

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080822\
 Data File : BF129638.D
 Acq On : 08 Aug 2022 18:49
 Operator : CG\JU
 Sample : N4063-02
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P-5B

Quant Time: Aug 09 00:34:04 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	164157	20.000	ng	-0.01
21) Naphthalene-d8	8.122	136	653983	20.000	ng	-0.01
39) Acenaphthene-d10	9.881	164	353989	20.000	ng	-0.01
64) Phenanthrene-d10	11.369	188	580864	20.000	ng	-0.01
76) Chrysene-d12	14.016	240	279465	20.000	ng	-0.01
86) Perylene-d12	15.492	264	320724	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	936989	92.981	ng	0.00
7) Phenol-d6	6.493	99	1216142	96.013	ng	-0.01
23) Nitrobenzene-d5	7.404	82	800841	66.847	ng	-0.02
42) 2,4,6-Tribromophenol	10.675	330	284902	83.712	ng	-0.01
45) 2-Fluorobiphenyl	9.198	172	1496200	65.385	ng	-0.01
79) Terphenyl-d14	12.957	244	1370892	92.545	ng	-0.01

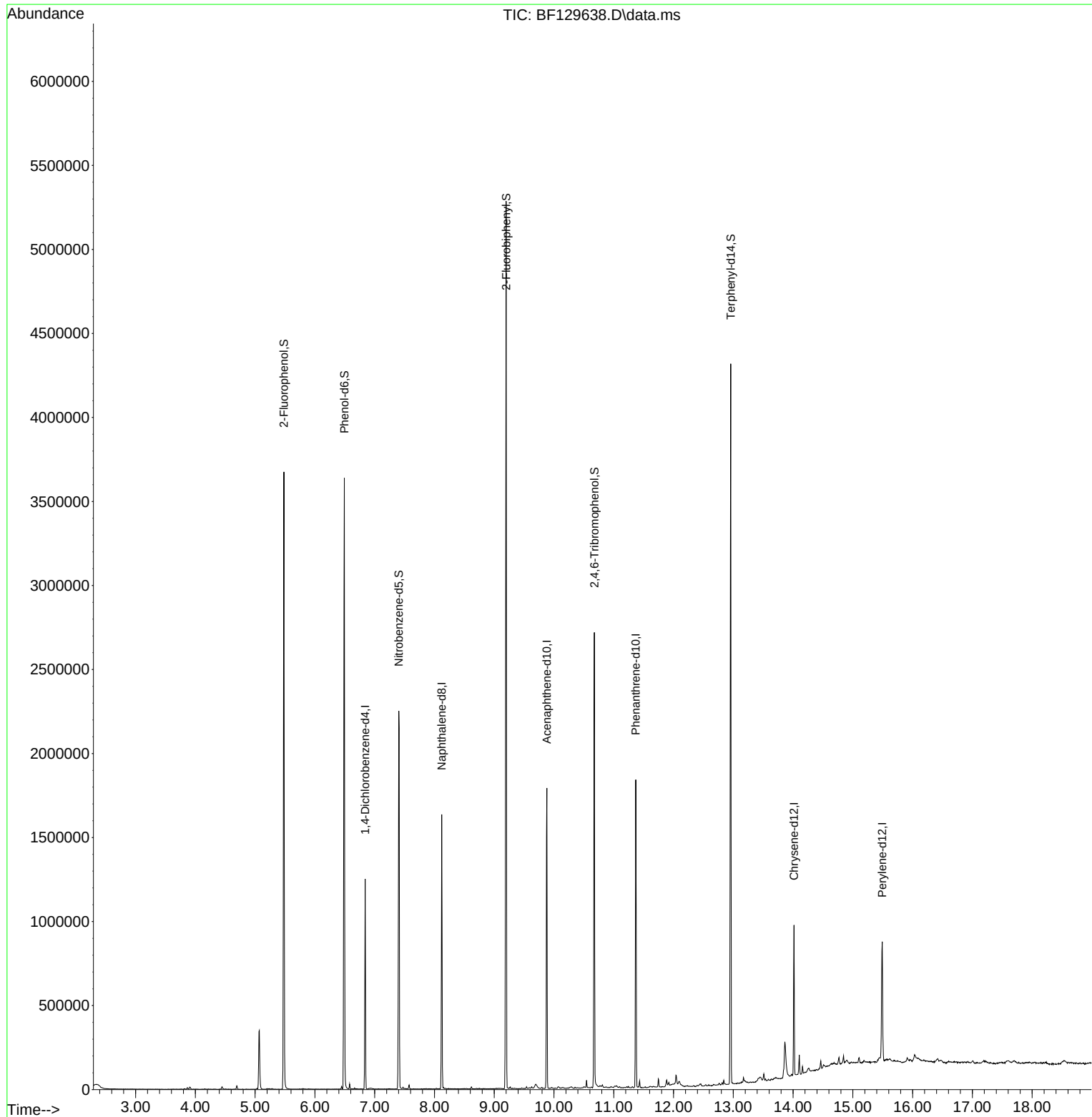
Target Compounds	Qvalue

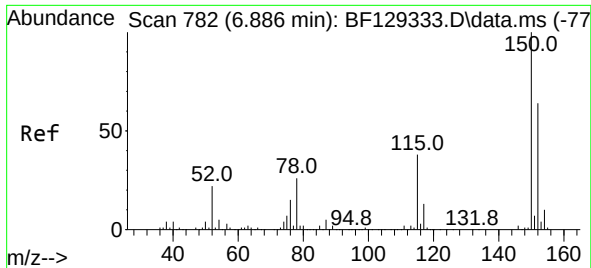
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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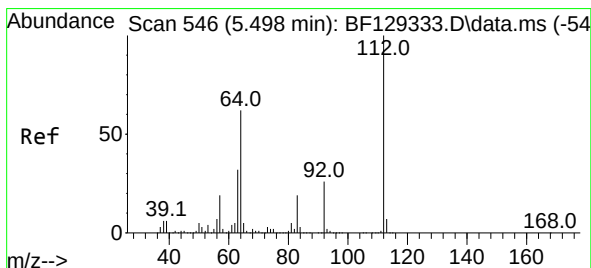
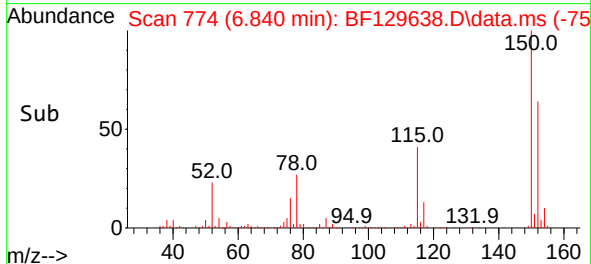
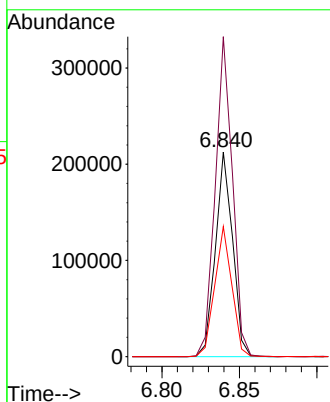
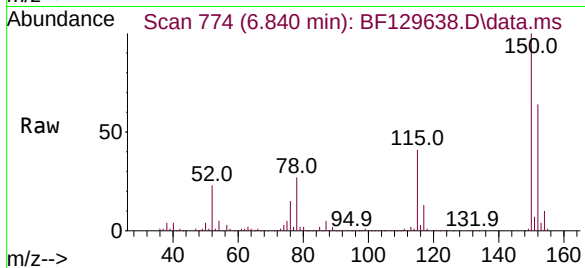




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.840 min Scan# 71
 Delta R.T. -0.011 min
 Lab File: BF129638.D
 Acq: 08 Aug 2022 18:49

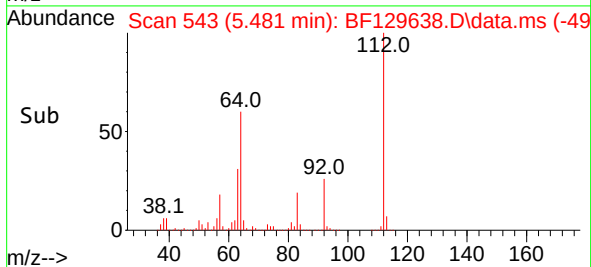
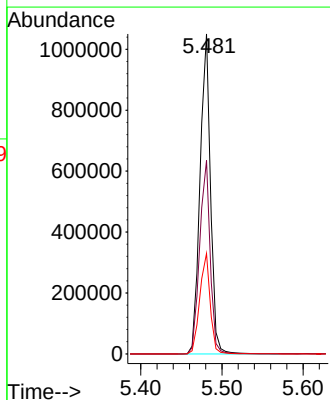
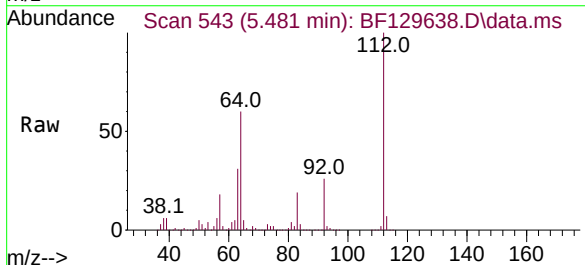
Instrument :
 BNA_F
 ClientSampleId :
 P-5B

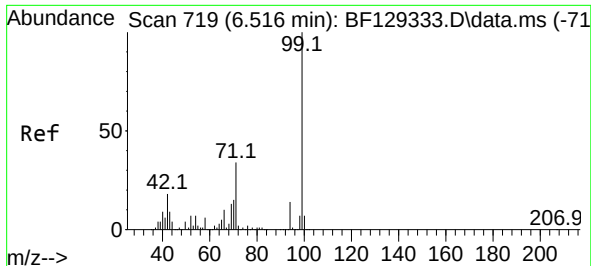
Tgt Ion:152 Resp: 164157
 Ion Ratio Lower Upper
 152 100
 150 156.4 123.7 185.5
 115 63.5 49.9 74.9



#5
 2-Fluorophenol
 Concen: 92.981 ng
 RT: 5.481 min Scan# 543
 Delta R.T. 0.000 min
 Lab File: BF129638.D
 Acq: 08 Aug 2022 18:49

Tgt Ion:112 Resp: 936989
 Ion Ratio Lower Upper
 112 100
 64 60.4 53.3 79.9
 63 31.4 28.0 42.0

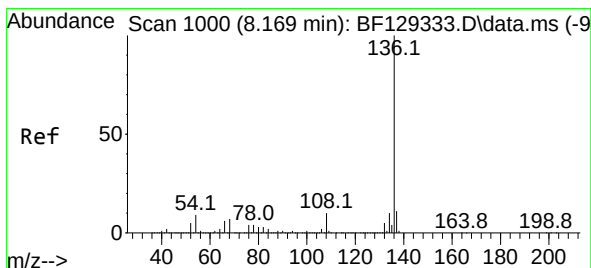
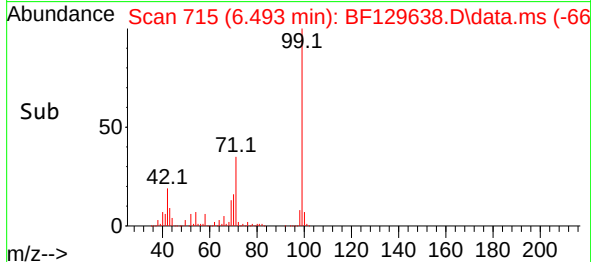
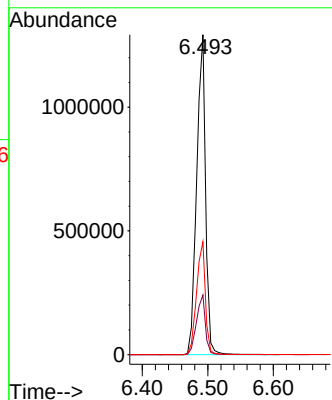
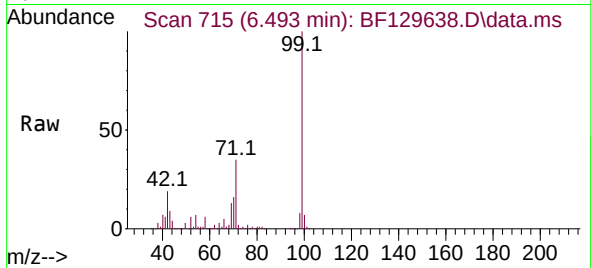




#7
Phenol-d6
Concen: 96.013 ng
RT: 6.493 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF129638.D
Acq: 08 Aug 2022 18:49

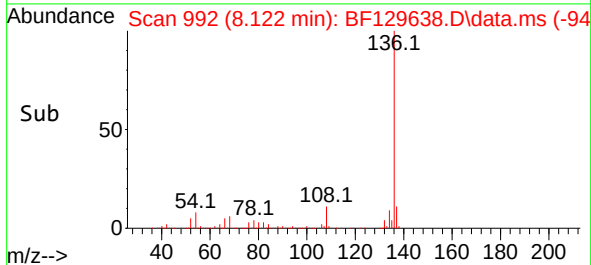
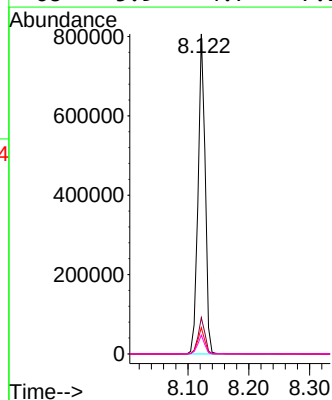
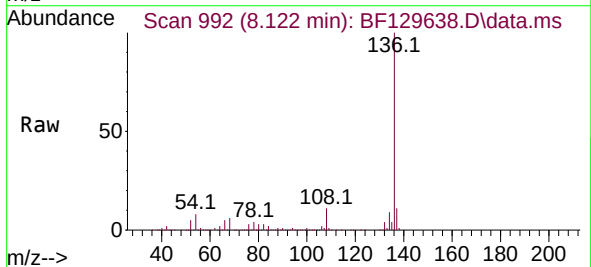
Instrument :
BNA_F
ClientSampleId :
P-5B

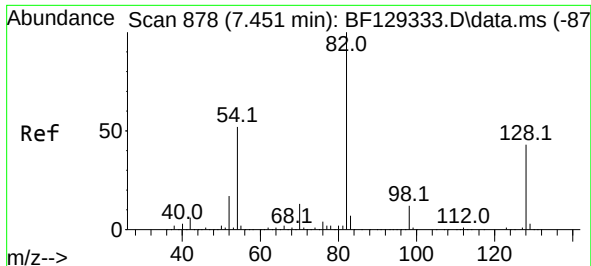
Tgt Ion: 99 Resp: 1216142
Ion Ratio Lower Upper
99 100
42 18.6 17.3 25.9
71 35.3 28.9 43.3



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.122 min Scan# 992
Delta R.T. -0.012 min
Lab File: BF129638.D
Acq: 08 Aug 2022 18:49

Tgt Ion: 136 Resp: 653983
Ion Ratio Lower Upper
136 100
137 11.3 8.8 13.2
54 8.2 7.5 11.3
68 5.9 4.7 7.1





#23

Nitrobenzene-d5

Concen: 66.847 ng

RT: 7.404 min Scan# 81

Delta R.T. -0.018 min

Lab File: BF129638.D

Acq: 08 Aug 2022 18:49

Instrument :

BNA_F

ClientSampleId :

P-5B

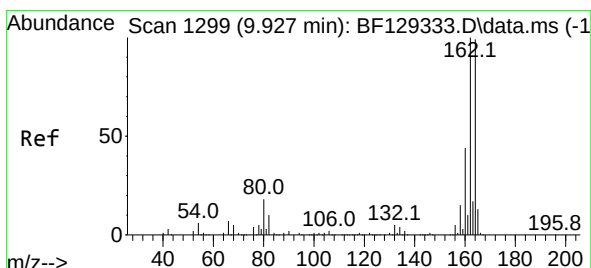
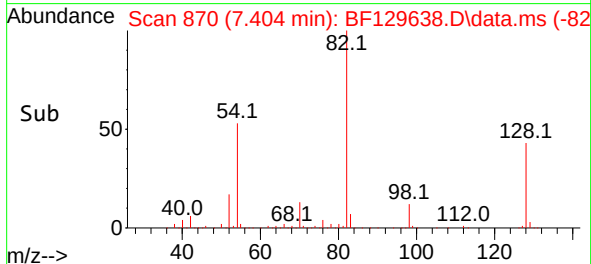
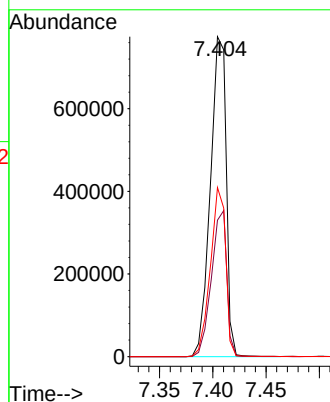
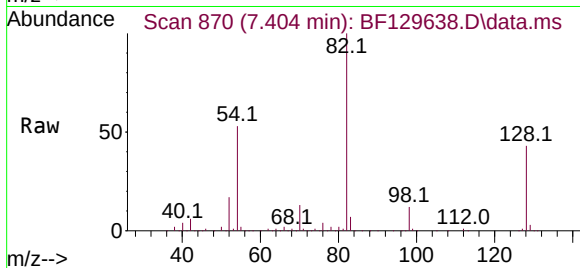
Tgt Ion: 82 Resp: 800841

Ion Ratio Lower Upper

82 100

128 42.6 34.0 51.0

54 52.8 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: BF129638.D

Acq: 08 Aug 2022 18:49

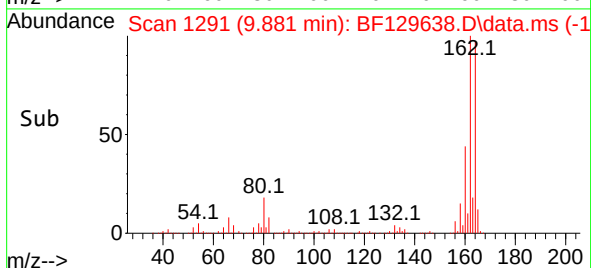
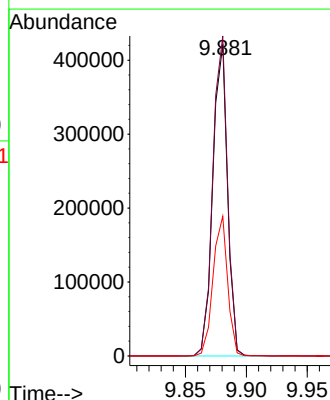
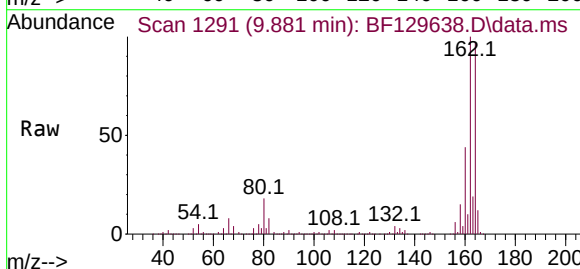
Tgt Ion: 164 Resp: 353989

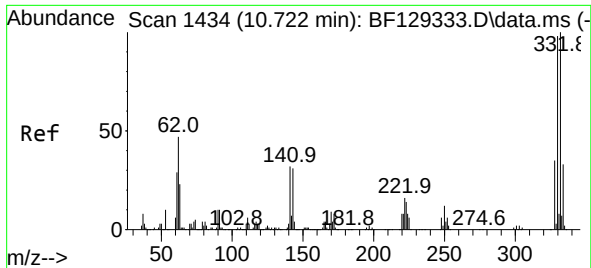
Ion Ratio Lower Upper

164 100

162 102.7 79.5 119.3

160 44.8 34.2 51.4

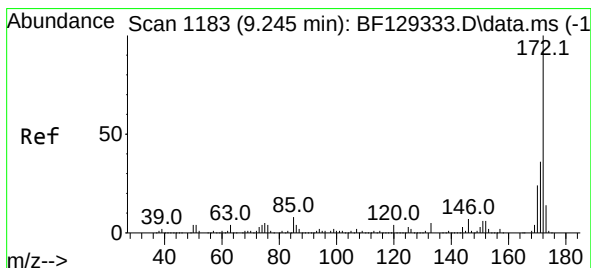
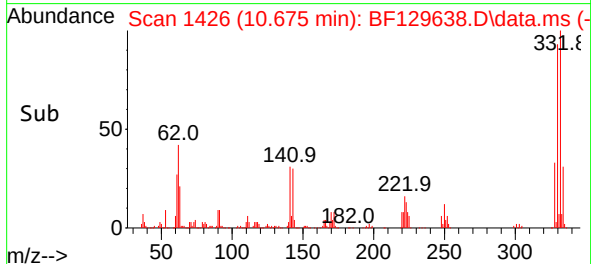
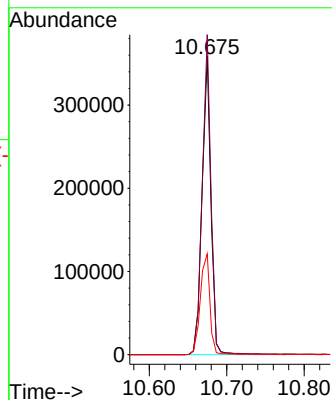
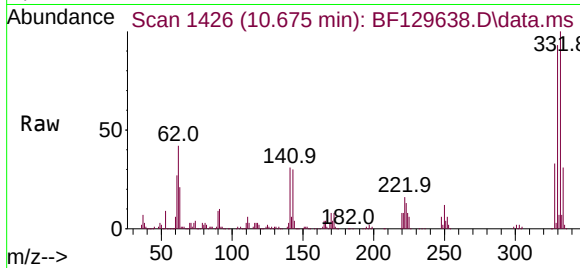




#42
 2,4,6-Tribromophenol
 Concen: 83.712 ng
 RT: 10.675 min Scan# 1434
 Delta R.T. -0.012 min
 Lab File: BF129638.D
 Acq: 08 Aug 2022 18:49

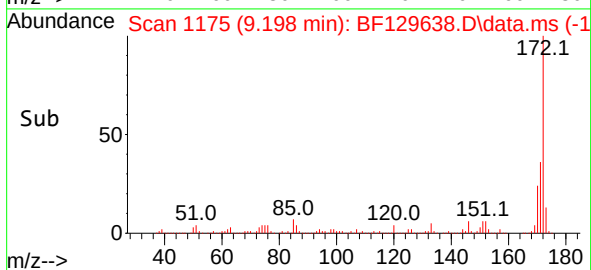
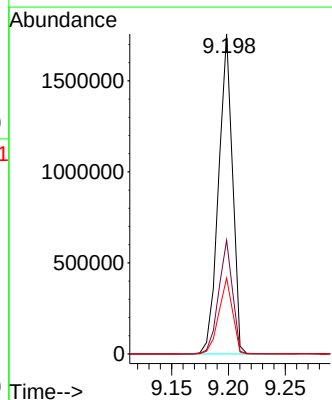
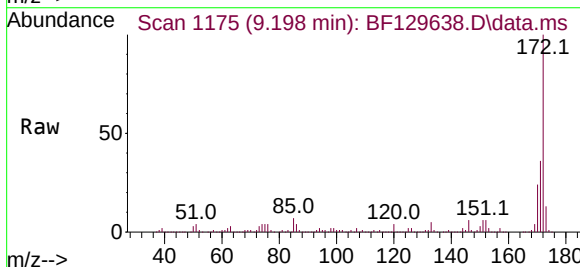
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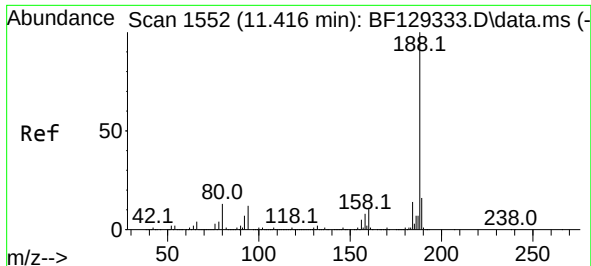
Tgt Ion:330 Resp: 284902
 Ion Ratio Lower Upper
 330 100
 332 106.4 76.8 115.2
 141 36.7 28.0 42.0



#45
 2-Fluorobiphenyl
 Concen: 65.385 ng
 RT: 9.198 min Scan# 1175
 Delta R.T. -0.012 min
 Lab File: BF129638.D
 Acq: 08 Aug 2022 18:49

Tgt Ion:172 Resp: 1496200
 Ion Ratio Lower Upper
 172 100
 171 35.5 28.8 43.2
 170 23.7 19.8 29.8

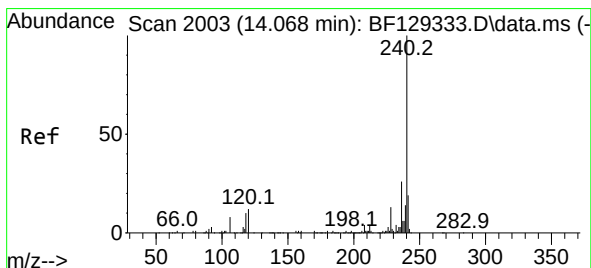
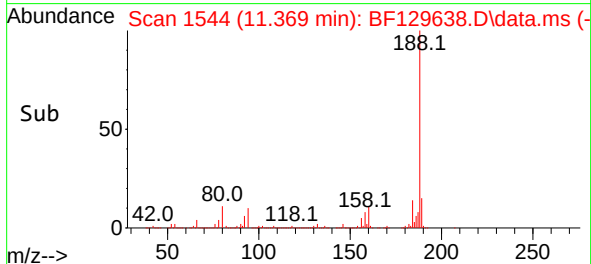
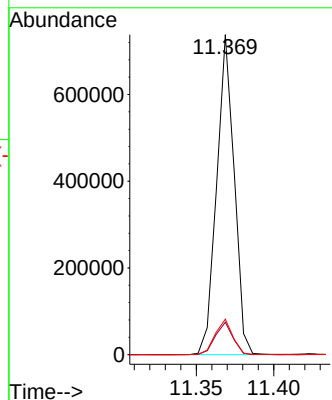
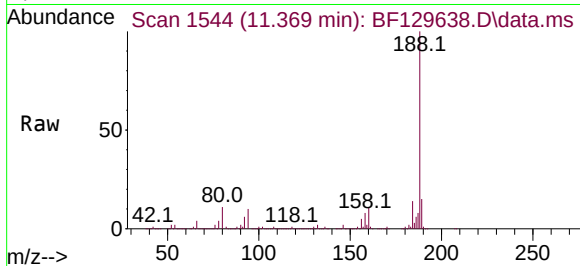




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.369 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF129638.D
Acq: 08 Aug 2022 18:49

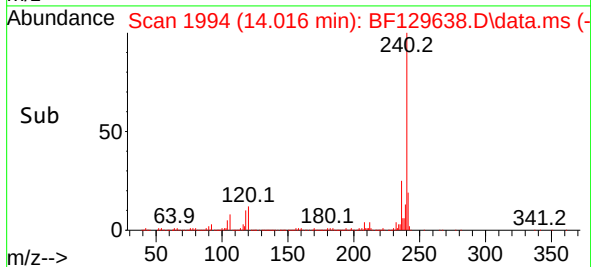
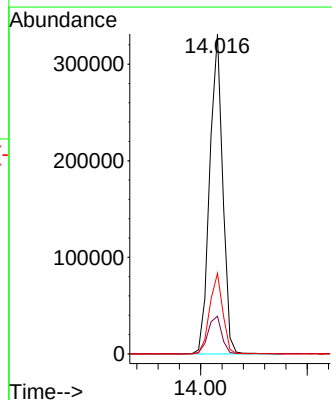
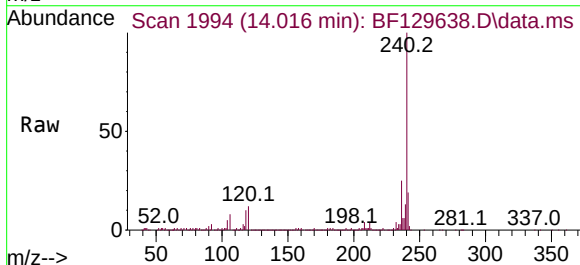
Instrument :
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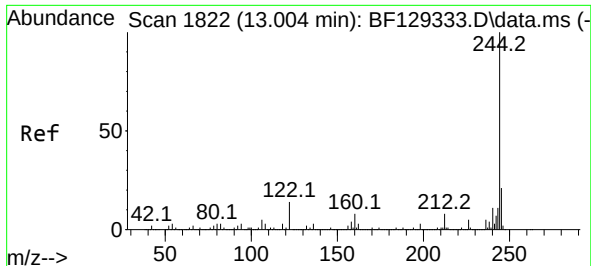
Tgt Ion:188 Resp: 580864
Ion Ratio Lower Upper
188 100
94 10.1 7.0 10.6
80 11.1 7.6 11.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.016 min Scan# 1994
Delta R.T. -0.012 min
Lab File: BF129638.D
Acq: 08 Aug 2022 18:49

Tgt Ion:240 Resp: 279465
Ion Ratio Lower Upper
240 100
120 11.8 8.9 13.3
236 25.2 20.8 31.2

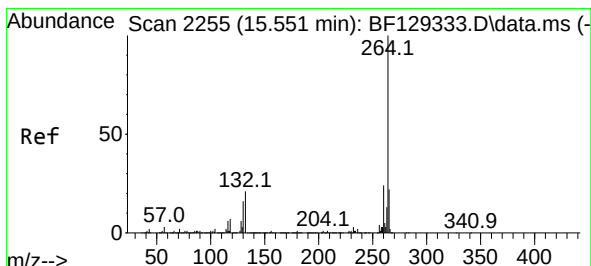
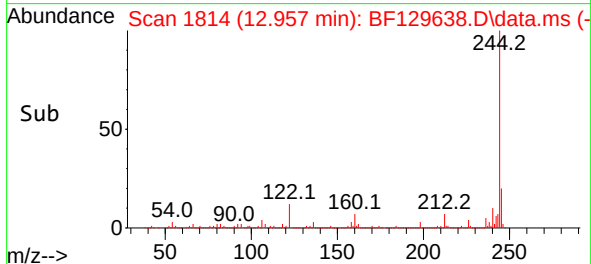
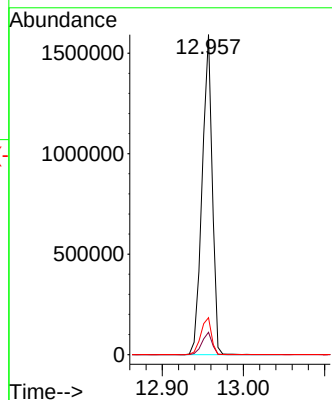
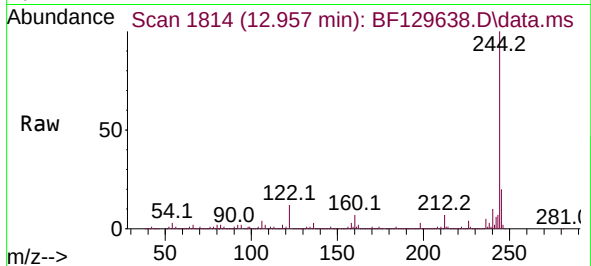




#79
 Terphenyl-d14
 Concen: 92.545 ng
 RT: 12.957 min Scan# 1822
 Delta R.T. -0.012 min
 Lab File: BF129638.D
 Acq: 08 Aug 2022 18:49

Instrument :
 BNA_F
 ClientSampleId :
 P-5B

Tgt Ion:244 Resp: 1370892
 Ion Ratio Lower Upper
 244 100
 212 7.0 6.1 9.1
 122 11.5 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: BF129638.D
 Acq: 08 Aug 2022 18:49

Tgt Ion:264 Resp: 320724
 Ion Ratio Lower Upper
 264 100
 260 23.3 18.4 27.6
 265 21.4 17.2 25.8

