

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072722\
 Data File : BF129389.D
 Acq On : 27 Jul 2022 22:10
 Operator : CG\JU
 Sample : N3887-05
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-20

Quant Time: Jul 28 01:32:34 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 25 17:24:17 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	247644	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	988928	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	516184	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	831427	20.000	ng	0.00
76) Chrysene-d12	14.057	240	524373	20.000	ng	-0.01
86) Perylene-d12	15.551	264	431290	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	1052449	69.230	ng	0.01
7) Phenol-d6	6.510	99	834460	43.670	ng	0.00
23) Nitrobenzene-d5	7.451	82	1773777	97.912	ng	0.00
42) 2,4,6-Tribromophenol	10.722	330	711724	143.414	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	2890155	86.615	ng	0.00
79) Terphenyl-d14	13.004	244	2694058	96.926	ng	0.00

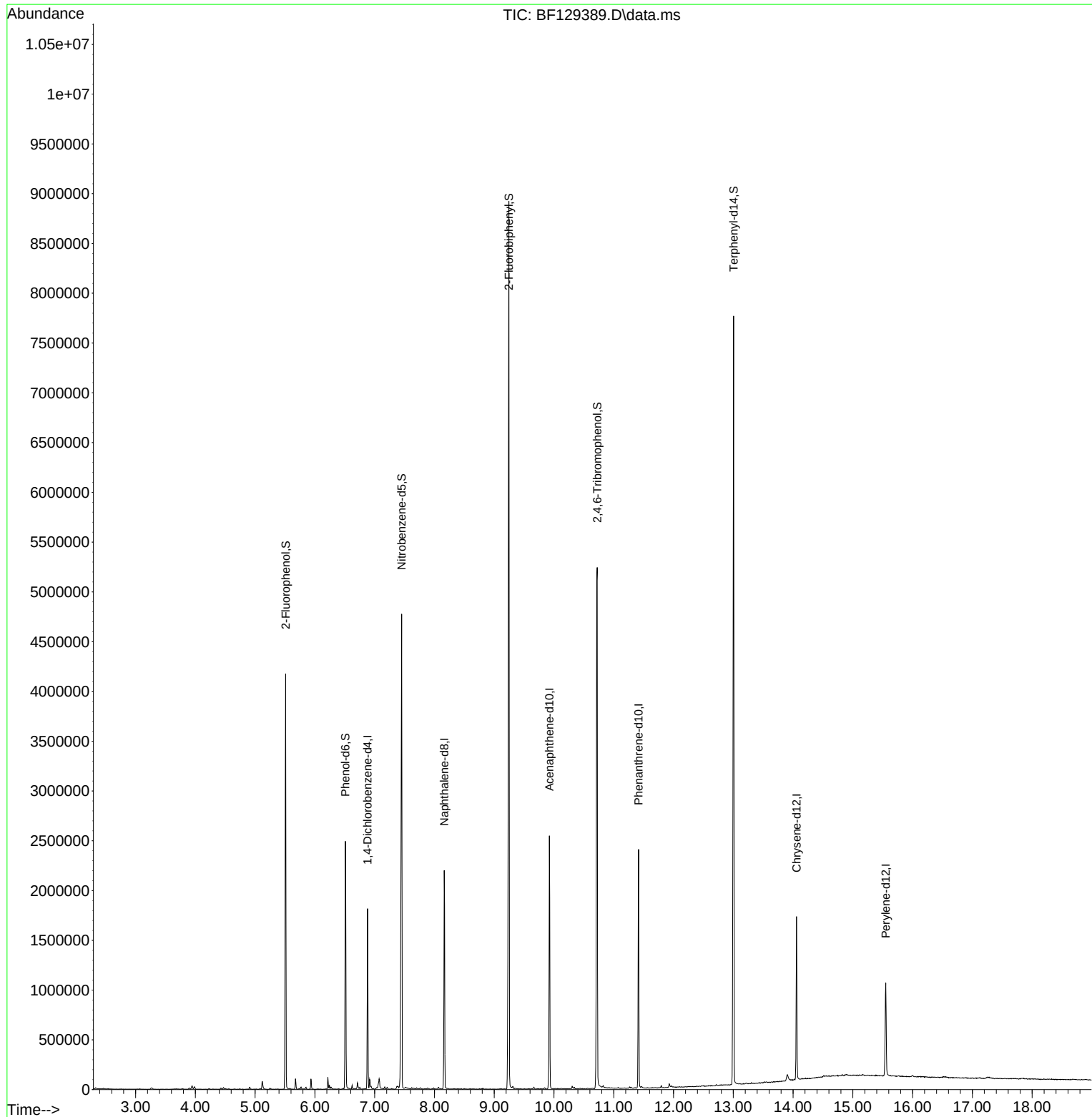
Target Compounds Qvalue

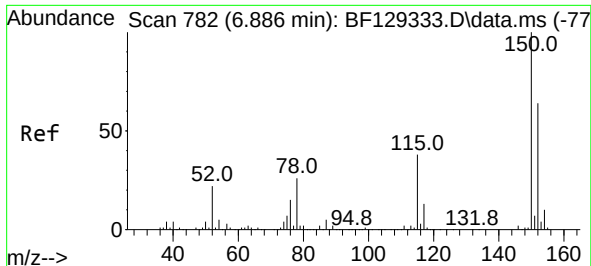
 (#) = qualifier out of range (m) = manual integration (+) = signals summed

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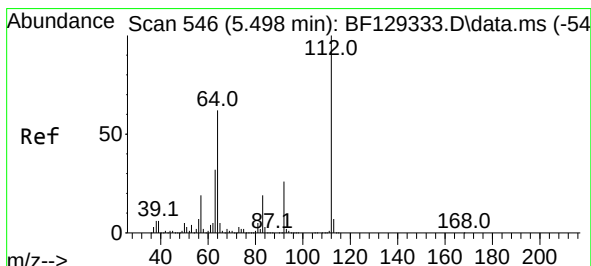
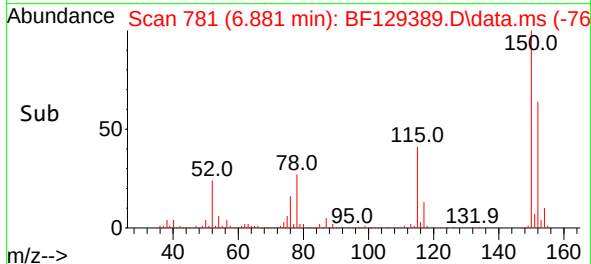
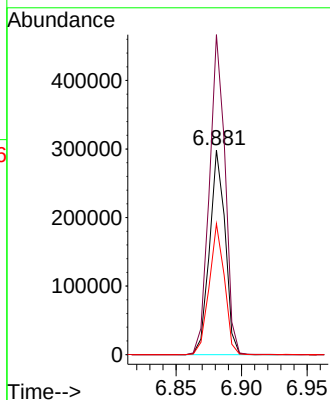
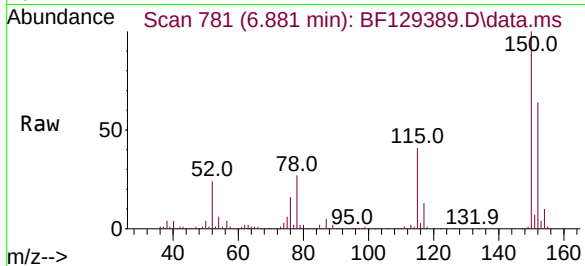




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.881 min Scan# 781
Delta R.T. -0.005 min
Lab File: BF129389.D
Acq: 27 Jul 2022 22:10

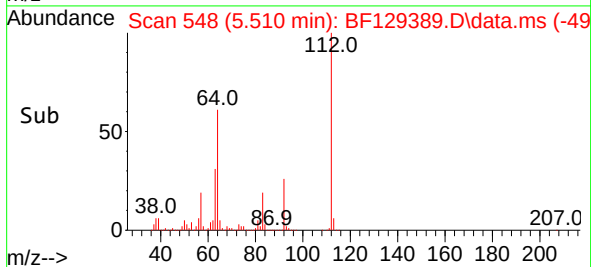
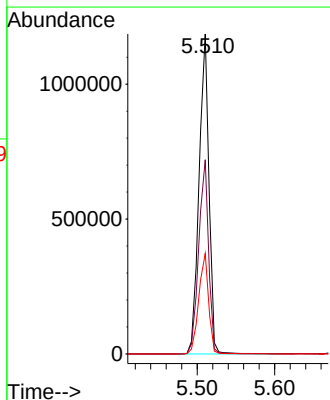
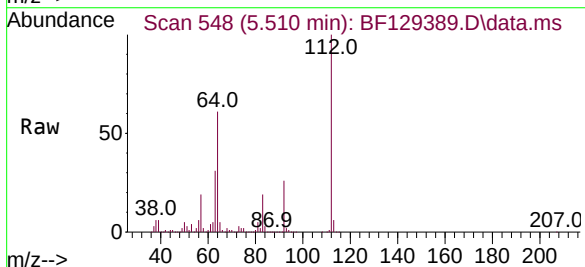
Instrument :
BNA_F
ClientSampleId :
MW-20

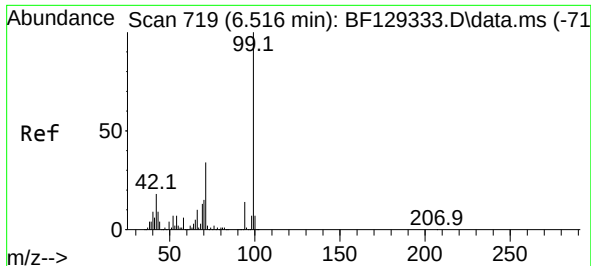
Tgt Ion:152 Resp: 247644
Ion Ratio Lower Upper
152 100
150 156.4 123.7 185.5
115 63.9 49.9 74.9



#5
2-Fluorophenol
Concen: 69.230 ng
RT: 5.510 min Scan# 548
Delta R.T. 0.012 min
Lab File: BF129389.D
Acq: 27 Jul 2022 22:10

Tgt Ion:112 Resp: 1052449
Ion Ratio Lower Upper
112 100
64 60.7 53.3 79.9
63 31.4 28.0 42.0

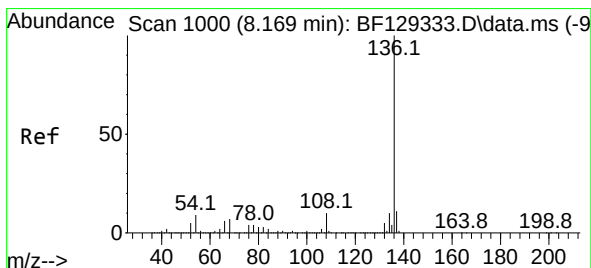
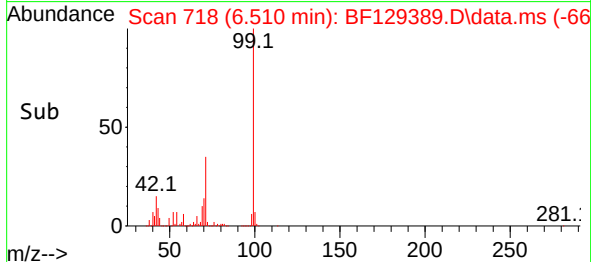
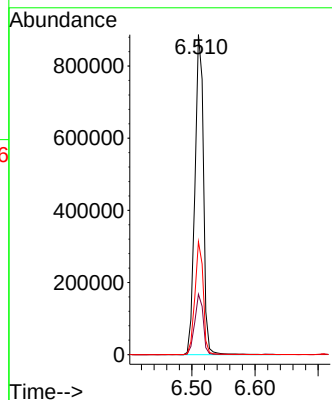
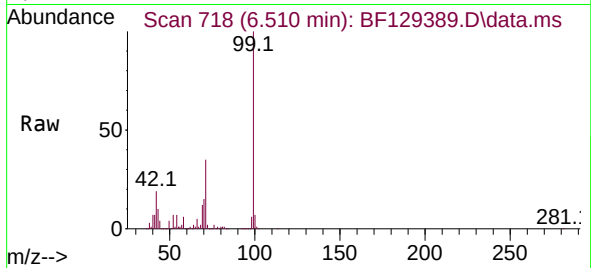




#7
Phenol-d6
Concen: 43.670 ng
RT: 6.510 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF129389.D
Acq: 27 Jul 2022 22:10

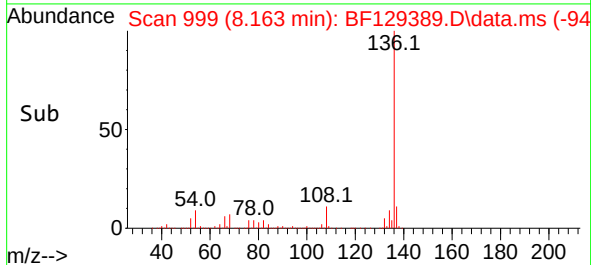
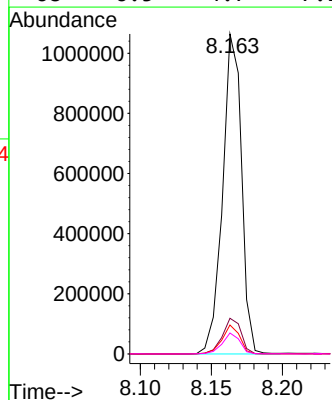
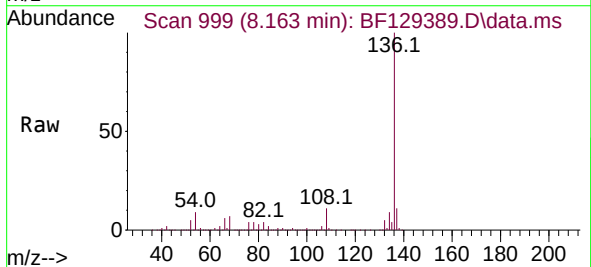
Instrument :
BNA_F
ClientSampleId :
MW-20

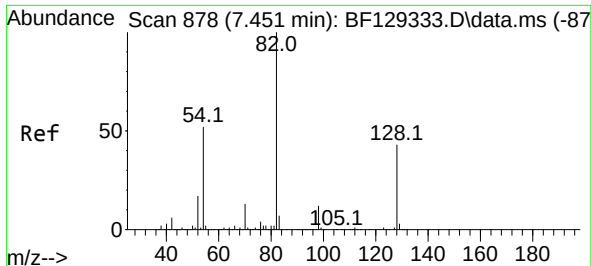
Tgt Ion: 99 Resp: 834460
Ion Ratio Lower Upper
99 100
42 18.9 17.3 25.9
71 35.3 28.9 43.3



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.163 min Scan# 999
Delta R.T. -0.006 min
Lab File: BF129389.D
Acq: 27 Jul 2022 22:10

Tgt Ion: 136 Resp: 988928
Ion Ratio Lower Upper
136 100
137 11.1 8.8 13.2
54 9.0 7.5 11.3
68 6.5 4.7 7.1





#23

Nitrobenzene-d5

Concen: 97.912 ng

RT: 7.451 min Scan# 81

Delta R.T. 0.000 min

Lab File: BF129389.D

Acq: 27 Jul 2022 22:10

Instrument :

BNA_F

ClientSampleId :

MW-20

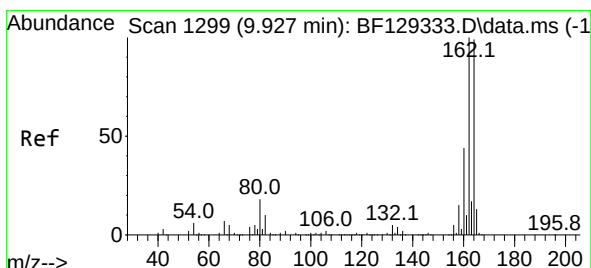
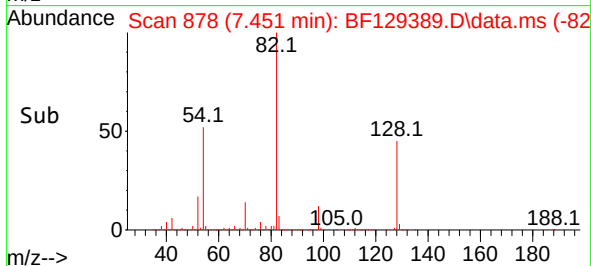
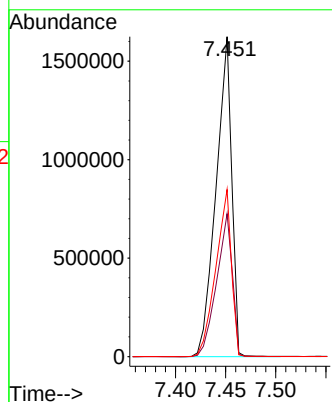
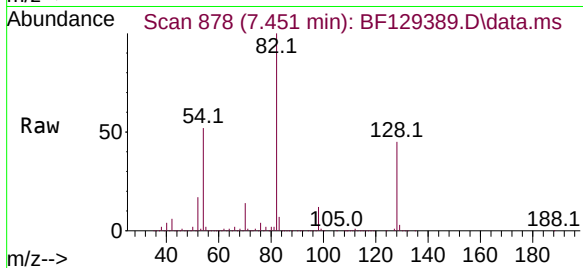
Tgt Ion: 82 Resp: 1773777

Ion Ratio Lower Upper

82 100

128 44.7 34.0 51.0

54 52.2 46.9 70.3



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.922 min Scan# 1298

Delta R.T. -0.006 min

Lab File: BF129389.D

Acq: 27 Jul 2022 22:10

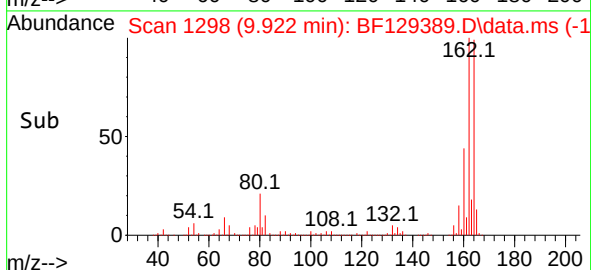
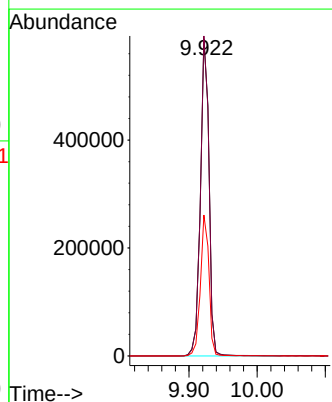
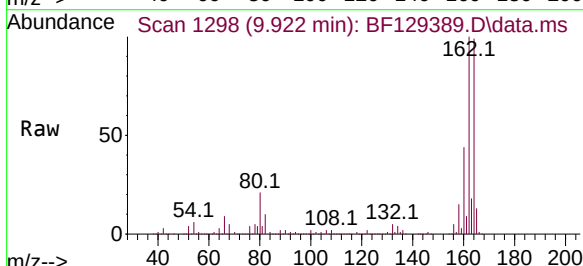
Tgt Ion:164 Resp: 516184

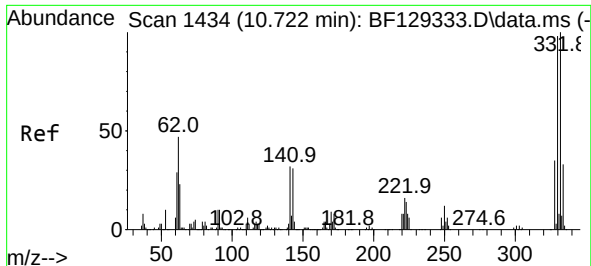
Ion Ratio Lower Upper

164 100

162 101.0 79.5 119.3

160 44.5 34.2 51.4

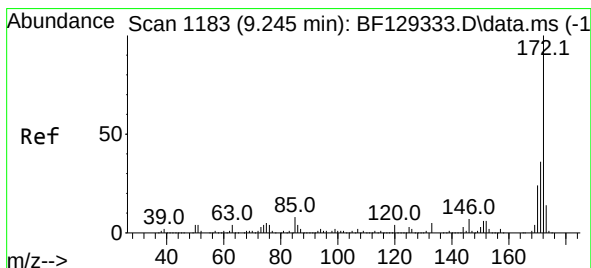
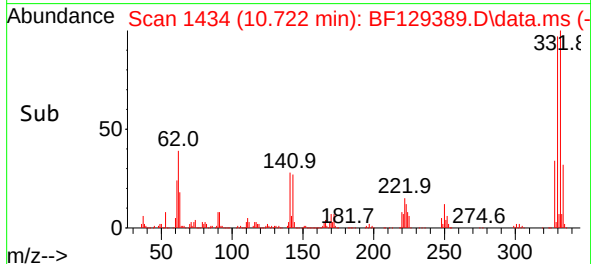
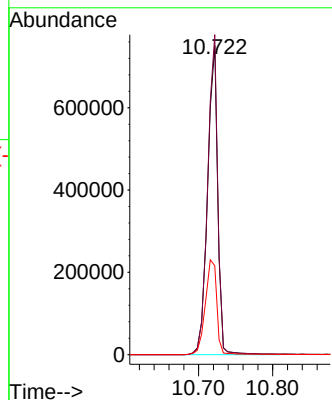
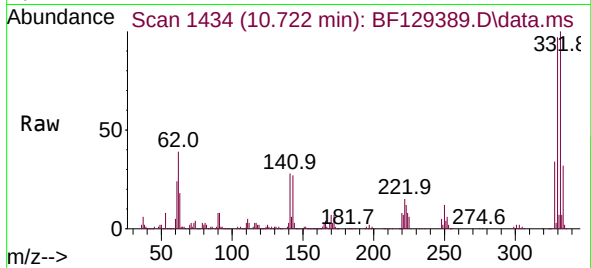




#42
2,4,6-Tribromophenol
Concen: 143.414 ng
RT: 10.722 min Scan# 1434
Delta R.T. 0.000 min
Lab File: BF129389.D
Acq: 27 Jul 2022 22:10

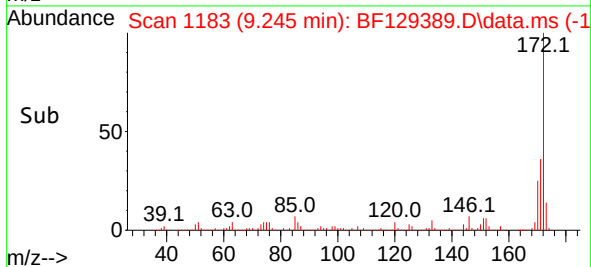
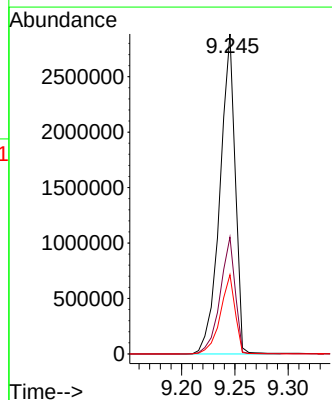
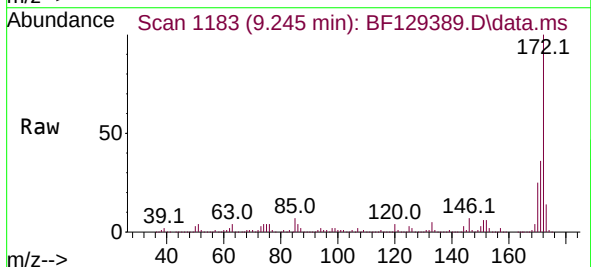
Instrument :
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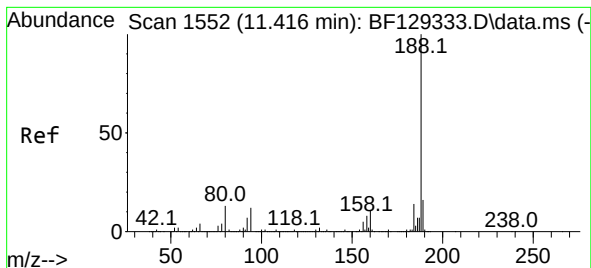
Tgt Ion:330 Resp: 711724
Ion Ratio Lower Upper
330 100
332 103.1 76.8 115.2
141 34.7 28.0 42.0



#45
2-Fluorobiphenyl
Concen: 86.615 ng
RT: 9.245 min Scan# 1183
Delta R.T. 0.000 min
Lab File: BF129389.D
Acq: 27 Jul 2022 22:10

Tgt Ion:172 Resp: 2890155
Ion Ratio Lower Upper
172 100
171 36.5 28.8 43.2
170 24.7 19.8 29.8





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.416 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF129389.D

Acq: 27 Jul 2022 22:10

Instrument :

BNA_F

ClientSampleId :

MW-20

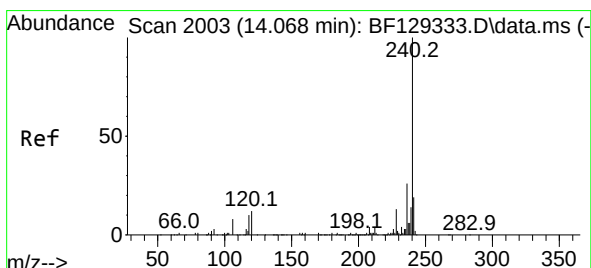
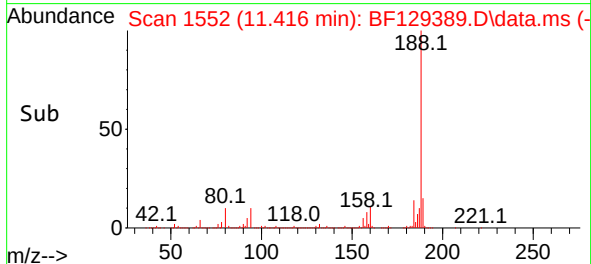
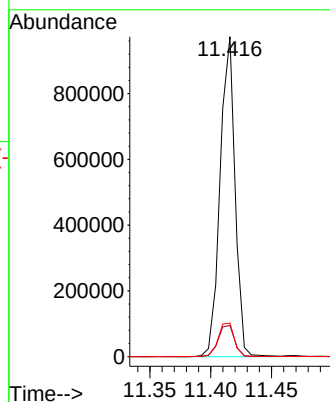
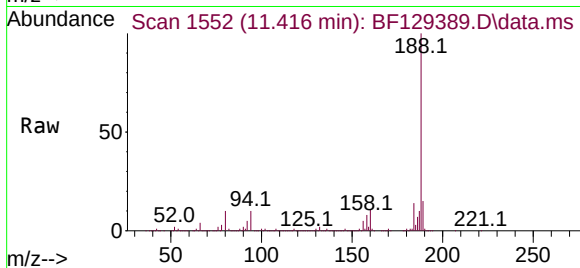
Tgt Ion:188 Resp: 831427

Ion Ratio Lower Upper

188 100

94 9.7 7.0 10.6

80 10.5 7.6 11.4



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.057 min Scan# 2001

Delta R.T. -0.012 min

Lab File: BF129389.D

Acq: 27 Jul 2022 22:10

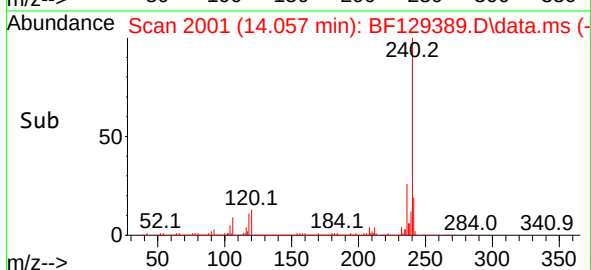
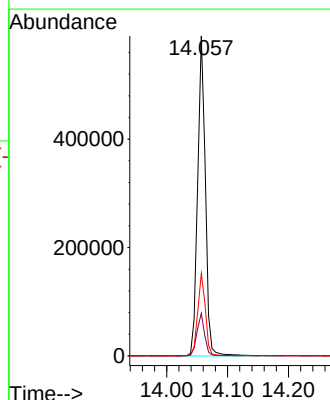
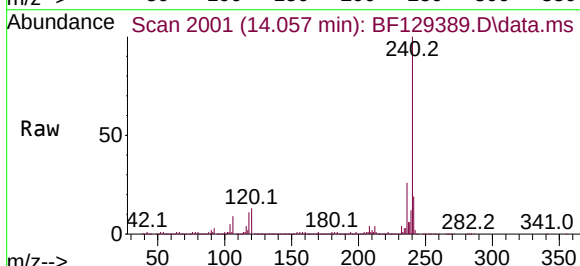
Tgt Ion:240 Resp: 524373

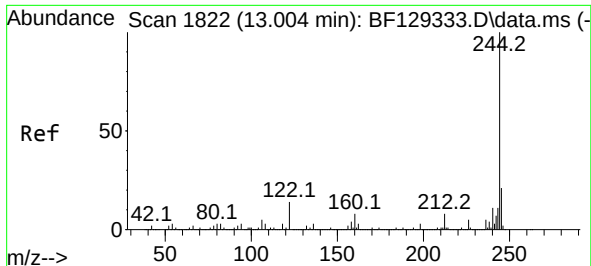
Ion Ratio Lower Upper

240 100

120 13.3 8.9 13.3

236 25.7 20.8 31.2

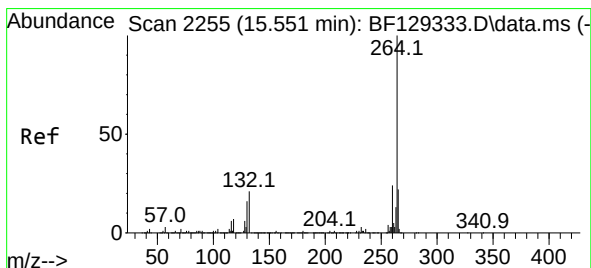
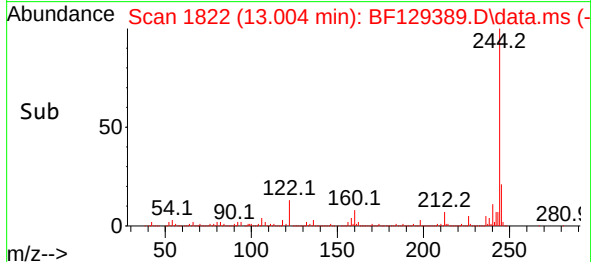
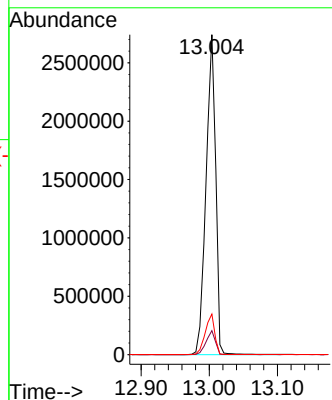
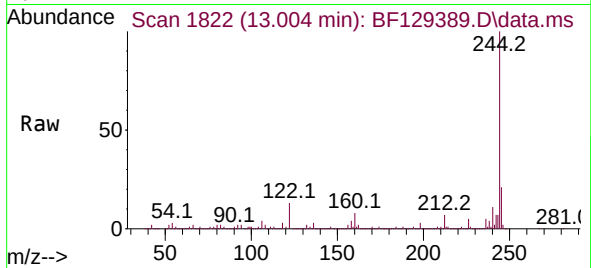




#79
 Terphenyl-d14
 Concen: 96.926 ng
 RT: 13.004 min Scan# 1822
 Delta R.T. 0.000 min
 Lab File: BF129389.D
 Acq: 27 Jul 2022 22:10

Instrument :
 BNA_F
 ClientSampleId :
 MW-20

Tgt Ion:244 Resp: 2694058
 Ion Ratio Lower Upper
 244 100
 212 7.5 6.1 9.1
 122 12.7 8.8 13.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.551 min Scan# 2255
 Delta R.T. 0.000 min
 Lab File: BF129389.D
 Acq: 27 Jul 2022 22:10

Tgt Ion:264 Resp: 431290
 Ion Ratio Lower Upper
 264 100
 260 23.3 18.4 27.6
 265 21.6 17.2 25.8

