

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032020\
 Data File : BF119477.D
 Acq On : 20 Mar 2020 17:42
 Operator : CG/JU
 Sample : L1762-20
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TR-05-031920

Quant Time: Mar 20 22:53:15 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

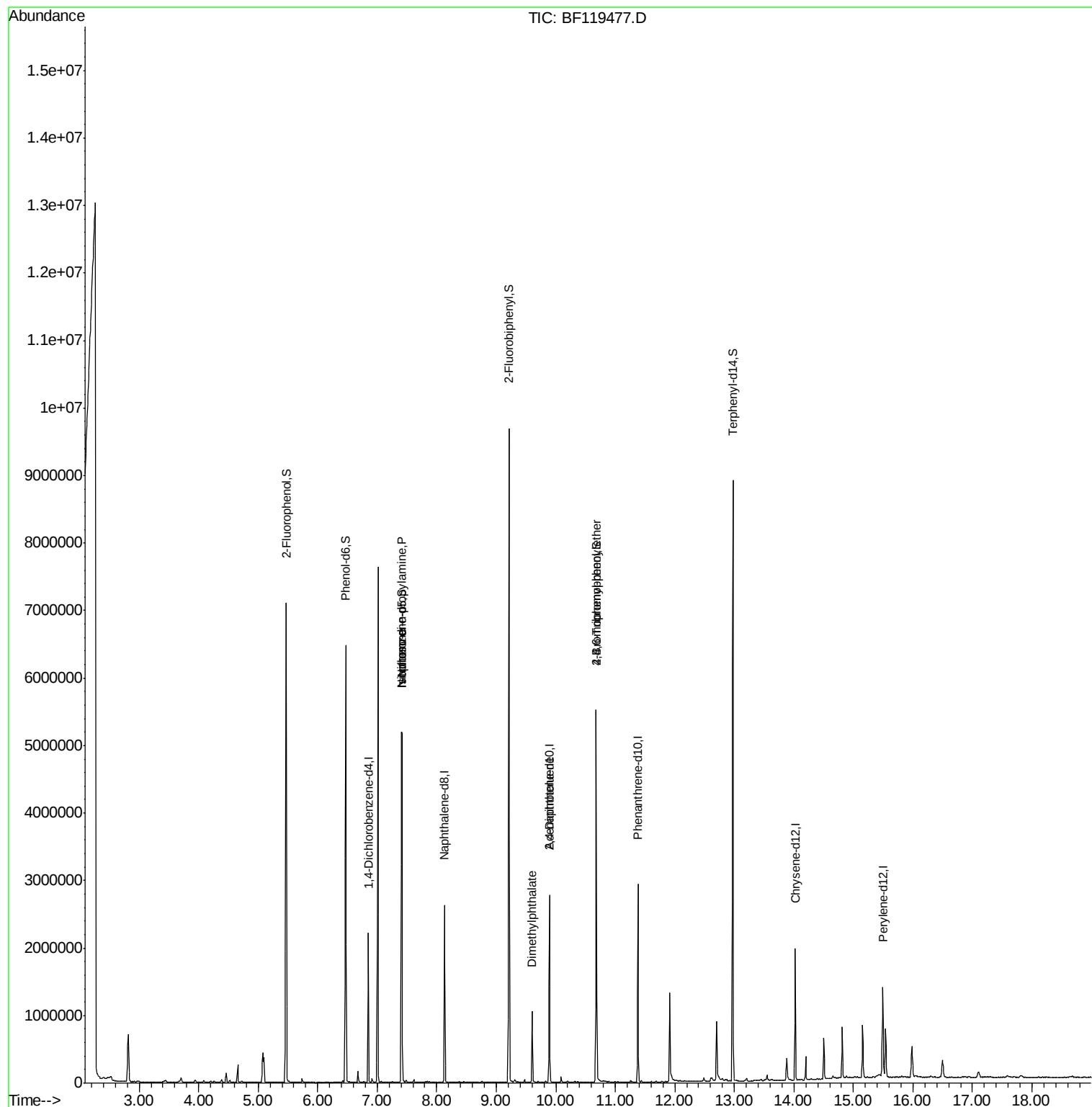
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	289296	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	1086323	20.00	ng	-0.01
39) Acenaphthene-d10	9.89	164	552237	20.00	ng	-0.01
64) Phenanthrene-d10	11.38	188	1041849	20.00	ng	-0.01
76) Chrysene-d12	14.02	240	657977	20.00	ng	-0.01
87) Perylene-d12	15.49	264	633709	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	2047306	112.66	ng	0.02
7) Phenol-d6	6.47	99	2287957	98.56	ng	0.00
23) Nitrobenzene-d5	7.41	82	1782657	89.18	ng	-0.01
42) 2,4,6-Tribromophenol	10.69	330	762489	133.83	ng	0.00
45) 2-Fluorobiphenyl	9.22	172	3043051	81.64	ng	0.00
79) Terphenyl-d14	12.97	244	3373454	100.45	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.41	70	240597	17.19	ng	# 74
25) Isophorone	7.41	82	1782641	43.96	ng	# 66
50) Dimethylphthalate	9.60	163	392444	10.00	ng	99
57) 2,4-Dinitrotoluene	9.89	165	72735	6.87	ng	# 25
67) 4-Bromophenyl-phenylether	10.69	248	47155	3.97	ng	# 1

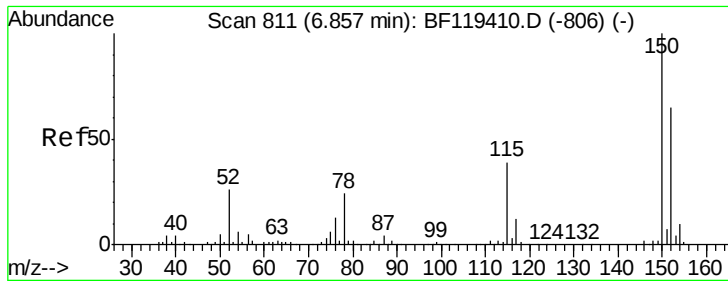
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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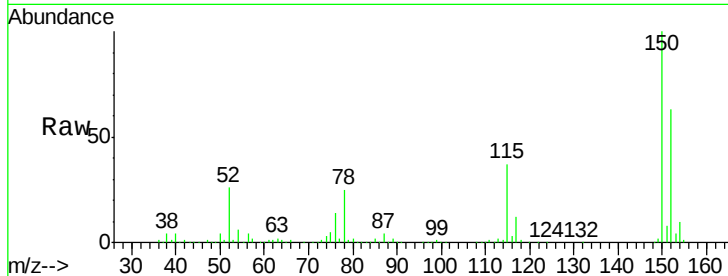


#1

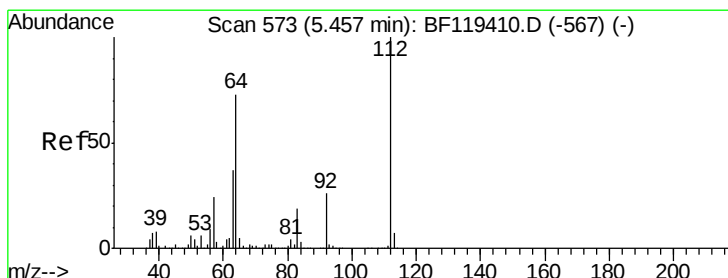
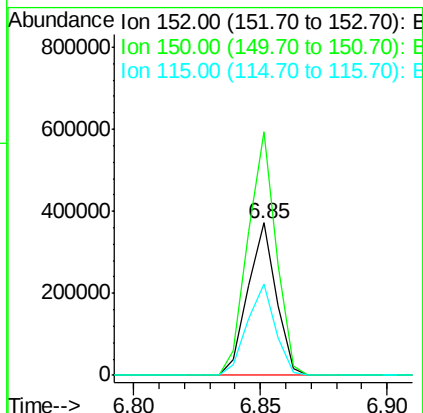
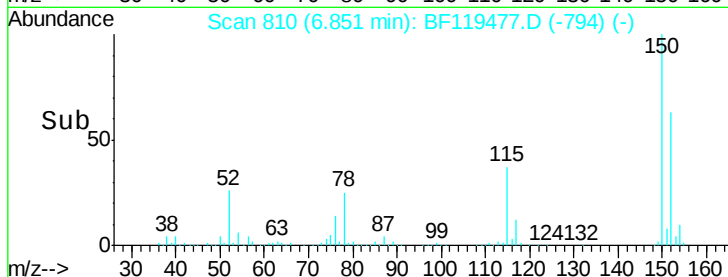
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.85 min Scan# 810
Delta R.T. -0.01 min
Lab File: BF119477.D
Acq: 20 Mar 2020 17:42

Instrument :
BNA_F
ClientSampleId :
TR-05-031920

Tgt Ion:152 Resp: 289296
Ion Ratio Lower Upper
152 100
150 159.5 123.9 185.9
115 59.5 47.8 71.6



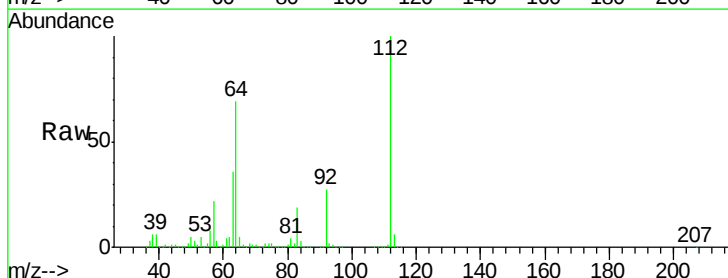
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



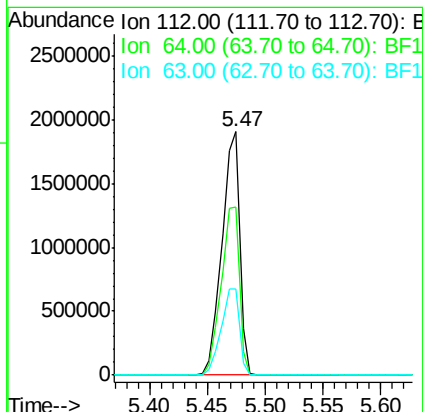
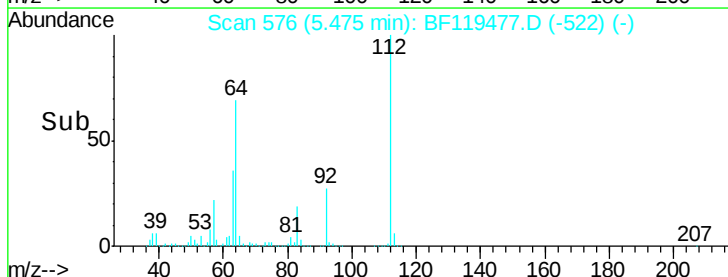
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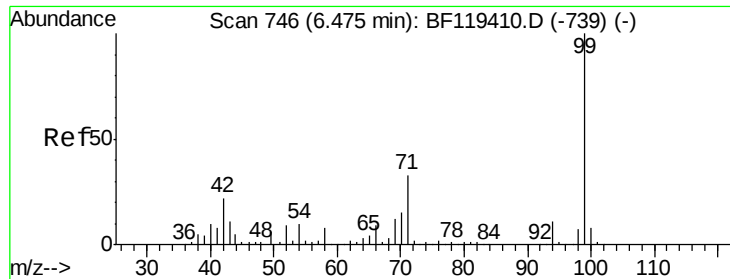
2-Fluorophenol
Concen: 112.66 ng
RT: 5.47 min Scan# 576
Delta R.T. 0.02 min
Lab File: BF119477.D
Acq: 20 Mar 2020 17:42

Tgt Ion:112 Resp: 2047306
Ion Ratio Lower Upper
112 100
64 69.0 58.1 87.1
63 35.5 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: 98.56 ng

RT: 6.47 min Scan# 746

Delta R.T. -0.00 min

Lab File: BF119477.D

Acq: 20 Mar 2020 17:42

Instrument :

BNA_F

ClientSampleId :

TR-05-031920

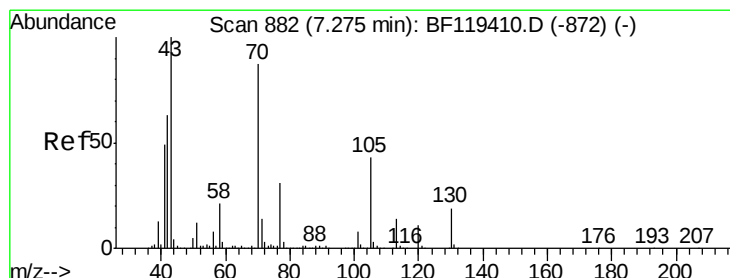
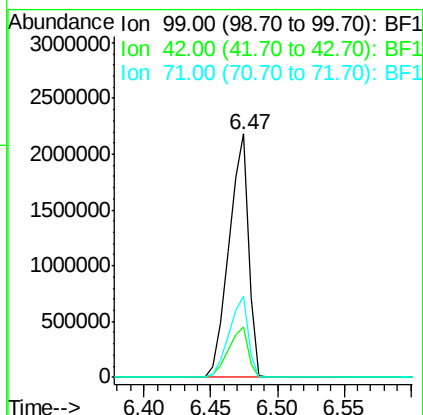
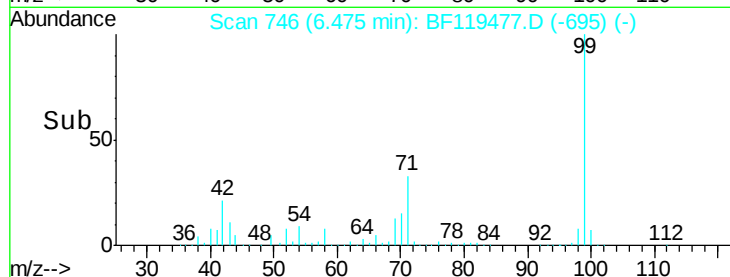
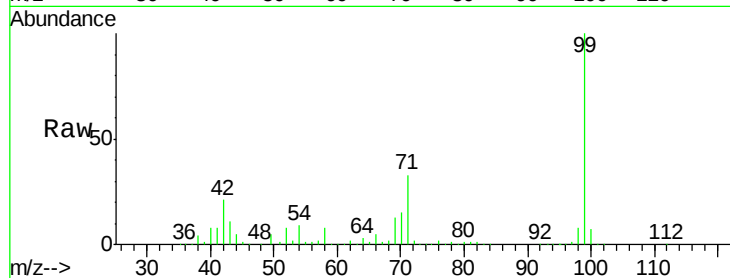
Tgt Ion: 99 Resp: 2287957

Ion Ratio Lower Upper

99 100

42 20.8 17.8 26.6

71 33.1 26.0 39.0



#19

n-Nitroso-di-n-propylamine

Concen: 17.19 ng

RT: 7.41 min Scan# 905

Delta R.T. 0.14 min

Lab File: BF119477.D

Acq: 20 Mar 2020 17:42

Tgt Ion: 70 Resp: 240597

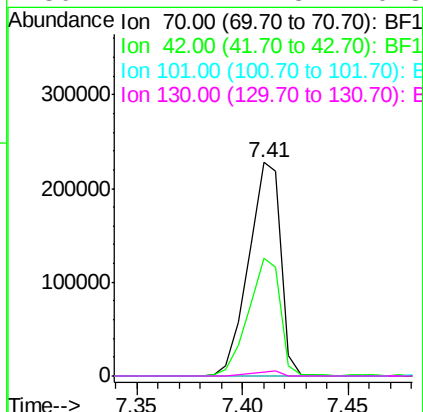
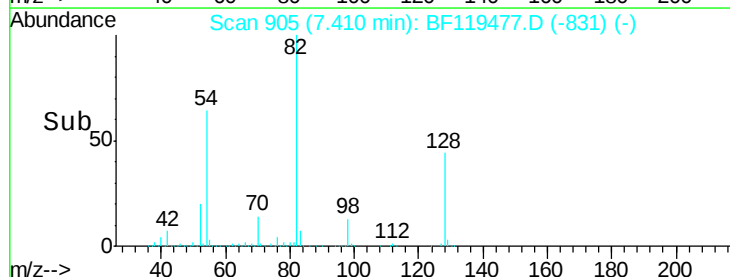
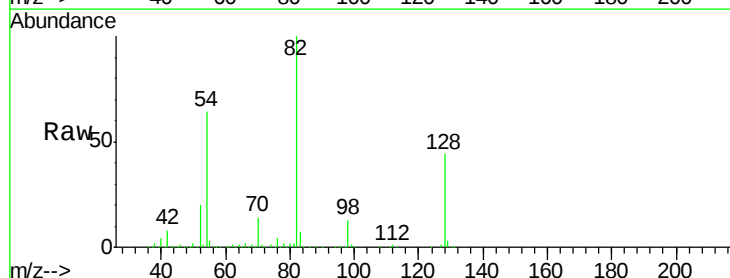
Ion Ratio Lower Upper

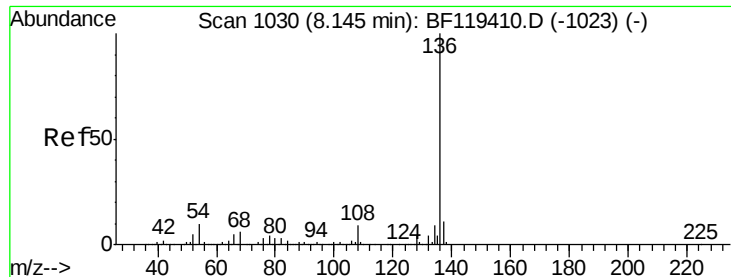
70 100

42 55.0 58.2 87.4#

101 0.0 7.4 11.2#

130 2.1 17.8 26.8#

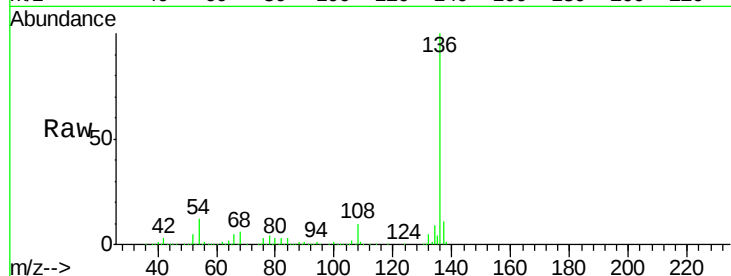




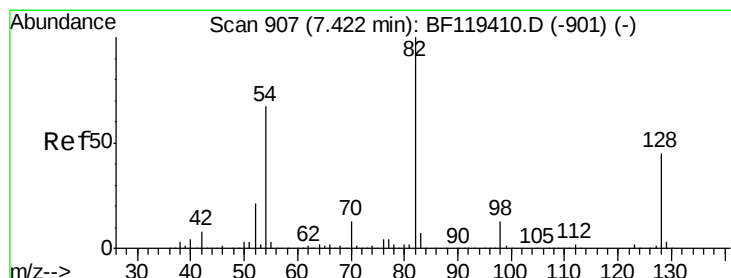
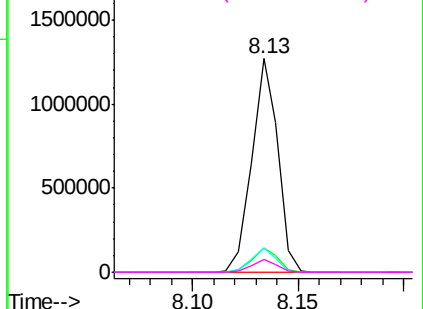
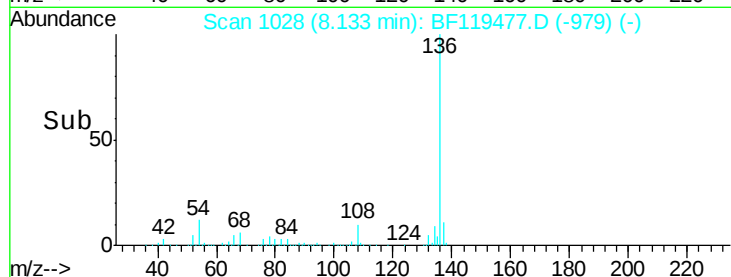
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.13 min Scan# 1028
Delta R.T. -0.01 min
Lab File: BF119477.D
Acq: 20 Mar 2020 17:42

Instrument :
BNA_F
ClientSampleId :
TR-05-031920

Tgt Ion:136	Resp: 1086323
Ion Ratio	Lower Upper
136 100	
137 11.3	8.4 12.6
54 11.6	8.3 12.5
68 6.3	4.9 7.3

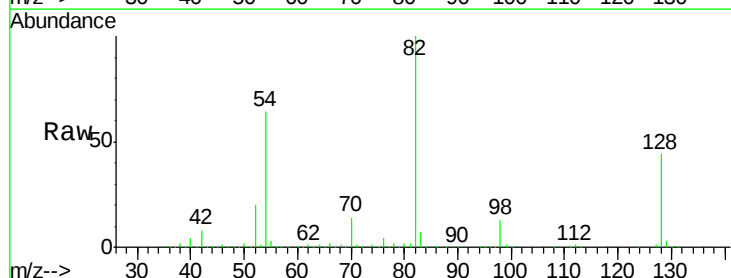


Abundance Ion 136.00 (135.70 to 136.70): E
2000000
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

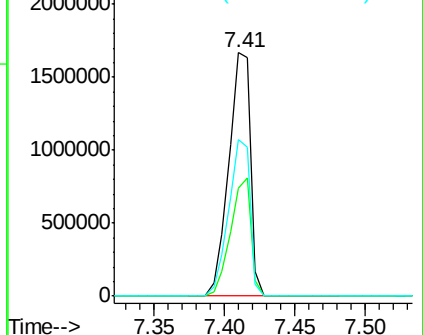
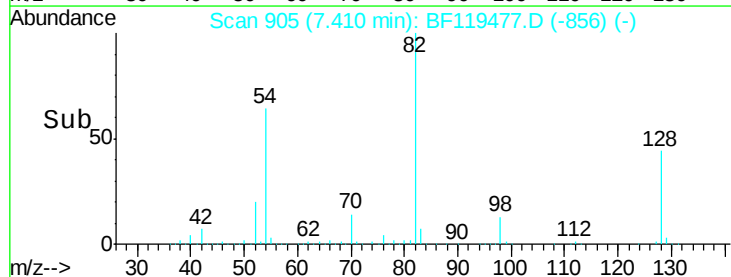


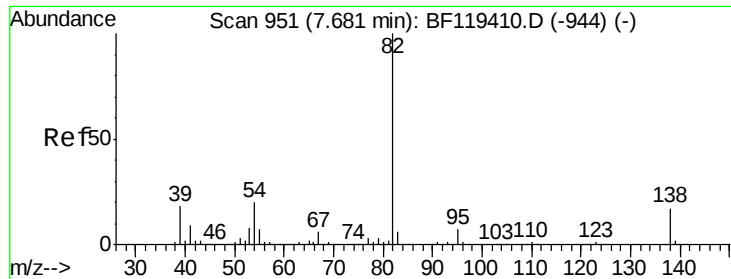
#23
Nitrobenzene-d5
Concen: 89.18 ng
RT: 7.41 min Scan# 905
Delta R.T. -0.01 min
Lab File: BF119477.D
Acq: 20 Mar 2020 17:42

Tgt Ion: 82	Ratio 100	Resp: 1782657	Lower Upper
128	44.2	35.8	53.8
54	64.3	53.4	80.0



Abundance Ion 82.00 (81.70 to 82.70): BF1
2000000
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 43.96 ng

RT: 7.41 min Scan# 905

Delta R.T. -0.27 min

Lab File: BF119477.D

Acq: 20 Mar 2020 17:42

Instrument :

BNA_F

ClientSampleId :

TR-05-031920

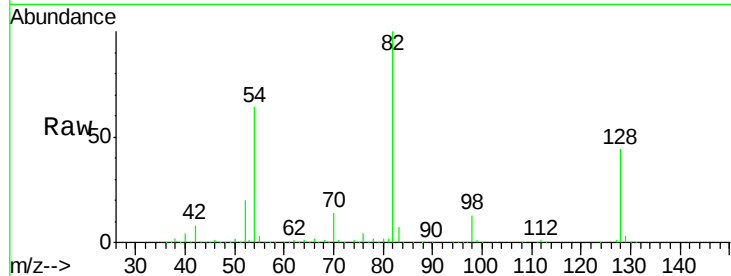
Tgt Ion: 82 Resp: 1782641

Ion Ratio Lower Upper

82 100

95 0.0 5.4 8.2#

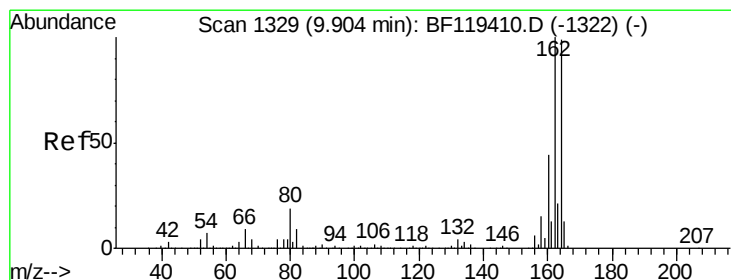
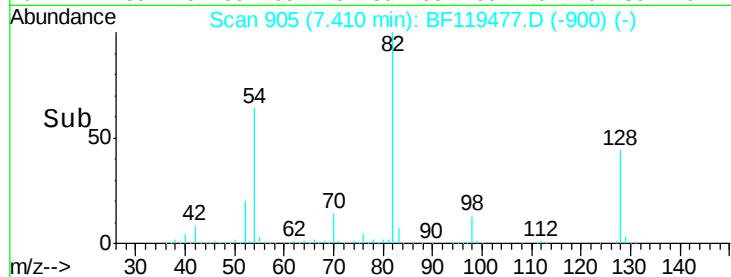
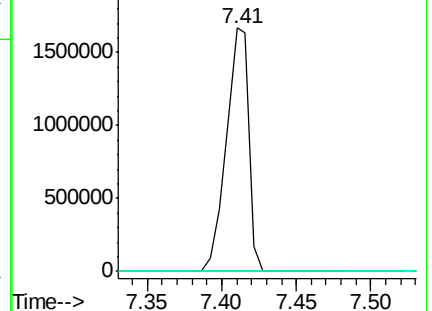
138 0.0 13.8 20.8#



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: 20.00 ng

RT: 9.89 min Scan# 1327

Delta R.T. -0.01 min

Lab File: BF119477.D

Acq: 20 Mar 2020 17:42

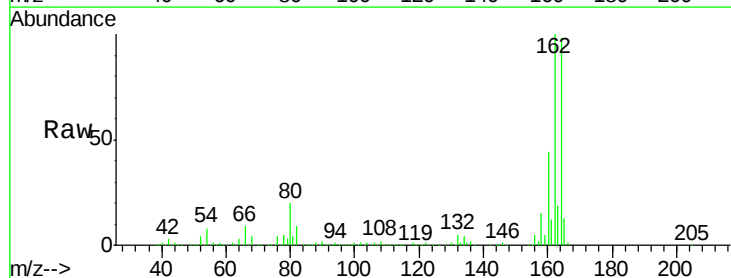
Tgt Ion: 164 Resp: 552237

Ion Ratio Lower Upper

164 100

162 101.8 80.7 121.1

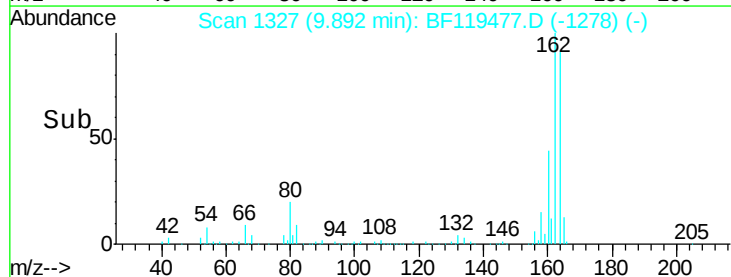
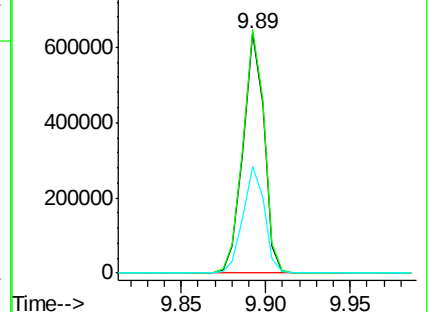
160 44.4 35.5 53.3



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: 133.83 ng

RT: 10.69 min Scan# 1462

Delta R.T. -0.01 min

Lab File: BF119477.D

Acq: 20 Mar 2020 17:42

Instrument :

BNA_F

ClientSampleId :

TR-05-031920

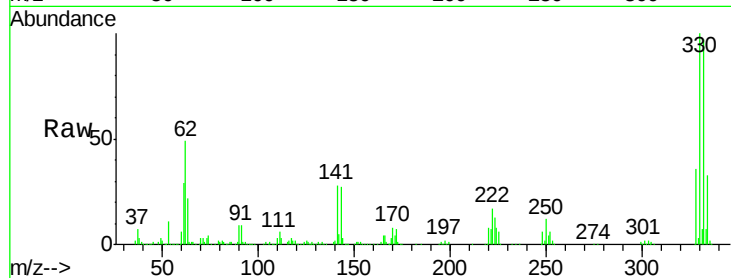
Tgt Ion:330 Resp: 762489

Ion Ratio Lower Upper

330 100

332 96.2 77.6 116.4

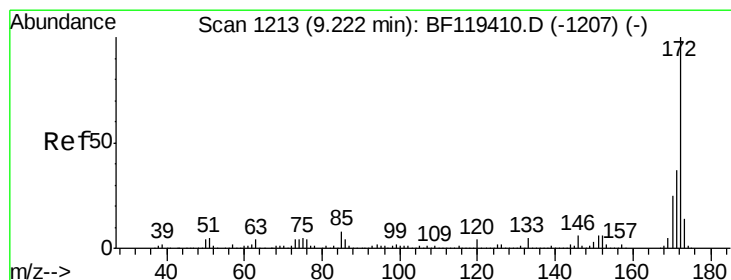
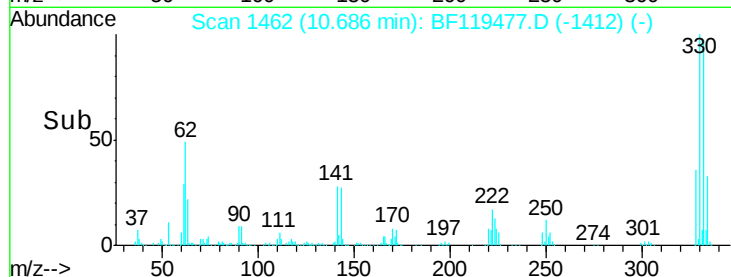
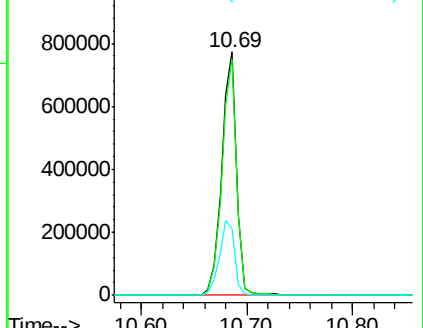
141 32.3 26.6 40.0



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: 81.64 ng

RT: 9.22 min Scan# 1212

Delta R.T. -0.01 min

Lab File: BF119477.D

Acq: 20 Mar 2020 17:42

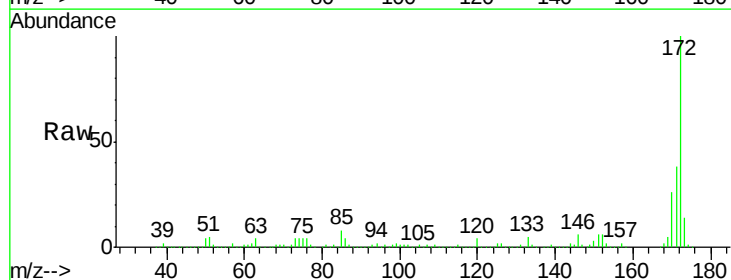
Tgt Ion:172 Resp: 3043051

Ion Ratio Lower Upper

172 100

171 38.2 29.9 44.9

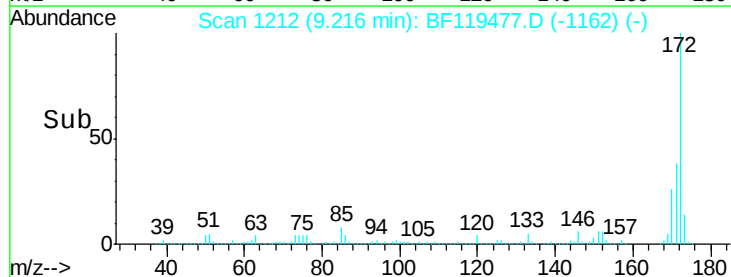
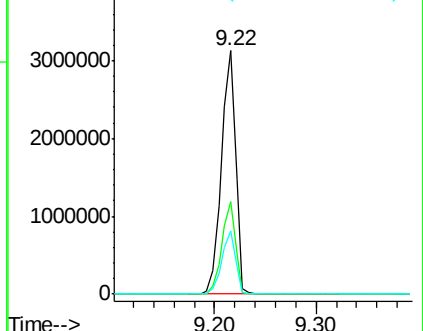
170 25.8 20.1 30.1

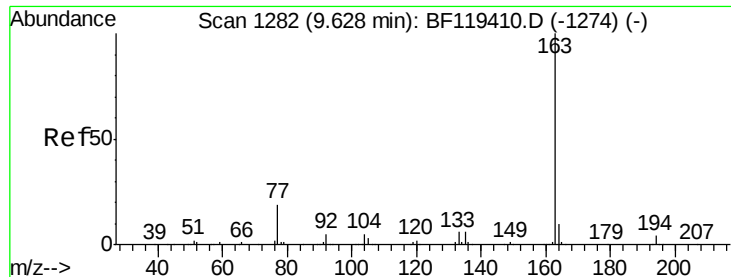


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

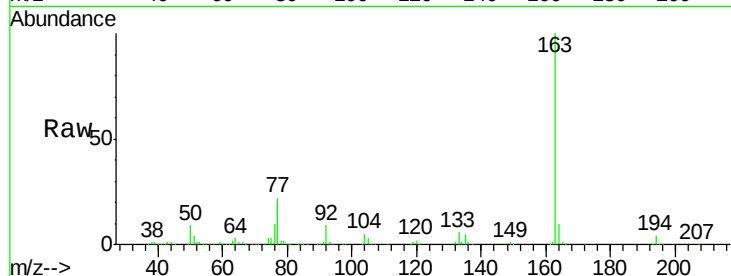




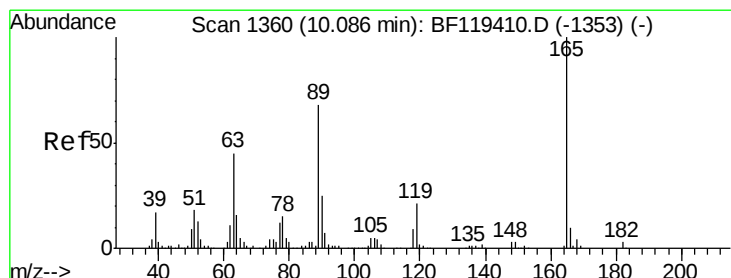
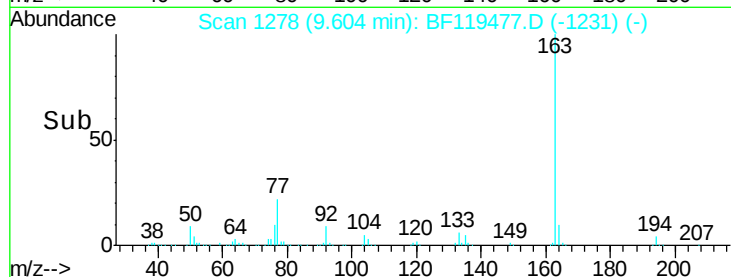
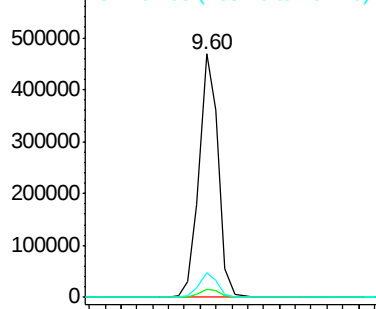
#50
Dimethylphthalate
Concen: 10.00 ng
RT: 9.60 min Scan# 1278
Delta R.T. -0.02 min
Lab File: BF119477.D
Acq: 20 Mar 2020 17:42

Instrument :
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Tgt Ion:163 Resp: 392444
Ion Ratio Lower Upper
163 100
194 3.5 3.2 4.8
164 10.4 8.1 12.1

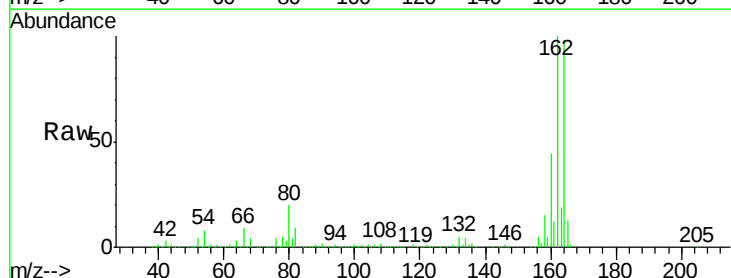


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

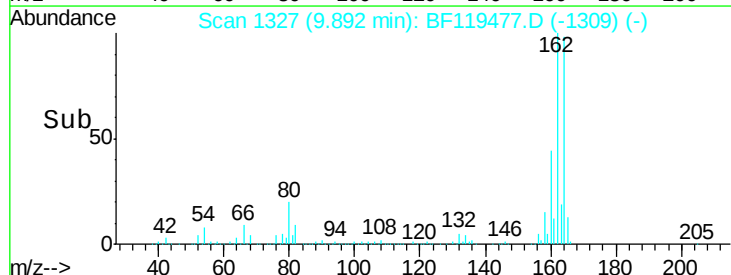
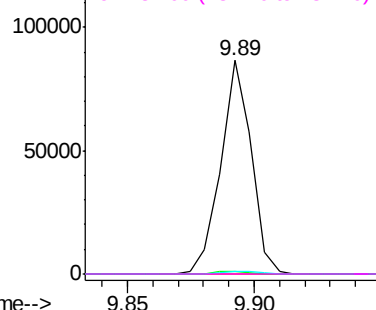


#57
2,4-Dinitrotoluene
Concen: 6.87 ng
RT: 9.89 min Scan# 1327
Delta R.T. -0.19 min
Lab File: BF119477.D
Acq: 20 Mar 2020 17:42

Tgt Ion:165 Resp: 72735
Ion Ratio Lower Upper
165 100
63 1.1 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: 20.00 ng

RT: 11.38 min Scan# 1580

Delta R.T. -0.01 min

Lab File: BF119477.D

Acq: 20 Mar 2020 17:42

Instrument :

BNA_F

ClientSampleId :

TR-05-031920

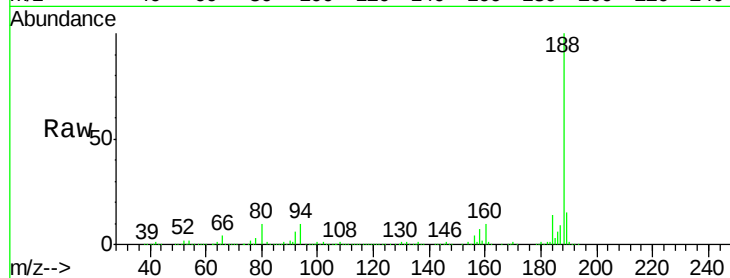
Tgt Ion:188 Resp: 1041849

Ion Ratio Lower Upper

188 100

94 9.8 7.1 10.7

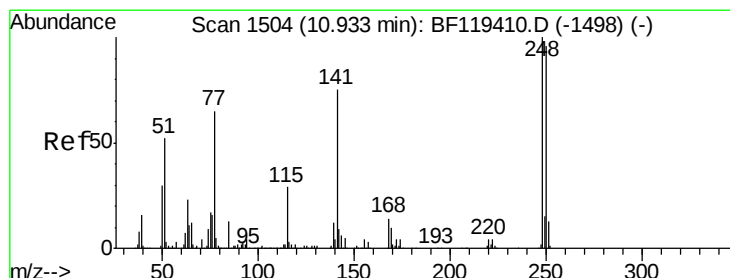
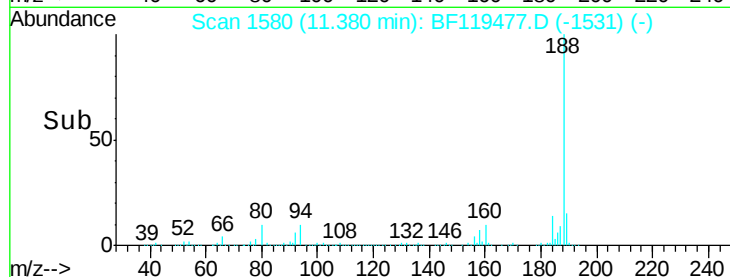
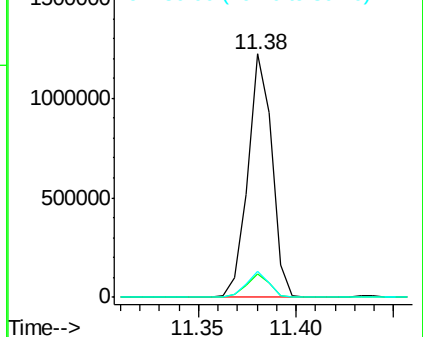
80 10.5 7.5 11.3



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: 3.97 ng

RT: 10.69 min Scan# 1462

Delta R.T. -0.25 min

Lab File: BF119477.D

Acq: 20 Mar 2020 17:42

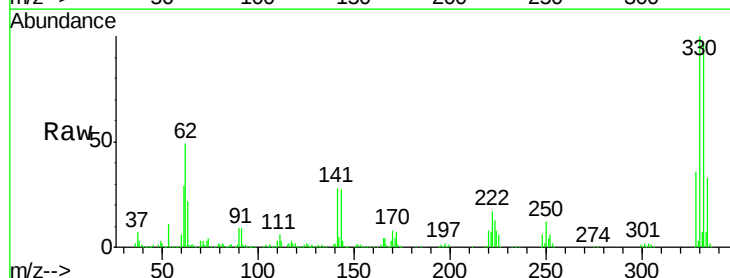
Tgt Ion:248 Resp: 47155

Ion Ratio Lower Upper

248 100

250 197.3 77.0 115.6#

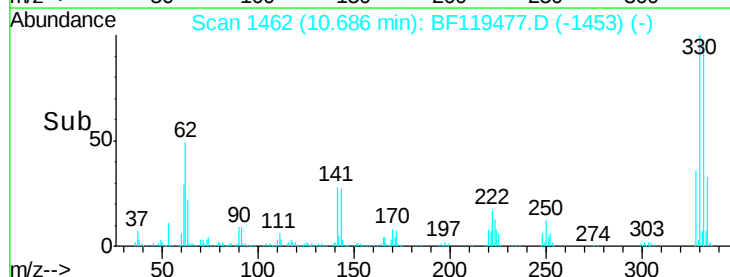
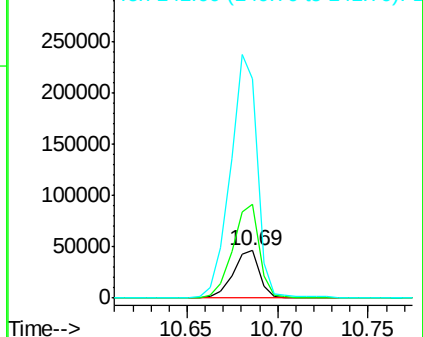
141 461.9 59.7 89.5#

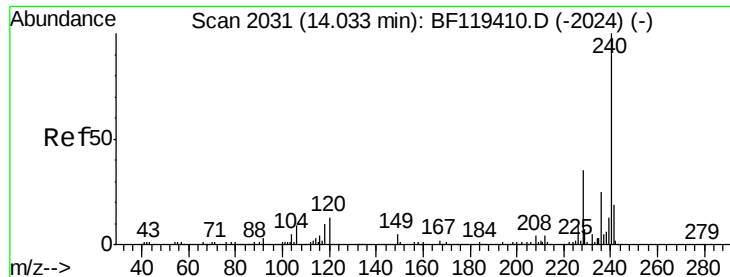


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#76

Chrysene-d12

Concen: 20.00 ng

RT: 14.02 min Scan# 2029

Delta R.T. -0.01 min

Lab File: BF119477.D

Acq: 20 Mar 2020 17:42

Instrument :

BNA_F

ClientSampleId :

TR-05-031920

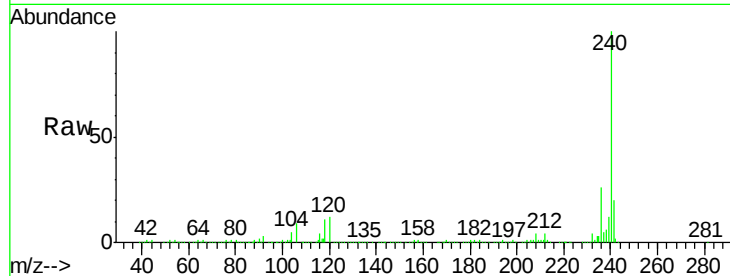
Tgt Ion:240 Resp: 657977

Ion Ratio Lower Upper

240 100

120 12.2 10.2 15.4

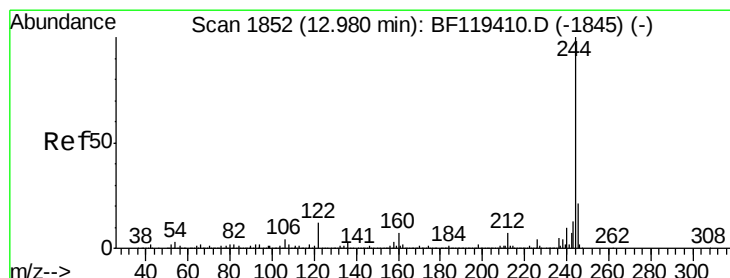
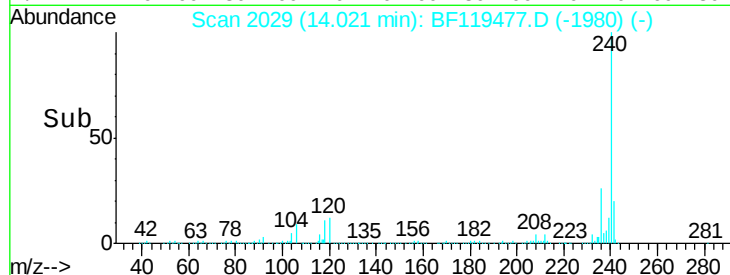
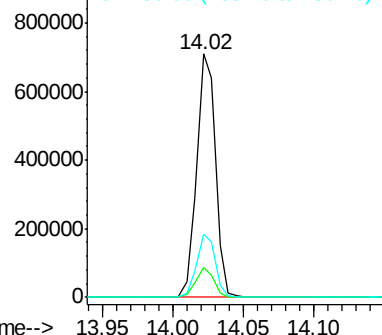
236 25.8 20.4 30.6



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: 100.45 ng

RT: 12.97 min Scan# 1851

Delta R.T. -0.01 min

Lab File: BF119477.D

Acq: 20 Mar 2020 17:42

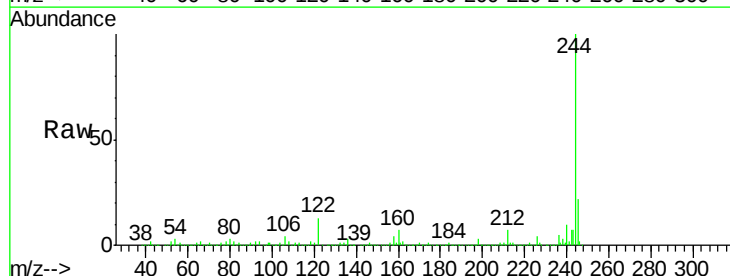
Tgt Ion:244 Resp: 3373454

Ion Ratio Lower Upper

244 100

212 7.1 5.7 8.5

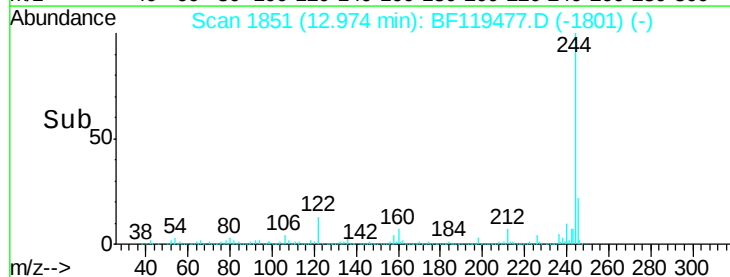
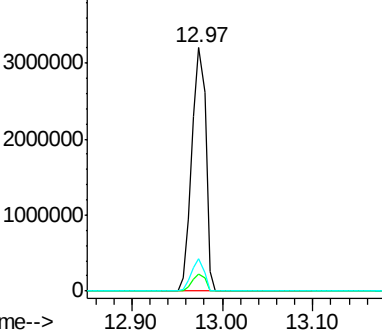
122 13.1 9.8 14.8

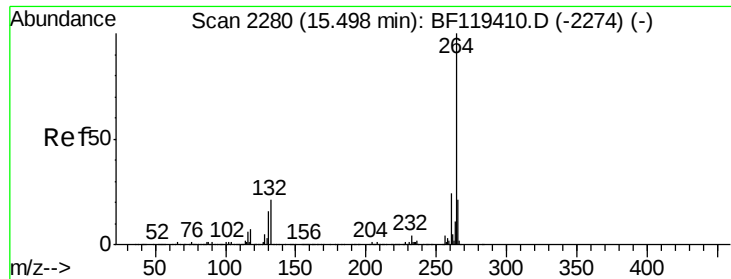


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#87
Perylene-d12
Concen: 20.00 ng
RT: 15.49 min Scan# 2279
Delta R.T. -0.01 min
Lab File: BF119477.D
Acq: 20 Mar 2020 17:42

Instrument :
BNA_F
ClientSampleId :
TR-05-031920

Tgt Ion:264 Resp: 633709

Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.2	28.8
265	21.8	16.9	25.3

