

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040320\
 Data File : BF119755.D
 Acq On : 4 Apr 2020 9:51
 Operator : MA/SJ
 Sample : L2102-01
 Misc :
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RT-46-MEDIAN

Quant Time: Apr 06 01:59:52 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF031820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 01 11:59:45 2020
 Response via : Initial Calibration

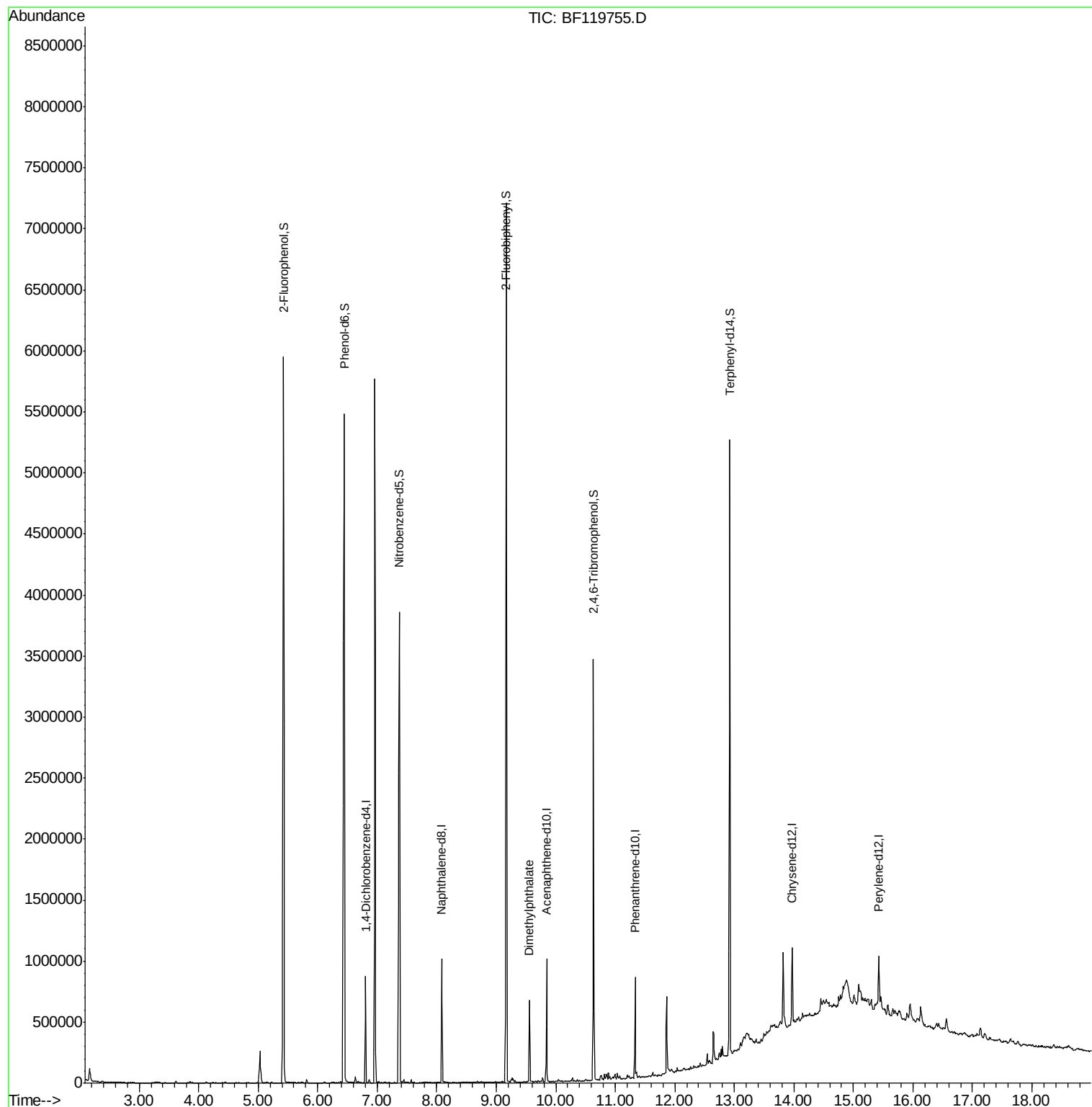
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	116547	20.00	ng	-0.01
21) Naphthalene-d8	8.09	136	414616	20.00	ng	-0.02
39) Acenaphthene-d10	9.85	164	186481	20.00	ng	-0.02
64) Phenanthrene-d10	11.33	188	302701	20.00	ng	-0.02
76) Chrysene-d12	13.97	240	226175	20.00	ng	-0.03
87) Perylene-d12	15.43	264	189506	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	1799567	245.80	ng	0.01
7) Phenol-d6	6.45	99	2283109	244.12	ng	0.00
23) Nitrobenzene-d5	7.37	82	1419178	186.03	ng	-0.01
42) 2,4,6-Tribromophenol	10.64	330	459494	238.84	ng	-0.01
45) 2-Fluorobiphenyl	9.17	172	2354049	187.01	ng	-0.01
79) Terphenyl-d14	12.93	244	2029487	175.80	ng	-0.01
Target Compounds						
50) Dimethylphthalate	9.56	163	260252	19.648	ng	Qvalue 100

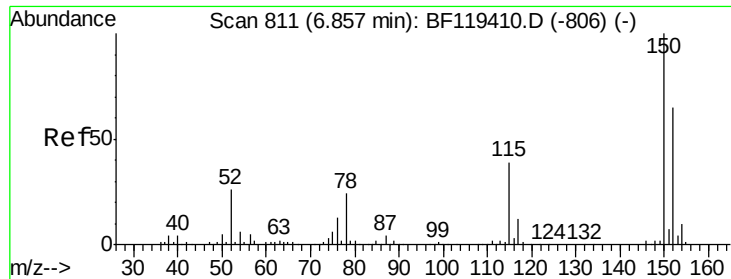
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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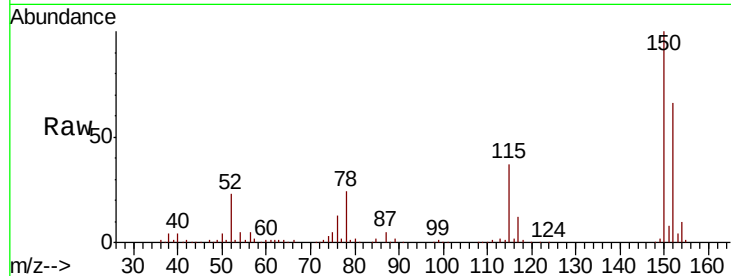


#1

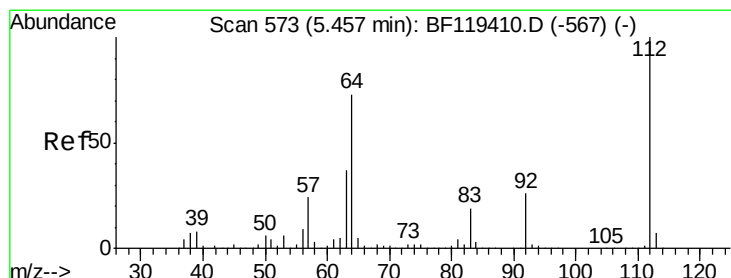
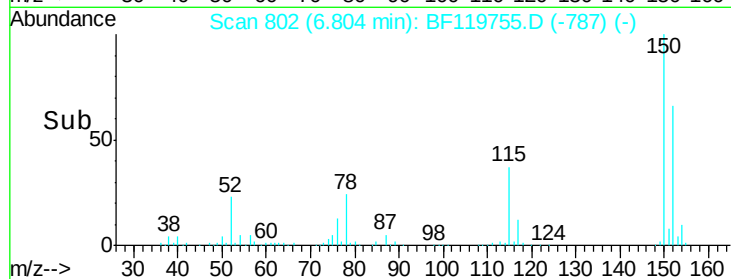
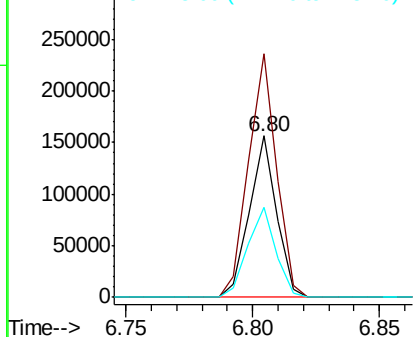
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.80 min Scan# 802
 Delta R.T. -0.01 min
 Lab File: BF119755.D
 Acq: 4 Apr 2020 9:51

Instrument :
 BNA_F
 ClientSampleId :
 RT-46-MEDIAN

Tot Ion:152 Resp: 116547
 Ion Ratio Lower Upper
 152 100
 150 151.1 124.5 186.7
 115 55.8 49.6 74.4



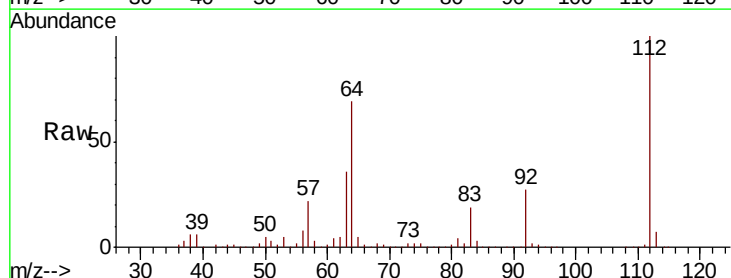
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



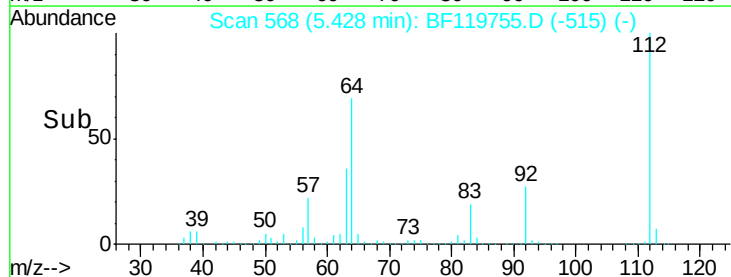
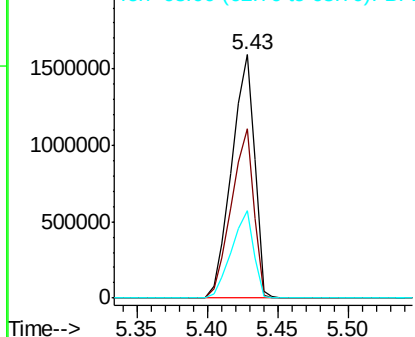
#5

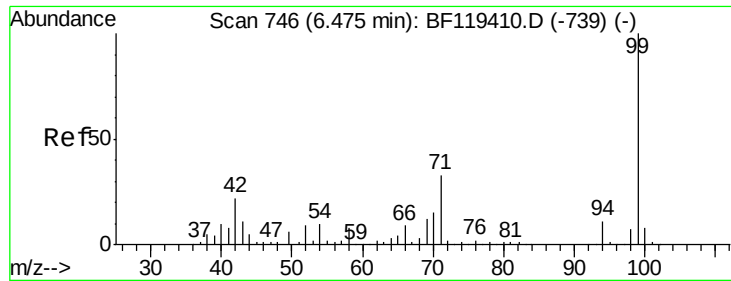
2-Fluorophenol
 Concen: 245.801 ng
 RT: 5.43 min Scan# 568
 Delta R.T. 0.01 min
 Lab File: BF119755.D
 Acq: 4 Apr 2020 9:51

Tgt Ion:112 Resp: 1799567
 Ion Ratio Lower Upper
 112 100
 64 69.3 56.7 85.1
 63 35.9 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: 244.121 ng

RT: 6.45 min Scan# 741

Delta R.T. -0.00 min

Lab File: BF119755.D

Acq: 4 Apr 2020 9:51

Instrument :

BNA_F

ClientSampleId :

RT-46-MEDIAN

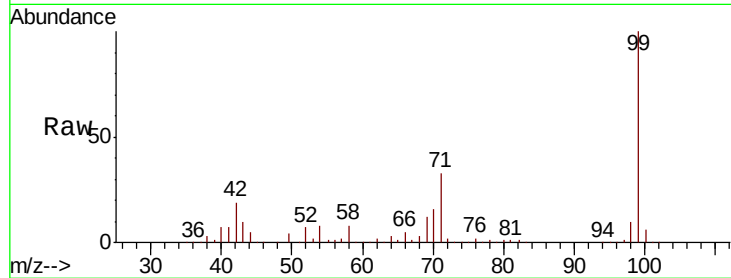
Tot Ion: 99 Resp: 2283109

Ion Ratio Lower Upper

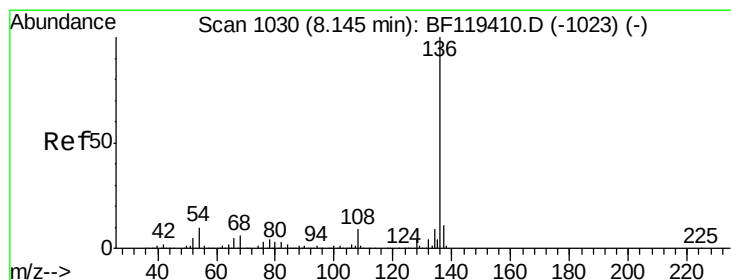
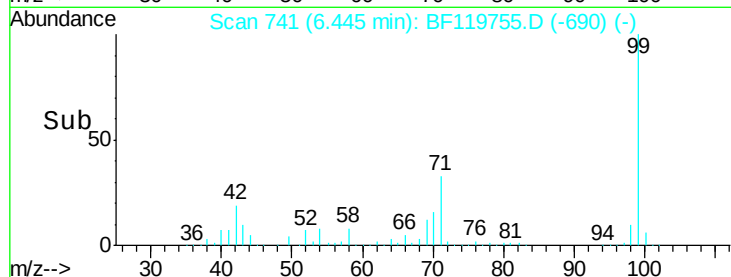
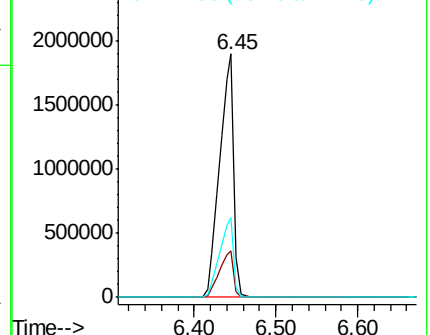
99 100

42 18.9 16.6 24.8

71 32.9 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: 8.09 min Scan# 1020

Delta R.T. -0.02 min

Lab File: BF119755.D

Acq: 4 Apr 2020 9:51

Tgt Ion: 136 Resp: 414616

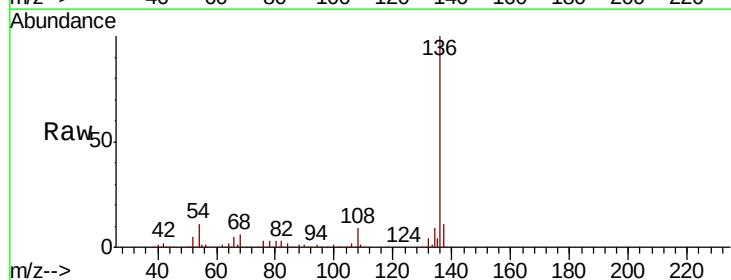
Ion Ratio Lower Upper

136 100

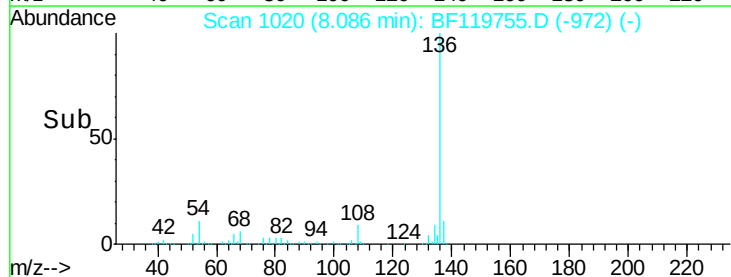
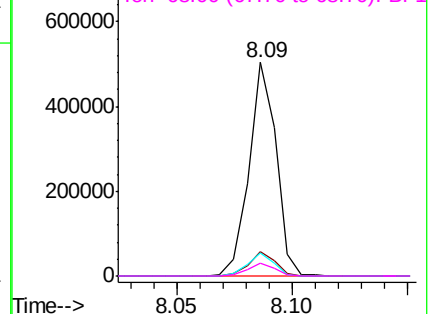
137 11.3 8.7 13.1

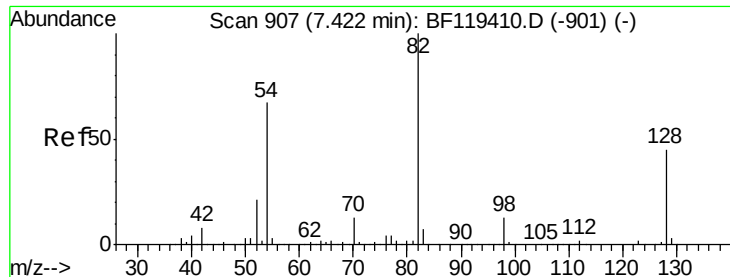
54 10.7 9.1 13.7

68 5.7 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: 186.026 ng

RT: 7.37 min Scan# 898

Delta R.T. -0.01 min

Lab File: BF119755.D

Acq: 4 Apr 2020 9:51

Instrument :

BNA_F

ClientSampleId :

RT-46-MEDIAN

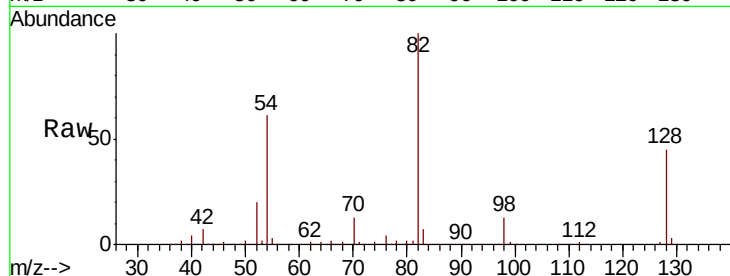
Tot Ion: 82 Resp: 1419178

Ion Ratio Lower Upper

82 100

128 45.3 36.3 54.5

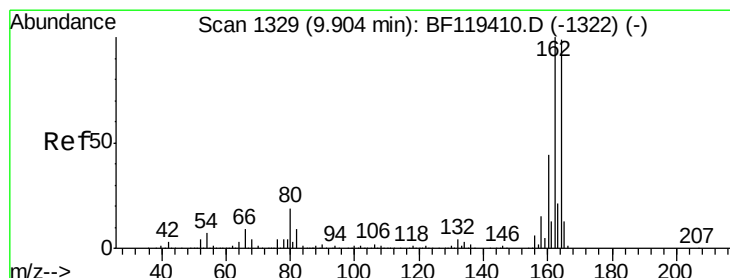
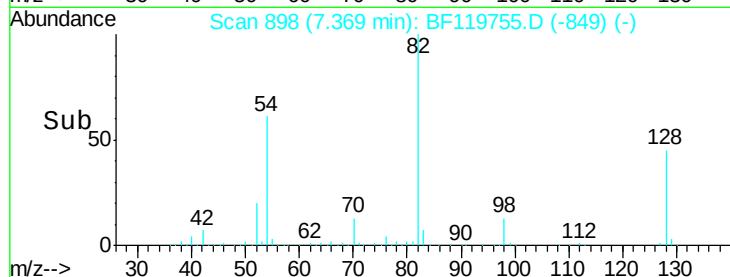
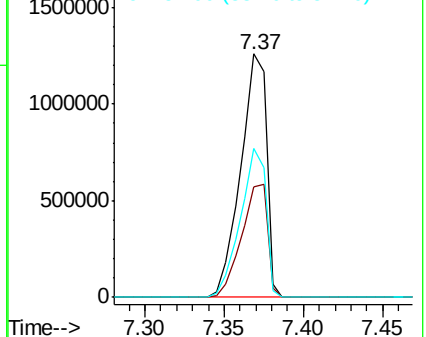
54 61.2 50.6 75.8



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: 9.85 min Scan# 1319

Delta R.T. -0.02 min

Lab File: BF119755.D

Acq: 4 Apr 2020 9:51

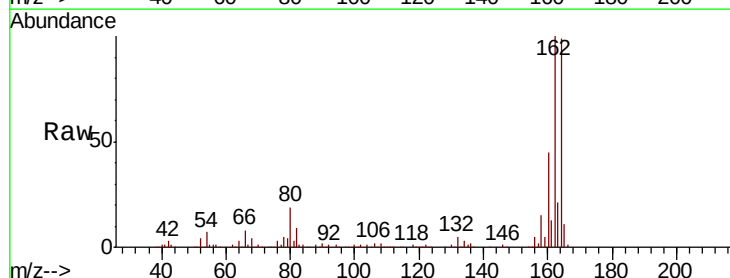
Tgt Ion:164 Resp: 186481

Ion Ratio Lower Upper

164 100

162 101.1 80.6 121.0

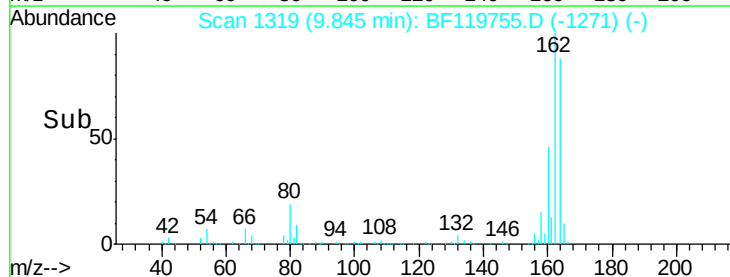
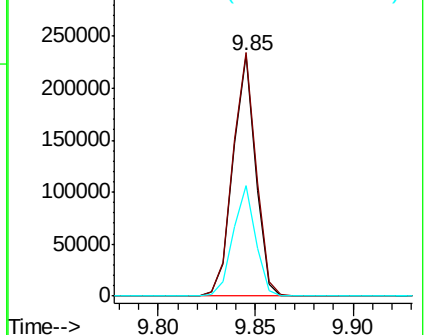
160 45.7 35.7 53.5

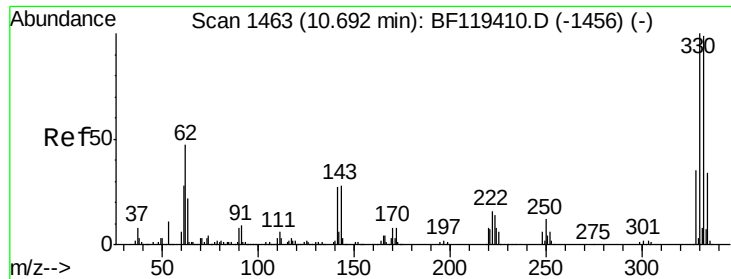


Abundance Ion 164.00 (163.70 to 164.70): BF1

Ion 162.00 (161.70 to 162.70): BF1

Ion 160.00 (159.70 to 160.70): BF1

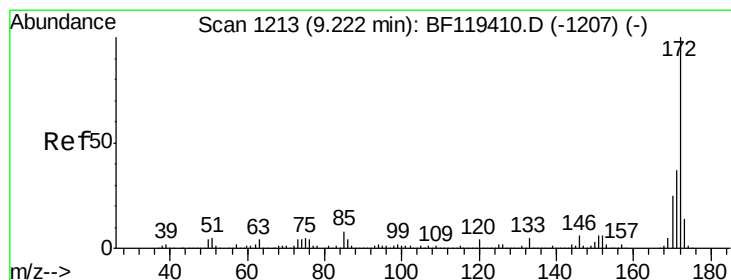
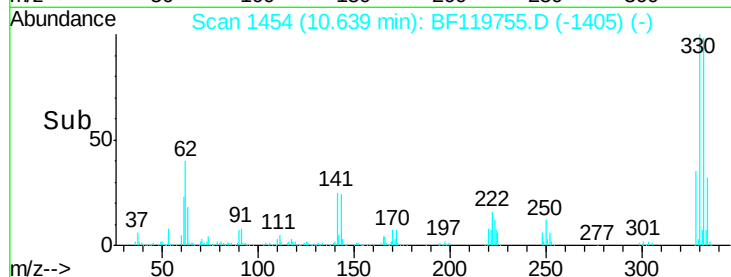
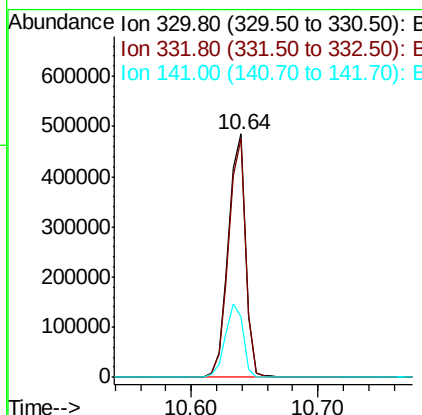
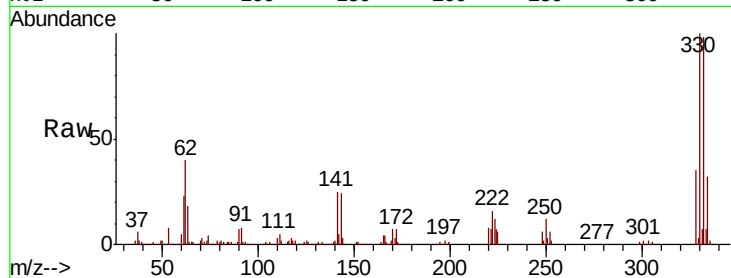




#42
 2,4,6-Tribromophenol
 Concen: 238.840 ng
 RT: 10.64 min Scan# 1454
 Delta R.T. -0.01 min
 Lab File: BF119755.D
 Acq: 4 Apr 2020 9:51

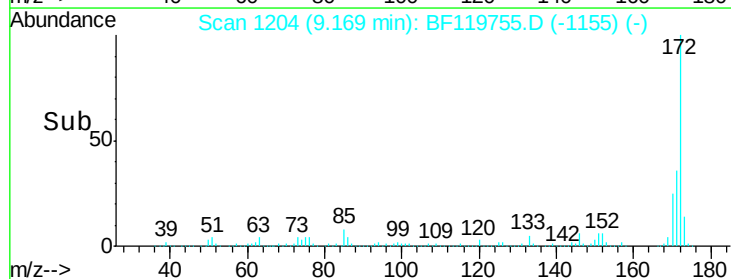
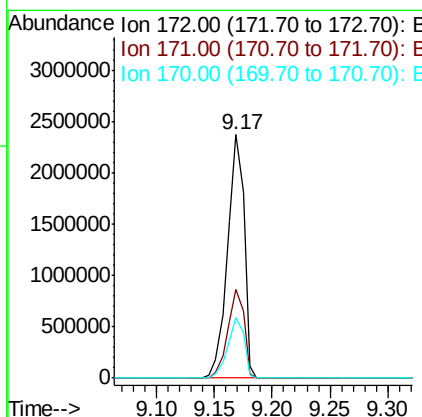
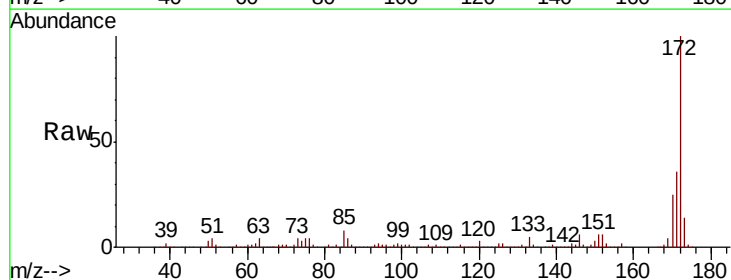
Instrument :
 BNA_F
 ClientSampleId :
 RT-46-MEDIAN

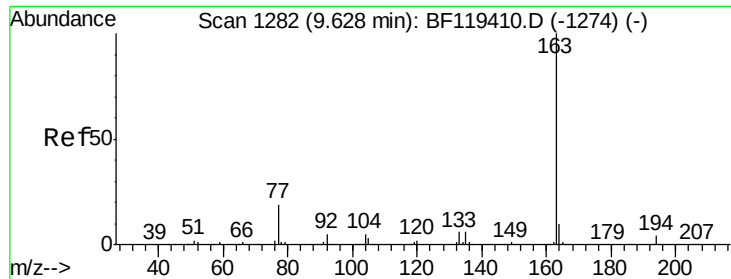
Tot Ion:330 Resp: 459494
 Ion Ratio Lower Upper
 330 100
 332 96.5 75.7 113.5
 141 31.1 25.4 38.0



#45
 2-Fluorobiphenyl
 Concen: 187.014 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. -0.01 min
 Lab File: BF119755.D
 Acq: 4 Apr 2020 9:51

Tgt Ion:172 Resp: 2354049
 Ion Ratio Lower Upper
 172 100
 171 36.2 29.6 44.4
 170 24.7 20.2 30.2

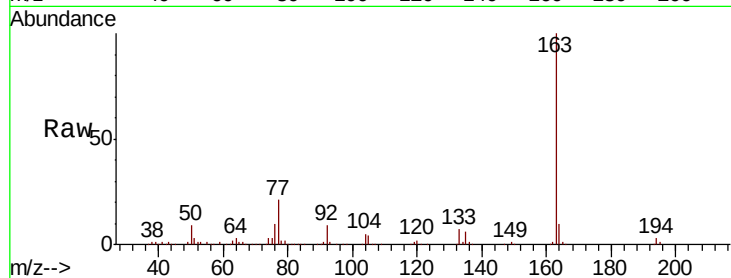




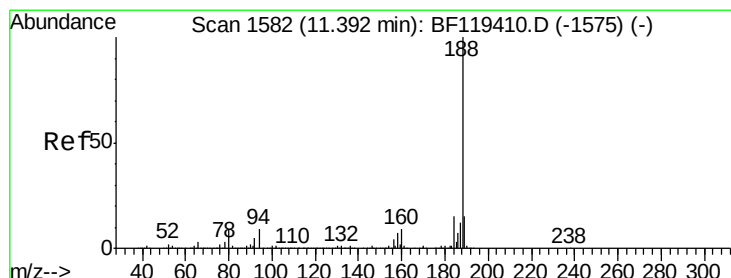
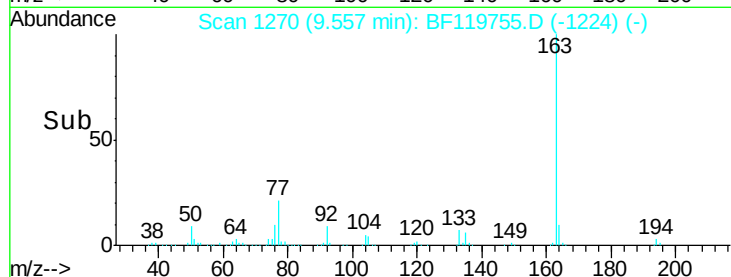
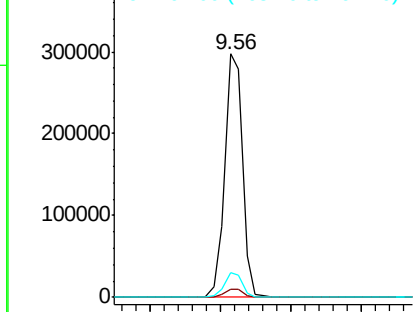
#50
Dimethylphthalate
Concen: 19.648 ng
RT: 9.56 min Scan# 1270
Delta R.T. -0.03 min
Lab File: BF119755.D
Acq: 4 Apr 2020 9:51

Instrument :
BNA_F
ClientSampleId :
RT-46-MEDIAN

Tot Ion:163	Resp:	260252
Ion Ratio	Lower	Upper
163	100	
194	3.4	3.1 4.7
164	10.2	8.2 12.2

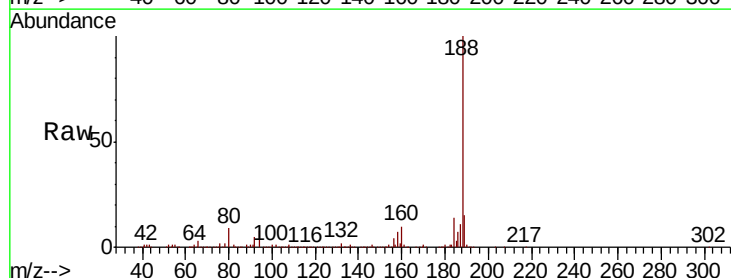


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

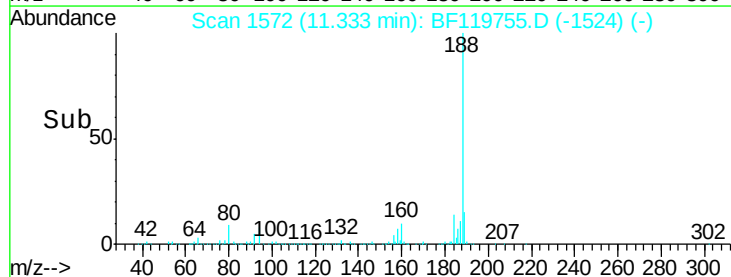
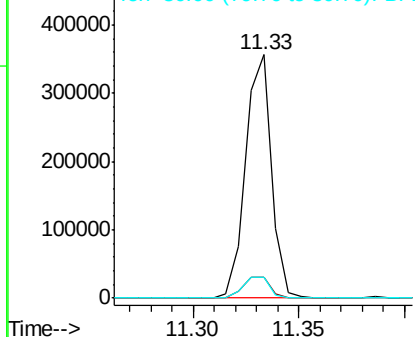


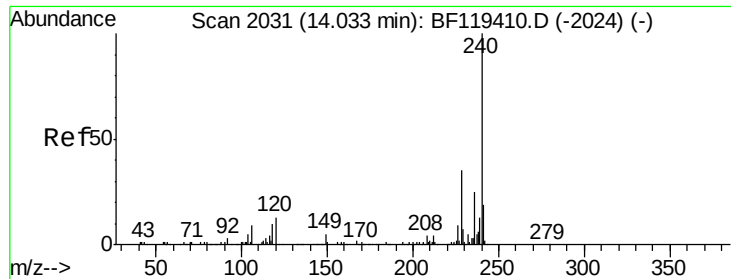
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1572
Delta R.T. -0.02 min
Lab File: BF119755.D
Acq: 4 Apr 2020 9:51

Tgt Ion:188	Resp:	302701
Ion Ratio	Lower	Upper
188	100	
94	8.4	7.5 11.3
80	8.6	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: 13.97 min Scan# 2020

Delta R.T. -0.03 min

Lab File: BF119755.D

Acq: 4 Apr 2020 9:51

Instrument :

BNA_F

ClientSampleId :

RT-46-MEDIAN

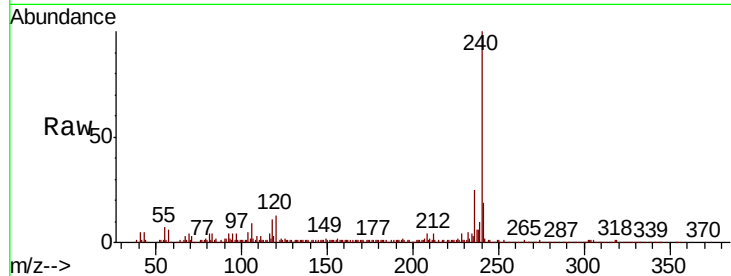
Tot Ion:240 Resp: 226175

Ion Ratio Lower Upper

240 100

120 12.5 10.6 15.8

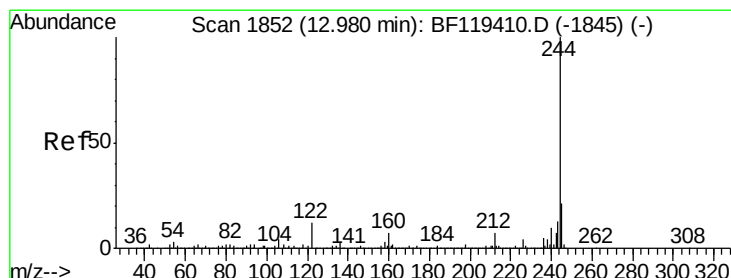
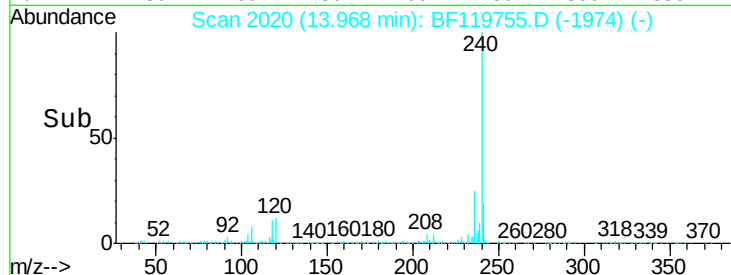
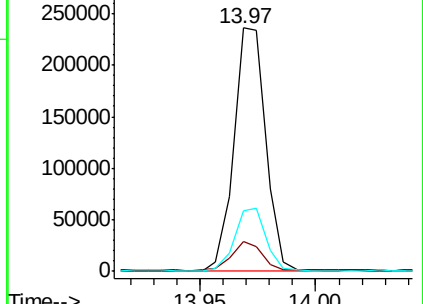
236 24.8 20.2 30.2



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: 175.802 ng

RT: 12.93 min Scan# 1843

Delta R.T. -0.01 min

Lab File: BF119755.D

Acq: 4 Apr 2020 9:51

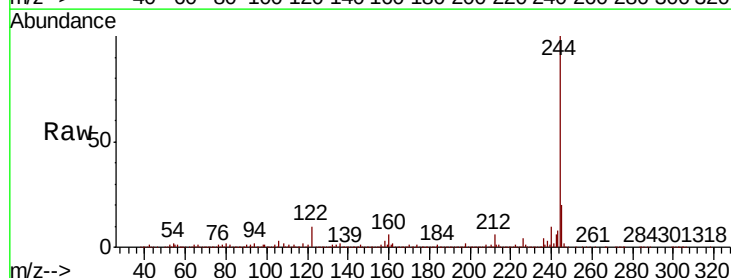
Tgt Ion:244 Resp: 2029487

Ion Ratio Lower Upper

244 100

212 6.2 5.8 8.8

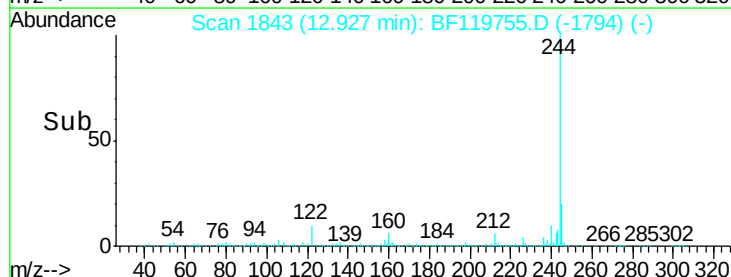
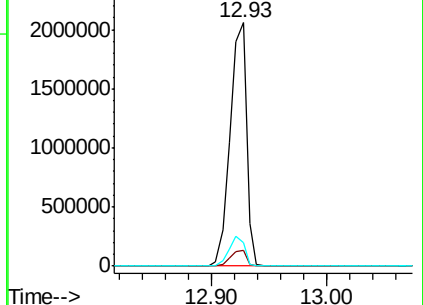
122 9.7 10.3 15.5#

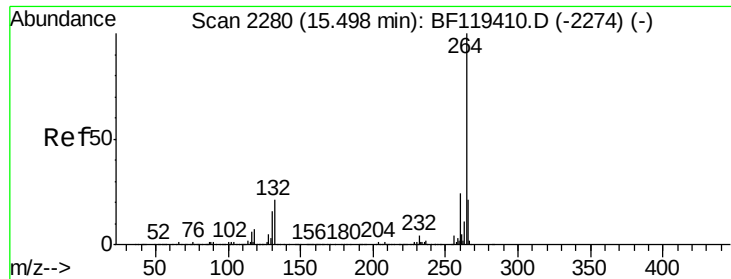


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.43 min Scan# 2268
Delta R.T. -0.02 min
Lab File: BF119755.D
Acq: 4 Apr 2020 9:51

Instrument :
BNA_F
ClientSampleId :
RT-46-MEDIAN

Tot Ion	Ion	Ratio	Lower	Upper
264	100			
260	24.2	18.7	28.1	
265	23.1	17.7	26.5	

