

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032020\
 Data File : BF119479.D
 Acq On : 20 Mar 2020 18:42
 Operator : CG/JU
 Sample : L1755-05
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OK-01-031920

Quant Time: Mar 20 22:53:33 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

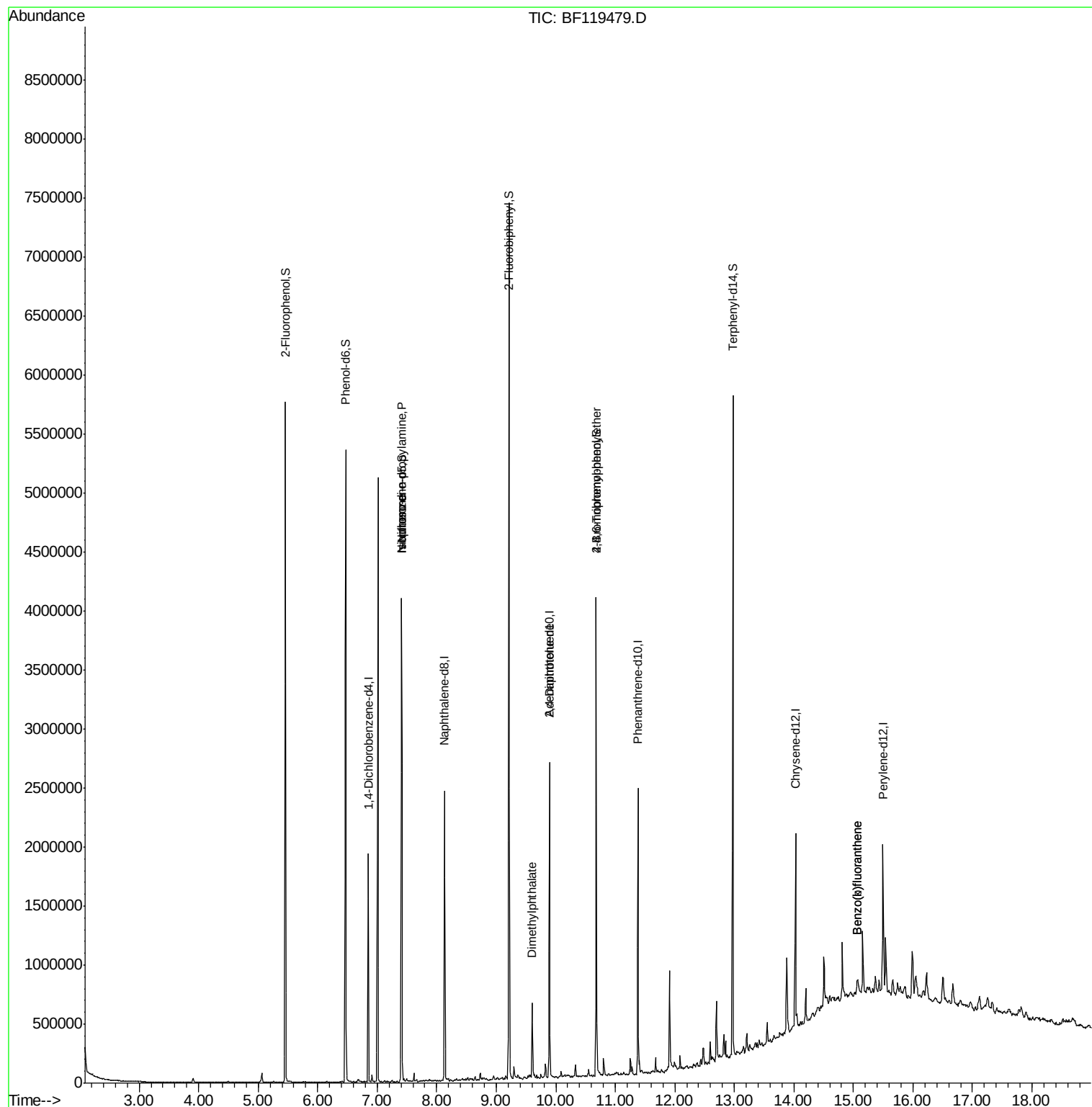
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	270684	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	990079	20.00	ng	-0.01
39) Acenaphthene-d10	9.89	164	489073	20.00	ng	-0.01
64) Phenanthrene-d10	11.38	188	848179	20.00	ng	-0.01
76) Chrysene-d12	14.03	240	583552	20.00	ng	0.00
87) Perylene-d12	15.50	264	644832	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	1590202	93.52	ng	0.00
7) Phenol-d6	6.47	99	1999106	92.04	ng	0.00
23) Nitrobenzene-d5	7.41	82	1219954	66.97	ng	-0.01
42) 2,4,6-Tribromophenol	10.68	330	473574	93.86	ng	-0.01
45) 2-Fluorobiphenyl	9.22	172	2176329	65.92	ng	0.00
79) Terphenyl-d14	12.97	244	1965106	65.98	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.41	70	164981	12.60	ng	# 75
25) Isophorone	7.41	82	1217320	32.94	ng	# 66
50) Dimethylphthalate	9.60	163	228846	6.59	ng	99
57) 2,4-Dinitrotoluene	9.89	165	65233	6.95	ng	# 25
67) 4-Bromophenyl-phenylether	10.68	248	30205	3.13	ng	# 1
88) Benzo(b)fluoranthene	15.07	252	89695	2.08	ng	# 77
89) Benzo(k)fluoranthene	15.07	252	89695	2.19	ng	# 77

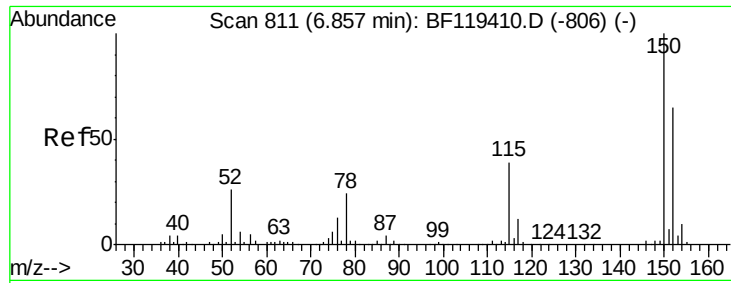
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032020\
Data File : BF119479.D
Acq On : 20 Mar 2020 18:42
Operator : CG/JU
Sample : L1755-05
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OK-01-031920

Quant Time: Mar 20 22:53:33 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



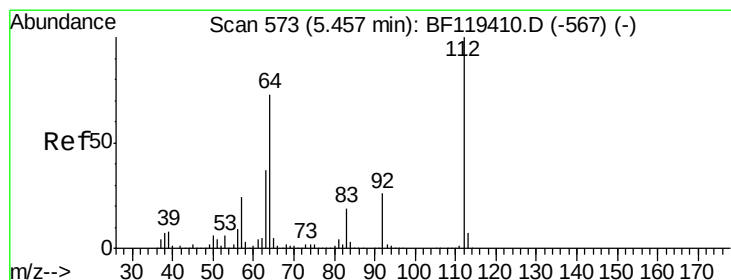
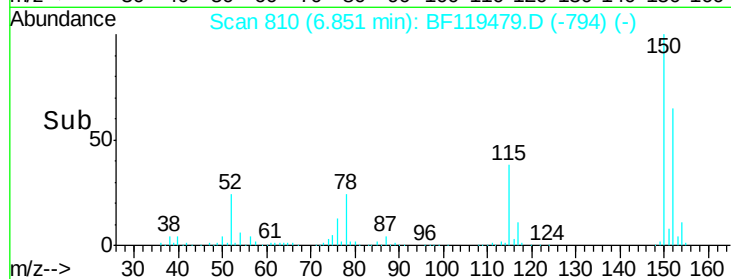
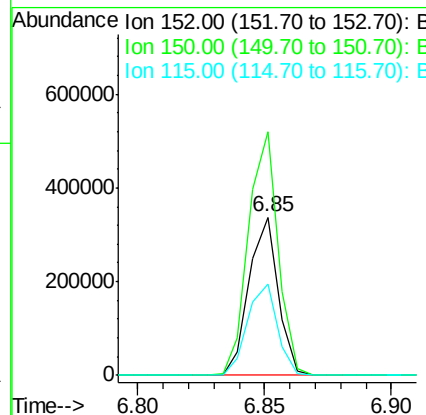
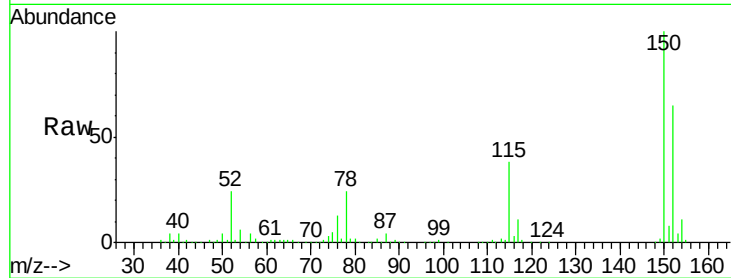


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.85 min Scan# 810
Delta R.T. -0.01 min
Lab File: BF119479.D
Acq: 20 Mar 2020 18:42

Instrument :
BNA_F
ClientSampleId :
OK-01-031920

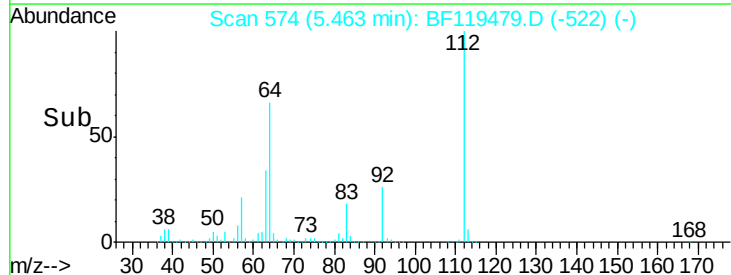
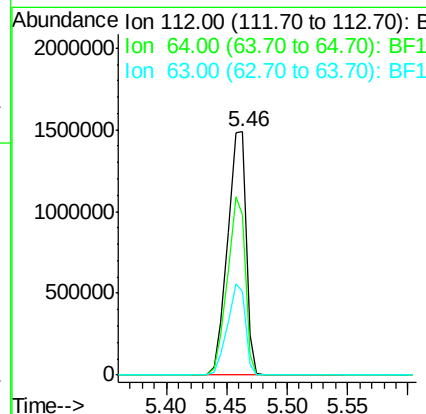
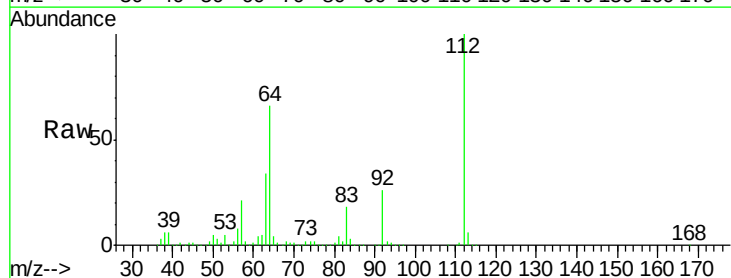
Tgt Ion:152 Resp: 270684
Ion Ratio Lower Upper
152 100
150 154.1 123.9 185.9
115 58.0 47.8 71.6

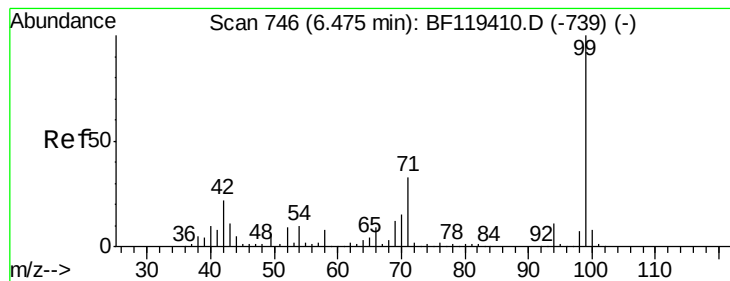


#5

2-Fluorophenol
Concen: 93.52 ng
RT: 5.46 min Scan# 574
Delta R.T. 0.01 min
Lab File: BF119479.D
Acq: 20 Mar 2020 18:42

Tgt Ion:112 Resp: 1590202
Ion Ratio Lower Upper
112 100
64 65.7 58.1 87.1
63 34.4 29.7 44.5





#7

Phenol-d6

Concen: 92.04 ng

RT: 6.47 min Scan# 745

Delta R.T. -0.01 min

Lab File: BF119479.D

Acq: 20 Mar 2020 18:42

Instrument :

BNA_F

ClientSampleId :

OK-01-031920

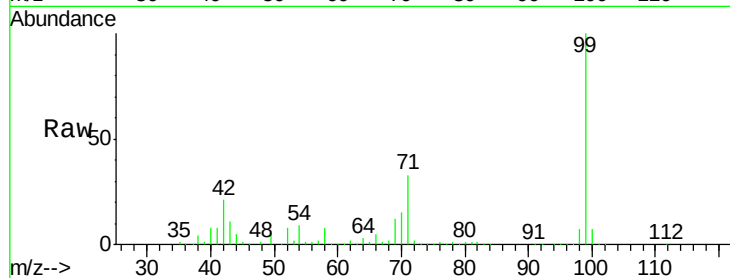
Tgt Ion: 99 Resp: 1999106

Ion Ratio Lower Upper

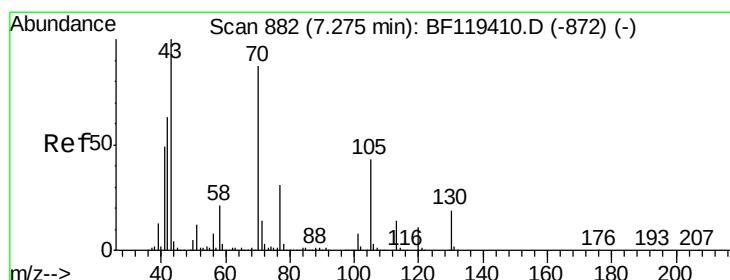
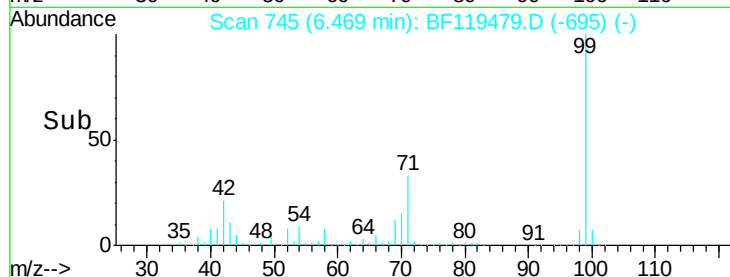
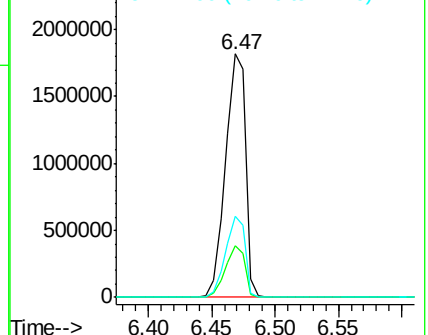
99 100

42 21.4 17.8 26.6

71 33.3 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: 12.60 ng

RT: 7.41 min Scan# 905

Delta R.T. 0.14 min

Lab File: BF119479.D

Acq: 20 Mar 2020 18:42

Tgt Ion: 70 Resp: 164981

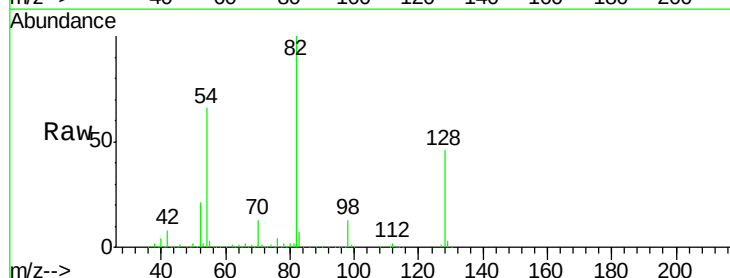
Ion Ratio Lower Upper

70 100

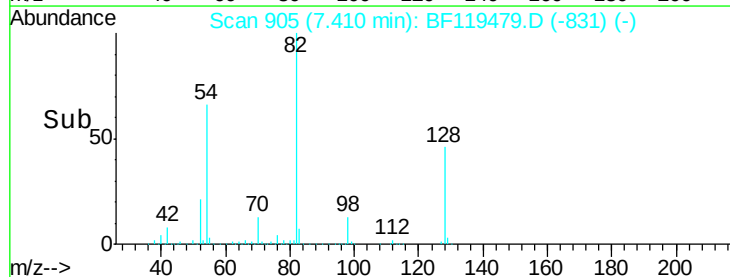
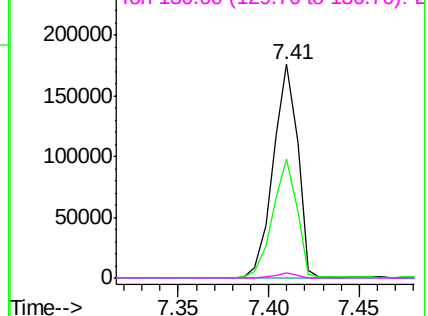
42 56.0 58.2 87.4#

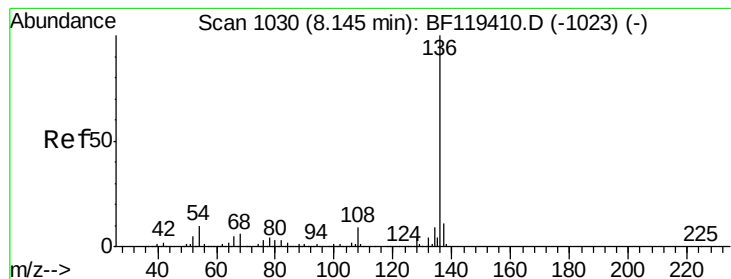
101 0.0 7.4 11.2#

130 2.4 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: 20.00 ng

RT: 8.13 min Scan# 1028

Delta R.T. -0.01 min

Lab File: BF119479.D

Acq: 20 Mar 2020 18:42

Instrument :

BNA_F

ClientSampleId :

OK-01-031920

Tgt Ion:136 Resp: 990079

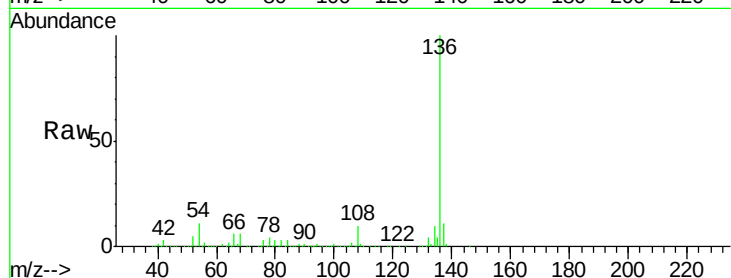
Ion Ratio Lower Upper

136 100

137 11.5 8.4 12.6

54 11.4 8.3 12.5

68 6.0 4.9 7.3

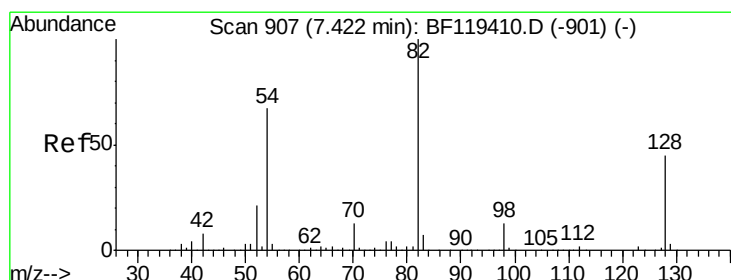
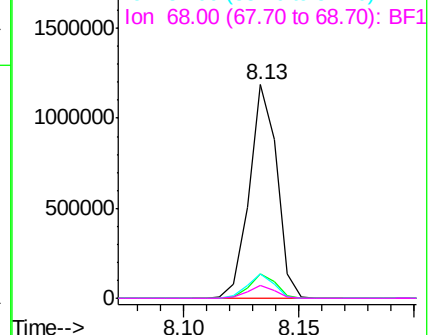
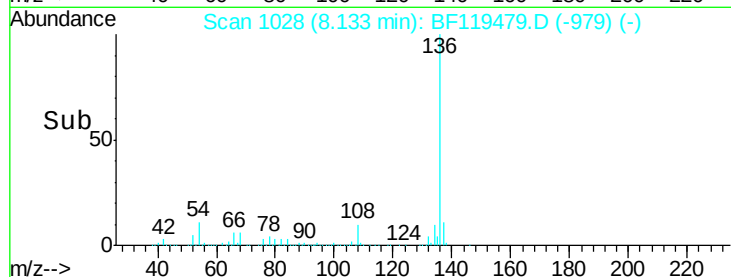


Abundance Ion 136.00 (135.70 to 136.70): E

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: 66.97 ng

RT: 7.41 min Scan# 905

Delta R.T. -0.01 min

Lab File: BF119479.D

Acq: 20 Mar 2020 18:42

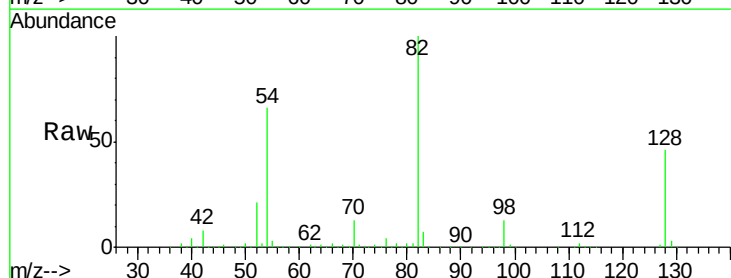
Tgt Ion: 82 Resp: 1219954

Ion Ratio Lower Upper

82 100

128 46.3 35.8 53.8

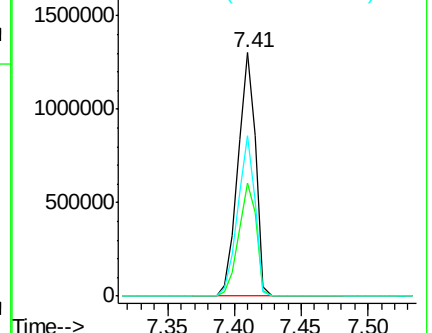
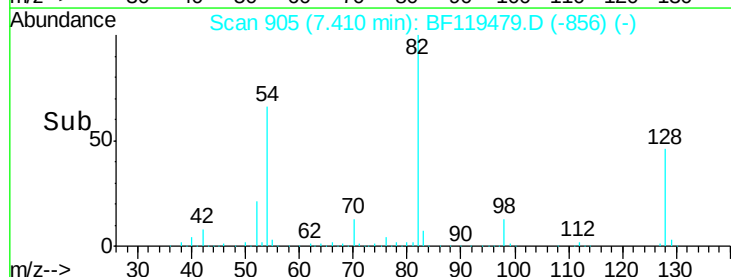
54 65.9 53.4 80.0

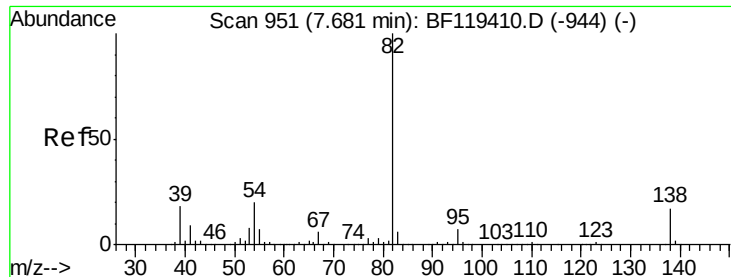


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 32.94 ng

RT: 7.41 min Scan# 905

Delta R.T. -0.27 min

Lab File: BF119479.D

Acq: 20 Mar 2020 18:42

Instrument :

BNA_F

ClientSampleId :

OK-01-031920

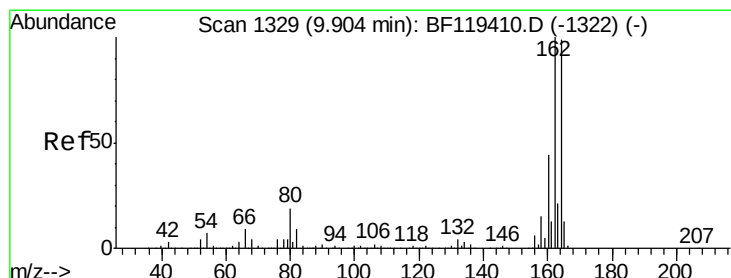
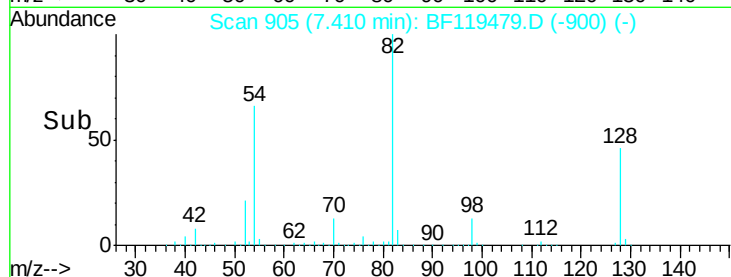
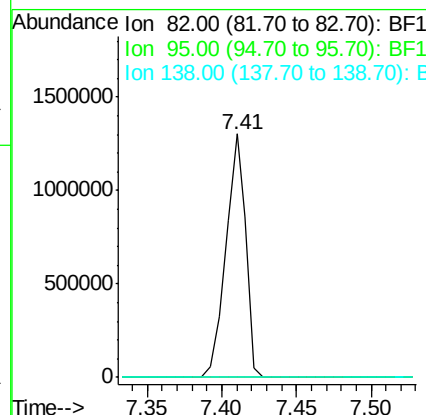
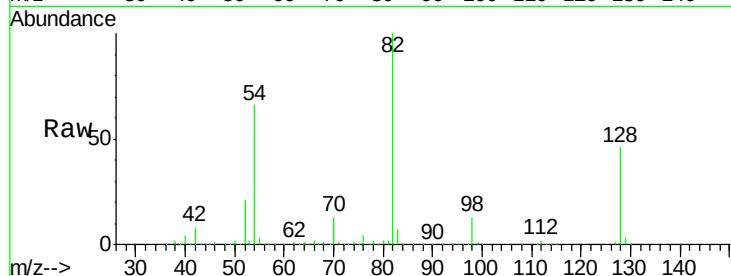
Tgt Ion: 82 Resp: 1217320

Ion Ratio Lower Upper

82 100

95 0.0 5.4 8.2#

138 0.0 13.8 20.8#



#39

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.89 min Scan# 1327

Delta R.T. -0.01 min

Lab File: BF119479.D

Acq: 20 Mar 2020 18:42

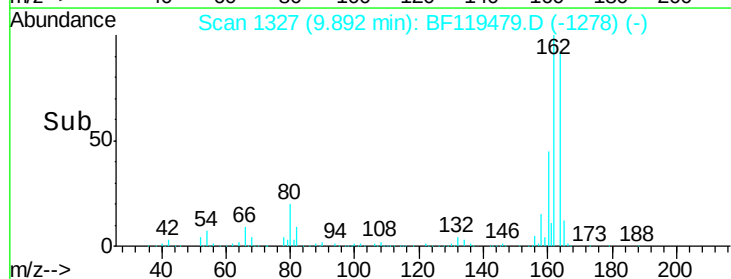
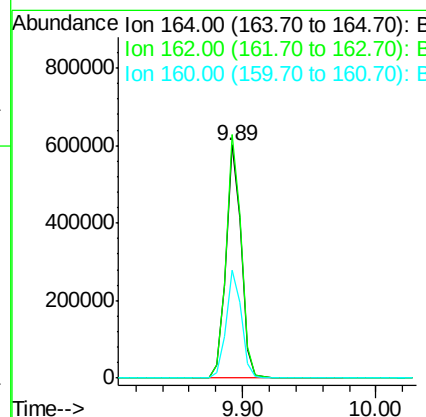
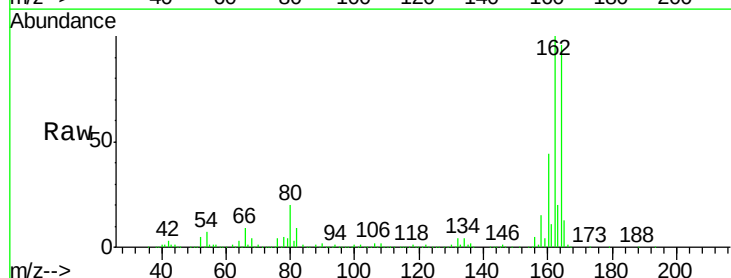
Tgt Ion: 164 Resp: 489073

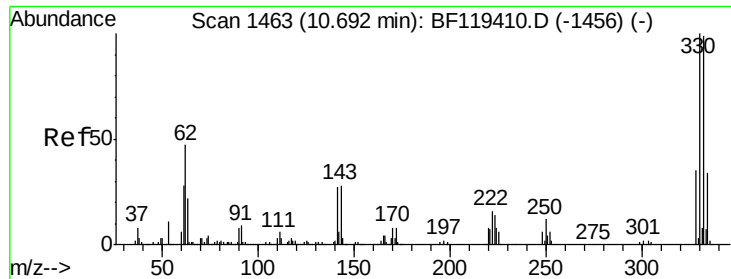
Ion Ratio Lower Upper

164 100

162 104.3 80.7 121.1

160 46.4 35.5 53.3





#42

2,4,6-Tribromophenol

Concen: 93.86 ng

RT: 10.68 min Scan# 1461

Delta R.T. -0.01 min

Lab File: BF119479.D

Acq: 20 Mar 2020 18:42

Instrument :

BNA_F

ClientSampleId :

OK-01-031920

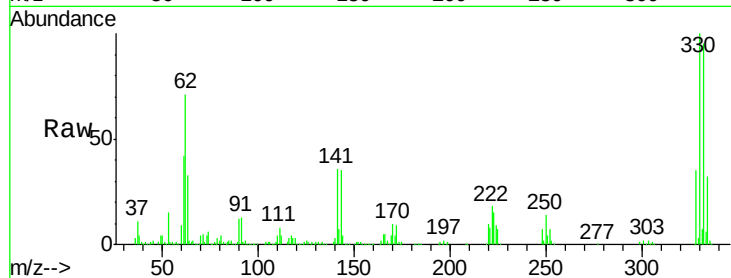
Tgt Ion:330 Resp: 473574

Ion Ratio Lower Upper

330 100

332 97.0 77.6 116.4

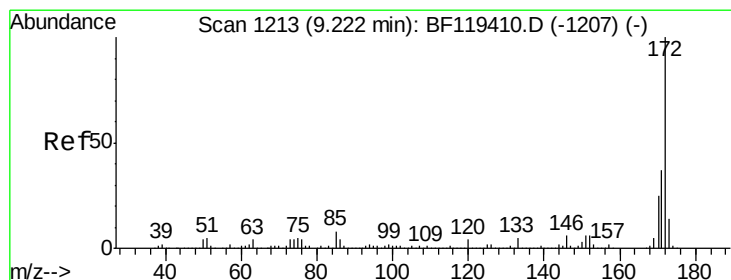
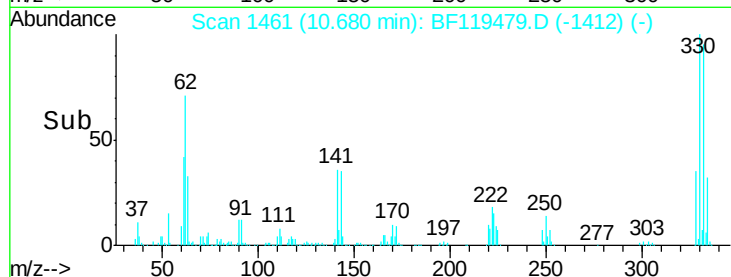
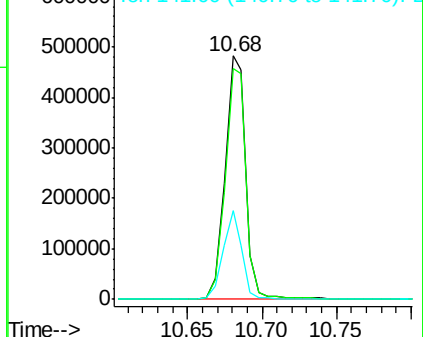
141 33.5 26.6 40.0



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: 65.92 ng

RT: 9.22 min Scan# 1212

Delta R.T. -0.01 min

Lab File: BF119479.D

Acq: 20 Mar 2020 18:42

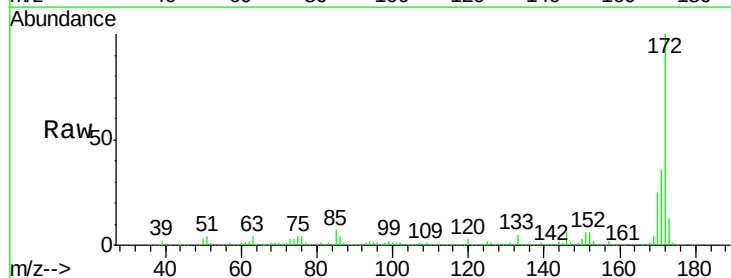
Tgt Ion:172 Resp: 2176329

Ion Ratio Lower Upper

172 100

171 36.3 29.9 44.9

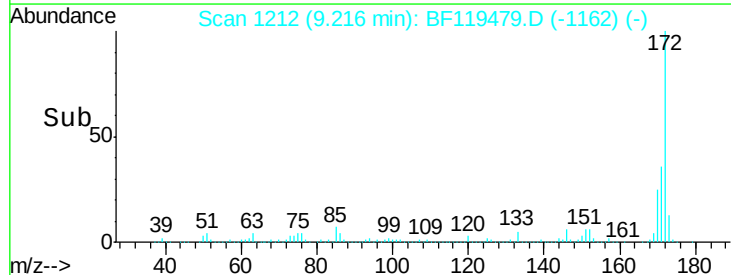
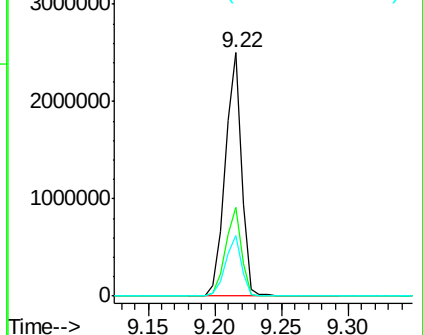
170 24.9 20.1 30.1

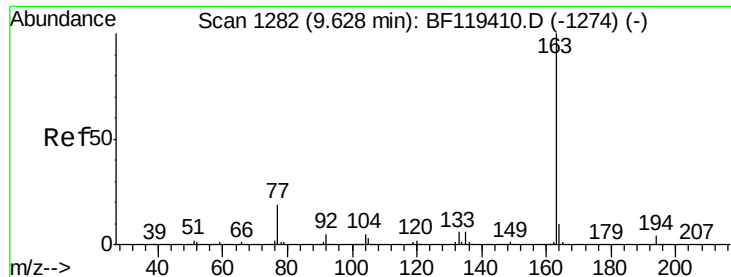


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

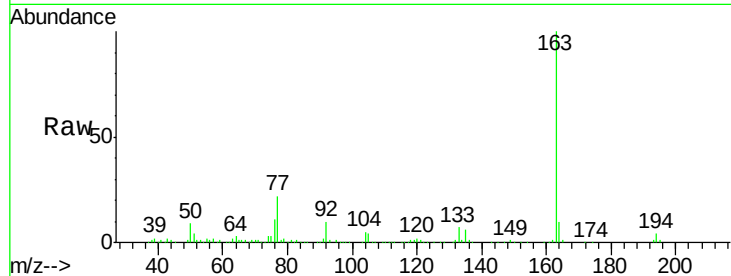




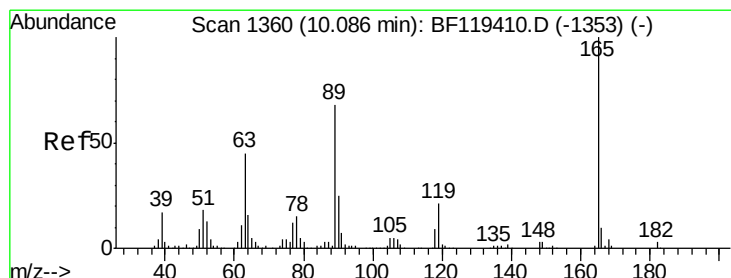
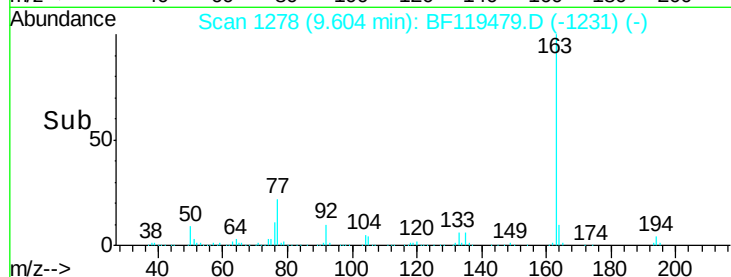
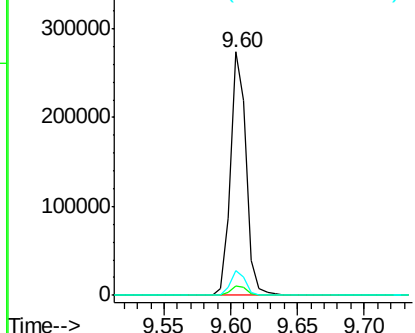
#50
Dimethylphthalate
Concen: 6.59 ng
RT: 9.60 min Scan# 1278
Delta R.T. -0.02 min
Lab File: BF119479.D
Acq: 20 Mar 2020 18:42

Instrument :
BNA_F
ClientSampleId :
OK-01-031920

Tgt Ion:163 Resp: 228846
Ion Ratio Lower Upper
163 100
194 3.9 3.2 4.8
164 10.4 8.1 12.1

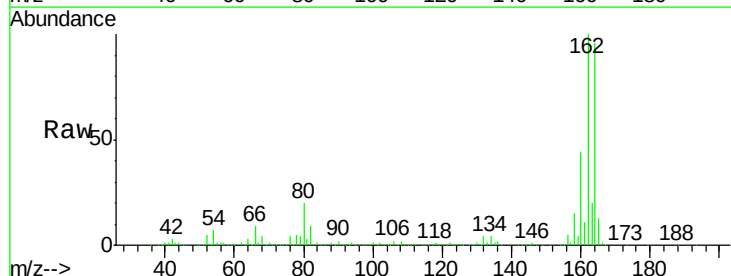


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

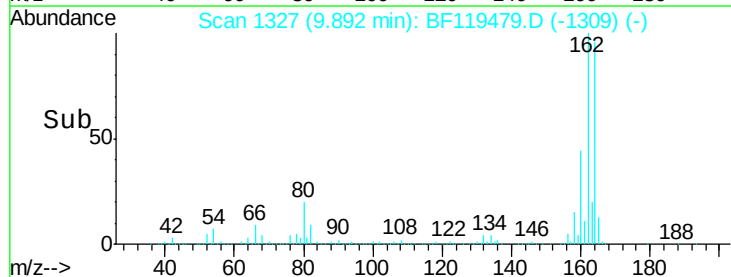
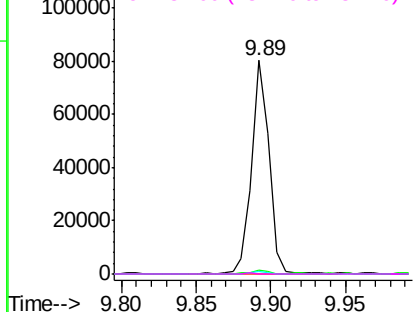


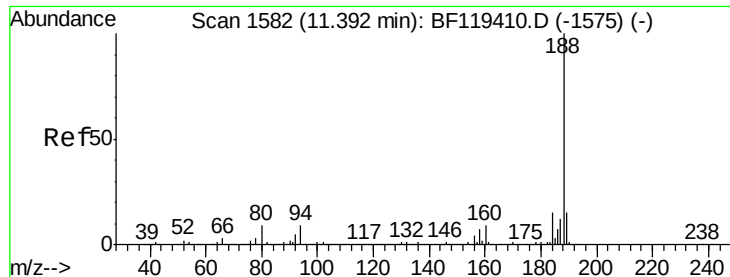
#57
2,4-Dinitrotoluene
Concen: 6.95 ng
RT: 9.89 min Scan# 1327
Delta R.T. -0.19 min
Lab File: BF119479.D
Acq: 20 Mar 2020 18:42

Tgt Ion:165 Resp: 65233
Ion Ratio Lower Upper
165 100
63 1.9 36.2 54.4#
89 1.0 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: BF119479.D

Acq: 20 Mar 2020 18:42

Instrument :

BNA_F

ClientSampleId :

OK-01-031920

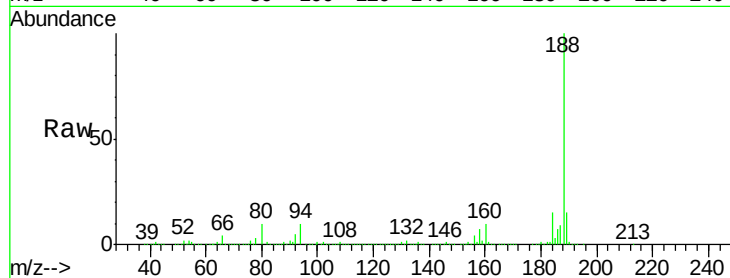
Tgt Ion:188 Resp: 848179

Ion Ratio Lower Upper

188 100

94 9.7 7.1 10.7

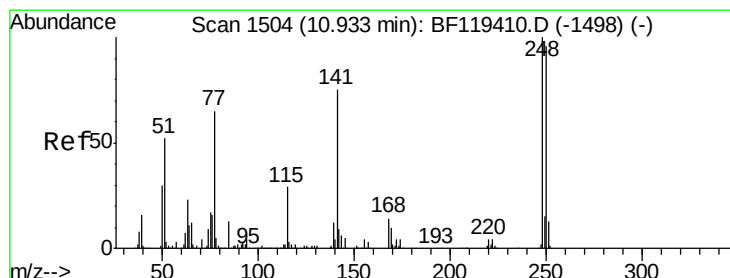
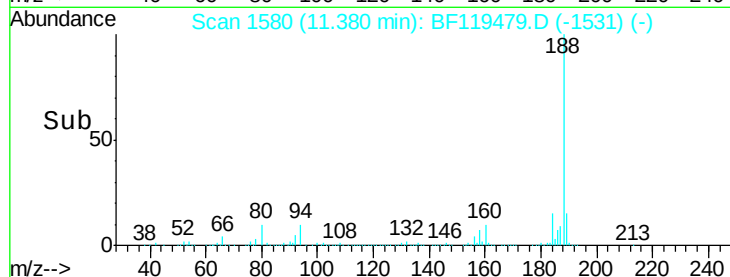
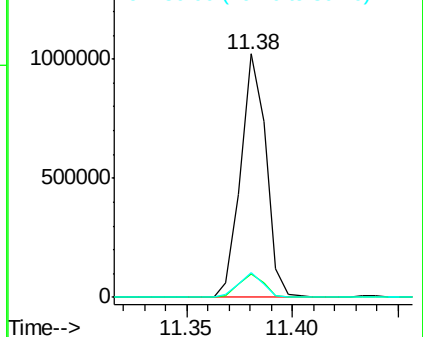
80 10.4 7.5 11.3



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: 3.13 ng

RT: 10.68 min Scan# 1461

Delta R.T. -0.25 min

Lab File: BF119479.D

Acq: 20 Mar 2020 18:42

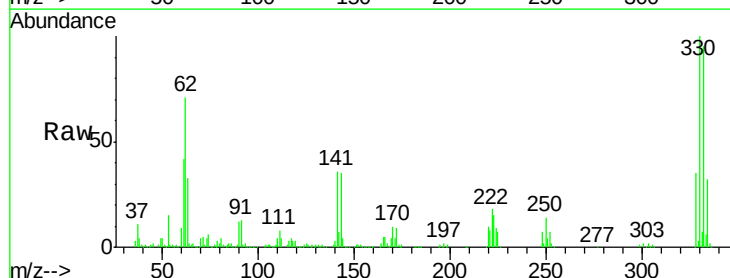
Tgt Ion:248 Resp: 30205

Ion Ratio Lower Upper

248 100

250 201.2 77.0 115.6#

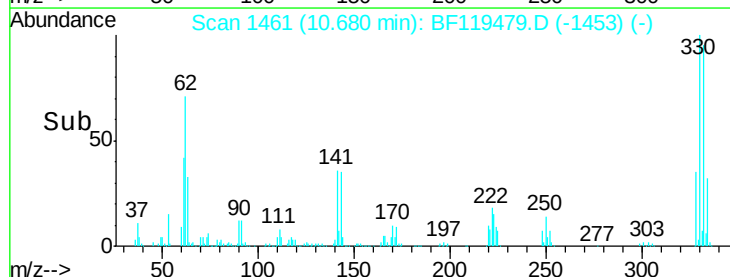
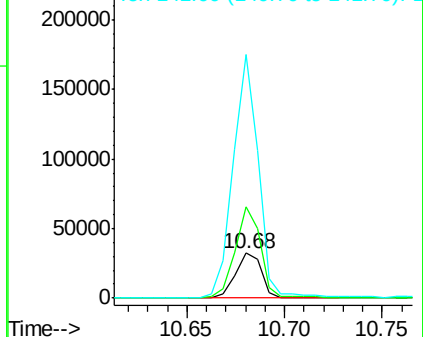
141 540.3 59.7 89.5#

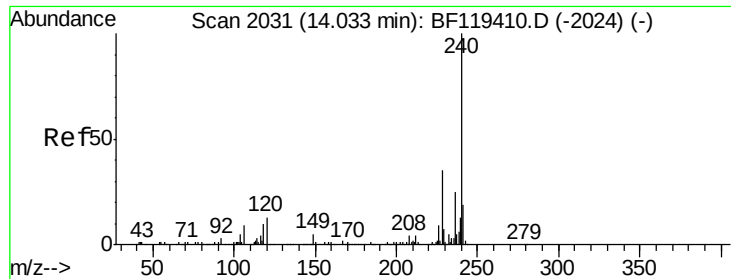


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

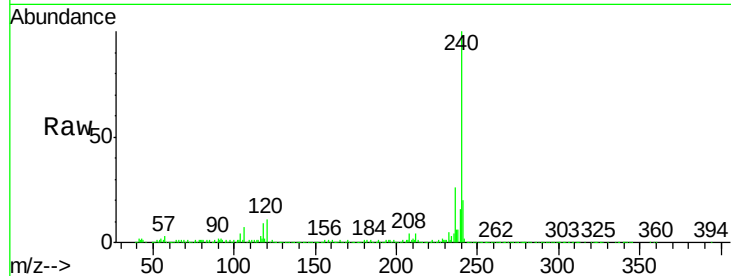




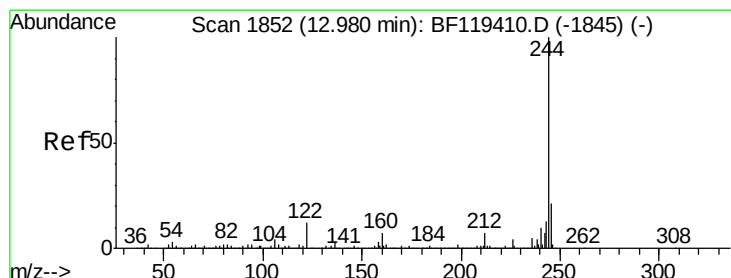
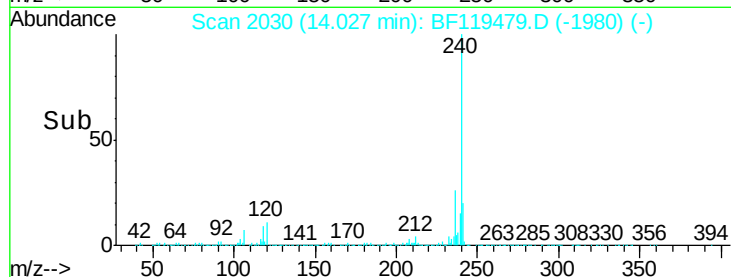
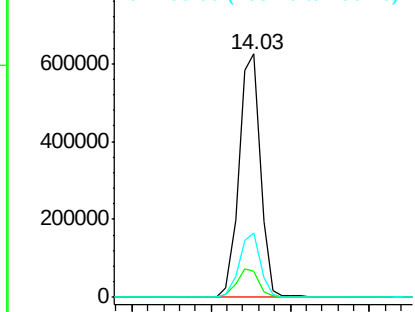
#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.03 min Scan# 2030
Delta R.T. -0.01 min
Lab File: BF119479.D
Acq: 20 Mar 2020 18:42

Instrument :
BNA_F
ClientSampleId :
OK-01-031920

Tgt Ion:240 Resp: 583552
Ion Ratio Lower Upper
240 100
120 10.7 10.2 15.4
236 26.3 20.4 30.6

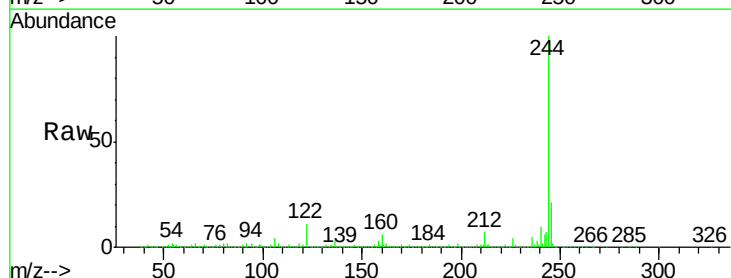


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

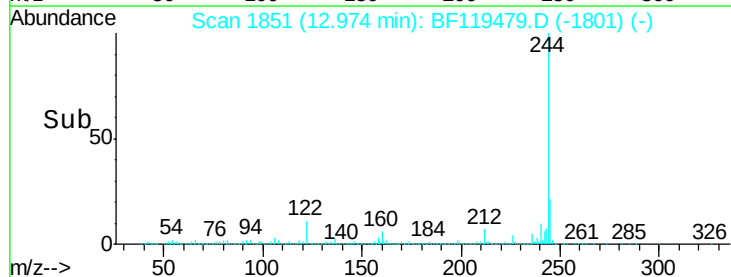
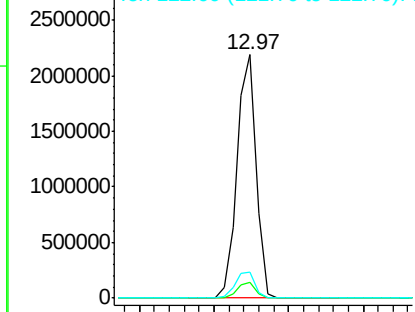


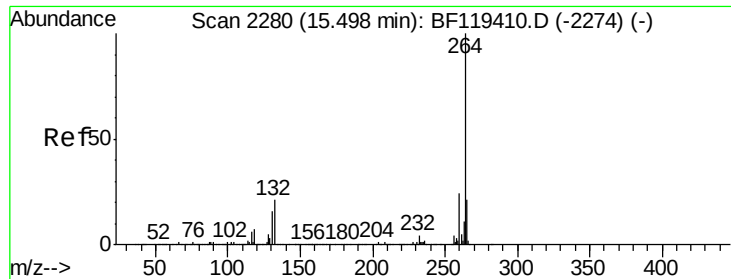
#79
Terphenyl-d14
Concen: 65.98 ng
RT: 12.97 min Scan# 1851
Delta R.T. -0.01 min
Lab File: BF119479.D
Acq: 20 Mar 2020 18:42

Tgt Ion:244 Resp: 1965106
Ion Ratio Lower Upper
244 100
212 6.5 5.7 8.5
122 10.8 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



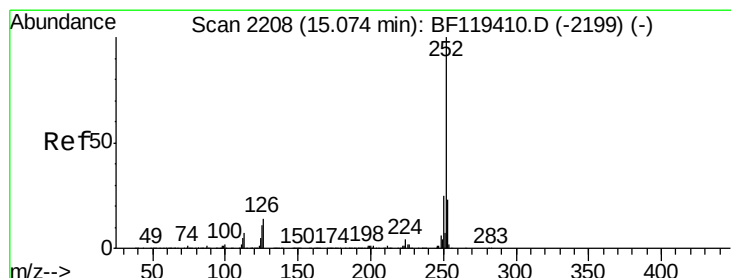
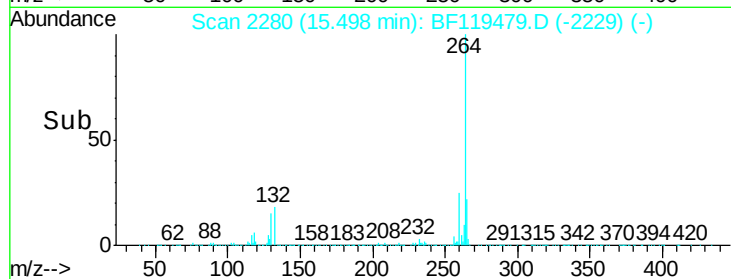
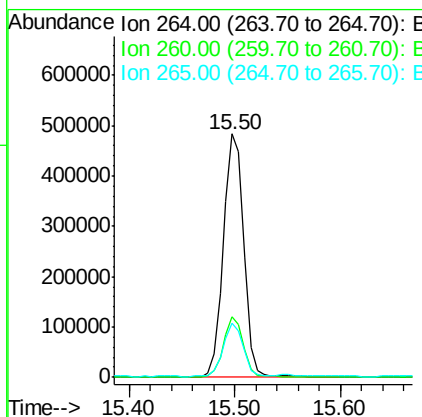
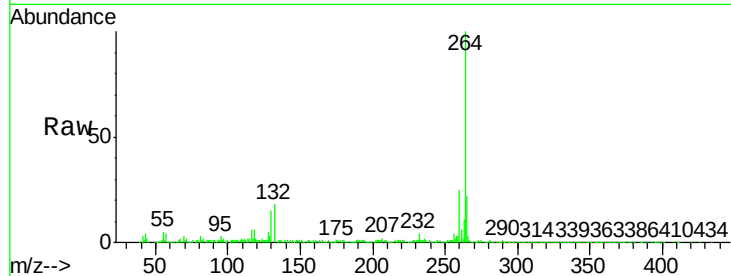


#87
Perylene-d12
Concen: 20.00 ng
RT: 15.50 min Scan# 2280
Delta R.T. -0.00 min
Lab File: BF119479.D
Acq: 20 Mar 2020 18:42

Instrument :
BNA_F
ClientSampleId :
OK-01-031920

Tgt Ion:264 Resp: 644832

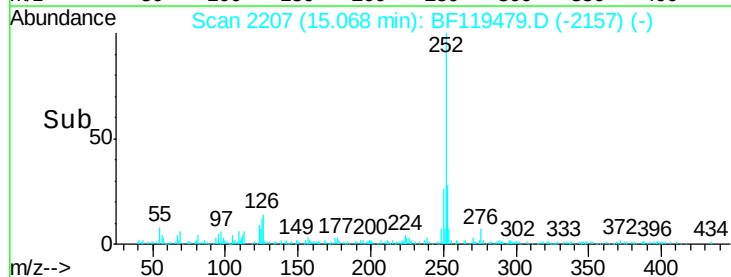
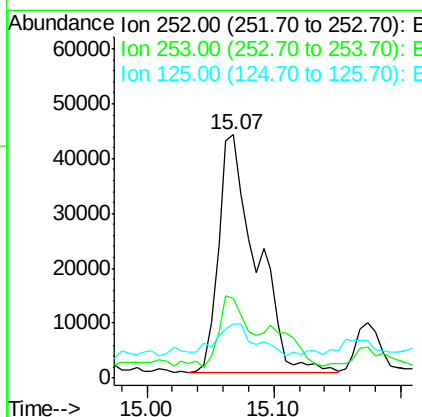
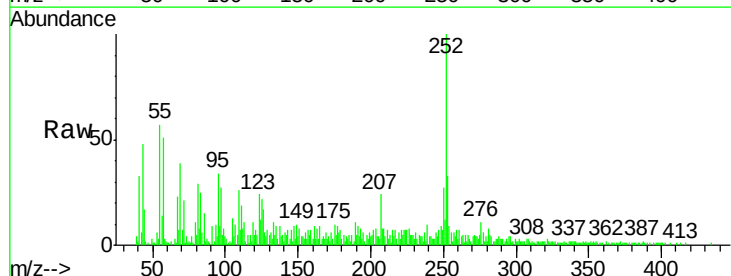
Ion	Ratio	Lower	Upper
264	100		
260	25.1	19.2	28.8
265	22.4	16.9	25.3

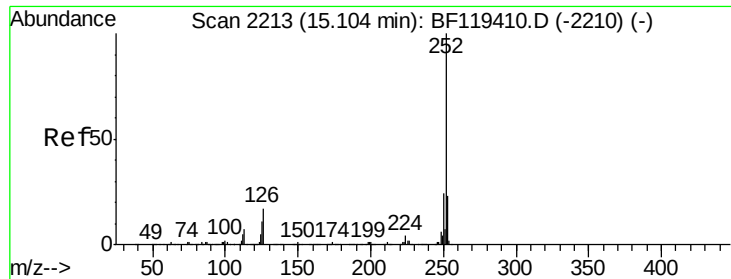


#88
Benzo(b)fluoranthene
Concen: 2.08 ng
RT: 15.07 min Scan# 2207
Delta R.T. -0.01 min
Lab File: BF119479.D
Acq: 20 Mar 2020 18:42

Tgt Ion:252 Resp: 89695

Ion	Ratio	Lower	Upper
252	100		
253	32.6	18.2	27.4#
125	22.2	8.8	13.2#





#89

Benzo(k)fluoranthene

Concen: 2.19 ng

RT: 15.07 min Scan# 2207

Delta R.T. -0.04 min

Lab File: BF119479.D

Acq: 20 Mar 2020 18:42

Instrument :

BNA_F

ClientSampleId :

OK-01-031920

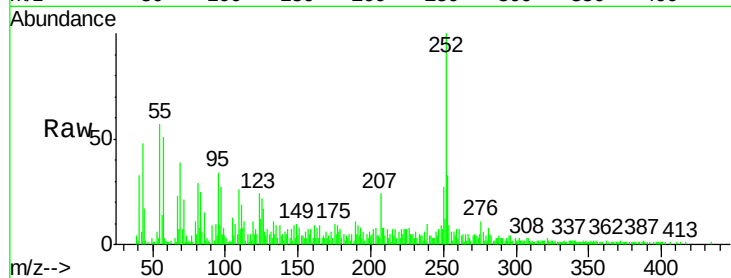
Tgt Ion:252 Resp: 89695

Ion Ratio Lower Upper

252 100

253 32.6 18.2 27.4#

125 22.2 9.0 13.4#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

