

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081622\
 Data File : BF129823.D
 Acq On : 16 Aug 2022 21:50
 Operator : CG\JU
 Sample : N4188-07
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S8

Quant Time: Aug 17 02:39:02 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 15 02:28:31 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.822	152	143799	20.000	ng	0.00
21) Naphthalene-d8	8.104	136	572261	20.000	ng	0.00
39) Acenaphthene-d10	9.857	164	297057	20.000	ng	0.00
64) Phenanthrene-d10	11.345	188	475958	20.000	ng	-0.01
76) Chrysene-d12	13.998	240	241935	20.000	ng	0.00
86) Perylene-d12	15.468	264	277142	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.463	112	1042340	120.015	ng	0.00
7) Phenol-d6	6.475	99	1317843	121.168	ng	0.00
23) Nitrobenzene-d5	7.387	82	847096	79.241	ng	-0.01
42) 2,4,6-Tribromophenol	10.657	330	339151	113.755	ng	0.00
45) 2-Fluorobiphenyl	9.181	172	1509376	77.172	ng	0.00
79) Terphenyl-d14	12.933	244	1200029	82.533	ng	0.00

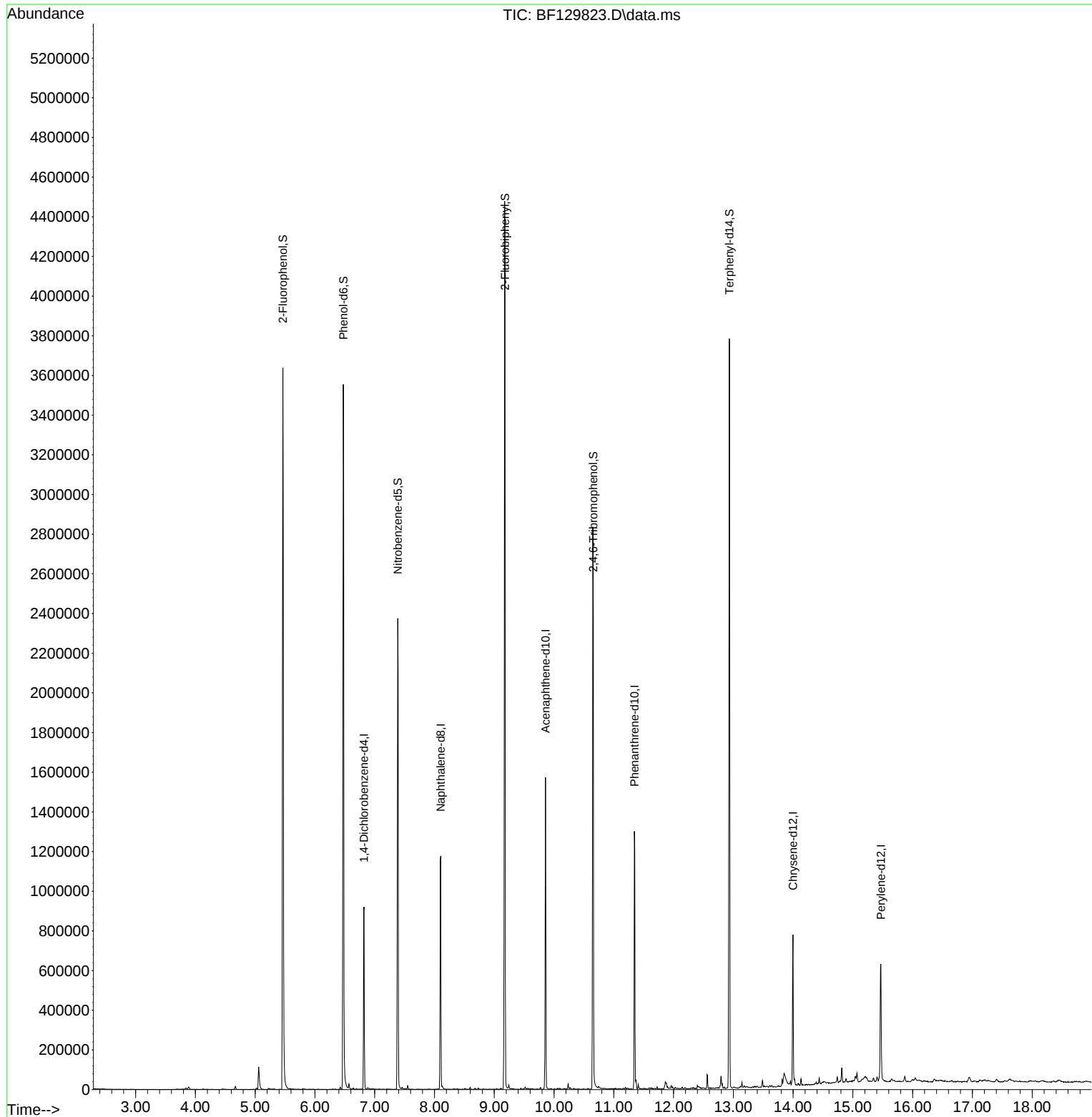
Target Compounds	Qvalue

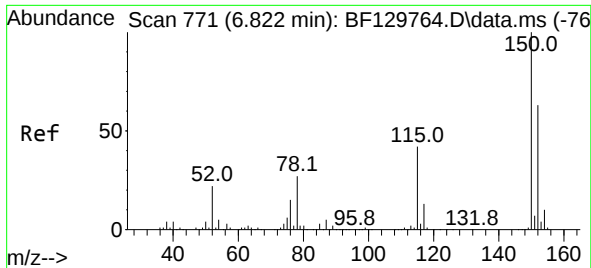
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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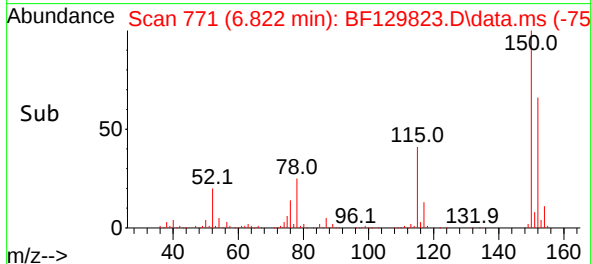
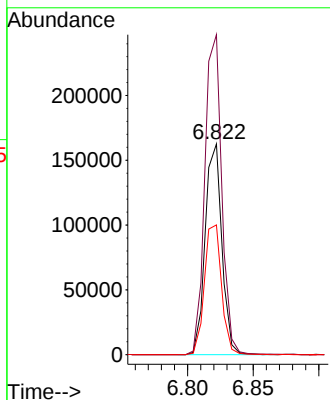
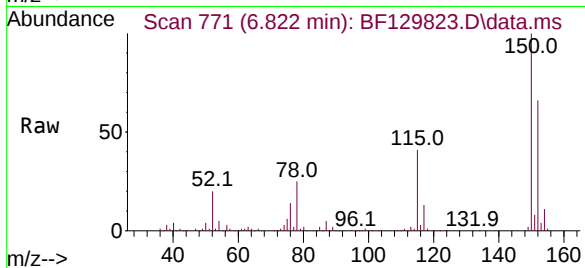




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.822 min Scan# 771
Delta R.T. -0.000 min
Lab File: BF129823.D
Acq: 16 Aug 2022 21:50

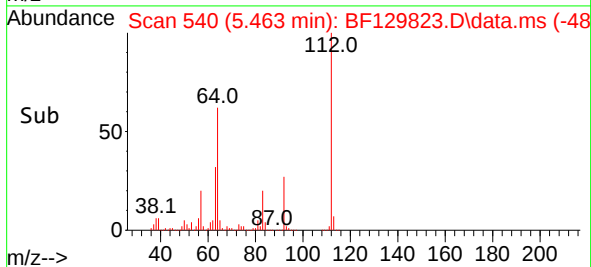
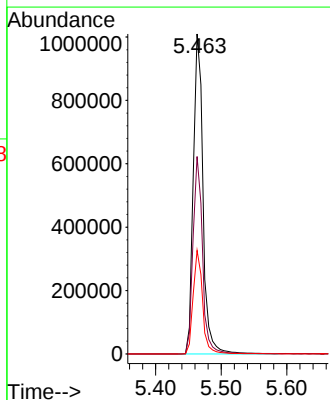
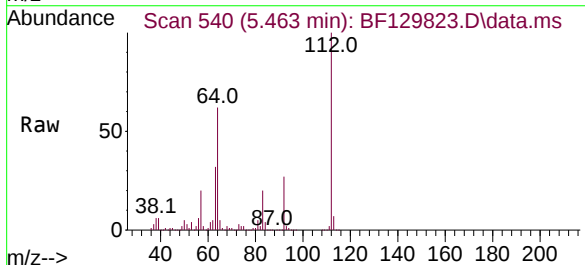
Instrument :
BNA_F
ClientSampleId :
S8

Tgt Ion:152 Resp: 143799
Ion Ratio Lower Upper
152 100
150 151.9 126.9 190.3
115 61.5 53.4 80.0



#5
2-Fluorophenol
Concen: 120.015 ng
RT: 5.463 min Scan# 540
Delta R.T. 0.000 min
Lab File: BF129823.D
Acq: 16 Aug 2022 21:50

Tgt Ion:112 Resp: 1042340
Ion Ratio Lower Upper
112 100
64 61.7 47.6 71.4
63 32.3 24.6 37.0

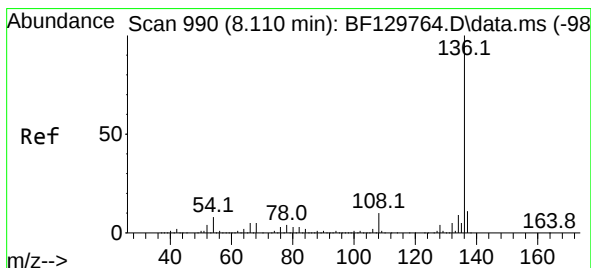
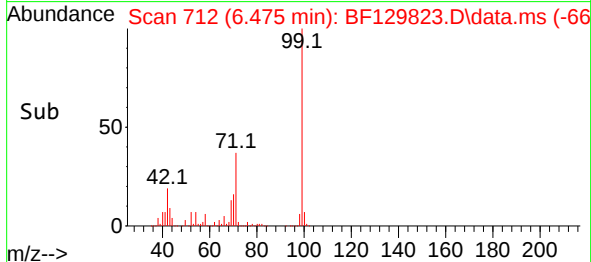
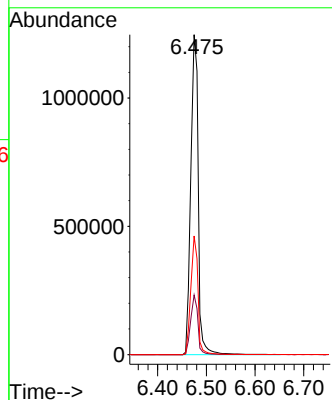
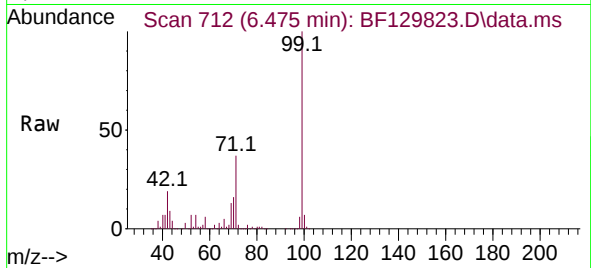




#7
Phenol-d6
Concen: 121.168 ng
RT: 6.475 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF129823.D
Acq: 16 Aug 2022 21:50

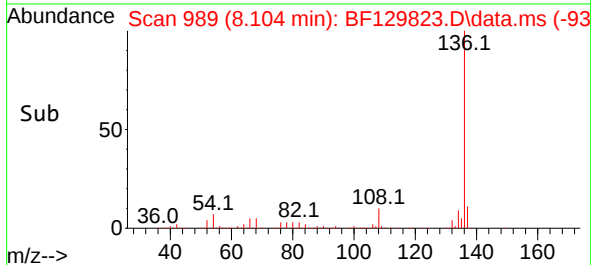
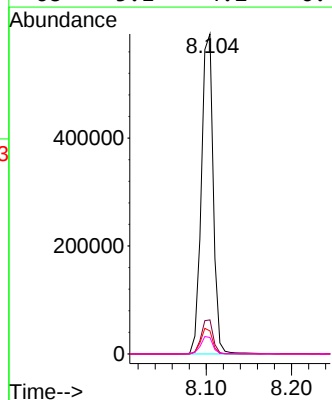
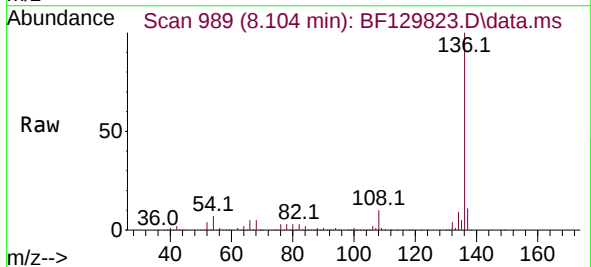
Instrument :
BNA_F
ClientSampleId :
S8

Tgt Ion: 99 Resp: 1317843
Ion Ratio Lower Upper
99 100
42 18.6 15.0 22.4
71 37.1 28.8 43.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.104 min Scan# 989
Delta R.T. -0.006 min
Lab File: BF129823.D
Acq: 16 Aug 2022 21:50

Tgt Ion: 136 Resp: 572261
Ion Ratio Lower Upper
136 100
137 10.6 8.4 12.6
54 7.2 6.2 9.2
68 5.1 4.2 6.4





#23

Nitrobenzene-d5

Concen: 79.241 ng

RT: 7.387 min Scan# 867

Delta R.T. -0.012 min

Lab File: BF129823.D

Acq: 16 Aug 2022 21:50

Instrument :

BNA_F

ClientSampleId :

S8

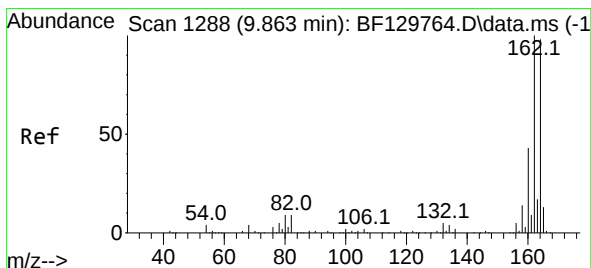
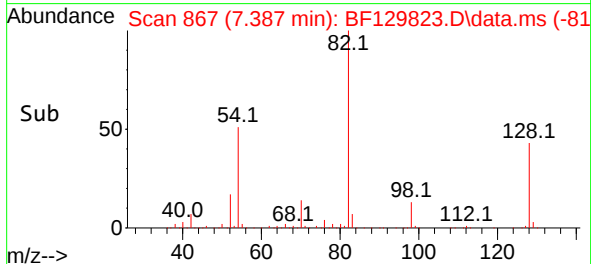
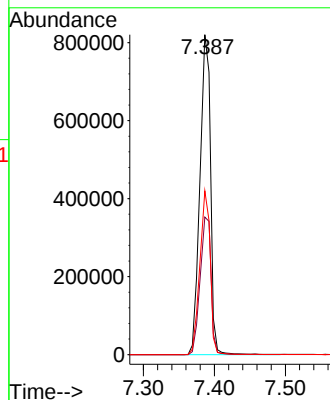
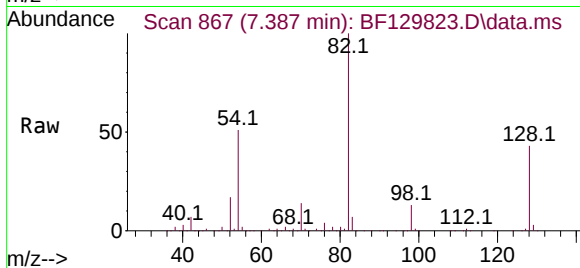
Tgt Ion: 82 Resp: 847096

Ion Ratio Lower Upper

82 100

128 43.0 36.1 54.1

54 51.2 40.0 60.0



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.857 min Scan# 1287

Delta R.T. -0.006 min

Lab File: BF129823.D

Acq: 16 Aug 2022 21:50

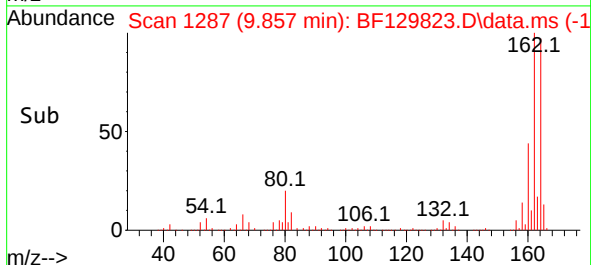
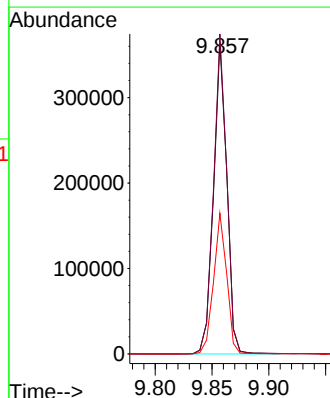
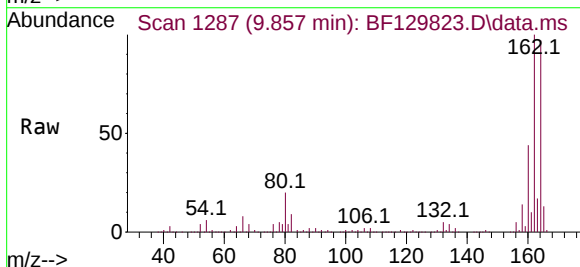
Tgt Ion:164 Resp: 297057

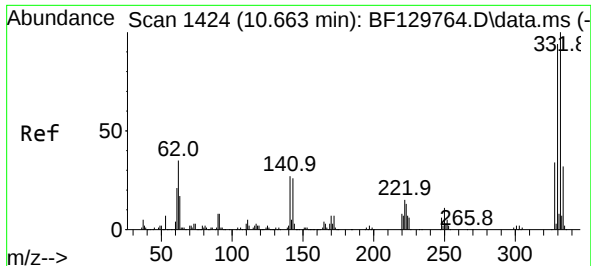
Ion Ratio Lower Upper

164 100

162 102.8 82.0 123.0

160 45.2 35.4 53.0





#42

2,4,6-Tribromophenol

Concen: 113.755 ng

RT: 10.657 min Scan# 1423

Delta R.T. -0.006 min

Lab File: BF129823.D

Acq: 16 Aug 2022 21:50

Instrument :

BNA_F

ClientSampleId :

S8

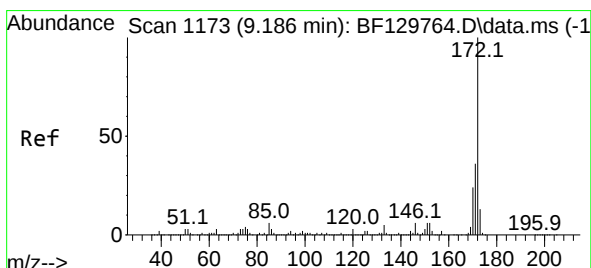
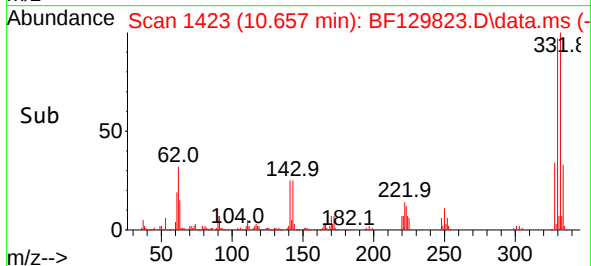
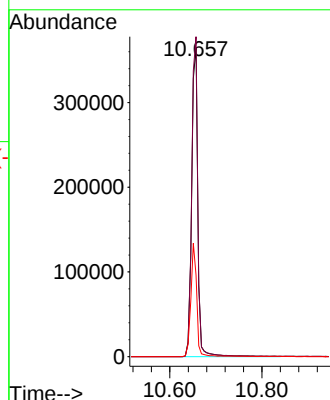
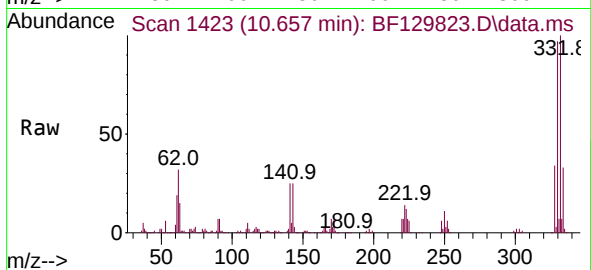
Tgt Ion:330 Resp: 339151

Ion Ratio Lower Upper

330 100

332 102.1 82.6 124.0

141 34.9 27.6 41.4



#45

2-Fluorobiphenyl

Concen: 77.172 ng

RT: 9.181 min Scan# 1172

Delta R.T. -0.006 min

Lab File: BF129823.D

Acq: 16 Aug 2022 21:50

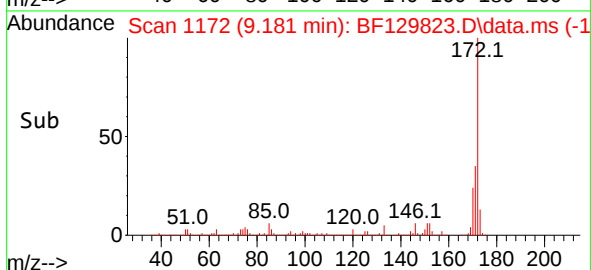
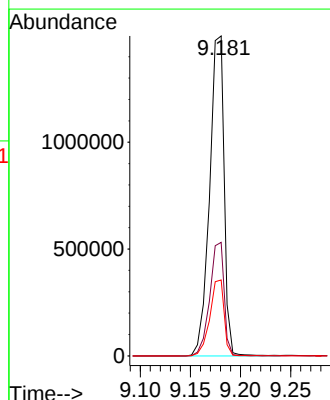
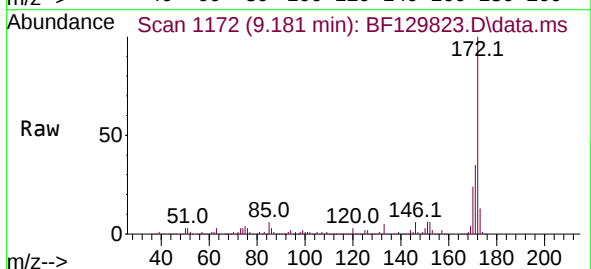
Tgt Ion:172 Resp: 1509376

Ion Ratio Lower Upper

172 100

171 35.5 28.4 42.6

170 23.7 19.1 28.7

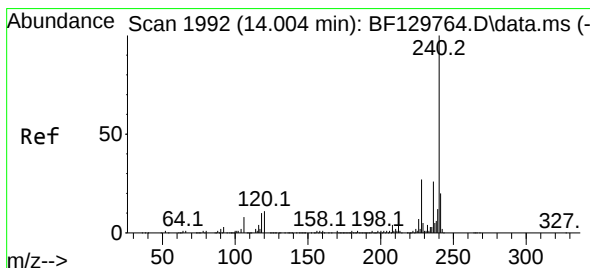
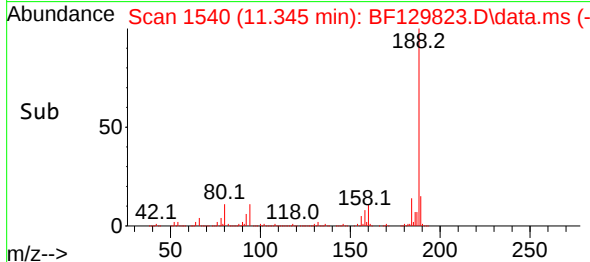
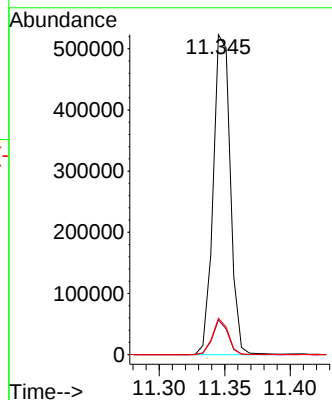
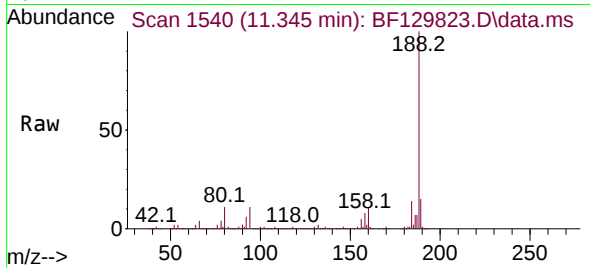




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.345 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF129823.D
Acq: 16 Aug 2022 21:50

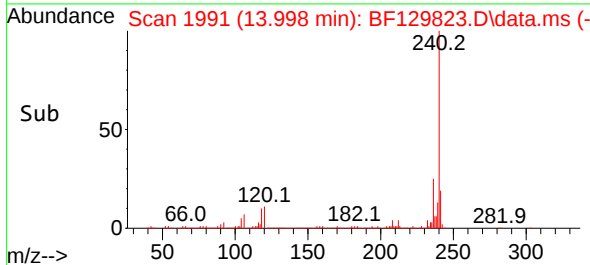
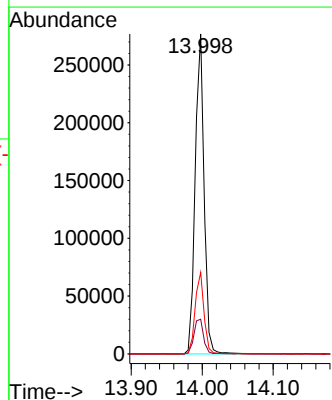
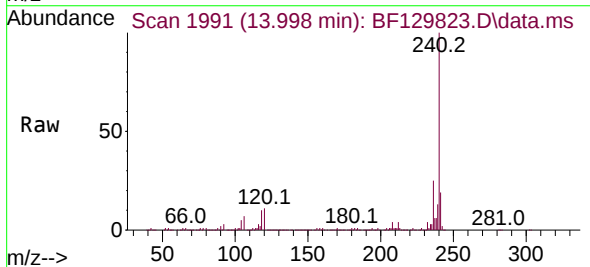
Instrument :
BNA_F
ClientSampleId :
S8

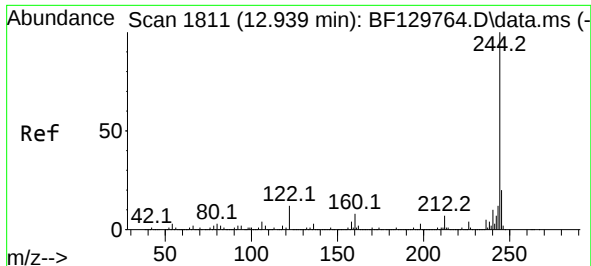
Tgt Ion:188 Resp: 475958
Ion Ratio Lower Upper
188 100
94 10.8 7.4 11.2
80 11.4 7.9 11.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.998 min Scan# 1991
Delta R.T. -0.006 min
Lab File: BF129823.D
Acq: 16 Aug 2022 21:50

Tgt Ion:240 Resp: 241935
Ion Ratio Lower Upper
240 100
120 10.9 9.2 13.8
236 25.5 20.7 31.1

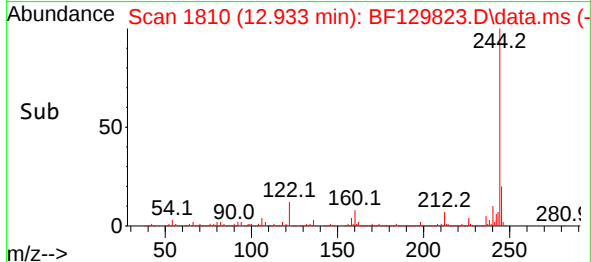
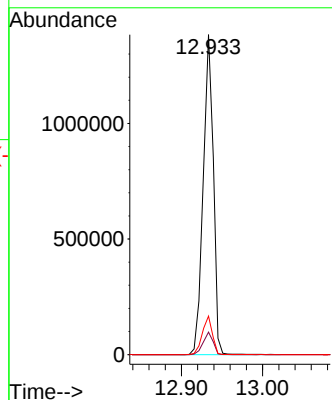
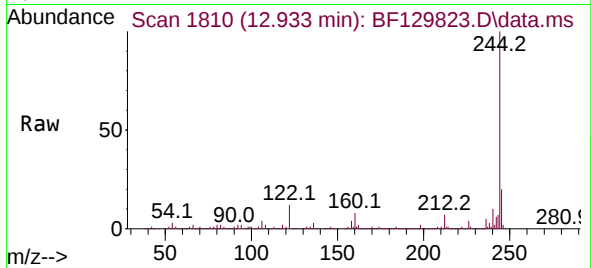




#79
 Terphenyl-d14
 Concen: 82.533 ng
 RT: 12.933 min Scan# 1811
 Delta R.T. -0.006 min
 Lab File: BF129823.D
 Acq: 16 Aug 2022 21:50

Instrument :
 BNA_F
 ClientSampleId :
 S8

Tgt Ion:244 Resp: 1200029
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.9 8.9
 122 12.0 9.9 14.9



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.468 min Scan# 2241
 Delta R.T. 0.000 min
 Lab File: BF129823.D
 Acq: 16 Aug 2022 21:50

Tgt Ion:264 Resp: 277142
 Ion Ratio Lower Upper
 264 100
 260 23.6 19.1 28.7
 265 20.4 16.7 25.1

