

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041520\
 Data File : BF120007.D
 Acq On : 15 Apr 2020 22:21
 Operator : MA/SJ
 Sample : L2198-13
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-42-41-COMP

Quant Time: Apr 16 04:32:17 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 15 11:01:23 2020
 Response via : Initial Calibration

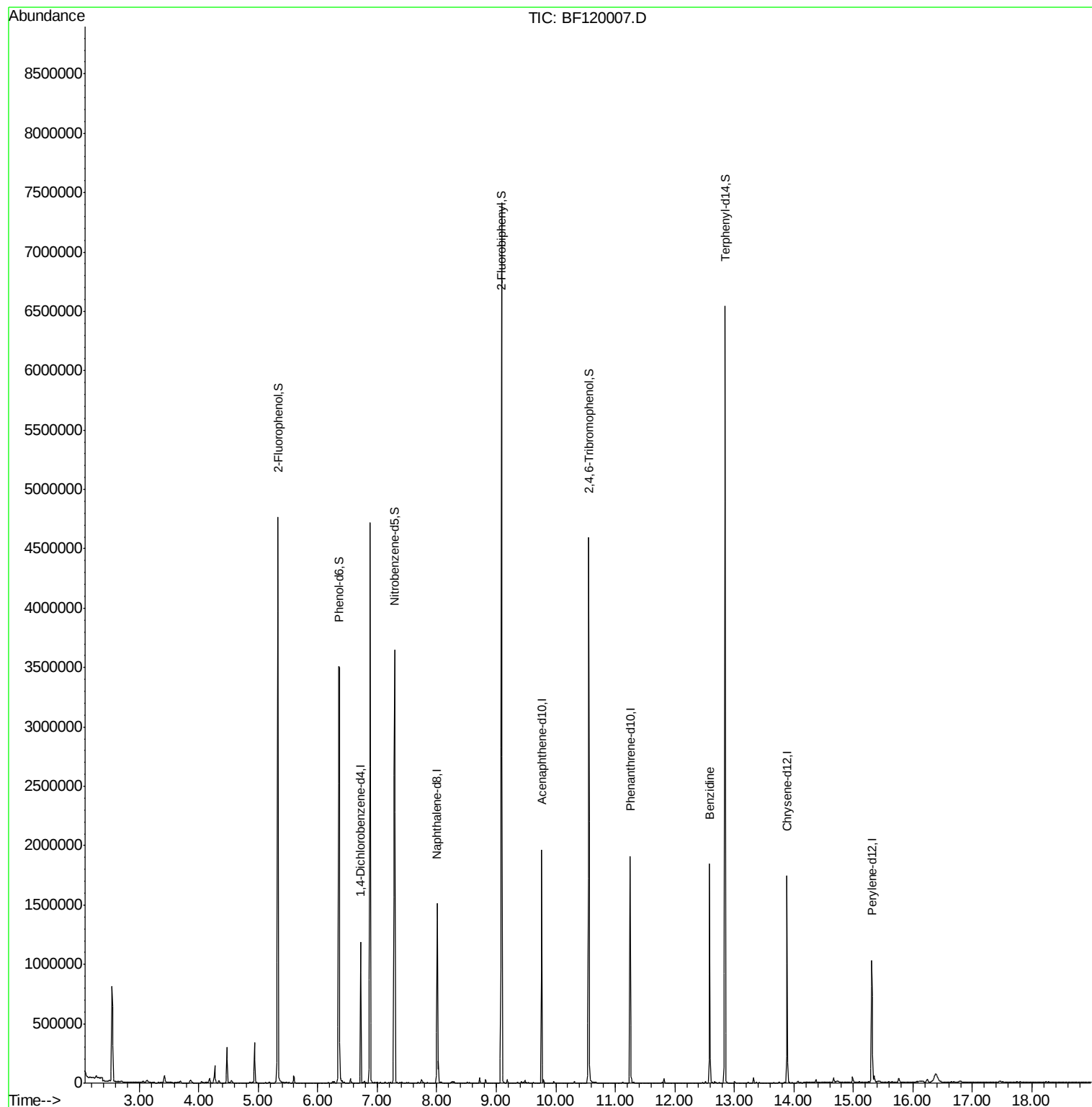
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	174382	20.00	ng	0.00
21) Naphthalene-d8	8.01	136	664446	20.00	ng	0.00
39) Acenaphthene-d10	9.76	164	358690	20.00	ng	0.00
64) Phenanthrene-d10	11.25	188	713161	20.00	ng	0.00
76) Chrysene-d12	13.89	240	568982	20.00	ng	-0.01
87) Perylene-d12	15.31	264	458464	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	1337123	132.51	ng	0.00
7) Phenol-d6	6.36	99	1499402	115.32	ng	0.00
23) Nitrobenzene-d5	7.29	82	1277322	99.45	ng	0.00
42) 2,4,6-Tribromophenol	10.56	330	571844	130.21	ng	0.00
45) 2-Fluorobiphenyl	9.09	172	2393250	94.73	ng	0.00
79) Terphenyl-d14	12.85	244	2839636	83.98	ng	0.00
Target Compounds						
77) Benzidine	12.59	184	700296	36.411	ng	Qvalue 96

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

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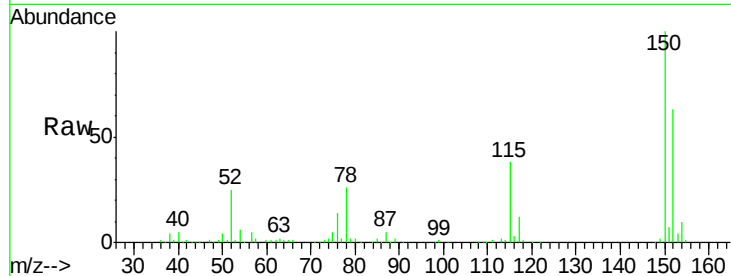


#1

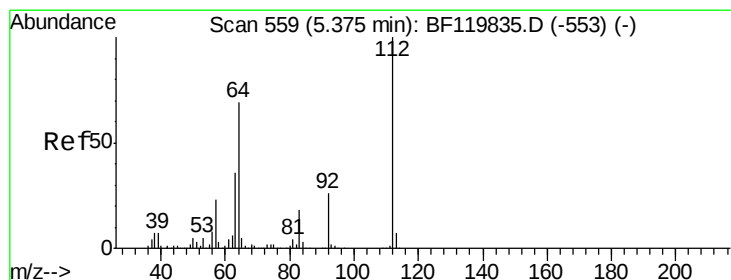
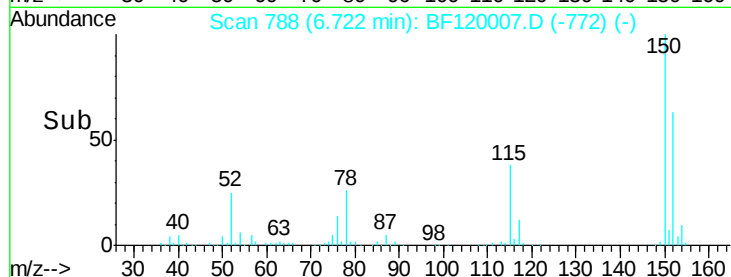
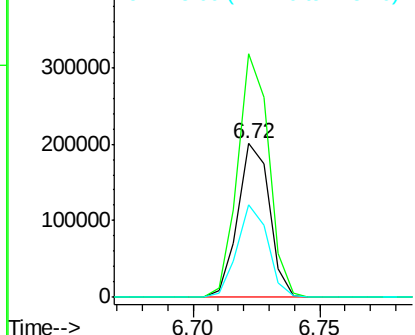
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 788
Delta R.T. -0.01 min
Lab File: BF120007.D
Acq: 15 Apr 2020 22:21

Instrument :
BNA_F
ClientSampleId :
TP-42-41-COMP

Tot Ion:152 Resp: 174382
Ion Ratio Lower Upper
152 100
150 158.7 124.8 187.2
115 60.5 46.5 69.7



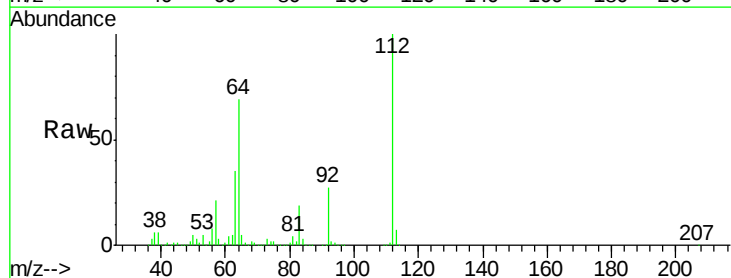
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



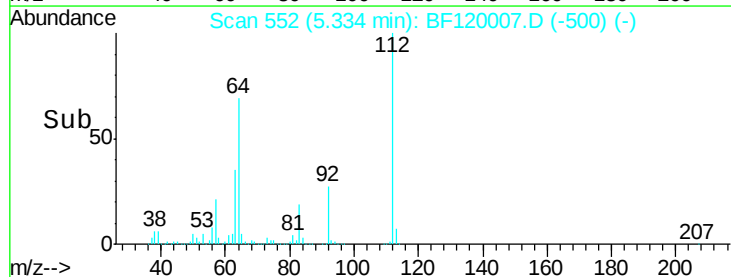
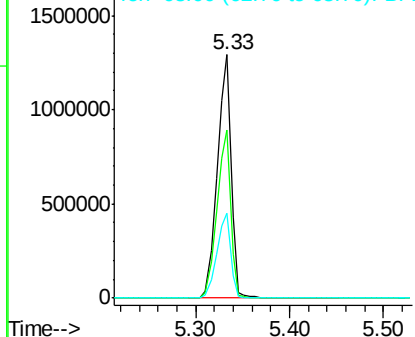
#5

2-Fluorophenol
Concen: 132.513 ng
RT: 5.33 min Scan# 552
Delta R.T. 0.01 min
Lab File: BF120007.D
Acq: 15 Apr 2020 22:21

Tgt Ion:112 Resp: 1337123
Ion Ratio Lower Upper
112 100
64 68.9 55.5 83.3
63 34.8 29.1 43.7



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: 115.320 ng

RT: 6.36 min Scan# 727

Delta R.T. -0.01 min

Lab File: BF120007.D

Acq: 15 Apr 2020 22:21

Instrument :

BNA_F

ClientSampleId :

TP-42-41-COMP

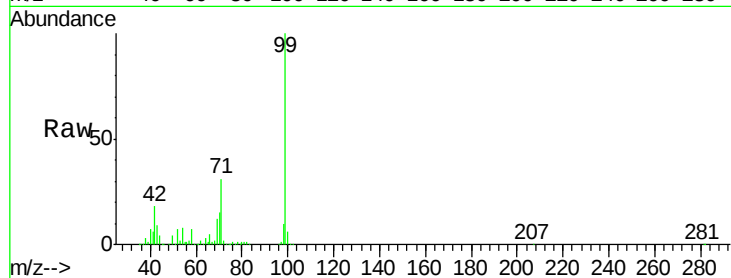
Tot Ion: 99 Resp: 1499402

Ion Ratio Lower Upper

99 100

42 17.9 16.9 25.3

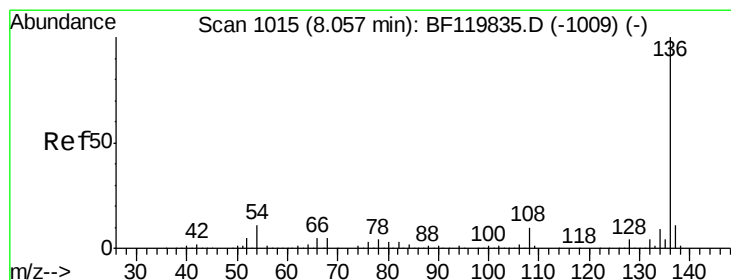
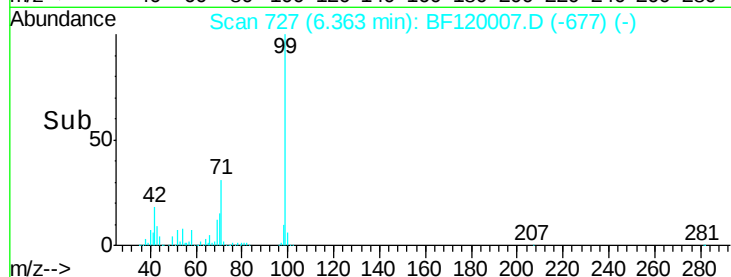
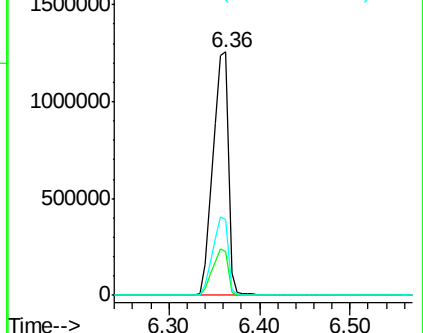
71 31.0 26.3 39.5



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: 8.01 min Scan# 1007

Delta R.T. -0.01 min

Lab File: BF120007.D

Acq: 15 Apr 2020 22:21

Tgt Ion: 136 Resp: 664446

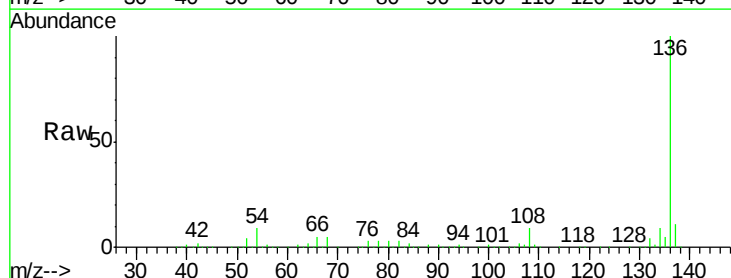
Ion Ratio Lower Upper

136 100

137 11.0 8.7 13.1

54 9.3 8.5 12.7

68 5.5 3.9 5.9

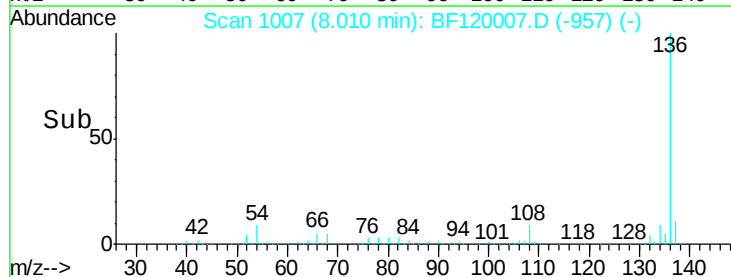
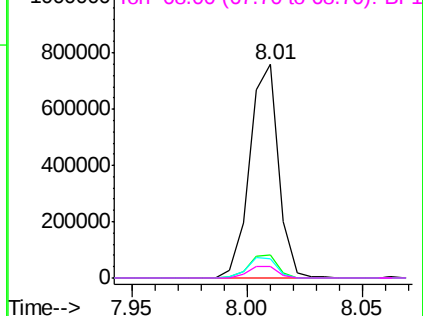


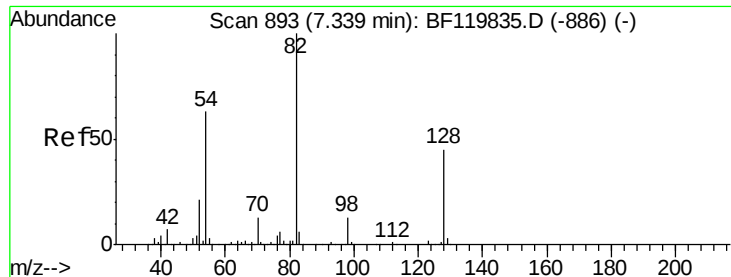
Abundance Ion 136.00 (135.70 to 136.70): E

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

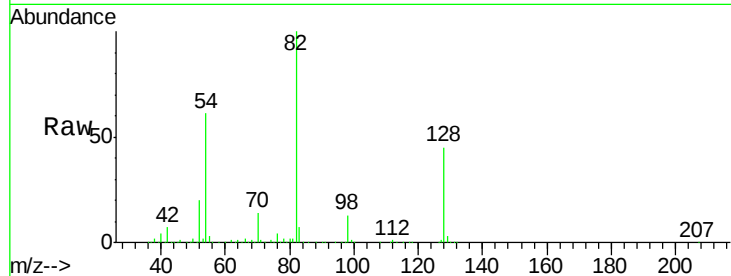




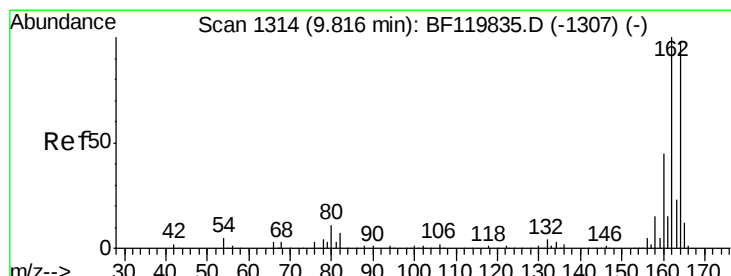
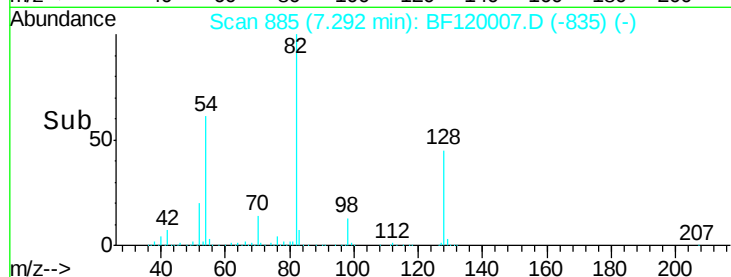
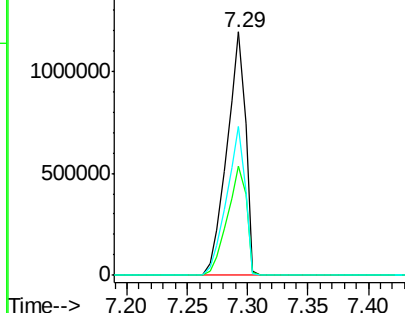
#23
 Nitrobenzene-d5
 Concen: 99.452 ng
 RT: 7.29 min Scan# 885
 Delta R.T. -0.01 min
 Lab File: BF120007.D
 Acq: 15 Apr 2020 22:21

Instrument :
 BNA_F
 ClientSampleId :
 TP-42-41-COMP

Tot Ion: 82 Resp: 1277322
 Ion Ratio Lower Upper
 82 100
 128 45.0 36.2 54.4
 54 61.1 50.4 75.6

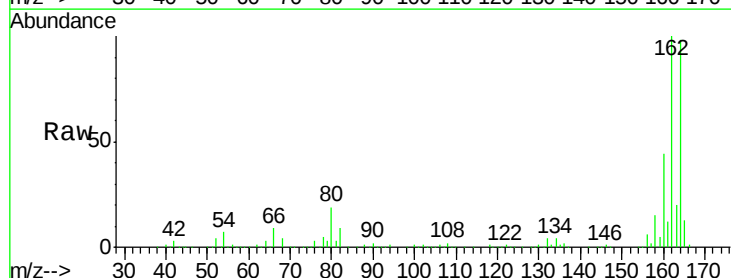


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

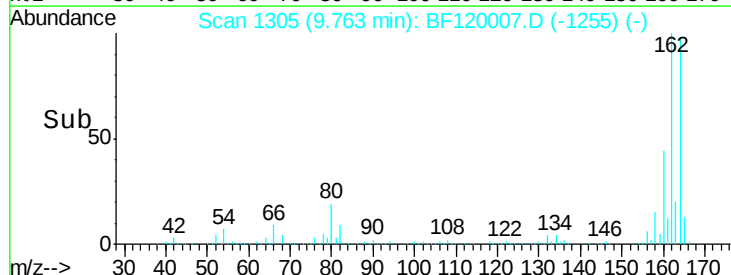
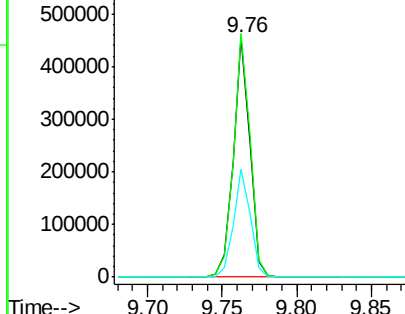


#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.76 min Scan# 1305
 Delta R.T. -0.01 min
 Lab File: BF120007.D
 Acq: 15 Apr 2020 22:21

Tgt Ion:164 Resp: 358690
 Ion Ratio Lower Upper
 164 100
 162 101.6 81.9 122.9
 160 44.9 36.6 54.8



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

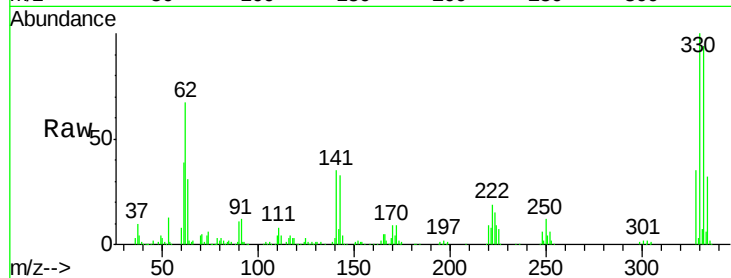




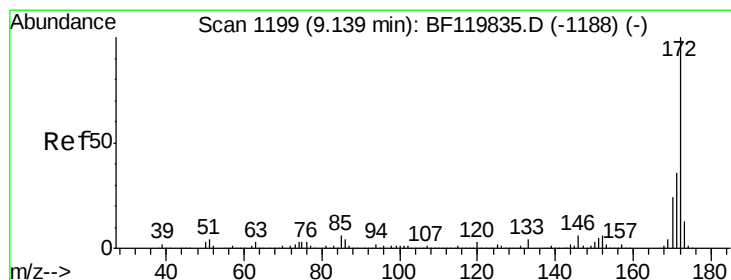
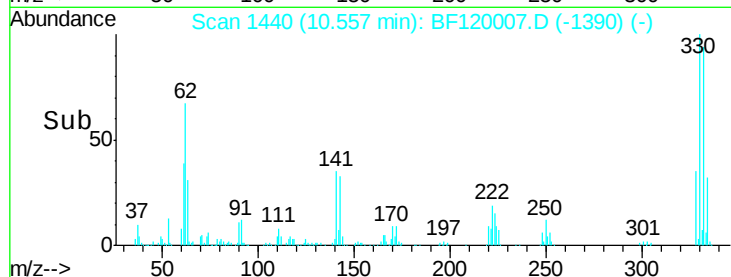
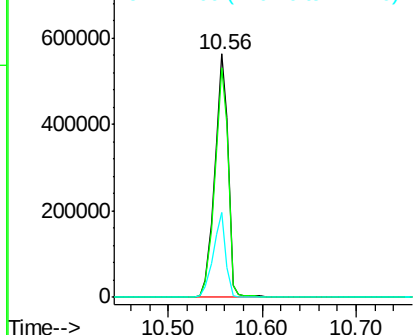
#42
 2,4,6-Tribromophenol
 Concen: 130.214 ng
 RT: 10.56 min Scan# 1440
 Delta R.T. -0.01 min
 Lab File: BF120007.D
 Acq: 15 Apr 2020 22:21

Instrument :
 BNA_F
 ClientSampleId :
 TP-42-41-COMP

Tot Ion:330 Resp: 571844
 Ion Ratio Lower Upper
 330 100
 332 94.4 76.8 115.2
 141 33.0 25.1 37.7

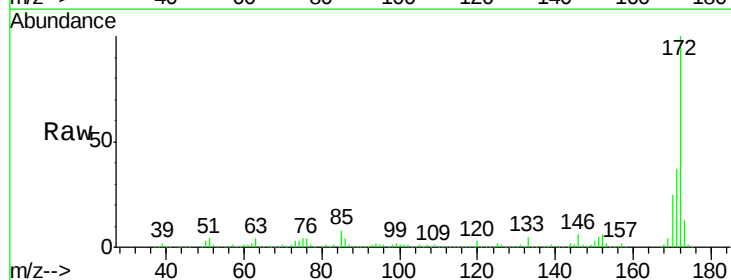


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

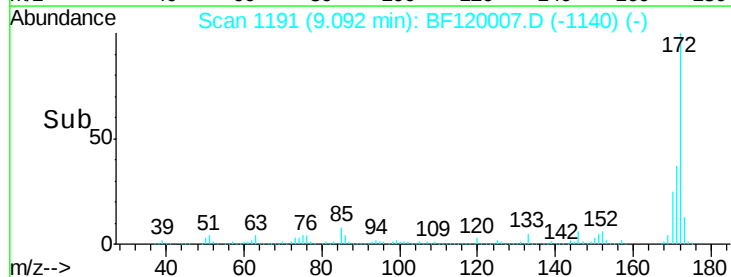
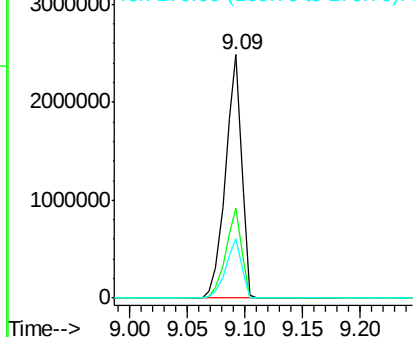


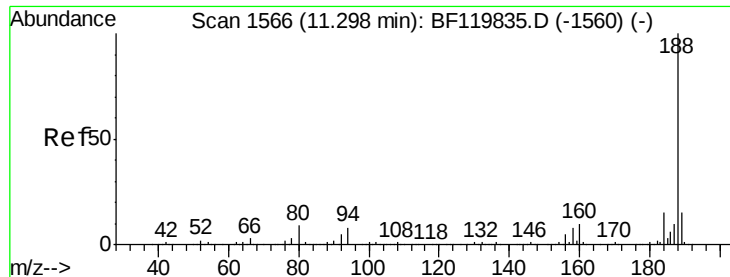
#45
 2-Fluorobiphenyl
 Concen: 94.731 ng
 RT: 9.09 min Scan# 1191
 Delta R.T. -0.00 min
 Lab File: BF120007.D
 Acq: 15 Apr 2020 22:21

Tgt Ion:172 Resp: 2393250
 Ion Ratio Lower Upper
 172 100
 171 36.8 28.9 43.3
 170 24.6 19.4 29.2



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

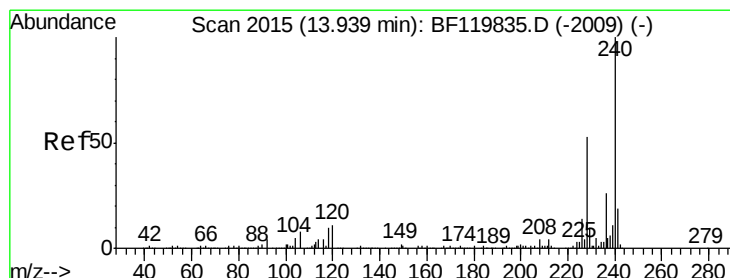
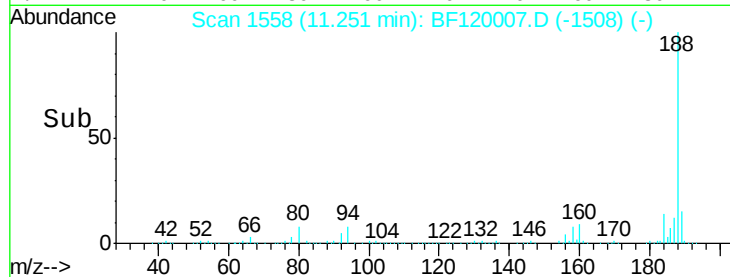
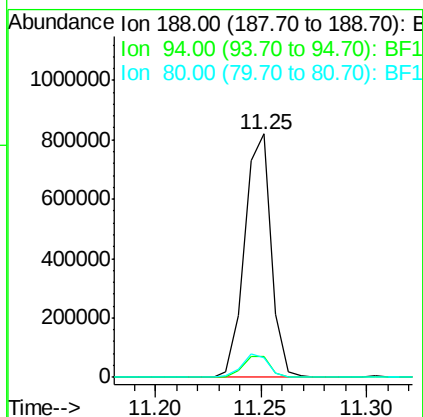
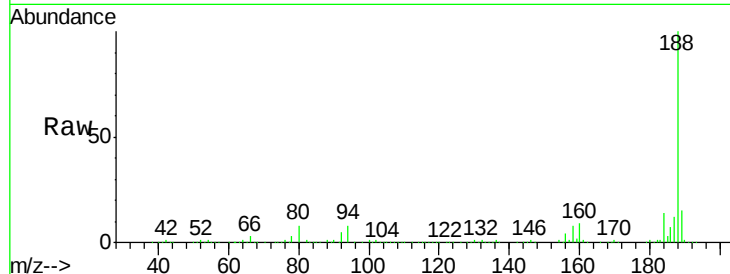




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.25 min Scan# 1558
Delta R.T. -0.01 min
Lab File: BF120007.D
Acq: 15 Apr 2020 22:21

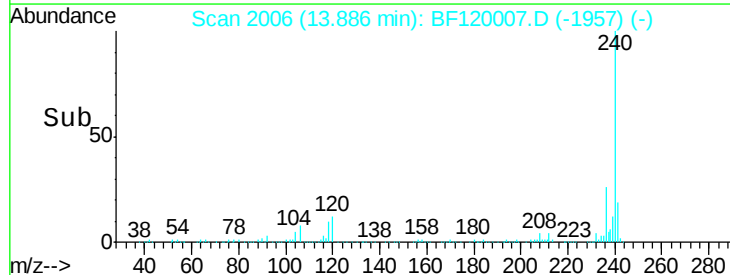
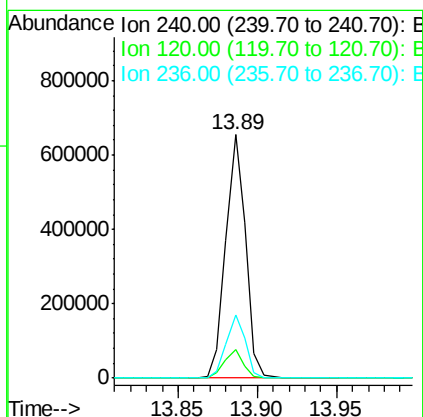
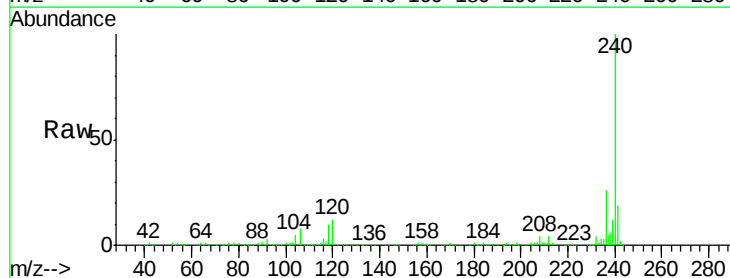
Instrument :
BNA_F
ClientSampleId :
TP-42-41-COMP

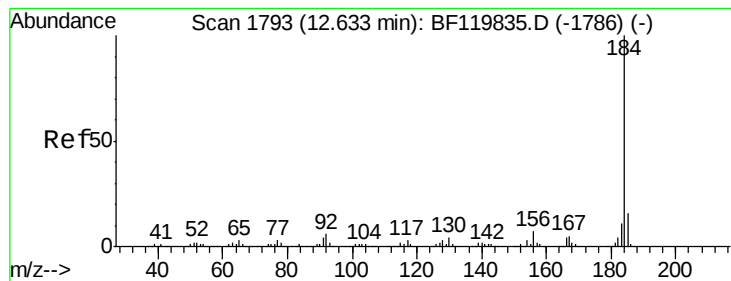
Tot Ion:188 Resp: 713161
Ion Ratio Lower Upper
188 100
94 8.3 6.7 10.1
80 8.2 7.4 11.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.89 min Scan# 2006
Delta R.T. -0.01 min
Lab File: BF120007.D
Acq: 15 Apr 2020 22:21

Tgt Ion:240 Resp: 568982
Ion Ratio Lower Upper
240 100
120 11.8 9.0 13.6
236 25.9 20.7 31.1





#77

Benzidine

Concen: 36.411 ng

RT: 12.59 min Scan# 1785

Delta R.T. -0.01 min

Lab File: BF120007.D

Acq: 15 Apr 2020 22:21

Instrument :

BNA_F

ClientSampleId :

TP-42-41-COMP

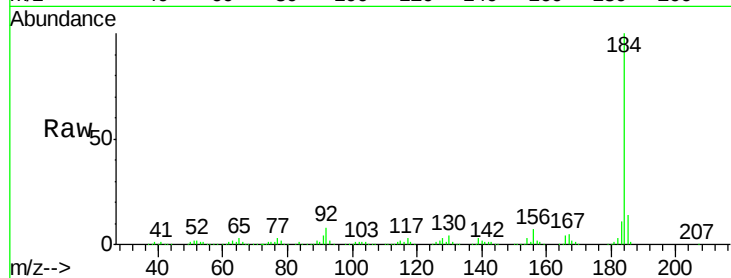
Tot Ion:184 Resp: 700296

Ion	Ratio	Lower	Upper
184	100		
185	14.3	13.2	19.8
183	10.7	9.1	13.7

184 100

185 14.3 13.2 19.8

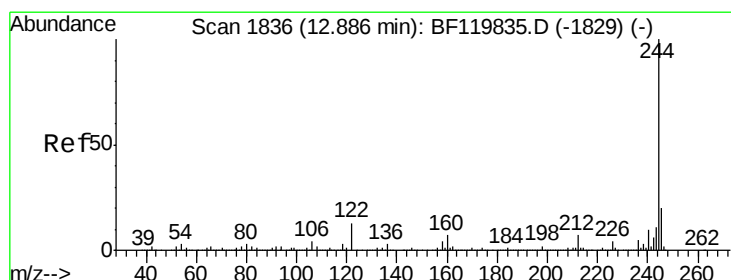
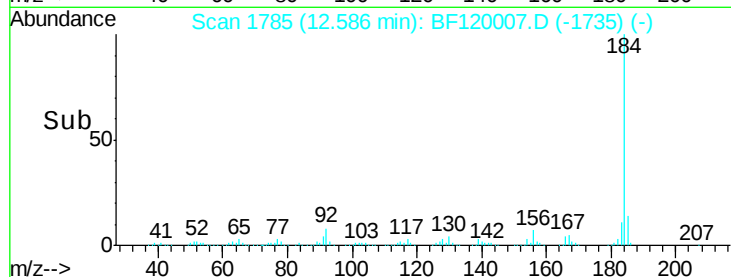
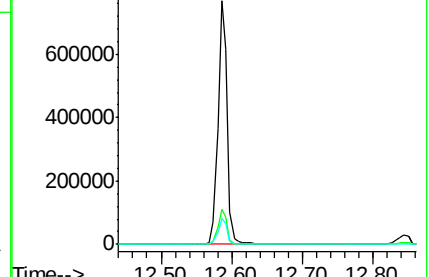
183 10.7 9.1 13.7



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#79

Terphenyl-d14

Concen: 83.977 ng

RT: 12.85 min Scan# 1830

Delta R.T. 0.01 min

Lab File: BF120007.D

Acq: 15 Apr 2020 22:21

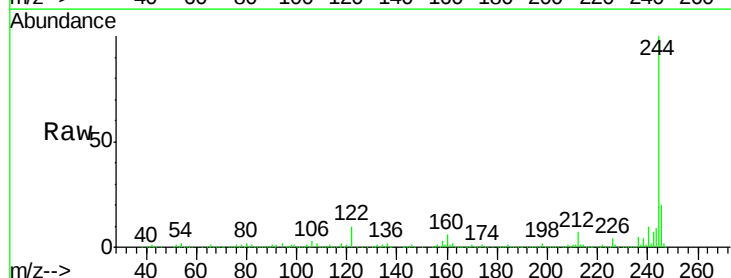
Tgt Ion:244 Resp: 2839636

Ion	Ratio	Lower	Upper
244	100		
212	6.6	5.4	8.0
122	10.2	10.3	15.5

244 100

212 6.6 5.4 8.0

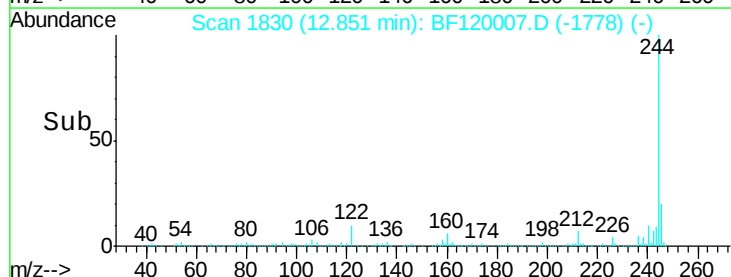
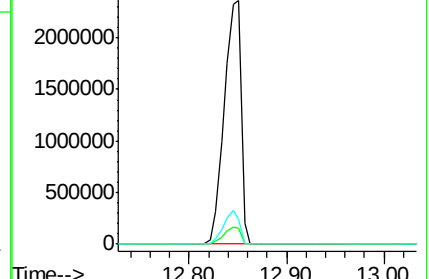
122 10.2 10.3 15.5#

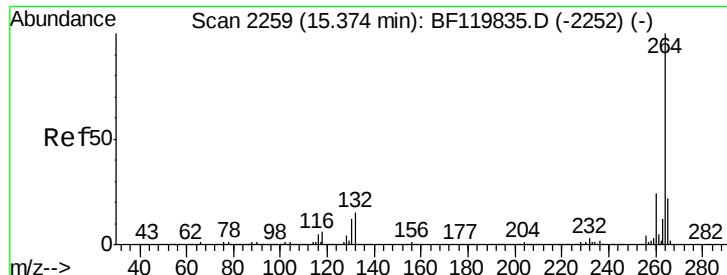


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.31 min Scan# 2248
Delta R.T. -0.00 min
Lab File: BF120007.D
Acq: 15 Apr 2020 22:21

Instrument :
BNA_F
ClientSampleId :
TP-42-41-COMP

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.3	28.9
265	21.4	17.6	26.4

