

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122819\
 Data File : BF118363.D
 Acq On : 28 Dec 2019 14:09
 Operator : JU
 Sample : PB125767BL
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 29 07:01:50 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

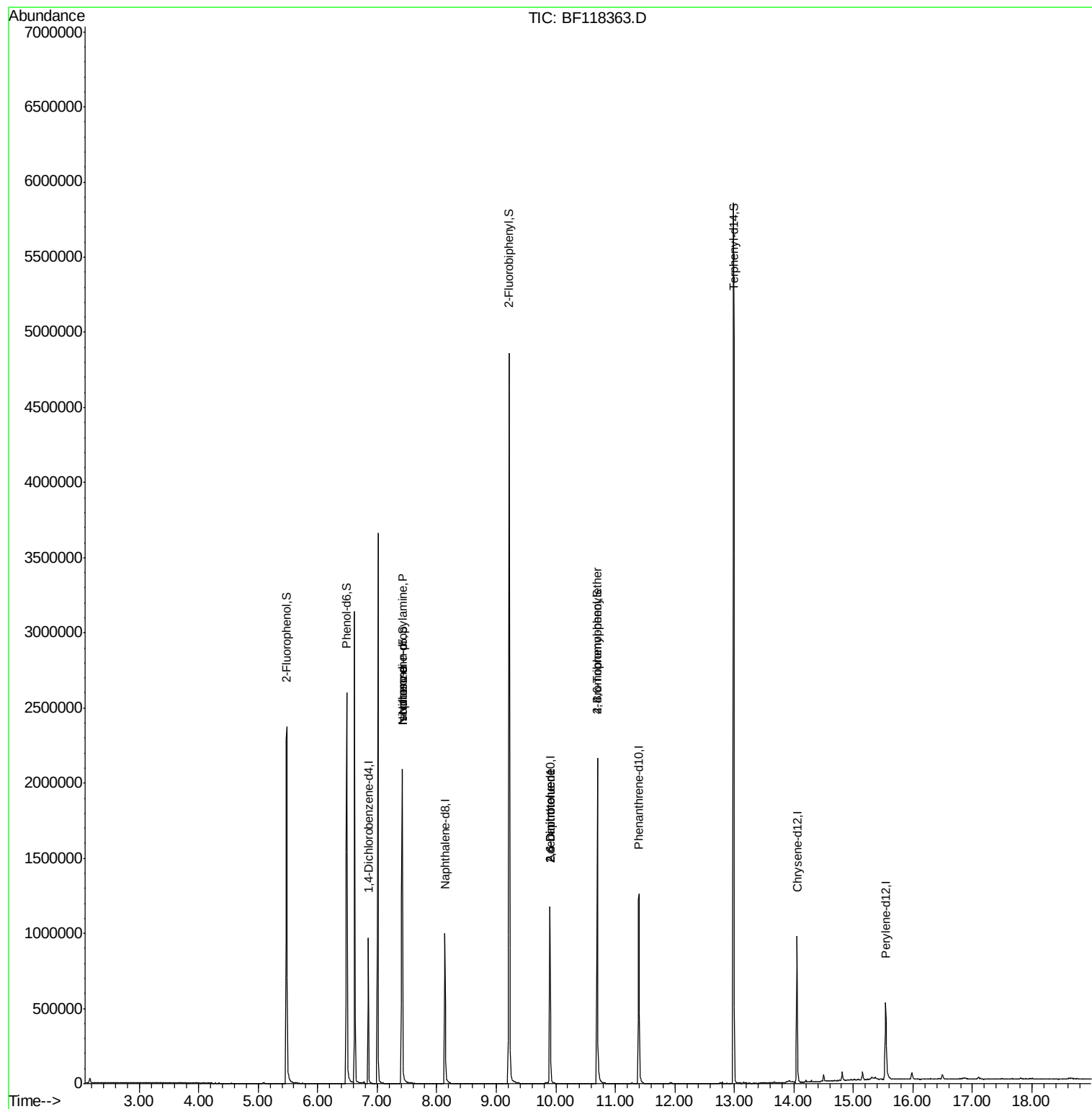
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	141890	20.00	ng	0.00
21) Naphthalene-d8	8.14	136	547734	20.00	ng	0.00
39) Acenaphthene-d10	9.90	164	294650	20.00	ng	0.00
64) Phenanthrene-d10	11.40	188	574135	20.00	ng	0.00
76) Chrysene-d12	14.05	240	353573	20.00	ng	0.00
87) Perylene-d12	15.54	264	296729	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	784165	94.34	ng	0.02
7) Phenol-d6	6.49	99	988962	95.91	ng	0.00
23) Nitrobenzene-d5	7.42	82	843267	88.05	ng	0.00
42) 2,4,6-Tribromophenol	10.70	330	333782	91.73	ng	0.00
45) 2-Fluorobiphenyl	9.22	172	1826718	94.64	ng	0.00
79) Terphenyl-d14	12.99	244	2152978	101.02	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.42	70	115497	18.182	ng	# 74
25) Isophorone	7.42	82	830269	49.747	ng	# 62
51) 2,6-Dinitrotoluene	9.90	165	38396	8.052	ng	# 26
57) 2,4-Dinitrotoluene	9.90	165	38396	6.026	ng	# 29
67) 4-Bromophenyl-phenylether	10.70	248	20725	3.085	ng	# 1

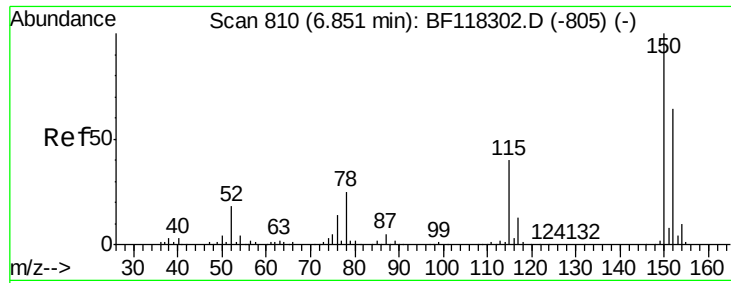
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122819\
Data File : BF118363.D
Acq On : 28 Dec 2019 14:09
Operator : JU
Sample : PB125767BL
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Dec 29 07:01:50 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



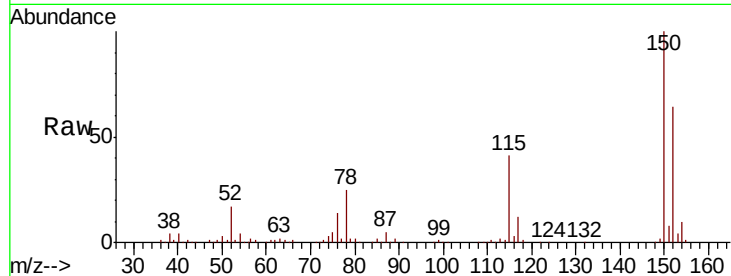


#1

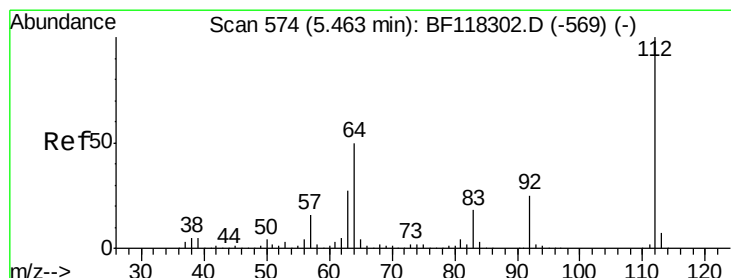
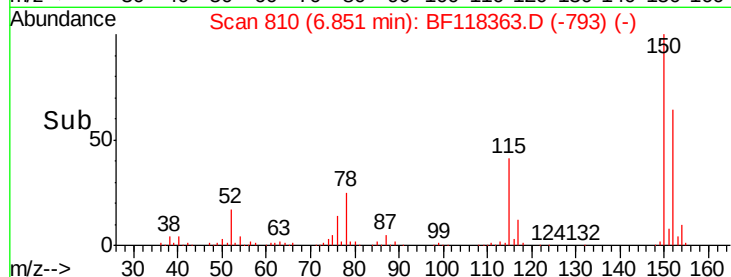
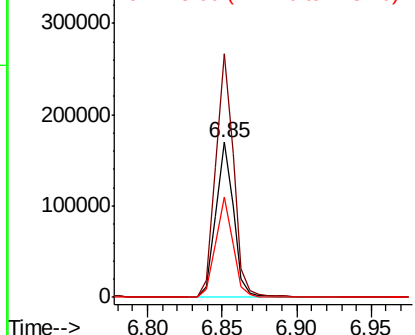
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 810
Delta R.T. -0.00 min
Lab File: BF118363.D
Acq: 28 Dec 2019 14:09

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 141890
Ion Ratio Lower Upper
152 100
150 156.9 125.4 188.2
115 64.5 50.2 75.4



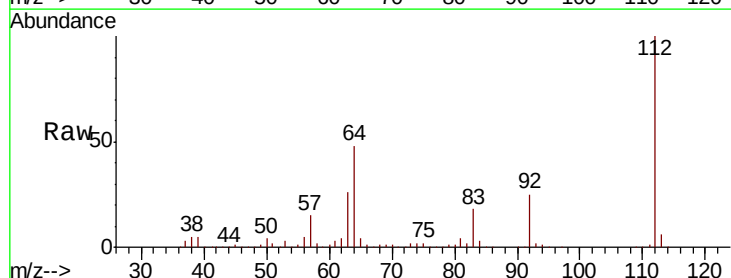
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



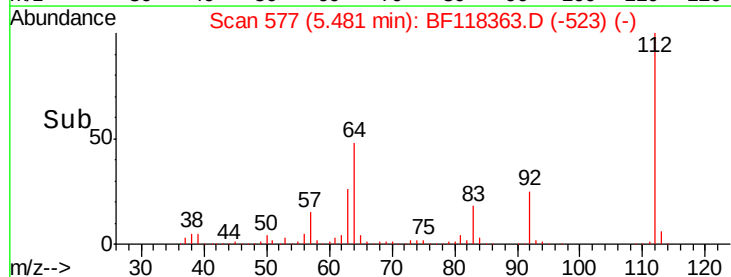
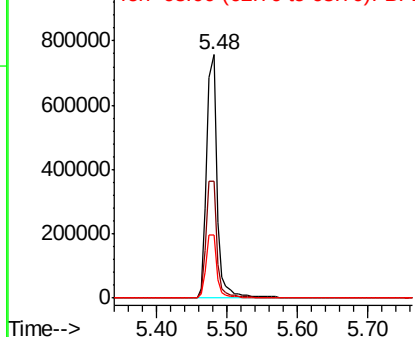
#5

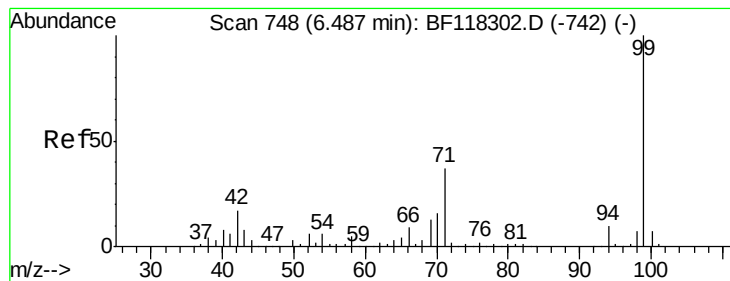
2-Fluorophenol
Concen: 94.338 ng
RT: 5.48 min Scan# 577
Delta R.T. 0.02 min
Lab File: BF118363.D
Acq: 28 Dec 2019 14:09

Tgt Ion:112 Resp: 784165
Ion Ratio Lower Upper
112 100
64 48.0 39.7 59.5
63 25.8 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: 95.908 ng

RT: 6.49 min Scan# 748

Delta R.T. -0.00 min

Lab File: BF118363.D

Acq: 28 Dec 2019 14:09

Instrument :

BNA_F

ClientSampleId :

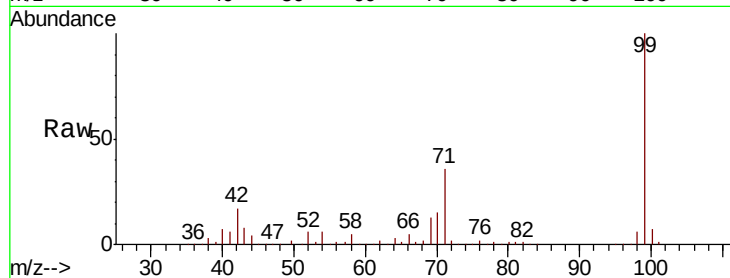
Tot Ion: 99 Resp: 988962

Ion Ratio Lower Upper

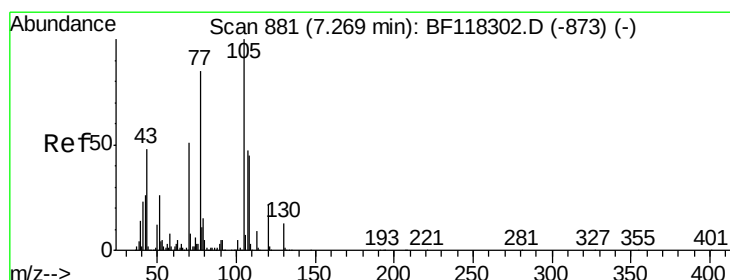
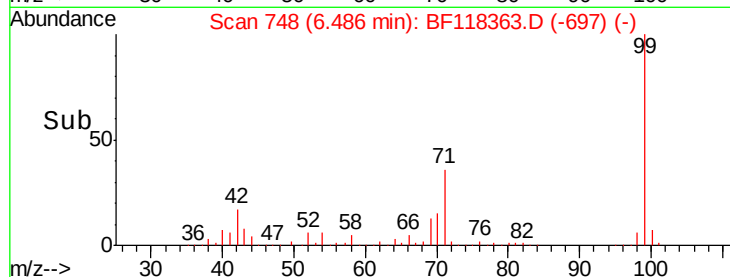
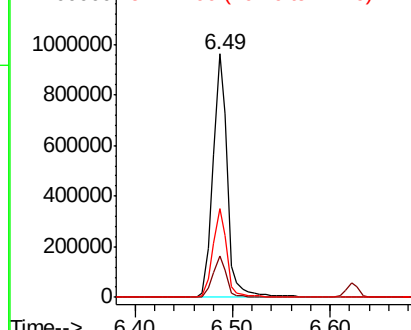
99 100

42 16.8 13.5 20.3

71 36.4 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



#19

n-Nitroso-di-n-propylamine

Concen: 18.182 ng

RT: 7.42 min Scan# 907

Delta R.T. 0.15 min

Lab File: BF118363.D

Acq: 28 Dec 2019 14:09

Tgt Ion: 70 Resp: 115497

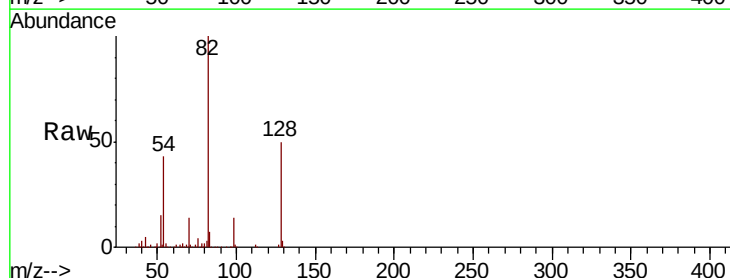
Ion Ratio Lower Upper

70 100

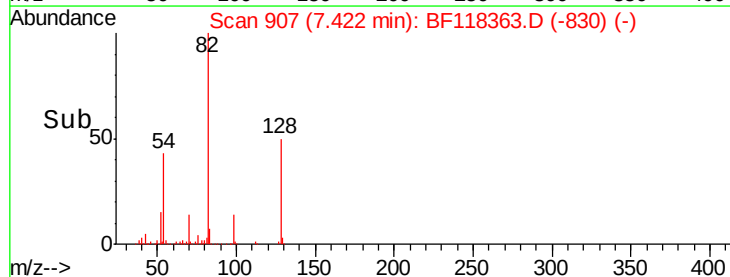
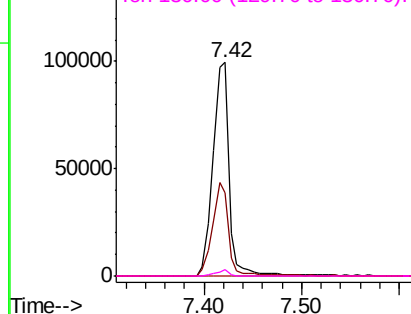
42 39.2 41.1 61.7#

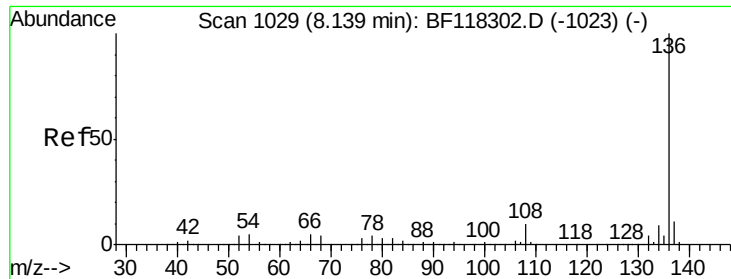
101 0.0 8.3 12.5#

130 2.7 20.1 30.1#



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): BF1
Ion 130.00 (129.70 to 130.70): BF1

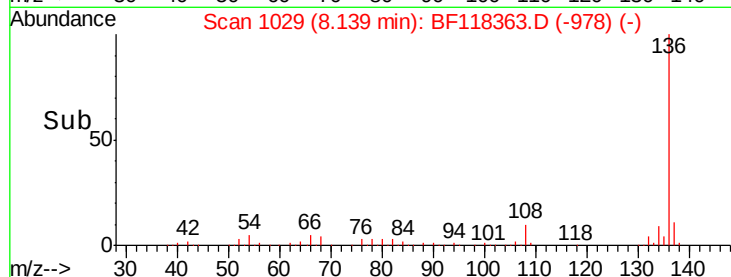
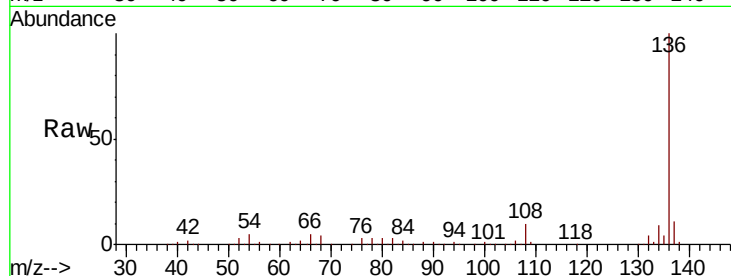




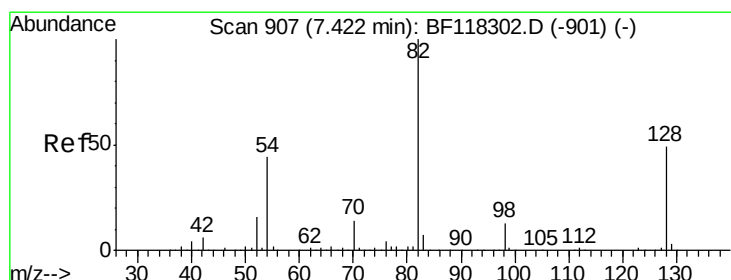
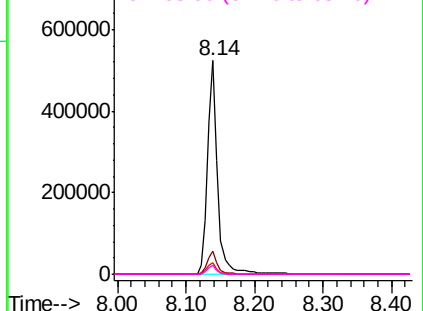
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.14 min Scan# 1029
Delta R.T. -0.00 min
Lab File: BF118363.D
Acq: 28 Dec 2019 14:09

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	136	Resp:	547734
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.9	13.3
54	5.2	4.2	6.4
68	4.4	3.5	5.3

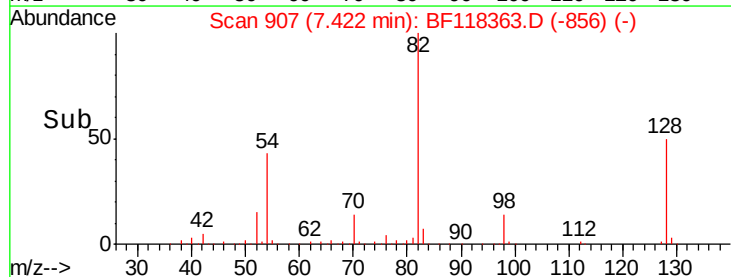
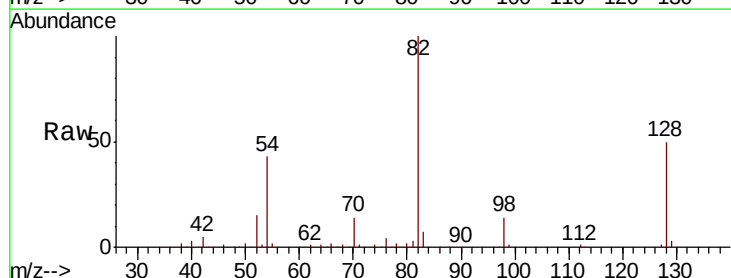


Abundance Ion 136.00 (135.70 to 136.70): E
800000
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

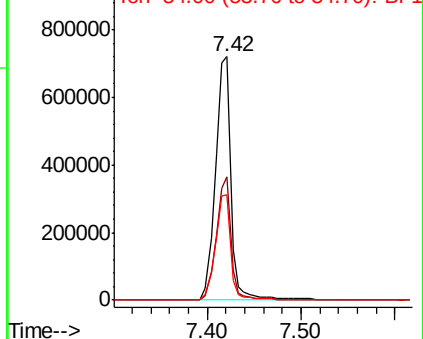


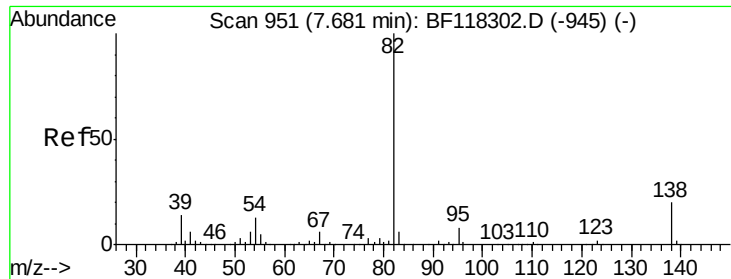
#23
Nitrobenzene-d5
Concen: 88.055 ng
RT: 7.42 min Scan# 907
Delta R.T. -0.00 min
Lab File: BF118363.D
Acq: 28 Dec 2019 14:09

Tgt Ion:	82	Resp:	843267
Ion	Ratio	Lower	Upper
82	100		
128	50.5	39.6	59.4
54	43.4	34.9	52.3



Abundance Ion 82.00 (81.70 to 82.70): BF1
1000000
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1

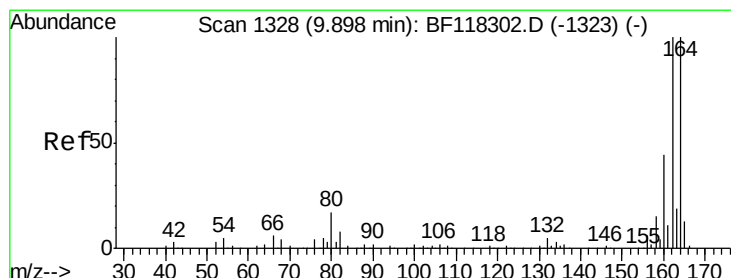
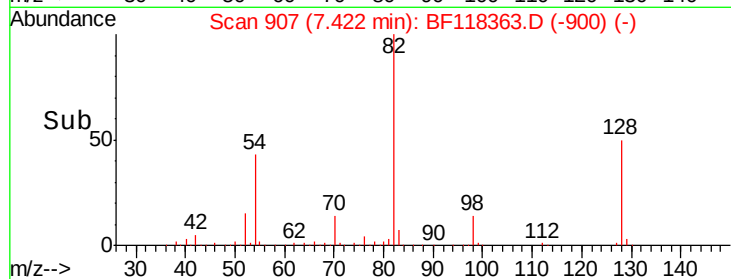
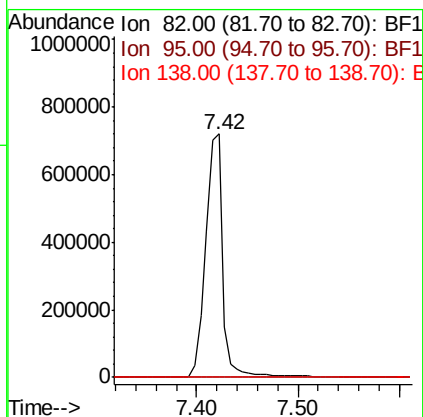
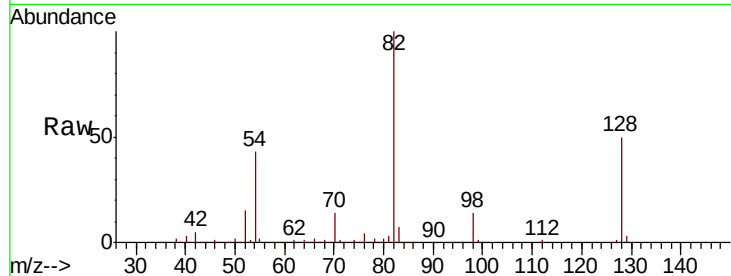




#25
Isophorone
Concen: 49.747 ng
RT: 7.42 min Scan# 907
Delta R.T. -0.26 min
Lab File: BF118363.D
Acq: 28 Dec 2019 14:09

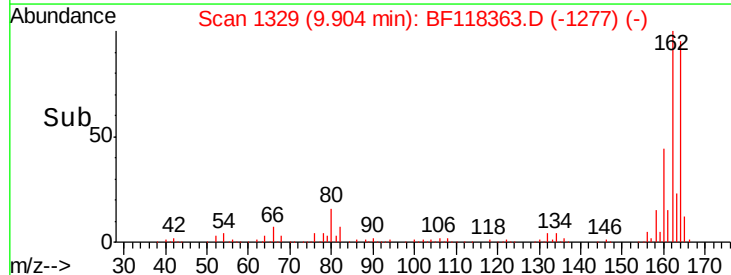
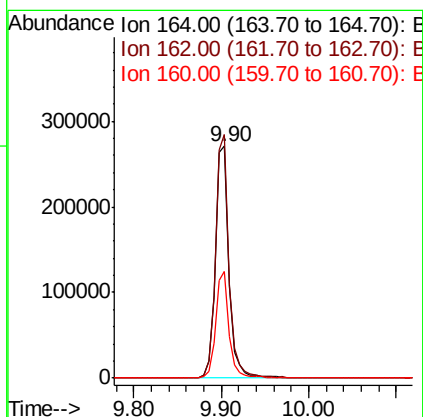
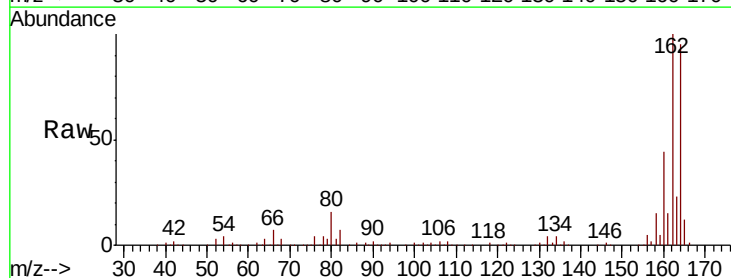
Instrument :
BNA_F
ClientSampled :

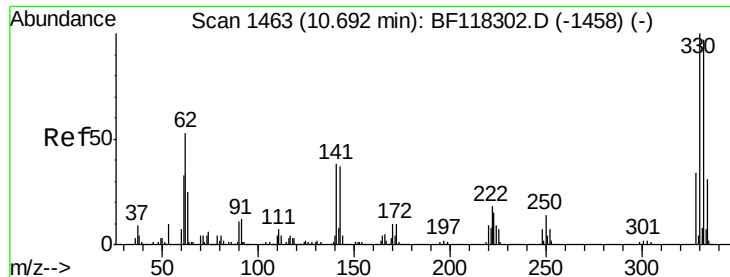
Tot Ion: 82 Resp: 830269
Ion Ratio Lower Upper
82 100
95 0.0 6.3 9.5#
138 0.0 16.2 24.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.90 min Scan# 1329
Delta R.T. 0.01 min
Lab File: BF118363.D
Acq: 28 Dec 2019 14:09

Tgt Ion: 164 Resp: 294650
Ion Ratio Lower Upper
164 100
162 104.9 80.0 120.0
160 45.7 34.8 52.2





#42

2,4,6-Tribromophenol

Concen: 91.731 ng

RT: 10.70 min Scan# 1464

Delta R.T. 0.01 min

Lab File: BF118363.D

Acq: 28 Dec 2019 14:09

Instrument :

BNA_F

ClientSampleId :

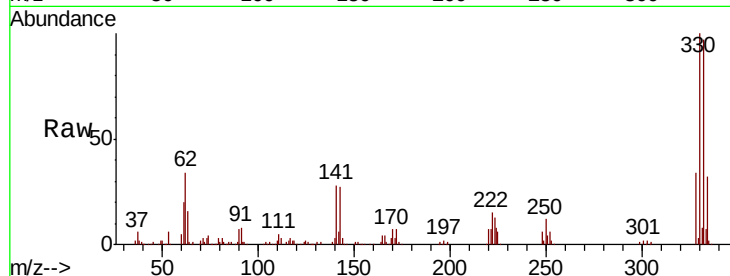
Tot Ion:330 Resp: 333782

Ion Ratio Lower Upper

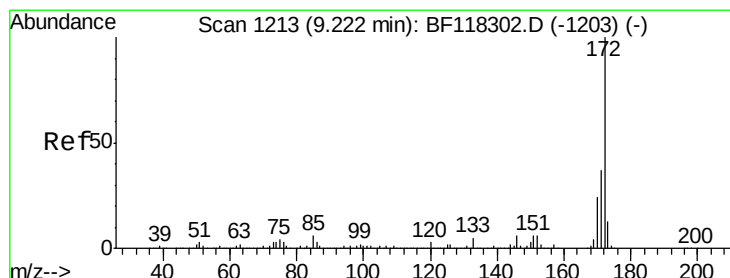
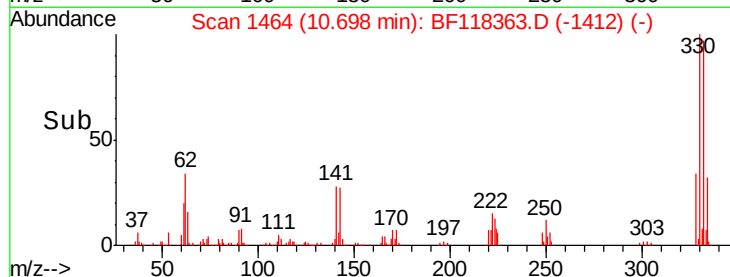
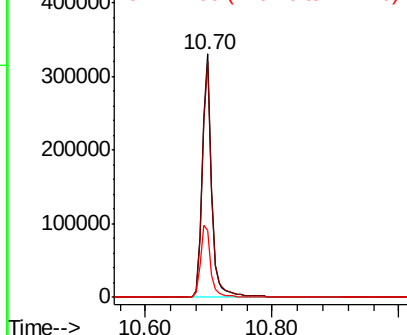
330 100

332 95.9 76.6 114.8

141 32.1 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: 94.635 ng

RT: 9.22 min Scan# 1213

Delta R.T. -0.00 min

Lab File: BF118363.D

Acq: 28 Dec 2019 14:09

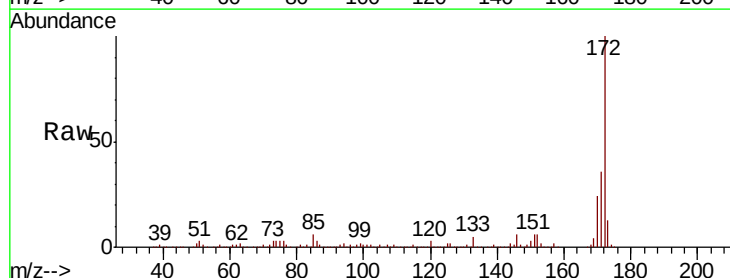
Tgt Ion:172 Resp: 1826718

Ion Ratio Lower Upper

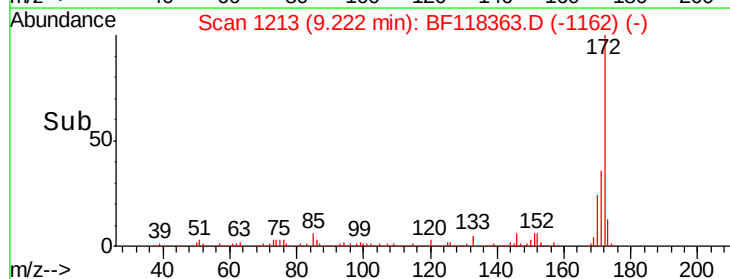
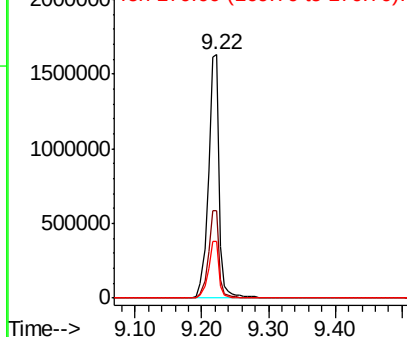
172 100

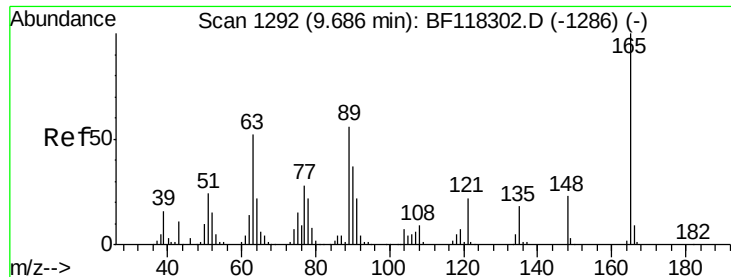
171 36.1 29.3 43.9

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





#51

2,6-Dinitrotoluene

Concen: 8.052 ng

RT: 9.90 min Scan# 1328

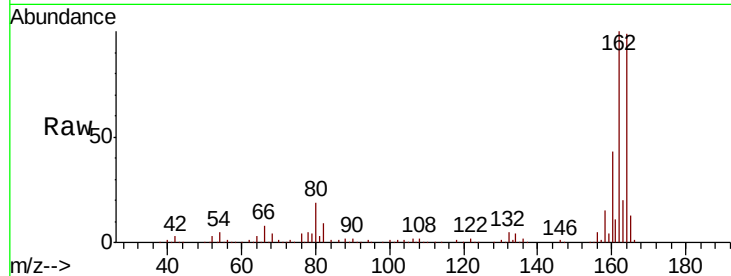
Delta R.T. 0.21 min

Lab File: BF118363.D

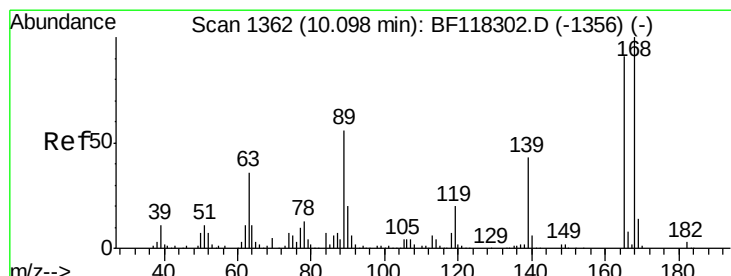
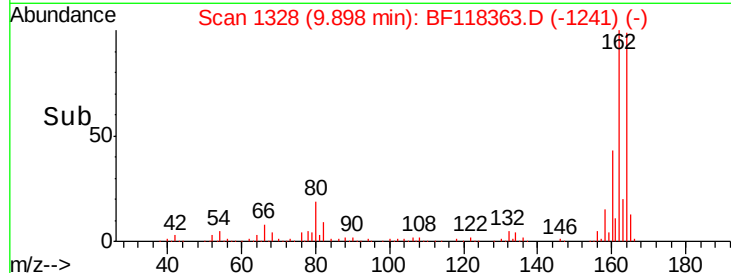
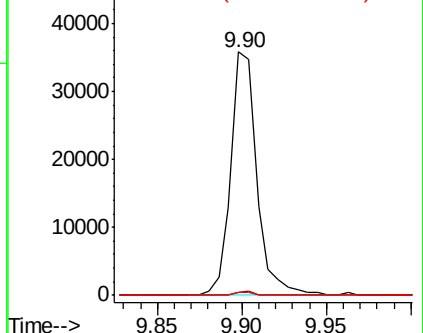
Acq: 28 Dec 2019 14:09

Instrument :
BNA_F
ClientSampleId :

Tot Ion:165	Resp:	38396
Ion Ratio	Lower	Upper
165 100		
63 1.2	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: 6.026 ng

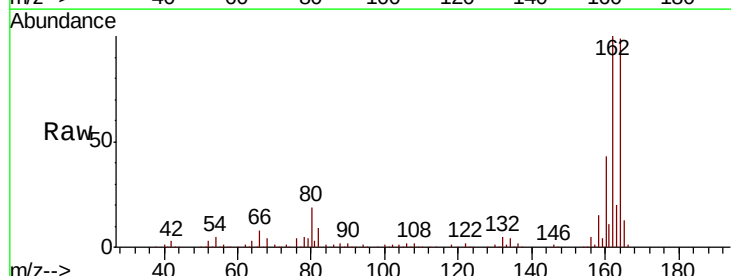
RT: 9.90 min Scan# 1328

Delta R.T. -0.20 min

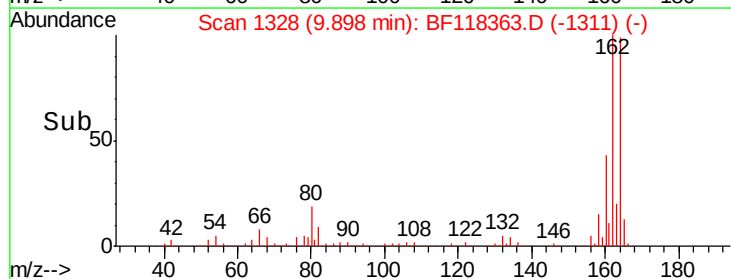
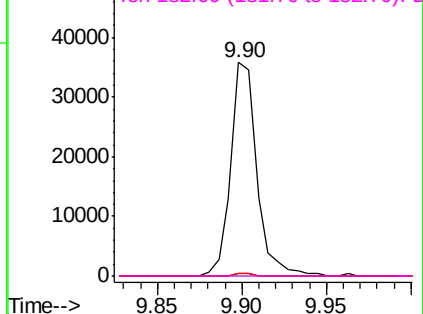
Lab File: BF118363.D

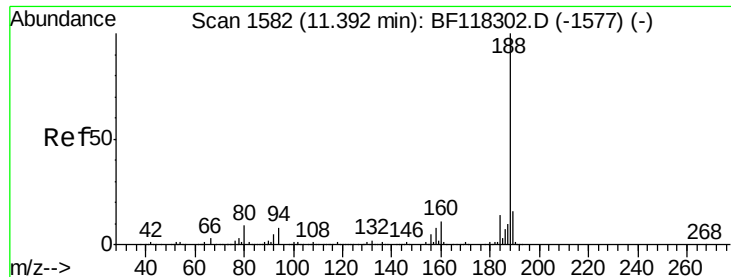
Acq: 28 Dec 2019 14:09

Tgt Ion:165	Resp:	38396
Ion Ratio	Lower	Upper
165 100		
63 1.2	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

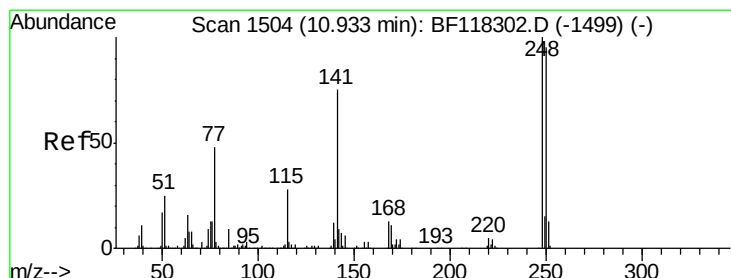
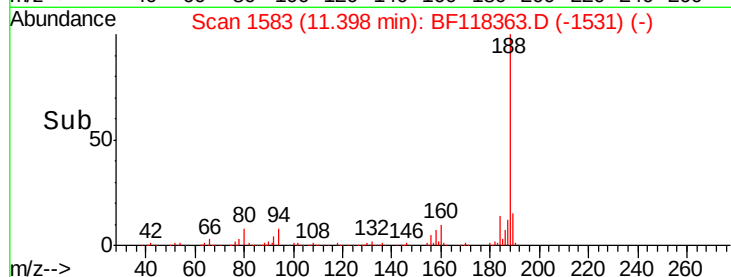
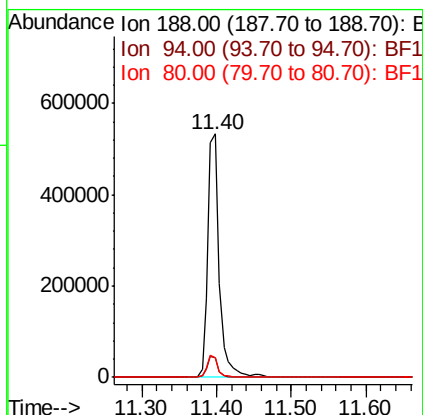
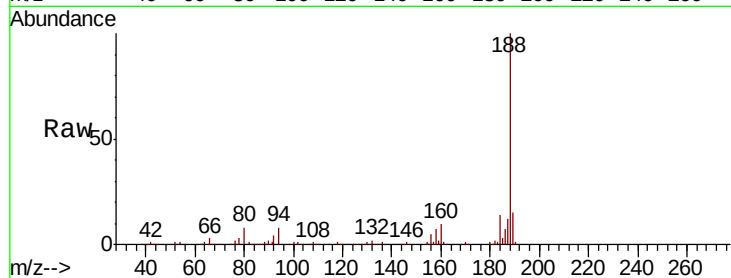




#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.40 min Scan# 1583
 Delta R.T. 0.01 min
 Lab File: BF118363.D
 Acq: 28 Dec 2019 14:09

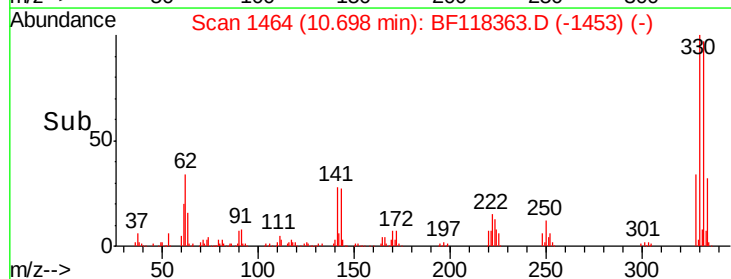
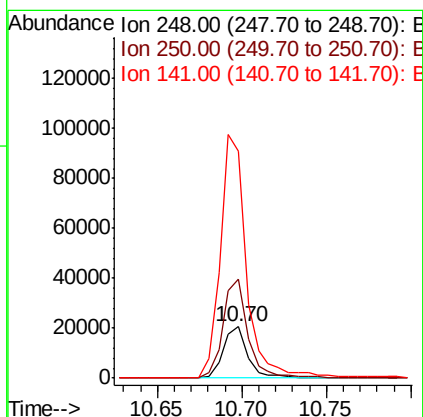
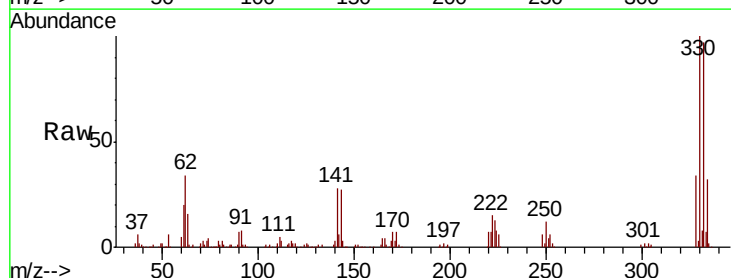
Instrument :
 BNA_F
 ClientSampleId :

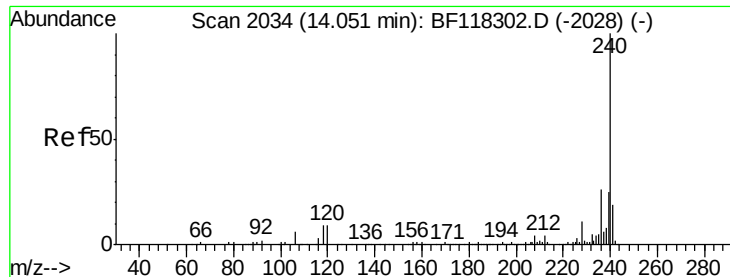
Tot Ion:188 Resp: 574135
 Ion Ratio Lower Upper
 188 100
 94 8.0 6.7 10.1
 80 8.3 7.2 10.8



#67
 4-Bromophenyl-phenylether
 Concen: 3.085 ng
 RT: 10.70 min Scan# 1464
 Delta R.T. -0.24 min
 Lab File: BF118363.D
 Acq: 28 Dec 2019 14:09

Tgt Ion:248 Resp: 20725
 Ion Ratio Lower Upper
 248 100
 250 194.3 76.4 114.6#
 141 445.6 60.2 90.2#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.05 min Scan# 2034

Delta R.T. -0.00 min

Lab File: BF118363.D

Acq: 28 Dec 2019 14:09

Instrument :

BNA_F

ClientSampleId :

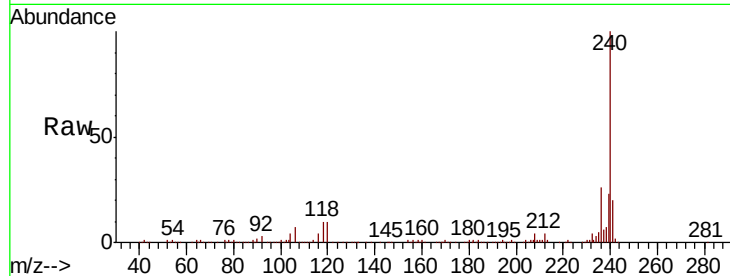
Tot Ion:240 Resp: 353573

Ion Ratio Lower Upper

240 100

120 10.4 7.1 10.7

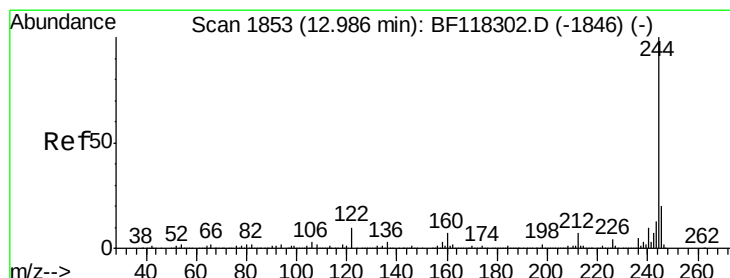
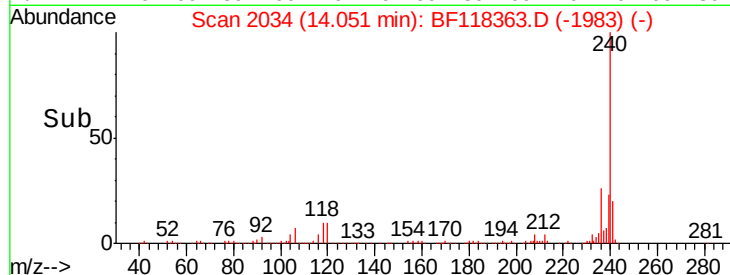
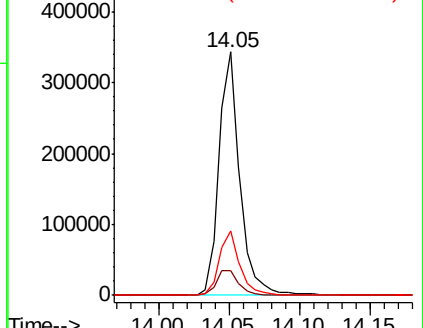
236 26.3 21.0 31.6



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



#79

Terphenyl-d14

Concen: 101.022 ng

RT: 12.99 min Scan# 1853

Delta R.T. -0.00 min

Lab File: BF118363.D

Acq: 28 Dec 2019 14:09

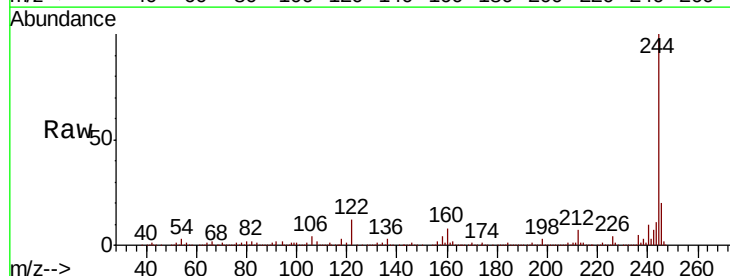
Tgt Ion:244 Resp: 2152978

Ion Ratio Lower Upper

244 100

212 7.1 5.4 8.2

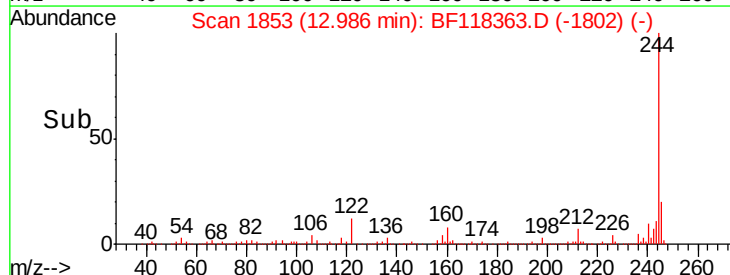
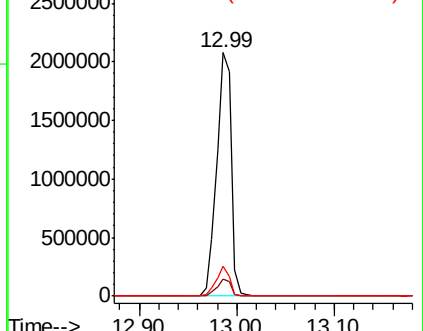
122 12.4 7.8 11.8#

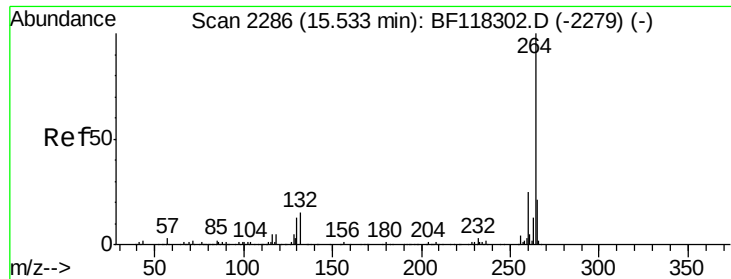


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

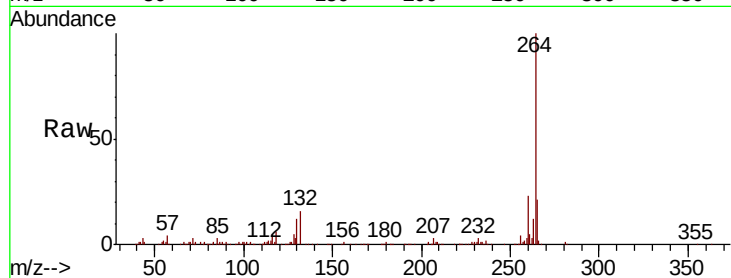




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.54 min Scan# 2288
Delta R.T. 0.01 min
Lab File: BF118363.D
Acq: 28 Dec 2019 14:09

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.8	29.6
265	21.2	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

