

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030520\
 Data File : BF119224.D
 Acq On : 5 Mar 2020 21:03
 Operator : CG/JU
 Sample : PB127261BL
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB127261BL

Quant Time: Mar 06 07:13:43 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	140048	20.00	ng	-0.02
21) Naphthalene-d8	8.00	136	549364	20.00	ng	-0.03
39) Acenaphthene-d10	9.76	164	305493	20.00	ng	-0.03
64) Phenanthrene-d10	11.25	188	575653	20.00	ng	-0.02
76) Chrysene-d12	13.88	240	358525	20.00	ng	-0.02
87) Perylene-d12	15.30	264	290324	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	429373	51.24	ng	-0.01
7) Phenol-d6	6.37	99	313944	30.80	ng	-0.03
23) Nitrobenzene-d5	7.29	82	855890	82.26	ng	-0.03
42) 2,4,6-Tribromophenol	10.55	330	481280	120.43	ng	-0.02
45) 2-Fluorobiphenyl	9.08	172	1706901	82.31	ng	-0.03
79) Terphenyl-d14	12.83	244	2028795	97.42	ng	-0.02

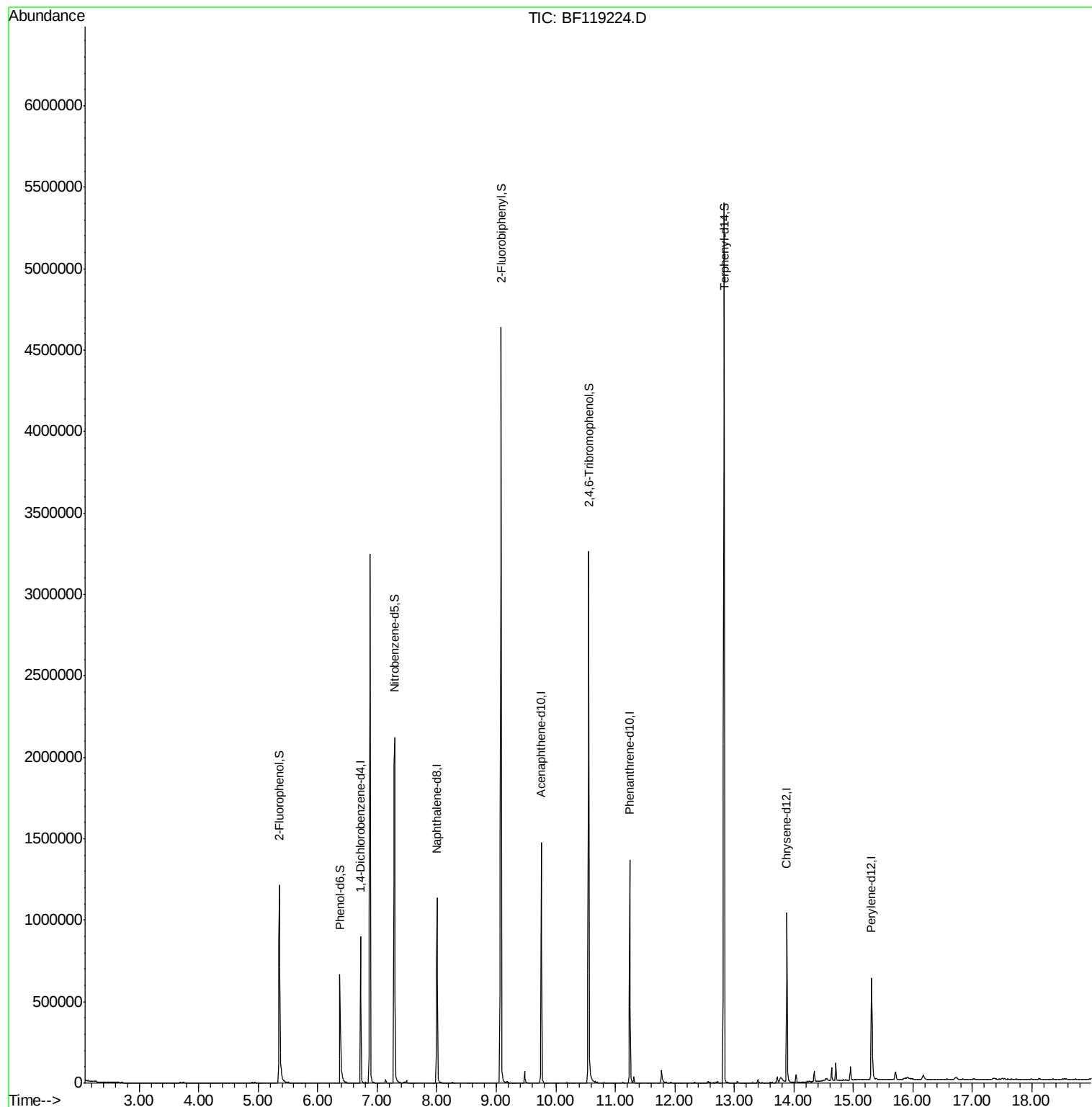
Target Compounds Qvalue

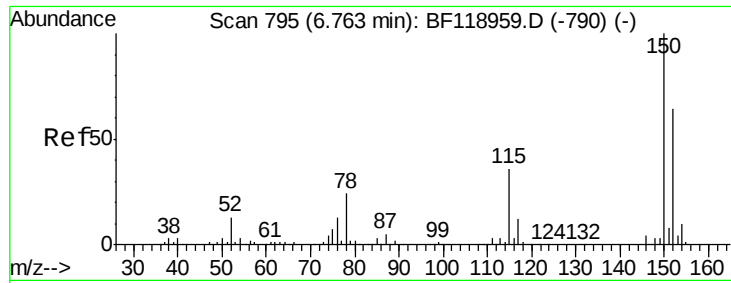
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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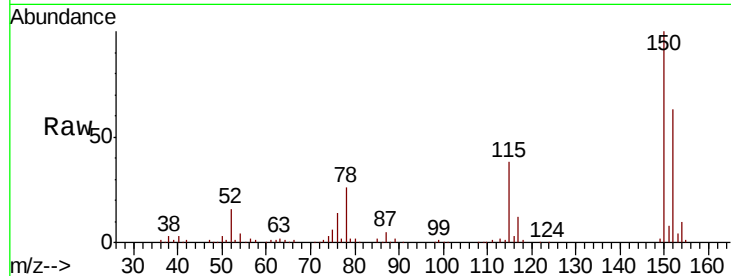


#1

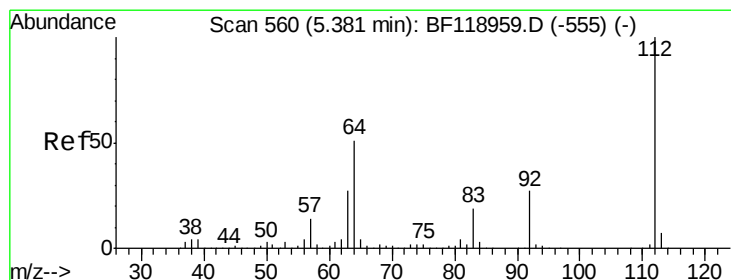
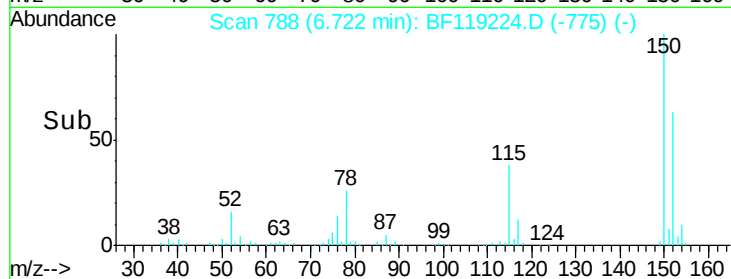
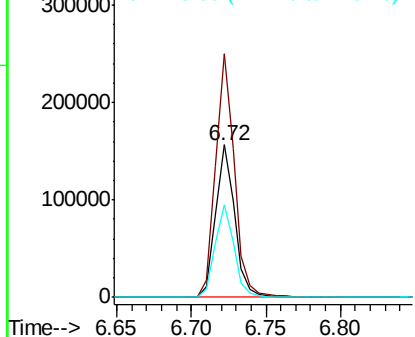
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 788
Delta R.T. -0.02 min
Lab File: BF119224.D
Acq: 5 Mar 2020 21:03

Instrument :
BNA_F
ClientSampleId :
PB127261BL

Tot Ion:152 Resp: 140048
Ion Ratio Lower Upper
152 100
150 159.6 123.0 184.6
115 61.1 49.5 74.3



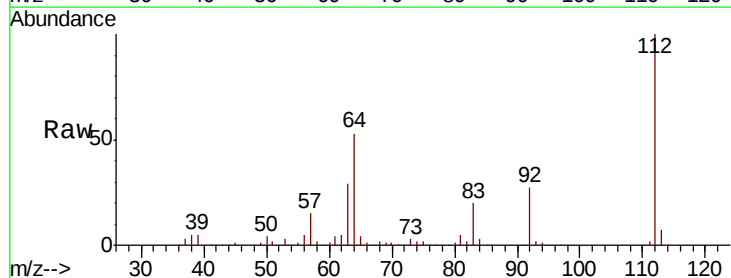
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



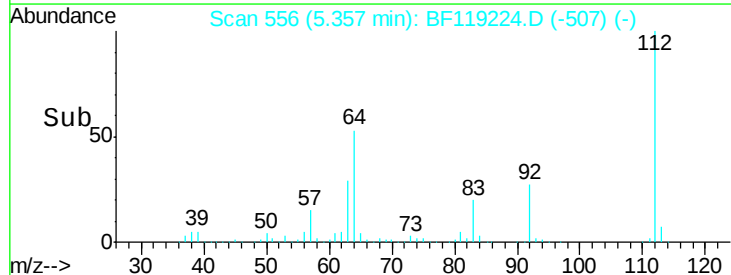
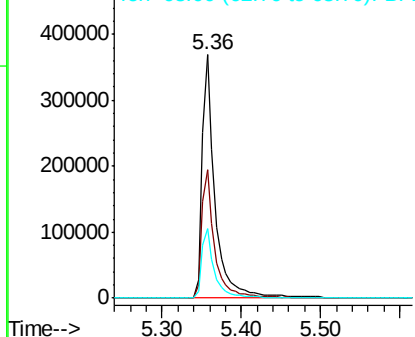
#5

2-Fluorophenol
Concen: 51.237 ng
RT: 5.36 min Scan# 556
Delta R.T. -0.01 min
Lab File: BF119224.D
Acq: 5 Mar 2020 21:03

Tgt Ion:112 Resp: 429373
Ion Ratio Lower Upper
112 100
64 52.5 45.0 67.4
63 28.6 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: 30.803 ng

RT: 6.37 min Scan# 729

Delta R.T. -0.03 min

Lab File: BF119224.D

Acq: 5 Mar 2020 21:03

Instrument :

BNA_F

ClientSampleId :

PB127261BL

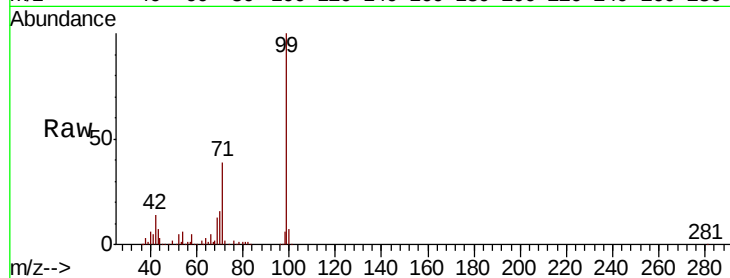
Tot Ion: 99 Resp: 313944

Ion Ratio Lower Upper

99 100

42 14.5 12.6 18.8

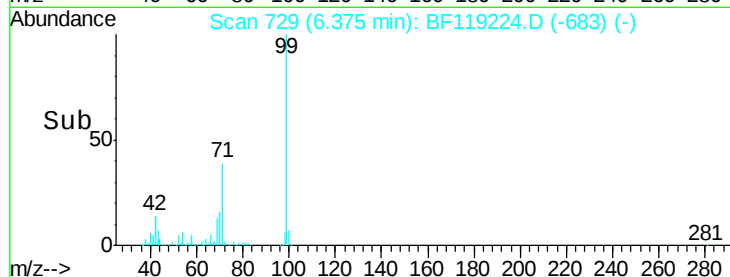
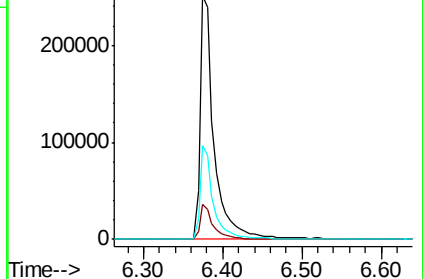
71 38.7 31.0 46.4



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: BF119224.D

Acq: 5 Mar 2020 21:03

Tgt Ion: 136 Resp: 549364

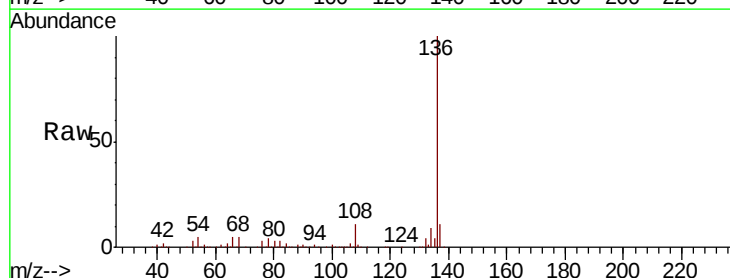
Ion Ratio Lower Upper

136 100

137 10.9 8.8 13.2

54 5.1 3.8 5.6

68 5.4 3.9 5.9

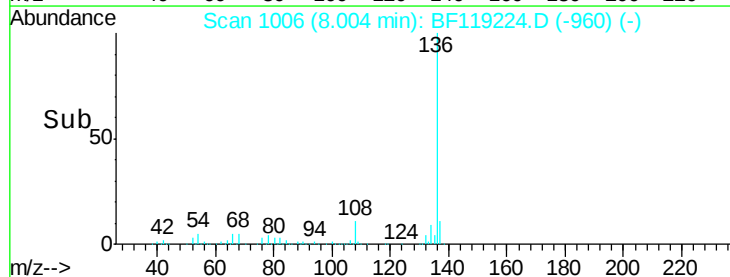
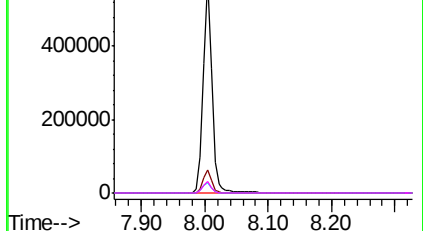


Abundance Ion 136.00 (135.70 to 136.70): E

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

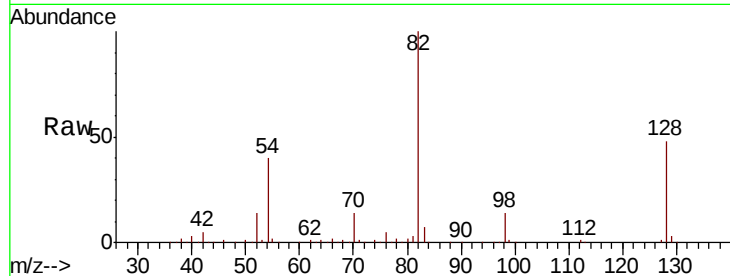




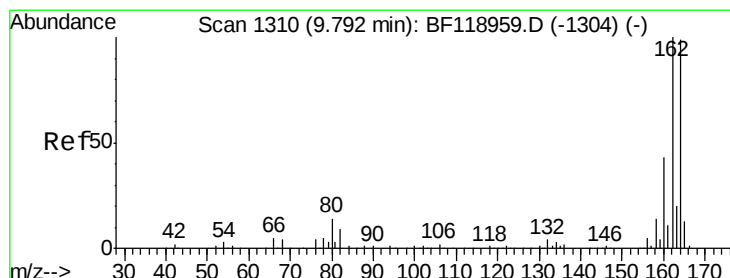
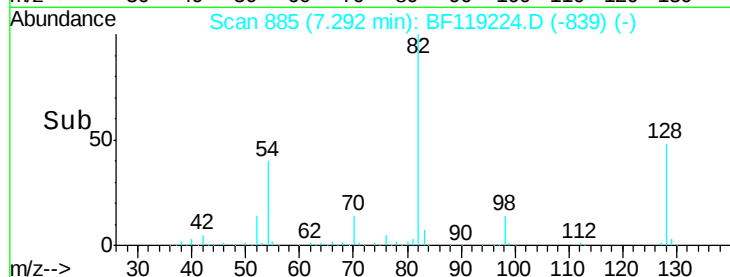
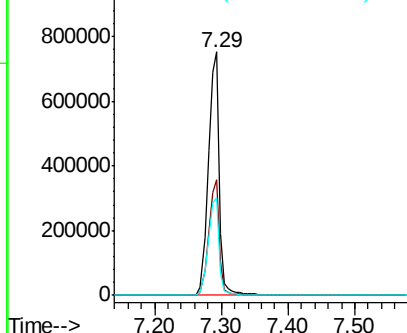
#23
 Nitrobenzene-d5
 Concen: 82.261 ng
 RT: 7.29 min Scan# 885
 Delta R.T. -0.03 min
 Lab File: BF119224.D
 Acq: 5 Mar 2020 21:03

Instrument :
 BNA_F
 ClientSampleId :
 PB127261BL

Tot Ion: 82 Resp: 855890
 Ion Ratio Lower Upper
 82 100
 128 47.7 37.9 56.9
 54 40.1 33.4 50.2

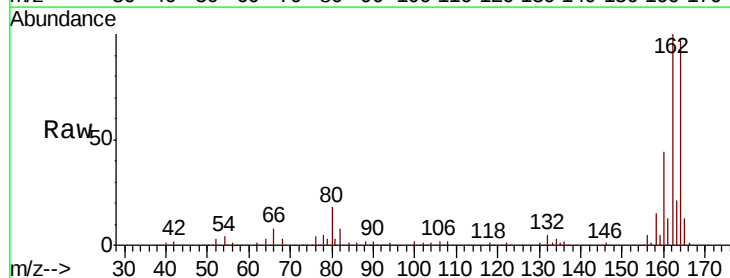


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF1

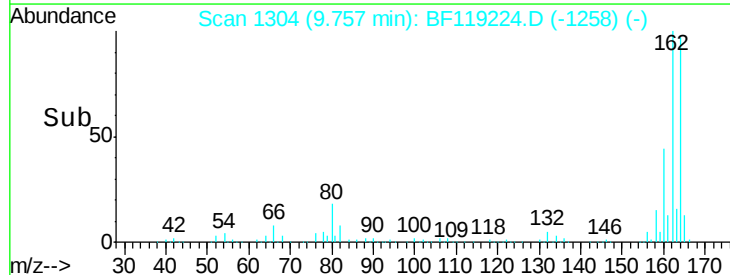
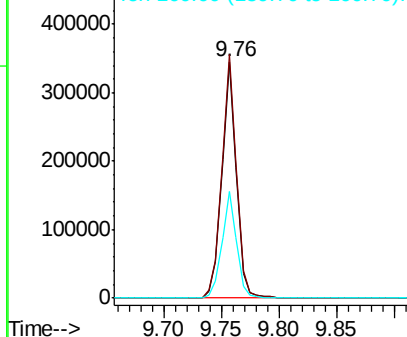


#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.76 min Scan# 1304
 Delta R.T. -0.03 min
 Lab File: BF119224.D
 Acq: 5 Mar 2020 21:03

Tgt Ion:164 Resp: 305493
 Ion Ratio Lower Upper
 164 100
 162 103.0 81.8 122.8
 160 45.2 36.0 54.0



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

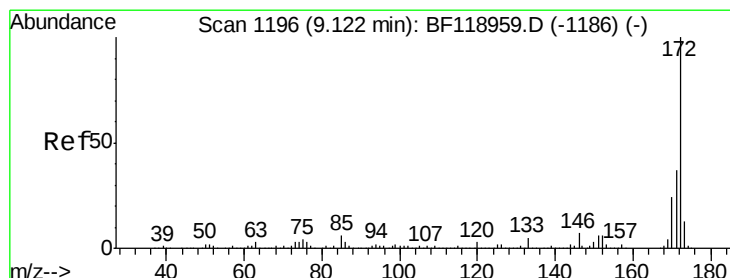
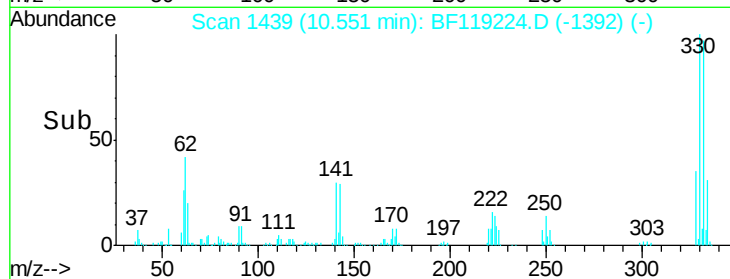
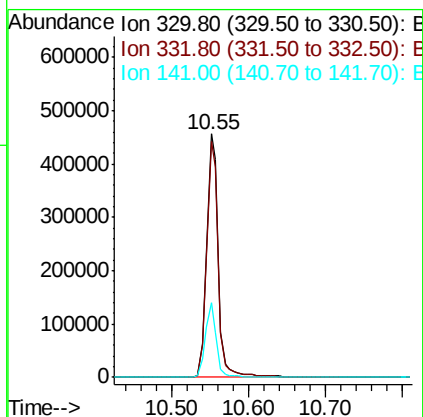
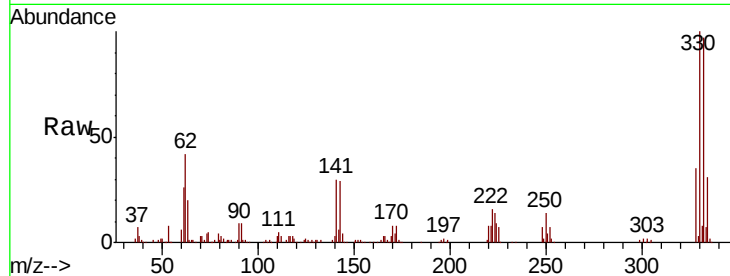




#42
 2,4,6-Tribromophenol
 Concen: 120.429 ng
 RT: 10.55 min Scan# 1439
 Delta R.T. -0.02 min
 Lab File: BF119224.D
 Acq: 5 Mar 2020 21:03

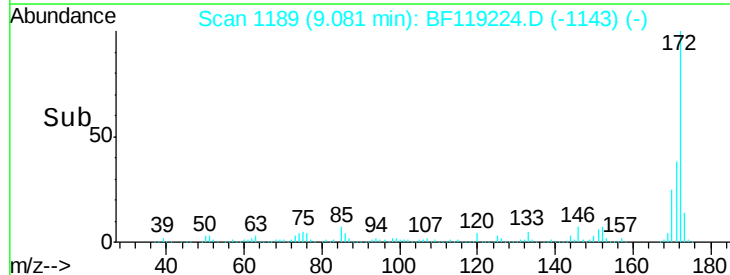
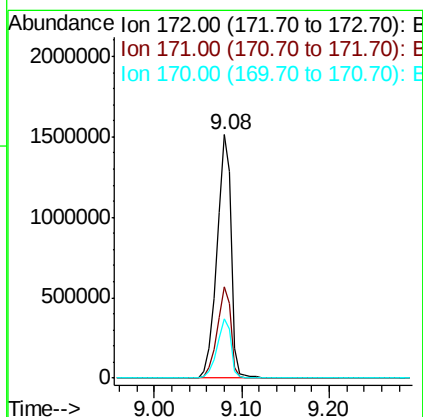
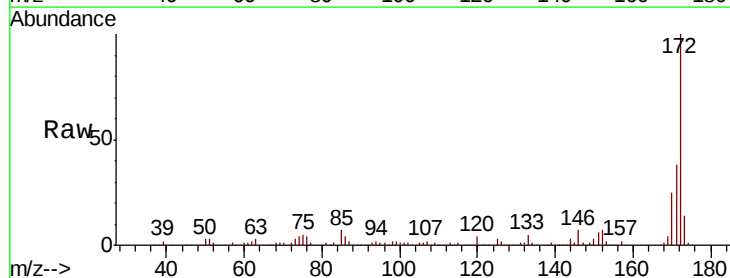
Instrument :
 BNA_F
 ClientSampleId :
 PB127261BL

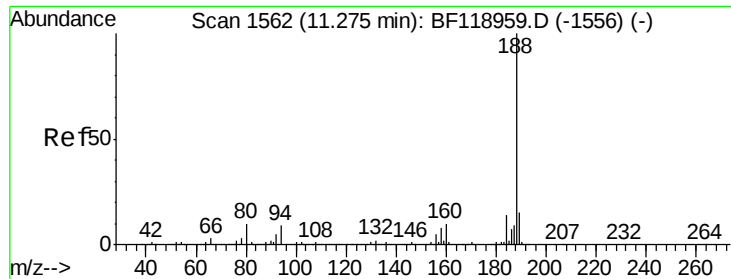
Tot Ion:330 Resp: 481280
 Ion Ratio Lower Upper
 330 100
 332 95.9 76.0 114.0
 141 29.2 22.9 34.3



#45
 2-Fluorobiphenyl
 Concen: 82.312 ng
 RT: 9.08 min Scan# 1189
 Delta R.T. -0.03 min
 Lab File: BF119224.D
 Acq: 5 Mar 2020 21:03

Tgt Ion:172 Resp: 1706901
 Ion Ratio Lower Upper
 172 100
 171 37.5 30.6 45.8
 170 24.6 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: BF119224.D

Acq: 5 Mar 2020 21:03

Instrument :

BNA_F

ClientSampleId :

PB127261BL

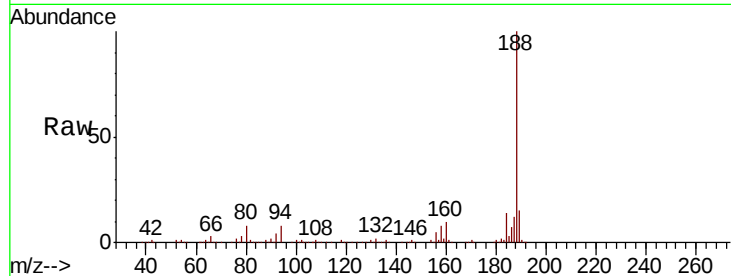
Tot Ion:188 Resp: 575653

Ion Ratio Lower Upper

188 100

94 7.6 7.1 10.7

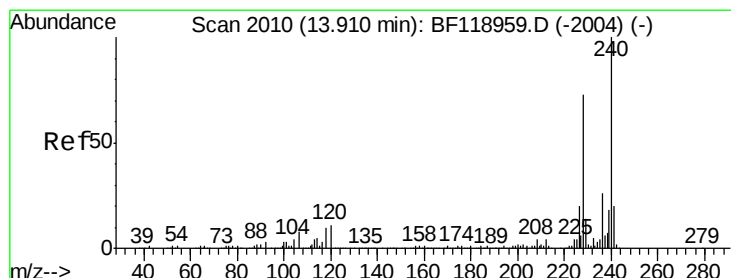
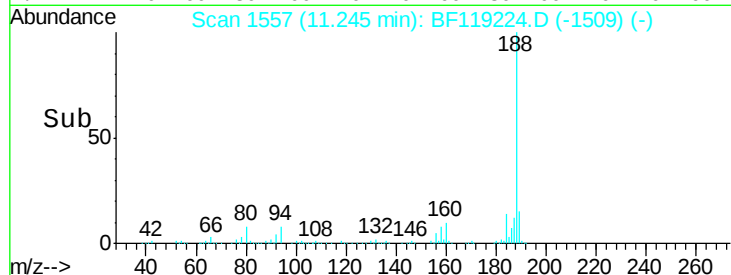
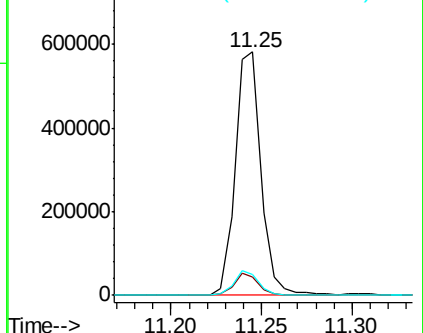
80 8.3 7.8 11.8



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: BF119224.D

Acq: 5 Mar 2020 21:03

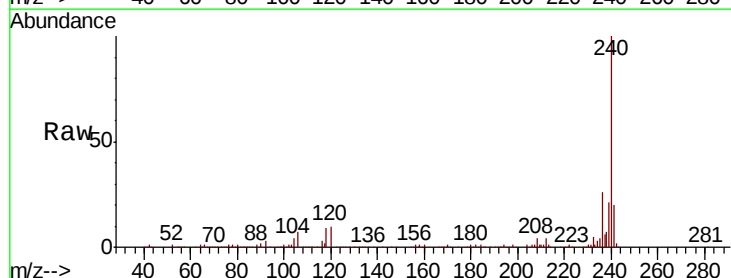
Tgt Ion:240 Resp: 358525

Ion Ratio Lower Upper

240 100

120 9.7 8.4 12.6

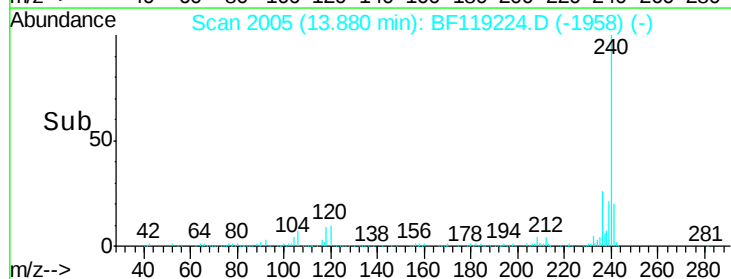
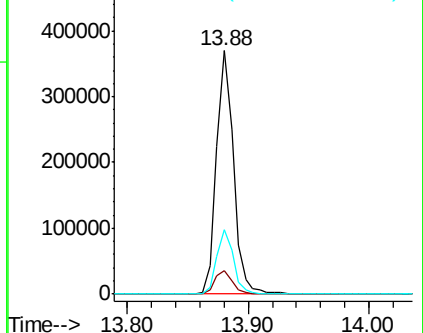
236 26.5 21.0 31.4

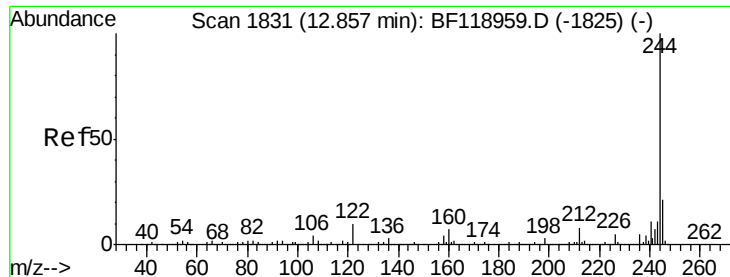


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

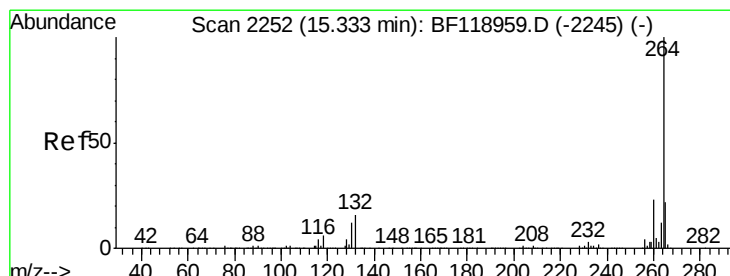
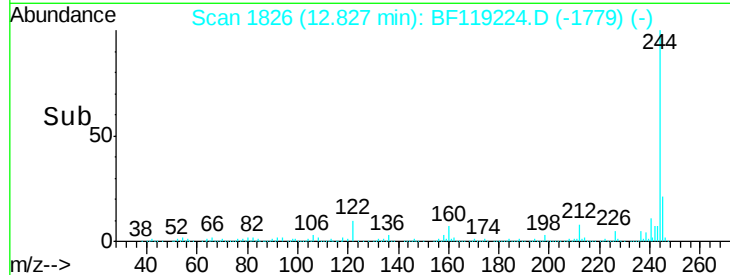
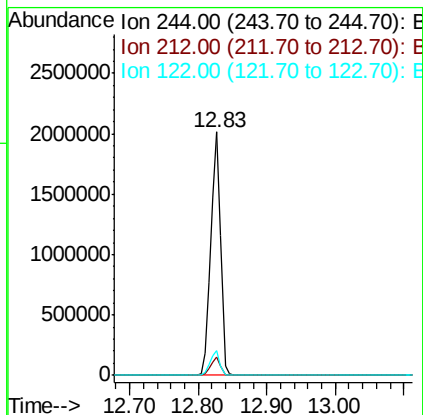
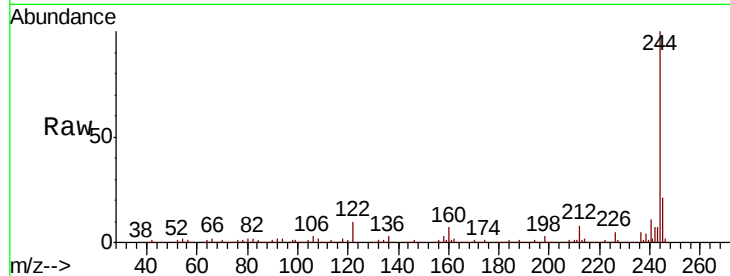




#79
 Terphenyl-d14
 Concen: 97.425 ng
 RT: 12.83 min Scan# 1826
 Delta R.T. -0.02 min
 Lab File: BF119224.D
 Acq: 5 Mar 2020 21:03

Instrument :
 BNA_F
 ClientSampleID :
 PB127261BL

Tot Ion:244 Resp: 2028795
 Ion Ratio Lower Upper
 244 100
 212 7.7 6.6 10.0
 122 10.0 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: BF119224.D
 Acq: 5 Mar 2020 21:03

Tgt Ion:264 Resp: 290324
 Ion Ratio Lower Upper
 264 100
 260 23.8 19.4 29.2
 265 21.7 17.7 26.5

