

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040620\
 Data File : BF119817.D
 Acq On : 7 Apr 2020 13:01
 Operator : MA/SJ
 Sample : L2112-01
 Misc :
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HR-06-040220

Quant Time: Apr 07 13:39:32 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

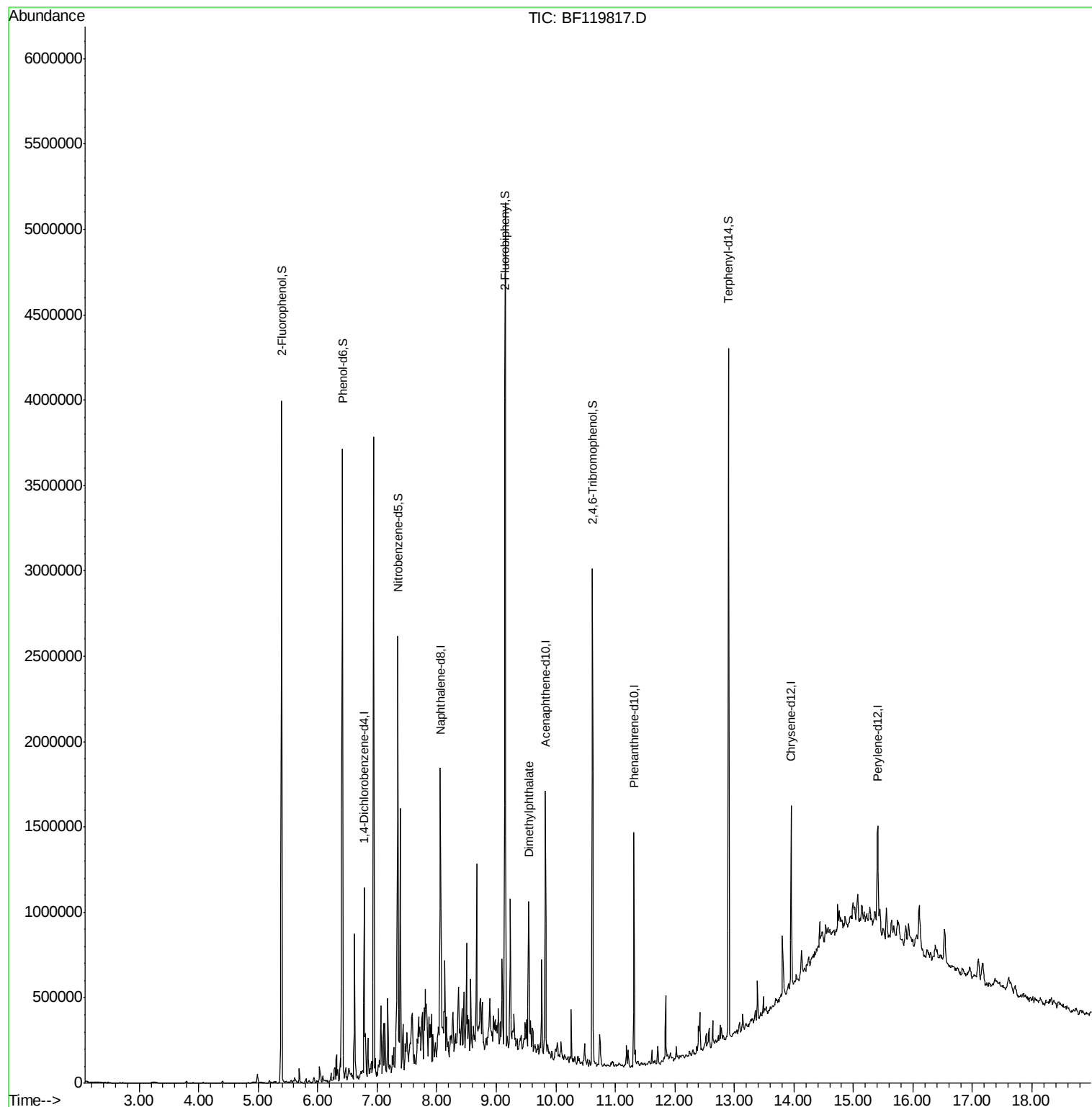
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.78	152	156214	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	563295	20.00	ng	0.00
39) Acenaphthene-d10	9.83	164	274294	20.00	ng	0.00
64) Phenanthrene-d10	11.32	188	501046	20.00	ng	0.00
76) Chrysene-d12	13.96	240	349713	20.00	ng	0.00
87) Perylene-d12	15.41	264	281389	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.39	112	1062553	108.28	ng	0.00
7) Phenol-d6	6.42	99	1328669	105.99	ng	0.00
23) Nitrobenzene-d5	7.35	82	811647	78.31	ng	0.00
42) 2,4,6-Tribromophenol	10.62	330	333924	118.00	ng	0.00
45) 2-Fluorobiphenyl	9.15	172	1457478	78.72	ng	0.00
79) Terphenyl-d14	12.90	244	1465484	82.10	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.55	163	273150	14.020	ng	Qvalue 99

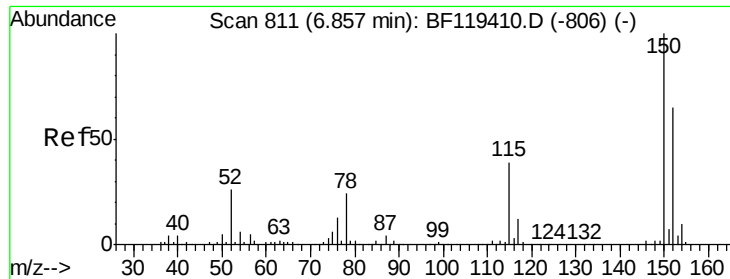
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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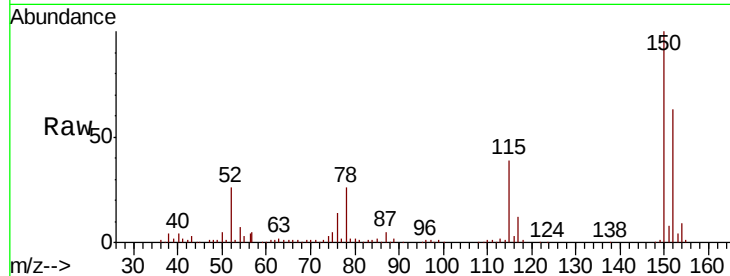


#1

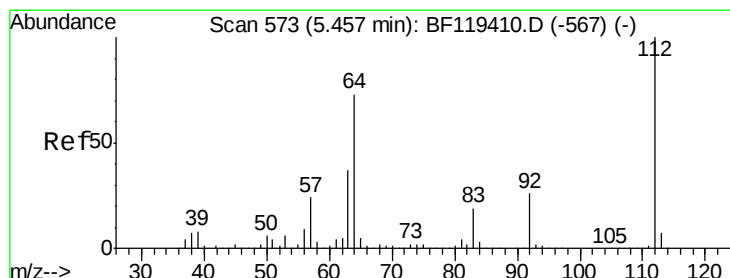
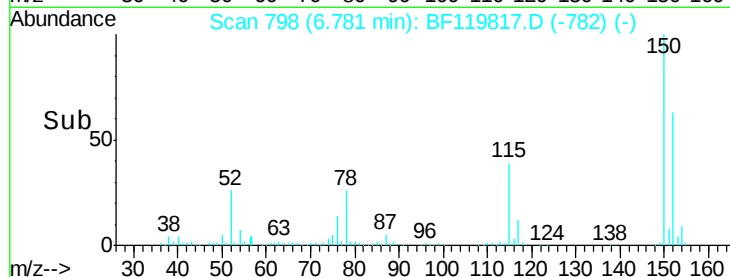
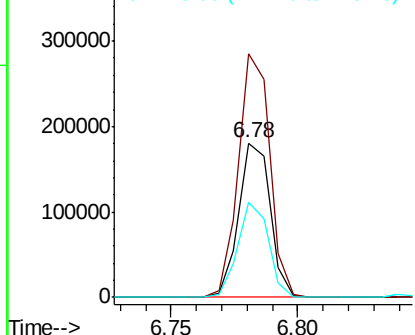
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.78 min Scan# 798
Delta R.T. -0.01 min
Lab File: BF119817.D
Acq: 7 Apr 2020 13:01

Instrument :
BNA_F
ClientSampleId :
HR-06-040220

Tot Ion:152 Resp: 156214
Ion Ratio Lower Upper
152 100
150 157.9 124.5 186.7
115 61.4 49.6 74.4



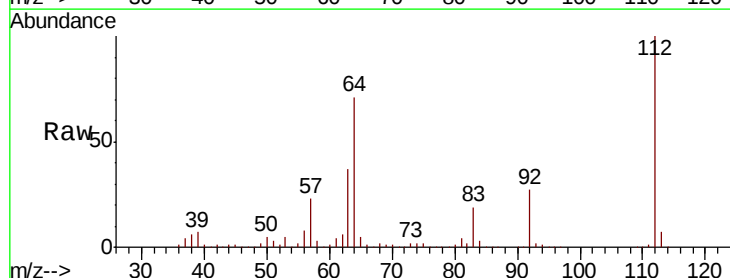
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



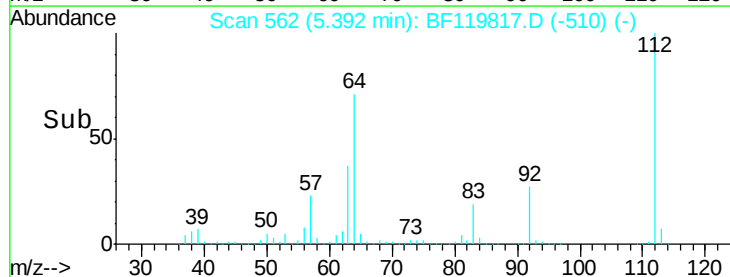
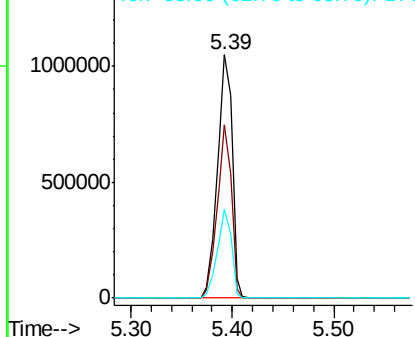
#5

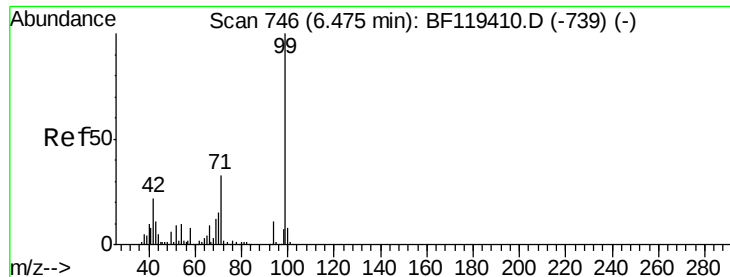
2-Fluorophenol
Concen: 108.280 ng
RT: 5.39 min Scan# 562
Delta R.T. 0.01 min
Lab File: BF119817.D
Acq: 7 Apr 2020 13:01

Tgt Ion:112 Resp: 1062553
Ion Ratio Lower Upper
112 100
64 71.3 56.7 85.1
63 36.6 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: 105.993 ng

RT: 6.42 min Scan# 736

Delta R.T. -0.00 min

Lab File: BF119817.D

Acq: 7 Apr 2020 13:01

Instrument :

BNA_F

ClientSampleId :

HR-06-040220

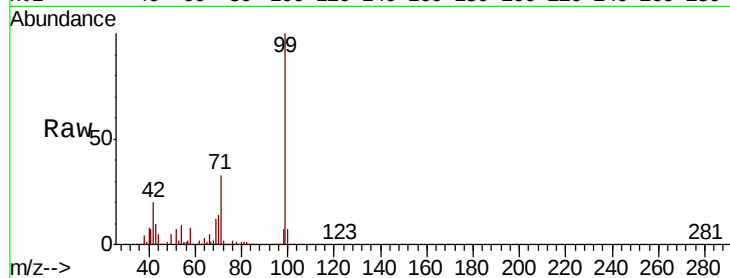
Tot Ion: 99 Resp: 1328669

Ion Ratio Lower Upper

99 100

42 20.0 16.6 24.8

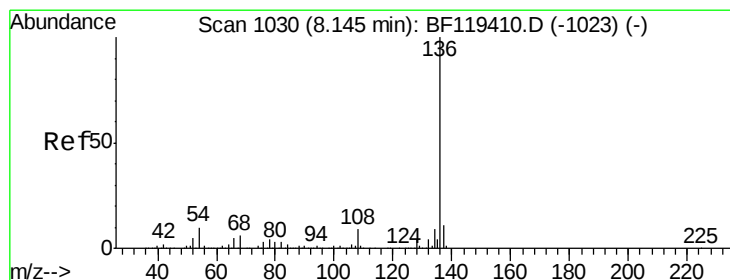
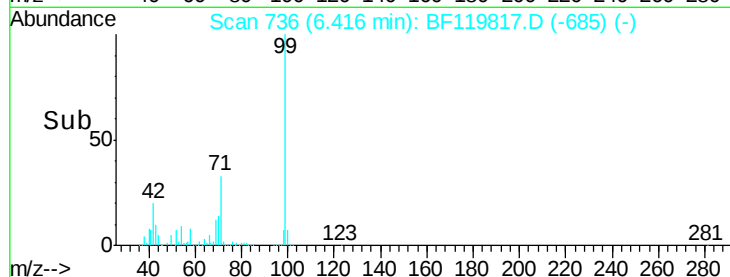
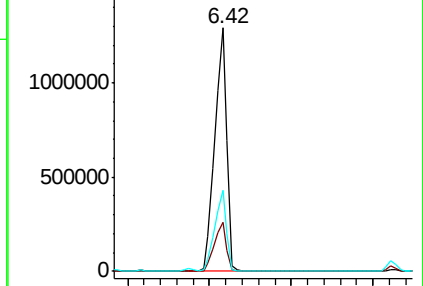
71 33.1 26.4 39.6



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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.07 min Scan# 1017

Delta R.T. -0.01 min

Lab File: BF119817.D

Acq: 7 Apr 2020 13:01

Tgt Ion: 136 Resp: 563295

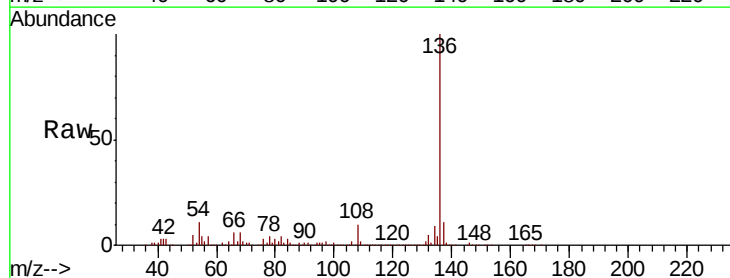
Ion Ratio Lower Upper

136 100

137 11.1 8.7 13.1

54 10.9 9.1 13.7

68 6.0 4.6 6.8

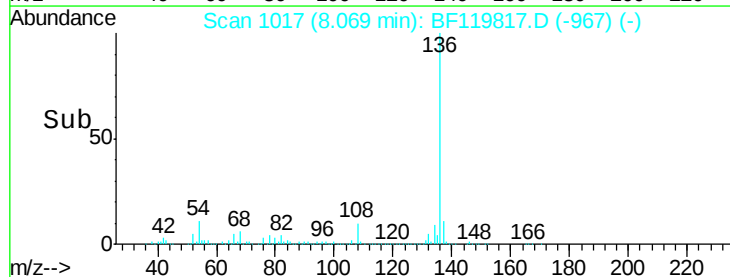
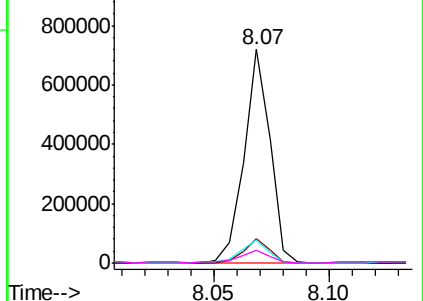


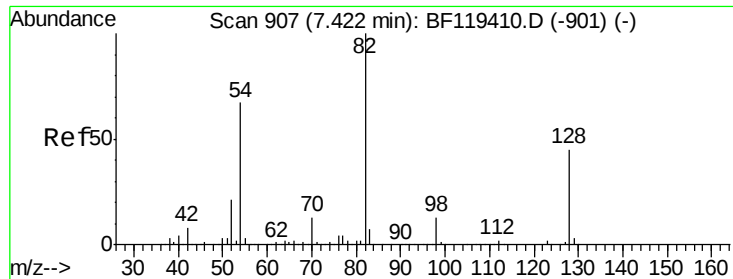
Abundance Ion 136.00 (135.70 to 136.70): E

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

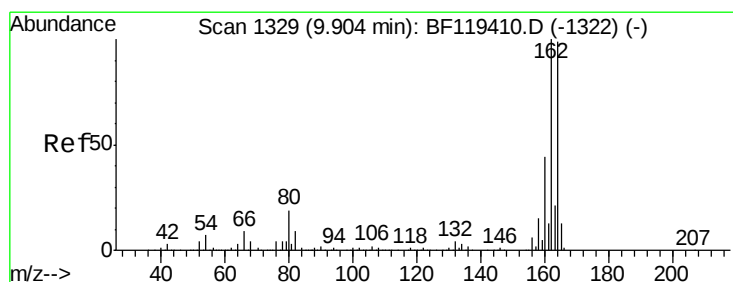
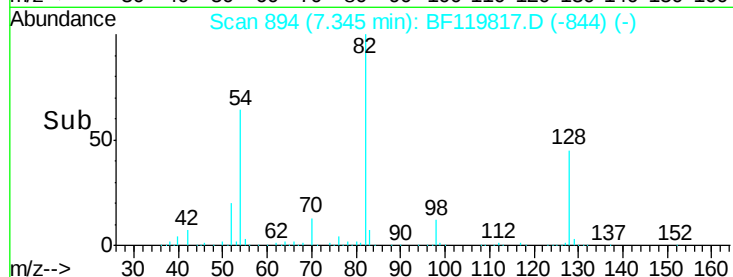
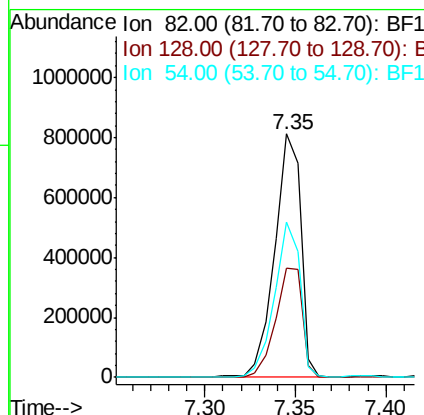
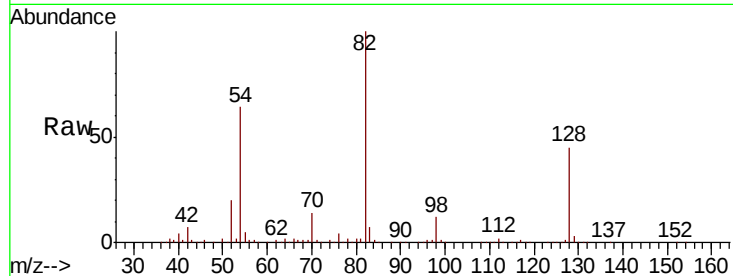




#23
 Nitrobenzene-d5
 Concen: 78.309 ng
 RT: 7.35 min Scan# 894
 Delta R.T. -0.01 min
 Lab File: BF119817.D
 Acq: 7 Apr 2020 13:01

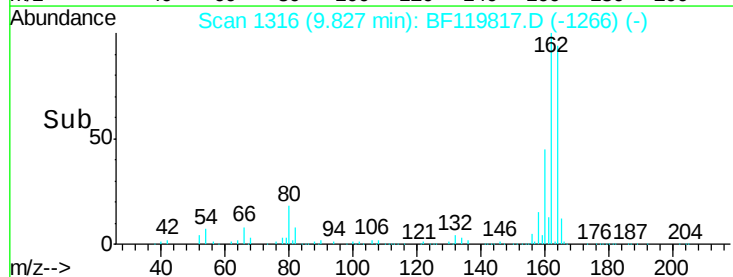
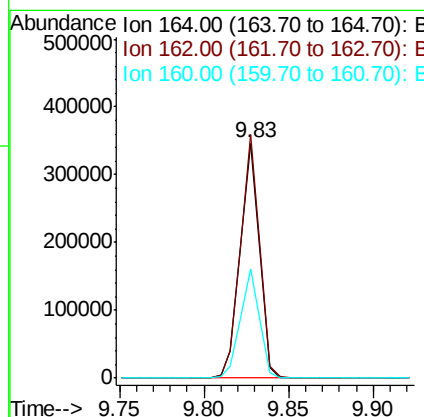
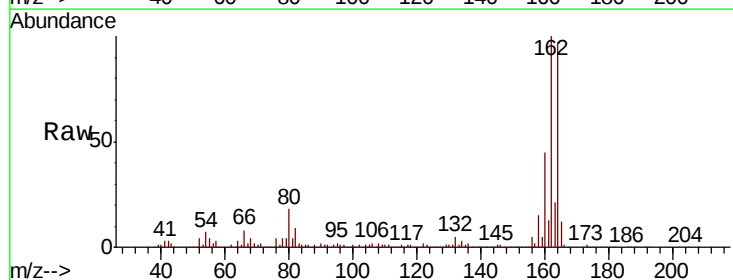
Instrument :
 BNA_F
 ClientSampleId :
 HR-06-040220

Tot Ion	82	Resp	811647
Ion Ratio	Lower	Upper	
82	100		
128	44.8	36.3	54.5
54	63.5	50.6	75.8



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.83 min Scan# 1316
 Delta R.T. -0.01 min
 Lab File: BF119817.D
 Acq: 7 Apr 2020 13:01

Tgt Ion	164	Resp	274294
Ion Ratio	Lower	Upper	
164	100		
162	103.6	80.6	121.0
160	46.7	35.7	53.5





#42

2,4,6-Tribromophenol

Concen: 118.003 ng

RT: 10.62 min Scan# 1450

Delta R.T. -0.01 min

Lab File: BF119817.D

Acq: 7 Apr 2020 13:01

Instrument :

BNA_F

ClientSampleId :

HR-06-040220

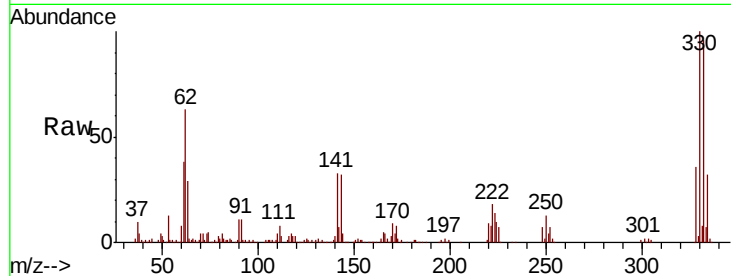
Tot Ion:330 Resp: 333924

Ion Ratio Lower Upper

330 100

332 95.6 75.7 113.5

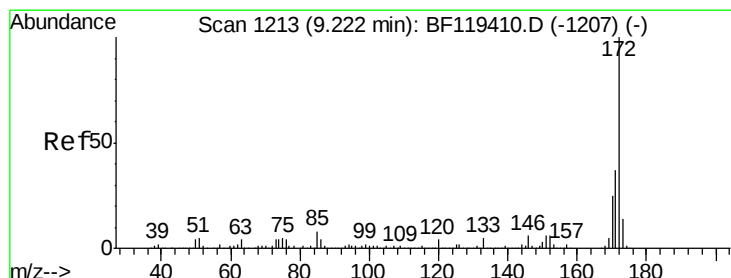
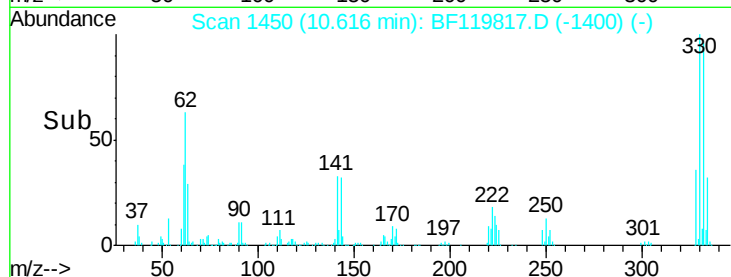
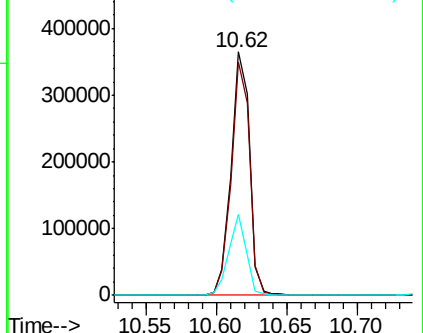
141 31.1 25.4 38.0



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: 78.719 ng

RT: 9.15 min Scan# 1201

Delta R.T. -0.00 min

Lab File: BF119817.D

Acq: 7 Apr 2020 13:01

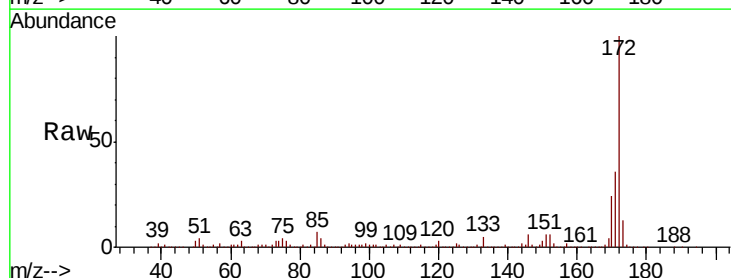
Tgt Ion:172 Resp: 1457478

Ion Ratio Lower Upper

172 100

171 35.9 29.6 44.4

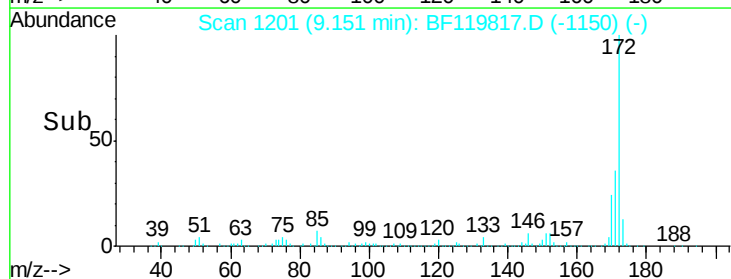
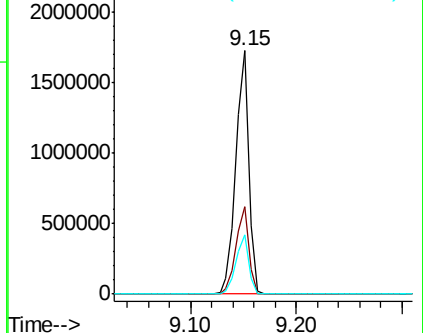
170 24.2 20.2 30.2

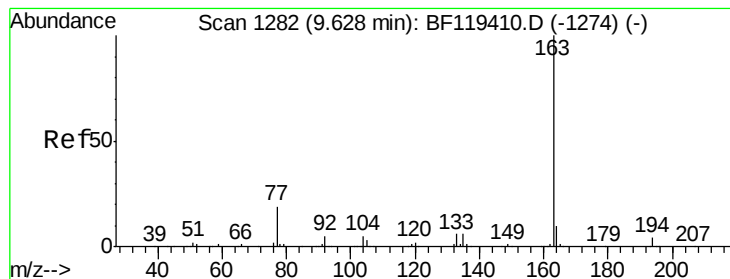


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#50

Dimethylphthalate

Concen: 14.020 ng

RT: 9.55 min Scan# 1268

Delta R.T. -0.01 min

Lab File: BF119817.D

Acq: 7 Apr 2020 13:01

Instrument :

BNA_F

ClientSampleId :

HR-06-040220

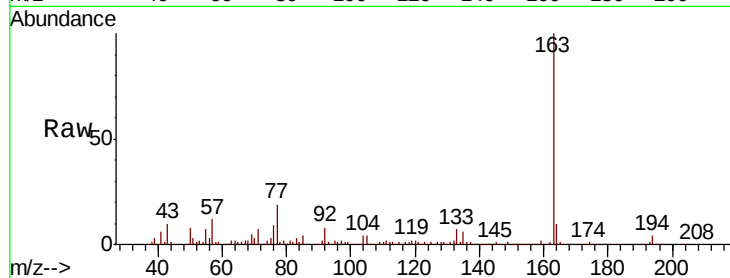
Tot Ion:163 Resp: 273150

Ion Ratio Lower Upper

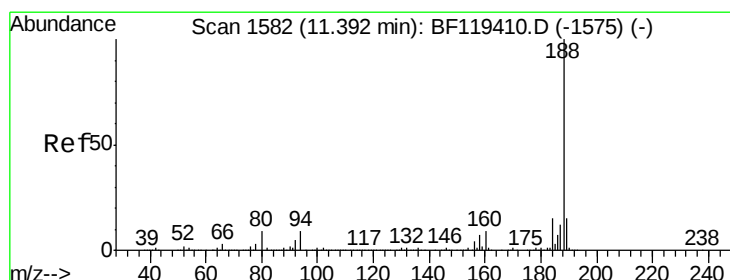
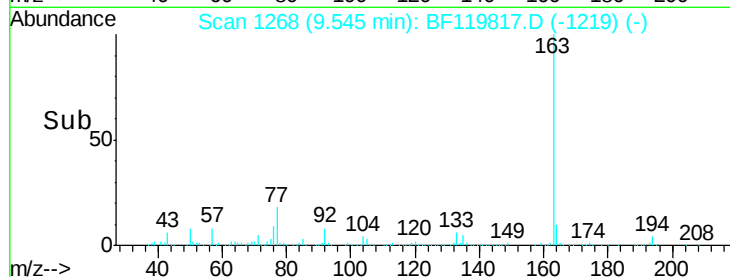
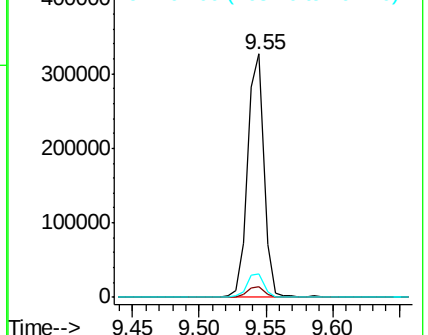
163 100

194 4.1 3.1 4.7

164 9.8 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



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.32 min Scan# 1569

Delta R.T. -0.00 min

Lab File: BF119817.D

Acq: 7 Apr 2020 13:01

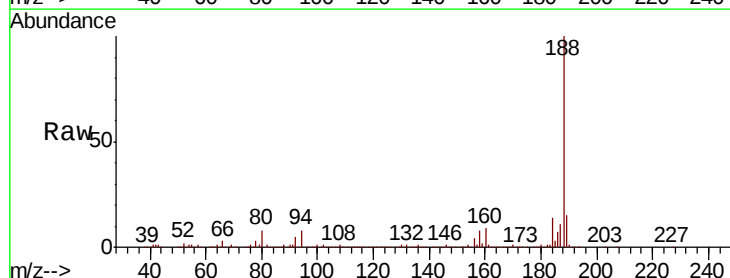
Tgt Ion:188 Resp: 501046

Ion Ratio Lower Upper

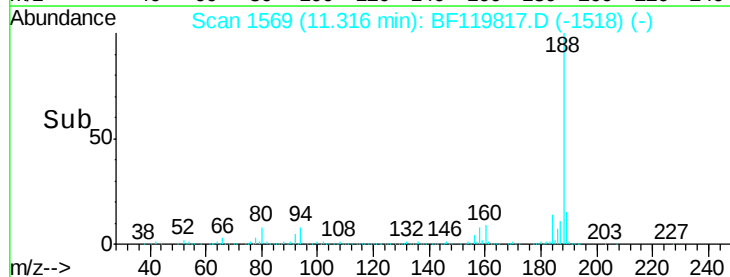
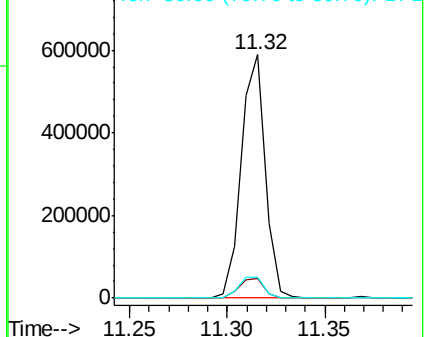
188 100

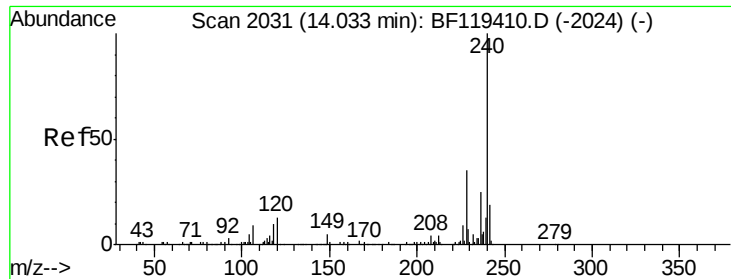
94 7.9 7.5 11.3

80 8.4 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

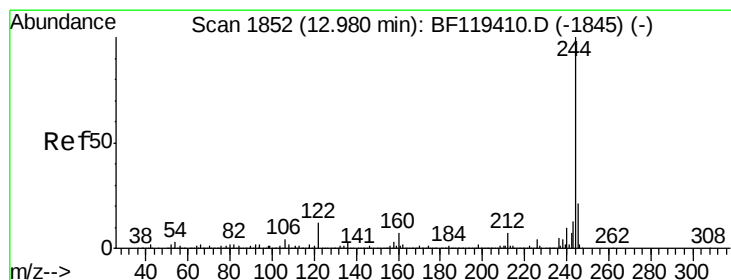
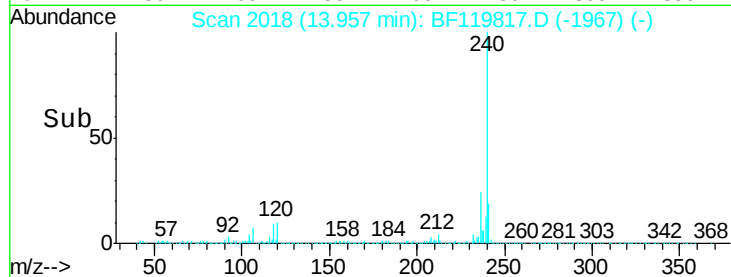
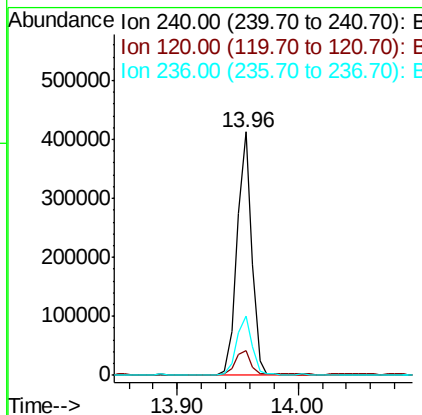
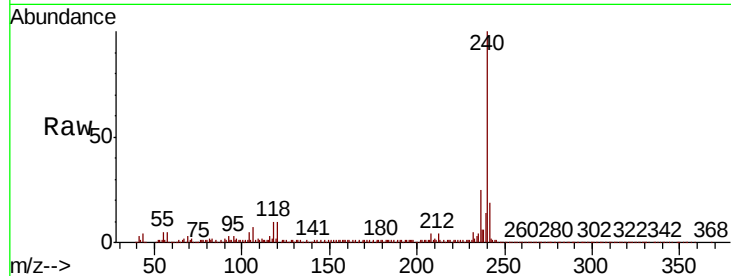




#76
 Chrvsene-d12
 Concen: 20.000 ng
 RT: 13.96 min Scan# 2018
 Delta R.T. -0.00 min
 Lab File: BF119817.D
 Acq: 7 Apr 2020 13:01

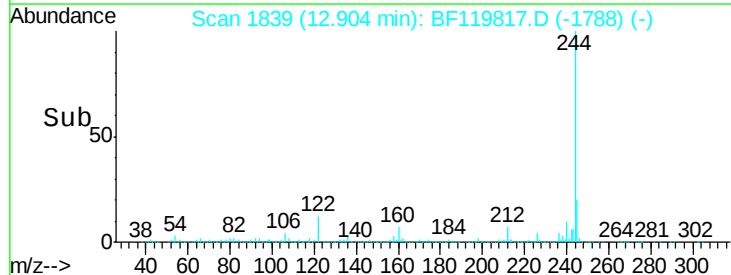
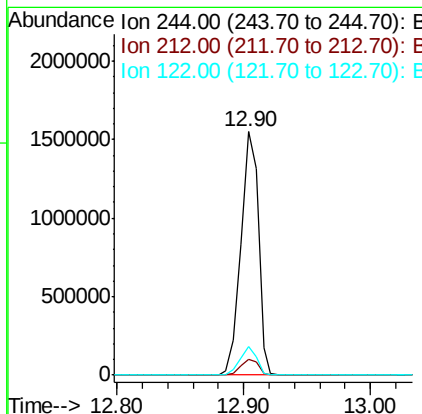
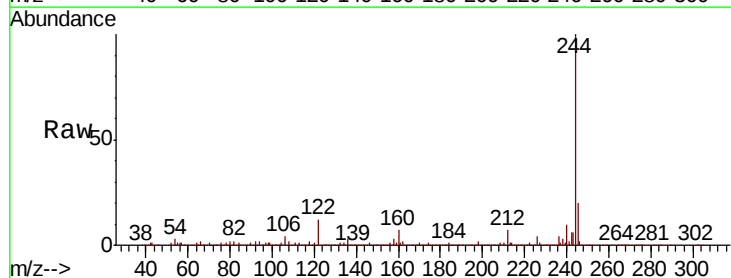
Instrument :
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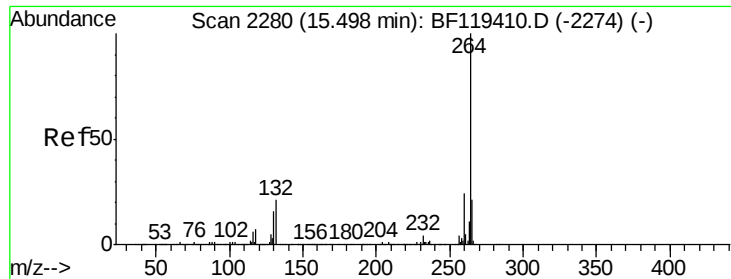
Tot Ion	Ratio	Lower	Upper
240	100		
120	10.1	10.6	15.8#
236	24.6	20.2	30.2



#79
 Terphenyl-d14
 Concen: 82.101 ng
 RT: 12.90 min Scan# 1839
 Delta R.T. -0.00 min
 Lab File: BF119817.D
 Acq: 7 Apr 2020 13:01

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.8	8.8
122	12.0	10.3	15.5





#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.41 min Scan# 2265
Delta R.T. 0.01 min
Lab File: BF119817.D
Acq: 7 Apr 2020 13:01

Instrument :
BNA_F
ClientSampleId :
HR-06-040220

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.1	18.7	28.1
265	22.9	17.7	26.5

