

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092420\
 Data File : BF121688.D
 Acq On : 24 Sep 2020 18:23
 Operator : JU/CG
 Sample : L4133-02
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW1D

Quant Time: Sep 25 01:17:34 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 22 17:53:26 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	149491	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	588823	20.00	ng	0.00
39) Acenaphthene-d10	9.85	164	314904	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	613743	20.00	ng	-0.01
76) Chrysene-d12	13.97	240	583215	20.00	ng	-0.01
86) Perylene-d12	15.42	264	501359	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	601517	59.80	ng	0.00
7) Phenol-d6	6.44	99	499324	37.84	ng	-0.01
23) Nitrobenzene-d5	7.37	82	986024	89.91	ng	0.00
42) 2,4,6-Tribromophenol	10.64	330	516874	132.06	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	1593774	76.65	ng	0.00
79) Terphenyl-d14	12.92	244	2241164	77.85	ng	0.00

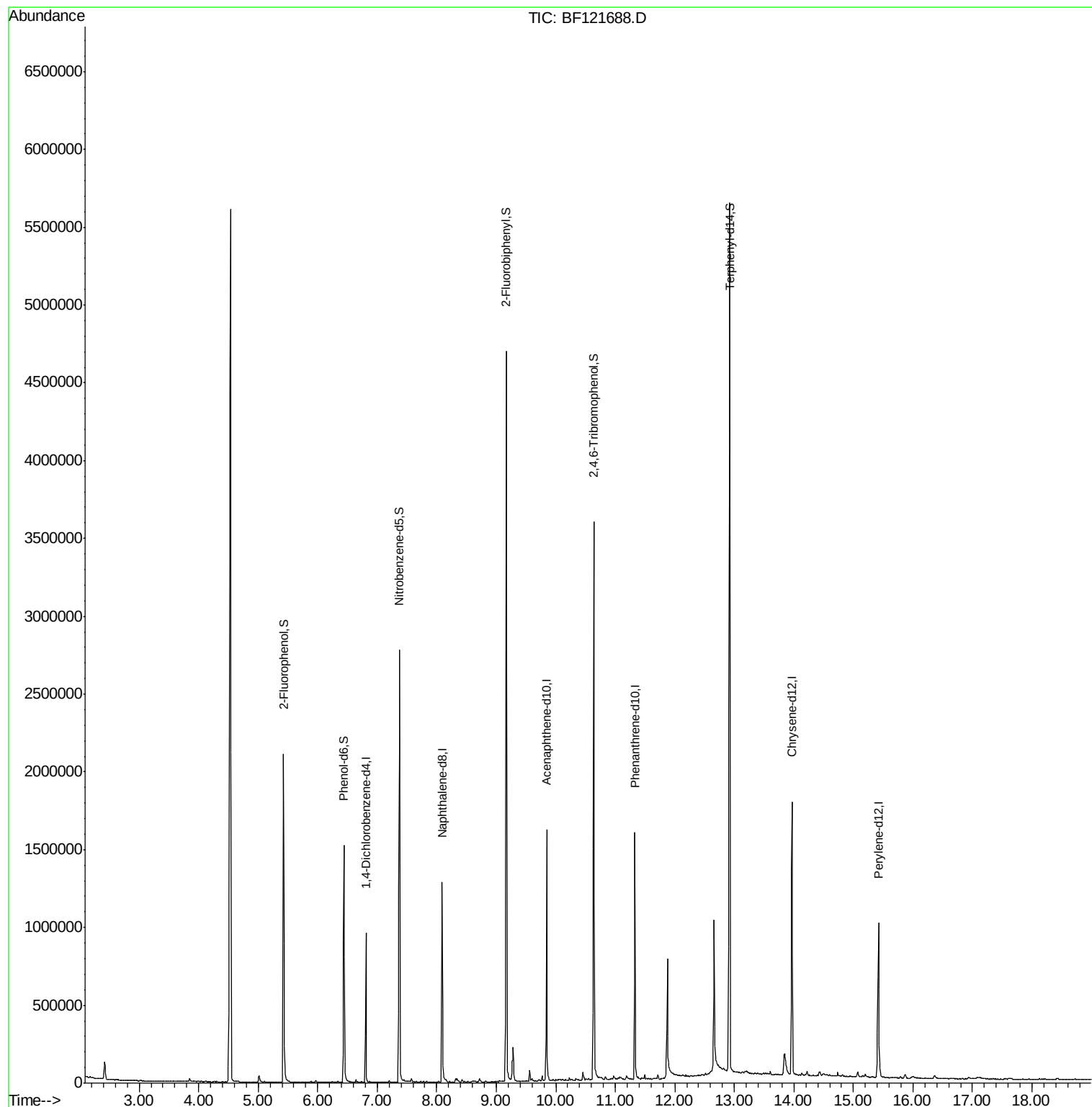
Target Compounds Qvalue

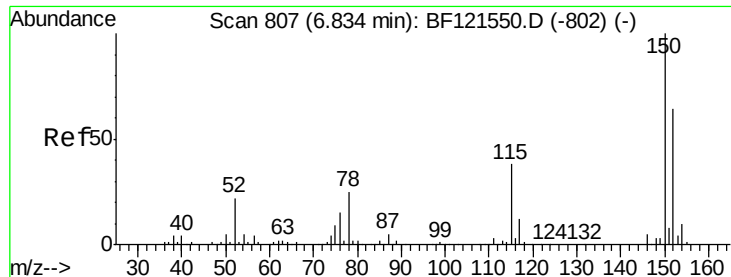
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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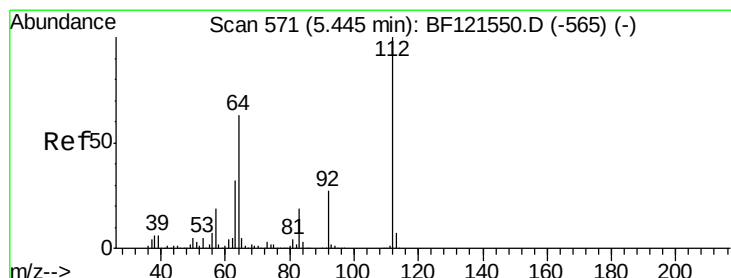
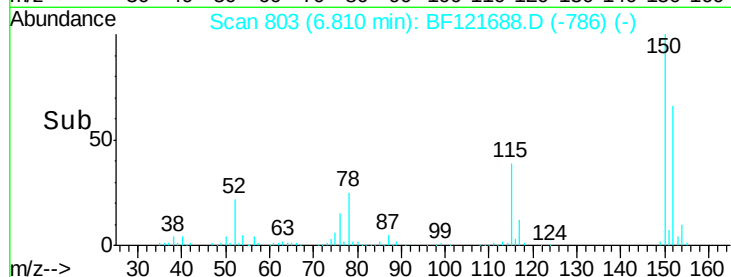
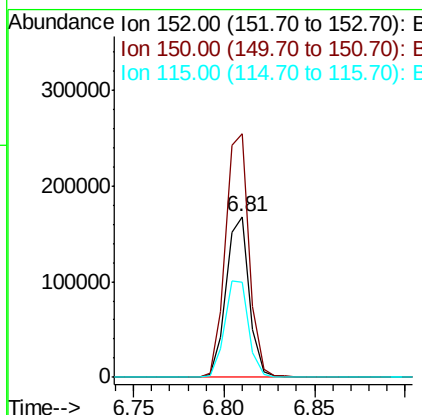
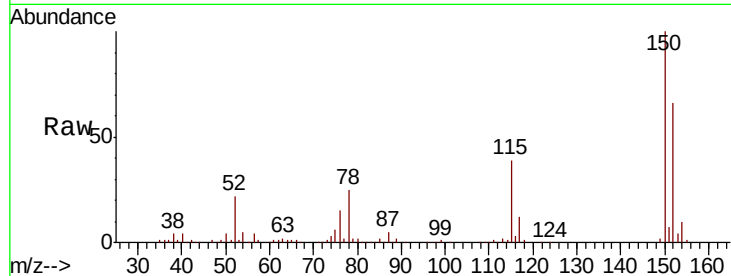


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.81 min Scan# 803
 Delta R.T. -0.00 min
 Lab File: BF121688.D
 Acq: 24 Sep 2020 18:23

Instrument :
 BNA_F
 ClientSampleId :
 MW1D

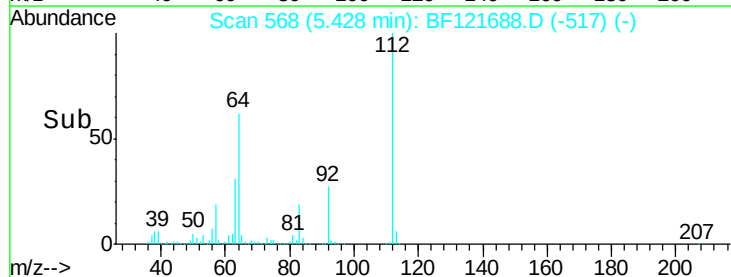
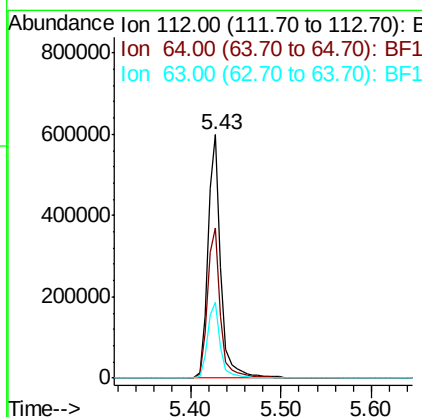
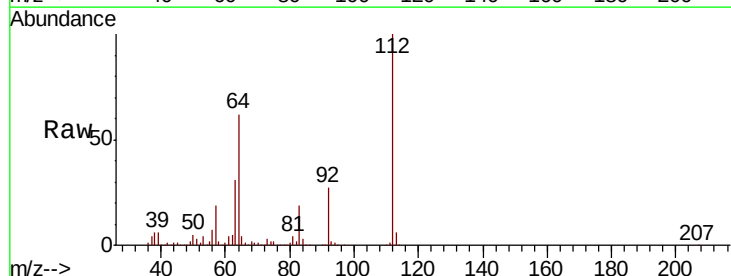
Tot Ion:152 Resp: 149491
 Ion Ratio Lower Upper
 152 100
 150 151.6 128.1 192.1
 115 59.1 52.6 79.0

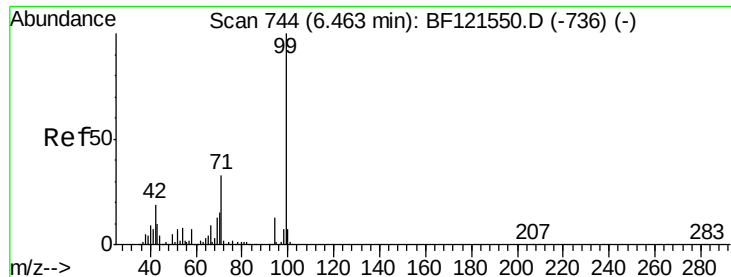


#5

2-Fluorophenol
 Concen: 59.798 ng
 RT: 5.43 min Scan# 568
 Delta R.T. -0.00 min
 Lab File: BF121688.D
 Acq: 24 Sep 2020 18:23

Tgt Ion:112 Resp: 601517
 Ion Ratio Lower Upper
 112 100
 64 61.7 52.2 78.2
 63 31.2 26.6 39.8





#7

Phenol-d6

Concen: 37.836 ng

RT: 6.44 min Scan# 740

Delta R.T. -0.01 min

Lab File: BF121688.D

Acq: 24 Sep 2020 18:23

Instrument :

BNA_F

ClientSampleId :

MW1D

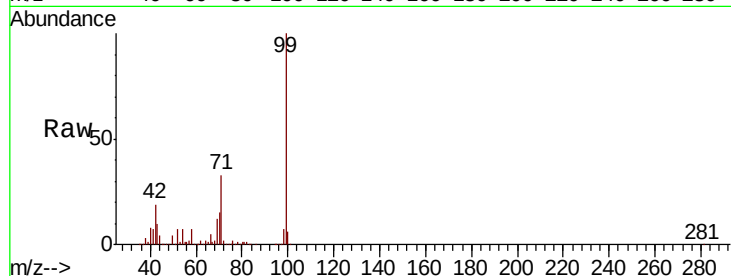
Tot Ion: 99 Resp: 499324

Ion Ratio Lower Upper

99 100

42 19.1 15.5 23.3

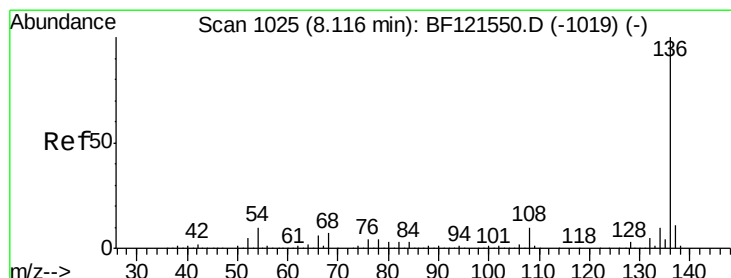
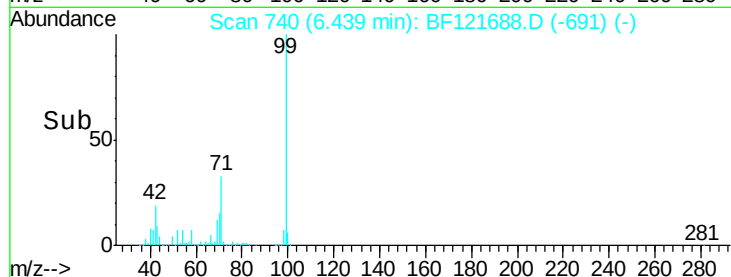
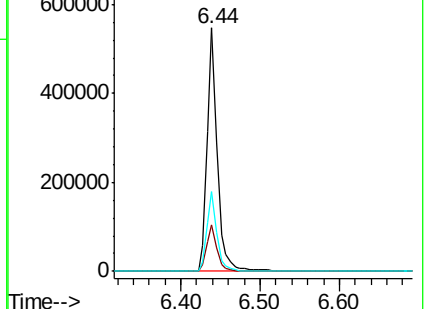
71 32.6 27.4 41.2



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: 8.09 min Scan# 1021

Delta R.T. -0.01 min

Lab File: BF121688.D

Acq: 24 Sep 2020 18:23

Tgt Ion: 136 Resp: 588823

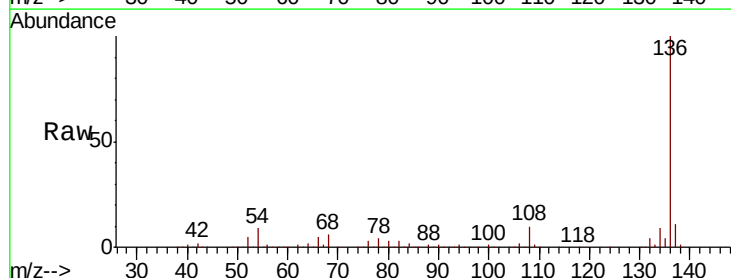
Ion Ratio Lower Upper

136 100

137 11.2 8.9 13.3

54 8.9 7.4 11.0

68 6.3 5.3 7.9

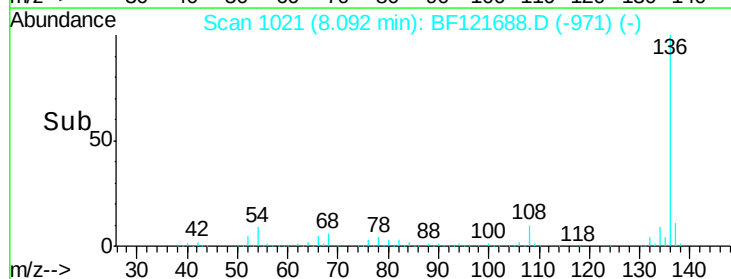
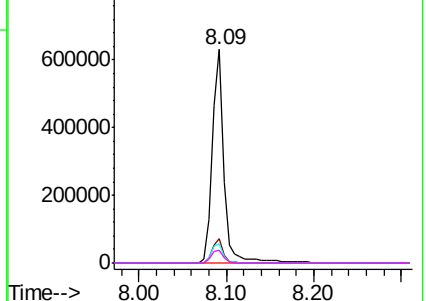


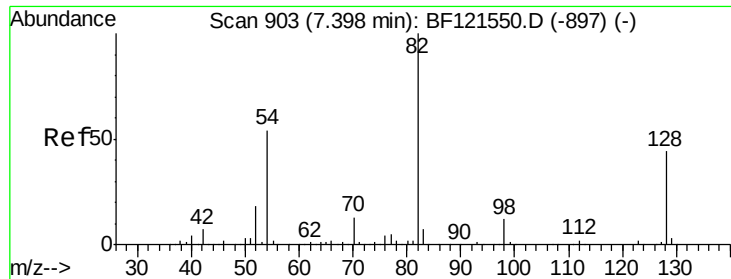
Abundance Ion 136.00 (135.70 to 136.70): E

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

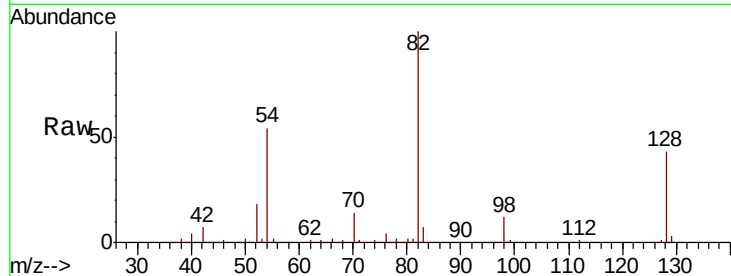




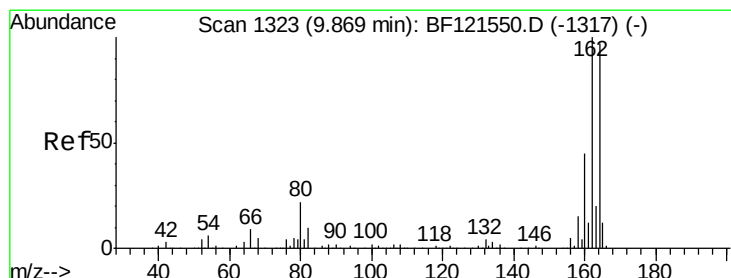
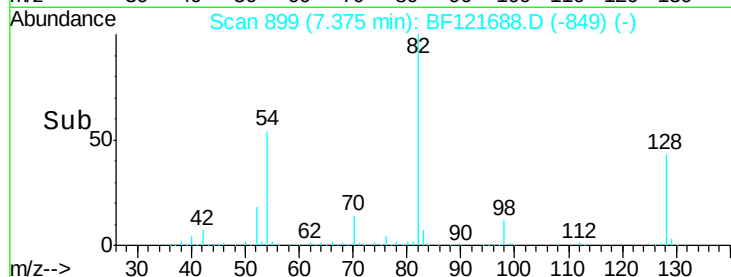
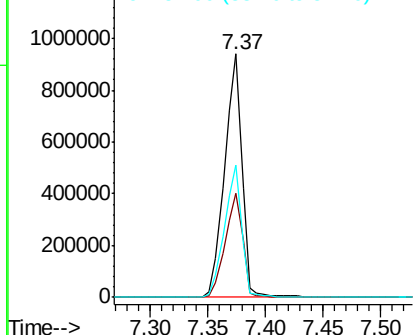
#23
Nitrobenzene-d5
Concen: 89.911 ng
RT: 7.37 min Scan# 899
Delta R.T. -0.01 min
Lab File: BF121688.D
Acq: 24 Sep 2020 18:23

Instrument :
BNA_F
ClientSampleID :
MW1D

Tot Ion: 82 Resp: 986024
Ion Ratio Lower Upper
82 100
128 42.9 33.9 50.9
54 54.2 42.9 64.3

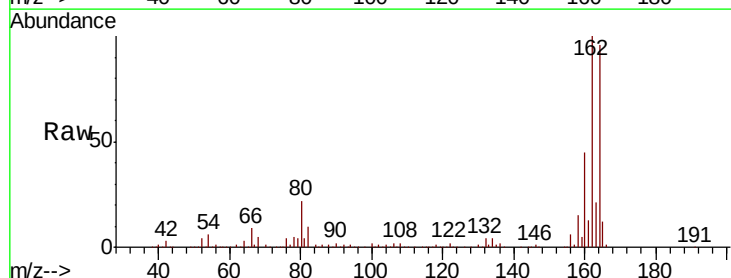


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

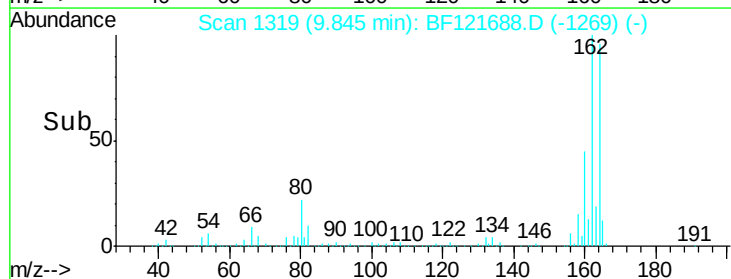
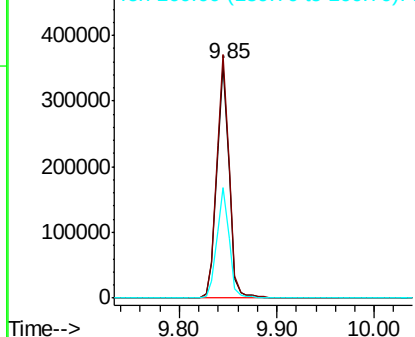


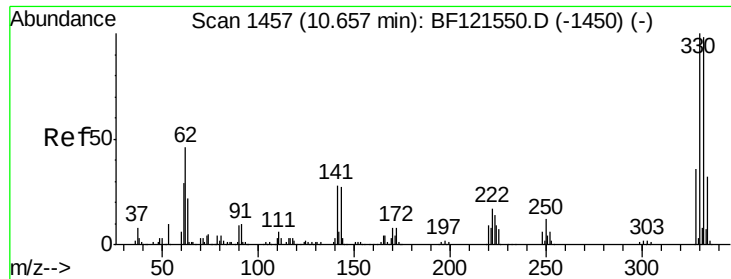
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.85 min Scan# 1319
Delta R.T. -0.01 min
Lab File: BF121688.D
Acq: 24 Sep 2020 18:23

Tgt Ion: 164 Resp: 314904
Ion Ratio Lower Upper
164 100
162 104.1 81.2 121.8
160 47.3 36.2 54.4



Abundance Ion 164.00 (163.70 to 164.70): BF1
Ion 162.00 (161.70 to 162.70): BF1
Ion 160.00 (159.70 to 160.70): BF1





#42

2,4,6-Tribromophenol

Concen: 132.063 ng

RT: 10.64 min Scan# 1454

Delta R.T. -0.01 min

Lab File: BF121688.D

Acq: 24 Sep 2020 18:23

Instrument :

BNA_F

ClientSampleId :

MW1D

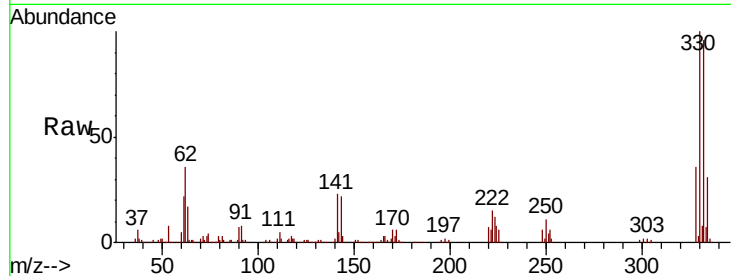
Tot Ion:330 Resp: 516874

Ion Ratio Lower Upper

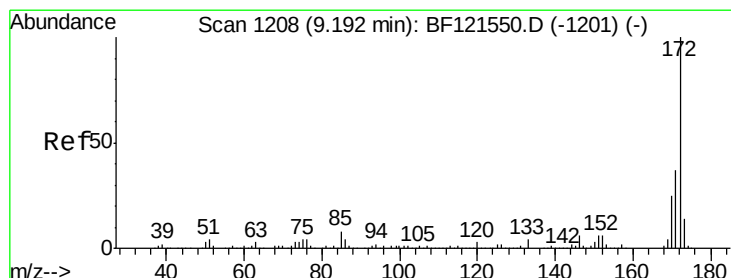
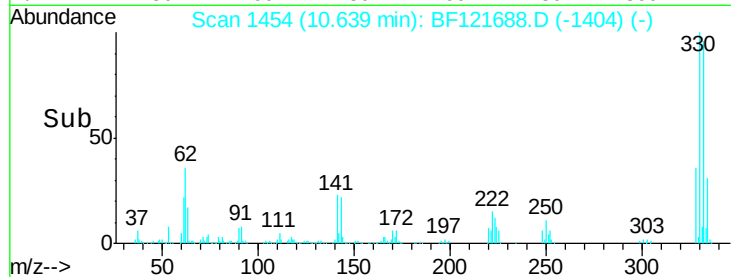
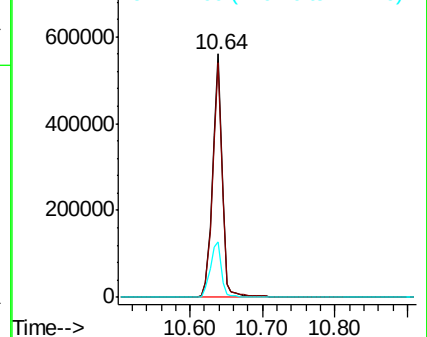
330 100

332 96.2 76.9 115.3

141 27.3 22.4 33.6



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: 76.653 ng

RT: 9.17 min Scan# 1204

Delta R.T. -0.01 min

Lab File: BF121688.D

Acq: 24 Sep 2020 18:23

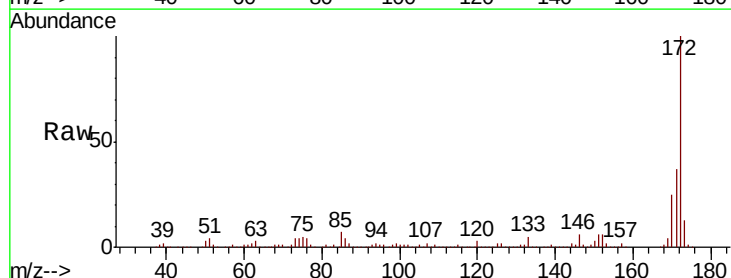
Tgt Ion:172 Resp: 1593774

Ion Ratio Lower Upper

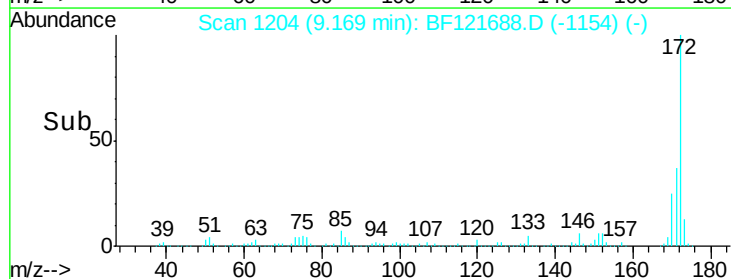
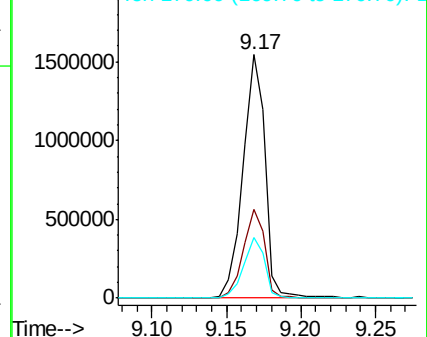
172 100

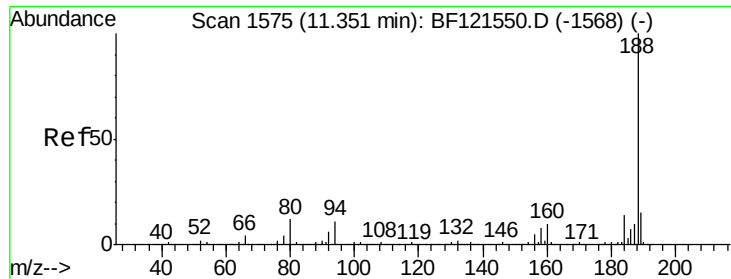
171 36.6 29.3 43.9

170 24.6 19.5 29.3



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

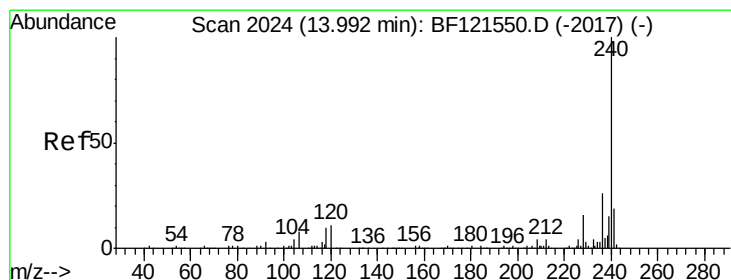
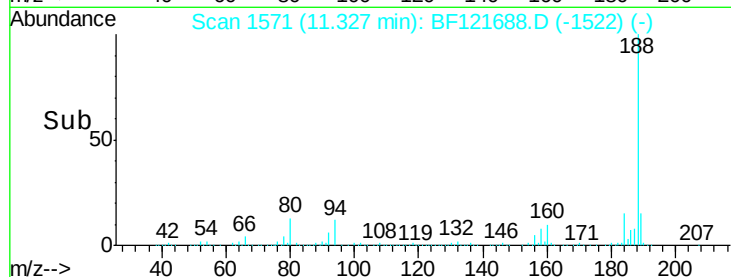
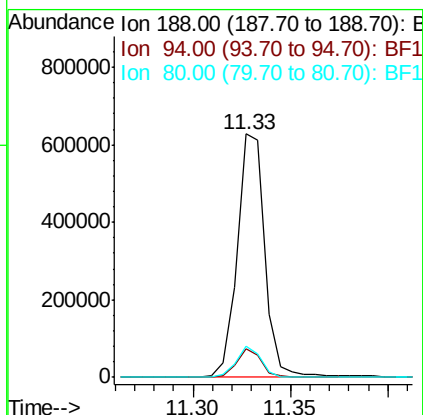
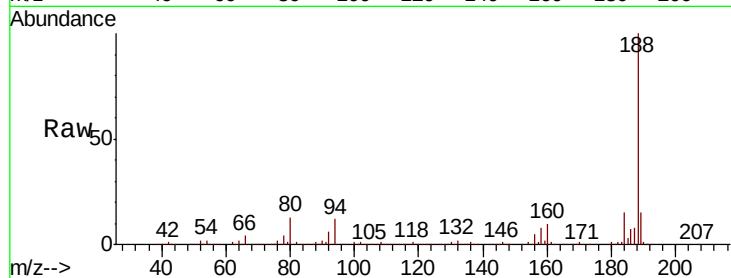




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1571
Delta R.T. -0.01 min
Lab File: BF121688.D
Acq: 24 Sep 2020 18:23

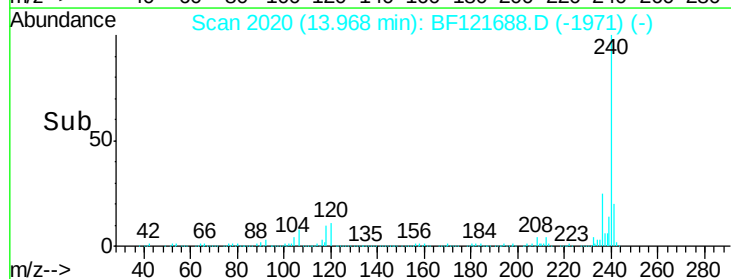
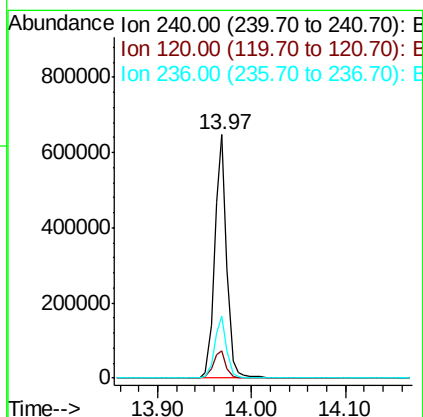
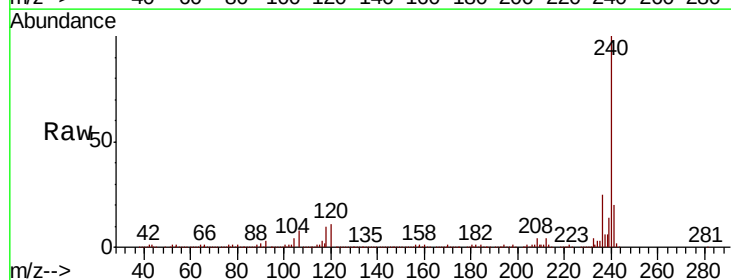
Instrument :
BNA_F
ClientSampleId :
MW1D

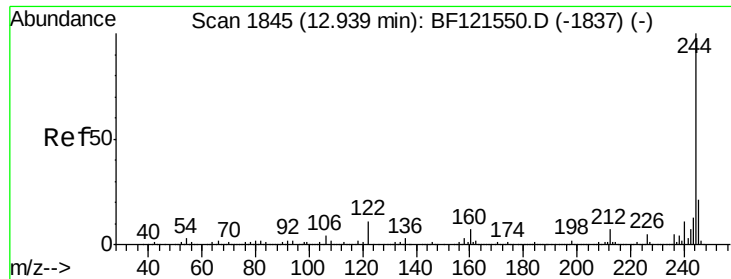
Tot Ion:188 Resp: 613743
Ion Ratio Lower Upper
188 100
94 11.8 8.4 12.6
80 12.6 9.0 13.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.97 min Scan# 2020
Delta R.T. -0.01 min
Lab File: BF121688.D
Acq: 24 Sep 2020 18:23

Tgt Ion:240 Resp: 583215
Ion Ratio Lower Upper
240 100
120 11.3 9.2 13.8
236 25.2 20.4 30.6





#79

Terphenyl-d14

Concen: 77.851 ng

RT: 12.92 min Scan# 1842

Delta R.T. -0.00 min

Lab File: BF121688.D

Acq: 24 Sep 2020 18:23

Instrument :

BNA_F

ClientSampleId :

MW1D

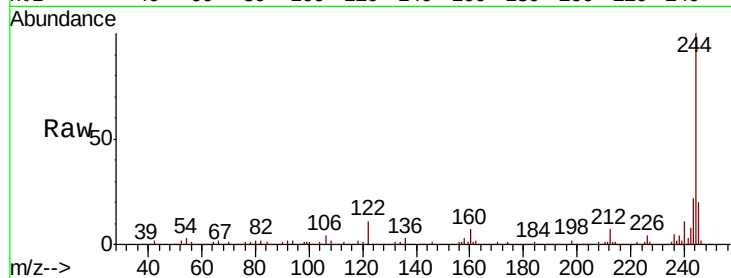
Tot Ion:244 Resp: 2241164

Ion Ratio Lower Upper

244 100

212 7.2 5.5 8.3

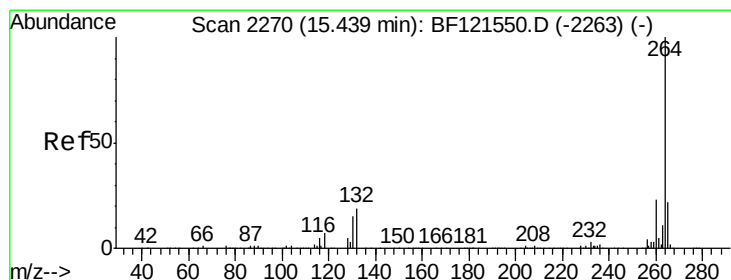
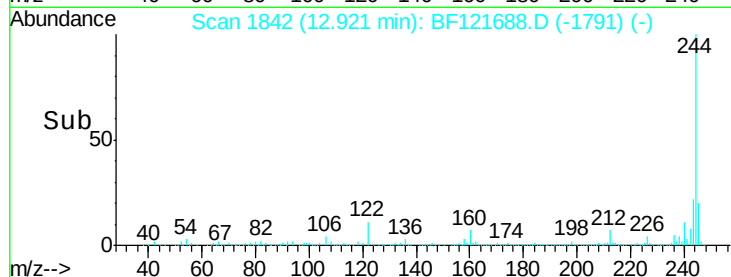
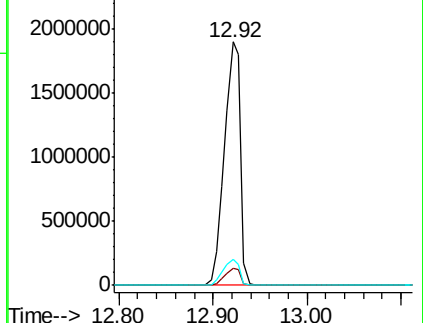
122 10.7 7.4 11.0



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



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.42 min Scan# 2267

Delta R.T. -0.01 min

Lab File: BF121688.D

Acq: 24 Sep 2020 18:23

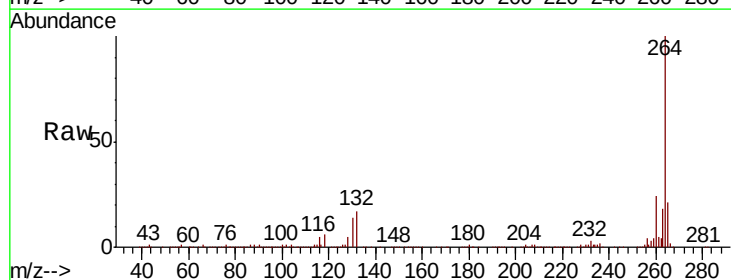
Tgt Ion:264 Resp: 501359

Ion Ratio Lower Upper

264 100

260 23.9 18.8 28.2

265 21.4 17.3 25.9



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

