

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092320\
 Data File : BF121676.D
 Acq On : 23 Sep 2020 20:26
 Operator : JU/CG
 Sample : L4106-02
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 GLOUCESTER-SP

Quant Time: Sep 24 00:41:08 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	127067	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	498650	20.00	ng	0.00
39) Acenaphthene-d10	9.85	164	259871	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	513500	20.00	ng	0.00
76) Chrysene-d12	13.97	240	500560	20.00	ng	-0.01
86) Perylene-d12	15.42	264	463370	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	894054	104.57	ng	0.01
7) Phenol-d6	6.45	99	1015367	90.52	ng	0.00
23) Nitrobenzene-d5	7.37	82	875097	94.23	ng	0.00
42) 2,4,6-Tribromophenol	10.64	330	439689	136.13	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	1519471	88.55	ng	0.00
79) Terphenyl-d14	12.92	244	1893098	76.62	ng	0.00

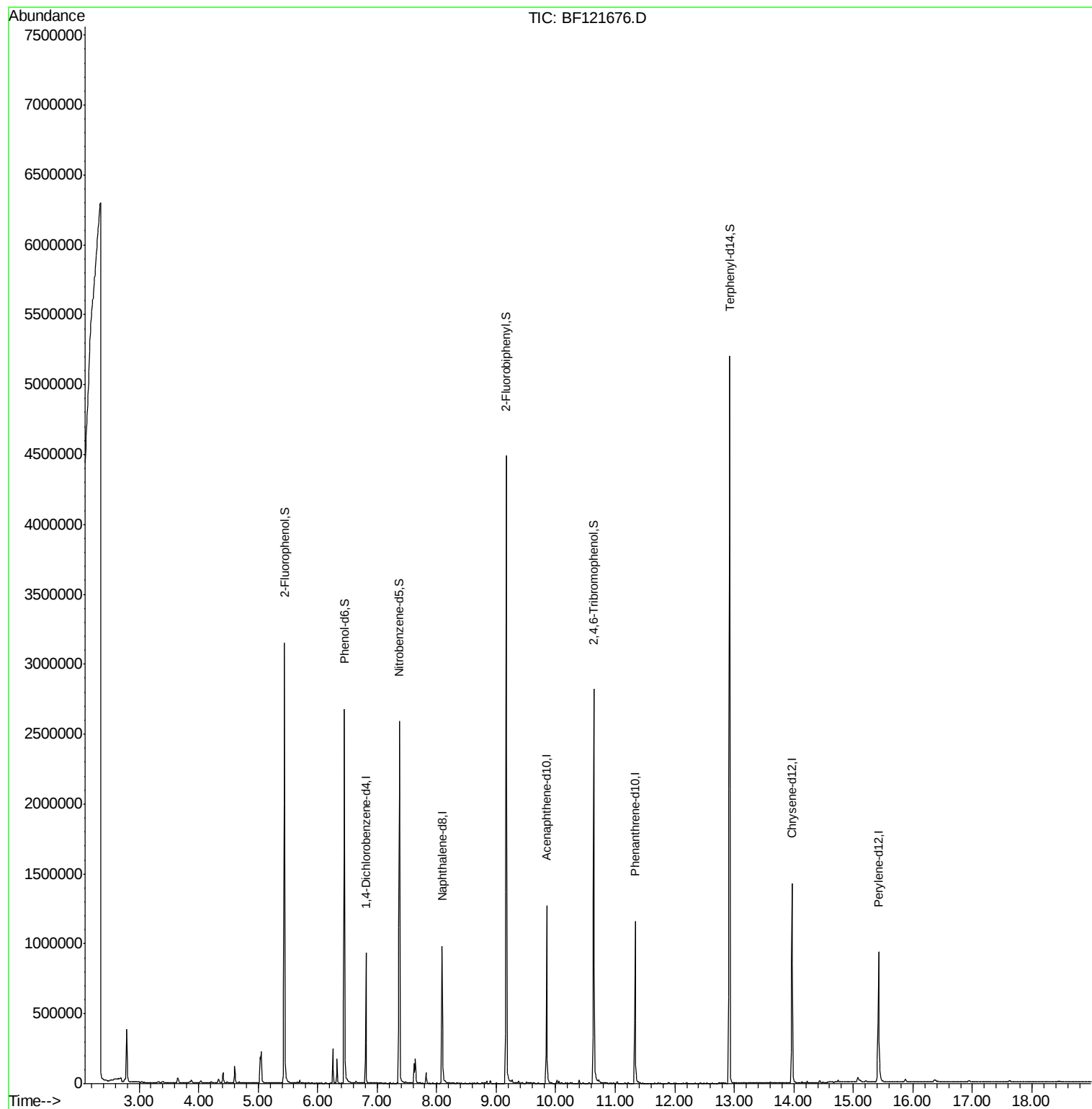
Target Compounds Qvalue

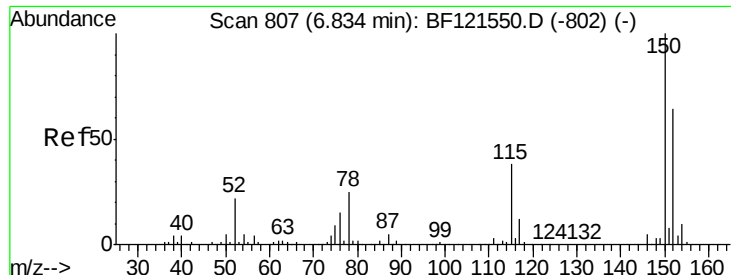
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092320\
Data File : BF121676.D
Acq On : 23 Sep 2020 20:26
Operator : JU/CG
Sample : L4106-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
GLOUCESTER-SP

Quant Time: Sep 24 00:41:08 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: 6.81 min Scan# 803

Delta R.T. 0.00 min

Lab File: BF121676.D

Acq: 23 Sep 2020 20:26

Instrument :

BNA_F

ClientSampleId :

GLOUCESTER-SP

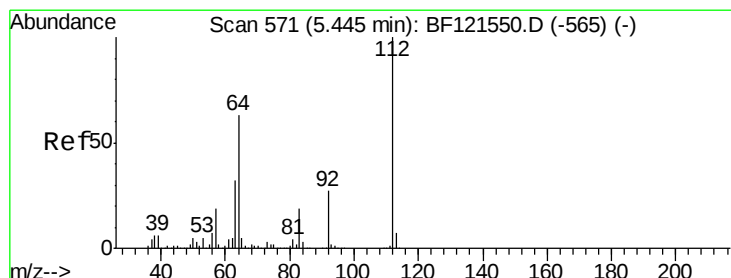
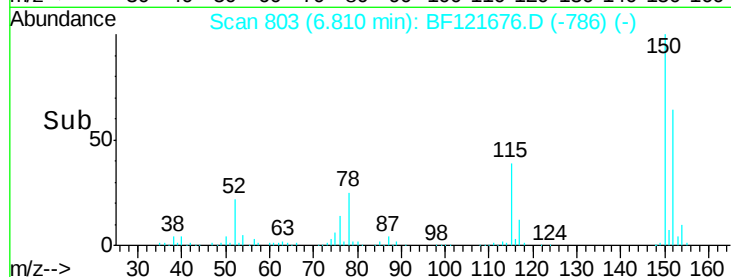
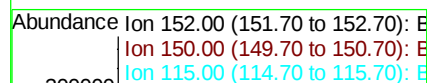
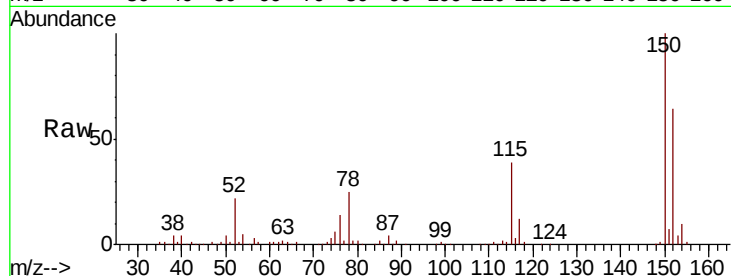
Tot Ion:152 Resp: 127067

Ion Ratio Lower Upper

152 100

150 157.3 128.1 192.1

115 61.4 52.6 79.0



#5

2-Fluorophenol

Concen: 104.565 ng

RT: 5.44 min Scan# 570

Delta R.T. 0.01 min

Lab File: BF121676.D

Acq: 23 Sep 2020 20:26

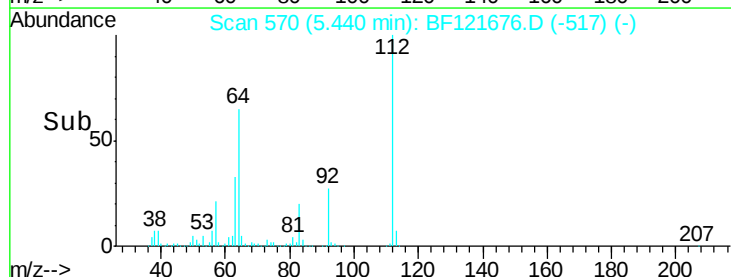
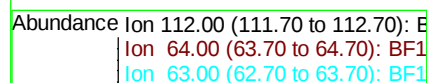
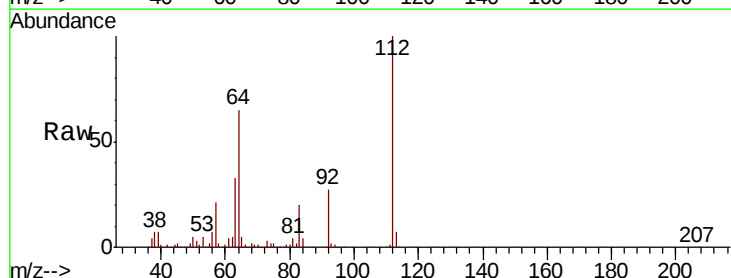
Tgt Ion:112 Resp: 894054

Ion Ratio Lower Upper

112 100

64 64.6 52.2 78.2

63 33.1 26.6 39.8





#7

Phenol-d6

Concen: 90.517 ng

RT: 6.45 min Scan# 741

Delta R.T. -0.01 min

Lab File: BF121676.D

Acq: 23 Sep 2020 20:26

Instrument :

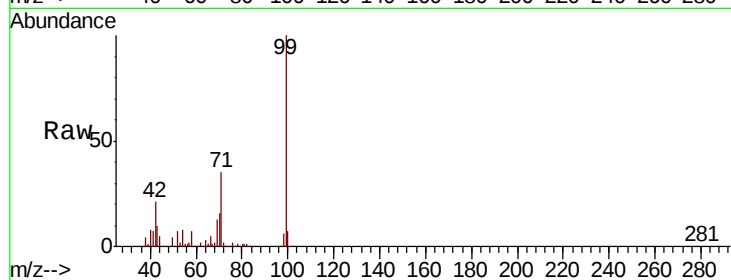
BNA_F

ClientSampleId :

GLOUCESTER-SP

Tot Ion: 99 Resp: 1015367

Ion	Ratio	Lower	Upper
99	100		
42	20.5	15.5	23.3
71	35.3	27.4	41.2

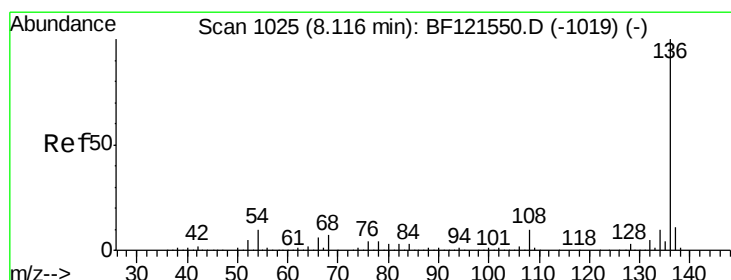
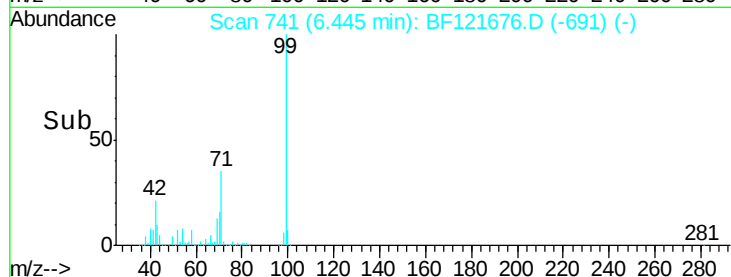
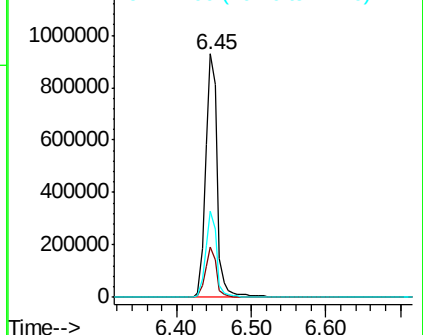


Abundance

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

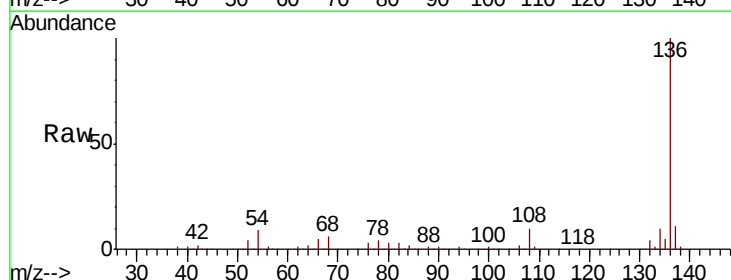
Delta R.T. -0.01 min

Lab File: BF121676.D

Acq: 23 Sep 2020 20:26

Tgt Ion: 136 Resp: 498650

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.9	13.3
54	8.7	7.4	11.0
68	6.1	5.3	7.9



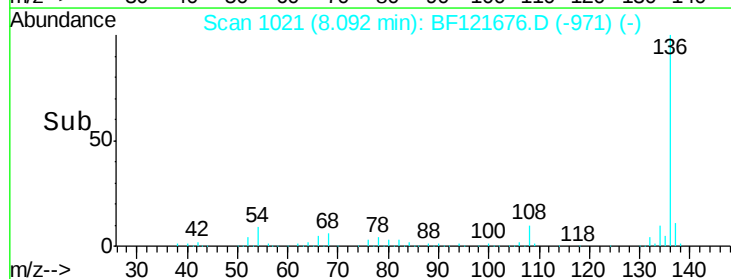
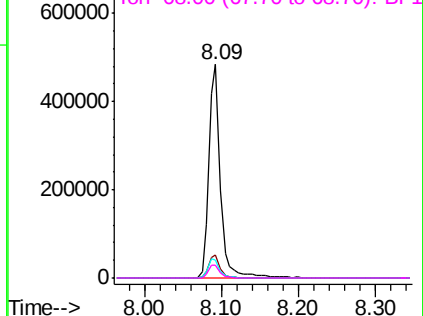
Abundance

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

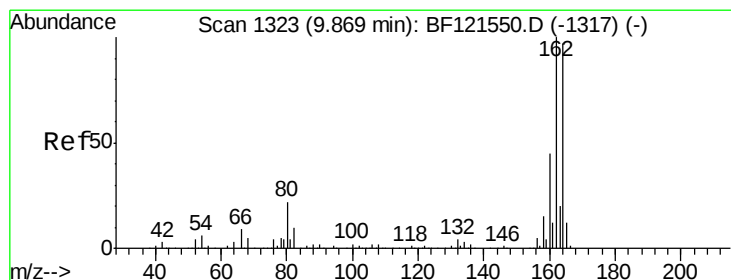
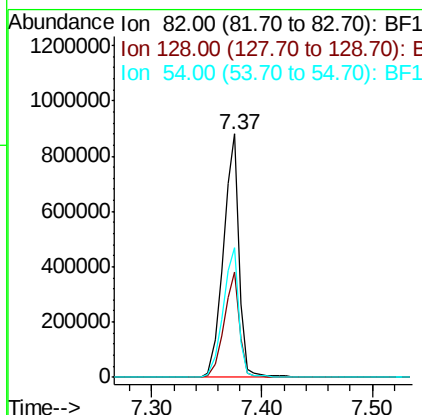
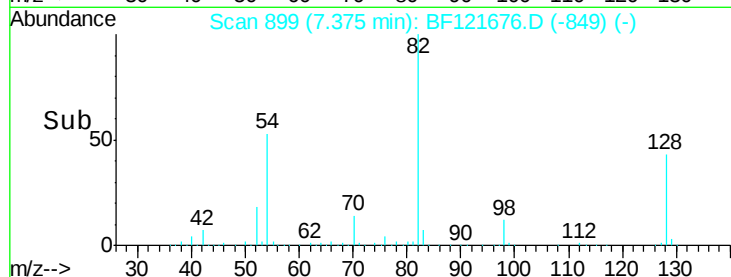
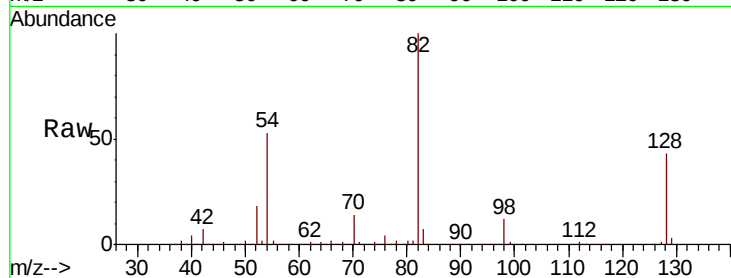




#23
Nitrobenzene-d5
Concen: 94.226 ng
RT: 7.37 min Scan# 899
Delta R.T. -0.01 min
Lab File: BF121676.D
Acq: 23 Sep 2020 20:26

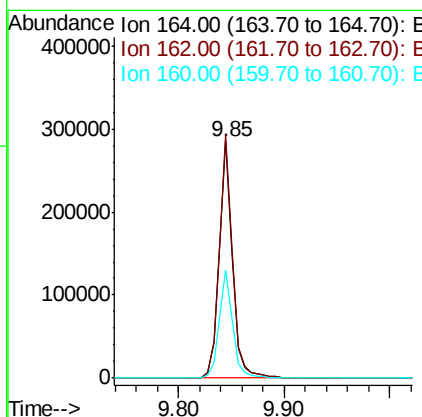
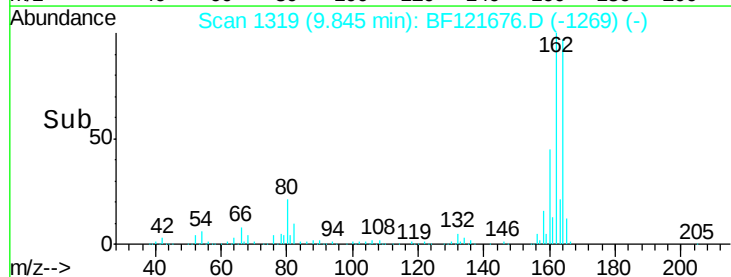
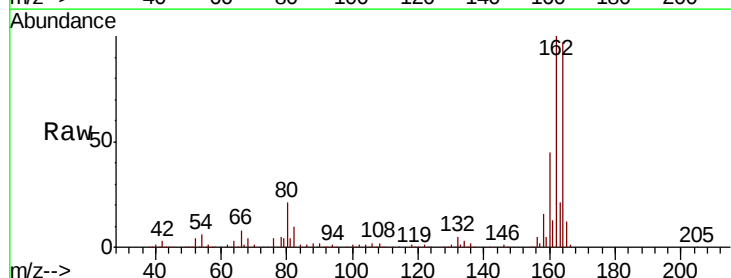
Instrument :
BNA_F
ClientSampleId :
GLOUCESTER-SP

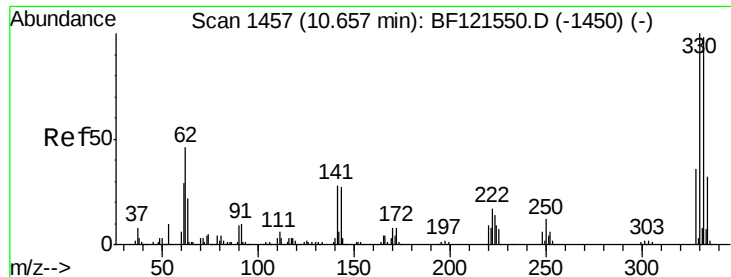
Tot Ion: 82 Resp: 875097
Ion Ratio Lower Upper
82 100
128 43.4 33.9 50.9
54 53.1 42.9 64.3



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.85 min Scan# 1319
Delta R.T. -0.01 min
Lab File: BF121676.D
Acq: 23 Sep 2020 20:26

Tgt Ion: 164 Resp: 259871
Ion Ratio Lower Upper
164 100
162 102.7 81.2 121.8
160 45.8 36.2 54.4





#42

2,4,6-Tribromophenol

Concen: 136.133 ng

RT: 10.64 min Scan# 1454

Delta R.T. -0.01 min

Lab File: BF121676.D

Acq: 23 Sep 2020 20:26

Instrument :

BNA_F

ClientSampleId :

GLOUCESTER-SP

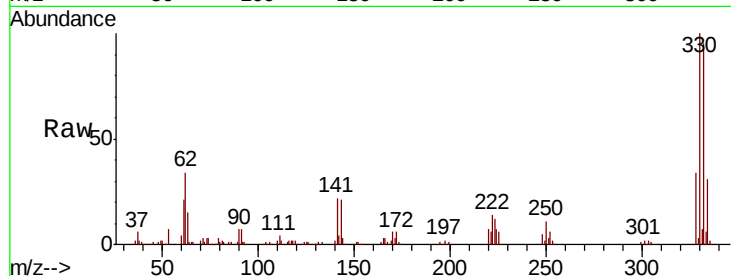
Tot Ion:330 Resp: 439689

Ion Ratio Lower Upper

330 100

332 95.0 76.9 115.3

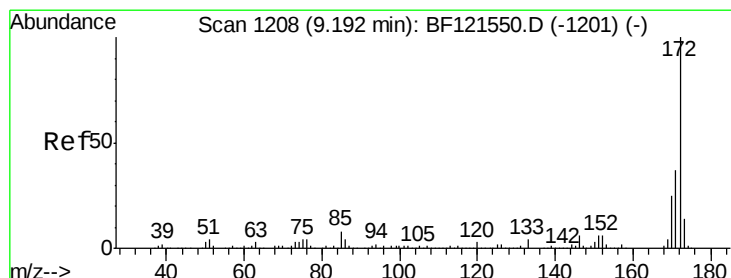
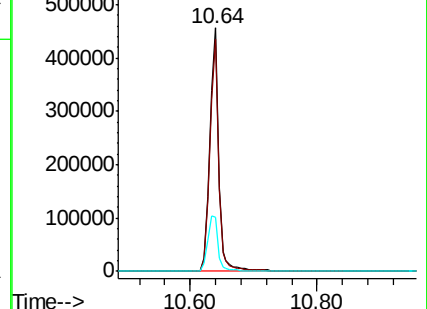
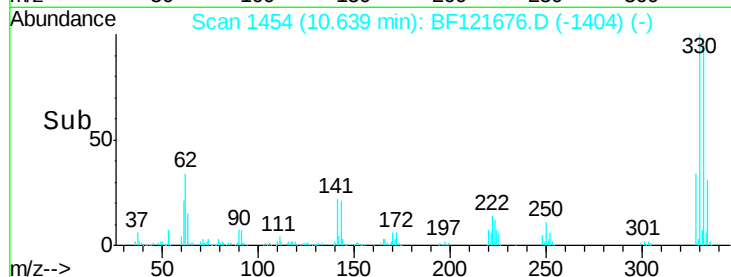
141 26.9 22.4 33.6



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: 88.555 ng

RT: 9.17 min Scan# 1204

Delta R.T. -0.01 min

Lab File: BF121676.D

Acq: 23 Sep 2020 20:26

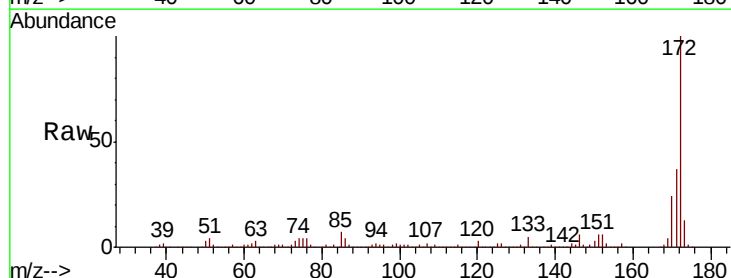
Tgt Ion:172 Resp: 1519471

Ion Ratio Lower Upper

172 100

171 36.8 29.3 43.9

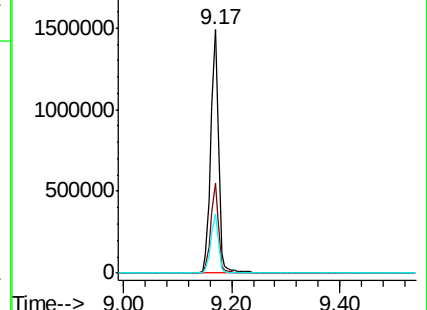
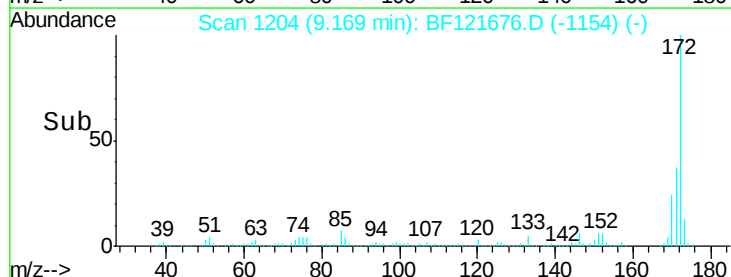
170 24.4 19.5 29.3

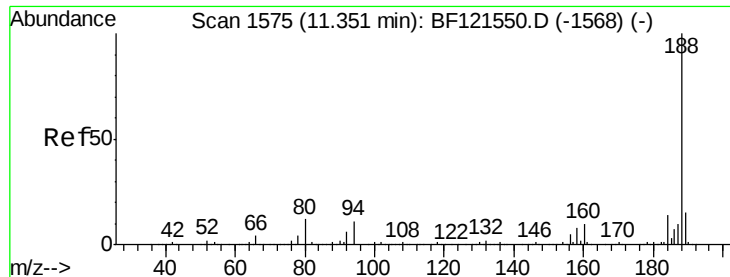


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

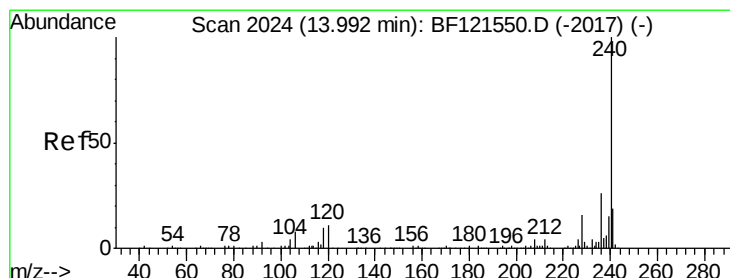
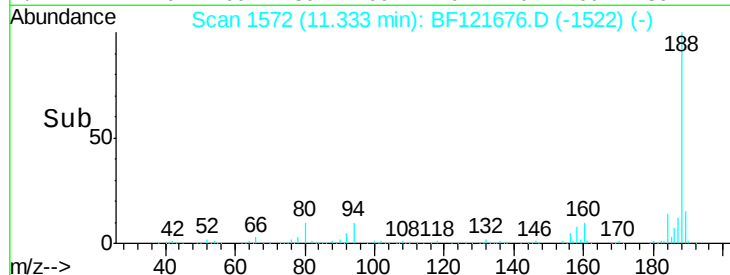
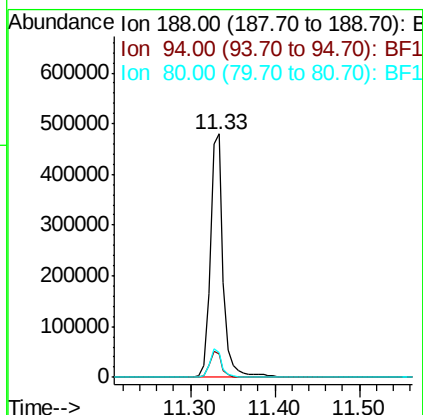
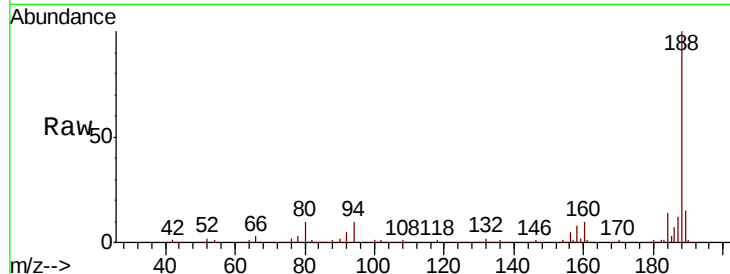




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1572
Delta R.T. -0.01 min
Lab File: BF121676.D
Acq: 23 Sep 2020 20:26

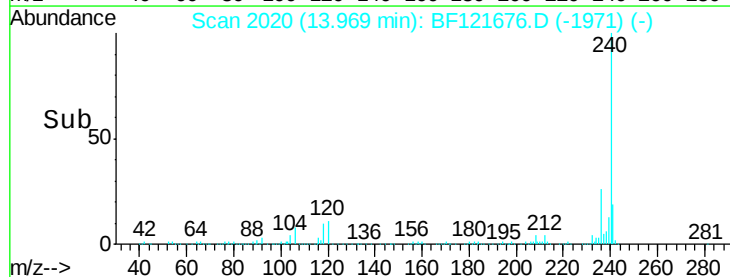
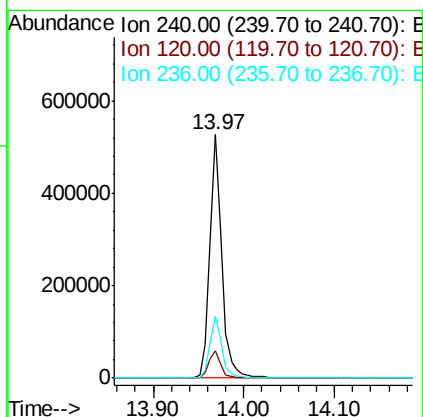
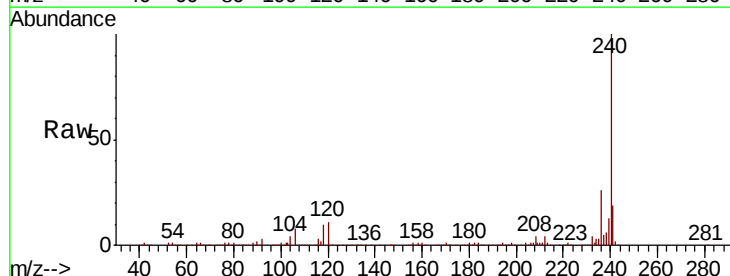
Instrument :
BNA_F
ClientSampleId :
GLOUCESTER-SP

Tot Ion:188 Resp: 513500
Ion Ratio Lower Upper
188 100
94 9.6 8.4 12.6
80 10.1 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: BF121676.D
Acq: 23 Sep 2020 20:26

Tgt Ion:240 Resp: 500560
Ion Ratio Lower Upper
240 100
120 11.4 9.2 13.8
236 25.7 20.4 30.6





#79

Terphenyl-d14

Concen: 76.619 ng

RT: 12.92 min Scan# 1842

Delta R.T. 0.00 min

Lab File: BF121676.D

Acq: 23 Sep 2020 20:26

Instrument :

BNA_F

ClientSampleId :

GLOUCESTER-SP

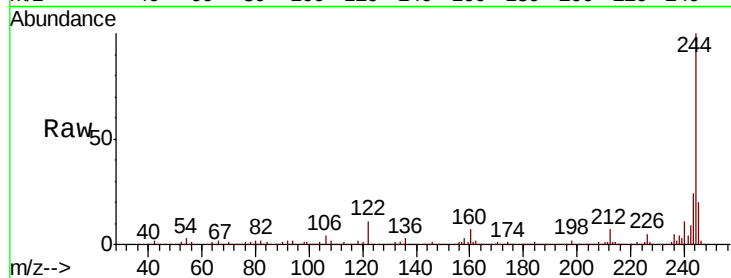
Tot Ion:244 Resp: 1893098

Ion Ratio Lower Upper

244 100

212 7.3 5.5 8.3

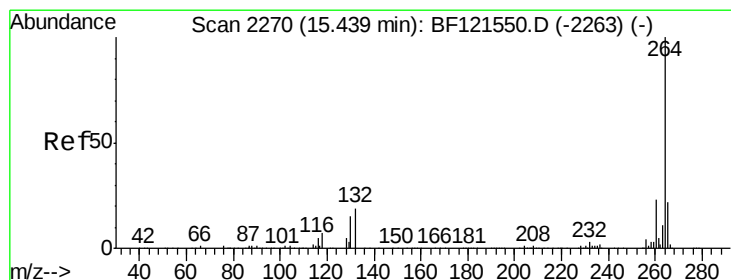
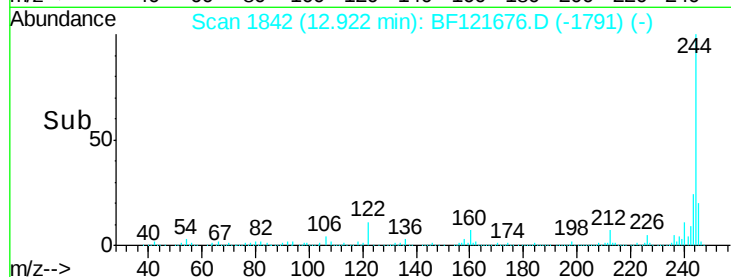
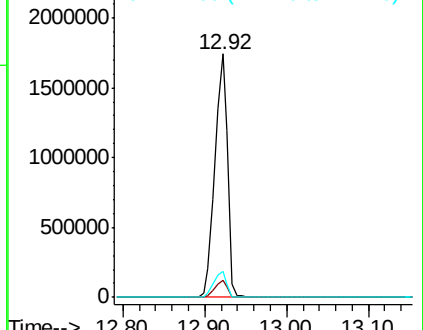
122 10.7 7.4 11.0



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: BF121676.D

Acq: 23 Sep 2020 20:26

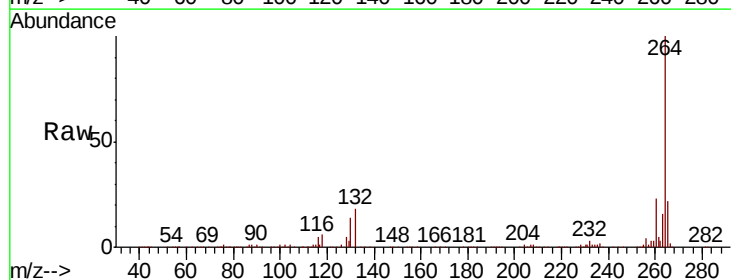
Tgt Ion:264 Resp: 463370

Ion Ratio Lower Upper

264 100

260 23.1 18.8 28.2

265 21.8 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

