

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 08:09:36 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

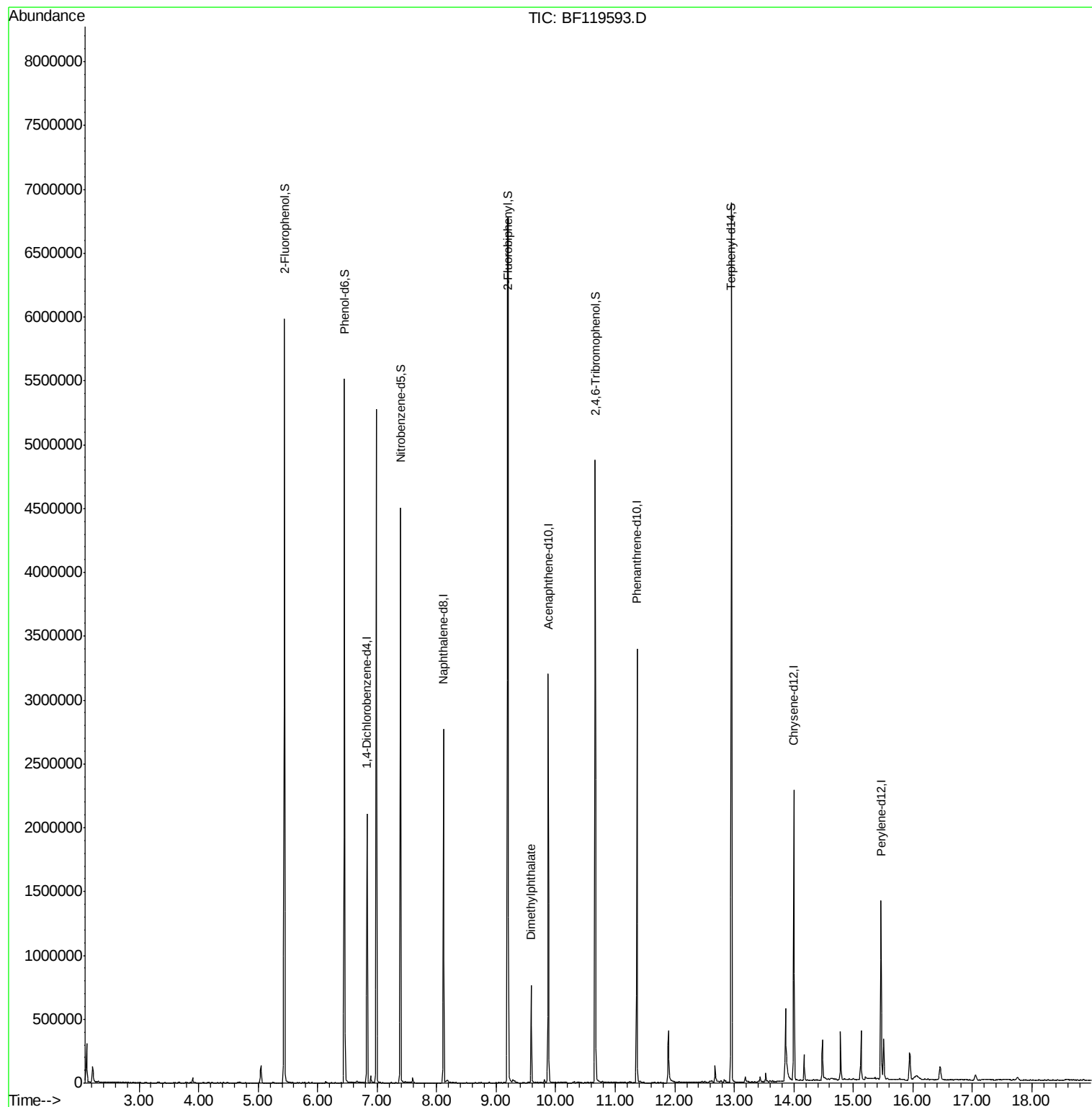
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	304454	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	1173713	20.00	ng	0.00
39) Acenaphthene-d10	9.87	164	595732	20.00	ng	-0.01
64) Phenanthrene-d10	11.36	188	1158742	20.00	ng	0.00
76) Chrysene-d12	14.00	240	790982	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						
50) Dimethylphthalate	9.59	163	276934	6.545	ng	Qvalue 99

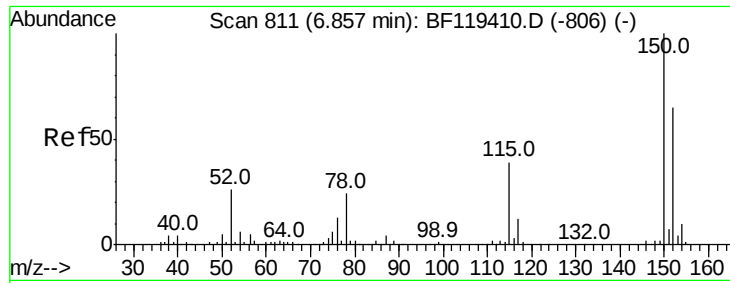
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.83 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)

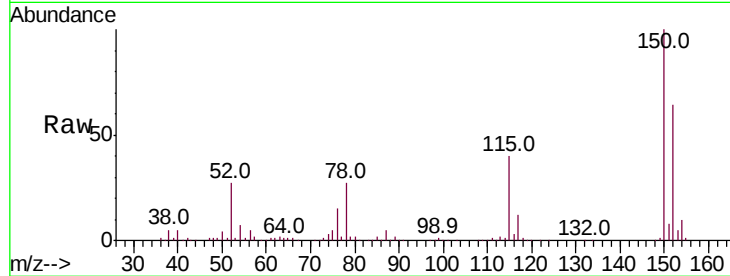
Tot Ion:152 Resp: 304454

Ion Ratio Lower Upper

152 100

150 156.1 124.5 186.7

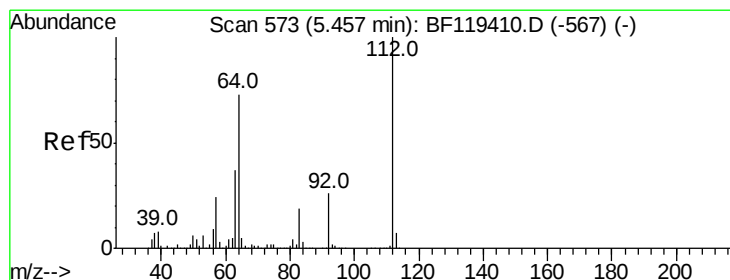
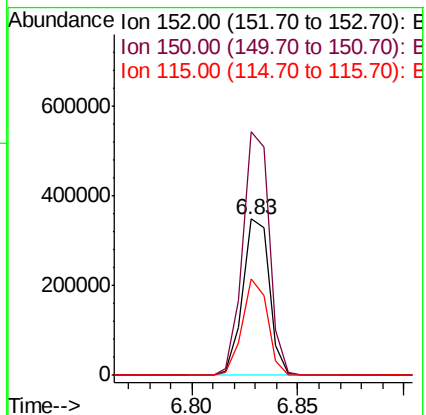
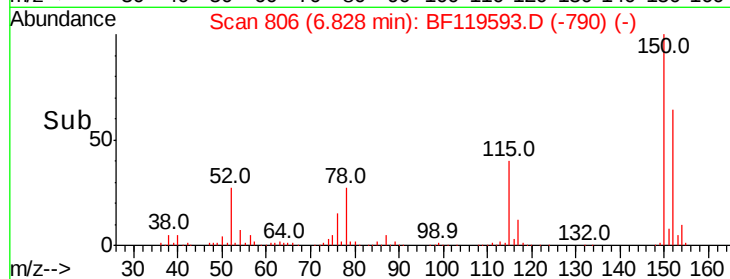
115 62.0 49.6 74.4



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: 83.333 ng

RT: 5.45 min Scan# 571

Delta R.T. 0.01 min

Lab File: BF119593.D

Acq: 28 Mar 2020 3:46

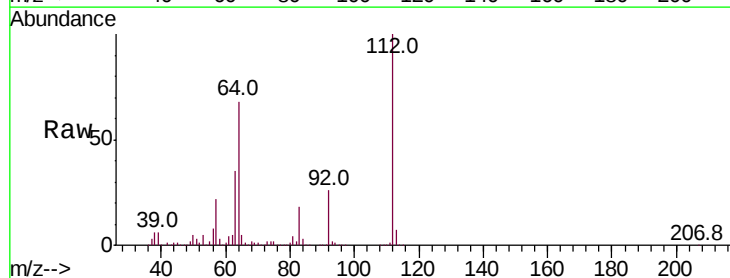
Tgt Ion:112 Resp: 1593764

Ion Ratio Lower Upper

112 100

64 67.8 56.7 85.1

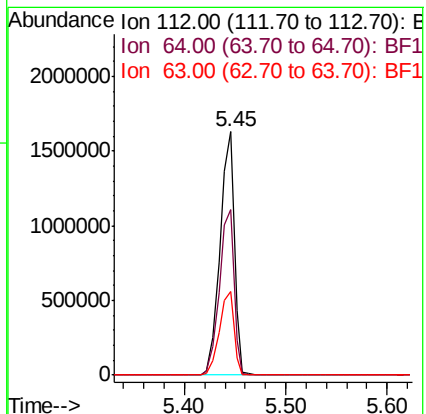
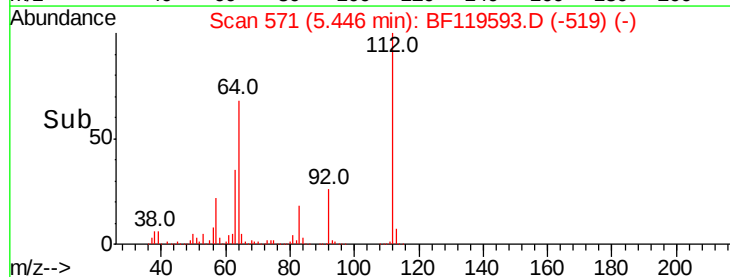
63 34.6 29.5 44.3

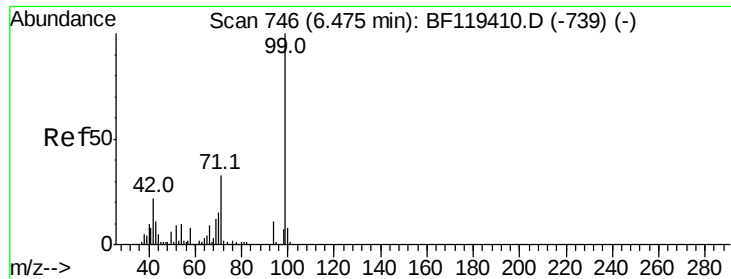


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 83.332 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)

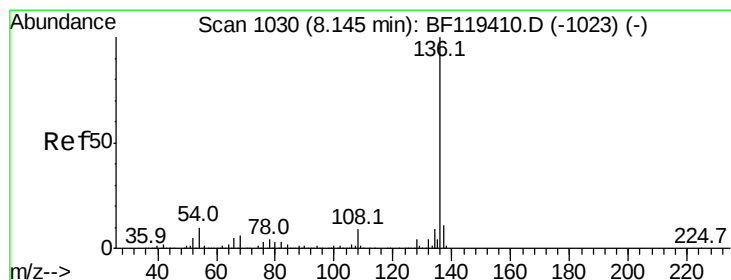
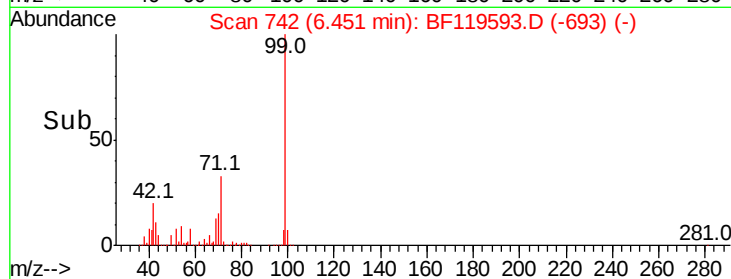
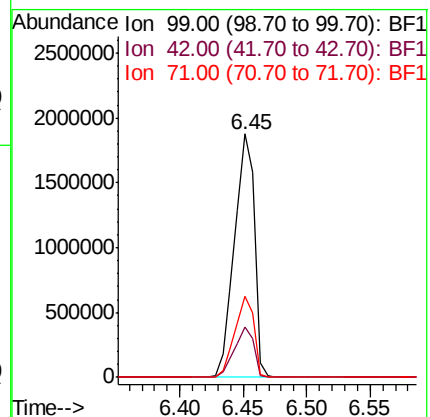
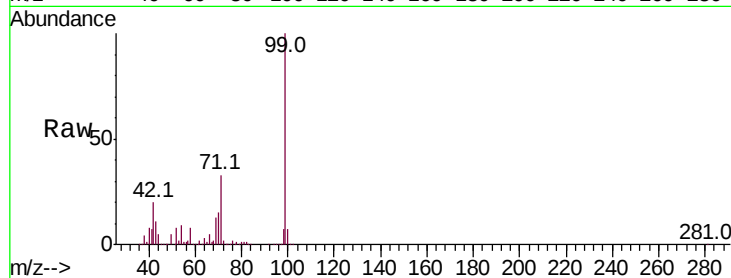
Tot Ion: 99 Resp: 2035892

Ion Ratio Lower Upper

99 100

42 20.5 16.6 24.8

71 33.3 26.4 39.6



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.12 min Scan# 1025

Delta R.T. -0.01 min

Lab File: BF119593.D

Acq: 28 Mar 2020 3:46

Tgt Ion: 136 Resp: 1173713

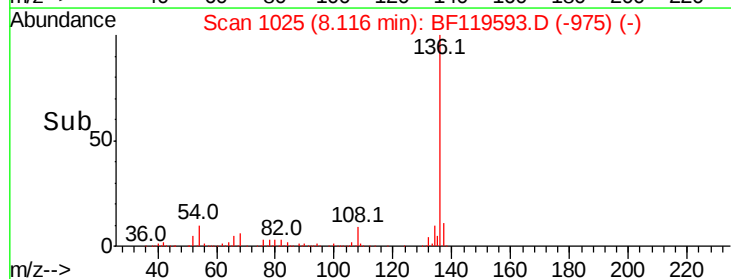
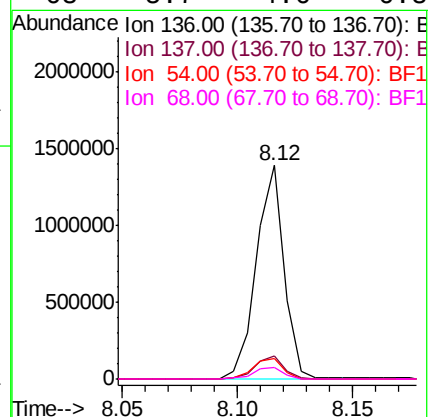
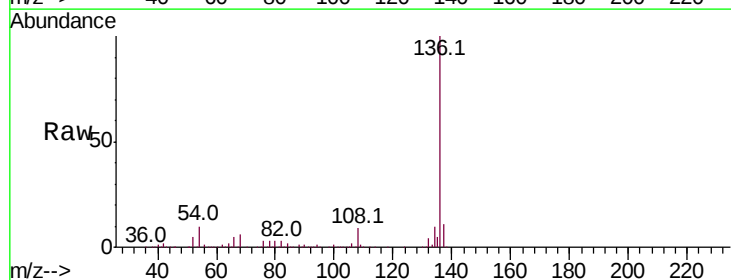
Ion Ratio Lower Upper

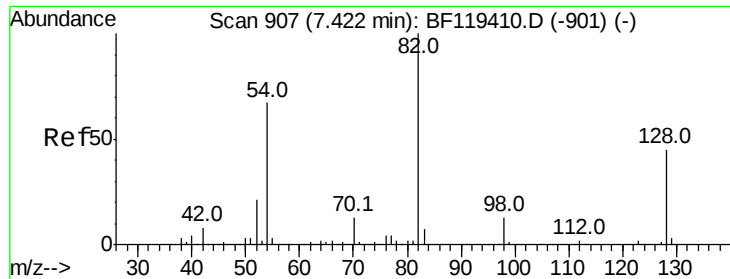
136 100

137 10.8 8.7 13.1

54 9.8 9.1 13.7

68 5.7 4.6 6.8

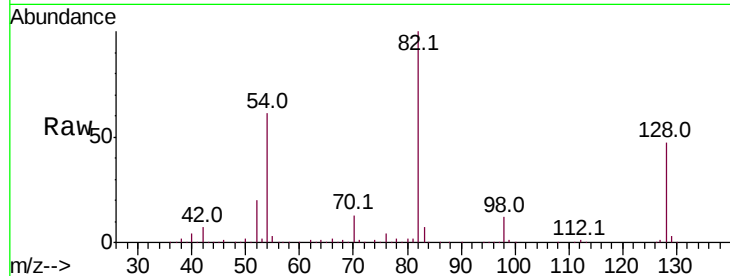




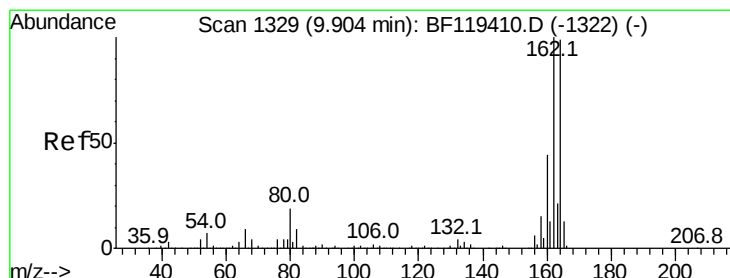
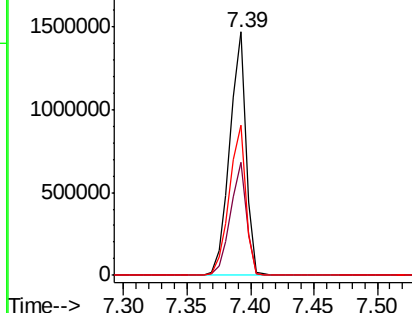
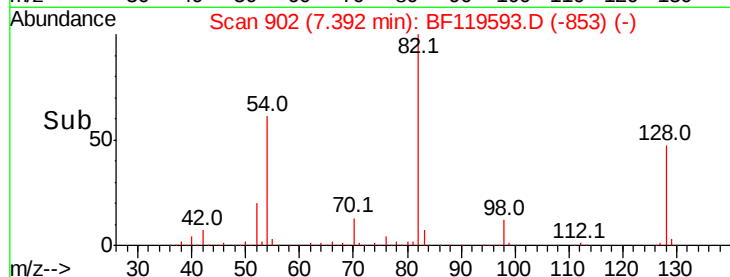
#23
Nitrobenzene-d5
Concen: 60.275 ng
RT: 7.39 min Scan# 902
Delta R.T. -0.01 min
Lab File: BF119593.D
Acq: 28 Mar 2020 3:46

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

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

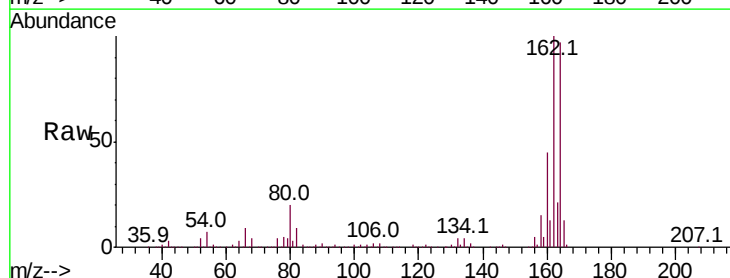


Abundance Ion 82.00 (81.70 to 82.70): BF1
2000000 Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

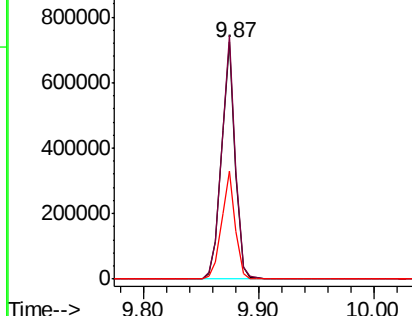
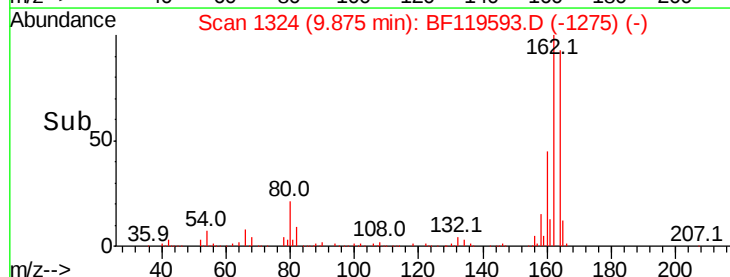


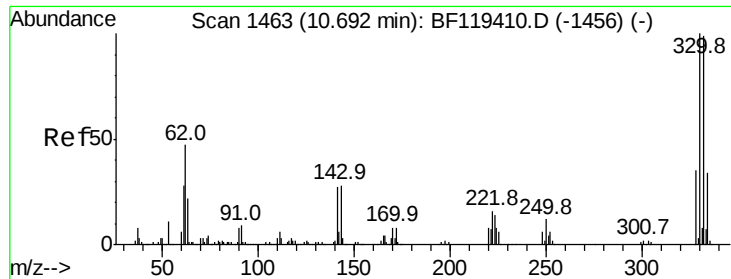
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.87 min Scan# 1324
Delta R.T. -0.01 min
Lab File: BF119593.D
Acq: 28 Mar 2020 3:46

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): BF1
1000000 Ion 162.00 (161.70 to 162.70): BF1
Ion 160.00 (159.70 to 160.70): BF1

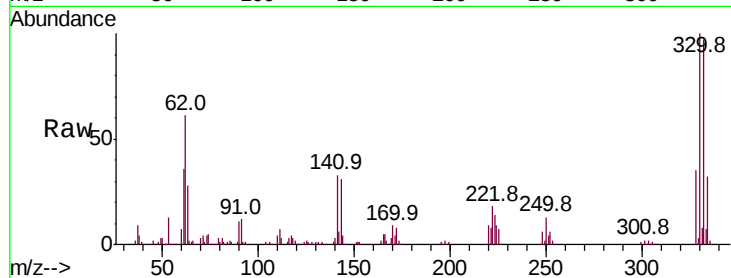




#42
 2,4,6-Tribromophenol
 Concen: 89.831 ng
 RT: 10.66 min Scan# 1458
 Delta R.T. -0.01 min
 Lab File: BF119593.D
 Acq: 28 Mar 2020 3:46

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

Tot Ion	Ratio	Lower	Upper
330	100		
332	98.0	75.7	113.5
141	31.7	25.4	38.0

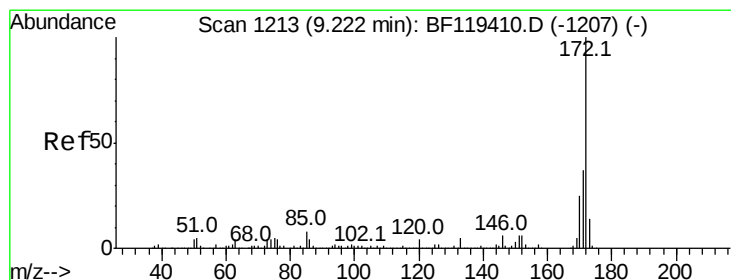
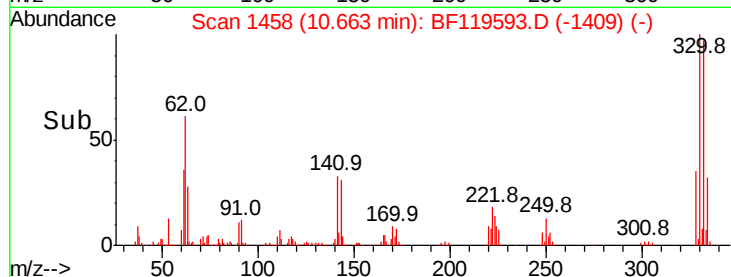
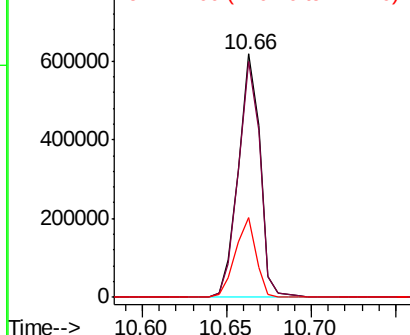


Abundance

Ion 329.80 (329.50 to 330.50): E

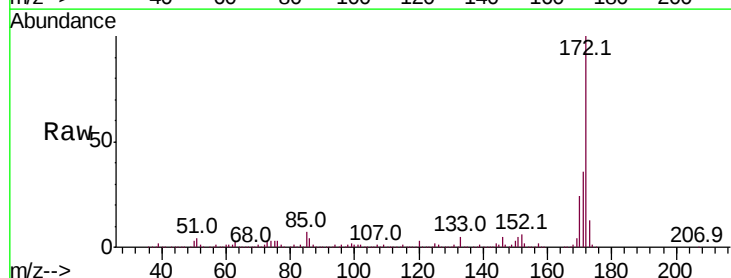
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 58.791 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	Ratio	Lower	Upper
172	100		
171	36.3	29.6	44.4
170	24.3	20.2	30.2

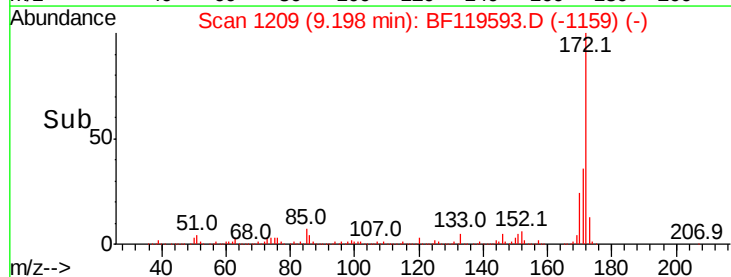
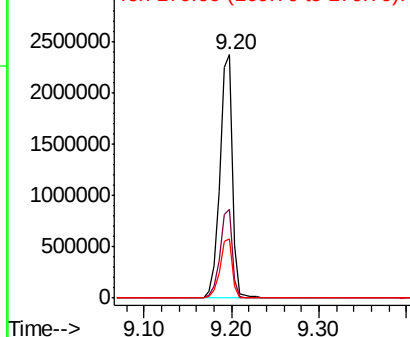


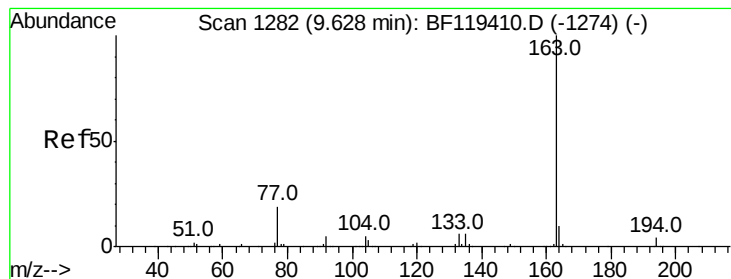
Abundance

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: 6.545 ng

RT: 9.59 min Scan# 1275

Delta R.T. -0.02 min

Lab File: BF119593.D

Acq: 28 Mar 2020 3:46

Instrument :

BNA_F

ClientSampleId :

SB-1-(10-12)

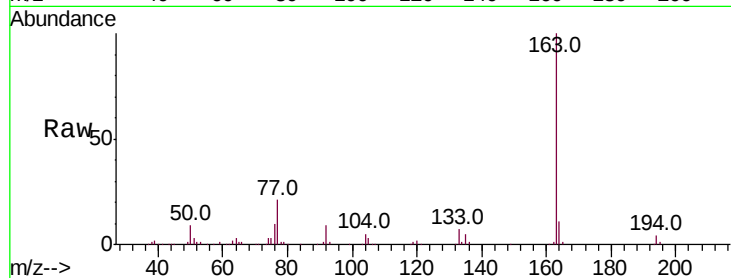
Tot Ion:163 Resp: 276934

Ion Ratio Lower Upper

163 100

194 3.7 3.1 4.7

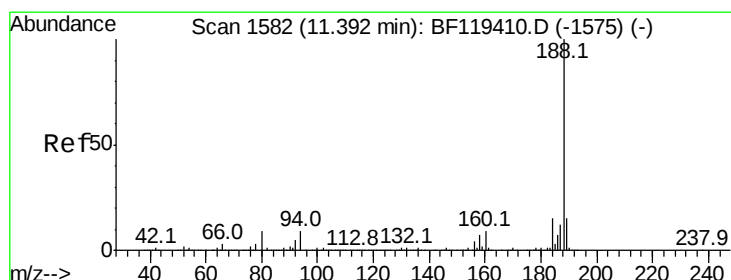
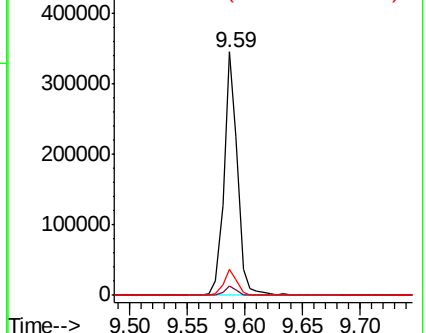
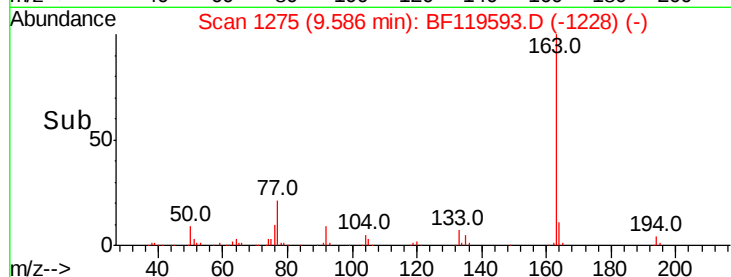
164 10.5 8.2 12.2



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



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.36 min Scan# 1577

Delta R.T. -0.01 min

Lab File: BF119593.D

Acq: 28 Mar 2020 3:46

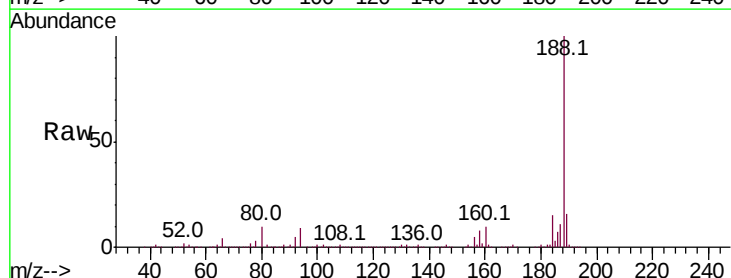
Tgt Ion:188 Resp: 1158742

Ion Ratio Lower Upper

188 100

94 9.3 7.5 11.3

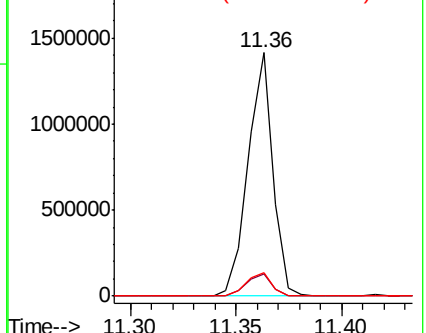
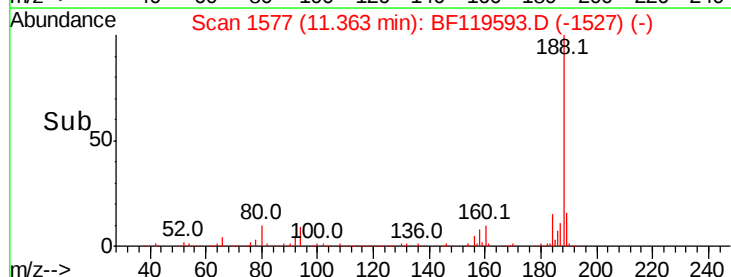
80 9.7 9.0 13.4

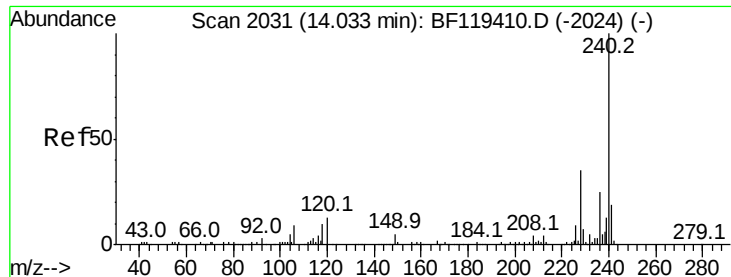


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





#76

Chrysene-d12

Concen: 20.000 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)

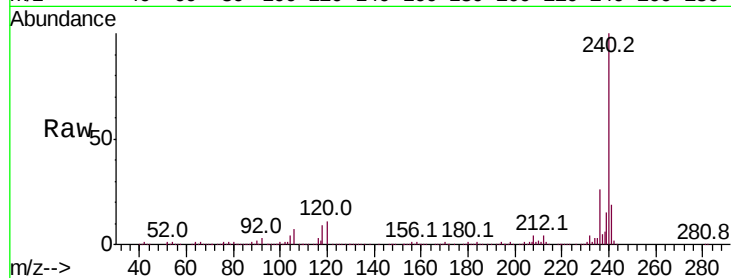
Tot Ion:240 Resp: 790982

Ion Ratio Lower Upper

240 100

120 10.8 10.6 15.8

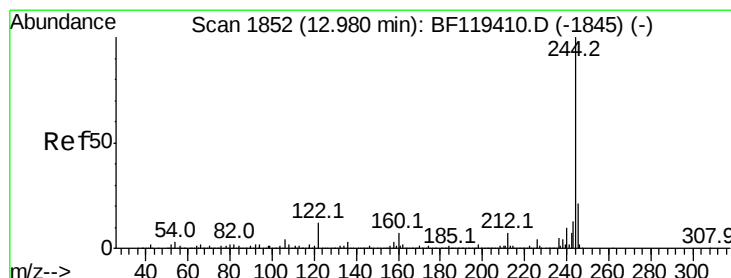
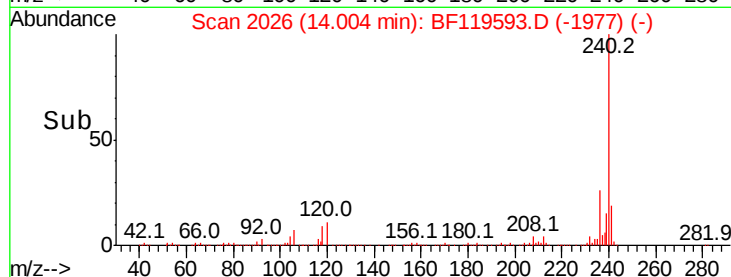
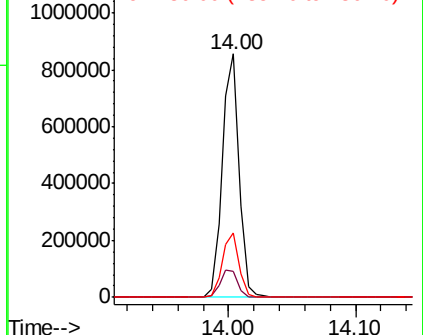
236 26.3 20.2 30.2



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: 62.227 ng

RT: 12.95 min Scan# 1847

Delta R.T. -0.01 min

Lab File: BF119593.D

Acq: 28 Mar 2020 3:46

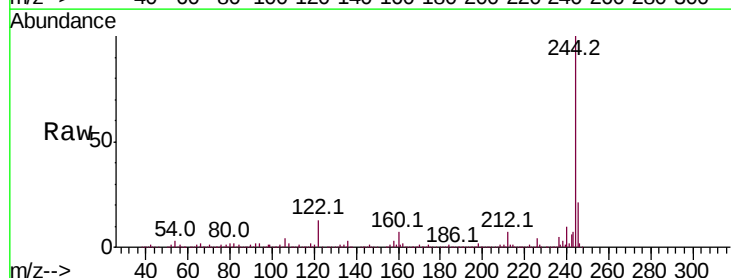
Tgt Ion:244 Resp: 2512243

Ion Ratio Lower Upper

244 100

212 6.8 5.8 8.8

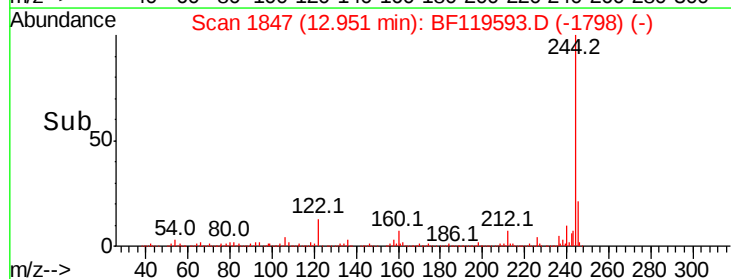
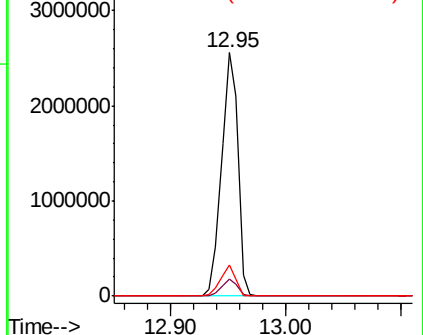
122 12.9 10.3 15.5

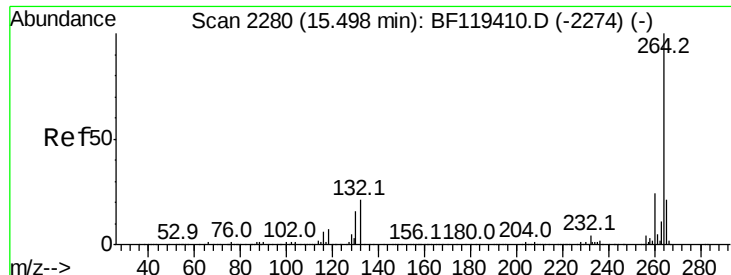


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#87
 Pervlene-d12
 Concen: 20.000 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)

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

