

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080922\
 Data File : BF129669.D
 Acq On : 09 Aug 2022 16:30
 Operator : CG\JU
 Sample : PB146826TB
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB146826TB

Quant Time: Aug 09 17:41:14 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 05 16:27:34 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.840	152	198743	20.000	ng	-0.01
21) Naphthalene-d8	8.122	136	809044	20.000	ng	-0.01
39) Acenaphthene-d10	9.881	164	444365	20.000	ng	-0.01
64) Phenanthrene-d10	11.369	188	784761	20.000	ng	-0.01
76) Chrysene-d12	14.016	240	575045	20.000	ng	-0.01
86) Perylene-d12	15.492	264	448475	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	1519013	124.506	ng	0.00
7) Phenol-d6	6.498	99	1918198	125.086	ng	0.00
23) Nitrobenzene-d5	7.410	82	1270075	85.696	ng	-0.01
42) 2,4,6-Tribromophenol	10.680	330	584244	136.754	ng	0.00
45) 2-Fluorobiphenyl	9.198	172	2356354	82.031	ng	-0.01
79) Terphenyl-d14	12.963	244	2766452	90.760	ng	0.00

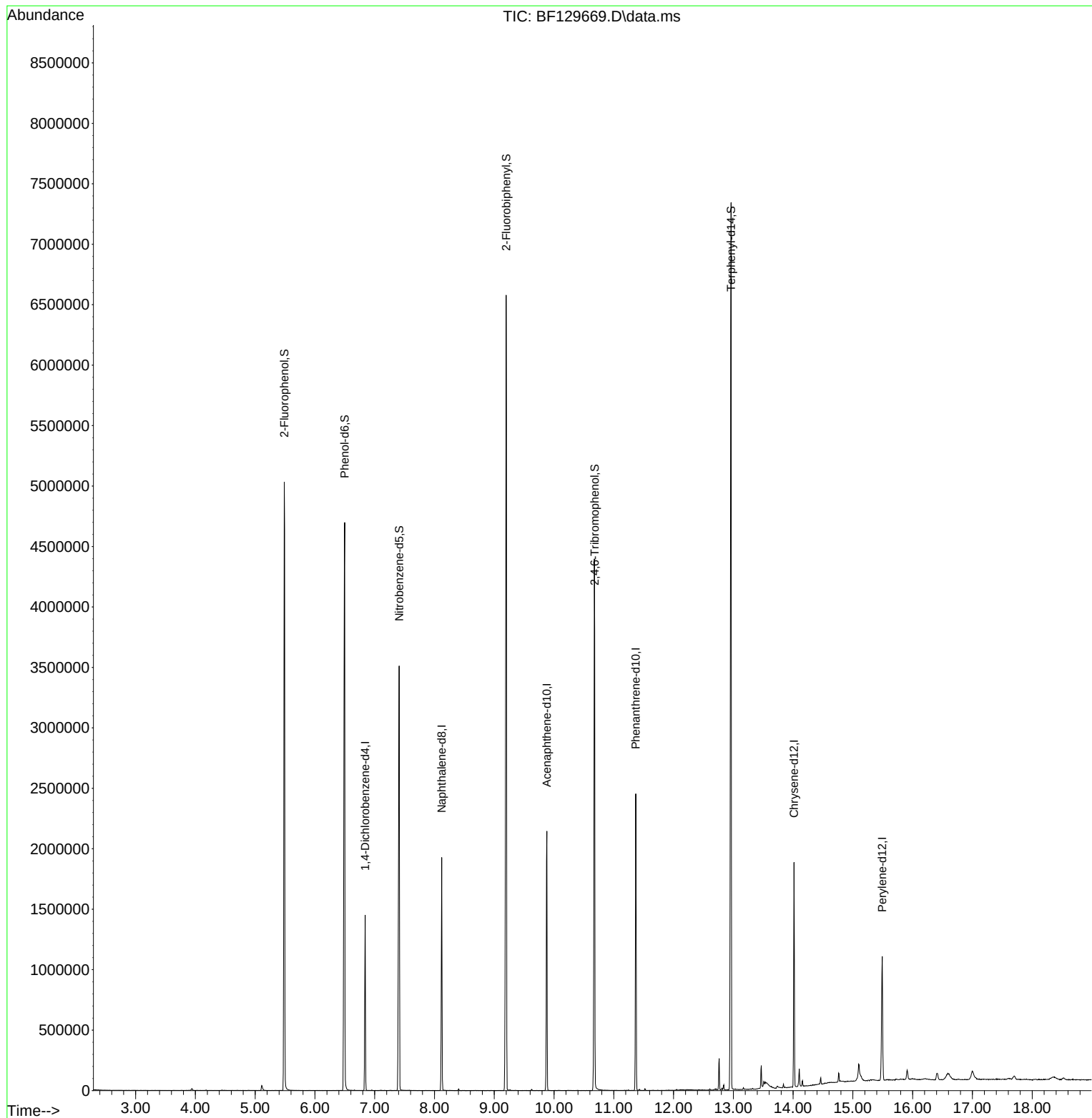
Target Compounds Qvalue

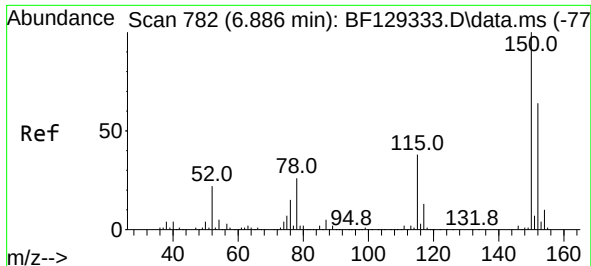
 (#) = qualifier out of range (m) = manual integration (+) = signals summed

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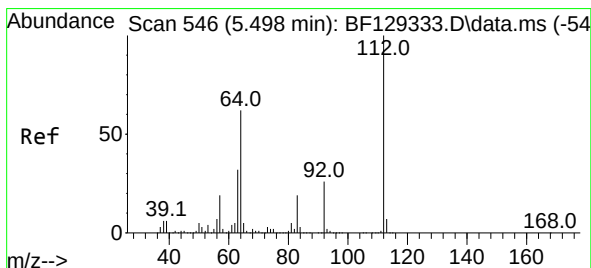
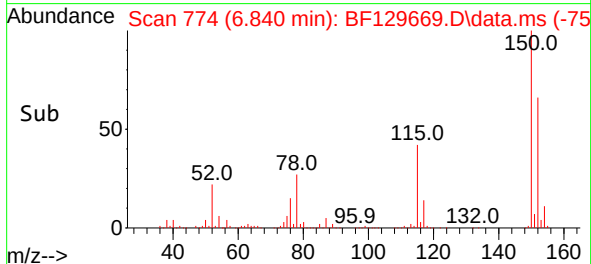
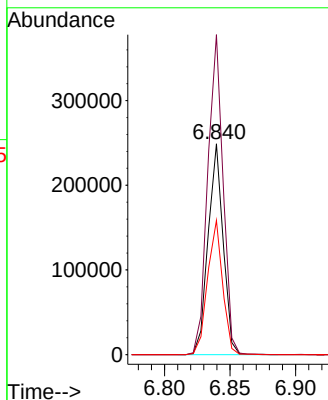
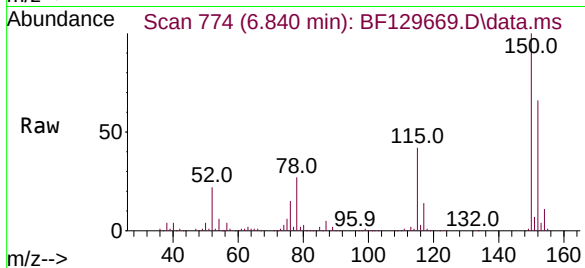




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.840 min Scan# 71
 Delta R.T. -0.011 min
 Lab File: BF129669.D
 Acq: 09 Aug 2022 16:30

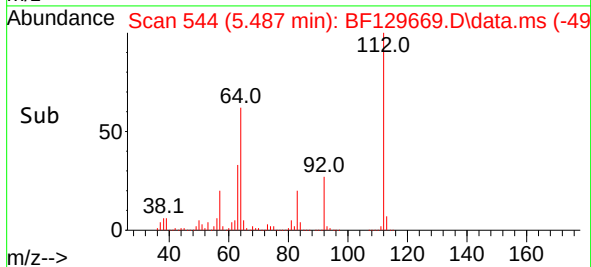
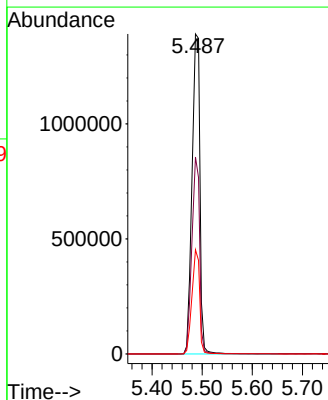
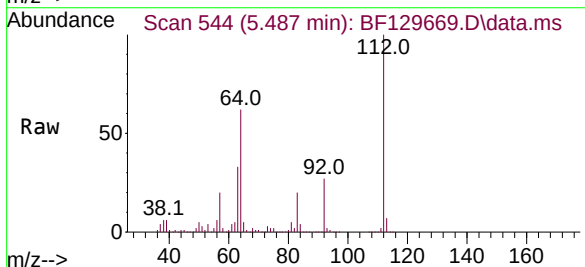
Instrument :
 BNA_F
 ClientSampleId :
 PB146826TB

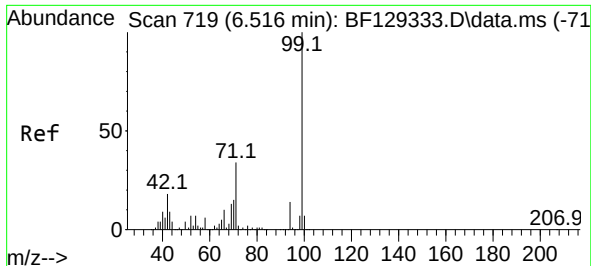
Tgt Ion:152 Resp: 198743
 Ion Ratio Lower Upper
 152 100
 150 151.7 123.7 185.5
 115 63.6 49.9 74.9



#5
 2-Fluorophenol
 Concen: 124.506 ng
 RT: 5.487 min Scan# 544
 Delta R.T. 0.006 min
 Lab File: BF129669.D
 Acq: 09 Aug 2022 16:30

Tgt Ion:112 Resp: 1519013
 Ion Ratio Lower Upper
 112 100
 64 61.5 53.3 79.9
 63 32.5 28.0 42.0

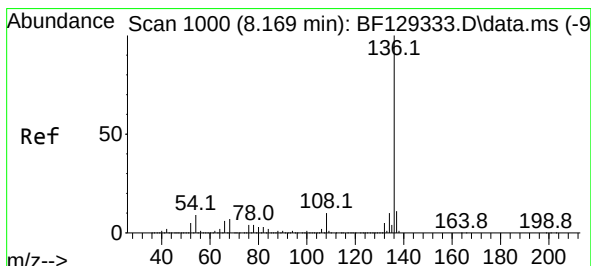
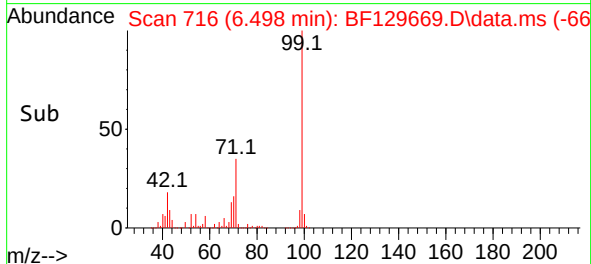
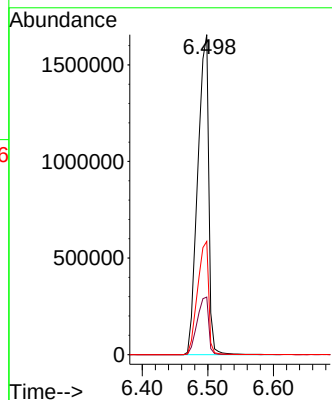
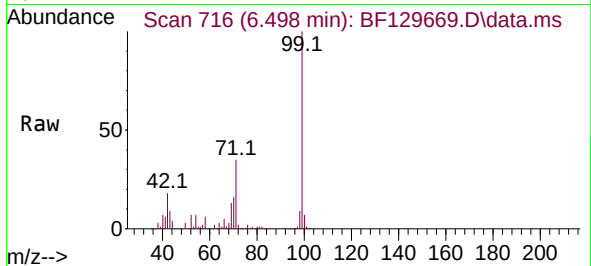




#7
Phenol-d6
Concen: 125.086 ng
RT: 6.498 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF129669.D
Acq: 09 Aug 2022 16:30

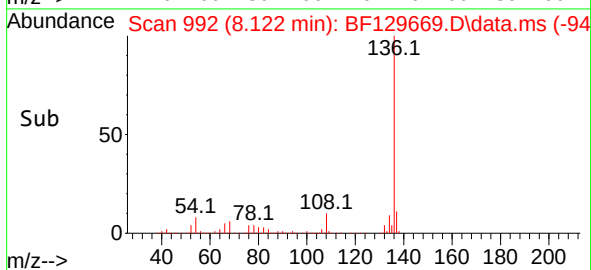
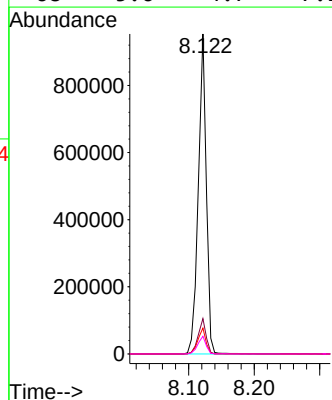
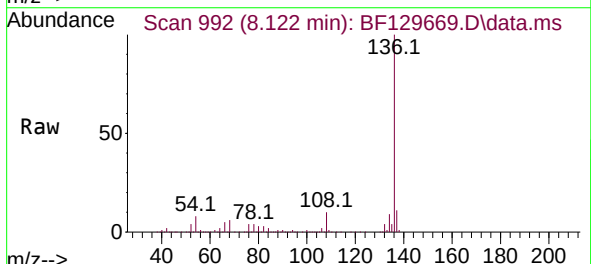
Instrument :
BNA_F
ClientSampleId :
PB146826TB

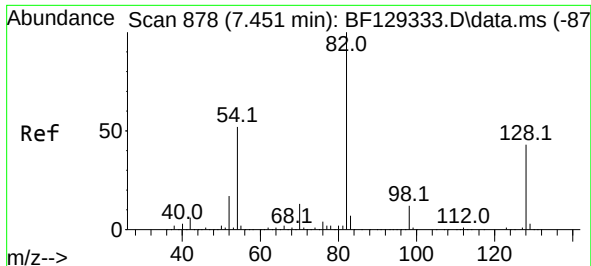
Tgt Ion: 99 Resp: 1918198
Ion Ratio Lower Upper
99 100
42 18.0 17.3 25.9
71 35.4 28.9 43.3



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.122 min Scan# 992
Delta R.T. -0.012 min
Lab File: BF129669.D
Acq: 09 Aug 2022 16:30

Tgt Ion: 136 Resp: 809044
Ion Ratio Lower Upper
136 100
137 11.0 8.8 13.2
54 8.1 7.5 11.3
68 5.6 4.7 7.1





#23

Nitrobenzene-d5

Concen: 85.696 ng

RT: 7.410 min Scan# 81

Delta R.T. -0.012 min

Lab File: BF129669.D

Acq: 09 Aug 2022 16:30

Instrument :

BNA_F

ClientSampleId :

PB146826TB

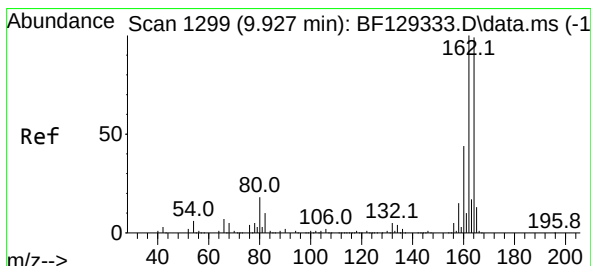
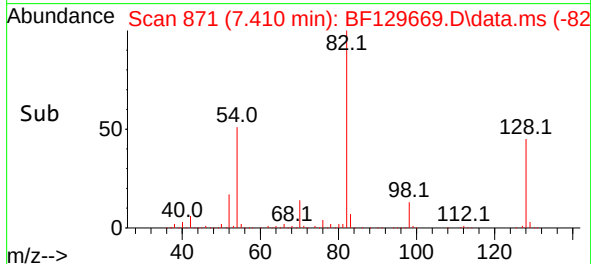
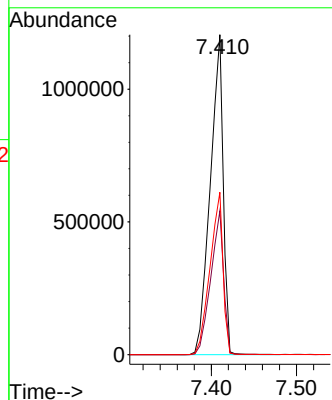
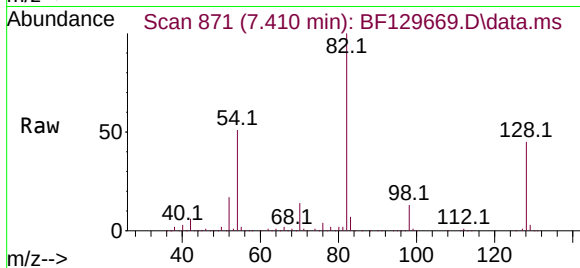
Tgt Ion: 82 Resp: 1270075

Ion Ratio Lower Upper

82 100

128 44.9 34.0 51.0

54 50.7 46.9 70.3



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.881 min Scan# 1291

Delta R.T. -0.012 min

Lab File: BF129669.D

Acq: 09 Aug 2022 16:30

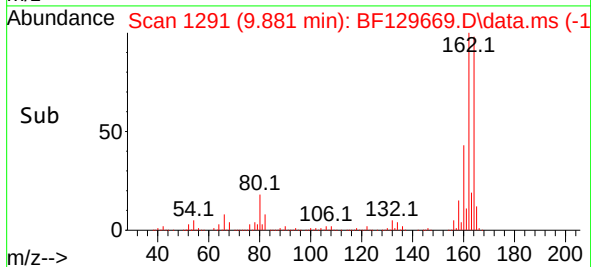
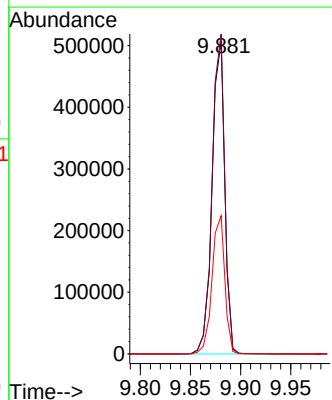
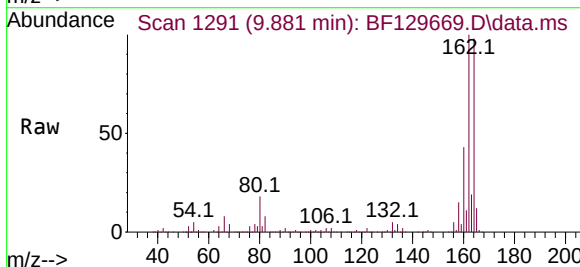
Tgt Ion: 164 Resp: 444365

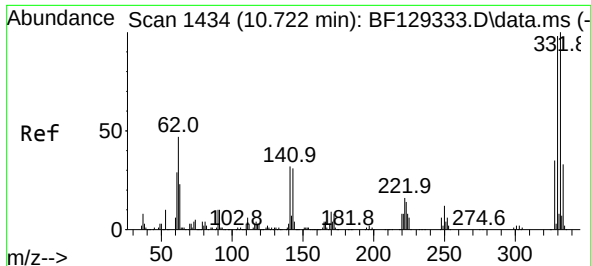
Ion Ratio Lower Upper

164 100

162 102.4 79.5 119.3

160 44.2 34.2 51.4





#42

2,4,6-Tribromophenol

Concen: 136.754 ng

RT: 10.680 min Scan# 1434

Delta R.T. -0.006 min

Lab File: BF129669.D

Acq: 09 Aug 2022 16:30

Instrument :

BNA_F

ClientSampleId :

PB146826TB

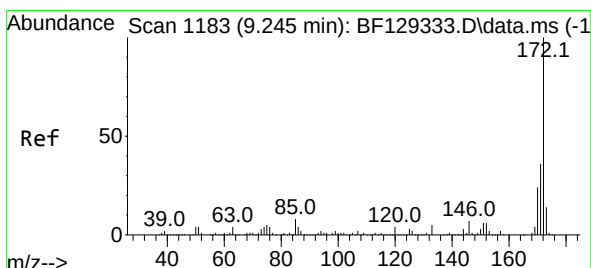
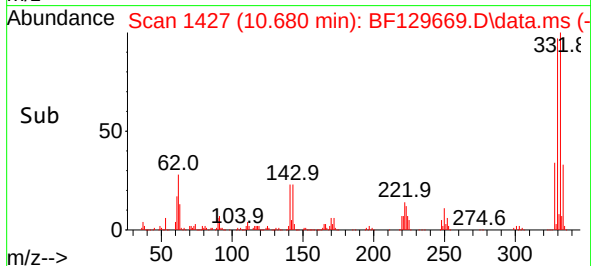
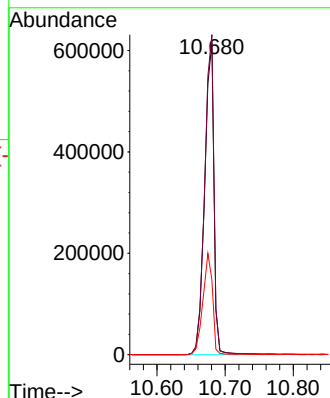
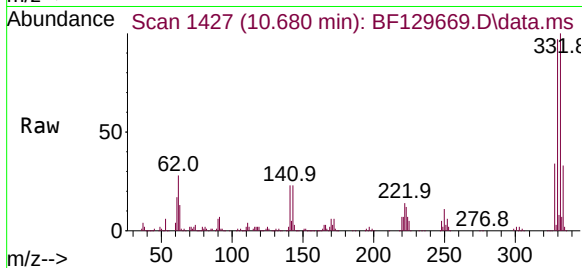
Tgt Ion:330 Resp: 584244

Ion Ratio Lower Upper

330 100

332 102.1 76.8 115.2

141 33.5 28.0 42.0



#45

2-Fluorobiphenyl

Concen: 82.031 ng

RT: 9.198 min Scan# 1175

Delta R.T. -0.012 min

Lab File: BF129669.D

Acq: 09 Aug 2022 16:30

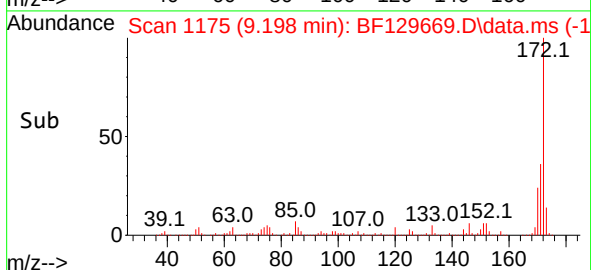
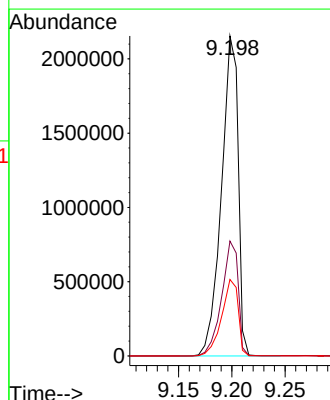
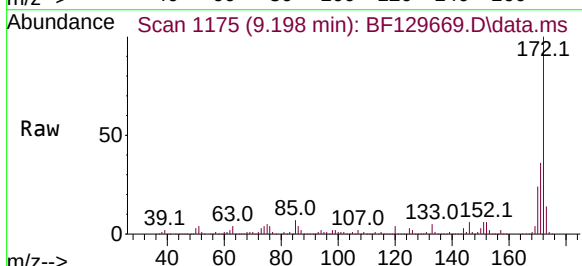
Tgt Ion:172 Resp: 2356354

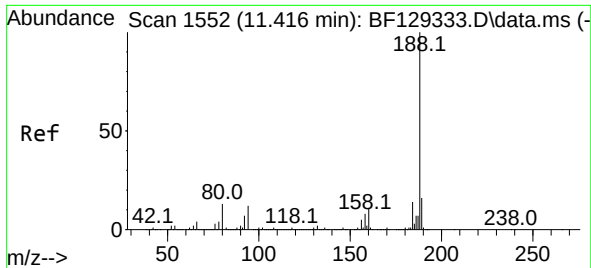
Ion Ratio Lower Upper

172 100

171 35.9 28.8 43.2

170 23.9 19.8 29.8

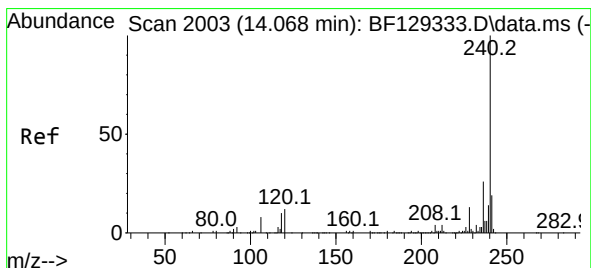
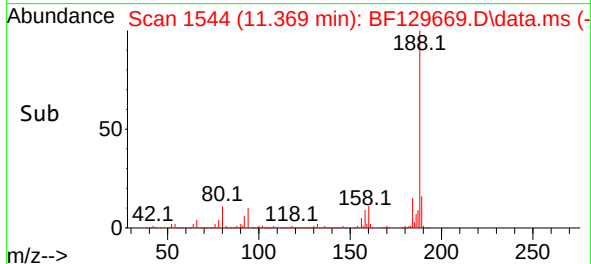
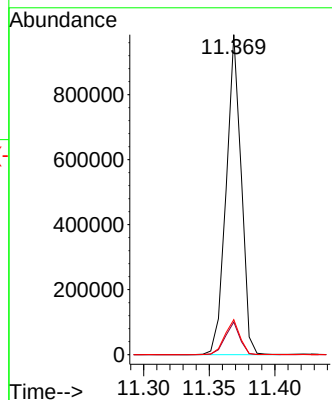
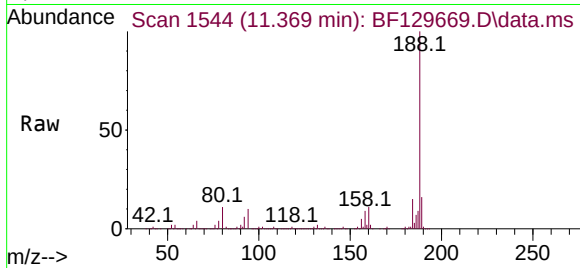




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.369 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF129669.D
Acq: 09 Aug 2022 16:30

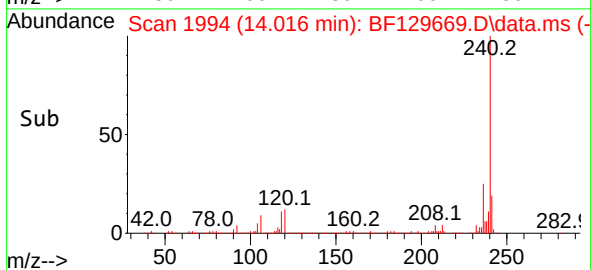
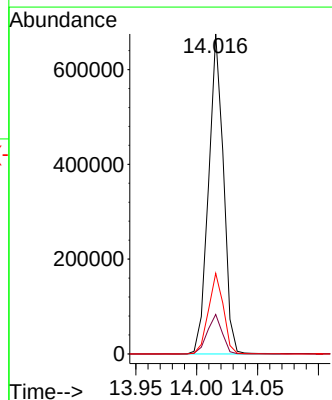
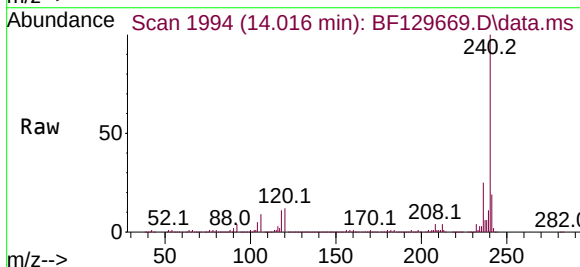
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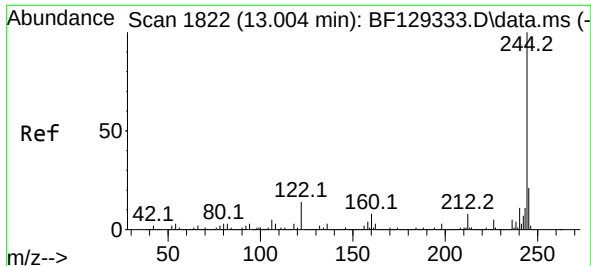
Tgt Ion:188 Resp: 784761
Ion Ratio Lower Upper
188 100
94 10.2 7.0 10.6
80 10.9 7.6 11.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.016 min Scan# 1994
Delta R.T. -0.012 min
Lab File: BF129669.D
Acq: 09 Aug 2022 16:30

Tgt Ion:240 Resp: 575045
Ion Ratio Lower Upper
240 100
120 12.3 8.9 13.3
236 25.2 20.8 31.2

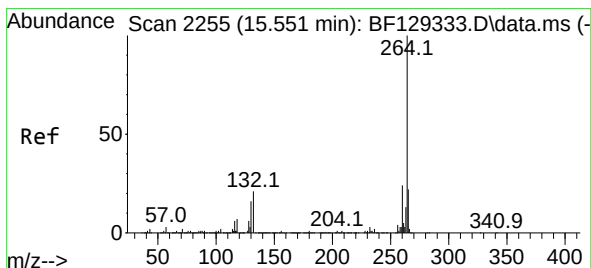
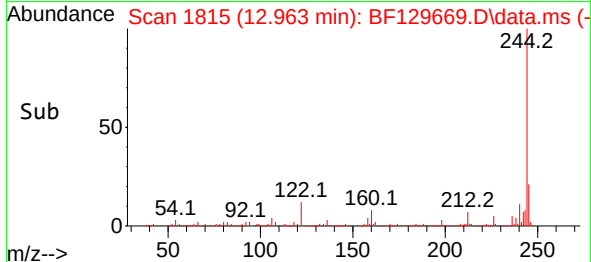
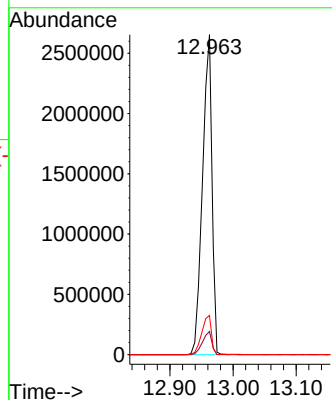
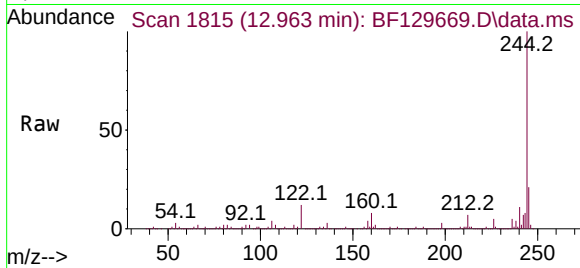




#79
 Terphenyl-d14
 Concen: 90.760 ng
 RT: 12.963 min Scan# 1822
 Delta R.T. -0.006 min
 Lab File: BF129669.D
 Acq: 09 Aug 2022 16:30

Instrument :
 BNA_F
 ClientSampleId :
 PB146826TB

Tgt Ion:244 Resp: 2766452
 Ion Ratio Lower Upper
 244 100
 212 7.2 6.1 9.1
 122 12.2 8.8 13.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.492 min Scan# 2245
 Delta R.T. -0.012 min
 Lab File: BF129669.D
 Acq: 09 Aug 2022 16:30

Tgt Ion:264 Resp: 448475
 Ion Ratio Lower Upper
 264 100
 260 23.3 18.4 27.6
 265 21.9 17.2 25.8

