

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121919\
 Data File : BF118277.D
 Acq On : 19 Dec 2019 14:10
 Operator : JU
 Sample : PB125579BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB125579BL

Quant Time: Dec 20 02:53:01 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF120619.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 06 17:34:43 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	119376	20.00	ng	-0.01
21) Naphthalene-d8	8.15	136	462094	20.00	ng	-0.01
39) Acenaphthene-d10	9.90	164	248305	20.00	ng	-0.02
64) Phenanthrene-d10	11.40	188	477022	20.00	ng	-0.01
76) Chrysene-d12	14.05	240	294121	20.00	ng	-0.02
87) Perylene-d12	15.54	264	244192	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	916814	134.51	ng	0.00
7) Phenol-d6	6.49	99	1164769	141.29	ng	0.00
23) Nitrobenzene-d5	7.42	82	690392	84.05	ng	-0.02
42) 2,4,6-Tribromophenol	10.70	330	402842	133.55	ng	-0.01
45) 2-Fluorobiphenyl	9.23	172	1475689	90.43	ng	-0.01
79) Terphenyl-d14	12.99	244	1760571	102.93	ng	-0.01

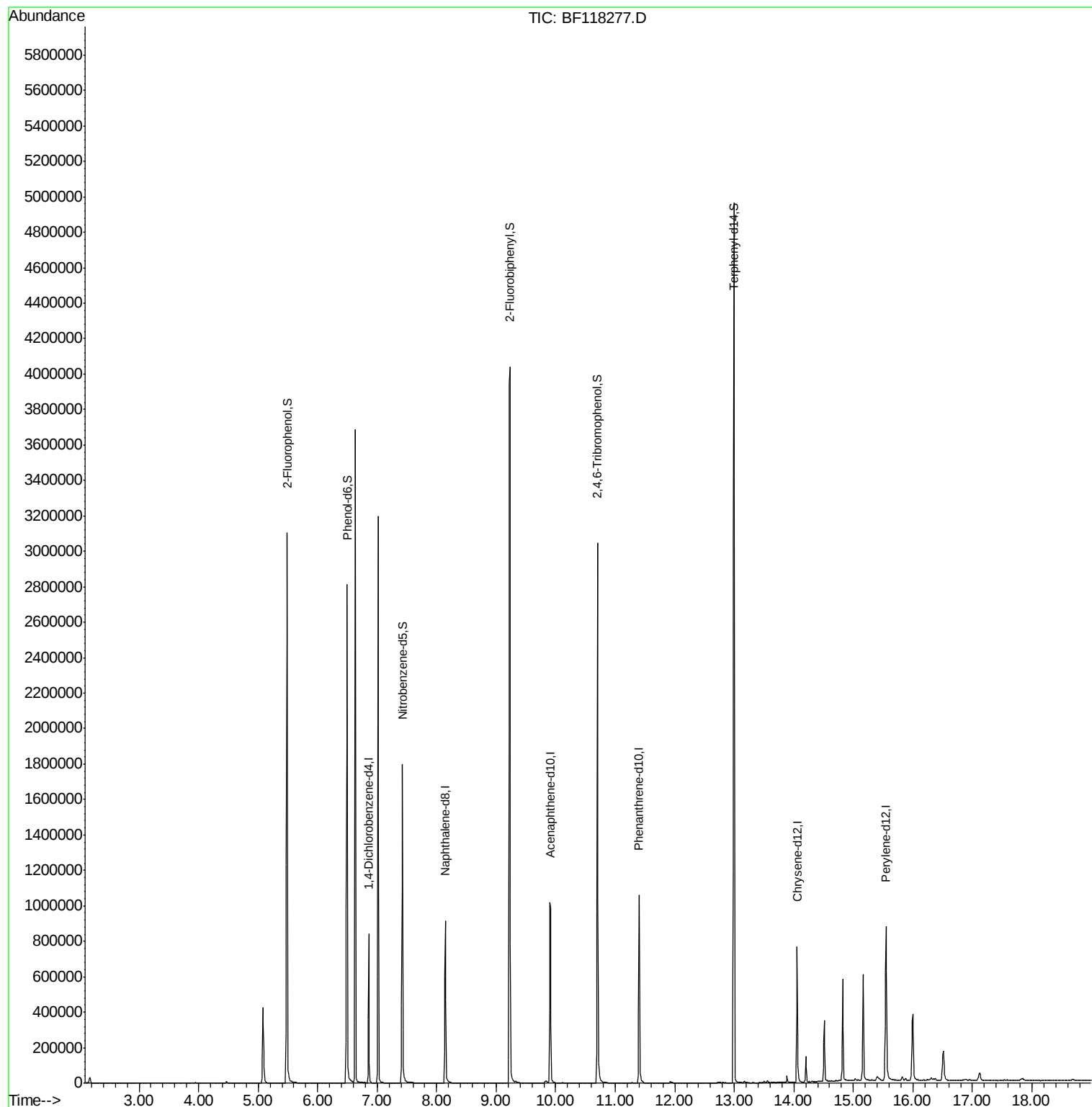
Target Compounds Qvalue

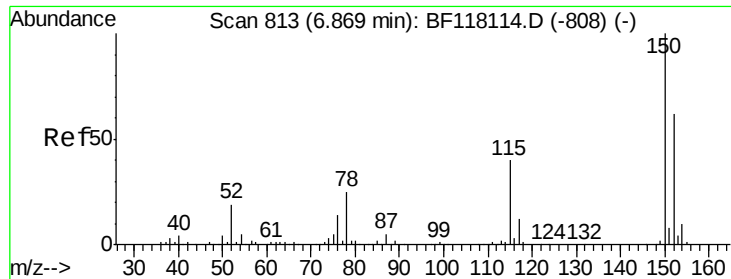
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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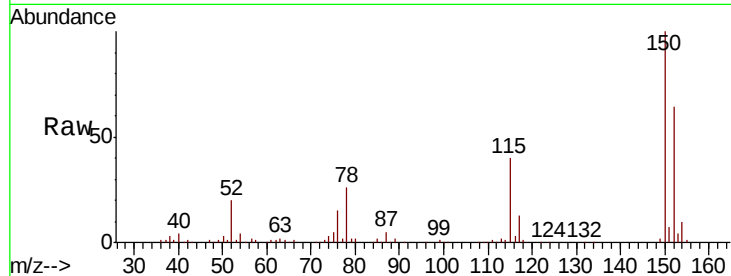


#1

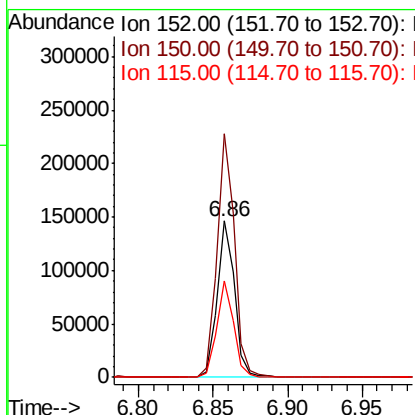
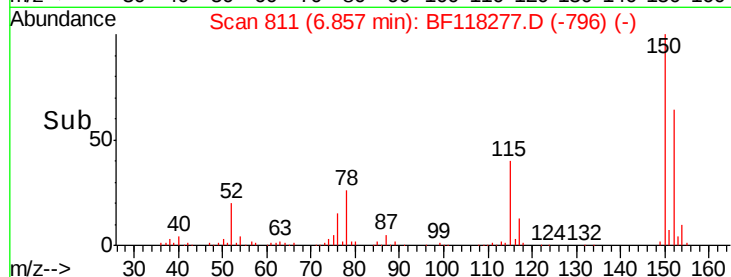
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.86 min Scan# 811
 Delta R.T. -0.01 min
 Lab File: BF118277.D
 Acq: 19 Dec 2019 14:10

Instrument :
 BNA_F
 ClientSampleId :
 PB125579BL

Tot Ion:152 Resp: 119376
 Ion Ratio Lower Upper
 152 100
 150 156.1 128.3 192.5
 115 61.9 51.1 76.7



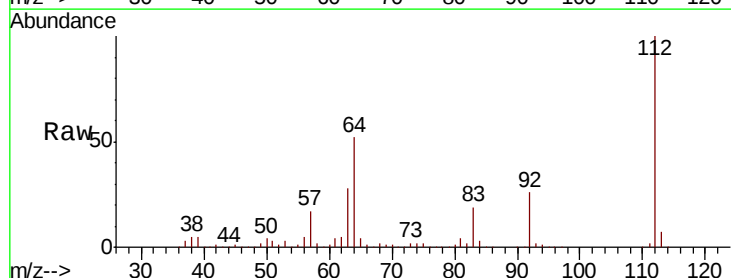
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



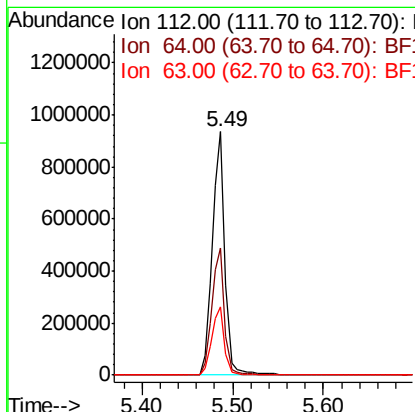
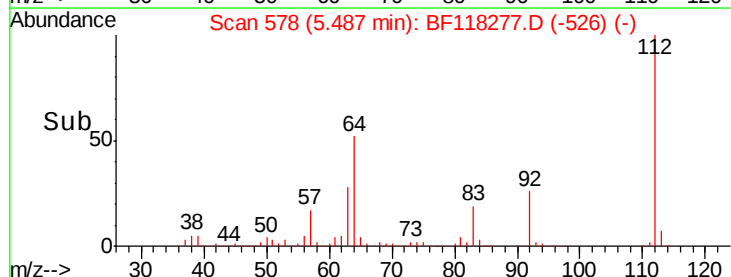
#5

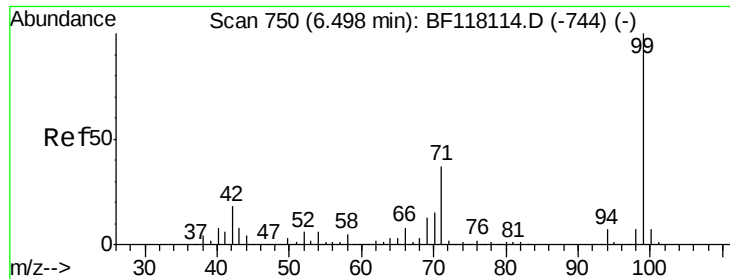
2-Fluorophenol
 Concen: 134.513 ng
 RT: 5.49 min Scan# 578
 Delta R.T. 0.01 min
 Lab File: BF118277.D
 Acq: 19 Dec 2019 14:10

Tgt Ion:112 Resp: 916814
 Ion Ratio Lower Upper
 112 100
 64 52.3 41.3 61.9
 63 28.2 22.4 33.6



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: 141.289 ng

RT: 6.49 min Scan# 749

Delta R.T. -0.01 min

Lab File: BF118277.D

Acq: 19 Dec 2019 14:10

Instrument :

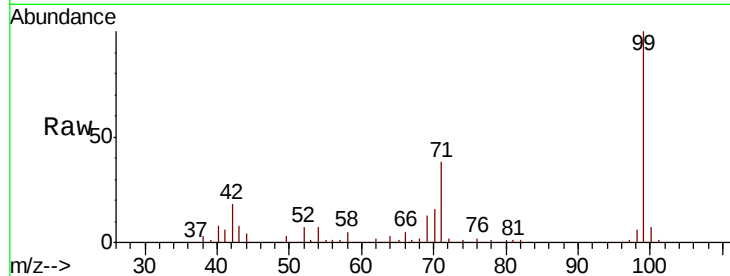
BNA_F

ClientSampleId :

PB125579BL

Tot Ion: 99 Resp: 1164769

Ion	Ratio	Lower	Upper
99	100		
42	17.9	14.1	21.1
71	38.0	29.7	44.5

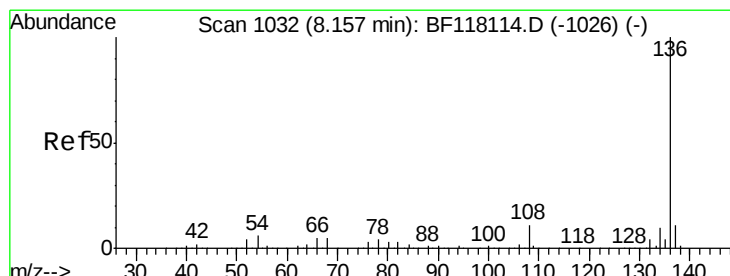
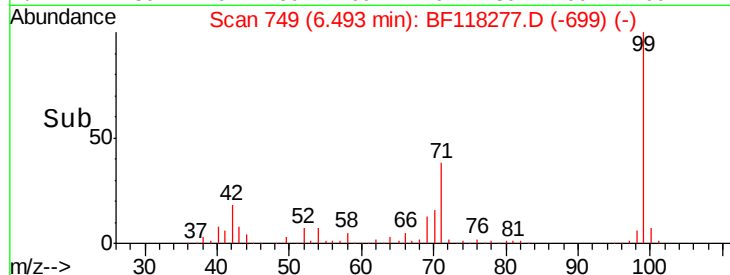


Abundance

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: 8.15 min Scan# 1030

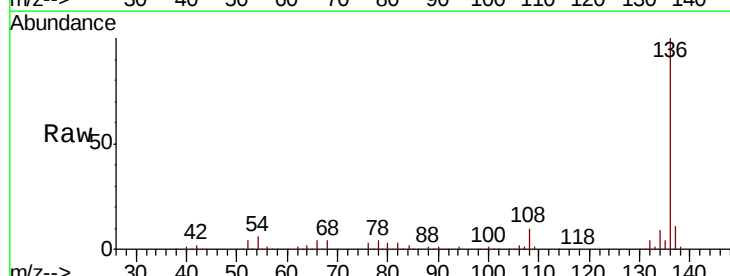
Delta R.T. -0.01 min

Lab File: BF118277.D

Acq: 19 Dec 2019 14:10

Tgt Ion: 136 Resp: 462094

Ion	Ratio	Lower	Upper
136	100		
137	10.6	9.0	13.6
54	5.9	5.0	7.6
68	4.3	3.8	5.8



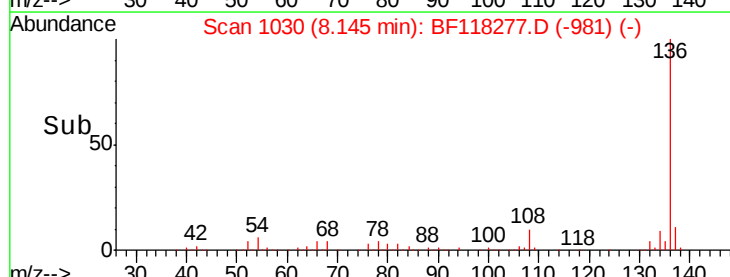
Abundance

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

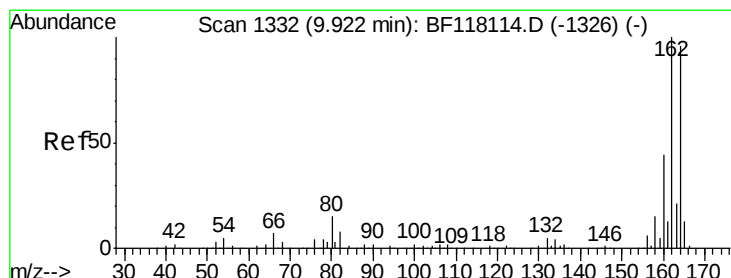
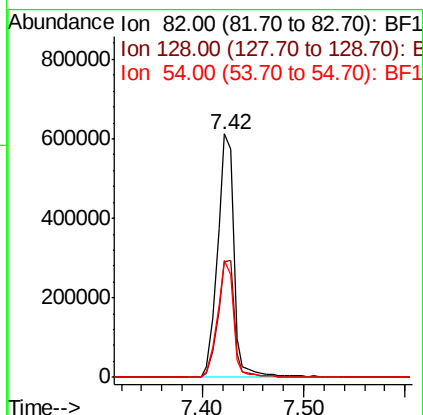
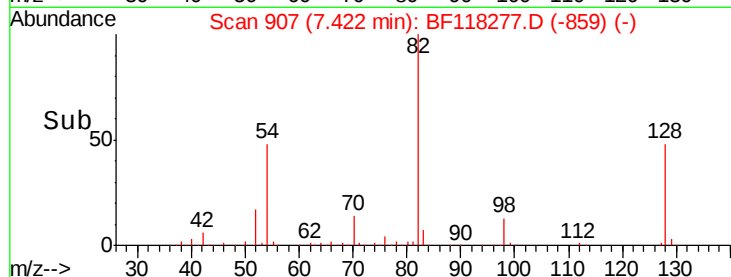
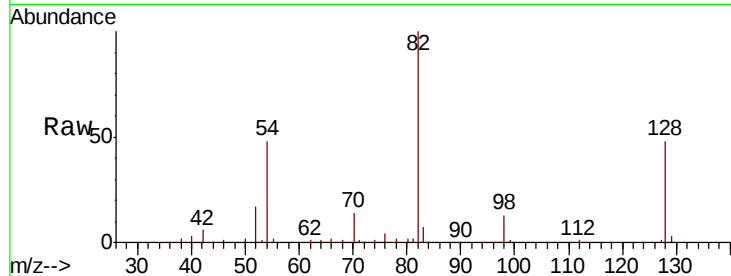




#23
 Nitrobenzene-d5
 Concen: 84.052 ng
 RT: 7.42 min Scan# 907
 Delta R.T. -0.02 min
 Lab File: BF118277.D
 Acq: 19 Dec 2019 14:10

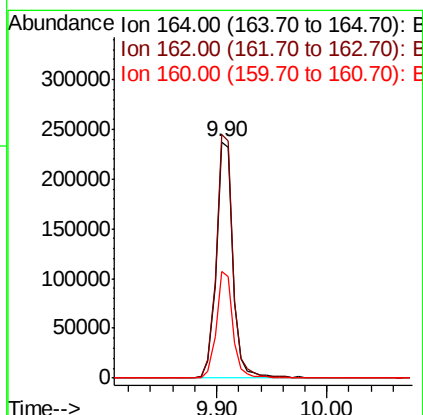
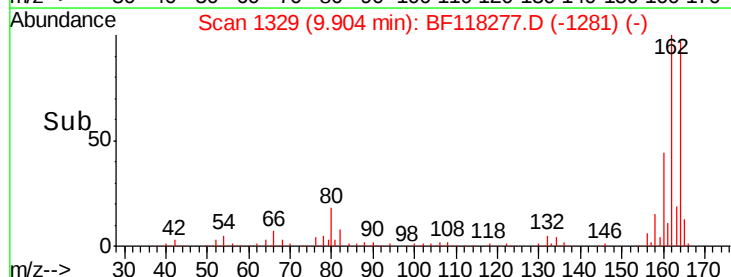
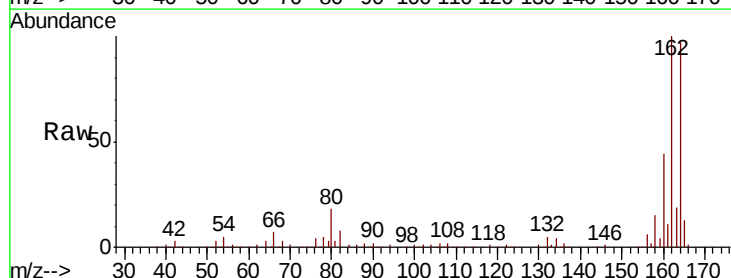
Instrument :
 BNA_F
 ClientSampleId :
 PB125579BL

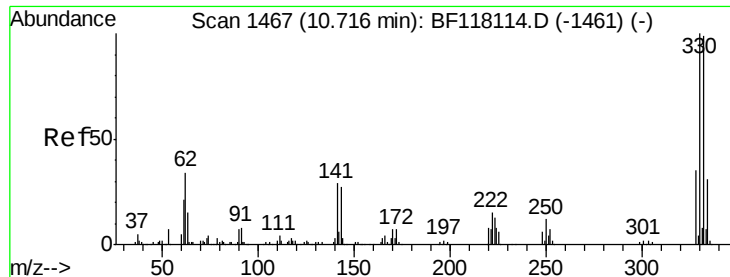
Tot Ion: 82 Resp: 690392
 Ion Ratio Lower Upper
 82 100
 128 47.5 39.1 58.7
 54 48.2 38.2 57.2



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.90 min Scan# 1329
 Delta R.T. -0.02 min
 Lab File: BF118277.D
 Acq: 19 Dec 2019 14:10

Tgt Ion:164 Resp: 248305
 Ion Ratio Lower Upper
 164 100
 162 103.0 83.4 125.0
 160 44.9 36.6 54.8

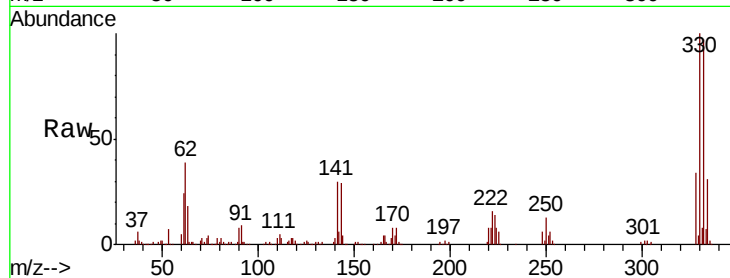




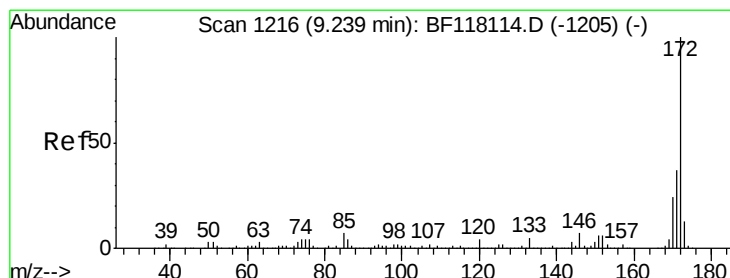
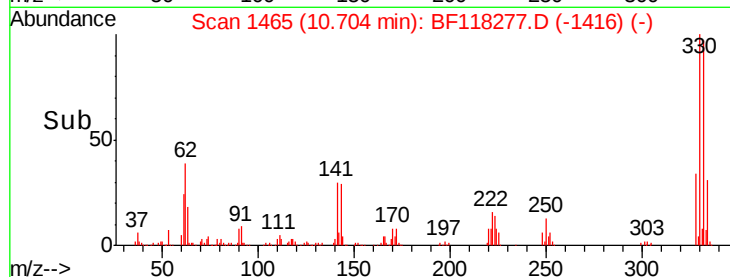
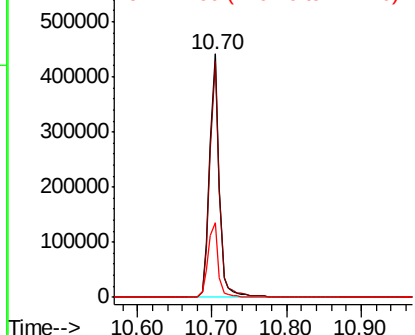
#42
 2,4,6-Tribromophenol
 Concen: 133.548 ng
 RT: 10.70 min Scan# 1465
 Delta R.T. -0.01 min
 Lab File: BF118277.D
 Acq: 19 Dec 2019 14:10

Instrument :
 BNA_F
 ClientSampleId :
 PB125579BL

Tot Ion:330 Resp: 402842
 Ion Ratio Lower Upper
 330 100
 332 95.8 78.1 117.1
 141 32.4 26.9 40.3

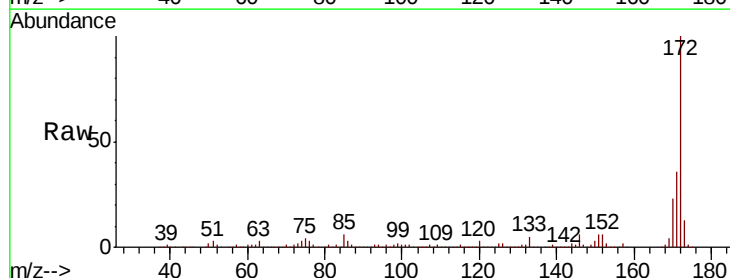


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

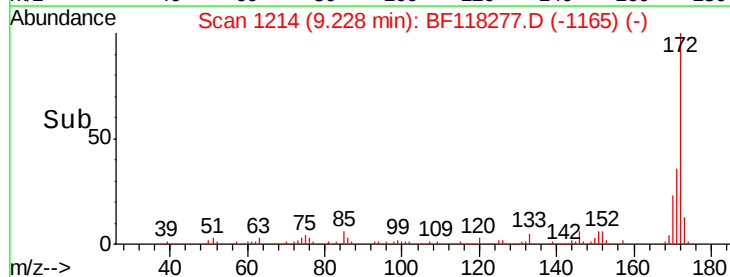
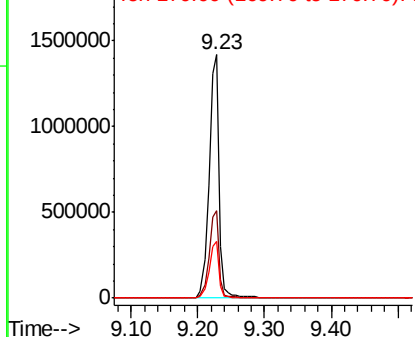


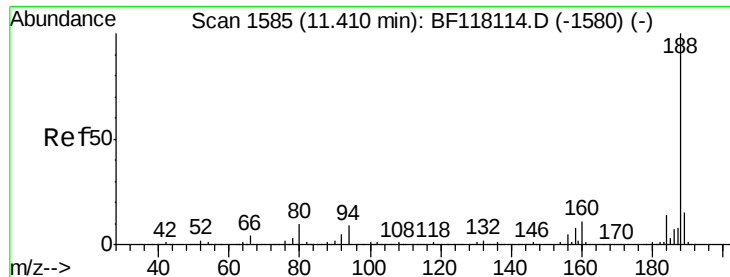
#45
 2-Fluorobiphenyl
 Concen: 90.432 ng
 RT: 9.23 min Scan# 1214
 Delta R.T. -0.01 min
 Lab File: BF118277.D
 Acq: 19 Dec 2019 14:10

Tgt Ion:172 Resp: 1475689
 Ion Ratio Lower Upper
 172 100
 171 35.8 29.2 43.8
 170 23.5 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

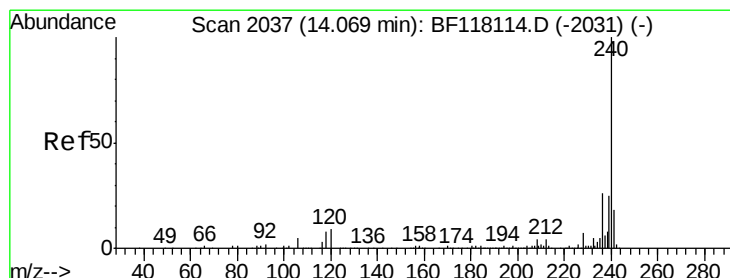
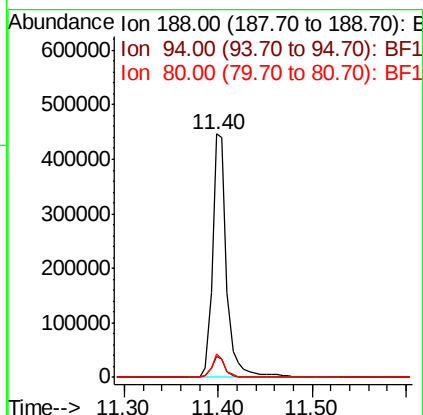
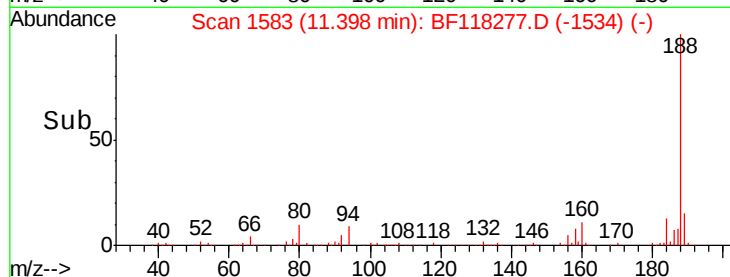
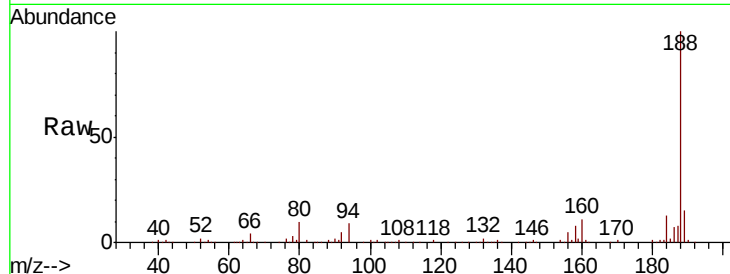




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1583
Delta R.T. -0.01 min
Lab File: BF118277.D
Acq: 19 Dec 2019 14:10

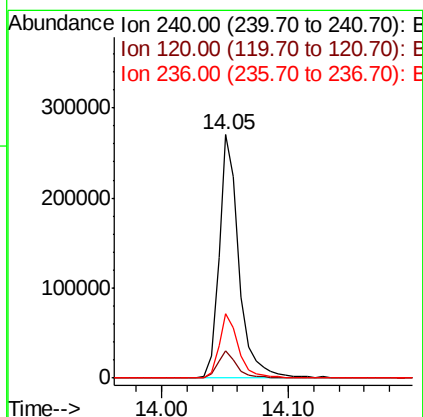
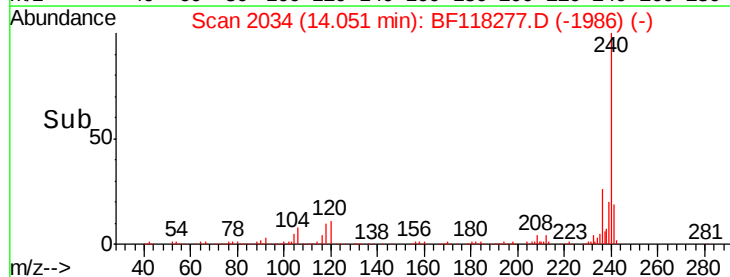
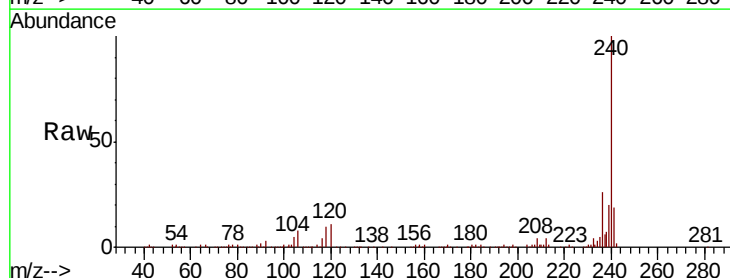
Instrument :
BNA_F
ClientSampleId :
PB125579BL

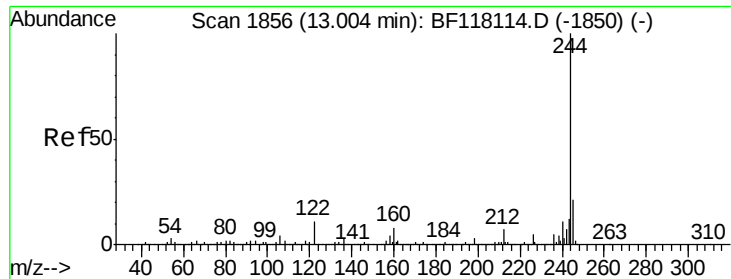
Tot Ion:188 Resp: 477022
Ion Ratio Lower Upper
188 100
94 8.7 7.1 10.7
80 9.9 7.9 11.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.05 min Scan# 2034
Delta R.T. -0.02 min
Lab File: BF118277.D
Acq: 19 Dec 2019 14:10

Tgt Ion:240 Resp: 294121
Ion Ratio Lower Upper
240 100
120 11.0 7.1 10.7#
236 26.2 21.0 31.6





#79

Terphenyl-d14

Concen: 102.935 ng

RT: 12.99 min Scan# 1854

Delta R.T. -0.01 min

Lab File: BF118277.D

Acq: 19 Dec 2019 14:10

Instrument :

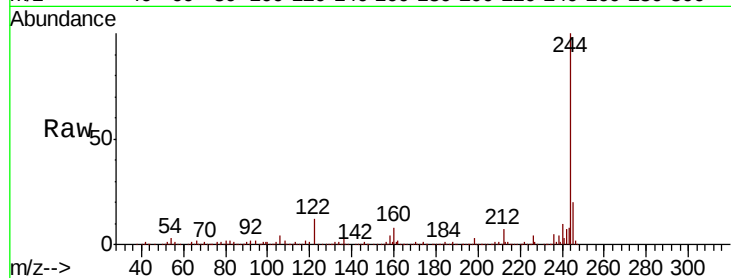
BNA_F

ClientSampleId :

PB125579BL

Tot Ion:244 Resp: 1760571

Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.9	8.9
122	12.4	9.0	13.6

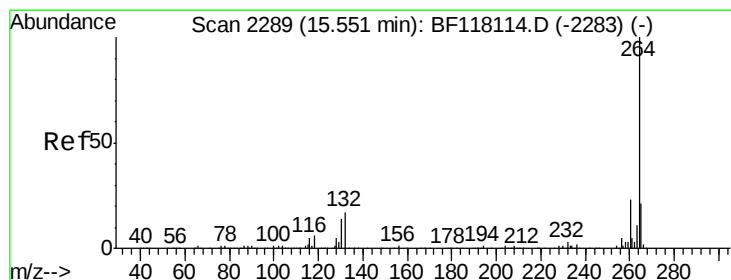
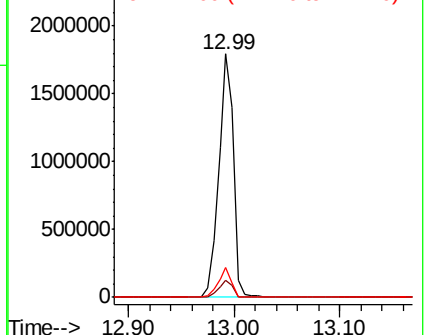
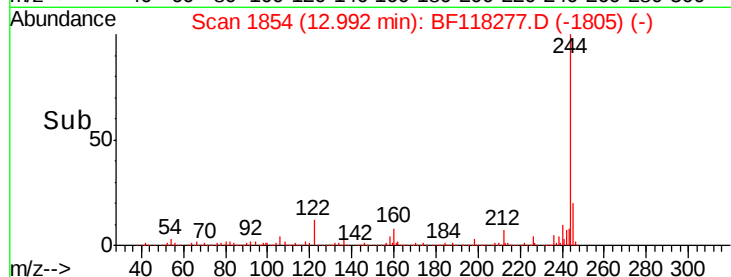


Abundance

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: 15.54 min Scan# 2288

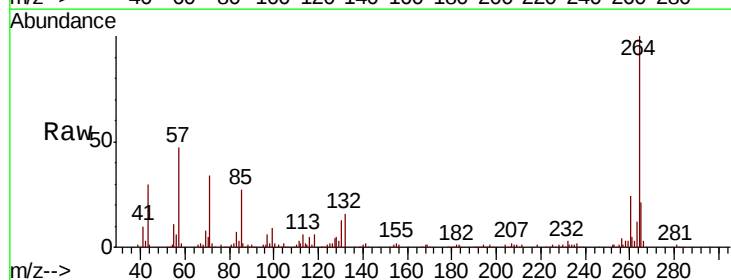
Delta R.T. -0.01 min

Lab File: BF118277.D

Acq: 19 Dec 2019 14:10

Tgt Ion:264 Resp: 244192

Ion	Ratio	Lower	Upper
264	100		
260	23.5	18.6	28.0
265	21.0	16.8	25.2



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

