

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112423\
 Data File : BF136181.D
 Acq On : 24 Nov 2023 16:01
 Operator : CG\JU
 Sample : PB157208BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB157208BL

Quant Time: Nov 24 23:06:53 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 24 23:00:16 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.804	152	130855	20.000	ng	0.00
21) Naphthalene-d8	8.086	136	553619	20.000	ng	0.00
39) Acenaphthene-d10	9.839	164	284632	20.000	ng	0.00
64) Phenanthrene-d10	11.333	188	552137	20.000	ng	0.00
76) Chrysene-d12	13.980	240	318689	20.000	ng	# 0.00
86) Perylene-d12	15.468	264	277289	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.451	112	1250026	152.103	ng	0.02
7) Phenol-d6	6.445	99	1532146	151.505	ng	0.00
23) Nitrobenzene-d5	7.369	82	945457	95.299	ng	0.00
42) 2,4,6-Tribromophenol	10.639	330	448641	150.497	ng	0.00
45) 2-Fluorobiphenyl	9.169	172	2070755	107.542	ng	0.00
79) Terphenyl-d14	12.933	244	2499129	111.314	ng	0.00

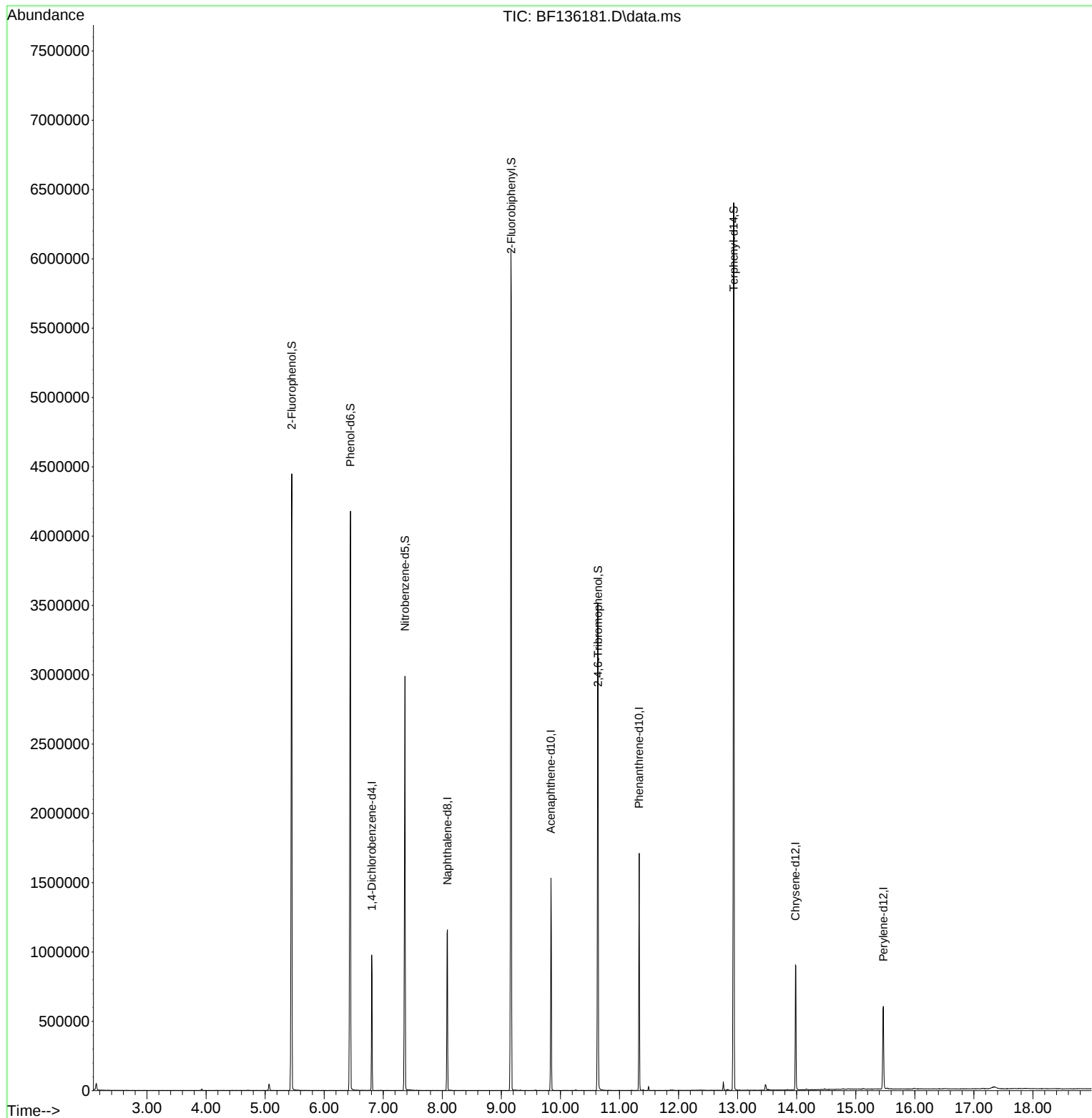
Target Compounds	Qvalue

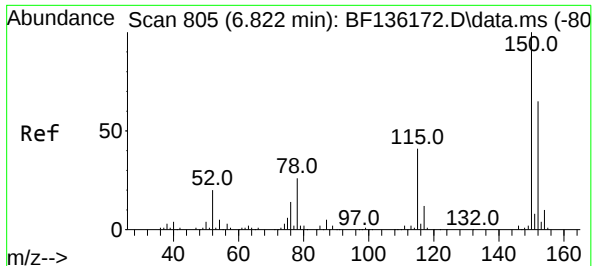
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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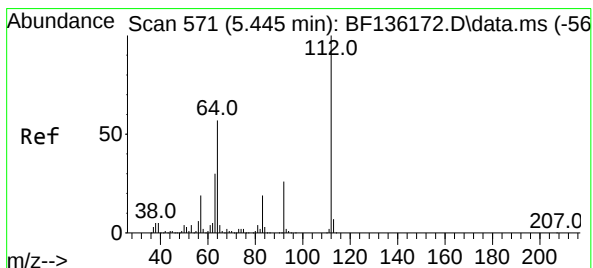
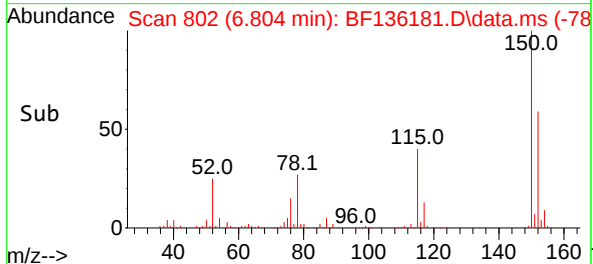
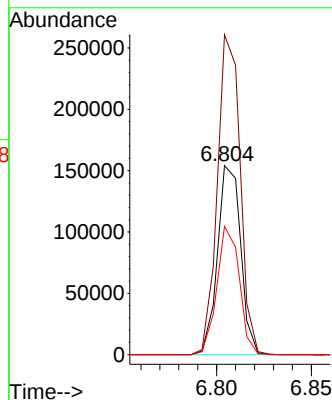
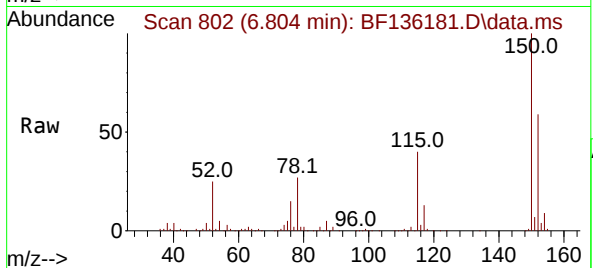




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.804 min Scan# 805
Delta R.T. -0.006 min
Lab File: BF136181.D
Acq: 24 Nov 2023 16:01

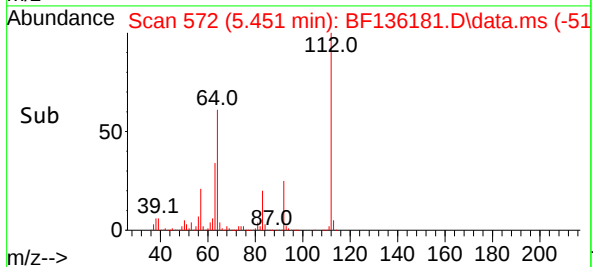
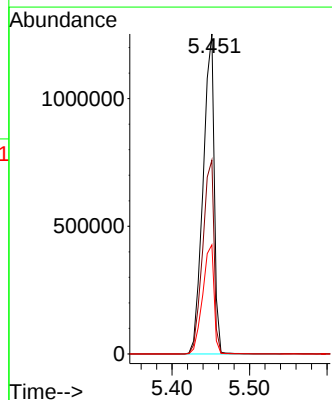
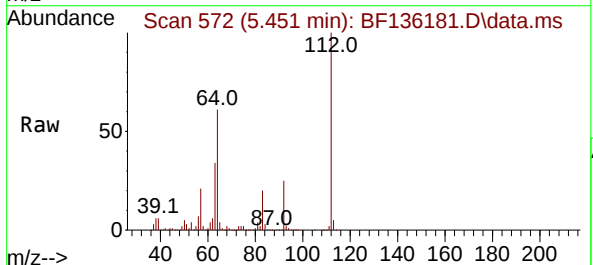
Instrument :
BNA_F
ClientSampleId :
PB157208BL

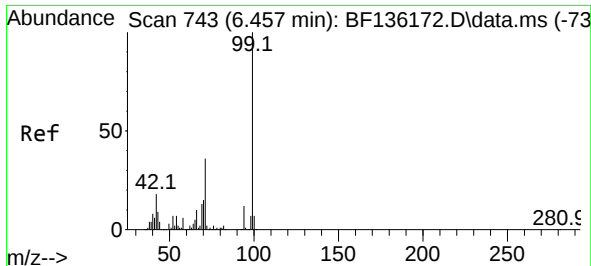
Tgt Ion:152 Resp: 130855
Ion Ratio Lower Upper
152 100
150 169.1 123.1 184.7
115 67.9 50.5 75.7



#5
2-Fluorophenol
Concen: 152.103 ng
RT: 5.451 min Scan# 572
Delta R.T. 0.017 min
Lab File: BF136181.D
Acq: 24 Nov 2023 16:01

Tgt Ion:112 Resp: 1250026
Ion Ratio Lower Upper
112 100
64 60.6 45.4 68.0
63 34.1 24.4 36.6



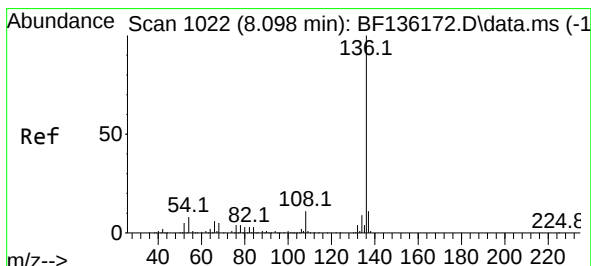
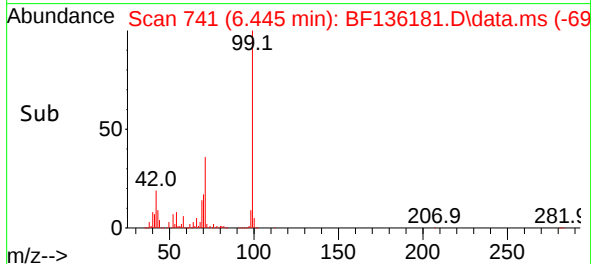
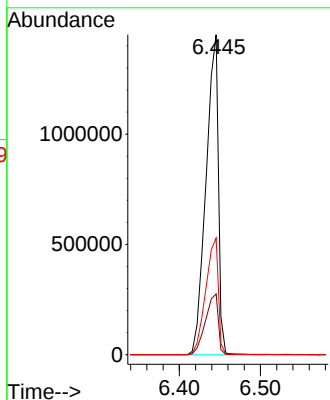
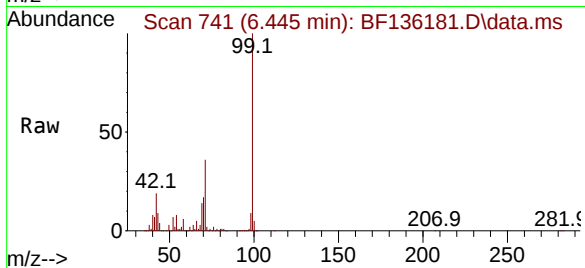


#7
Phenol-d6
Concen: 151.505 ng
RT: 6.445 min Scan# 741
Delta R.T. -0.000 min
Lab File: BF136181.D
Acq: 24 Nov 2023 16:01

Instrument :
BNA_F
ClientSampleId :
PB157208BL

Tgt Ion: 99 Resp: 1532146

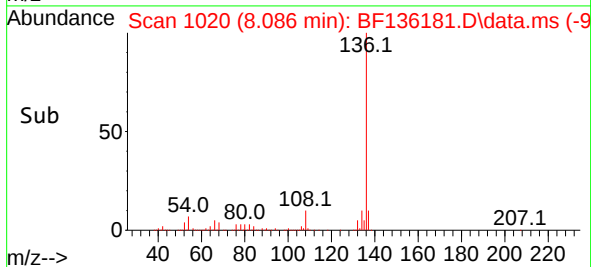
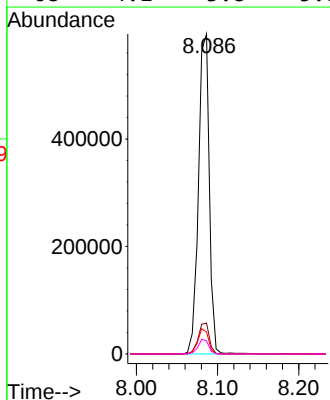
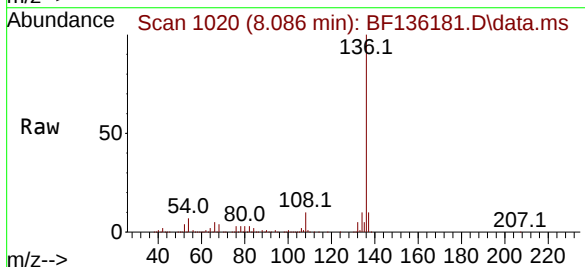
Ion	Ratio	Lower	Upper
99	100		
42	19.0	14.1	21.1
71	36.5	29.0	43.4

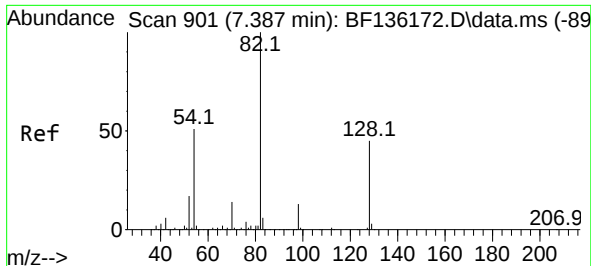


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.086 min Scan# 1020
Delta R.T. -0.000 min
Lab File: BF136181.D
Acq: 24 Nov 2023 16:01

Tgt Ion: 136 Resp: 553619

Ion	Ratio	Lower	Upper
136	100		
137	9.6	8.6	13.0
54	6.9	6.3	9.5
68	4.1	3.8	5.8





#23

Nitrobenzene-d5

Concen: 95.299 ng

RT: 7.369 min Scan# 84

Delta R.T. -0.006 min

Lab File: BF136181.D

Acq: 24 Nov 2023 16:01

Instrument :

BNA_F

ClientSampleId :

PB157208BL

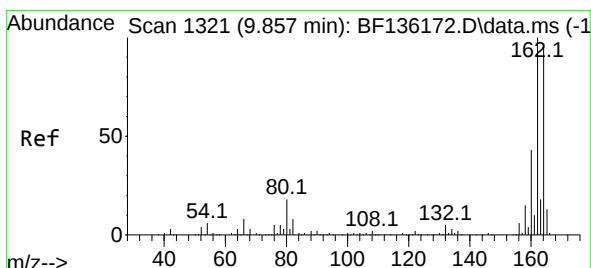
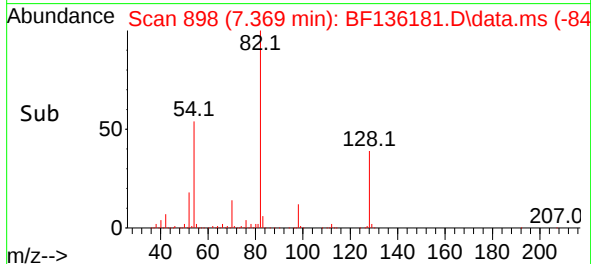
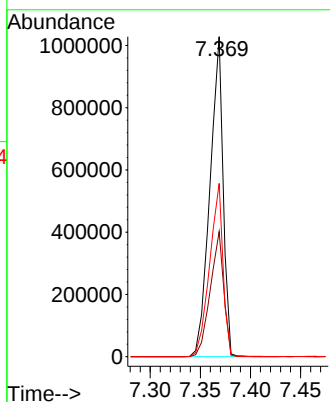
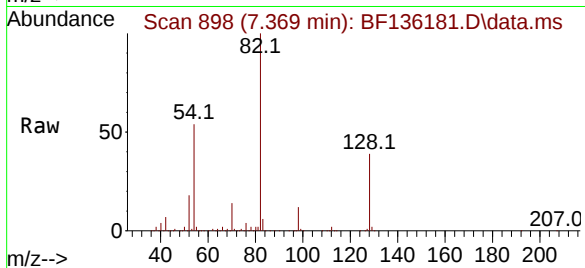
Tgt Ion: 82 Resp: 945457

Ion Ratio Lower Upper

82 100

128 39.1 35.8 53.6

54 54.2 40.6 60.8



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.839 min Scan# 1318

Delta R.T. -0.006 min

Lab File: BF136181.D

Acq: 24 Nov 2023 16:01

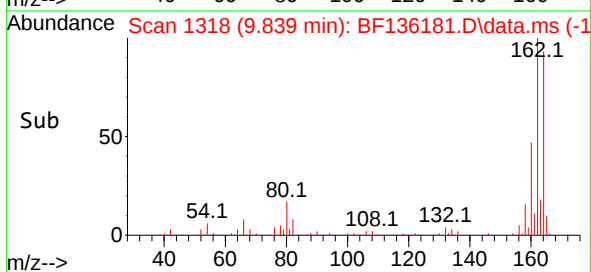
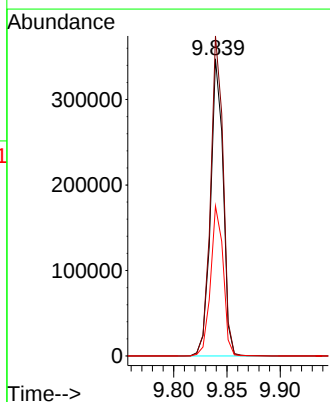
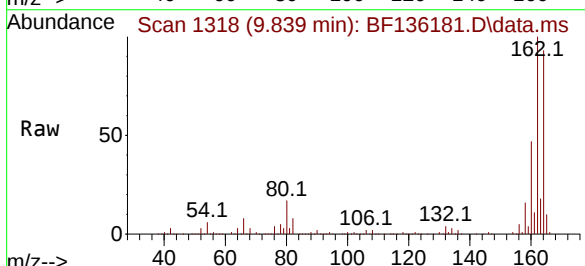
Tgt Ion:164 Resp: 284632

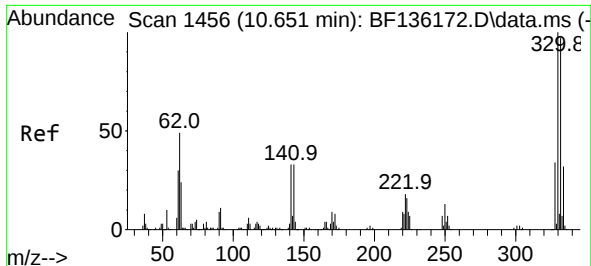
Ion Ratio Lower Upper

164 100

162 107.7 83.2 124.8

160 50.5 35.8 53.8





#42

2,4,6-Tribromophenol

Concen: 150.497 ng

RT: 10.639 min Scan# 1456

Delta R.T. -0.000 min

Lab File: BF136181.D

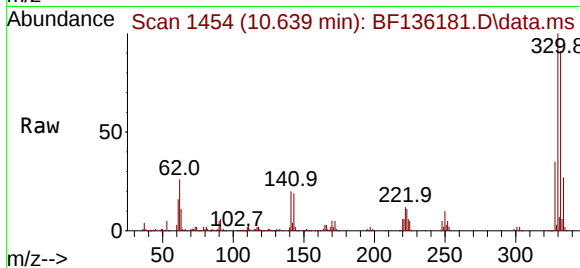
Acq: 24 Nov 2023 16:01

Instrument :

BNA_F

ClientSampleId :

PB157208BL



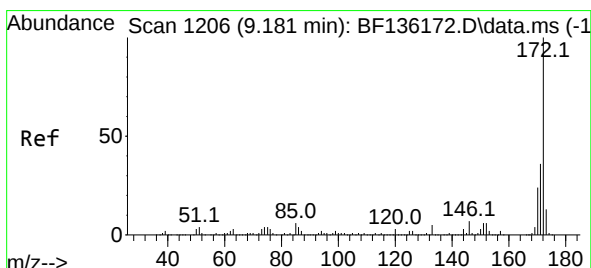
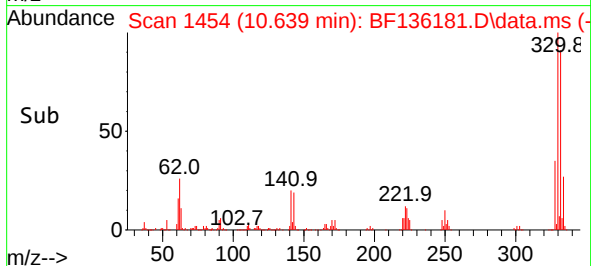
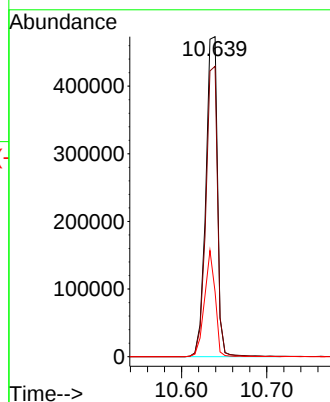
Tgt Ion:330 Resp: 448641

Ion Ratio Lower Upper

330 100

332 91.0 77.6 116.4

141 30.5 25.8 38.6



#45

2-Fluorobiphenyl

Concen: 107.542 ng

RT: 9.169 min Scan# 1204

Delta R.T. -0.000 min

Lab File: BF136181.D

Acq: 24 Nov 2023 16:01

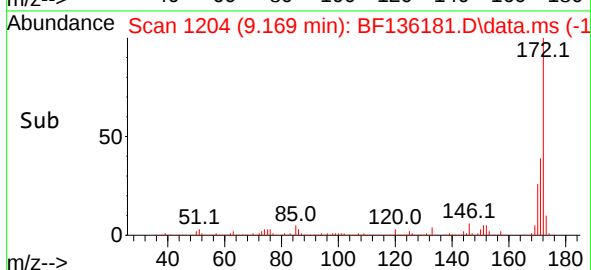
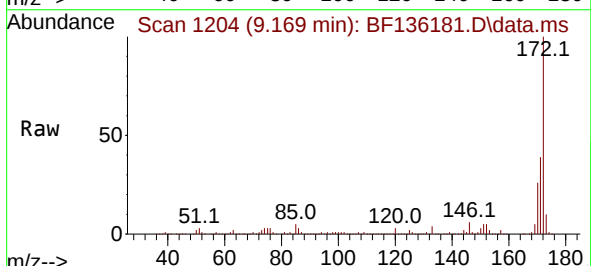
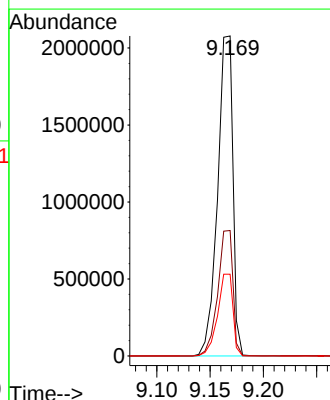
Tgt Ion:172 Resp: 2070755

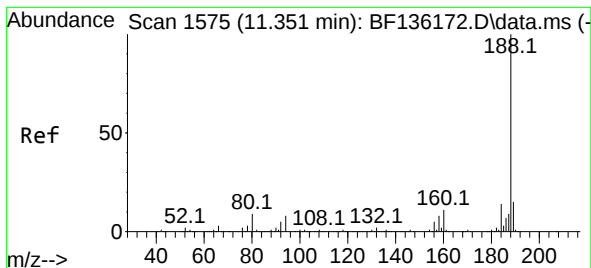
Ion Ratio Lower Upper

172 100

171 39.2 28.9 43.3

170 25.6 19.1 28.7





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.333 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF136181.D

Acq: 24 Nov 2023 16:01

Instrument :

BNA_F

ClientSampleId :

PB157208BL

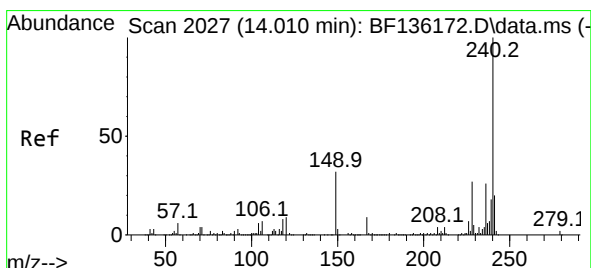
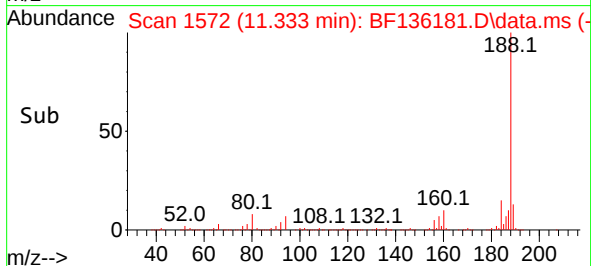
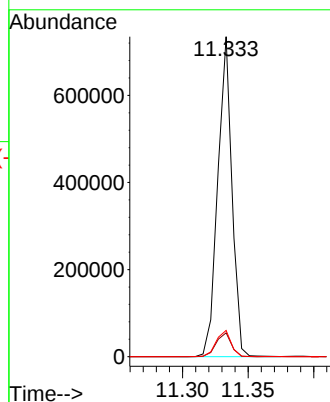
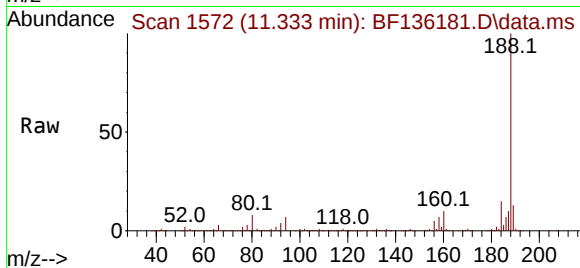
Tgt Ion:188 Resp: 552137

Ion Ratio Lower Upper

188 100

94 7.4 6.6 9.8

80 8.2 7.3 10.9



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.980 min Scan# 2022

Delta R.T. -0.006 min

Lab File: BF136181.D

Acq: 24 Nov 2023 16:01

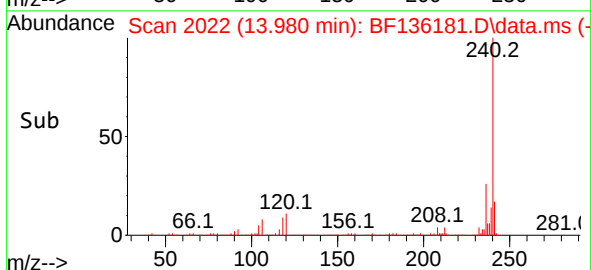
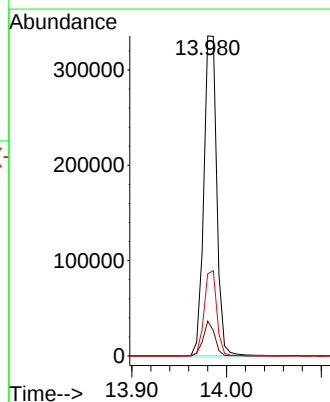
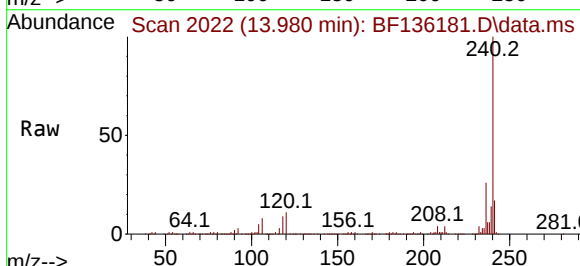
Tgt Ion:240 Resp: 318689

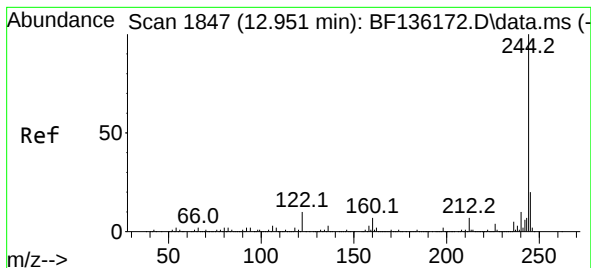
Ion Ratio Lower Upper

240 100

120 10.8 7.1 10.7#

236 25.7 20.9 31.3





#79

Terphenyl-d14

Concen: 111.314 ng

RT: 12.933 min Scan# 1844

Delta R.T. -0.000 min

Lab File: BF136181.D

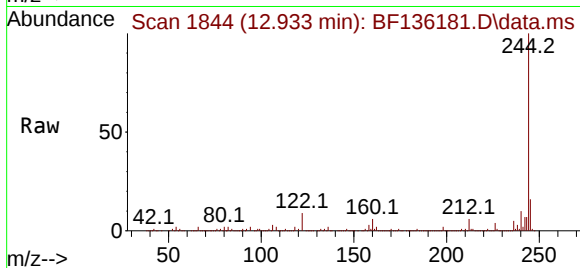
Acq: 24 Nov 2023 16:01

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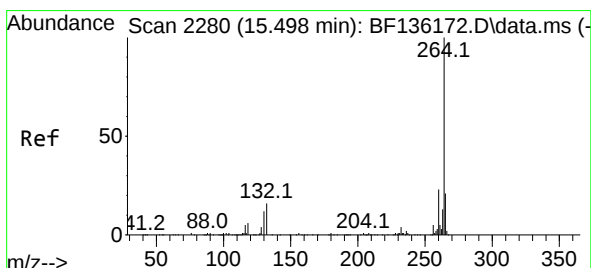
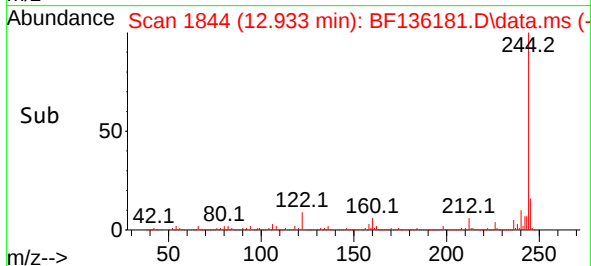
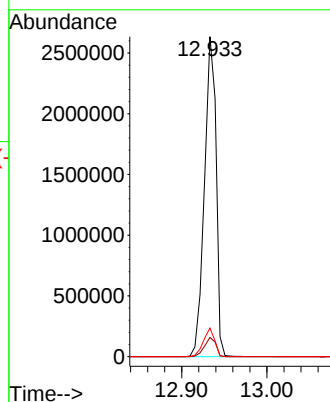
Tgt Ion:244 Resp: 2499129

Ion Ratio Lower Upper

244 100

212 6.0 5.4 8.0

122 8.9 8.1 12.1



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.468 min Scan# 2275

Delta R.T. -0.000 min

Lab File: BF136181.D

Acq: 24 Nov 2023 16:01

Tgt Ion:264 Resp: 277289

Ion Ratio Lower Upper

264 100

260 24.1 18.5 27.7

265 20.0 16.9 25.3

