

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030520\
 Data File : BF119227.D
 Acq On : 5 Mar 2020 22:31
 Operator : CG/JU
 Sample : PB127239BL
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB127239BL

Quant Time: Mar 06 07:25:07 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	142527	20.00	ng	-0.02
21) Naphthalene-d8	8.00	136	547642	20.00	ng	-0.03
39) Acenaphthene-d10	9.76	164	309123	20.00	ng	-0.03
64) Phenanthrene-d10	11.24	188	588758	20.00	ng	-0.02
76) Chrysene-d12	13.88	240	379275	20.00	ng	-0.02
87) Perylene-d12	15.30	264	296950	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	788180	92.42	ng	-0.01
7) Phenol-d6	6.37	99	675203	65.10	ng	-0.03
23) Nitrobenzene-d5	7.29	82	937642	90.40	ng	-0.03
42) 2,4,6-Tribromophenol	10.55	330	549659	135.92	ng	-0.02
45) 2-Fluorobiphenyl	9.08	172	1834440	87.42	ng	-0.03
79) Terphenyl-d14	12.83	244	2375762	107.84	ng	-0.02

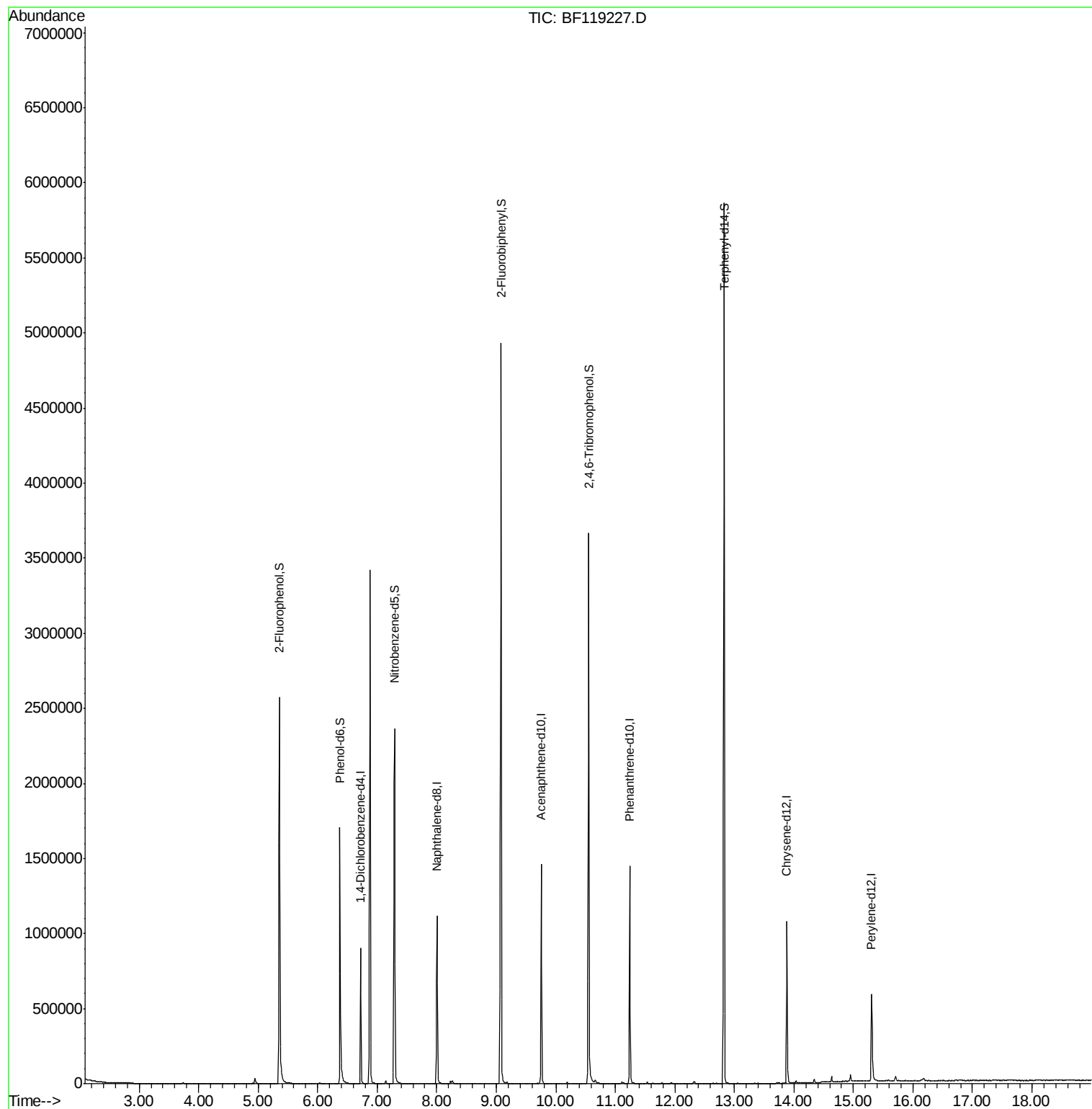
Target Compounds Qvalue

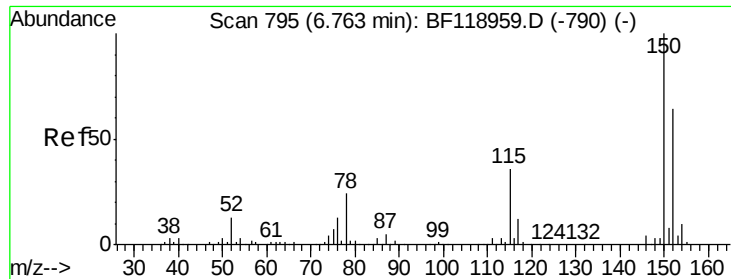
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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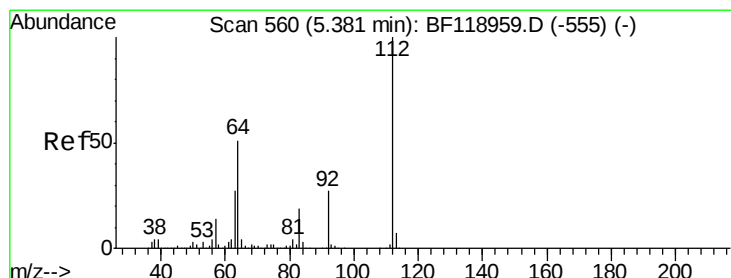
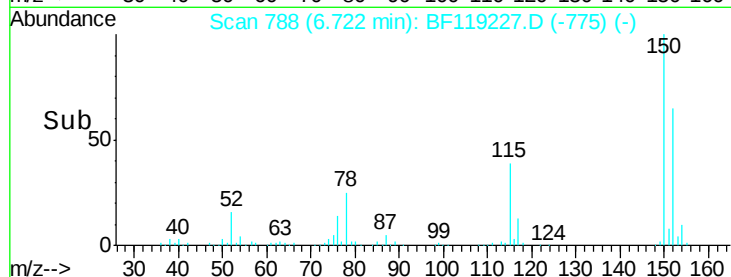
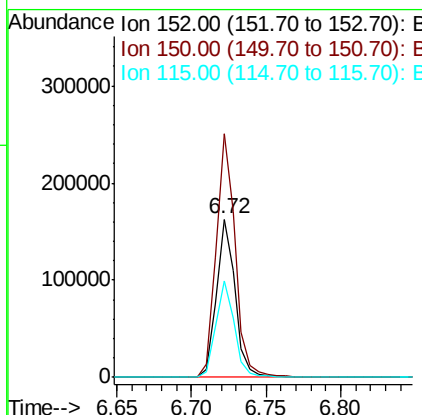
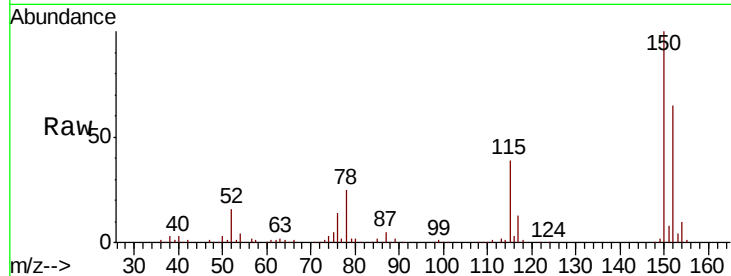


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 788
Delta R.T. -0.02 min
Lab File: BF119227.D
Acq: 5 Mar 2020 22:31

Instrument :
BNA_F
ClientSampleId :
PB127239BL

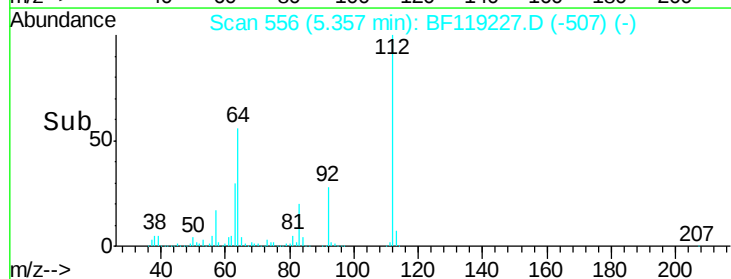
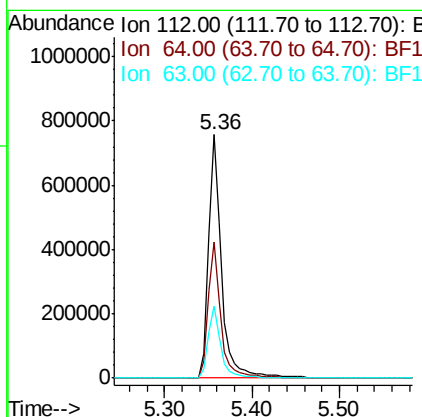
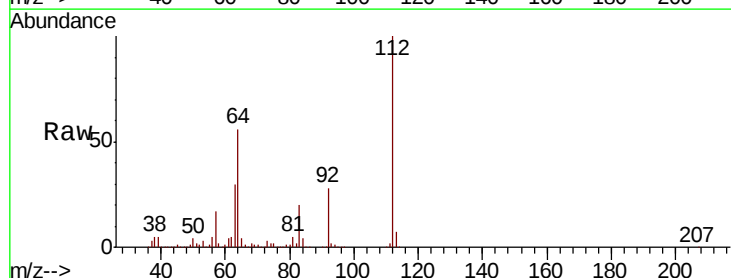
Tot Ion:152 Resp: 142527
Ion Ratio Lower Upper
152 100
150 154.2 123.0 184.6
115 60.7 49.5 74.3



#5

2-Fluorophenol
Concen: 92.417 ng
RT: 5.36 min Scan# 556
Delta R.T. -0.01 min
Lab File: BF119227.D
Acq: 5 Mar 2020 22:31

Tgt Ion:112 Resp: 788180
Ion Ratio Lower Upper
112 100
64 55.9 45.0 67.4
63 29.7 24.2 36.4





#7

Phenol-d6

Concen: 65.097 ng

RT: 6.37 min Scan# 729

Delta R.T. -0.03 min

Lab File: BF119227.D

Acq: 5 Mar 2020 22:31

Instrument :

BNA_F

ClientSampleId :

PB127239BL

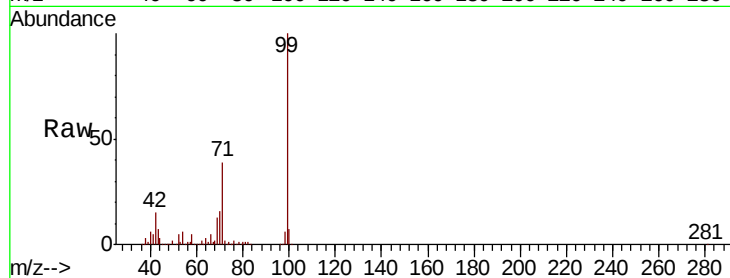
Tot Ion: 99 Resp: 675203

Ion Ratio Lower Upper

99 100

42 15.3 12.6 18.8

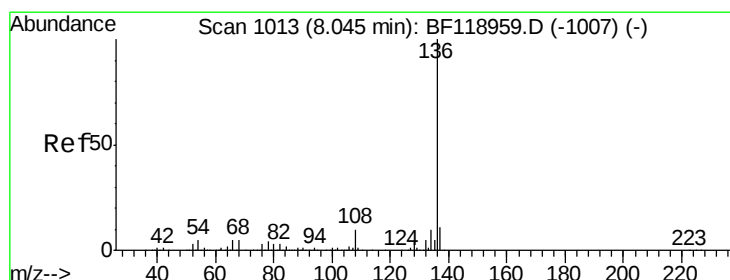
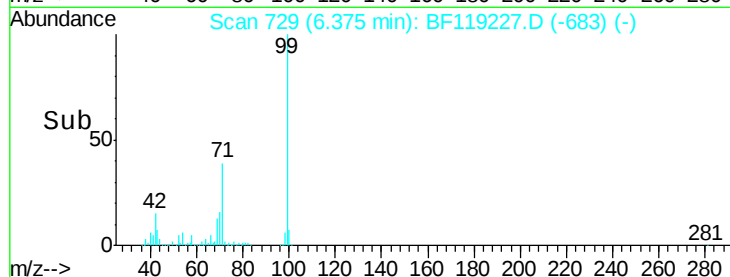
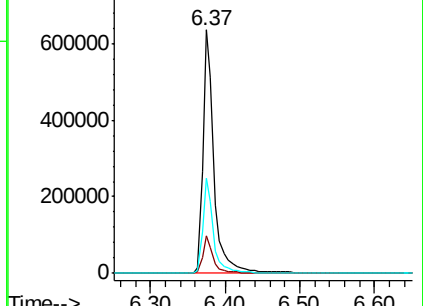
71 39.0 31.0 46.4



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: BF119227.D

Acq: 5 Mar 2020 22:31

Tgt Ion: 136 Resp: 547642

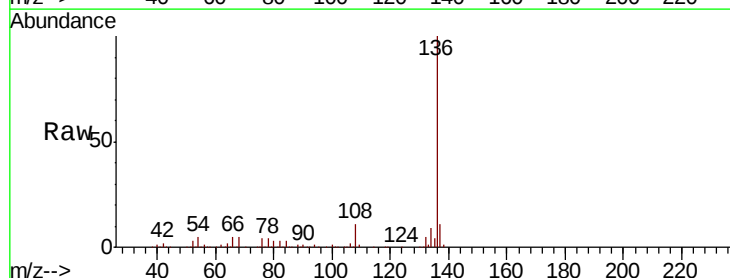
Ion Ratio Lower Upper

136 100

137 10.9 8.8 13.2

54 5.1 3.8 5.6

68 5.4 3.9 5.9

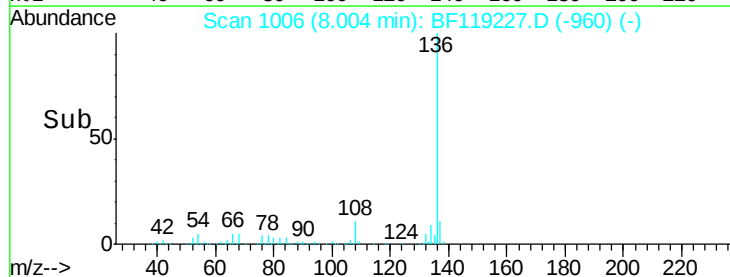
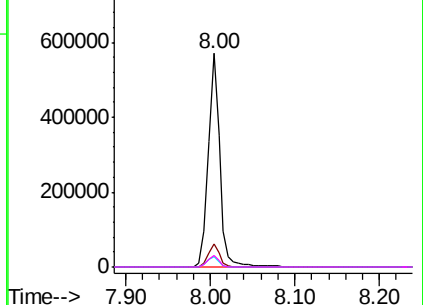


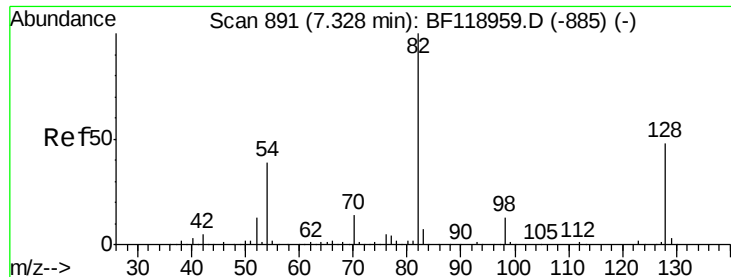
Abundance Ion 136.00 (135.70 to 136.70): E

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

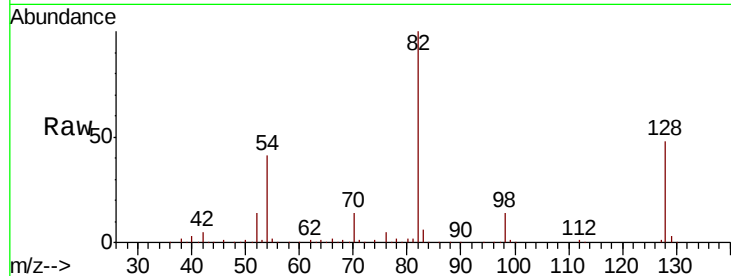




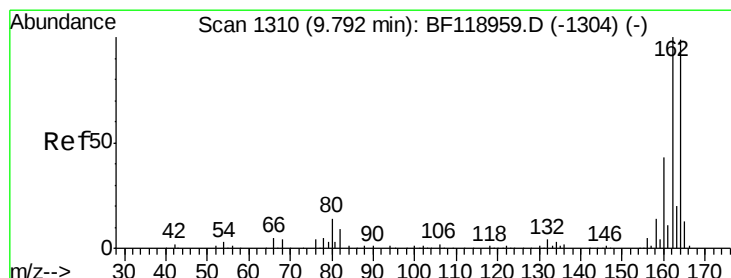
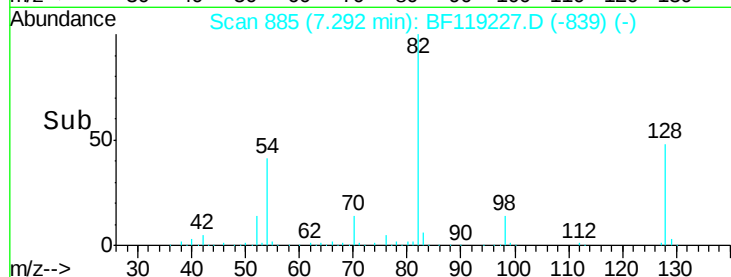
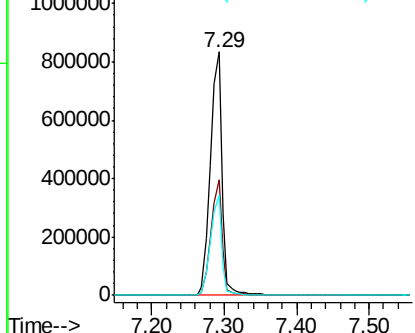
#23
Nitrobenzene-d5
Concen: 90.401 ng
RT: 7.29 min Scan# 885
Delta R.T. -0.03 min
Lab File: BF119227.D
Acq: 5 Mar 2020 22:31

Instrument :
BNA_F
ClientSampled :
PB127239BL

Tot Ion: 82 Resp: 937642
Ion Ratio Lower Upper
82 100
128 47.5 37.9 56.9
54 41.0 33.4 50.2

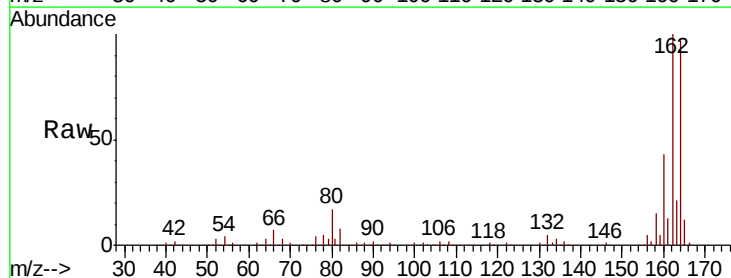


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1

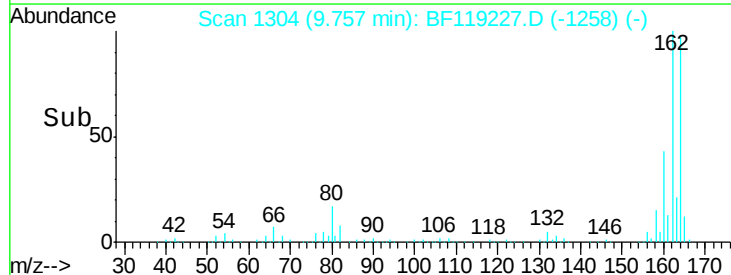
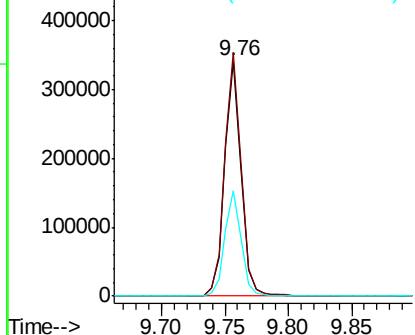


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.76 min Scan# 1304
Delta R.T. -0.03 min
Lab File: BF119227.D
Acq: 5 Mar 2020 22:31

Tgt Ion:164 Resp: 309123
Ion Ratio Lower Upper
164 100
162 103.5 81.8 122.8
160 44.9 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

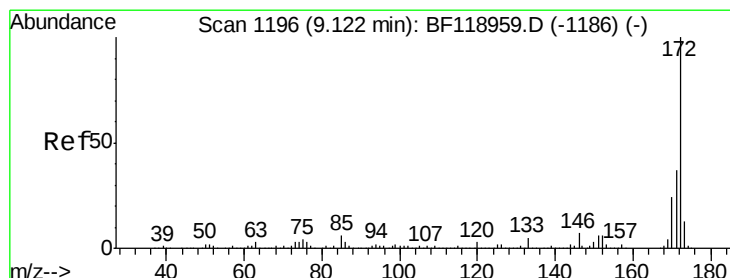
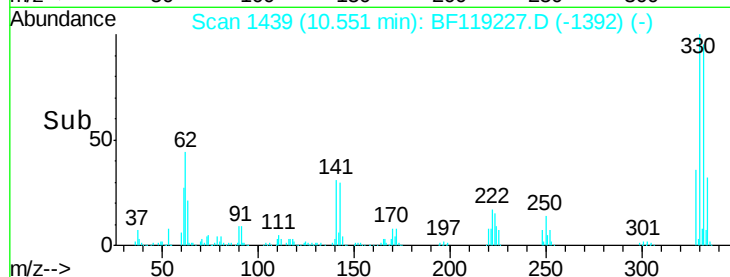
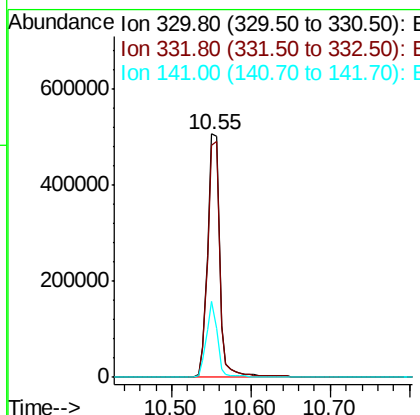
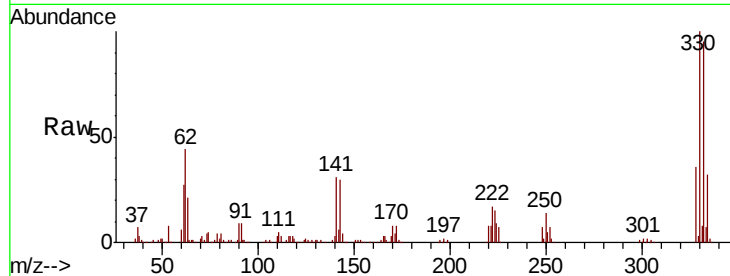




#42
 2,4,6-Tribromophenol
 Concen: 135.925 ng
 RT: 10.55 min Scan# 1439
 Delta R.T. -0.02 min
 Lab File: BF119227.D
 Acq: 5 Mar 2020 22:31

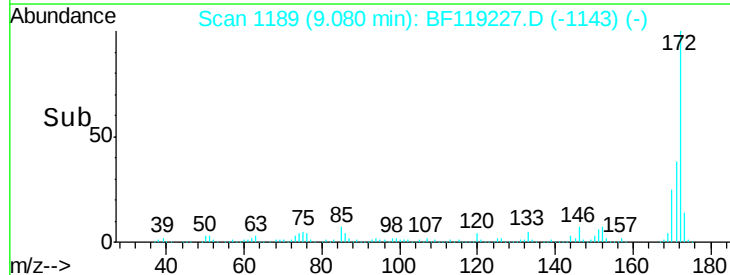
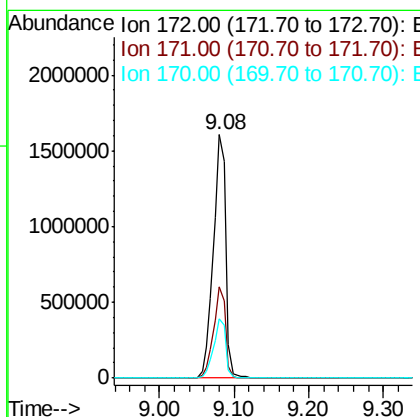
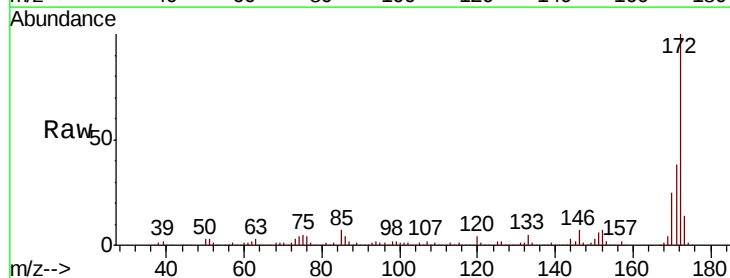
Instrument :
 BNA_F
 ClientSampleId :
 PB127239BL

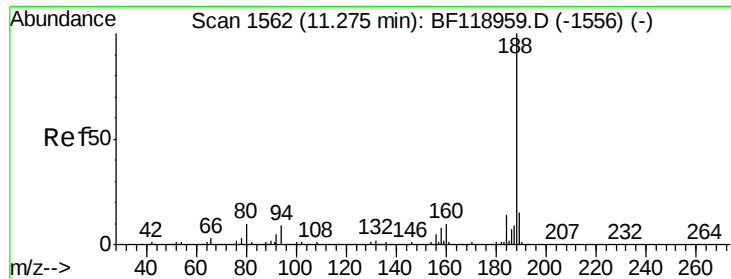
Tot Ion:330 Resp: 549659
 Ion Ratio Lower Upper
 330 100
 332 97.3 76.0 114.0
 141 28.8 22.9 34.3



#45
 2-Fluorobiphenyl
 Concen: 87.423 ng
 RT: 9.08 min Scan# 1189
 Delta R.T. -0.03 min
 Lab File: BF119227.D
 Acq: 5 Mar 2020 22:31

Tgt Ion:172 Resp: 1834440
 Ion Ratio Lower Upper
 172 100
 171 37.6 30.6 45.8
 170 24.5 20.2 30.2

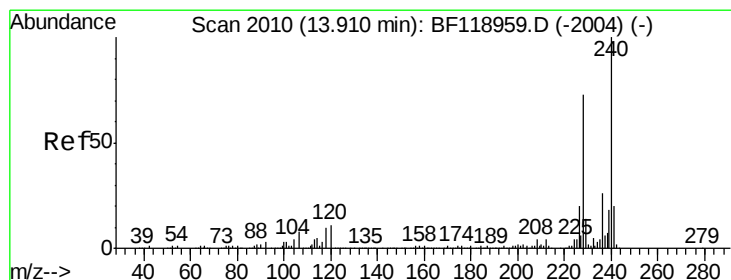
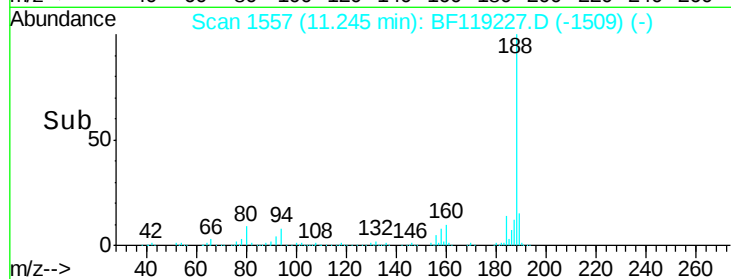
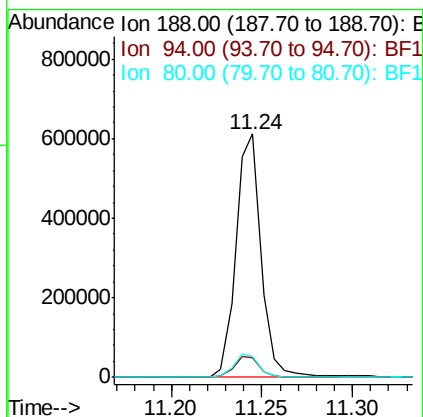
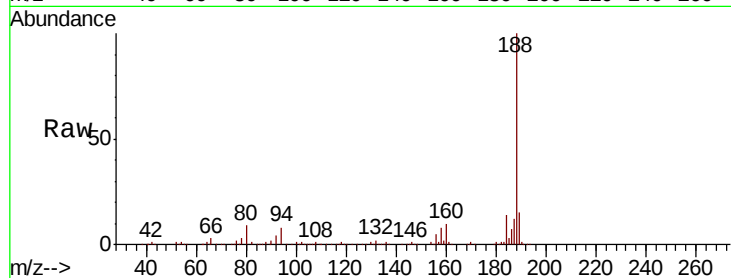




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.24 min Scan# 1557
Delta R.T. -0.02 min
Lab File: BF119227.D
Acq: 5 Mar 2020 22:31

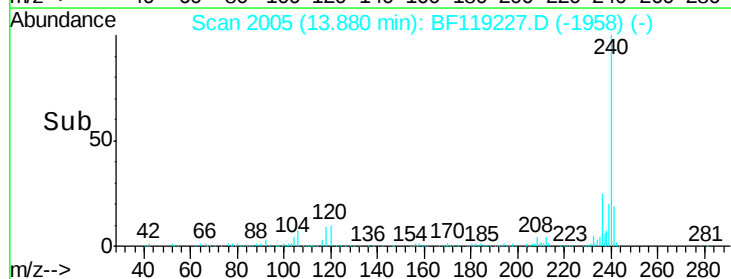
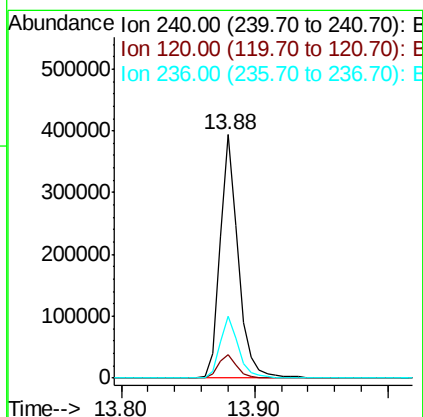
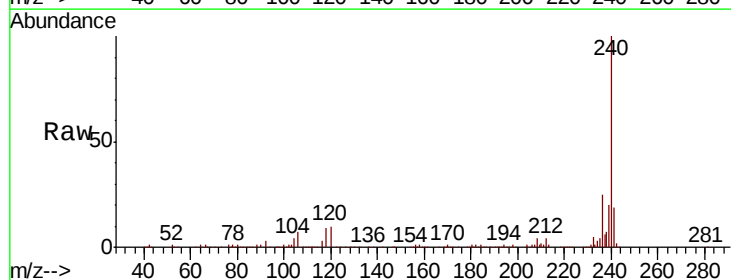
Instrument :
BNA_F
ClientSampleId :
PB127239BL

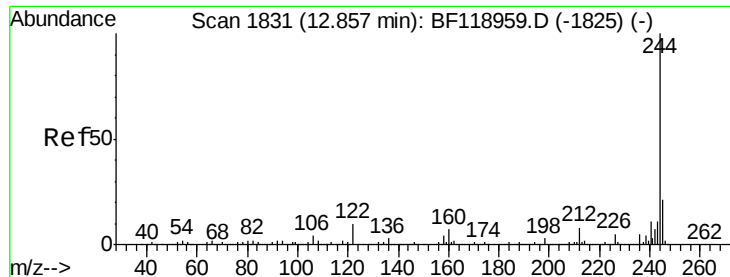
Tot Ion:188 Resp: 588758
Ion Ratio Lower Upper
188 100
94 7.9 7.1 10.7
80 8.8 7.8 11.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.88 min Scan# 2005
Delta R.T. -0.02 min
Lab File: BF119227.D
Acq: 5 Mar 2020 22:31

Tgt Ion:240 Resp: 379275
Ion Ratio Lower Upper
240 100
120 9.6 8.4 12.6
236 25.2 21.0 31.4



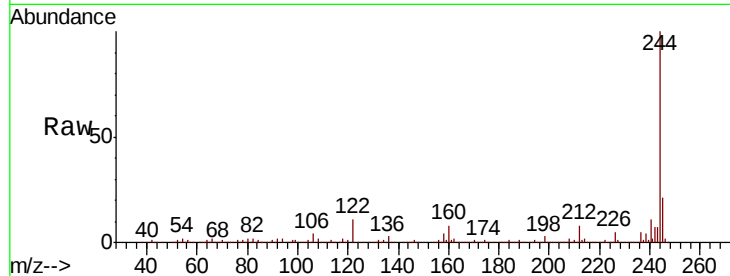


#79
 Terphenyl-d14
 Concen: 107.845 ng
 RT: 12.83 min Scan# 1826
 Delta R.T. -0.02 min
 Lab File: BF119227.D
 Acq: 5 Mar 2020 22:31

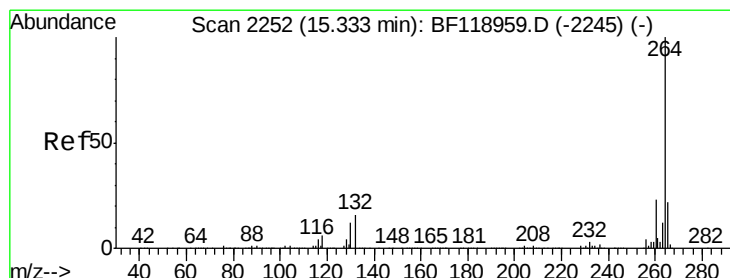
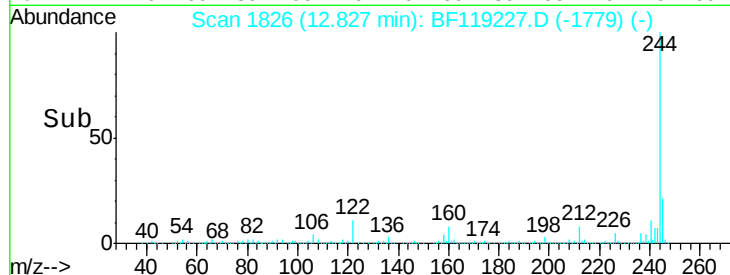
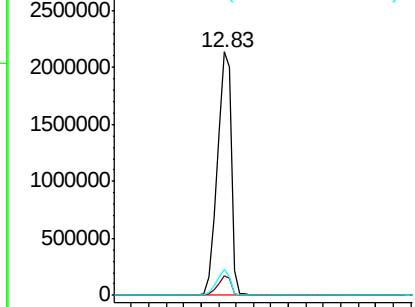
Instrument :
 BNA_F
 ClientSampleId :
 PB127239BL

Tot Ion:244 Resp: 2375762

Ion	Ratio	Lower	Upper
244	100		
212	7.9	6.6	10.0
122	10.5	8.2	12.2



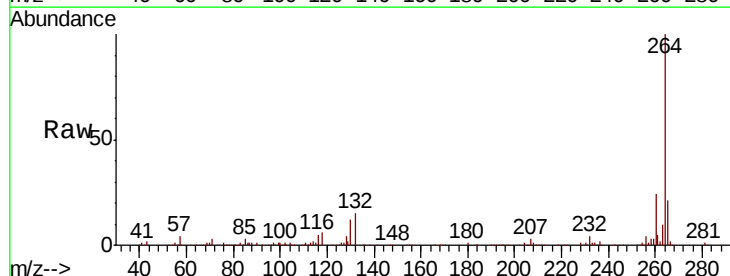
Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.30 min Scan# 2247
 Delta R.T. -0.02 min
 Lab File: BF119227.D
 Acq: 5 Mar 2020 22:31

Tgt Ion:264 Resp: 296950

Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.4	29.2
265	20.8	17.7	26.5



Abundance Ion 264.00 (263.70 to 264.70): E
 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E

