

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080222\
 Data File : BF129512.D
 Acq On : 02 Aug 2022 17:45
 Operator : CG\JU
 Sample : N3976-06
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP3-0729

Quant Time: Aug 03 01:47:10 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 02 01:11:25 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	153956	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	606310	20.000	ng	0.00
39) Acenaphthene-d10	9.910	164	332401	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	573613	20.000	ng	0.00
76) Chrysene-d12	14.045	240	369575	20.000	ng	0.00
86) Perylene-d12	15.533	264	282314	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	1220021	129.090	ng	0.02
7) Phenol-d6	6.528	99	1426134	120.052	ng	0.00
23) Nitrobenzene-d5	7.440	82	1071181	96.443	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	490721	153.552	ng	0.00
45) 2-Fluorobiphenyl	9.234	172	1892847	88.091	ng	0.00
79) Terphenyl-d14	12.992	244	2155610	110.038	ng	0.00

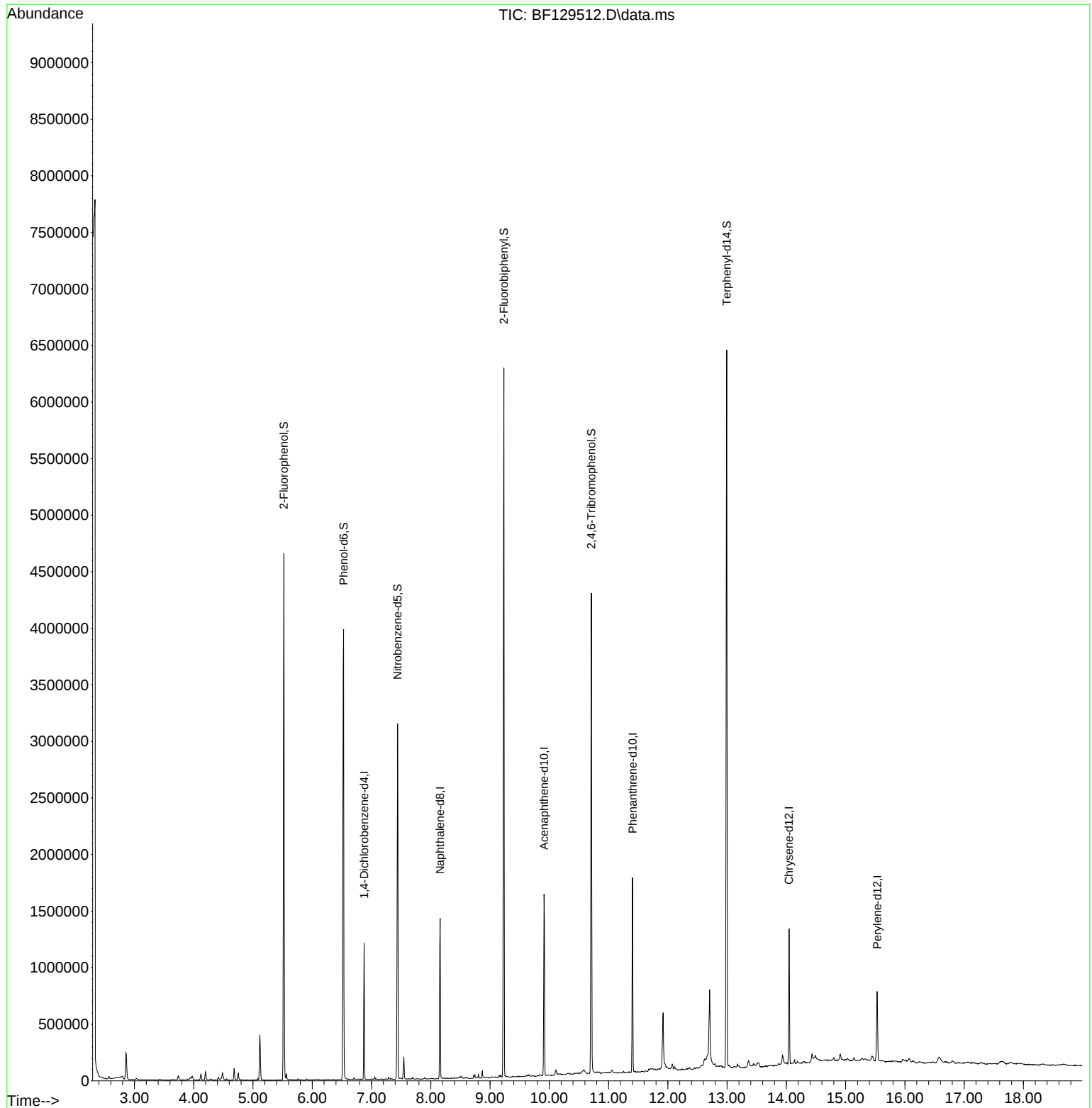
Target Compounds	Qvalue

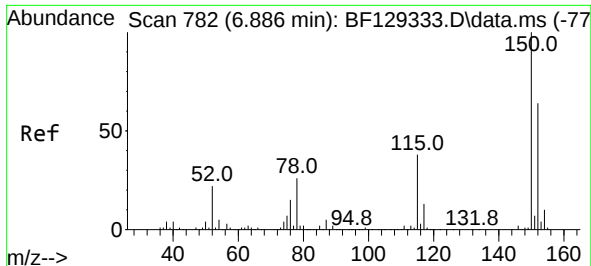
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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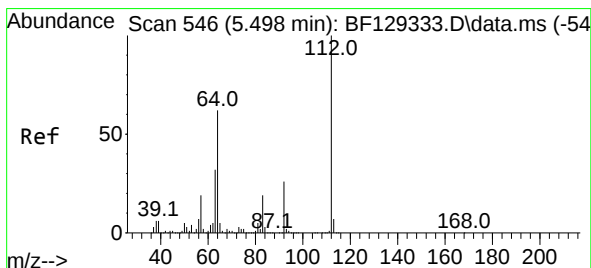
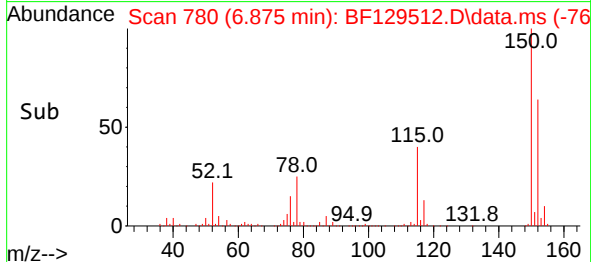
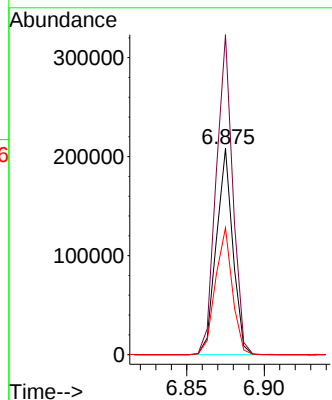
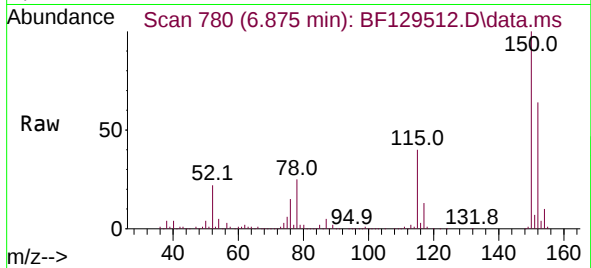




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 782
Delta R.T. -0.000 min
Lab File: BF129512.D
Acq: 02 Aug 2022 17:45

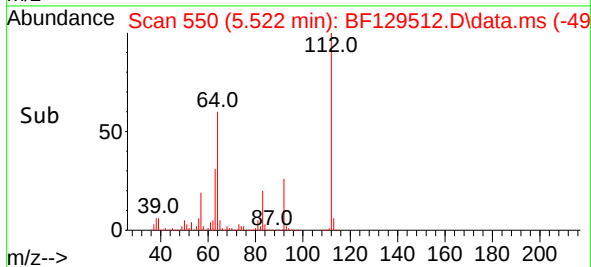
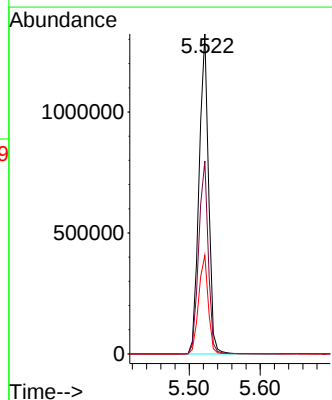
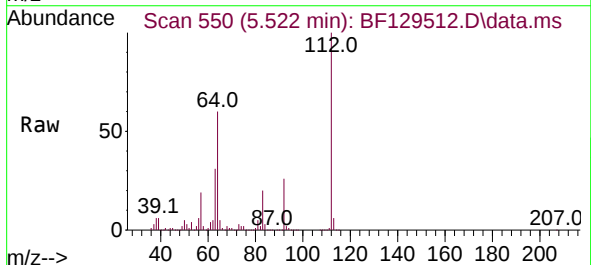
Instrument :
BNA_F
ClientSampleId :
TP3-0729

Tgt Ion:152 Resp: 153956
Ion Ratio Lower Upper
152 100
150 155.3 123.7 185.5
115 61.6 49.9 74.9



#5
2-Fluorophenol
Concen: 129.090 ng
RT: 5.522 min Scan# 550
Delta R.T. 0.018 min
Lab File: BF129512.D
Acq: 02 Aug 2022 17:45

Tgt Ion:112 Resp: 1220021
Ion Ratio Lower Upper
112 100
64 60.3 53.3 79.9
63 30.8 28.0 42.0

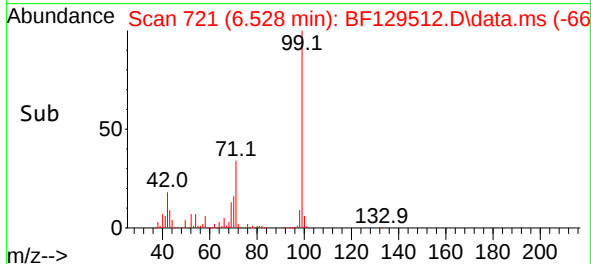
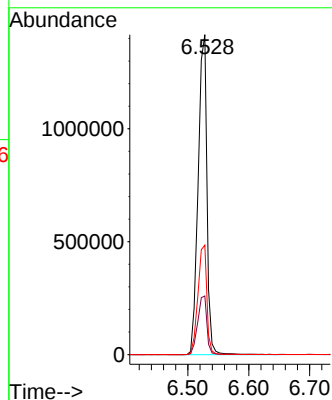
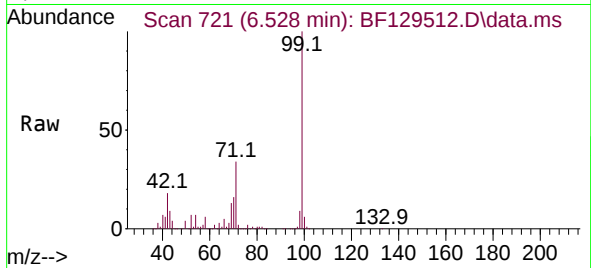




#7
Phenol-d6
Concen: 120.052 ng
RT: 6.528 min Scan# 71
Delta R.T. 0.006 min
Lab File: BF129512.D
Acq: 02 Aug 2022 17:45

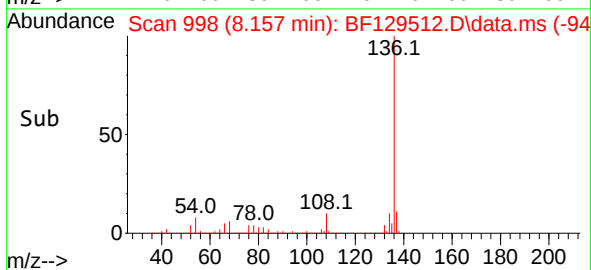
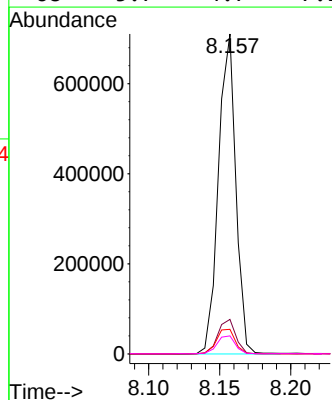
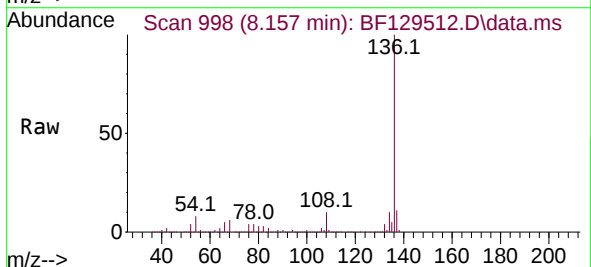
Instrument :
BNA_F
ClientSampleId :
TP3-0729

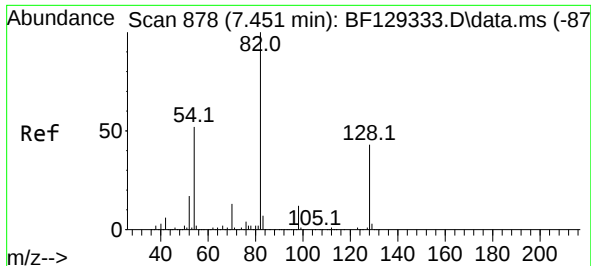
Tgt Ion: 99 Resp: 1426134
Ion Ratio Lower Upper
99 100
42 18.4 17.3 25.9
71 34.2 28.9 43.3



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 998
Delta R.T. -0.006 min
Lab File: BF129512.D
Acq: 02 Aug 2022 17:45

Tgt Ion: 136 Resp: 606310
Ion Ratio Lower Upper
136 100
137 10.8 8.8 13.2
54 7.7 7.5 11.3
68 5.7 4.7 7.1





#23

Nitrobenzene-d5

Concen: 96.443 ng

RT: 7.440 min Scan# 81

Delta R.T. -0.006 min

Lab File: BF129512.D

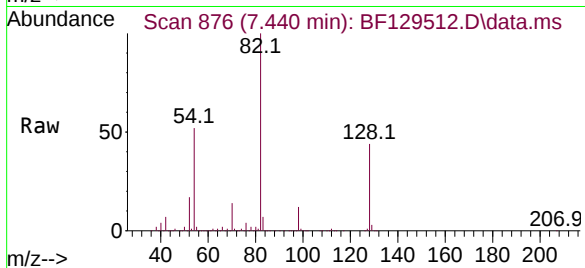
Acq: 02 Aug 2022 17:45

Instrument :

BNA_F

ClientSampleId :

TP3-0729



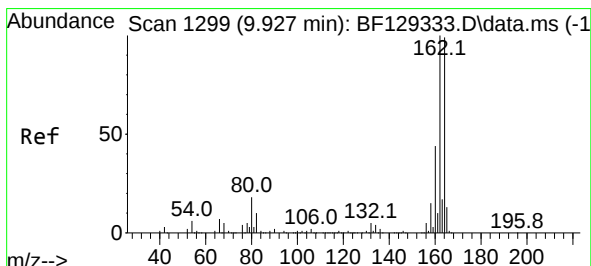
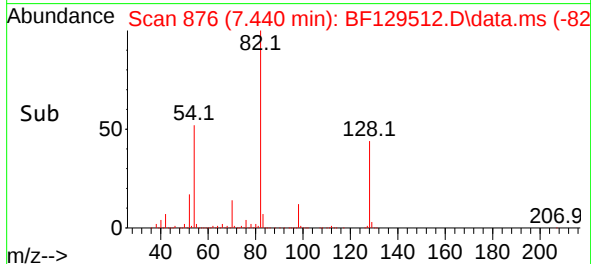
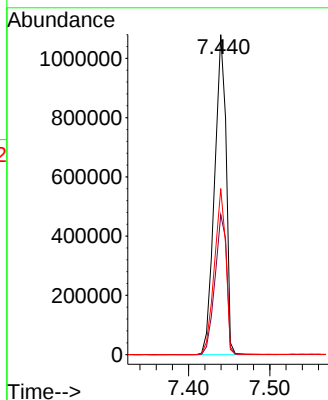
Tgt Ion: 82 Resp: 1071181

Ion Ratio Lower Upper

82 100

128 43.7 34.0 51.0

54 51.9 46.9 70.3



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.910 min Scan# 1296

Delta R.T. -0.006 min

Lab File: BF129512.D

Acq: 02 Aug 2022 17:45

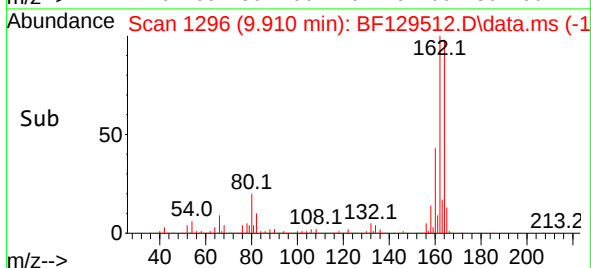
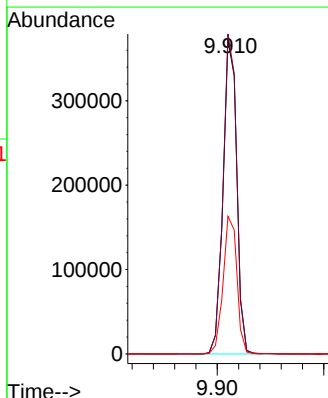
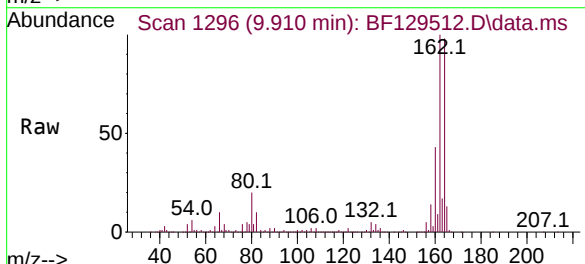
Tgt Ion: 164 Resp: 332401

Ion Ratio Lower Upper

164 100

162 101.9 79.5 119.3

160 43.8 34.2 51.4





#42

2,4,6-Tribromophenol

Concen: 153.552 ng

RT: 10.710 min Scan# 1432

Delta R.T. 0.000 min

Lab File: BF129512.D

Acq: 02 Aug 2022 17:45

Instrument :

BNA_F

ClientSampleId :

TP3-0729

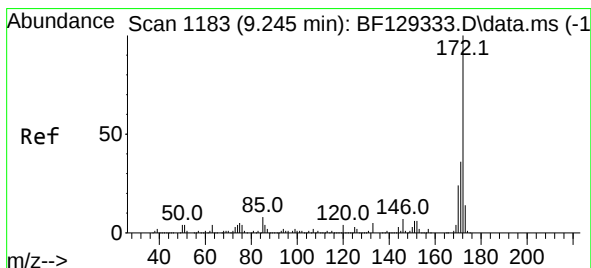
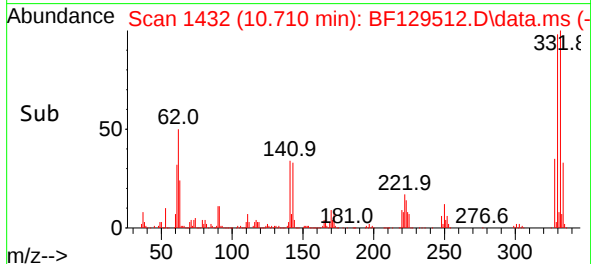
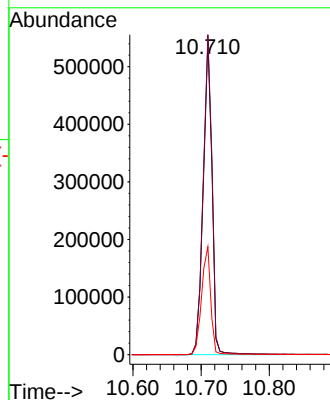
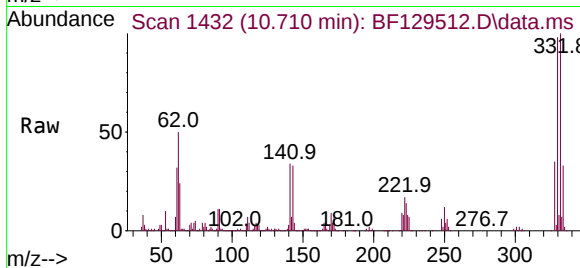
Tgt Ion:330 Resp: 490721

Ion Ratio Lower Upper

330 100

332 103.2 76.8 115.2

141 35.8 28.0 42.0



#45

2-Fluorobiphenyl

Concen: 88.091 ng

RT: 9.234 min Scan# 1181

Delta R.T. 0.000 min

Lab File: BF129512.D

Acq: 02 Aug 2022 17:45

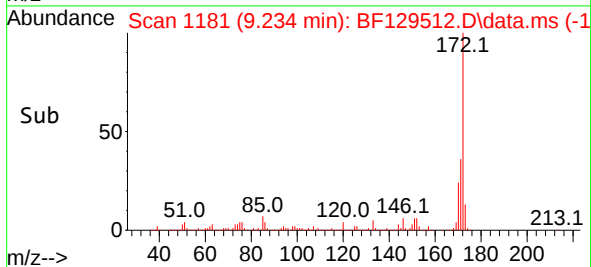
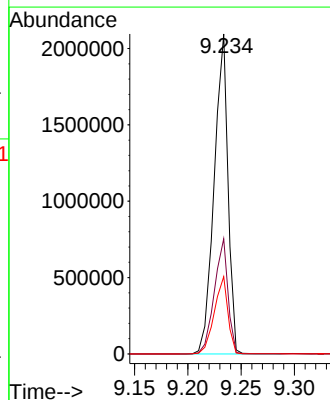
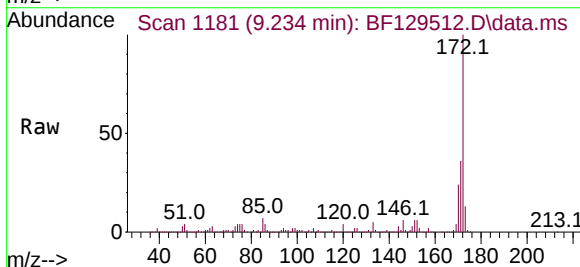
Tgt Ion:172 Resp: 1892847

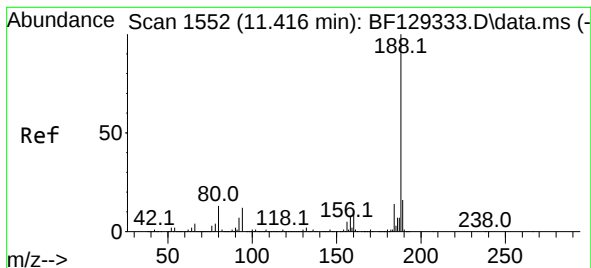
Ion Ratio Lower Upper

172 100

171 36.0 28.8 43.2

170 24.2 19.8 29.8





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.404 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF129512.D

Acq: 02 Aug 2022 17:45

Instrument :

BNA_F

ClientSampleId :

TP3-0729

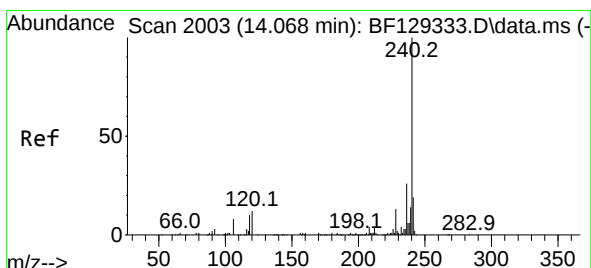
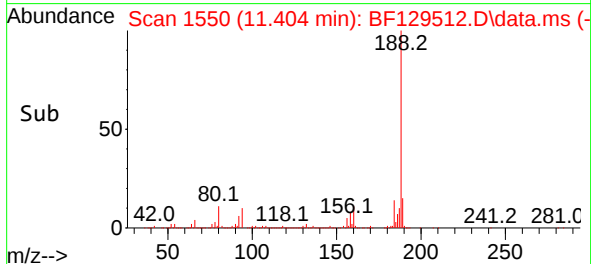
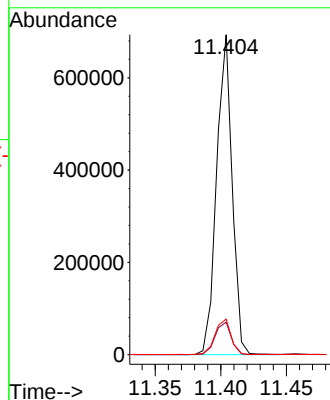
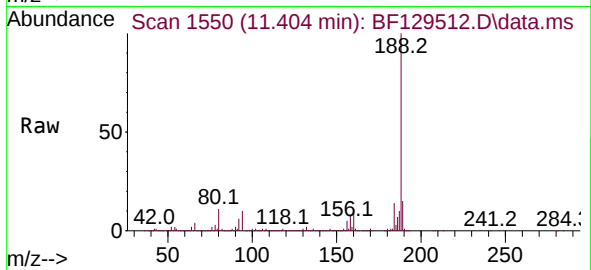
Tgt Ion:188 Resp: 573613

Ion Ratio Lower Upper

188 100

94 10.1 7.0 10.6

80 11.1 7.6 11.4



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.045 min Scan# 1999

Delta R.T. -0.006 min

Lab File: BF129512.D

Acq: 02 Aug 2022 17:45

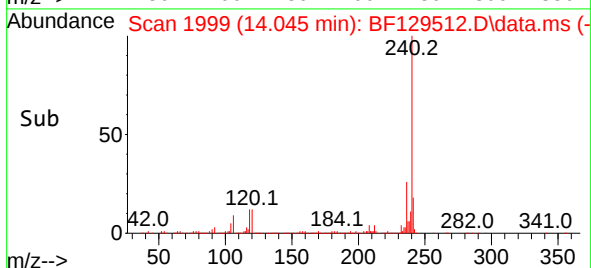
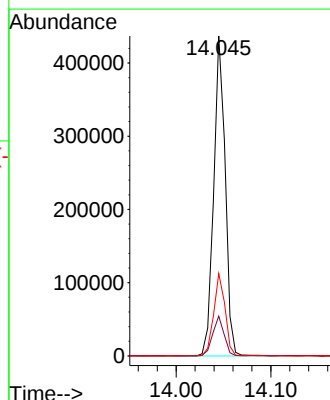
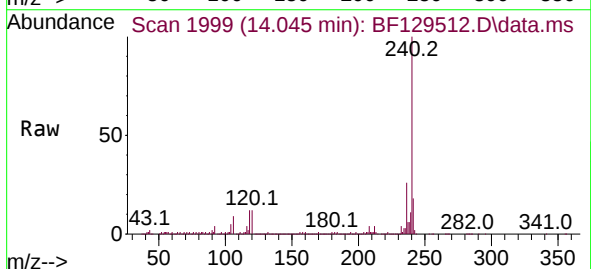
Tgt Ion:240 Resp: 369575

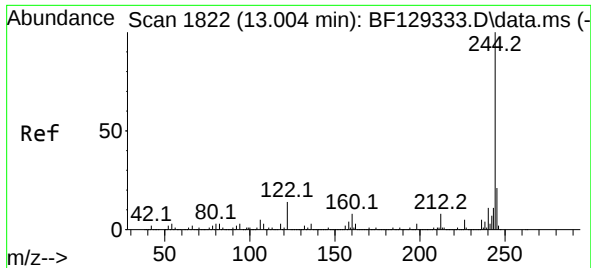
Ion Ratio Lower Upper

240 100

120 12.4 8.9 13.3

236 25.7 20.8 31.2

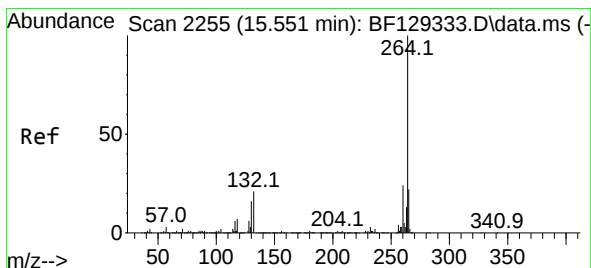
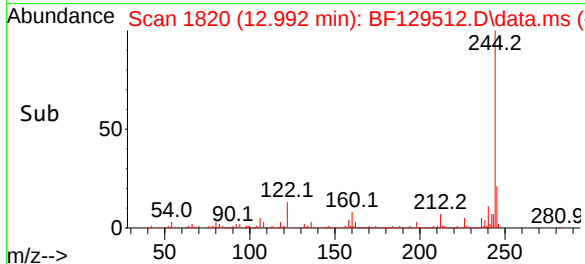
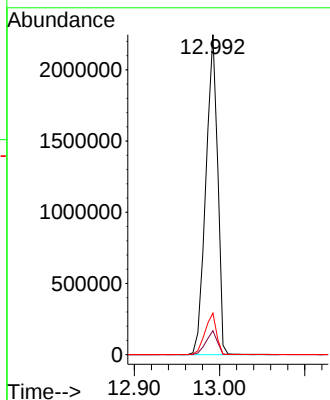
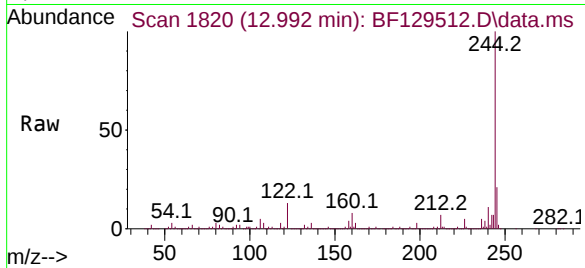




#79
 Terphenyl-d14
 Concen: 110.038 ng
 RT: 12.992 min Scan# 1822
 Delta R.T. 0.006 min
 Lab File: BF129512.D
 Acq: 02 Aug 2022 17:45

Instrument :
 BNA_F
 ClientSampleId :
 TP3-0729

Tgt Ion:244 Resp: 2155610
 Ion Ratio Lower Upper
 244 100
 212 7.5 6.1 9.1
 122 13.0 8.8 13.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.533 min Scan# 2252
 Delta R.T. 0.006 min
 Lab File: BF129512.D
 Acq: 02 Aug 2022 17:45

Tgt Ion:264 Resp: 282314
 Ion Ratio Lower Upper
 264 100
 260 24.2 18.4 27.6
 265 21.6 17.2 25.8

