

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110323\
 Data File : BF136124.D
 Acq On : 03 Nov 2023 15:08
 Operator : CG\JU
 Sample : 05096-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-2

Quant Time: Nov 04 00:08:22 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF103023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 31 01:13:02 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.816	152	112614	20.000	ng	-0.01
21) Naphthalene-d8	8.098	136	435639	20.000	ng	0.00
39) Acenaphthene-d10	9.857	164	211150	20.000	ng	0.00
64) Phenanthrene-d10	11.351	188	341534	20.000	ng	0.00
76) Chrysene-d12	14.004	240	248511	20.000	ng	-0.01
86) Perylene-d12	15.492	264	305915	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.446	112	359411	50.152	ng	0.00
7) Phenol-d6	6.440	99	268188	30.036	ng	-0.02
23) Nitrobenzene-d5	7.381	82	628186	86.927	ng	-0.01
42) 2,4,6-Tribromophenol	10.651	330	260125	115.418	ng	0.00
45) 2-Fluorobiphenyl	9.181	172	1139303	86.013	ng	0.00
79) Terphenyl-d14	12.951	244	1091939	68.283	ng	0.00

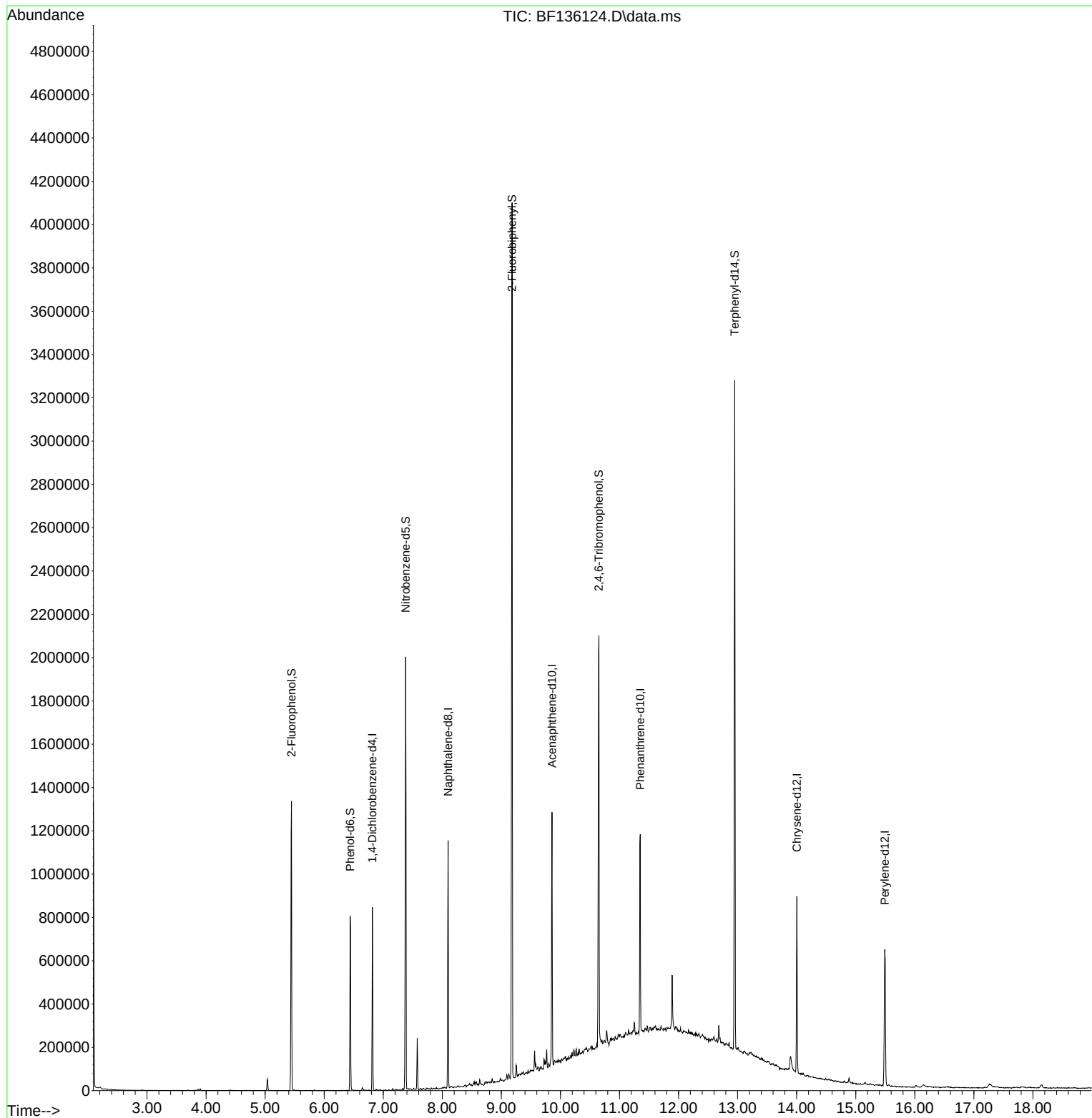
Target Compounds	Qvalue

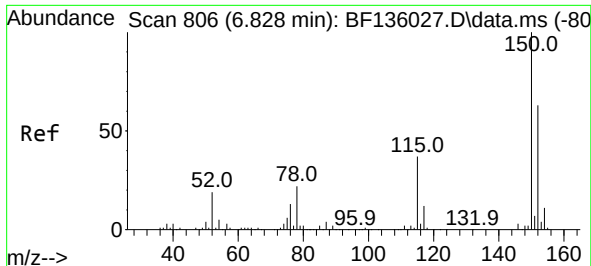
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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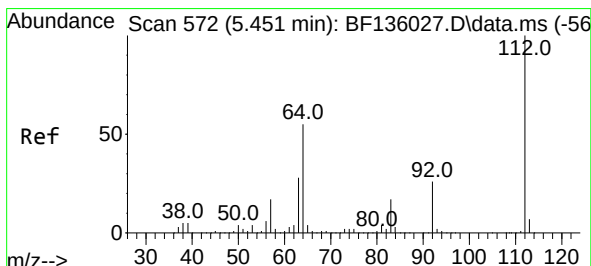
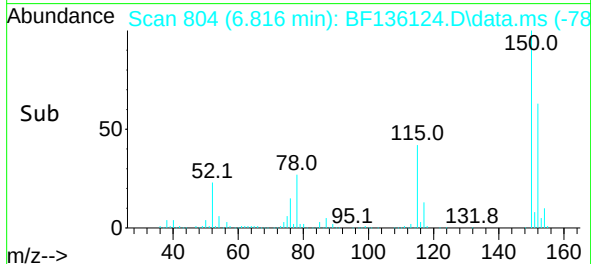
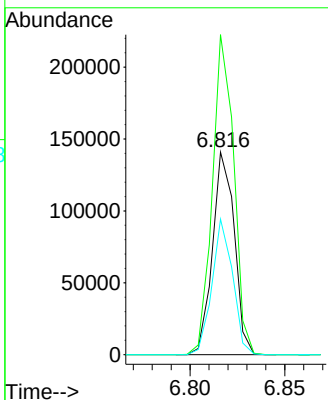
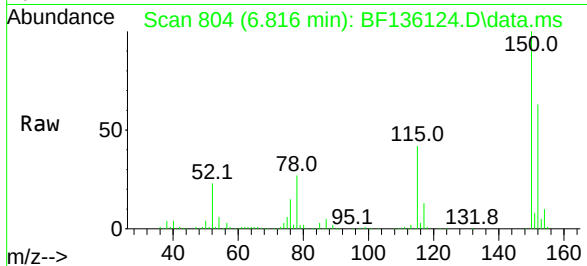




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.816 min Scan# 806
Delta R.T. -0.012 min
Lab File: BF136124.D
Acq: 03 Nov 2023 15:08

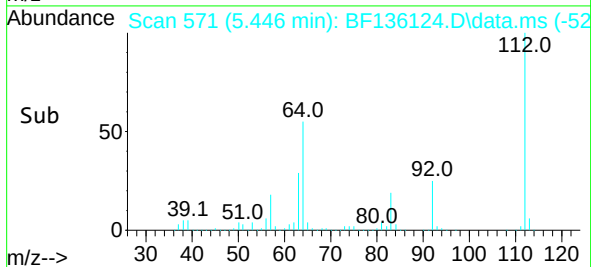
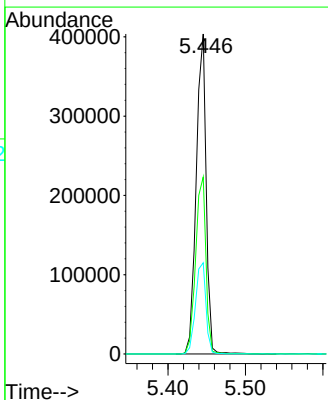
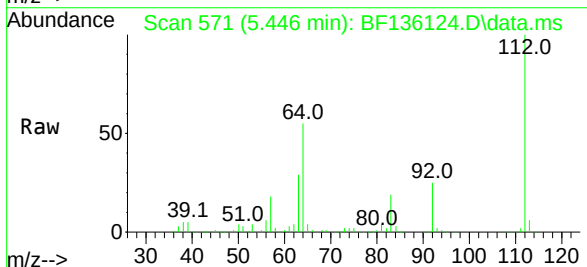
Instrument :
BNA_F
ClientSampleId :
MW-2

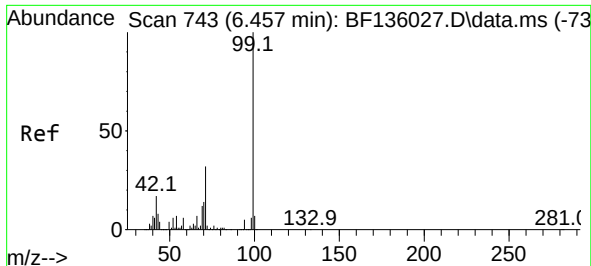
Tgt Ion:152 Resp: 112614
Ion Ratio Lower Upper
152 100
150 158.0 126.4 189.6
115 66.9 47.0 70.4



#5
2-Fluorophenol
Concen: 50.152 ng
RT: 5.446 min Scan# 571
Delta R.T. -0.006 min
Lab File: BF136124.D
Acq: 03 Nov 2023 15:08

Tgt Ion:112 Resp: 359411
Ion Ratio Lower Upper
112 100
64 55.3 43.9 65.9
63 28.5 22.4 33.6

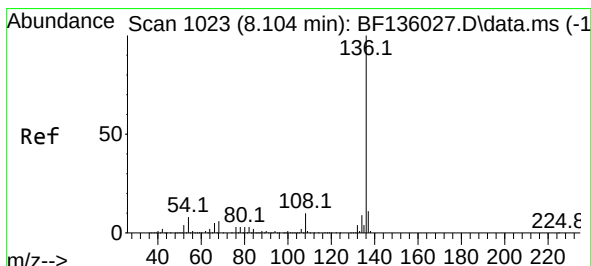
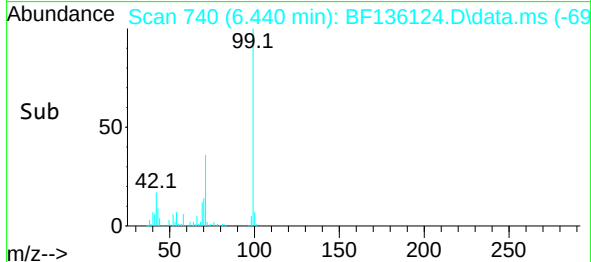
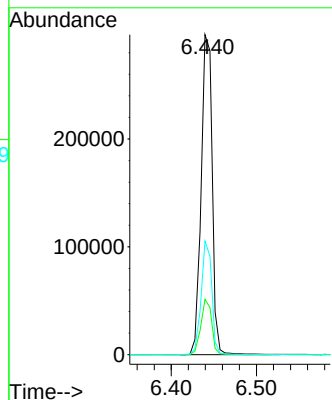
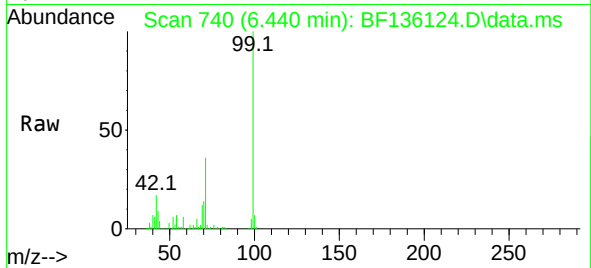




#7
Phenol-d6
Concen: 30.036 ng
RT: 6.440 min Scan# 74
Delta R.T. -0.017 min
Lab File: BF136124.D
Acq: 03 Nov 2023 15:08

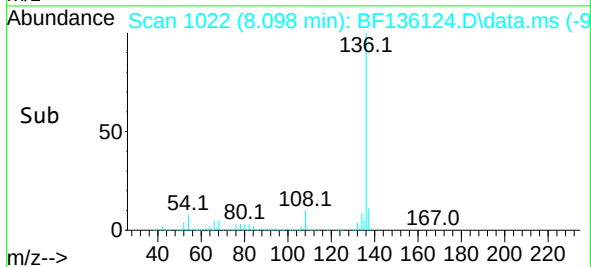
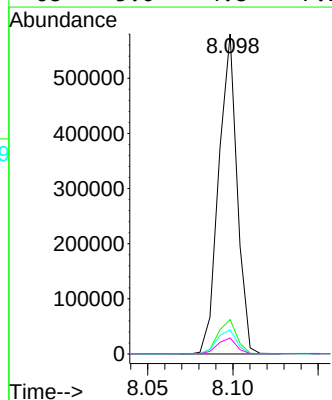
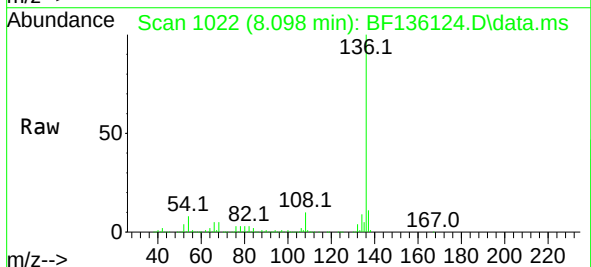
Instrument :
BNA_F
ClientSampleId :
MW-2

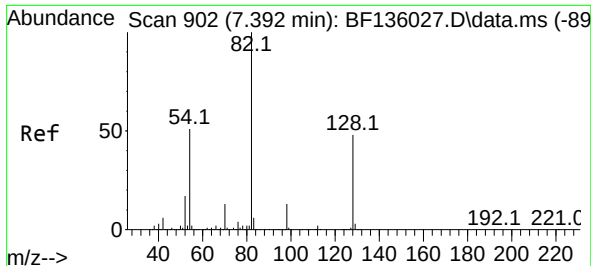
Tgt Ion: 99 Resp: 268188
Ion Ratio Lower Upper
99 100
42 17.3 13.7 20.5
71 35.5 25.9 38.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.098 min Scan# 1022
Delta R.T. -0.006 min
Lab File: BF136124.D
Acq: 03 Nov 2023 15:08

Tgt Ion: 136 Resp: 435639
Ion Ratio Lower Upper
136 100
137 10.7 8.6 13.0
54 7.5 6.6 9.8
68 5.0 4.8 7.2





#23

Nitrobenzene-d5

Concen: 86.927 ng

RT: 7.381 min Scan# 90

Delta R.T. -0.012 min

Lab File: BF136124.D

Acq: 03 Nov 2023 15:08

Instrument :

BNA_F

ClientSampleId :

MW-2

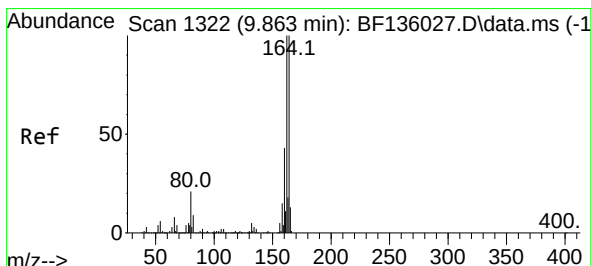
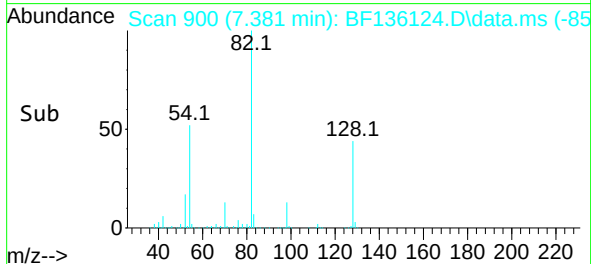
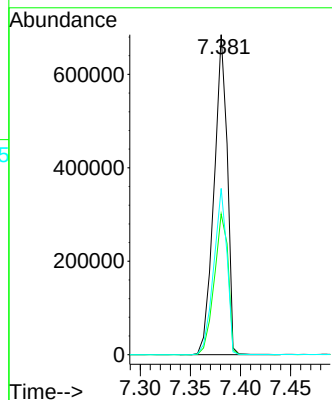
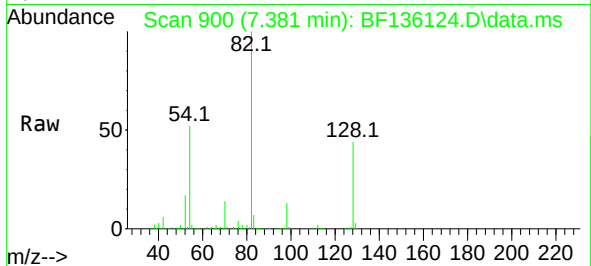
Tgt Ion: 82 Resp: 628186

Ion Ratio Lower Upper

82 100

128 44.0 38.6 57.8

54 52.0 40.8 61.2



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.857 min Scan# 1321

Delta R.T. -0.006 min

Lab File: BF136124.D

Acq: 03 Nov 2023 15:08

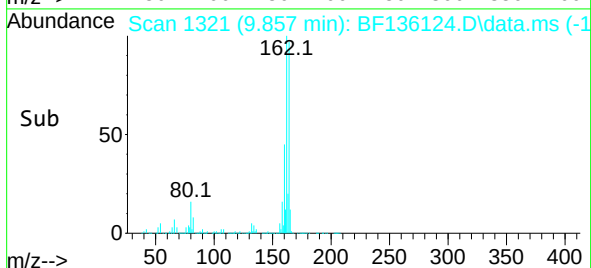
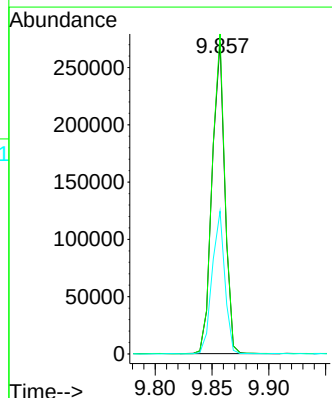
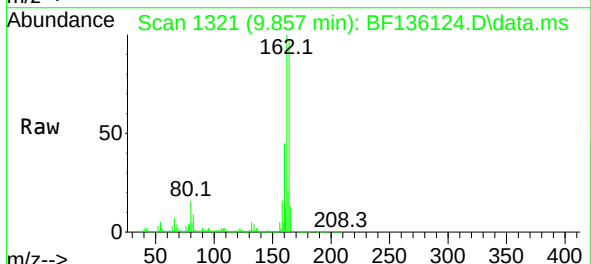
Tgt Ion:164 Resp: 211150

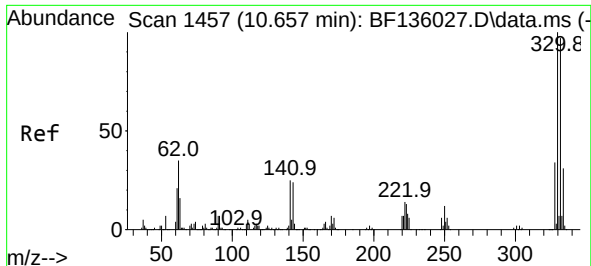
Ion Ratio Lower Upper

164 100

162 102.7 80.1 120.1

160 45.8 34.8 52.2





#42

2,4,6-Tribromophenol

Concen: 115.418 ng

RT: 10.651 min Scan# 1457

Delta R.T. -0.006 min

Lab File: BF136124.D

Acq: 03 Nov 2023 15:08

Instrument :

BNA_F

ClientSampleId :

MW-2

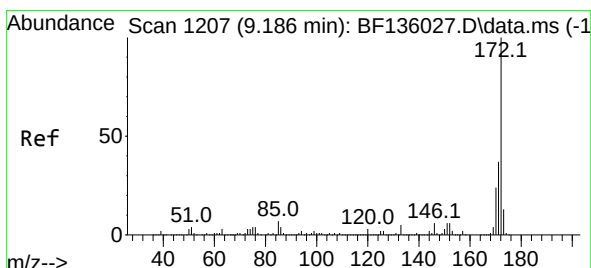
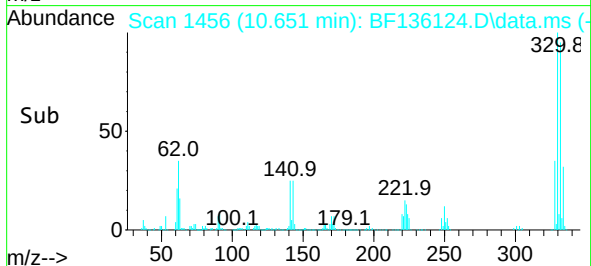
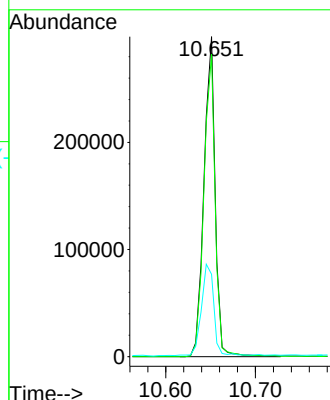
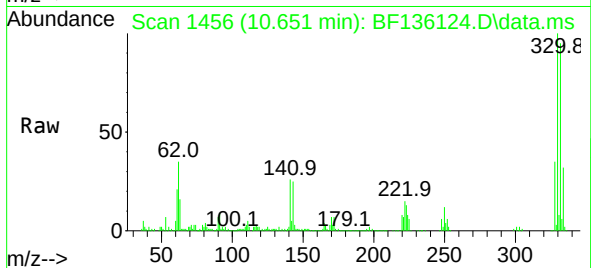
Tgt Ion:330 Resp: 260125

Ion Ratio Lower Upper

330 100

332 95.2 76.9 115.3

141 32.0 23.2 34.8



#45

2-Fluorobiphenyl

Concen: 86.013 ng

RT: 9.181 min Scan# 1206

Delta R.T. -0.006 min

Lab File: BF136124.D

Acq: 03 Nov 2023 15:08

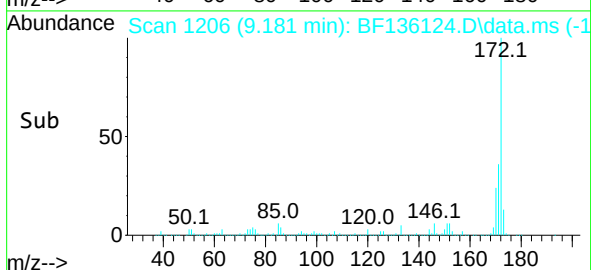
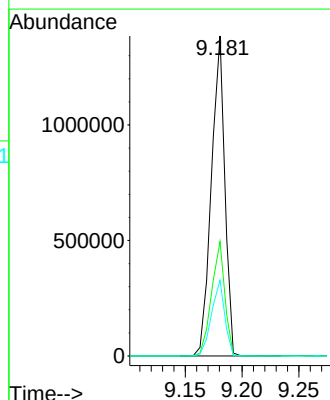
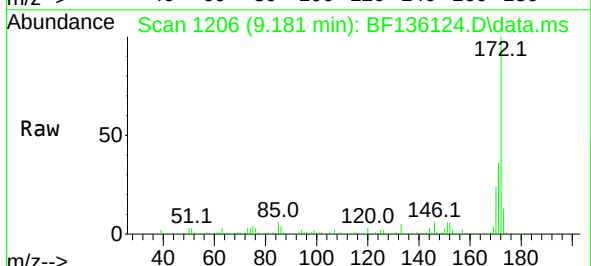
Tgt Ion:172 Resp: 1139303

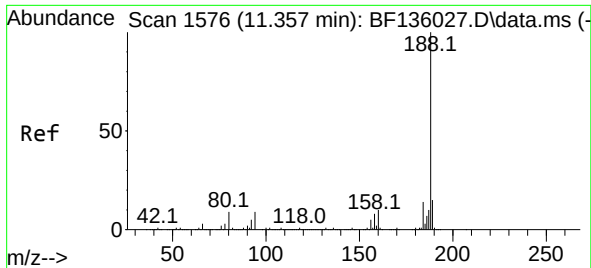
Ion Ratio Lower Upper

172 100

171 35.8 29.4 44.0

170 23.6 19.3 28.9

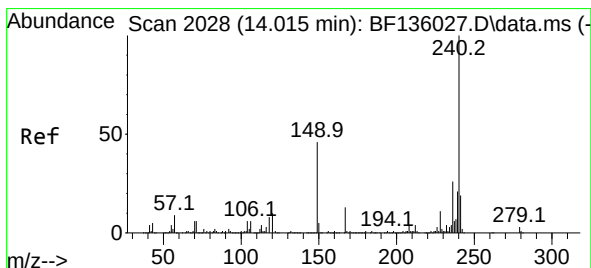
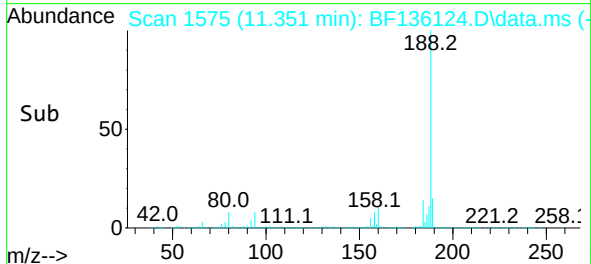
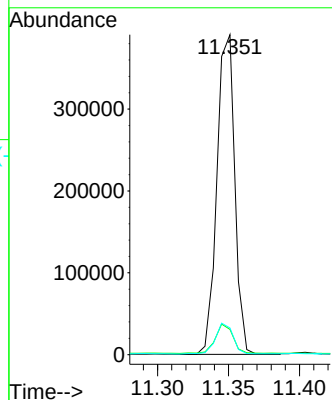
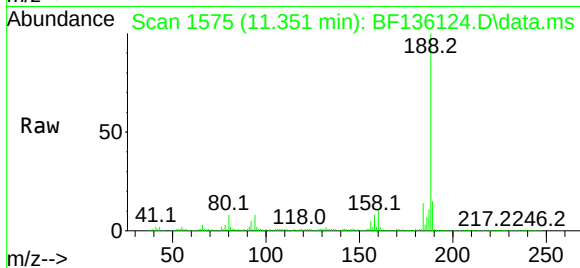




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.351 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF136124.D
Acq: 03 Nov 2023 15:08

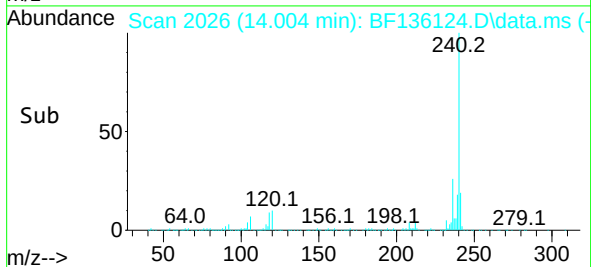
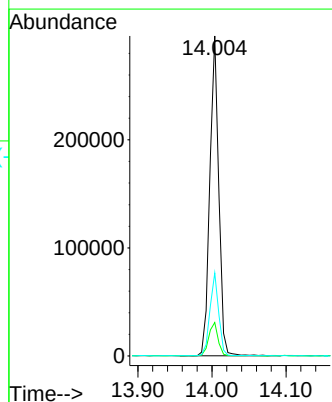
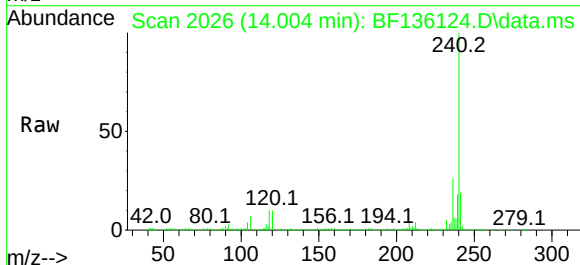
Instrument :
BNA_F
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MW-2

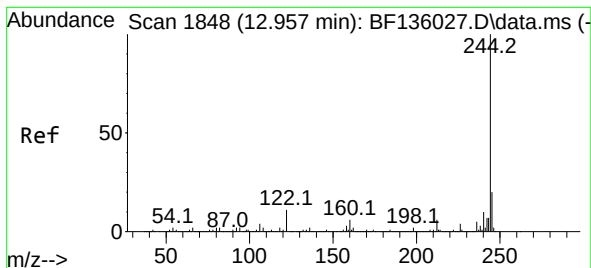
Tgt Ion:188 Resp: 341534
Ion Ratio Lower Upper
188 100
94 7.9 7.2 10.8
80 8.4 7.4 11.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.004 min Scan# 2026
Delta R.T. -0.012 min
Lab File: BF136124.D
Acq: 03 Nov 2023 15:08

Tgt Ion:240 Resp: 248511
Ion Ratio Lower Upper
240 100
120 10.5 7.6 11.4
236 26.0 20.6 31.0





#79

Terphenyl-d14

Concen: 68.283 ng

RT: 12.951 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF136124.D

Acq: 03 Nov 2023 15:08

Instrument :

BNA_F

ClientSampleId :

MW-2

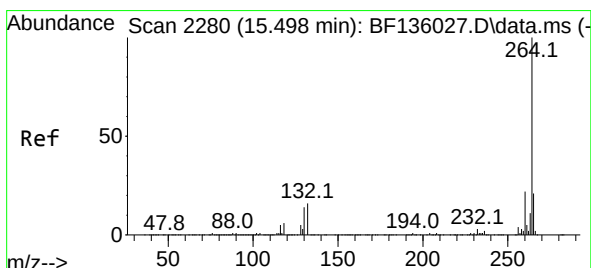
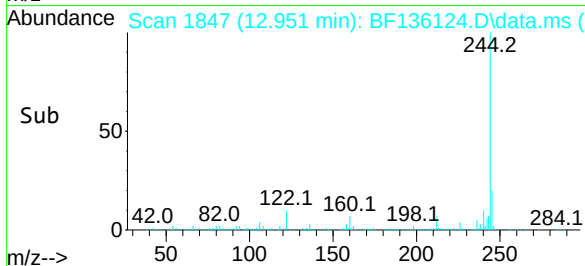
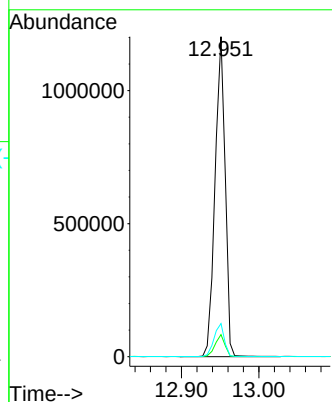
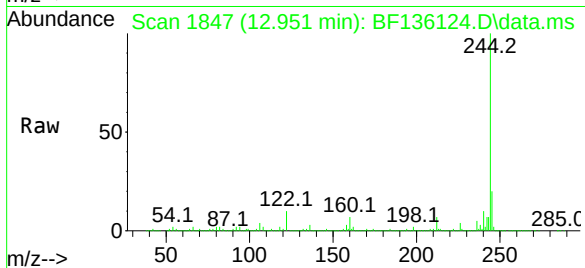
Tgt Ion:244 Resp: 1091939

Ion Ratio Lower Upper

244 100

212 6.9 5.1 7.7

122 10.3 8.6 12.8



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.492 min Scan# 2279

Delta R.T. -0.006 min

Lab File: BF136124.D

Acq: 03 Nov 2023 15:08

Tgt Ion:264 Resp: 305915

Ion Ratio Lower Upper

264 100

260 23.7 17.9 26.9

265 21.7 16.8 25.2

