

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060623\
 Data File : BF133602.D
 Acq On : 06 Jun 2023 20:54
 Operator : CG\JU
 Sample : 03002-04
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB04

Quant Time: Jun 07 04:02:03 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052523.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 06 14:05:12 2023
 Response via : Initial Calibration

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

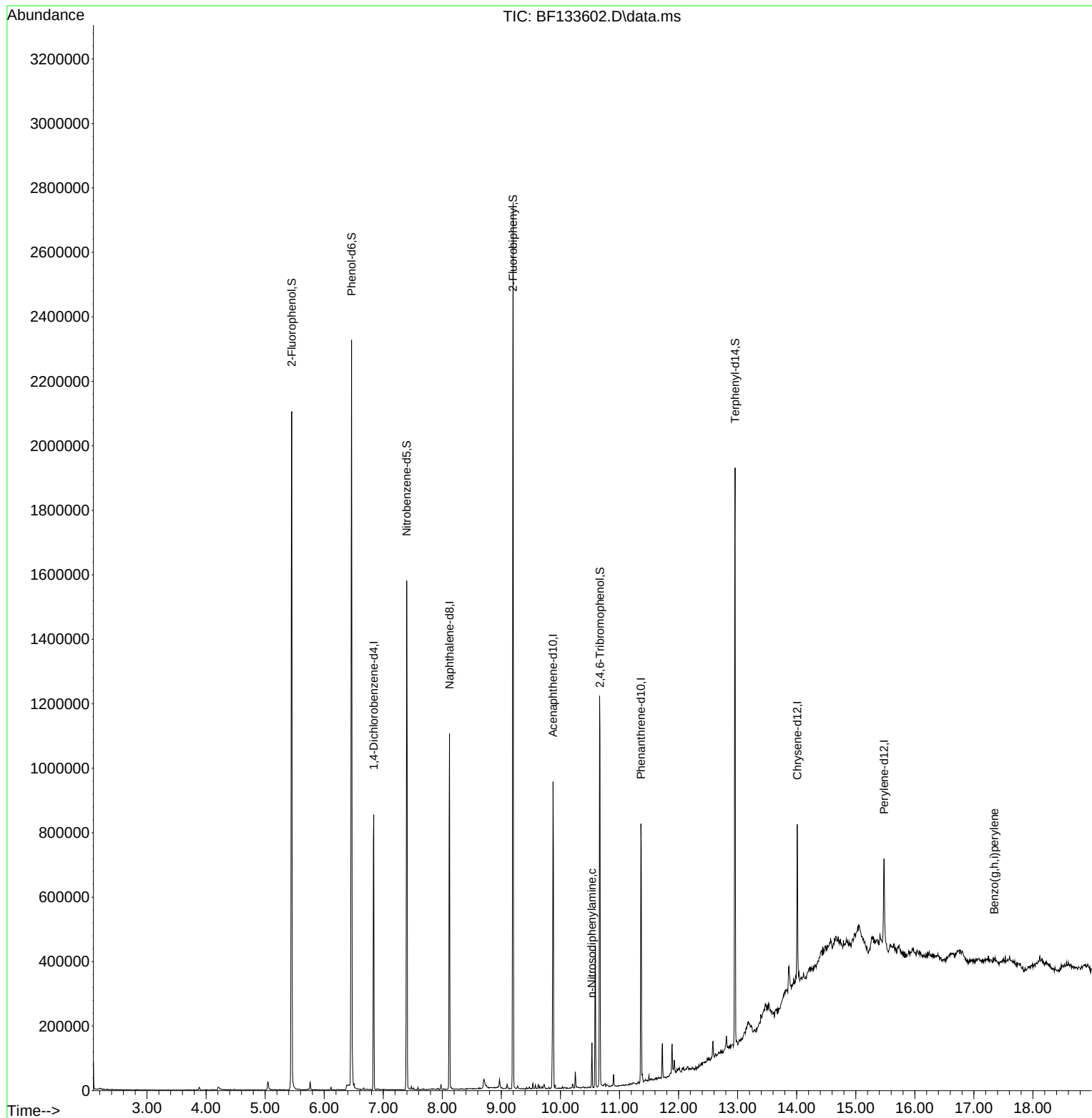
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.840	152	122665	20.000	ng	0.00
21) Naphthalene-d8	8.122	136	434773	20.000	ng	0.00
39) Acenaphthene-d10	9.875	164	175450	20.000	ng	0.00
64) Phenanthrene-d10	11.363	188	296135	20.000	ng	0.00
76) Chrysene-d12	14.010	240	150027	20.000	ng	0.00
86) Perylene-d12	15.480	264	129891	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.451	112	610492	83.038	ng	0.00
7) Phenol-d6	6.463	99	726279	80.249	ng	0.00
23) Nitrobenzene-d5	7.398	82	438323	67.314	ng	0.00
42) 2,4,6-Tribromophenol	10.669	330	146180	83.583	ng	0.00
45) 2-Fluorobiphenyl	9.198	172	759201	66.787	ng	0.00
79) Terphenyl-d14	12.957	244	607985	72.053	ng	0.00
Target Compounds						
66) n-Nitrosodiphenylamine	10.533	169	27241	2.833	ng	Qvalue 98
92) Benzo(g,h,i)perylene	17.345	276	22029	3.257	ng	# 67

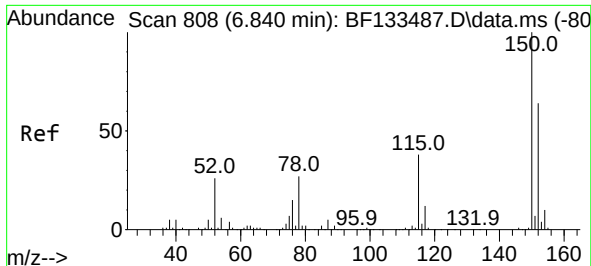
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060623\
Data File : BF133602.D
Acq On : 06 Jun 2023 20:54
Operator : CG\JU
Sample : 03002-04
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB04

Quant Time: Jun 07 04:02:03 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052523.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 06 14:05:12 2023
Response via : Initial Calibration

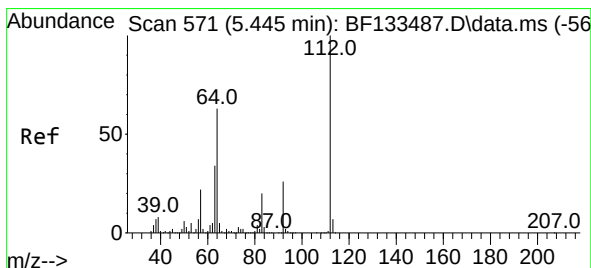
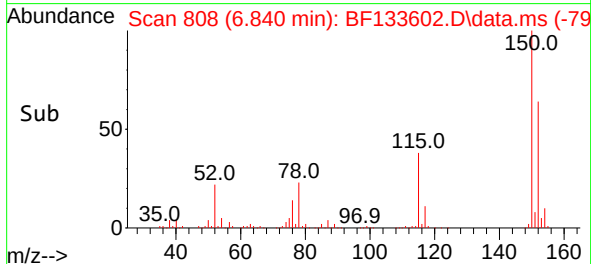
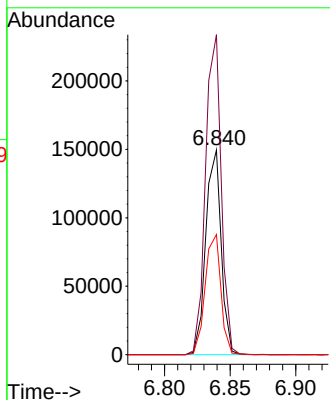
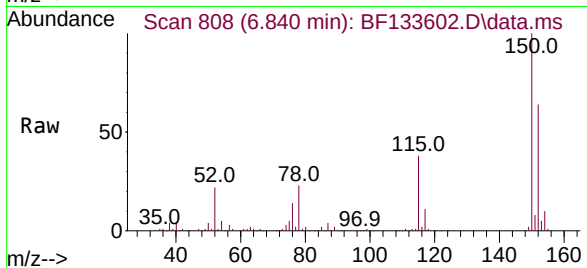




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.840 min Scan# 808
Delta R.T. 0.006 min
Lab File: BF133602.D
Acq: 06 Jun 2023 20:54

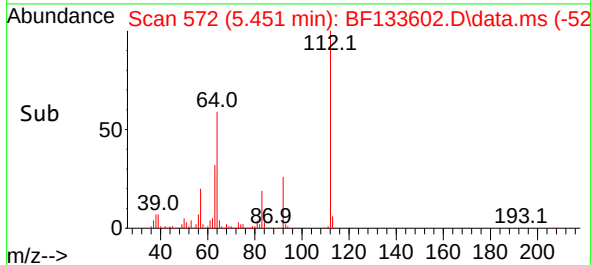
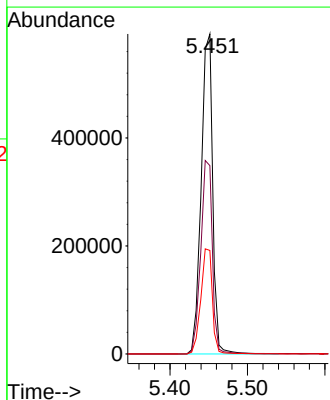
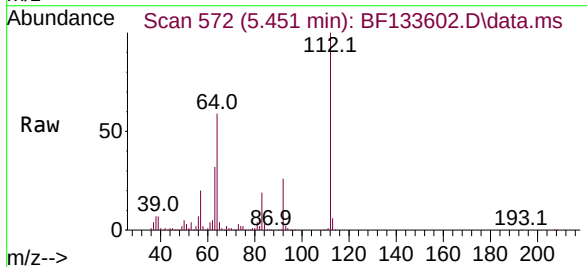
Instrument :
BNA_F
ClientSampleId :
SB04

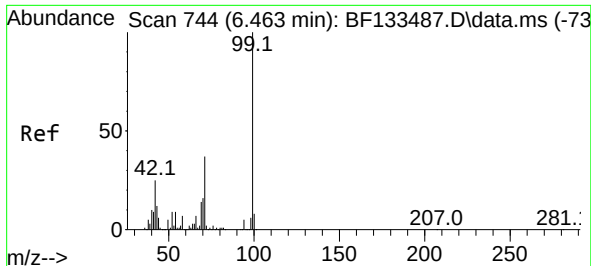
Tgt Ion:152 Resp: 122665
Ion Ratio Lower Upper
152 100
150 156.4 124.9 187.3
115 58.7 48.1 72.1



#5
2-Fluorophenol
Concen: 83.038 ng
RT: 5.451 min Scan# 572
Delta R.T. 0.006 min
Lab File: BF133602.D
Acq: 06 Jun 2023 20:54

Tgt Ion:112 Resp: 610492
Ion Ratio Lower Upper
112 100
64 58.9 50.1 75.1
63 32.4 27.5 41.3

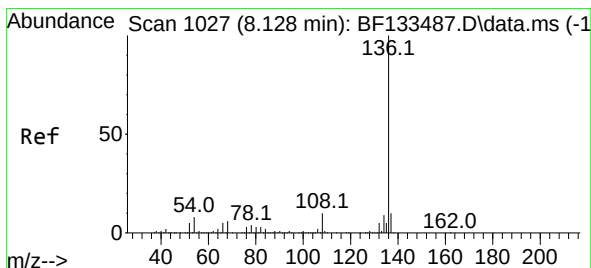
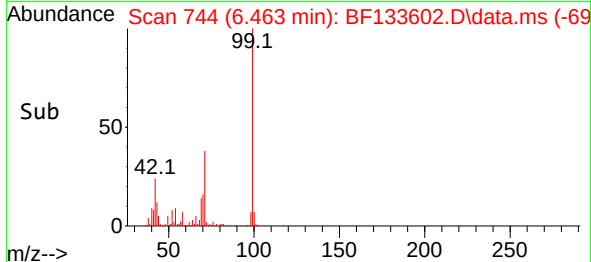
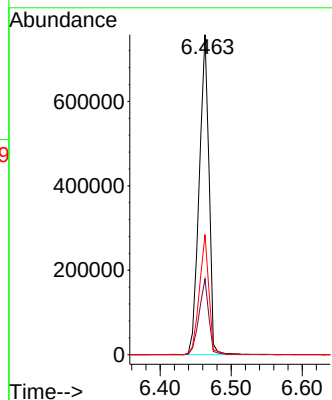
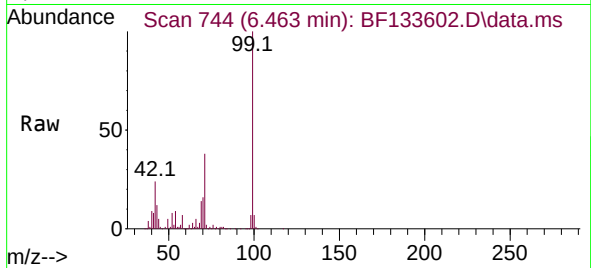




#7
Phenol-d6
Concen: 80.249 ng
RT: 6.463 min Scan# 744
Delta R.T. 0.000 min
Lab File: BF133602.D
Acq: 06 Jun 2023 20:54

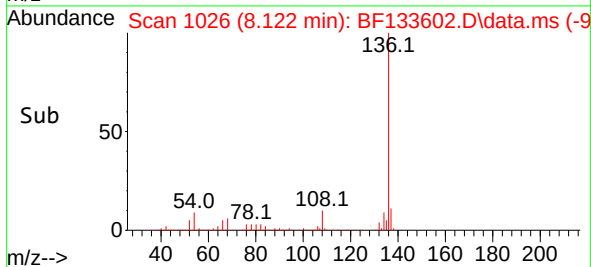
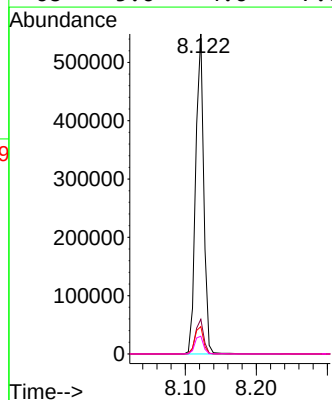
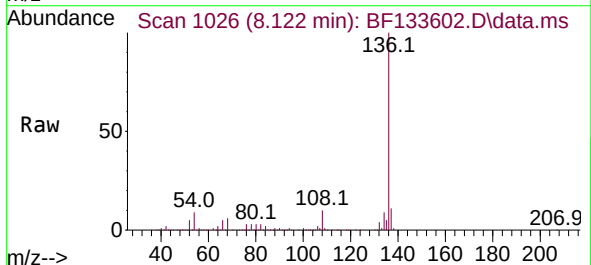
Instrument :
BNA_F
ClientSampleId :
SB04

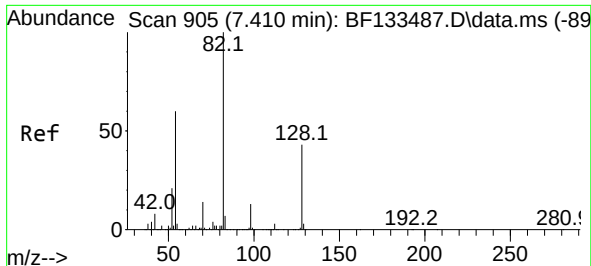
Tgt Ion: 99 Resp: 726279
Ion Ratio Lower Upper
99 100
42 23.7 19.7 29.5
71 37.6 29.8 44.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.122 min Scan# 1026
Delta R.T. 0.000 min
Lab File: BF133602.D
Acq: 06 Jun 2023 20:54

Tgt Ion: 136 Resp: 434773
Ion Ratio Lower Upper
136 100
137 10.9 8.2 12.4
54 8.6 6.6 10.0
68 5.6 4.6 7.0





#23

Nitrobenzene-d5

Concen: 67.314 ng

RT: 7.398 min Scan# 905

Delta R.T. -0.006 min

Lab File: BF133602.D

Acq: 06 Jun 2023 20:54

Instrument :

BNA_F

ClientSampleId :

SB04

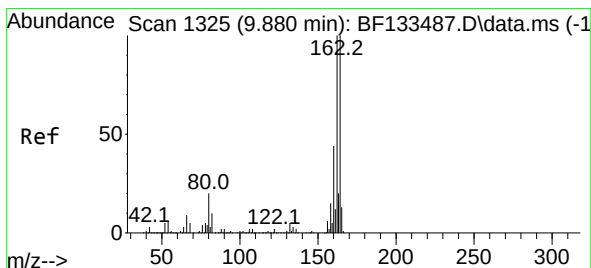
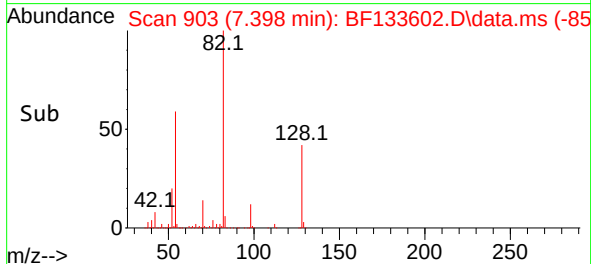
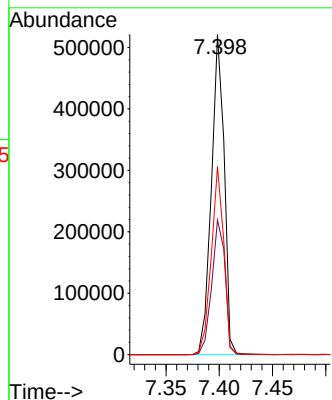
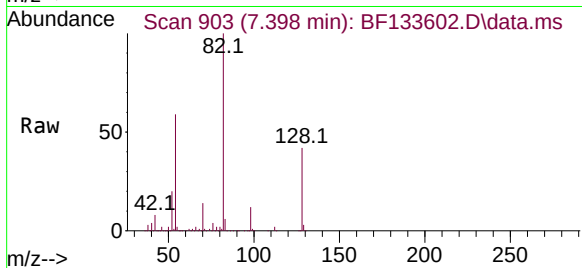
Tgt Ion: 82 Resp: 438323

Ion Ratio Lower Upper

82 100

128 42.0 34.2 51.4

54 58.7 48.2 72.4



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.875 min Scan# 1324

Delta R.T. 0.000 min

Lab File: BF133602.D

Acq: 06 Jun 2023 20:54

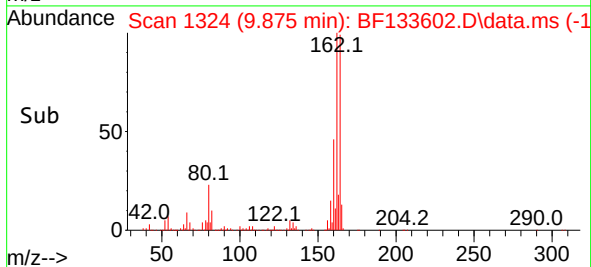
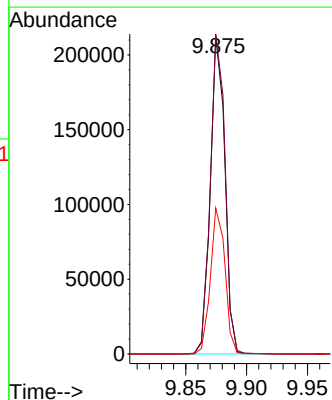
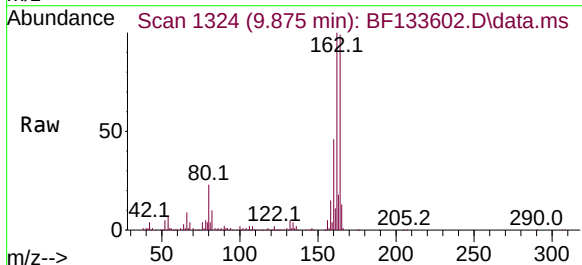
Tgt Ion:164 Resp: 175450

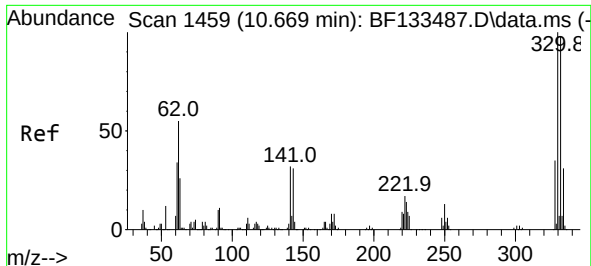
Ion Ratio Lower Upper

164 100

162 100.7 79.7 119.5

160 45.9 35.4 53.0





#42

2,4,6-Tribromophenol

Concen: 83.583 ng

RT: 10.669 min Scan# 1459

Delta R.T. 0.000 min

Lab File: BF133602.D

Acq: 06 Jun 2023 20:54

Instrument :

BNA_F

ClientSampleId :

SB04

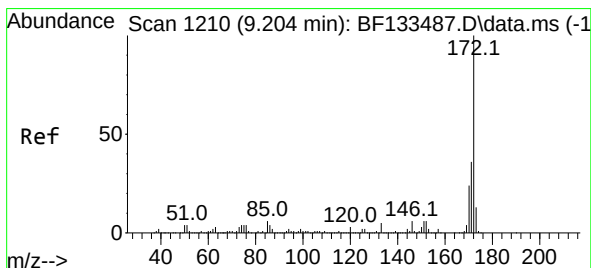
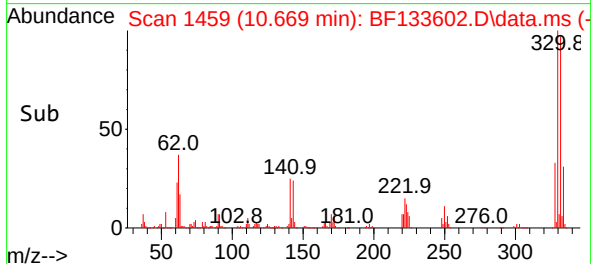
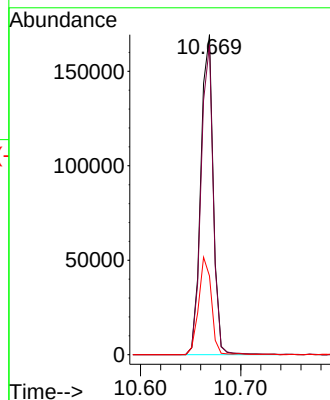
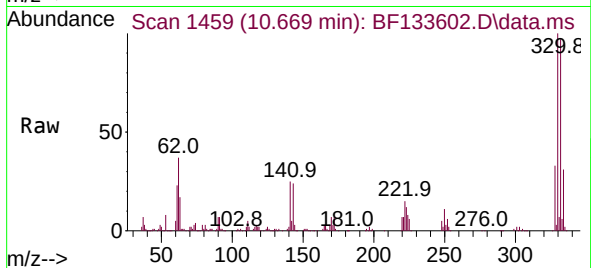
Tgt Ion:330 Resp: 146180

Ion Ratio Lower Upper

330 100

332 95.8 77.8 116.6

141 31.3 26.6 40.0



#45

2-Fluorobiphenyl

Concen: 66.787 ng

RT: 9.198 min Scan# 1209

Delta R.T. 0.000 min

Lab File: BF133602.D

Acq: 06 Jun 2023 20:54

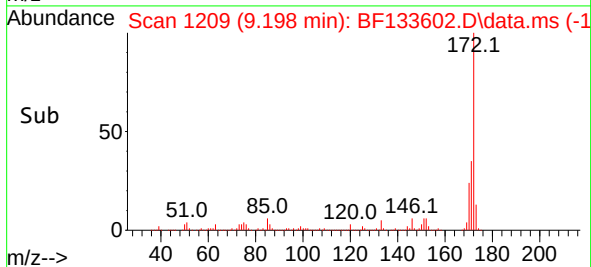
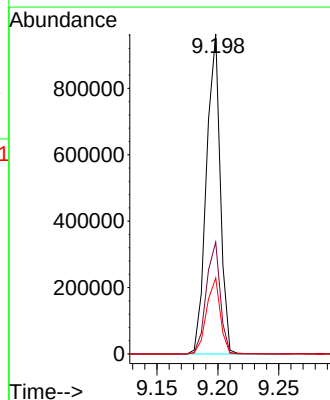
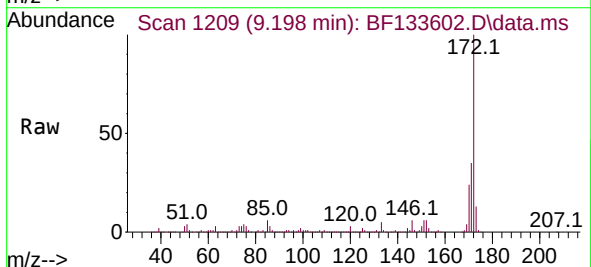
Tgt Ion:172 Resp: 759201

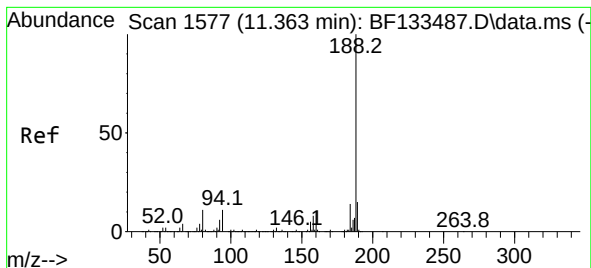
Ion Ratio Lower Upper

172 100

171 35.0 28.4 42.6

170 23.7 19.3 28.9





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.363 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF133602.D

Acq: 06 Jun 2023 20:54

Instrument :

BNA_F

ClientSampleId :

SB04

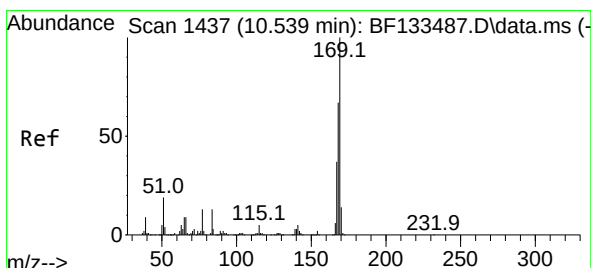
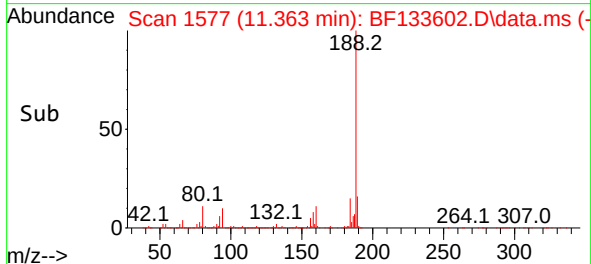
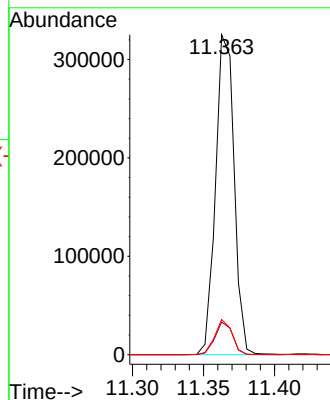
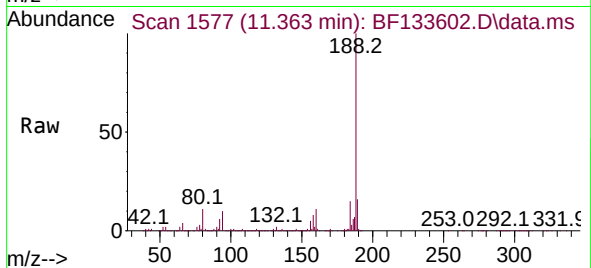
Tgt Ion:188 Resp: 296135

Ion Ratio Lower Upper

188 100

94 10.2 8.6 12.8

80 11.0 9.2 13.8



#66

n-Nitrosodiphenylamine

Concen: 2.833 ng

RT: 10.533 min Scan# 1436

Delta R.T. -0.006 min

Lab File: BF133602.D

Acq: 06 Jun 2023 20:54

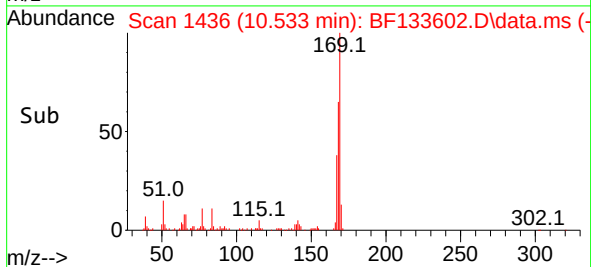
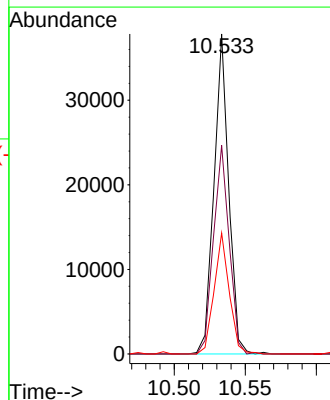
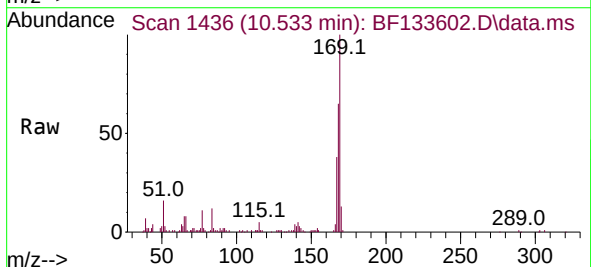
Tgt Ion:169 Resp: 27241

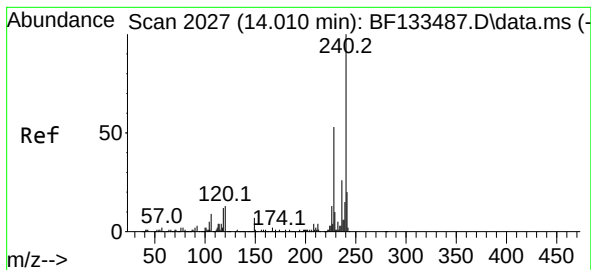
Ion Ratio Lower Upper

169 100

168 65.2 53.7 80.5

167 37.8 29.6 44.4





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.010 min Scan# 20

Delta R.T. 0.000 min

Lab File: BF133602.D

Acq: 06 Jun 2023 20:54

Instrument :

BNA_F

ClientSampleId :

SB04

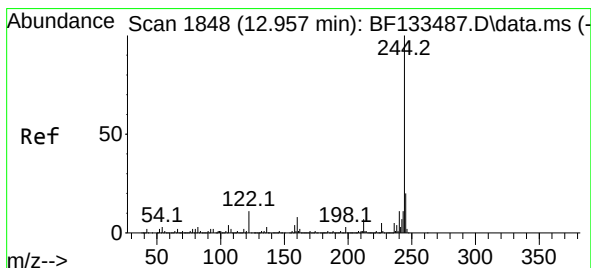
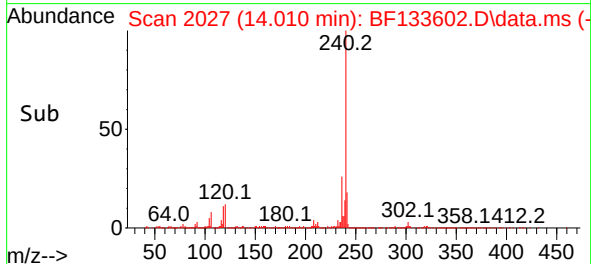
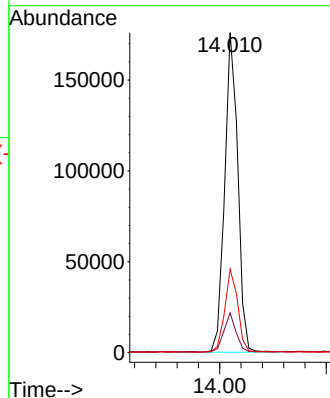
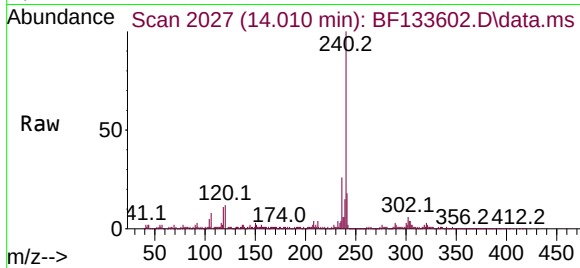
Tgt Ion:240 Resp: 150027

Ion Ratio Lower Upper

240 100

120 12.5 10.3 15.5

236 26.0 20.5 30.7



#79

Terphenyl-d14

Concen: 72.053 ng

RT: 12.957 min Scan# 1848

Delta R.T. 0.000 min

Lab File: BF133602.D

Acq: 06 Jun 2023 20:54

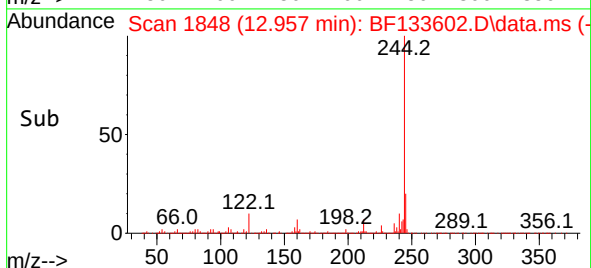
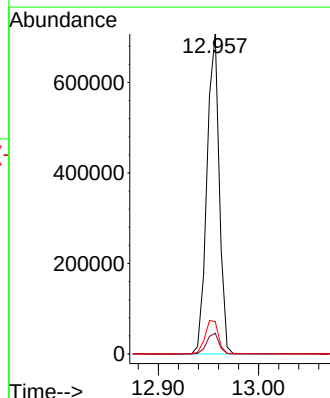
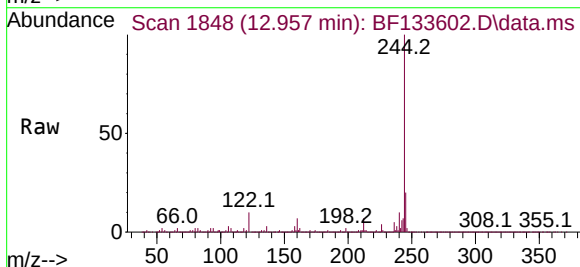
Tgt Ion:244 Resp: 607985

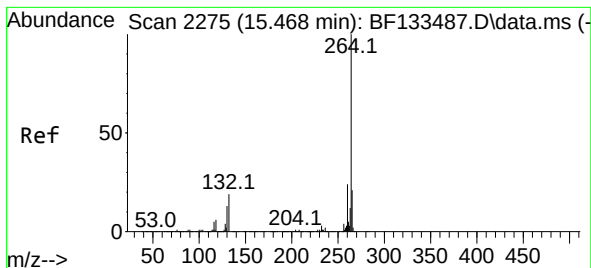
Ion Ratio Lower Upper

244 100

212 6.5 5.8 8.6

122 10.1 8.5 12.7





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.480 min Scan# 21

Delta R.T. 0.012 min

Lab File: BF133602.D

Acq: 06 Jun 2023 20:54

Instrument :

BNA_F

ClientSampleId :

SB04

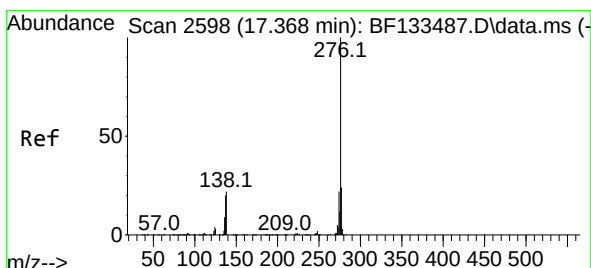
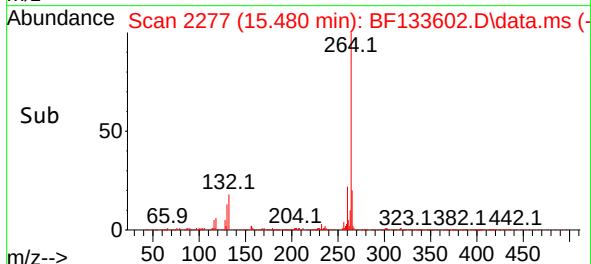
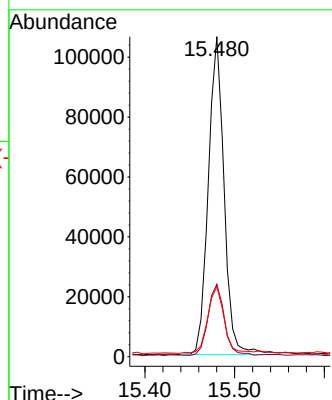
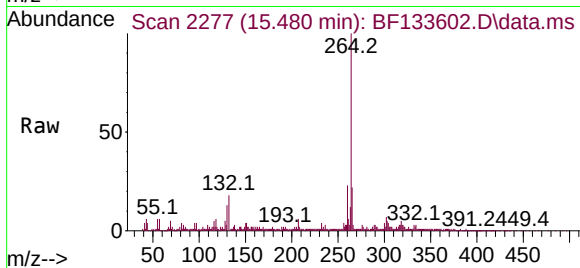
Tgt Ion:264 Resp: 129891

Ion Ratio Lower Upper

264 100

260 22.7 19.0 28.4

265 21.9 16.8 25.2



#92

Benzo(g,h,i)perylene

Concen: 3.257 ng

RT: 17.345 min Scan# 2594

Delta R.T. -0.029 min

Lab File: BF133602.D

Acq: 06 Jun 2023 20:54

Tgt Ion:276 Resp: 22029

Ion Ratio Lower Upper

276 100

277 34.1 18.8 28.2#

138 43.4 17.8 26.6#

