

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092420\
 Data File : BF121690.D
 Acq On : 24 Sep 2020 19:25
 Operator : JU/CG
 Sample : L4133-04
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW3

Quant Time: Sep 25 01:24:27 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	145235	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	575550	20.00	ng	0.00
39) Acenaphthene-d10	9.85	164	305399	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	606304	20.00	ng	-0.01
76) Chrysene-d12	13.97	240	578270	20.00	ng	-0.01
86) Perylene-d12	15.42	264	482447	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	573714	58.71	ng	0.00
7) Phenol-d6	6.44	99	466844	36.41	ng	-0.01
23) Nitrobenzene-d5	7.37	82	978663	91.30	ng	0.00
42) 2,4,6-Tribromophenol	10.64	330	516209	136.00	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	1572041	77.96	ng	0.00
79) Terphenyl-d14	12.92	244	2192556	76.81	ng	0.00

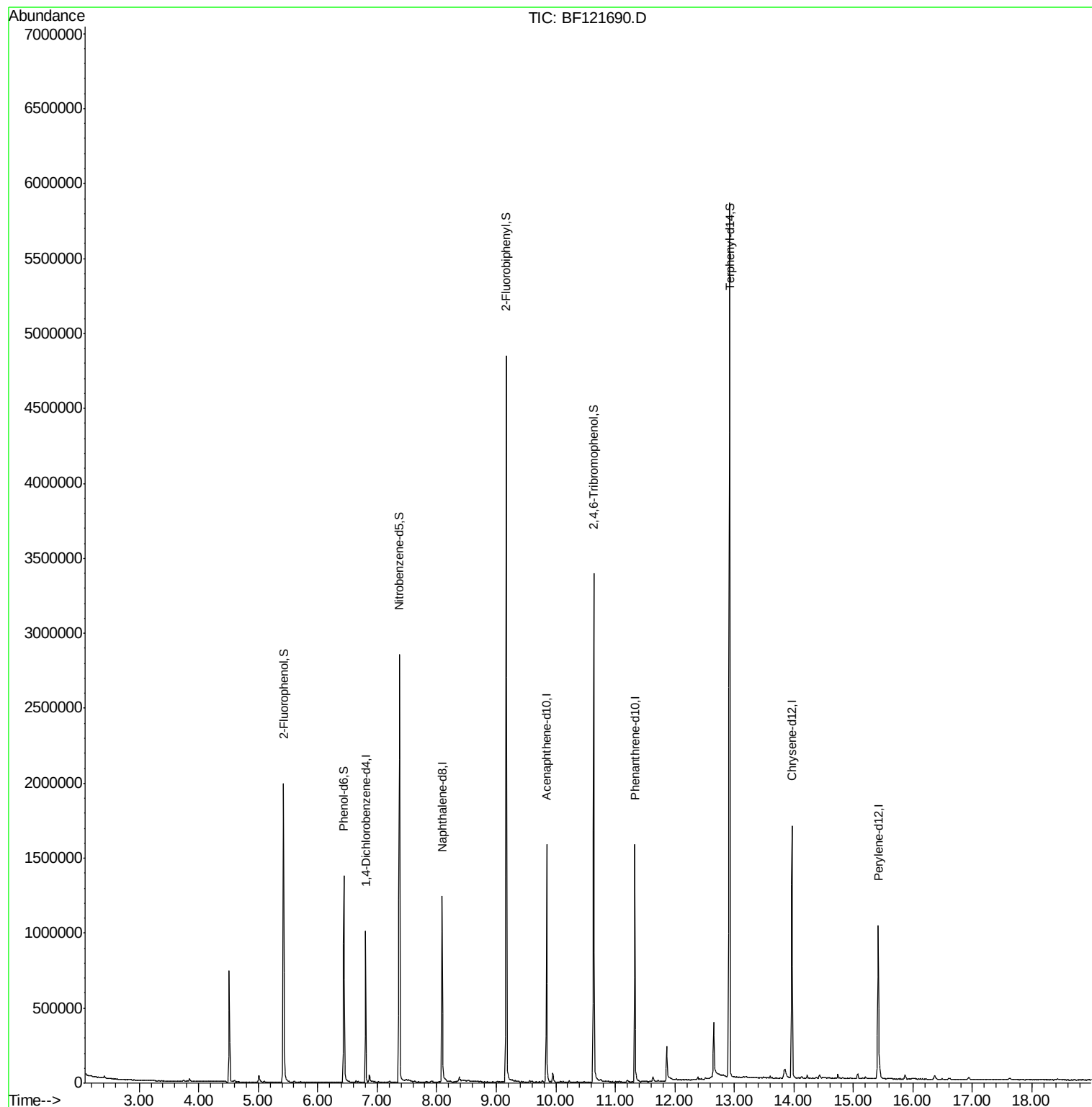
Target Compounds Qvalue

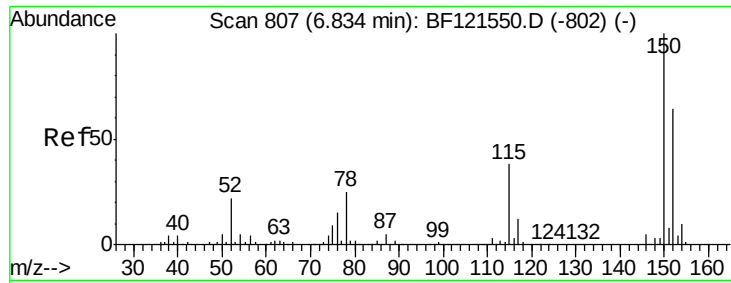
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092420\
Data File : BF121690.D
Acq On : 24 Sep 2020 19:25
Operator : JU/CG
Sample : L4133-04
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW3

Quant Time: Sep 25 01:24:27 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



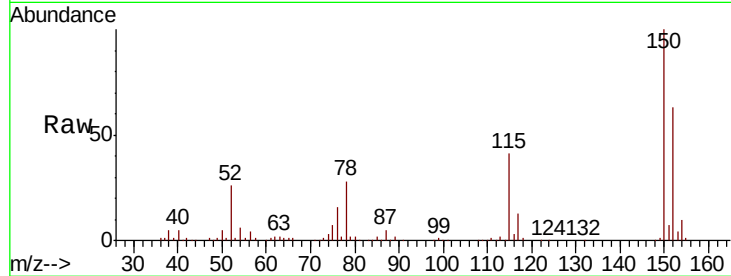


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 802
Delta R.T. -0.01 min
Lab File: BF121690.D
Acq: 24 Sep 2020 19:25

Instrument :
BNA_F
ClientSampleId :
MW3

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.6	128.1	192.1
115	65.1	52.6	79.0

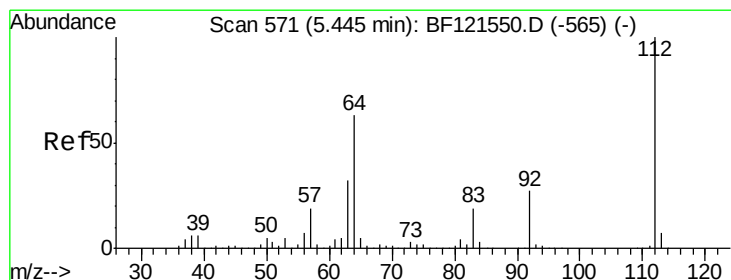
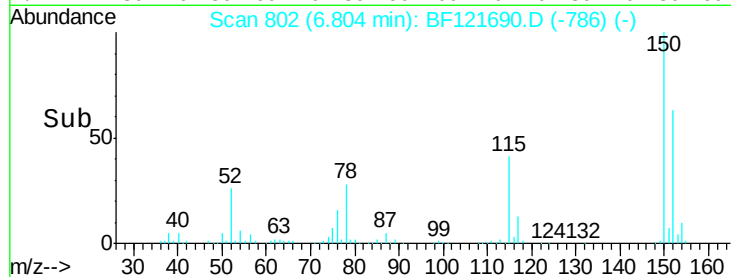
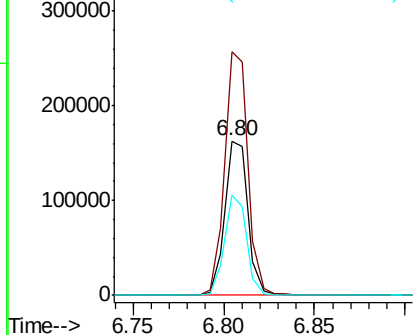


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

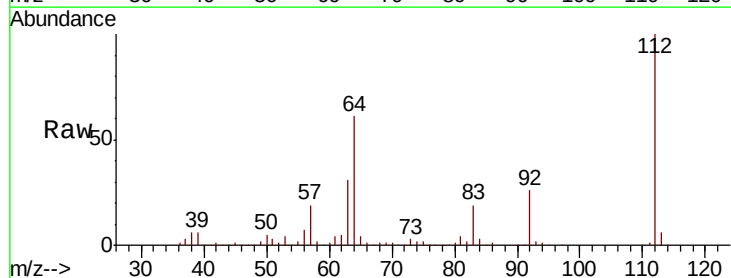
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 58.706 ng
RT: 5.43 min Scan# 568
Delta R.T. 0.00 min
Lab File: BF121690.D
Acq: 24 Sep 2020 19:25

Tgt Ion	Ratio	Lower	Upper
112	100		
64	61.1	52.2	78.2
63	31.2	26.6	39.8

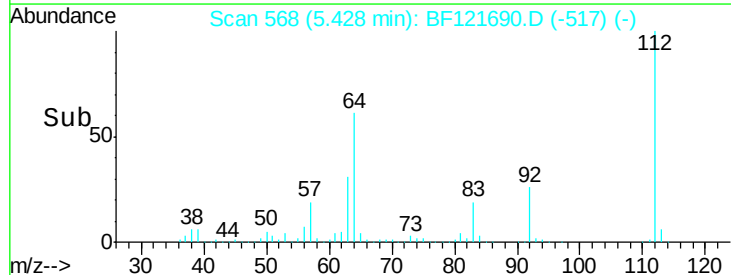
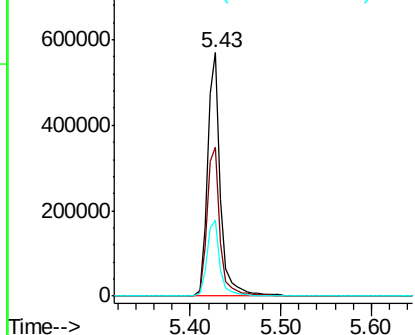


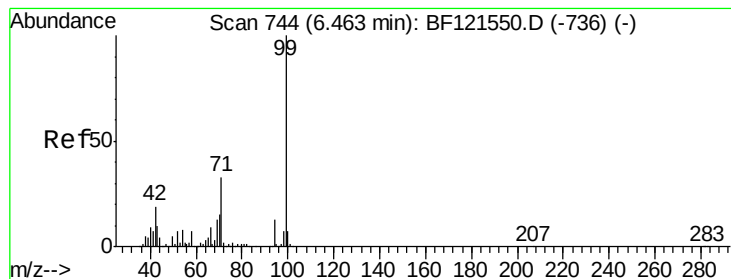
Abundance

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: 36.412 ng

RT: 6.44 min Scan# 740

Delta R.T. -0.01 min

Lab File: BF121690.D

Acq: 24 Sep 2020 19:25

Instrument :

BNA_F

ClientSampleId :

MW3

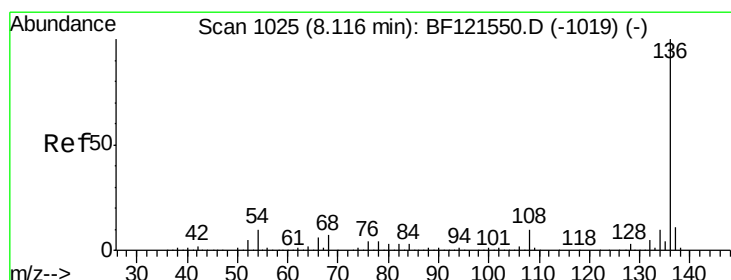
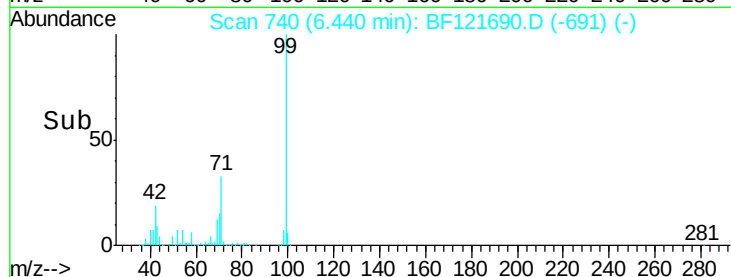
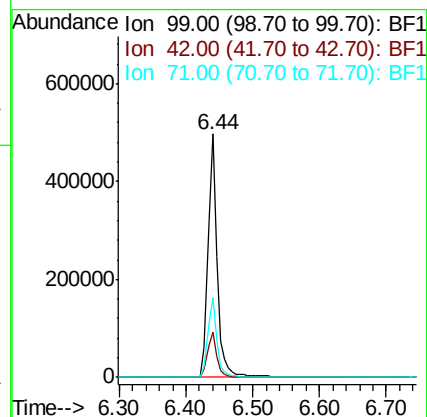
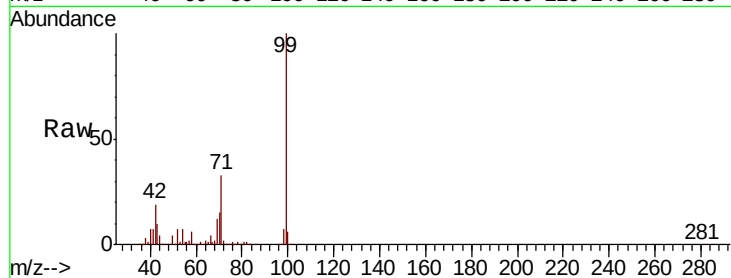
Tot Ion: 99 Resp: 466844

Ion Ratio Lower Upper

99 100

42 18.6 15.5 23.3

71 32.7 27.4 41.2



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.09 min Scan# 1021

Delta R.T. -0.01 min

Lab File: BF121690.D

Acq: 24 Sep 2020 19:25

Tgt Ion: 136 Resp: 575550

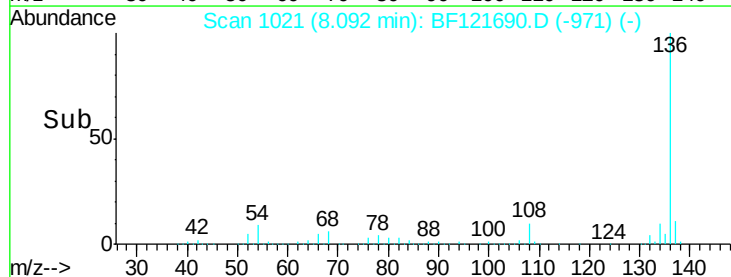
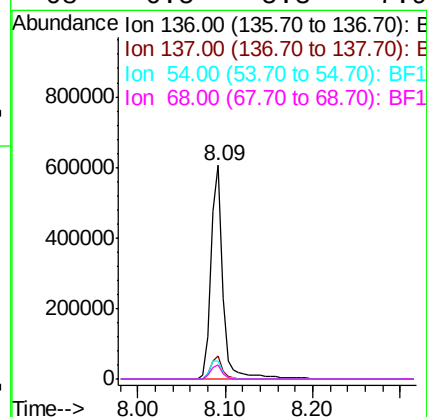
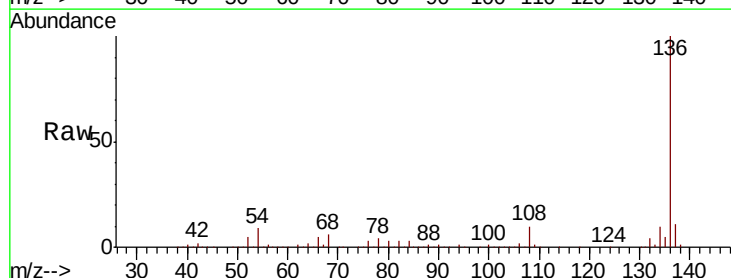
Ion Ratio Lower Upper

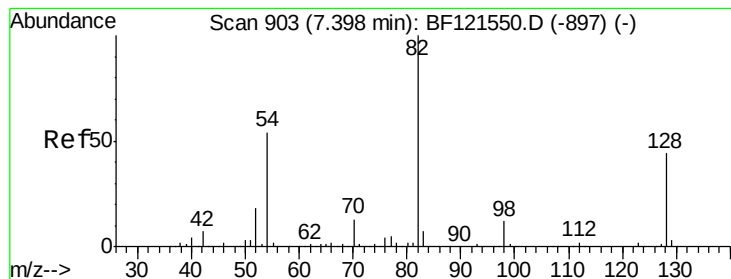
136 100

137 10.8 8.9 13.3

54 8.7 7.4 11.0

68 6.5 5.3 7.9





#23

Nitrobenzene-d5

Concen: 91.297 ng

RT: 7.37 min Scan# 899

Delta R.T. -0.01 min

Lab File: BF121690.D

Acq: 24 Sep 2020 19:25

Instrument :

BNA_F

ClientSampled :

MW3

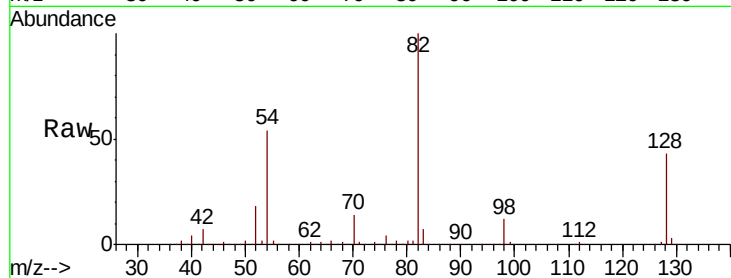
Tot Ion: 82 Resp: 978663

Ion Ratio Lower Upper

82 100

128 43.0 33.9 50.9

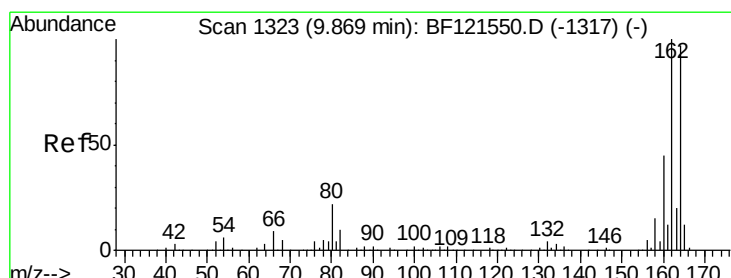
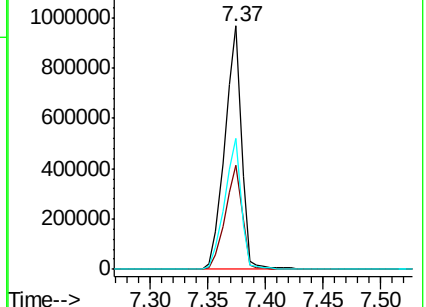
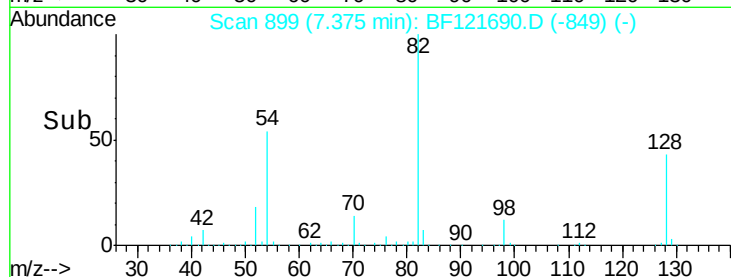
54 53.6 42.9 64.3



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: BF121690.D

Acq: 24 Sep 2020 19:25

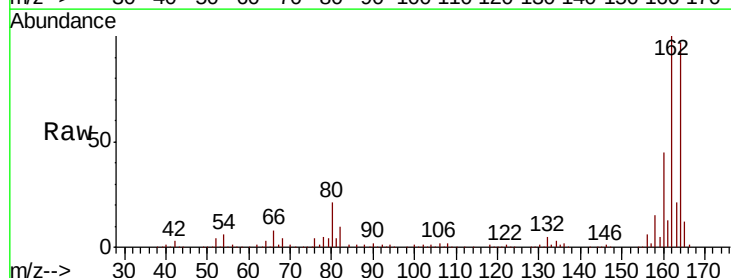
Tgt Ion: 164 Resp: 305399

Ion Ratio Lower Upper

164 100

162 103.0 81.2 121.8

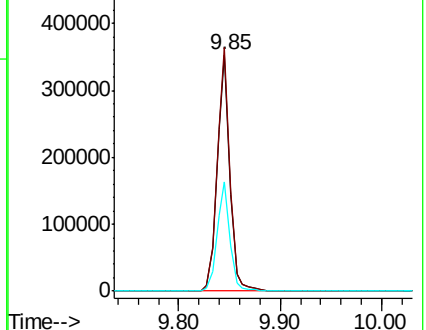
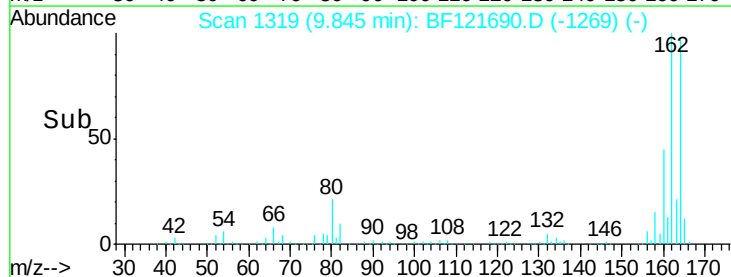
160 46.3 36.2 54.4

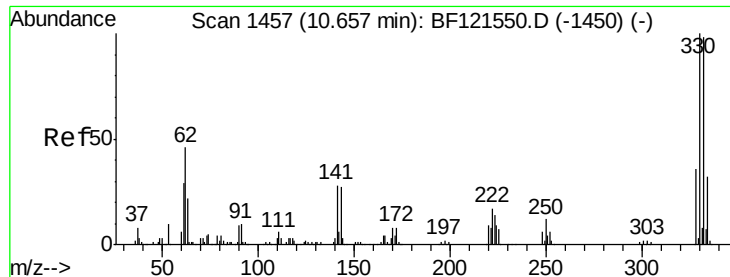


Abundance Ion 164.00 (163.70 to 164.70): BF1

Ion 162.00 (161.70 to 162.70): BF1

Ion 160.00 (159.70 to 160.70): BF1





#42

2,4,6-Tribromophenol

Concen: 135.998 ng

RT: 10.64 min Scan# 1454

Delta R.T. -0.01 min

Lab File: BF121690.D

Acq: 24 Sep 2020 19:25

Instrument :

BNA_F

ClientSampleId :

MW3

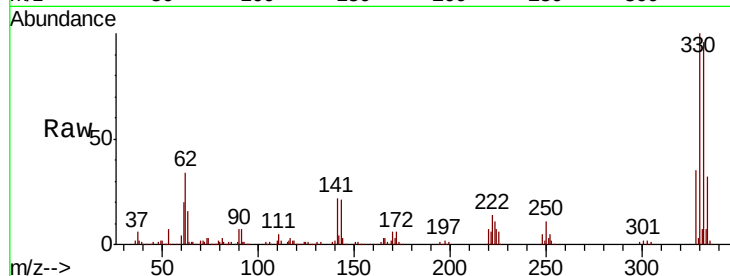
Tot Ion:330 Resp: 516209

Ion Ratio Lower Upper

330 100

332 96.1 76.9 115.3

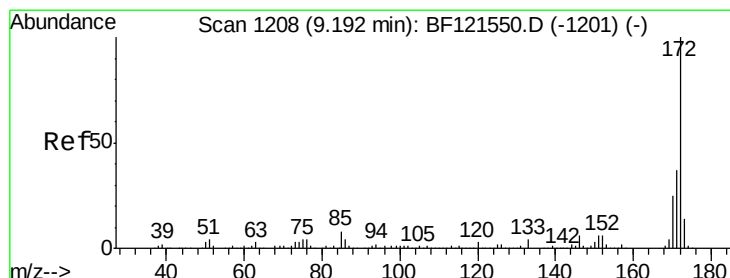
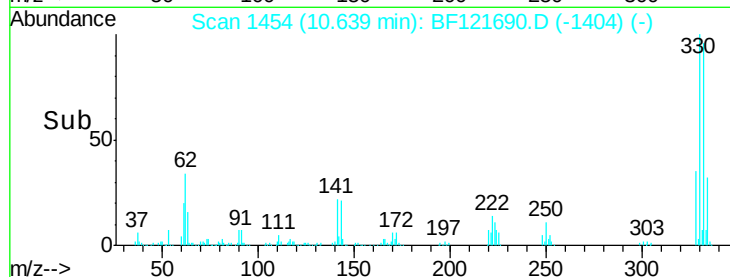
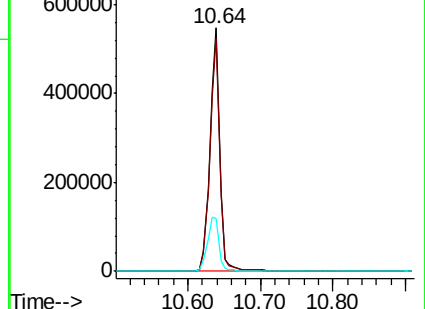
141 26.9 22.4 33.6



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: 77.960 ng

RT: 9.17 min Scan# 1204

Delta R.T. -0.01 min

Lab File: BF121690.D

Acq: 24 Sep 2020 19:25

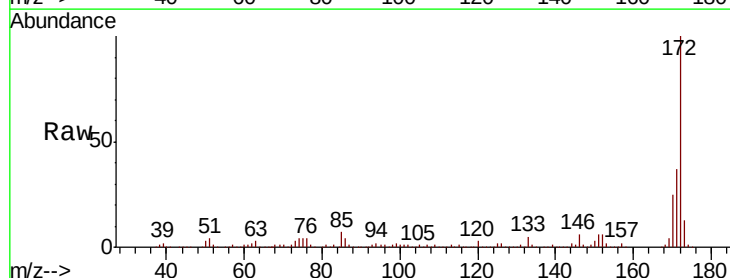
Tgt Ion:172 Resp: 1572041

Ion Ratio Lower Upper

172 100

171 36.7 29.3 43.9

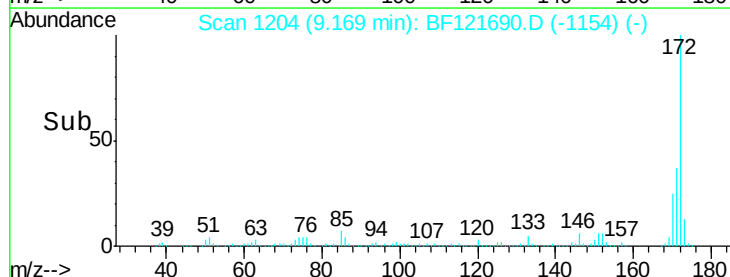
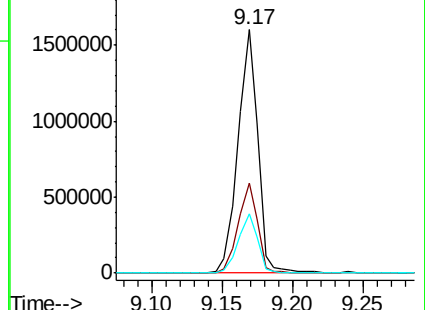
170 24.5 19.5 29.3

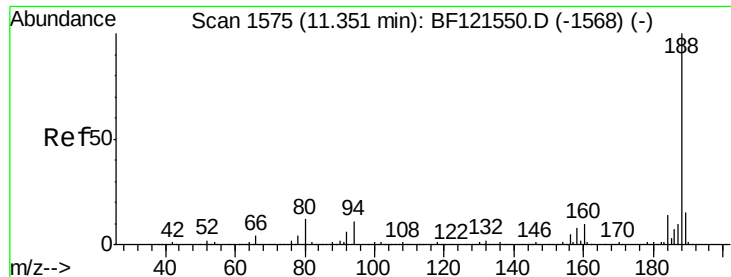


Abundance Ion 172.00 (171.70 to 172.70): E

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: BF121690.D

Acq: 24 Sep 2020 19:25

Instrument :

BNA_F

ClientSampleId :

MW3

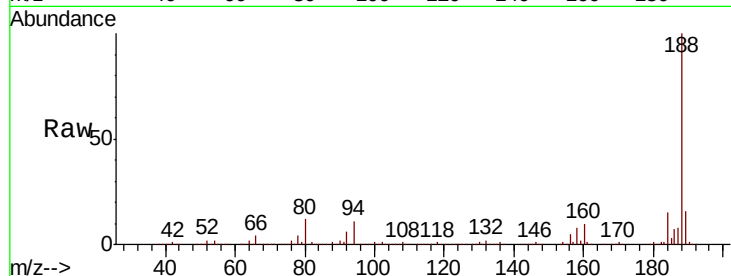
Tot Ion:188 Resp: 606304

Ion Ratio Lower Upper

188 100

94 11.5 8.4 12.6

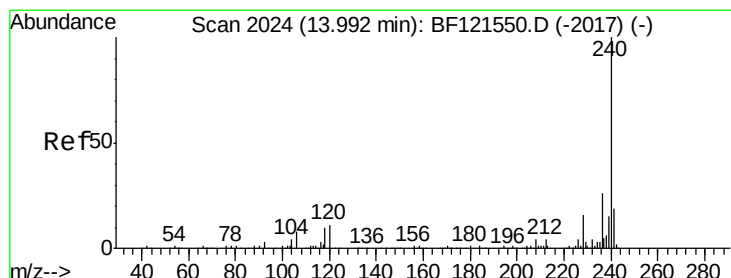
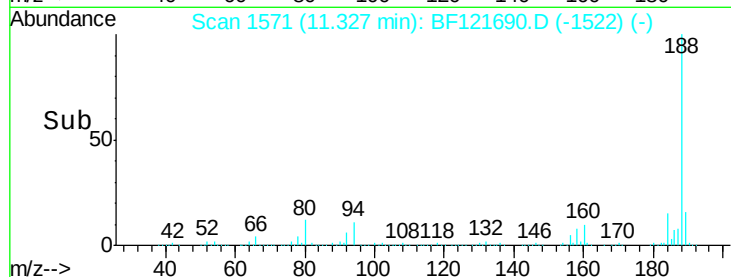
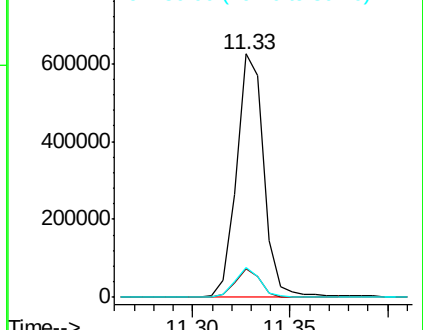
80 12.4 9.0 13.4



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: BF121690.D

Acq: 24 Sep 2020 19:25

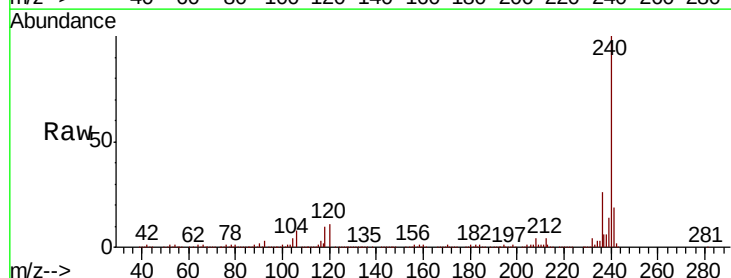
Tgt Ion:240 Resp: 578270

Ion Ratio Lower Upper

240 100

120 11.2 9.2 13.8

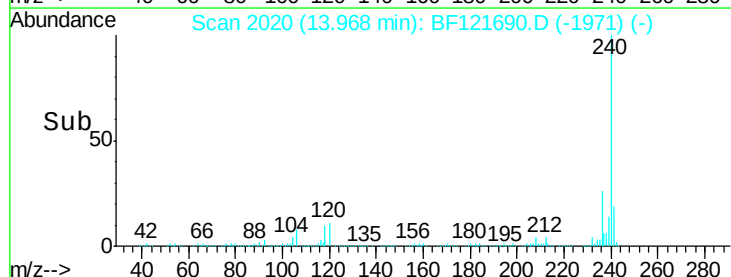
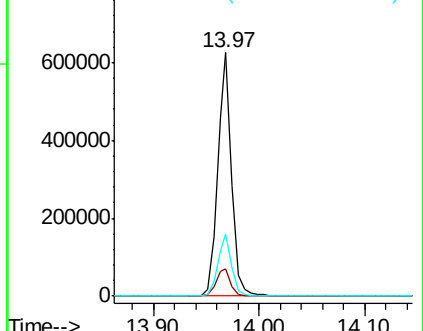
236 25.5 20.4 30.6

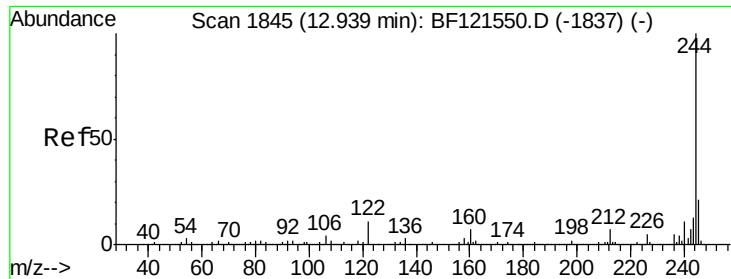


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 76.814 ng

RT: 12.92 min Scan# 1842

Delta R.T. 0.00 min

Lab File: BF121690.D

Acq: 24 Sep 2020 19:25

Instrument :

BNA_F

ClientSampled :

MW3

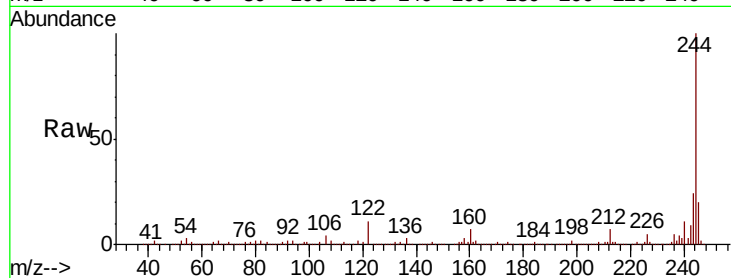
Tot Ion:244 Resp: 2192556

Ion Ratio Lower Upper

244 100

212 7.3 5.5 8.3

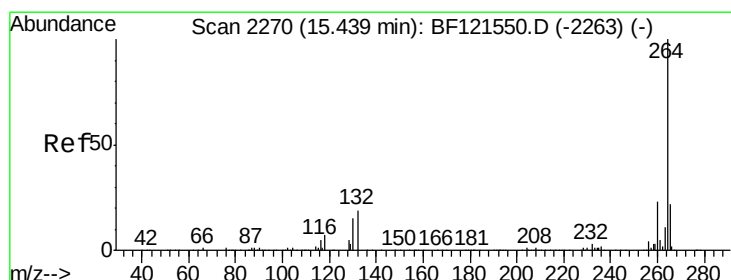
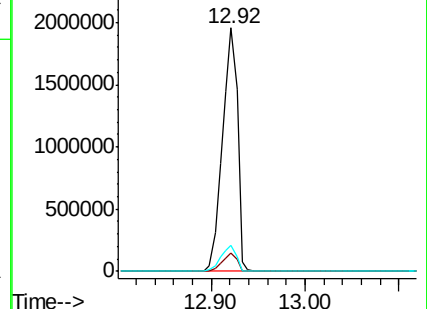
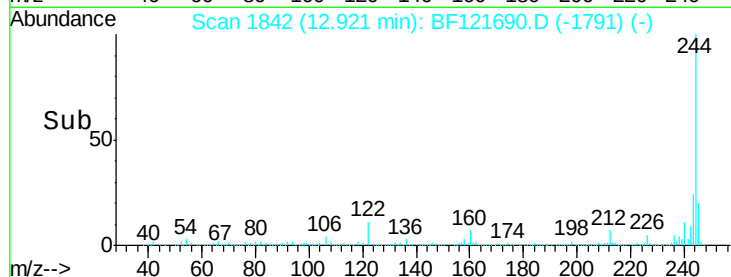
122 10.6 7.4 11.0



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



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.42 min Scan# 2266

Delta R.T. -0.01 min

Lab File: BF121690.D

Acq: 24 Sep 2020 19:25

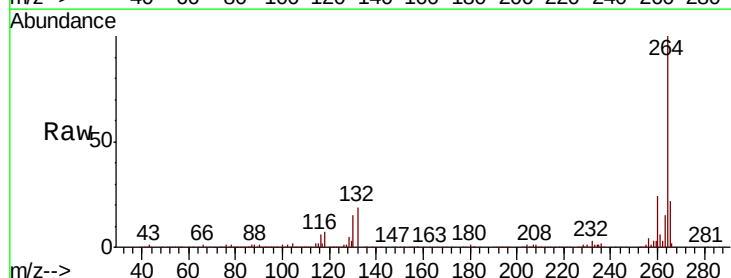
Tgt Ion:264 Resp: 482447

Ion Ratio Lower Upper

264 100

260 24.4 18.8 28.2

265 22.1 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

