

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032420\
 Data File : BF119491.D
 Acq On : 24 Mar 2020 15:14
 Operator : CG/JU
 Sample : PB127762BL
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 5TH-STREET-SUBMS

Quant Time: Mar 24 15:47:36 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF031820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 18 15:11:18 2020
 Response via : Initial Calibration

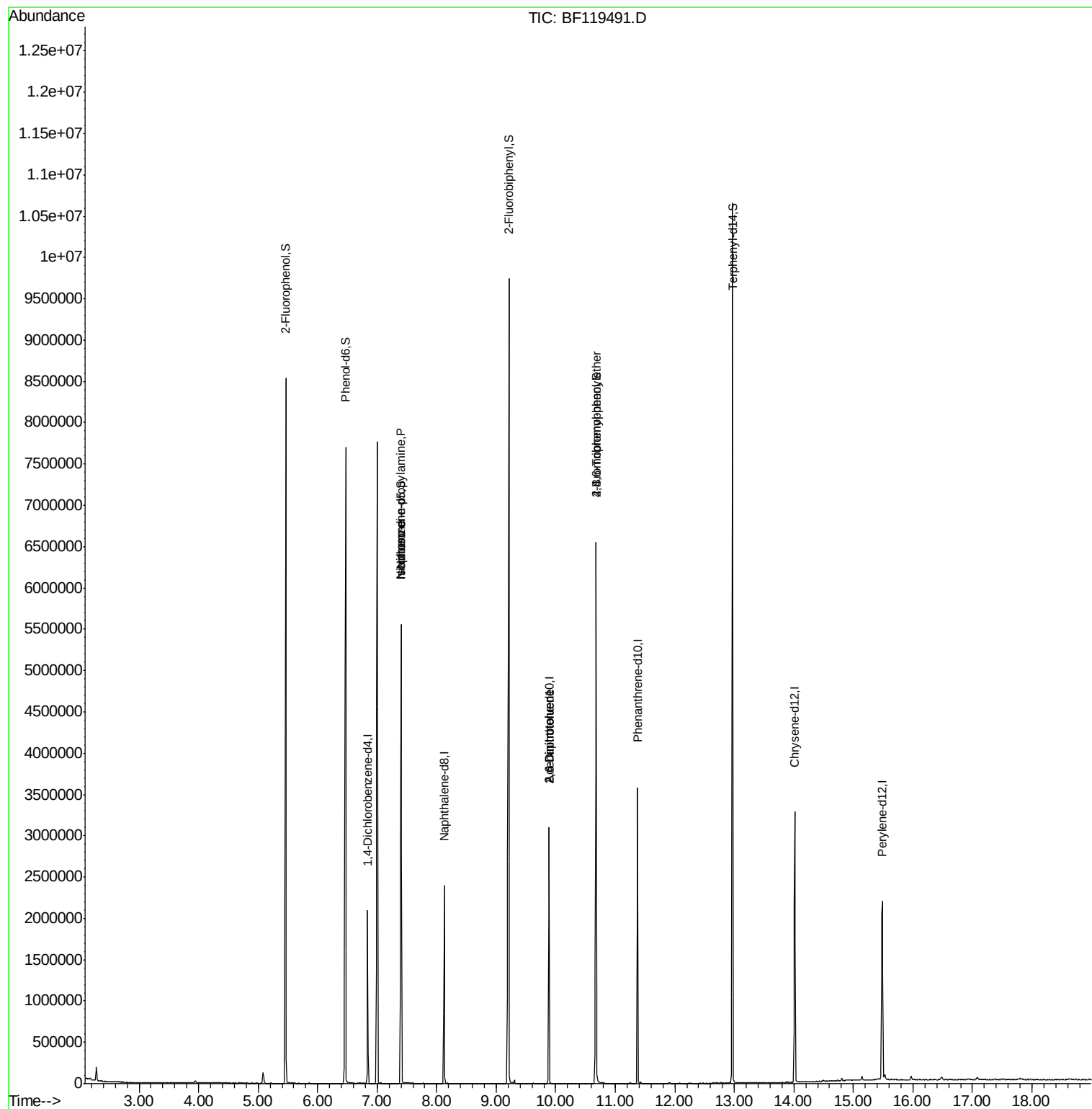
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	306465	20.00	ng	-0.02
21) Naphthalene-d8	8.13	136	1178807	20.00	ng	-0.02
39) Acenaphthene-d10	9.89	164	611353	20.00	ng	-0.02
64) Phenanthrene-d10	11.37	188	1214142	20.00	ng	-0.02
76) Chrysene-d12	14.02	240	1052716	20.00	ng	-0.02
87) Perylene-d12	15.49	264	1046425	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	2447285	127.12	ng	0.00
7) Phenol-d6	6.47	99	3027605	123.11	ng	0.00
23) Nitrobenzene-d5	7.40	82	1935603	89.24	ng	-0.02
42) 2,4,6-Tribromophenol	10.68	330	900846	142.83	ng	-0.01
45) 2-Fluorobiphenyl	9.21	172	3557776	86.21	ng	-0.01
79) Terphenyl-d14	12.97	244	4309404	80.20	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.40	70	261411	17.635	ng	# 73
25) Isophorone	7.40	82	1927900	43.817	ng	# 66
51) 2,6-Dinitrotoluene	9.89	165	78375	8.420	ng	# 19
57) 2,4-Dinitrotoluene	9.89	165	78375	6.684	ng	# 25
67) 4-Bromophenyl-phenylether	10.68	248	56018	4.051	ng	# 1

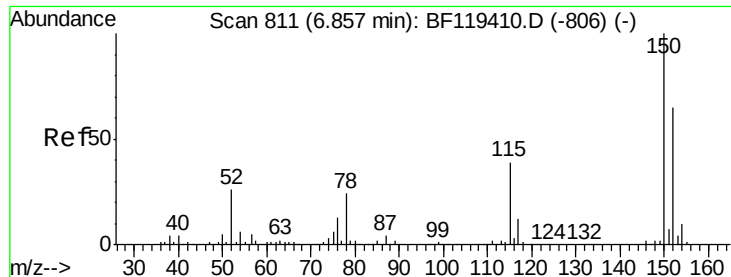
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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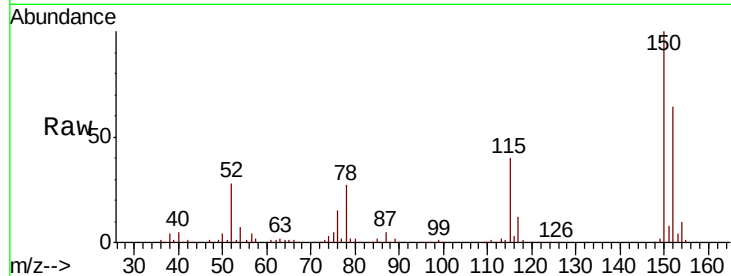


#1

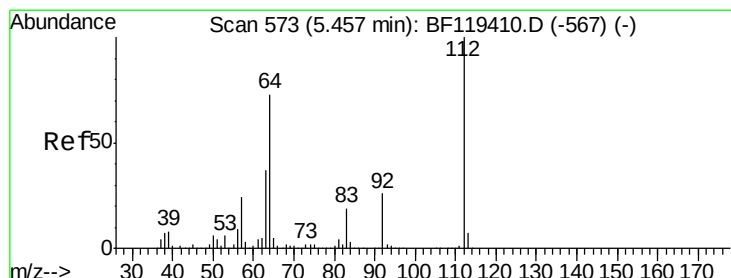
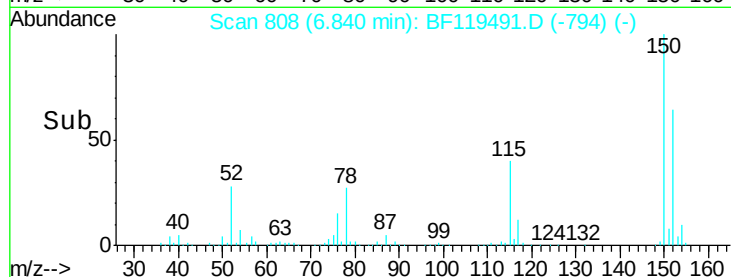
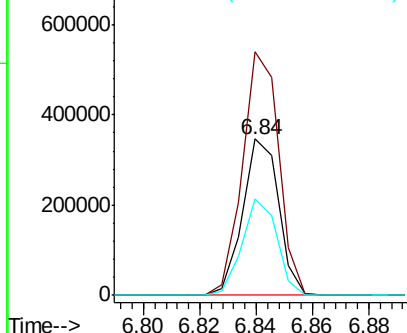
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.84 min Scan# 808
Delta R.T. -0.02 min
Lab File: BF119491.D
Acq: 24 Mar 2020 15:14

Instrument :
BNA_F
ClientSampleId :
5TH-STREET-SUBMS

Tot Ion:152 Resp: 306465
Ion Ratio Lower Upper
152 100
150 156.1 123.9 185.9
115 61.7 47.8 71.6



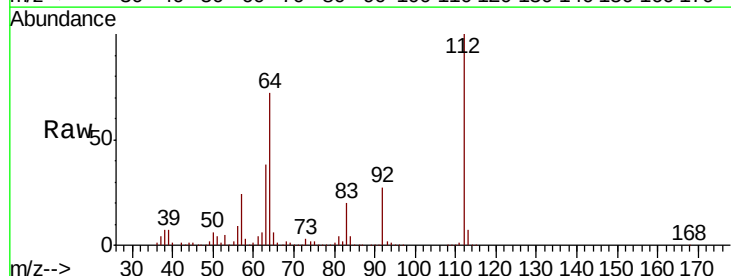
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



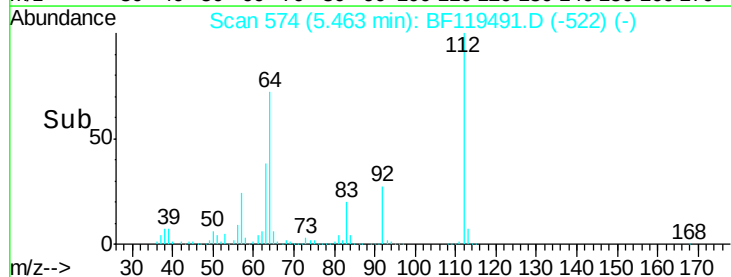
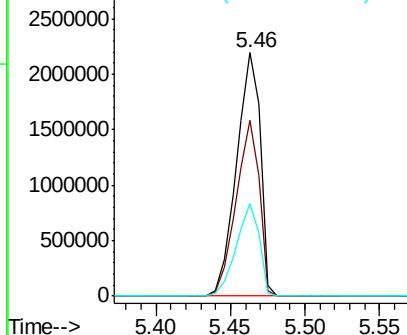
#5

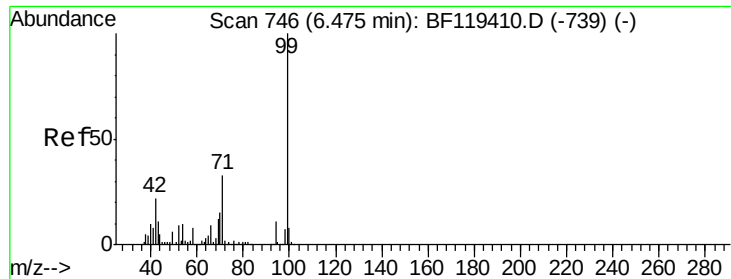
2-Fluorophenol
Concen: 127.122 ng
RT: 5.46 min Scan# 574
Delta R.T. 0.01 min
Lab File: BF119491.D
Acq: 24 Mar 2020 15:14

Tgt Ion:112 Resp: 2447285
Ion Ratio Lower Upper
112 100
64 72.3 58.1 87.1
63 38.1 29.7 44.5



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: 123.111 ng

RT: 6.47 min Scan# 745

Delta R.T. -0.01 min

Lab File: BF119491.D

Acq: 24 Mar 2020 15:14

Instrument :

BNA_F

ClientSampleId :

5TH-STREET-SUBMS

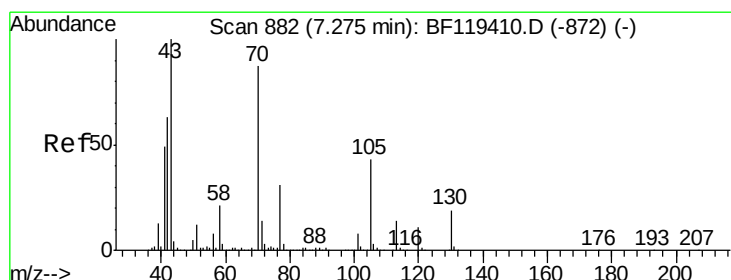
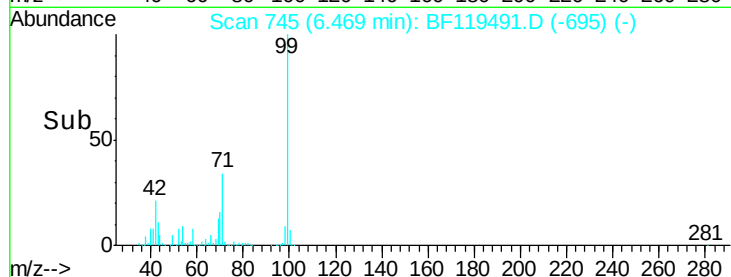
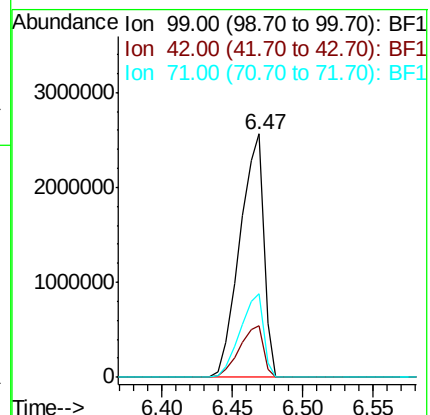
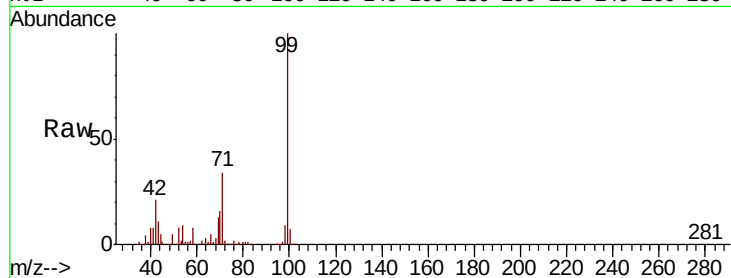
Tot Ion: 99 Resp: 3027605

Ion Ratio Lower Upper

99 100

42 21.2 17.8 26.6

71 34.4 26.0 39.0



#19

n-Nitroso-di-n-propylamine

Concen: 17.635 ng

RT: 7.40 min Scan# 904

Delta R.T. 0.13 min

Lab File: BF119491.D

Acq: 24 Mar 2020 15:14

Tgt Ion: 70 Resp: 261411

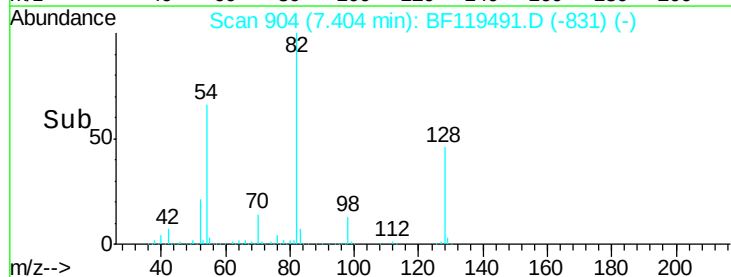
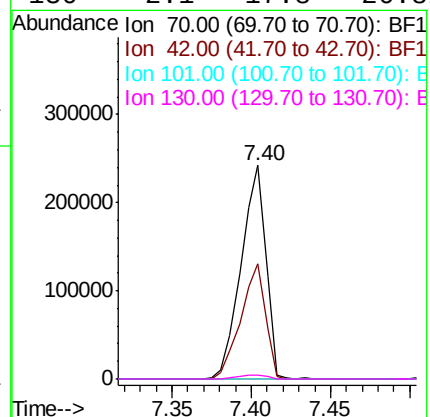
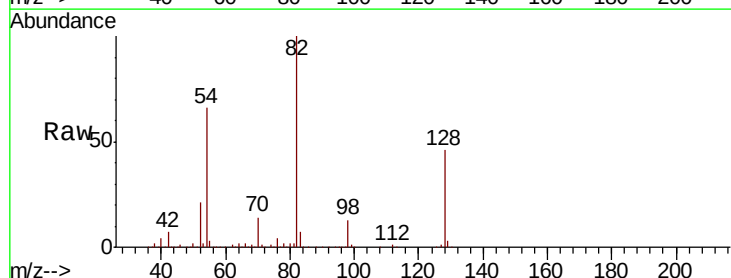
Ion Ratio Lower Upper

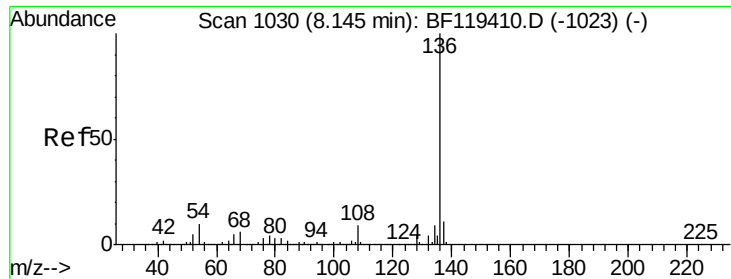
70 100

42 54.2 58.2 87.4#

101 0.0 7.4 11.2#

130 2.1 17.8 26.8#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.13 min Scan# 1027

Delta R.T. -0.02 min

Lab File: BF119491.D

Acq: 24 Mar 2020 15:14

Instrument :

BNA_F

ClientSampleId :

5TH-STREET-SUBMS

Tot Ion:136 Resp: 1178807

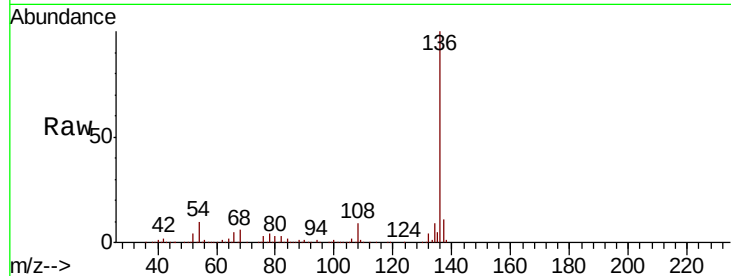
Ion Ratio Lower Upper

136 100

137 10.6 8.4 12.6

54 9.9 8.3 12.5

68 5.5 4.9 7.3

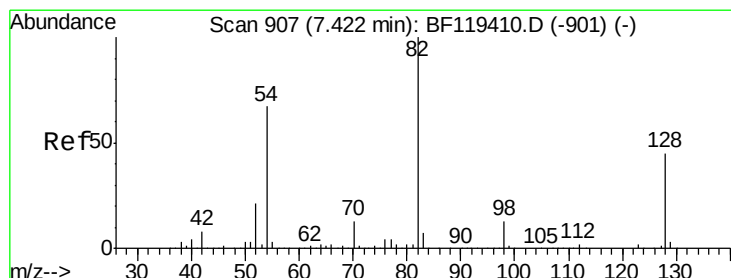
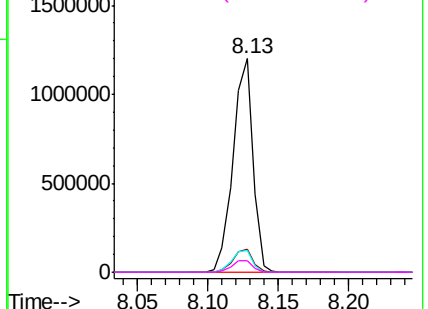
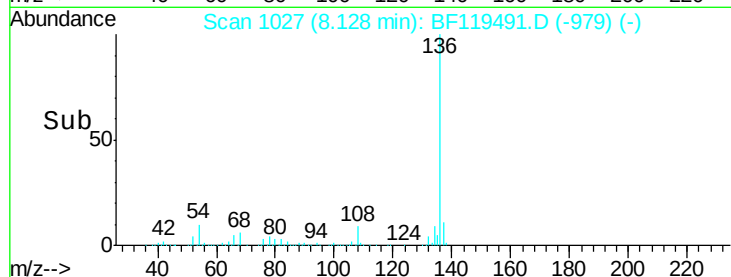


Abundance Ion 136.00 (135.70 to 136.70): E

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: 89.239 ng

RT: 7.40 min Scan# 904

Delta R.T. -0.02 min

Lab File: BF119491.D

Acq: 24 Mar 2020 15:14

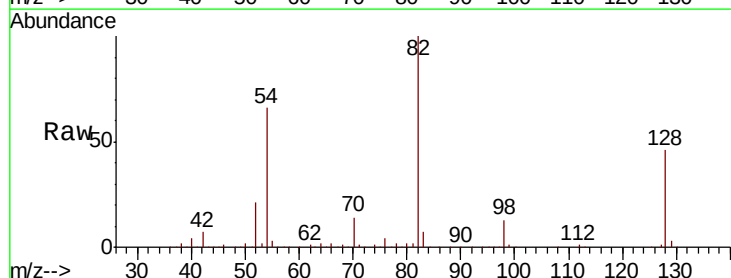
Tgt Ion: 82 Resp: 1935603

Ion Ratio Lower Upper

82 100

128 45.9 35.8 53.8

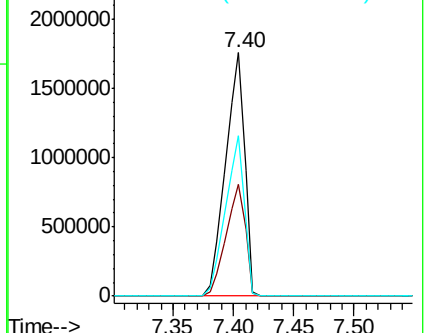
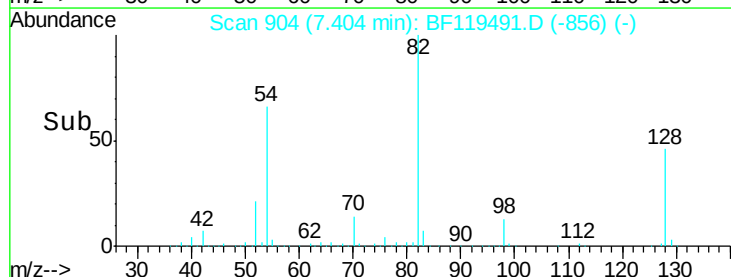
54 65.9 53.4 80.0

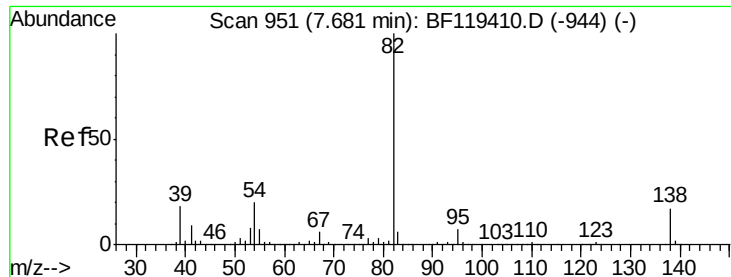


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 43.817 ng

RT: 7.40 min Scan# 904

Delta R.T. -0.28 min

Lab File: BF119491.D

Acq: 24 Mar 2020 15:14

Instrument :

BNA_F

ClientSampleId :

5TH-STREET-SUBMS

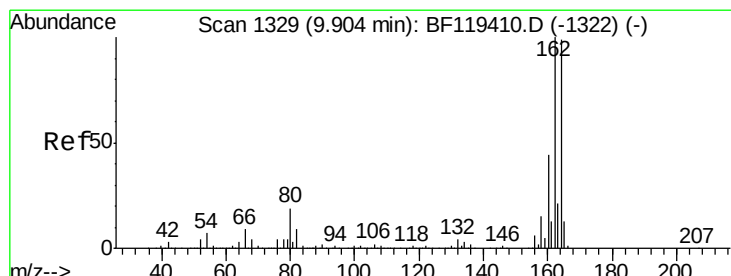
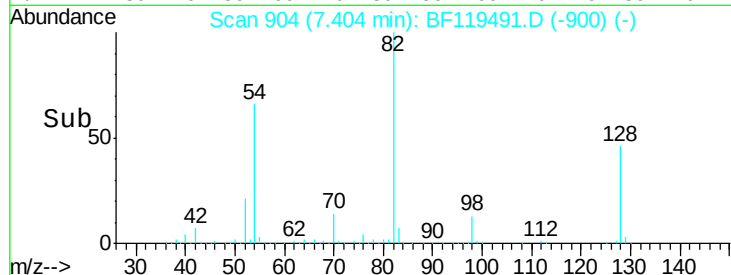
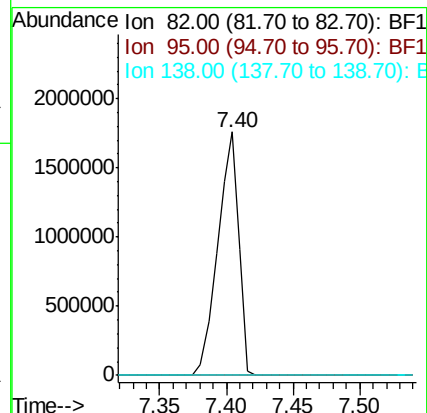
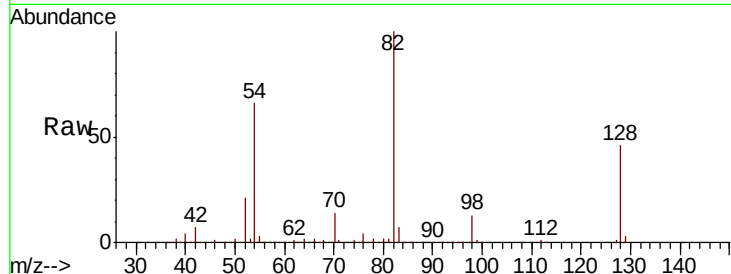
Tot Ion: 82 Resp: 1927900

Ion Ratio Lower Upper

82 100

95 0.0 5.4 8.2#

138 0.0 13.8 20.8#



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.89 min Scan# 1326

Delta R.T. -0.02 min

Lab File: BF119491.D

Acq: 24 Mar 2020 15:14

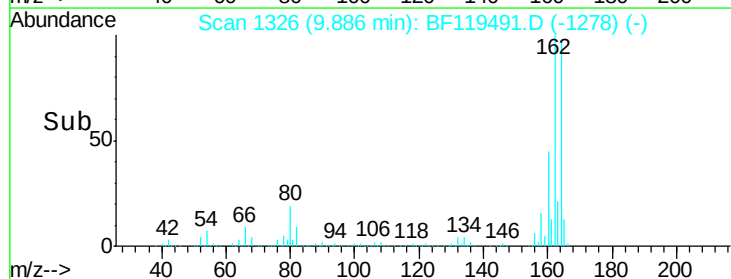
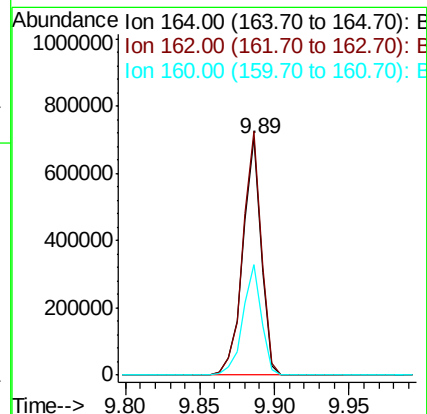
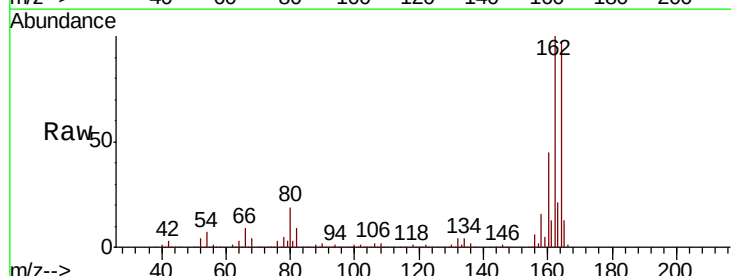
Tgt Ion:164 Resp: 611353

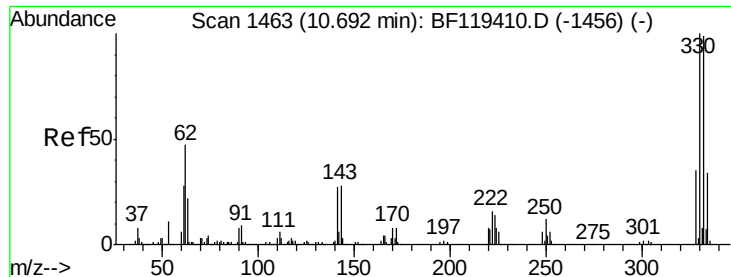
Ion Ratio Lower Upper

164 100

162 102.7 80.7 121.1

160 46.5 35.5 53.3





#42

2,4,6-Tribromophenol

Concen: 142.830 ng

RT: 10.68 min Scan# 1461

Delta R.T. -0.01 min

Lab File: BF119491.D

Acq: 24 Mar 2020 15:14

Instrument :

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ClientSampleId :

5TH-STREET-SUBMS

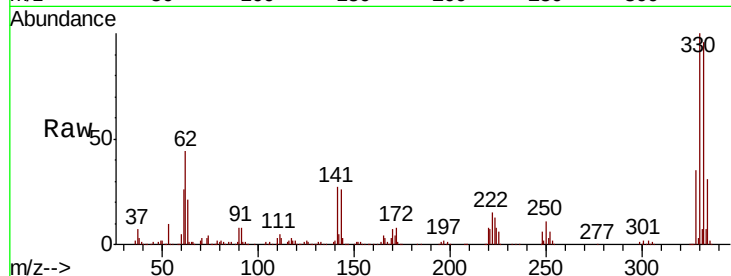
Tot Ion:330 Resp: 900846

Ion Ratio Lower Upper

330 100

332 96.7 77.6 116.4

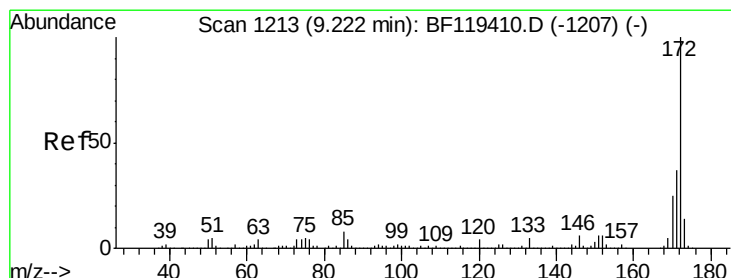
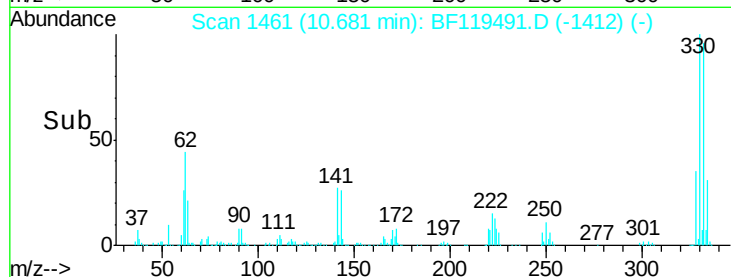
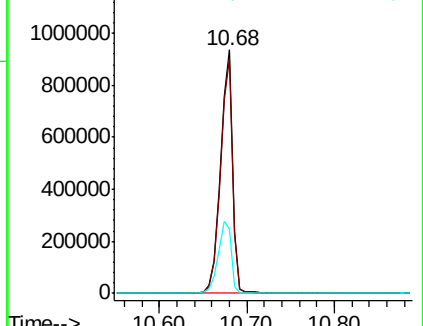
141 32.0 26.6 40.0



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: 86.214 ng

RT: 9.21 min Scan# 1211

Delta R.T. -0.01 min

Lab File: BF119491.D

Acq: 24 Mar 2020 15:14

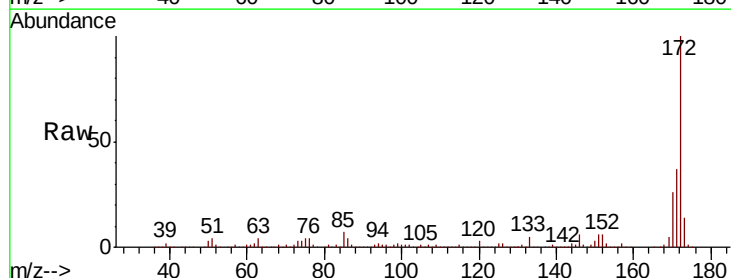
Tgt Ion:172 Resp: 3557776

Ion Ratio Lower Upper

172 100

171 37.4 29.9 44.9

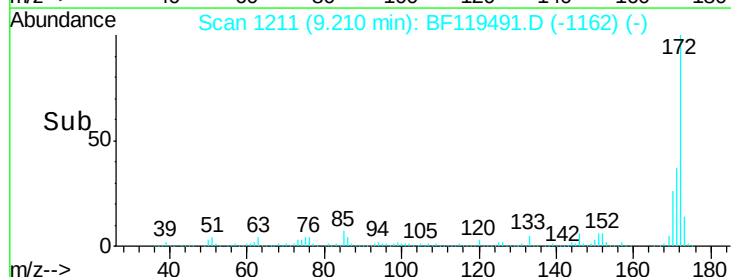
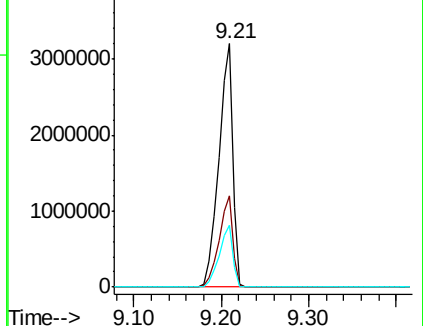
170 25.6 20.1 30.1

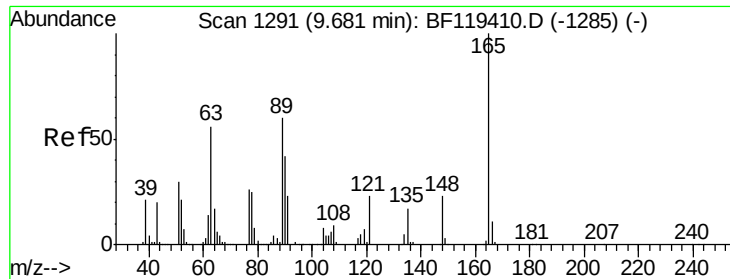


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

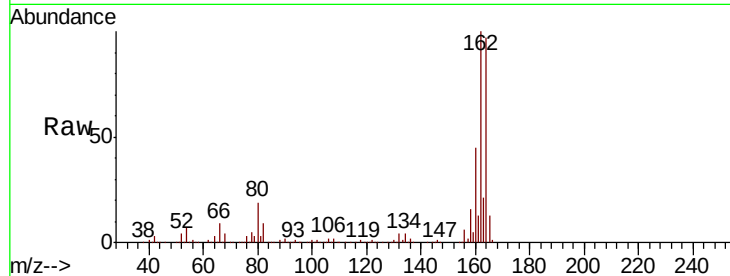




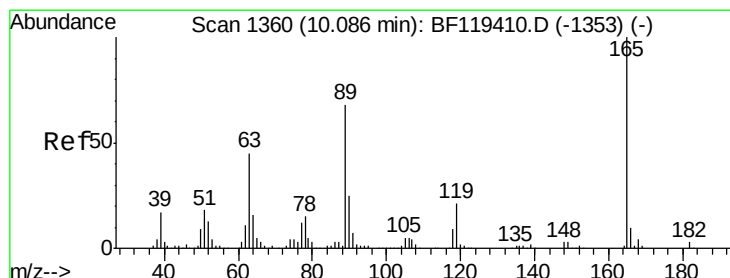
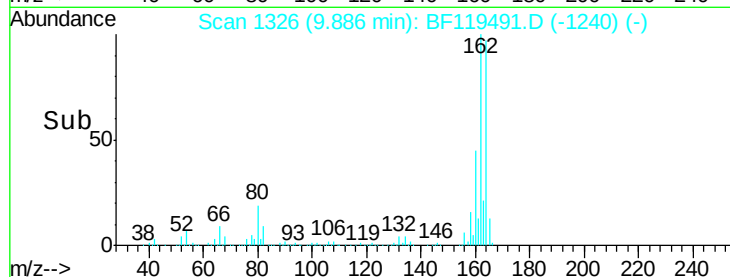
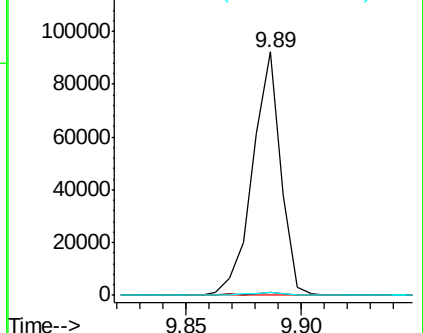
#51
 2,6-Dinitrotoluene
 Concen: 8.420 ng
 RT: 9.89 min Scan# 1326
 Delta R.T. 0.21 min
 Lab File: BF119491.D
 Acq: 24 Mar 2020 15:14

Instrument :
 BNA_F
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 5TH-STREET-SUBMS

Tot Ion:165 Resp: 78375
 Ion Ratio Lower Upper
 165 100
 63 1.2 57.3 85.9#
 89 1.5 47.8 71.8#

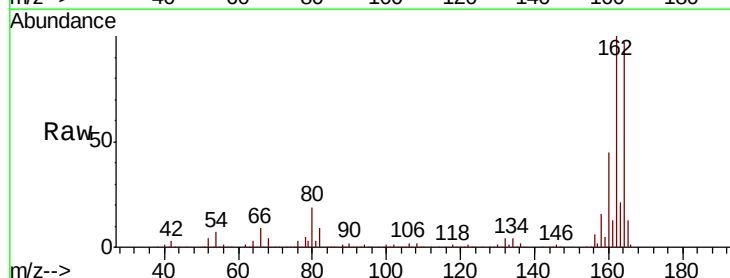


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

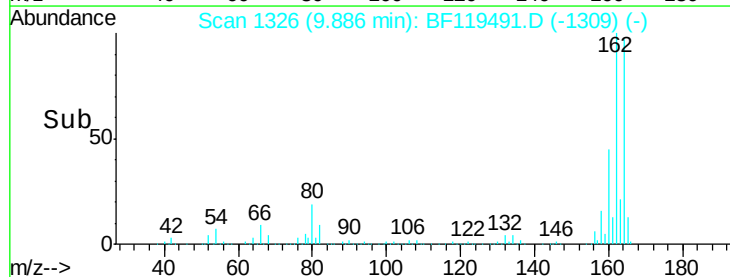
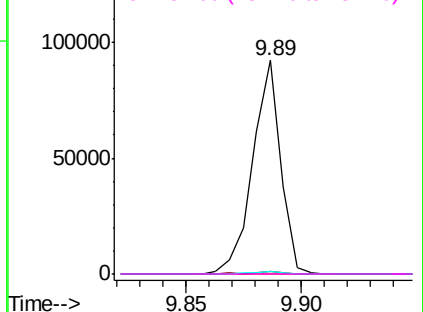


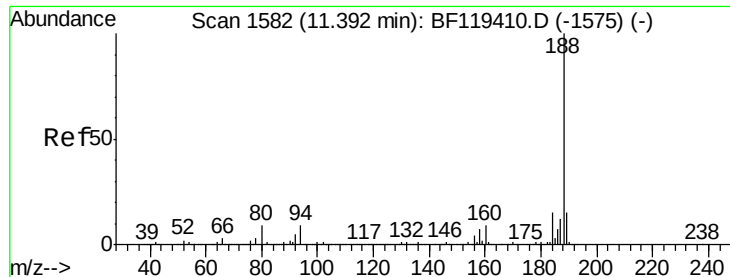
#57
 2,4-Dinitrotoluene
 Concen: 6.684 ng
 RT: 9.89 min Scan# 1326
 Delta R.T. -0.20 min
 Lab File: BF119491.D
 Acq: 24 Mar 2020 15:14

Tgt Ion:165 Resp: 78375
 Ion Ratio Lower Upper
 165 100
 63 1.2 36.2 54.4#
 89 1.5 54.3 81.5#
 182 0.0 2.0 3.0#



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
 Ion 182.00 (181.70 to 182.70): E





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.37 min Scan# 1579

Delta R.T. -0.02 min

Lab File: BF119491.D

Acq: 24 Mar 2020 15:14

Instrument :

BNA_F

ClientSampleId :

5TH-STREET-SUBMS

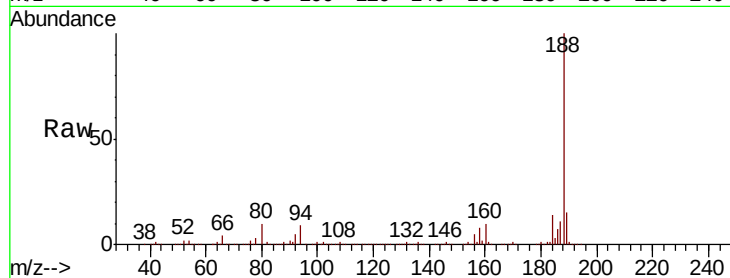
Tot Ion:188 Resp: 1214142

Ion Ratio Lower Upper

188 100

94 9.3 7.1 10.7

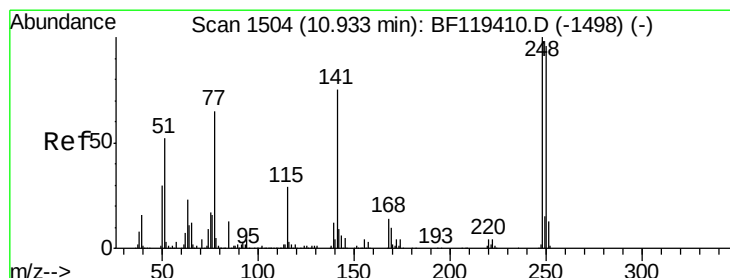
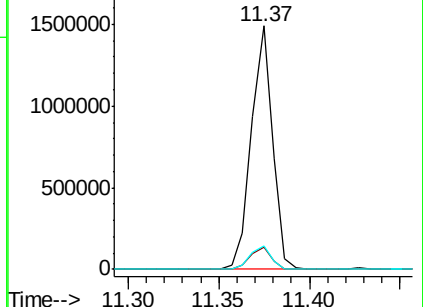
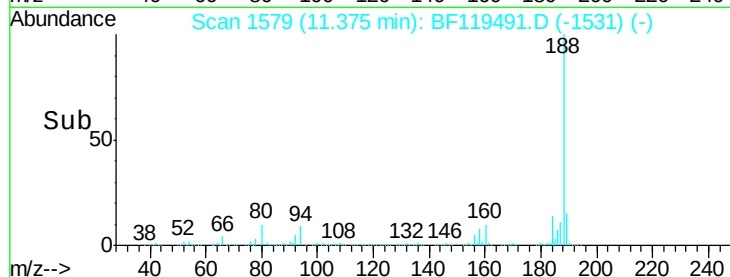
80 9.8 7.5 11.3



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: 4.051 ng

RT: 10.68 min Scan# 1461

Delta R.T. -0.25 min

Lab File: BF119491.D

Acq: 24 Mar 2020 15:14

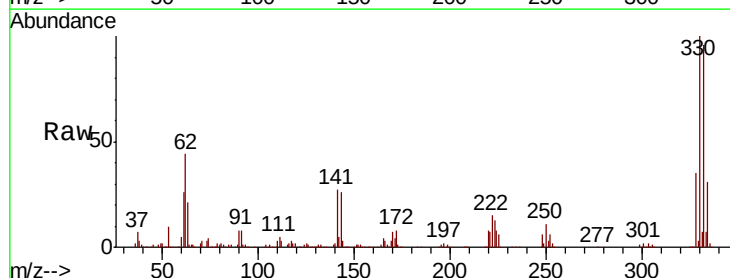
Tgt Ion:248 Resp: 56018

Ion Ratio Lower Upper

248 100

250 195.3 77.0 115.6#

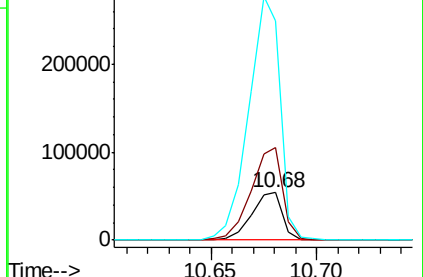
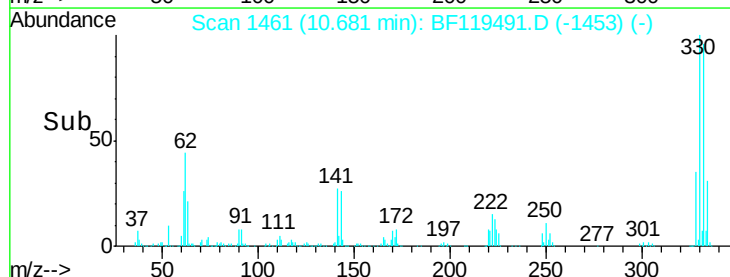
141 459.1 59.7 89.5#

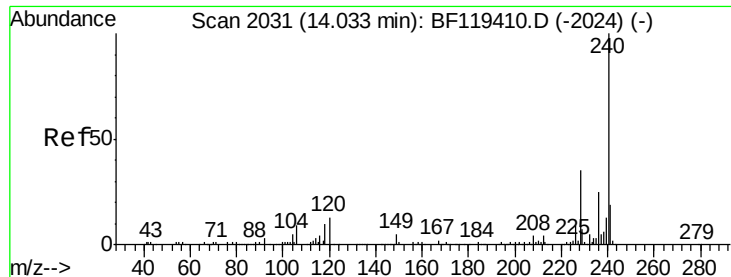


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

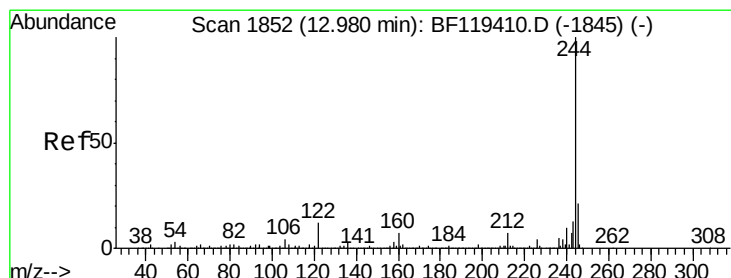
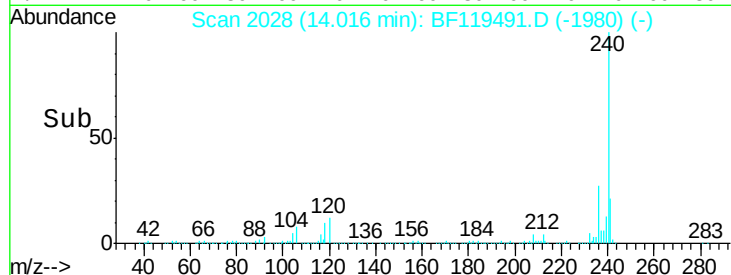
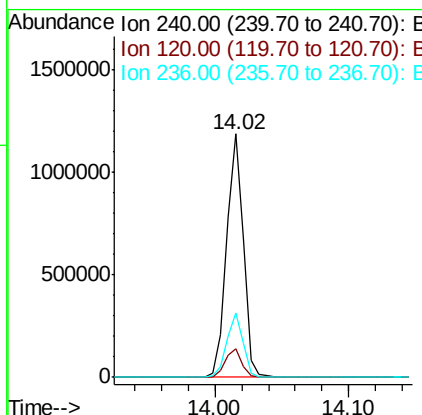
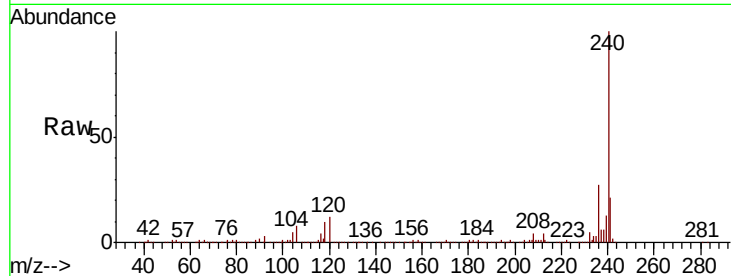




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.02 min Scan# 2028
Delta R.T. -0.02 min
Lab File: BF119491.D
Acq: 24 Mar 2020 15:14

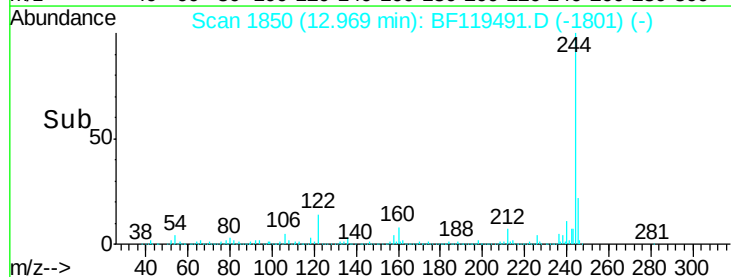
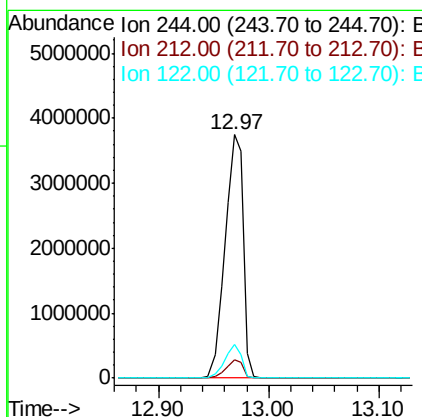
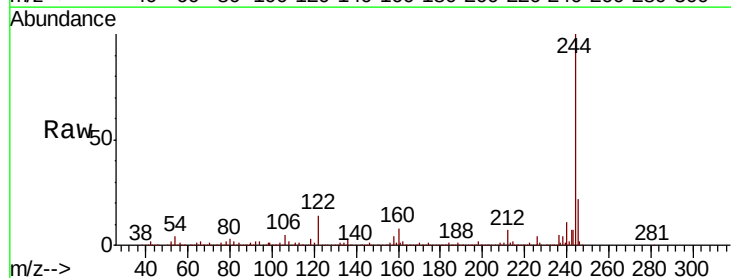
Instrument :
BNA_F
ClientSampleId :
5TH-STREET-SUBMS

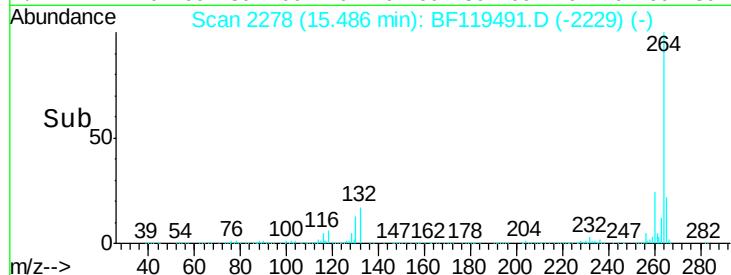
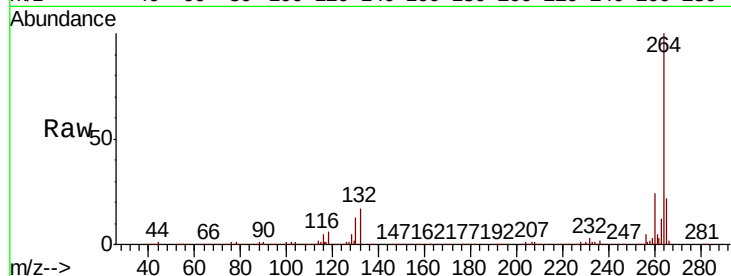
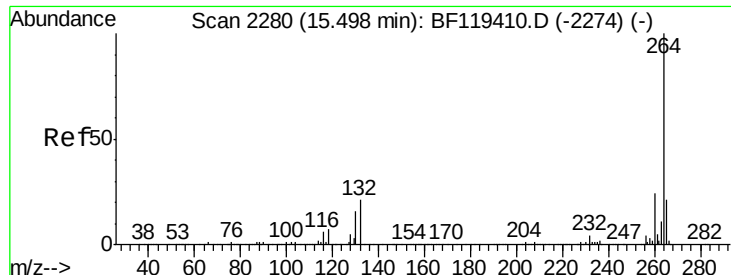
Tot Ion:240 Resp: 1052716
Ion Ratio Lower Upper
240 100
120 12.0 10.2 15.4
236 26.7 20.4 30.6



#79
Terphenyl-d14
Concen: 80.202 ng
RT: 12.97 min Scan# 1850
Delta R.T. -0.01 min
Lab File: BF119491.D
Acq: 24 Mar 2020 15:14

Tgt Ion:244 Resp: 4309404
Ion Ratio Lower Upper
244 100
212 7.4 5.7 8.5
122 14.0 9.8 14.8





#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.49 min Scan# 2278
Delta R.T. -0.01 min
Lab File: BF119491.D
Acq: 24 Mar 2020 15:14

Instrument :
BNA_F
ClientSampleId :
5TH-STREET-SUBMS

Tot Ion:	264	Resp:	1046425
Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.2	28.8
265	22.3	16.9	25.3

