

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120123\
 Data File : BF136330.D
 Acq On : 01 Dec 2023 11:04
 Operator : CG\JU
 Sample : PB157140BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB157140BL

Quant Time: Dec 01 13:15:23 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 28 03:04:20 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.804	152	140360	20.000	ng	0.00
21) Naphthalene-d8	8.080	136	602583	20.000	ng	0.00
39) Acenaphthene-d10	9.839	164	311214	20.000	ng	0.00
64) Phenanthrene-d10	11.333	188	597689	20.000	ng	0.00
76) Chrysene-d12	13.986	240	278373	20.000	ng	0.00
86) Perylene-d12	15.474	264	246250	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.457	112	1235745	122.540	ng	0.02
7) Phenol-d6	6.445	99	1535899	121.808	ng	0.00
23) Nitrobenzene-d5	7.369	82	914450	80.192	ng	0.00
42) 2,4,6-Tribromophenol	10.639	330	478617	125.791	ng	0.00
45) 2-Fluorobiphenyl	9.163	172	1962463	80.545	ng	0.00
79) Terphenyl-d14	12.933	244	2085546	86.418	ng	0.00

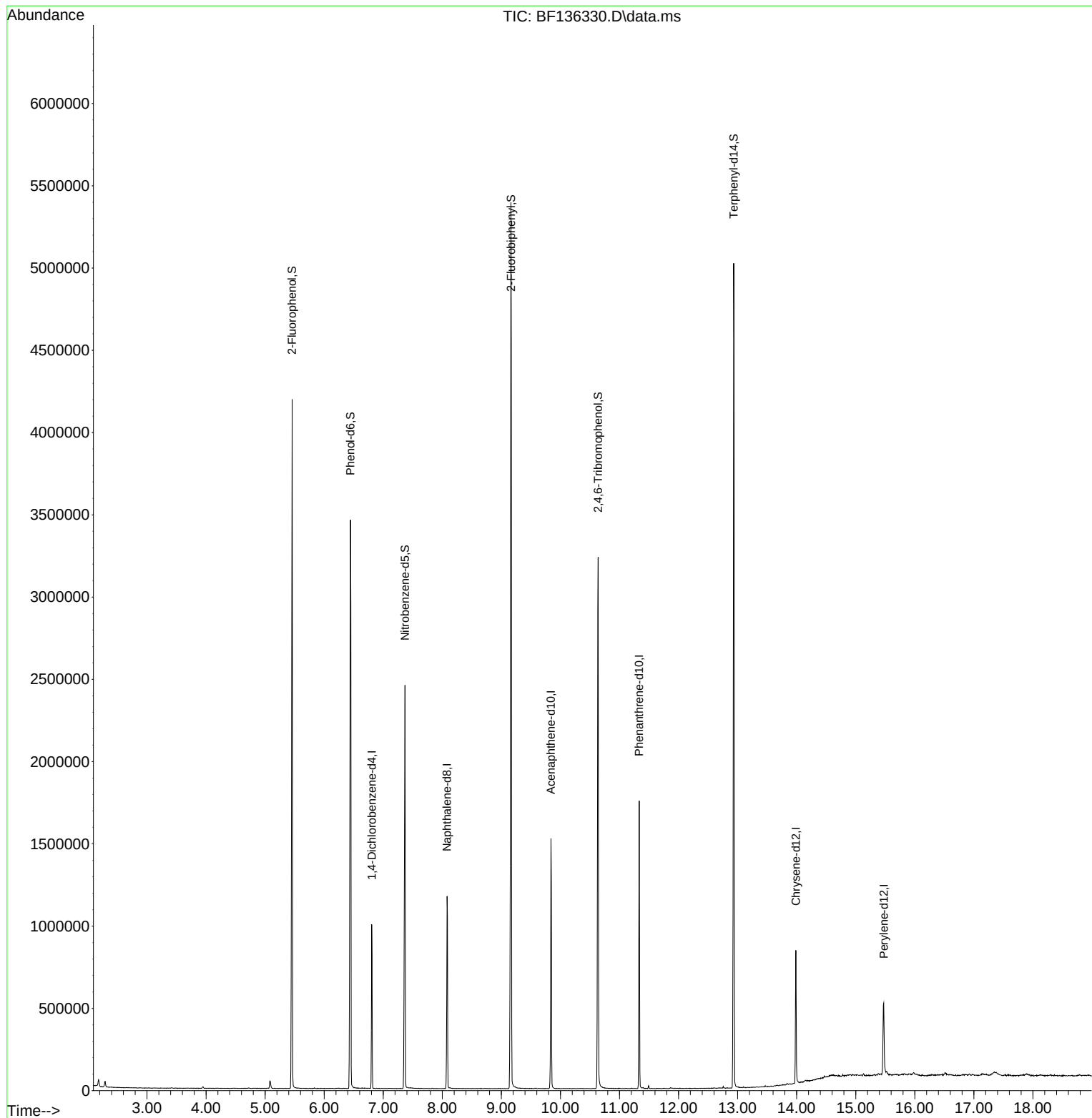
Target Compounds	Qvalue

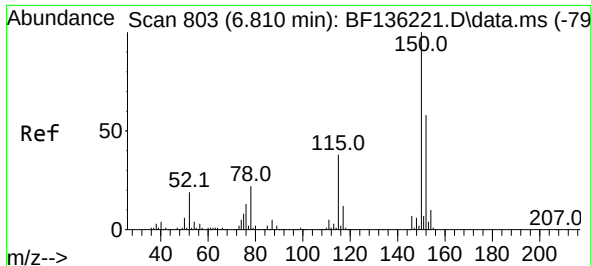
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120123\
Data File : BF136330.D
Acq On : 01 Dec 2023 11:04
Operator : CG\JU
Sample : PB157140BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB157140BL

Quant Time: Dec 01 13:15:23 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 28 03:04:20 2023
Response via : Initial Calibration

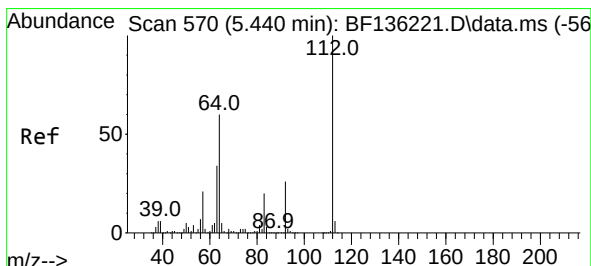
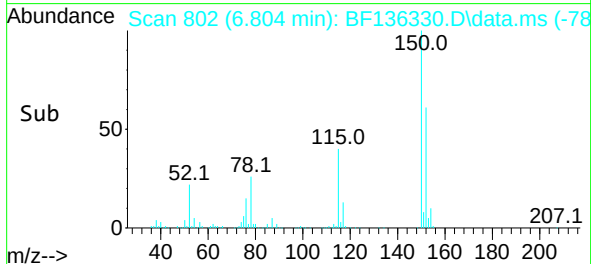
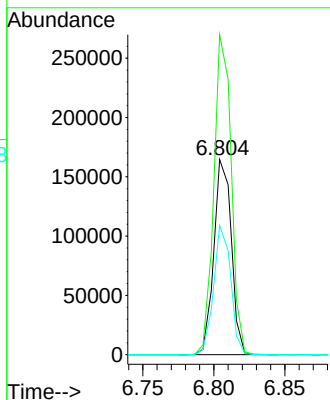
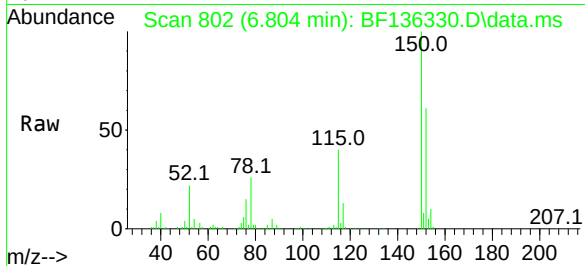




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.804 min Scan# 803
Delta R.T. -0.006 min
Lab File: BF136330.D
Acq: 01 Dec 2023 11:04

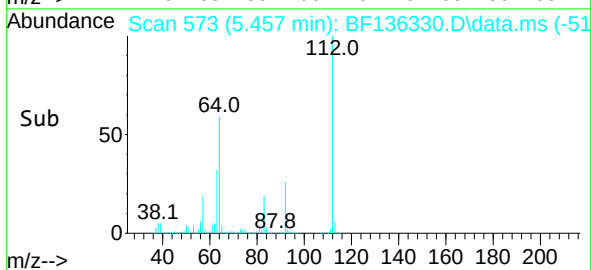
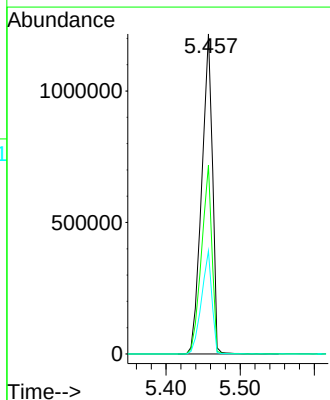
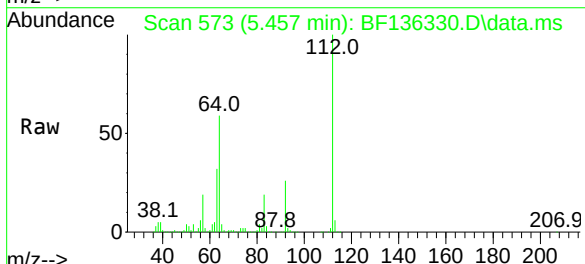
Instrument :
BNA_F
ClientSampleId :
PB157140BL

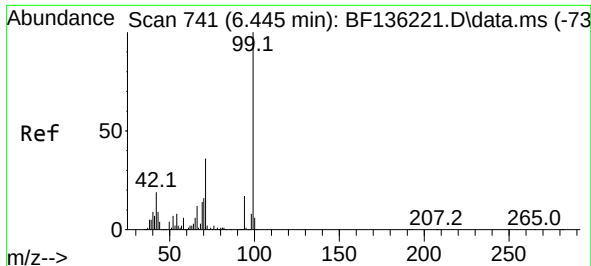
Tgt Ion:152 Resp: 140360
Ion Ratio Lower Upper
152 100
150 163.9 137.8 206.8
115 66.2 52.7 79.1



#5
2-Fluorophenol
Concen: 122.540 ng
RT: 5.457 min Scan# 573
Delta R.T. 0.018 min
Lab File: BF136330.D
Acq: 01 Dec 2023 11:04

Tgt Ion:112 Resp: 1235745
Ion Ratio Lower Upper
112 100
64 58.9 48.2 72.4
63 32.2 27.0 40.6

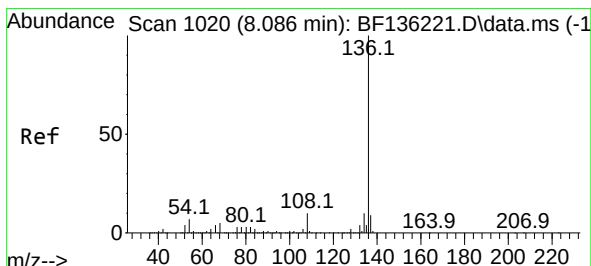
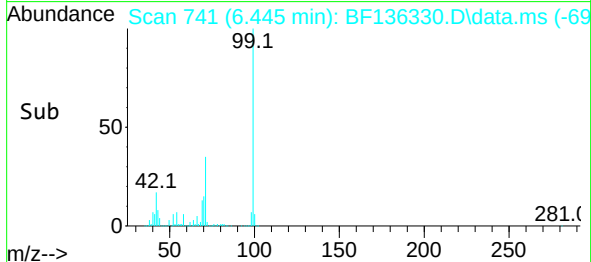
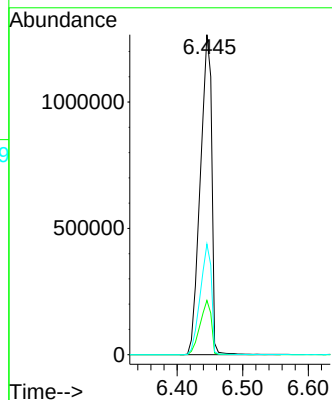
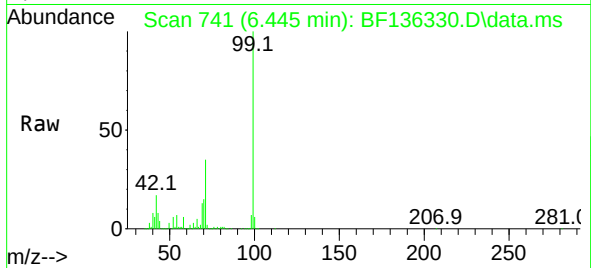




#7
Phenol-d6
Concen: 121.808 ng
RT: 6.445 min Scan# 741
Delta R.T. -0.000 min
Lab File: BF136330.D
Acq: 01 Dec 2023 11:04

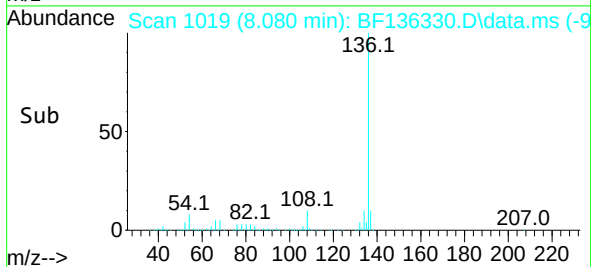
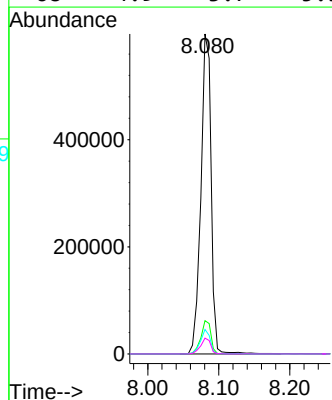
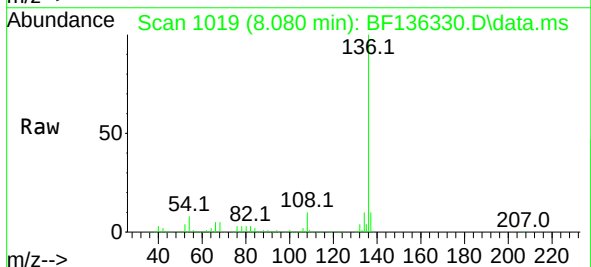
Instrument :
BNA_F
ClientSampleId :
PB157140BL

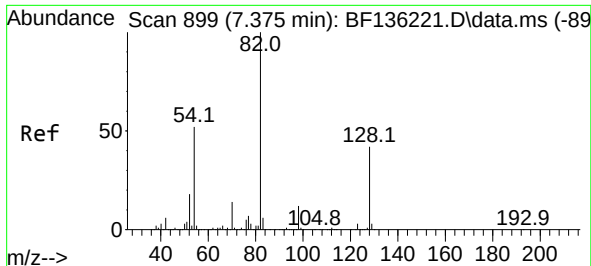
Tgt Ion: 99 Resp: 1535899
Ion Ratio Lower Upper
99 100
42 17.0 15.0 22.6
71 34.6 28.9 43.3



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.080 min Scan# 1019
Delta R.T. -0.006 min
Lab File: BF136330.D
Acq: 01 Dec 2023 11:04

Tgt Ion: 136 Resp: 602583
Ion Ratio Lower Upper
136 100
137 10.4 7.4 11.2
54 7.7 5.5 8.3
68 4.9 3.7 5.5





#23

Nitrobenzene-d5

Concen: 80.192 ng

RT: 7.369 min Scan# 89

Delta R.T. -0.006 min

Lab File: BF136330.D

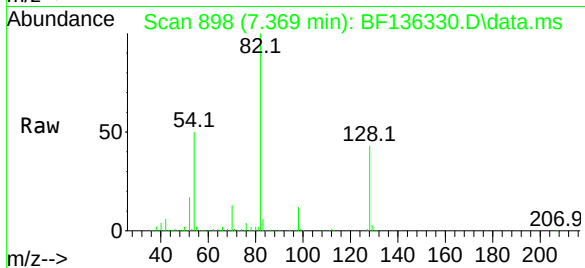
Acq: 01 Dec 2023 11:04

Instrument :

BNA_F

ClientSampleId :

PB157140BL



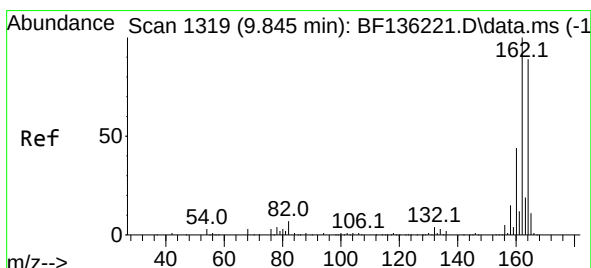
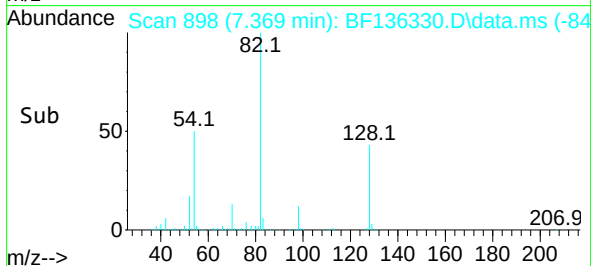
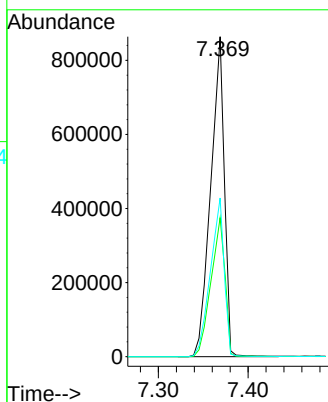
Tgt Ion: 82 Resp: 914450

Ion Ratio Lower Upper

82 100

128 43.5 33.4 50.2

54 49.6 41.7 62.5



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.839 min Scan# 1318

Delta R.T. -0.006 min

Lab File: BF136330.D

Acq: 01 Dec 2023 11:04

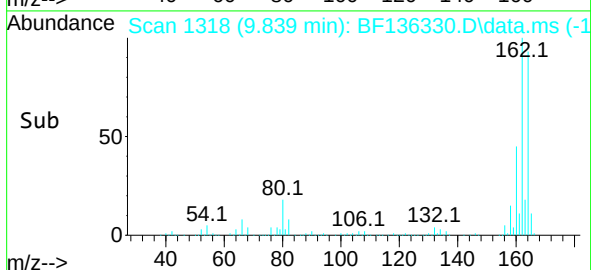
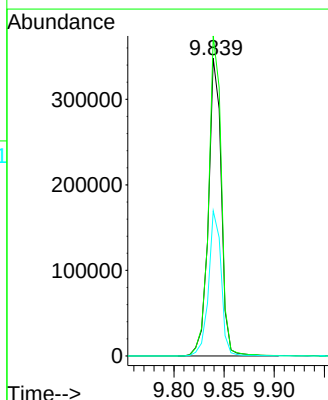
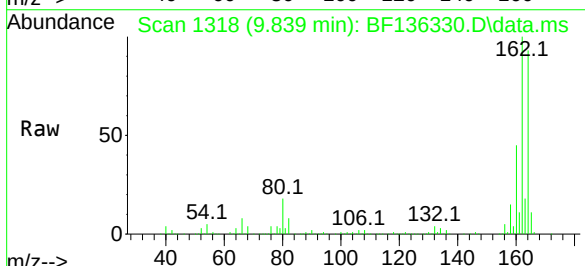
Tgt Ion:164 Resp: 311214

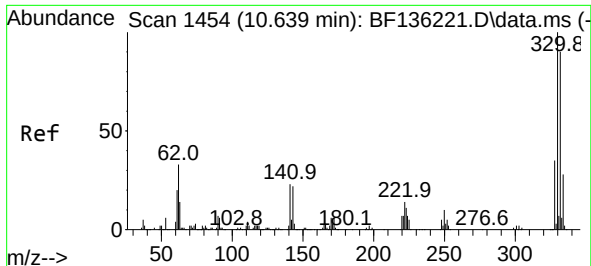
Ion Ratio Lower Upper

164 100

162 107.5 89.5 134.3

160 48.8 39.6 59.4





#42

2,4,6-Tribromophenol

Concen: 125.791 ng

RT: 10.639 min Scan# 1454

Delta R.T. -0.000 min

Lab File: BF136330.D

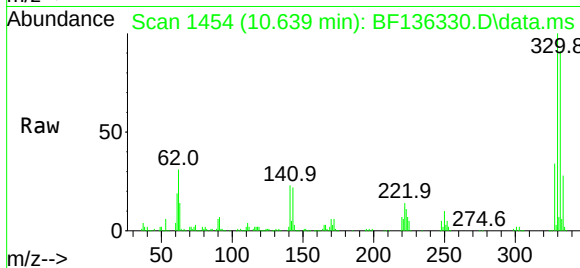
Acq: 01 Dec 2023 11:04

Instrument :

BNA_F

ClientSampleId :

PB157140BL



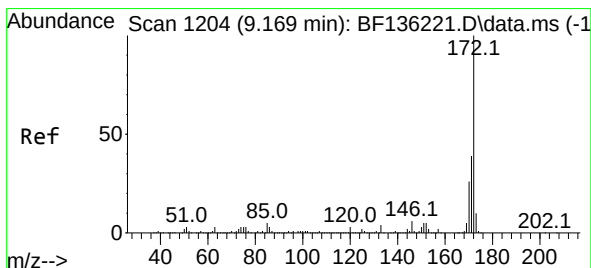
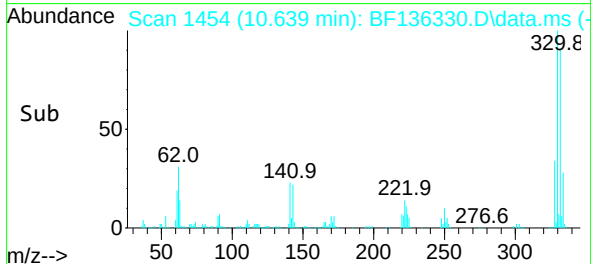
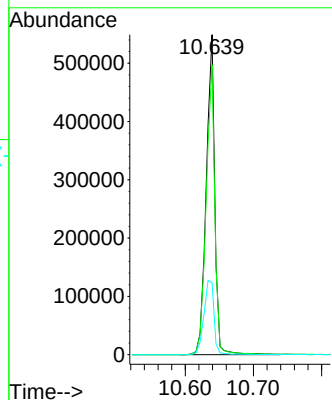
Tgt Ion:330 Resp: 478617

Ion Ratio Lower Upper

330 100

332 92.3 73.0 109.6

141 27.9 24.2 36.2



#45

2-Fluorobiphenyl

Concen: 80.545 ng

RT: 9.163 min Scan# 1203

Delta R.T. -0.006 min

Lab File: BF136330.D

Acq: 01 Dec 2023 11:04

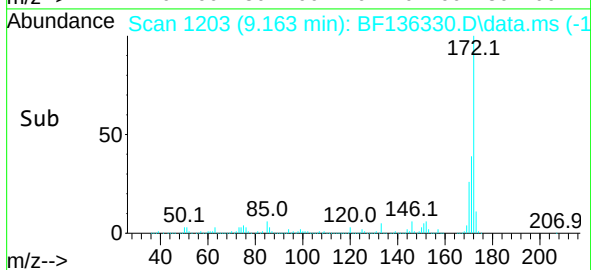
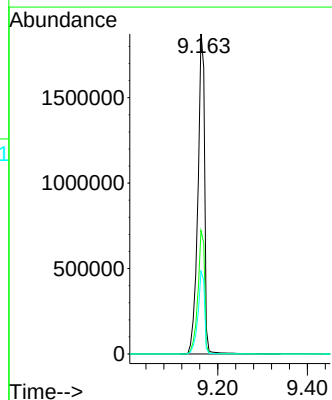
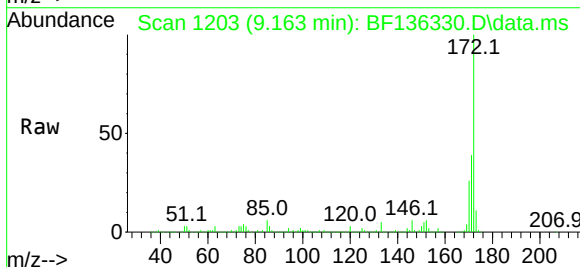
Tgt Ion:172 Resp: 1962463

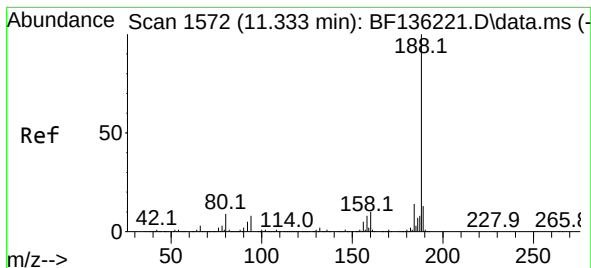
Ion Ratio Lower Upper

172 100

171 38.6 31.5 47.3

170 25.9 20.8 31.2





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.333 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF136330.D

Acq: 01 Dec 2023 11:04

Instrument :

BNA_F

ClientSampleId :

PB157140BL

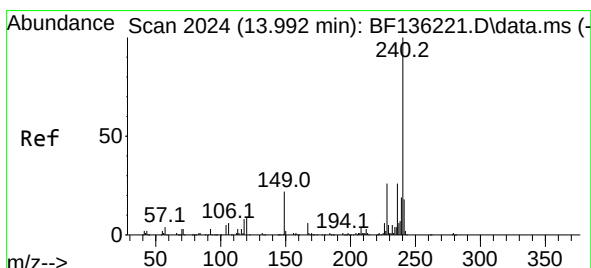
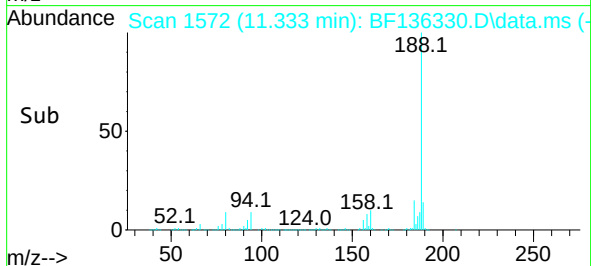
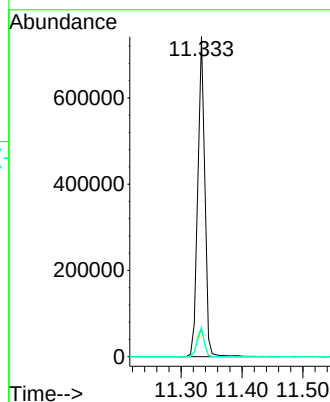
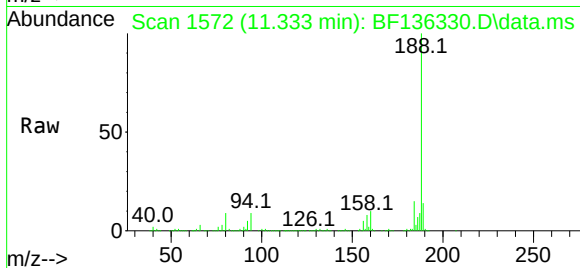
Tgt Ion:188 Resp: 597689

Ion Ratio Lower Upper

188 100

94 8.7 6.7 10.1

80 9.2 7.2 10.8



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.986 min Scan# 2023

Delta R.T. -0.006 min

Lab File: BF136330.D

Acq: 01 Dec 2023 11:04

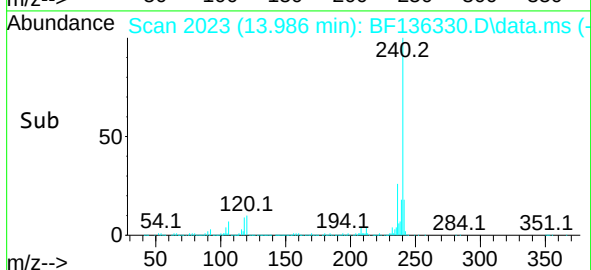
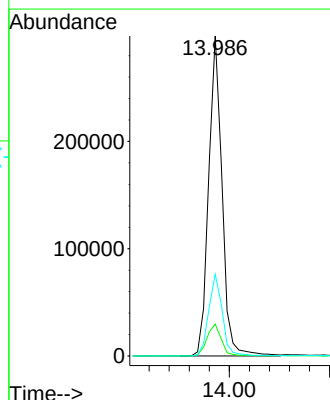
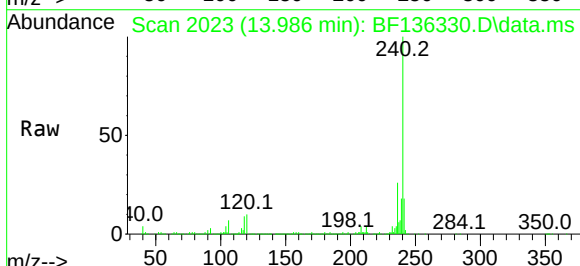
Tgt Ion:240 Resp: 278373

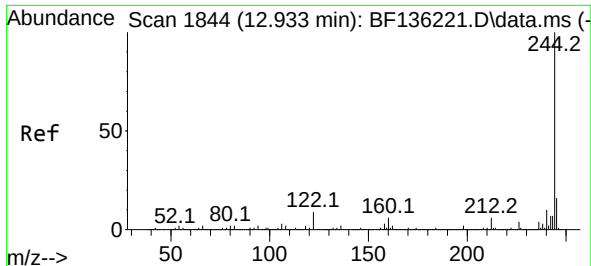
Ion Ratio Lower Upper

240 100

120 9.9 7.4 11.2

236 25.5 21.1 31.7

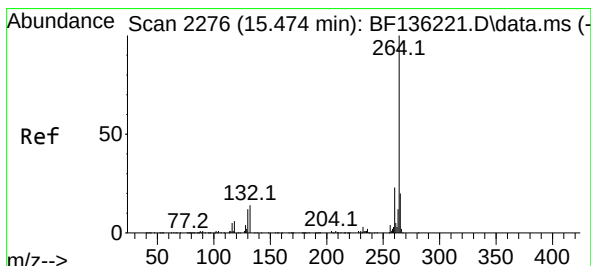
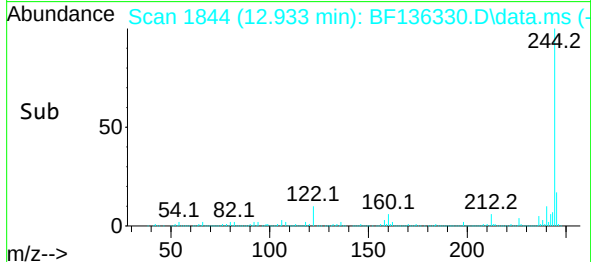
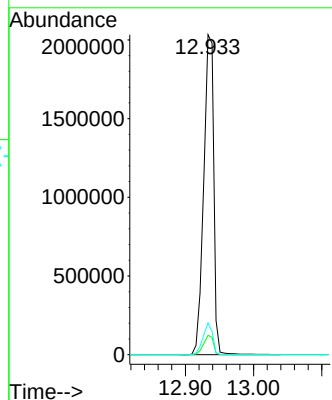
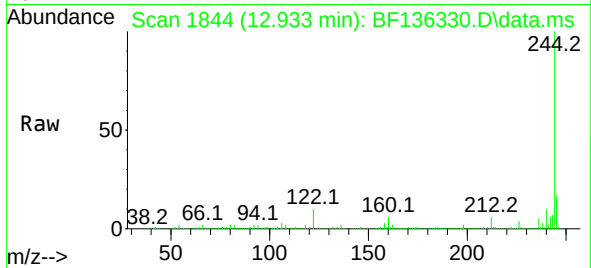




#79
 Terphenyl-d14
 Concen: 86.418 ng
 RT: 12.933 min Scan# 1844
 Delta R.T. -0.000 min
 Lab File: BF136330.D
 Acq: 01 Dec 2023 11:04

Instrument :
 BNA_F
 ClientSampleId :
 PB157140BL

Tgt Ion:244 Resp: 2085546
 Ion Ratio Lower Upper
 244 100
 212 6.1 4.6 7.0
 122 9.9 7.3 10.9



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.474 min Scan# 2276
 Delta R.T. 0.000 min
 Lab File: BF136330.D
 Acq: 01 Dec 2023 11:04

Tgt Ion:264 Resp: 246250
 Ion Ratio Lower Upper
 264 100
 260 23.5 18.6 27.8
 265 20.8 15.7 23.5

