

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121919\
 Data File : BF118284.D
 Acq On : 19 Dec 2019 17:32
 Operator : JU
 Sample : K6318-09
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 X089-WC-1

Quant Time: Dec 20 04:02:11 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

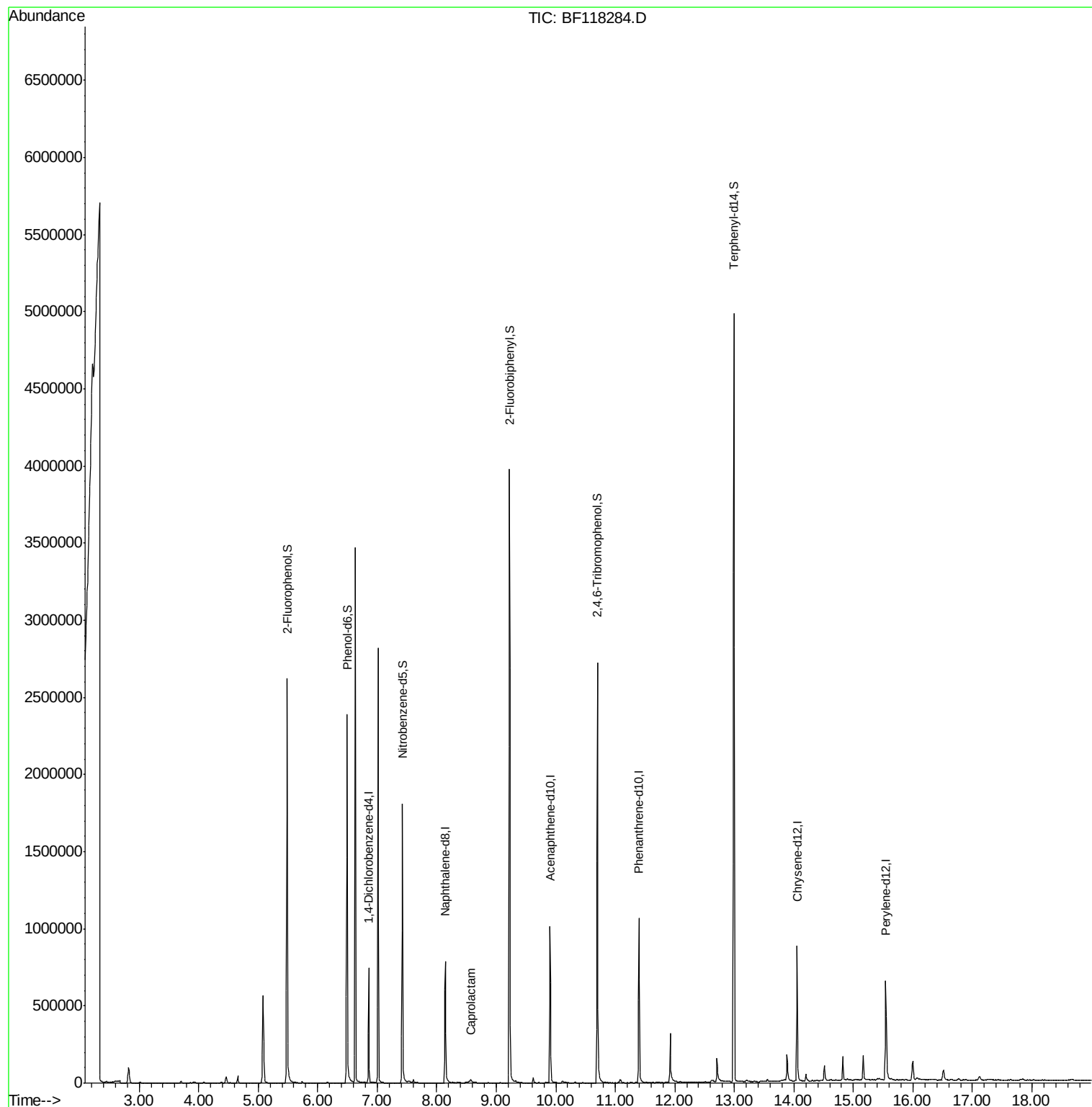
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	100394	20.00	ng	-0.01
21) Naphthalene-d8	8.15	136	394943	20.00	ng	-0.01
39) Acenaphthene-d10	9.90	164	210282	20.00	ng	-0.02
64) Phenanthrene-d10	11.40	188	408540	20.00	ng	-0.01
76) Chrysene-d12	14.05	240	322503	20.00	ng	-0.02
87) Perylene-d12	15.54	264	309213	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	763657	133.23	ng	0.00
7) Phenol-d6	6.49	99	866080	124.92	ng	0.00
23) Nitrobenzene-d5	7.42	82	619697	88.27	ng	-0.02
42) 2,4,6-Tribromophenol	10.70	330	377313	147.70	ng	-0.01
45) 2-Fluorobiphenyl	9.22	172	1250678	90.50	ng	-0.02
79) Terphenyl-d14	12.99	244	1718270	91.62	ng	-0.01
Target Compounds						
35) Caprolactam	8.57	113	8227	4.654	ng	Qvalue 96

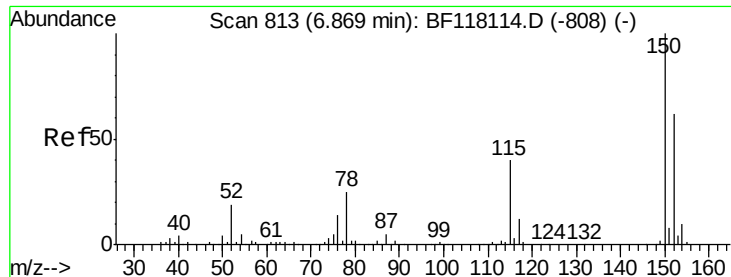
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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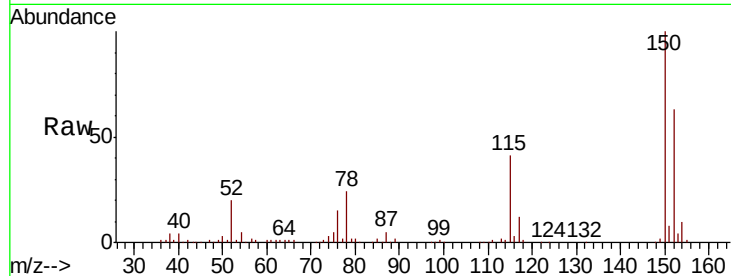


#1

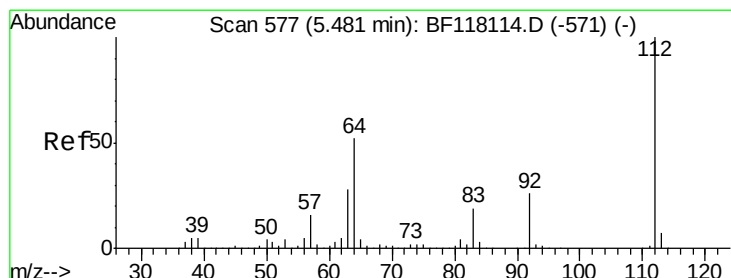
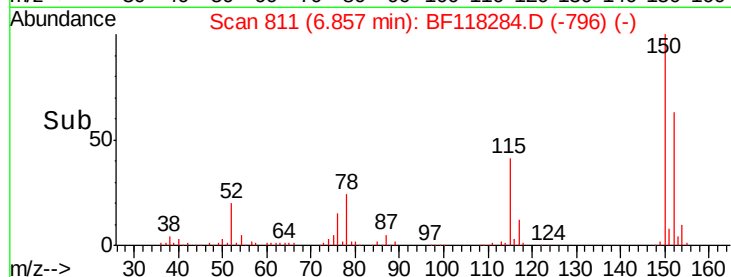
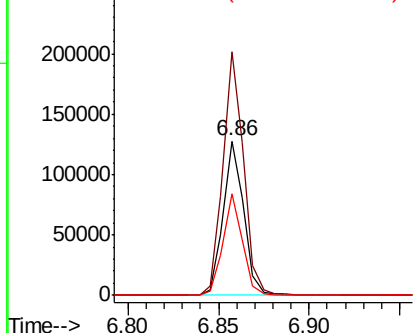
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 811
Delta R.T. -0.01 min
Lab File: BF118284.D
Acq: 19 Dec 2019 17:32

Instrument :
BNA_F
ClientSampleId :
X089-WC-1

Tot Ion:152 Resp: 100394
Ion Ratio Lower Upper
152 100
150 158.1 128.3 192.5
115 65.6 51.1 76.7



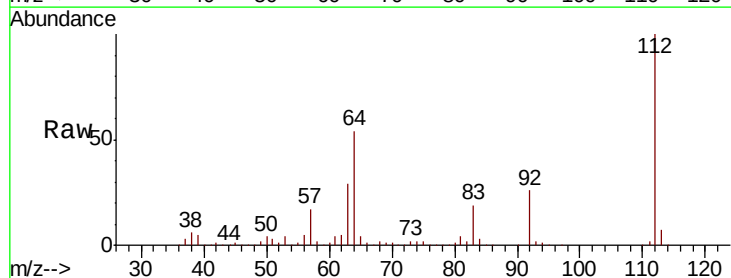
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



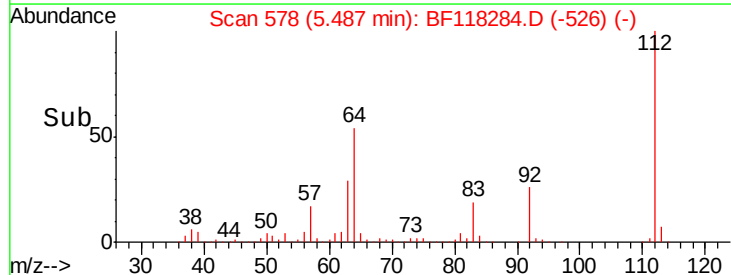
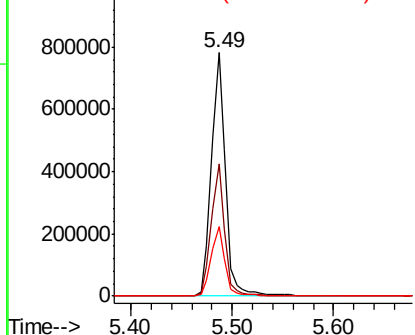
#5

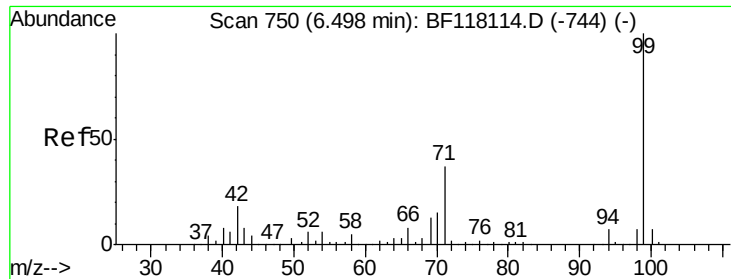
2-Fluorophenol
Concen: 133.227 ng
RT: 5.49 min Scan# 578
Delta R.T. 0.01 min
Lab File: BF118284.D
Acq: 19 Dec 2019 17:32

Tgt Ion:112 Resp: 763657
Ion Ratio Lower Upper
112 100
64 54.1 41.3 61.9
63 28.8 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: 124.921 ng

RT: 6.49 min Scan# 749

Delta R.T. -0.01 min

Lab File: BF118284.D

Acq: 19 Dec 2019 17:32

Instrument :

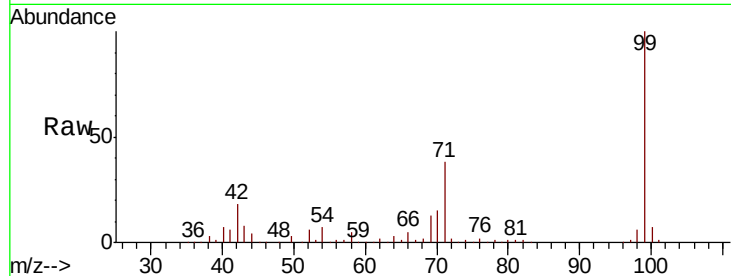
BNA_F

ClientSampleId :

X089-WC-1

Tot Ion: 99 Resp: 866080

Ion	Ratio	Lower	Upper
99	100		
42	17.7	14.1	21.1
71	38.1	29.7	44.5

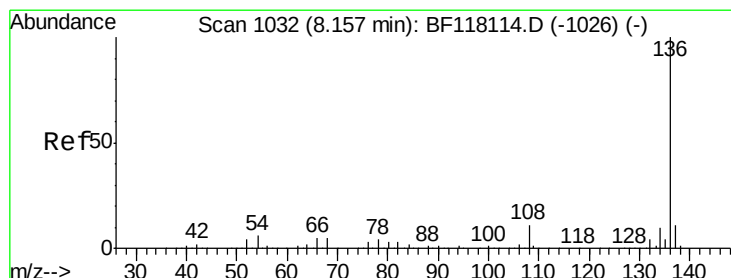
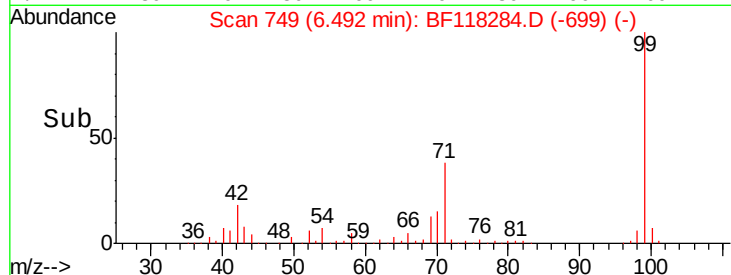
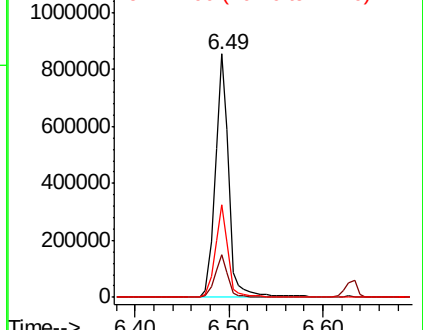


Abundance

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: BF118284.D

Acq: 19 Dec 2019 17:32

Tgt Ion: 136 Resp: 394943

Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.0	13.6
54	5.5	5.0	7.6
68	4.6	3.8	5.8

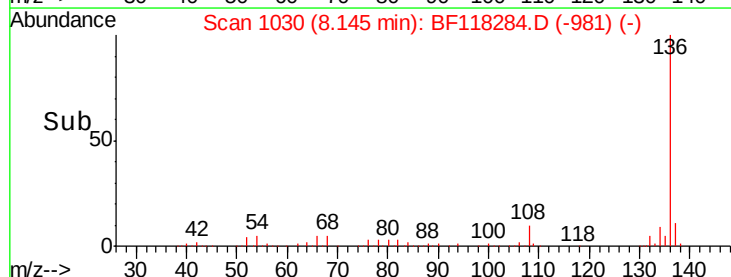
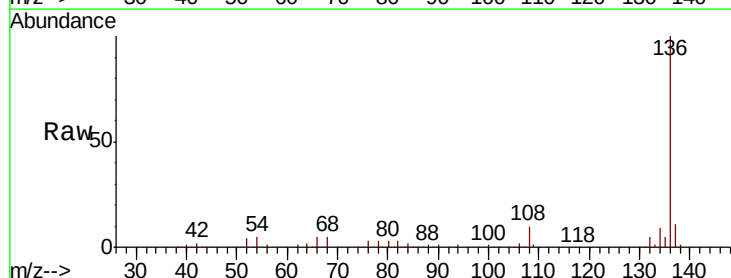
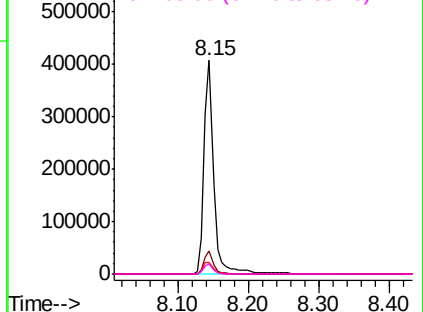
Abundance

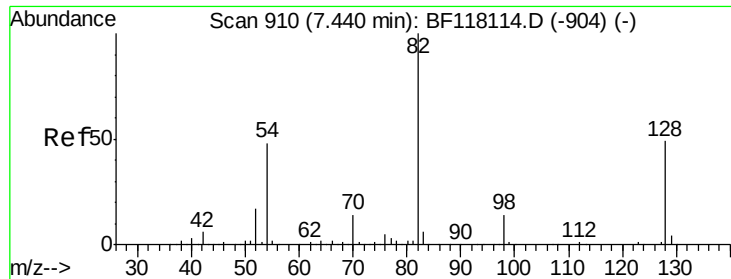
Ion 136.00 (135.70 to 136.70): E

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

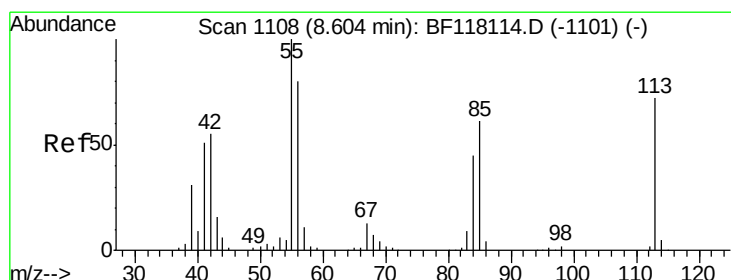
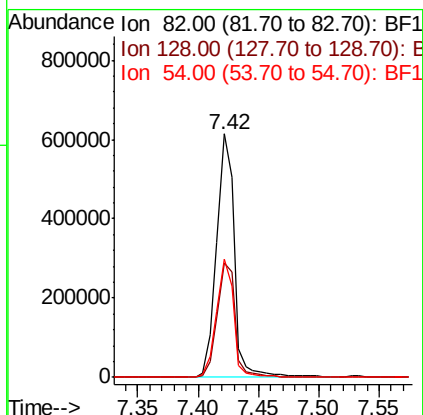
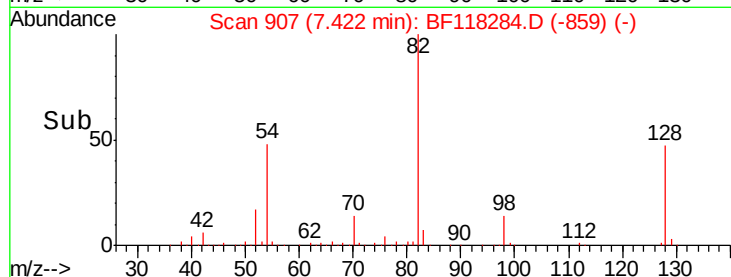
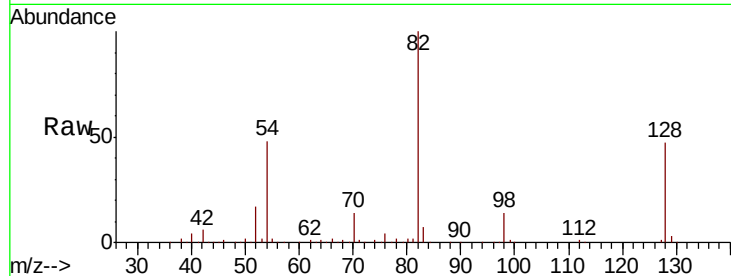




#23
 Nitrobenzene-d5
 Concen: 88.273 ng
 RT: 7.42 min Scan# 907
 Delta R.T. -0.02 min
 Lab File: BF118284.D
 Acq: 19 Dec 2019 17:32

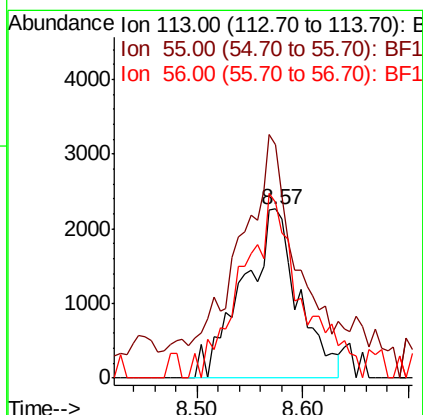
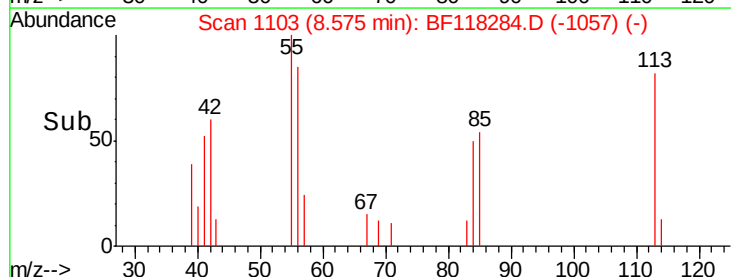
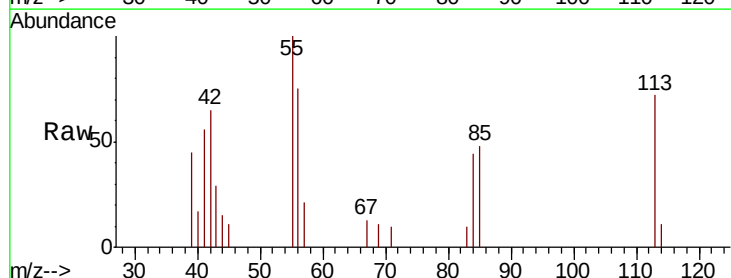
Instrument :
 BNA_F
 ClientSampleId :
 X089-WC-1

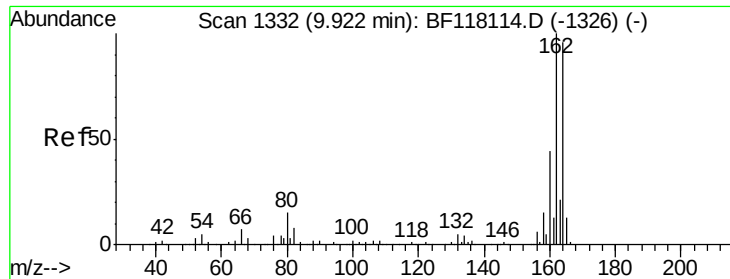
Tot Ion: 82 Resp: 619697
 Ion Ratio Lower Upper
 82 100
 128 47.0 39.1 58.7
 54 48.5 38.2 57.2



#35
 Caprolactam
 Concen: 4.654 ng
 RT: 8.57 min Scan# 1103
 Delta R.T. -0.03 min
 Lab File: BF118284.D
 Acq: 19 Dec 2019 17:32

Tgt Ion: 113 Resp: 8227
 Ion Ratio Lower Upper
 113 100
 55 138.0 118.9 158.9
 56 103.9 91.4 131.4

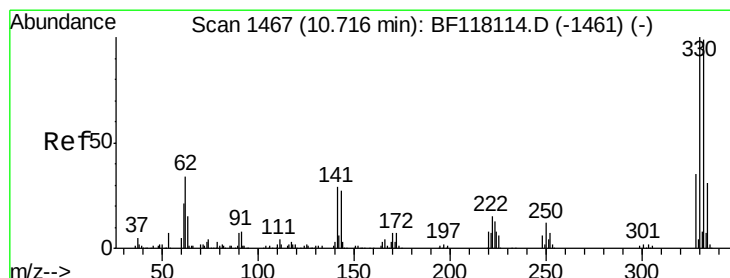
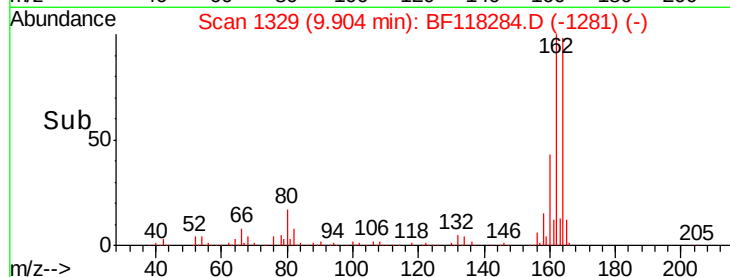
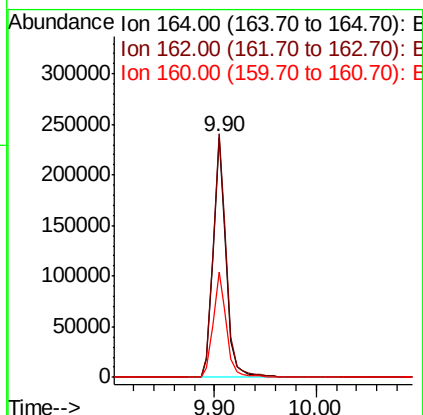
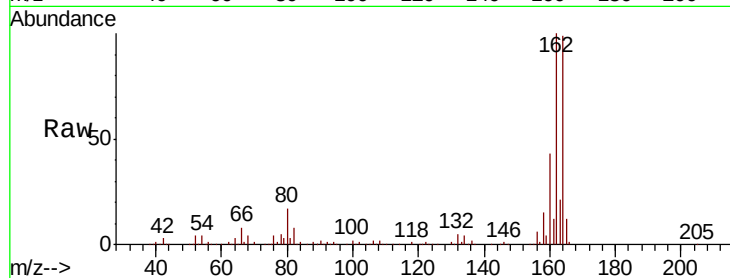




#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.90 min Scan# 1329
 Delta R.T. -0.02 min
 Lab File: BF118284.D
 Acq: 19 Dec 2019 17:32

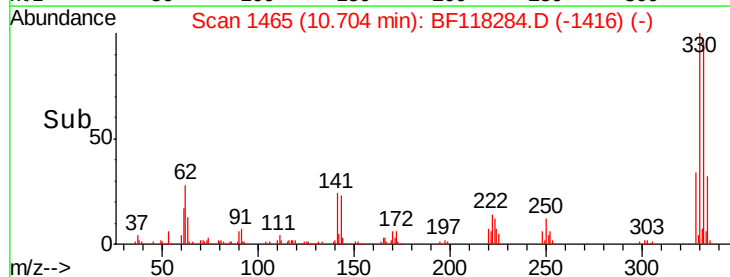
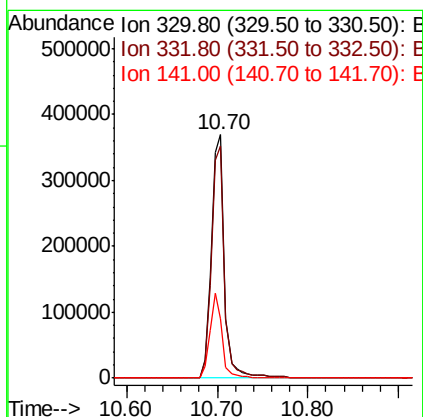
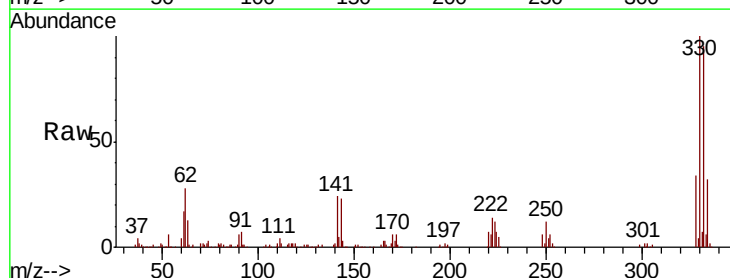
Instrument :
 BNA_F
 ClientSampled :
 X089-WC-1

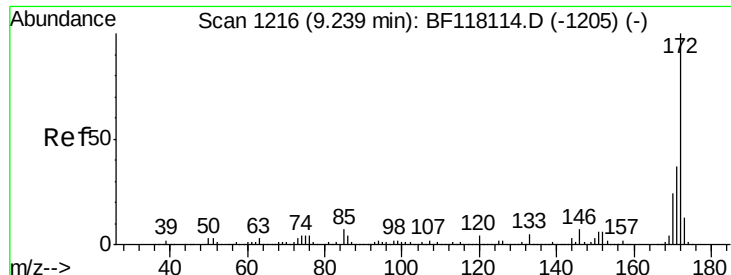
Tot Ion:164 Resp: 210282
 Ion Ratio Lower Upper
 164 100
 162 101.4 83.4 125.0
 160 43.7 36.6 54.8



#42
 2,4,6-Tribromophenol
 Concen: 147.703 ng
 RT: 10.70 min Scan# 1465
 Delta R.T. -0.01 min
 Lab File: BF118284.D
 Acq: 19 Dec 2019 17:32

Tgt Ion:330 Resp: 377313
 Ion Ratio Lower Upper
 330 100
 332 95.0 78.1 117.1
 141 33.0 26.9 40.3

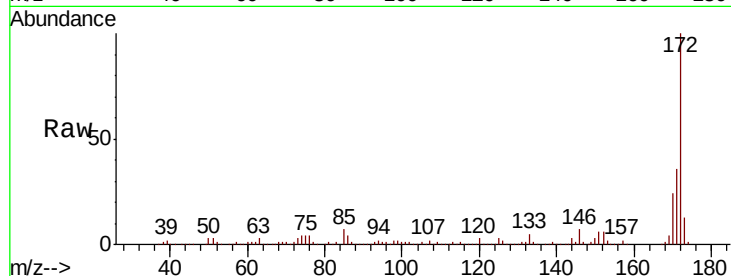




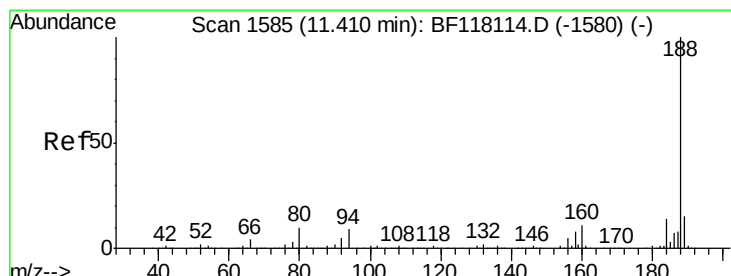
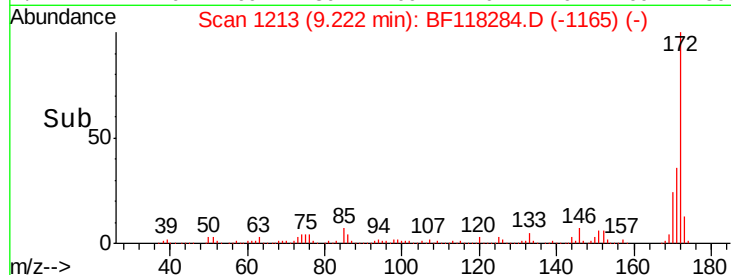
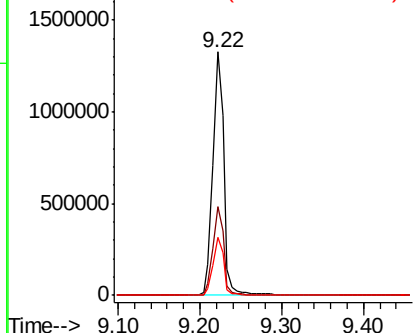
#45
2-Fluorobiphenyl
Concen: 90.502 ng
RT: 9.22 min Scan# 1213
Delta R.T. -0.02 min
Lab File: BF118284.D
Acq: 19 Dec 2019 17:32

Instrument :
BNA_F
ClientSampleId :
X089-WC-1

Tot Ion:172 Resp: 1250678
Ion Ratio Lower Upper
172 100
171 36.2 29.2 43.8
170 23.9 19.4 29.2

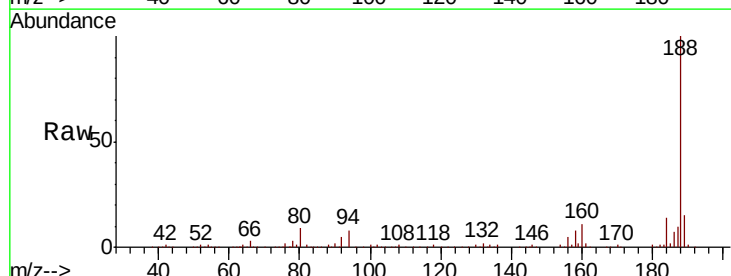


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

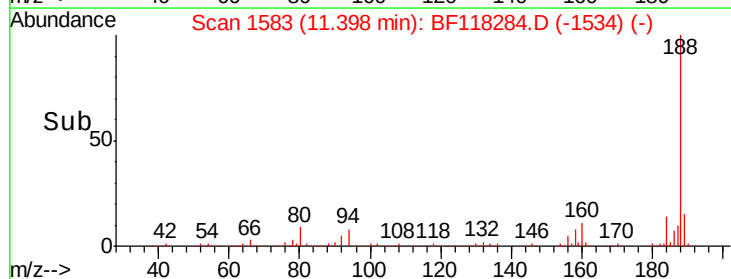
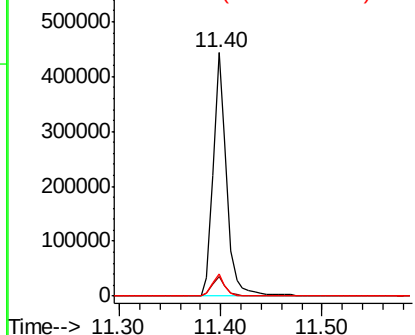


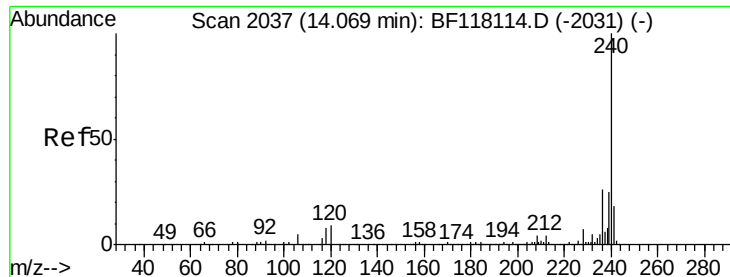
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1583
Delta R.T. -0.01 min
Lab File: BF118284.D
Acq: 19 Dec 2019 17:32

Tgt Ion:188 Resp: 408540
Ion Ratio Lower Upper
188 100
94 8.2 7.1 10.7
80 9.0 7.9 11.9



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: 14.05 min Scan# 2034

Delta R.T. -0.02 min

Lab File: BF118284.D

Acq: 19 Dec 2019 17:32

Instrument :

BNA_F

ClientSampleId :

X089-WC-1

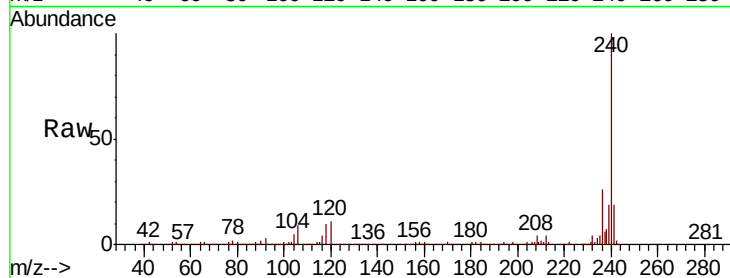
Tot Ion:240 Resp: 322503

Ion Ratio Lower Upper

240 100

120 11.4 7.1 10.7#

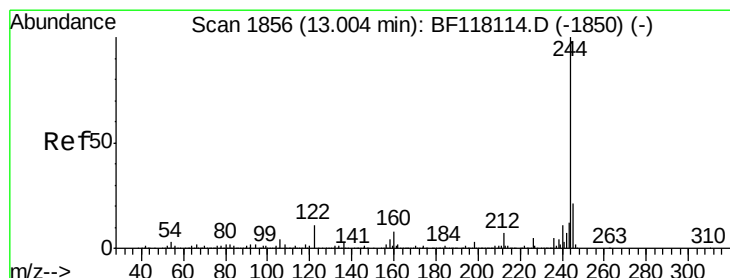
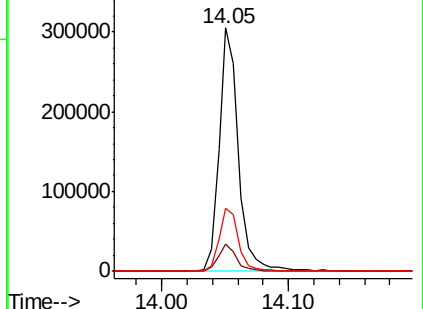
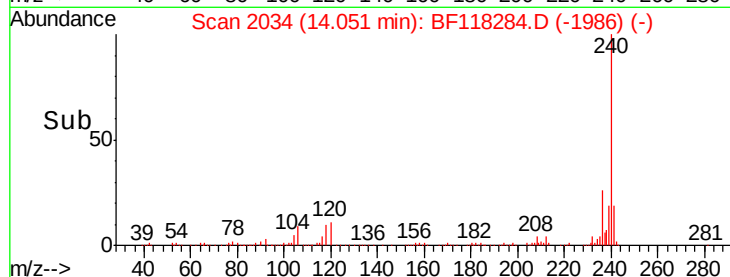
236 26.1 21.0 31.6



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: 91.620 ng

RT: 12.99 min Scan# 1854

Delta R.T. -0.01 min

Lab File: BF118284.D

Acq: 19 Dec 2019 17:32

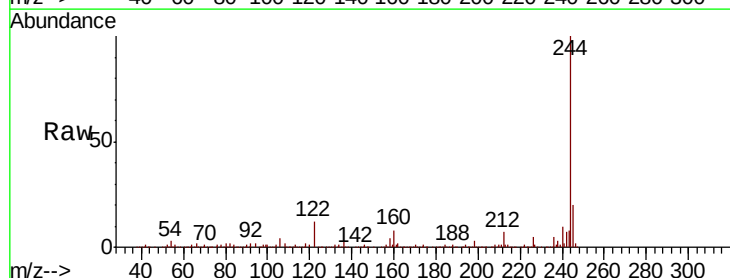
Tgt Ion:244 Resp: 1718270

Ion Ratio Lower Upper

244 100

212 7.1 5.9 8.9

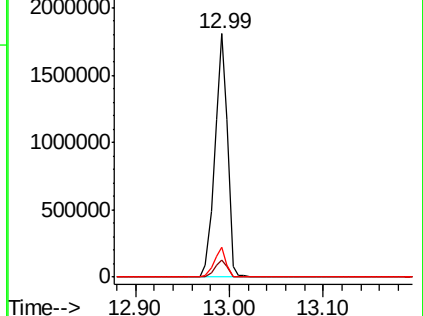
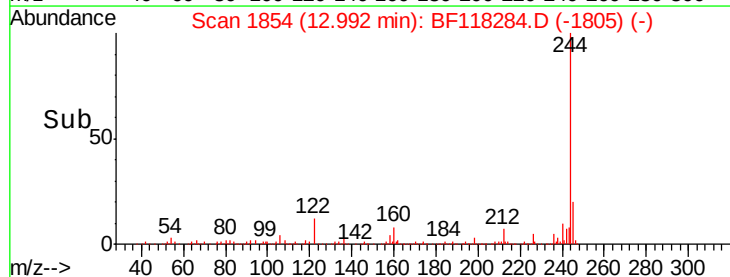
122 12.0 9.0 13.6

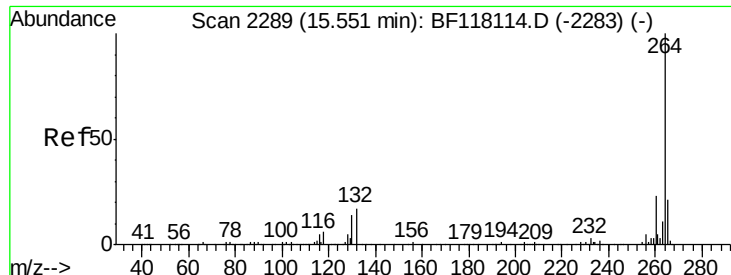


Abundance Ion 244.00 (243.70 to 244.70): E

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: BF118284.D
 Acq: 19 Dec 2019 17:32

Instrument :
 BNA_F
 ClientSampleId :
 X089-WC-1

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.7	18.6	28.0
265	22.0	16.8	25.2

