

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030520\
 Data File : BF119221.D
 Acq On : 5 Mar 2020 19:34
 Operator : CG/JU
 Sample : PB127192BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB127192BL

Quant Time: Mar 06 07:07:57 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	143336	20.00	ng	-0.02
21) Naphthalene-d8	8.00	136	551819	20.00	ng	-0.03
39) Acenaphthene-d10	9.76	164	311329	20.00	ng	-0.03
64) Phenanthrene-d10	11.25	188	584607	20.00	ng	-0.02
76) Chrysene-d12	13.88	240	358507	20.00	ng	-0.02
87) Perylene-d12	15.30	264	293813	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	683691	79.71	ng	-0.01
7) Phenol-d6	6.37	99	547312	52.47	ng	-0.03
23) Nitrobenzene-d5	7.29	82	888946	85.06	ng	-0.03
42) 2,4,6-Tribromophenol	10.56	330	525549	129.04	ng	-0.02
45) 2-Fluorobiphenyl	9.09	172	1725877	81.67	ng	-0.02
79) Terphenyl-d14	12.83	244	2182635	104.82	ng	-0.02

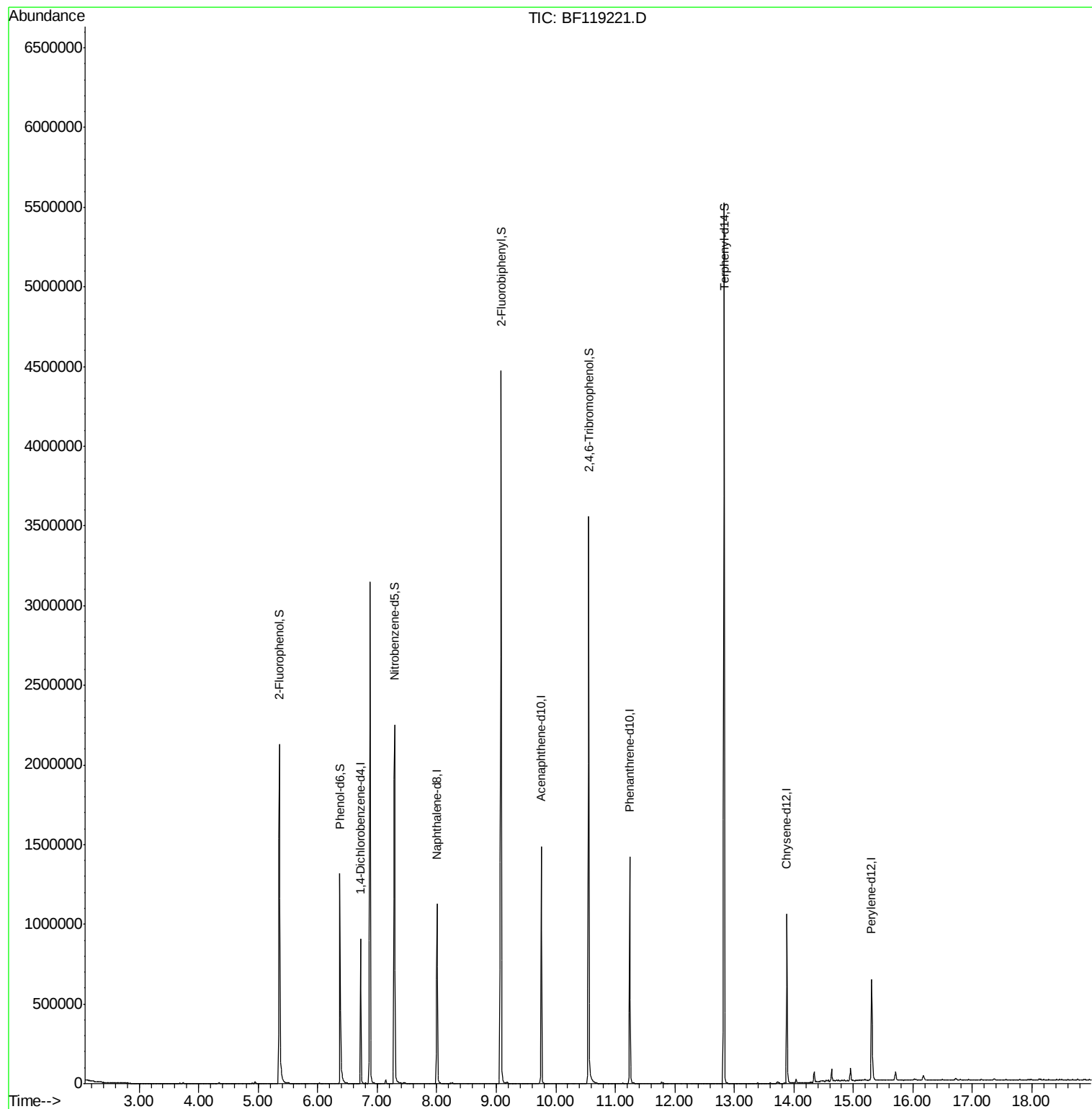
Target Compounds Qvalue

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

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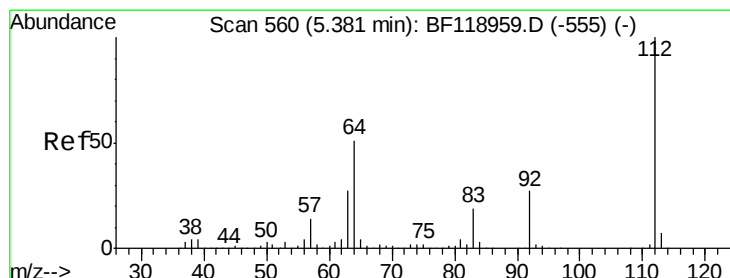
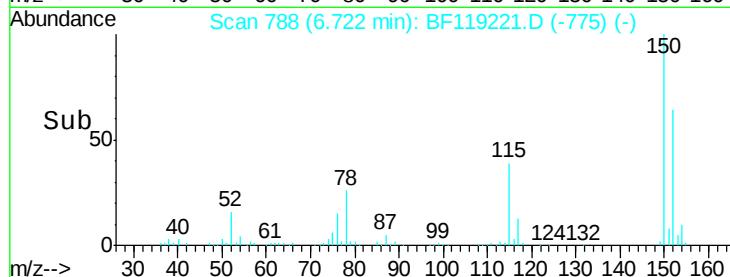
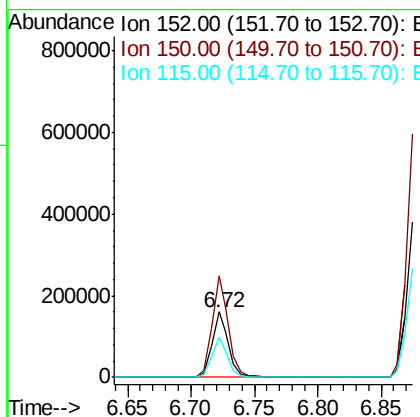
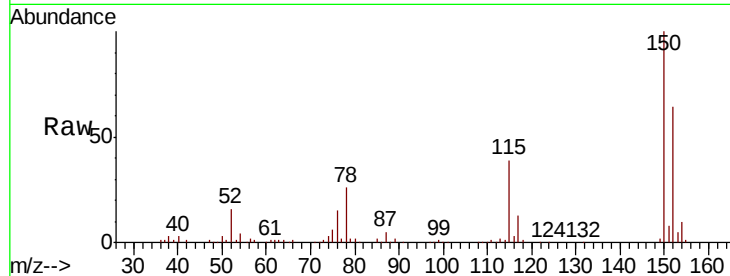


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 788
Delta R.T. -0.02 min
Lab File: BF119221.D
Acq: 5 Mar 2020 19:34

Instrument :
BNA_F
ClientSampleId :
PB127192BL

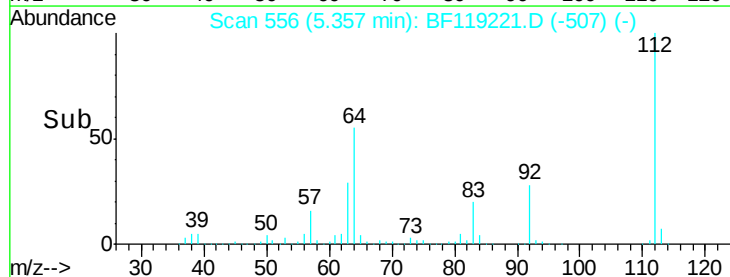
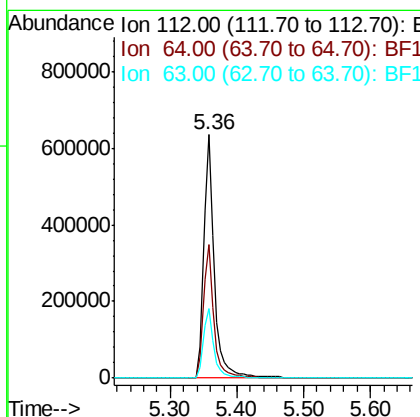
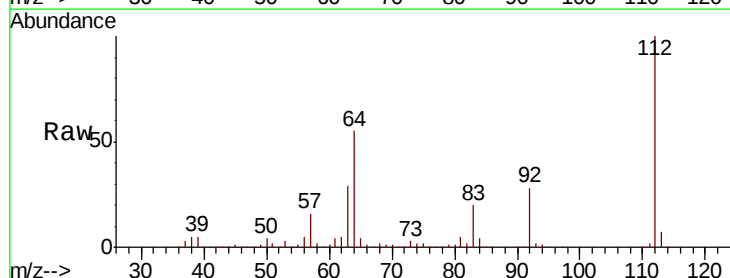
Tot Ion:152 Resp: 143336
Ion Ratio Lower Upper
152 100
150 156.3 123.0 184.6
115 60.8 49.5 74.3

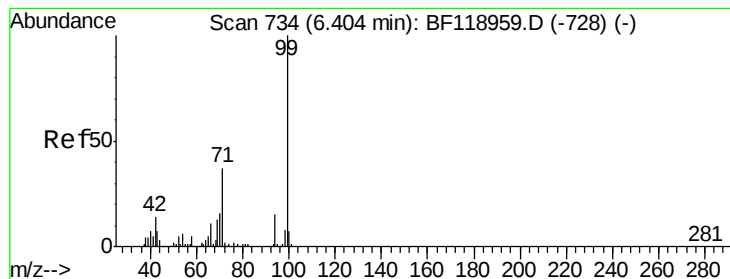


#5

2-Fluorophenol
Concen: 79.713 ng
RT: 5.36 min Scan# 556
Delta R.T. -0.01 min
Lab File: BF119221.D
Acq: 5 Mar 2020 19:34

Tgt Ion:112 Resp: 683691
Ion Ratio Lower Upper
112 100
64 55.0 45.0 67.4
63 28.8 24.2 36.4





#7

Phenol-d6

Concen: 52.469 ng

RT: 6.37 min Scan# 729

Delta R.T. -0.03 min

Lab File: BF119221.D

Acq: 5 Mar 2020 19:34

Instrument :

BNA_F

ClientSampleId :

PB127192BL

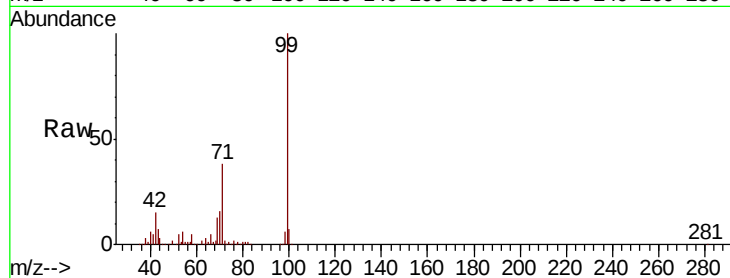
Tot Ion: 99 Resp: 547312

Ion Ratio Lower Upper

99 100

42 15.1 12.6 18.8

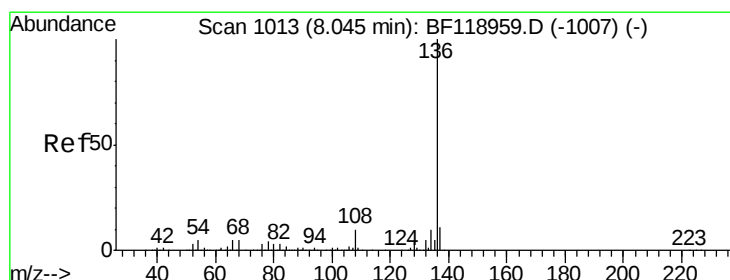
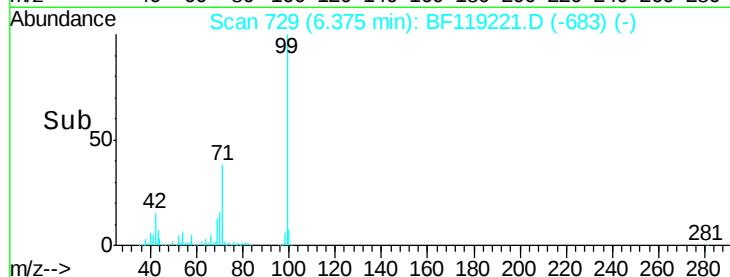
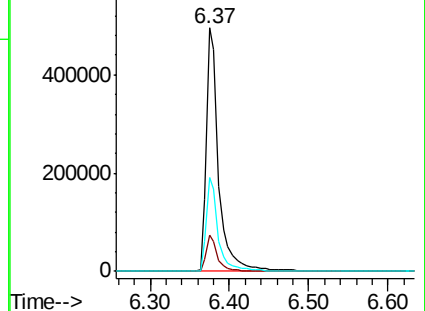
71 38.3 31.0 46.4



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: BF119221.D

Acq: 5 Mar 2020 19:34

Tgt Ion: 136 Resp: 551819

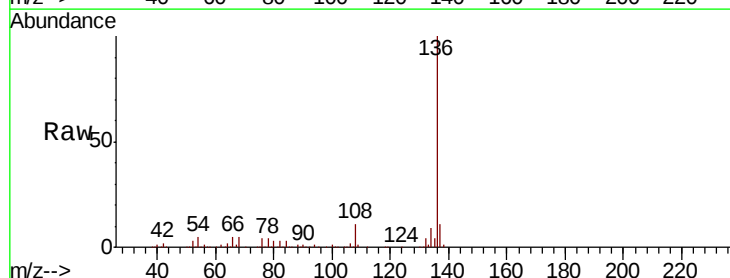
Ion Ratio Lower Upper

136 100

137 11.2 8.8 13.2

54 5.1 3.8 5.6

68 5.5 3.9 5.9

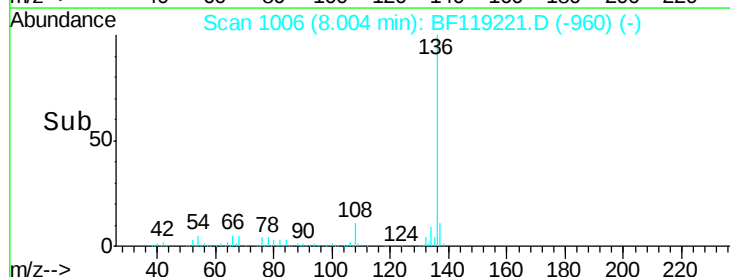
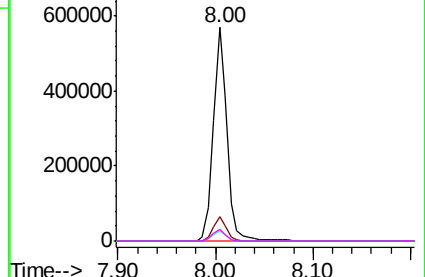


Abundance Ion 136.00 (135.70 to 136.70): E

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

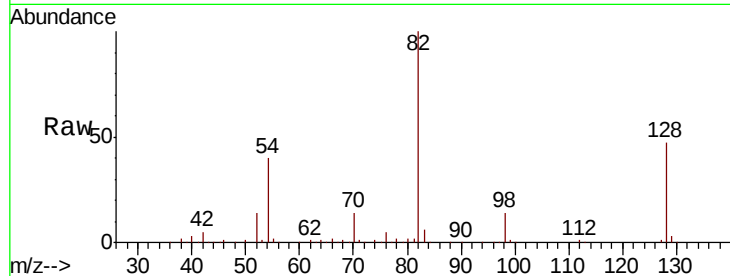




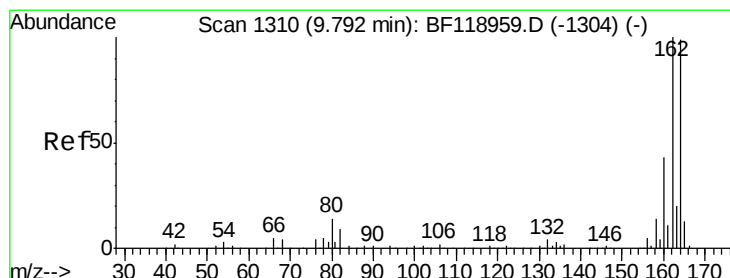
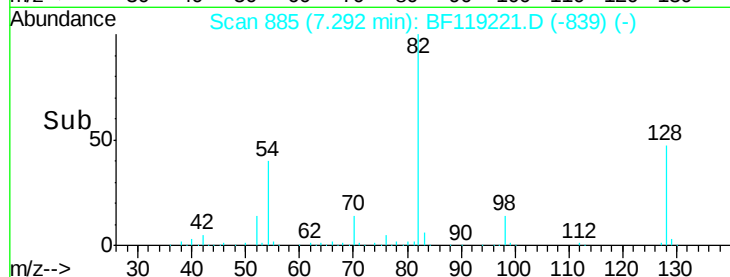
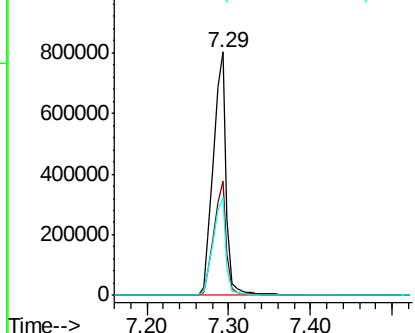
#23
 Nitrobenzene-d5
 Concen: 85.058 ng
 RT: 7.29 min Scan# 885
 Delta R.T. -0.03 min
 Lab File: BF119221.D
 Acq: 5 Mar 2020 19:34

Instrument :
 BNA_F
 ClientSampleId :
 PB127192BL

Tot Ion: 82 Resp: 888946
 Ion Ratio Lower Upper
 82 100
 128 46.7 37.9 56.9
 54 40.2 33.4 50.2

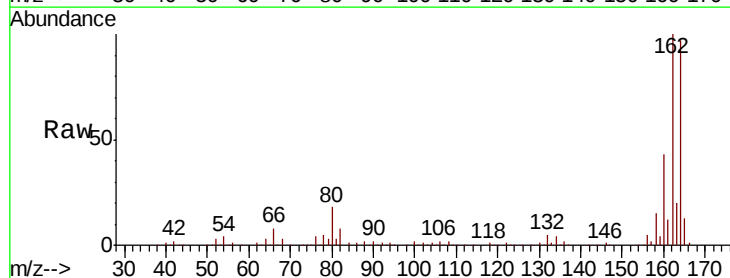


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

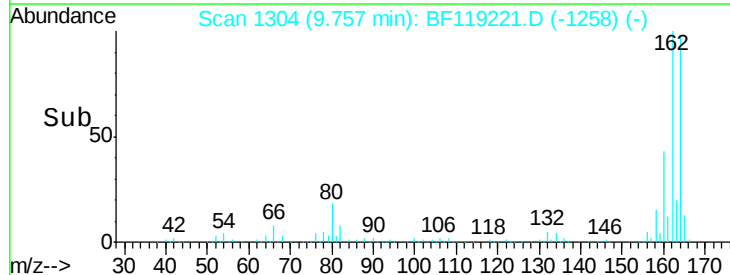
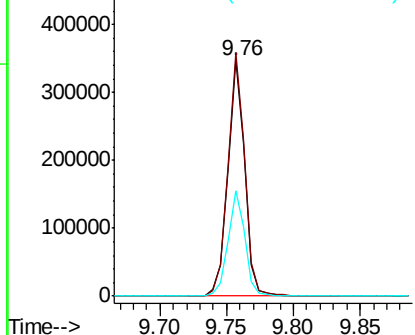


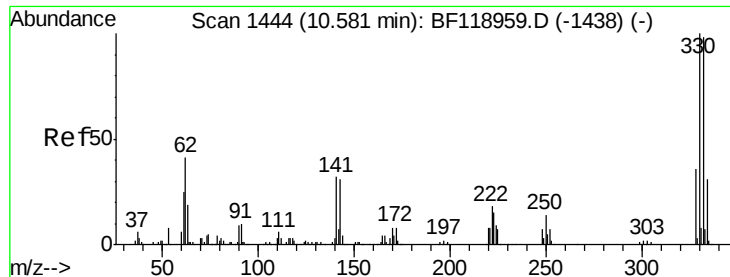
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.76 min Scan# 1304
 Delta R.T. -0.03 min
 Lab File: BF119221.D
 Acq: 5 Mar 2020 19:34

Tgt Ion: 164 Resp: 311329
 Ion Ratio Lower Upper
 164 100
 162 103.3 81.8 122.8
 160 44.6 36.0 54.0



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

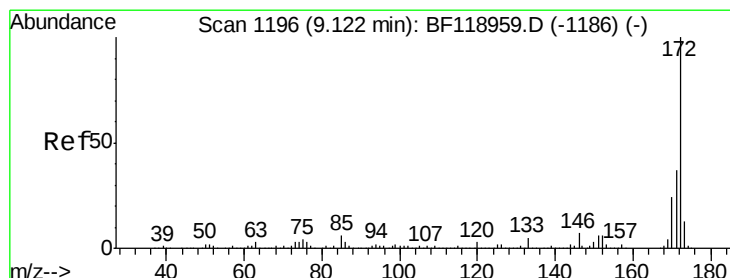
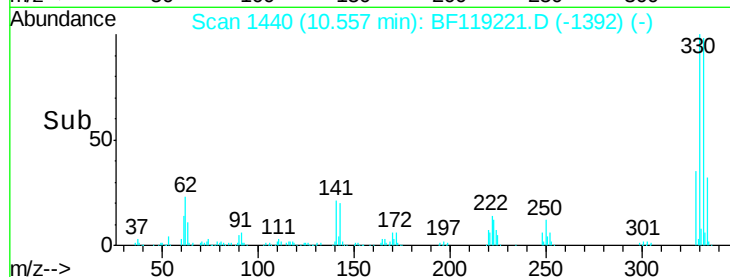
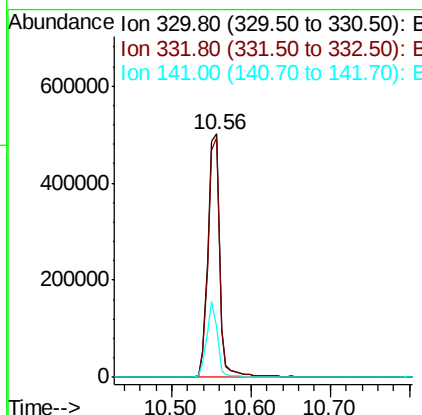
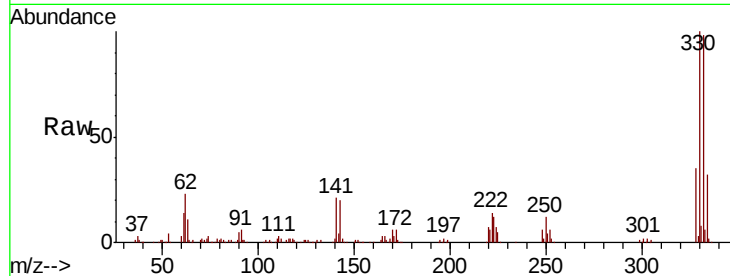




#42
 2,4,6-Tribromophenol
 Concen: 129.042 ng
 RT: 10.56 min Scan# 1440
 Delta R.T. -0.02 min
 Lab File: BF119221.D
 Acq: 5 Mar 2020 19:34

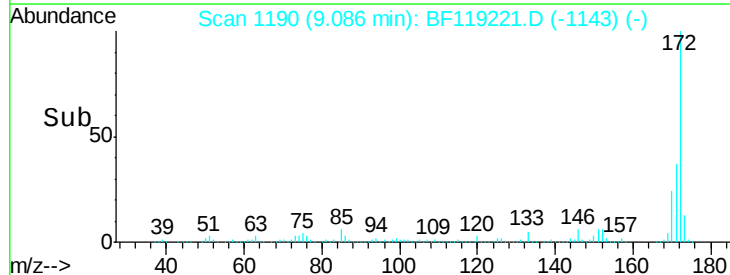
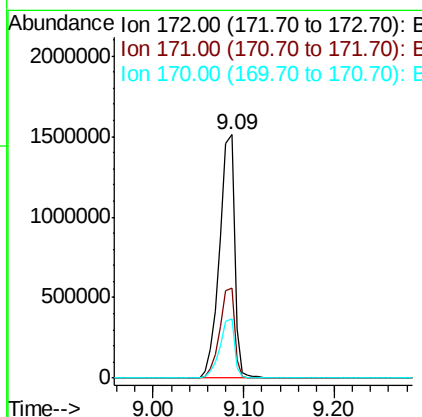
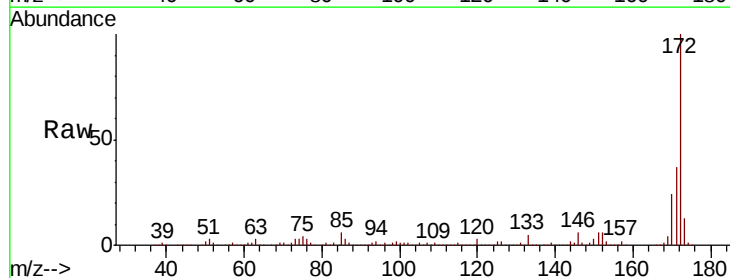
Instrument :
 BNA_F
 ClientSampleId :
 PB127192BL

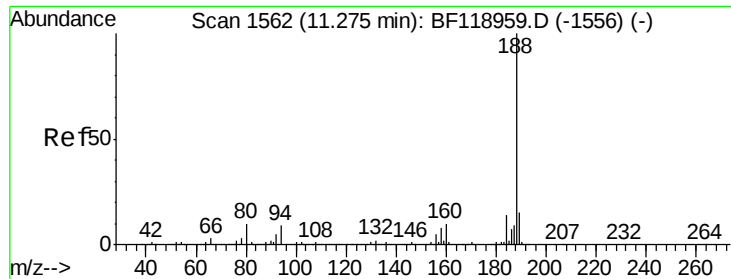
Tot Ion	Ratio	Lower	Upper
330	100		
332	97.0	76.0	114.0
141	28.9	22.9	34.3



#45
 2-Fluorobiphenyl
 Concen: 81.666 ng
 RT: 9.09 min Scan# 1190
 Delta R.T. -0.02 min
 Lab File: BF119221.D
 Acq: 5 Mar 2020 19:34

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.9	30.6	45.8
170	24.3	20.2	30.2





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.25 min Scan# 1557

Delta R.T. -0.02 min

Lab File: BF119221.D

Acq: 5 Mar 2020 19:34

Instrument :

BNA_F

ClientSampleId :

PB127192BL

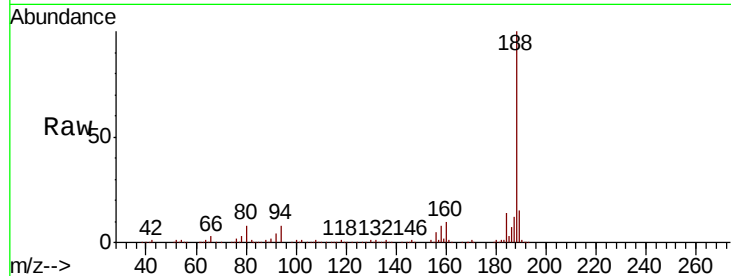
Tot Ion:188 Resp: 584607

Ion Ratio Lower Upper

188 100

94 7.9 7.1 10.7

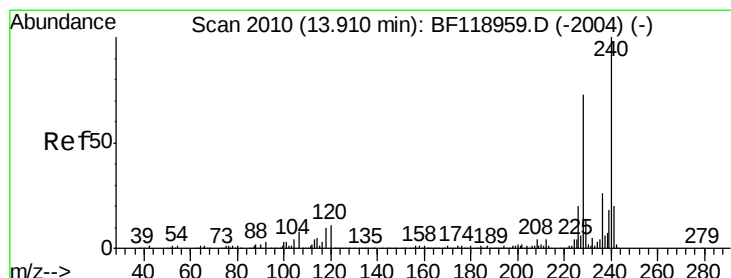
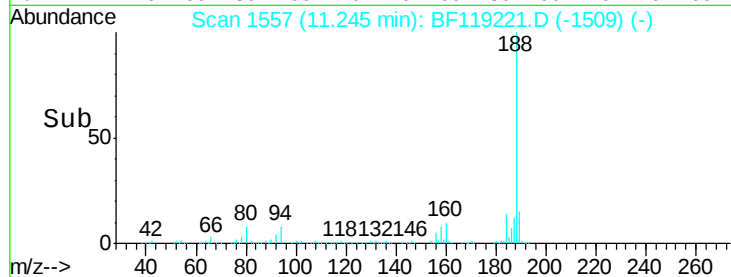
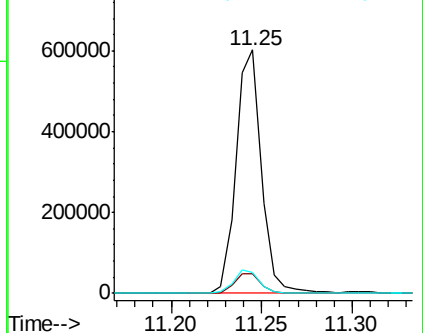
80 8.4 7.8 11.8



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: BF119221.D

Acq: 5 Mar 2020 19:34

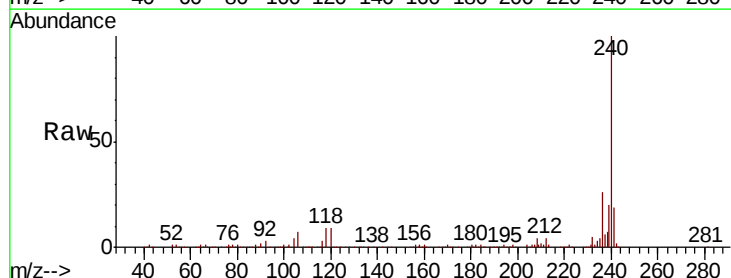
Tgt Ion:240 Resp: 358507

Ion Ratio Lower Upper

240 100

120 9.5 8.4 12.6

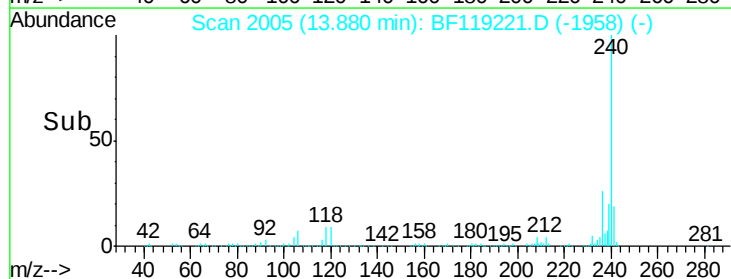
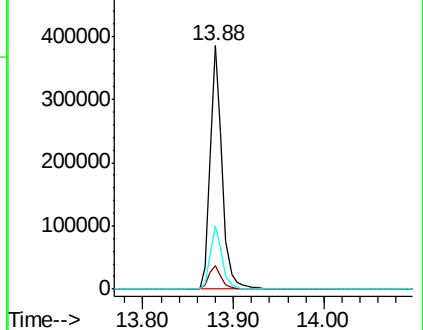
236 25.8 21.0 31.4

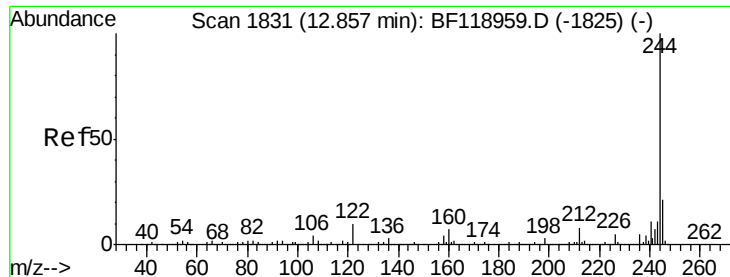


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

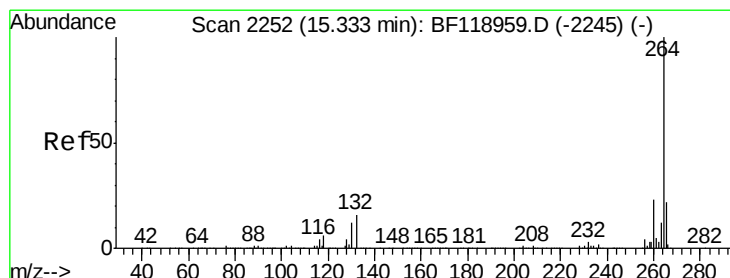
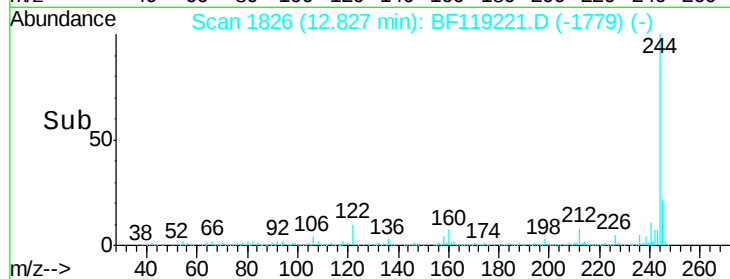
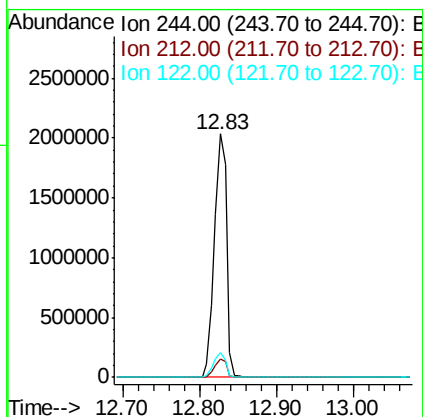
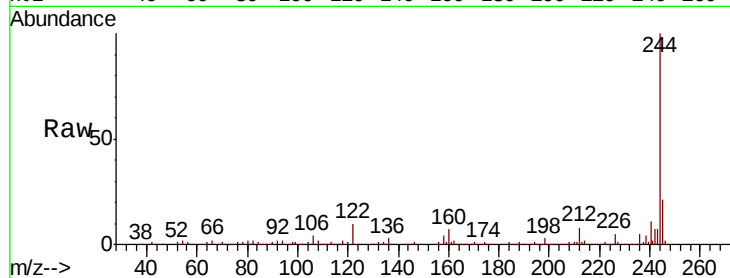




#79
 Terphenyl-d14
 Concen: 104.818 ng
 RT: 12.83 min Scan# 1826
 Delta R.T. -0.02 min
 Lab File: BF119221.D
 Acq: 5 Mar 2020 19:34

Instrument :
 BNA_F
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Tot Ion:244 Resp: 2182635
 Ion Ratio Lower Upper
 244 100
 212 7.7 6.6 10.0
 122 10.4 8.2 12.2



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.30 min Scan# 2247
 Delta R.T. -0.02 min
 Lab File: BF119221.D
 Acq: 5 Mar 2020 19:34

Tgt Ion:264 Resp: 293813
 Ion Ratio Lower Upper
 264 100
 260 23.4 19.4 29.2
 265 20.7 17.7 26.5

