

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF042720\
 Data File : BF120219.D
 Acq On : 27 Apr 2020 15:22
 Operator : MA/SJ
 Sample : L2375-04
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-16A

Quant Time: Apr 27 16:04:51 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 27 12:17:15 2020
 Response via : Initial Calibration

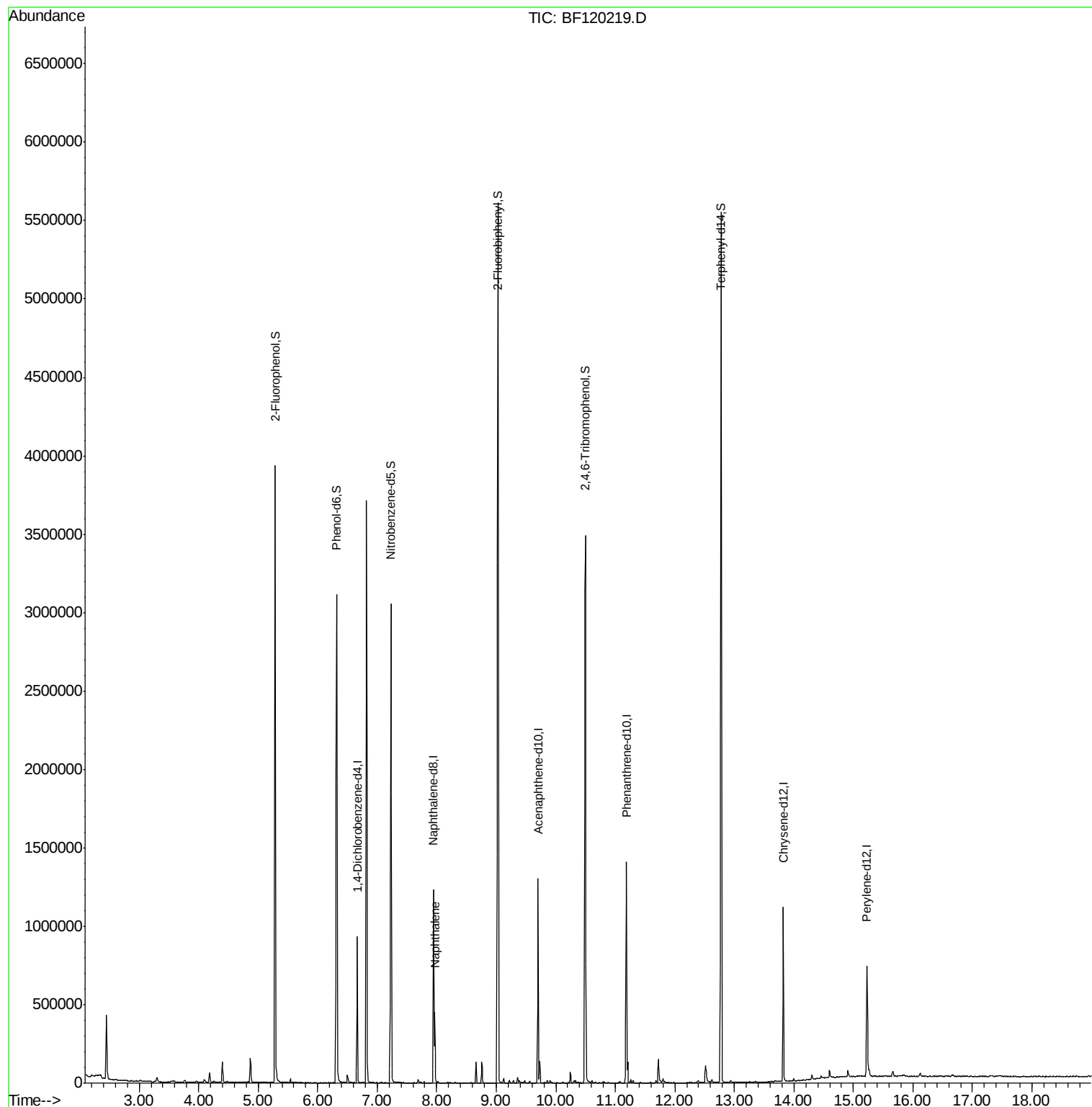
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.66	152	123743	20.00	ng	0.00
21) Naphthalene-d8	7.95	136	528953	20.00	ng	-0.01
39) Acenaphthene-d10	9.70	164	271650	20.00	ng	-0.01
64) Phenanthrene-d10	11.19	188	525753	20.00	ng	0.00
76) Chrysene-d12	13.82	240	386358	20.00	ng	-0.02
87) Perylene-d12	15.23	264	322989	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.29	112	1070413	149.49	ng	0.00
7) Phenol-d6	6.32	99	1168084	126.60	ng	0.00
23) Nitrobenzene-d5	7.23	82	1025761	100.32	ng	0.00
42) 2,4,6-Tribromophenol	10.50	330	448279	134.78	ng	0.00
45) 2-Fluorobiphenyl	9.03	172	1956933	102.28	ng	0.00
79) Terphenyl-d14	12.78	244	2290346	99.75	ng	0.00
Target Compounds						
31) Naphthalene	7.97	128	175502	6.306	ng	Qvalue 96

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

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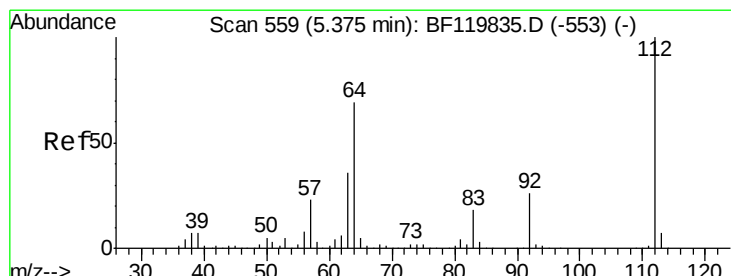
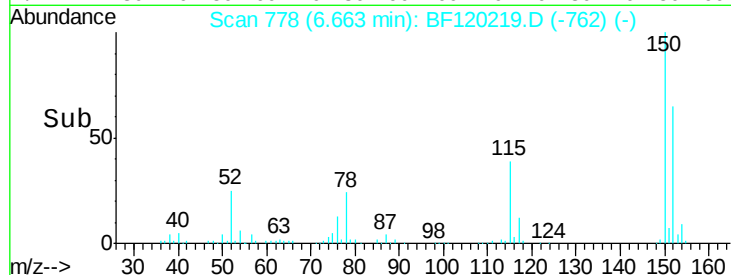
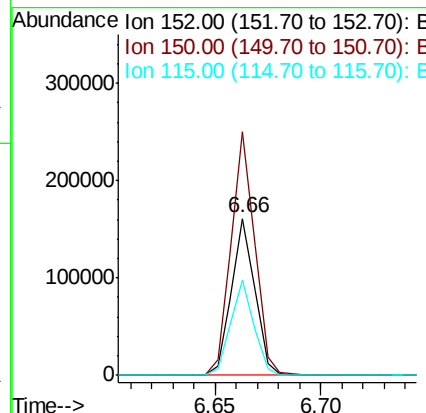
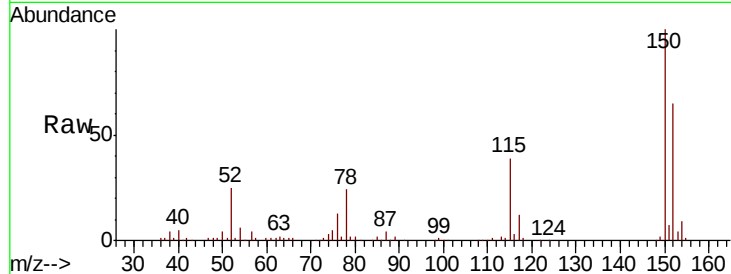


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.66 min Scan# 778
Delta R.T. -0.01 min
Lab File: BF120219.D
Acq: 27 Apr 2020 15:22

Instrument :
BNA_F
ClientSampleId :
TP-16A

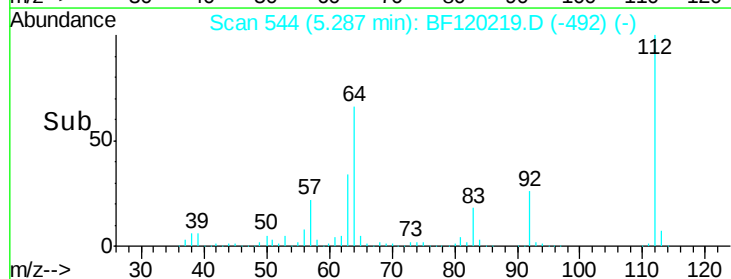
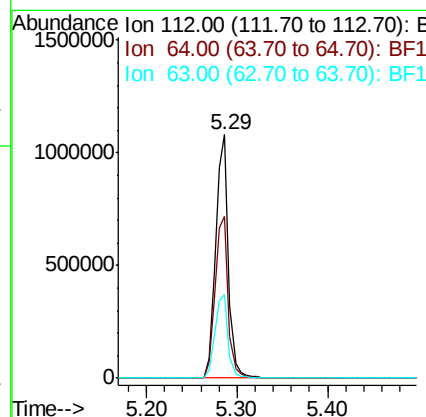
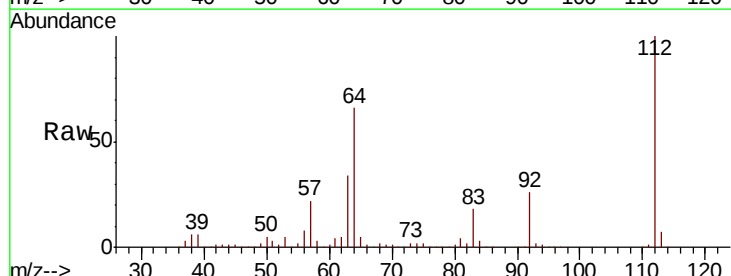
Tot Ion:152 Resp: 123743
Ion Ratio Lower Upper
152 100
150 155.0 124.5 186.7
115 60.4 49.6 74.4



#5

2-Fluorophenol
Concen: 149.493 ng
RT: 5.29 min Scan# 544
Delta R.T. 0.01 min
Lab File: BF120219.D
Acq: 27 Apr 2020 15:22

Tgt Ion:112 Resp: 1070413
Ion Ratio Lower Upper
112 100
64 66.2 56.7 85.1
63 34.1 29.5 44.3





#7

Phenol-d6

Concen: 126.603 ng

RT: 6.32 min Scan# 720

Delta R.T. -0.01 min

Lab File: BF120219.D

Acq: 27 Apr 2020 15:22

Instrument :

BNA_F

ClientSampleId :

TP-16A

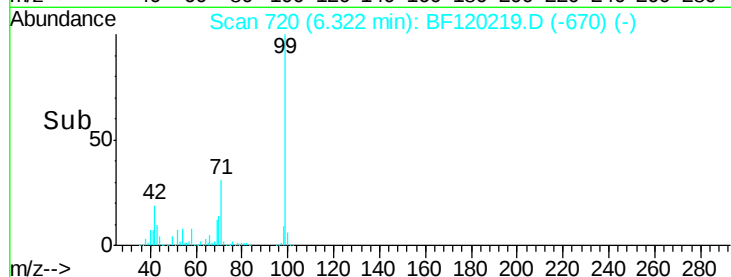
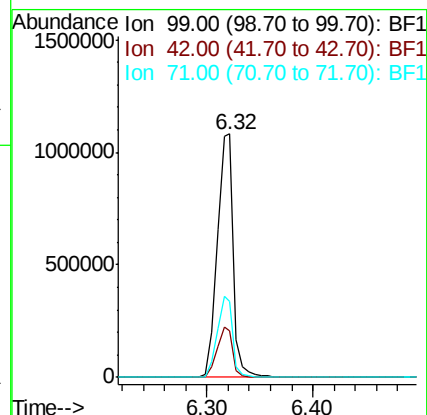
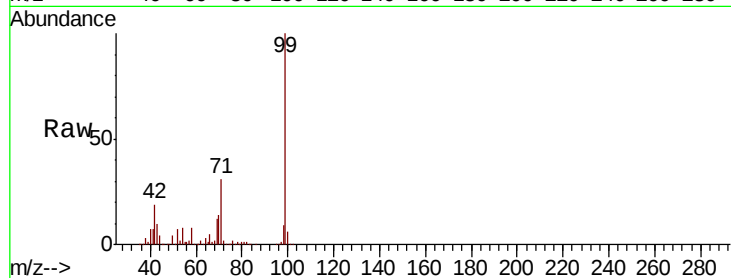
Tot Ion: 99 Resp: 1168084

Ion Ratio Lower Upper

99 100

42 19.1 16.6 24.8

71 31.2 26.4 39.6



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.95 min Scan# 996

Delta R.T. -0.01 min

Lab File: BF120219.D

Acq: 27 Apr 2020 15:22

Tgt Ion: 136 Resp: 528953

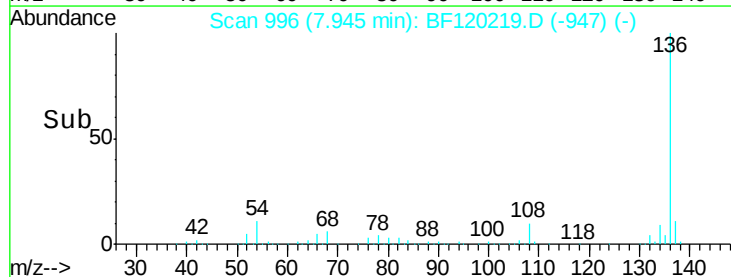
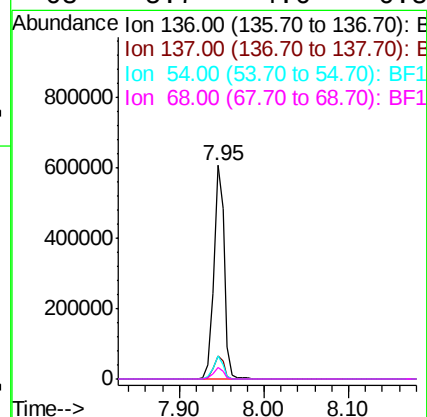
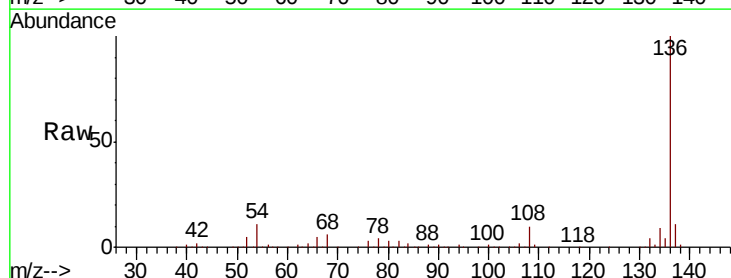
Ion Ratio Lower Upper

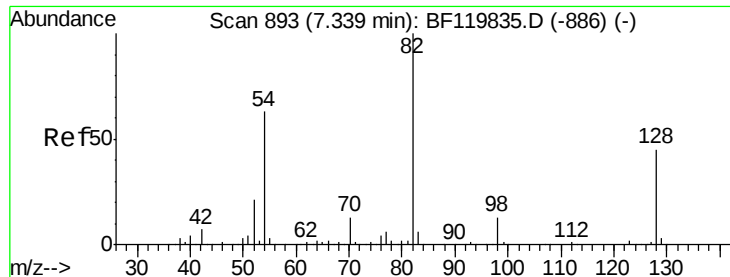
136 100

137 11.0 8.7 13.1

54 11.0 9.1 13.7

68 5.7 4.6 6.8

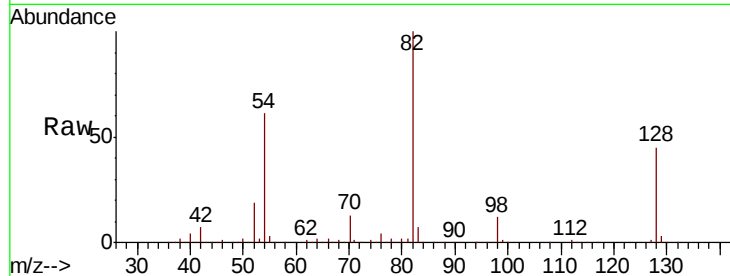




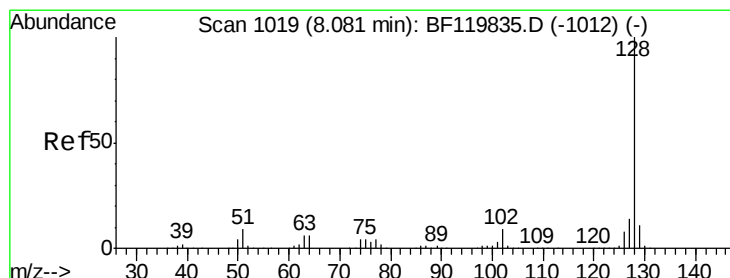
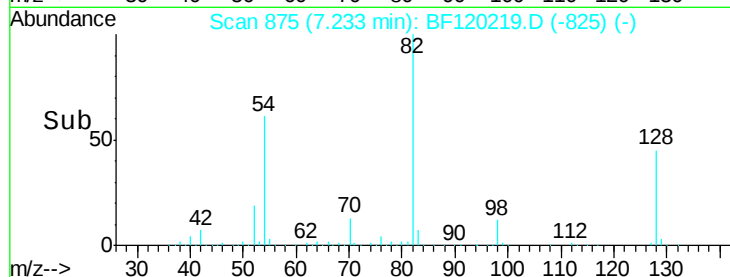
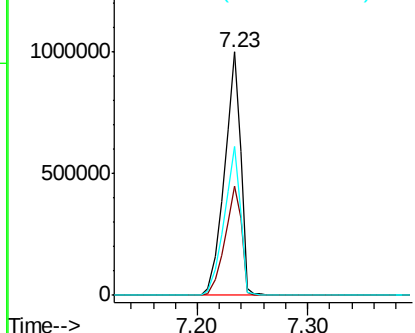
#23
Nitrobenzene-d5
Concen: 100.323 ng
RT: 7.23 min Scan# 875
Delta R.T. -0.01 min
Lab File: BF120219.D
Acq: 27 Apr 2020 15:22

Instrument :
BNA_F
ClientSampleId :
TP-16A

Tot Ion: 82 Resp: 1025761
Ion Ratio Lower Upper
82 100
128 44.9 36.3 54.5
54 61.3 50.6 75.8

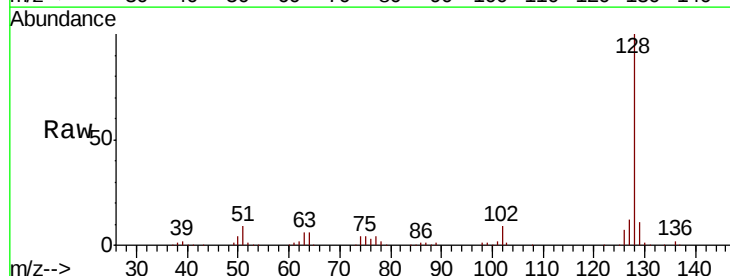


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1

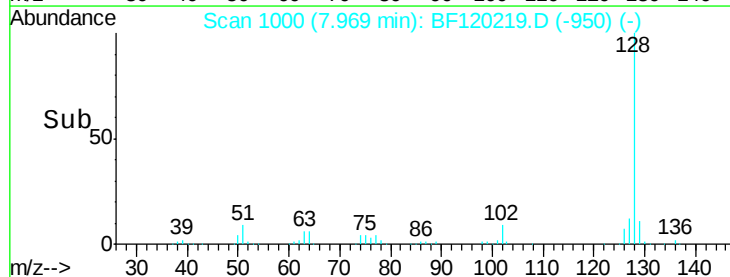
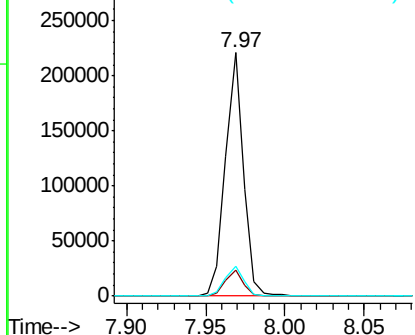


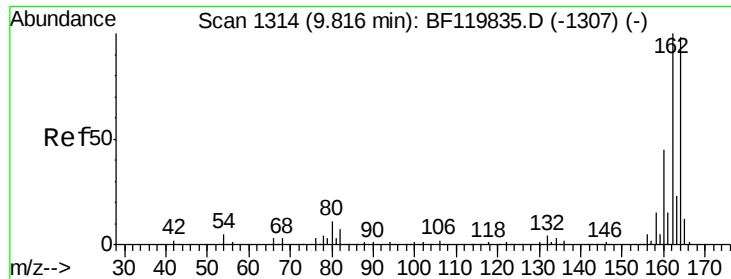
#31
Naphthalene
Concen: 6.306 ng
RT: 7.97 min Scan# 1000
Delta R.T. -0.01 min
Lab File: BF120219.D
Acq: 27 Apr 2020 15:22

Tgt Ion: 128 Resp: 175502
Ion Ratio Lower Upper
128 100
129 10.8 9.5 14.3
127 12.3 11.3 16.9



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.70 min Scan# 1294

Delta R.T. -0.01 min

Lab File: BF120219.D

Acq: 27 Apr 2020 15:22

Instrument :

BNA_F

ClientSampleId :

TP-16A

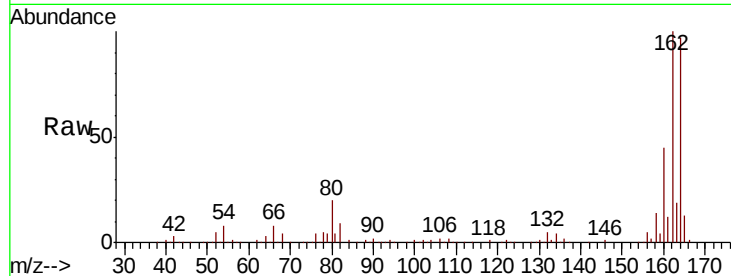
Tot Ion:164 Resp: 271650

Ion Ratio Lower Upper

164 100

162 103.6 80.6 121.0

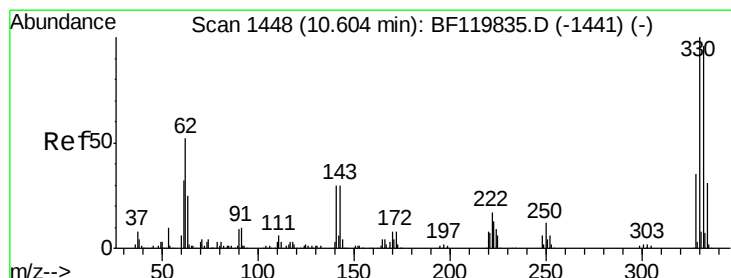
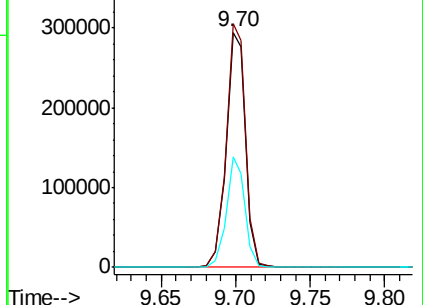
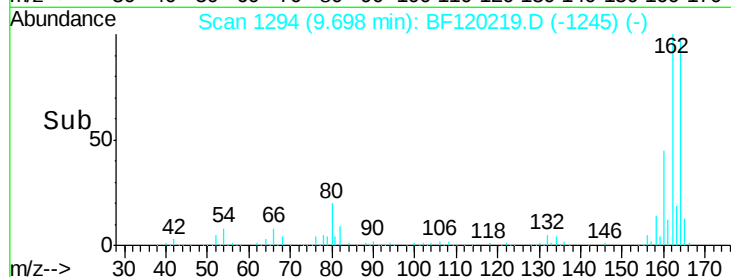
160 47.1 35.7 53.5



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: 134.784 ng

RT: 10.50 min Scan# 1430

Delta R.T. -0.01 min

Lab File: BF120219.D

Acq: 27 Apr 2020 15:22

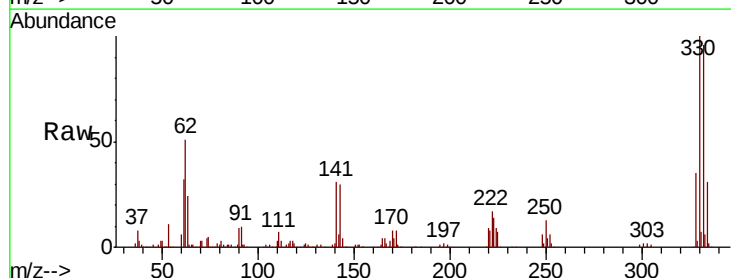
Tgt Ion:330 Resp: 448279

Ion Ratio Lower Upper

330 100

332 97.0 75.7 113.5

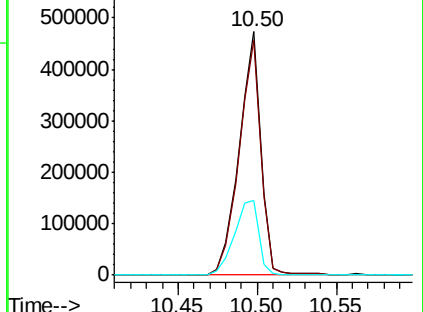
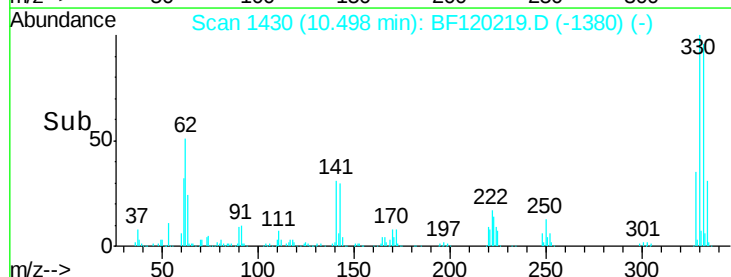
141 34.9 25.4 38.0

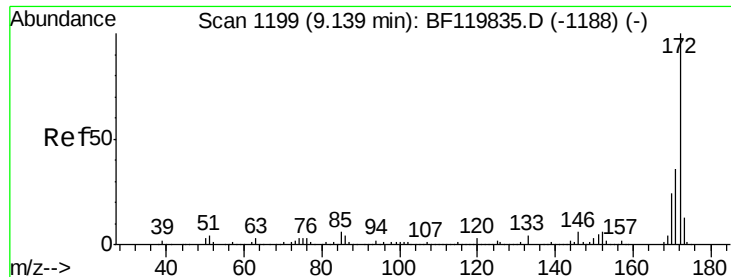


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



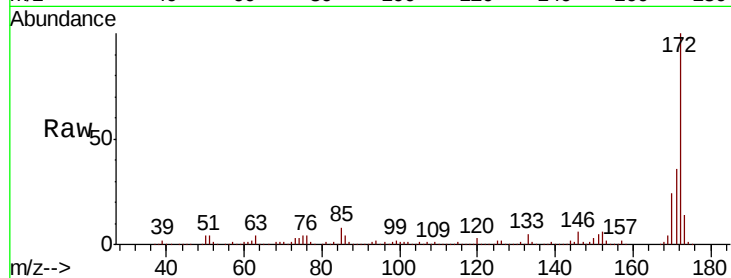


#45
 2-Fluorobiphenyl
 Concen: 102.279 ng
 RT: 9.03 min Scan# 1180
 Delta R.T. -0.01 min
 Lab File: BF120219.D
 Acq: 27 Apr 2020 15:22

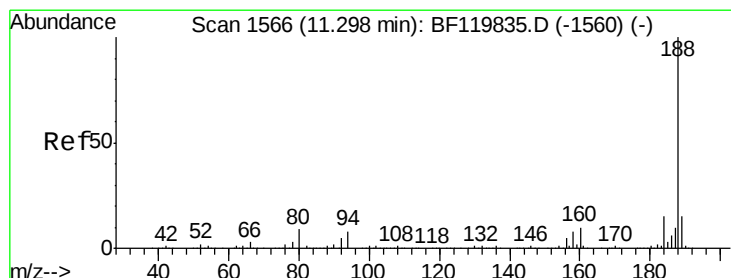
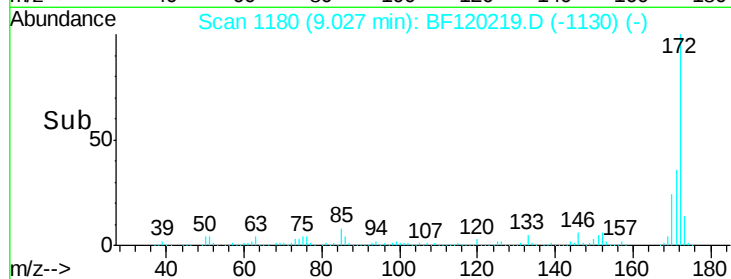
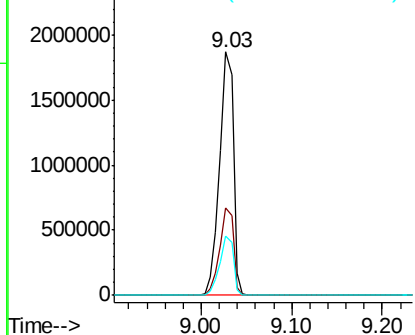
Instrument :
 BNA_F
 ClientSampleId :
 TP-16A

Tot Ion:172 Resp: 1956933

Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.6	44.4
170	24.3	20.2	30.2



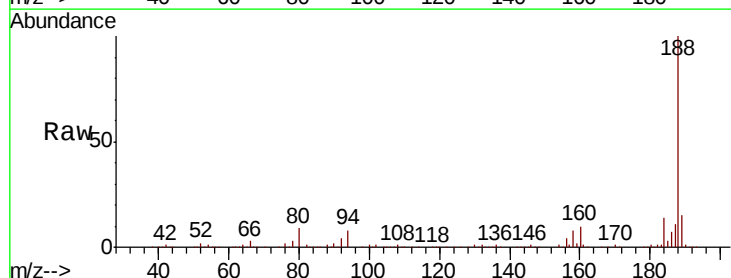
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



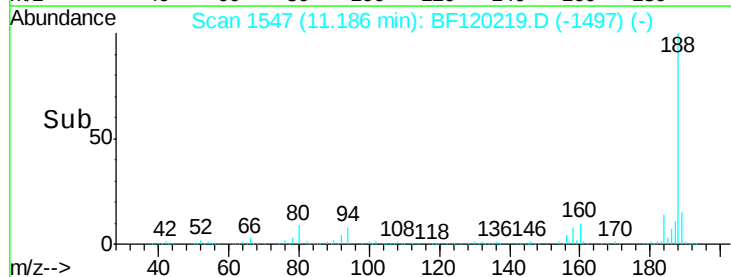
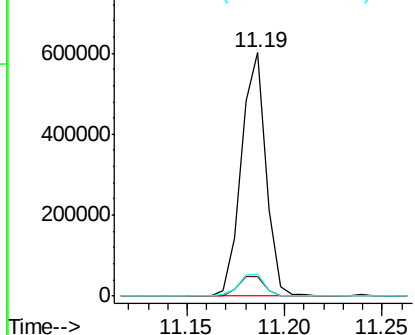
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.19 min Scan# 1547
 Delta R.T. -0.01 min
 Lab File: BF120219.D
 Acq: 27 Apr 2020 15:22

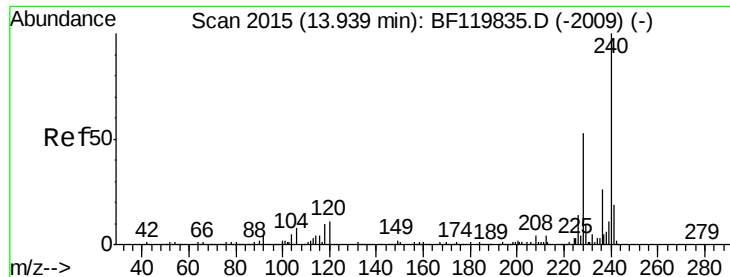
Tgt Ion:188 Resp: 525753

Ion	Ratio	Lower	Upper
188	100		
94	8.1	7.5	11.3
80	9.0	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: 13.82 min Scan# 1995

Delta R.T. -0.02 min

Lab File: BF120219.D

Acq: 27 Apr 2020 15:22

Instrument :

BNA_F

ClientSampleId :

TP-16A

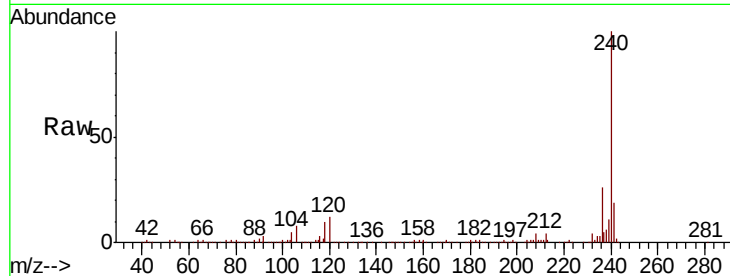
Tot Ion:240 Resp: 386358

Ion Ratio Lower Upper

240 100

120 11.7 10.6 15.8

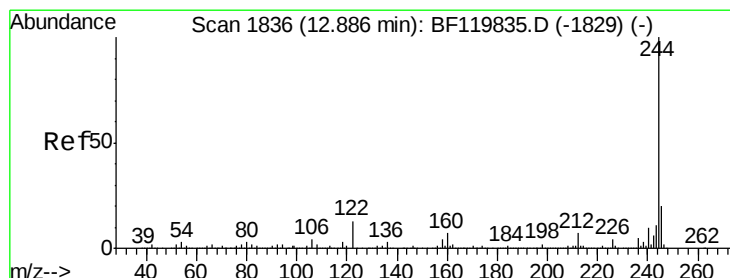
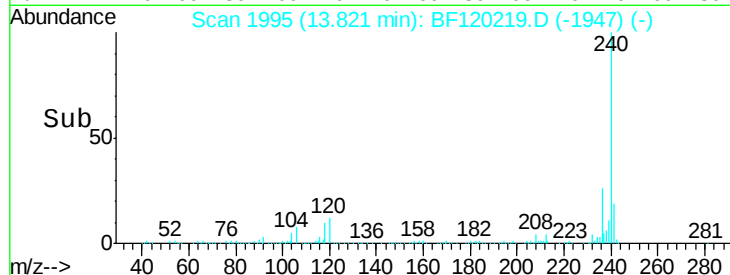
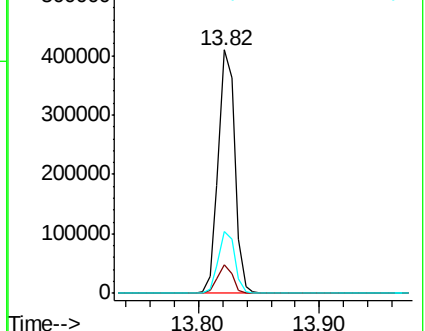
236 25.6 20.2 30.2



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: 99.748 ng

RT: 12.78 min Scan# 1818

Delta R.T. -0.01 min

Lab File: BF120219.D

Acq: 27 Apr 2020 15:22

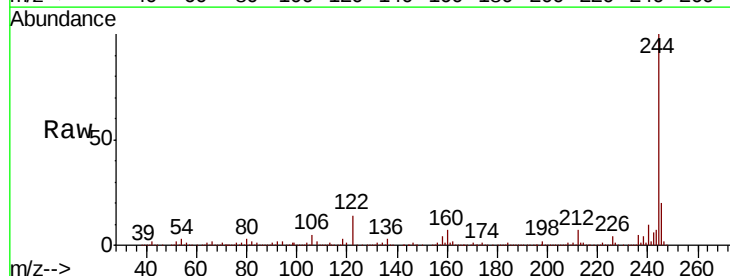
Tgt Ion:244 Resp: 2290346

Ion Ratio Lower Upper

244 100

212 7.0 5.8 8.8

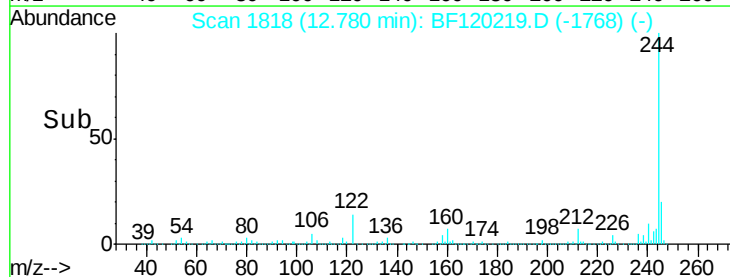
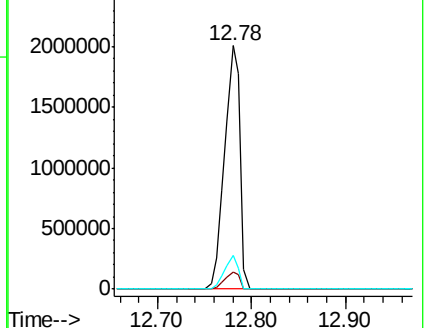
122 13.6 10.3 15.5

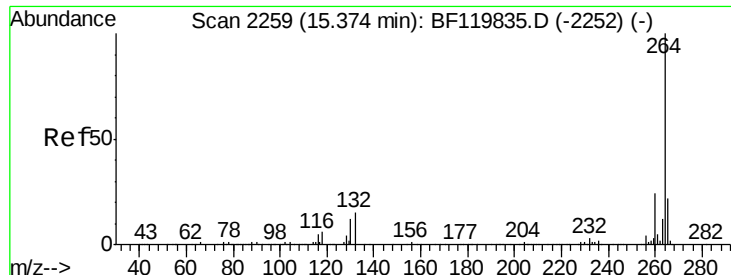


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.23 min Scan# 2234
Delta R.T. -0.02 min
Lab File: BF120219.D
Acq: 27 Apr 2020 15:22

Instrument :
BNA_F
ClientSampleId :
TP-16A

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.2	18.7	28.1
265	21.4	17.7	26.5

