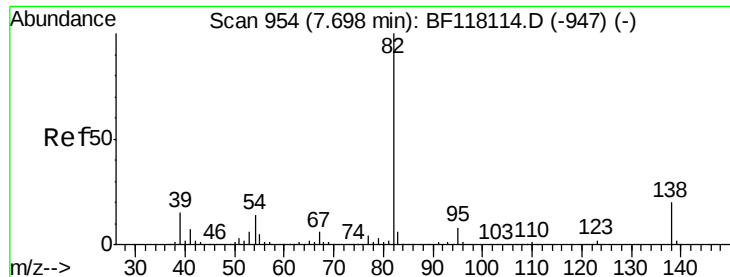


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 50.053 ng

RT: 7.43 min Scan# 908

Delta R.T. -0.27 min

Lab File: BF118206.D

Acq: 16 Dec 2019 19:47

Instrument :

BNA_F

ClientSampled :

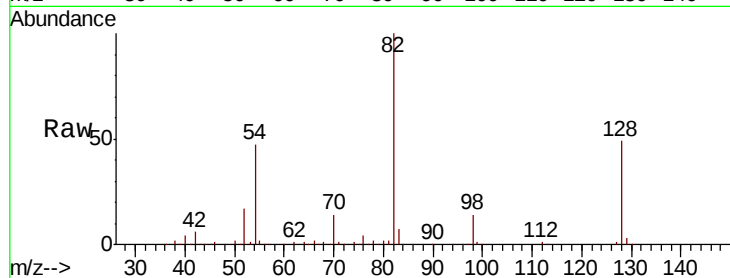
Tot Ion: 82 Resp: 554846

Ion Ratio Lower Upper

82 100

95 0.0 6.3 9.5#

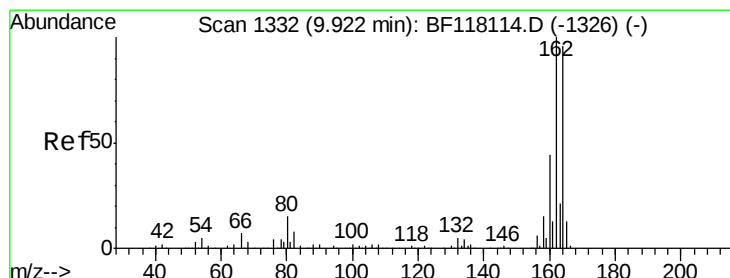
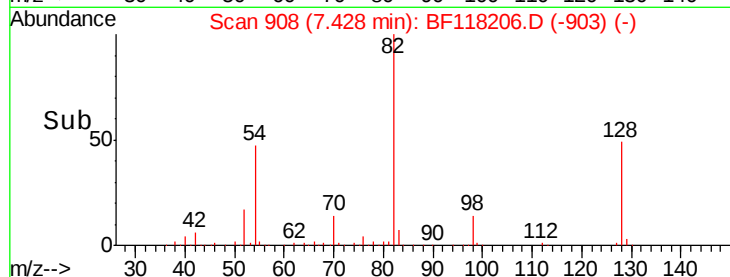
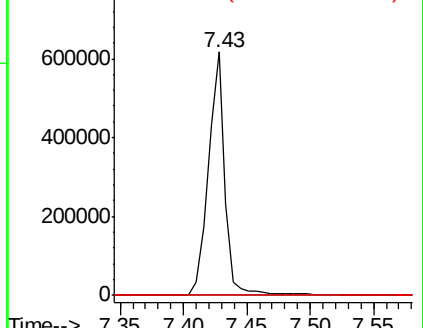
138 0.0 16.3 24.5#



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.91 min Scan# 1330

Delta R.T. -0.01 min

Lab File: BF118206.D

Acq: 16 Dec 2019 19:47

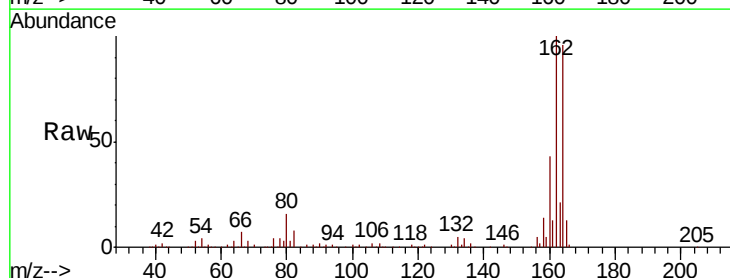
Tgt Ion: 164 Resp: 193036

Ion Ratio Lower Upper

164 100

162 103.7 83.4 125.0

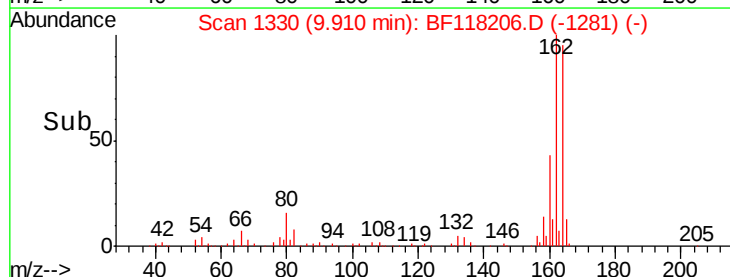
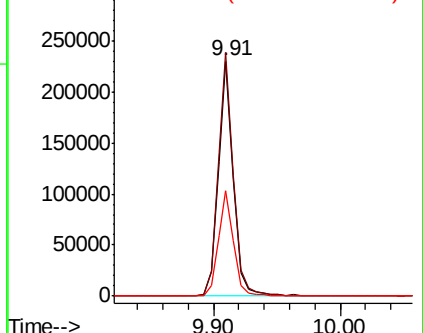
160 44.7 36.6 54.8

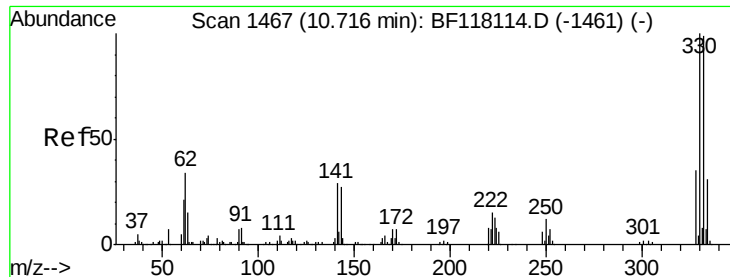


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#42

2,4,6-Tribromophenol

Concen: 143.406 ng

RT: 10.70 min Scan# 1465

Delta R.T. -0.01 min

Lab File: BF118206.D

Acq: 16 Dec 2019 19:47

Instrument :

BNA_F

ClientSampled :

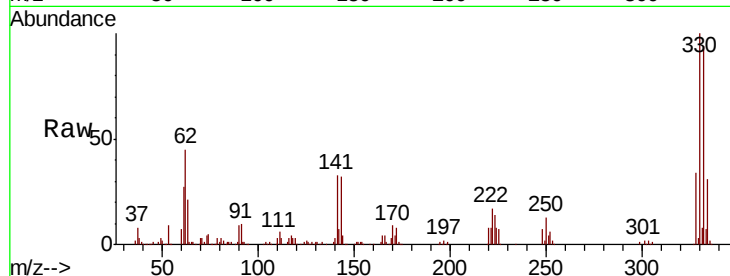
Tot Ion:330 Resp: 336293

Ion Ratio Lower Upper

330 100

332 94.8 78.1 117.1

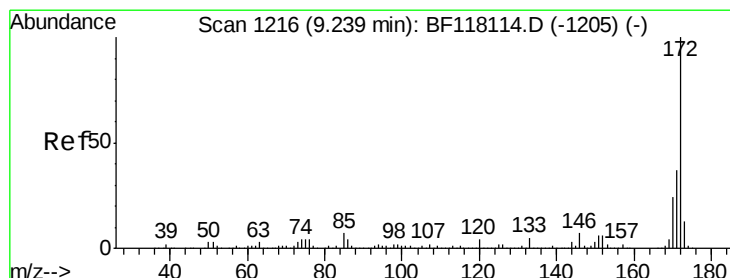
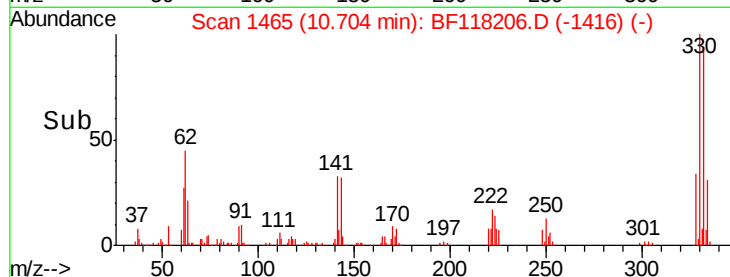
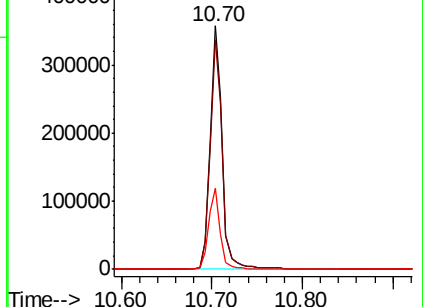
141 32.7 26.9 40.3



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: 94.436 ng

RT: 9.23 min Scan# 1214

Delta R.T. -0.01 min

Lab File: BF118206.D

Acq: 16 Dec 2019 19:47

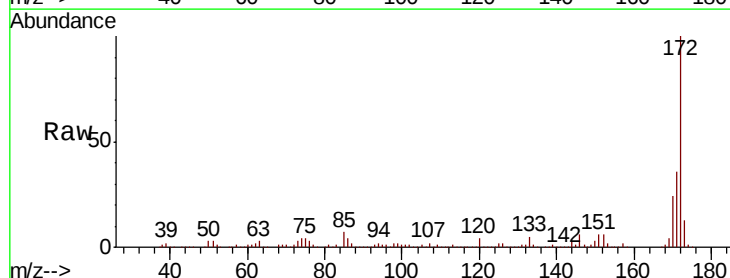
Tgt Ion:172 Resp: 1198011

Ion Ratio Lower Upper

172 100

171 36.0 29.2 43.8

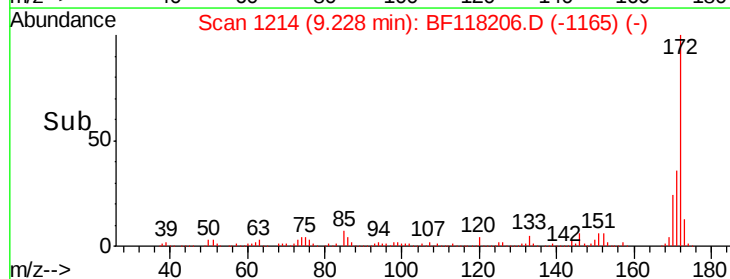
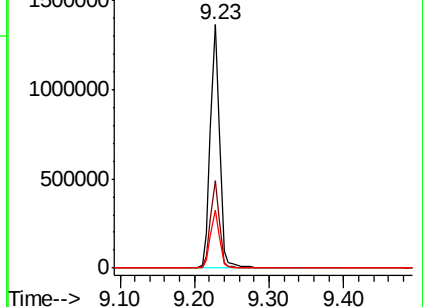
170 23.6 19.4 29.2

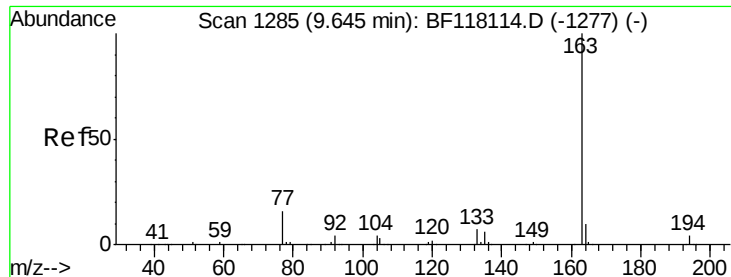


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

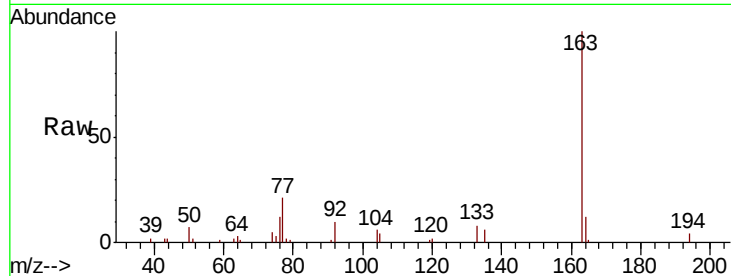




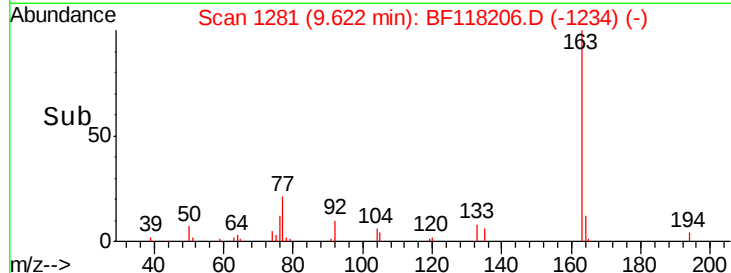
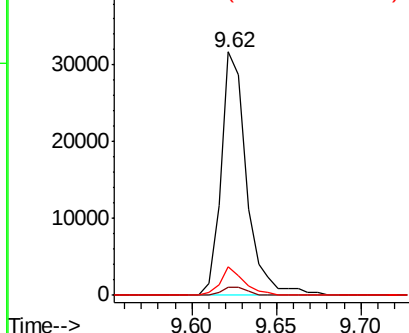
#50
Dimethylphthalate
Concen: 2.353 ng
RT: 9.62 min Scan# 1281
Delta R.T. -0.02 min
Lab File: BF118206.D
Acq: 16 Dec 2019 19:47

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
163	100		
194	3.6	3.1	4.7
164	11.7	7.7	11.5#

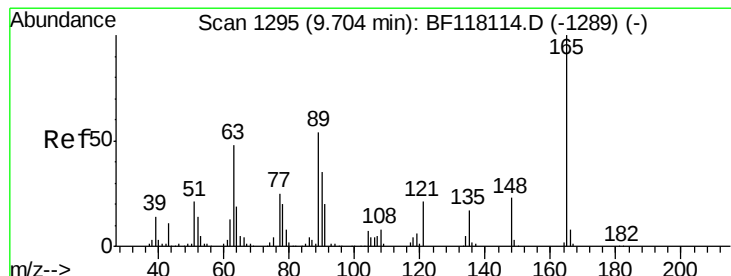


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

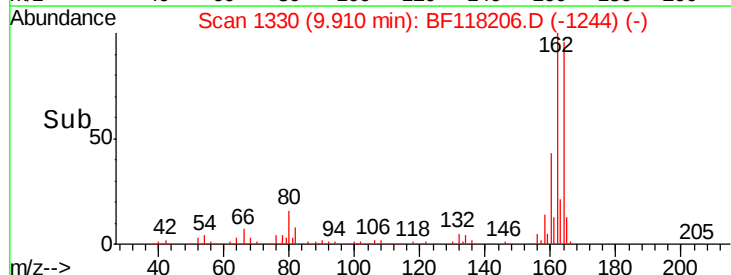
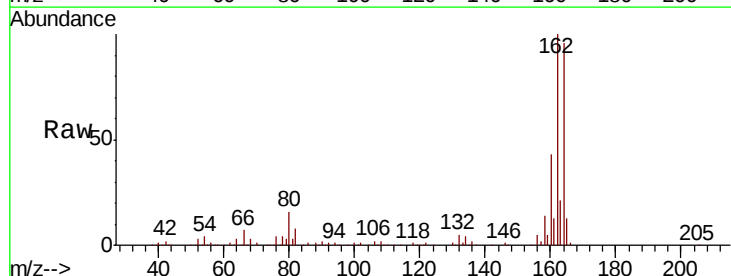
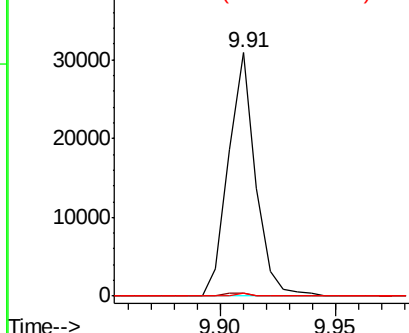


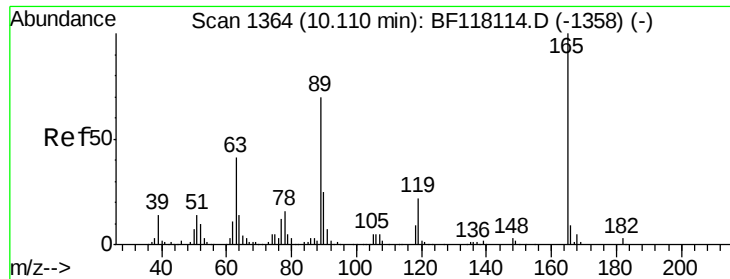
#51
2,6-Dinitrotoluene
Concen: 8.132 ng
RT: 9.91 min Scan# 1330
Delta R.T. 0.21 min
Lab File: BF118206.D
Acq: 16 Dec 2019 19:47

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.0	41.4	62.0#
89	1.4	42.9	64.3#



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

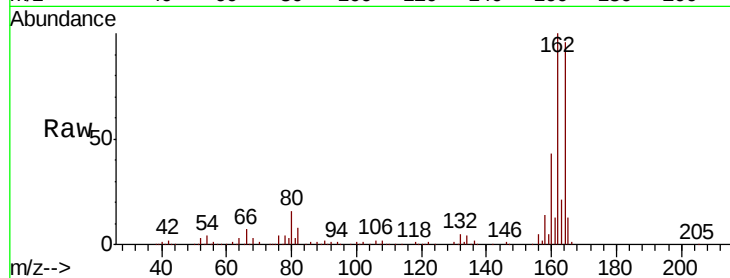




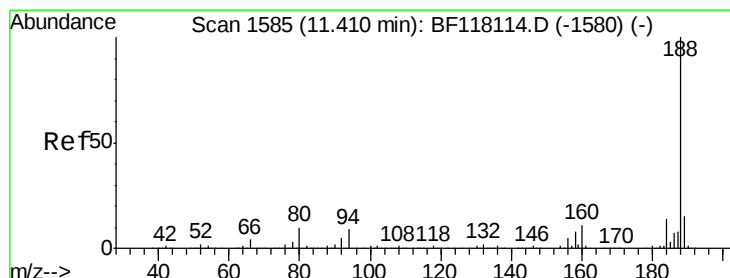
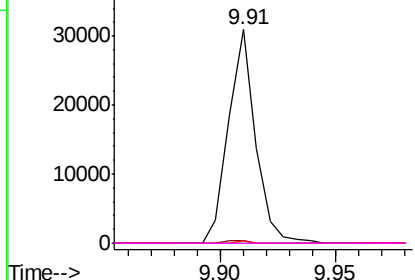
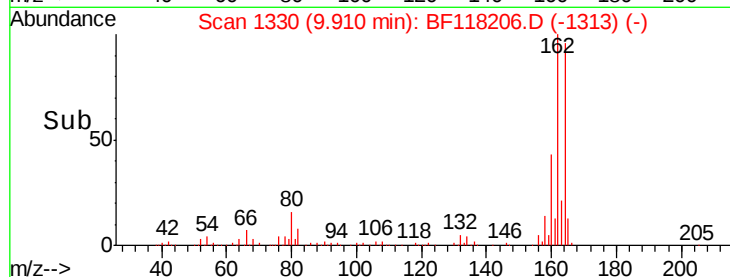
#57
 2,4-Dinitrotoluene
 Concen: 6.093 ng
 RT: 9.91 min Scan# 1330
 Delta R.T. -0.20 min
 Lab File: BF118206.D
 Acq: 16 Dec 2019 19:47

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:165 Resp: 25214
 Ion Ratio Lower Upper
 165 100
 63 1.0 32.6 49.0#
 89 1.4 56.1 84.1#
 182 0.0 2.1 3.1#

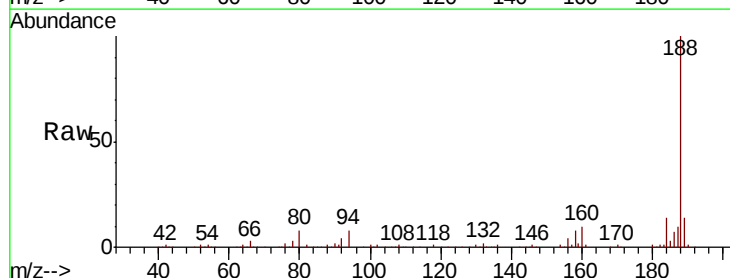


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1
 Ion 182.00 (181.70 to 182.70): E

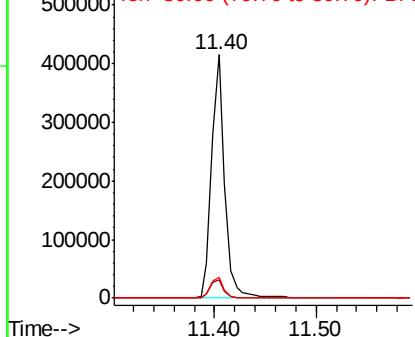
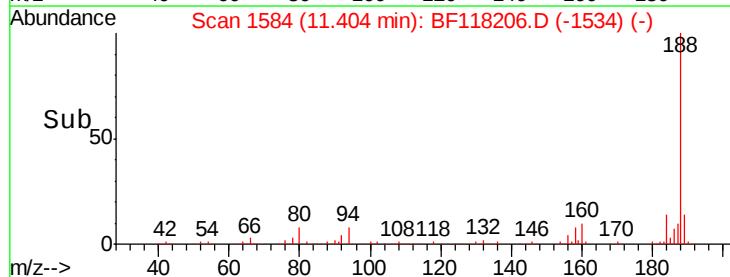


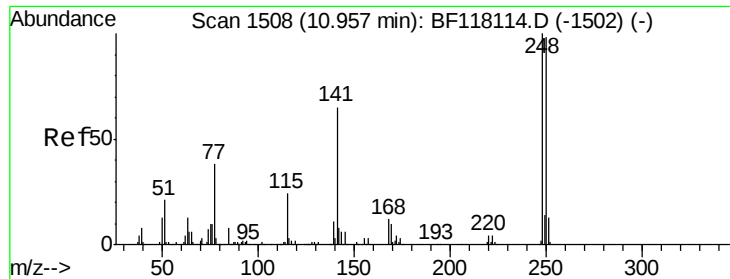
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.40 min Scan# 1584
 Delta R.T. -0.01 min
 Lab File: BF118206.D
 Acq: 16 Dec 2019 19:47

Tgt Ion:188 Resp: 374132
 Ion Ratio Lower Upper
 188 100
 94 7.6 7.1 10.7
 80 8.3 7.9 11.9



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

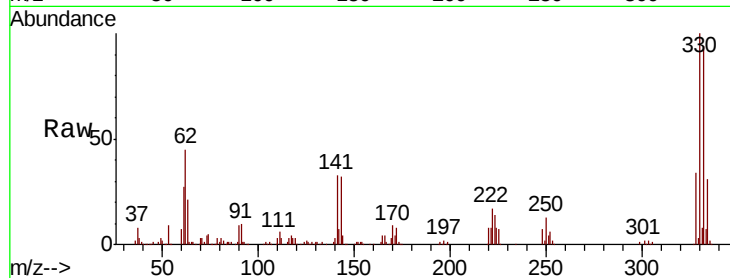




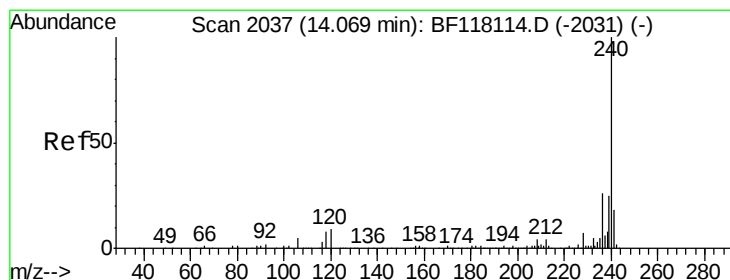
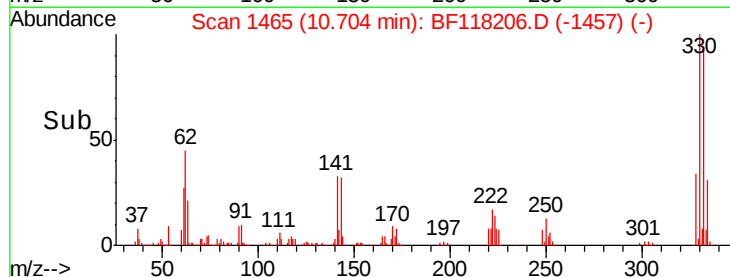
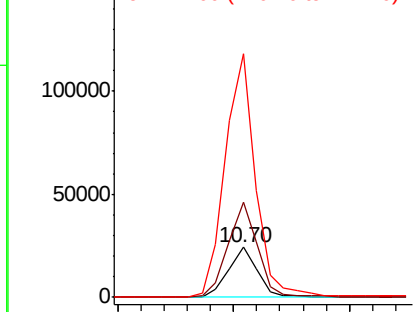
#67
4-Bromophenyl-phenylether
Concen: 4.968 ng
RT: 10.70 min Scan# 1465
Delta R.T. -0.25 min
Lab File: BF118206.D
Acq: 16 Dec 2019 19:47

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 21216
Ion Ratio Lower Upper
248 100
250 189.2 78.3 117.5#
141 486.5 52.2 78.4#

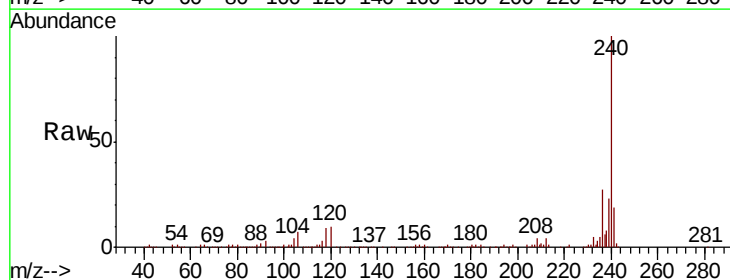


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

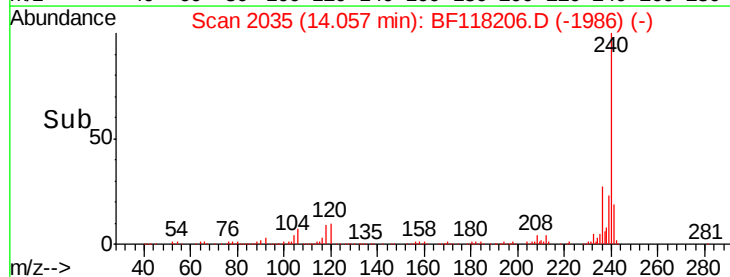
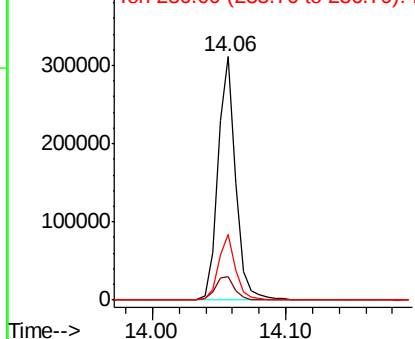


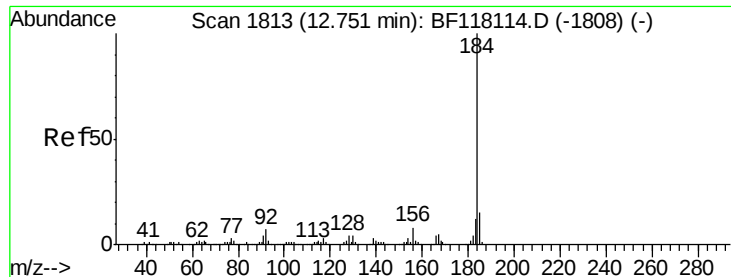
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.06 min Scan# 2035
Delta R.T. -0.01 min
Lab File: BF118206.D
Acq: 16 Dec 2019 19:47

Tgt Ion:240 Resp: 291114
Ion Ratio Lower Upper
240 100
120 9.6 7.1 10.7
236 26.9 21.0 31.6



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





#77

Benzidine

Concen: 82.671 ng

RT: 12.75 min Scan# 1812

Delta R.T. -0.01 min

Lab File: BF118206.D

Acq: 16 Dec 2019 19:47

Instrument :

BNA_F

ClientSampleId :

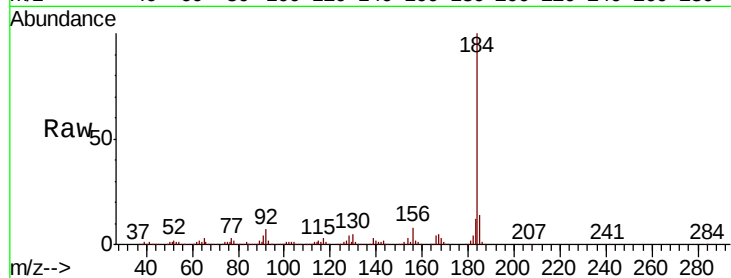
Tot Ion:184 Resp: 633558

Ion Ratio Lower Upper

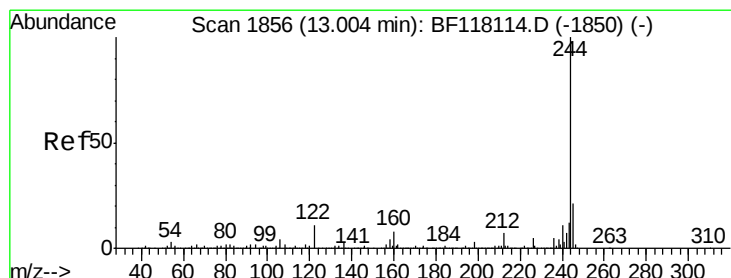
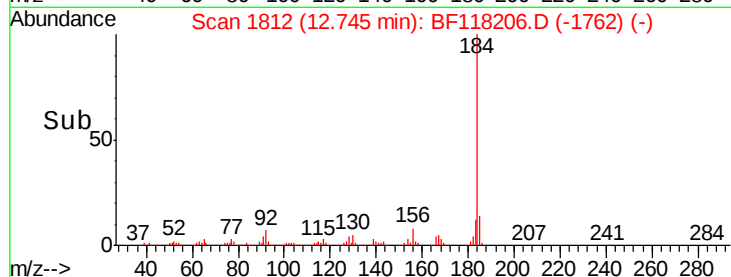
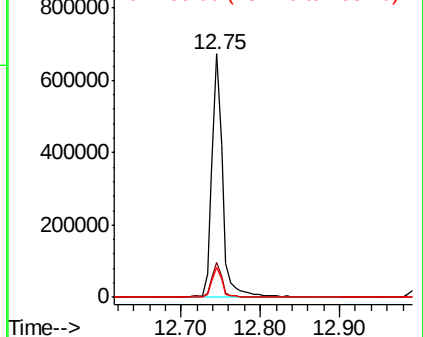
184 100

185 14.3 12.3 18.5

183 12.2 9.9 14.9



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E



#79

Terphenyl-d14

Concen: 90.294 ng

RT: 13.00 min Scan# 1855

Delta R.T. -0.01 min

Lab File: BF118206.D

Acq: 16 Dec 2019 19:47

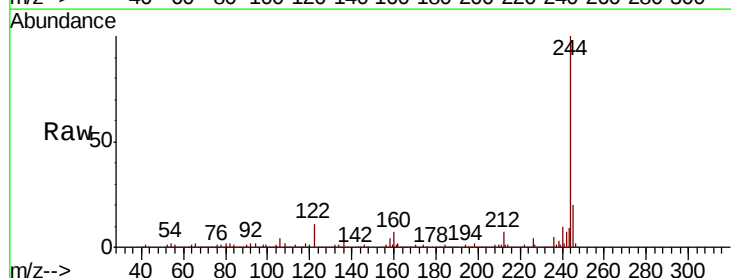
Tgt Ion:244 Resp: 1528582

Ion Ratio Lower Upper

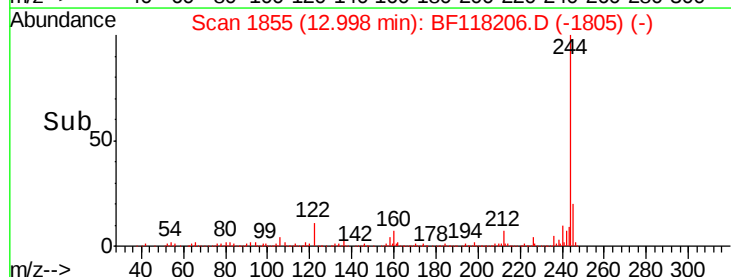
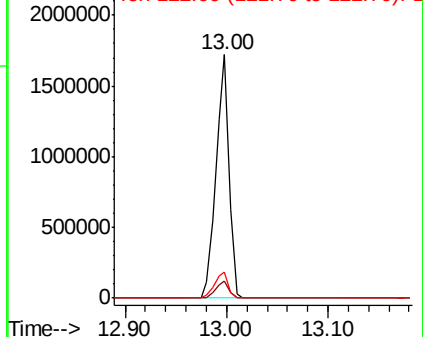
244 100

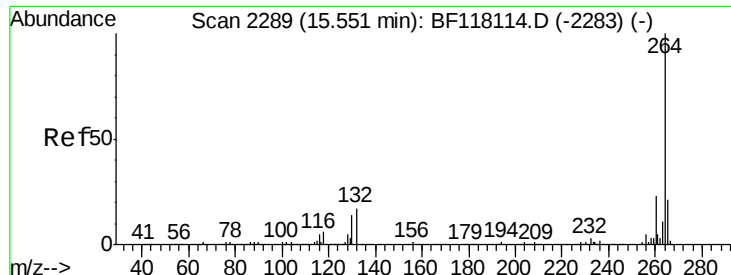
212 7.1 5.9 8.9

122 10.8 9.0 13.6



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: 15.54 min Scan# 2288
 Delta R.T. -0.01 min
 Lab File: BF118206.D
 Acq: 16 Dec 2019 19:47

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.0	18.6	28.0
265	20.7	16.8	25.2

