

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082422\
 Data File : BF129968.D
 Acq On : 24 Aug 2022 11:44
 Operator : CG\JU
 Sample : PB147081BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB147081BL

Quant Time: Aug 24 14:06:00 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 23 04:41:40 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.769	152	122736	20.000	ng	0.00
21) Naphthalene-d8	8.051	136	501203	20.000	ng	0.00
39) Acenaphthene-d10	9.804	164	276741	20.000	ng	-0.01
64) Phenanthrene-d10	11.292	188	490746	20.000	ng	-0.01
76) Chrysene-d12	13.939	240	387110	20.000	ng	-0.01
86) Perylene-d12	15.386	264	313585	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.416	112	1090672	147.131	ng	0.00
7) Phenol-d6	6.434	99	1358689	146.362	ng	0.00
23) Nitrobenzene-d5	7.339	82	873613	93.308	ng	-0.01
42) 2,4,6-Tribromophenol	10.604	330	414861	149.364	ng	0.00
45) 2-Fluorobiphenyl	9.128	172	1638211	89.908	ng	0.00
79) Terphenyl-d14	12.880	244	1933705	83.117	ng	0.00

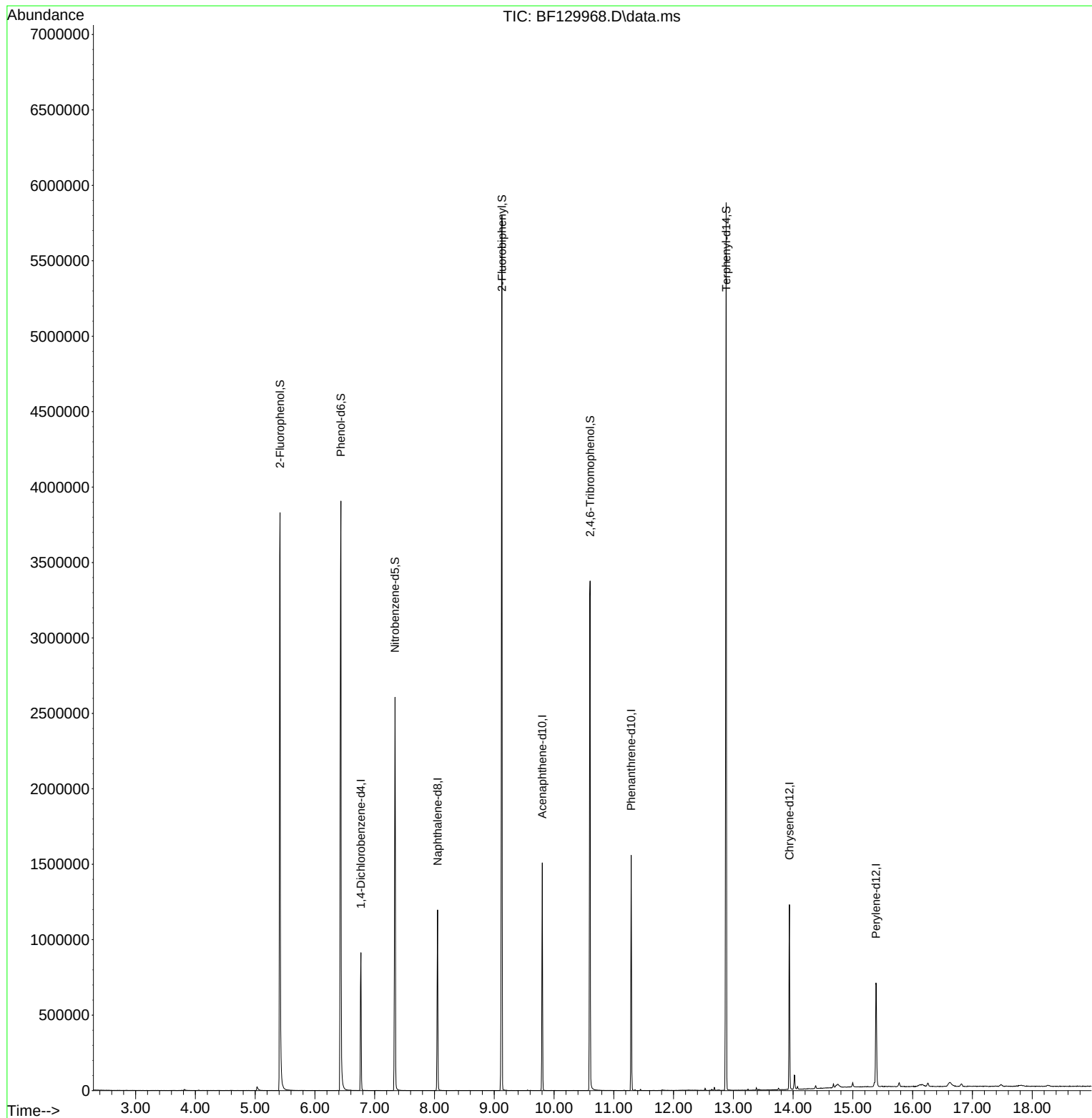
Target Compounds Qvalue

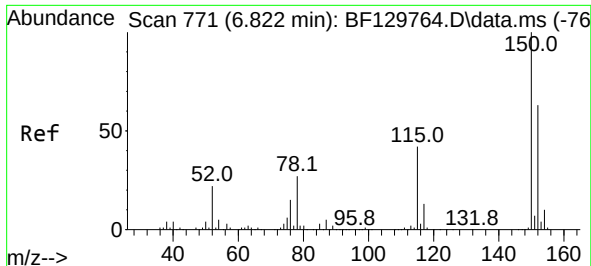
 (#) = qualifier out of range (m) = manual integration (+) = signals summed

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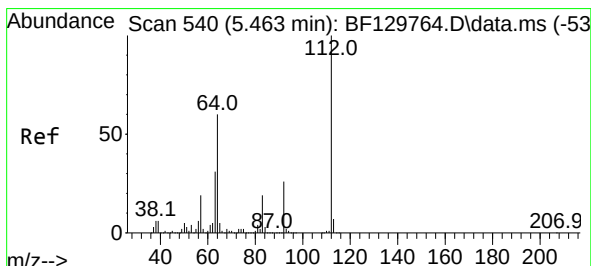
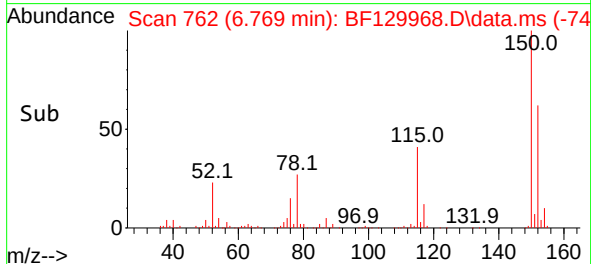
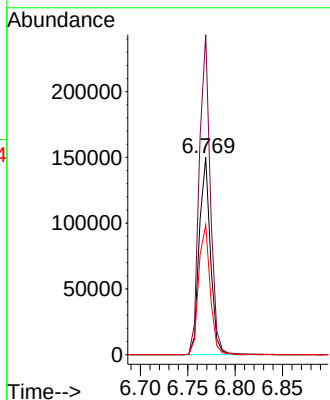
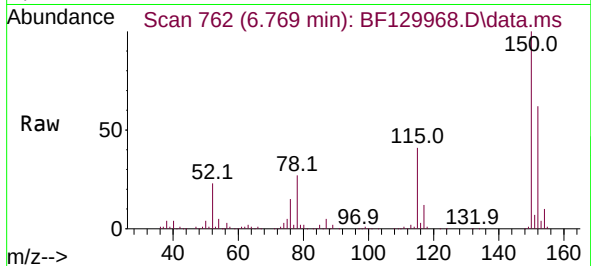




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.769 min Scan# 70
Delta R.T. -0.006 min
Lab File: BF129968.D
Acq: 24 Aug 2022 11:44

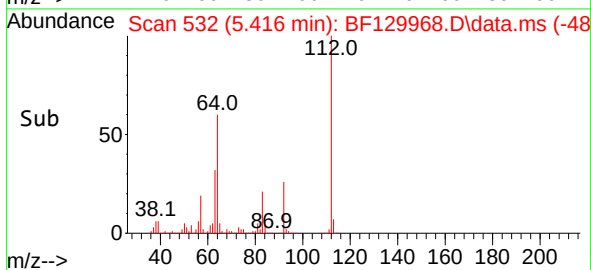
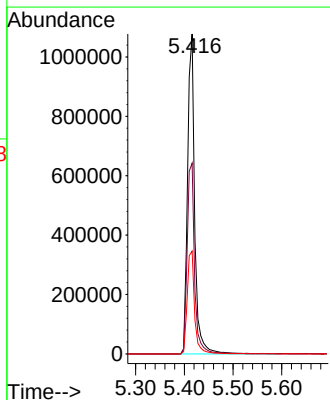
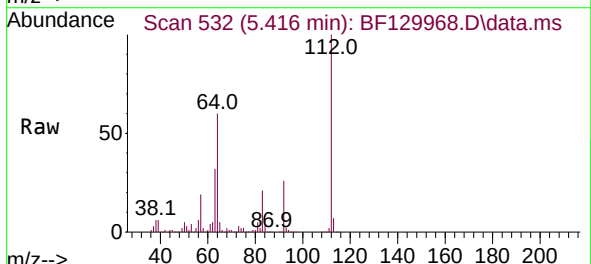
Instrument :
BNA_F
ClientSampleId :
PB147081BL

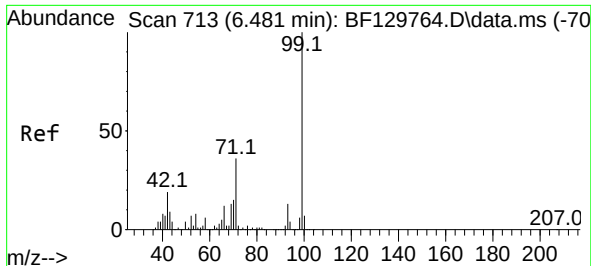
Tgt Ion:152 Resp: 122736
Ion Ratio Lower Upper
152 100
150 162.2 126.9 190.3
115 65.8 53.4 80.0



#5
2-Fluorophenol
Concen: 147.131 ng
RT: 5.416 min Scan# 532
Delta R.T. 0.006 min
Lab File: BF129968.D
Acq: 24 Aug 2022 11:44

Tgt Ion:112 Resp: 1090672
Ion Ratio Lower Upper
112 100
64 59.6 47.6 71.4
63 32.1 24.6 37.0

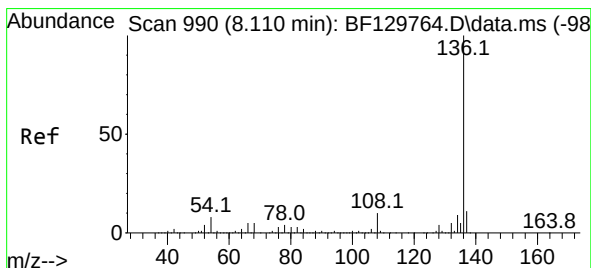
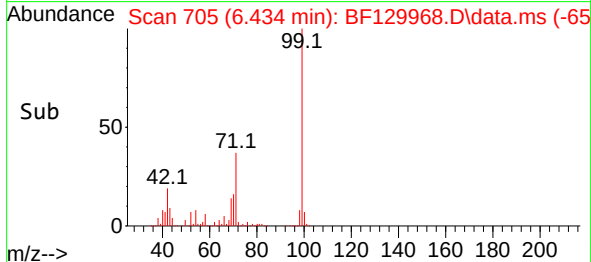
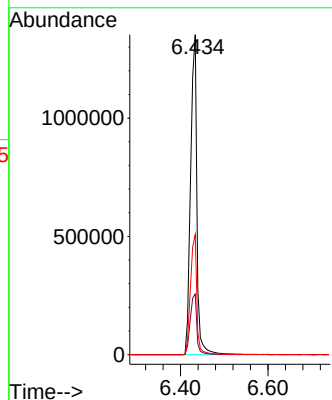
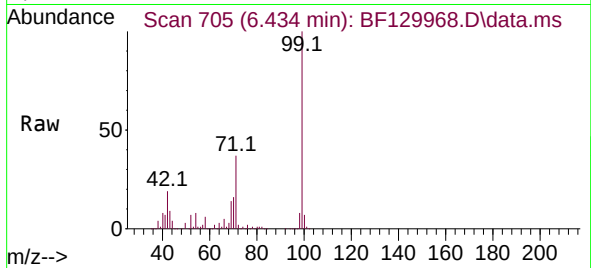




#7
Phenol-d6
Concen: 146.362 ng
RT: 6.434 min Scan# 70
Delta R.T. 0.000 min
Lab File: BF129968.D
Acq: 24 Aug 2022 11:44

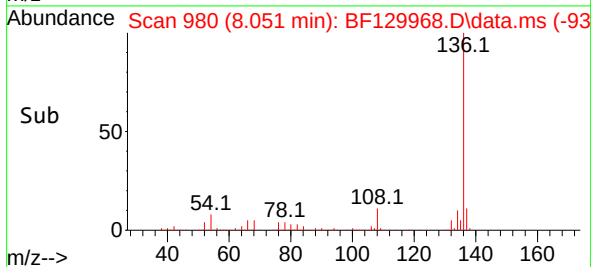
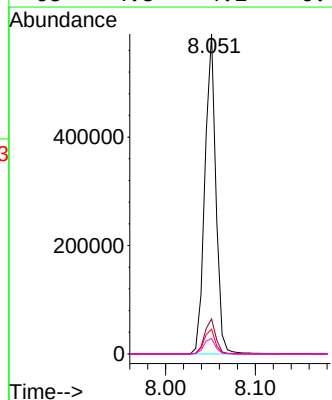
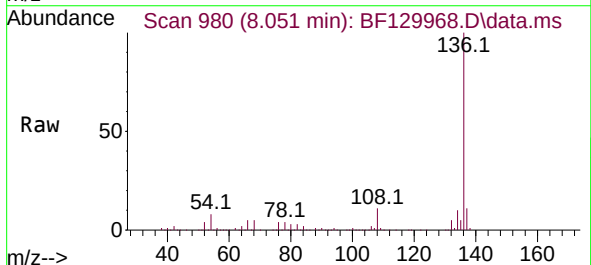
Instrument :
BNA_F
ClientSampleId :
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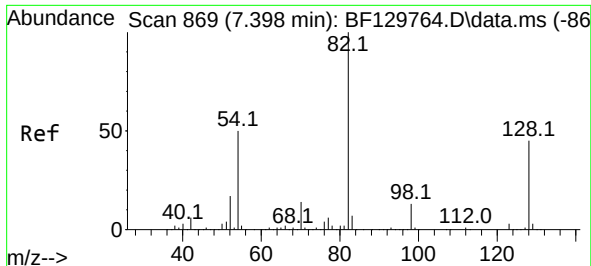
Tgt Ion: 99 Resp: 1358689
Ion Ratio Lower Upper
99 100
42 18.9 15.0 22.4
71 37.5 28.8 43.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.051 min Scan# 980
Delta R.T. -0.006 min
Lab File: BF129968.D
Acq: 24 Aug 2022 11:44

Tgt Ion: 136 Resp: 501203
Ion Ratio Lower Upper
136 100
137 11.0 8.4 12.6
54 7.7 6.2 9.2
68 4.8 4.2 6.4

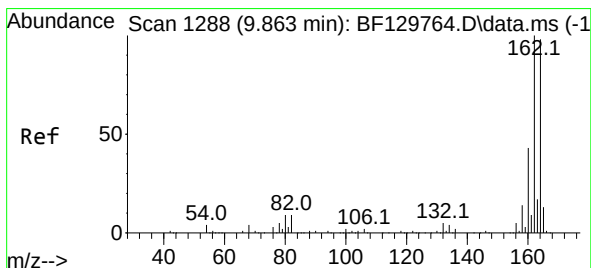
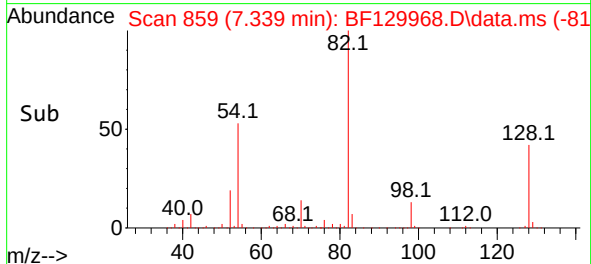
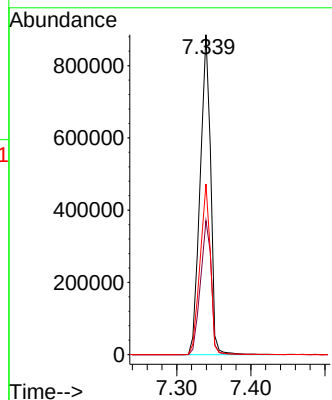
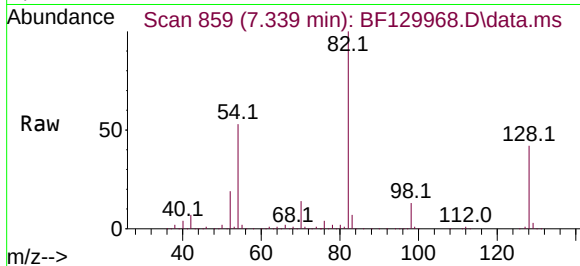




#23
Nitrobenzene-d5
Concen: 93.308 ng
RT: 7.339 min Scan# 81
Delta R.T. -0.012 min
Lab File: BF129968.D
Acq: 24 Aug 2022 11:44

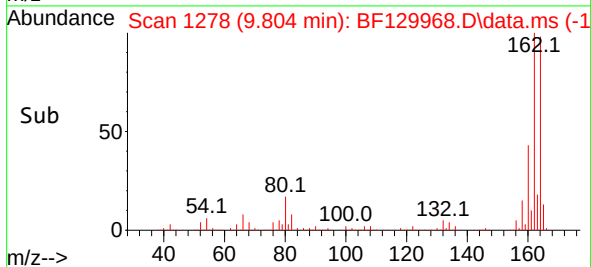
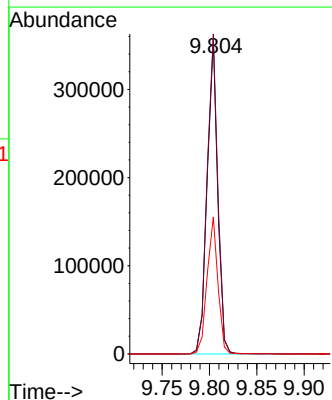
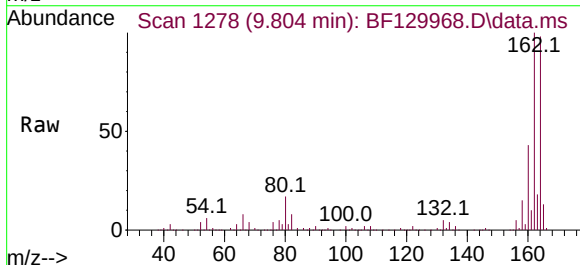
Instrument :
BNA_F
ClientSampleId :
PB147081BL

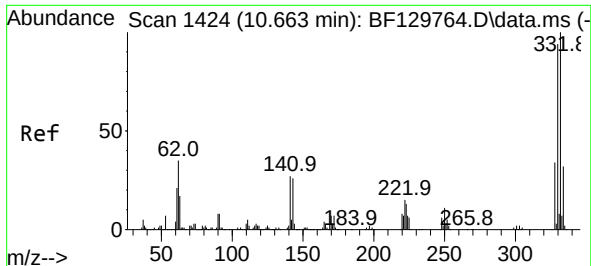
Tgt Ion: 82 Resp: 873613
Ion Ratio Lower Upper
82 100
128 41.9 36.1 54.1
54 53.3 40.0 60.0



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.804 min Scan# 1278
Delta R.T. -0.012 min
Lab File: BF129968.D
Acq: 24 Aug 2022 11:44

Tgt Ion:164 Resp: 276741
Ion Ratio Lower Upper
164 100
162 101.7 82.0 123.0
160 43.5 35.4 53.0





#42

2,4,6-Tribromophenol

Concen: 149.364 ng

RT: 10.604 min Scan# 1424

Delta R.T. -0.006 min

Lab File: BF129968.D

Acq: 24 Aug 2022 11:44

Instrument :

BNA_F

ClientSampleId :

PB147081BL

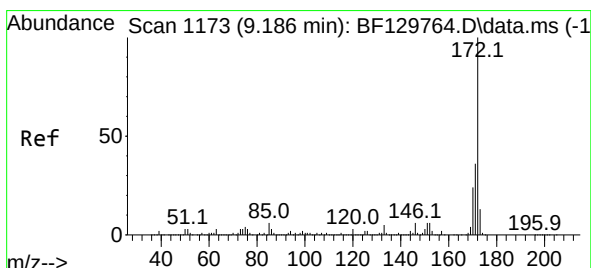
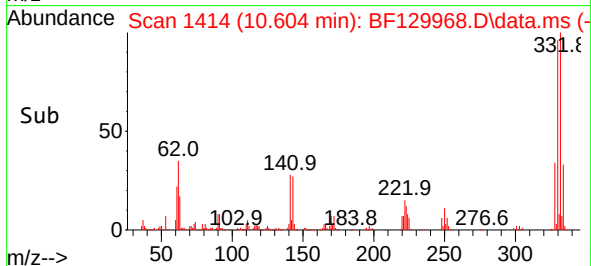
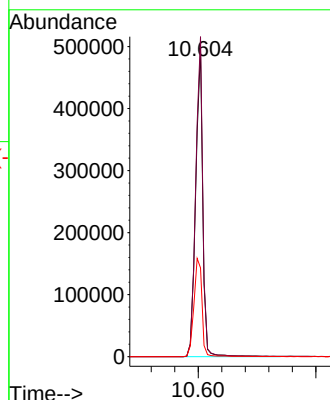
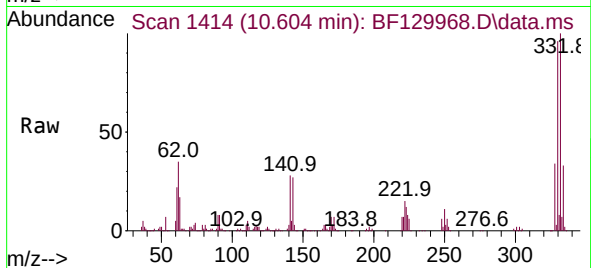
Tgt Ion:330 Resp: 414861

Ion Ratio Lower Upper

330 100

332 104.0 82.6 124.0

141 36.4 27.6 41.4



#45

2-Fluorobiphenyl

Concen: 89.908 ng

RT: 9.128 min Scan# 1163

Delta R.T. -0.006 min

Lab File: BF129968.D

Acq: 24 Aug 2022 11:44

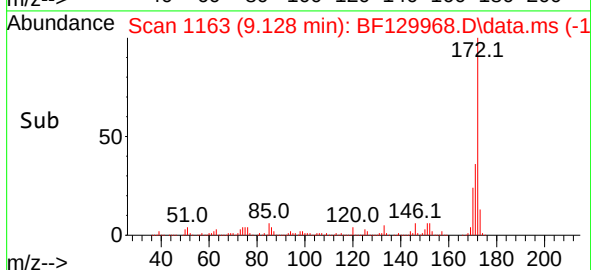
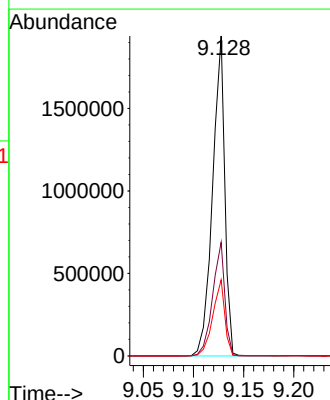
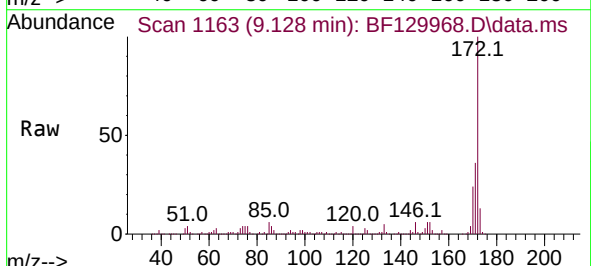
Tgt Ion:172 Resp: 1638211

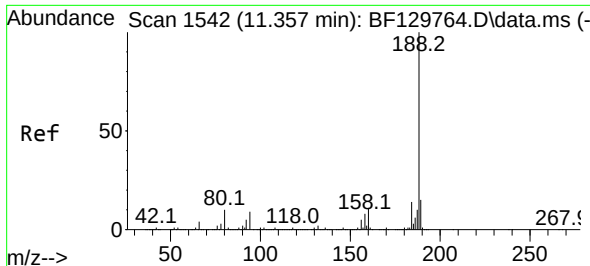
Ion Ratio Lower Upper

172 100

171 35.5 28.4 42.6

170 23.8 19.1 28.7

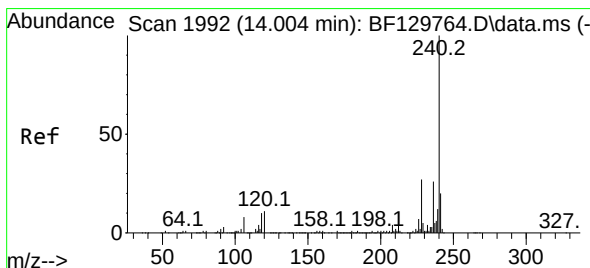
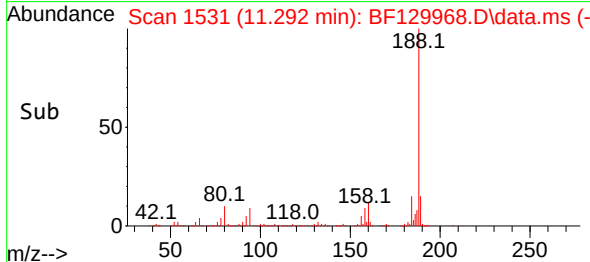
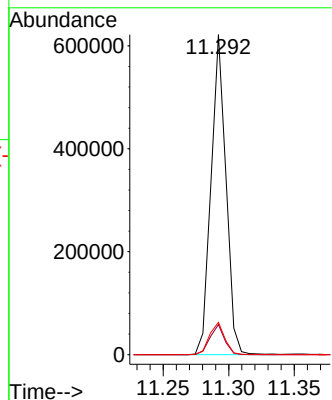
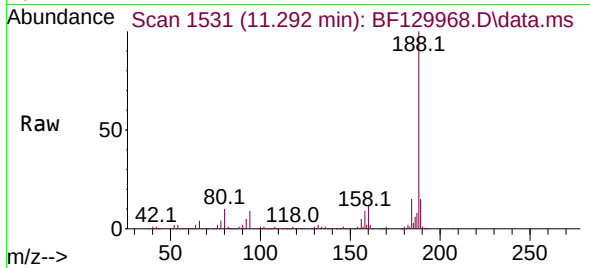




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.292 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF129968.D
Acq: 24 Aug 2022 11:44

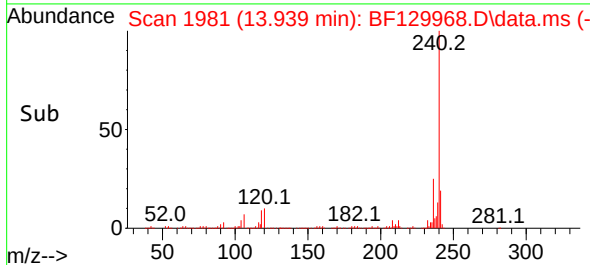
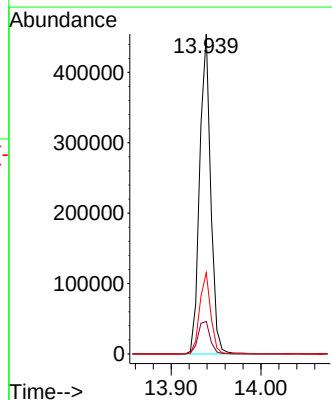
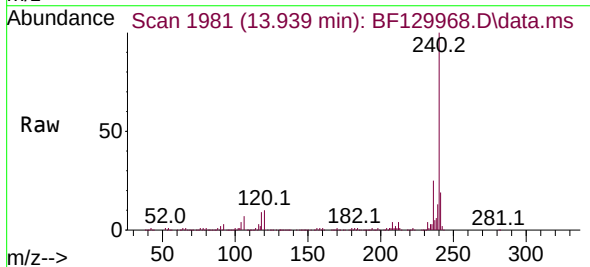
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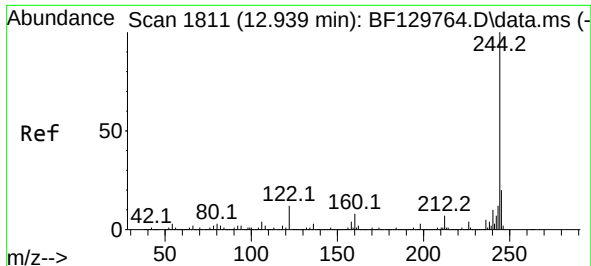
Tgt Ion:188 Resp: 490746
Ion Ratio Lower Upper
188 100
94 9.4 7.4 11.2
80 10.1 7.9 11.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.939 min Scan# 1981
Delta R.T. -0.012 min
Lab File: BF129968.D
Acq: 24 Aug 2022 11:44

Tgt Ion:240 Resp: 387110
Ion Ratio Lower Upper
240 100
120 10.1 9.2 13.8
236 25.4 20.7 31.1





#79

Terphenyl-d14

Concen: 83.117 ng

RT: 12.880 min Scan# 1811

Delta R.T. -0.006 min

Lab File: BF129968.D

Acq: 24 Aug 2022 11:44

Instrument :

BNA_F

ClientSampleId :

PB147081BL

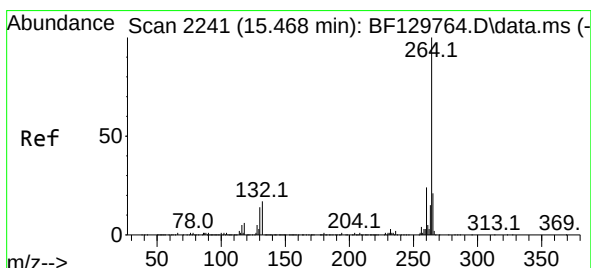
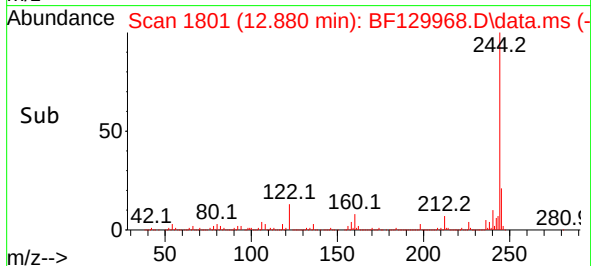
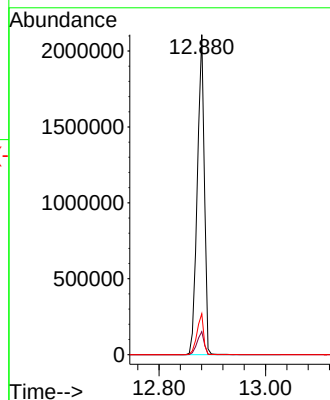
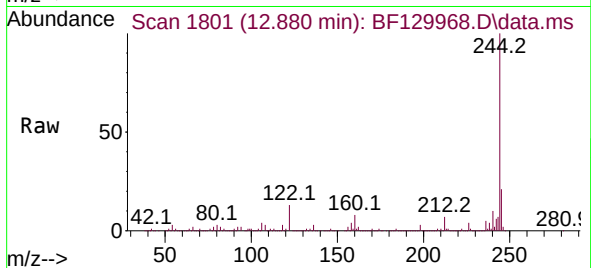
Tgt Ion:244 Resp: 1933705

Ion Ratio Lower Upper

244 100

212 7.2 5.9 8.9

122 12.8 9.9 14.9



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.386 min Scan# 2227

Delta R.T. -0.012 min

Lab File: BF129968.D

Acq: 24 Aug 2022 11:44

Tgt Ion:264 Resp: 313585

Ion Ratio Lower Upper

264 100

260 23.8 19.1 28.7

265 21.4 16.7 25.1

