

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082422\
 Data File : BF129986.D
 Acq On : 24 Aug 2022 23:18
 Operator : CG\JU
 Sample : N4262-05
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-101I

Quant Time: Aug 25 04:17:16 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)

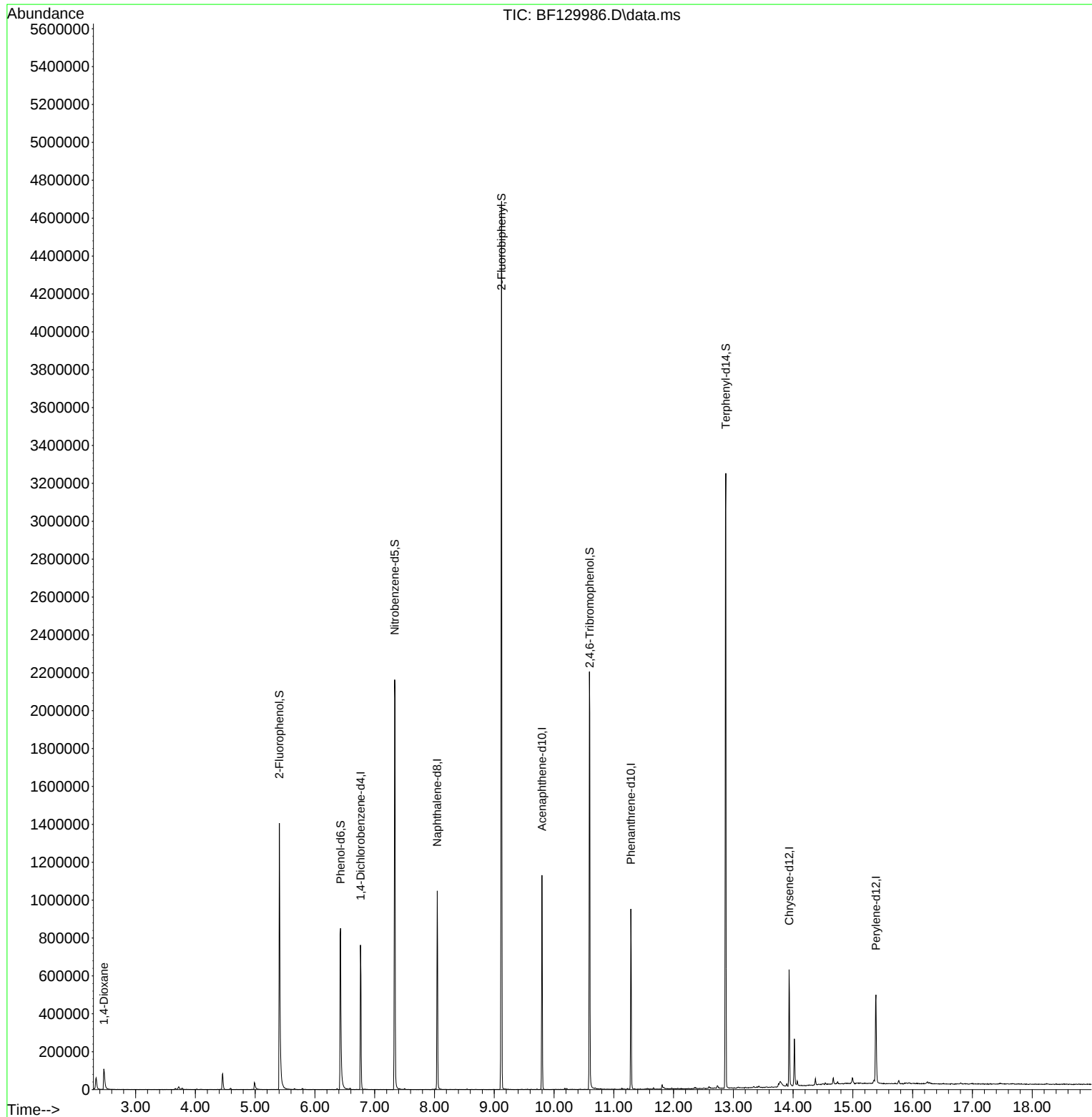
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.763	152	107077	20.000	ng	0.00
21) Naphthalene-d8	8.045	136	421101	20.000	ng	0.00
39) Acenaphthene-d10	9.798	164	205213	20.000	ng	0.00
64) Phenanthrene-d10	11.286	188	317925	20.000	ng	0.00
76) Chrysene-d12	13.933	240	195101	20.000	ng	0.00
86) Perylene-d12	15.386	264	204538	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.404	112	424292	65.607	ng	0.00
7) Phenol-d6	6.428	99	341702	42.192	ng	0.00
23) Nitrobenzene-d5	7.334	82	732720	93.146	ng	0.00
42) 2,4,6-Tribromophenol	10.598	330	249186	120.986	ng	0.00
45) 2-Fluorobiphenyl	9.122	172	1291565	95.590	ng	0.00
79) Terphenyl-d14	12.874	244	1091140	93.059	ng	0.00
Target Compounds						
2) 1,4-Dioxane	2.469	88	55900	20.951	ng	Qvalue # 92

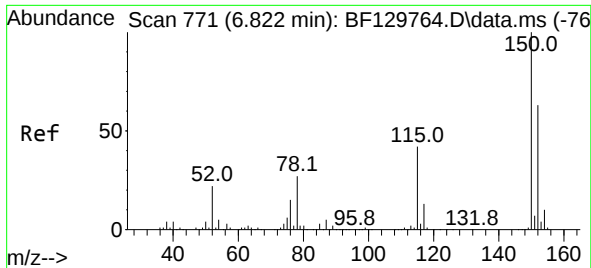
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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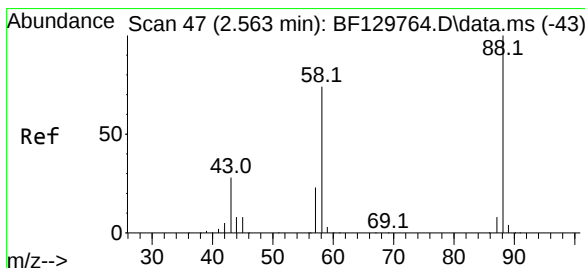
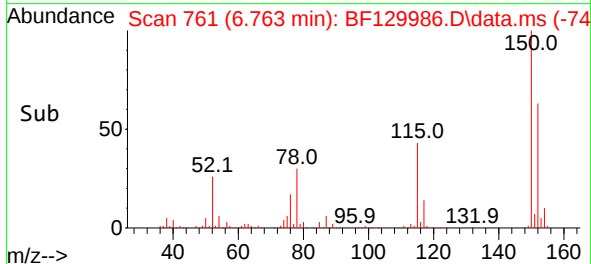
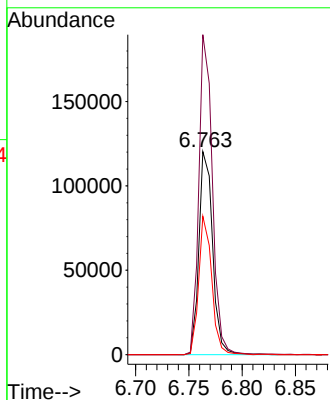
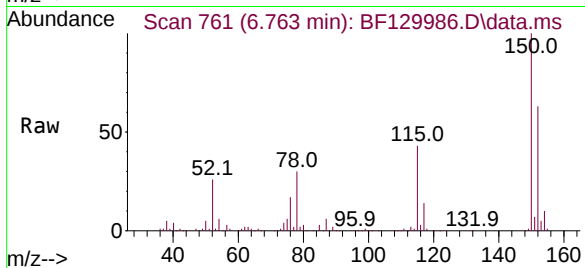




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.763 min Scan# 70
 Delta R.T. -0.006 min
 Lab File: BF129986.D
 Acq: 24 Aug 2022 23:18

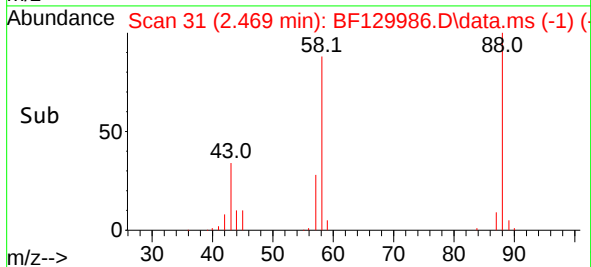
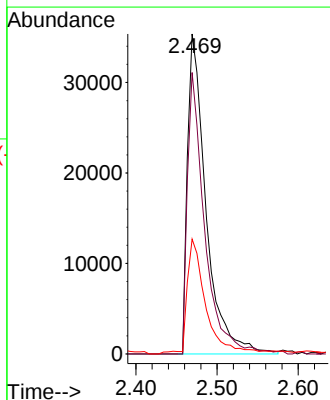
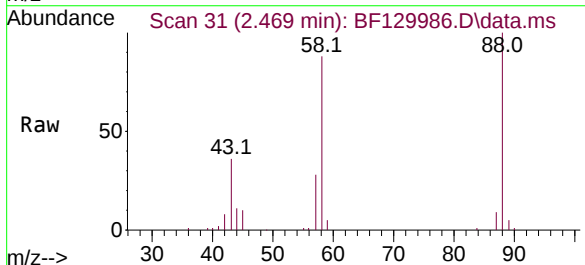
Instrument :
 BNA_F
 ClientSampleId :
 MW-101I

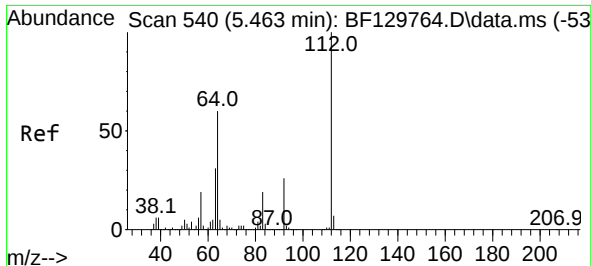
Tgt Ion:152 Resp: 107077
 Ion Ratio Lower Upper
 152 100
 150 157.6 126.9 190.3
 115 68.1 53.4 80.0



#2
 1,4-Dioxane
 Concen: 20.951 ng
 RT: 2.469 min Scan# 31
 Delta R.T. 0.024 min
 Lab File: BF129986.D
 Acq: 24 Aug 2022 23:18

Tgt Ion: 88 Resp: 55900
 Ion Ratio Lower Upper
 88 100
 58 81.8 60.9 91.3
 43 36.2 23.6 35.4#

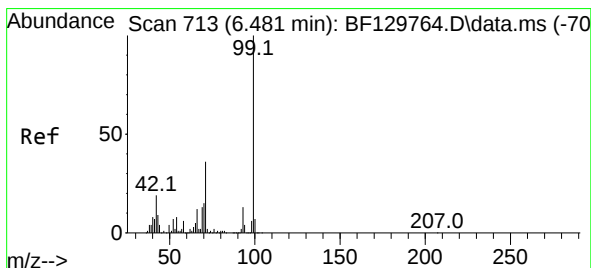
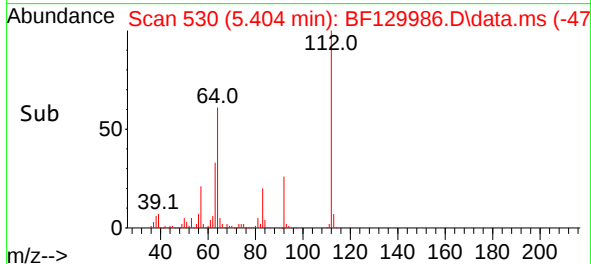
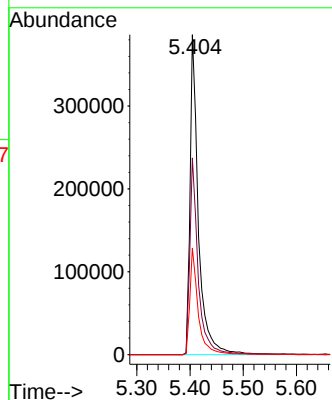
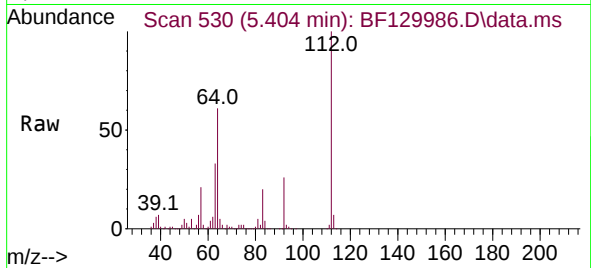




#5
 2-Fluorophenol
 Concen: 65.607 ng
 RT: 5.404 min Scan# 51
 Delta R.T. 0.000 min
 Lab File: BF129986.D
 Acq: 24 Aug 2022 23:18

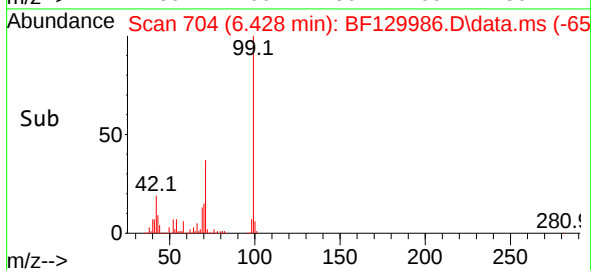
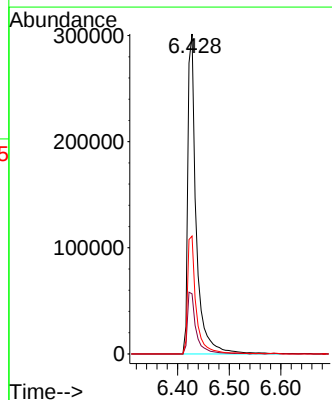
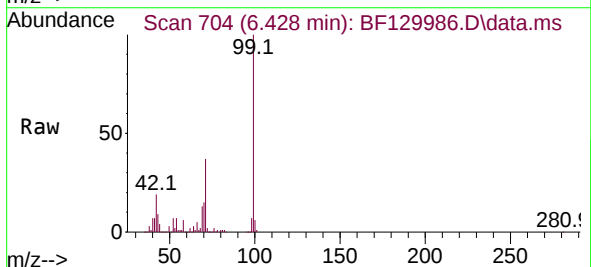
Instrument :
 BNA_F
 ClientSampleId :
 MW-101I

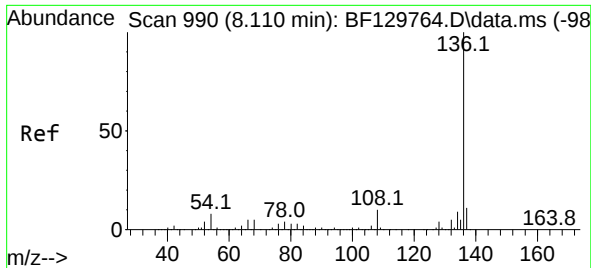
Tgt Ion:112 Resp: 424292
 Ion Ratio Lower Upper
 112 100
 64 61.5 47.6 71.4
 63 33.3 24.6 37.0



#7
 Phenol-d6
 Concen: 42.192 ng
 RT: 6.428 min Scan# 704
 Delta R.T. 0.000 min
 Lab File: BF129986.D
 Acq: 24 Aug 2022 23:18

Tgt Ion: 99 Resp: 341702
 Ion Ratio Lower Upper
 99 100
 42 18.8 15.0 22.4
 71 36.9 28.8 43.2



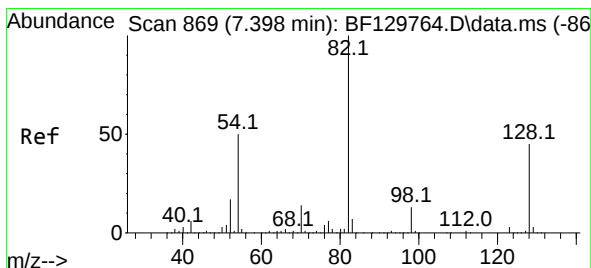
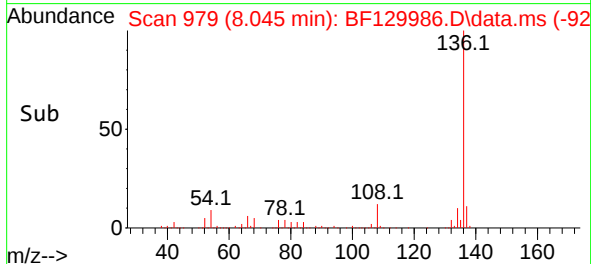
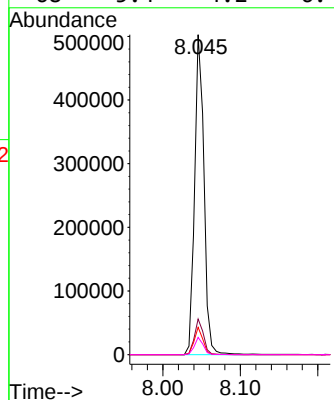
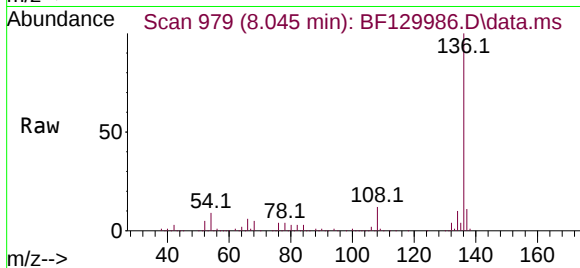


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.045 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF129986.D
Acq: 24 Aug 2022 23:18

Instrument :
BNA_F
ClientSampleId :
MW-101I

Tgt Ion:136 Resp: 421101

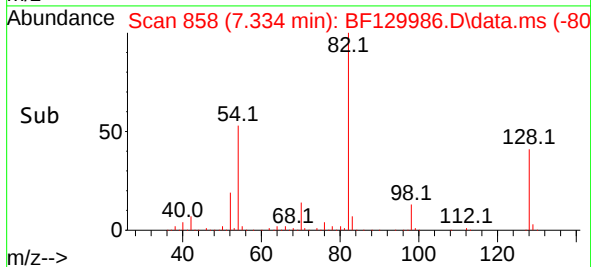
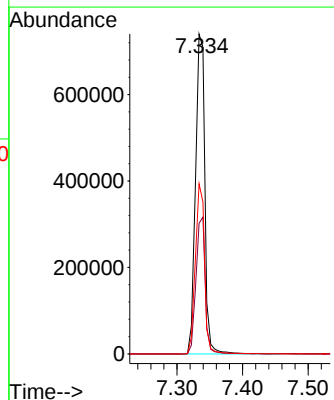
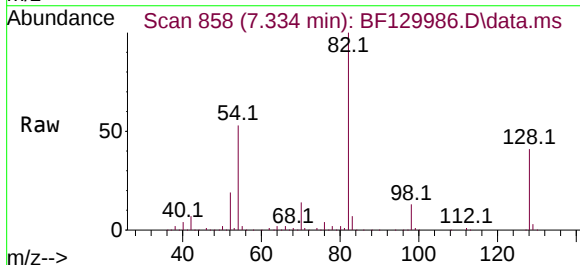
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.4	12.6
54	8.5	6.2	9.2
68	5.4	4.2	6.4

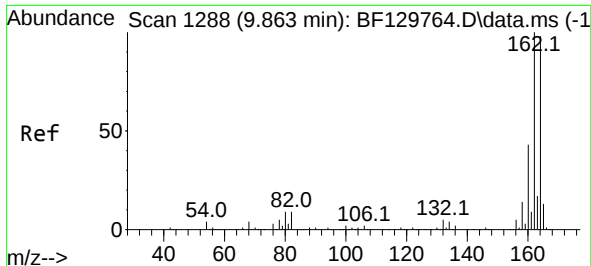


#23
Nitrobenzene-d5
Concen: 93.146 ng
RT: 7.334 min Scan# 858
Delta R.T. -0.006 min
Lab File: BF129986.D
Acq: 24 Aug 2022 23:18

Tgt Ion: 82 Resp: 732720

Ion	Ratio	Lower	Upper
82	100		
128	40.8	36.1	54.1
54	53.2	40.0	60.0

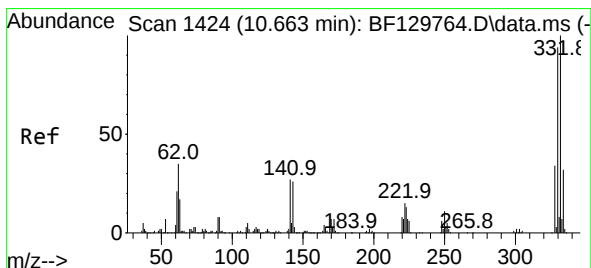
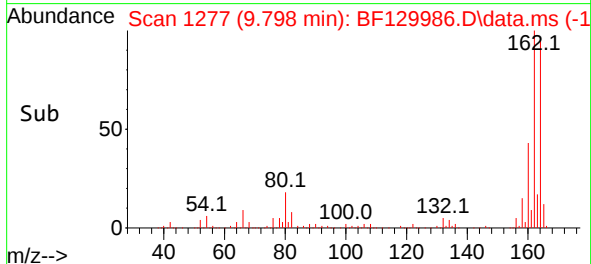
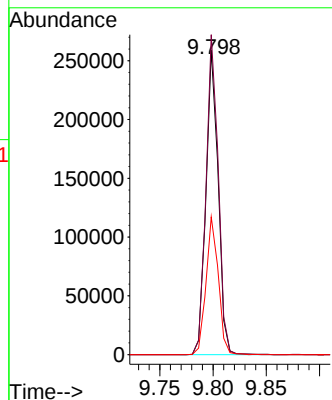
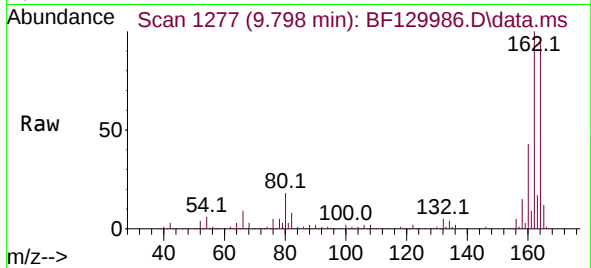




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.798 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF129986.D
Acq: 24 Aug 2022 23:18

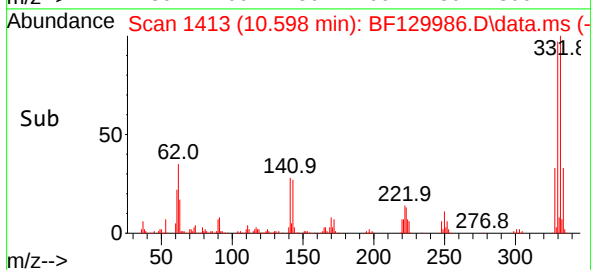
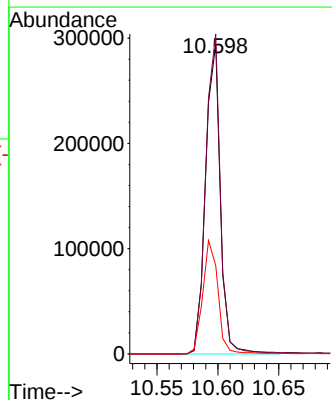
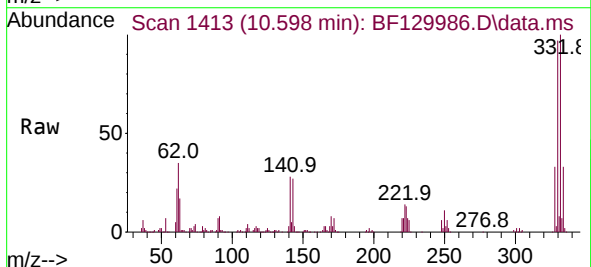
Instrument :
BNA_F
ClientSampleId :
MW-101I

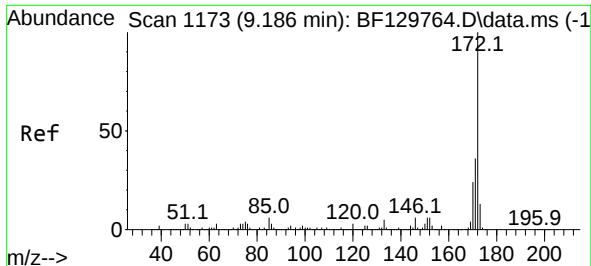
Tgt Ion:164 Resp: 205213
Ion Ratio Lower Upper
164 100
162 105.2 82.0 123.0
160 45.2 35.4 53.0



#42
2,4,6-Tribromophenol
Concen: 120.986 ng
RT: 10.598 min Scan# 1413
Delta R.T. -0.006 min
Lab File: BF129986.D
Acq: 24 Aug 2022 23:18

Tgt Ion:330 Resp: 249186
Ion Ratio Lower Upper
330 100
332 102.9 82.6 124.0
141 37.7 27.6 41.4





#45

2-Fluorobiphenyl

Concen: 95.590 ng

RT: 9.122 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF129986.D

Acq: 24 Aug 2022 23:18

Instrument :

BNA_F

ClientSampleId :

MW-101I

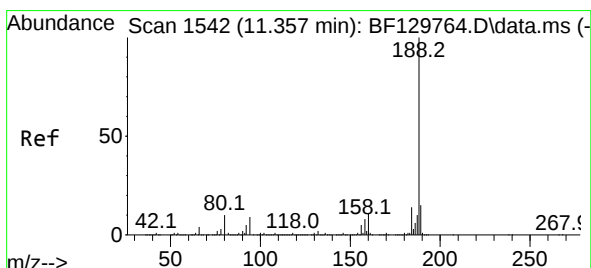
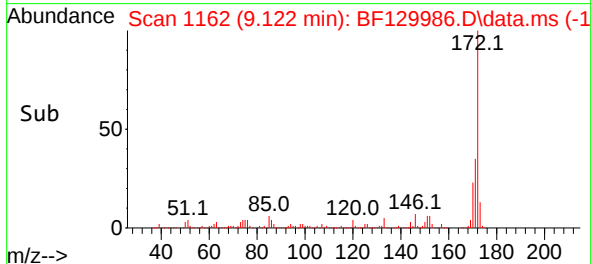
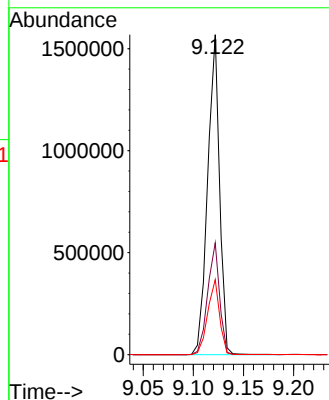
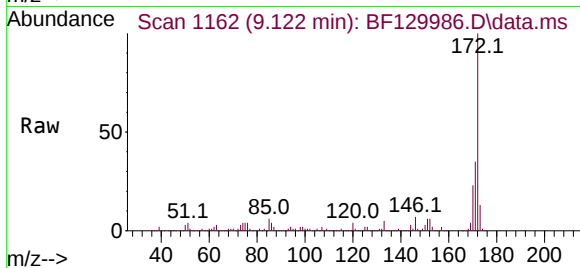
Tgt Ion:172 Resp: 1291565

Ion Ratio Lower Upper

172 100

171 35.0 28.4 42.6

170 23.4 19.1 28.7



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.286 min Scan# 1530

Delta R.T. -0.006 min

Lab File: BF129986.D

Acq: 24 Aug 2022 23:18

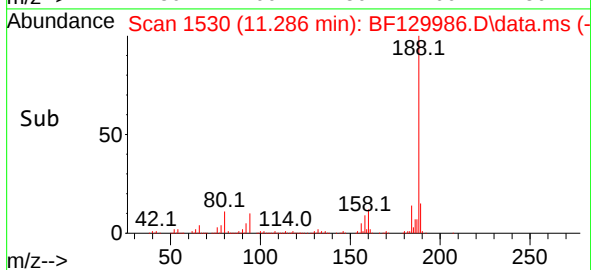
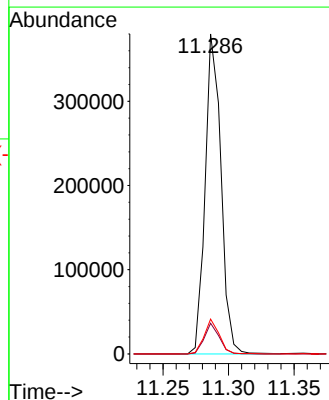
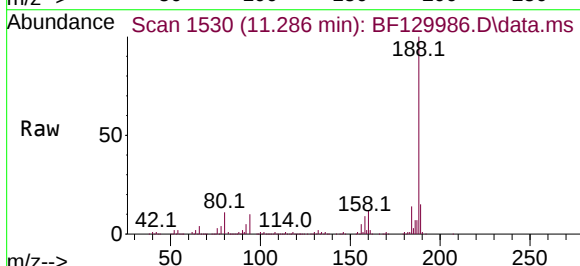
Tgt Ion:188 Resp: 317925

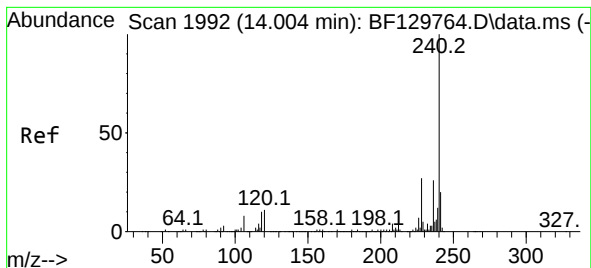
Ion Ratio Lower Upper

188 100

94 9.6 7.4 11.2

80 10.9 7.9 11.9





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.933 min Scan# 19

Delta R.T. -0.006 min

Lab File: BF129986.D

Acq: 24 Aug 2022 23:18

Instrument :

BNA_F

ClientSampleId :

MW-101I

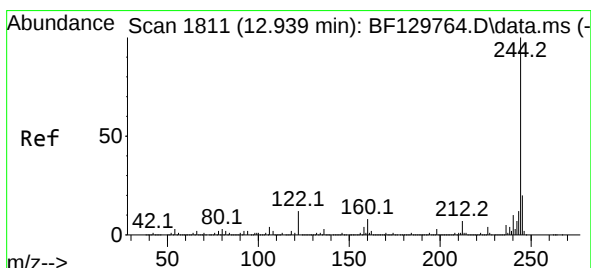
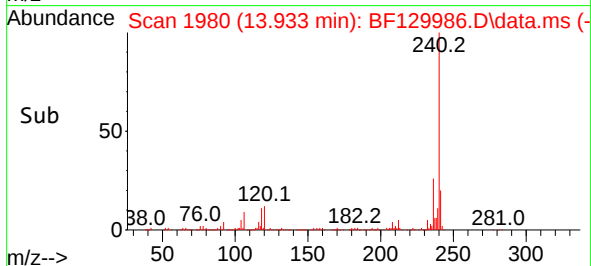
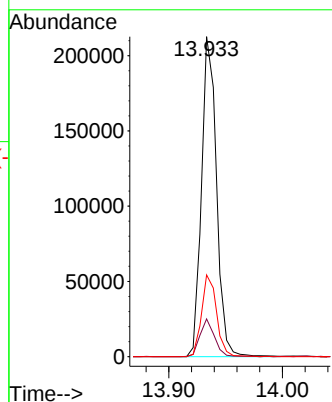
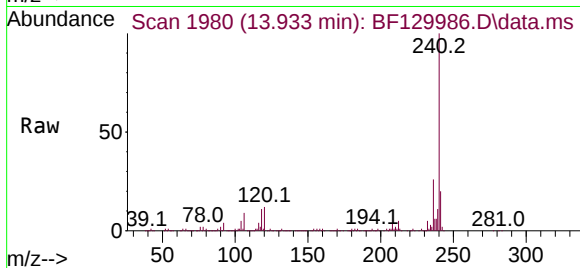
Tgt Ion:240 Resp: 195101

Ion Ratio Lower Upper

240 100

120 11.8 9.2 13.8

236 25.5 20.7 31.1



#79

Terphenyl-d14

Concen: 93.059 ng

RT: 12.874 min Scan# 1800

Delta R.T. 0.000 min

Lab File: BF129986.D

Acq: 24 Aug 2022 23:18

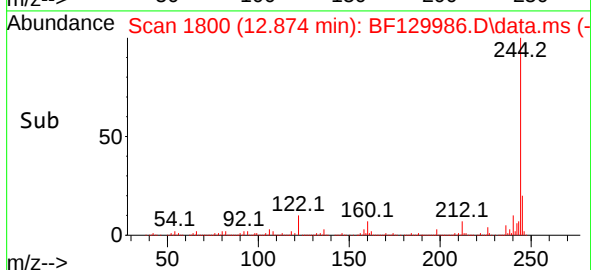
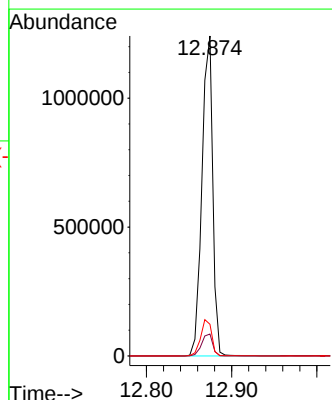
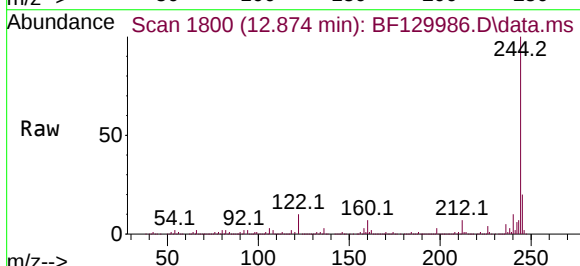
Tgt Ion:244 Resp: 1091140

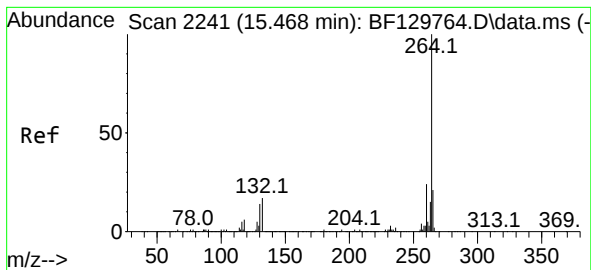
Ion Ratio Lower Upper

244 100

212 6.8 5.9 8.9

122 9.9 9.9 14.9#





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.386 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF129986.D

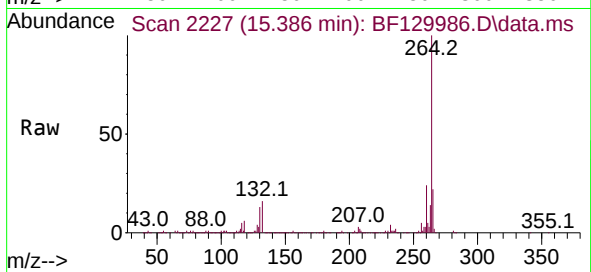
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Tgt Ion:264 Resp: 204538

Ion Ratio Lower Upper

264 100

260 23.7 19.1 28.7

265 21.9 16.7 25.1

