

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040620\
 Data File : BF119765.D
 Acq On : 6 Apr 2020 12:18
 Operator : MA/SJ
 Sample : L2104-01RE
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CHASSIE-WASHRE

Quant Time: Apr 06 12:49:44 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	195341	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	773283	20.00	ng	0.00
39) Acenaphthene-d10	9.82	164	391842	20.00	ng	-0.01
64) Phenanthrene-d10	11.31	188	752756	20.00	ng	0.00
76) Chrysene-d12	13.95	240	634808	20.00	ng	0.00
87) Perylene-d12	15.40	264	613269	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.39	112	304742	24.83	ng	0.00
7) Phenol-d6	6.40	99	372775	23.78	ng	-0.01
23) Nitrobenzene-d5	7.34	82	228939	16.09	ng	-0.01
42) 2,4,6-Tribromophenol	10.61	330	118032	29.20	ng	-0.01
45) 2-Fluorobiphenyl	9.15	172	497381	18.80	ng	0.00
79) Terphenyl-d14	12.90	244	626843	19.35	ng	0.00

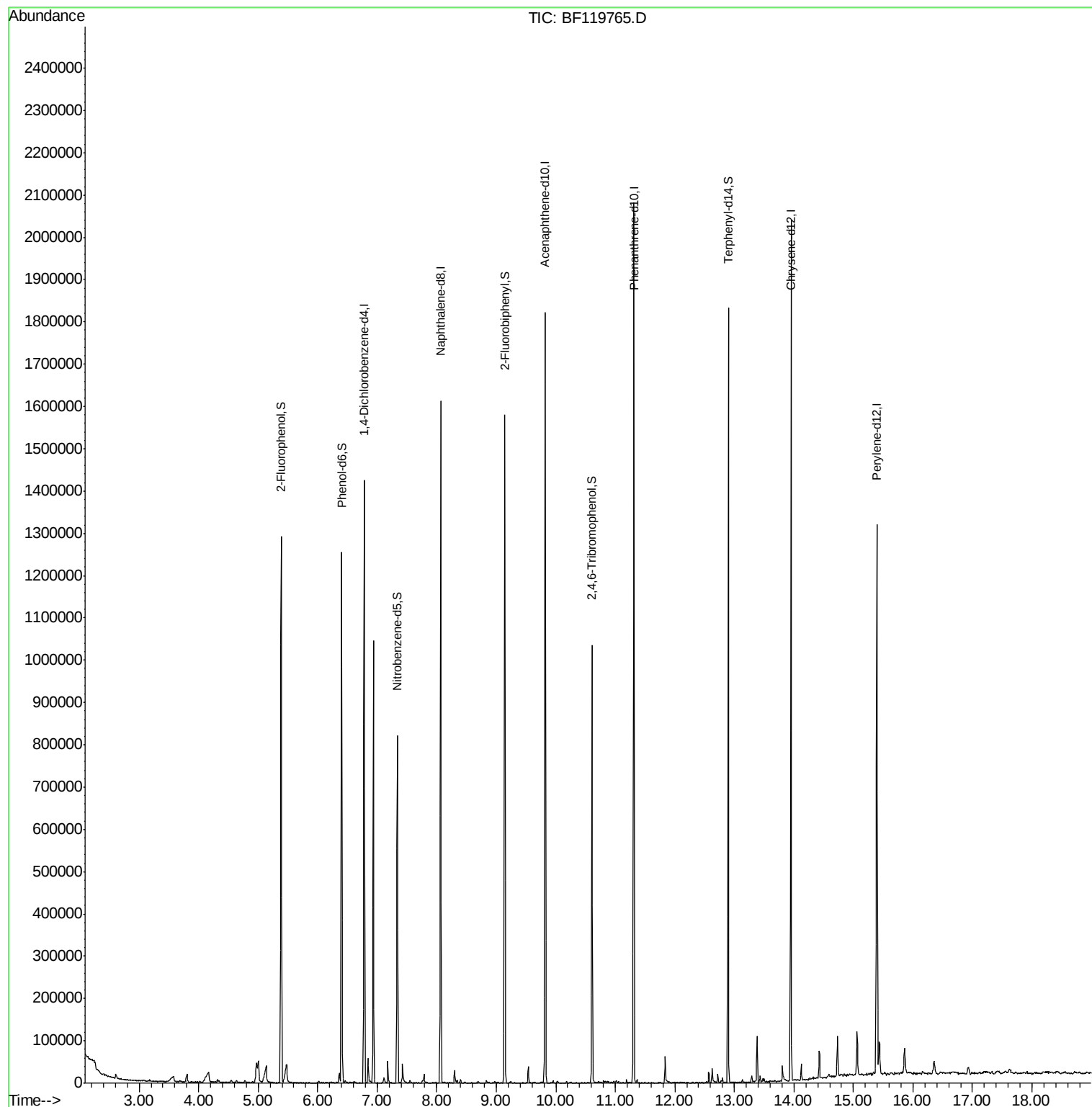
Target Compounds Qvalue

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

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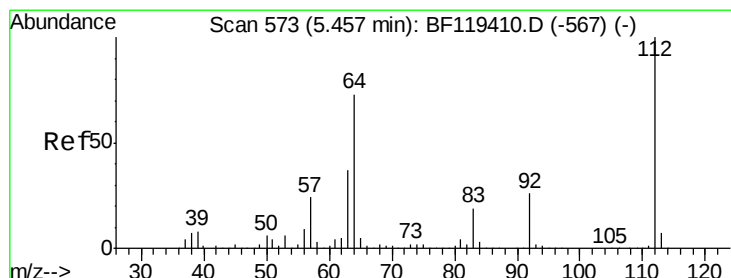
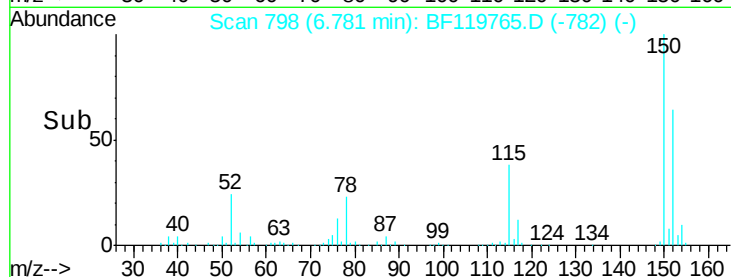
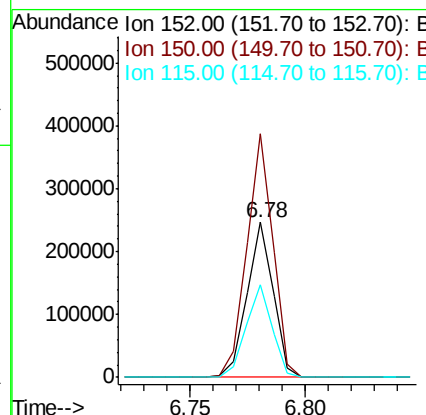
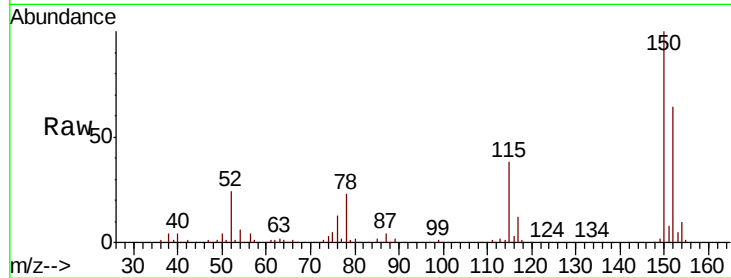




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.78 min Scan# 798
 Delta R.T. -0.01 min
 Lab File: BF119765.D
 Acq: 6 Apr 2020 12:18

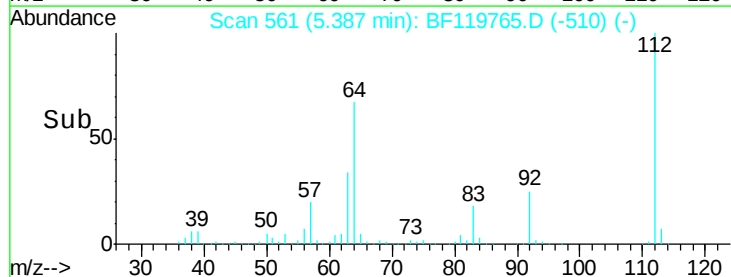
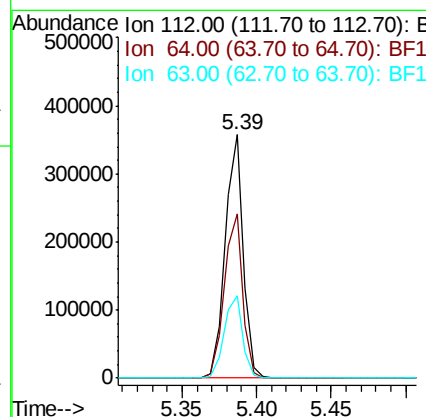
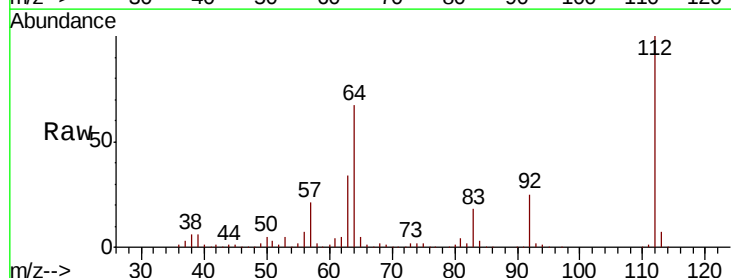
Instrument :
 BNA_F
 ClientSampleId :
 CHASSIE-WASHRE

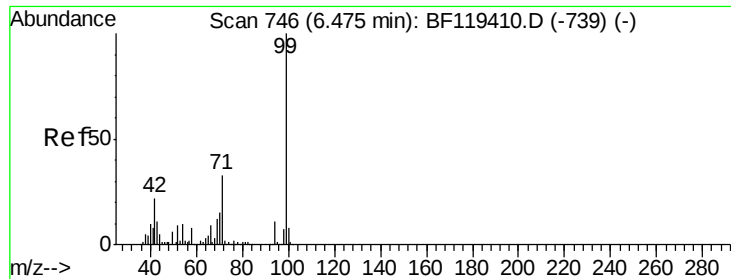
Tot Ion:152 Resp: 195341
 Ion Ratio Lower Upper
 152 100
 150 156.9 124.5 186.7
 115 59.7 49.6 74.4



#5
 2-Fluorophenol
 Concen: 24.835 ng
 RT: 5.39 min Scan# 561
 Delta R.T. -0.00 min
 Lab File: BF119765.D
 Acq: 6 Apr 2020 12:18

Tgt Ion:112 Resp: 304742
 Ion Ratio Lower Upper
 112 100
 64 67.2 56.7 85.1
 63 33.9 29.5 44.3





#7

Phenol-d6

Concen: 23.781 ng

RT: 6.40 min Scan# 734

Delta R.T. -0.01 min

Lab File: BF119765.D

Acq: 6 Apr 2020 12:18

Instrument :

BNA_F

ClientSampleId :

CHASSIE-WASHRE

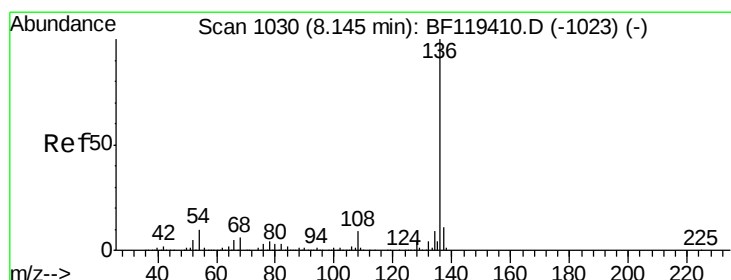
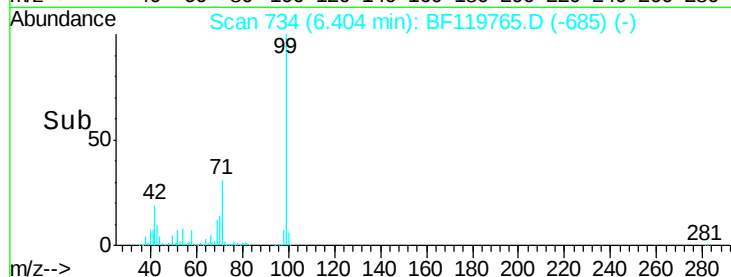
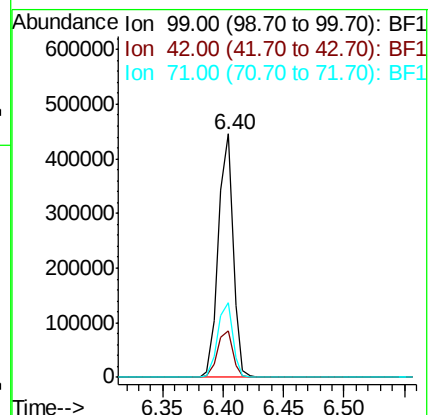
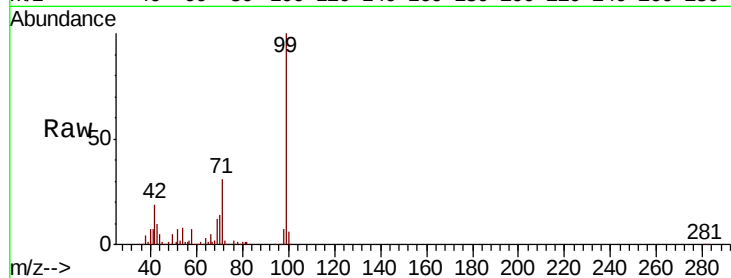
Tot Ion: 99 Resp: 372775

Ion Ratio Lower Upper

99 100

42 19.3 16.6 24.8

71 30.9 26.4 39.6



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.07 min Scan# 1017

Delta R.T. -0.01 min

Lab File: BF119765.D

Acq: 6 Apr 2020 12:18

Tgt Ion: 136 Resp: 773283

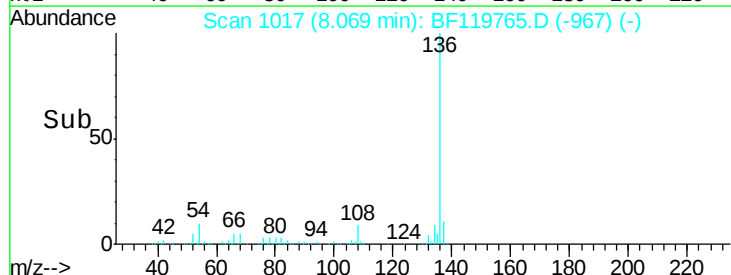
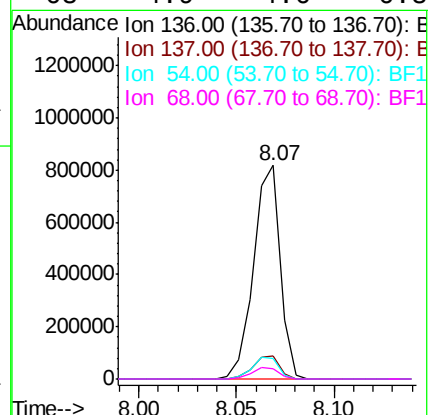
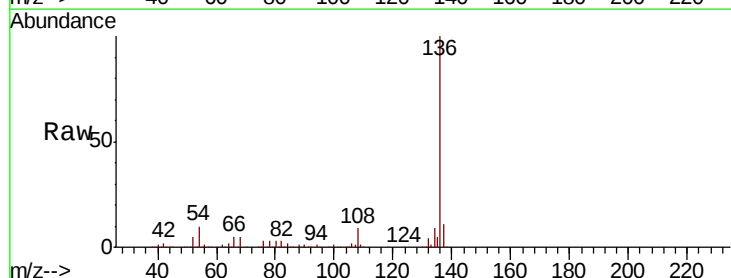
Ion Ratio Lower Upper

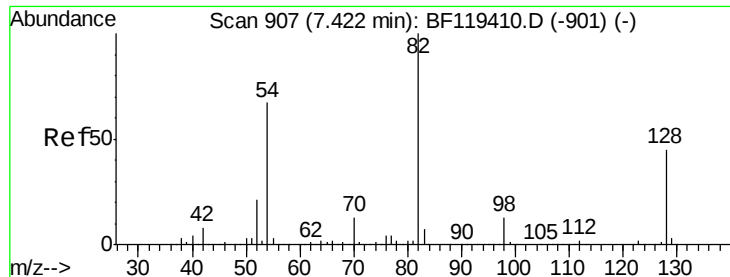
136 100

137 10.8 8.7 13.1

54 9.7 9.1 13.7

68 4.9 4.6 6.8

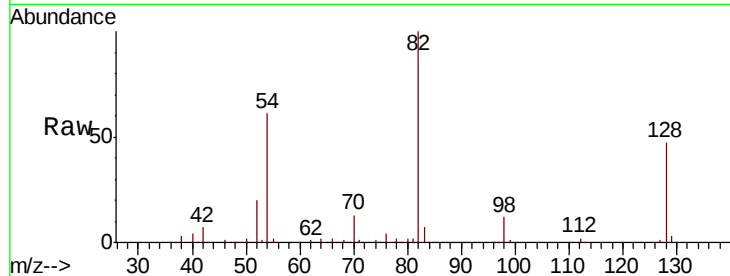




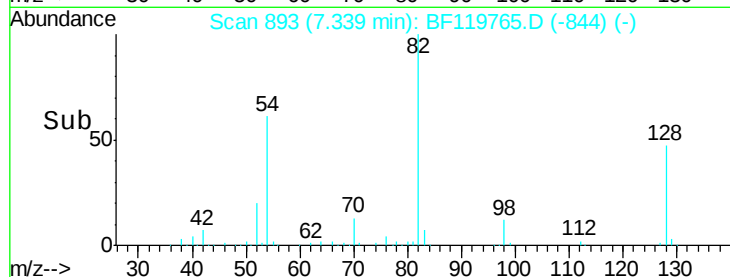
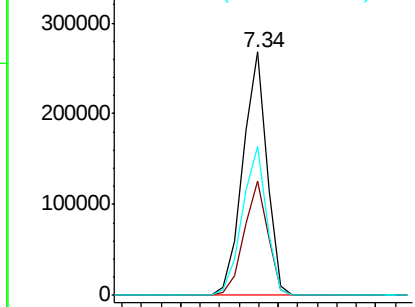
#23
 Nitrobenzene-d5
 Concen: 16.090 ng
 RT: 7.34 min Scan# 893
 Delta R.T. -0.01 min
 Lab File: BF119765.D
 Acq: 6 Apr 2020 12:18

Instrument :
 BNA_F
 ClientSampleId :
 CHASSIE-WASHRE

Tot Ion: 82 Resp: 228939
 Ion Ratio Lower Upper
 82 100
 128 46.7 36.3 54.5
 54 61.3 50.6 75.8

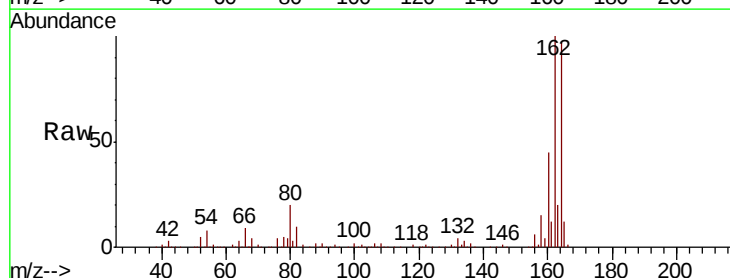


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

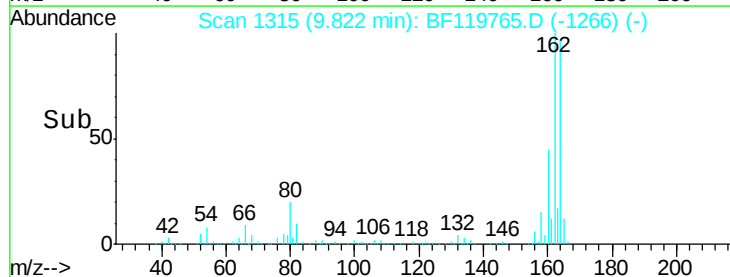
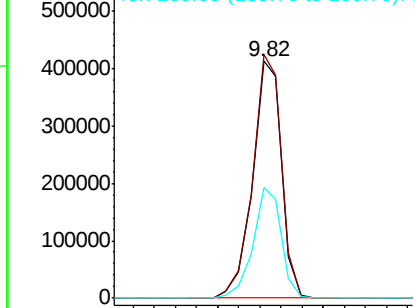


#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.82 min Scan# 1315
 Delta R.T. -0.01 min
 Lab File: BF119765.D
 Acq: 6 Apr 2020 12:18

Tgt Ion: 164 Resp: 391842
 Ion Ratio Lower Upper
 164 100
 162 102.9 80.6 121.0
 160 46.8 35.7 53.5



Abundance Ion 164.00 (163.70 to 164.70): BF1
 Ion 162.00 (161.70 to 162.70): BF1
 Ion 160.00 (159.70 to 160.70): BF1

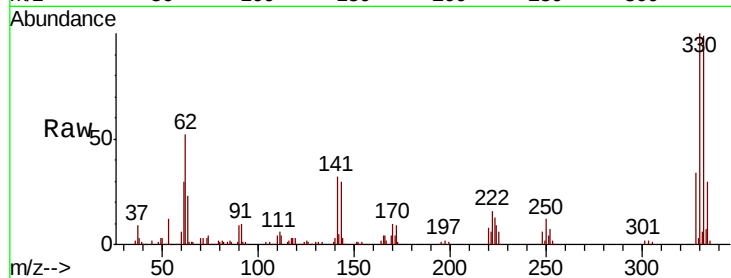




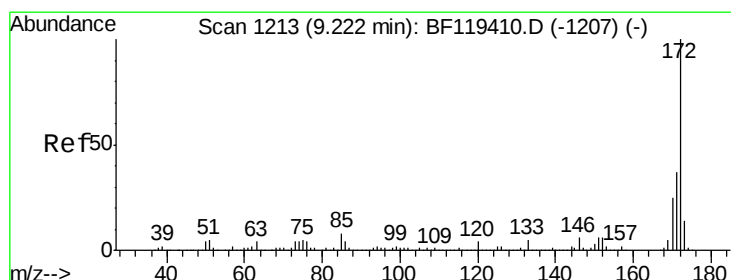
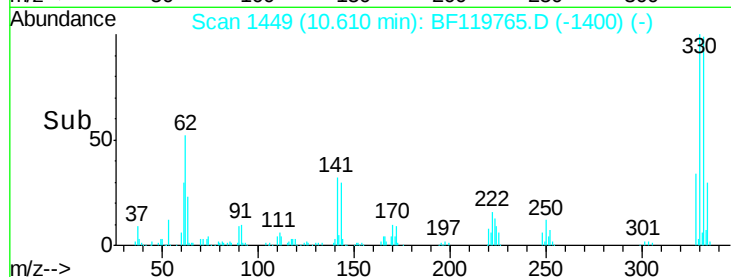
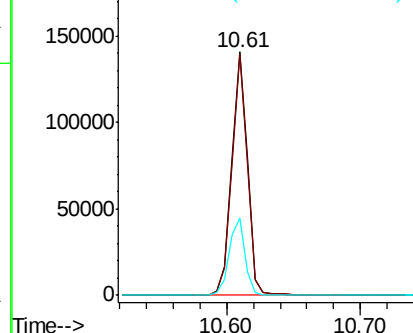
#42
 2,4,6-Tribromophenol
 Concen: 29.198 ng
 RT: 10.61 min Scan# 1449
 Delta R.T. -0.01 min
 Lab File: BF119765.D
 Acq: 6 Apr 2020 12:18

Instrument :
 BNA_F
 ClientSampleId :
 CHASSIE-WASHRE

Tot Ion:330 Resp: 118032
 Ion Ratio Lower Upper
 330 100
 332 97.1 75.7 113.5
 141 32.1 25.4 38.0

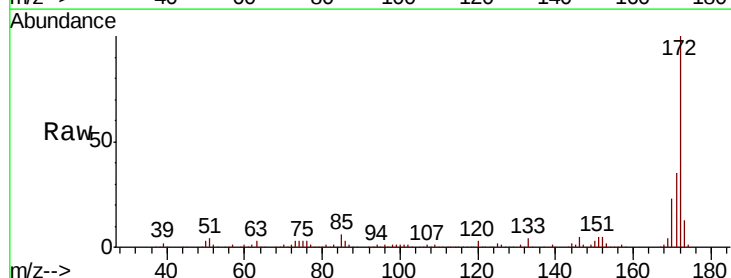


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

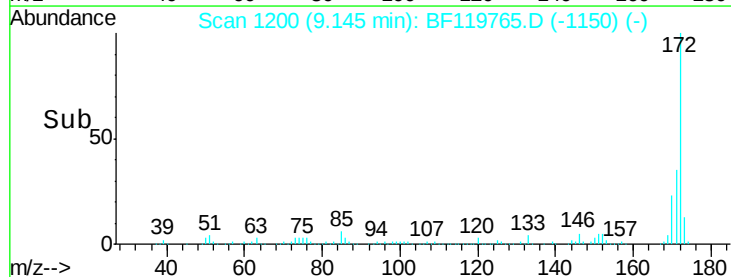
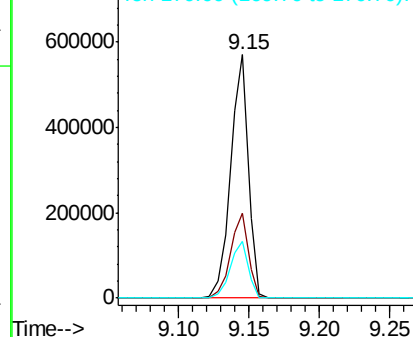


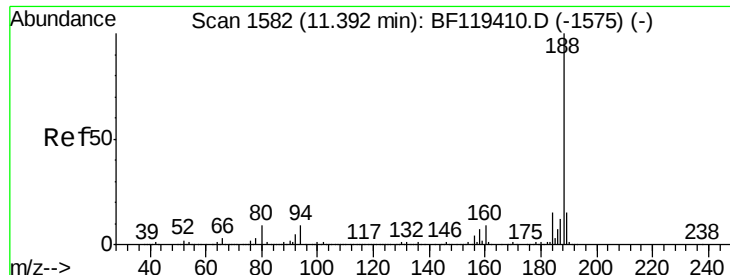
#45
 2-Fluorobiphenyl
 Concen: 18.805 ng
 RT: 9.15 min Scan# 1200
 Delta R.T. -0.01 min
 Lab File: BF119765.D
 Acq: 6 Apr 2020 12:18

Tgt Ion:172 Resp: 497381
 Ion Ratio Lower Upper
 172 100
 171 34.6 29.6 44.4
 170 23.5 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

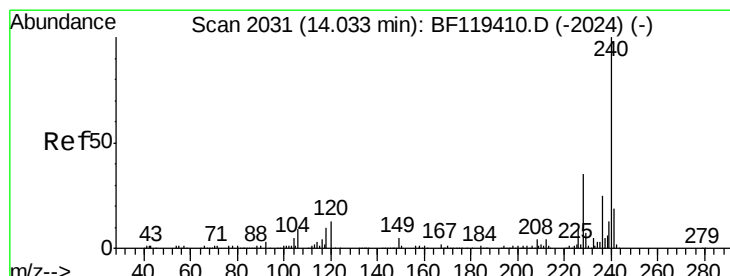
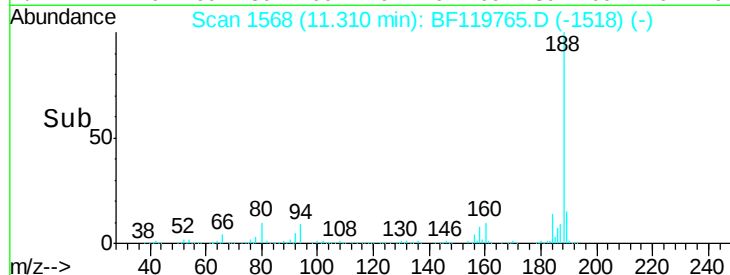
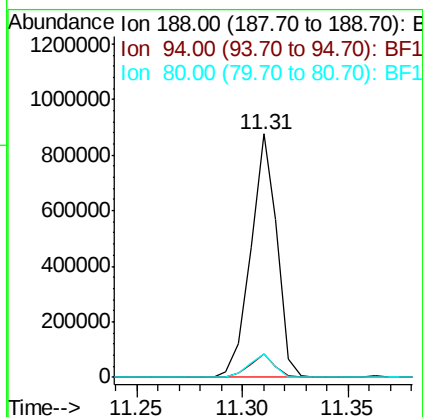
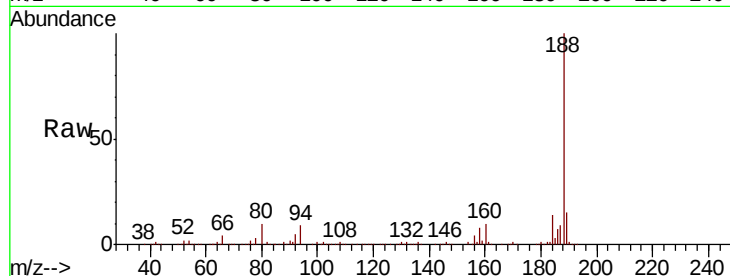




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.31 min Scan# 1568
Delta R.T. -0.01 min
Lab File: BF119765.D
Acq: 6 Apr 2020 12:18

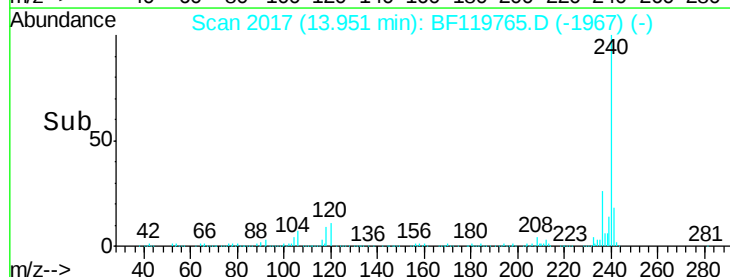
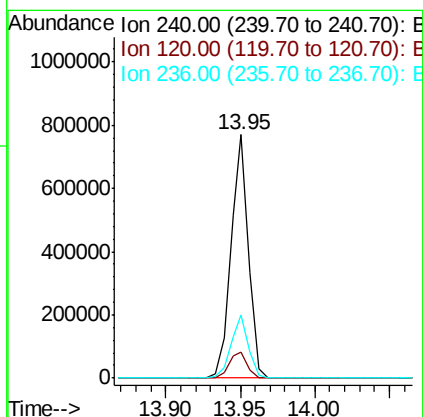
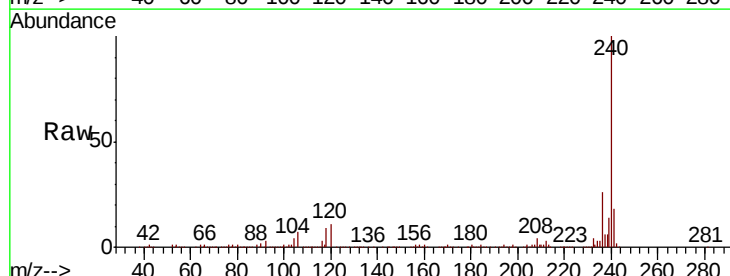
Instrument :
BNA_F
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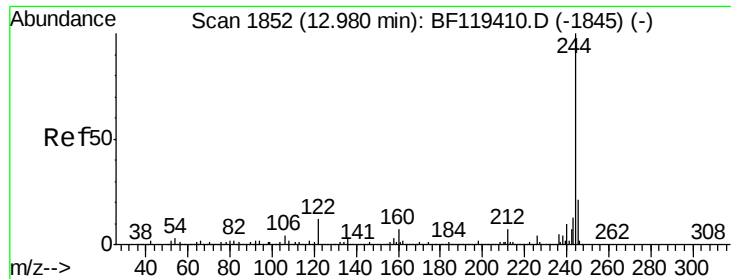
Tot Ion	Ratio	Lower	Upper
188	100		
94	9.4	7.5	11.3
80	9.8	9.0	13.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.95 min Scan# 2017
Delta R.T. -0.01 min
Lab File: BF119765.D
Acq: 6 Apr 2020 12:18

Tgt Ion	Ratio	Lower	Upper
240	100		
120	10.6	10.6	15.8
236	26.1	20.2	30.2





#79

Terphenyl-d14

Concen: 19.346 ng

RT: 12.90 min Scan# 1838

Delta R.T. -0.01 min

Lab File: BF119765.D

Acq: 6 Apr 2020 12:18

Instrument :

BNA_F

ClientSampleId :

CHASSIE-WASHRE

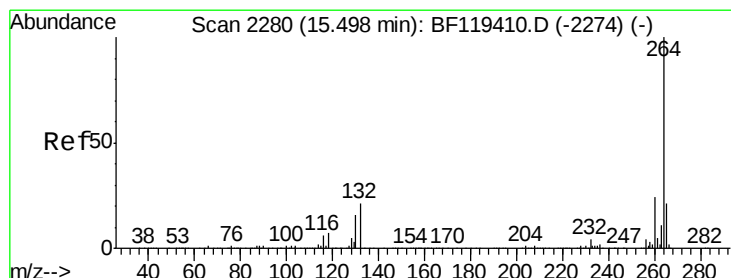
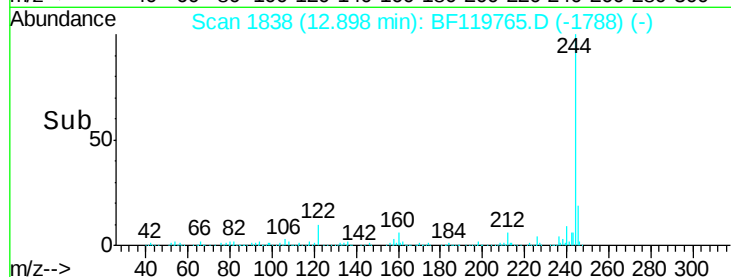
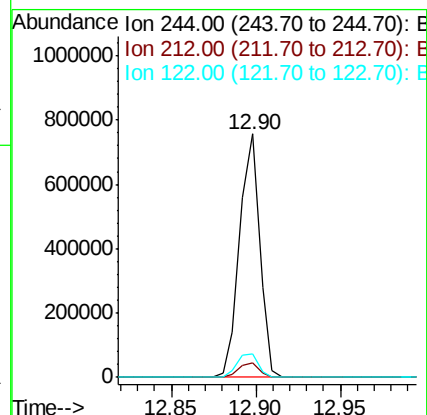
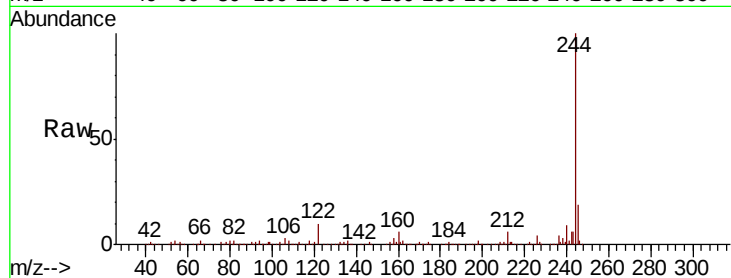
Tot Ion:244 Resp: 626843

Ion Ratio Lower Upper

244 100

212 5.9 5.8 8.8

122 9.6 10.3 15.5#



#87

Perylene-d12

Concen: 20.000 ng

RT: 15.40 min Scan# 2263

Delta R.T. -0.00 min

Lab File: BF119765.D

Acq: 6 Apr 2020 12:18

Tgt Ion:264 Resp: 613269

Ion Ratio Lower Upper

264 100

260 23.7 18.7 28.1

265 21.0 17.7 26.5

