

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032420\
 Data File : BF119490.D
 Acq On : 24 Mar 2020 14:37
 Operator : CG/JU
 Sample : L2008-03
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 5TH-STREET-SUB

Quant Time: Mar 24 15:13:15 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

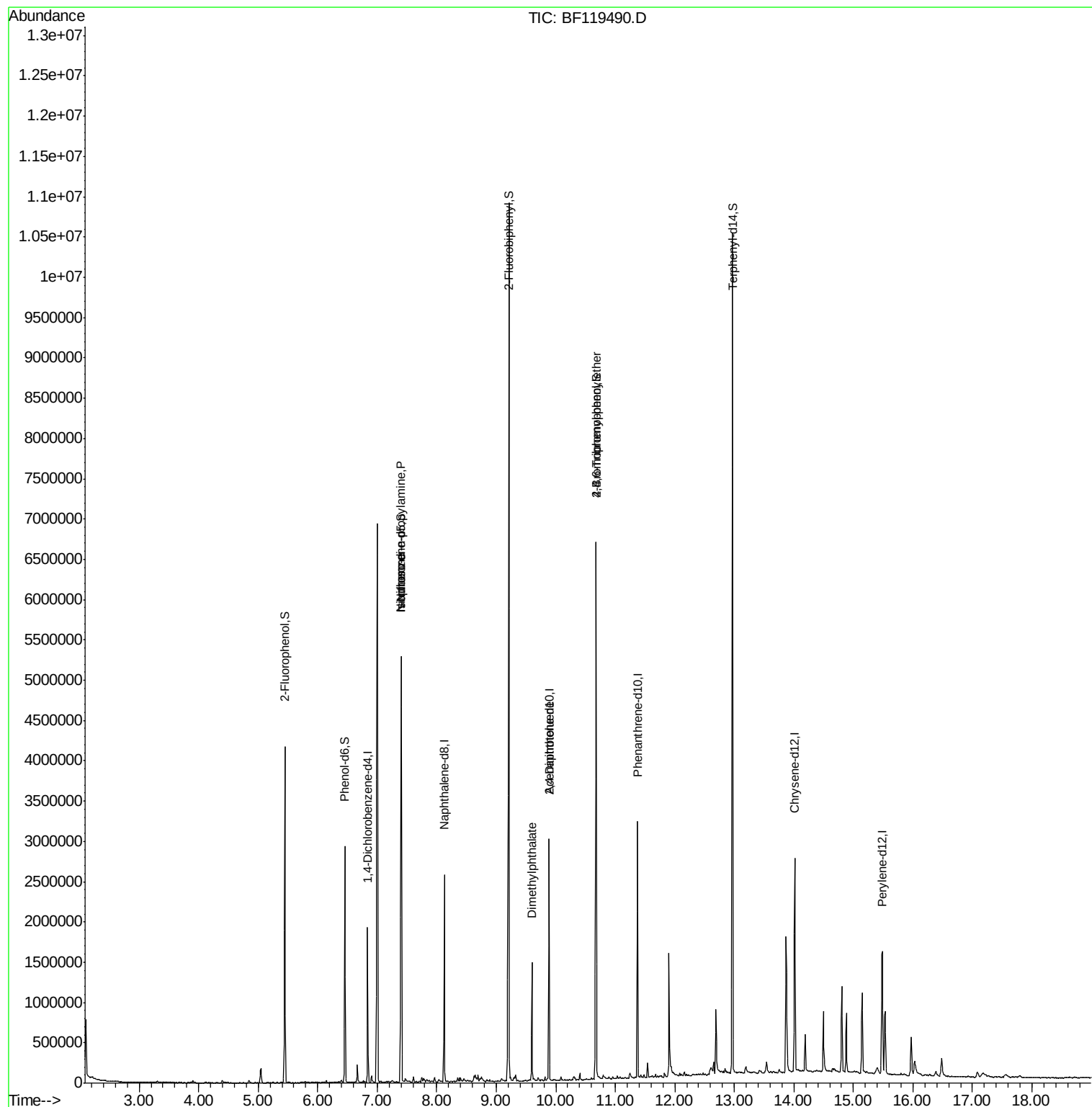
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	279811	20.00	ng	-0.02
21) Naphthalene-d8	8.13	136	1059403	20.00	ng	-0.02
39) Acenaphthene-d10	9.89	164	553050	20.00	ng	-0.02
64) Phenanthrene-d10	11.37	188	1064888	20.00	ng	-0.02
76) Chrysene-d12	14.02	240	846214	20.00	ng	-0.02
87) Perylene-d12	15.49	264	729411	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	1086347	61.80	ng	0.00
7) Phenol-d6	6.46	99	856706	38.15	ng	-0.02
23) Nitrobenzene-d5	7.40	82	1912155	98.09	ng	-0.02
42) 2,4,6-Tribromophenol	10.68	330	879570	154.16	ng	-0.01
45) 2-Fluorobiphenyl	9.21	172	3484248	93.33	ng	-0.01
79) Terphenyl-d14	12.97	244	3998395	92.57	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.40	70	255745	18.897	ng	# 74
25) Isophorone	7.40	82	1907549	48.241	ng	# 66
50) Dimethylphthalate	9.60	163	512629	13.050	ng	99
57) 2,4-Dinitrotoluene	9.89	165	73837	6.961	ng	# 25
67) 4-Bromophenyl-phenylether	10.68	248	55613	4.586	ng	# 1

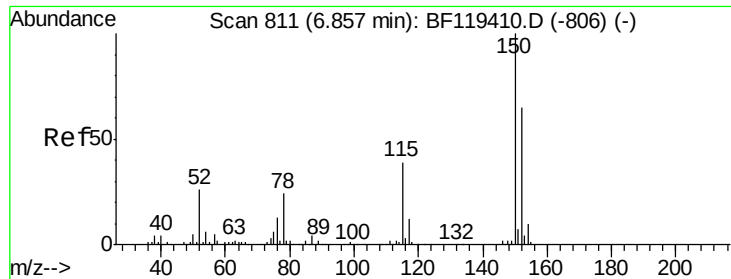
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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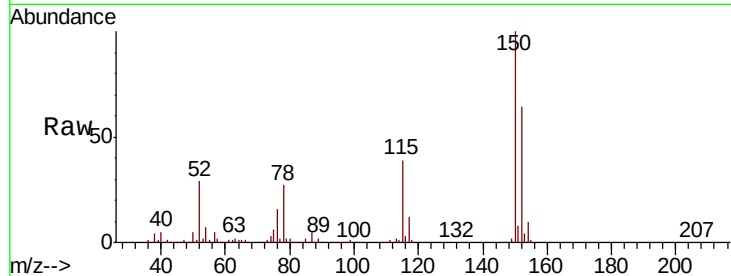


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.84 min Scan# 808
Delta R.T. -0.02 min
Lab File: BF119490.D
Acq: 24 Mar 2020 14:37

Instrument :
BNA_F
ClientSampleId :
5TH-STREET-SUB

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.2	123.9	185.9
115	60.3	47.8	71.6

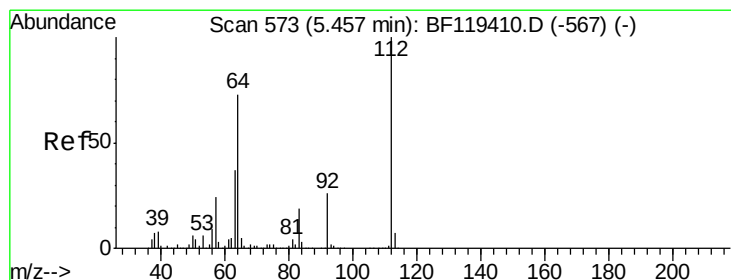
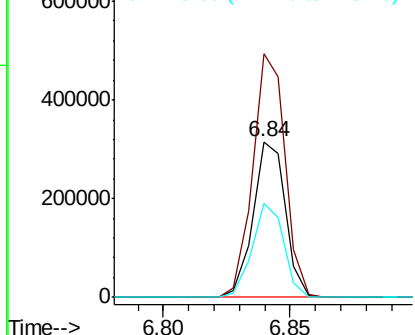
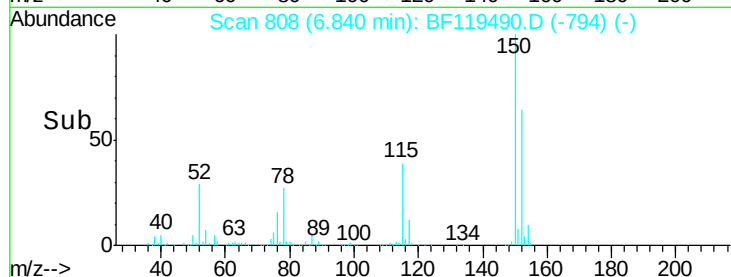


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

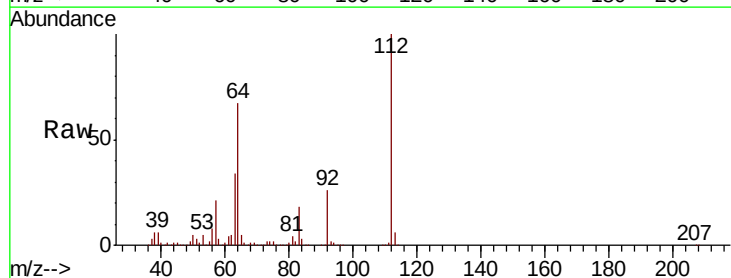
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 61.805 ng
RT: 5.45 min Scan# 572
Delta R.T. -0.01 min
Lab File: BF119490.D
Acq: 24 Mar 2020 14:37

Tgt Ion	Ratio	Lower	Upper
112	100		
64	67.1	58.1	87.1
63	33.8	29.7	44.5

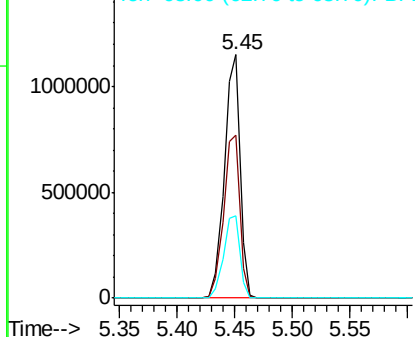
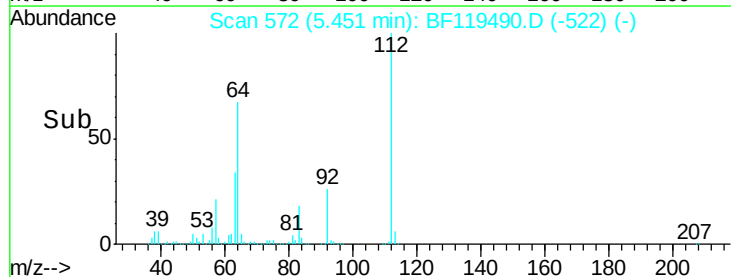


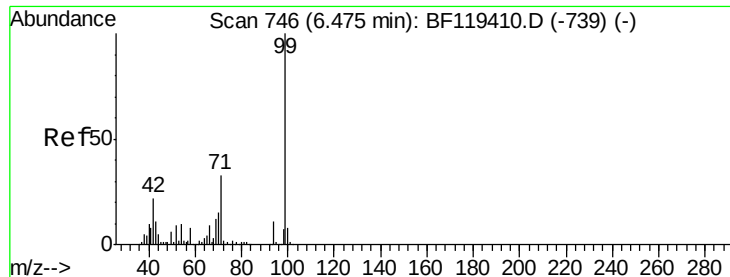
Abundance

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: 38.155 ng

RT: 6.46 min Scan# 743

Delta R.T. -0.02 min

Lab File: BF119490.D

Acq: 24 Mar 2020 14:37

Instrument :

BNA_F

ClientSampleId :

5TH-STREET-SUB

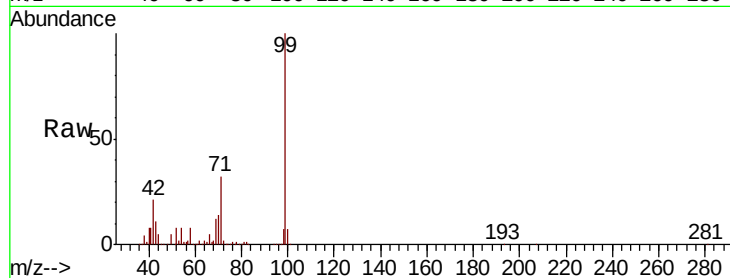
Tot Ion: 99 Resp: 856706

Ion Ratio Lower Upper

99 100

42 20.5 17.8 26.6

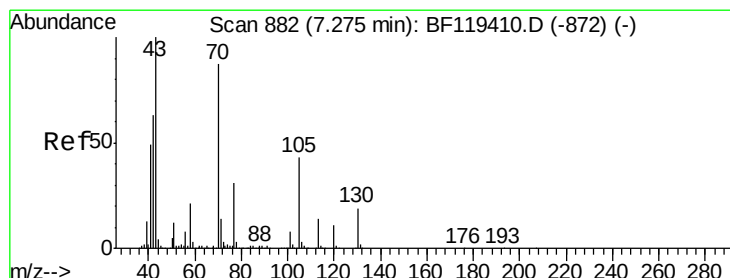
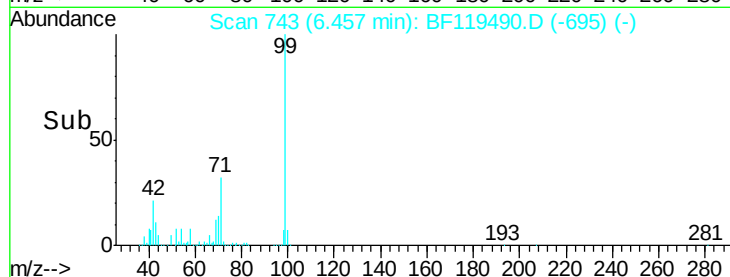
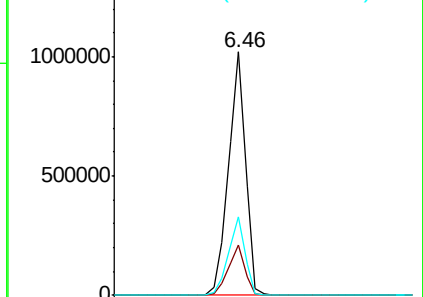
71 32.3 26.0 39.0



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: 18.897 ng

RT: 7.40 min Scan# 904

Delta R.T. 0.13 min

Lab File: BF119490.D

Acq: 24 Mar 2020 14:37

Tgt Ion: 70 Resp: 255745

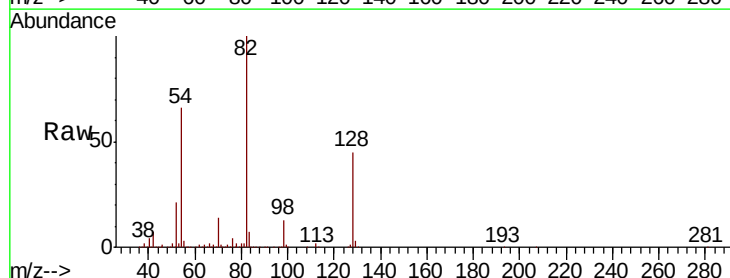
Ion Ratio Lower Upper

70 100

42 55.0 58.2 87.4#

101 0.0 7.4 11.2#

130 2.0 17.8 26.8#

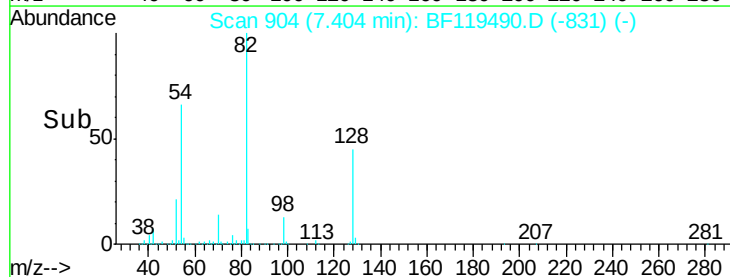
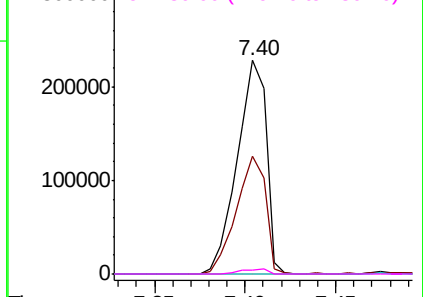


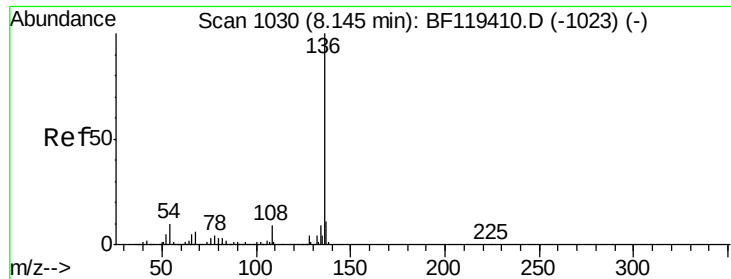
Abundance Ion 70.00 (69.70 to 70.70): BF1

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

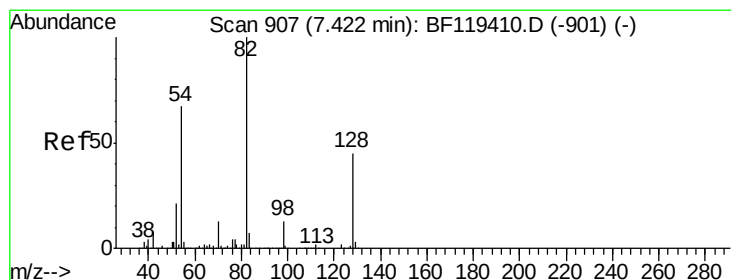
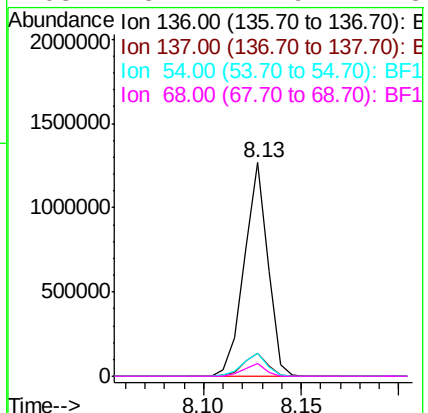
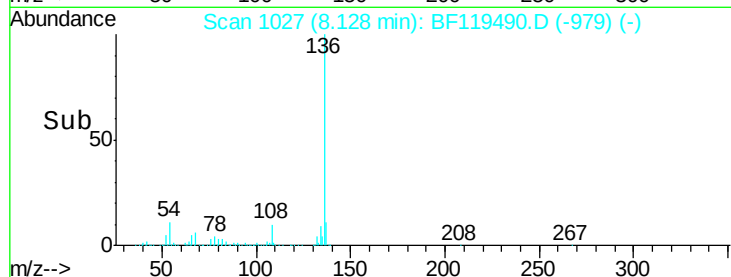
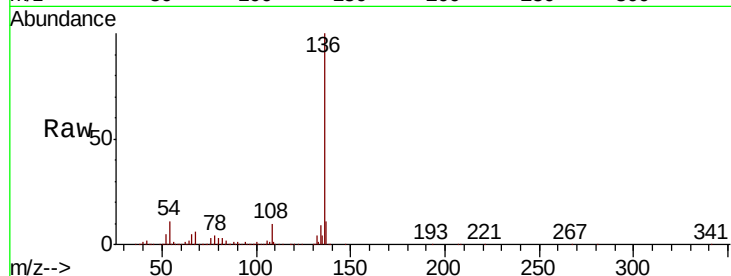




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.13 min Scan# 1027
Delta R.T. -0.02 min
Lab File: BF119490.D
Acq: 24 Mar 2020 14:37

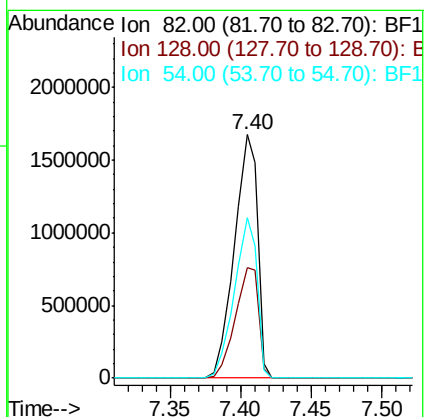
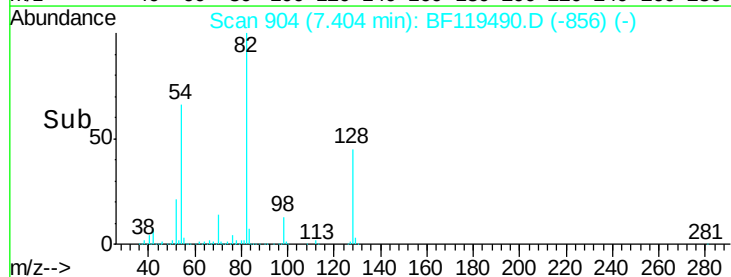
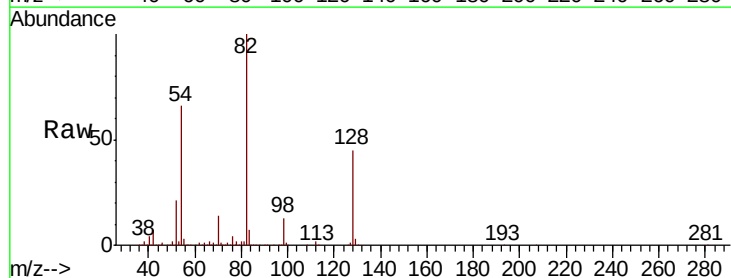
Instrument :
BNA_F
ClientSampleId :
5TH-STREET-SUB

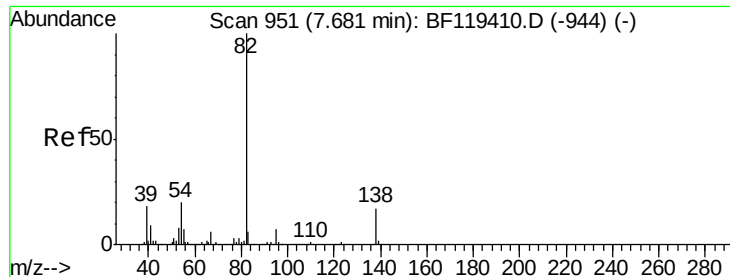
Tot Ion:	136	Resp:	1059403
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.4	12.6
54	10.7	8.3	12.5
68	5.7	4.9	7.3



#23
Nitrobenzene-d5
Concen: 98.094 ng
RT: 7.40 min Scan# 904
Delta R.T. -0.02 min
Lab File: BF119490.D
Acq: 24 Mar 2020 14:37

Tgt Ion:	82	Resp:	1912155
Ion	Ratio	Lower	Upper
82	100		
128	45.4	35.8	53.8
54	66.1	53.4	80.0





#25

Isophorone

Concen: 48.241 ng

RT: 7.40 min Scan# 904

Delta R.T. -0.28 min

Lab File: BF119490.D

Acq: 24 Mar 2020 14:37

Instrument :

BNA_F

ClientSampleId :

5TH-STREET-SUB

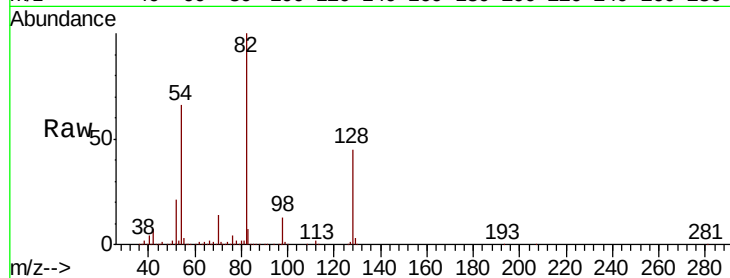
Tot Ion: 82 Resp: 1907549

Ion Ratio Lower Upper

82 100

95 0.0 5.4 8.2#

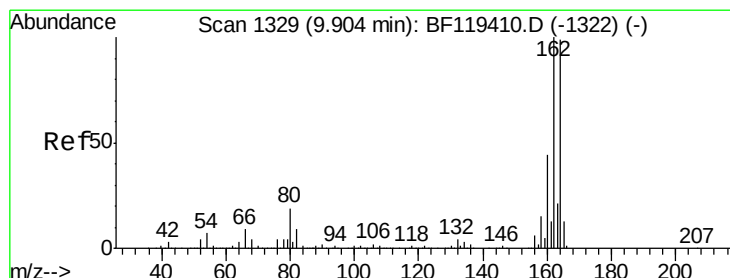
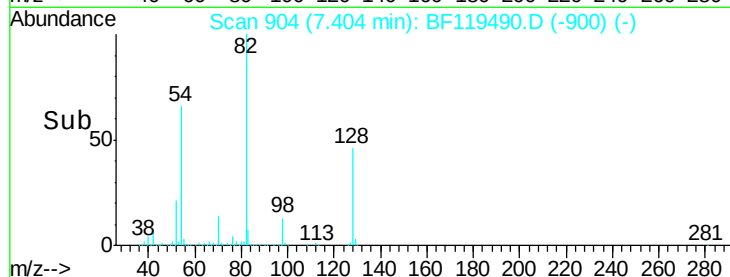
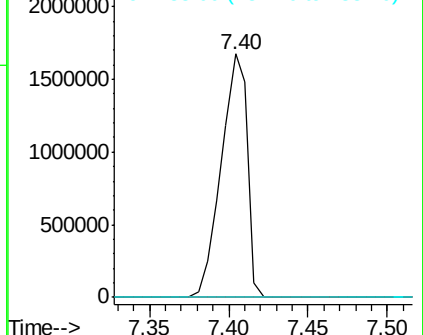
138 0.0 13.8 20.8#



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: 9.89 min Scan# 1326

Delta R.T. -0.02 min

Lab File: BF119490.D

Acq: 24 Mar 2020 14:37

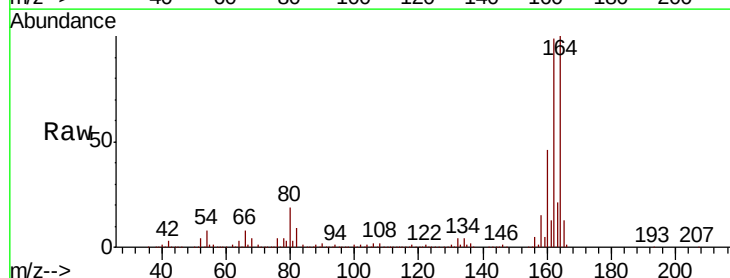
Tgt Ion:164 Resp: 553050

Ion Ratio Lower Upper

164 100

162 99.4 80.7 121.1

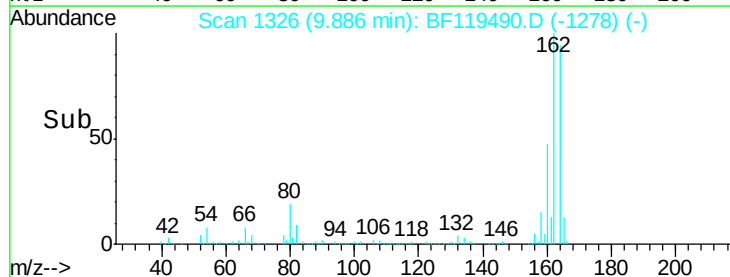
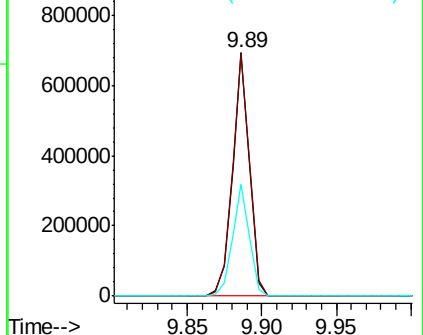
160 46.1 35.5 53.3

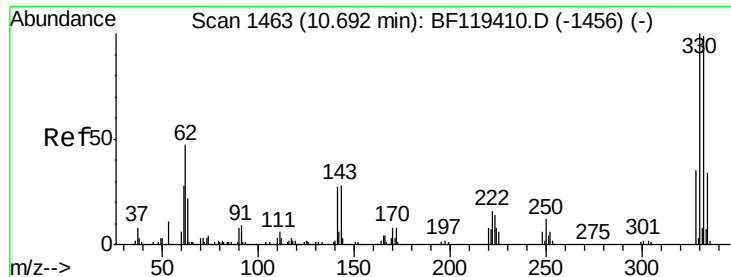


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#42

2,4,6-Tribromophenol

Concen: 154.158 ng

RT: 10.68 min Scan# 1461

Delta R.T. -0.01 min

Lab File: BF119490.D

Acq: 24 Mar 2020 14:37

Instrument :

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ClientSampleId :

5TH-STREET-SUB

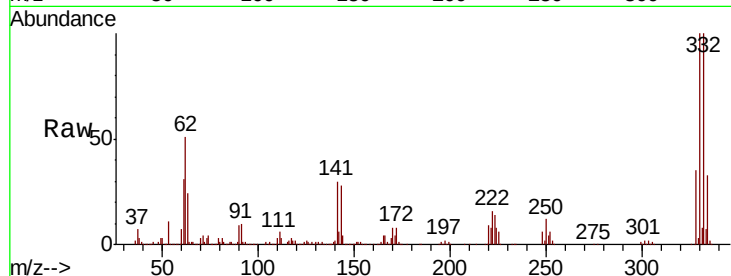
Tot Ion:330 Resp: 879570

Ion Ratio Lower Upper

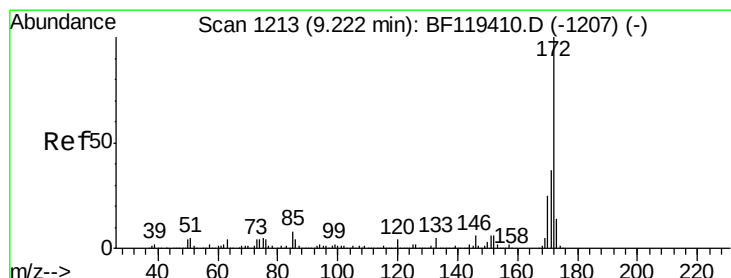
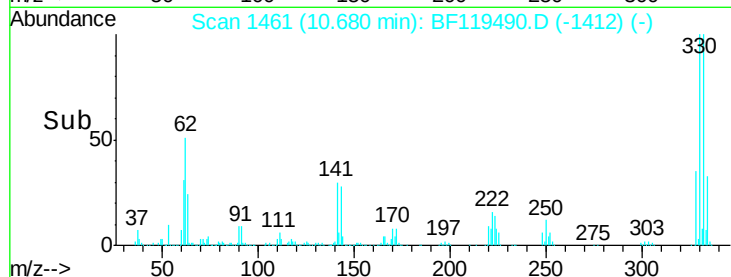
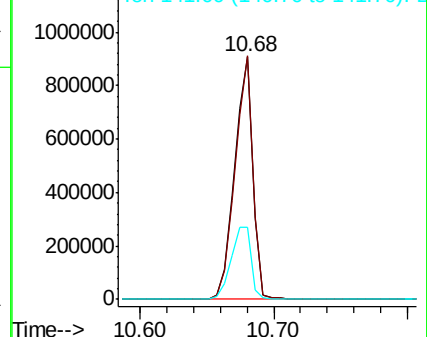
330 100

332 98.5 77.6 116.4

141 33.2 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: 93.334 ng

RT: 9.21 min Scan# 1211

Delta R.T. -0.01 min

Lab File: BF119490.D

Acq: 24 Mar 2020 14:37

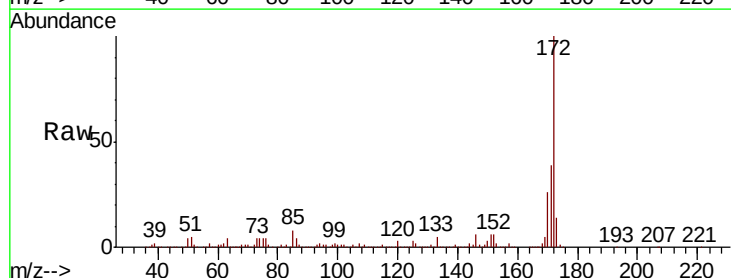
Tgt Ion:172 Resp: 3484248

Ion Ratio Lower Upper

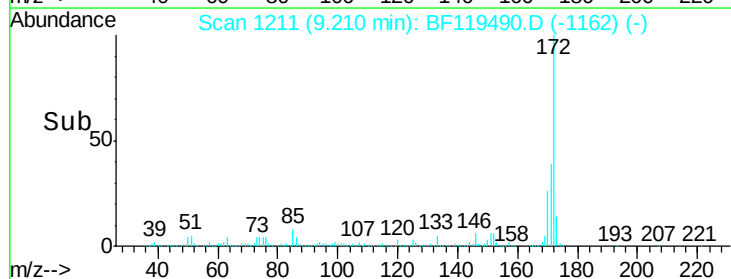
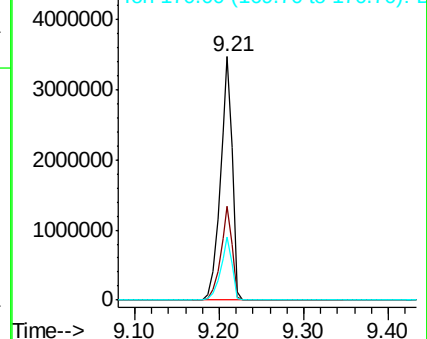
172 100

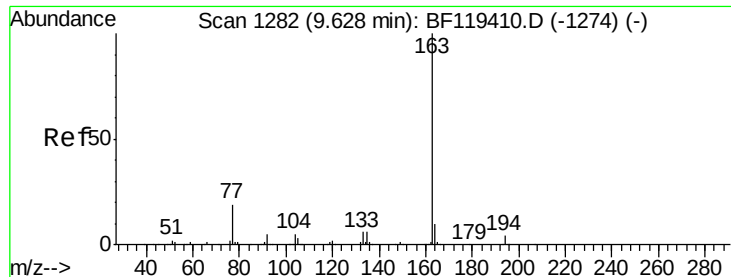
171 38.5 29.9 44.9

170 26.0 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

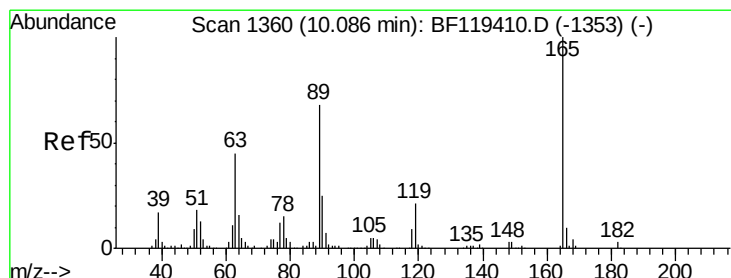
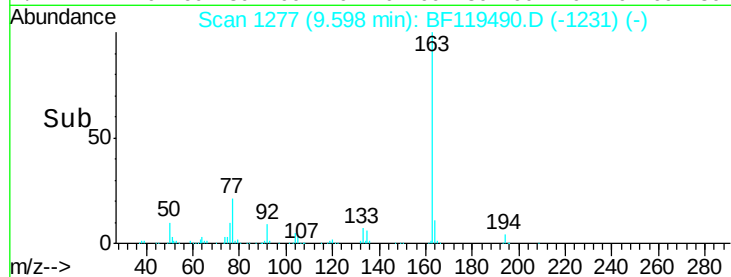
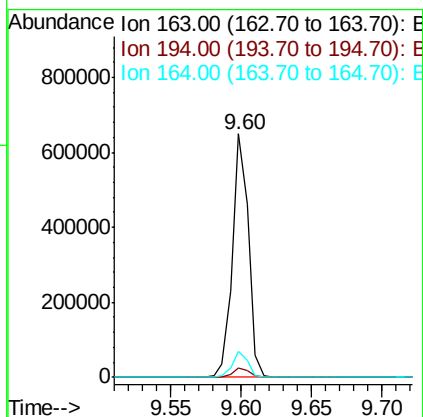
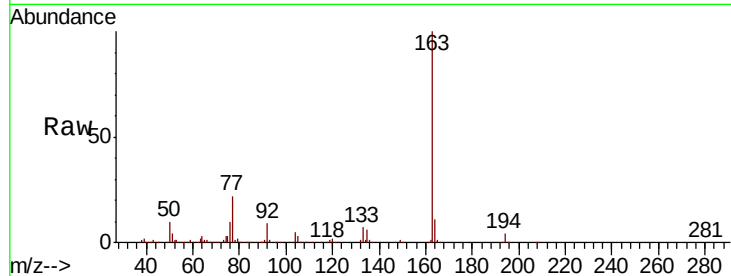




#50
Dimethylphthalate
Concen: 13.050 ng
RT: 9.60 min Scan# 1277
Delta R.T. -0.03 min
Lab File: BF119490.D
Acq: 24 Mar 2020 14:37

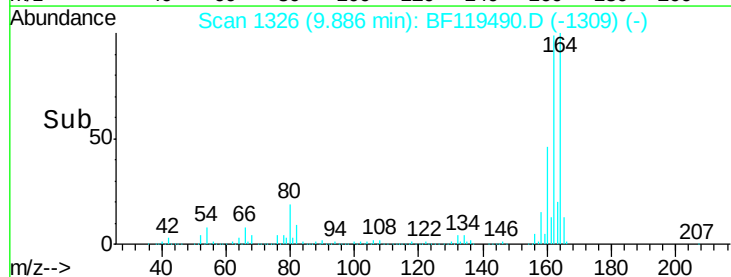
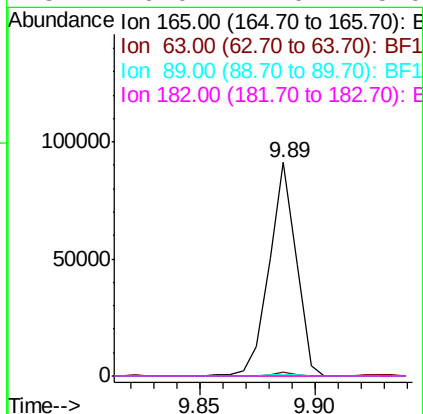
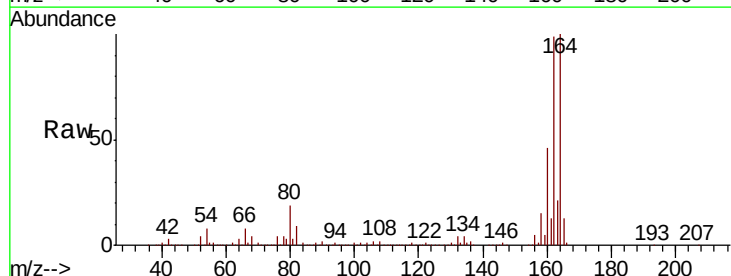
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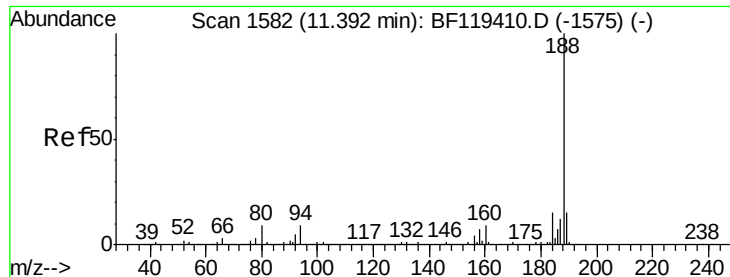
Tot Ion:163 Resp: 512629
Ion Ratio Lower Upper
163 100
194 3.8 3.2 4.8
164 10.5 8.1 12.1



#57
2,4-Dinitrotoluene
Concen: 6.961 ng
RT: 9.89 min Scan# 1326
Delta R.T. -0.20 min
Lab File: BF119490.D
Acq: 24 Mar 2020 14:37

Tgt Ion:165 Resp: 73837
Ion Ratio Lower Upper
165 100
63 1.8 36.2 54.4#
89 0.9 54.3 81.5#
182 0.0 2.0 3.0#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.37 min Scan# 1579

Delta R.T. -0.02 min

Lab File: BF119490.D

Acq: 24 Mar 2020 14:37

Instrument :

BNA_F

ClientSampleId :

5TH-STREET-SUB

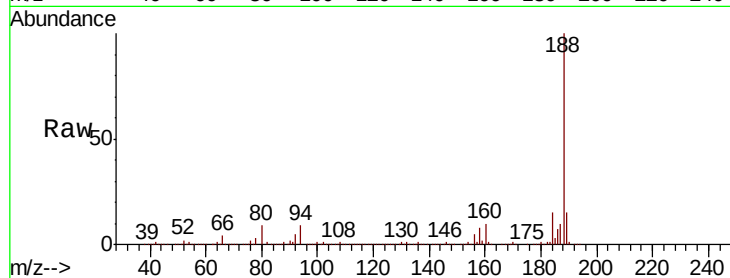
Tot Ion:188 Resp: 1064888

Ion Ratio Lower Upper

188 100

94 9.1 7.1 10.7

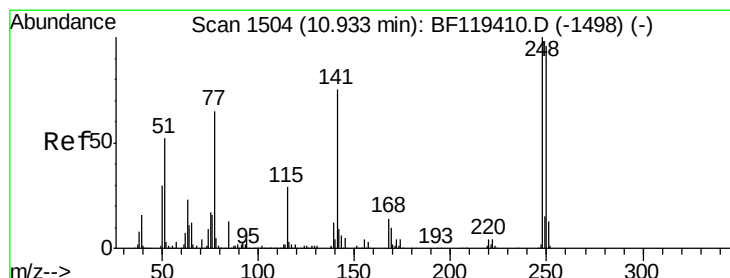
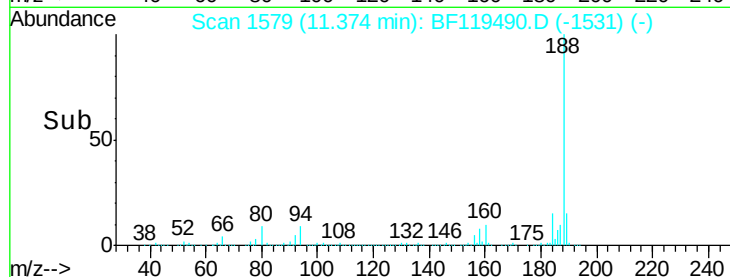
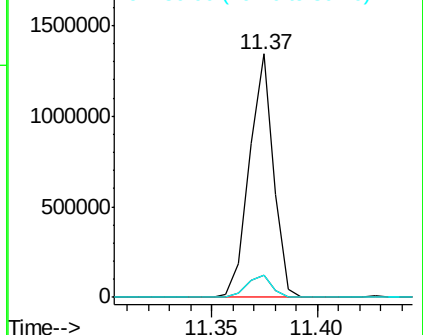
80 9.4 7.5 11.3



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: 4.586 ng

RT: 10.68 min Scan# 1461

Delta R.T. -0.25 min

Lab File: BF119490.D

Acq: 24 Mar 2020 14:37

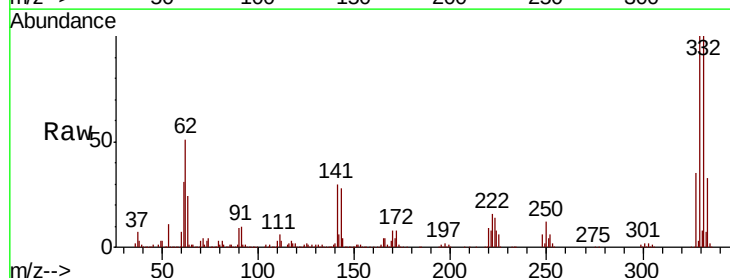
Tgt Ion:248 Resp: 55613

Ion Ratio Lower Upper

248 100

250 200.7 77.0 115.6#

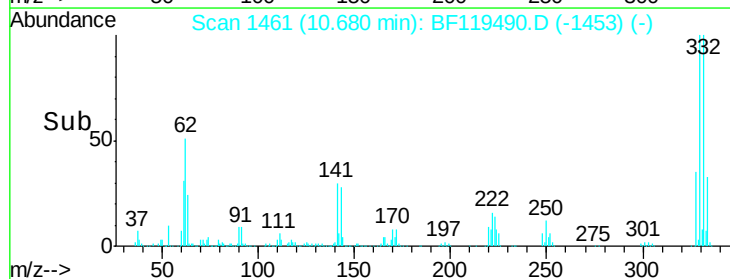
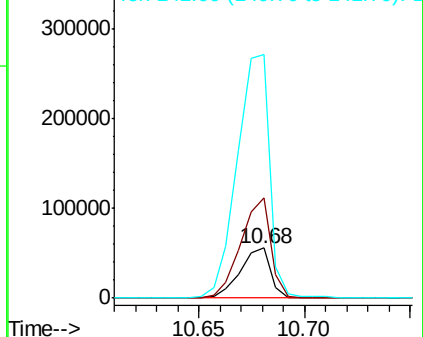
141 486.3 59.7 89.5#

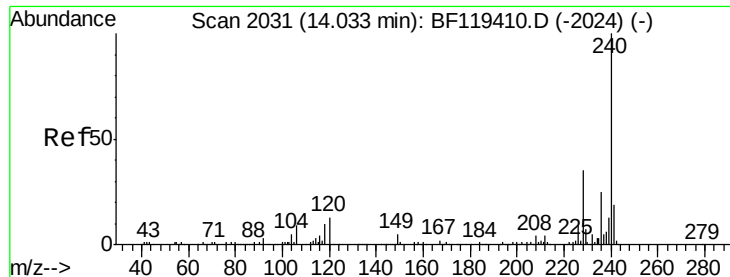


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

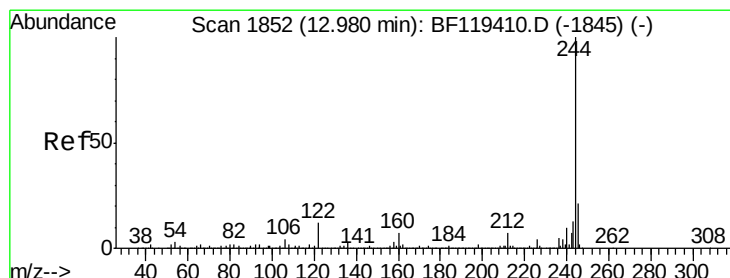
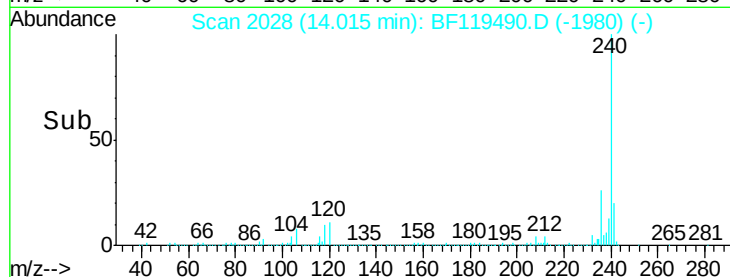
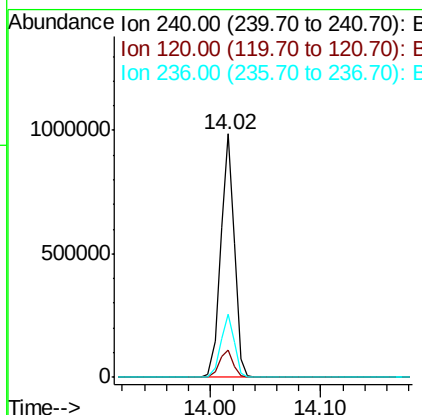
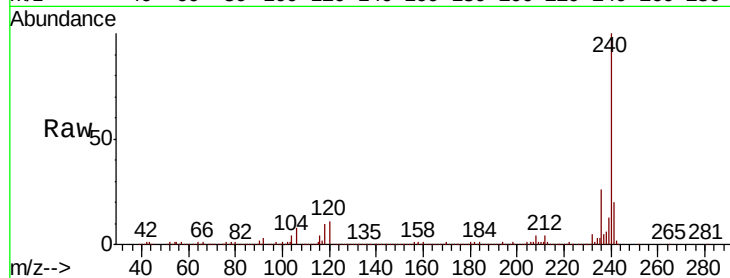




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.02 min Scan# 2028
 Delta R.T. -0.02 min
 Lab File: BF119490.D
 Acq: 24 Mar 2020 14:37

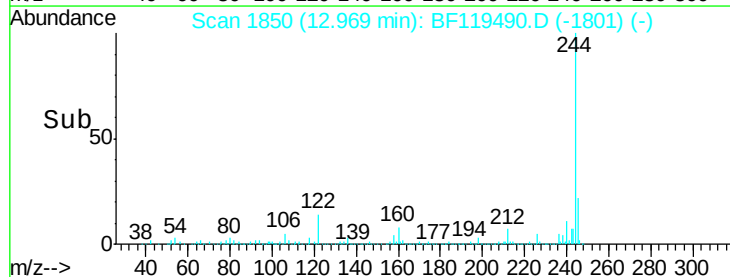
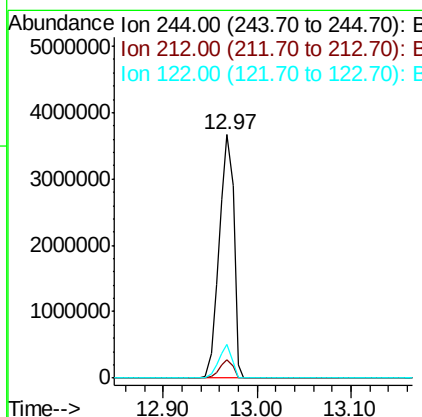
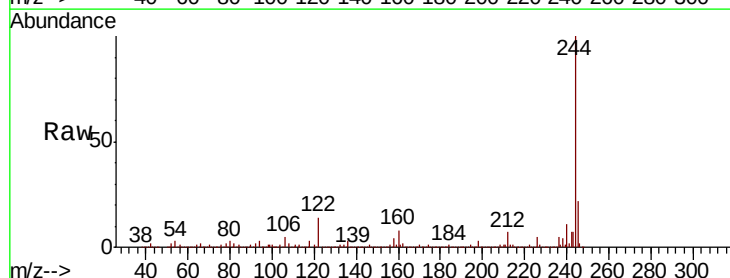
Instrument :
 BNA_F
 ClientSampleId :
 5TH-STREET-SUB

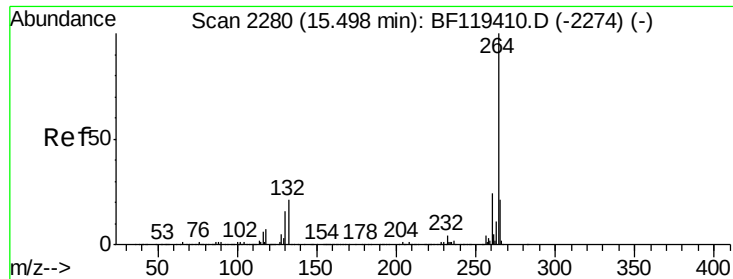
Tot Ion:240 Resp: 846214
 Ion Ratio Lower Upper
 240 100
 120 11.1 10.2 15.4
 236 25.9 20.4 30.6



#79
 Terphenyl-d14
 Concen: 92.574 ng
 RT: 12.97 min Scan# 1850
 Delta R.T. -0.01 min
 Lab File: BF119490.D
 Acq: 24 Mar 2020 14:37

Tgt Ion:244 Resp: 3998395
 Ion Ratio Lower Upper
 244 100
 212 7.4 5.7 8.5
 122 13.8 9.8 14.8

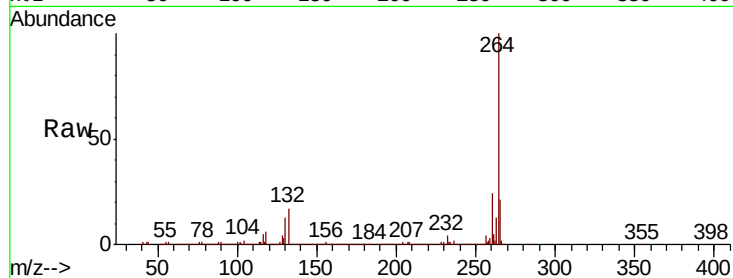




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.49 min Scan# 2278
Delta R.T. -0.01 min
Lab File: BF119490.D
Acq: 24 Mar 2020 14:37

Instrument :
BNA_F
ClientSampleId :
5TH-STREET-SUB

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.2	28.8
265	21.1	16.9	25.3



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

