

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092420\
 Data File : BF121691.D
 Acq On : 24 Sep 2020 19:56
 Operator : JU/CG
 Sample : L4133-05
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW4S

Quant Time: Sep 25 01:26:52 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	6.80	152	149030	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	588763	20.00	ng	0.00
39) Acenaphthene-d10	9.85	164	317890	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	627729	20.00	ng	-0.01
76) Chrysene-d12	13.97	240	592561	20.00	ng	-0.01
86) Perylene-d12	15.42	264	499763	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	570508	56.89	ng	0.00
7) Phenol-d6	6.44	99	471965	35.87	ng	-0.01
23) Nitrobenzene-d5	7.37	82	1024522	93.43	ng	0.00
42) 2,4,6-Tribromophenol	10.64	330	508683	128.75	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	1638216	78.05	ng	0.00
79) Terphenyl-d14	12.92	244	2312902	79.08	ng	0.00

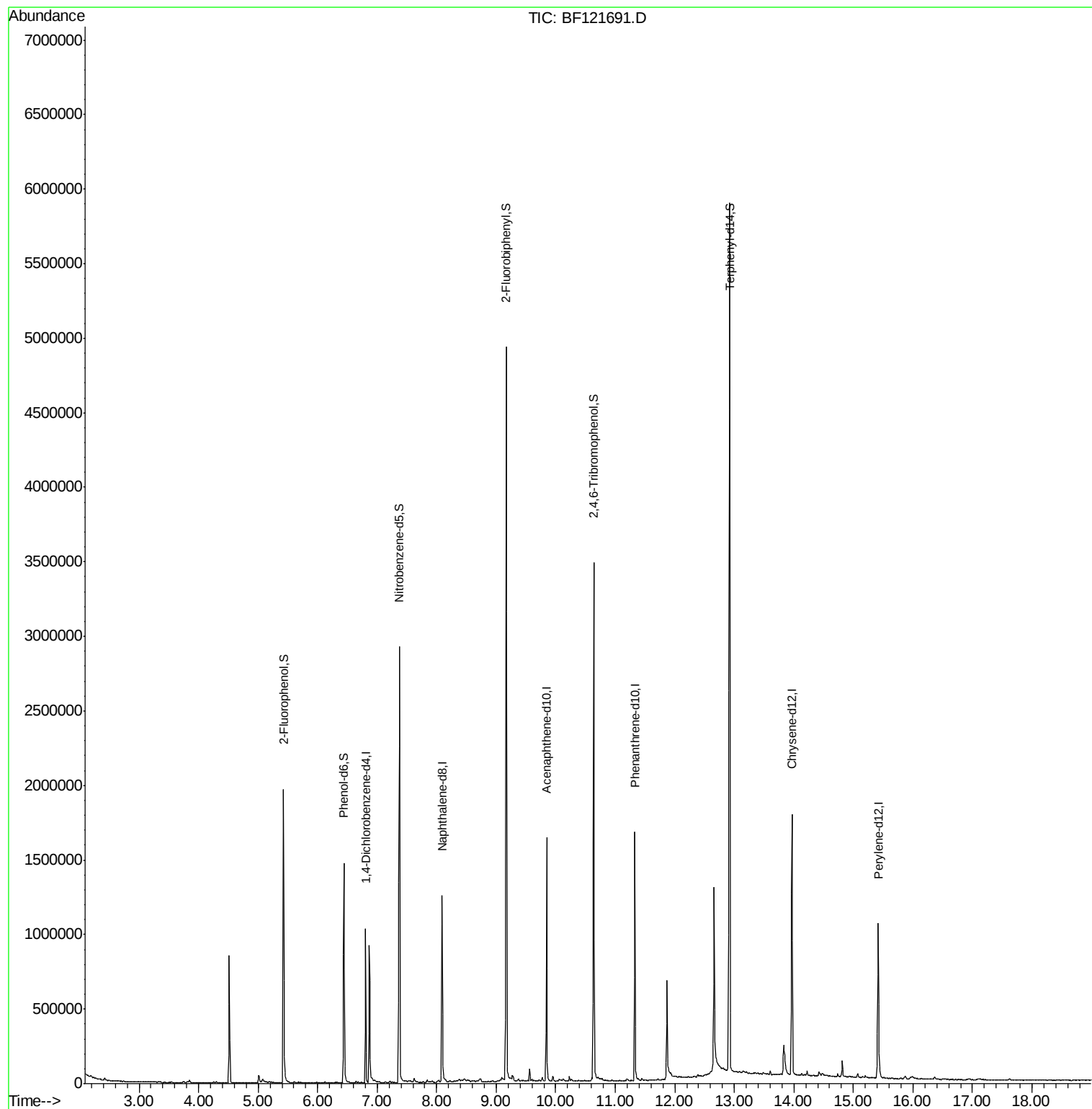
Target Compounds Qvalue

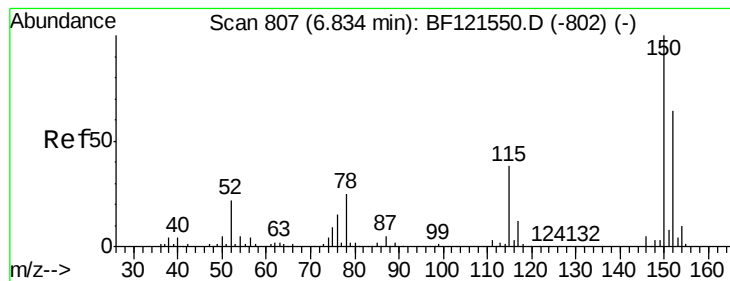
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092420\
Data File : BF121691.D
Acq On : 24 Sep 2020 19:56
Operator : JU/CG
Sample : L4133-05
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW4S

Quant Time: Sep 25 01:26:52 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



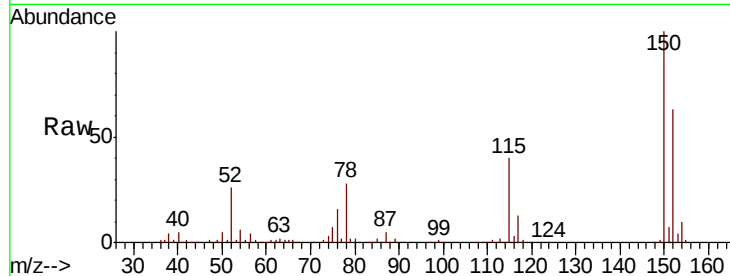


#1

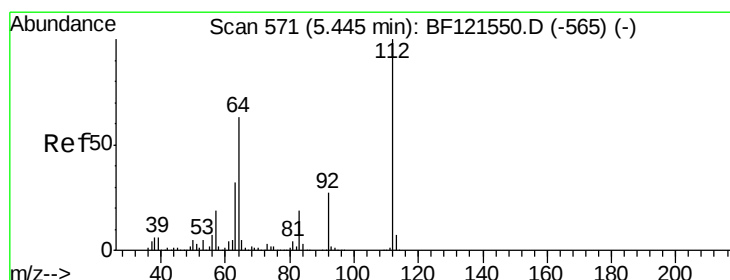
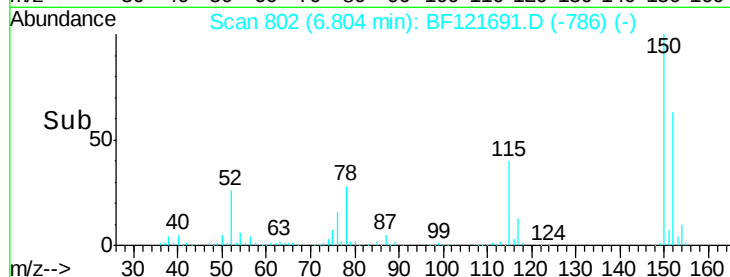
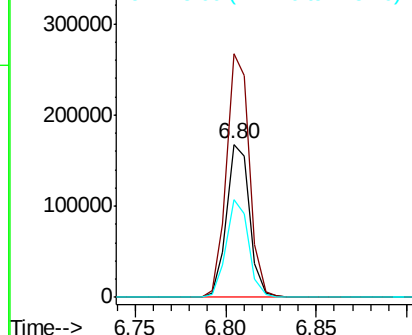
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 802
Delta R.T. -0.01 min
Lab File: BF121691.D
Acq: 24 Sep 2020 19:56

Instrument :
BNA_F
ClientSampleId :
MW4S

Tot Ion:152 Resp: 149030
Ion Ratio Lower Upper
152 100
150 159.2 128.1 192.1
115 63.9 52.6 79.0



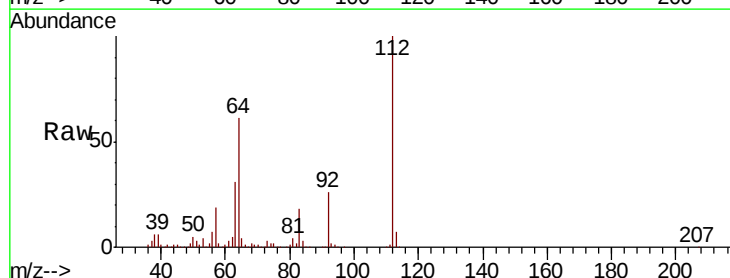
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



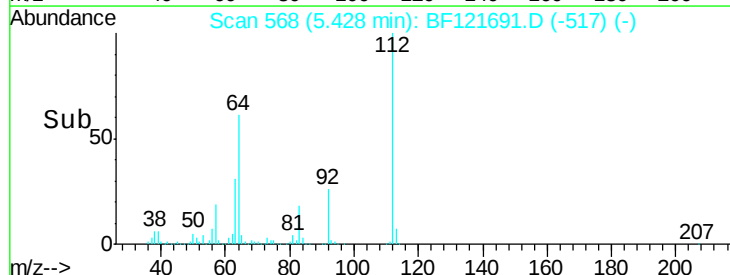
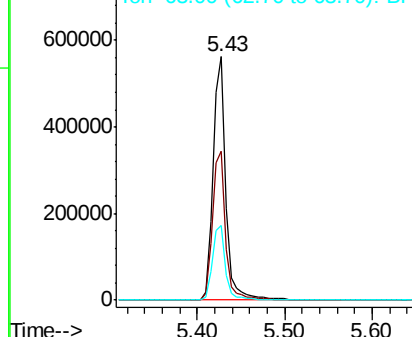
#5

2-Fluorophenol
Concen: 56.891 ng
RT: 5.43 min Scan# 568
Delta R.T. 0.00 min
Lab File: BF121691.D
Acq: 24 Sep 2020 19:56

Tgt Ion:112 Resp: 570508
Ion Ratio Lower Upper
112 100
64 61.2 52.2 78.2
63 30.5 26.6 39.8



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: 35.874 ng

RT: 6.44 min Scan# 740

Delta R.T. -0.01 min

Lab File: BF121691.D

Acq: 24 Sep 2020 19:56

Instrument :

BNA_F

ClientSampleId :

MW4S

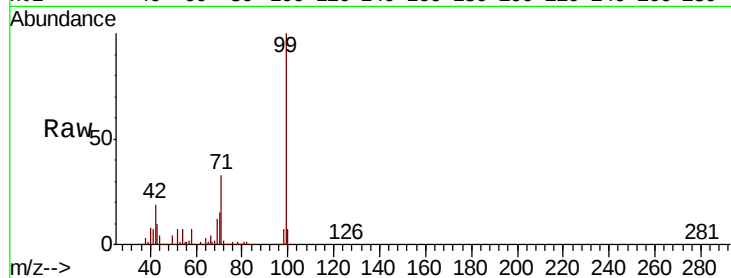
Tot Ion: 99 Resp: 471965

Ion Ratio Lower Upper

99 100

42 19.1 15.5 23.3

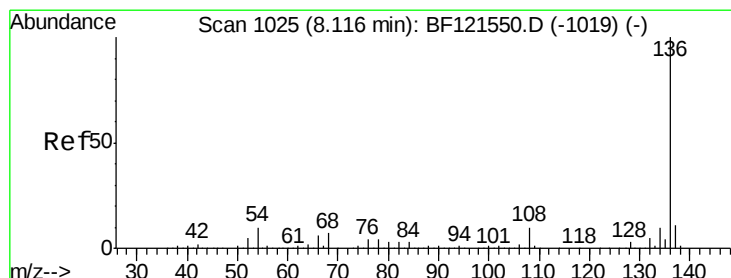
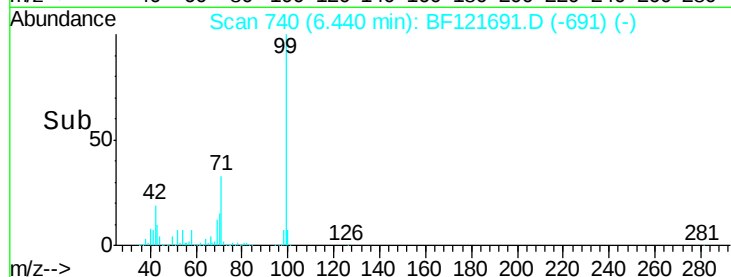
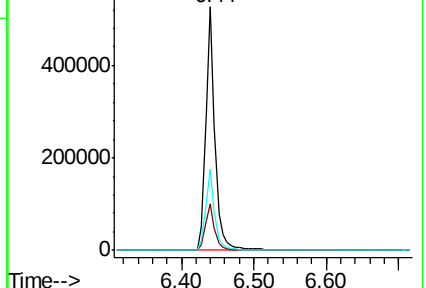
71 33.2 27.4 41.2



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: BF121691.D

Acq: 24 Sep 2020 19:56

Tgt Ion: 136 Resp: 588763

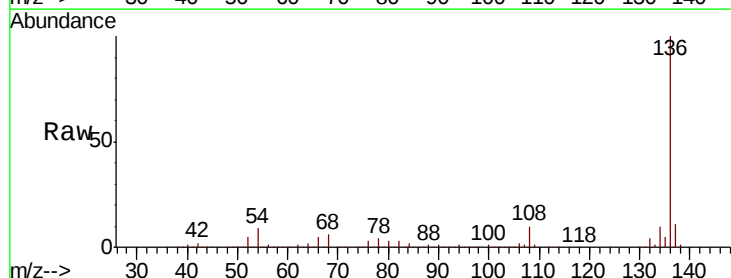
Ion Ratio Lower Upper

136 100

137 10.8 8.9 13.3

54 9.2 7.4 11.0

68 6.4 5.3 7.9

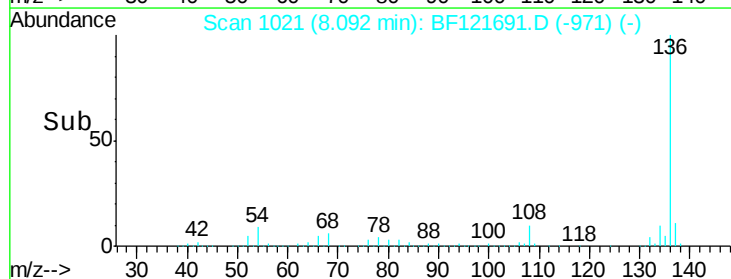
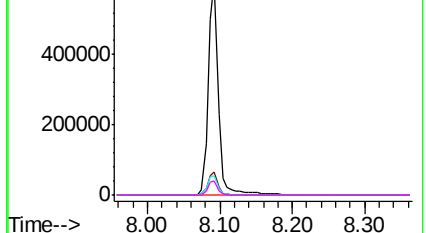


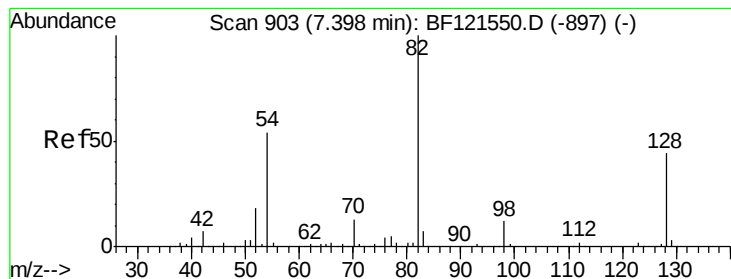
Abundance Ion 136.00 (135.70 to 136.70): E

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: 93.431 ng

RT: 7.37 min Scan# 899

Delta R.T. -0.01 min

Lab File: BF121691.D

Acq: 24 Sep 2020 19:56

Instrument :

BNA_F

ClientSampleId :

MW4S

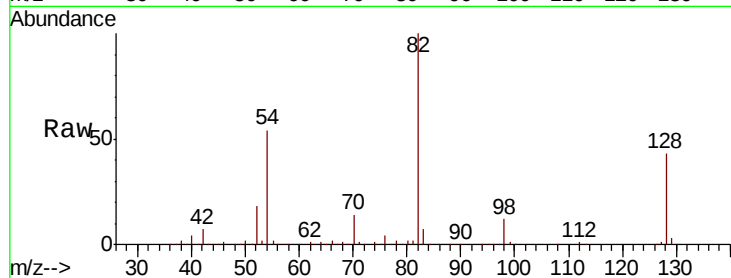
Tot Ion: 82 Resp: 1024522

Ion Ratio Lower Upper

82 100

128 43.0 33.9 50.9

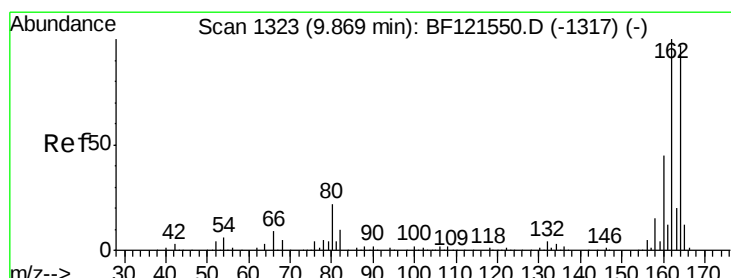
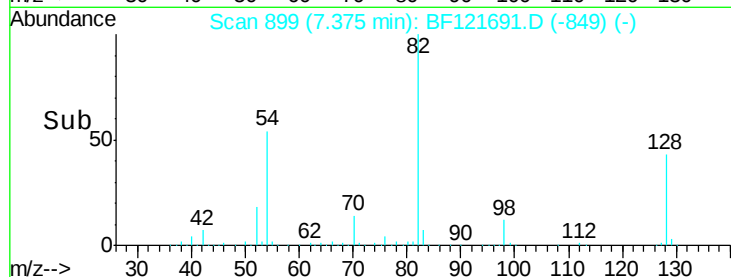
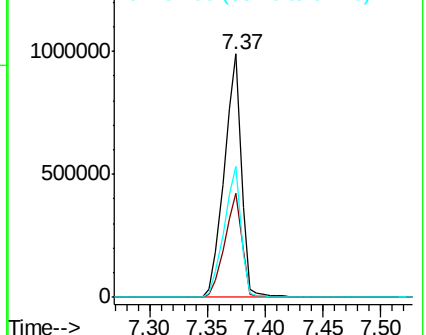
54 53.8 42.9 64.3



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: BF121691.D

Acq: 24 Sep 2020 19:56

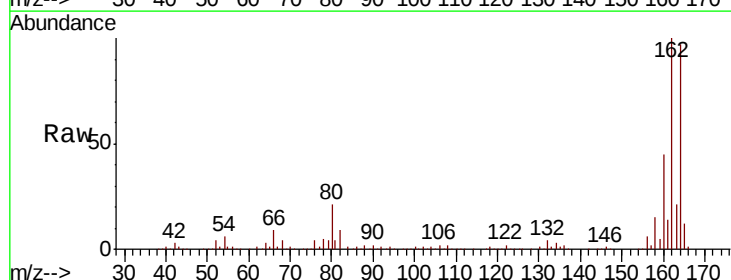
Tgt Ion: 164 Resp: 317890

Ion Ratio Lower Upper

164 100

162 102.7 81.2 121.8

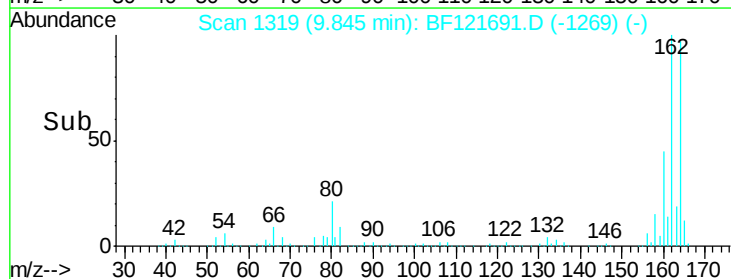
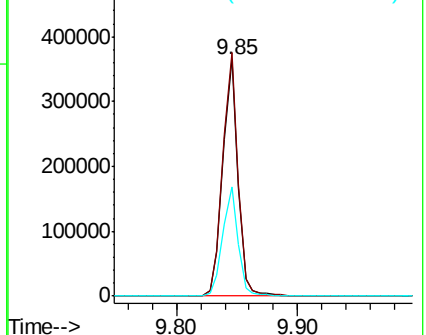
160 46.3 36.2 54.4

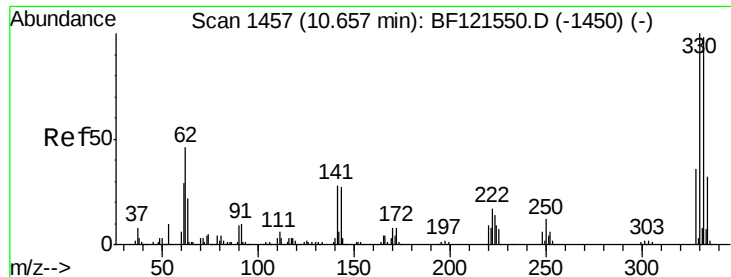


Abundance Ion 164.00 (163.70 to 164.70): BF1

Ion 162.00 (161.70 to 162.70): BF1

Ion 160.00 (159.70 to 160.70): BF1

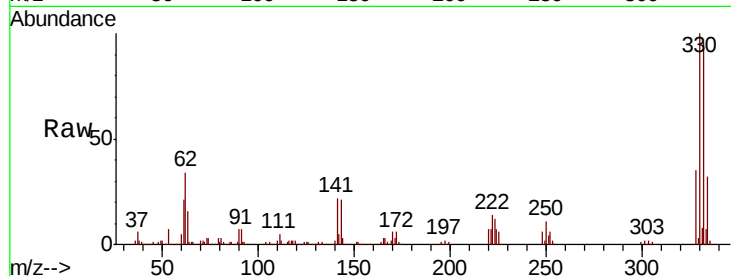




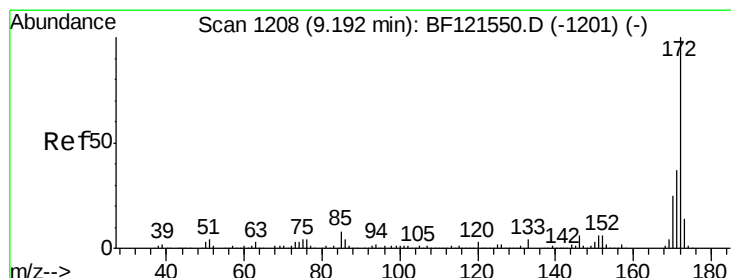
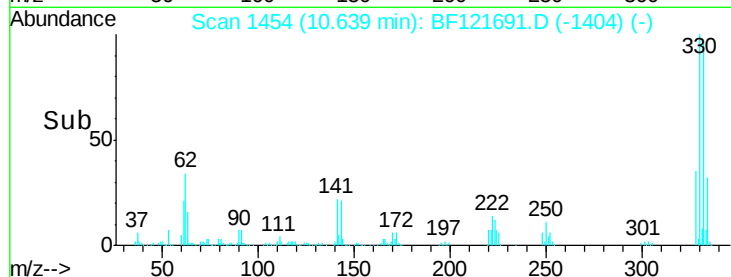
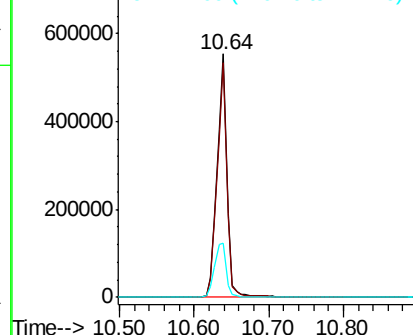
#42
 2,4,6-Tribromophenol
 Concen: 128.750 ng
 RT: 10.64 min Scan# 1454
 Delta R.T. -0.01 min
 Lab File: BF121691.D
 Acq: 24 Sep 2020 19:56

Instrument :
 BNA_F
 ClientSampleId :
 MW4S

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.7	76.9	115.3
141	27.0	22.4	33.6

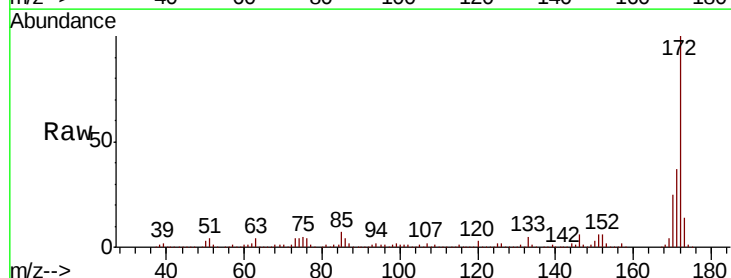


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

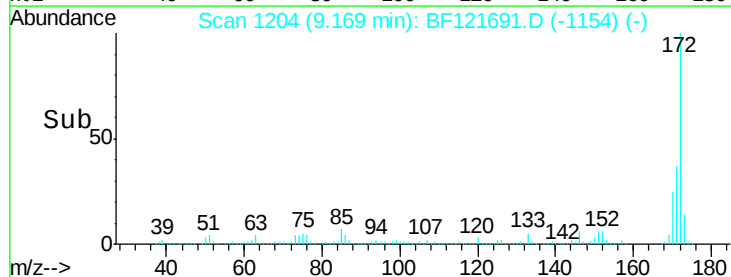
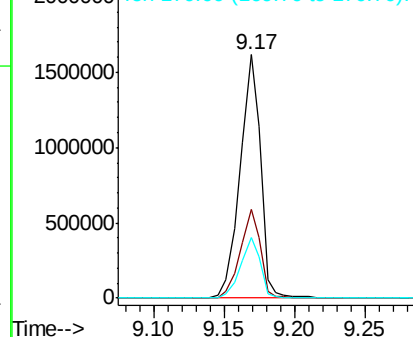


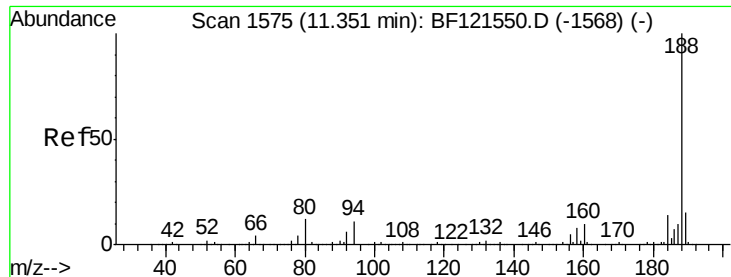
#45
 2-Fluorobiphenyl
 Concen: 78.050 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. -0.01 min
 Lab File: BF121691.D
 Acq: 24 Sep 2020 19:56

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.3	43.9
170	24.7	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

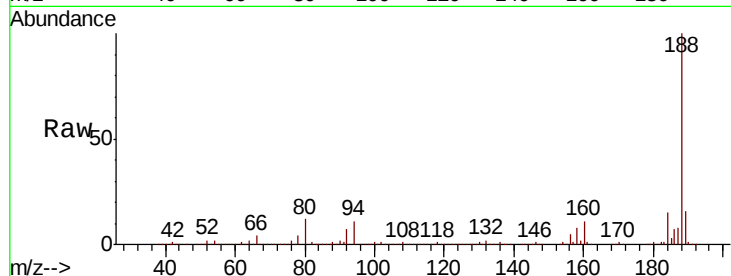




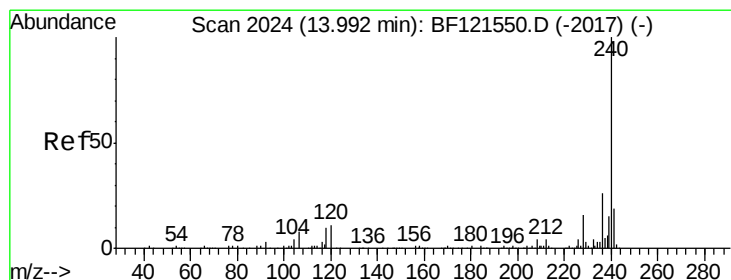
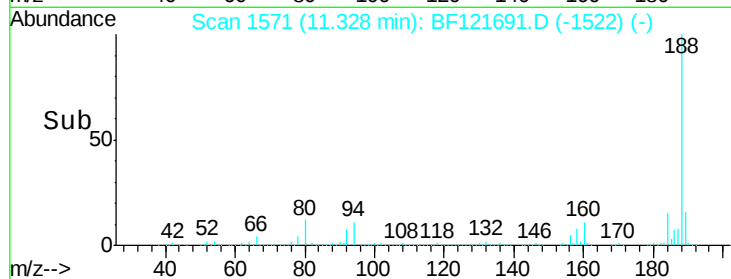
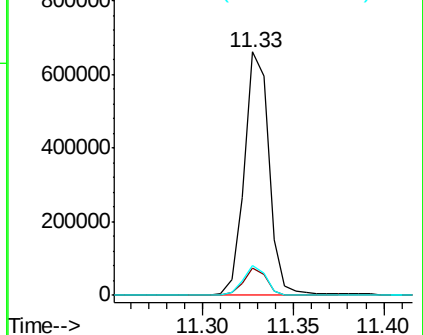
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1571
Delta R.T. -0.01 min
Lab File: BF121691.D
Acq: 24 Sep 2020 19:56

Instrument :
BNA_F
ClientSampleId :
MW4S

Tot Ion:188 Resp: 627729
Ion Ratio Lower Upper
188 100
94 11.3 8.4 12.6
80 12.3 9.0 13.4

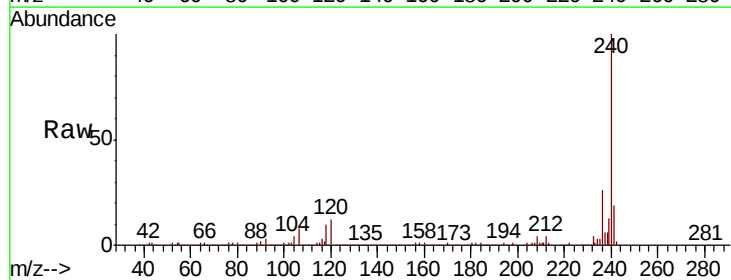


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

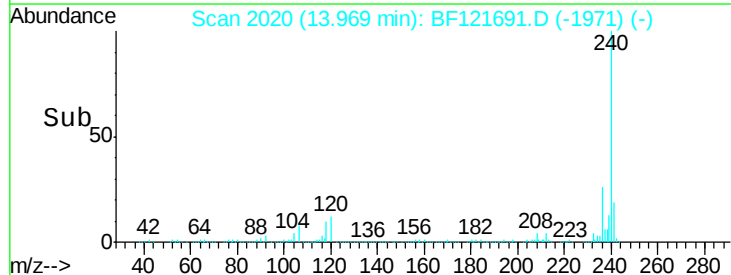
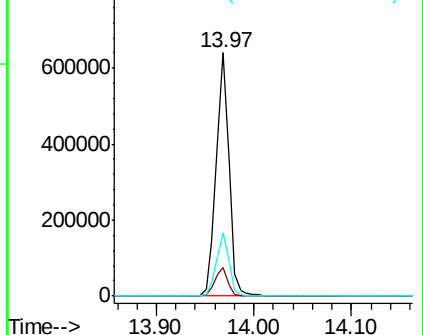


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.97 min Scan# 2020
Delta R.T. -0.01 min
Lab File: BF121691.D
Acq: 24 Sep 2020 19:56

Tgt Ion:240 Resp: 592561
Ion Ratio Lower Upper
240 100
120 11.6 9.2 13.8
236 26.0 20.4 30.6



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: 79.076 ng

RT: 12.92 min Scan# 1842

Delta R.T. 0.00 min

Lab File: BF121691.D

Acq: 24 Sep 2020 19:56

Instrument :

BNA_F

ClientSampleId :

MW4S

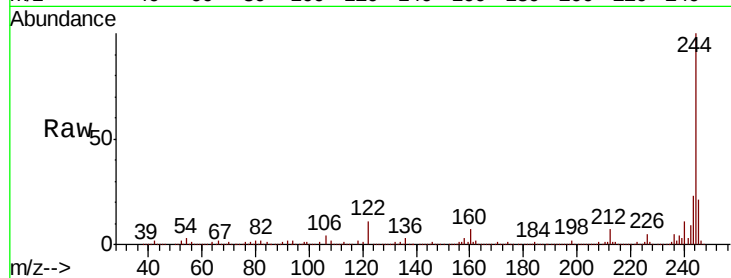
Tot Ion:244 Resp: 2312902

Ion Ratio Lower Upper

244 100

212 7.3 5.5 8.3

122 10.6 7.4 11.0

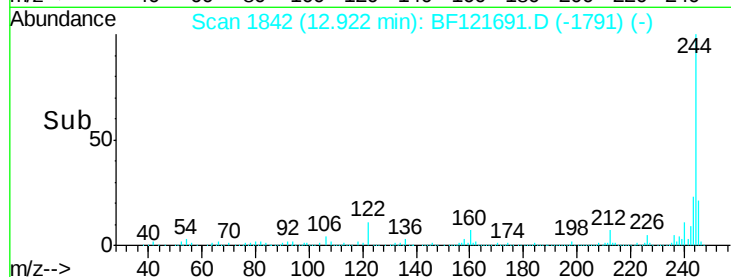


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

Time--> 12.80 12.90 13.00 13.10

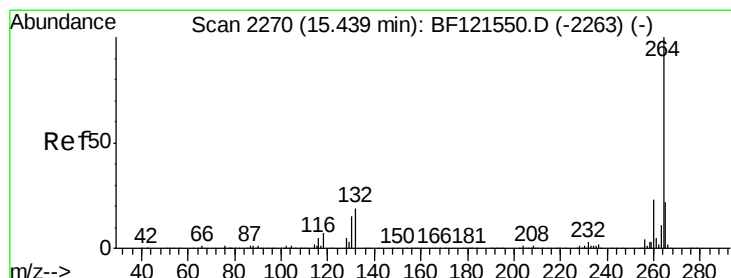


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

Time--> 12.80 12.90 13.00 13.10



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.42 min Scan# 2267

Delta R.T. -0.01 min

Lab File: BF121691.D

Acq: 24 Sep 2020 19:56

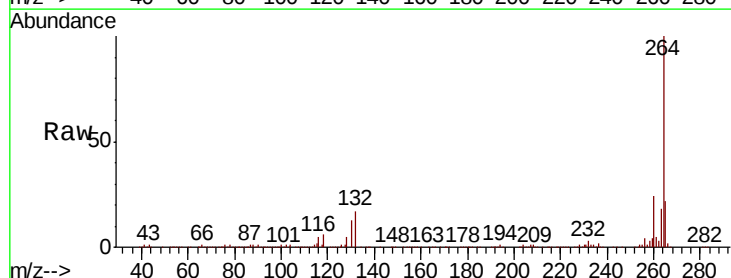
Tgt Ion:264 Resp: 499763

Ion Ratio Lower Upper

264 100

260 23.9 18.8 28.2

265 21.5 17.3 25.9

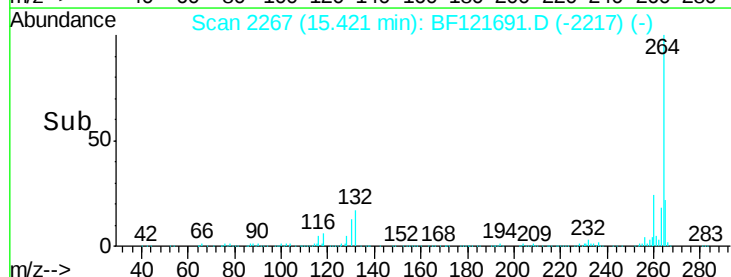


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

Time--> 15.30 15.40 15.50 15.60



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

Time--> 15.30 15.40 15.50 15.60