

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121919\
 Data File : BF118288.D
 Acq On : 19 Dec 2019 19:25
 Operator : JU
 Sample : K6317-10
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 20 02:14:22 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

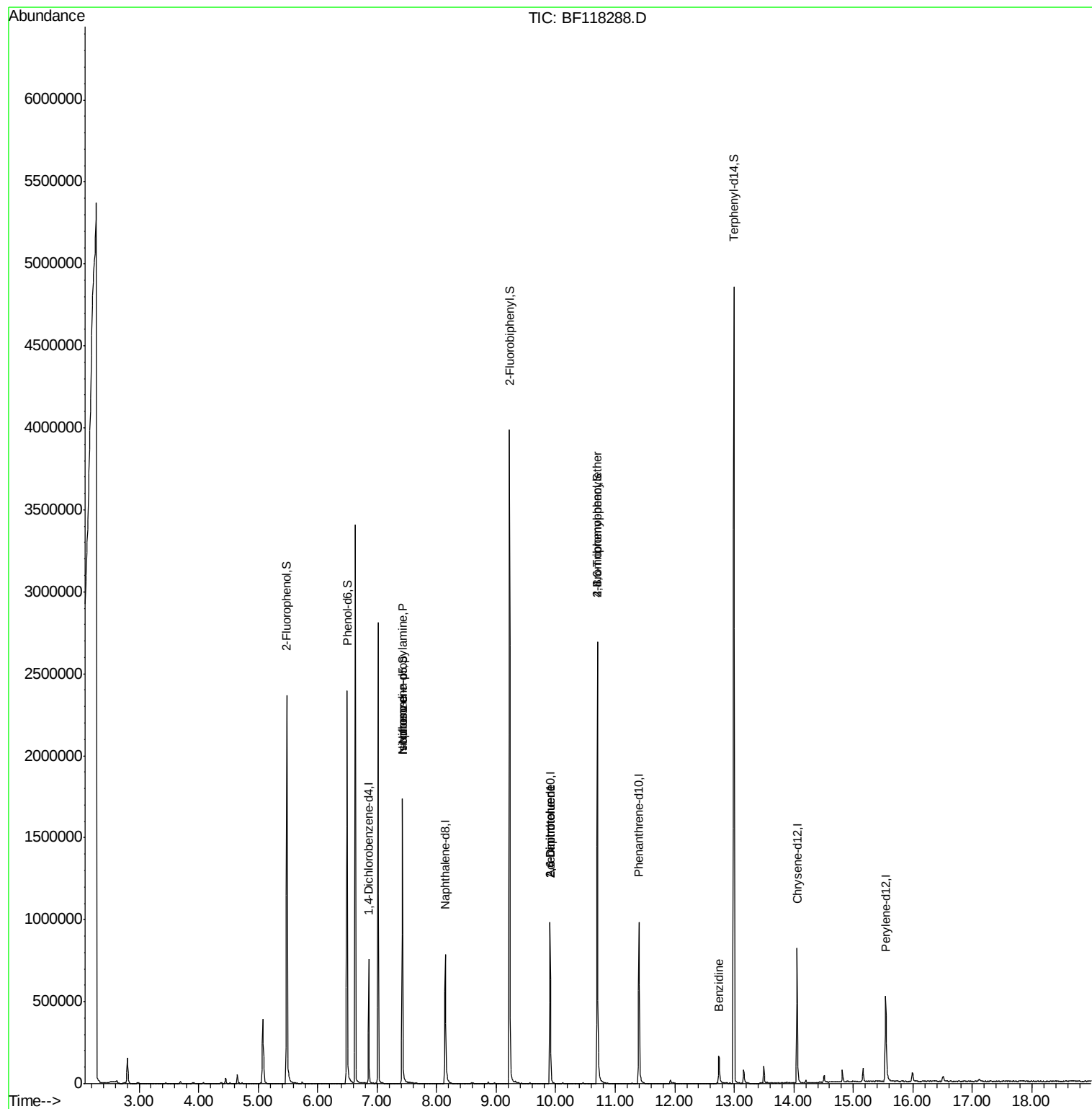
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	103479	20.00	ng	-0.01
21) Naphthalene-d8	8.15	136	401941	20.00	ng	-0.01
39) Acenaphthene-d10	9.90	164	209719	20.00	ng	-0.02
64) Phenanthrene-d10	11.40	188	404822	20.00	ng	-0.01
76) Chrysene-d12	14.05	240	309990	20.00	ng	-0.02
87) Perylene-d12	15.54	264	285276	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	753584	127.55	ng	0.00
7) Phenol-d6	6.49	99	835332	116.89	ng	0.00
23) Nitrobenzene-d5	7.42	82	633923	88.73	ng	-0.02
42) 2,4,6-Tribromophenol	10.70	330	383912	150.69	ng	-0.02
45) 2-Fluorobiphenyl	9.22	172	1251846	90.83	ng	-0.02
79) Terphenyl-d14	12.99	244	1762695	97.78	ng	-0.01
Target Compounds						
9) Benzaldehyde	6.49	77	1249	Below Cal	Qvalue #	1
19) n-Nitroso-di-n-propylamine	7.42	70	85918	19.786 ng	#	78
25) Isophorone	7.42	82	633920	52.340 ng	#	62
51) 2,6-Dinitrotoluene	9.90	165	25613	7.604 ng	#	28
57) 2,4-Dinitrotoluene	9.90	165	25613	5.697 ng	#	26
67) 4-Bromophenyl-phenylether	10.70	248	23759	5.141 ng	#	1
77) Benzidine	12.74	184	94925	11.632 ng		98

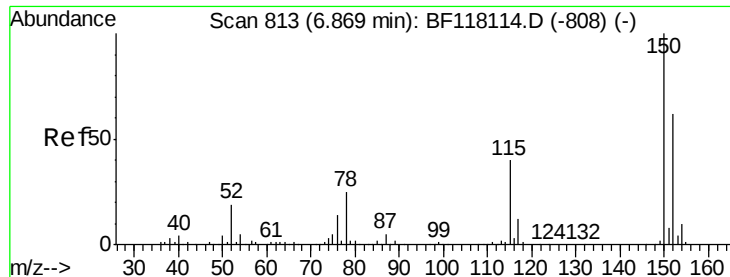
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121919\
Data File : BF118288.D
Acq On : 19 Dec 2019 19:25
Operator : JU
Sample : K6317-10
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Dec 20 02:14:22 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



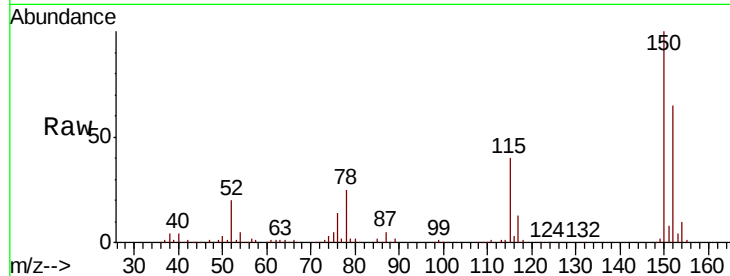


#1

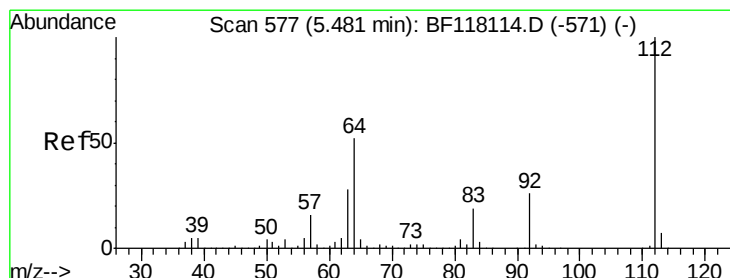
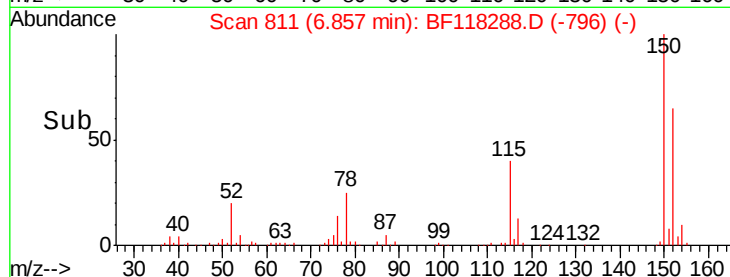
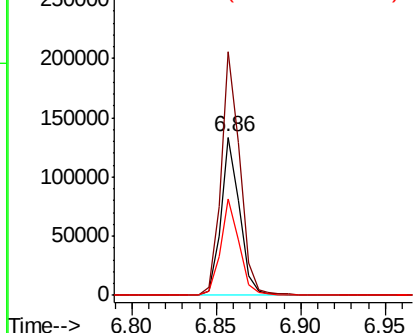
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 811
Delta R.T. -0.01 min
Lab File: BF118288.D
Acq: 19 Dec 2019 19:25

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 103479
Ion Ratio Lower Upper
152 100
150 154.0 128.3 192.5
115 61.2 51.1 76.7



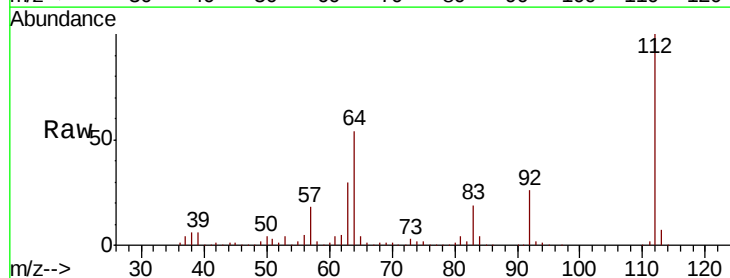
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



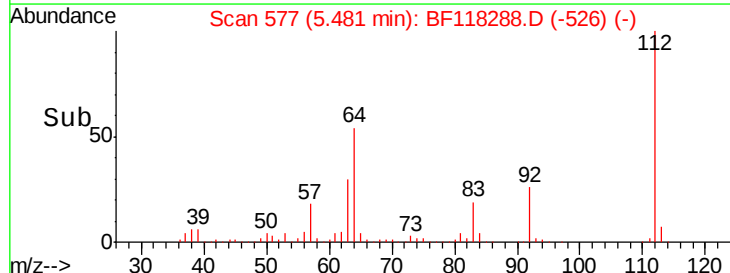
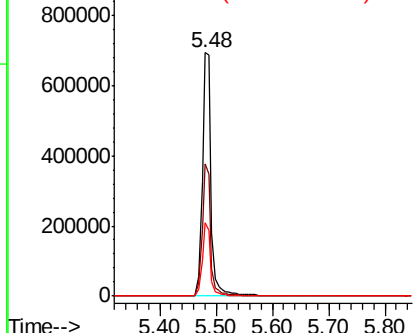
#5

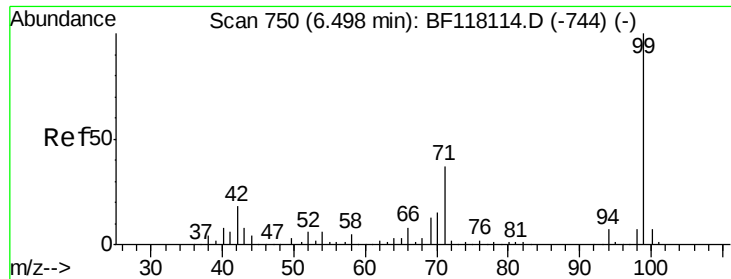
2-Fluorophenol
Concen: 127.550 ng
RT: 5.48 min Scan# 577
Delta R.T. 0.00 min
Lab File: BF118288.D
Acq: 19 Dec 2019 19:25

Tgt Ion:112 Resp: 753584
Ion Ratio Lower Upper
112 100
64 54.5 41.3 61.9
63 29.9 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: 116.894 ng

RT: 6.49 min Scan# 749

Delta R.T. -0.01 min

Lab File: BF118288.D

Acq: 19 Dec 2019 19:25

Instrument :

BNA_F

ClientSampled :

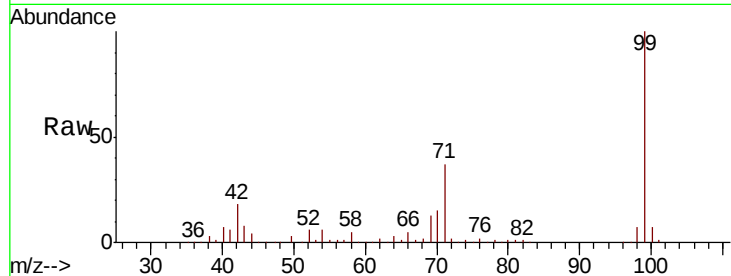
Tot Ion: 99 Resp: 835332

Ion Ratio Lower Upper

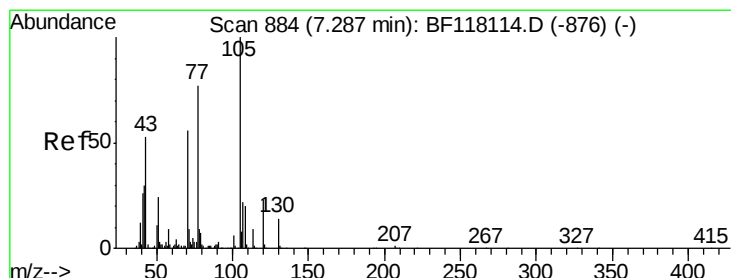
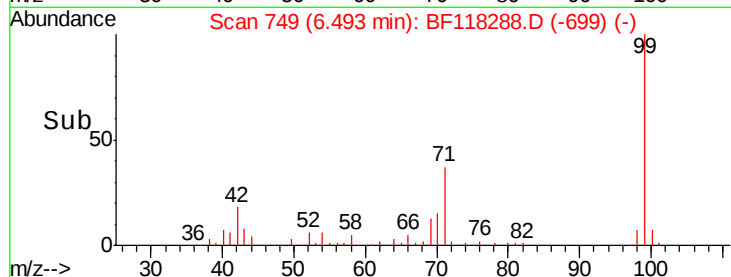
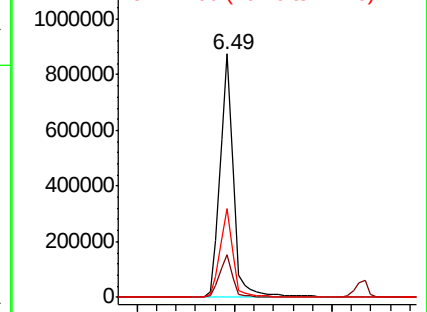
99 100

42 17.5 14.1 21.1

71 36.7 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: 19.786 ng

RT: 7.42 min Scan# 907

Delta R.T. 0.14 min

Lab File: BF118288.D

Acq: 19 Dec 2019 19:25

Tgt Ion: 70 Resp: 85918

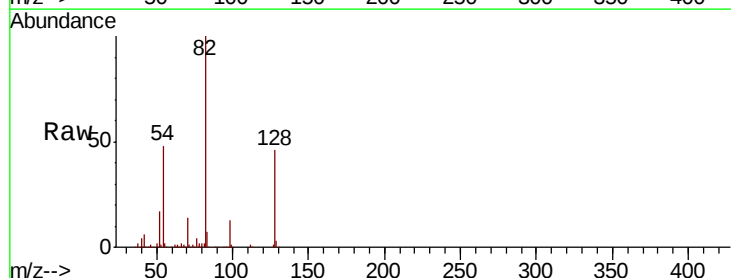
Ion Ratio Lower Upper

70 100

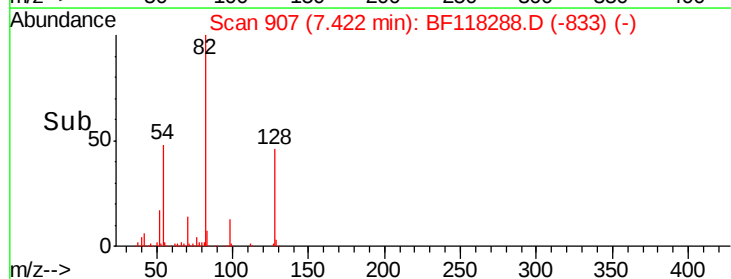
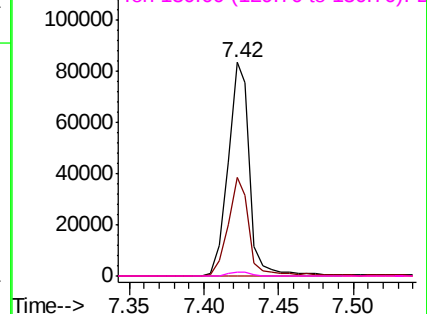
42 46.3 43.2 64.8

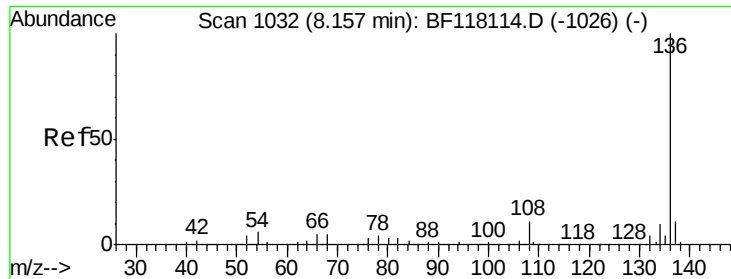
101 0.0 8.1 12.1#

130 2.1 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): BF1
Ion 130.00 (129.70 to 130.70): BF1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.15 min Scan# 1030

Delta R.T. -0.01 min

Lab File: BF118288.D

Acq: 19 Dec 2019 19:25

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 401941

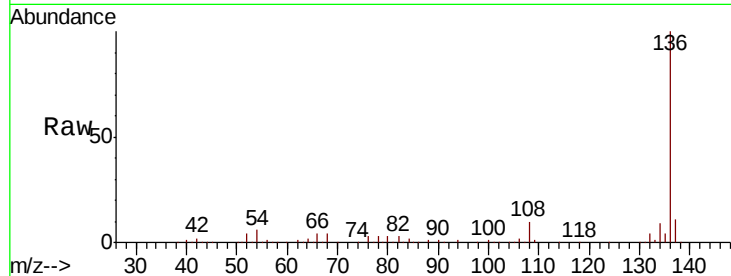
Ion Ratio Lower Upper

136 100

137 10.7 9.0 13.6

54 5.8 5.0 7.6

68 4.3 3.8 5.8

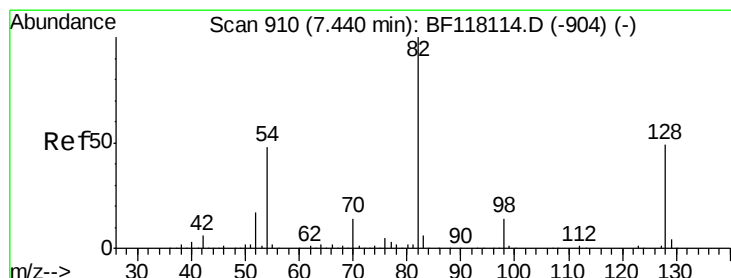
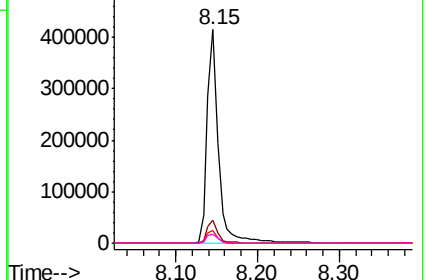
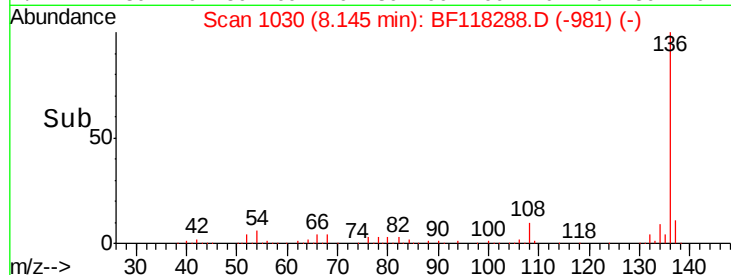


Abundance Ion 136.00 (135.70 to 136.70): E

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: 88.727 ng

RT: 7.42 min Scan# 907

Delta R.T. -0.02 min

Lab File: BF118288.D

Acq: 19 Dec 2019 19:25

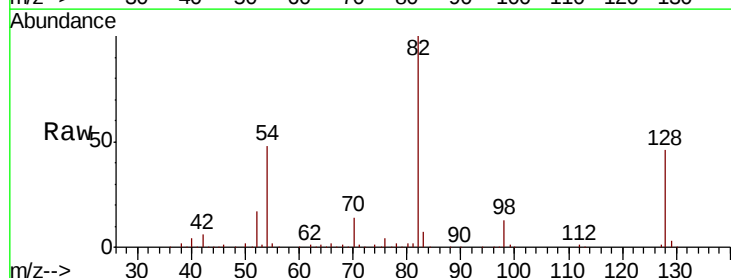
Tgt Ion: 82 Resp: 633923

Ion Ratio Lower Upper

82 100

128 46.4 39.1 58.7

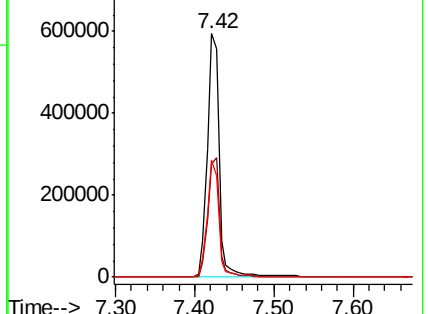
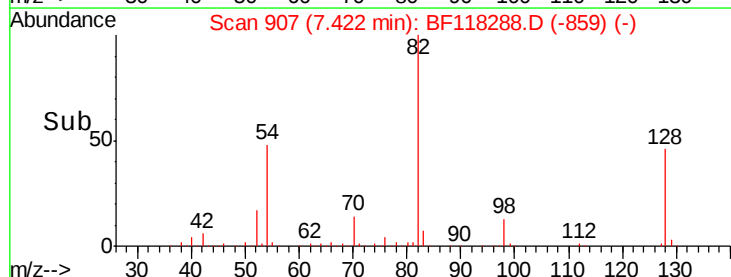
54 48.1 38.2 57.2

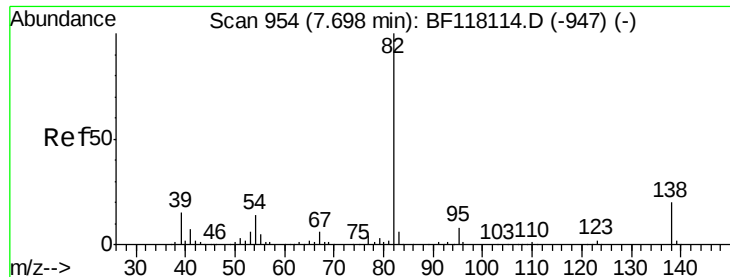


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 52.340 ng

RT: 7.42 min Scan# 907

Delta R.T. -0.28 min

Lab File: BF118288.D

Acq: 19 Dec 2019 19:25

Instrument :

BNA_F

ClientSampleId :

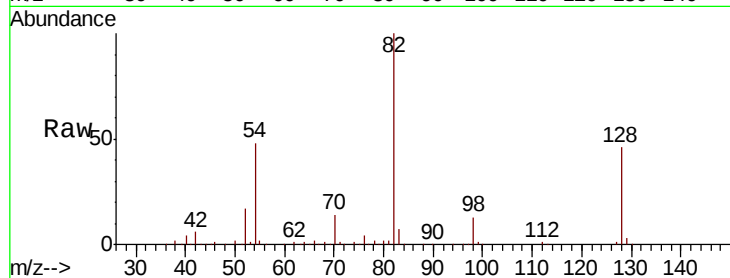
Tot Ion: 82 Resp: 633920

Ion Ratio Lower Upper

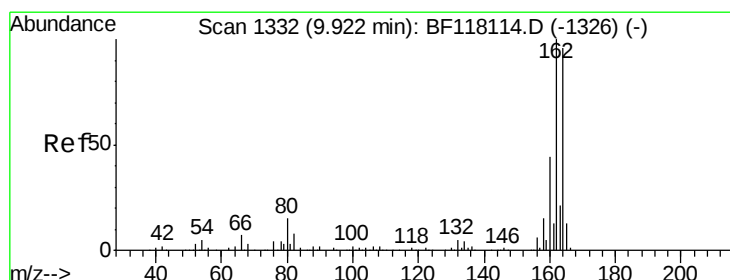
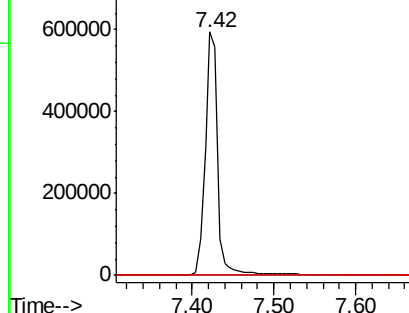
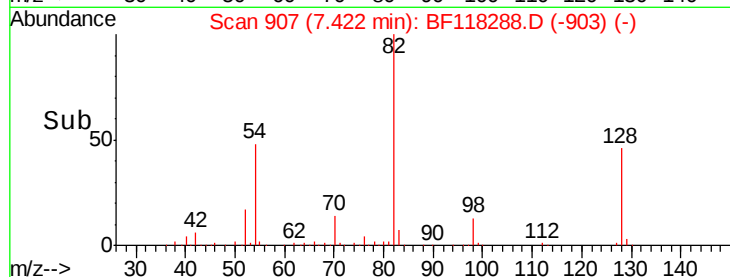
82 100

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): E



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.90 min Scan# 1329

Delta R.T. -0.02 min

Lab File: BF118288.D

Acq: 19 Dec 2019 19:25

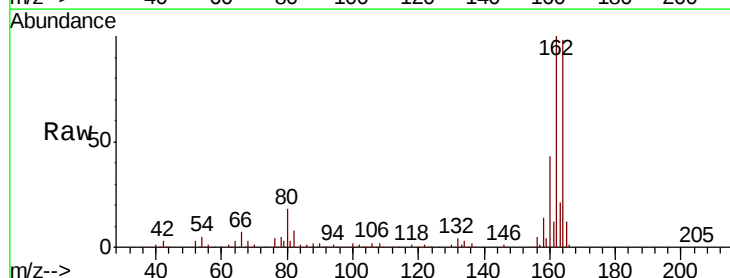
Tgt Ion:164 Resp: 209719

Ion Ratio Lower Upper

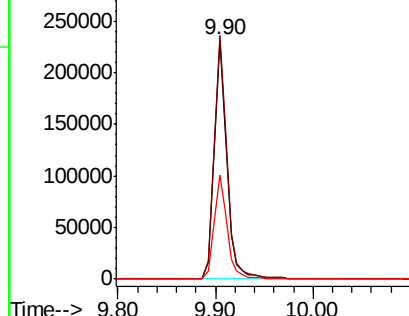
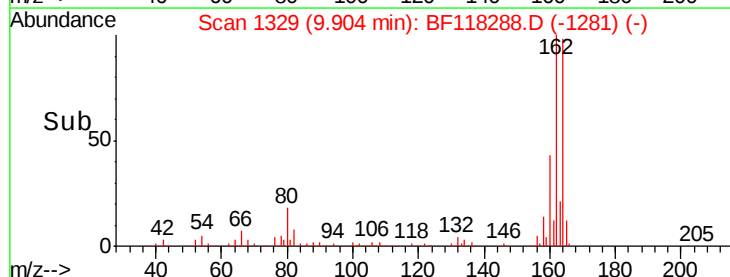
164 100

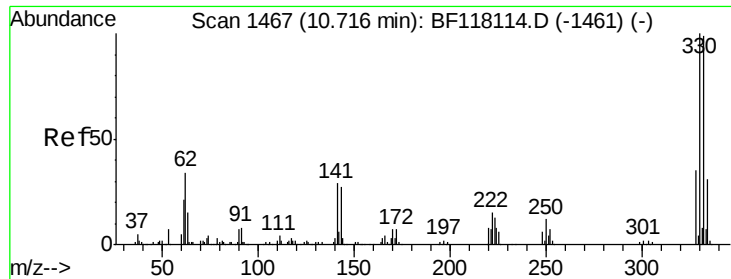
162 101.9 83.4 125.0

160 43.6 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

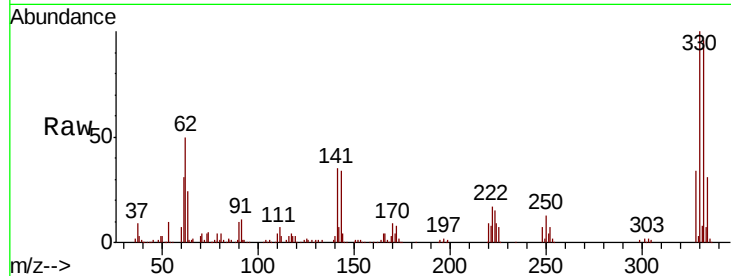




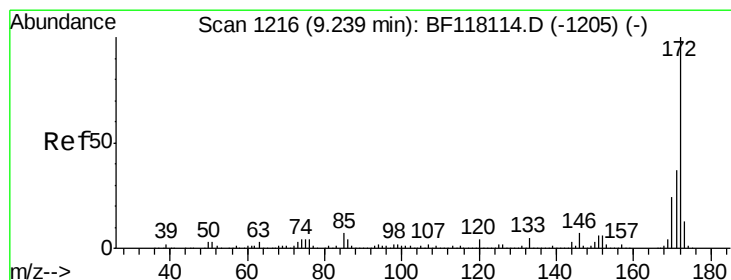
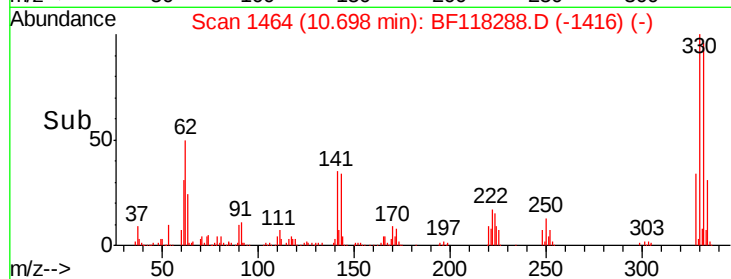
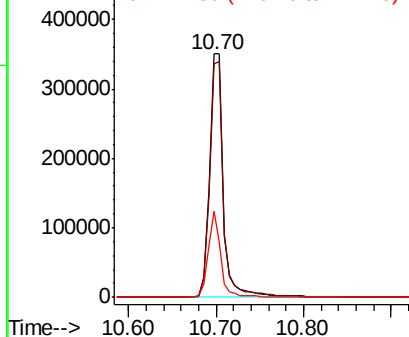
#42
 2,4,6-Tribromophenol
 Concen: 150.689 ng
 RT: 10.70 min Scan# 1464
 Delta R.T. -0.02 min
 Lab File: BF118288.D
 Acq: 19 Dec 2019 19:25

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 383912
 Ion Ratio Lower Upper
 330 100
 332 96.6 78.1 117.1
 141 32.3 26.9 40.3

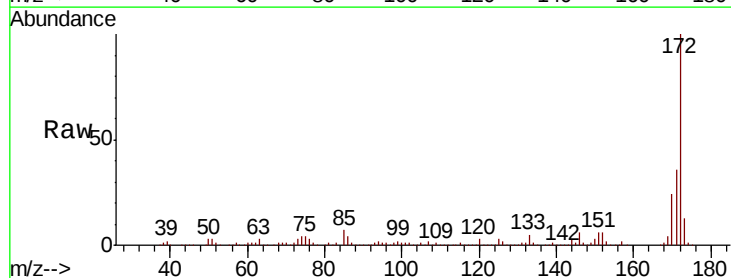


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

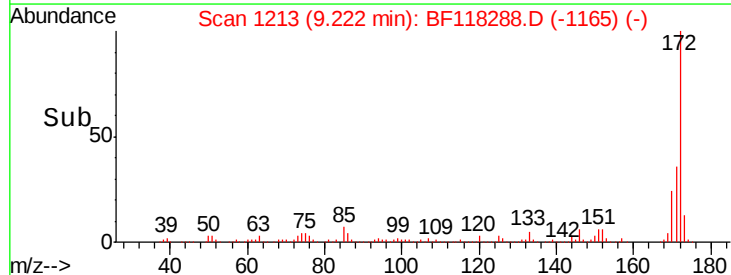
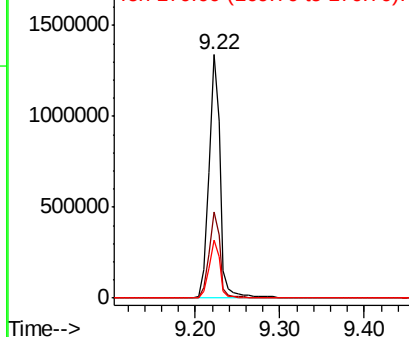


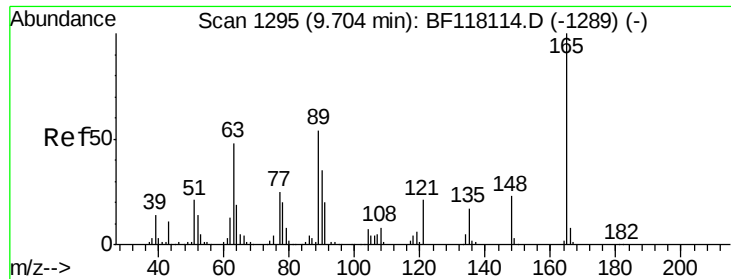
#45
 2-Fluorobiphenyl
 Concen: 90.829 ng
 RT: 9.22 min Scan# 1213
 Delta R.T. -0.02 min
 Lab File: BF118288.D
 Acq: 19 Dec 2019 19:25

Tgt Ion:172 Resp: 1251846
 Ion Ratio Lower Upper
 172 100
 171 35.6 29.2 43.8
 170 23.8 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

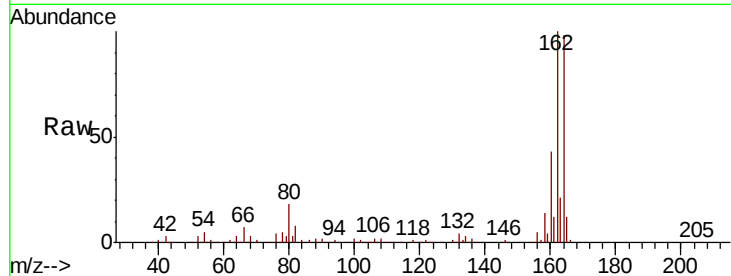




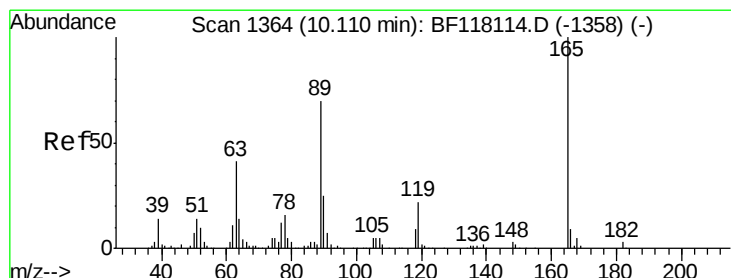
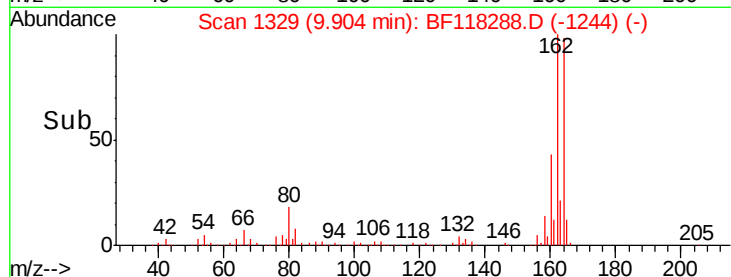
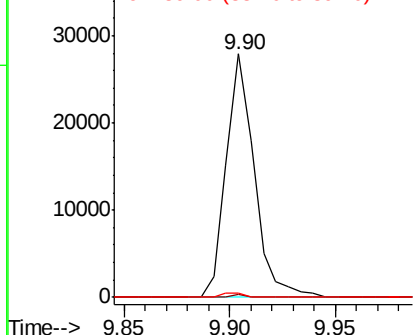
#51
 2,6-Dinitrotoluene
 Concen: 7.604 ng
 RT: 9.90 min Scan# 1329
 Delta R.T. 0.20 min
 Lab File: BF118288.D
 Acq: 19 Dec 2019 19:25

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.4	41.4	62.0#
89	1.6	42.9	64.3#



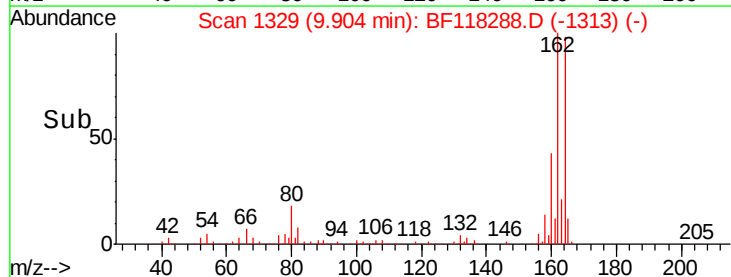
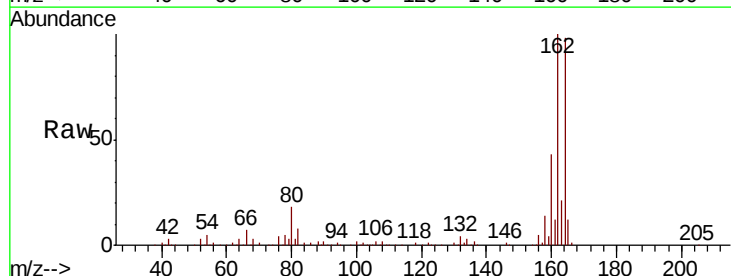
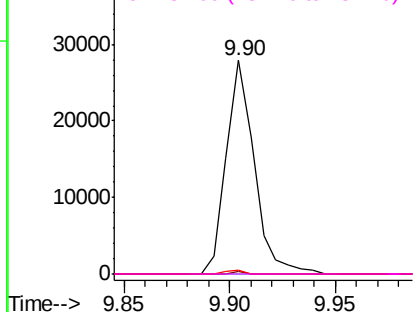
Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

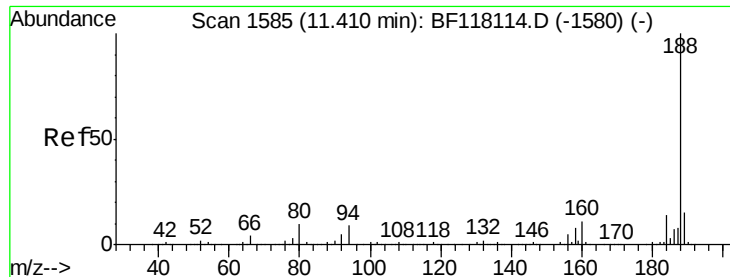


#57
 2,4-Dinitrotoluene
 Concen: 5.697 ng
 RT: 9.90 min Scan# 1329
 Delta R.T. -0.21 min
 Lab File: BF118288.D
 Acq: 19 Dec 2019 19:25

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.4	32.6	49.0#
89	1.6	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

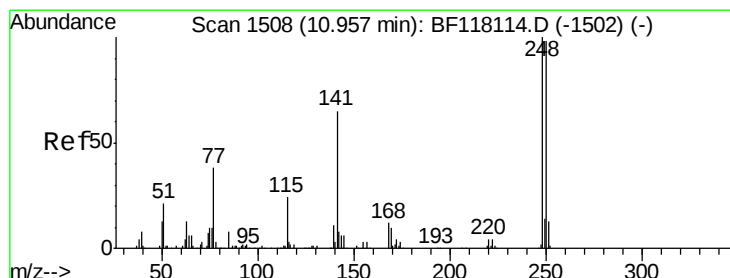
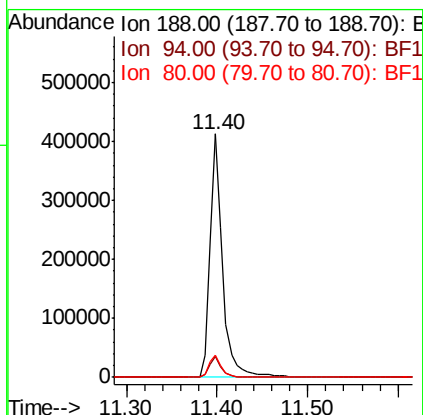
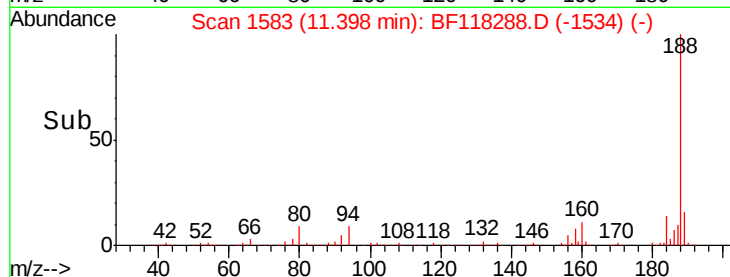
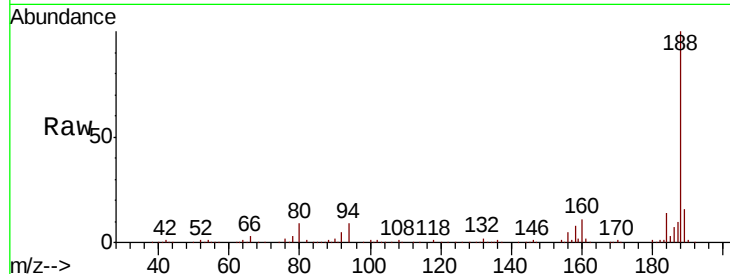




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1583
Delta R.T. -0.01 min
Lab File: BF118288.D
Acq: 19 Dec 2019 19:25

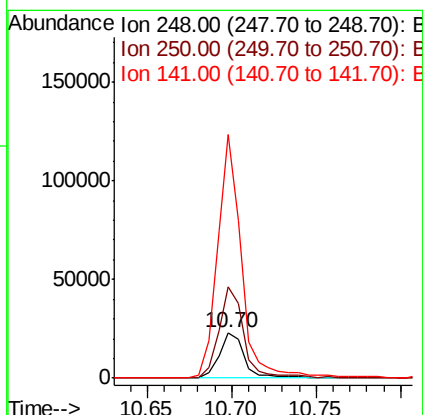
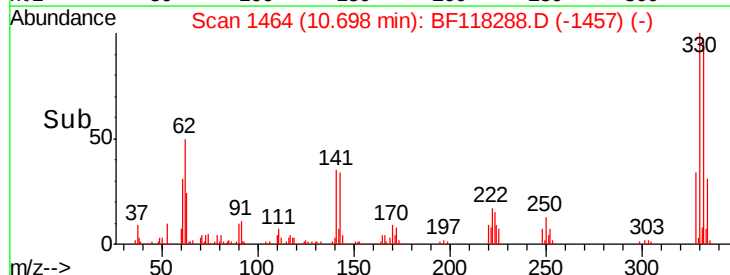
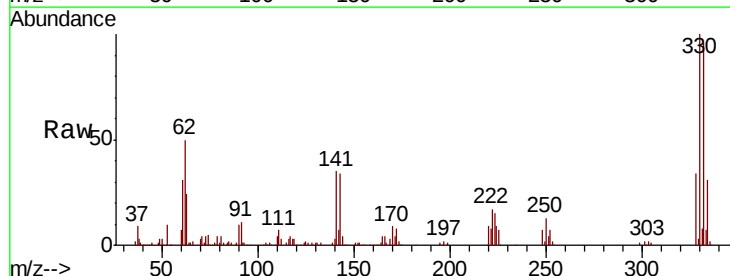
Instrument :
BNA_F
ClientSampleId :

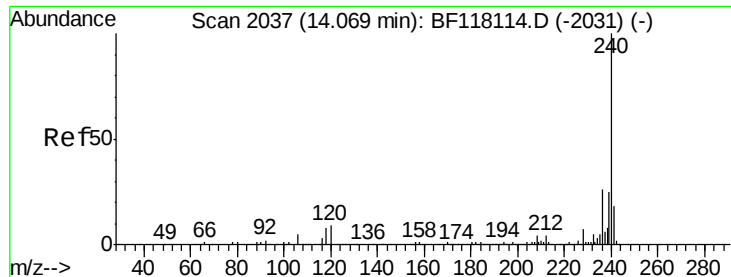
Tot Ion:188 Resp: 404822
Ion Ratio Lower Upper
188 100
94 8.6 7.1 10.7
80 9.2 7.9 11.9



#67
4-Bromophenyl-phenylether
Concen: 5.141 ng
RT: 10.70 min Scan# 1464
Delta R.T. -0.26 min
Lab File: BF118288.D
Acq: 19 Dec 2019 19:25

Tgt Ion:248 Resp: 23759
Ion Ratio Lower Upper
248 100
250 202.5 78.3 117.5#
141 538.6 52.2 78.4#

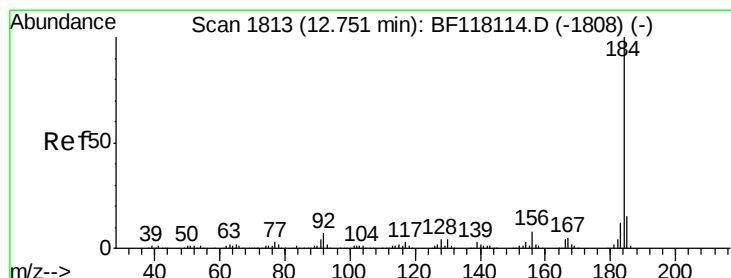
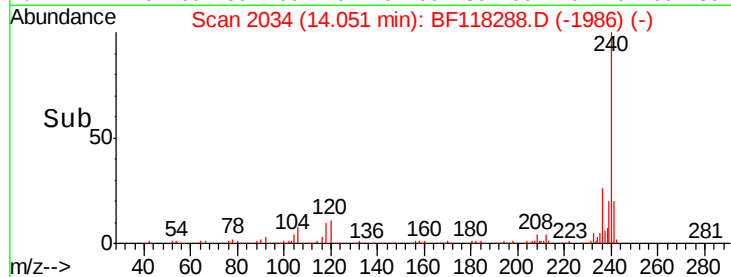
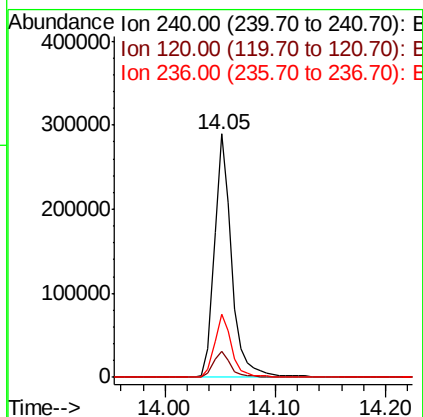
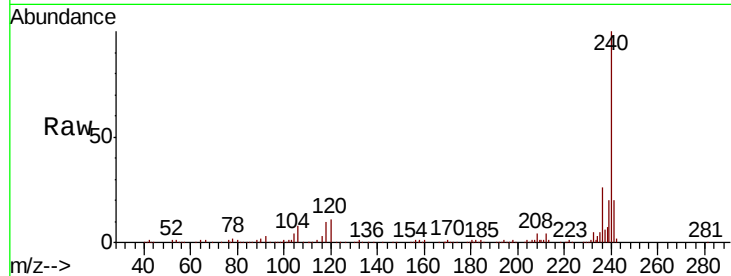




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.05 min Scan# 2034
 Delta R.T. -0.02 min
 Lab File: BF118288.D
 Acq: 19 Dec 2019 19:25

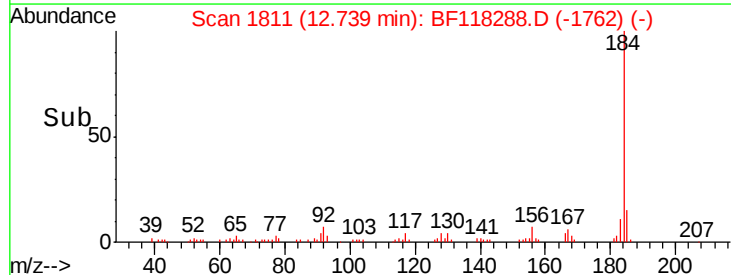
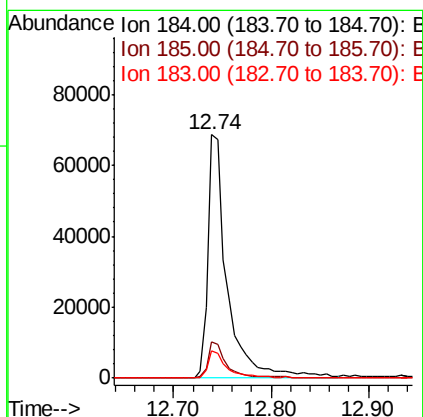
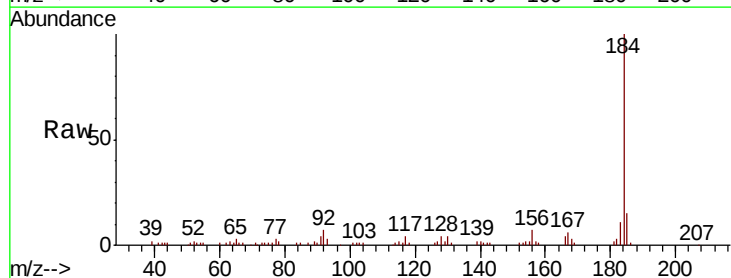
Instrument :
 BNA_F
 ClientSampleId :

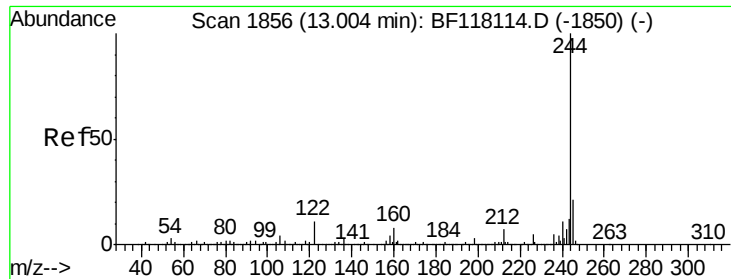
Tot Ion:240 Resp: 309990
 Ion Ratio Lower Upper
 240 100
 120 10.9 7.1 10.7#
 236 26.1 21.0 31.6



#77
 Benzidine
 Concen: 11.632 ng
 RT: 12.74 min Scan# 1811
 Delta R.T. -0.01 min
 Lab File: BF118288.D
 Acq: 19 Dec 2019 19:25

Tgt Ion:184 Resp: 94925
 Ion Ratio Lower Upper
 184 100
 185 14.8 12.3 18.5
 183 11.2 9.9 14.9





#79

Terphenyl-d14

Concen: 97.783 ng

RT: 12.99 min Scan# 1854

Delta R.T. -0.01 min

Lab File: BF118288.D

Acq: 19 Dec 2019 19:25

Instrument :

BNA_F

ClientSampleId :

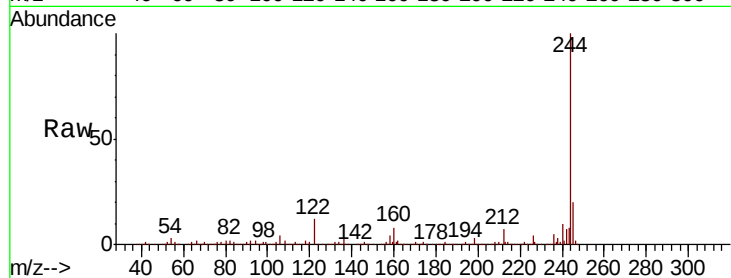
Tot Ion:244 Resp: 1762695

Ion Ratio Lower Upper

244 100

212 6.9 5.9 8.9

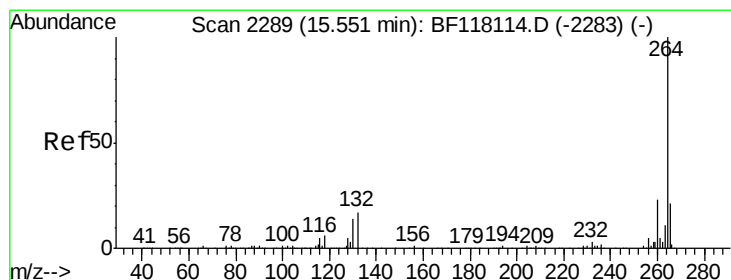
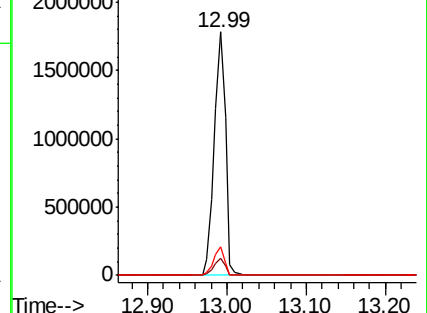
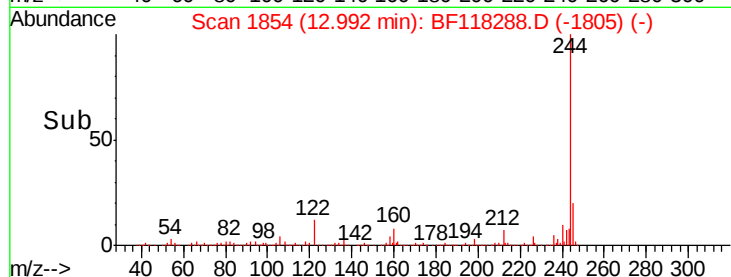
122 11.7 9.0 13.6



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

Perylene-d12

Concen: 20.000 ng

RT: 15.54 min Scan# 2288

Delta R.T. -0.01 min

Lab File: BF118288.D

Acq: 19 Dec 2019 19:25

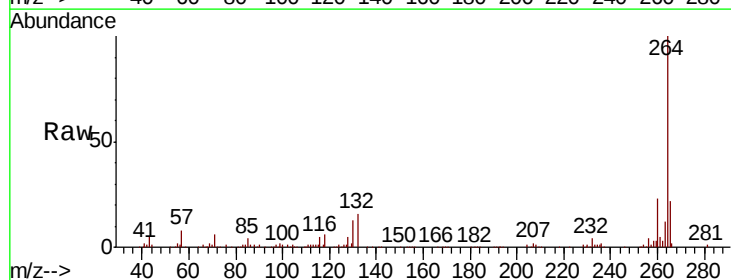
Tgt Ion:264 Resp: 285276

Ion Ratio Lower Upper

264 100

260 23.1 18.6 28.0

265 21.8 16.8 25.2



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

