

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 12:48:57 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

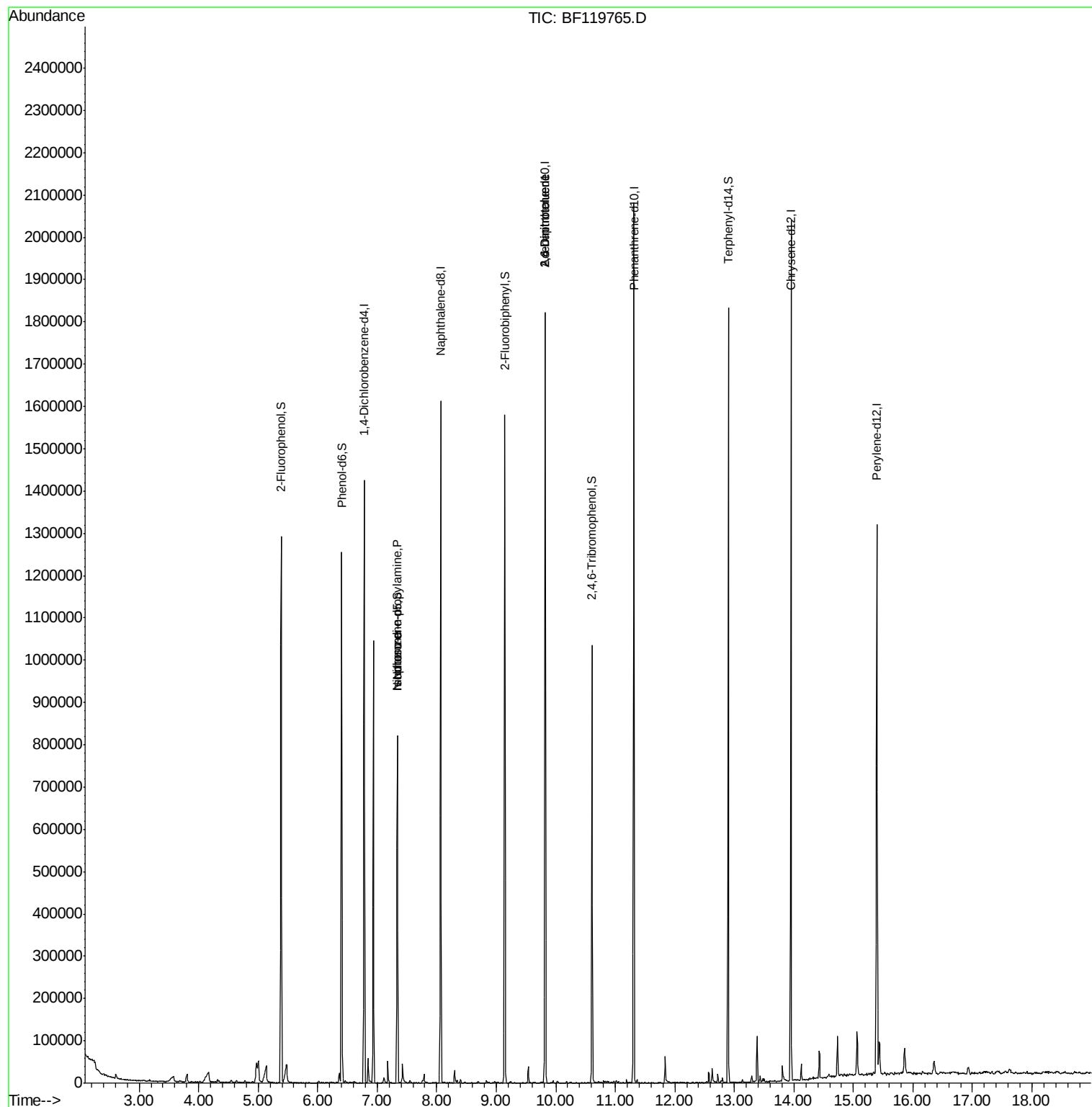
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.78	152	195341	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	773283	20.00	ng	0.00
39) Acenaphthene-d10	9.82	164	391842	20.00	ng	-0.01
64) Phenanthrene-d10	11.31	188	752756	20.00	ng	0.00
76) Chrysene-d12	13.95	240	634808	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						
19) n-Nitroso-di-n-propylamine	7.34	70	28499	3.016	ng	# 77
25) Isophorone	7.34	82	228720	7.924	ng	# 65
51) 2,6-Dinitrotoluene	9.82	165	48725	8.167	ng	# 26
57) 2,4-Dinitrotoluene	9.82	165	48725	6.483	ng	# 20

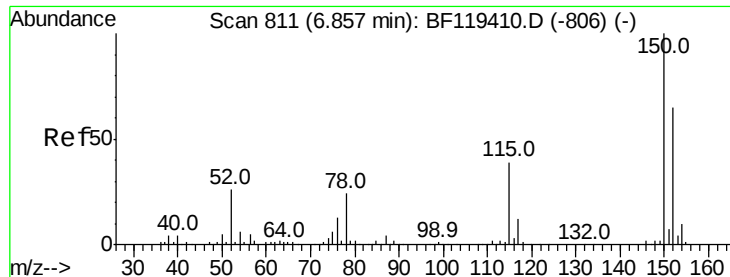
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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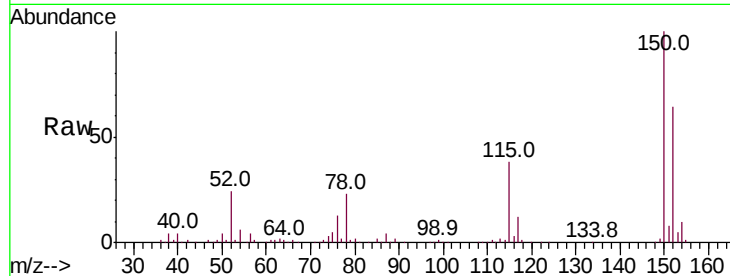


#1

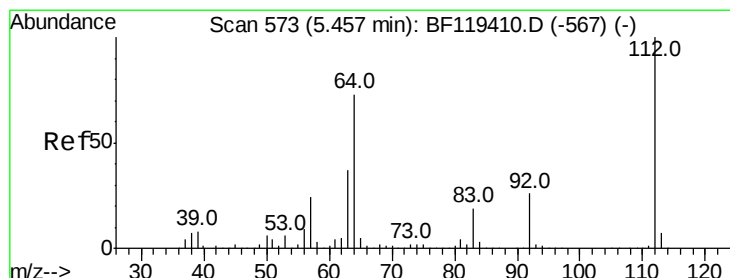
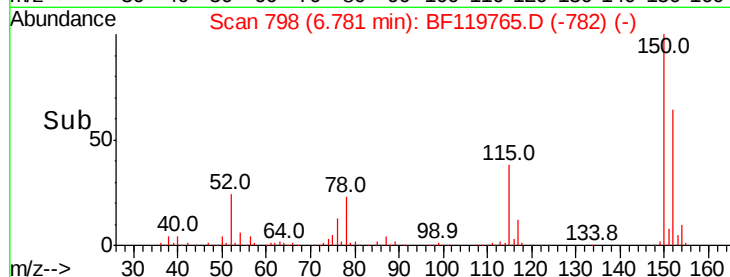
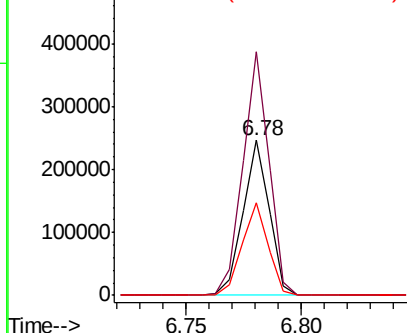
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.78 min Scan# 798
Delta R.T. -0.01 min
Lab File: BF119765.D
Acq: 6 Apr 2020 12:18

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



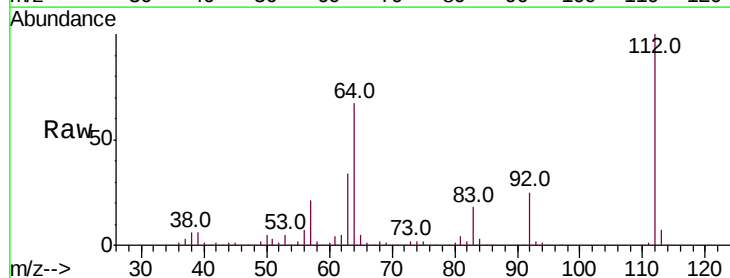
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



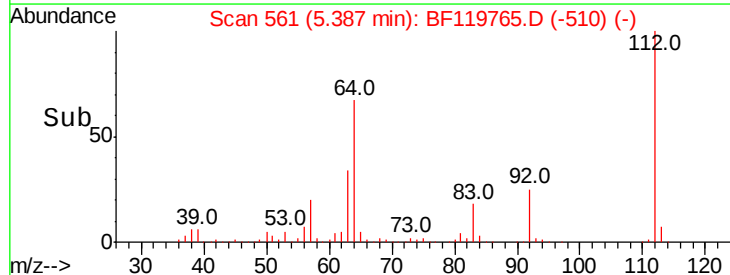
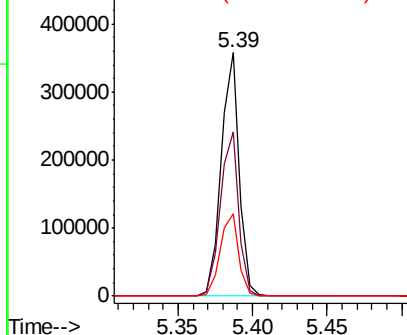
#5

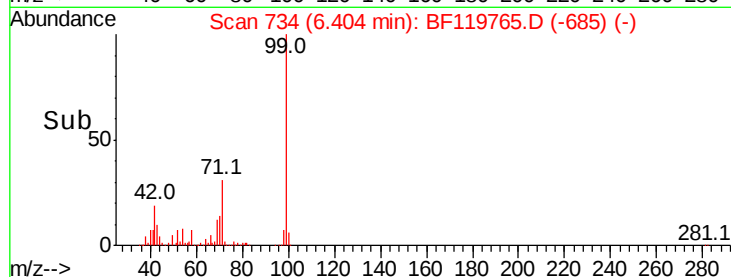
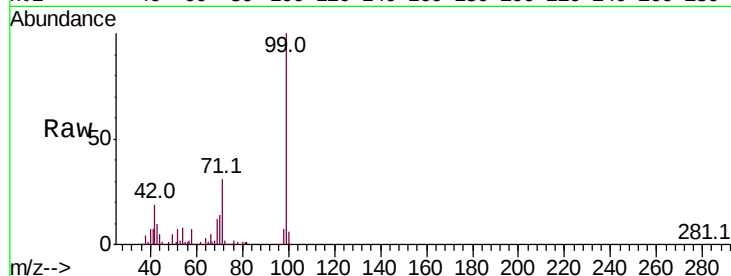
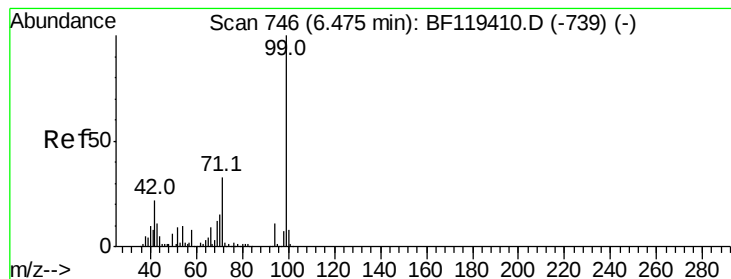
2-Fluorophenol
Concen: 24.835 ng
RT: 5.39 min Scan# 561
Delta R.T. -0.00 min
Lab File: BF119765.D
Acq: 6 Apr 2020 12:18

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



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: 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

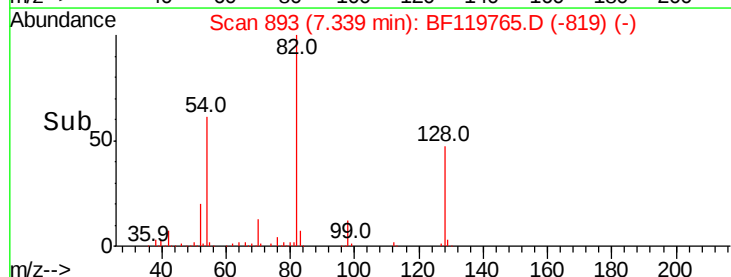
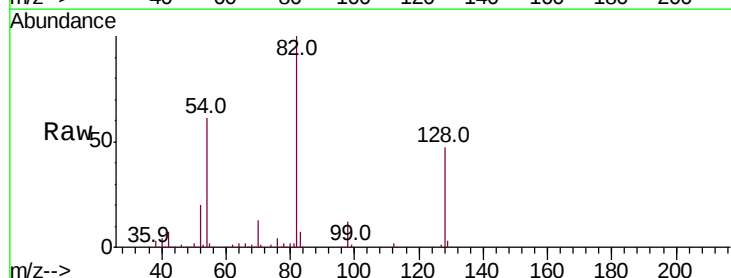
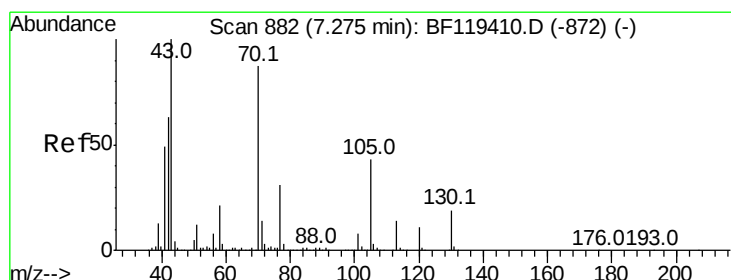
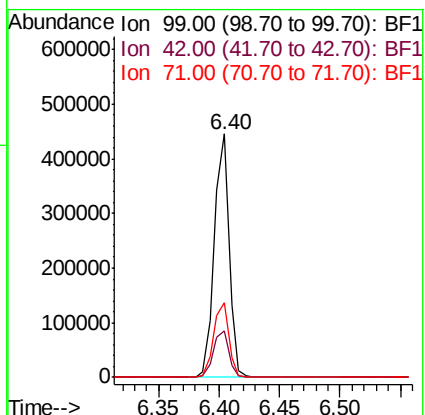
Tot Ion: 99 Resp: 372775

Ion Ratio Lower Upper

99 100

42 19.3 16.6 24.8

71 30.9 26.4 39.6



#19

n-Nitroso-di-n-propylamine

Concen: 3.016 ng

RT: 7.34 min Scan# 893

Delta R.T. 0.14 min

Lab File: BF119765.D

Acq: 6 Apr 2020 12:18

Tgt Ion: 70 Resp: 28499

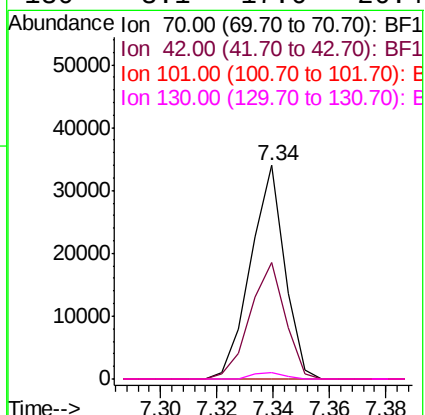
Ion Ratio Lower Upper

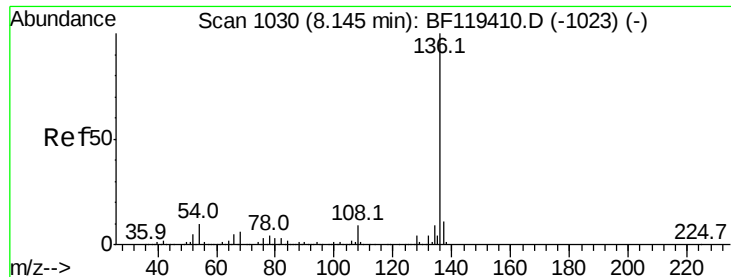
70 100

42 54.4 54.5 81.7#

101 0.0 7.6 11.4#

130 3.1 17.6 26.4#

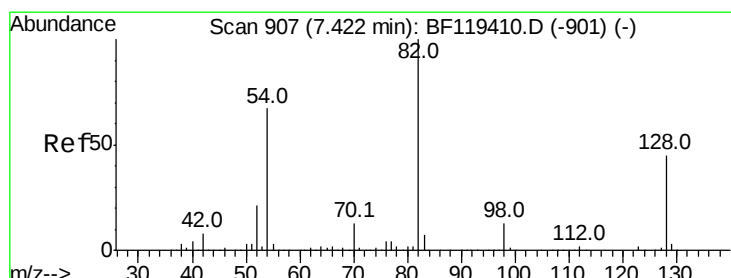
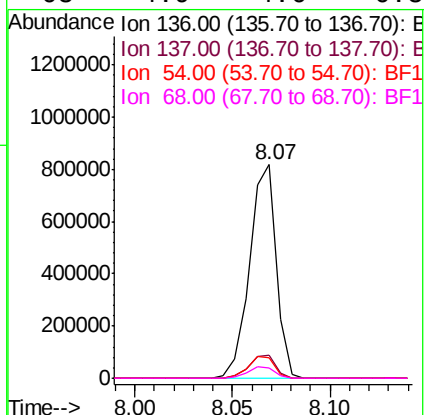
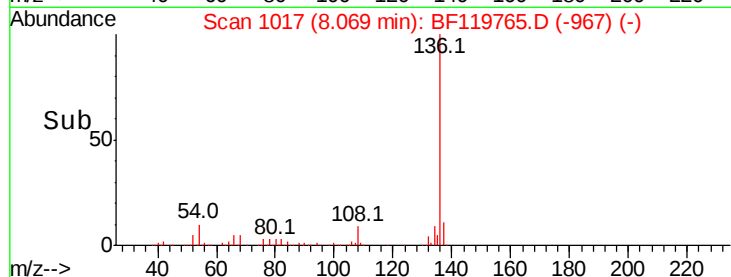
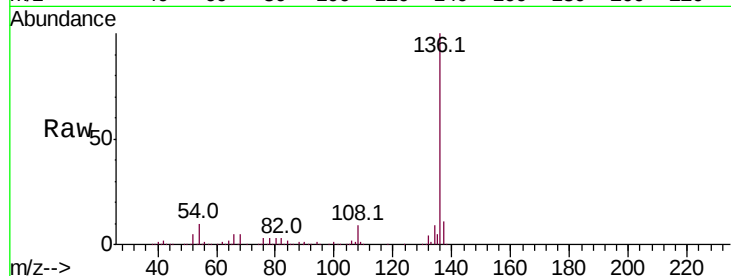




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1017
Delta R.T. -0.01 min
Lab File: BF119765.D
Acq: 6 Apr 2020 12:18

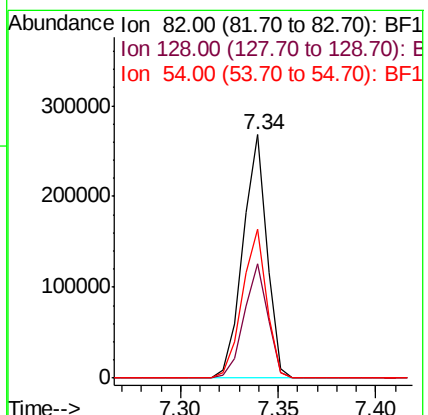
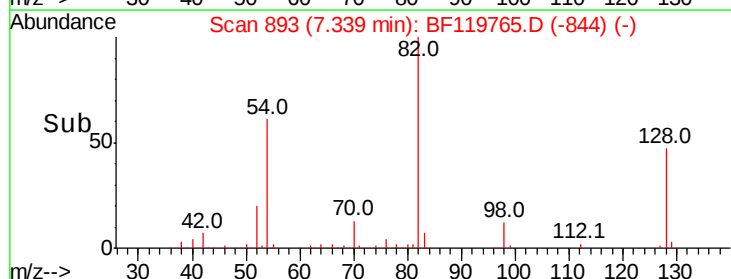
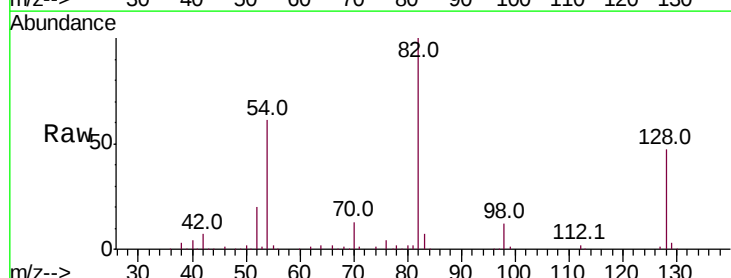
Instrument :
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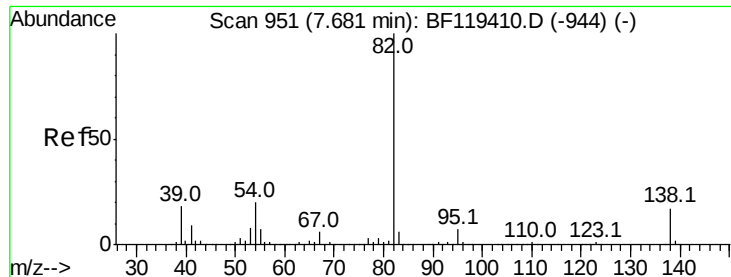
Tot Ion:136	Resp:	773283
Ion	Ratio	Lower Upper
136	100	
137	10.8	8.7 13.1
54	9.7	9.1 13.7
68	4.9	4.6 6.8



#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

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





#25

Isophorone

Concen: 7.924 ng

RT: 7.34 min Scan# 893

Delta R.T. -0.27 min

Lab File: BF119765.D

Acq: 6 Apr 2020 12:18

Instrument :

BNA_F

ClientSampleId :

CHASSIE-WASHRE

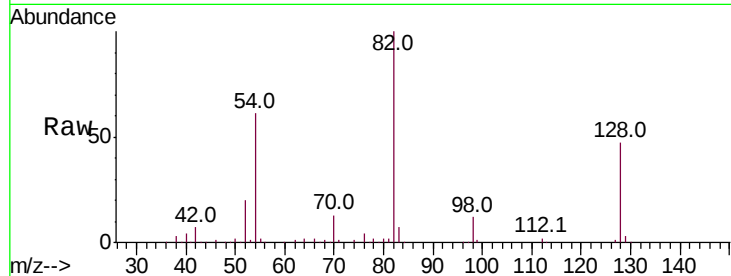
Tot Ion: 82 Resp: 228720

Ion Ratio Lower Upper

82 100

95 0.0 5.8 8.6#

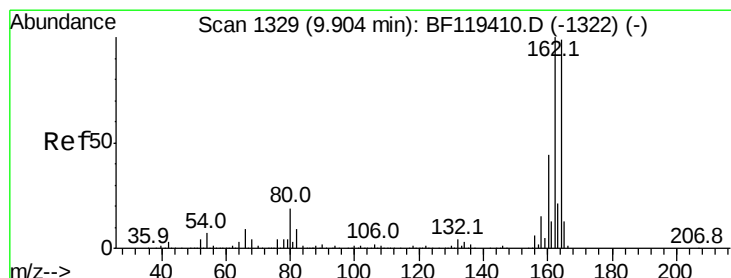
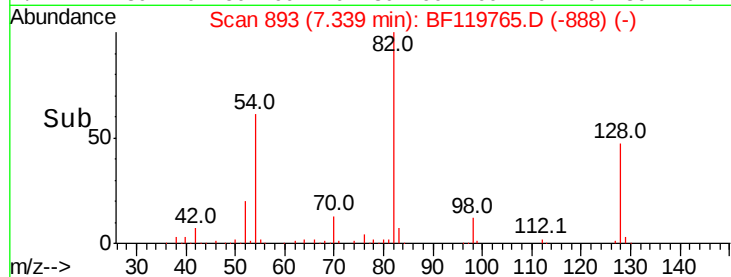
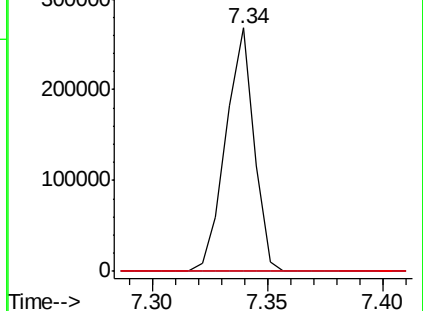
138 0.0 14.6 21.8#



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: 20.000 ng

RT: 9.82 min Scan# 1315

Delta R.T. -0.01 min

Lab File: BF119765.D

Acq: 6 Apr 2020 12:18

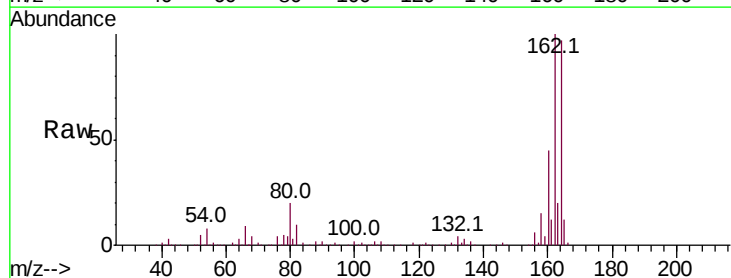
Tgt Ion:164 Resp: 391842

Ion Ratio Lower Upper

164 100

162 102.9 80.6 121.0

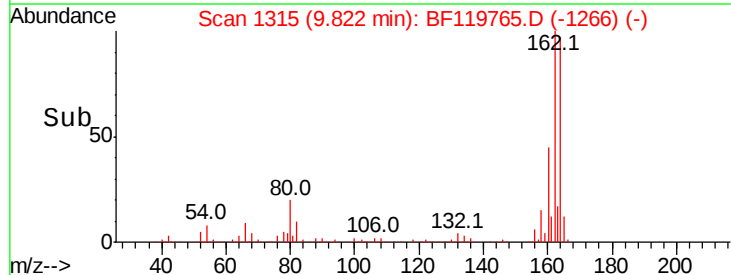
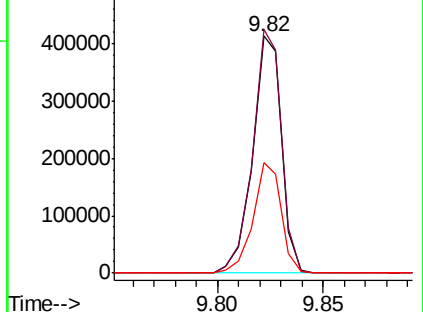
160 46.8 35.7 53.5

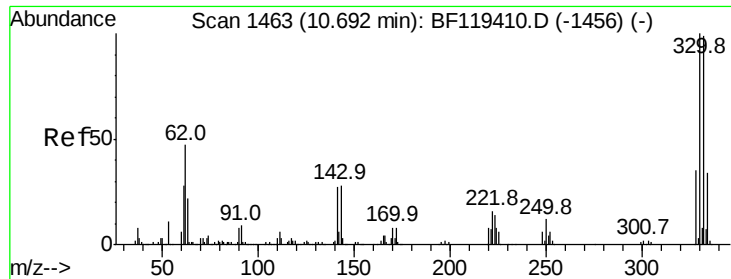


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

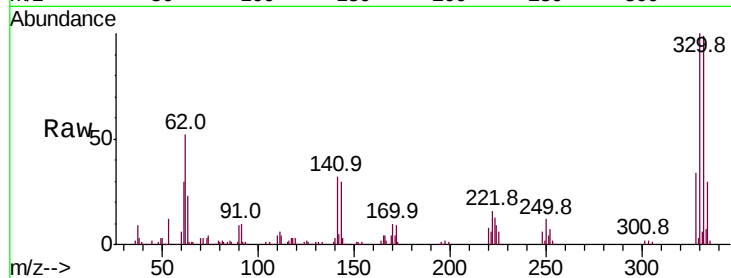




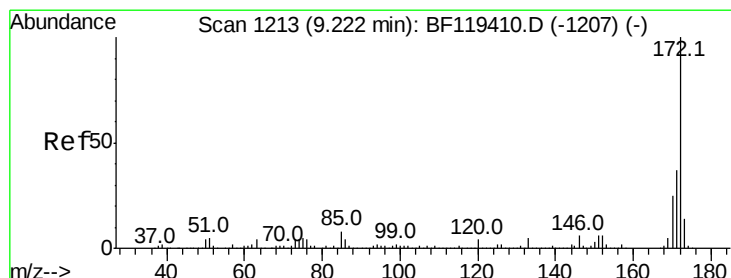
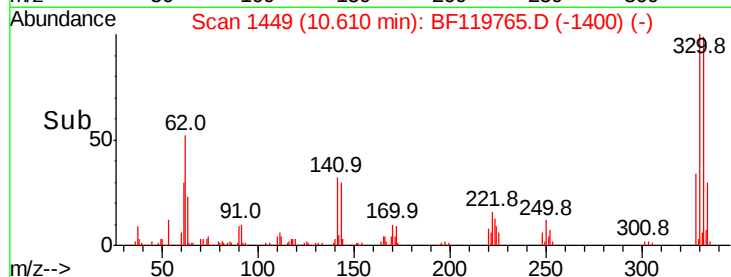
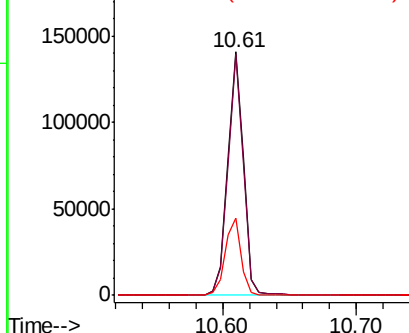
#42
 2,4,6-Tribromophenol
 Concen: 29.198 ng
 RT: 10.61 min Scan# 1449
 Delta R.T. -0.01 min
 Lab File: BF119765.D
 Acq: 6 Apr 2020 12:18

Instrument :
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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

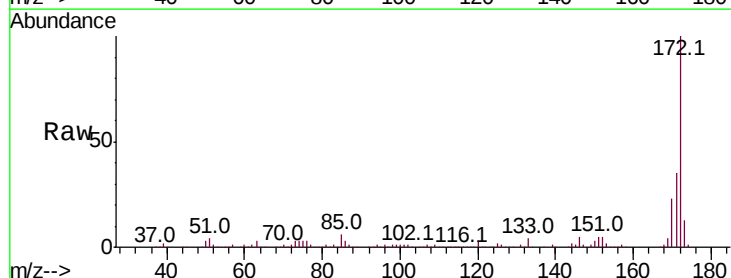


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

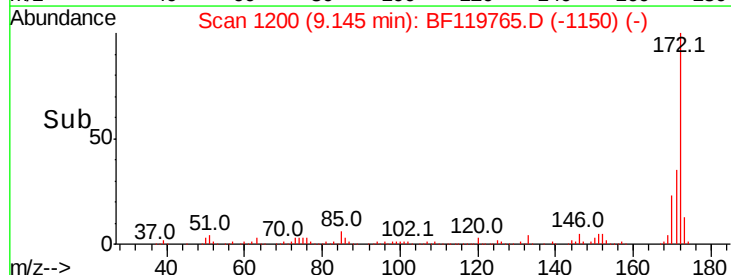
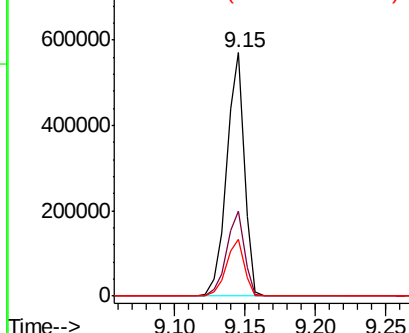


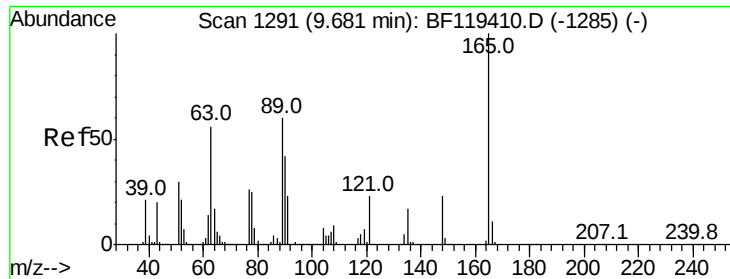
#45
 2-Fluorobiphenyl
 Concen: 18.805 ng
 RT: 9.15 min Scan# 1200
 Delta R.T. -0.01 min
 Lab File: BF119765.D
 Acq: 6 Apr 2020 12:18

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





#51

2,6-Dinitrotoluene

Concen: 8.167 ng

RT: 9.82 min Scan# 1315

Delta R.T. 0.21 min

Lab File: BF119765.D

Acq: 6 Apr 2020 12:18

Instrument :

BNA_F

ClientSampleId :

CHASSIE-WASHRE

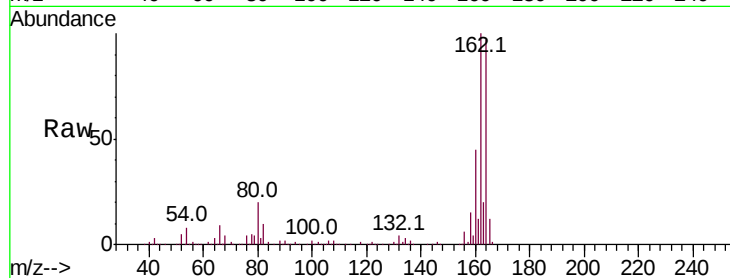
Tot Ion:165 Resp: 48725

Ion Ratio Lower Upper

165 100

63 0.9 45.0 67.4#

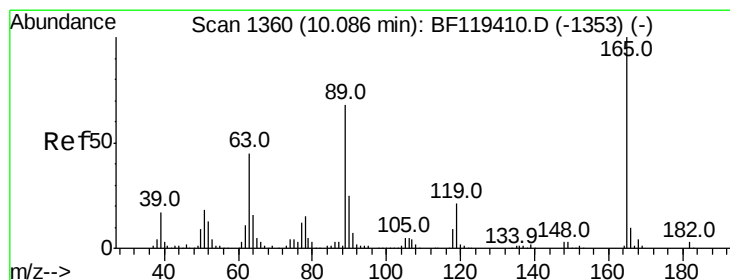
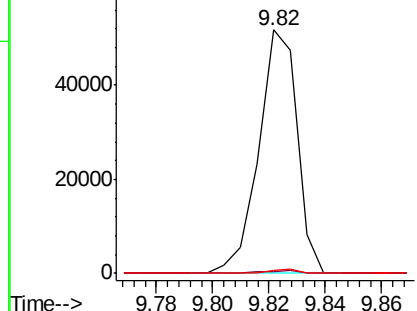
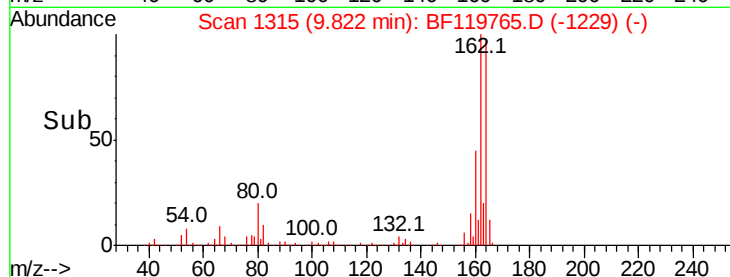
89 1.2 41.5 62.3#



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



#57

2,4-Dinitrotoluene

Concen: 6.483 ng

RT: 9.82 min Scan# 1315

Delta R.T. -0.19 min

Lab File: BF119765.D

Acq: 6 Apr 2020 12:18

Tgt Ion:165 Resp: 48725

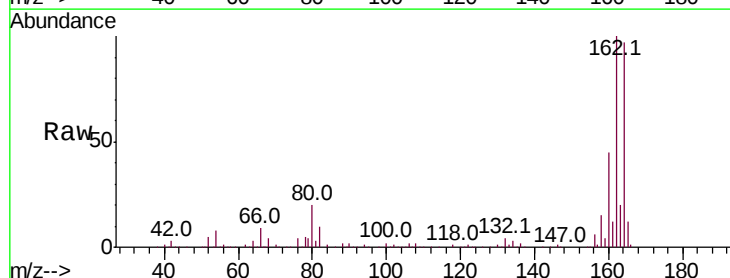
Ion Ratio Lower Upper

165 100

63 0.9 42.6 64.0#

89 1.2 61.0 91.4#

182 0.0 2.2 3.2#

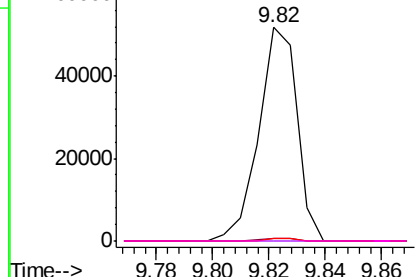
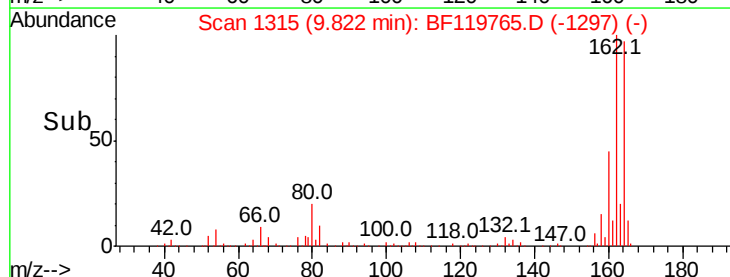


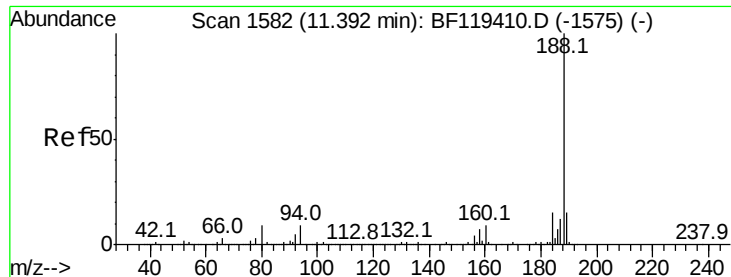
Abundance Ion 165.00 (164.70 to 165.70): E

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

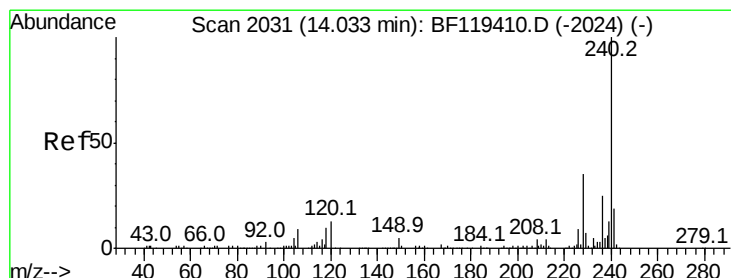
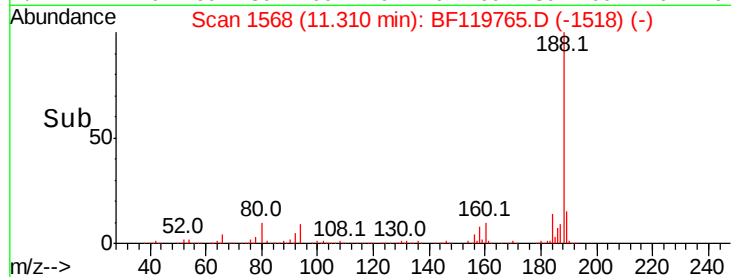
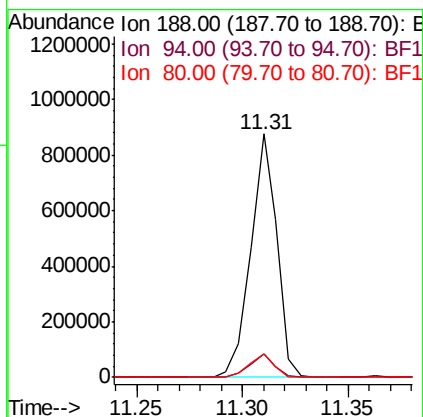
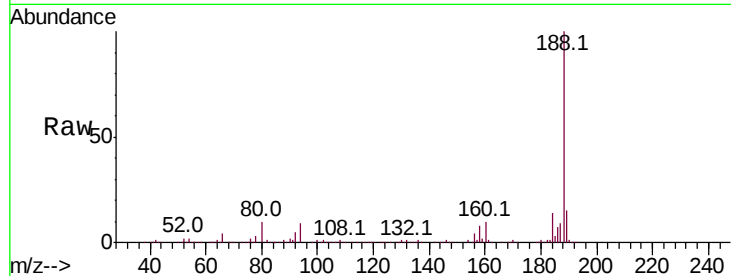




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.31 min Scan# 1568
Delta R.T. -0.01 min
Lab File: BF119765.D
Acq: 6 Apr 2020 12:18

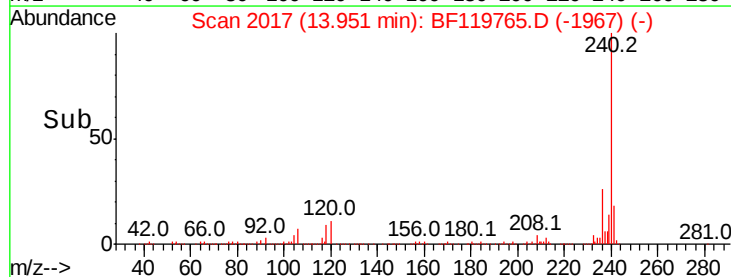
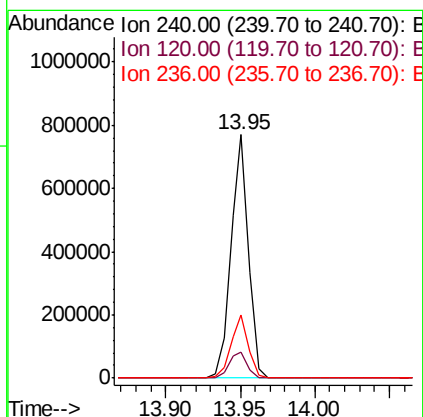
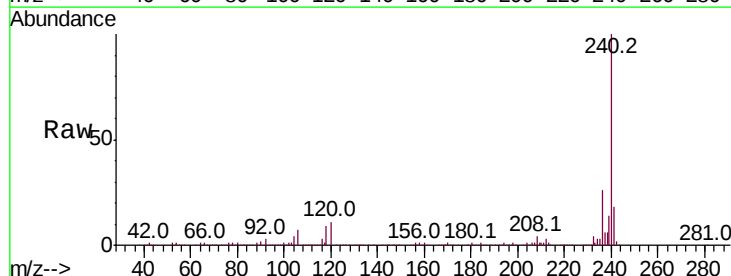
Instrument :
BNA_F
ClientSampleId :
CHASSIE-WASHRE

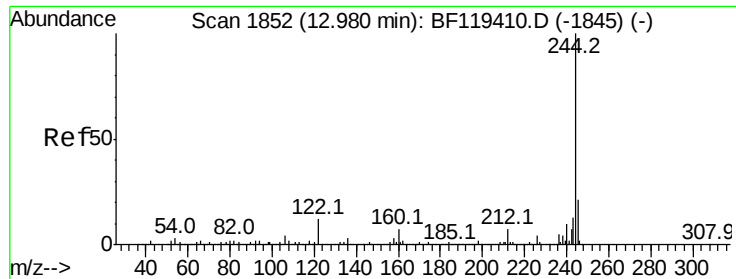
Tot Ion:188 Resp: 752756
Ion Ratio Lower Upper
188 100
94 9.4 7.5 11.3
80 9.8 9.0 13.4



#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:240 Resp: 634808
Ion Ratio Lower Upper
240 100
120 10.6 10.6 15.8
236 26.1 20.2 30.2

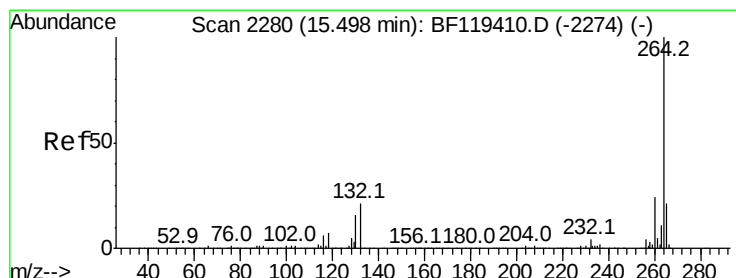
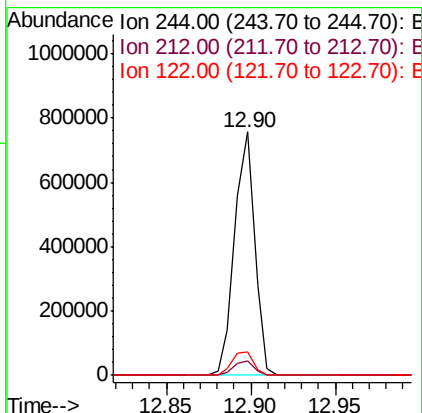
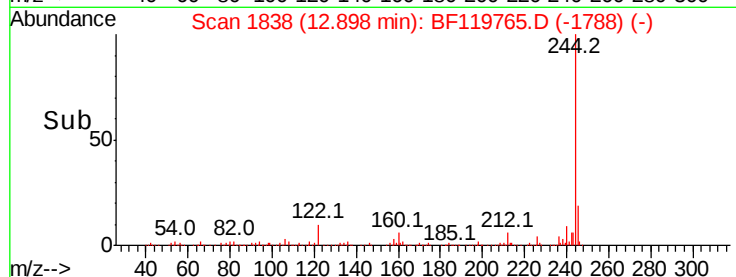
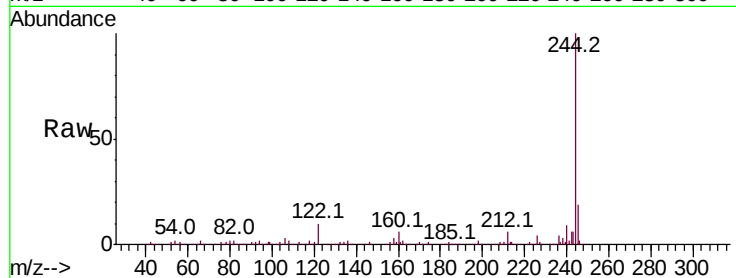




#79
 Terphenyl-d14
 Concen: 19.346 ng
 RT: 12.90 min Scan# 1838
 Delta R.T. -0.01 min
 Lab File: BF119765.D
 Acq: 6 Apr 2020 12:18

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

