

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121919\
 Data File : BF118288.D
 Acq On : 19 Dec 2019 19:25
 Operator : JU
 Sample : K6317-10
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 178K-WC2

Quant Time: Dec 20 04:17:39 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

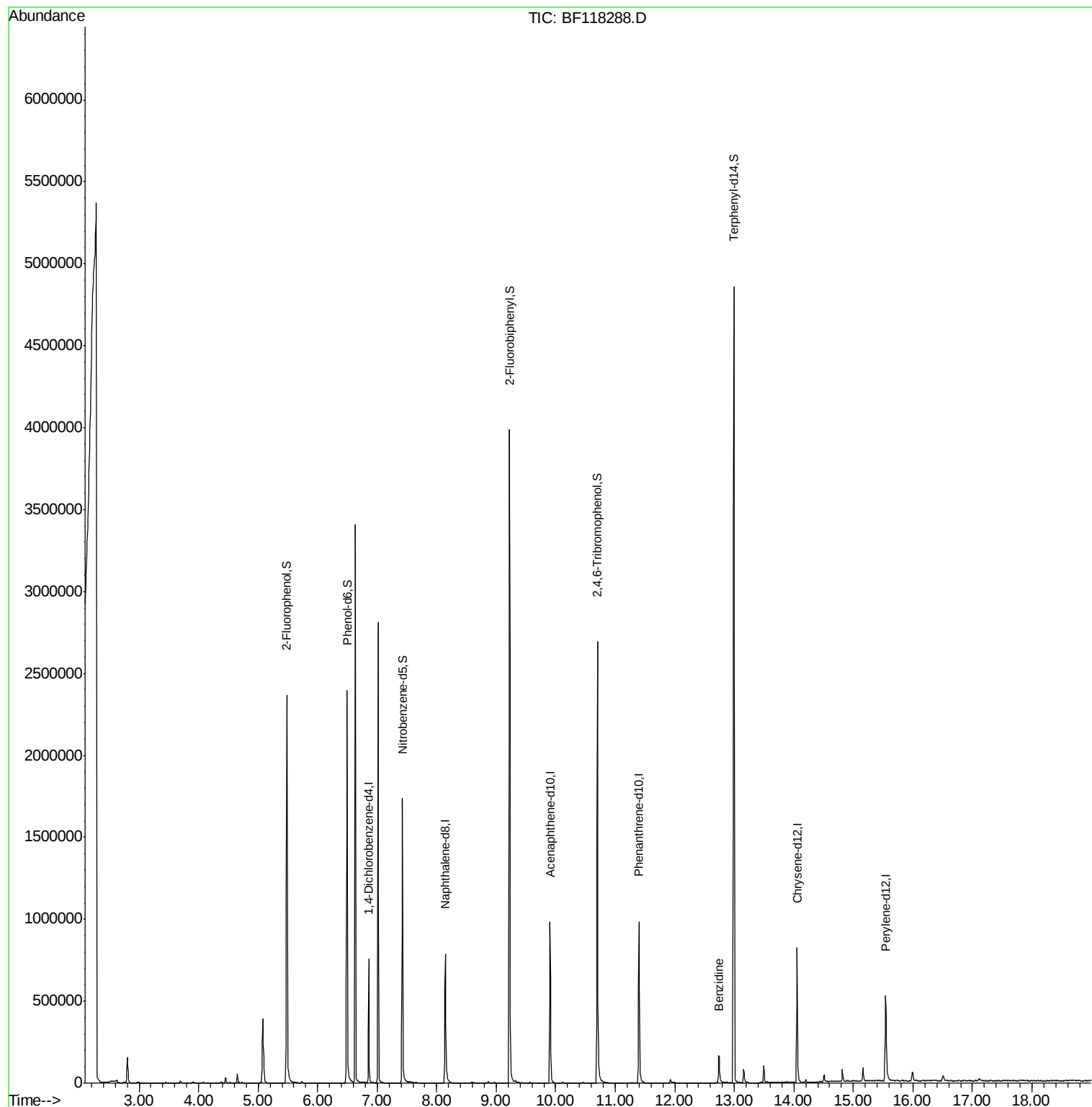
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	103479	20.00	ng	-0.01
21) Naphthalene-d8	8.15	136	401941	20.00	ng	-0.01
39) Acenaphthene-d10	9.90	164	209719	20.00	ng	-0.02
64) Phenanthrene-d10	11.40	188	404822	20.00	ng	-0.01
76) Chrysene-d12	14.05	240	309990	20.00	ng	-0.02
87) Perylene-d12	15.54	264	285276	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	753584	127.55	ng	0.00
7) Phenol-d6	6.49	99	835332	116.89	ng	0.00
23) Nitrobenzene-d5	7.42	82	633923	88.73	ng	-0.02
42) 2,4,6-Tribromophenol	10.70	330	383912	150.69	ng	-0.02
45) 2-Fluorobiphenyl	9.22	172	1251846	90.83	ng	-0.02
79) Terphenyl-d14	12.99	244	1762695	97.78	ng	-0.01
Target Compounds						
77) Benzidine	12.74	184	94925	11.632	ng	Qvalue 98

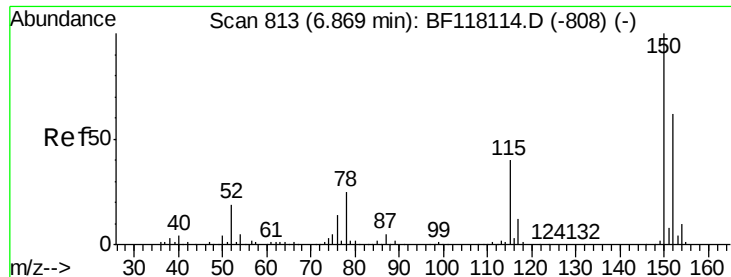
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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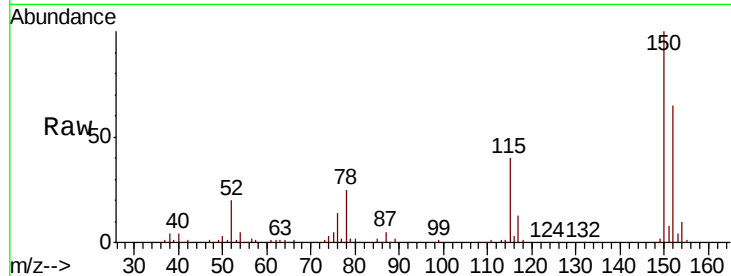


#1

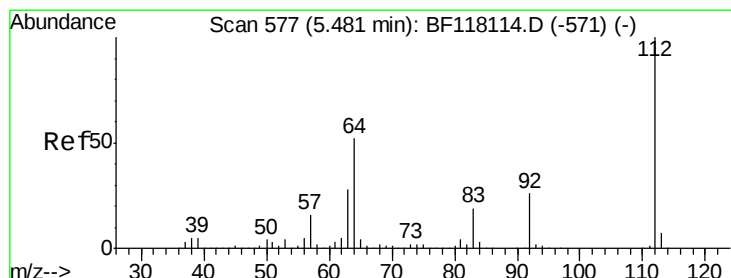
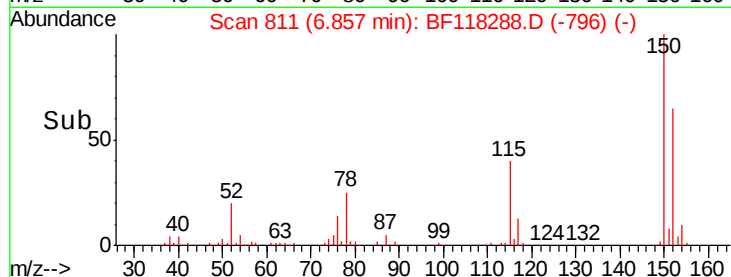
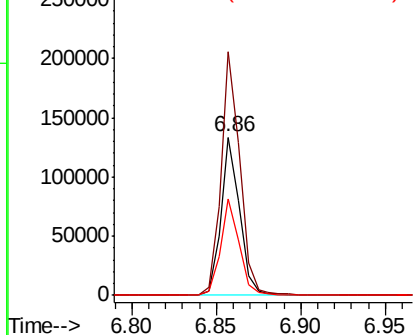
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 811
Delta R.T. -0.01 min
Lab File: BF118288.D
Acq: 19 Dec 2019 19:25

Instrument :
BNA_F
ClientSampleId :
178K-WC2

Tot Ion:152 Resp: 103479
Ion Ratio Lower Upper
152 100
150 154.0 128.3 192.5
115 61.2 51.1 76.7



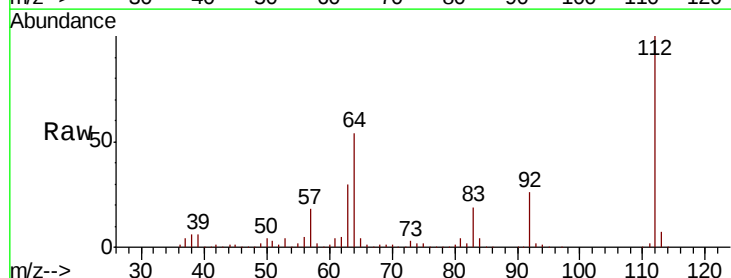
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



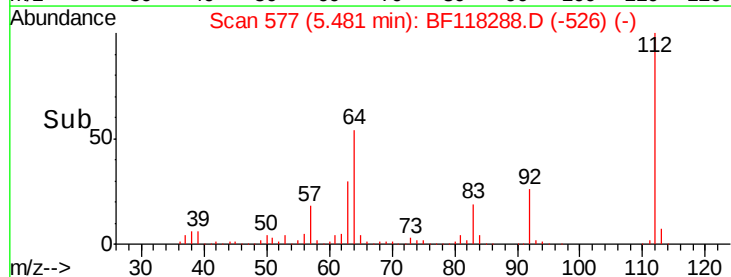
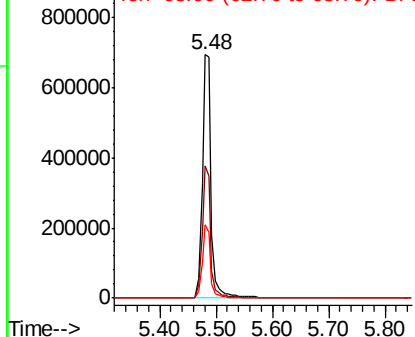
#5

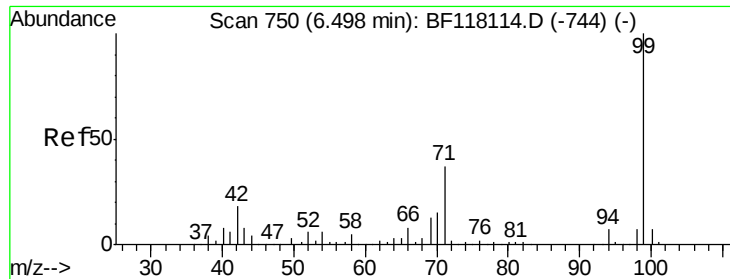
2-Fluorophenol
Concen: 127.550 ng
RT: 5.48 min Scan# 577
Delta R.T. 0.00 min
Lab File: BF118288.D
Acq: 19 Dec 2019 19:25

Tgt Ion:112 Resp: 753584
Ion Ratio Lower Upper
112 100
64 54.5 41.3 61.9
63 29.9 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: 116.894 ng

RT: 6.49 min Scan# 749

Delta R.T. -0.01 min

Lab File: BF118288.D

Acq: 19 Dec 2019 19:25

Instrument :

BNA_F

ClientSampleId :

178K-WC2

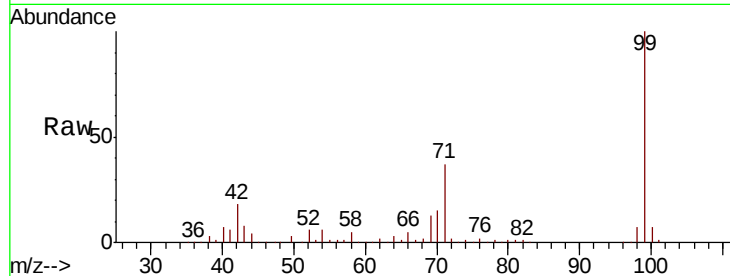
Tot Ion: 99 Resp: 835332

Ion Ratio Lower Upper

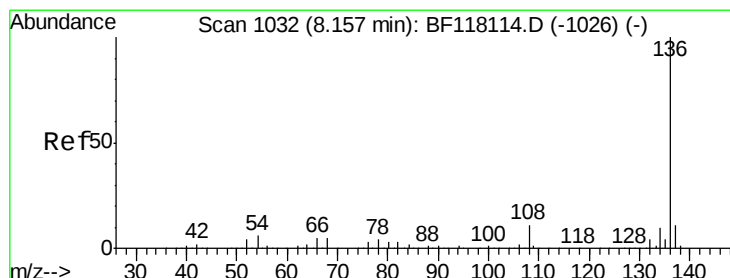
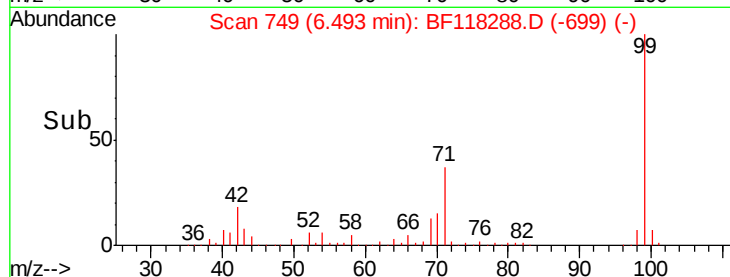
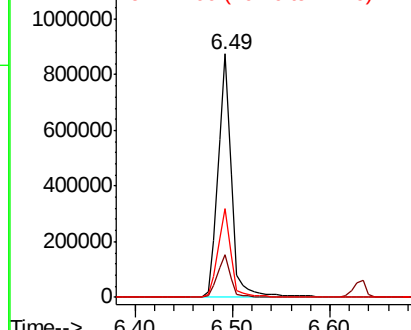
99 100

42 17.5 14.1 21.1

71 36.7 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: BF118288.D

Acq: 19 Dec 2019 19:25

Tgt Ion: 136 Resp: 401941

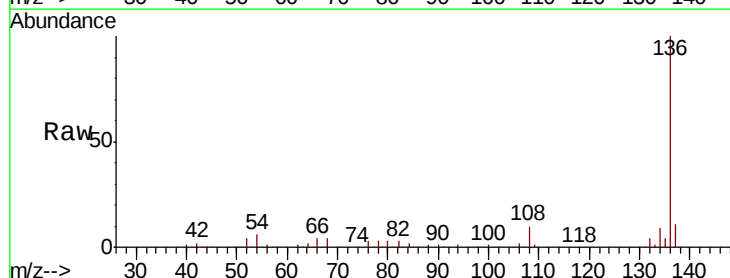
Ion Ratio Lower Upper

136 100

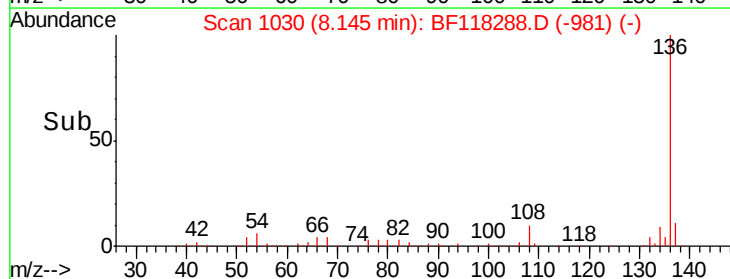
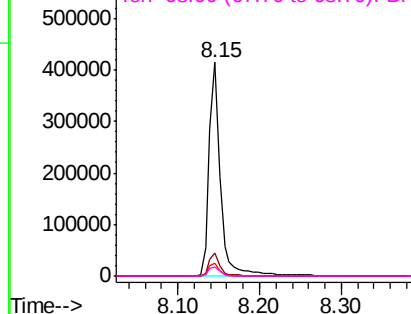
137 10.7 9.0 13.6

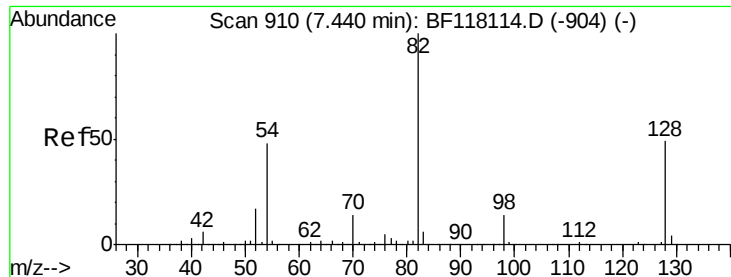
54 5.8 5.0 7.6

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

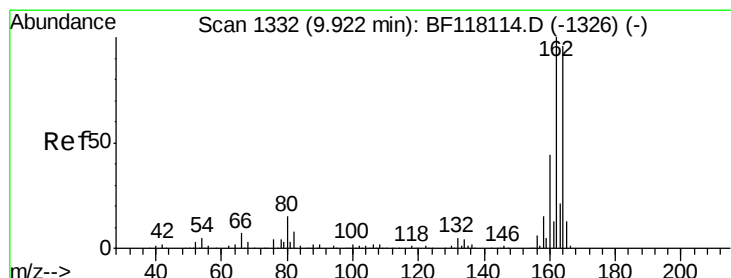
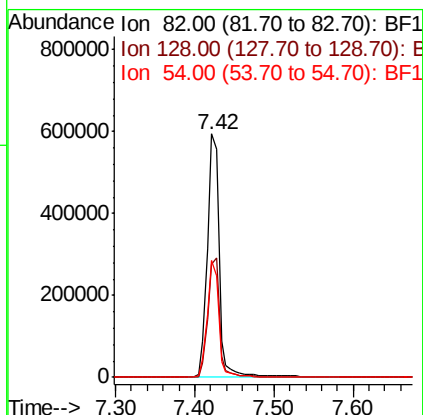
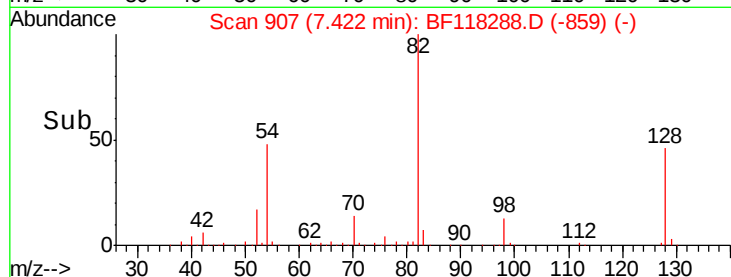
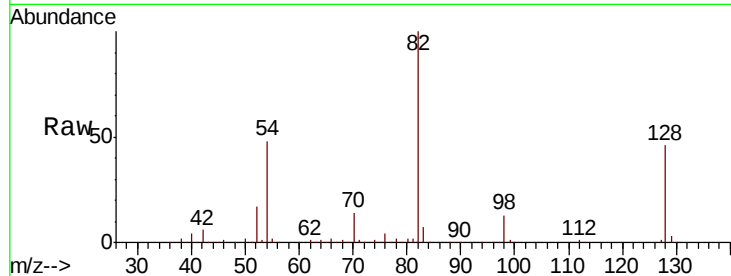




#23
 Nitrobenzene-d5
 Concen: 88.727 ng
 RT: 7.42 min Scan# 907
 Delta R.T. -0.02 min
 Lab File: BF118288.D
 Acq: 19 Dec 2019 19:25

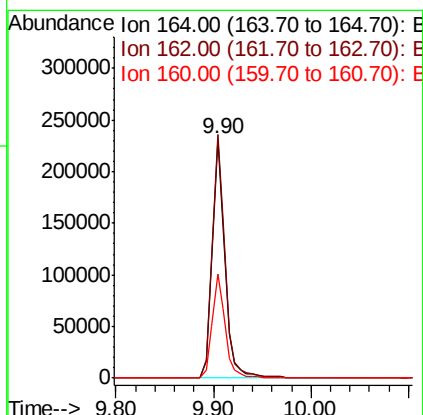
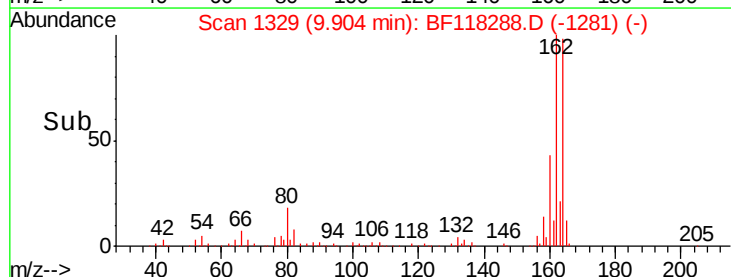
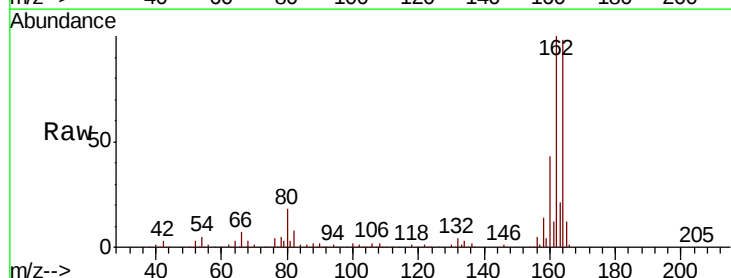
Instrument :
 BNA_F
 ClientSampleId :
 178K-WC2

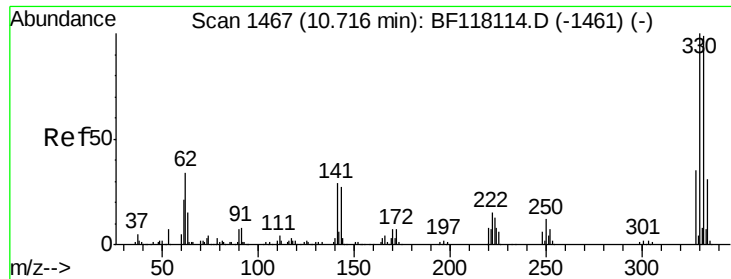
Tot Ion: 82 Resp: 633923
 Ion Ratio Lower Upper
 82 100
 128 46.4 39.1 58.7
 54 48.1 38.2 57.2



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.90 min Scan# 1329
 Delta R.T. -0.02 min
 Lab File: BF118288.D
 Acq: 19 Dec 2019 19:25

Tgt Ion:164 Resp: 209719
 Ion Ratio Lower Upper
 164 100
 162 101.9 83.4 125.0
 160 43.6 36.6 54.8

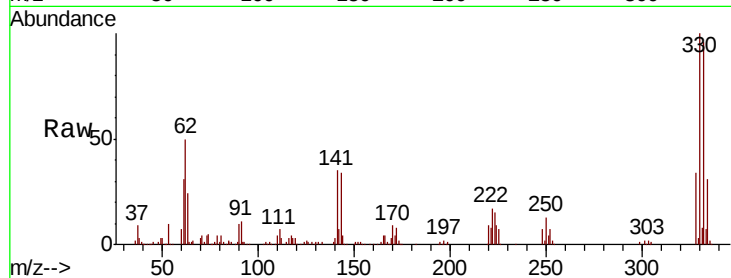




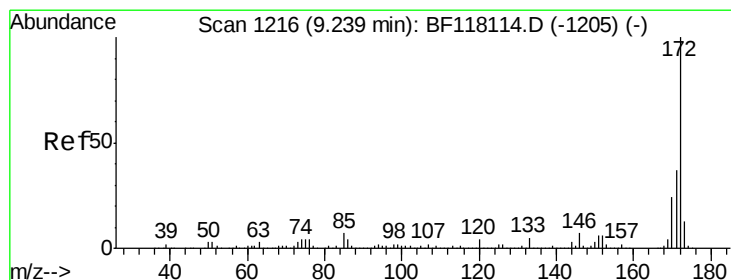
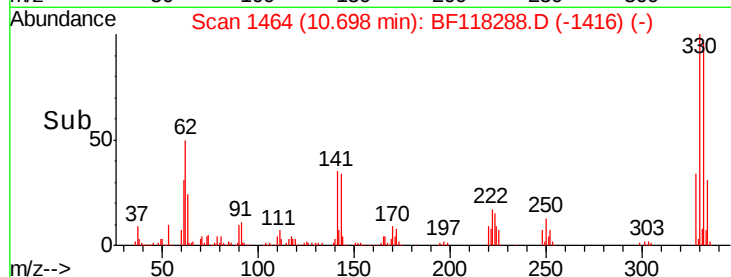
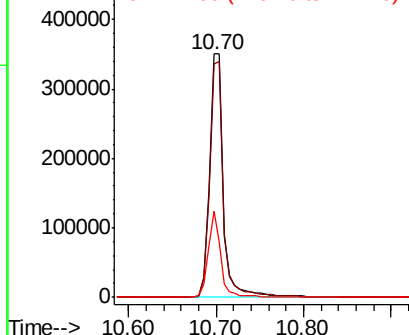
#42
 2,4,6-Tribromophenol
 Concen: 150.689 ng
 RT: 10.70 min Scan# 1464
 Delta R.T. -0.02 min
 Lab File: BF118288.D
 Acq: 19 Dec 2019 19:25

Instrument :
 BNA_F
 ClientSampleId :
 178K-WC2

Tot Ion:330 Resp: 383912
 Ion Ratio Lower Upper
 330 100
 332 96.6 78.1 117.1
 141 32.3 26.9 40.3

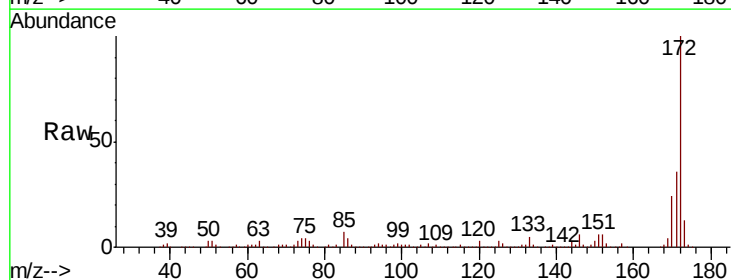


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

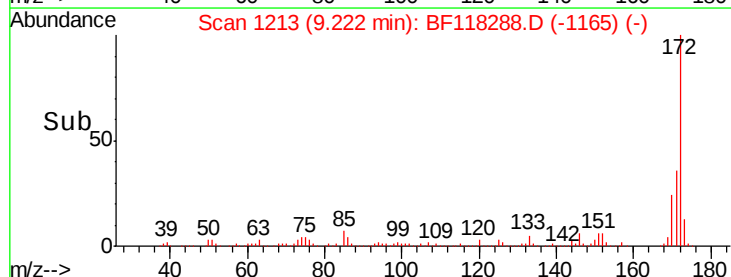
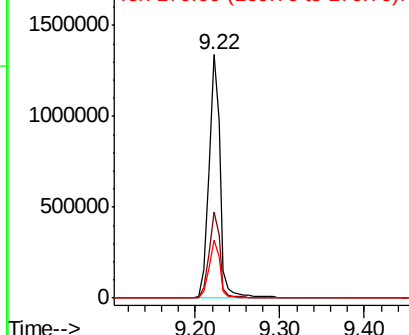


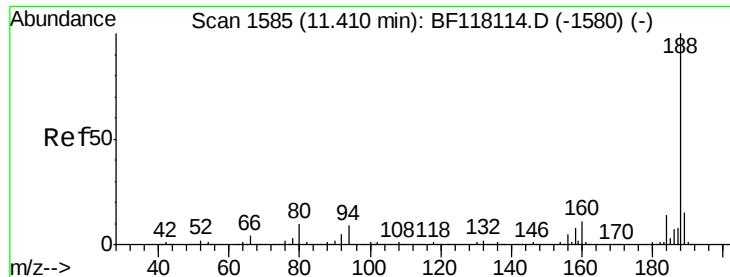
#45
 2-Fluorobiphenyl
 Concen: 90.829 ng
 RT: 9.22 min Scan# 1213
 Delta R.T. -0.02 min
 Lab File: BF118288.D
 Acq: 19 Dec 2019 19:25

Tgt Ion:172 Resp: 1251846
 Ion Ratio Lower Upper
 172 100
 171 35.6 29.2 43.8
 170 23.8 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

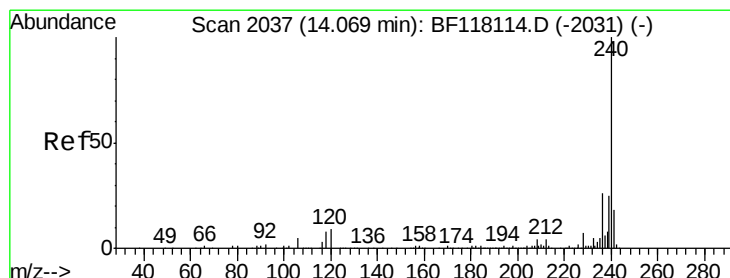
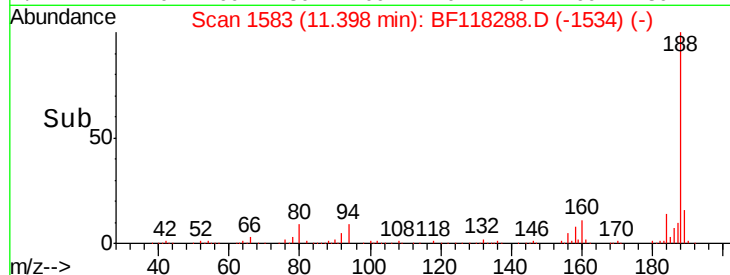
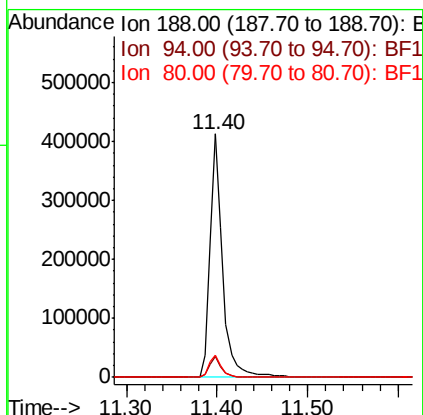
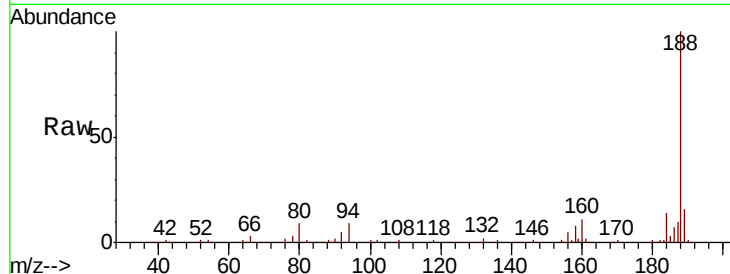




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1583
Delta R.T. -0.01 min
Lab File: BF118288.D
Acq: 19 Dec 2019 19:25

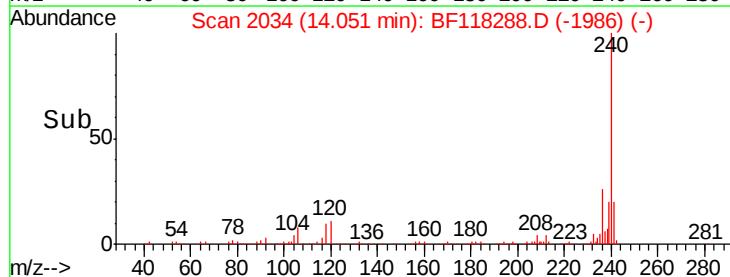
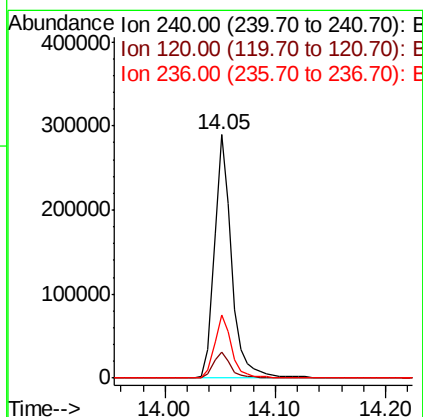
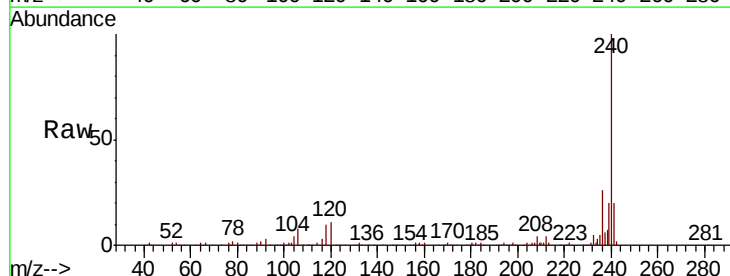
Instrument :
BNA_F
ClientSampled :
178K-WC2

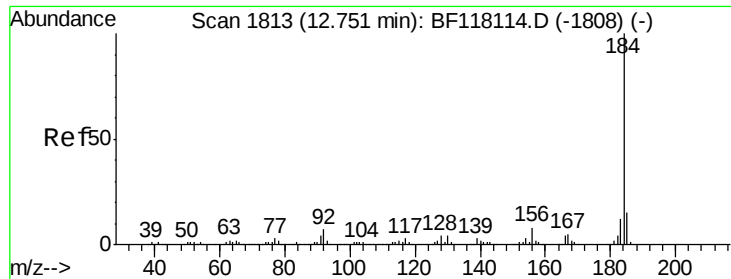
Tot Ion:188 Resp: 404822
Ion Ratio Lower Upper
188 100
94 8.6 7.1 10.7
80 9.2 7.9 11.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.05 min Scan# 2034
Delta R.T. -0.02 min
Lab File: BF118288.D
Acq: 19 Dec 2019 19:25

Tgt Ion:240 Resp: 309990
Ion Ratio Lower Upper
240 100
120 10.9 7.1 10.7#
236 26.1 21.0 31.6





#77

Benzidine

Concen: 11.632 ng

RT: 12.74 min Scan# 1811

Delta R.T. -0.01 min

Lab File: BF118288.D

Acq: 19 Dec 2019 19:25

Instrument :

BNA_F

ClientSampleId :

178K-WC2

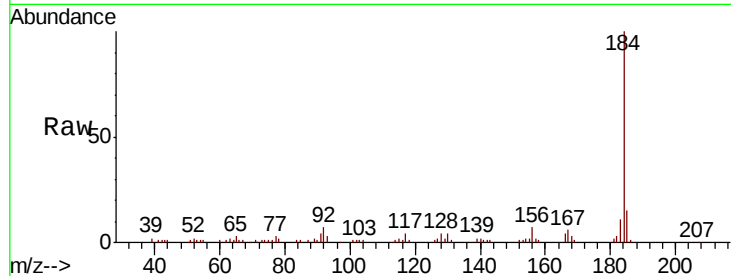
Tot Ion:184 Resp: 94925

Ion Ratio Lower Upper

184 100

185 14.8 12.3 18.5

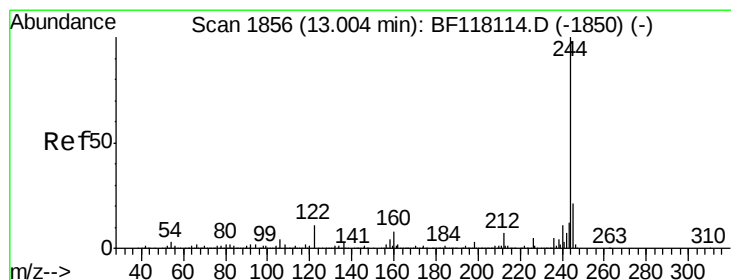
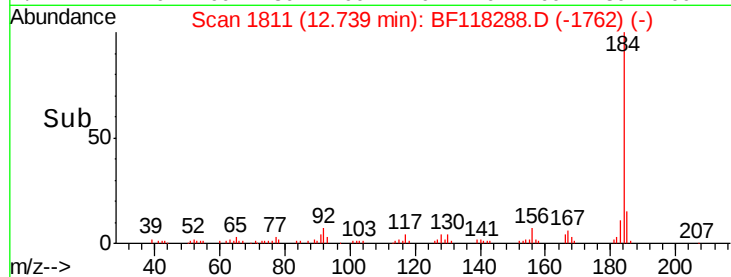
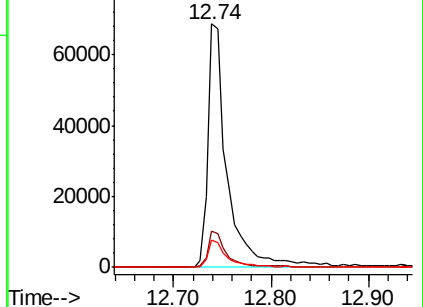
183 11.2 9.9 14.9



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#79

Terphenyl-d14

Concen: 97.783 ng

RT: 12.99 min Scan# 1854

Delta R.T. -0.01 min

Lab File: BF118288.D

Acq: 19 Dec 2019 19:25

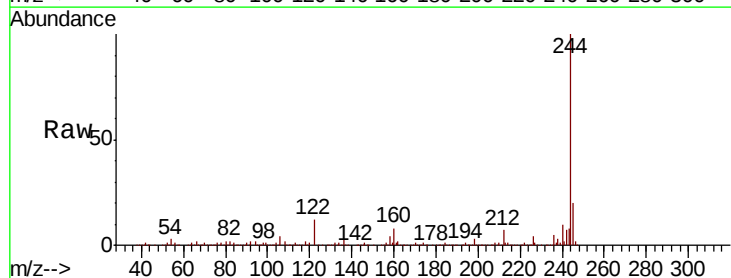
Tgt Ion:244 Resp: 1762695

Ion Ratio Lower Upper

244 100

212 6.9 5.9 8.9

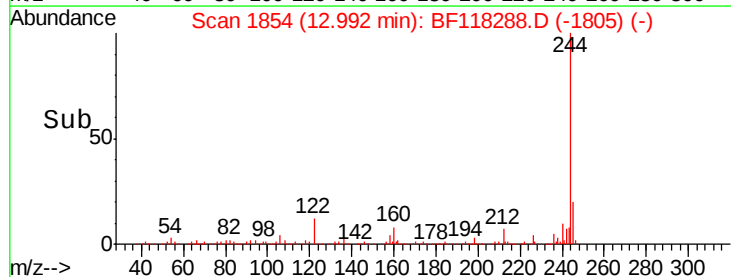
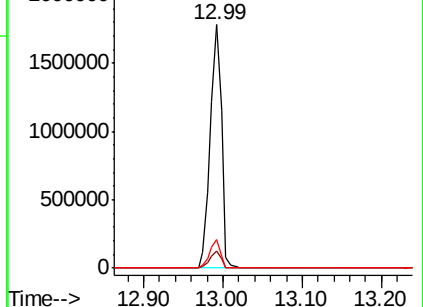
122 11.7 9.0 13.6

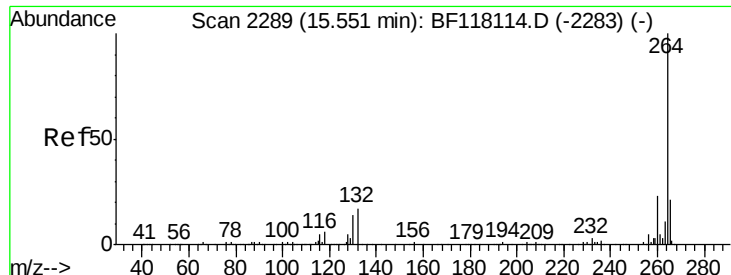


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.54 min Scan# 2288
 Delta R.T. -0.01 min
 Lab File: BF118288.D
 Acq: 19 Dec 2019 19:25

Instrument :
 BNA_F
 ClientSampleId :
 178K-WC2

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.1	18.6	28.0
265	21.8	16.8	25.2

