

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092320\
 Data File : BF121671.D
 Acq On : 23 Sep 2020 17:10
 Operator : JU/CG
 Sample : L3863-08
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HD-01-092220

Quant Time: Sep 23 17:38:44 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	146746	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	573863	20.00	ng	0.00
39) Acenaphthene-d10	9.85	164	303809	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	597383	20.00	ng	0.00
76) Chrysene-d12	13.97	240	564648	20.00	ng	-0.01
86) Perylene-d12	15.42	264	509637	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	1057655	107.11	ng	0.02
7) Phenol-d6	6.45	99	1220492	94.21	ng	0.00
23) Nitrobenzene-d5	7.37	82	1034348	96.78	ng	0.00
42) 2,4,6-Tribromophenol	10.64	330	542051	143.55	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	1775144	88.49	ng	0.00
79) Terphenyl-d14	12.93	244	2179614	78.20	ng	0.00

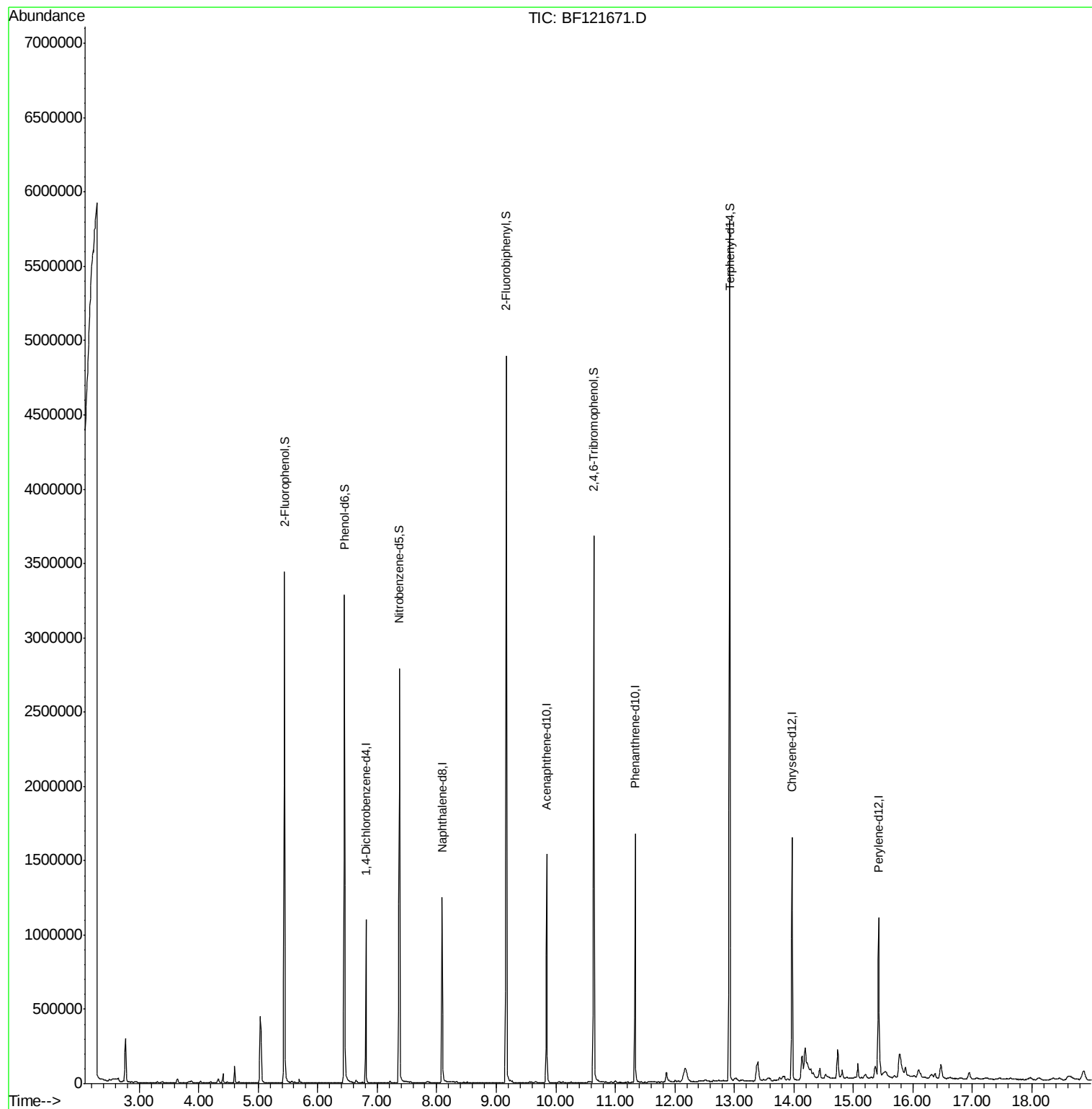
Target Compounds Qvalue

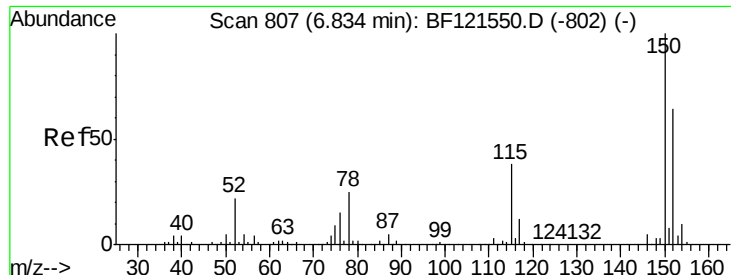
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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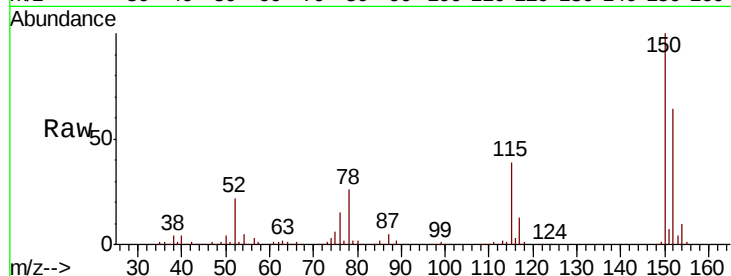


#1

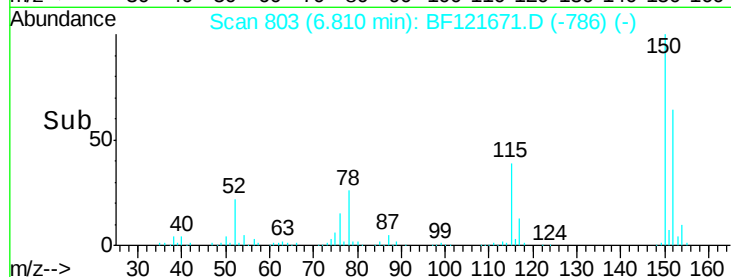
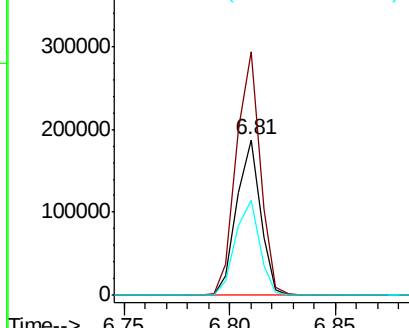
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.81 min Scan# 803
Delta R.T. -0.00 min
Lab File: BF121671.D
Acq: 23 Sep 2020 17:10

Instrument :
BNA_F
ClientSampleId :
HD-01-092220

Tot Ion:152 Resp: 146746
Ion Ratio Lower Upper
152 100
150 156.2 128.1 192.1
115 60.7 52.6 79.0



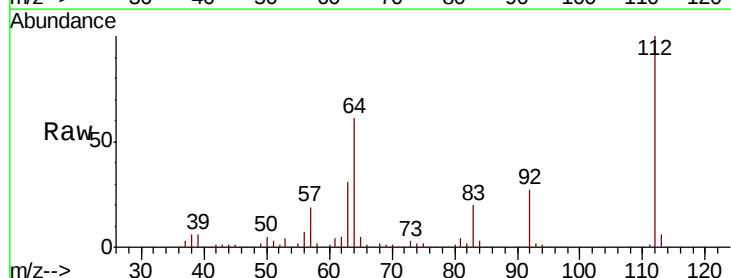
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



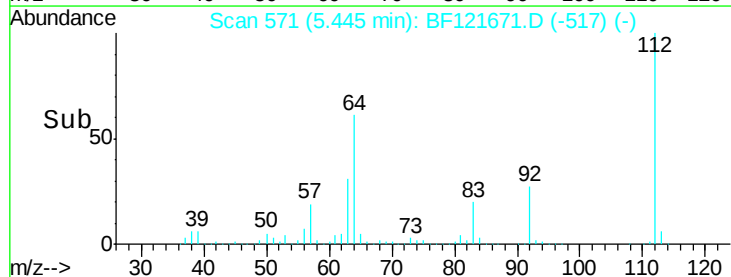
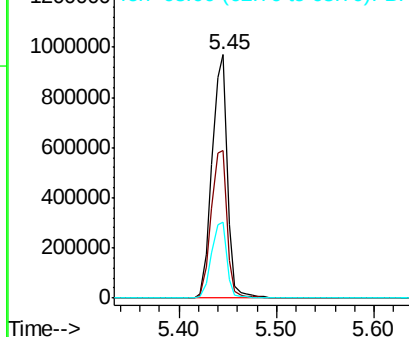
#5

2-Fluorophenol
Concen: 107.111 ng
RT: 5.45 min Scan# 571
Delta R.T. 0.02 min
Lab File: BF121671.D
Acq: 23 Sep 2020 17:10

Tgt Ion:112 Resp: 1057655
Ion Ratio Lower Upper
112 100
64 60.6 52.2 78.2
63 31.3 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: 94.213 ng

RT: 6.45 min Scan# 742

Delta R.T. -0.00 min

Lab File: BF121671.D

Acq: 23 Sep 2020 17:10

Instrument :

BNA_F

ClientSampleId :

HD-01-092220

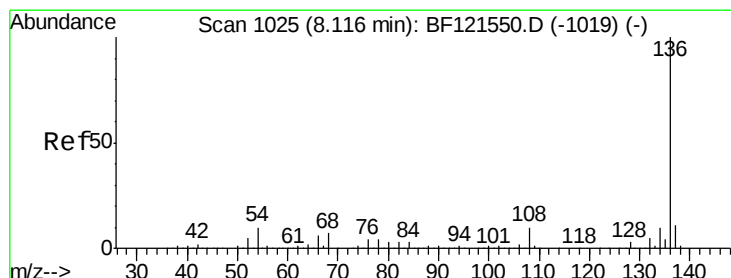
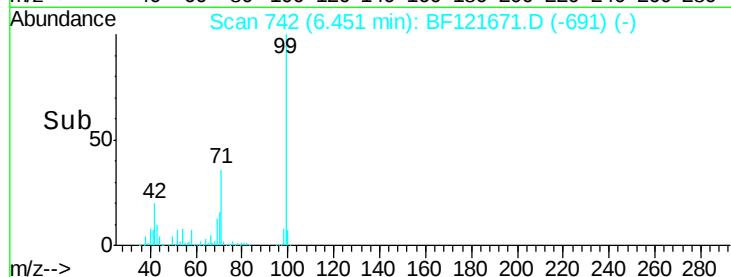
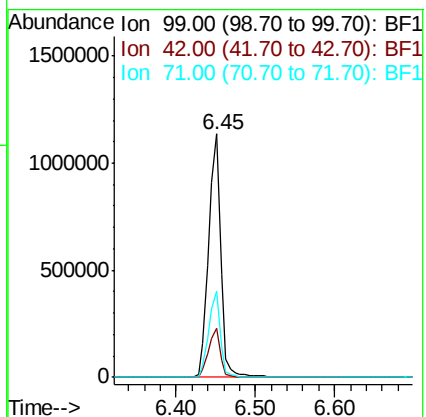
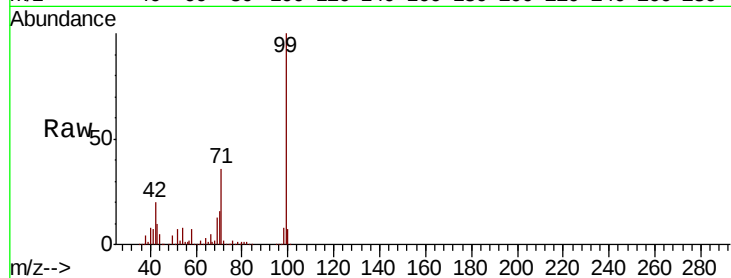
Tot Ion: 99 Resp: 1220492

Ion Ratio Lower Upper

99 100

42 20.0 15.5 23.3

71 35.6 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: BF121671.D

Acq: 23 Sep 2020 17:10

Tgt Ion: 136 Resp: 573863

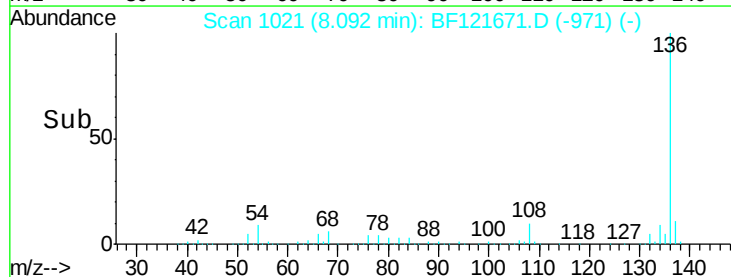
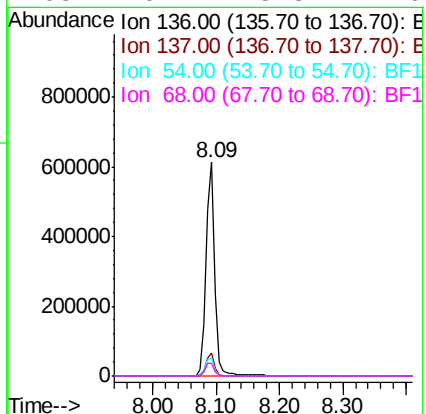
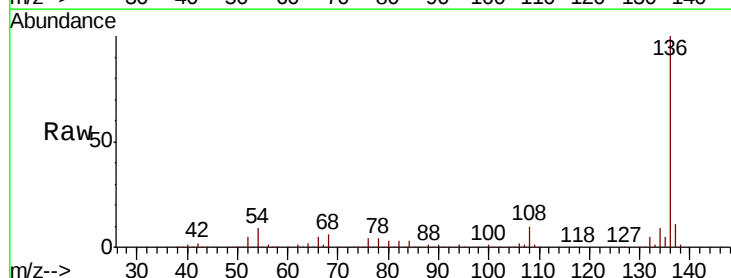
Ion Ratio Lower Upper

136 100

137 10.6 8.9 13.3

54 8.6 7.4 11.0

68 6.2 5.3 7.9



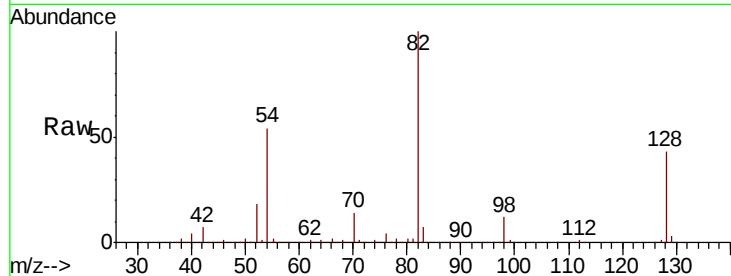


#23
 Nitrobenzene-d5
 Concen: 96.776 ng
 RT: 7.37 min Scan# 899
 Delta R.T. -0.01 min
 Lab File: BF121671.D
 Acq: 23 Sep 2020 17:10

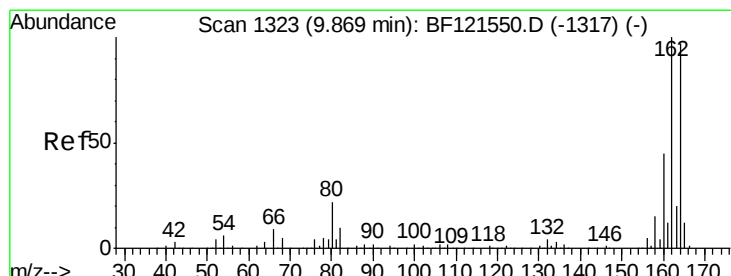
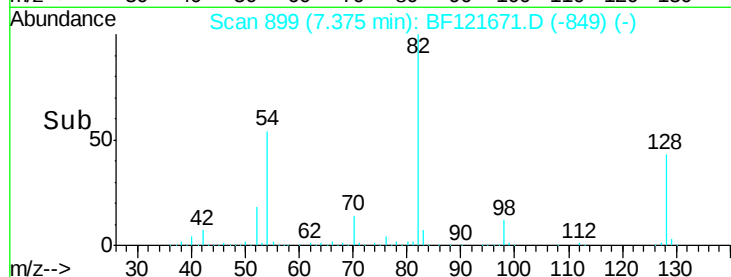
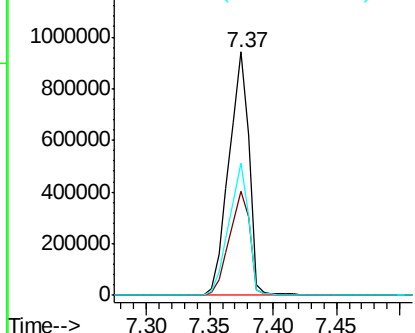
Instrument :
 BNA_F
 ClientSampleId :
 HD-01-092220

Tot Ion: 82 Resp: 1034348

Ion	Ratio	Lower	Upper
82	100		
128	42.9	33.9	50.9
54	54.1	42.9	64.3



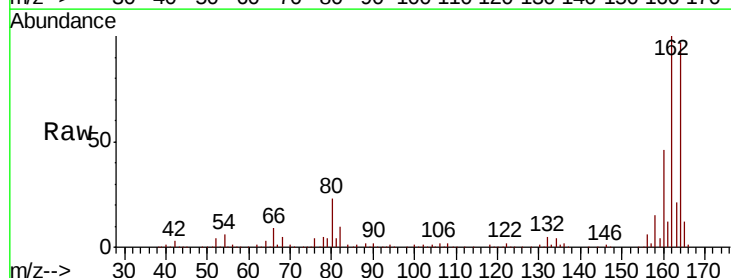
Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF1



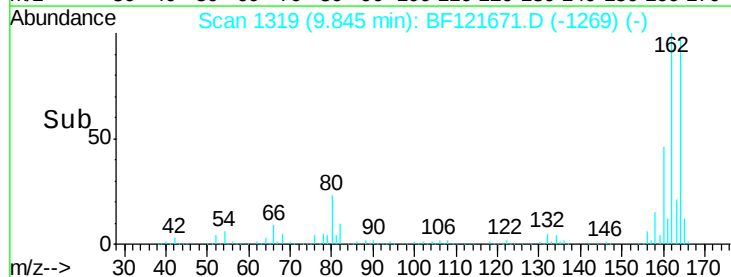
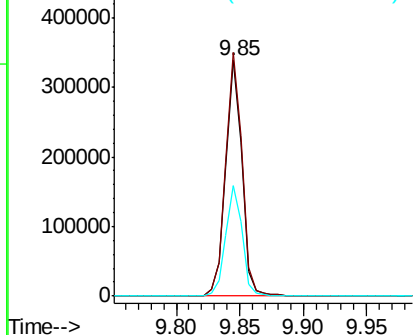
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.85 min Scan# 1319
 Delta R.T. -0.01 min
 Lab File: BF121671.D
 Acq: 23 Sep 2020 17:10

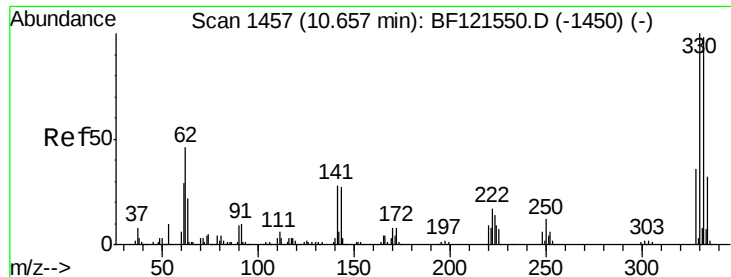
Tgt Ion: 164 Resp: 303809

Ion	Ratio	Lower	Upper
164	100		
162	103.4	81.2	121.8
160	47.2	36.2	54.4



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

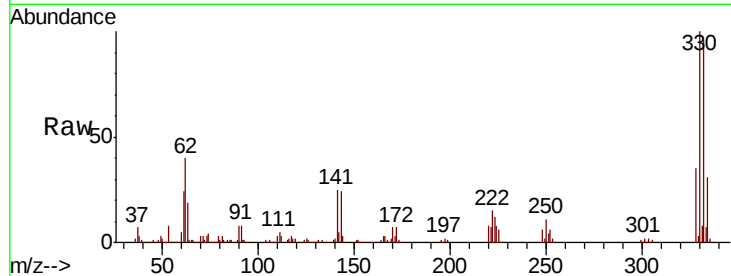




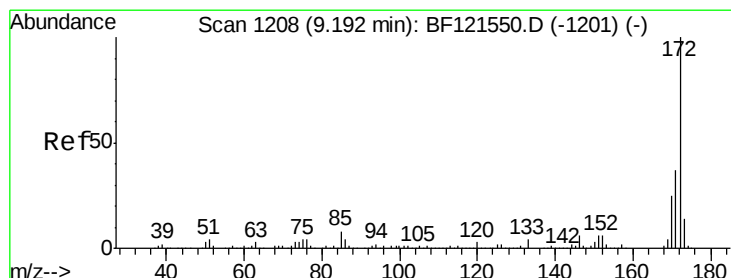
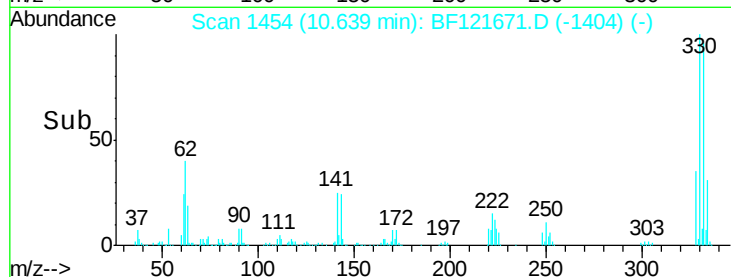
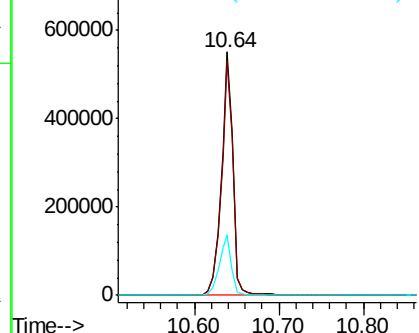
#42
2,4,6-Tribromophenol
Concen: 143.554 ng
RT: 10.64 min Scan# 1454
Delta R.T. -0.01 min
Lab File: BF121671.D
Acq: 23 Sep 2020 17:10

Instrument :
BNA_F
ClientSampleId :
HD-01-092220

Tot Ion:330 Resp: 542051
Ion Ratio Lower Upper
330 100
332 96.4 76.9 115.3
141 26.3 22.4 33.6

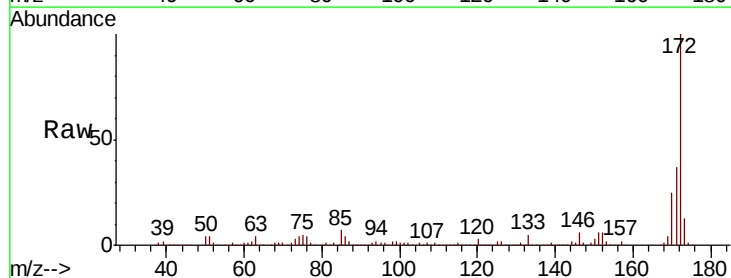


Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

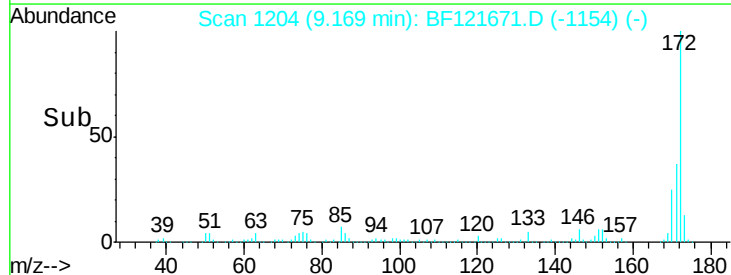
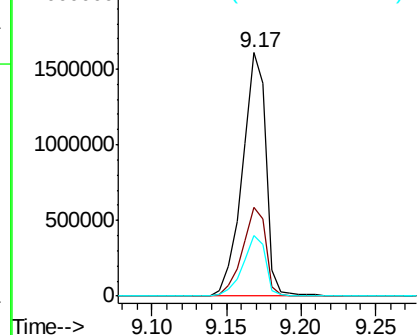


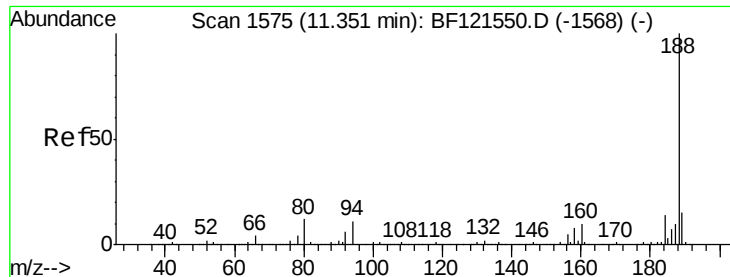
#45
2-Fluorobiphenyl
Concen: 88.493 ng
RT: 9.17 min Scan# 1204
Delta R.T. -0.01 min
Lab File: BF121671.D
Acq: 23 Sep 2020 17:10

Tgt Ion:172 Resp: 1775144
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

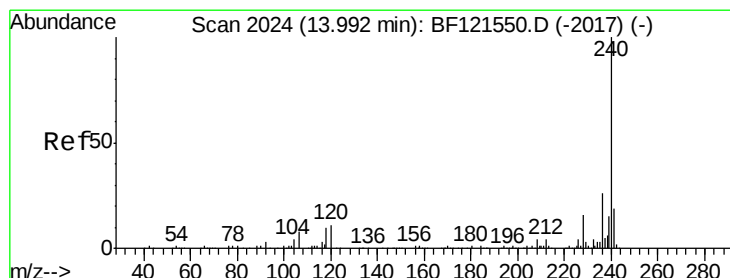
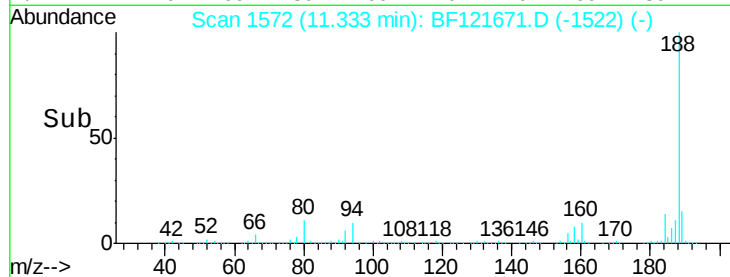
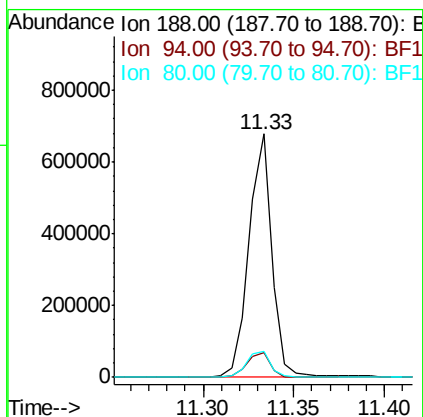
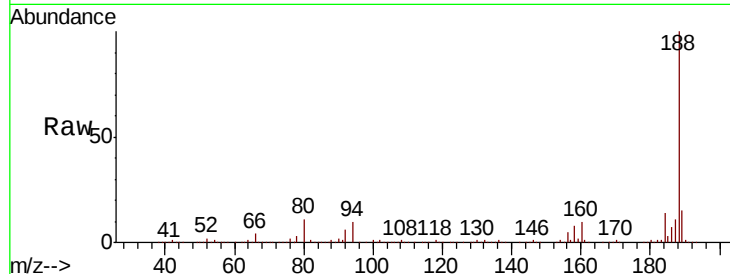




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1572
Delta R.T. -0.01 min
Lab File: BF121671.D
Acq: 23 Sep 2020 17:10

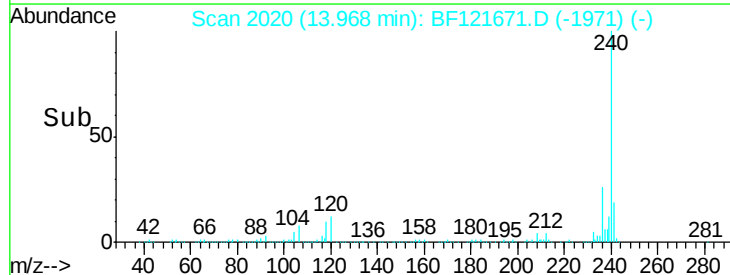
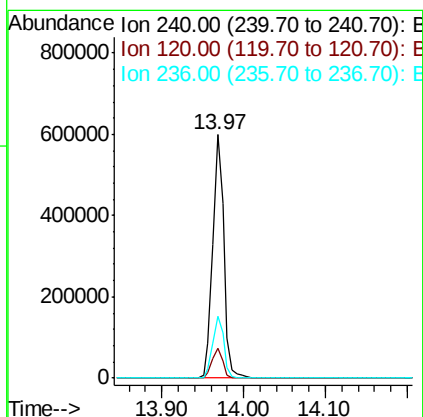
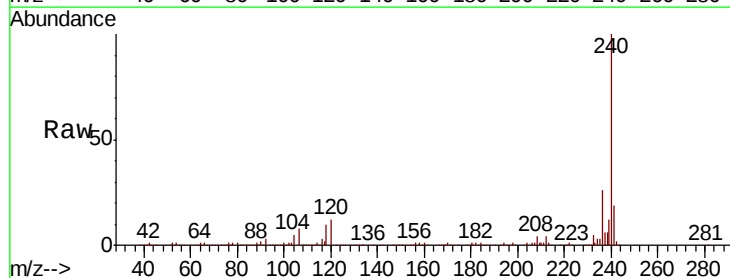
Instrument :
BNA_F
ClientSampleId :
HD-01-092220

Tot Ion:188 Resp: 597383
Ion Ratio Lower Upper
188 100
94 10.0 8.4 12.6
80 10.6 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: BF121671.D
Acq: 23 Sep 2020 17:10

Tgt Ion:240 Resp: 564648
Ion Ratio Lower Upper
240 100
120 12.0 9.2 13.8
236 25.6 20.4 30.6





#79

Terphenyl-d14

Concen: 78.202 ng

RT: 12.93 min Scan# 1843

Delta R.T. 0.01 min

Lab File: BF121671.D

Acq: 23 Sep 2020 17:10

Instrument :

BNA_F

ClientSampleId :

HD-01-092220

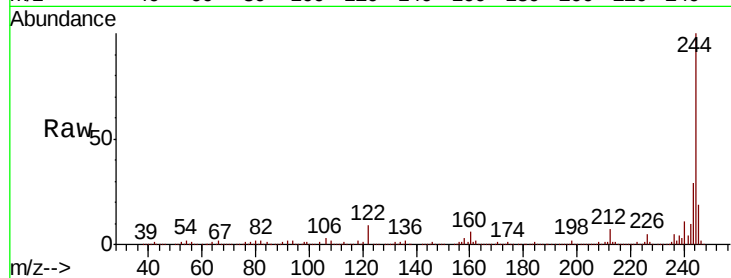
Tot Ion:244 Resp: 2179614

Ion Ratio Lower Upper

244 100

212 7.2 5.5 8.3

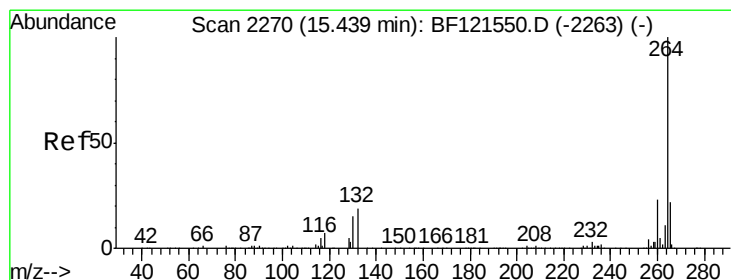
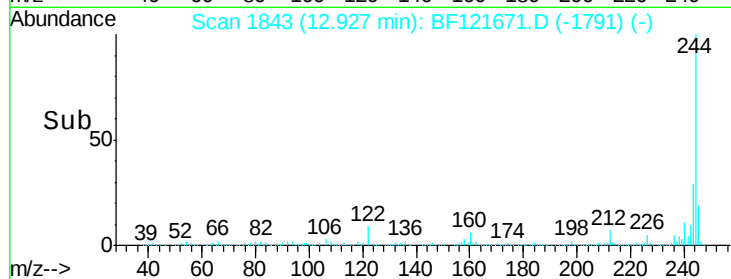
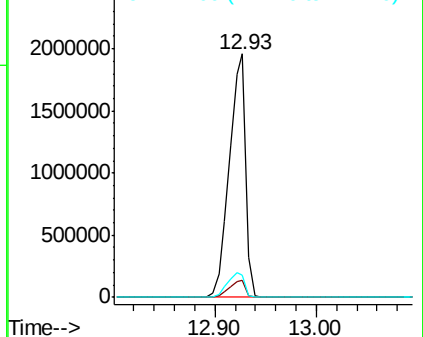
122 9.2 7.4 11.0



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: BF121671.D

Acq: 23 Sep 2020 17:10

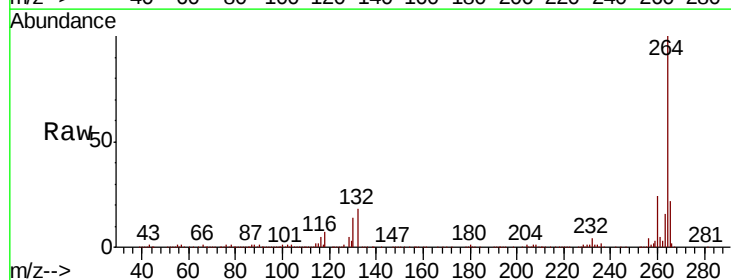
Tgt Ion:264 Resp: 509637

Ion Ratio Lower Upper

264 100

260 24.0 18.8 28.2

265 21.9 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

