

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF040620\
 Data File : BF119796.D
 Acq On : 7 Apr 2020 3:07
 Operator : MA/SJ
 Sample : L2135-04
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-2E-(7-9)

Quant Time: Apr 07 03:46:05 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF031820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 06 11:15:16 2020
 Response via : Initial Calibration

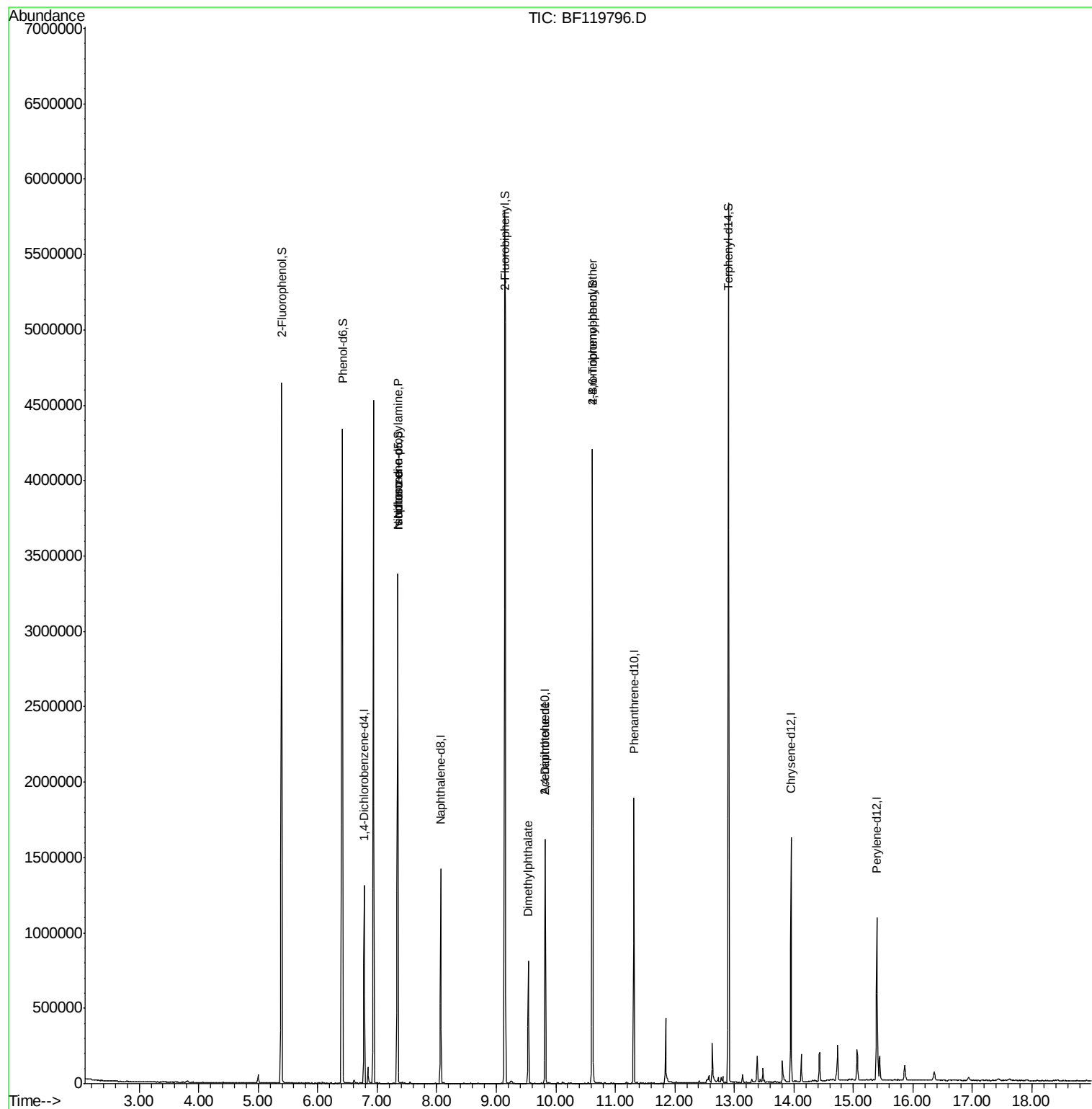
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.78	152	177506	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	677083	20.00	ng	0.00
39) Acenaphthene-d10	9.82	164	349813	20.00	ng	-0.01
64) Phenanthrene-d10	11.31	188	672845	20.00	ng	0.00
76) Chrysene-d12	13.95	240	518104	20.00	ng	0.00
87) Perylene-d12	15.40	264	497851	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.39	112	1396730	125.26	ng	0.00
7) Phenol-d6	6.42	99	1775947	124.68	ng	0.00
23) Nitrobenzene-d5	7.35	82	1092579	87.70	ng	0.00
42) 2,4,6-Tribromophenol	10.62	330	520916	144.34	ng	0.00
45) 2-Fluorobiphenyl	9.15	172	1986078	84.11	ng	0.00
79) Terphenyl-d14	12.90	244	2195579	83.03	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.35	70	142124	16.55	ng	# 75
25) Isophorone	7.35	82	1088929	43.09	ng	# 65
50) Dimethylphthalate	9.54	163	293031	11.79	ng	100
57) 2,4-Dinitrotoluene	9.82	165	44078	6.57	ng	# 20
67) 4-Bromophenyl-phenylether	10.62	248	30883	4.03	ng	# 1

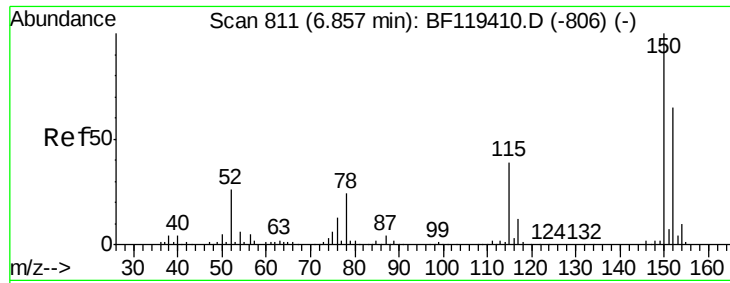
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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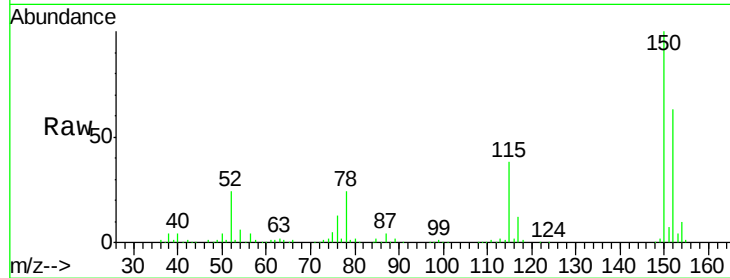


#1

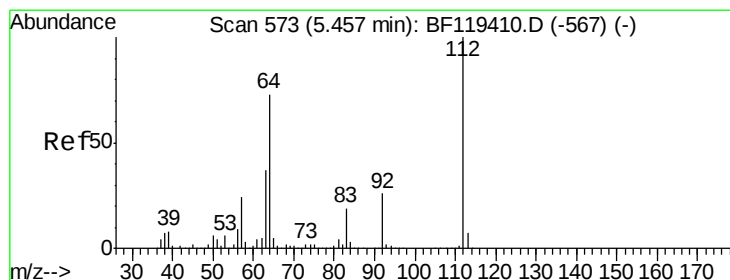
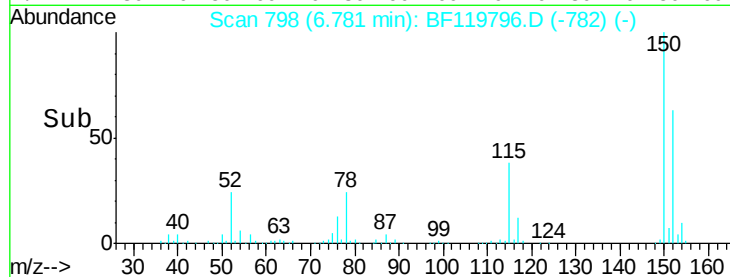
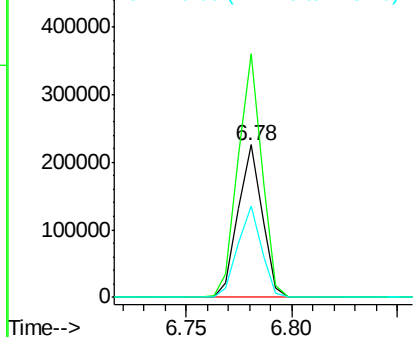
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.78 min Scan# 798
Delta R.T. -0.01 min
Lab File: BF119796.D
Acq: 7 Apr 2020 3:07

Instrument :
BNA_F
ClientSampleId :
SB-2E-(7-9)

Tgt Ion:152 Resp: 177506
Ion Ratio Lower Upper
152 100
150 159.7 124.5 186.7
115 60.1 49.6 74.4



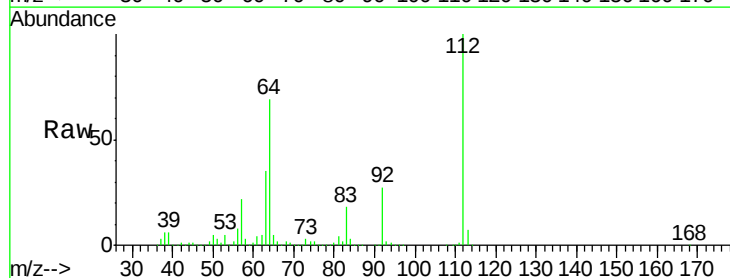
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



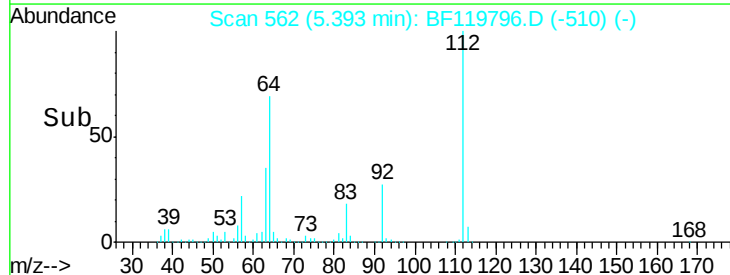
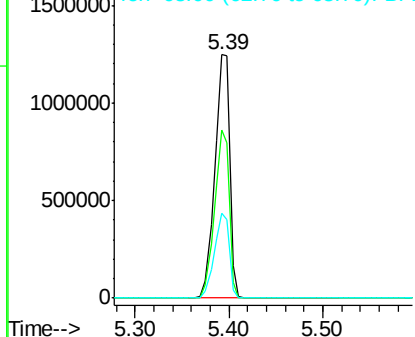
#5

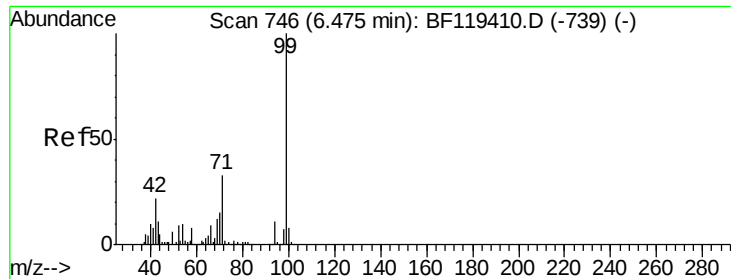
2-Fluorophenol
Concen: 125.26 ng
RT: 5.39 min Scan# 562
Delta R.T. 0.01 min
Lab File: BF119796.D
Acq: 7 Apr 2020 3:07

Tgt Ion:112 Resp: 1396730
Ion Ratio Lower Upper
112 100
64 69.2 56.7 85.1
63 35.1 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: 124.68 ng

RT: 6.42 min Scan# 736

Delta R.T. 0.00 min

Lab File: BF119796.D

Acq: 7 Apr 2020 3:07

Instrument :

BNA_F

ClientSampleId :

SB-2E-(7-9)

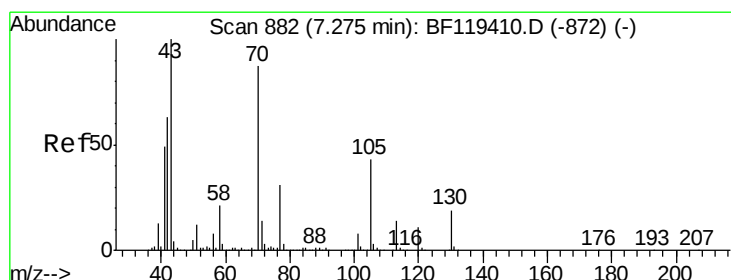
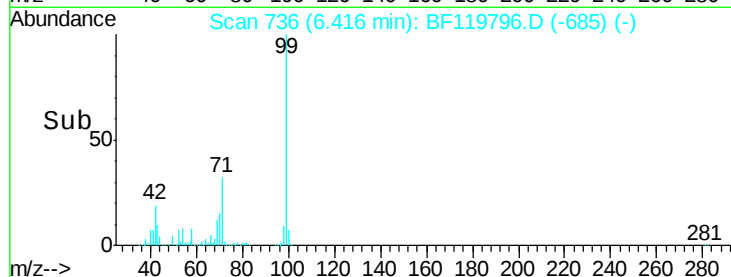
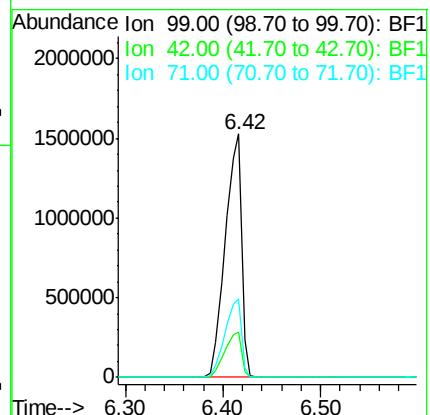
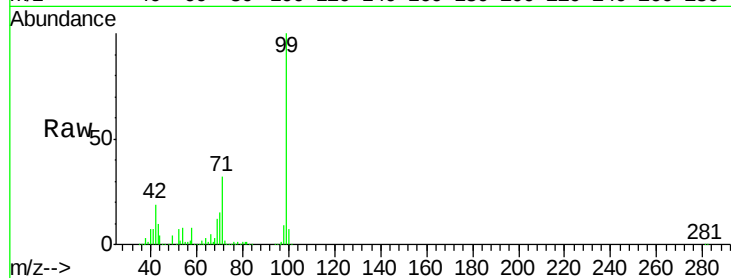
Tgt Ion: 99 Resp: 1775947

Ion Ratio Lower Upper

99 100

42 18.8 16.6 24.8

71 32.4 26.4 39.6



#19

n-Nitroso-di-n-propylamine

Concen: 16.55 ng

RT: 7.35 min Scan# 894

Delta R.T. 0.14 min

Lab File: BF119796.D

Acq: 7 Apr 2020 3:07

Tgt Ion: 70 Resp: 142124

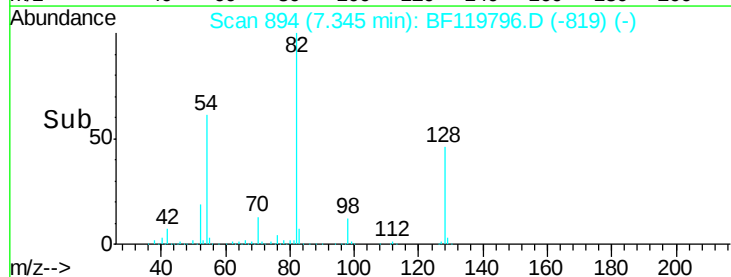
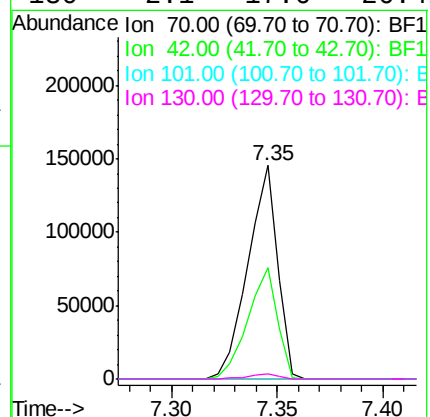
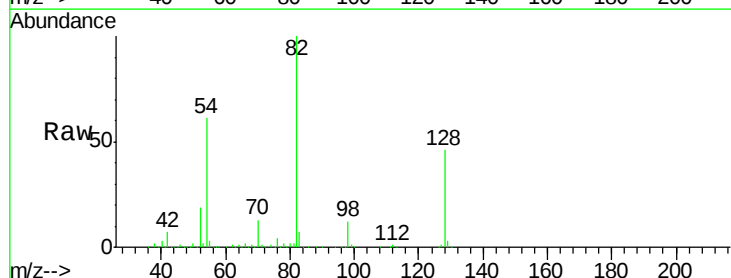
Ion Ratio Lower Upper

70 100

42 51.9 54.5 81.7#

101 0.0 7.6 11.4#

130 2.1 17.6 26.4#

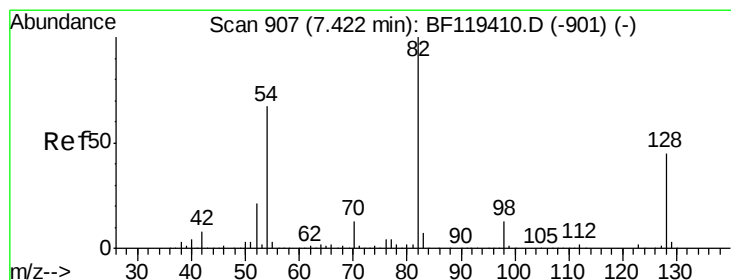
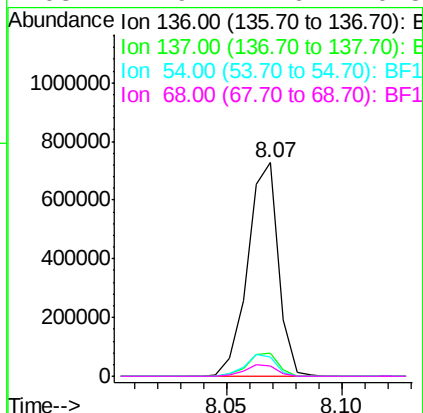
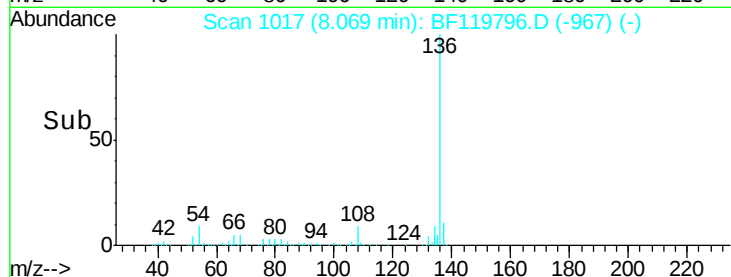
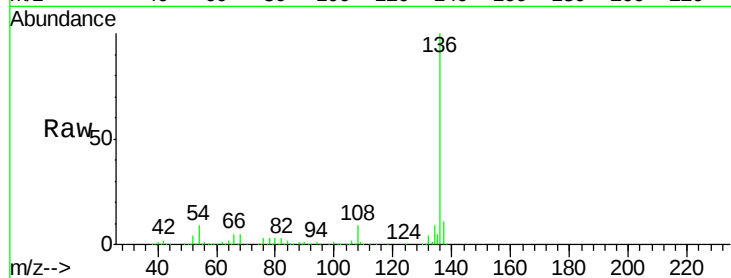




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.07 min Scan# 1017
Delta R.T. -0.01 min
Lab File: BF119796.D
Acq: 7 Apr 2020 3:07

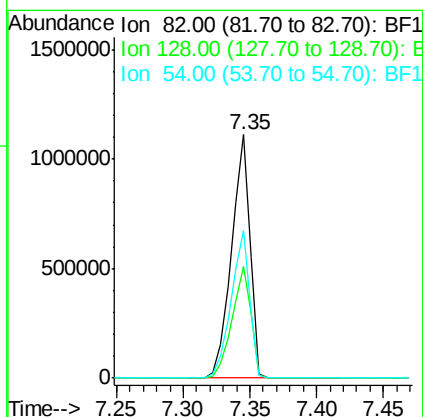
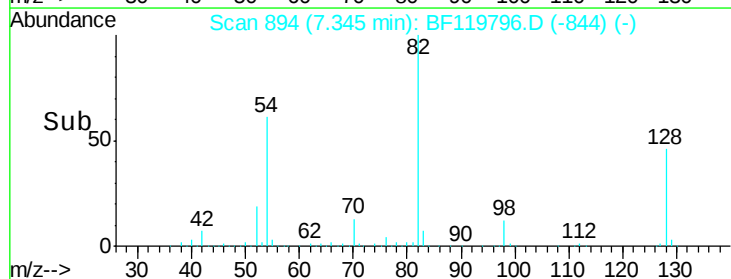
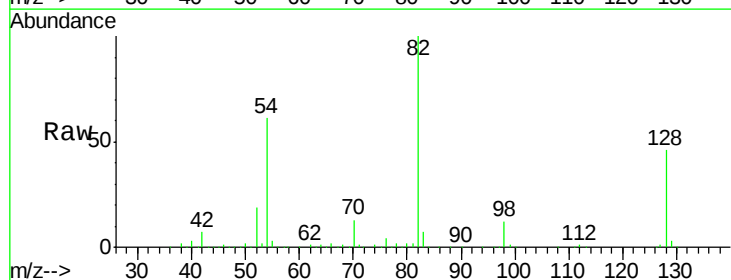
Instrument :
BNA_F
ClientSampleId :
SB-2E-(7-9)

Tgt Ion:	136	Resp:	677083
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.7	13.1
54	8.9	9.1	13.7#
68	4.9	4.6	6.8



#23
Nitrobenzene-d5
Concen: 87.70 ng
RT: 7.35 min Scan# 894
Delta R.T. -0.01 min
Lab File: BF119796.D
Acq: 7 Apr 2020 3:07

Tgt Ion:	82	Resp:	1092579
Ion	Ratio	Lower	Upper
82	100		
128	45.8	36.3	54.5
54	60.8	50.6	75.8





#25

Isophorone

Concen: 43.09 ng

RT: 7.35 min Scan# 894

Delta R.T. -0.26 min

Lab File: BF119796.D

Acq: 7 Apr 2020 3:07

Instrument :

BNA_F

ClientSampleId :

SB-2E-(7-9)

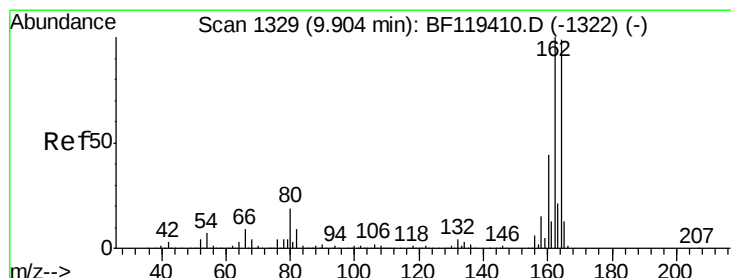
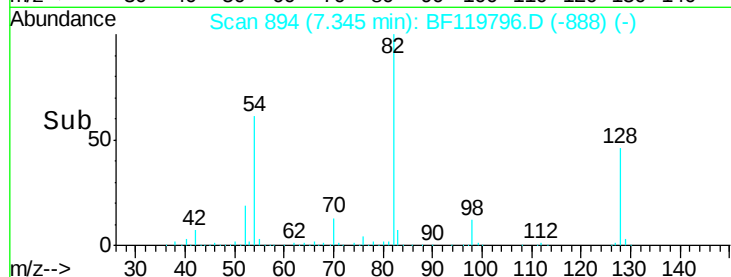
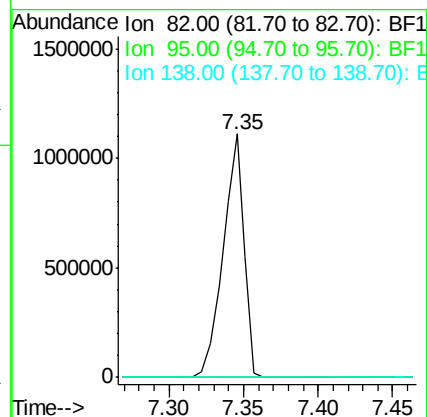
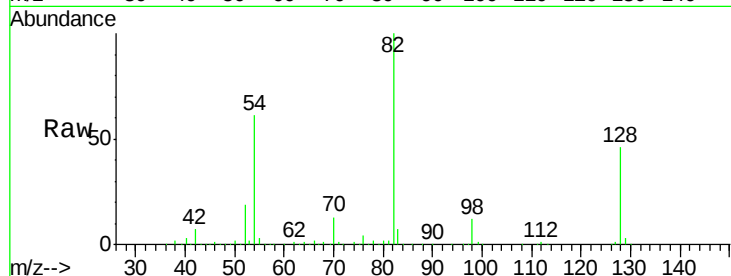
Tgt Ion: 82 Resp: 1088929

Ion Ratio Lower Upper

82 100

95 0.0 5.8 8.6#

138 0.0 14.6 21.8#



#39

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.82 min Scan# 1315

Delta R.T. -0.01 min

Lab File: BF119796.D

Acq: 7 Apr 2020 3:07

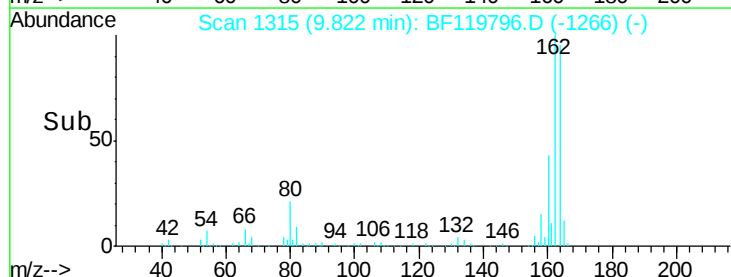
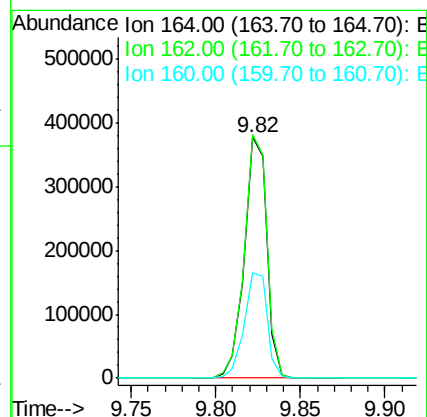
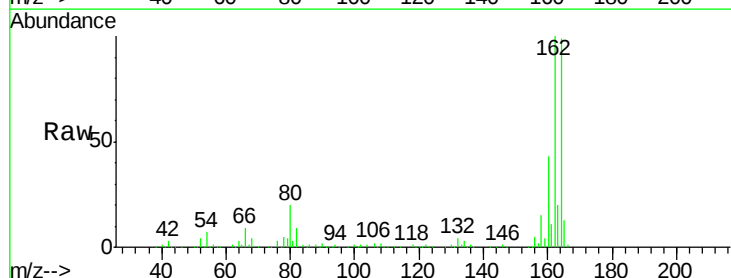
Tgt Ion: 164 Resp: 349813

Ion Ratio Lower Upper

164 100

162 101.3 80.6 121.0

160 43.7 35.7 53.5





#42

2,4,6-Tribromophenol

Concen: 144.34 ng

RT: 10.62 min Scan# 1450

Delta R.T. -0.01 min

Lab File: BF119796.D

Acq: 7 Apr 2020 3:07

Instrument :

BNA_F

ClientSampleId :

SB-2E-(7-9)

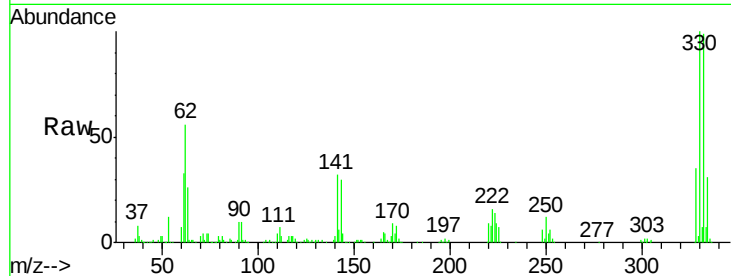
Tgt Ion:330 Resp: 520916

Ion Ratio Lower Upper

330 100

332 96.7 75.7 113.5

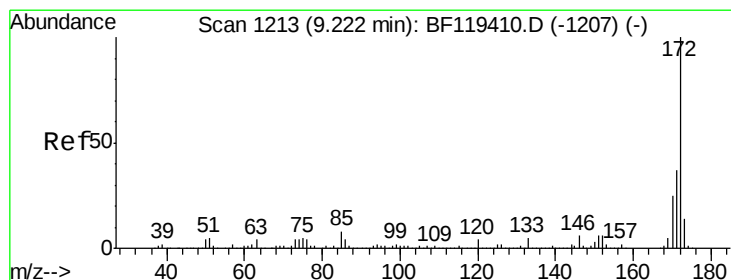
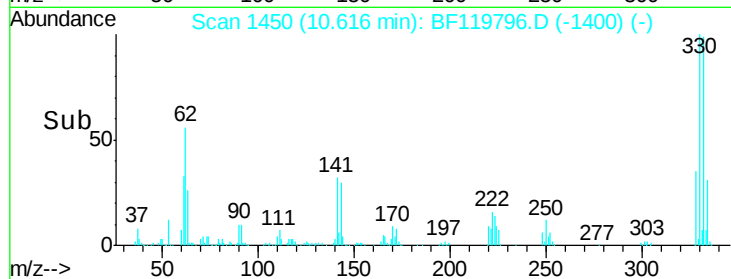
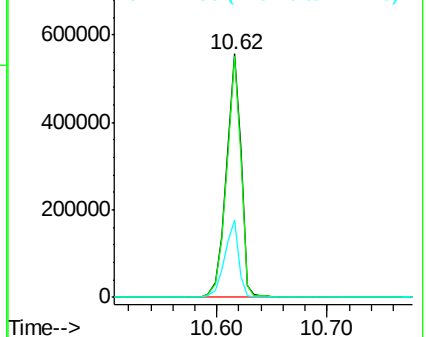
141 30.3 25.4 38.0



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: 84.11 ng

RT: 9.15 min Scan# 1200

Delta R.T. -0.01 min

Lab File: BF119796.D

Acq: 7 Apr 2020 3:07

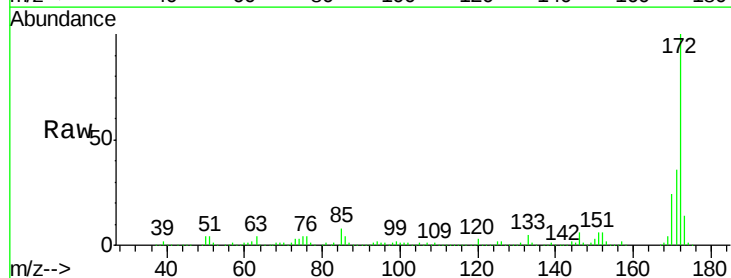
Tgt Ion:172 Resp: 1986078

Ion Ratio Lower Upper

172 100

171 36.3 29.6 44.4

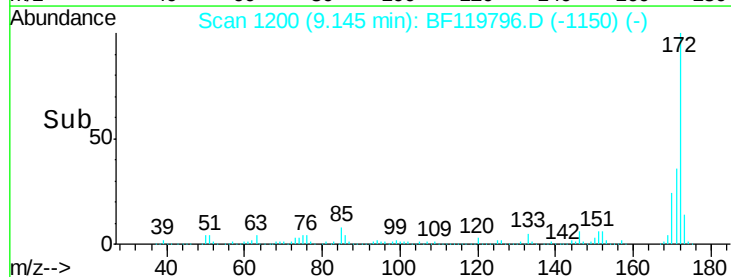
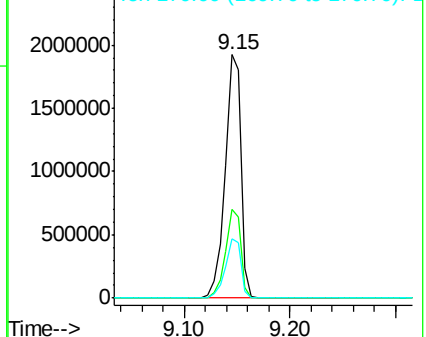
170 24.4 20.2 30.2

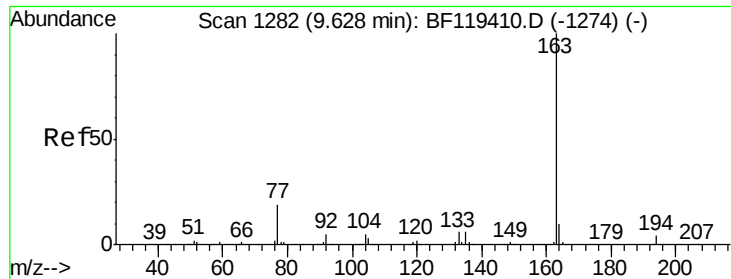


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

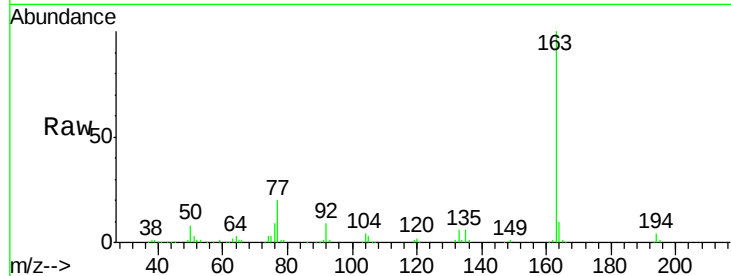




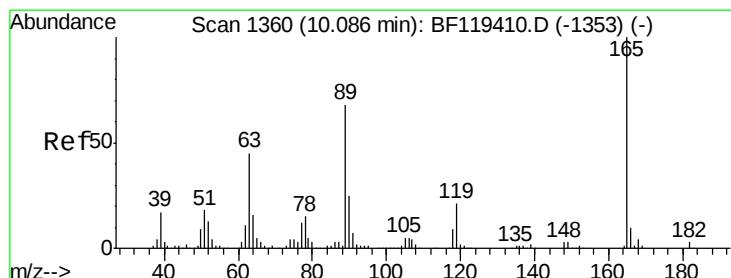
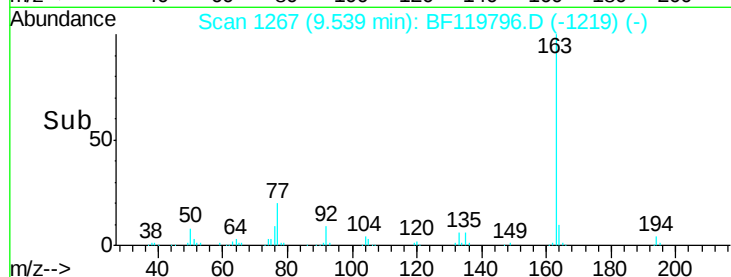
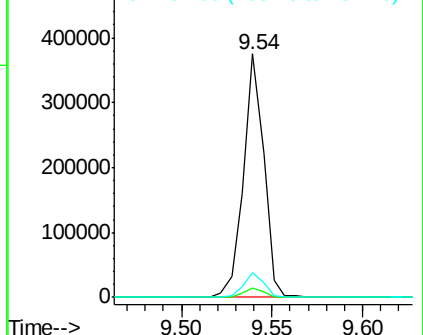
#50
Dimethylphthalate
Concen: 11.79 ng
RT: 9.54 min Scan# 1267
Delta R.T. -0.02 min
Lab File: BF119796.D
Acq: 7 Apr 2020 3:07

Instrument :
BNA_F
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SB-2E-(7-9)

Tgt Ion:	163	Resp:	293031
Ion Ratio	Lower	Upper	
163	100		
194	3.8	3.1	4.7
164	10.3	8.2	12.2

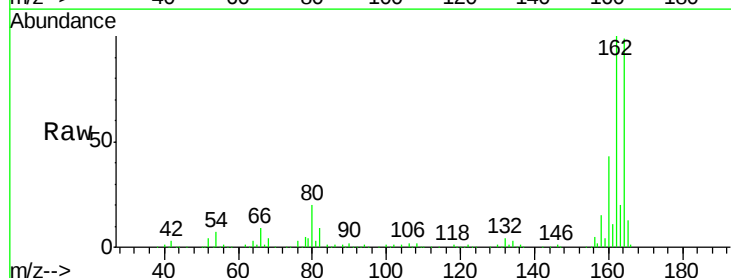


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

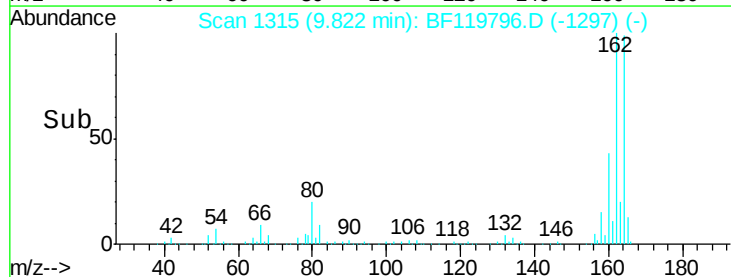
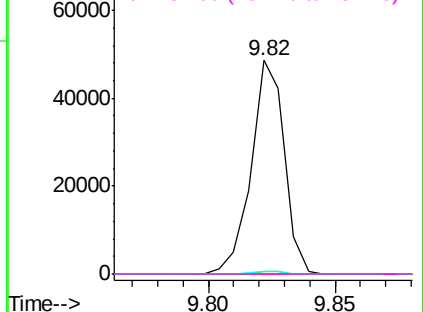


#57
2,4-Dinitrotoluene
Concen: 6.57 ng
RT: 9.82 min Scan# 1315
Delta R.T. -0.19 min
Lab File: BF119796.D
Acq: 7 Apr 2020 3:07

Tgt Ion:	165	Resp:	44078
Ion Ratio	Lower	Upper	
165	100		
63	1.3	42.6	64.0#
89	1.0	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: 11.31 min Scan# 1568

Delta R.T. -0.01 min

Lab File: BF119796.D

Acq: 7 Apr 2020 3:07

Instrument :

BNA_F

ClientSampleId :

SB-2E-(7-9)

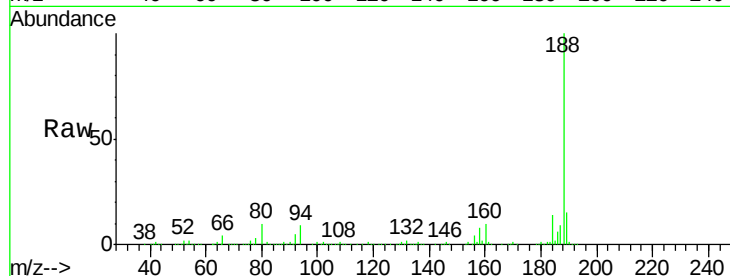
Tgt Ion:188 Resp: 672845

Ion Ratio Lower Upper

188 100

94 9.0 7.5 11.3

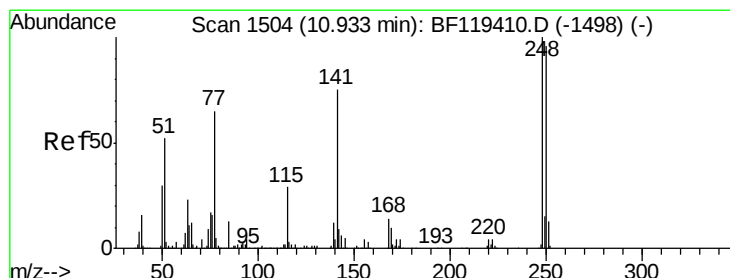
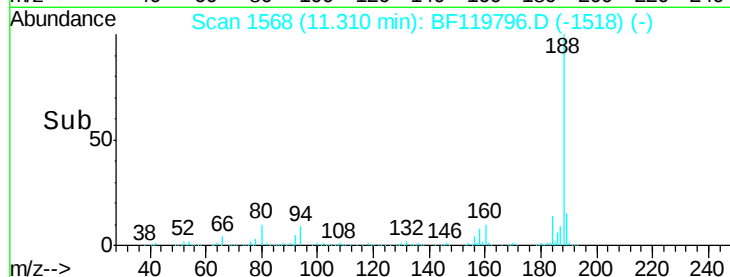
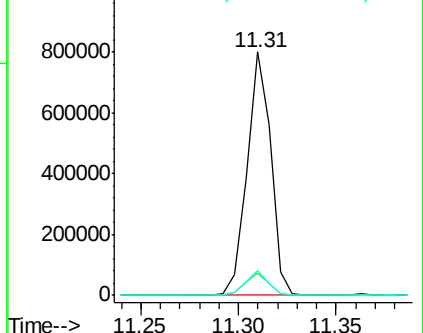
80 10.0 9.0 13.4



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: 4.03 ng

RT: 10.62 min Scan# 1450

Delta R.T. -0.25 min

Lab File: BF119796.D

Acq: 7 Apr 2020 3:07

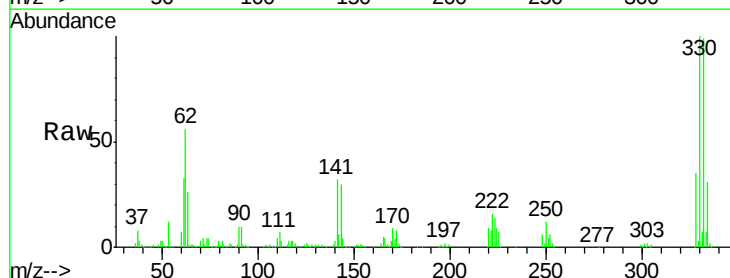
Tgt Ion:248 Resp: 30883

Ion Ratio Lower Upper

248 100

250 196.7 77.3 115.9#

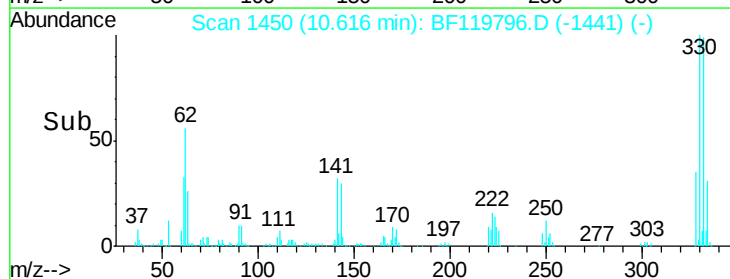
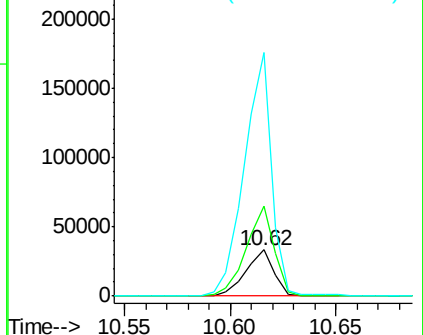
141 528.6 58.6 87.8#

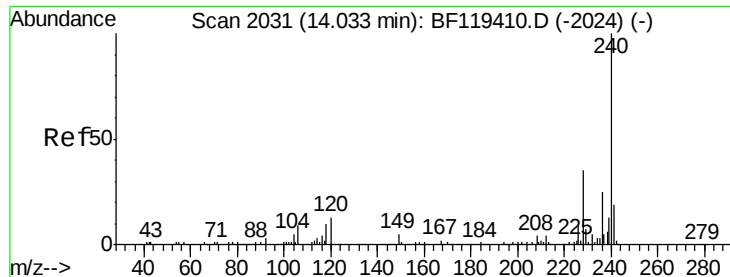


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

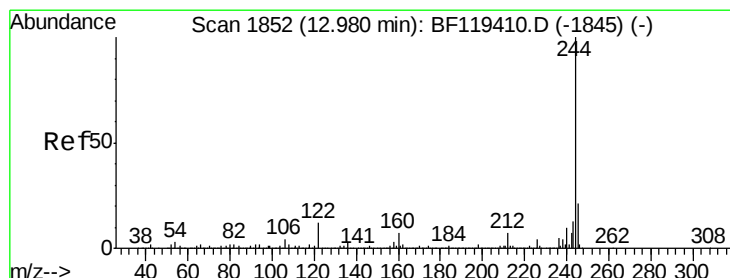
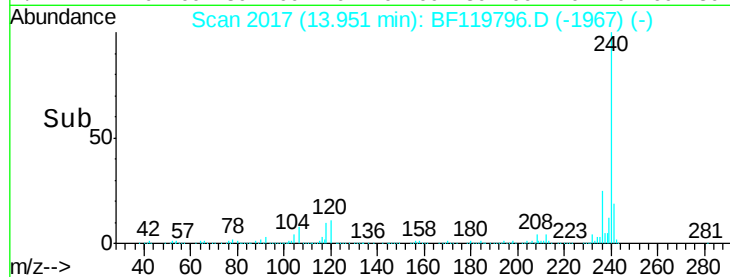
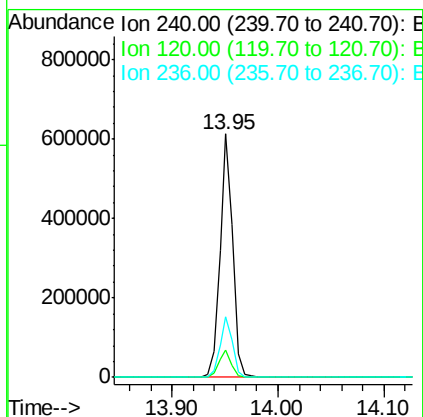
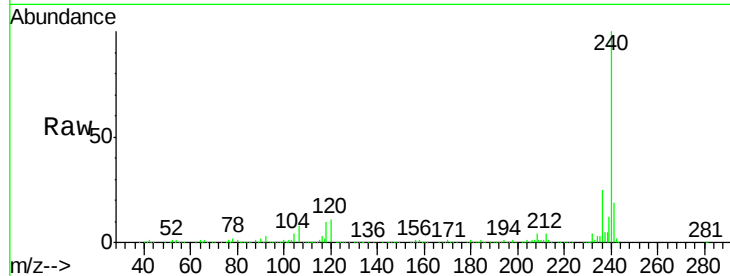




#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.95 min Scan# 2017
Delta R.T. -0.01 min
Lab File: BF119796.D
Acq: 7 Apr 2020 3:07

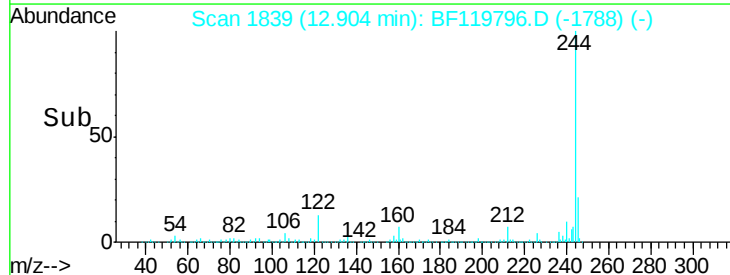
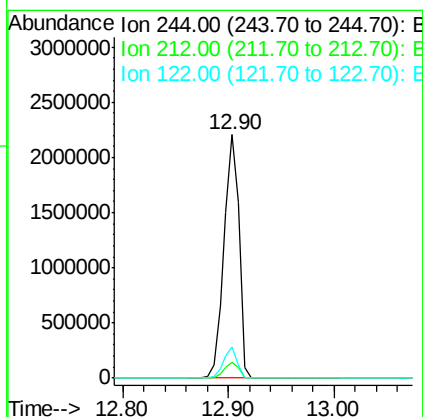
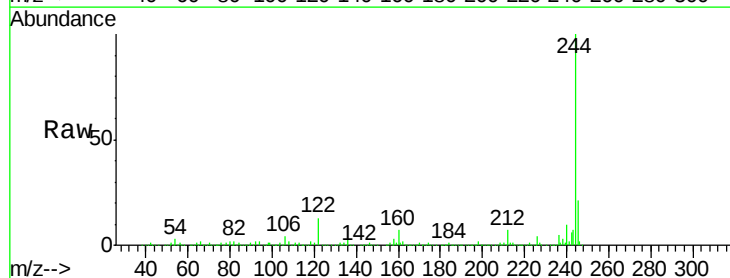
Instrument :
BNA_F
ClientSampleId :
SB-2E-(7-9)

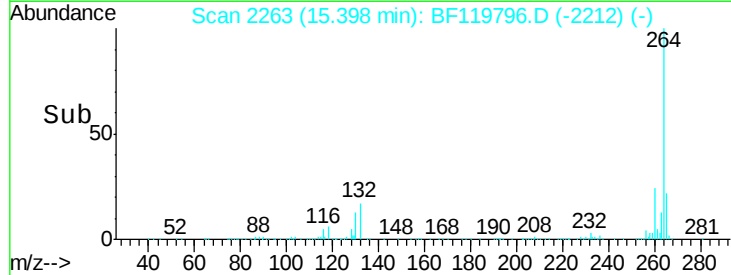
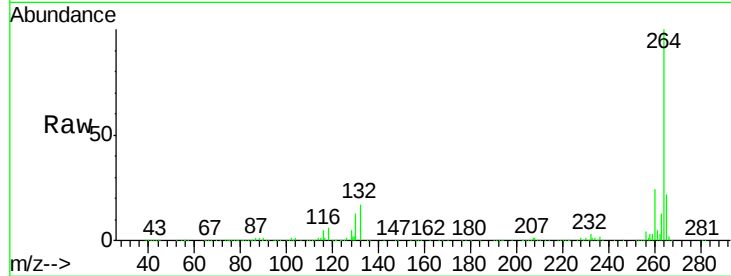
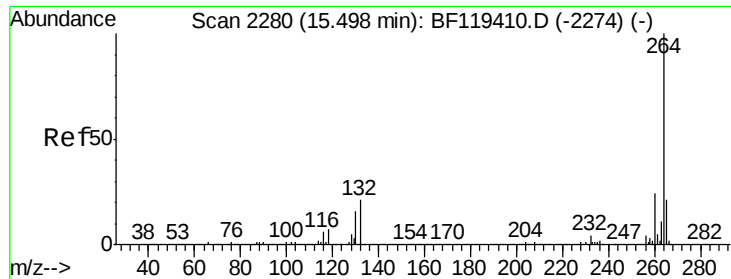
Tgt Ion:240 Resp: 518104
Ion Ratio Lower Upper
240 100
120 11.2 10.6 15.8
236 25.1 20.2 30.2



#79
Terphenyl-d14
Concen: 83.03 ng
RT: 12.90 min Scan# 1839
Delta R.T. 0.00 min
Lab File: BF119796.D
Acq: 7 Apr 2020 3:07

Tgt Ion:244 Resp: 2195579
Ion Ratio Lower Upper
244 100
212 6.5 5.8 8.8
122 12.7 10.3 15.5





#87
Perylene-d12
Concen: 20.00 ng
RT: 15.40 min Scan# 2263
Delta R.T. 0.00 min
Lab File: BF119796.D
Acq: 7 Apr 2020 3:07

Instrument :
BNA_F
ClientSampleId :
SB-2E-(7-9)

Tgt Ion:	264	Resp:	497851
Ion	Ratio	Lower	Upper
264	100		
260	23.8	18.7	28.1
265	22.3	17.7	26.5

