

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080822\
 Data File : BF129639.D
 Acq On : 08 Aug 2022 19:24
 Operator : CG\JU
 Sample : N4064-07
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-15

Quant Time: Aug 09 00:34:32 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	153243	20.000	ng	-0.01
21) Naphthalene-d8	8.122	136	610828	20.000	ng	-0.01
39) Acenaphthene-d10	9.880	164	326651	20.000	ng	-0.01
64) Phenanthrene-d10	11.369	188	543916	20.000	ng	-0.01
76) Chrysene-d12	14.015	240	268159	20.000	ng	-0.01
86) Perylene-d12	15.492	264	306879	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	1025495	109.012	ng	0.00
7) Phenol-d6	6.492	99	1296147	109.617	ng	-0.01
23) Nitrobenzene-d5	7.404	82	838369	74.924	ng	-0.02
42) 2,4,6-Tribromophenol	10.675	330	342800	109.154	ng	-0.01
45) 2-Fluorobiphenyl	9.198	172	1519731	71.971	ng	-0.01
79) Terphenyl-d14	12.957	244	1364836	96.020	ng	-0.01

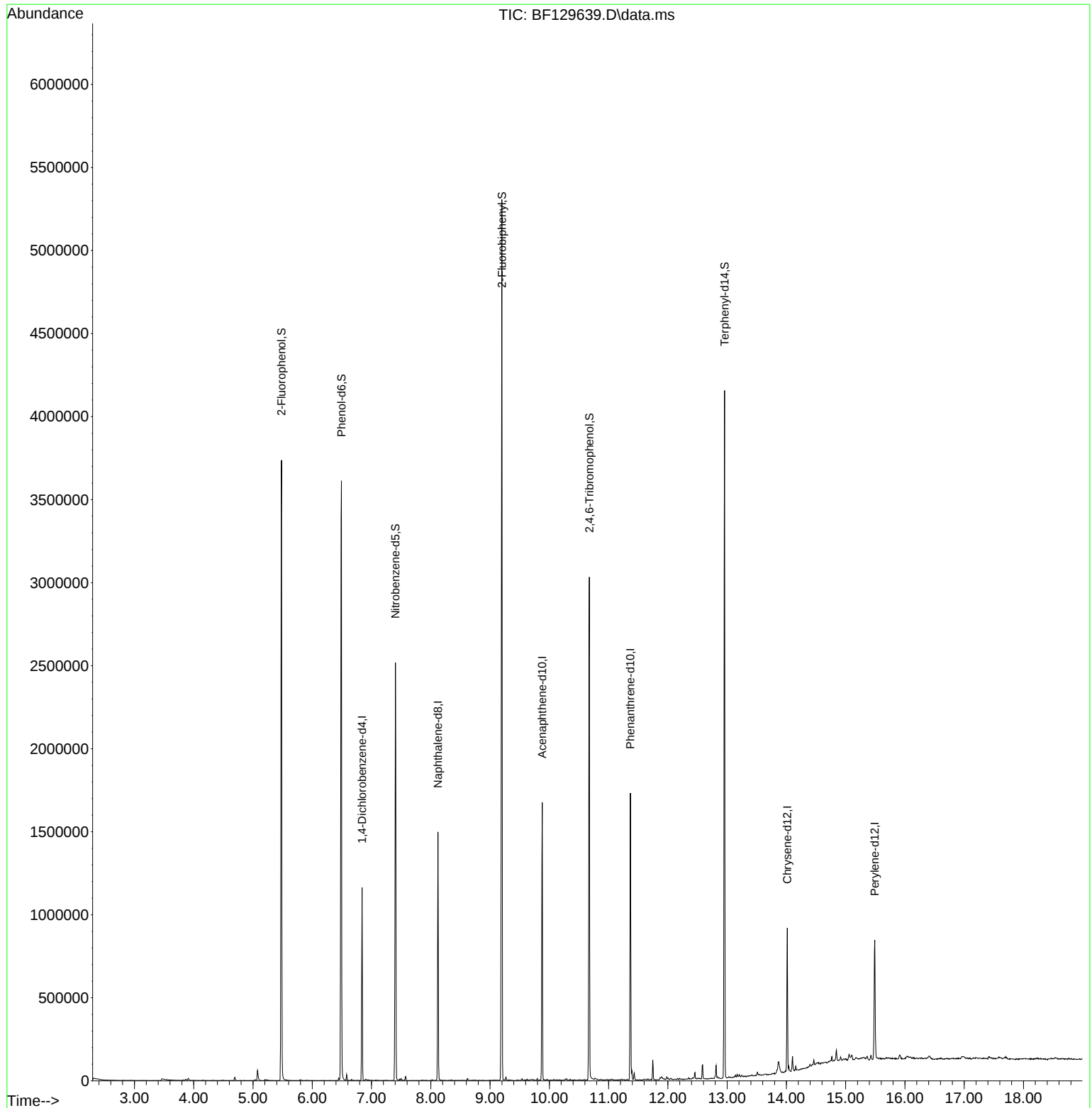
Target Compounds Qvalue

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

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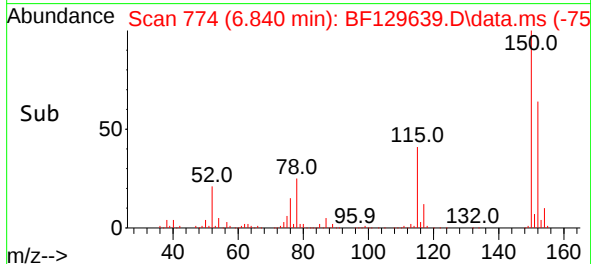
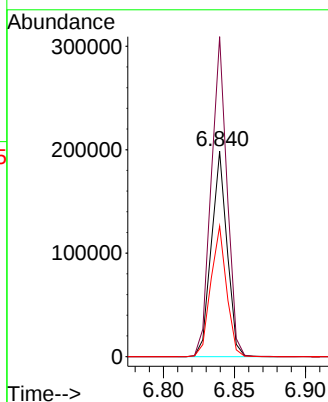
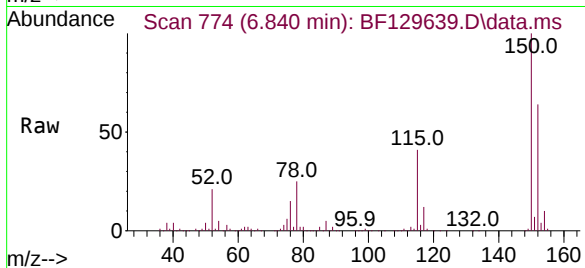




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.840 min Scan# 71
 Delta R.T. -0.011 min
 Lab File: BF129639.D
 Acq: 08 Aug 2022 19:24

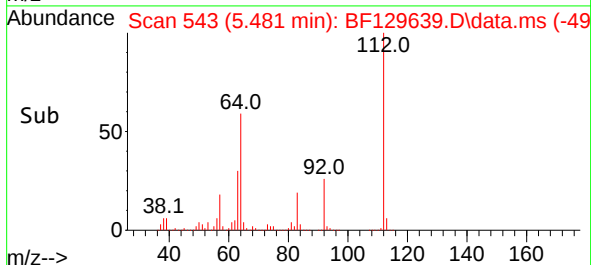
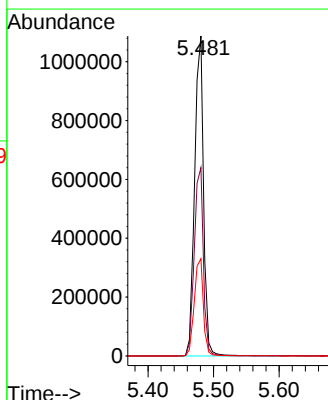
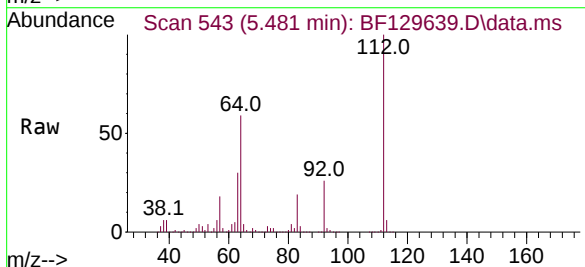
Instrument :
 BNA_F
 ClientSampleId :
 SB-15

Tgt Ion:152 Resp: 153243
 Ion Ratio Lower Upper
 152 100
 150 155.8 123.7 185.5
 115 63.6 49.9 74.9



#5
 2-Fluorophenol
 Concen: 109.012 ng
 RT: 5.481 min Scan# 543
 Delta R.T. -0.000 min
 Lab File: BF129639.D
 Acq: 08 Aug 2022 19:24

Tgt Ion:112 Resp: 1025495
 Ion Ratio Lower Upper
 112 100
 64 58.8 53.3 79.9
 63 30.4 28.0 42.0

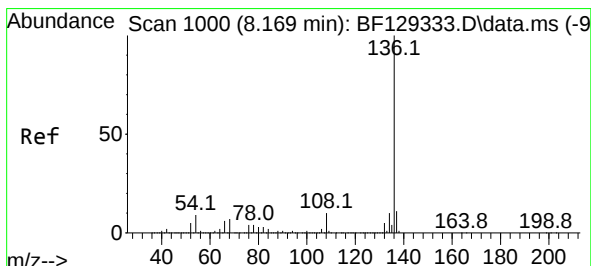
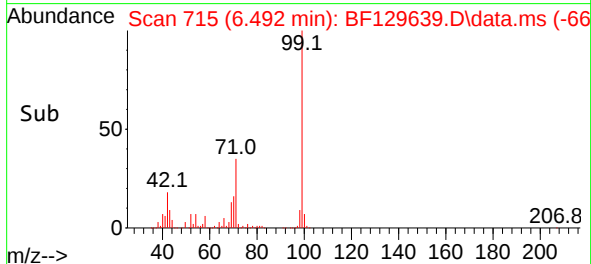
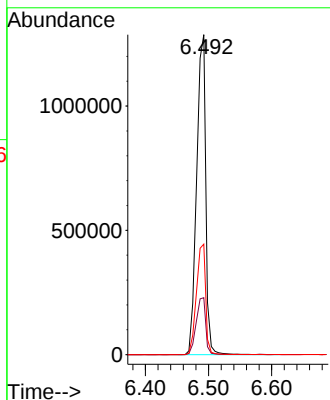
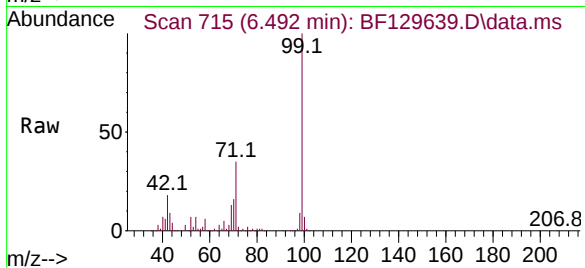




#7
Phenol-d6
Concen: 109.617 ng
RT: 6.492 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF129639.D
Acq: 08 Aug 2022 19:24

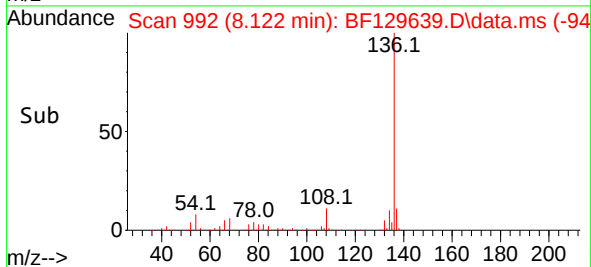
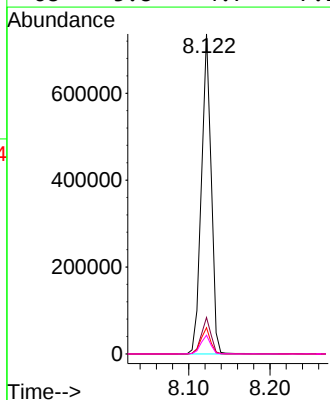
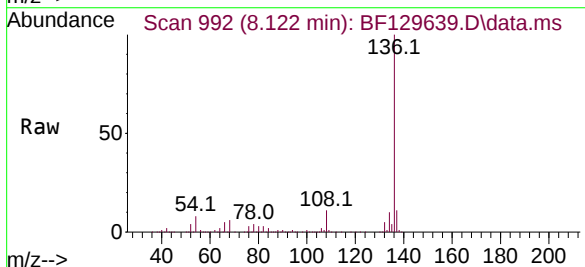
Instrument :
BNA_F
ClientSampleId :
SB-15

Tgt Ion: 99 Resp: 1296147
Ion Ratio Lower Upper
99 100
42 17.8 17.3 25.9
71 34.5 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: BF129639.D
Acq: 08 Aug 2022 19:24

Tgt Ion: 136 Resp: 610828
Ion Ratio Lower Upper
136 100
137 11.4 8.8 13.2
54 8.2 7.5 11.3
68 5.8 4.7 7.1

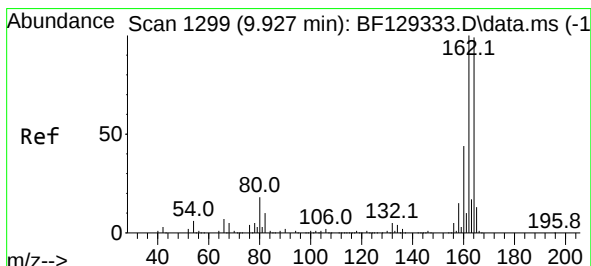
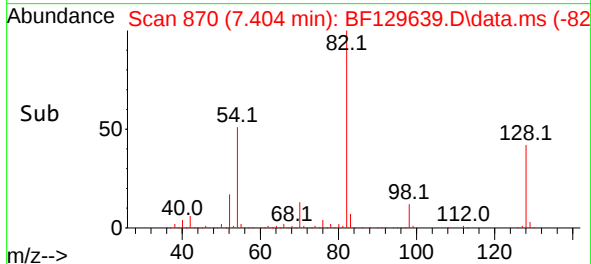
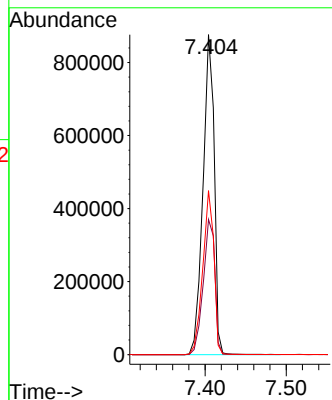
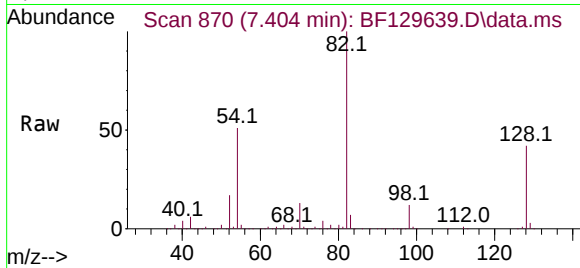




#23
 Nitrobenzene-d5
 Concen: 74.924 ng
 RT: 7.404 min Scan# 81
 Delta R.T. -0.018 min
 Lab File: BF129639.D
 Acq: 08 Aug 2022 19:24

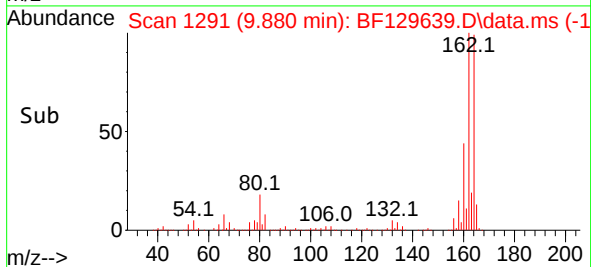
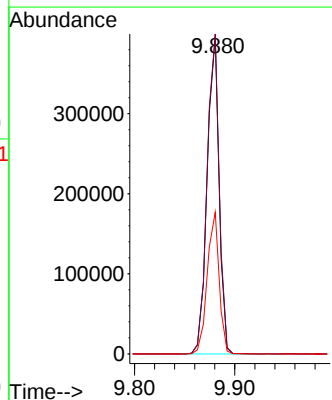
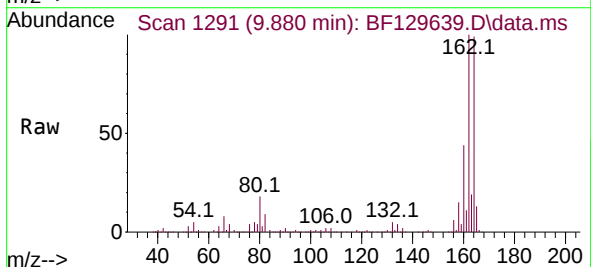
Instrument :
 BNA_F
 ClientSampleId :
 SB-15

Tgt Ion: 82 Resp: 838369
 Ion Ratio Lower Upper
 82 100
 128 42.2 34.0 51.0
 54 51.2 46.9 70.3



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.880 min Scan# 1291
 Delta R.T. -0.012 min
 Lab File: BF129639.D
 Acq: 08 Aug 2022 19:24

Tgt Ion: 164 Resp: 326651
 Ion Ratio Lower Upper
 164 100
 162 100.9 79.5 119.3
 160 44.7 34.2 51.4





#42

2,4,6-Tribromophenol

Concen: 109.154 ng

RT: 10.675 min Scan# 1434

Delta R.T. -0.012 min

Lab File: BF129639.D

Acq: 08 Aug 2022 19:24

Instrument :

BNA_F

ClientSampleId :

SB-15

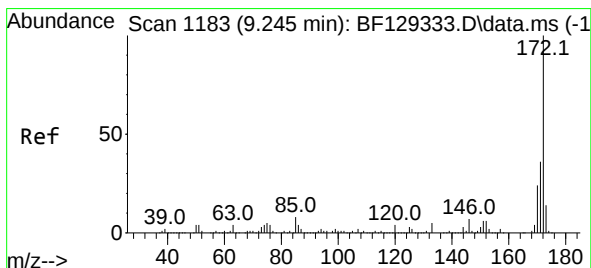
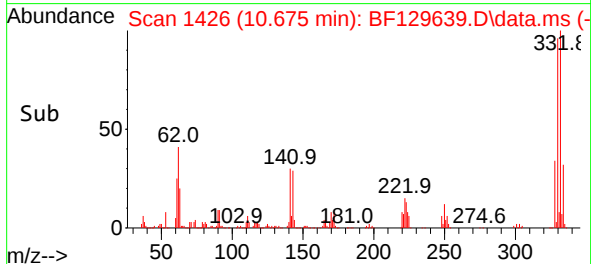
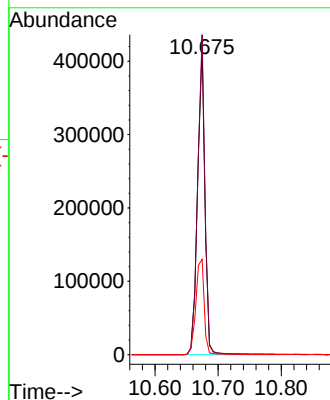
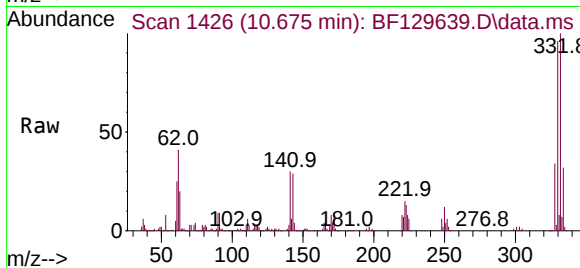
Tgt Ion:330 Resp: 342800

Ion Ratio Lower Upper

330 100

332 102.2 76.8 115.2

141 35.1 28.0 42.0



#45

2-Fluorobiphenyl

Concen: 71.971 ng

RT: 9.198 min Scan# 1175

Delta R.T. -0.012 min

Lab File: BF129639.D

Acq: 08 Aug 2022 19:24

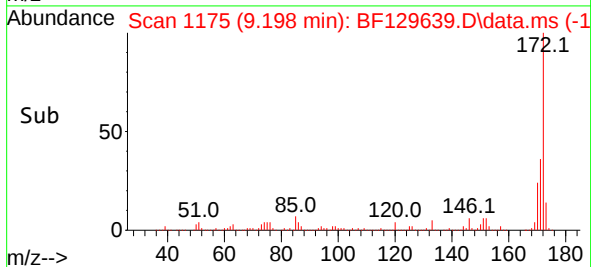
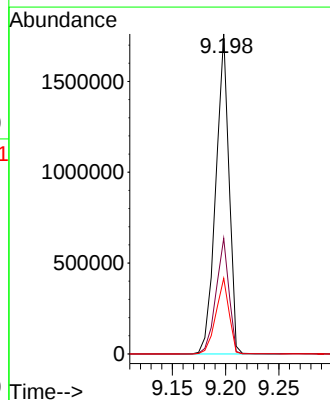
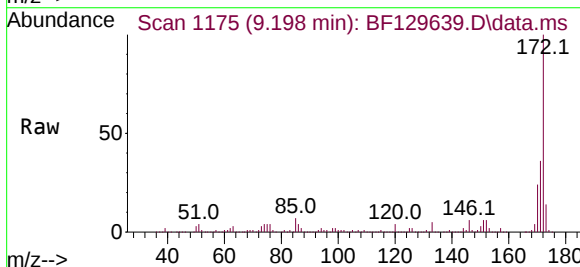
Tgt Ion:172 Resp: 1519731

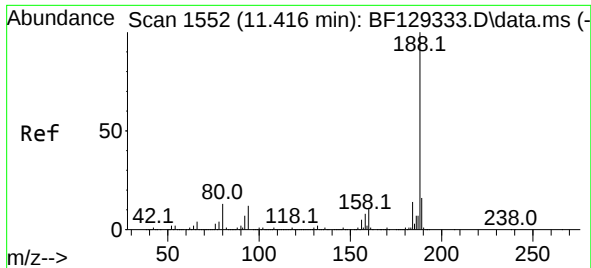
Ion Ratio Lower Upper

172 100

171 36.1 28.8 43.2

170 23.6 19.8 29.8

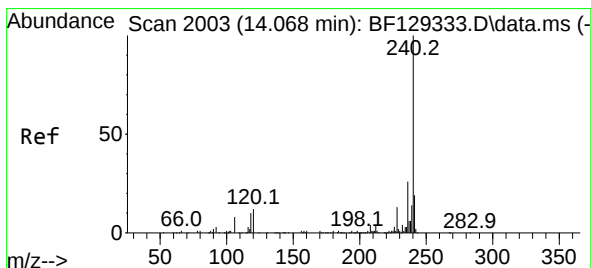
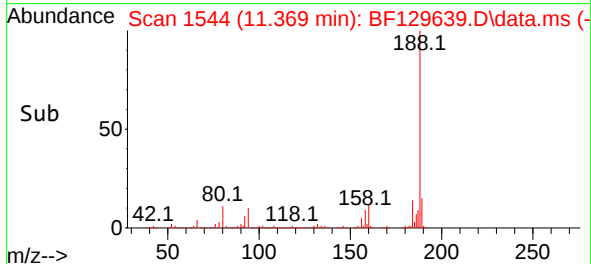
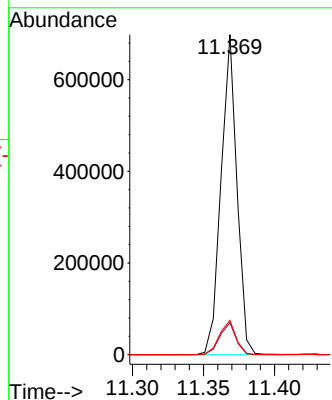
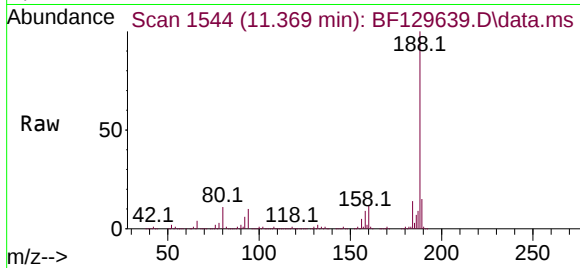




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.369 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF129639.D
Acq: 08 Aug 2022 19:24

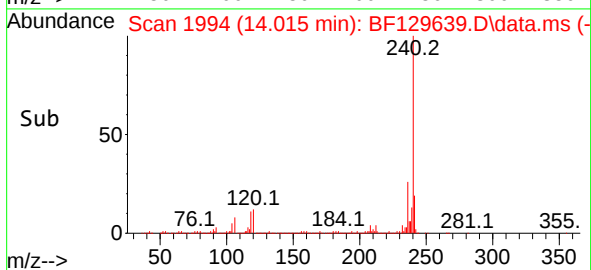
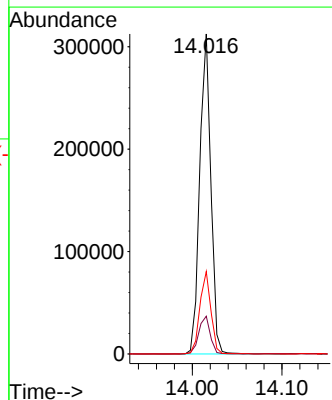
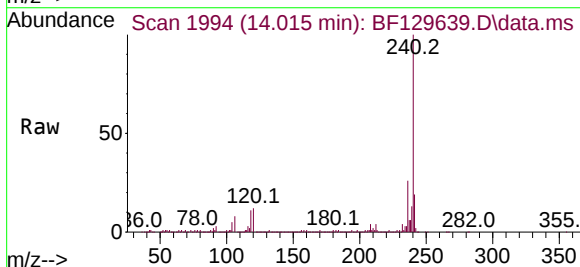
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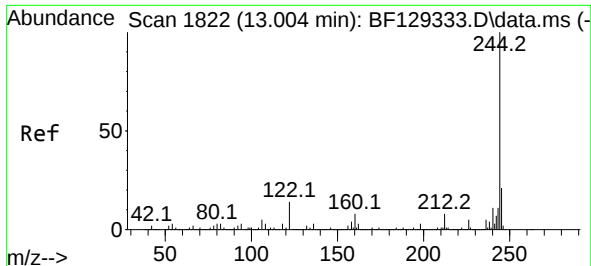
Tgt Ion:188 Resp: 543916
Ion Ratio Lower Upper
188 100
94 10.0 7.0 10.6
80 10.7 7.6 11.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.015 min Scan# 1994
Delta R.T. -0.012 min
Lab File: BF129639.D
Acq: 08 Aug 2022 19:24

Tgt Ion:240 Resp: 268159
Ion Ratio Lower Upper
240 100
120 11.8 8.9 13.3
236 25.7 20.8 31.2

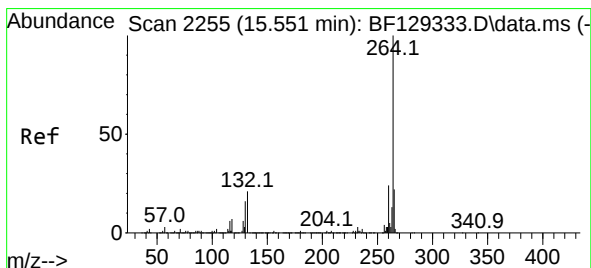
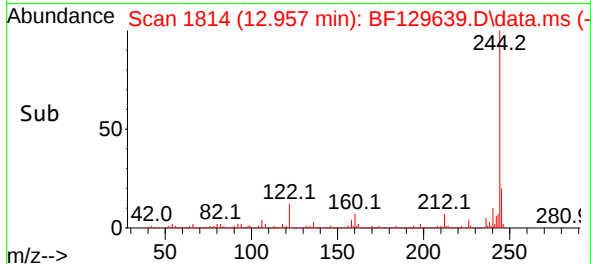
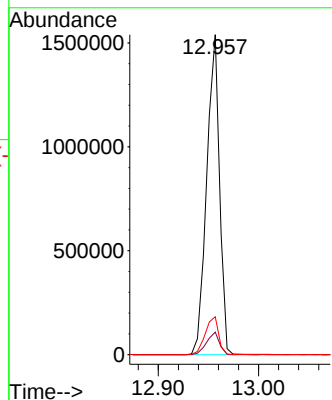
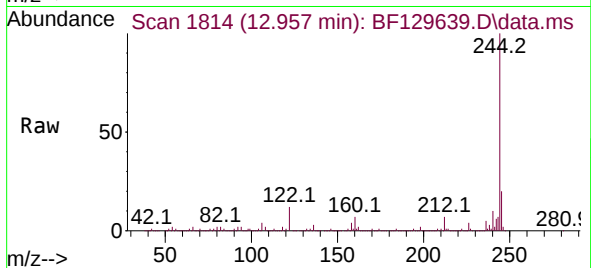




#79
 Terphenyl-d14
 Concen: 96.020 ng
 RT: 12.957 min Scan# 1822
 Delta R.T. -0.012 min
 Lab File: BF129639.D
 Acq: 08 Aug 2022 19:24

Instrument :
 BNA_F
 ClientSampleId :
 SB-15

Tgt Ion:244 Resp: 1364836
 Ion Ratio Lower Upper
 244 100
 212 7.0 6.1 9.1
 122 11.8 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: BF129639.D
 Acq: 08 Aug 2022 19:24

Tgt Ion:264 Resp: 306879
 Ion Ratio Lower Upper
 264 100
 260 22.9 18.4 27.6
 265 20.6 17.2 25.8

