

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032720\
 Data File : BF119602.D
 Acq On : 28 Mar 2020 7:48
 Operator : CG/JU
 Sample : L2053-06
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 28 09:33:22 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF031820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 27 07:52:09 2020
 Response via : Initial Calibration

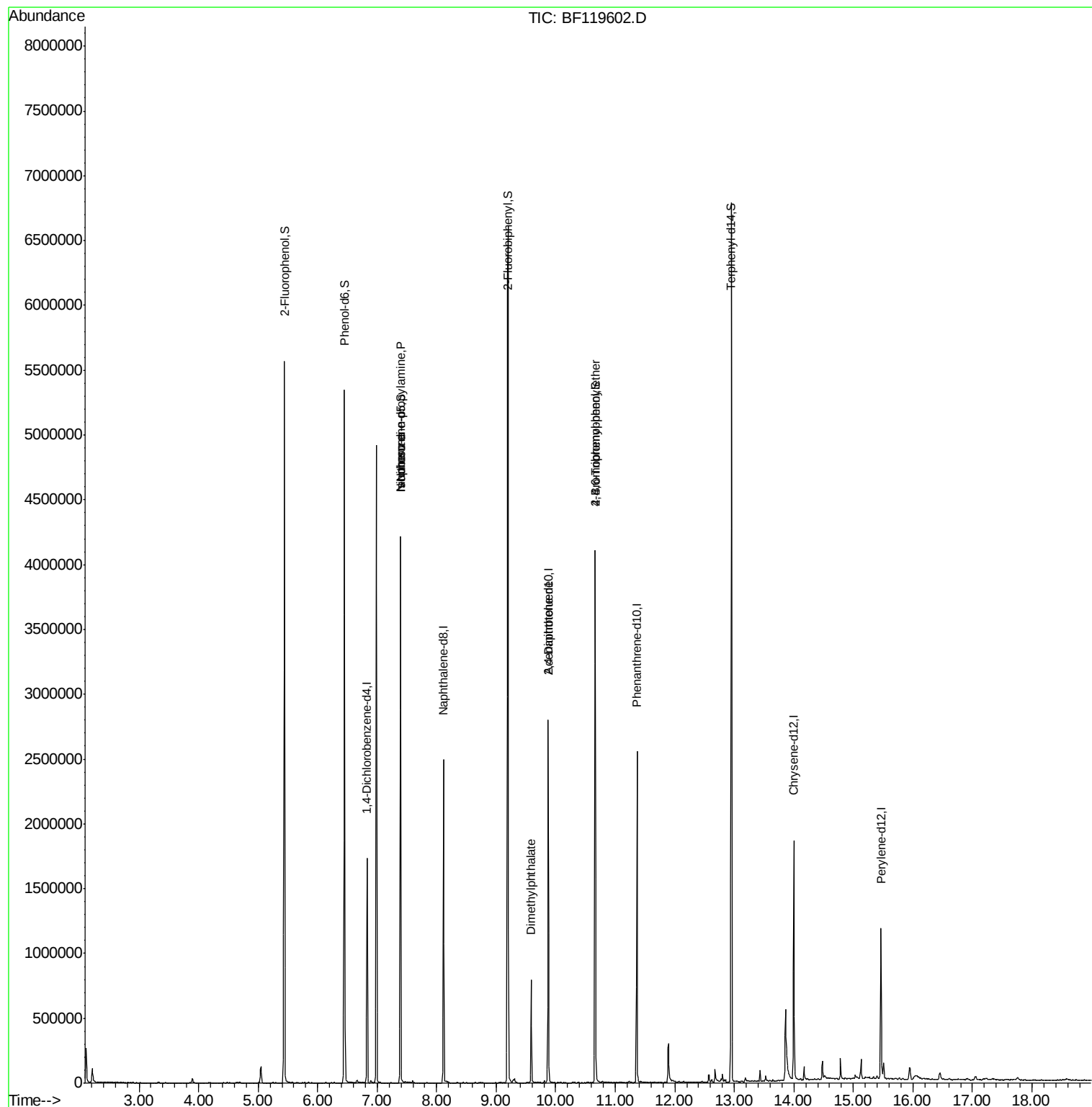
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	268305	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	1046631	20.00	ng	0.00
39) Acenaphthene-d10	9.87	164	551570	20.00	ng	-0.01
64) Phenanthrene-d10	11.36	188	961424	20.00	ng	0.00
76) Chrysene-d12	14.00	240	678432	20.00	ng	-0.01
87) Perylene-d12	15.46	264	547051	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	1564656	92.83	ng	0.00
7) Phenol-d6	6.45	99	2021716	93.90	ng	-0.01
23) Nitrobenzene-d5	7.39	82	1236879	64.23	ng	-0.01
42) 2,4,6-Tribromophenol	10.66	330	495003	86.99	ng	-0.01
45) 2-Fluorobiphenyl	9.20	172	2229144	59.87	ng	0.00
79) Terphenyl-d14	12.95	244	2361999	68.21	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.39	70	165048	12.718	ng	# 77
25) Isophorone	7.39	82	1226724	31.402	ng	# 65
50) Dimethylphthalate	9.59	163	289129	7.380	ng	99
57) 2,4-Dinitrotoluene	9.87	165	68417	6.467	ng	# 20
67) 4-Bromophenyl-phenylether	10.66	248	29352	2.681	ng	# 1

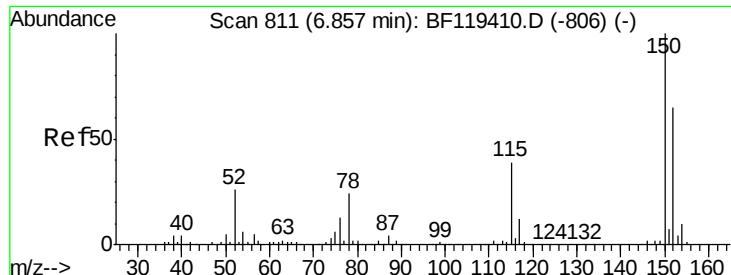
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032720\
Data File : BF119602.D
Acq On : 28 Mar 2020 7:48
Operator : CG/JU
Sample : L2053-06
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Mar 28 09:33:22 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF031820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 27 07:52:09 2020
Response via : Initial Calibration

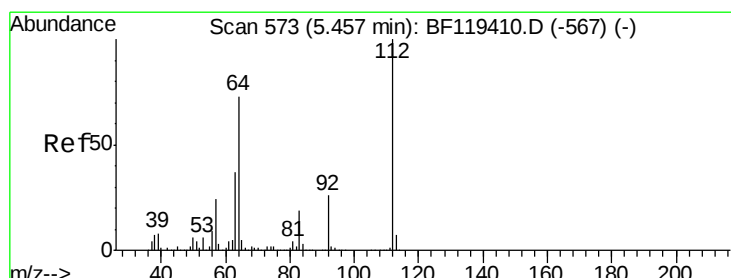
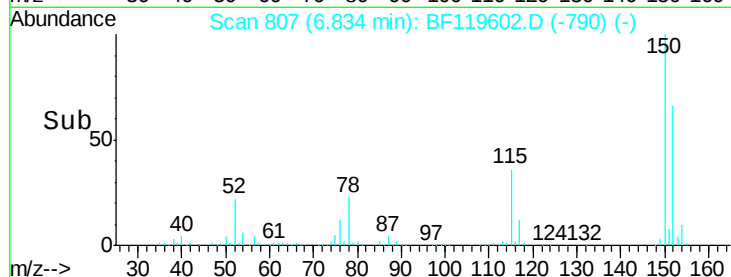
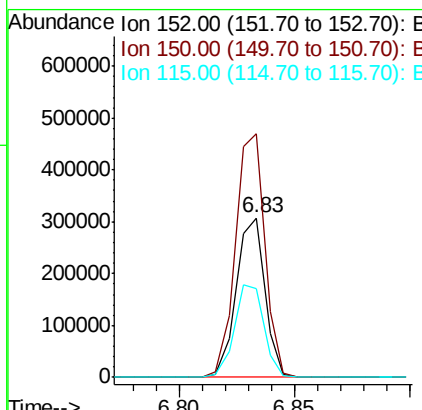
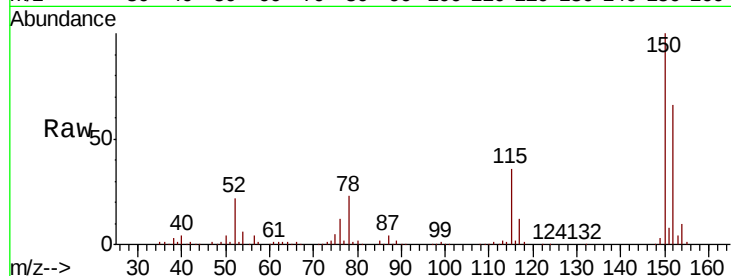




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.83 min Scan# 807
 Delta R.T. 0.00 min
 Lab File: BF119602.D
 Acq: 28 Mar 2020 7:48

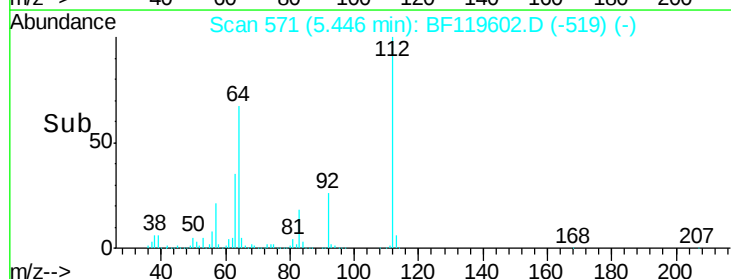
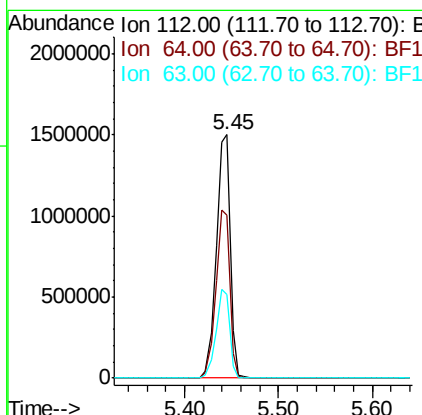
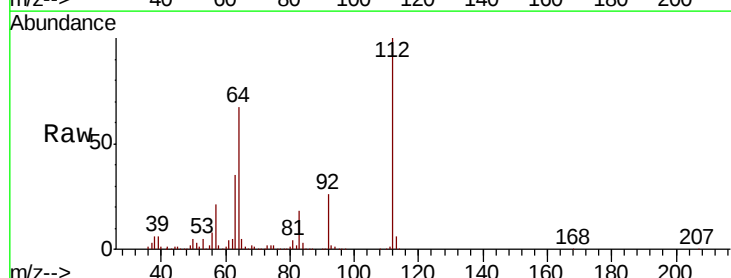
Instrument :
 BNA_F
 ClientSampleId :

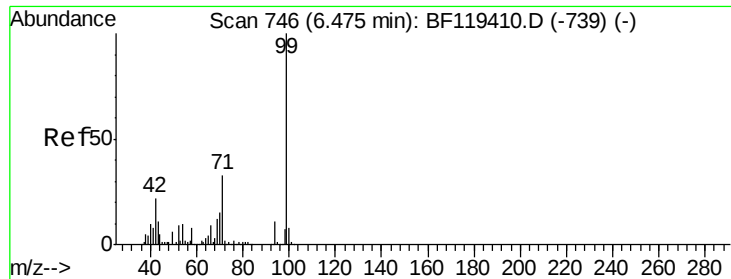
Tot Ion:152 Resp: 268305
 Ion Ratio Lower Upper
 152 100
 150 152.5 124.5 186.7
 115 55.5 49.6 74.4



#5
 2-Fluorophenol
 Concen: 92.834 ng
 RT: 5.45 min Scan# 571
 Delta R.T. 0.01 min
 Lab File: BF119602.D
 Acq: 28 Mar 2020 7:48

Tgt Ion:112 Resp: 1564656
 Ion Ratio Lower Upper
 112 100
 64 67.0 56.7 85.1
 63 34.6 29.5 44.3





#7

Phenol-d6

Concen: 93.901 ng

RT: 6.45 min Scan# 742

Delta R.T. -0.01 min

Lab File: BF119602.D

Acq: 28 Mar 2020 7:48

Instrument :

BNA_F

ClientSampled :

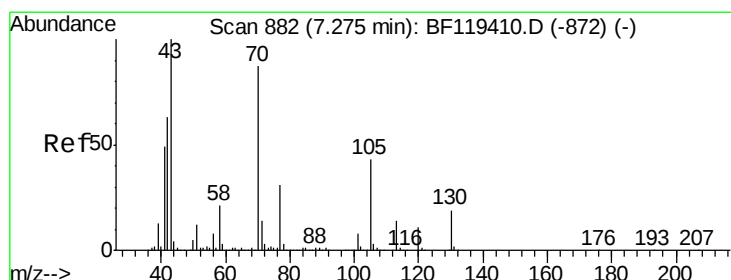
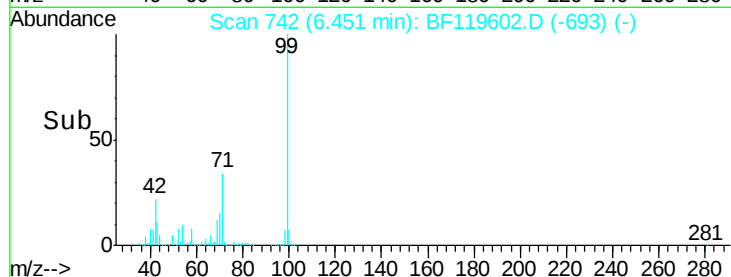
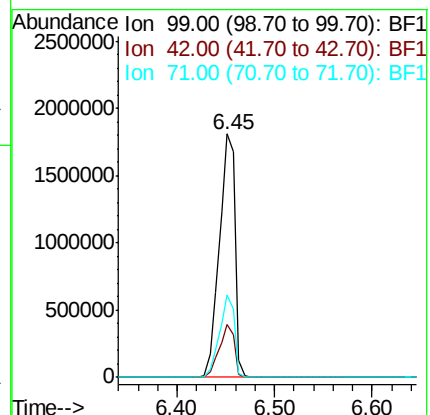
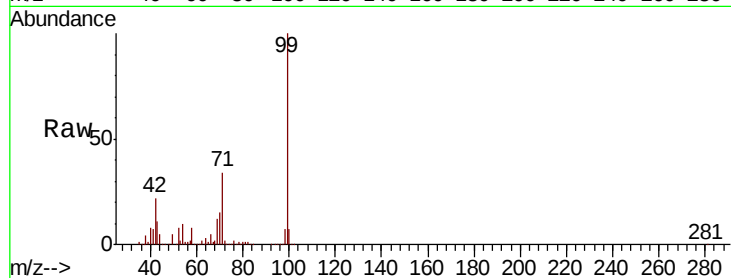
Tot Ion: 99 Resp: 2021716

Ion Ratio Lower Upper

99 100

42 21.5 16.6 24.8

71 33.6 26.4 39.6



#19

n-Nitroso-di-n-propylamine

Concen: 12.718 ng

RT: 7.39 min Scan# 902

Delta R.T. 0.14 min

Lab File: BF119602.D

Acq: 28 Mar 2020 7:48

Tgt Ion: 70 Resp: 165048

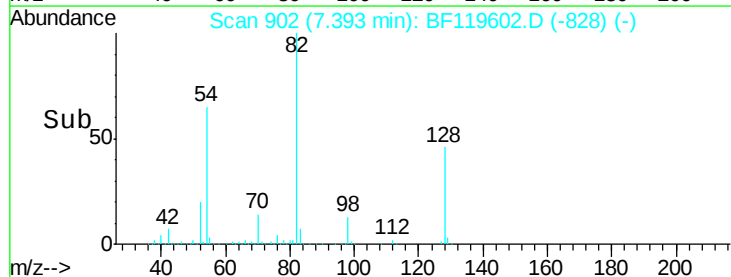
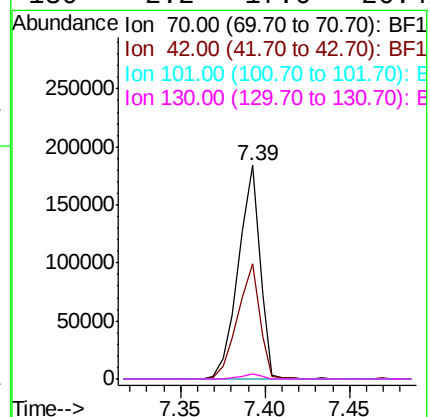
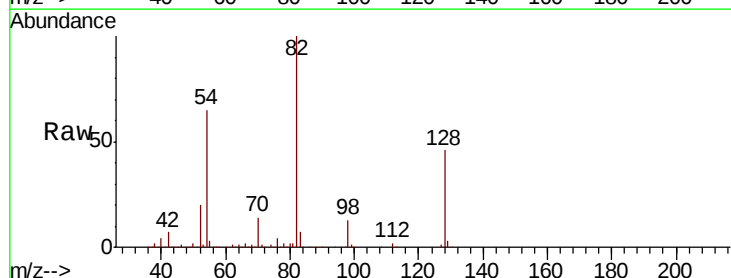
Ion Ratio Lower Upper

70 100

42 54.2 54.5 81.7#

101 0.0 7.6 11.4#

130 2.2 17.6 26.4#



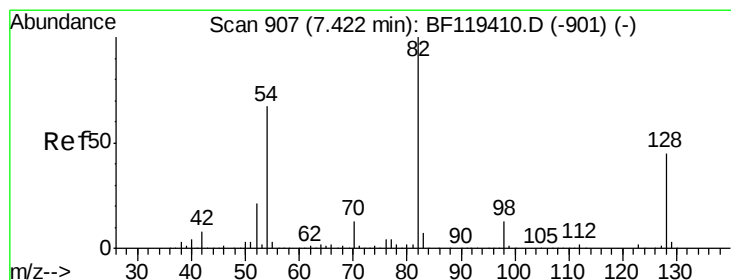
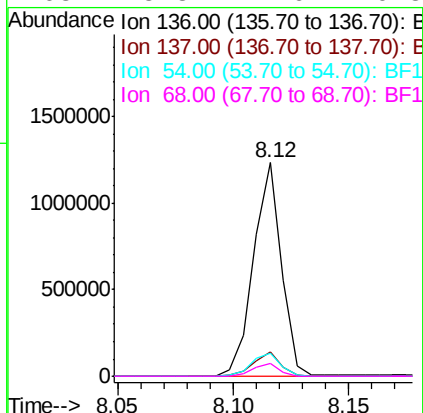
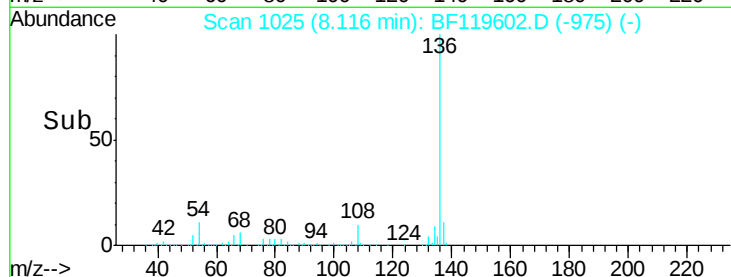
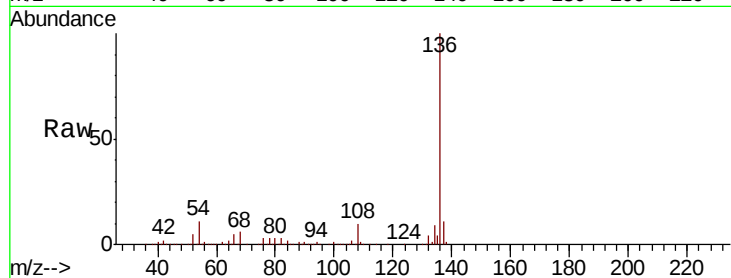


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.12 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BF119602.D
Acq: 28 Mar 2020 7:48

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136 Resp: 1046631

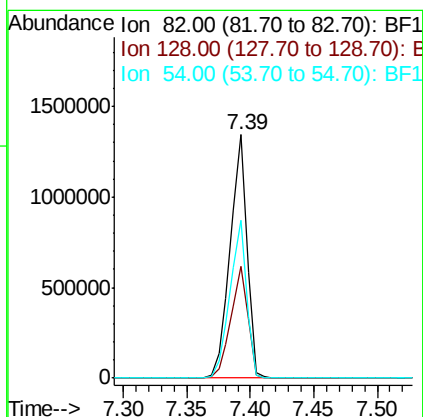
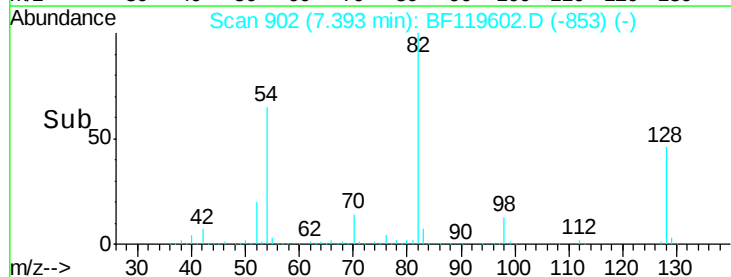
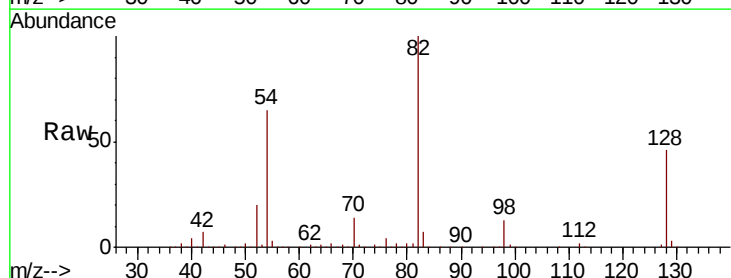
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.7	13.1
54	10.6	9.1	13.7
68	5.8	4.6	6.8



#23
Nitrobenzene-d5
Concen: 64.227 ng
RT: 7.39 min Scan# 902
Delta R.T. -0.01 min
Lab File: BF119602.D
Acq: 28 Mar 2020 7:48

Tgt Ion: 82 Resp: 1236879

Ion	Ratio	Lower	Upper
82	100		
128	46.1	36.3	54.5
54	64.7	50.6	75.8





#25

Isophorone

Concen: 31.402 ng

RT: 7.39 min Scan# 902

Delta R.T. -0.27 min

Lab File: BF119602.D

Acq: 28 Mar 2020 7:48

Instrument :

BNA_F

ClientSampleId :

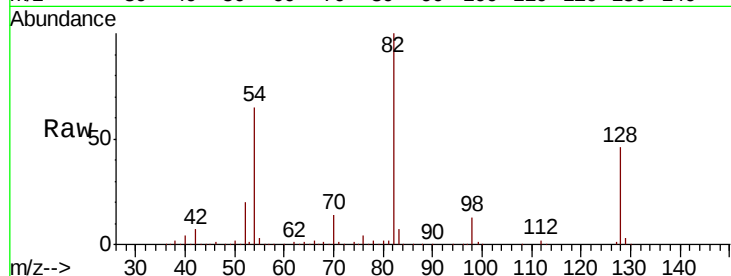
Tot Ion: 82 Resp: 1226724

Ion Ratio Lower Upper

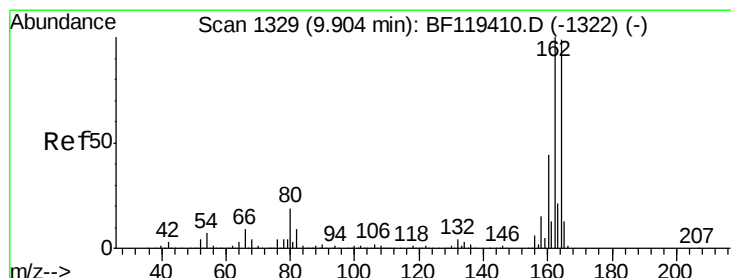
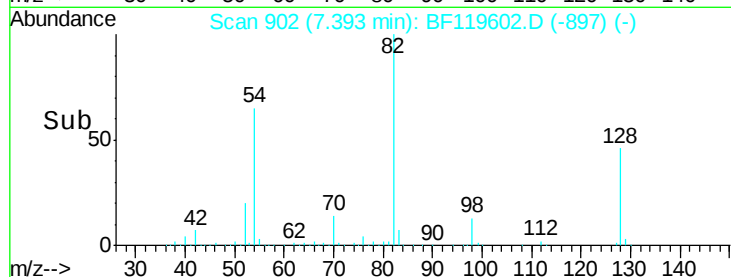
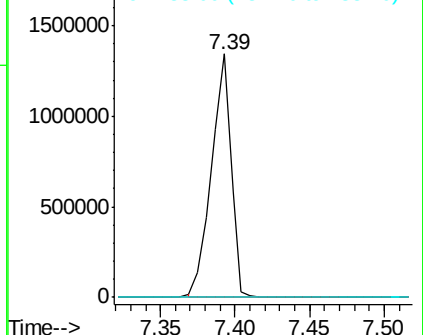
82 100

95 0.0 5.8 8.6#

138 0.0 14.6 21.8#



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: 9.87 min Scan# 1324

Delta R.T. -0.01 min

Lab File: BF119602.D

Acq: 28 Mar 2020 7:48

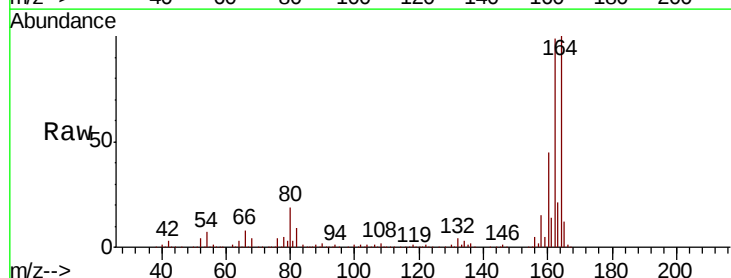
Tgt Ion: 164 Resp: 551570

Ion Ratio Lower Upper

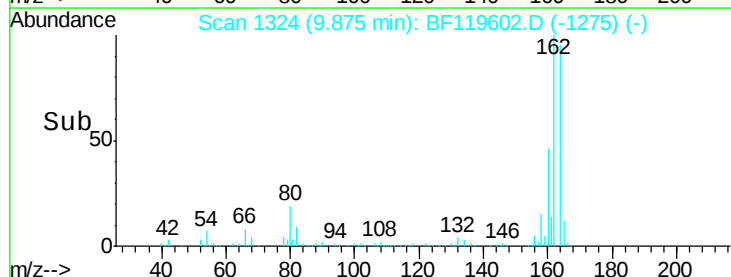
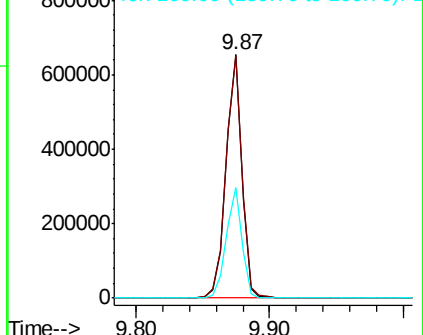
164 100

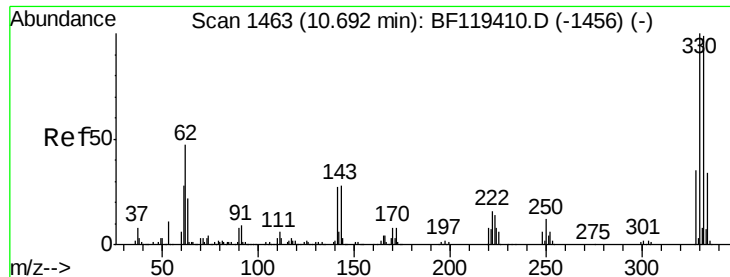
162 99.3 80.6 121.0

160 45.3 35.7 53.5



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

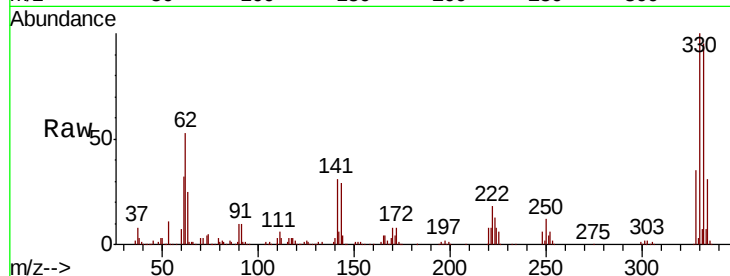




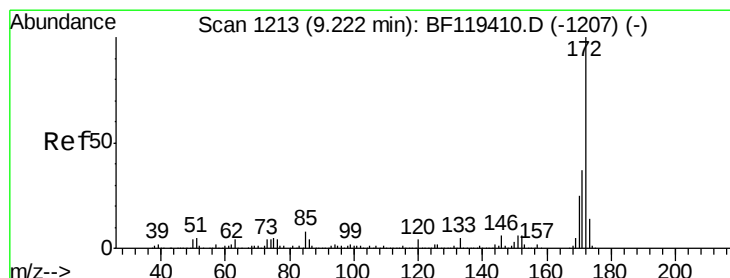
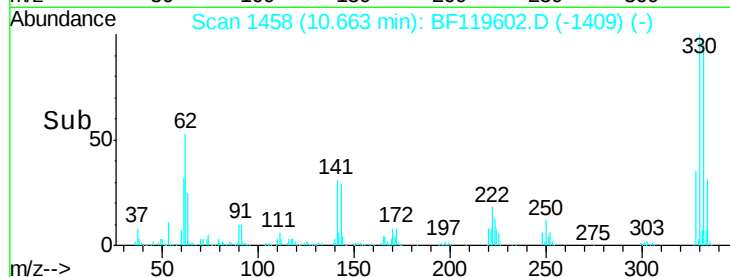
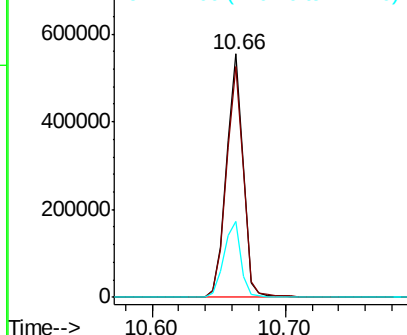
#42
 2,4,6-Tribromophenol
 Concen: 86.990 ng
 RT: 10.66 min Scan# 1458
 Delta R.T. -0.01 min
 Lab File: BF119602.D
 Acq: 28 Mar 2020 7:48

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 495003
 Ion Ratio Lower Upper
 330 100
 332 96.7 75.7 113.5
 141 31.8 25.4 38.0

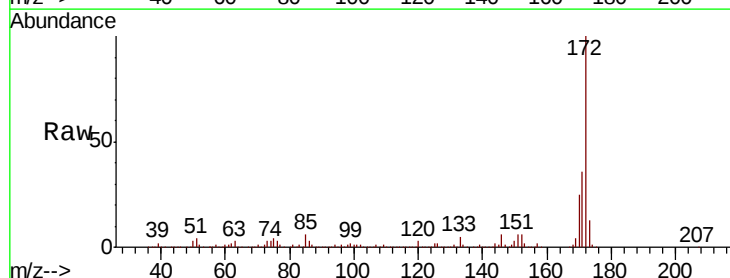


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

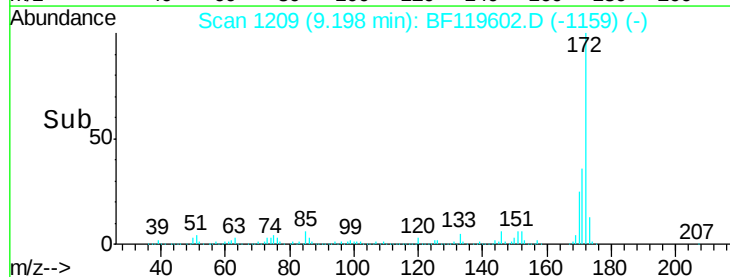
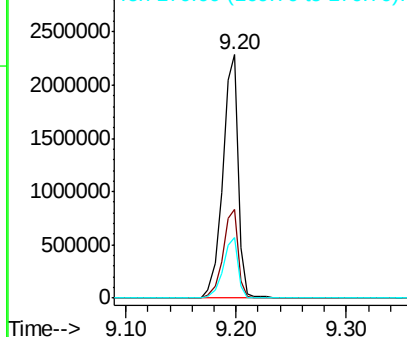


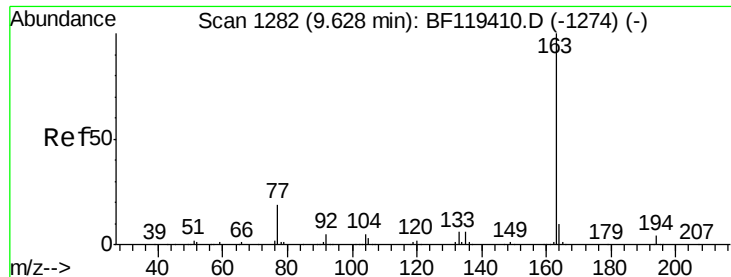
#45
 2-Fluorobiphenyl
 Concen: 59.873 ng
 RT: 9.20 min Scan# 1209
 Delta R.T. -0.01 min
 Lab File: BF119602.D
 Acq: 28 Mar 2020 7:48

Tgt Ion:172 Resp: 2229144
 Ion Ratio Lower Upper
 172 100
 171 36.3 29.6 44.4
 170 24.7 20.2 30.2



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

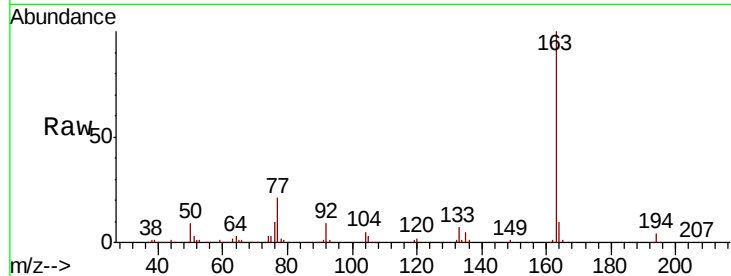




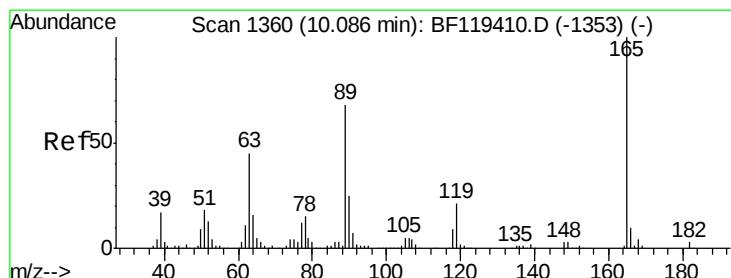
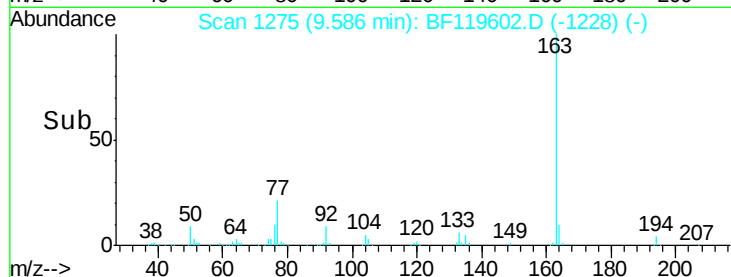
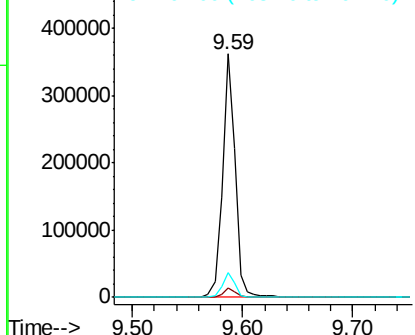
#50
Dimethylphthalate
Concen: 7.380 ng
RT: 9.59 min Scan# 1275
Delta R.T. -0.02 min
Lab File: BF119602.D
Acq: 28 Mar 2020 7:48

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
163	100		
194	3.7	3.1	4.7
164	10.4	8.2	12.2

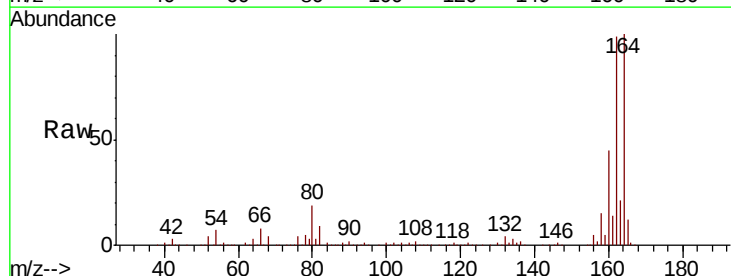


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

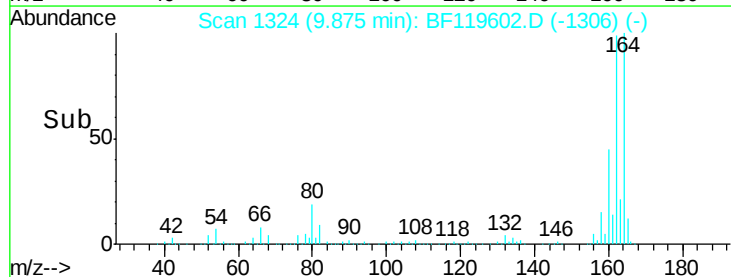
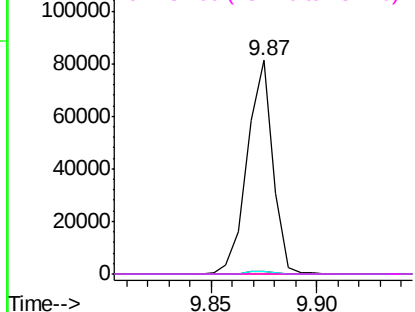


#57
2,4-Dinitrotoluene
Concen: 6.467 ng
RT: 9.87 min Scan# 1324
Delta R.T. -0.19 min
Lab File: BF119602.D
Acq: 28 Mar 2020 7:48

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.1	42.6	64.0#
89	1.5	61.0	91.4#
182	0.0	2.2	3.2#



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: 11.36 min Scan# 1577

Delta R.T. -0.01 min

Lab File: BF119602.D

Acq: 28 Mar 2020 7:48

Instrument :

BNA_F

ClientSampled :

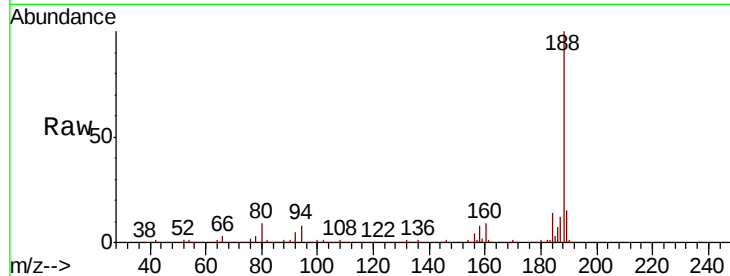
Tot Ion:188 Resp: 961424

Ion Ratio Lower Upper

188 100

94 8.1 7.5 11.3

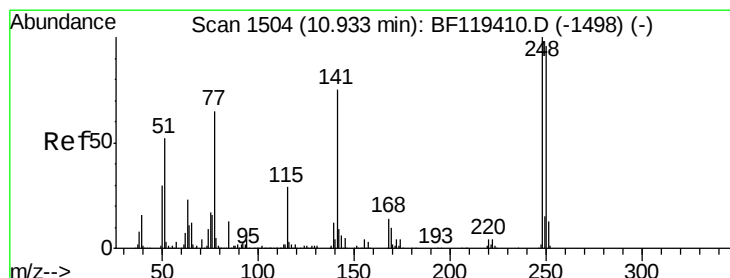
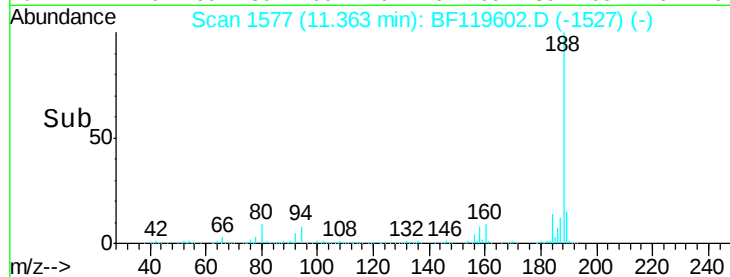
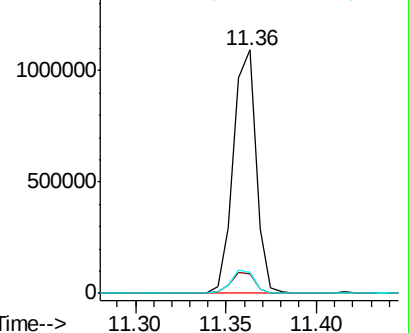
80 8.7 9.0 13.4#



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: 2.681 ng

RT: 10.66 min Scan# 1458

Delta R.T. -0.25 min

Lab File: BF119602.D

Acq: 28 Mar 2020 7:48

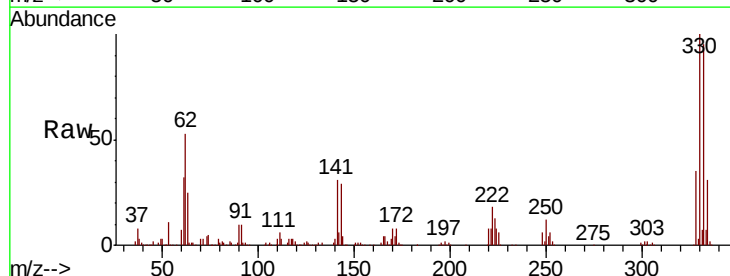
Tgt Ion:248 Resp: 29352

Ion Ratio Lower Upper

248 100

250 219.5 77.3 115.9#

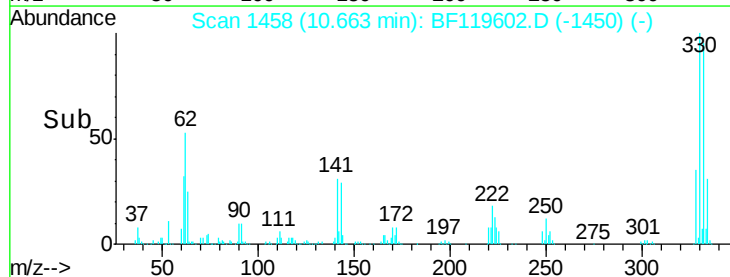
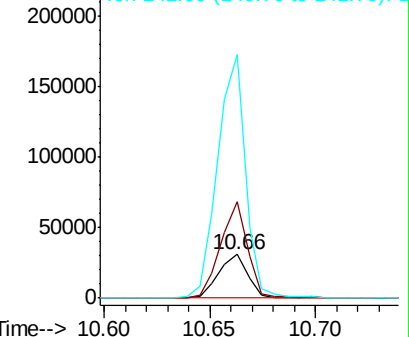
141 555.9 58.6 87.8#

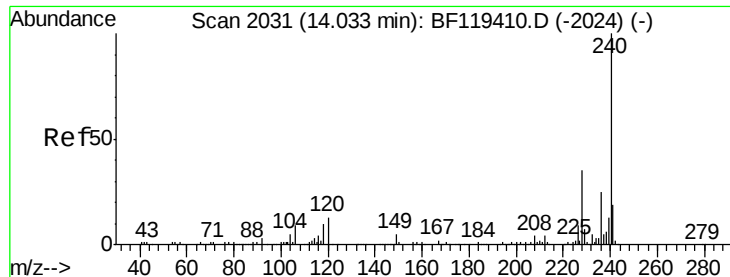


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

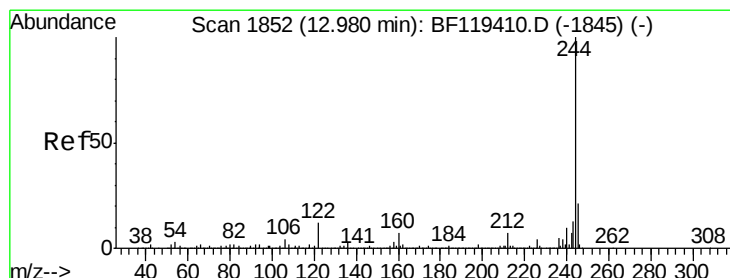
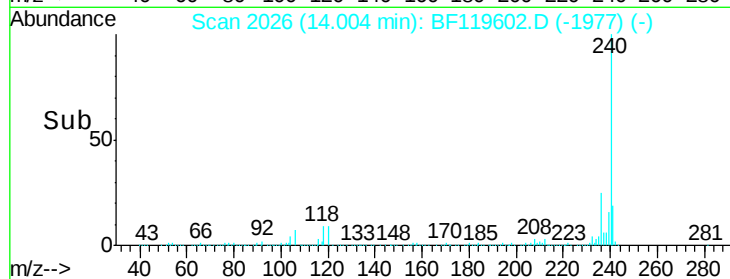
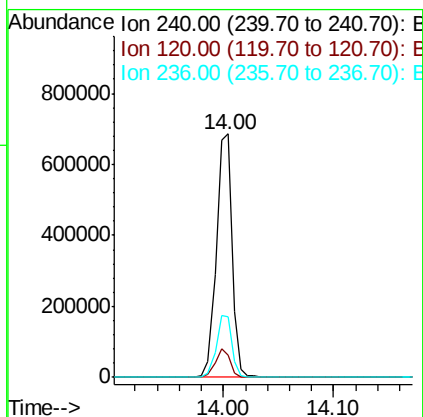
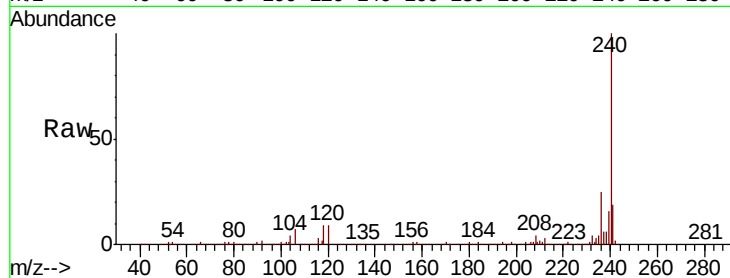




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.00 min Scan# 2026
 Delta R.T. -0.01 min
 Lab File: BF119602.D
 Acq: 28 Mar 2020 7:48

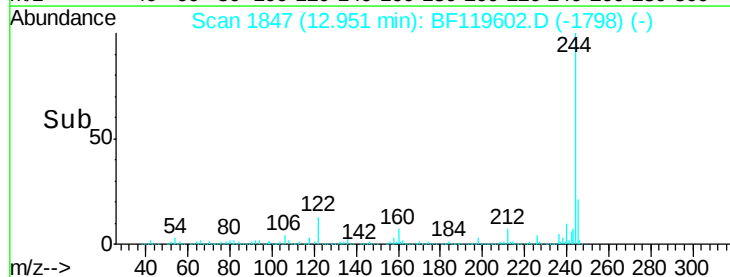
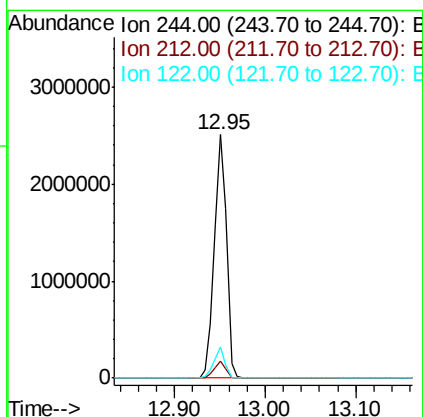
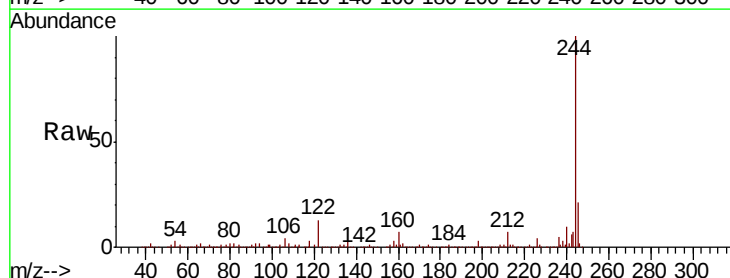
Instrument :
 BNA_F
 ClientSampleId :

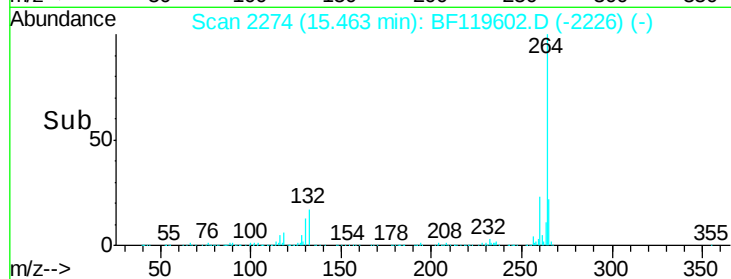
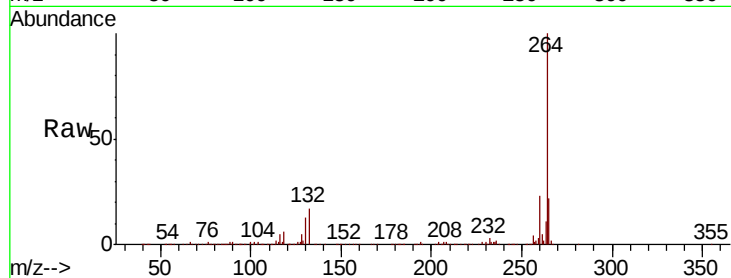
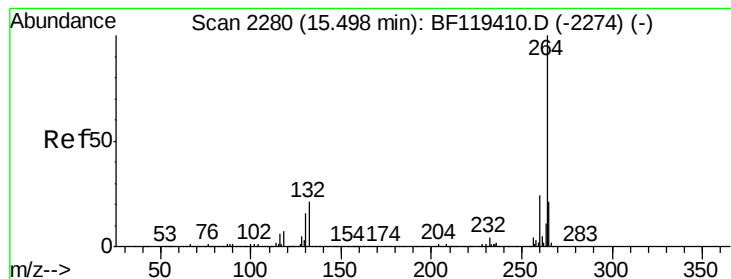
Tot Ion:240 Resp: 678432
 Ion Ratio Lower Upper
 240 100
 120 9.3 10.6 15.8#
 236 25.1 20.2 30.2



#79
 Terphenyl-d14
 Concen: 68.211 ng
 RT: 12.95 min Scan# 1847
 Delta R.T. -0.01 min
 Lab File: BF119602.D
 Acq: 28 Mar 2020 7:48

Tgt Ion:244 Resp: 2361999
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.8 8.8
 122 12.7 10.3 15.5





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.46 min Scan# 2274

Delta R.T. -0.02 min

Lab File: BF119602.D

Acq: 28 Mar 2020 7:48

Instrument :

BNA_F

ClientSampleId :

Tot Ion:264 Resp: 547051

Ion Ratio Lower Upper

264 100

260 23.1 18.7 28.1

265 21.7 17.7 26.5

