

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122619\
 Data File : BF118317.D
 Acq On : 26 Dec 2019 15:34
 Operator : JU
 Sample : K6438-06
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 27 03:23:34 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF122419.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 24 15:58:52 2019
 Response via : Initial Calibration

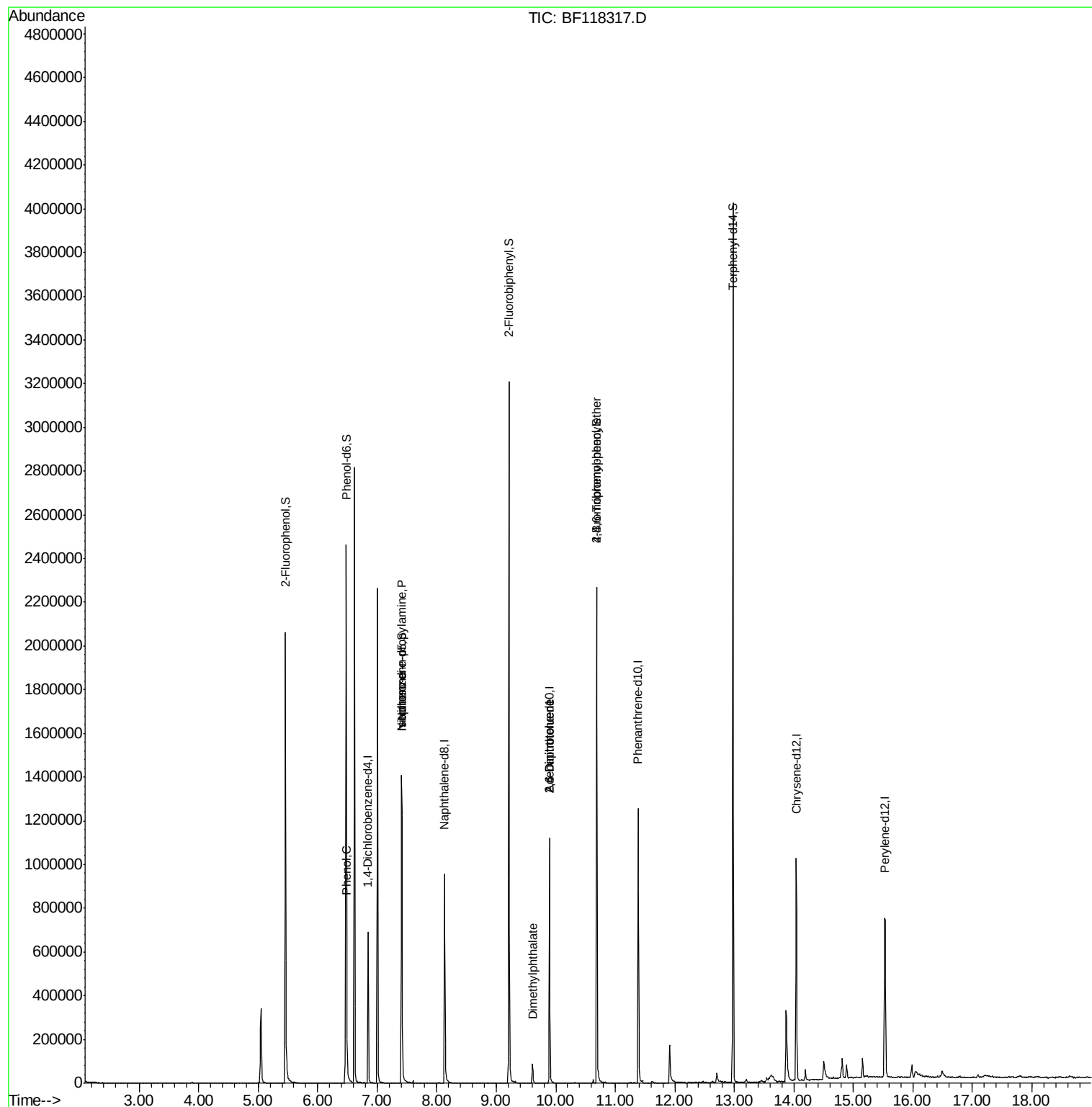
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	113151	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	451774	20.00	ng	0.00
39) Acenaphthene-d10	9.90	164	243484	20.00	ng	0.00
64) Phenanthrene-d10	11.39	188	466021	20.00	ng	0.00
76) Chrysene-d12	14.04	240	329351	20.00	ng	-0.01
87) Perylene-d12	15.53	264	349194	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	645224	97.34	ng	0.00
7) Phenol-d6	6.48	99	815396	99.16	ng	0.00
23) Nitrobenzene-d5	7.41	82	483358	61.19	ng	-0.01
42) 2,4,6-Tribromophenol	10.69	330	285972	95.11	ng	0.00
45) 2-Fluorobiphenyl	9.22	172	1016986	63.76	ng	0.00
79) Terphenyl-d14	12.98	244	1332515	67.12	ng	0.00
Target Compounds						
10) Phenol	6.49	94	22087	2.390	ng	91
19) n-Nitroso-di-n-propylamine	7.41	70	63333	12.502	ng	# 77
25) Isophorone	7.41	82	483355	35.112	ng	# 62
50) Dimethylphthalate	9.61	163	41031	2.245	ng	# 98
51) 2,6-Dinitrotoluene	9.90	165	30752	7.804	ng	# 26
57) 2,4-Dinitrotoluene	9.90	165	30752	5.841	ng	# 29
67) 4-Bromophenyl-phenylether	10.69	248	17824	3.268	ng	# 1

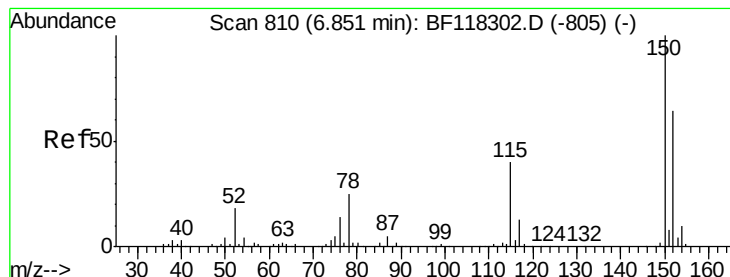
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122619\
Data File : BF118317.D
Acq On : 26 Dec 2019 15:34
Operator : JU
Sample : K6438-06
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Dec 27 03:23:34 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF122419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 24 15:58:52 2019
Response via : Initial Calibration



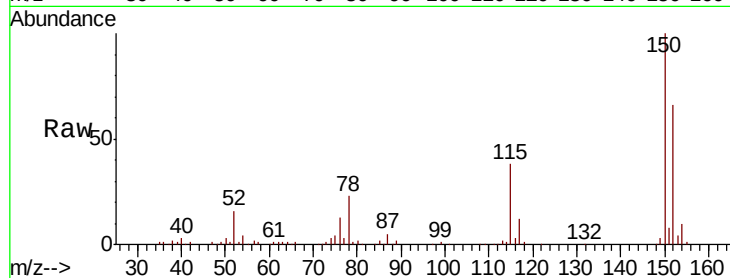


#1

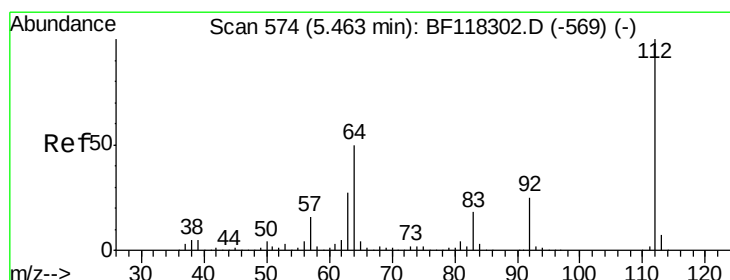
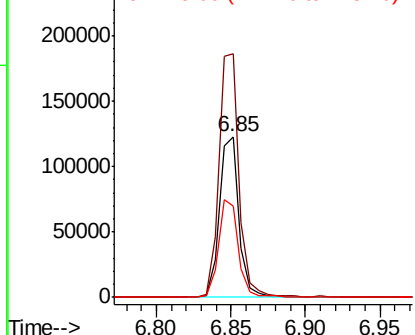
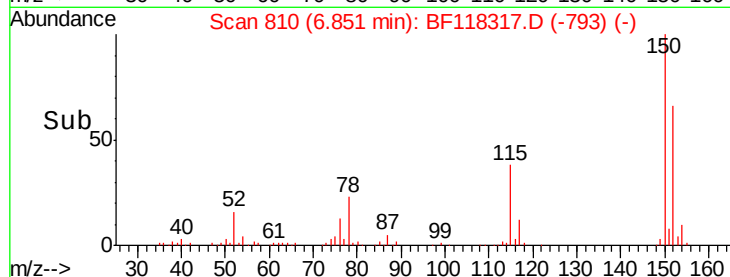
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 810
Delta R.T. -0.00 min
Lab File: BF118317.D
Acq: 26 Dec 2019 15:34

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 113151
Ion Ratio Lower Upper
152 100
150 151.4 125.4 188.2
115 57.2 50.2 75.4



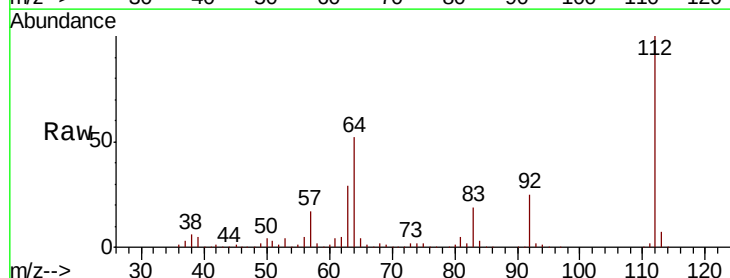
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



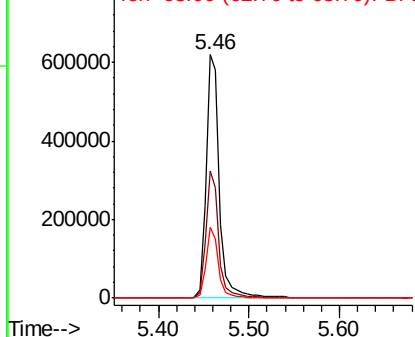
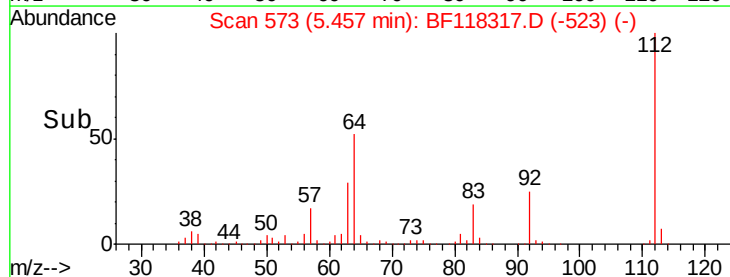
#5

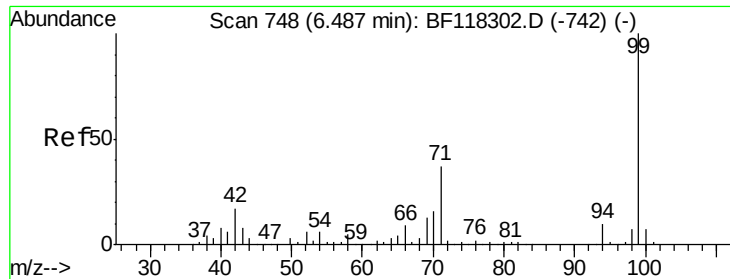
2-Fluorophenol
Concen: 97.338 ng
RT: 5.46 min Scan# 573
Delta R.T. -0.01 min
Lab File: BF118317.D
Acq: 26 Dec 2019 15:34

Tgt Ion:112 Resp: 645224
Ion Ratio Lower Upper
112 100
64 52.2 39.7 59.5
63 28.9 21.7 32.5



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: 99.160 ng

RT: 6.48 min Scan# 747

Delta R.T. -0.01 min

Lab File: BF118317.D

Acq: 26 Dec 2019 15:34

Instrument :

BNA_F

ClientSampled :

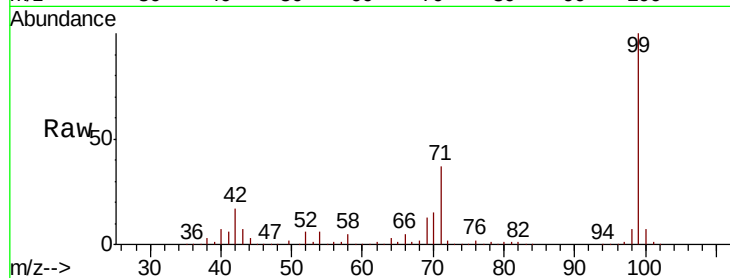
Tot Ion: 99 Resp: 815396

Ion Ratio Lower Upper

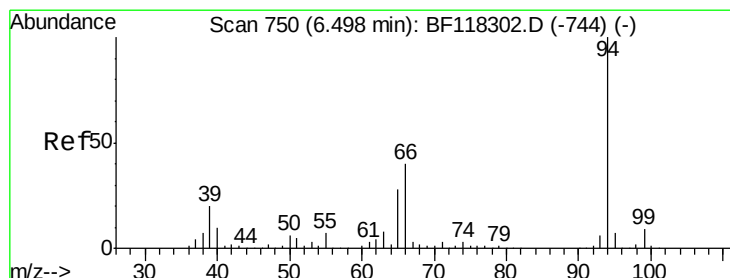
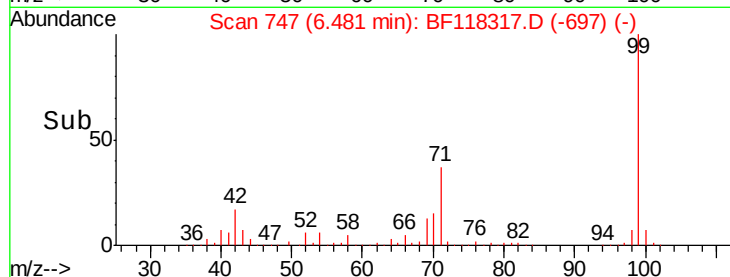
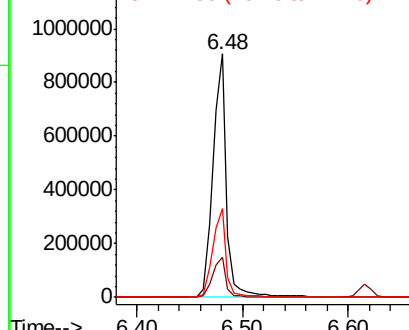
99 100

42 16.7 13.5 20.3

71 36.6 29.4 44.2



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: 2.390 ng

RT: 6.49 min Scan# 749

Delta R.T. -0.01 min

Lab File: BF118317.D

Acq: 26 Dec 2019 15:34

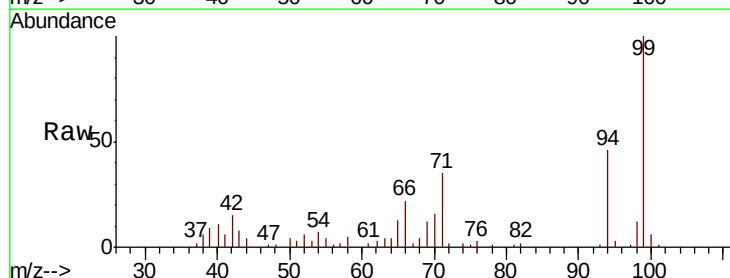
Tgt Ion: 94 Resp: 22087

Ion Ratio Lower Upper

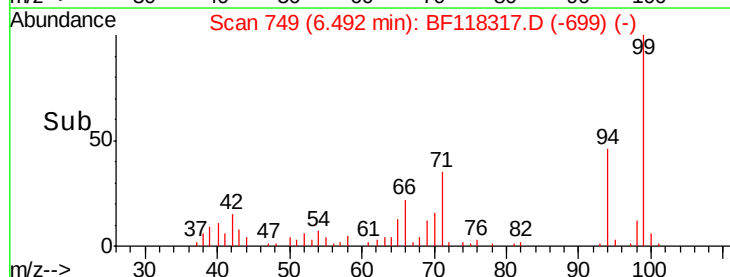
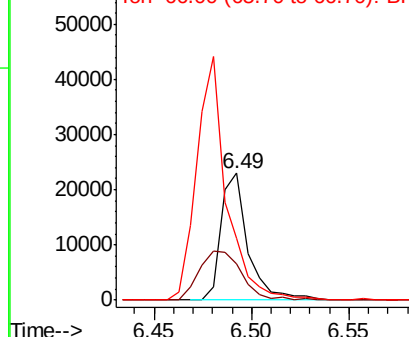
94 100

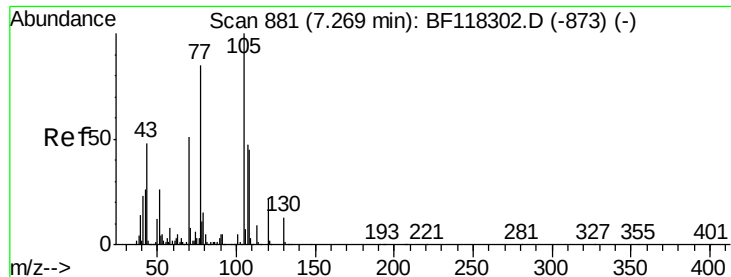
65 28.3 7.8 47.8

66 49.0 20.4 60.4



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

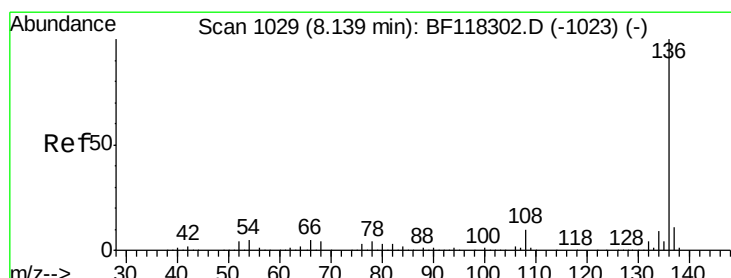
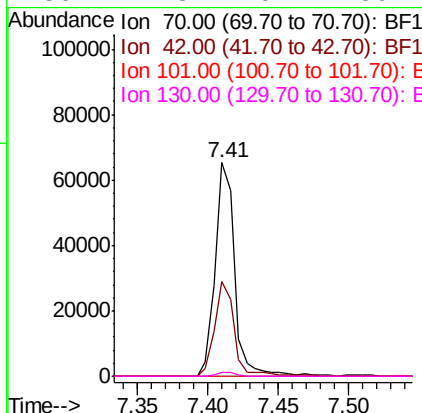
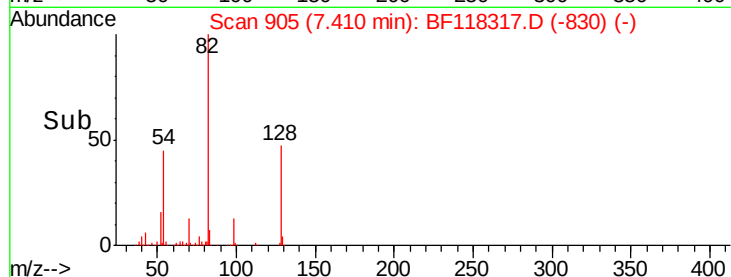
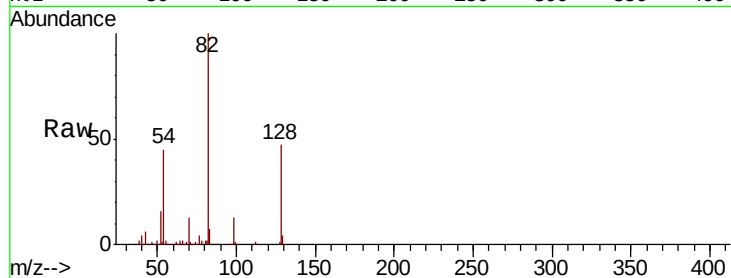




#19
n-Nitroso-di-n-propylamine
Concen: 12.502 ng
RT: 7.41 min Scan# 905
Delta R.T. 0.14 min
Lab File: BF118317.D
Acq: 26 Dec 2019 15:34

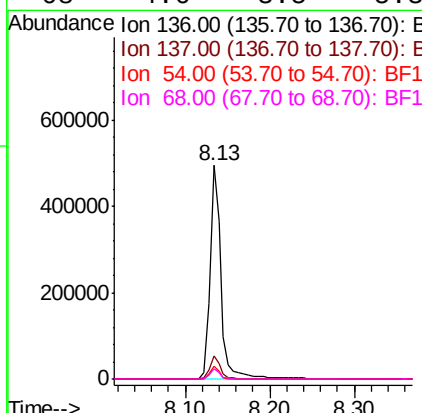
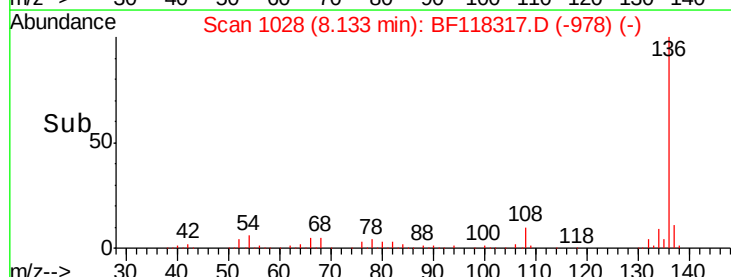
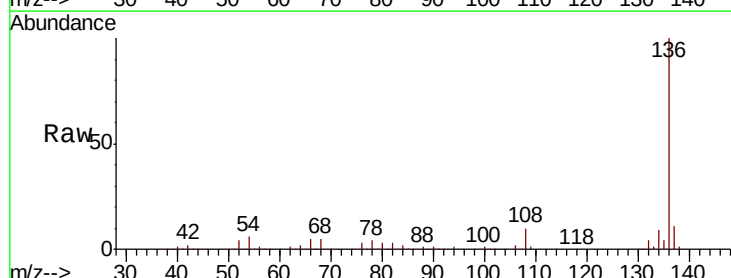
Instrument :
BNA_F
ClientSampleId :

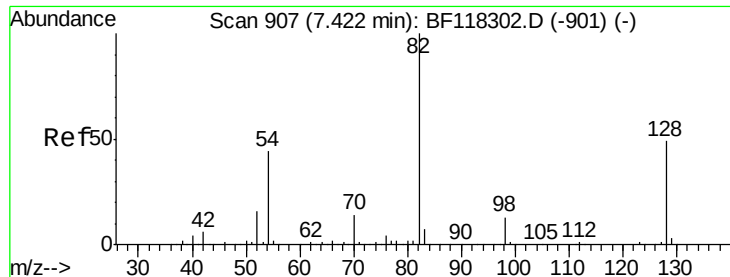
Tot Ion: 70 Resp: 63333
Ion Ratio Lower Upper
70 100
42 44.6 41.1 61.7
101 0.0 8.3 12.5#
130 1.8 20.1 30.1#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.13 min Scan# 1028
Delta R.T. -0.01 min
Lab File: BF118317.D
Acq: 26 Dec 2019 15:34

Tgt Ion: 136 Resp: 451774
Ion Ratio Lower Upper
136 100
137 11.0 8.9 13.3
54 5.8 4.2 6.4
68 4.6 3.5 5.3

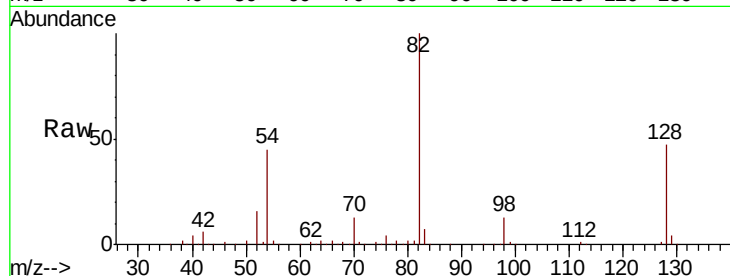




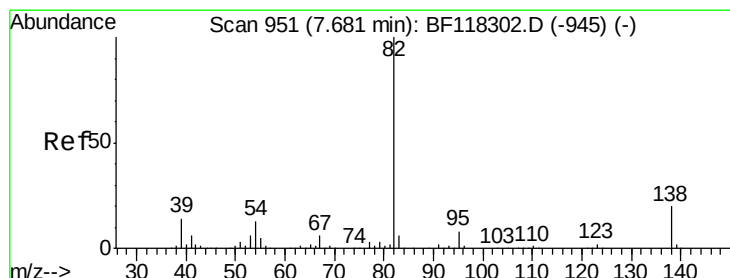
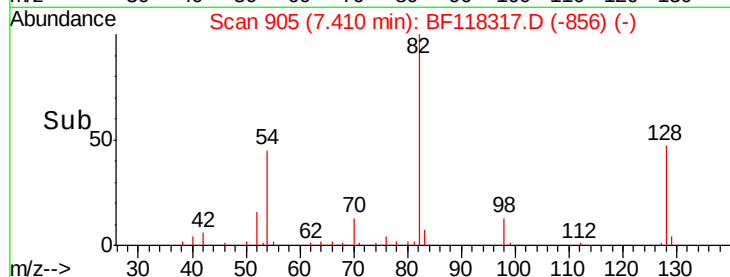
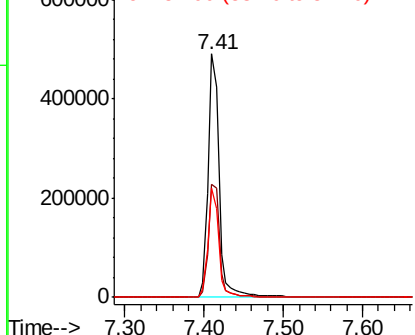
#23
 Nitrobenzene-d5
 Concen: 61.193 ng
 RT: 7.41 min Scan# 905
 Delta R.T. -0.01 min
 Lab File: BF118317.D
 Acq: 26 Dec 2019 15:34

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 82 Resp: 483358
 Ion Ratio Lower Upper
 82 100
 128 46.7 39.6 59.4
 54 44.9 34.9 52.3

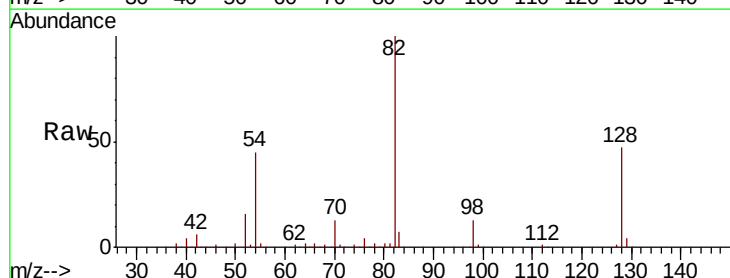


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

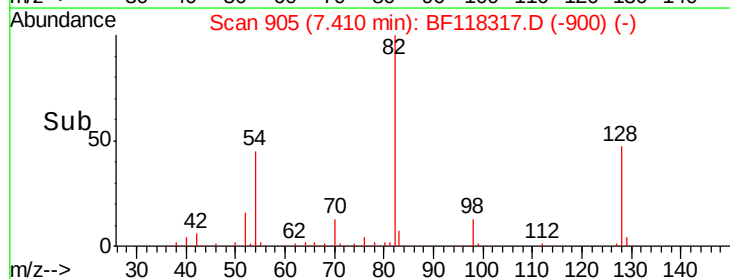
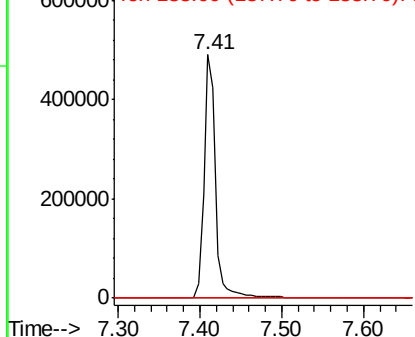


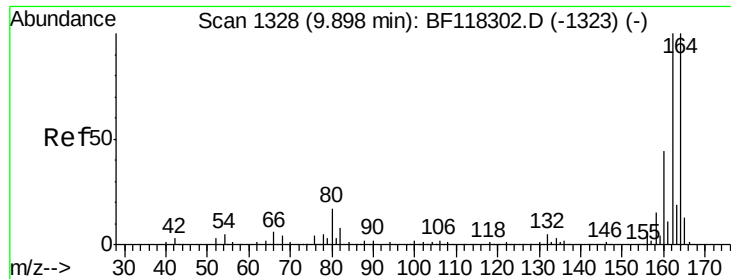
#25
 Isophorone
 Concen: 35.112 ng
 RT: 7.41 min Scan# 905
 Delta R.T. -0.27 min
 Lab File: BF118317.D
 Acq: 26 Dec 2019 15:34

Tgt Ion: 82 Resp: 483355
 Ion Ratio Lower Upper
 82 100
 95 0.0 6.3 9.5#
 138 0.0 16.2 24.2#



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

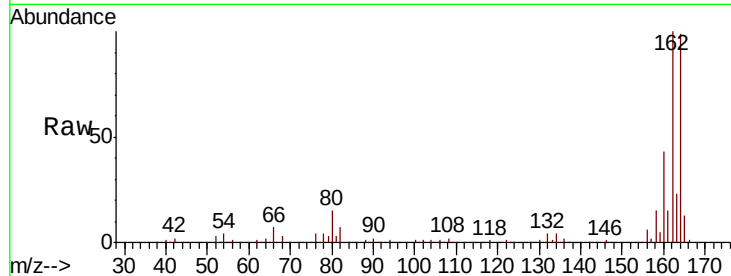




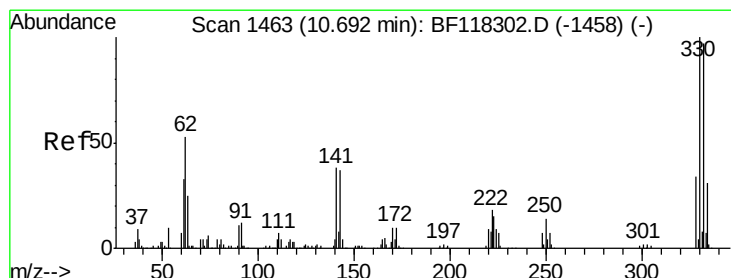
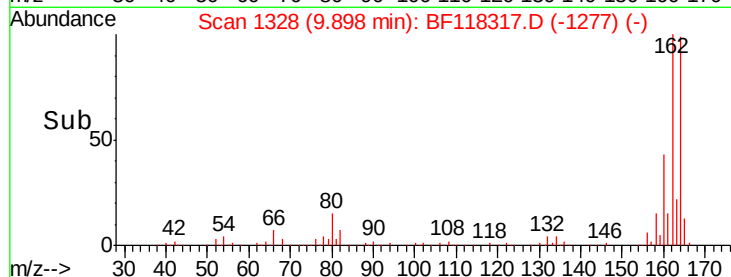
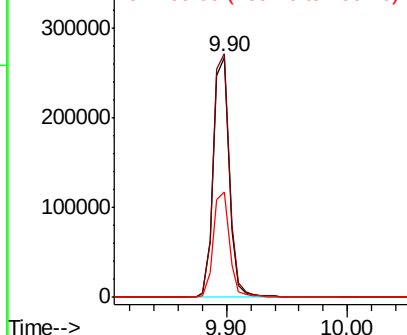
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.90 min Scan# 1328
Delta R.T. -0.00 min
Lab File: BF118317.D
Acq: 26 Dec 2019 15:34

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 243484
Ion Ratio Lower Upper
164 100
162 101.4 80.0 120.0
160 43.8 34.8 52.2

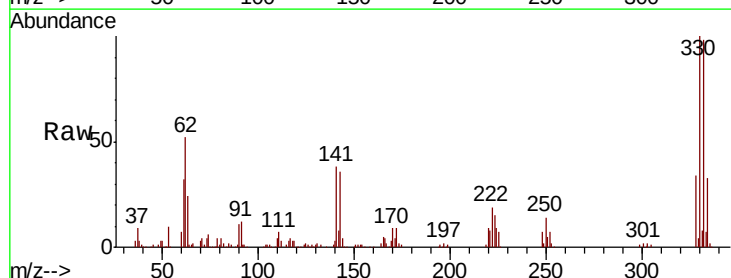


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

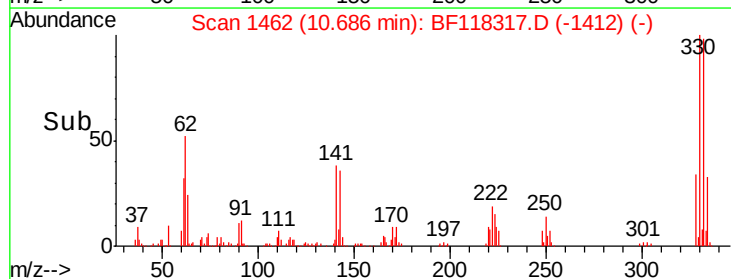
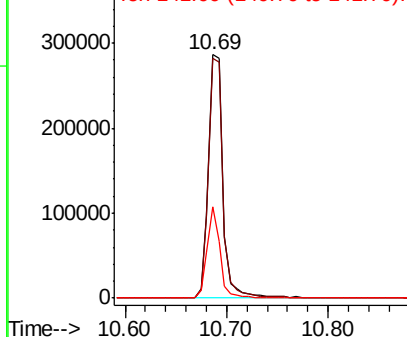


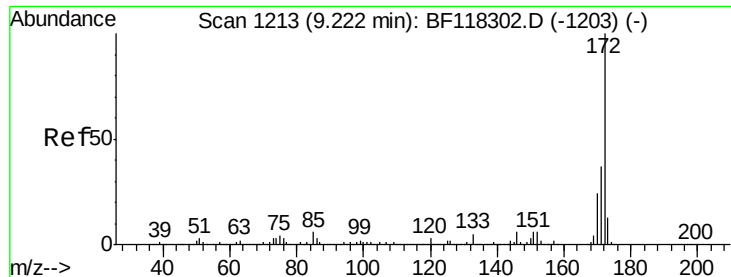
#42
2,4,6-Tribromophenol
Concen: 95.107 ng
RT: 10.69 min Scan# 1462
Delta R.T. -0.01 min
Lab File: BF118317.D
Acq: 26 Dec 2019 15:34

Tgt Ion:330 Resp: 285972
Ion Ratio Lower Upper
330 100
332 98.9 76.6 114.8
141 32.9 26.0 39.0



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

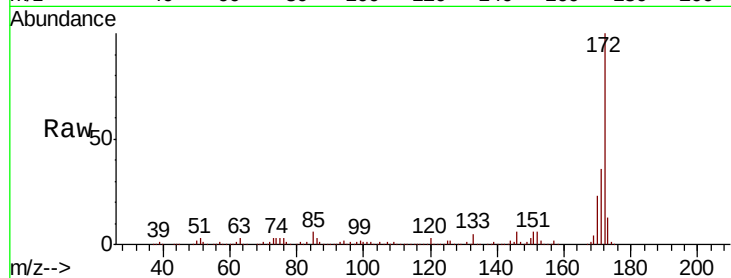




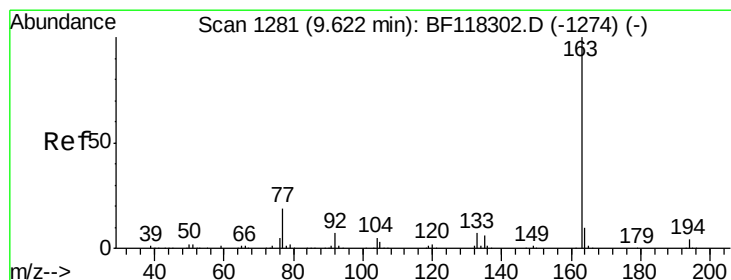
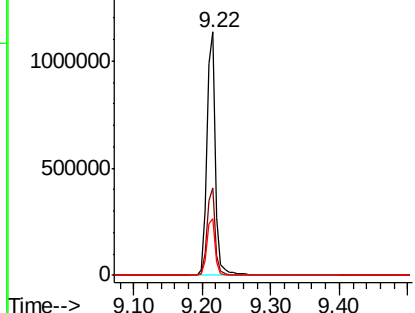
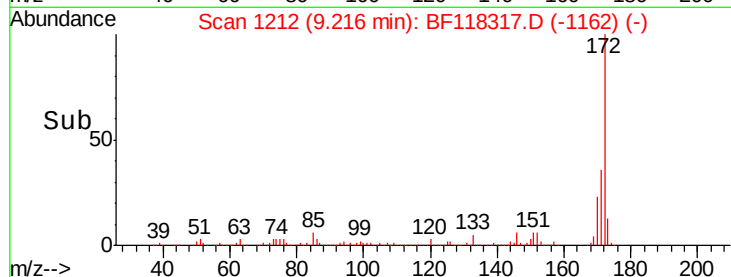
#45
2-Fluorobiphenyl
Concen: 63.758 ng
RT: 9.22 min Scan# 1212
Delta R.T. -0.01 min
Lab File: BF118317.D
Acq: 26 Dec 2019 15:34

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 1016986
Ion Ratio Lower Upper
172 100
171 36.0 29.3 43.9
170 23.5 19.2 28.8

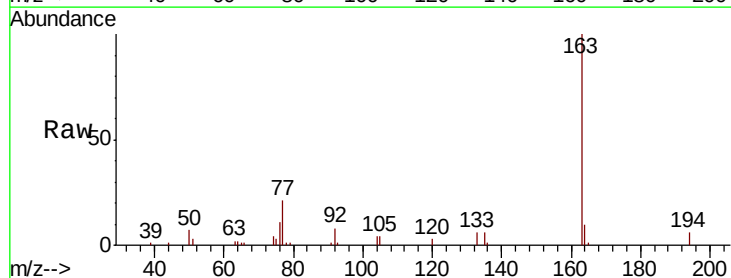


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

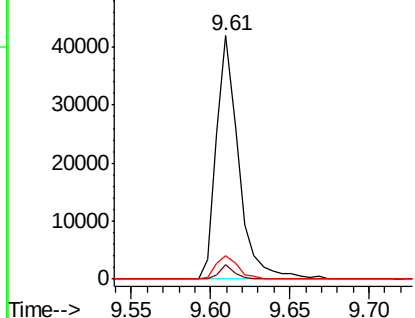
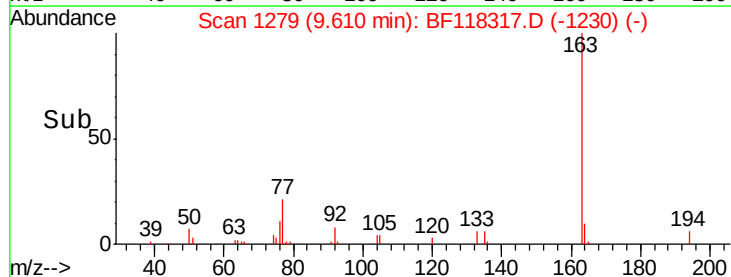


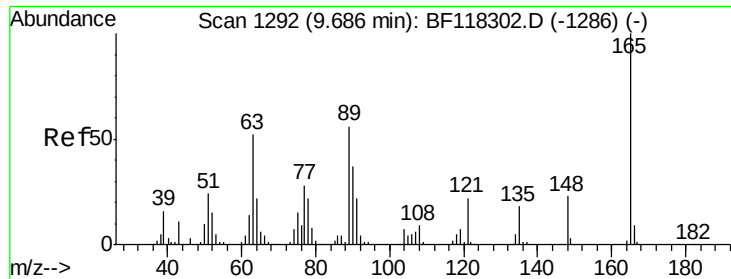
#50
Dimethylphthalate
Concen: 2.245 ng
RT: 9.61 min Scan# 1279
Delta R.T. -0.01 min
Lab File: BF118317.D
Acq: 26 Dec 2019 15:34

Tgt Ion:163 Resp: 41031
Ion Ratio Lower Upper
163 100
194 5.7 3.2 4.8#
164 9.6 7.9 11.9



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: 7.804 ng

RT: 9.90 min Scan# 1328

Delta R.T. 0.21 min

Lab File: BF118317.D

Acq: 26 Dec 2019 15:34

Instrument :

BNA_F

ClientSampleId :

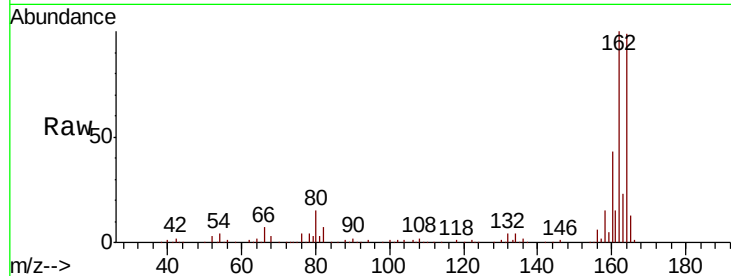
Tot Ion:165 Resp: 30752

Ion Ratio Lower Upper

165 100

63 0.9 42.2 63.4#

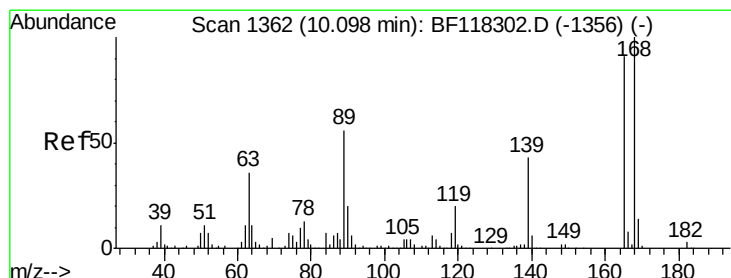
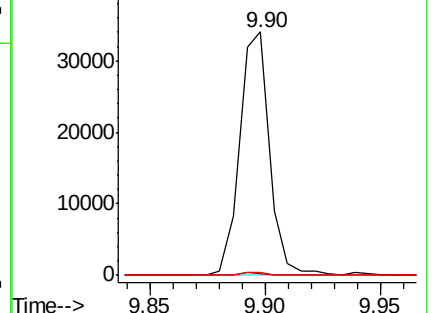
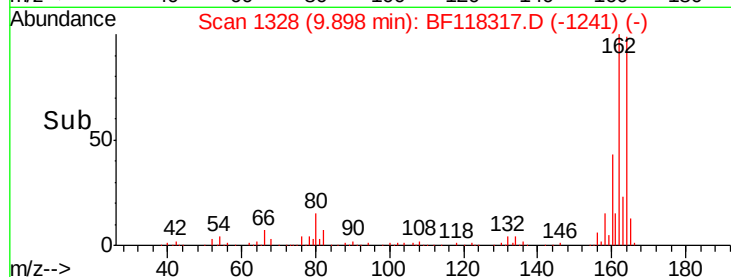
89 1.4 44.4 66.6#



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



#57

2,4-Dinitrotoluene

Concen: 5.841 ng

RT: 9.90 min Scan# 1328

Delta R.T. -0.20 min

Lab File: BF118317.D

Acq: 26 Dec 2019 15:34

Tgt Ion:165 Resp: 30752

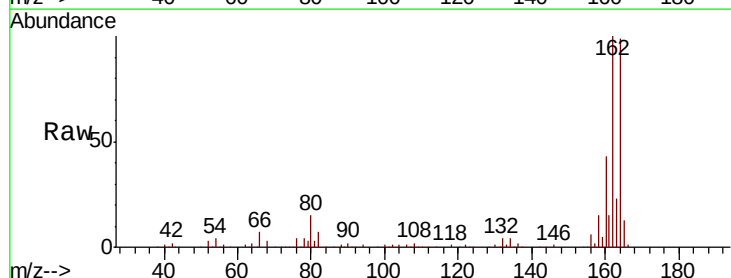
Ion Ratio Lower Upper

165 100

63 0.9 32.0 48.0#

89 1.4 49.3 73.9#

182 0.0 2.4 3.6#

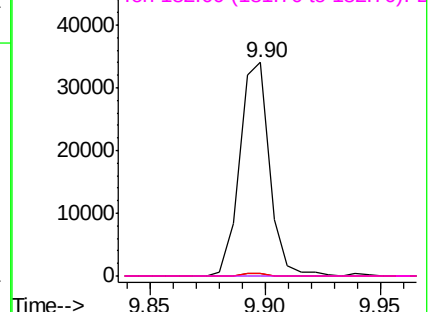
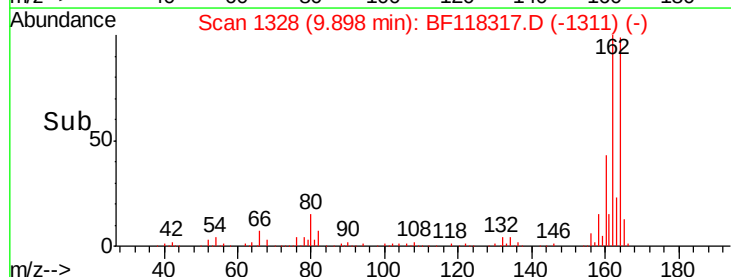


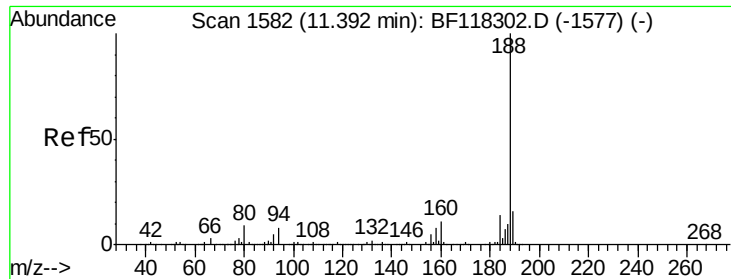
Abundance Ion 165.00 (164.70 to 165.70): E

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: 11.39 min Scan# 1581

Delta R.T. -0.01 min

Lab File: BF118317.D

Acq: 26 Dec 2019 15:34

Instrument :

BNA_F

ClientSampleId :

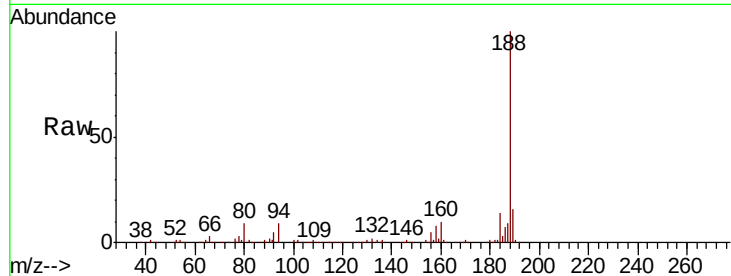
Tot Ion:188 Resp: 466021

Ion Ratio Lower Upper

188 100

94 9.3 6.7 10.1

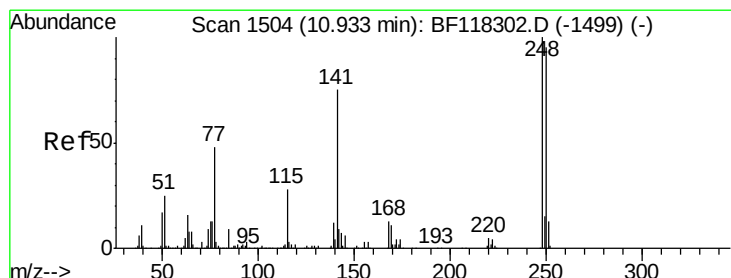
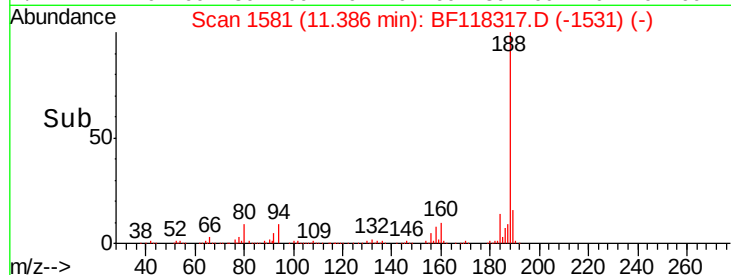
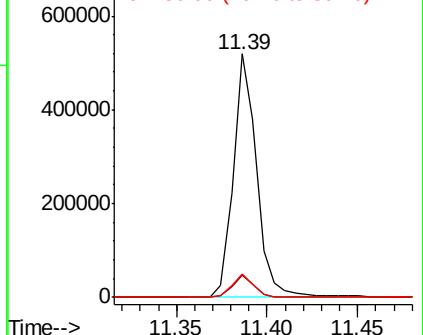
80 9.4 7.2 10.8



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



#67

4-Bromophenyl-phenylether

Concen: 3.268 ng

RT: 10.69 min Scan# 1462

Delta R.T. -0.25 min

Lab File: BF118317.D

Acq: 26 Dec 2019 15:34

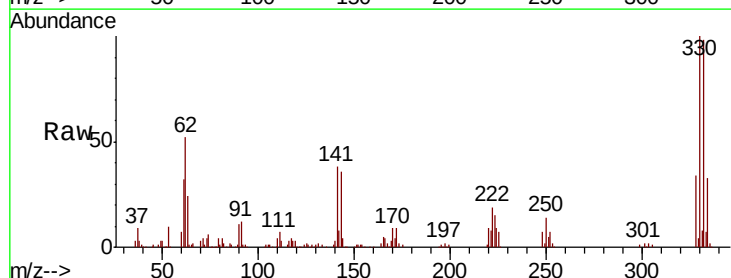
Tgt Ion:248 Resp: 17824

Ion Ratio Lower Upper

248 100

250 201.5 76.4 114.6#

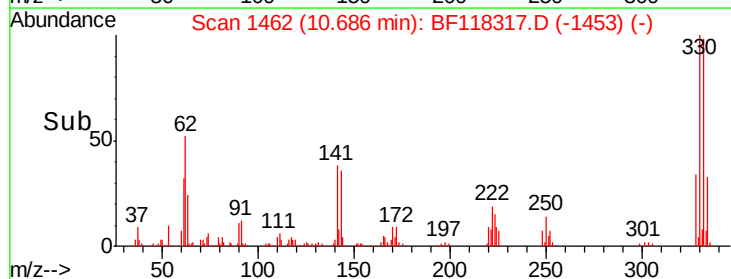
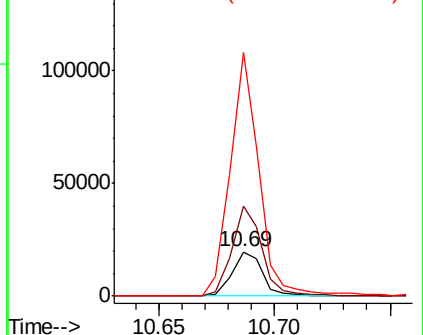
141 548.1 60.2 90.2#

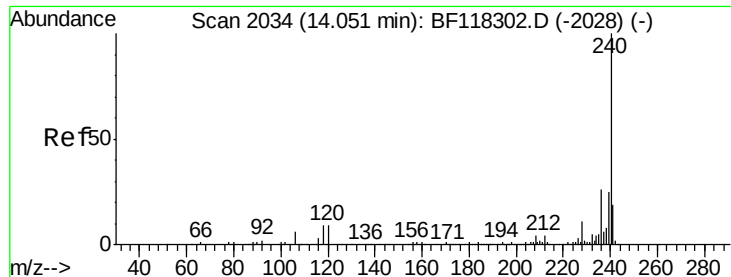


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

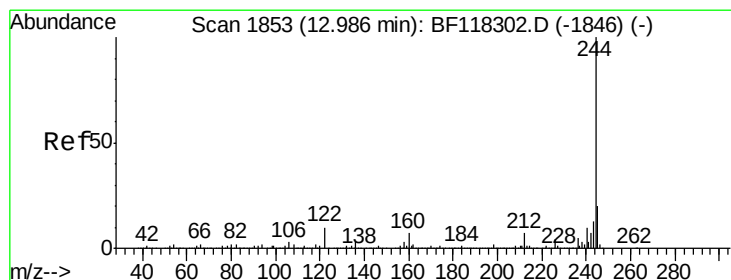
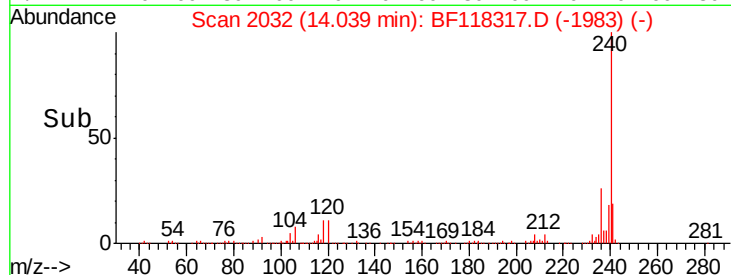
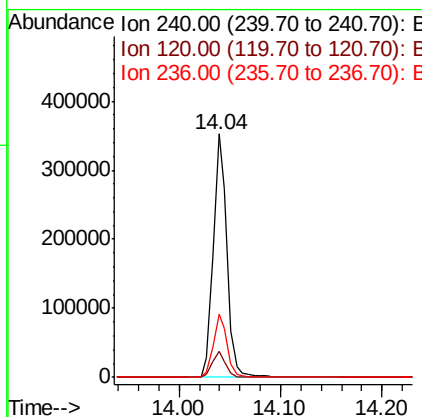
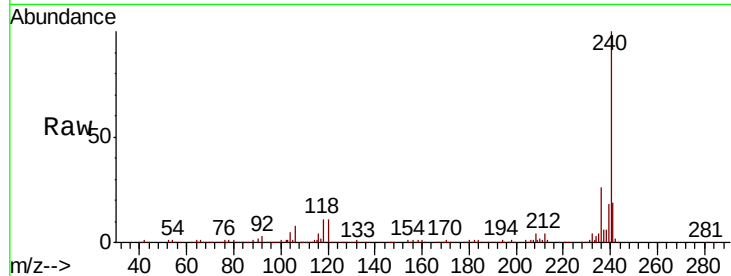




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.04 min Scan# 2032
 Delta R.T. -0.01 min
 Lab File: BF118317.D
 Acq: 26 Dec 2019 15:34

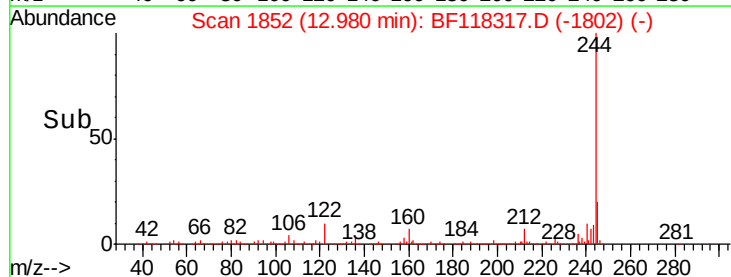
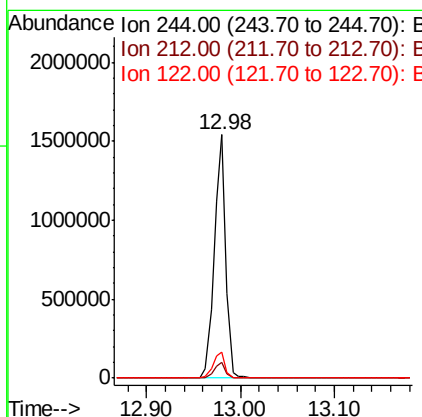
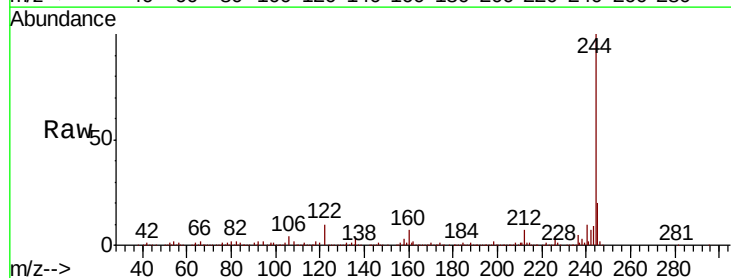
Instrument :
 BNA_F
 ClientSampleId :

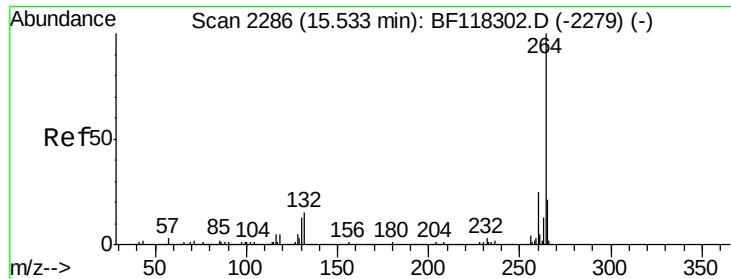
Tot Ion:240 Resp: 329351
 Ion Ratio Lower Upper
 240 100
 120 10.7 7.1 10.7
 236 26.0 21.0 31.6



#79
 Terphenyl-d14
 Concen: 67.122 ng
 RT: 12.98 min Scan# 1852
 Delta R.T. -0.01 min
 Lab File: BF118317.D
 Acq: 26 Dec 2019 15:34

Tgt Ion:244 Resp: 1332515
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.4 8.2
 122 10.5 7.8 11.8

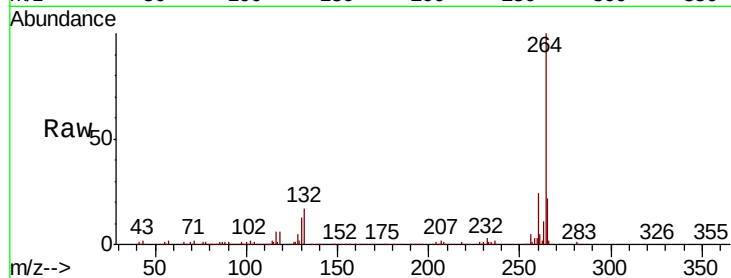




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.53 min Scan# 2285
Delta R.T. -0.01 min
Lab File: BF118317.D
Acq: 26 Dec 2019 15:34

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.8	29.6
265	21.7	17.0	25.4



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

