

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082422\
 Data File : BF129989.D
 Acq On : 25 Aug 2022 01:03
 Operator : CG\JU
 Sample : N4244-08
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-103S

Quant Time: Aug 25 04:18:49 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 25 04:08:38 2022
 Response via : Initial Calibration

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

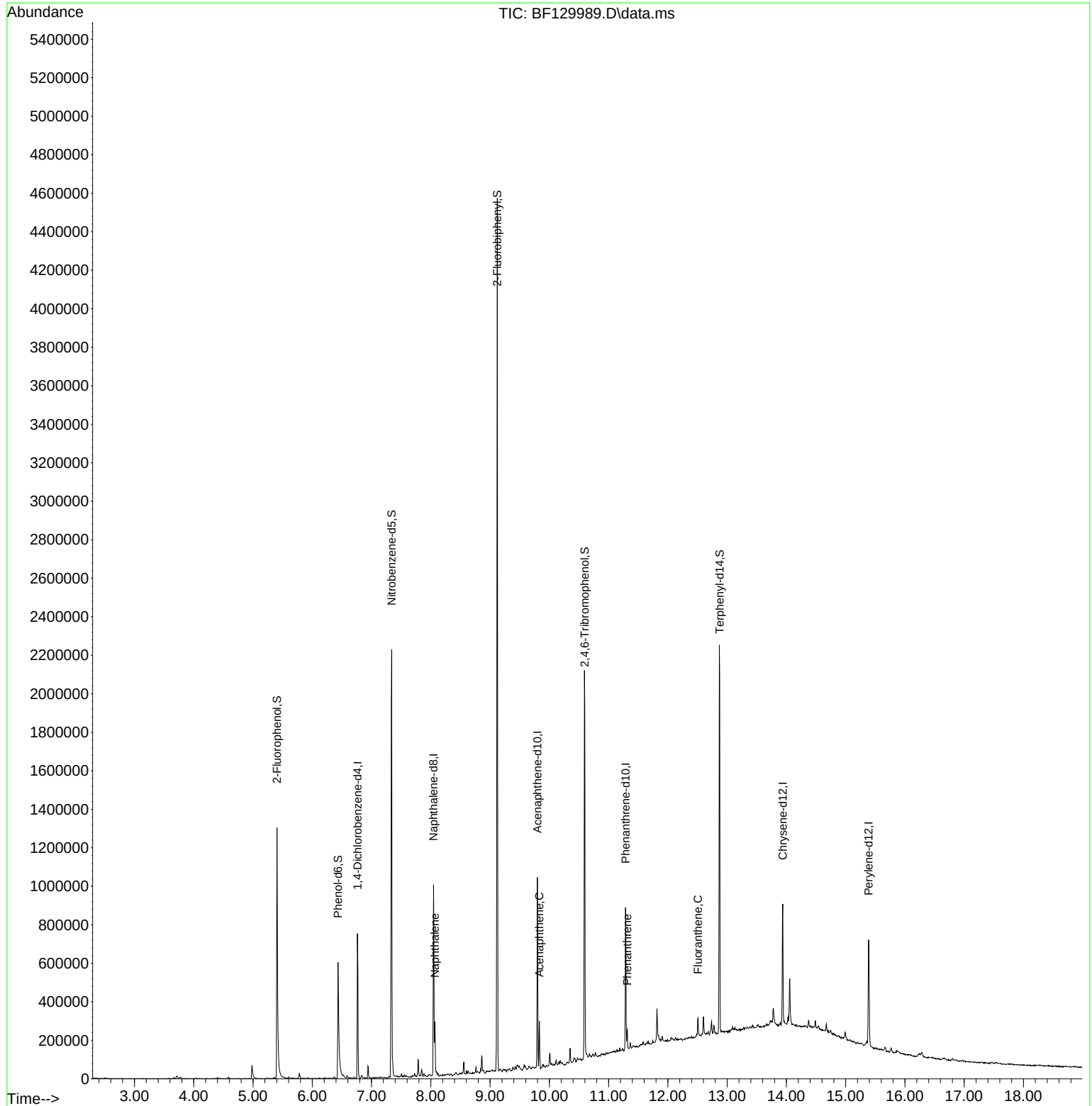
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.763	152	101586	20.000	ng	0.00
21) Naphthalene-d8	8.045	136	381953	20.000	ng	0.00
39) Acenaphthene-d10	9.798	164	176475	20.000	ng	0.00
64) Phenanthrene-d10	11.286	188	252669	20.000	ng	0.00
76) Chrysene-d12	13.939	240	210985	20.000	ng	0.00
86) Perylene-d12	15.386	264	249681	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.404	112	394246	64.256	ng	0.00
7) Phenol-d6	6.434	99	285869	37.206	ng	0.00
23) Nitrobenzene-d5	7.340	82	707876	99.211	ng	0.00
42) 2,4,6-Tribromophenol	10.598	330	237630	134.164	ng	0.00
45) 2-Fluorobiphenyl	9.122	172	1203489	103.576	ng	0.00
79) Terphenyl-d14	12.874	244	665457	52.481	ng	0.00
Target Compounds						
						Qvalue
31) Naphthalene	8.069	128	105383	5.277	ng	99
52) Acenaphthene	9.833	154	48625	4.982	ng	99
71) Phenanthrene	11.316	178	37613	2.665	ng	97
75) Fluoranthene	12.510	202	34628	2.398	ng	91

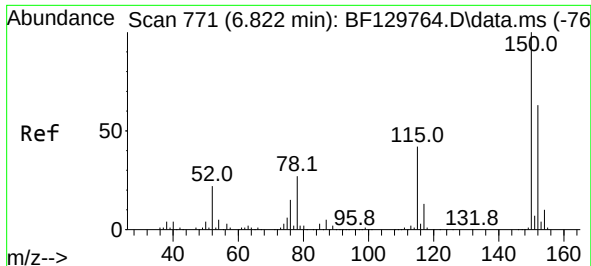
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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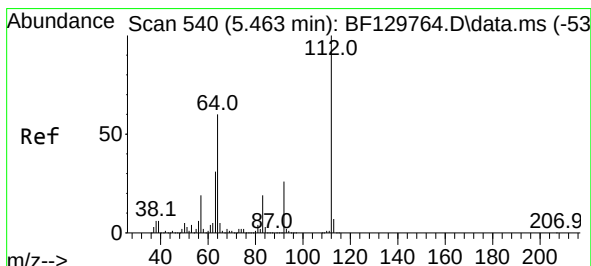
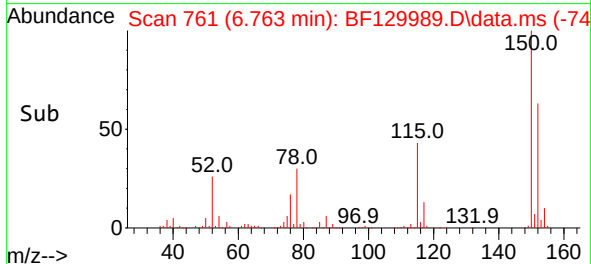
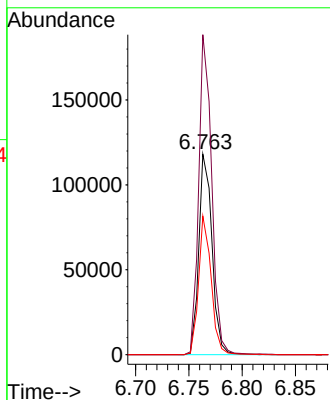
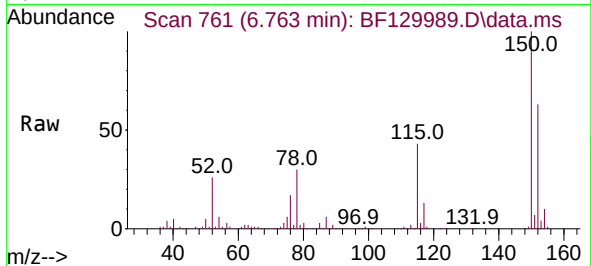




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.763 min Scan# 70
Delta R.T. -0.006 min
Lab File: BF129989.D
Acq: 25 Aug 2022 01:03

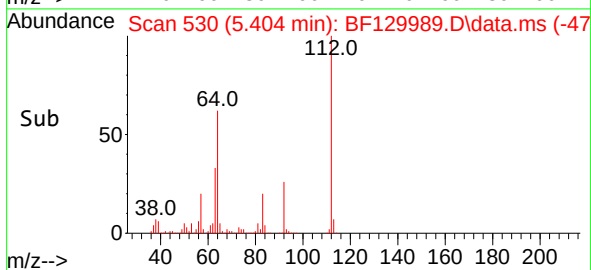
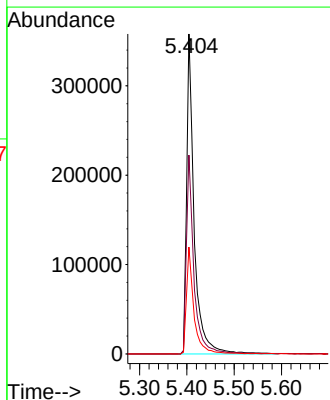
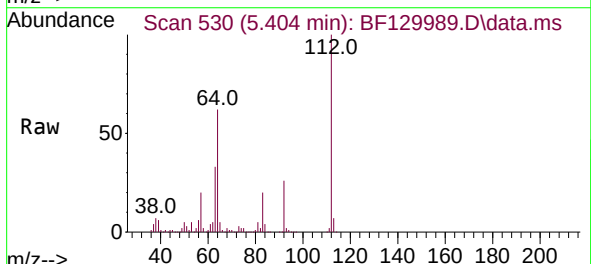
Instrument :
BNA_F
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MW-103S

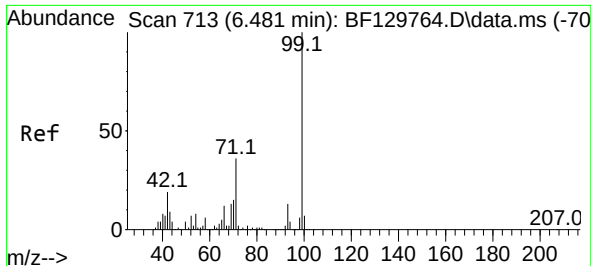
Tgt Ion:152 Resp: 101586
Ion Ratio Lower Upper
152 100
150 159.7 126.9 190.3
115 69.1 53.4 80.0



#5
2-Fluorophenol
Concen: 64.256 ng
RT: 5.404 min Scan# 530
Delta R.T. 0.000 min
Lab File: BF129989.D
Acq: 25 Aug 2022 01:03

Tgt Ion:112 Resp: 394246
Ion Ratio Lower Upper
112 100
64 62.1 47.6 71.4
63 33.4 24.6 37.0

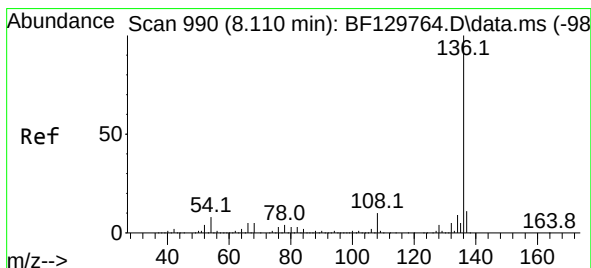
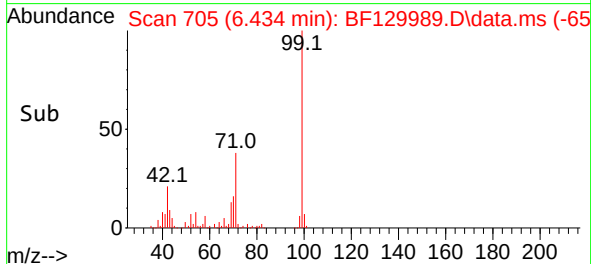
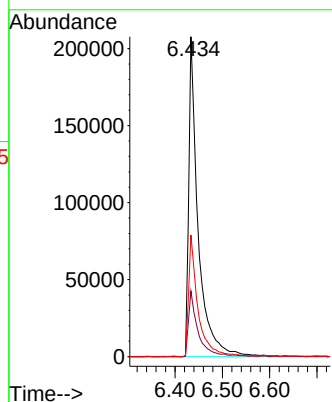
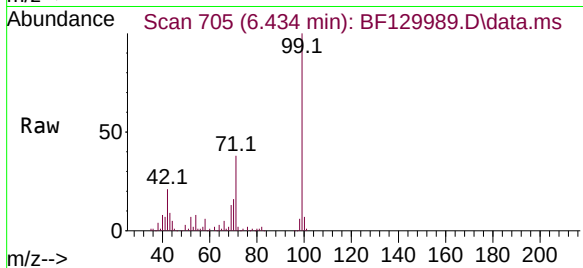




#7
Phenol-d6
Concen: 37.206 ng
RT: 6.434 min Scan# 70
Delta R.T. 0.006 min
Lab File: BF129989.D
Acq: 25 Aug 2022 01:03

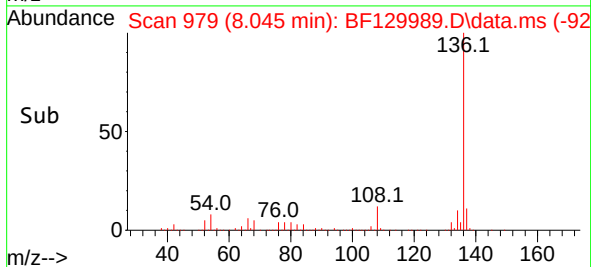
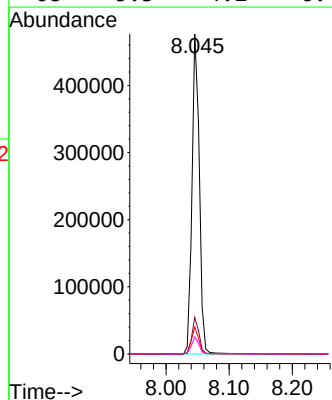
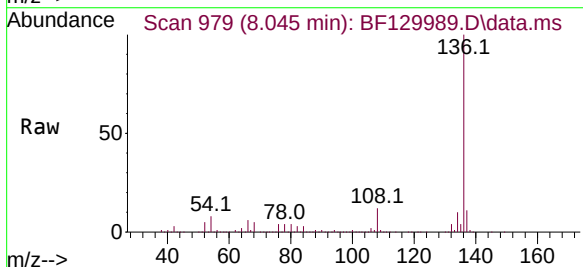
Instrument :
BNA_F
ClientSampleId :
MW-103S

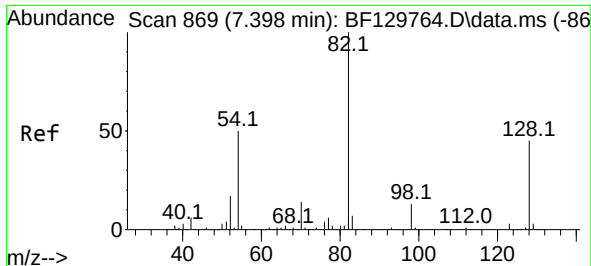
Tgt Ion: 99 Resp: 285869
Ion Ratio Lower Upper
99 100
42 20.5 15.0 22.4
71 38.0 28.8 43.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.045 min Scan# 979
Delta R.T. -0.006 min
Lab File: BF129989.D
Acq: 25 Aug 2022 01:03

Tgt Ion: 136 Resp: 381953
Ion Ratio Lower Upper
136 100
137 11.4 8.4 12.6
54 8.4 6.2 9.2
68 5.3 4.2 6.4





#23

Nitrobenzene-d5

Concen: 99.211 ng

RT: 7.340 min Scan# 81

Delta R.T. 0.000 min

Lab File: BF129989.D

Acq: 25 Aug 2022 01:03

Instrument :

BNA_F

ClientSampleId :

MW-103S

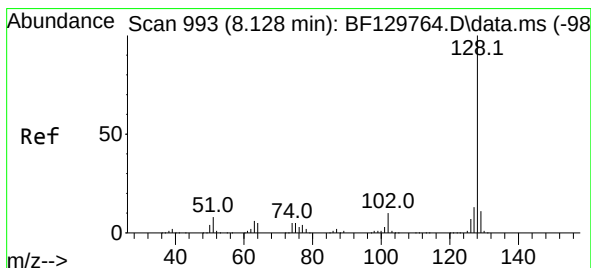
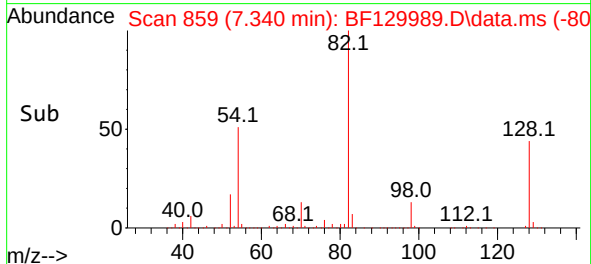
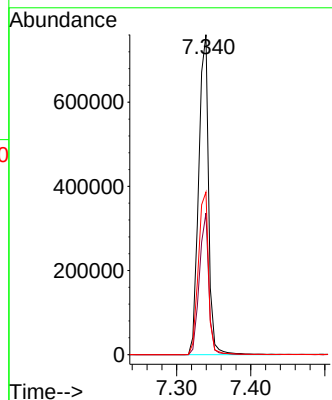
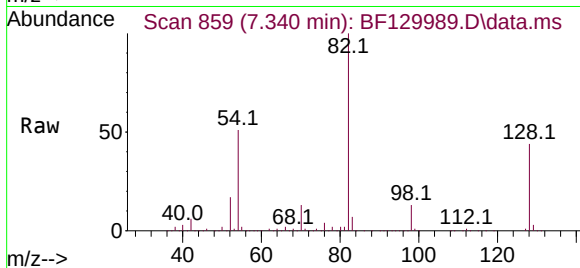
Tgt Ion: 82 Resp: 707876

Ion Ratio Lower Upper

82 100

128 44.2 36.1 54.1

54 50.8 40.0 60.0



#31

Naphthalene

Concen: 5.277 ng

RT: 8.069 min Scan# 983

Delta R.T. -0.006 min

Lab File: BF129989.D

Acq: 25 Aug 2022 01:03

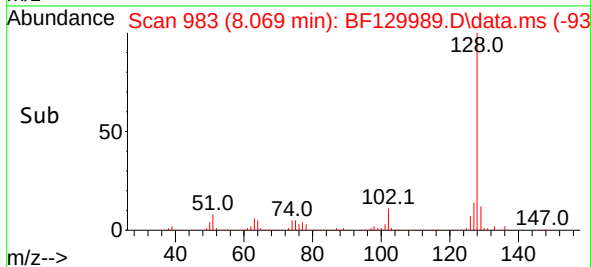
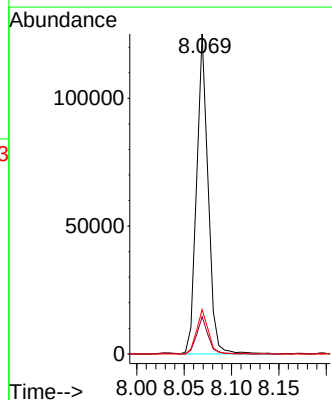
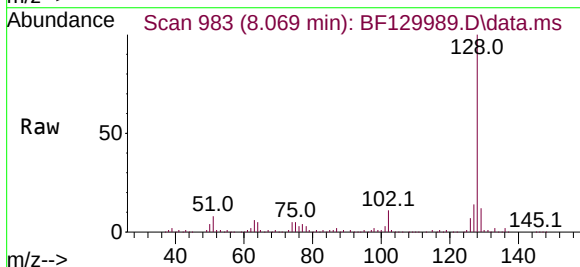
Tgt Ion:128 Resp: 105383

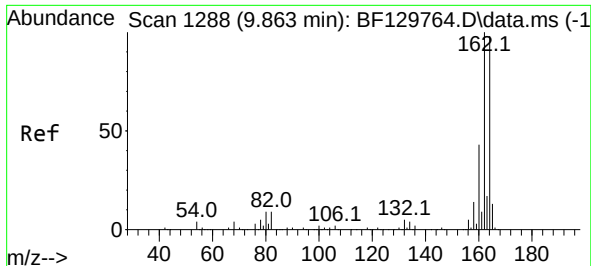
Ion Ratio Lower Upper

128 100

129 11.6 8.9 13.3

127 13.8 10.7 16.1

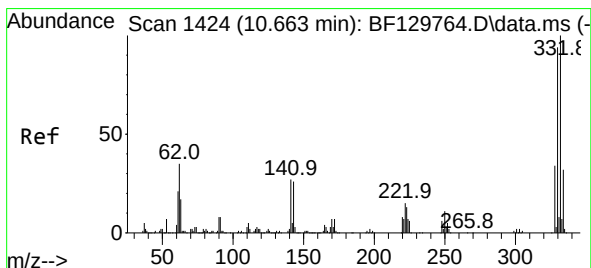
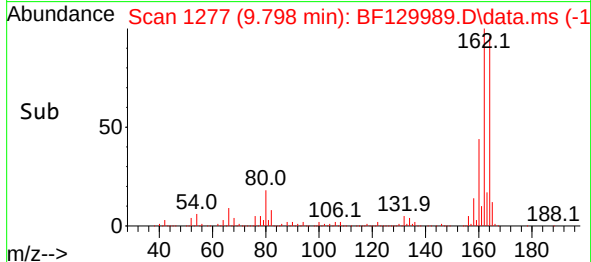
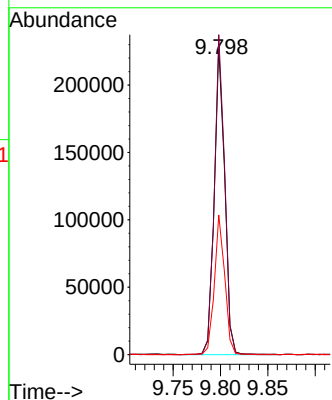
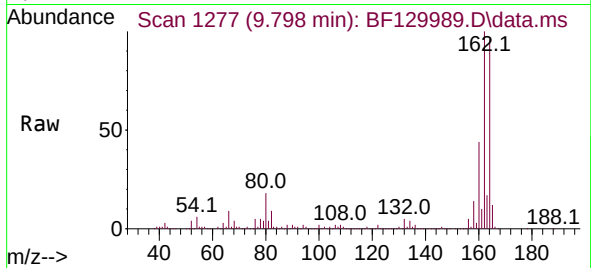




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.798 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF129989.D
Acq: 25 Aug 2022 01:03

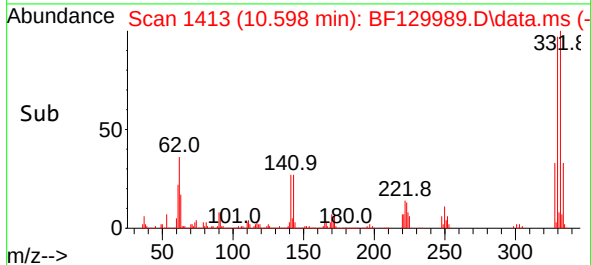
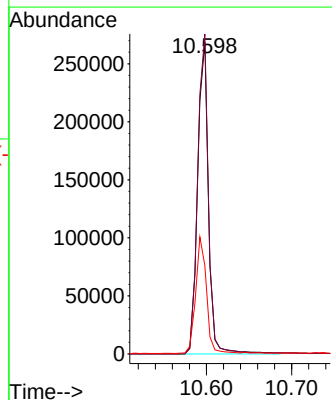
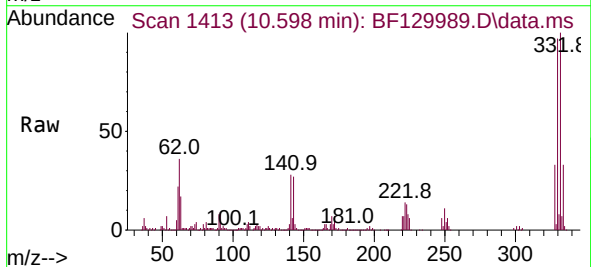
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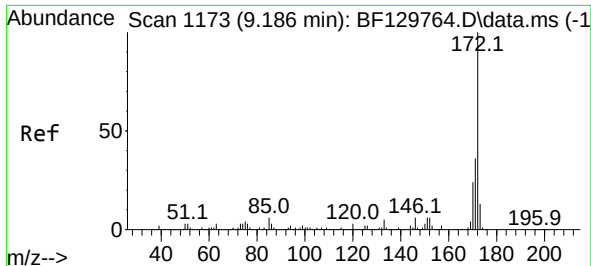
Tgt Ion:164 Resp: 176475
Ion Ratio Lower Upper
164 100
162 104.0 82.0 123.0
160 45.4 35.4 53.0



#42
2,4,6-Tribromophenol
Concen: 134.164 ng
RT: 10.598 min Scan# 1413
Delta R.T. -0.006 min
Lab File: BF129989.D
Acq: 25 Aug 2022 01:03

Tgt Ion:330 Resp: 237630
Ion Ratio Lower Upper
330 100
332 102.2 82.6 124.0
141 37.1 27.6 41.4





#45

2-Fluorobiphenyl

Concen: 103.576 ng

RT: 9.122 min Scan# 1173

Delta R.T. -0.006 min

Lab File: BF129989.D

Acq: 25 Aug 2022 01:03

Instrument :

BNA_F

ClientSampleId :

MW-103S

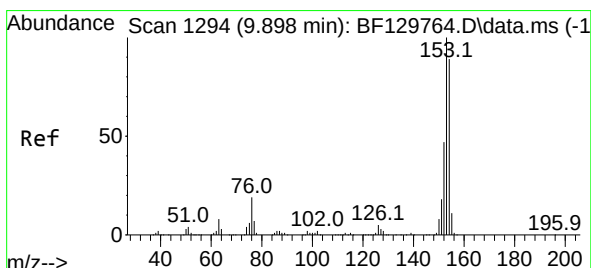
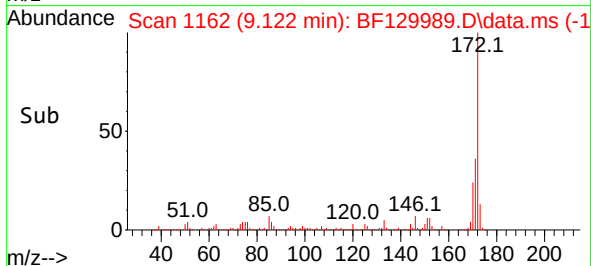
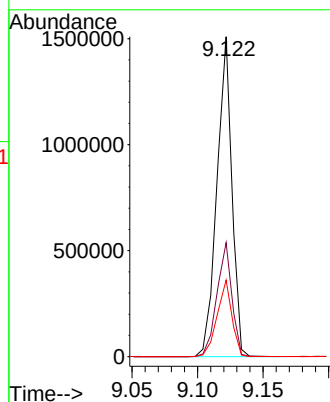
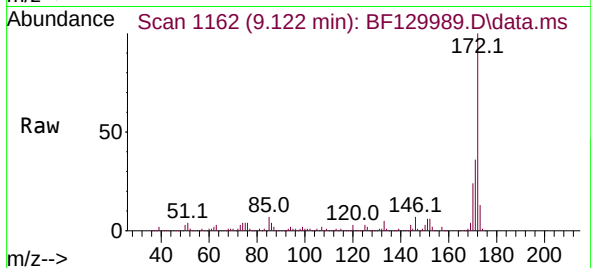
Tgt Ion:172 Resp: 1203489

Ion Ratio Lower Upper

172 100

171 35.6 28.4 42.6

170 24.0 19.1 28.7



#52

Acenaphthene

Concen: 4.982 ng

RT: 9.833 min Scan# 1283

Delta R.T. -0.006 min

Lab File: BF129989.D

Acq: 25 Aug 2022 01:03

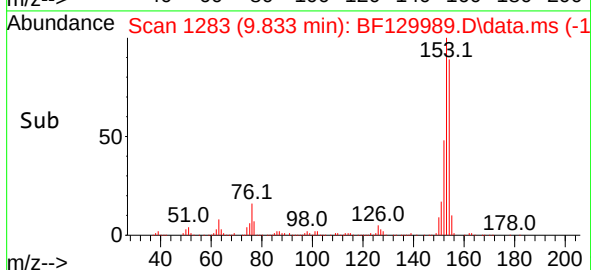
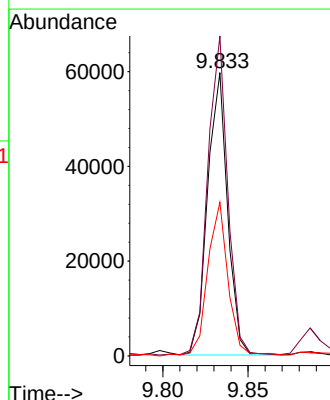
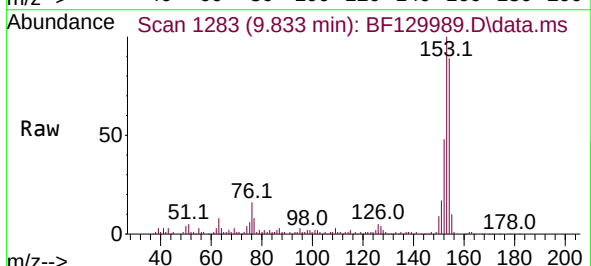
Tgt Ion:154 Resp: 48625

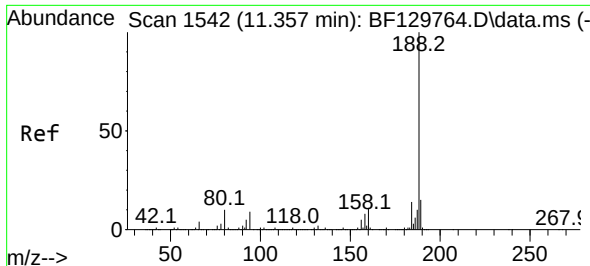
Ion Ratio Lower Upper

154 100

153 113.0 89.8 134.6

152 54.2 42.1 63.1

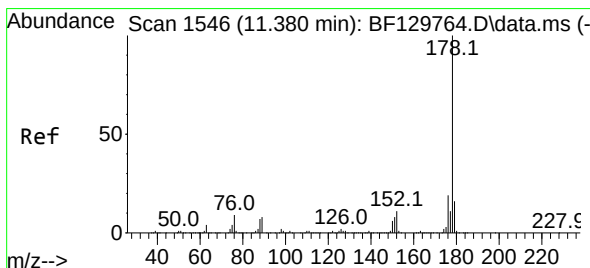
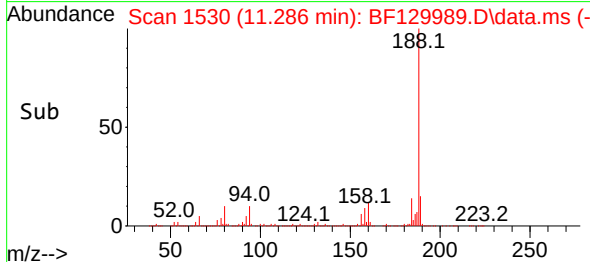
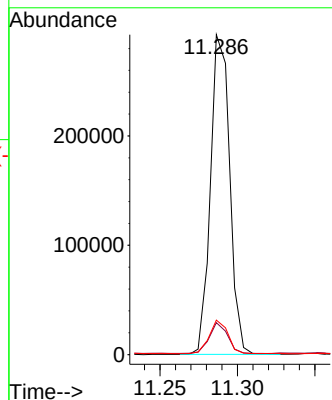
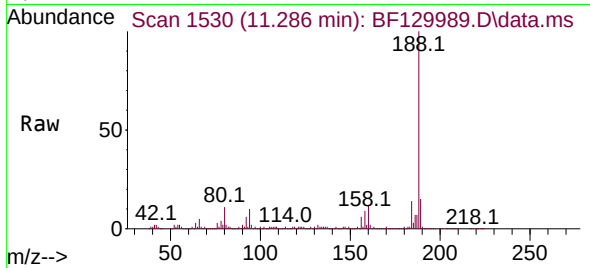




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.286 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF129989.D
Acq: 25 Aug 2022 01:03

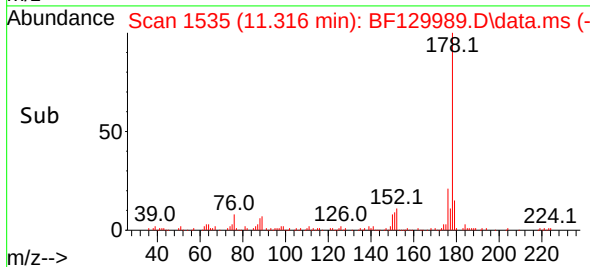
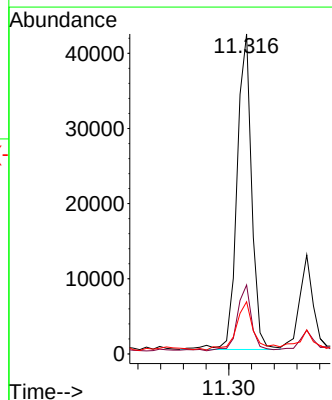
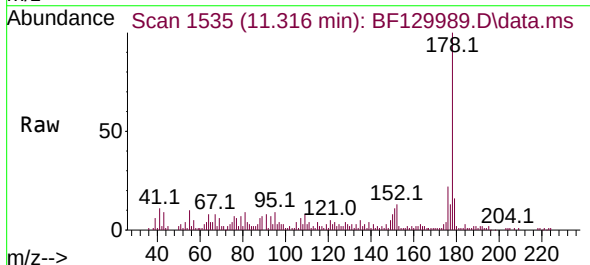
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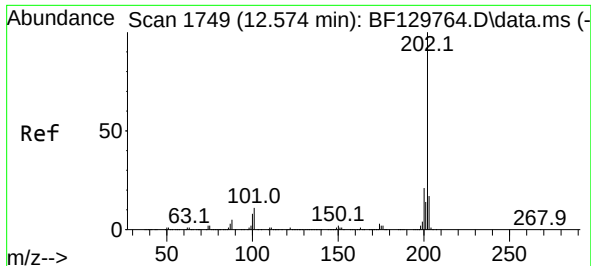
Tgt Ion:188 Resp: 252669
Ion Ratio Lower Upper
188 100
94 10.0 7.4 11.2
80 10.8 7.9 11.9



#71
Phenanthrene
Concen: 2.665 ng
RT: 11.316 min Scan# 1535
Delta R.T. -0.006 min
Lab File: BF129989.D
Acq: 25 Aug 2022 01:03

Tgt Ion:178 Resp: 37613
Ion Ratio Lower Upper
178 100
176 21.5 15.5 23.3
179 16.3 12.5 18.7

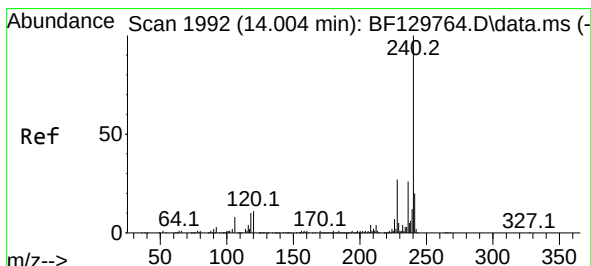
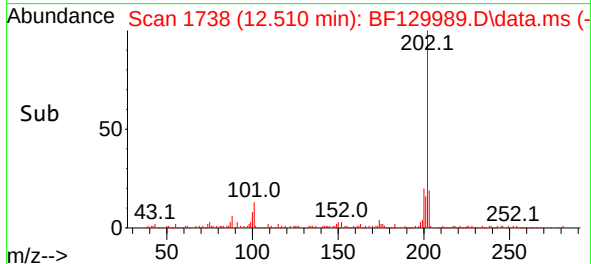
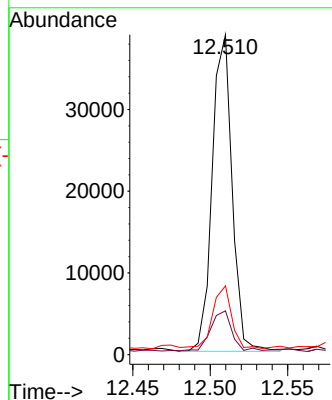
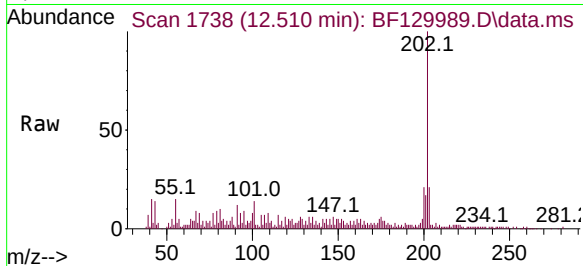




#75
Fluoranthene
Concen: 2.398 ng
RT: 12.510 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF129989.D
Acq: 25 Aug 2022 01:03

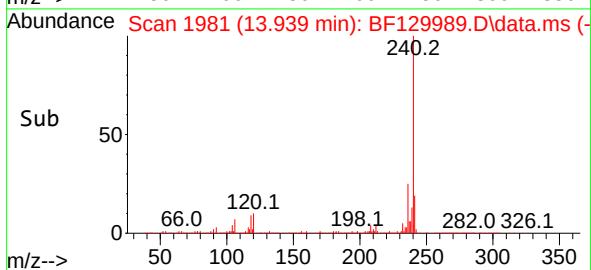
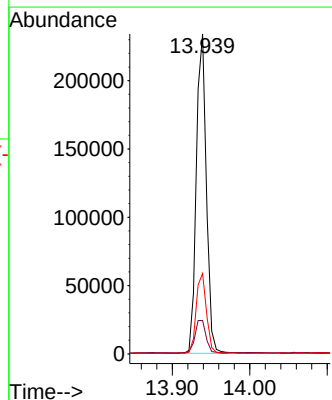
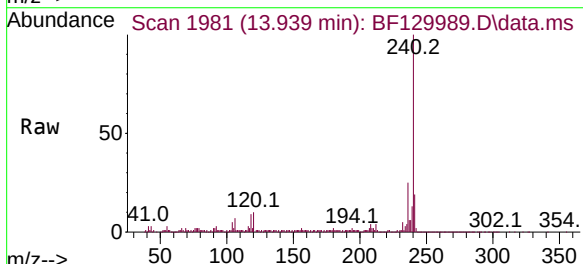
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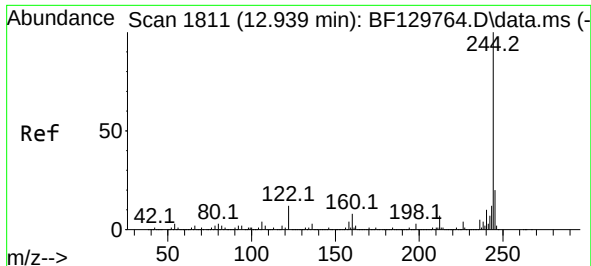
Tgt Ion:202 Resp: 34628
Ion Ratio Lower Upper
202 100
101 13.7 0.0 30.7
203 21.5 0.0 37.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.939 min Scan# 1981
Delta R.T. 0.000 min
Lab File: BF129989.D
Acq: 25 Aug 2022 01:03

Tgt Ion:240 Resp: 210985
Ion Ratio Lower Upper
240 100
120 10.4 9.2 13.8
236 25.1 20.7 31.1

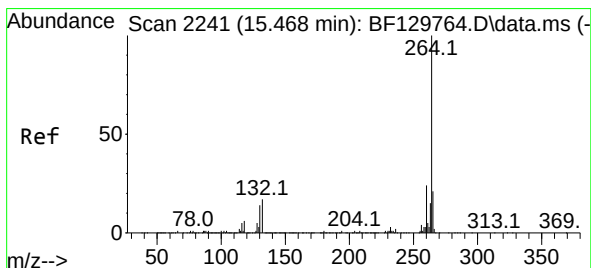
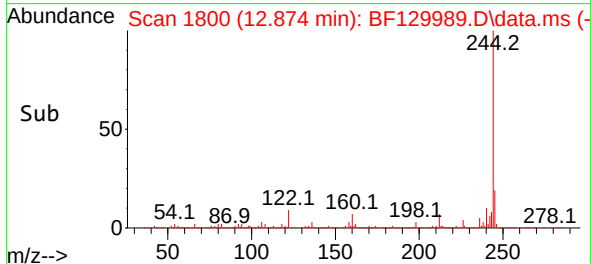
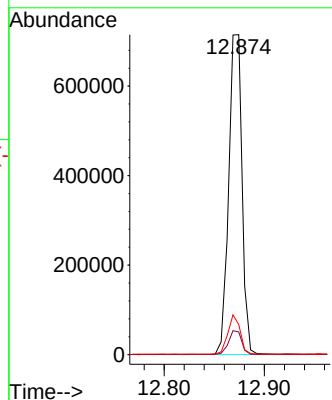
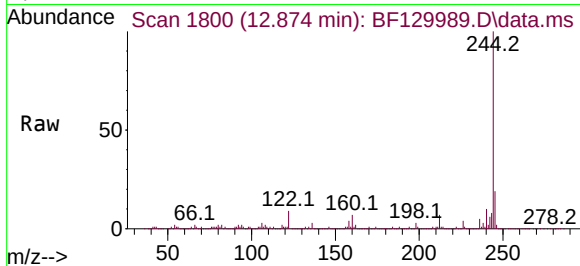




#79
 Terphenyl-d14
 Concen: 52.481 ng
 RT: 12.874 min Scan# 1811
 Delta R.T. 0.000 min
 Lab File: BF129989.D
 Acq: 25 Aug 2022 01:03

Instrument :
 BNA_F
 ClientSampleId :
 MW-103S

Tgt Ion:244 Resp: 665457
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.9 8.9
 122 9.4 9.9 14.9#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.386 min Scan# 2227
 Delta R.T. 0.000 min
 Lab File: BF129989.D
 Acq: 25 Aug 2022 01:03

Tgt Ion:264 Resp: 249681
 Ion Ratio Lower Upper
 264 100
 260 24.4 19.1 28.7
 265 21.8 16.7 25.1

