

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030520\
 Data File : BF119219.D
 Acq On : 5 Mar 2020 18:34
 Operator : CG/JU
 Sample : PB127191BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB127191BL

Quant Time: Mar 06 07:03:04 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 26 16:03:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	138191	20.00	ng	-0.02
21) Naphthalene-d8	8.00	136	529060	20.00	ng	-0.03
39) Acenaphthene-d10	9.76	164	299913	20.00	ng	-0.03
64) Phenanthrene-d10	11.24	188	564252	20.00	ng	-0.02
76) Chrysene-d12	13.88	240	352905	20.00	ng	-0.02
87) Perylene-d12	15.31	264	282078	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	1014733	122.71	ng	0.00
7) Phenol-d6	6.38	99	1236666	122.97	ng	-0.02
23) Nitrobenzene-d5	7.29	82	827508	82.59	ng	-0.03
42) 2,4,6-Tribromophenol	10.55	330	471556	120.19	ng	-0.02
45) 2-Fluorobiphenyl	9.08	172	1671341	82.10	ng	-0.03
79) Terphenyl-d14	12.83	244	2092104	102.06	ng	-0.02

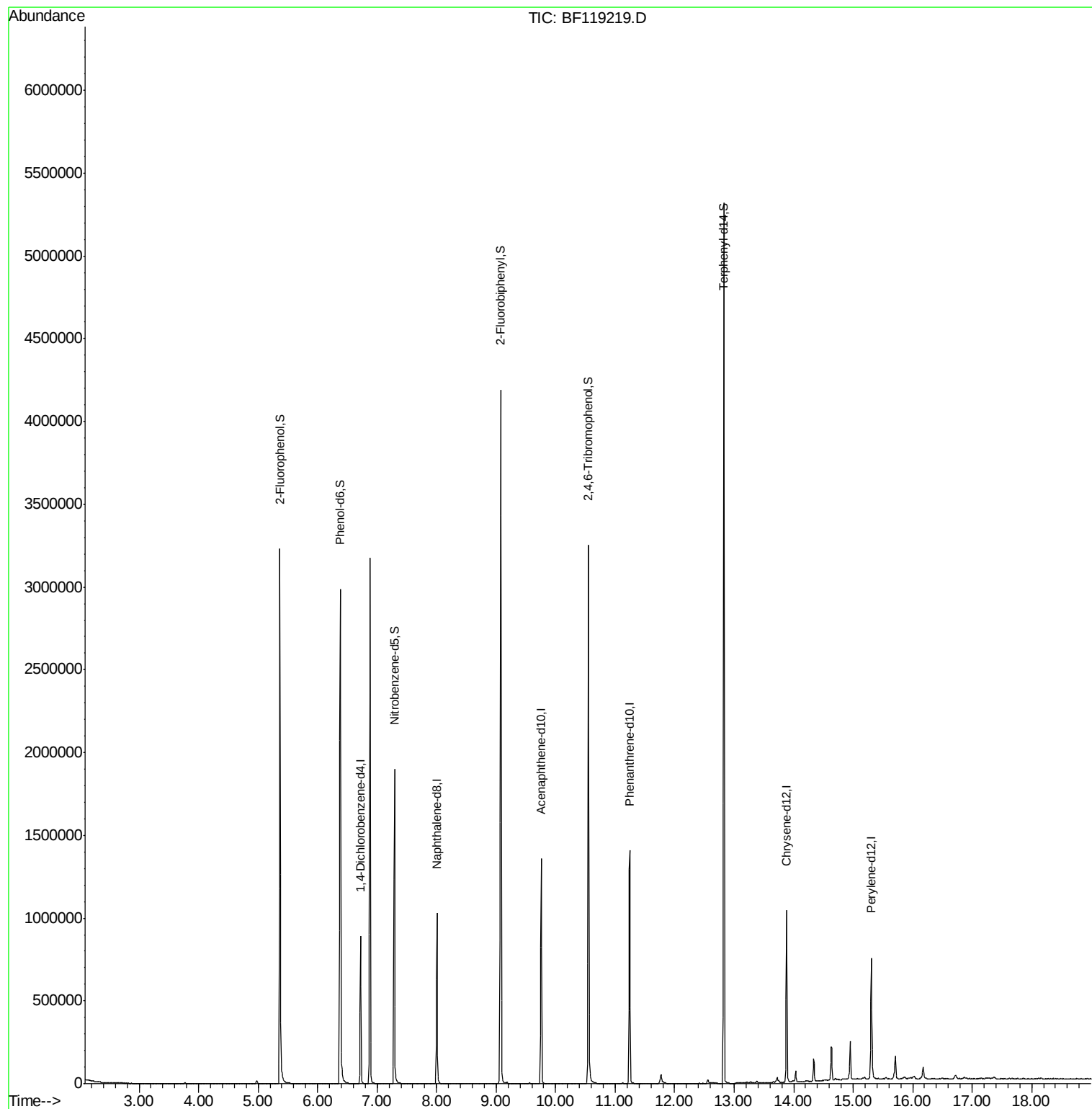
Target Compounds Qvalue

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

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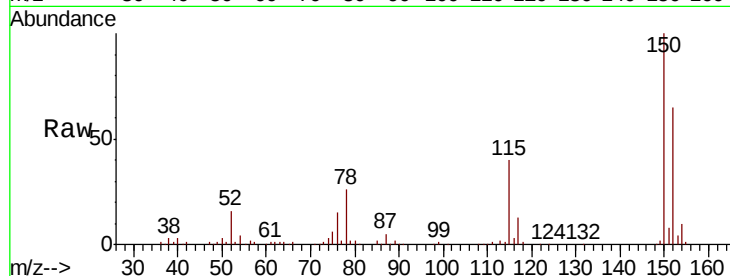


#1

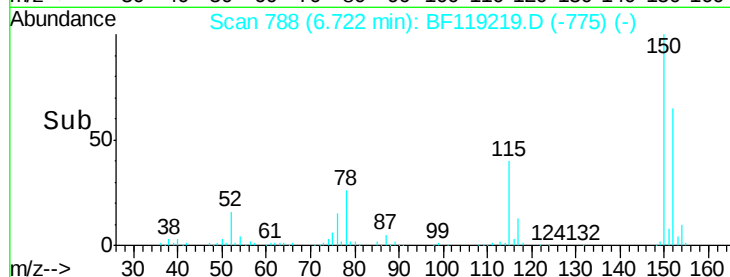
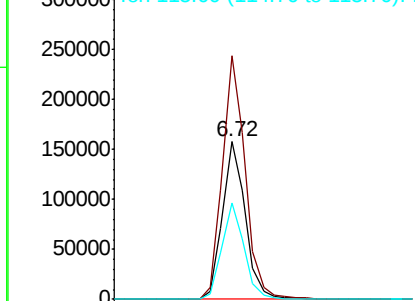
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 788
Delta R.T. -0.02 min
Lab File: BF119219.D
Acq: 5 Mar 2020 18:34

Instrument :
BNA_F
ClientSampleId :
PB127191BL

Tot Ion:152 Resp: 138191
Ion Ratio Lower Upper
152 100
150 154.7 123.0 184.6
115 61.5 49.5 74.3



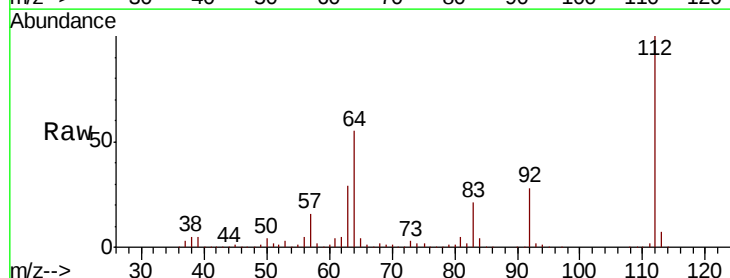
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



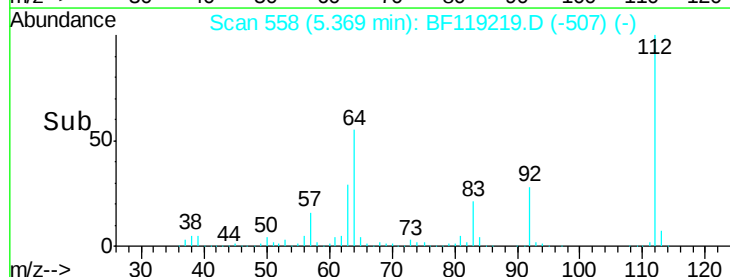
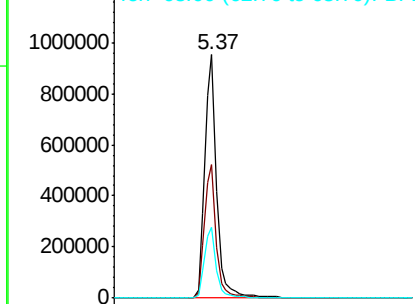
#5

2-Fluorophenol
Concen: 122.714 ng
RT: 5.37 min Scan# 558
Delta R.T. -0.00 min
Lab File: BF119219.D
Acq: 5 Mar 2020 18:34

Tgt Ion:112 Resp: 1014733
Ion Ratio Lower Upper
112 100
64 54.6 45.0 67.4
63 29.1 24.2 36.4



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: 122.969 ng

RT: 6.38 min Scan# 730

Delta R.T. -0.02 min

Lab File: BF119219.D

Acq: 5 Mar 2020 18:34

Instrument :

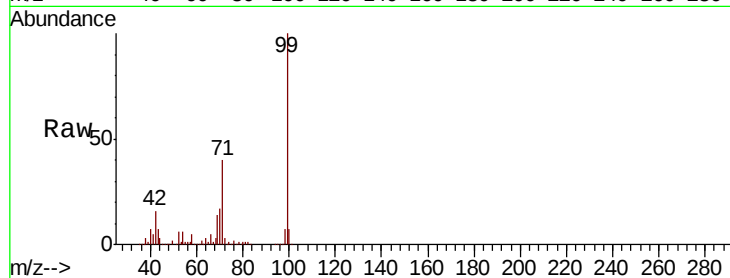
BNA_F

ClientSampleId :

PB127191BL

Tot Ion: 99 Resp: 1236666

Ion	Ratio	Lower	Upper
99	100		
42	15.7	12.6	18.8
71	39.8	31.0	46.4

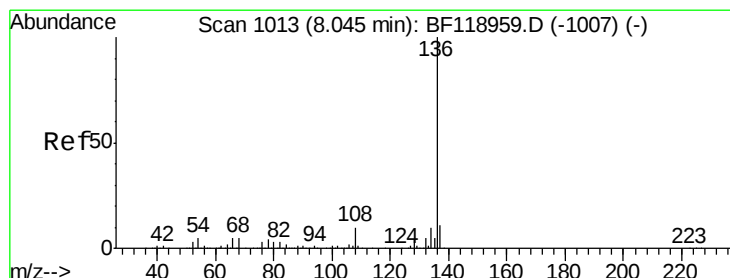
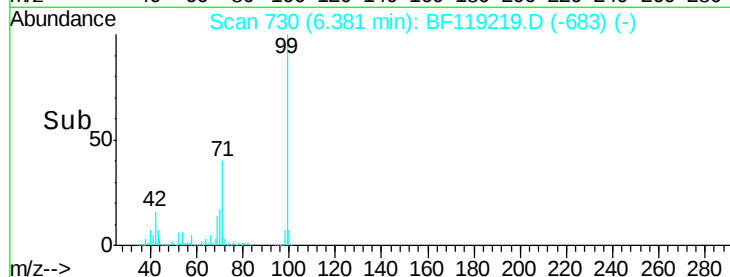


Abundance

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: 8.00 min Scan# 1006

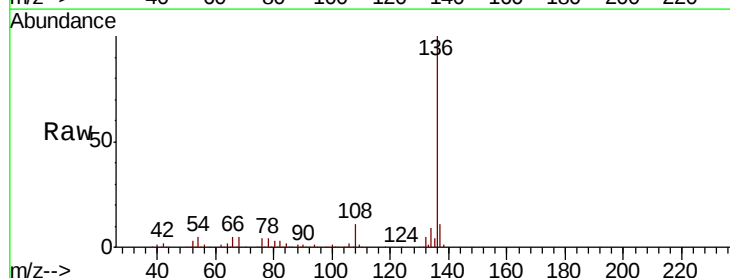
Delta R.T. -0.03 min

Lab File: BF119219.D

Acq: 5 Mar 2020 18:34

Tgt Ion: 136 Resp: 529060

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.8	13.2
54	4.9	3.8	5.6
68	5.4	3.9	5.9



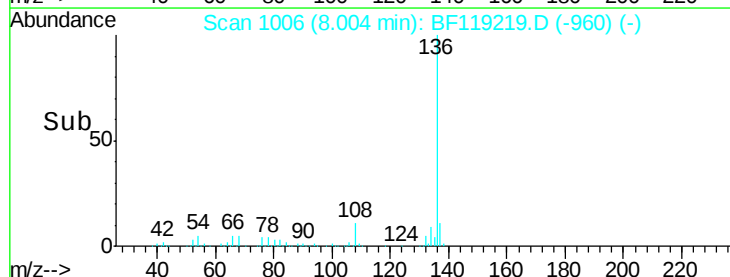
Abundance

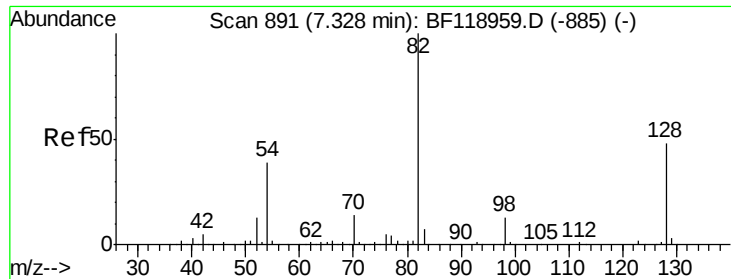
Ion 136.00 (135.70 to 136.70): E

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

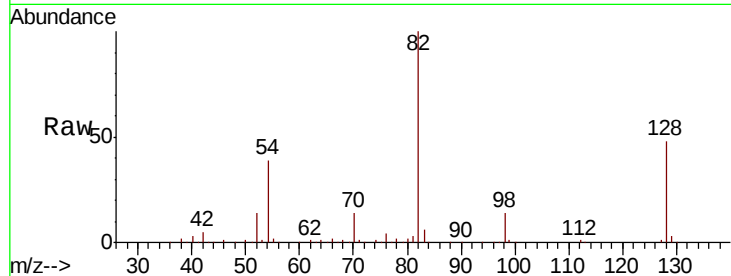




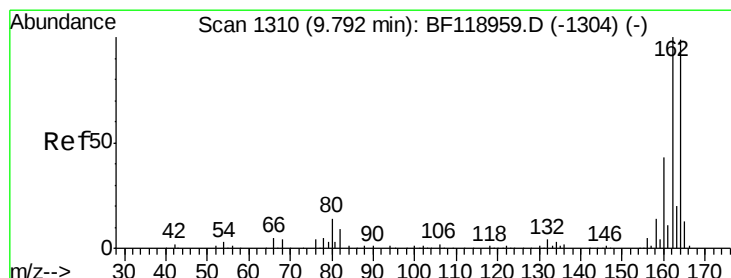
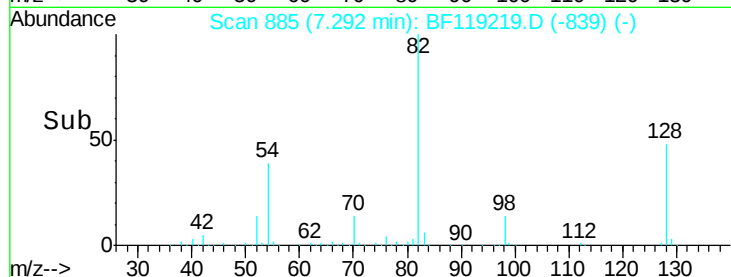
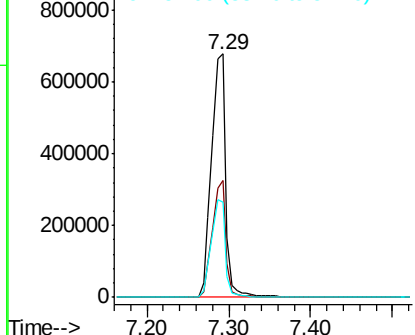
#23
 Nitrobenzene-d5
 Concen: 82.585 ng
 RT: 7.29 min Scan# 885
 Delta R.T. -0.03 min
 Lab File: BF119219.D
 Acq: 5 Mar 2020 18:34

Instrument :
 BNA_F
 ClientSampleId :
 PB127191BL

Tot Ion	82	Resp	827508
Ion Ratio	100		
Lower	37.9		
Upper	56.9		
128	47.9		
54	39.2		

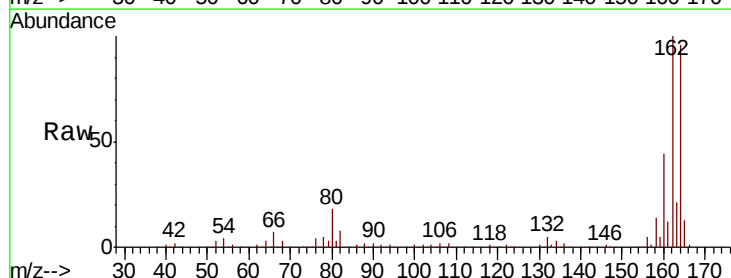


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF1

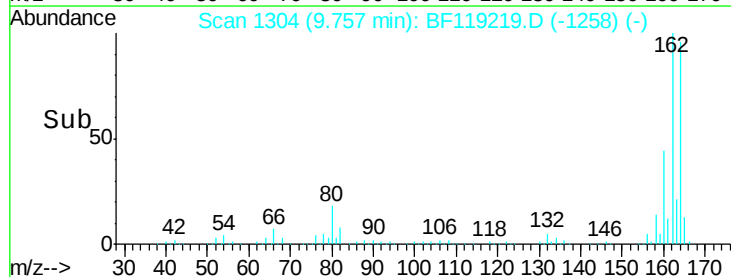
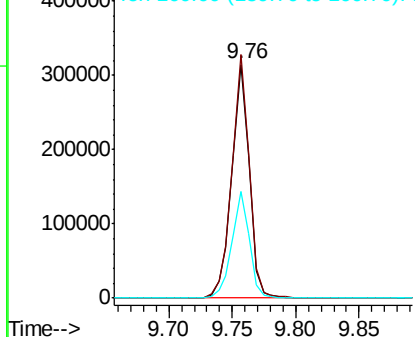


#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.76 min Scan# 1304
 Delta R.T. -0.03 min
 Lab File: BF119219.D
 Acq: 5 Mar 2020 18:34

Tgt Ion	164	Resp	299913
Ion Ratio <td>100</td> <td></td> <td></td>	100		
Lower	81.8		
Upper	122.8		
162	104.2		
160	45.5		



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

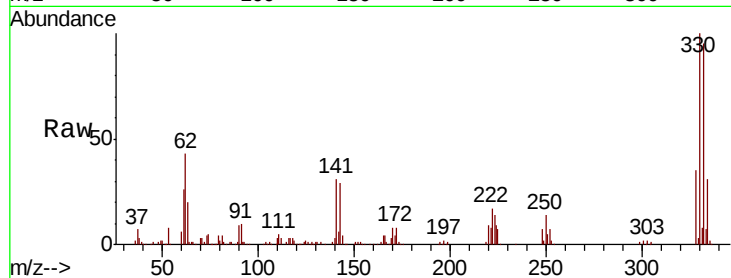




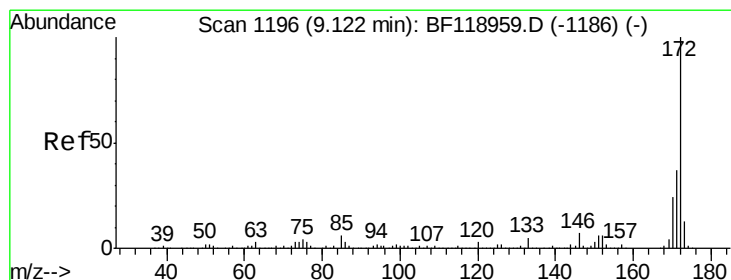
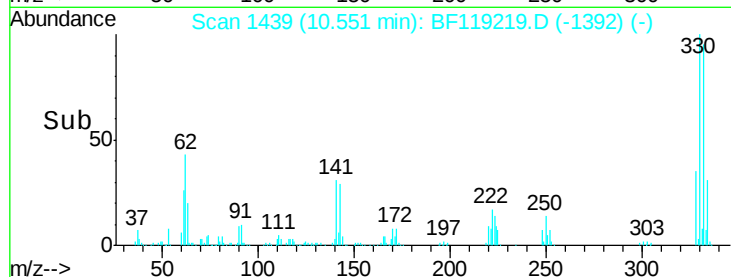
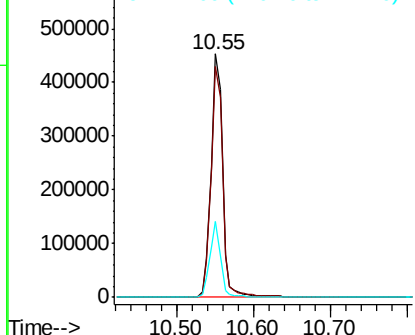
#42
 2,4,6-Tribromophenol
 Concen: 120.192 ng
 RT: 10.55 min Scan# 1439
 Delta R.T. -0.02 min
 Lab File: BF119219.D
 Acq: 5 Mar 2020 18:34

Instrument :
 BNA_F
 ClientSampleId :
 PB127191BL

Tot Ion:330 Resp: 471556
 Ion Ratio Lower Upper
 330 100
 332 96.0 76.0 114.0
 141 29.4 22.9 34.3

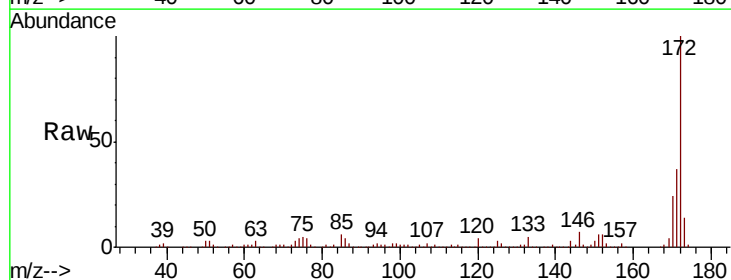


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

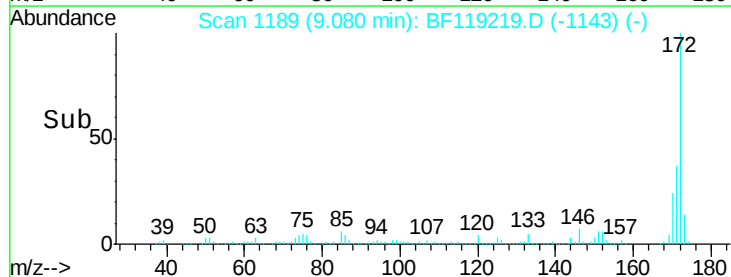
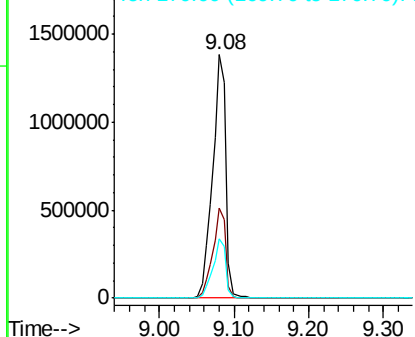


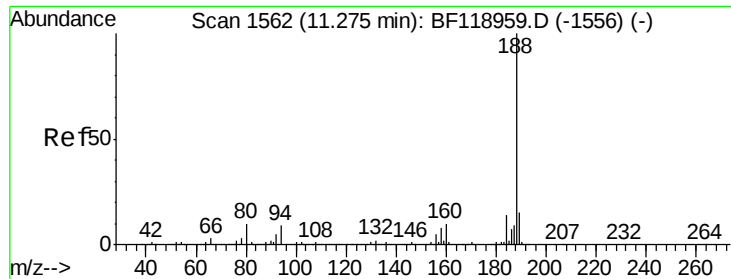
#45
 2-Fluorobiphenyl
 Concen: 82.096 ng
 RT: 9.08 min Scan# 1189
 Delta R.T. -0.03 min
 Lab File: BF119219.D
 Acq: 5 Mar 2020 18:34

Tgt Ion:172 Resp: 1671341
 Ion Ratio Lower Upper
 172 100
 171 37.0 30.6 45.8
 170 24.4 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: 11.24 min Scan# 1557

Delta R.T. -0.02 min

Lab File: BF119219.D

Acq: 5 Mar 2020 18:34

Instrument :

BNA_F

ClientSampleId :

PB127191BL

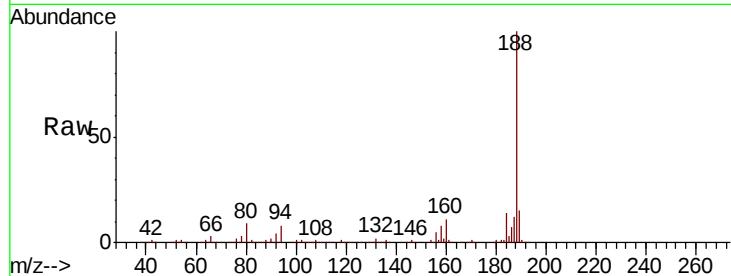
Tot Ion:188 Resp: 564252

Ion Ratio Lower Upper

188 100

94 7.7 7.1 10.7

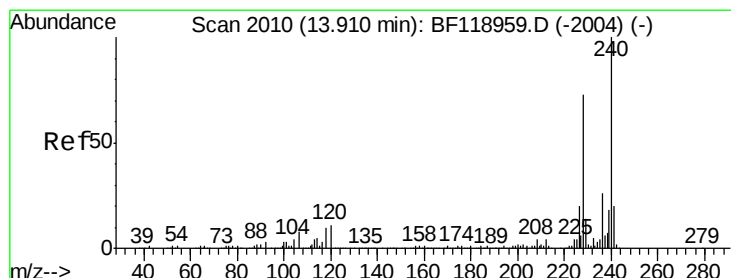
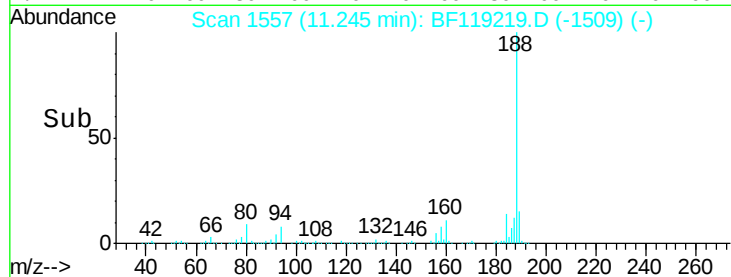
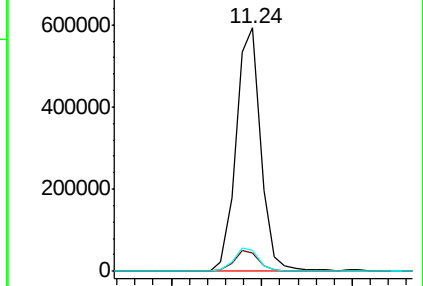
80 8.7 7.8 11.8



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: 13.88 min Scan# 2005

Delta R.T. -0.02 min

Lab File: BF119219.D

Acq: 5 Mar 2020 18:34

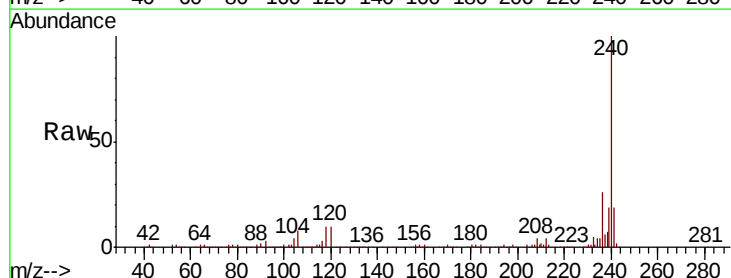
Tgt Ion:240 Resp: 352905

Ion Ratio Lower Upper

240 100

120 10.2 8.4 12.6

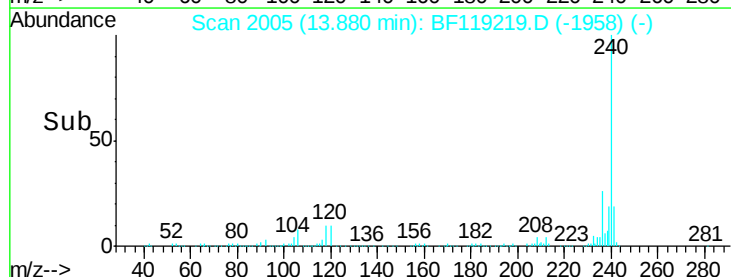
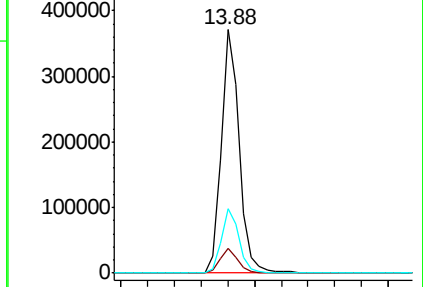
236 26.4 21.0 31.4

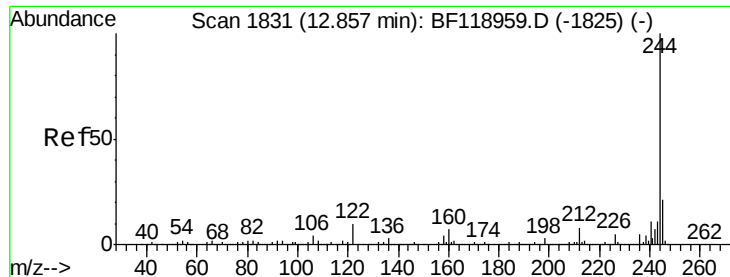


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

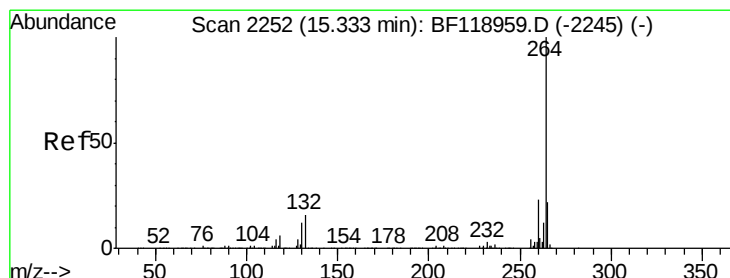
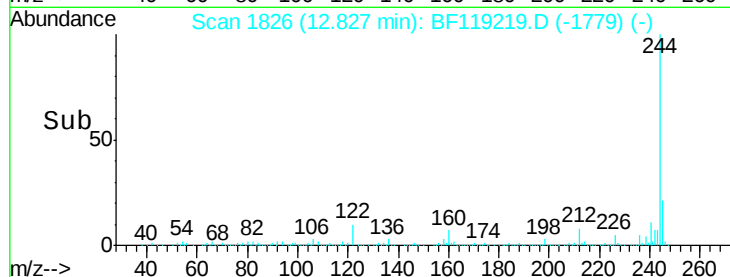
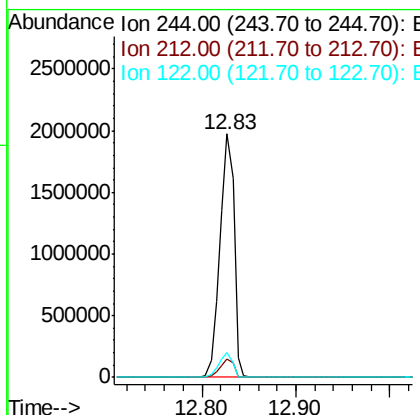
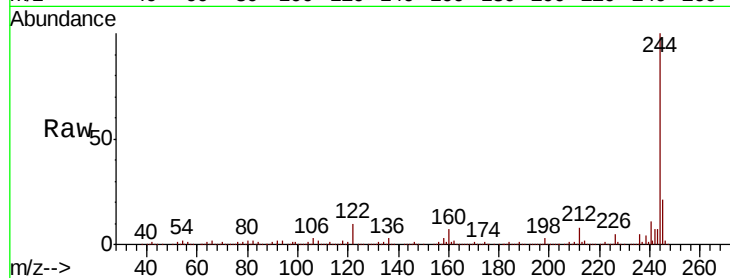




#79
 Terphenyl-d14
 Concen: 102.065 ng
 RT: 12.83 min Scan# 1826
 Delta R.T. -0.02 min
 Lab File: BF119219.D
 Acq: 5 Mar 2020 18:34

Instrument :
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 ClientSampleID :
 PB127191BL

Tot Ion:244 Resp: 2092104
 Ion Ratio Lower Upper
 244 100
 212 7.5 6.6 10.0
 122 10.4 8.2 12.2



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.31 min Scan# 2248
 Delta R.T. -0.01 min
 Lab File: BF119219.D
 Acq: 5 Mar 2020 18:34

Tgt Ion:264 Resp: 282078
 Ion Ratio Lower Upper
 264 100
 260 23.1 19.4 29.2
 265 21.4 17.7 26.5

