

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110723\
 Data File : BF136177.D
 Acq On : 07 Nov 2023 15:47
 Operator : CG\JU
 Sample : PB156921BL
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB156921BL

Quant Time: Nov 08 02:57:05 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 08 02:12:01 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.816	152	92028	20.000	ng	0.00
21) Naphthalene-d8	8.098	136	367949	20.000	ng	0.00
39) Acenaphthene-d10	9.857	164	188969	20.000	ng	0.00
64) Phenanthrene-d10	11.351	188	341560	20.000	ng	0.00
76) Chrysene-d12	14.004	240	196372	20.000	ng	0.00
86) Perylene-d12	15.492	264	181071	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.457	112	725672	125.554	ng	0.01
7) Phenol-d6	6.451	99	891315	125.322	ng	0.00
23) Nitrobenzene-d5	7.381	82	571281	86.641	ng	0.00
42) 2,4,6-Tribromophenol	10.651	330	259719	131.228	ng	0.00
45) 2-Fluorobiphenyl	9.181	172	1087912	85.101	ng	0.00
79) Terphenyl-d14	12.951	244	1174267	84.882	ng	0.00

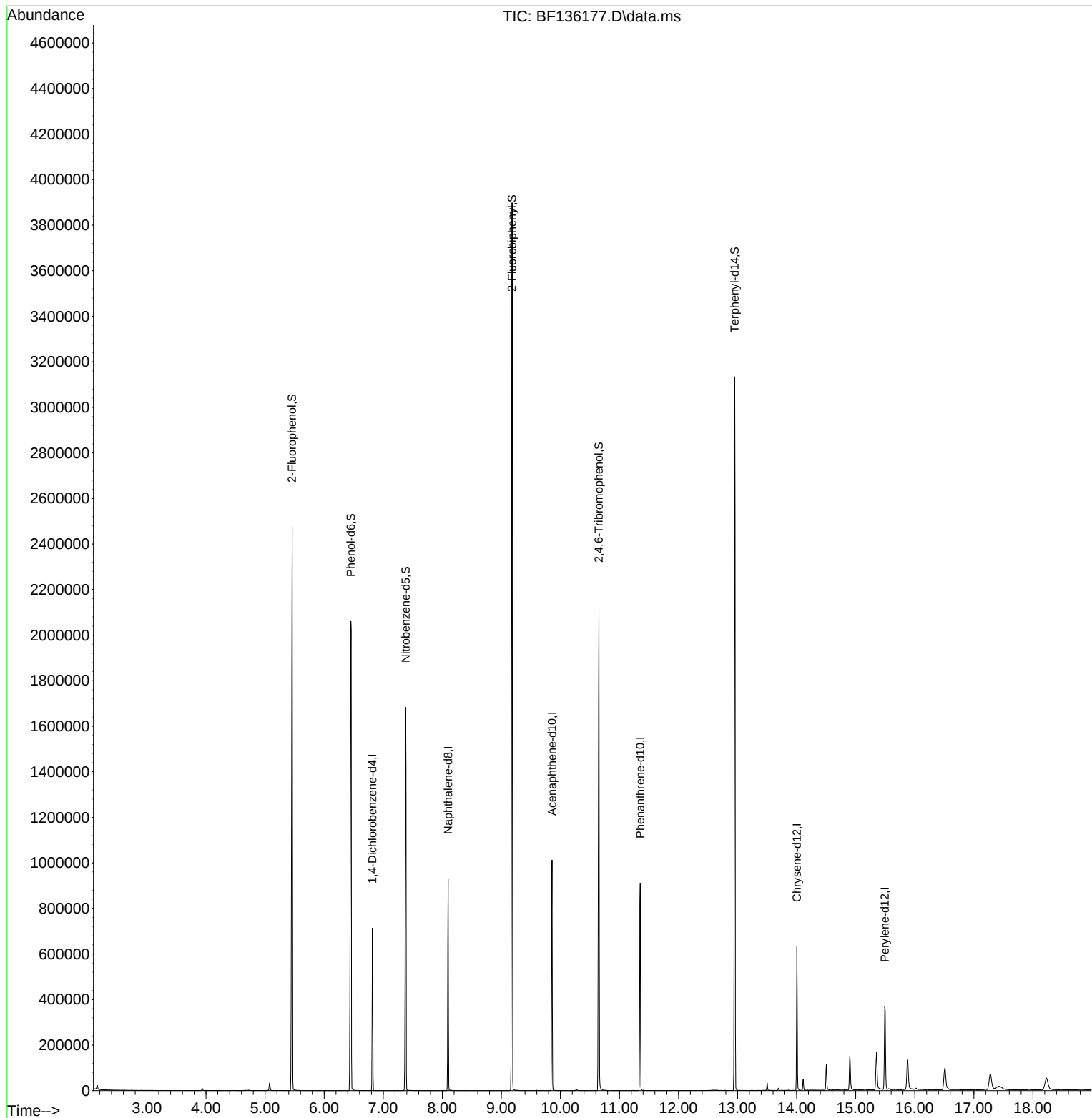
Target Compounds	Qvalue

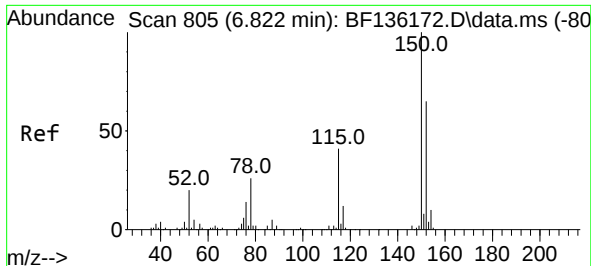
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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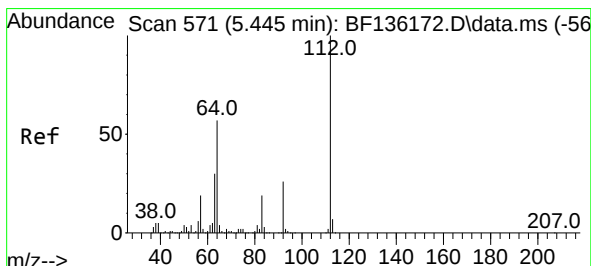
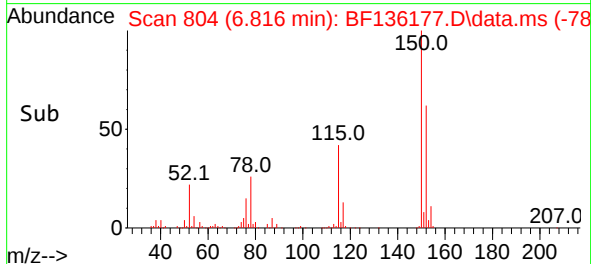
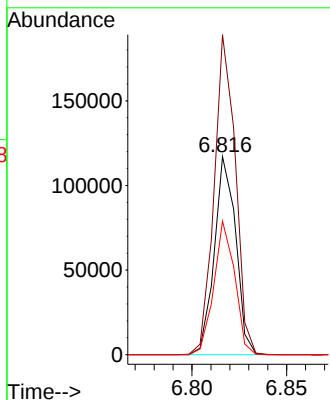
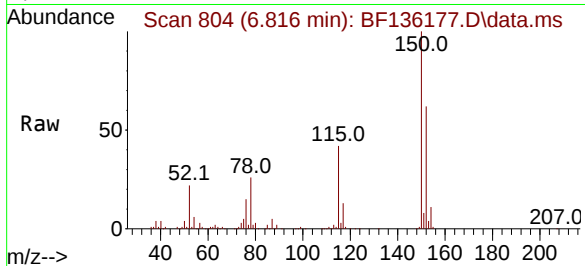




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.816 min Scan# 805
Delta R.T. -0.006 min
Lab File: BF136177.D
Acq: 07 Nov 2023 15:47

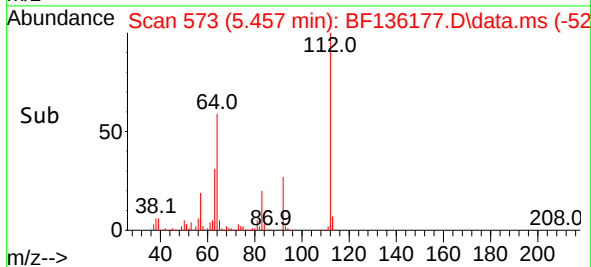
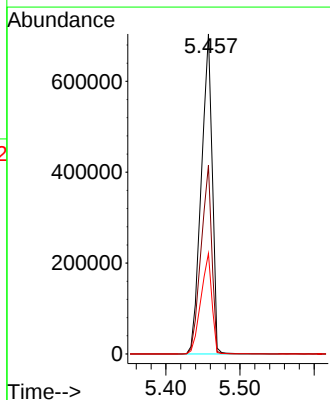
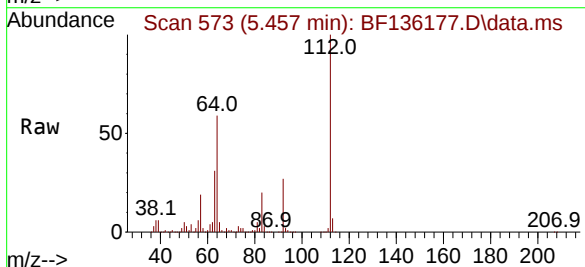
Instrument :
BNA_F
ClientSampleId :
PB156921BL

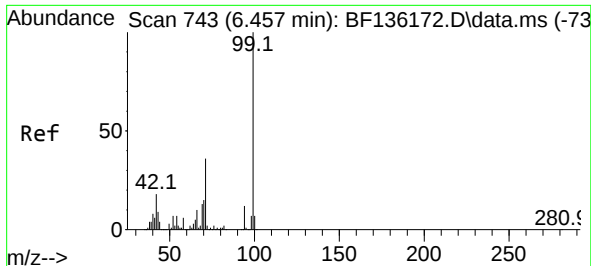
Tgt Ion:152 Resp: 92028
Ion Ratio Lower Upper
152 100
150 161.6 123.1 184.7
115 67.4 50.5 75.7



#5
2-Fluorophenol
Concen: 125.554 ng
RT: 5.457 min Scan# 573
Delta R.T. 0.012 min
Lab File: BF136177.D
Acq: 07 Nov 2023 15:47

Tgt Ion:112 Resp: 725672
Ion Ratio Lower Upper
112 100
64 58.9 45.4 68.0
63 31.4 24.4 36.6

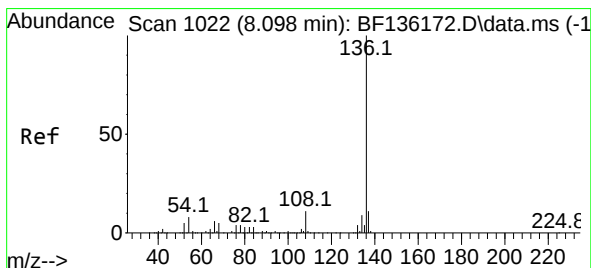
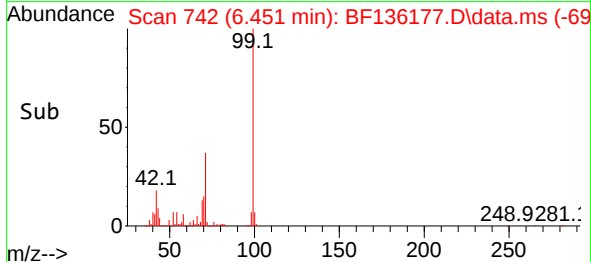
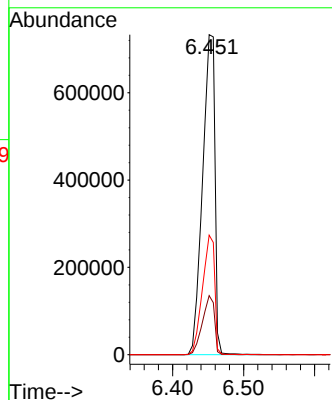
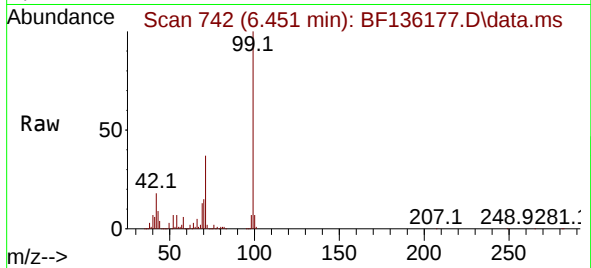




#7
Phenol-d6
Concen: 125.322 ng
RT: 6.451 min Scan# 743
Delta R.T. -0.006 min
Lab File: BF136177.D
Acq: 07 Nov 2023 15:47

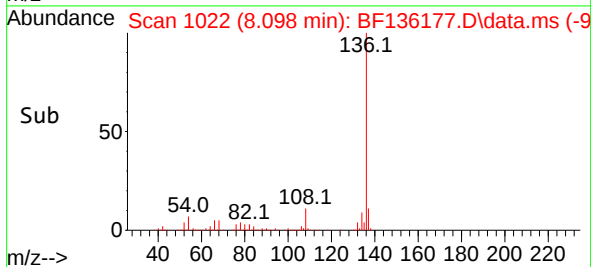
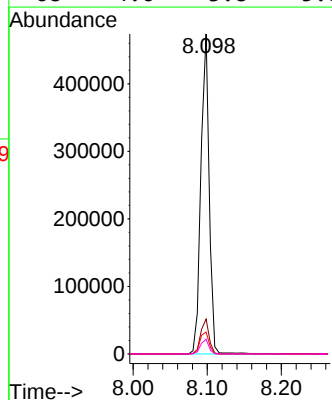
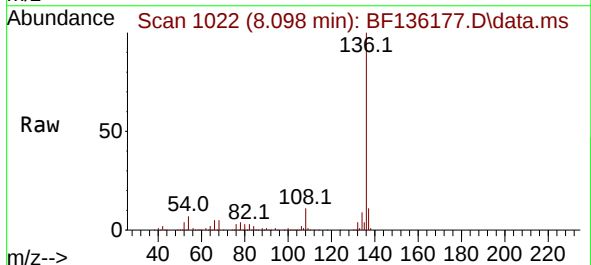
Instrument :
BNA_F
ClientSampleId :
PB156921BL

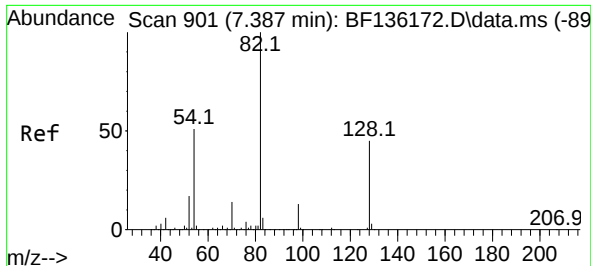
Tgt Ion: 99 Resp: 891315
Ion Ratio Lower Upper
99 100
42 18.4 14.1 21.1
71 37.3 29.0 43.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.098 min Scan# 1022
Delta R.T. 0.000 min
Lab File: BF136177.D
Acq: 07 Nov 2023 15:47

Tgt Ion: 136 Resp: 367949
Ion Ratio Lower Upper
136 100
137 10.9 8.6 13.0
54 6.9 6.3 9.5
68 4.6 3.8 5.8





#23

Nitrobenzene-d5

Concen: 86.641 ng

RT: 7.381 min Scan# 901

Delta R.T. -0.006 min

Lab File: BF136177.D

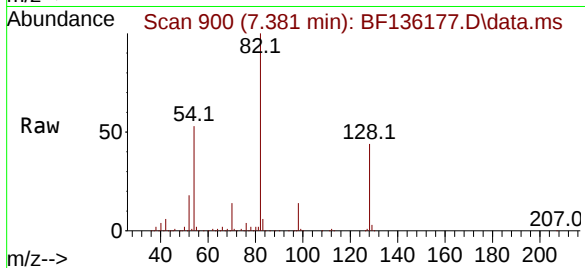
Acq: 07 Nov 2023 15:47

Instrument :

BNA_F

ClientSampleId :

PB156921BL



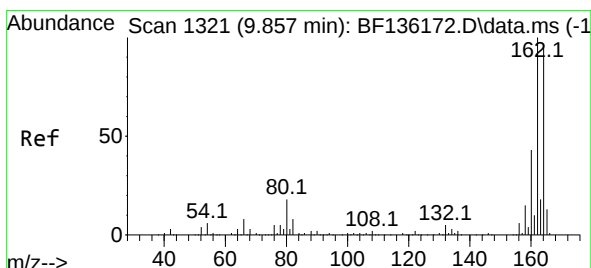
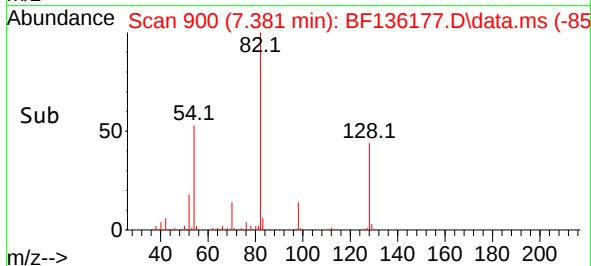
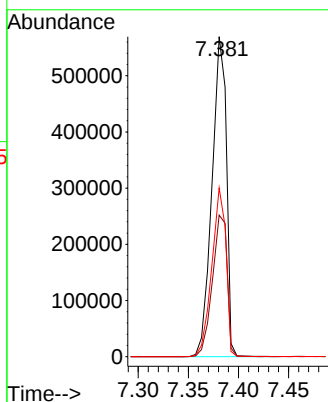
Tgt Ion: 82 Resp: 571281

Ion Ratio Lower Upper

82 100

128 44.3 35.8 53.6

54 52.8 40.6 60.8



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.857 min Scan# 1321

Delta R.T. 0.000 min

Lab File: BF136177.D

Acq: 07 Nov 2023 15:47

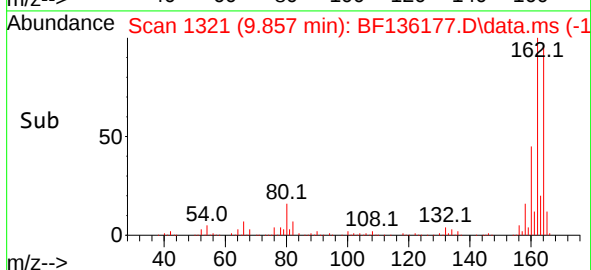
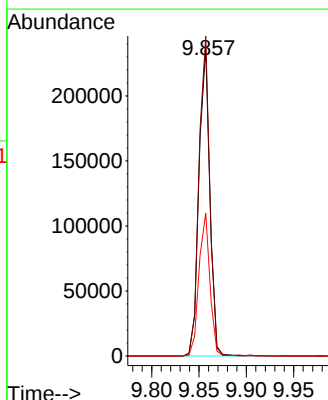
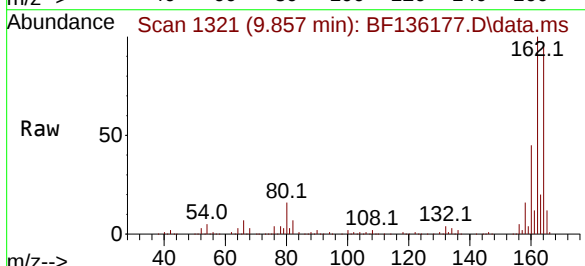
Tgt Ion: 164 Resp: 188969

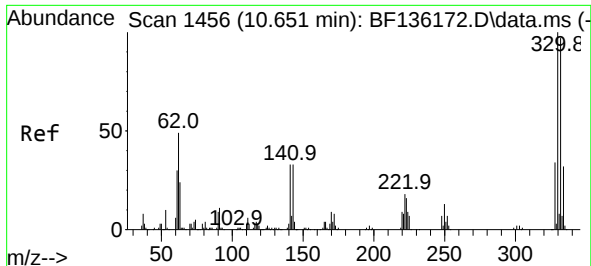
Ion Ratio Lower Upper

164 100

162 104.0 83.2 124.8

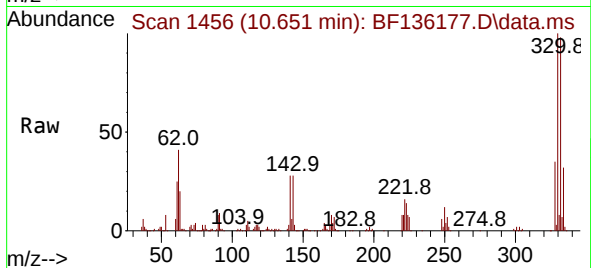
160 46.5 35.8 53.8



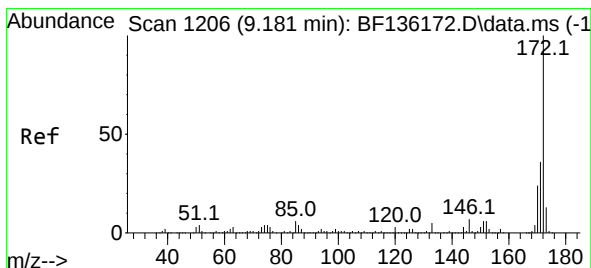
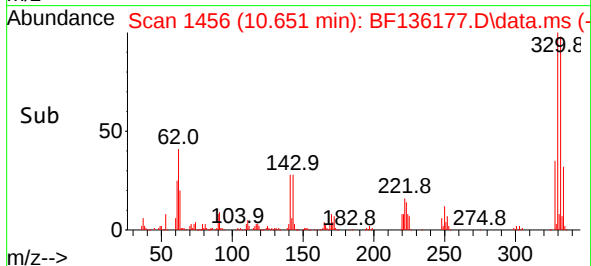
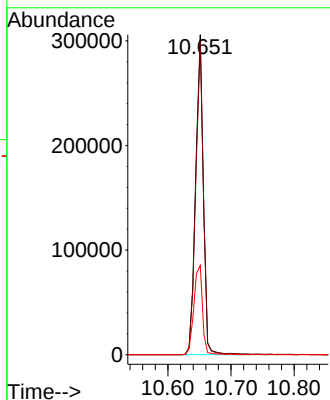


#42
2,4,6-Tribromophenol
Concen: 131.228 ng
RT: 10.651 min Scan# 1456
Delta R.T. 0.000 min
Lab File: BF136177.D
Acq: 07 Nov 2023 15:47

Instrument :
BNA_F
ClientSampleId :
PB156921BL

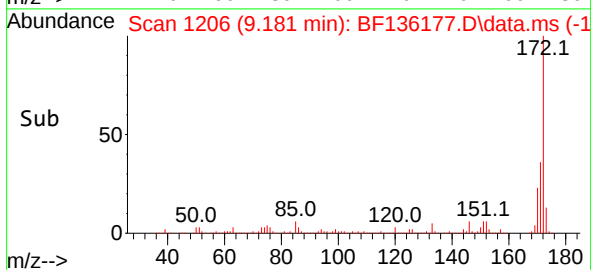
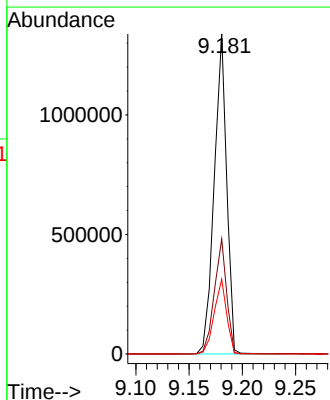
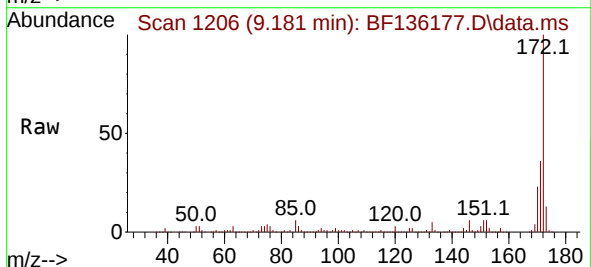


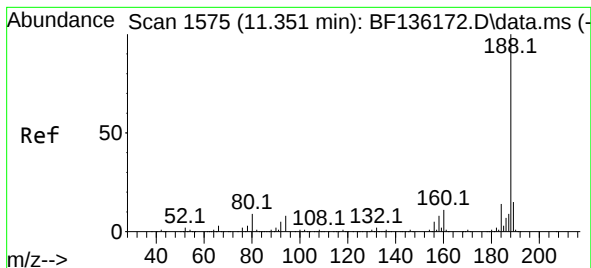
Tgt Ion:330 Resp: 259719
Ion Ratio Lower Upper
330 100
332 97.5 77.6 116.4
141 31.1 25.8 38.6



#45
2-Fluorobiphenyl
Concen: 85.101 ng
RT: 9.181 min Scan# 1206
Delta R.T. 0.000 min
Lab File: BF136177.D
Acq: 07 Nov 2023 15:47

Tgt Ion:172 Resp: 1087912
Ion Ratio Lower Upper
172 100
171 36.0 28.9 43.3
170 23.4 19.1 28.7





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.351 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF136177.D

Acq: 07 Nov 2023 15:47

Instrument :

BNA_F

ClientSampleId :

PB156921BL

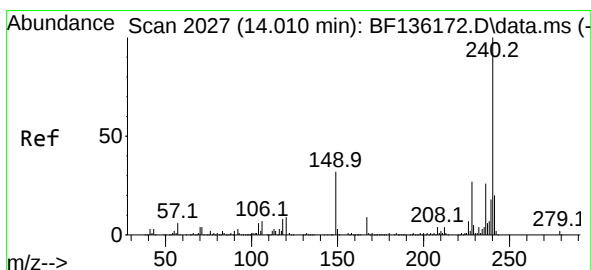
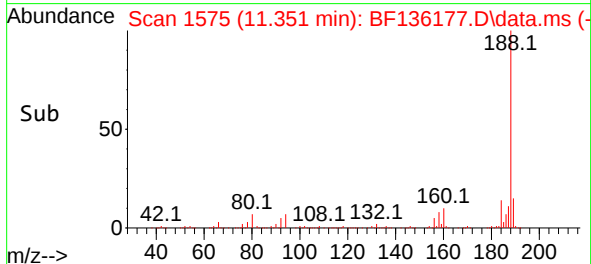
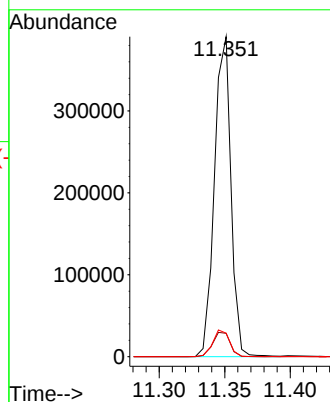
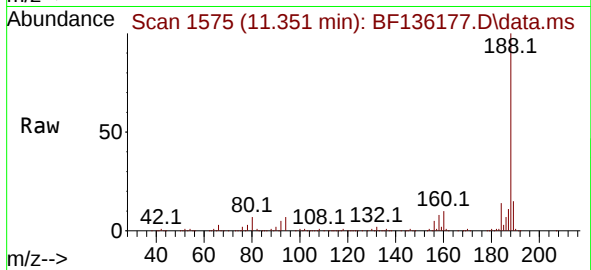
Tgt Ion:188 Resp: 341560

Ion Ratio Lower Upper

188 100

94 7.3 6.6 9.8

80 7.3 7.3 10.9



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.004 min Scan# 2026

Delta R.T. -0.006 min

Lab File: BF136177.D

Acq: 07 Nov 2023 15:47

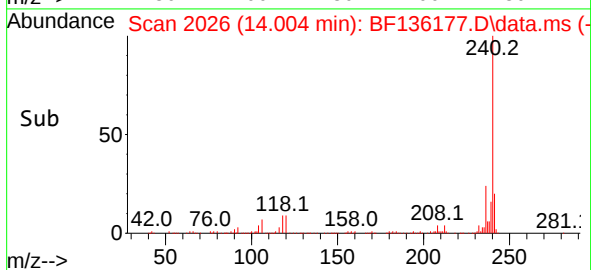
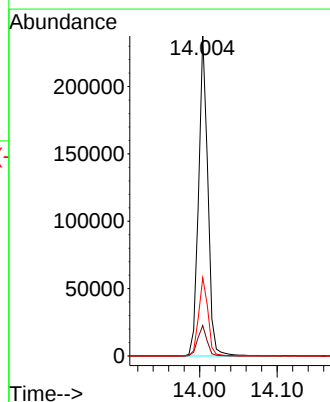
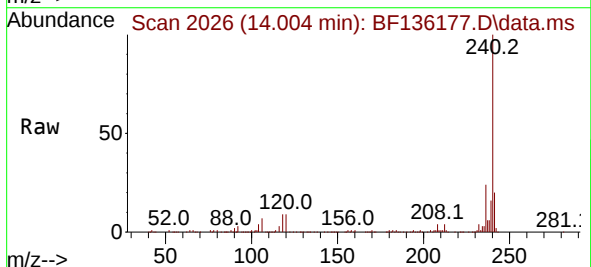
Tgt Ion:240 Resp: 196372

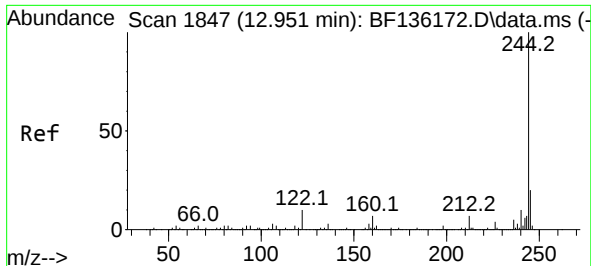
Ion Ratio Lower Upper

240 100

120 9.5 7.1 10.7

236 24.4 20.9 31.3

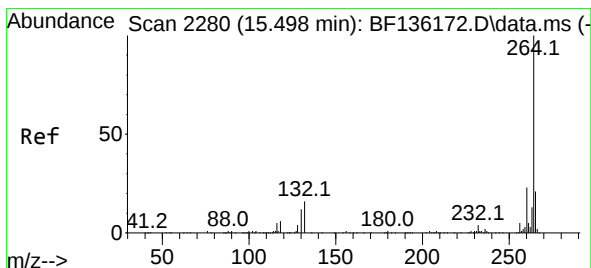
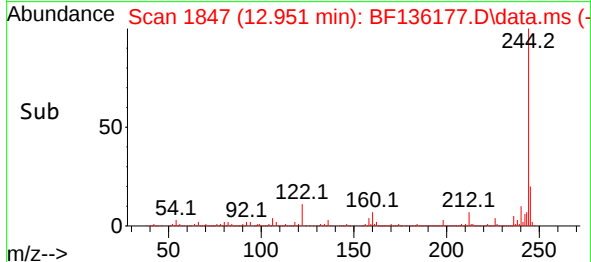
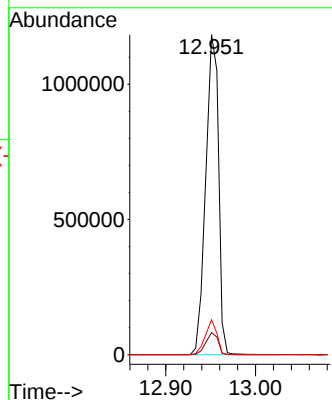
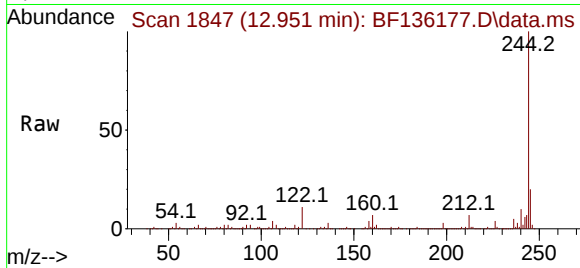




#79
 Terphenyl-d14
 Concen: 84.882 ng
 RT: 12.951 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BF136177.D
 Acq: 07 Nov 2023 15:47

Instrument :
 BNA_F
 ClientSampleId :
 PB156921BL

Tgt Ion:244 Resp: 1174267
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.4 8.0
 122 10.9 8.1 12.1



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.492 min Scan# 2279
 Delta R.T. -0.006 min
 Lab File: BF136177.D
 Acq: 07 Nov 2023 15:47

Tgt Ion:264 Resp: 181071
 Ion Ratio Lower Upper
 264 100
 260 22.4 18.5 27.7
 265 20.9 16.9 25.3

