

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032720\
 Data File : BF119593.D
 Acq On : 28 Mar 2020 3:46
 Operator : CG/JU
 Sample : L2049-05
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-1-(10-12)

Quant Time: Mar 28 07:55:39 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

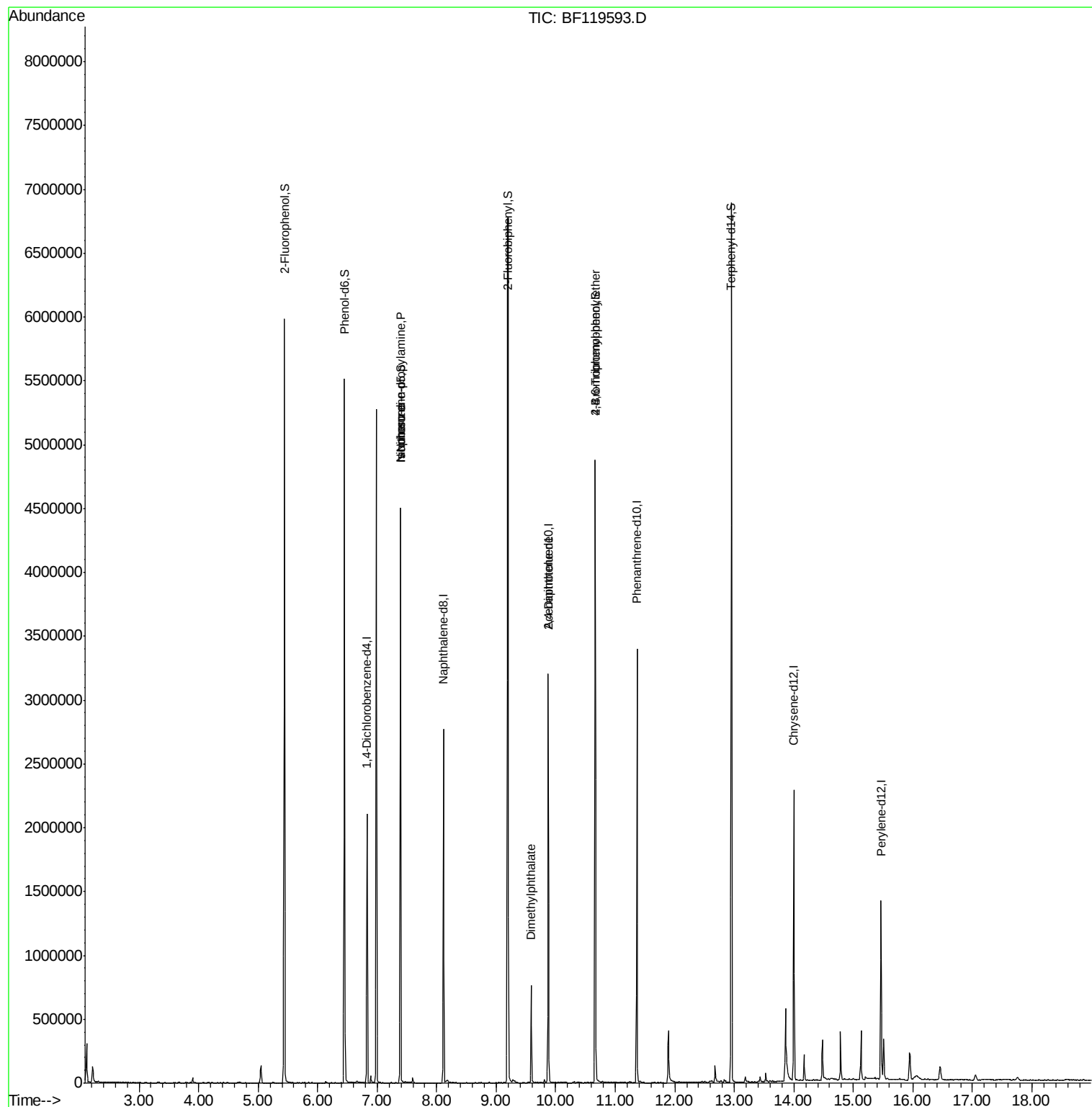
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	304454	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	1173713	20.00	ng	0.00
39) Acenaphthene-d10	9.87	164	595732	20.00	ng	-0.01
64) Phenanthrene-d10	11.36	188	1158742	20.00	ng	0.00
76) Chrysene-d12	14.00	240	790982	20.00	ng	-0.01
87) Perylene-d12	15.46	264	640953	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	1593764	83.33	ng	0.00
7) Phenol-d6	6.45	99	2035892	83.33	ng	-0.01
23) Nitrobenzene-d5	7.39	82	1301718	60.28	ng	-0.01
42) 2,4,6-Tribromophenol	10.66	330	552097	89.83	ng	-0.01
45) 2-Fluorobiphenyl	9.20	172	2364111	58.79	ng	0.00
79) Terphenyl-d14	12.95	244	2512243	62.23	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.39	70	168754	11.46	ng	# 74
25) Isophorone	7.39	82	1289786	29.44	ng	# 65
50) Dimethylphthalate	9.59	163	276934	6.54	ng	99
57) 2,4-Dinitrotoluene	9.87	165	77518	6.78	ng	# 20
67) 4-Bromophenyl-phenylether	10.66	248	33855	2.57	ng	# 1

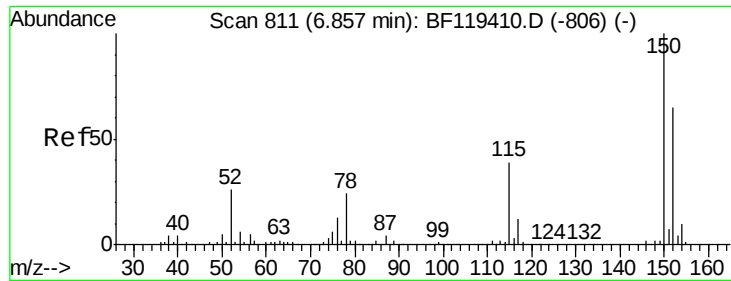
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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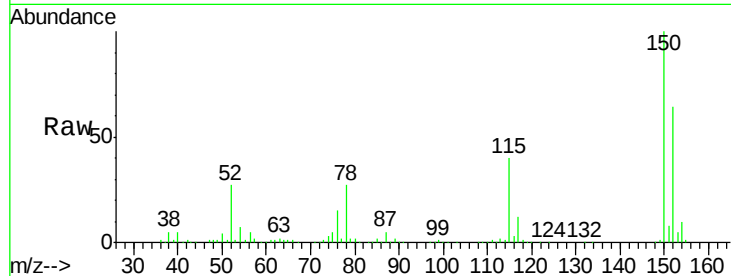




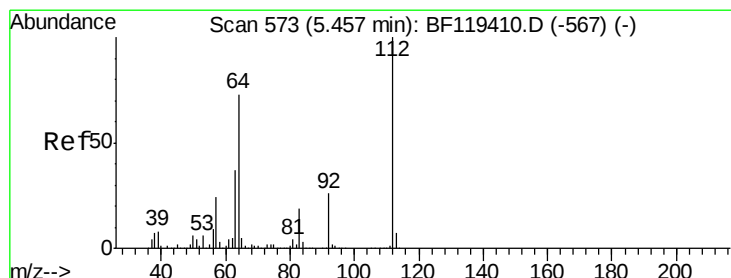
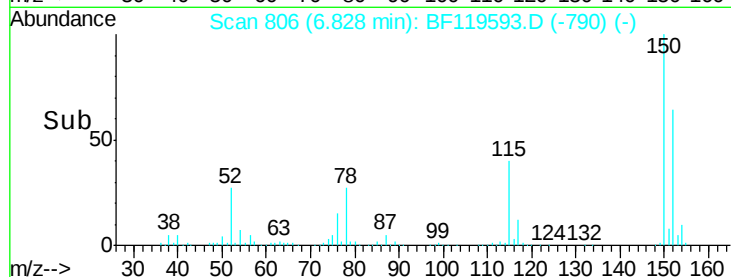
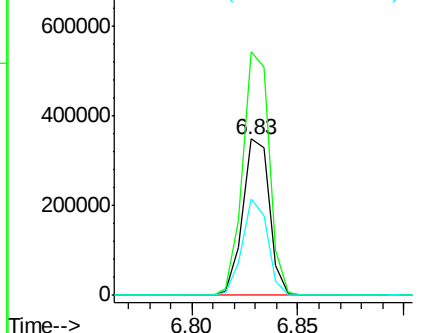
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.83 min Scan# 806
 Delta R.T. -0.01 min
 Lab File: BF119593.D
 Acq: 28 Mar 2020 3:46

Instrument :
 BNA_F
 ClientSampleId :
 SB-1-(10-12)

Tgt Ion:152 Resp: 304454
 Ion Ratio Lower Upper
 152 100
 150 156.1 124.5 186.7
 115 62.0 49.6 74.4

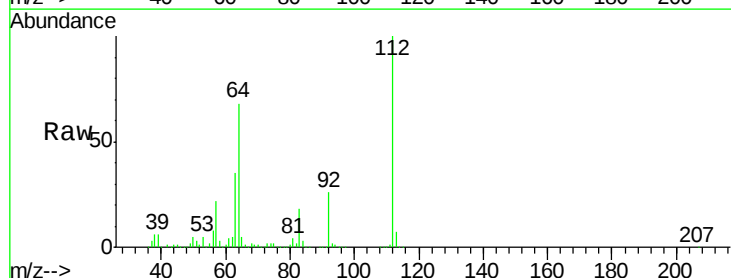


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

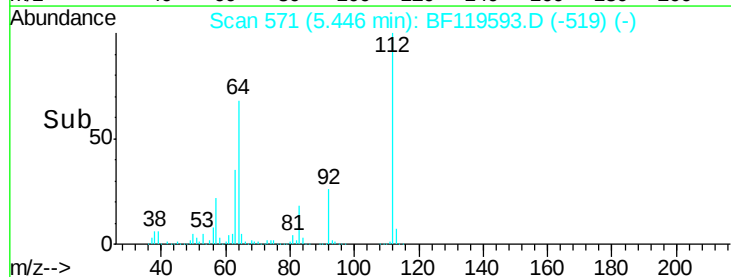
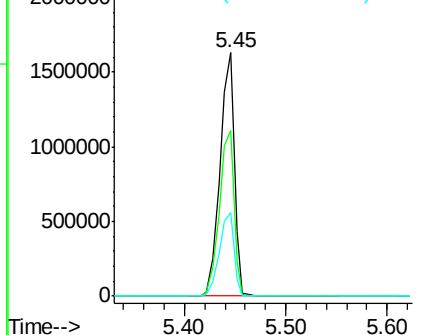


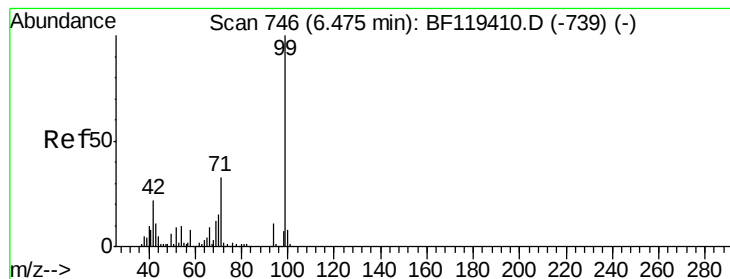
#5
 2-Fluorophenol
 Concen: 83.33 ng
 RT: 5.45 min Scan# 571
 Delta R.T. 0.01 min
 Lab File: BF119593.D
 Acq: 28 Mar 2020 3:46

Tgt Ion:112 Resp: 1593764
 Ion Ratio Lower Upper
 112 100
 64 67.8 56.7 85.1
 63 34.6 29.5 44.3



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: 83.33 ng

RT: 6.45 min Scan# 742

Delta R.T. -0.01 min

Lab File: BF119593.D

Acq: 28 Mar 2020 3:46

Instrument :

BNA_F

ClientSampleId :

SB-1-(10-12)

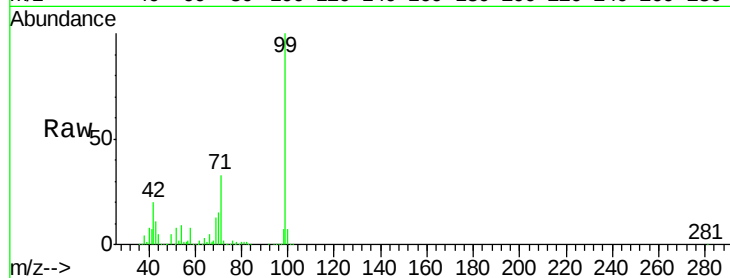
Tgt Ion: 99 Resp: 2035892

Ion Ratio Lower Upper

99 100

42 20.5 16.6 24.8

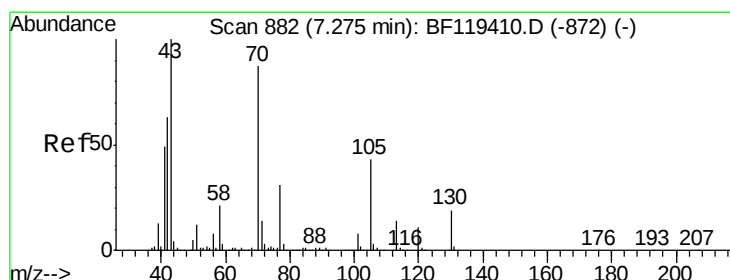
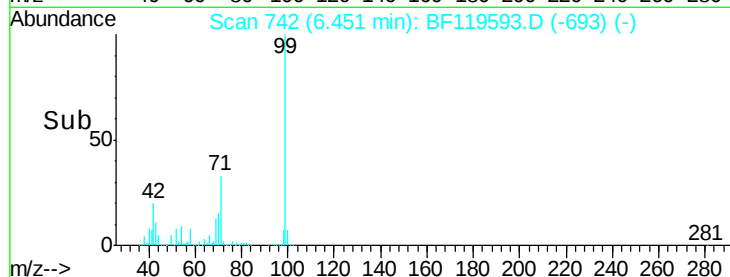
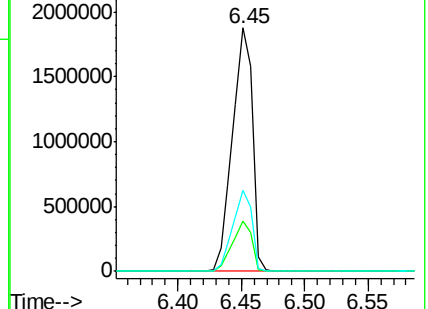
71 33.3 26.4 39.6



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: 11.46 ng

RT: 7.39 min Scan# 902

Delta R.T. 0.14 min

Lab File: BF119593.D

Acq: 28 Mar 2020 3:46

Tgt Ion: 70 Resp: 168754

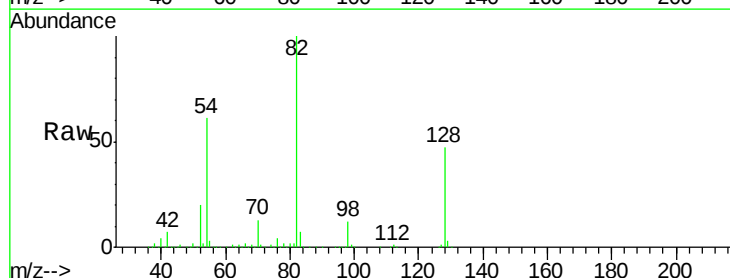
Ion Ratio Lower Upper

70 100

42 50.9 54.5 81.7#

101 0.0 7.6 11.4#

130 2.4 17.6 26.4#

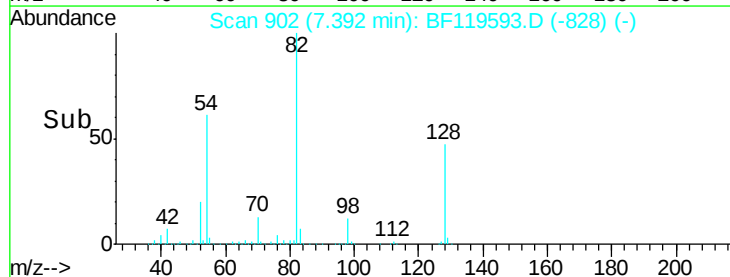
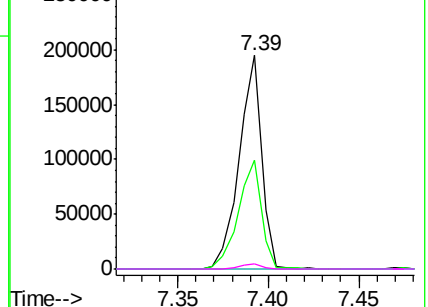


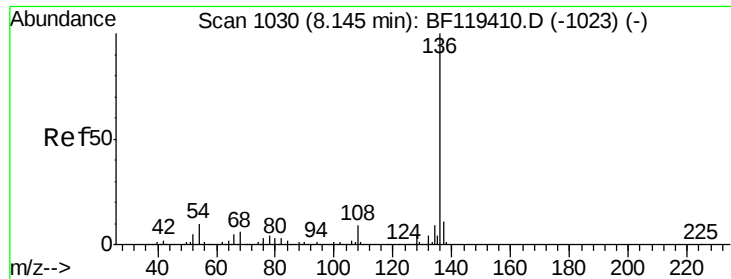
Abundance Ion 70.00 (69.70 to 70.70): BF1

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

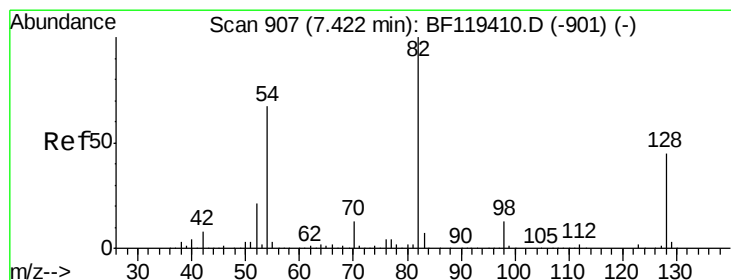
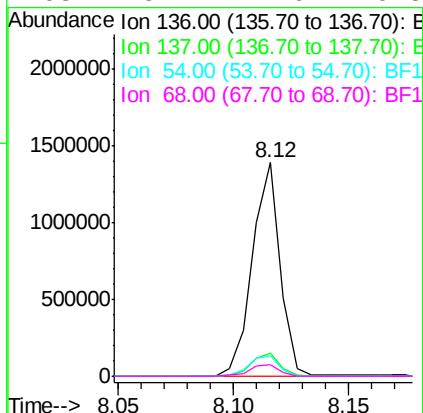
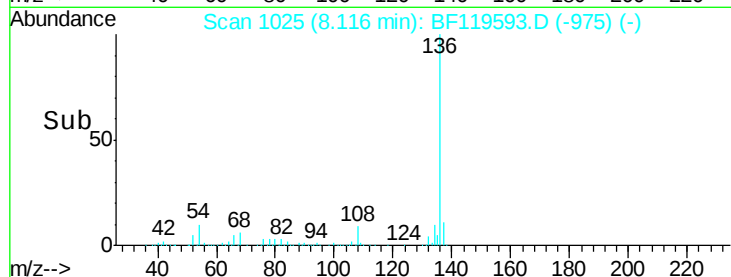
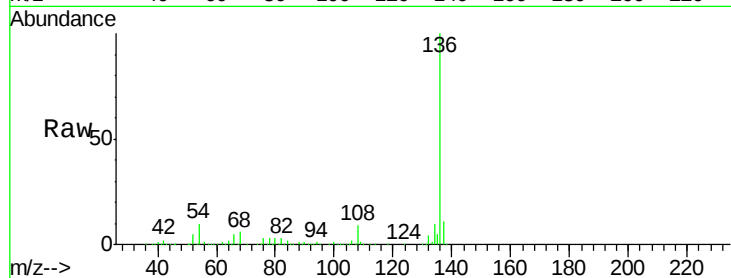




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.12 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BF119593.D
Acq: 28 Mar 2020 3:46

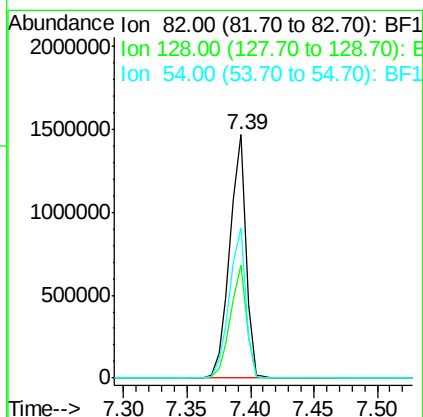
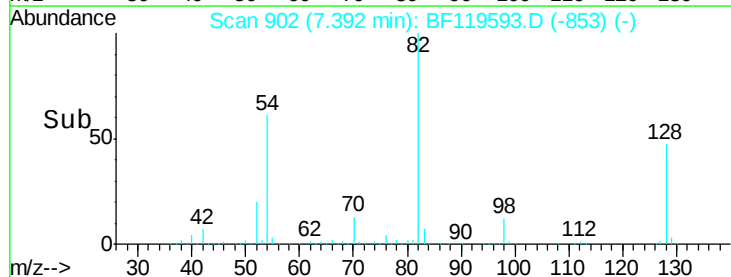
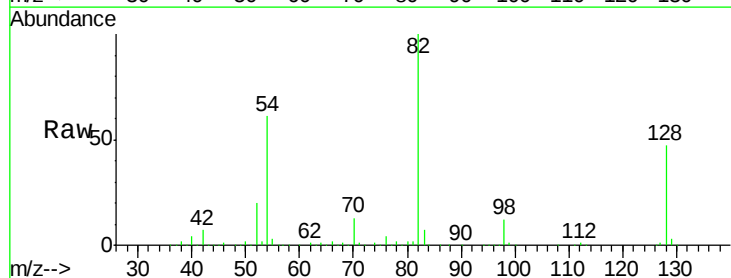
Instrument :
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ClientSampleId :
SB-1-(10-12)

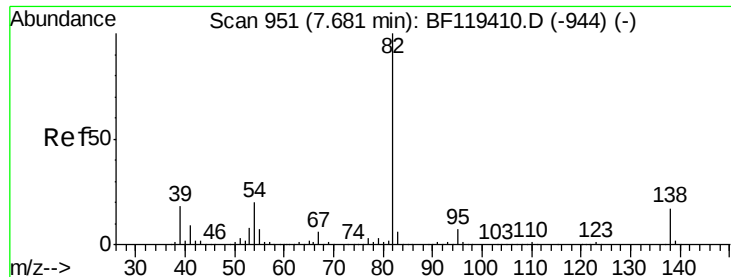
Tgt Ion:136 Resp: 1173713
Ion Ratio Lower Upper
136 100
137 10.8 8.7 13.1
54 9.8 9.1 13.7
68 5.7 4.6 6.8



#23
Nitrobenzene-d5
Concen: 60.28 ng
RT: 7.39 min Scan# 902
Delta R.T. -0.01 min
Lab File: BF119593.D
Acq: 28 Mar 2020 3:46

Tgt Ion: 82 Resp: 1301718
Ion Ratio Lower Upper
82 100
128 46.6 36.3 54.5
54 61.5 50.6 75.8





#25

Isophorone

Concen: 29.44 ng

RT: 7.39 min Scan# 902

Delta R.T. -0.27 min

Lab File: BF119593.D

Acq: 28 Mar 2020 3:46

Instrument :

BNA_F

ClientSampleId :

SB-1-(10-12)

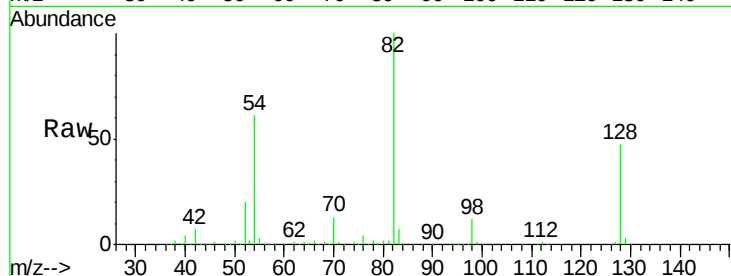
Tgt Ion: 82 Resp: 1289786

Ion Ratio Lower Upper

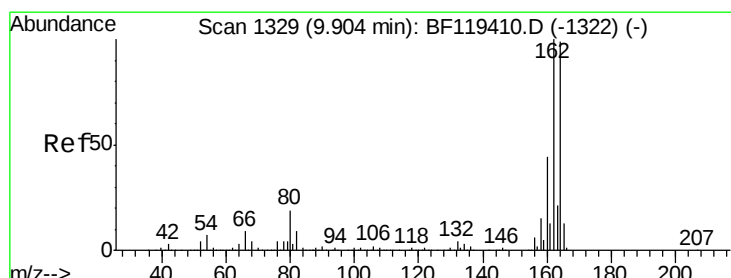
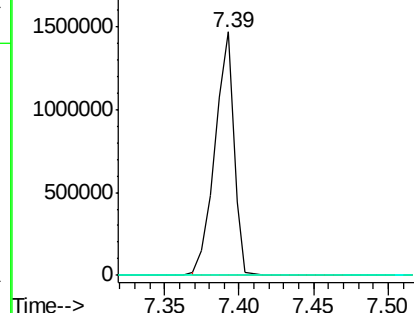
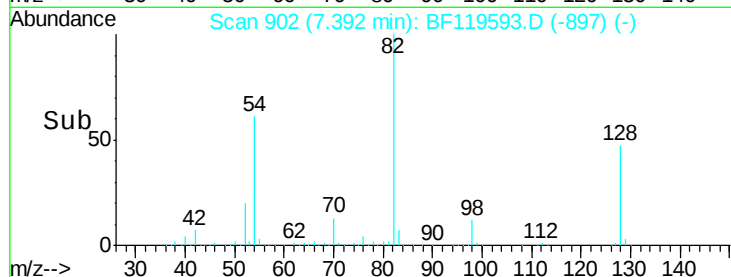
82 100

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: 20.00 ng

RT: 9.87 min Scan# 1324

Delta R.T. -0.01 min

Lab File: BF119593.D

Acq: 28 Mar 2020 3:46

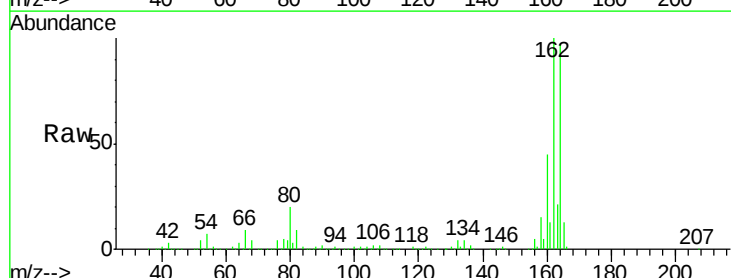
Tgt Ion: 164 Resp: 595732

Ion Ratio Lower Upper

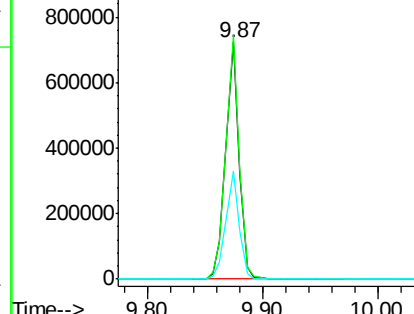
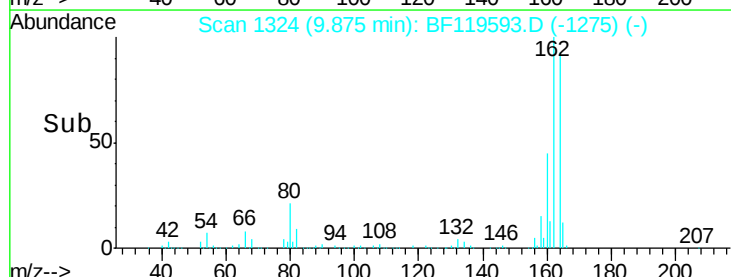
164 100

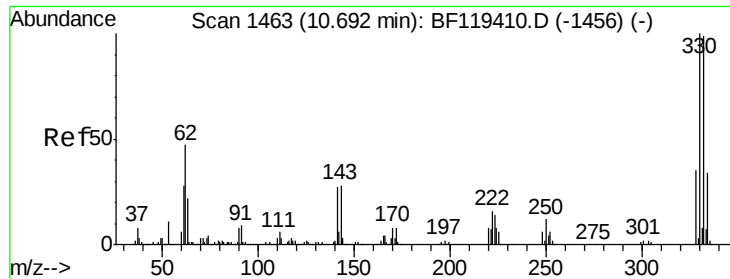
162 102.7 80.6 121.0

160 45.7 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

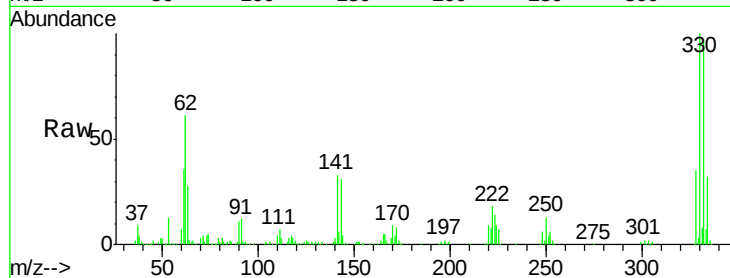




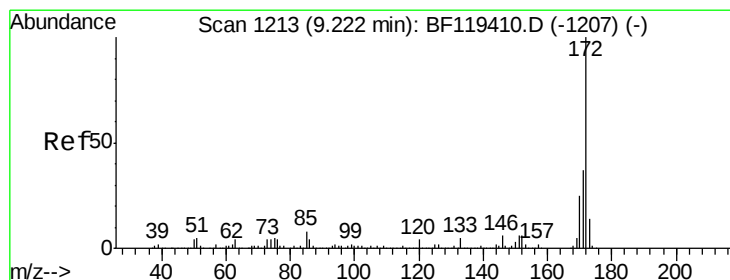
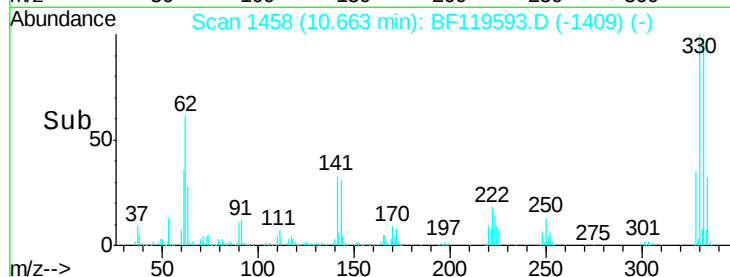
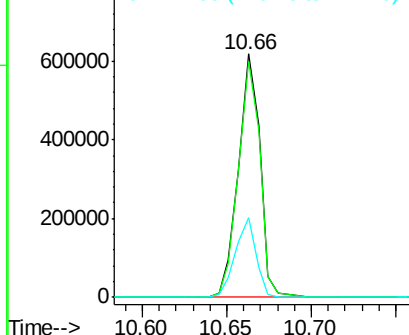
#42
 2,4,6-Tribromophenol
 Concen: 89.83 ng
 RT: 10.66 min Scan# 1458
 Delta R.T. -0.01 min
 Lab File: BF119593.D
 Acq: 28 Mar 2020 3:46

Instrument :
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 SB-1-(10-12)

Tgt Ion:330 Resp: 552097
 Ion Ratio Lower Upper
 330 100
 332 98.0 75.7 113.5
 141 31.7 25.4 38.0

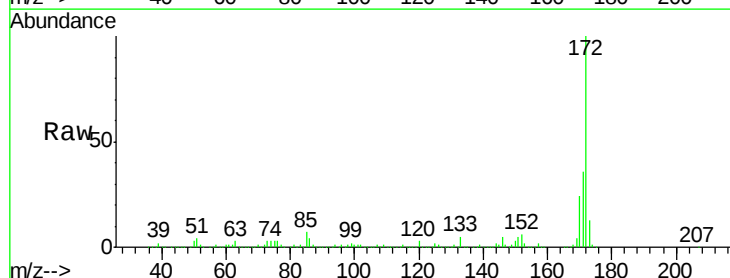


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

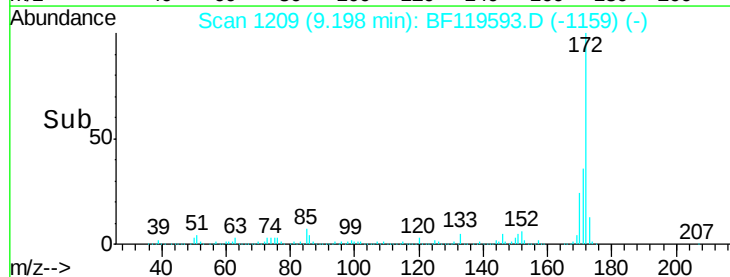
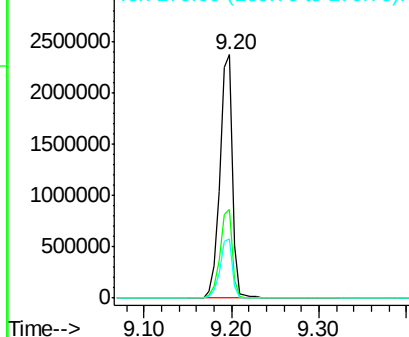


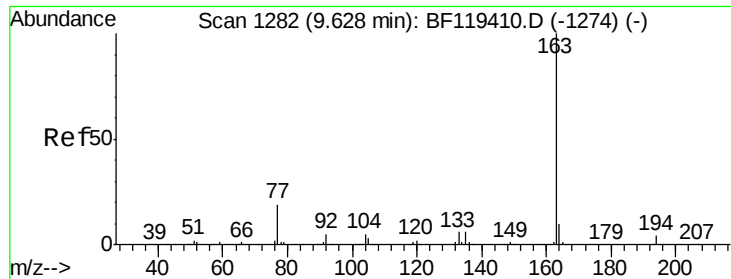
#45
 2-Fluorobiphenyl
 Concen: 58.79 ng
 RT: 9.20 min Scan# 1209
 Delta R.T. -0.01 min
 Lab File: BF119593.D
 Acq: 28 Mar 2020 3:46

Tgt Ion:172 Resp: 2364111
 Ion Ratio Lower Upper
 172 100
 171 36.3 29.6 44.4
 170 24.3 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

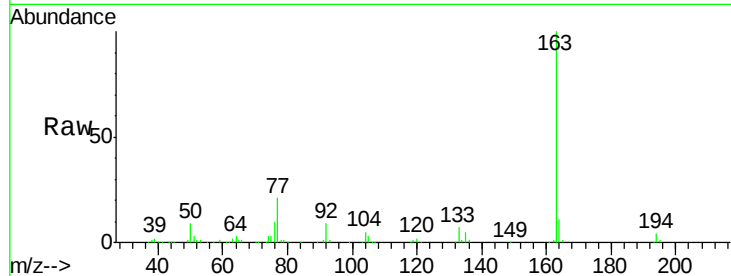




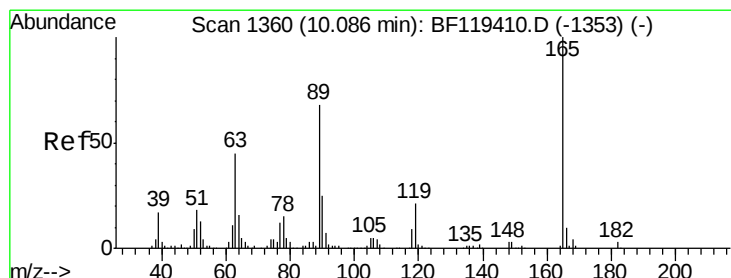
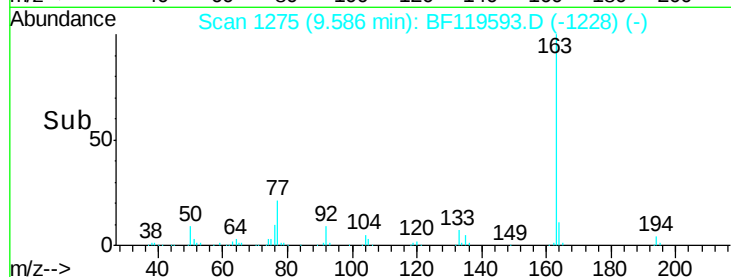
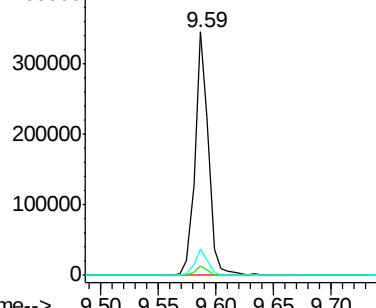
#50
Dimethylphthalate
Concen: 6.54 ng
RT: 9.59 min Scan# 1275
Delta R.T. -0.02 min
Lab File: BF119593.D
Acq: 28 Mar 2020 3:46

Instrument :
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Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.7	3.1	4.7
164	10.5	8.2	12.2



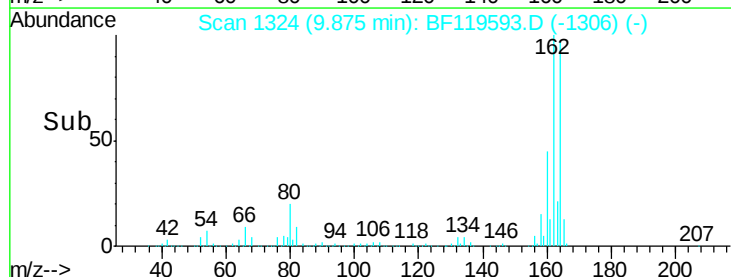
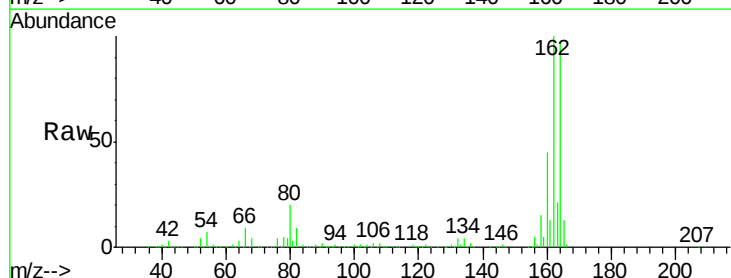
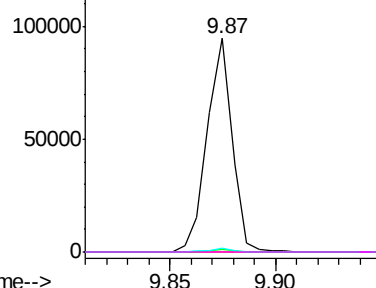
Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

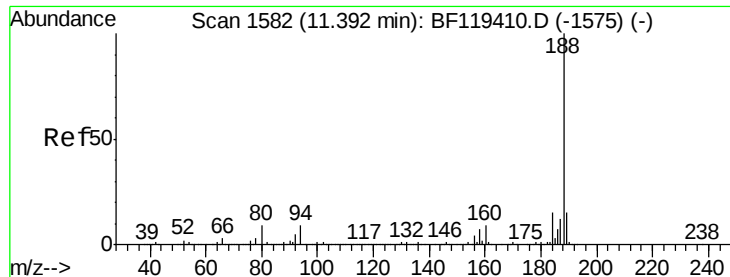


#57
2,4-Dinitrotoluene
Concen: 6.78 ng
RT: 9.87 min Scan# 1324
Delta R.T. -0.19 min
Lab File: BF119593.D
Acq: 28 Mar 2020 3:46

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.1	42.6	64.0#
89	1.6	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: 20.00 ng

RT: 11.36 min Scan# 1577

Delta R.T. -0.01 min

Lab File: BF119593.D

Acq: 28 Mar 2020 3:46

Instrument :

BNA_F

ClientSampleId :

SB-1-(10-12)

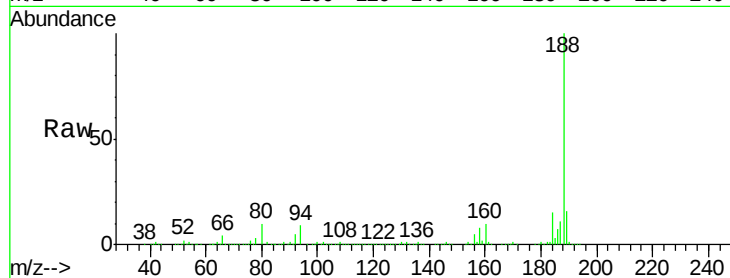
Tgt Ion:188 Resp: 1158742

Ion Ratio Lower Upper

188 100

94 9.3 7.5 11.3

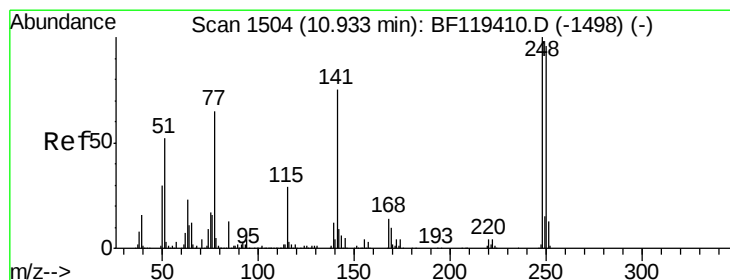
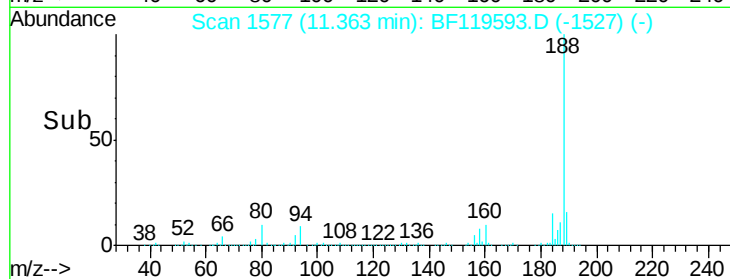
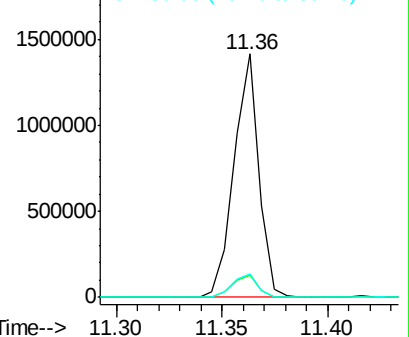
80 9.7 9.0 13.4



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: 2.57 ng

RT: 10.66 min Scan# 1458

Delta R.T. -0.25 min

Lab File: BF119593.D

Acq: 28 Mar 2020 3:46

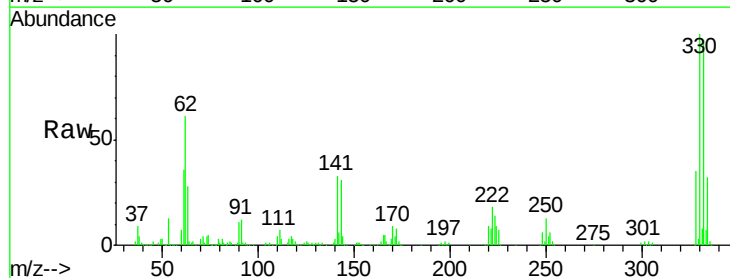
Tgt Ion:248 Resp: 33855

Ion Ratio Lower Upper

248 100

250 199.8 77.3 115.9#

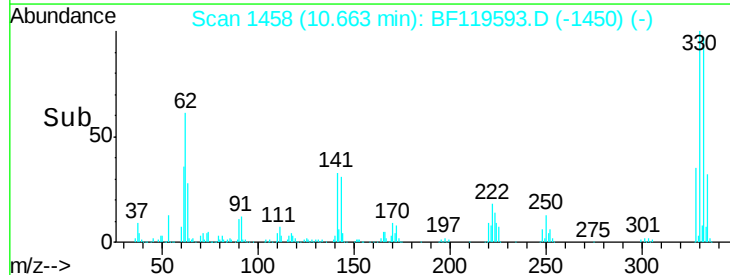
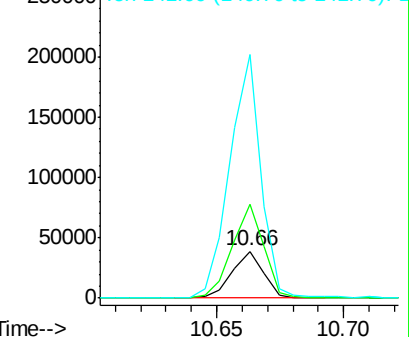
141 518.9 58.6 87.8#

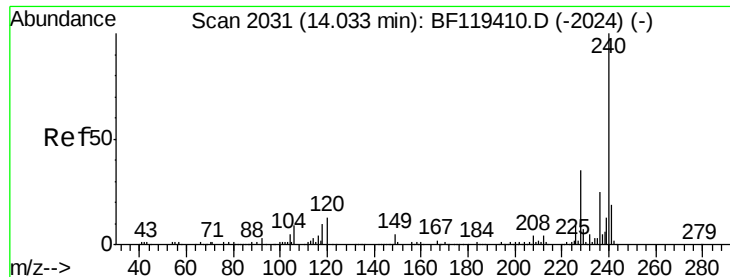


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

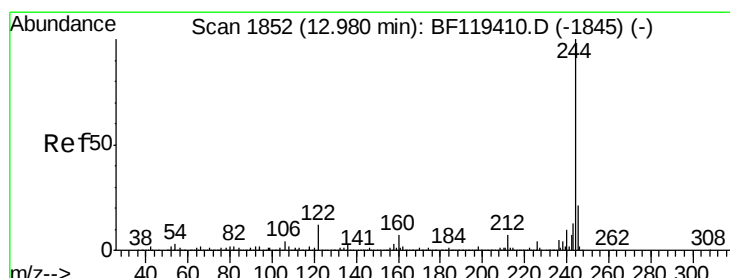
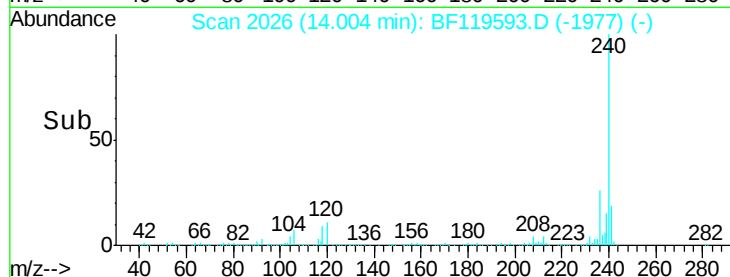
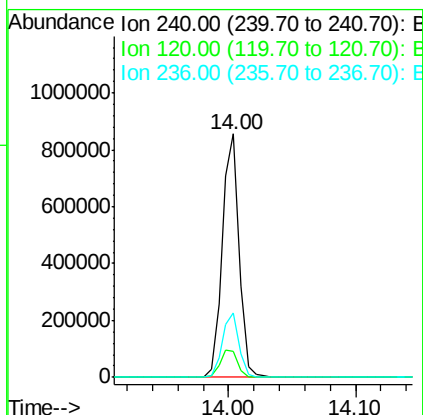
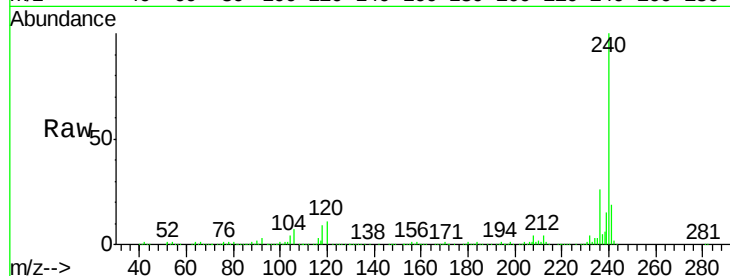




#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.00 min Scan# 2026
Delta R.T. -0.01 min
Lab File: BF119593.D
Acq: 28 Mar 2020 3:46

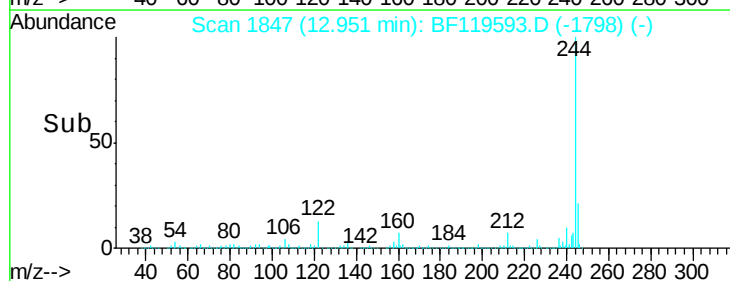
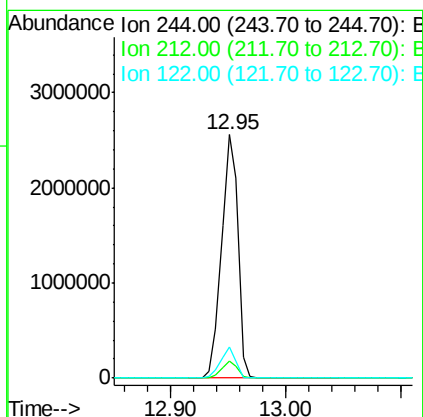
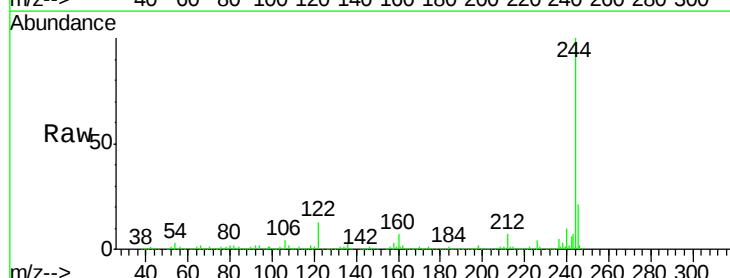
Instrument :
BNA_F
ClientSampleId :
SB-1-(10-12)

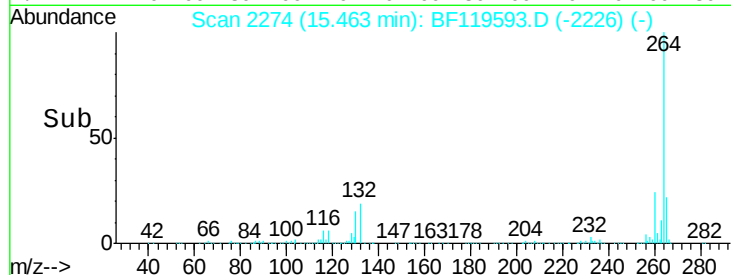
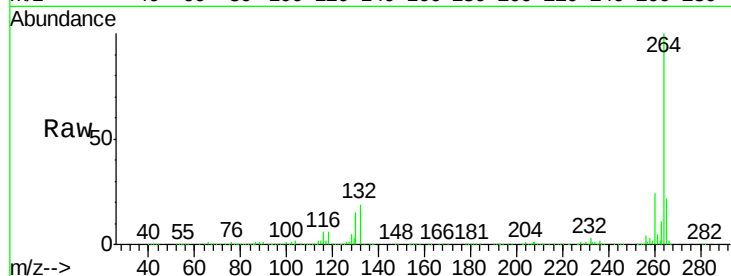
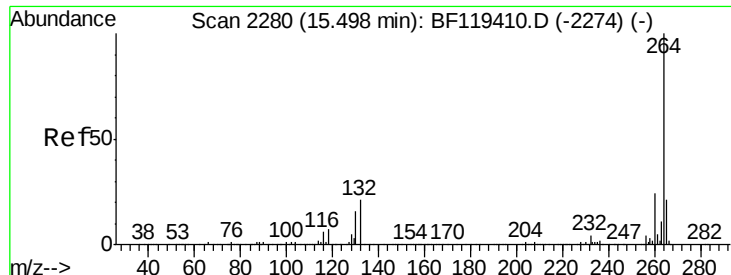
Tgt Ion:240 Resp: 790982
Ion Ratio Lower Upper
240 100
120 10.8 10.6 15.8
236 26.3 20.2 30.2



#79
Terphenyl-d14
Concen: 62.23 ng
RT: 12.95 min Scan# 1847
Delta R.T. -0.01 min
Lab File: BF119593.D
Acq: 28 Mar 2020 3:46

Tgt Ion:244 Resp: 2512243
Ion Ratio Lower Upper
244 100
212 6.8 5.8 8.8
122 12.9 10.3 15.5





#87
Perylene-d12
Concen: 20.00 ng
RT: 15.46 min Scan# 2274
Delta R.T. -0.02 min
Lab File: BF119593.D
Acq: 28 Mar 2020 3:46

Instrument :
BNA_F
ClientSampleId :
SB-1-(10-12)

Tgt Ion:	264	Resp:	640953
Ion Ratio	Lower	Upper	
264	100		
260	23.6	18.7	28.1
265	21.8	17.7	26.5

