

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF113023\
 Data File : BF136307.D
 Acq On : 30 Nov 2023 11:36
 Operator : CG\JU
 Sample : PB157351TB
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB157351TB

Quant Time: Nov 30 12:01:03 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	131176	20.000	ng	0.00
21) Naphthalene-d8	8.081	136	557000	20.000	ng	0.00
39) Acenaphthene-d10	9.839	164	293168	20.000	ng	0.00
64) Phenanthrene-d10	11.333	188	578335	20.000	ng	0.00
76) Chrysene-d12	13.980	240	314985	20.000	ng	-0.01
86) Perylene-d12	15.468	264	240082	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.451	112	1225466	130.029	ng	0.01
7) Phenol-d6	6.445	99	1503468	127.584	ng	0.00
23) Nitrobenzene-d5	7.369	82	940657	89.241	ng	0.00
42) 2,4,6-Tribromophenol	10.633	330	494849	138.063	ng	0.00
45) 2-Fluorobiphenyl	9.163	172	2004128	87.318	ng	0.00
79) Terphenyl-d14	12.933	244	2426940	88.876	ng	0.00

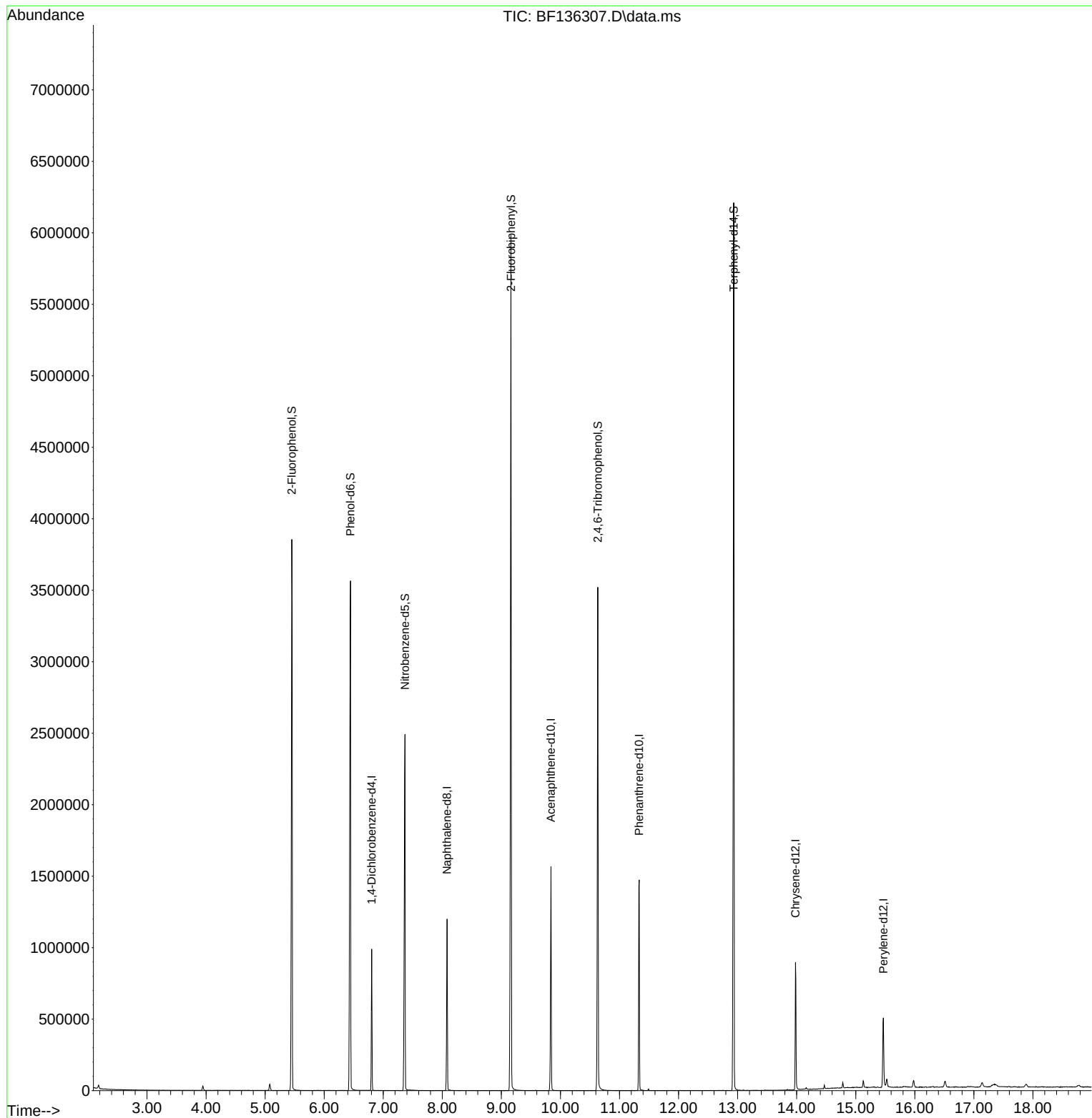
Target Compounds	Qvalue

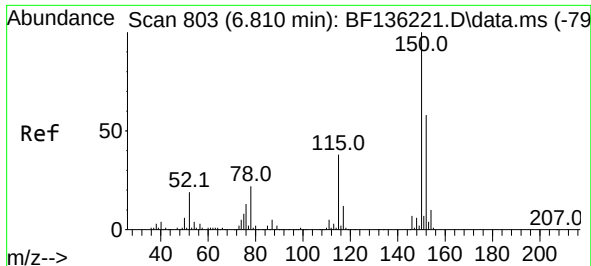
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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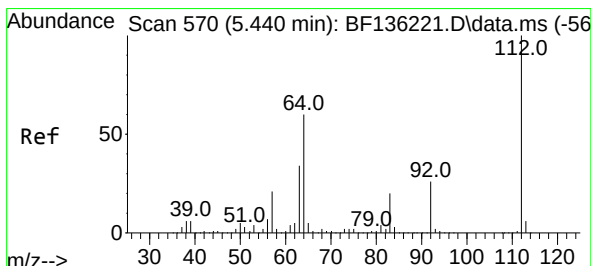
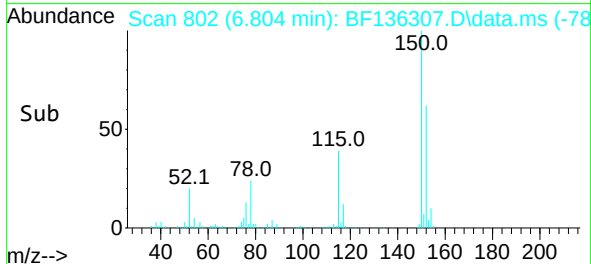
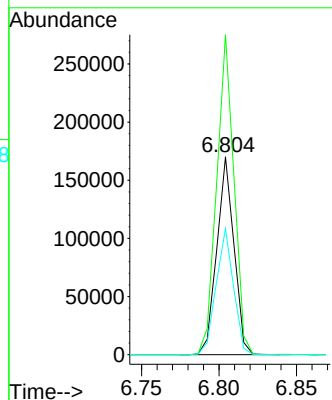
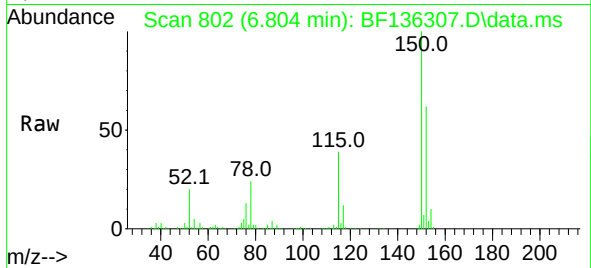




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.804 min Scan# 803
Delta R.T. -0.006 min
Lab File: BF136307.D
Acq: 30 Nov 2023 11:36

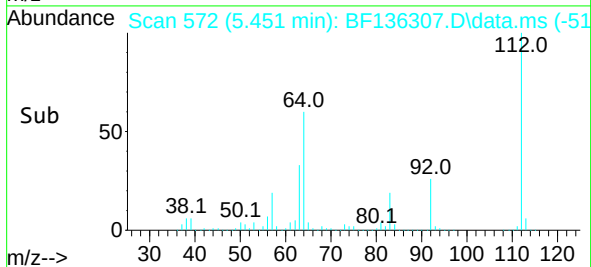
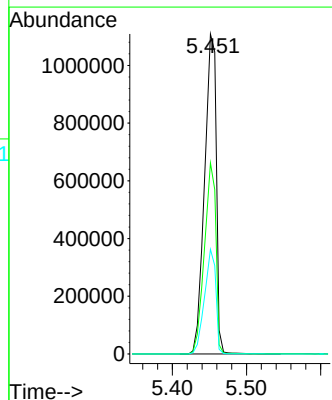
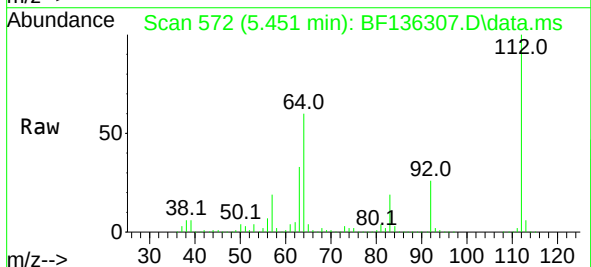
Instrument :
BNA_F
ClientSampleId :
PB157351TB

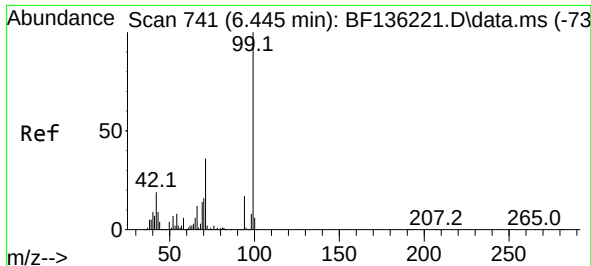
Tgt Ion:152 Resp: 131176
Ion Ratio Lower Upper
152 100
150 161.7 137.8 206.8
115 63.7 52.7 79.1



#5
2-Fluorophenol
Concen: 130.029 ng
RT: 5.451 min Scan# 572
Delta R.T. 0.012 min
Lab File: BF136307.D
Acq: 30 Nov 2023 11:36

Tgt Ion:112 Resp: 1225466
Ion Ratio Lower Upper
112 100
64 59.7 48.2 72.4
63 32.7 27.0 40.6

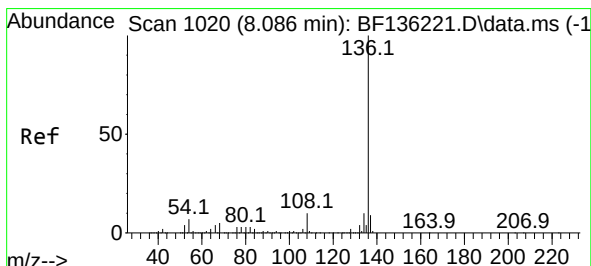
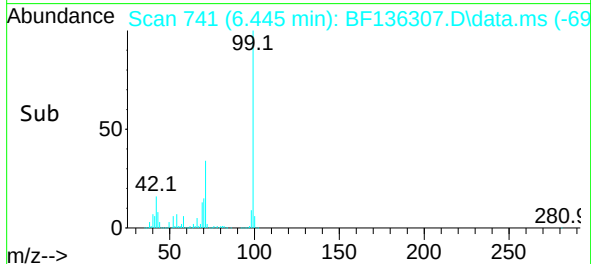
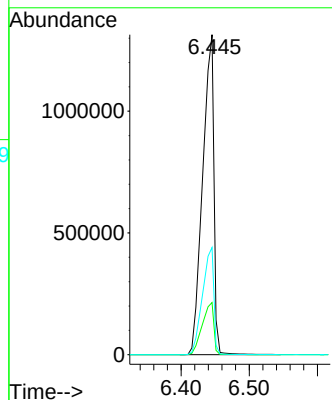
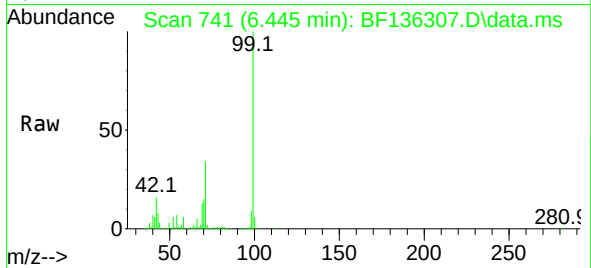




#7
Phenol-d6
Concen: 127.584 ng
RT: 6.445 min Scan# 741
Delta R.T. 0.000 min
Lab File: BF136307.D
Acq: 30 Nov 2023 11:36

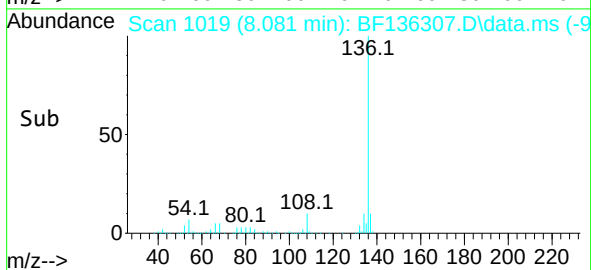
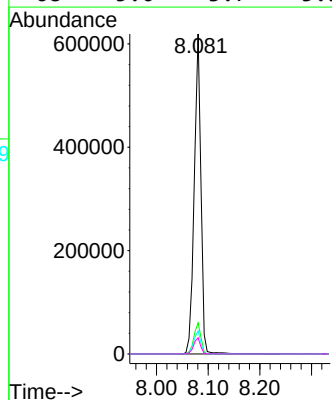
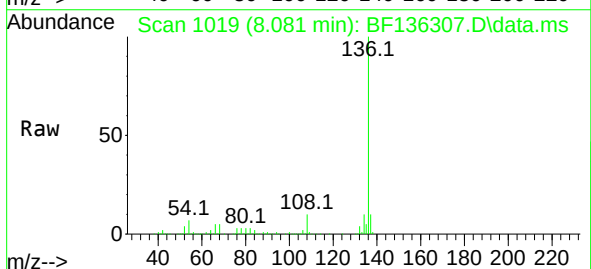
Instrument :
BNA_F
ClientSampleId :
PB157351TB

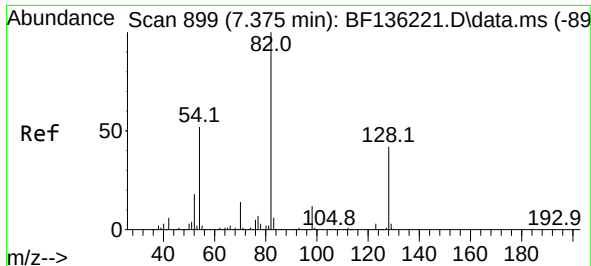
Tgt Ion: 99 Resp: 1503468
Ion Ratio Lower Upper
99 100
42 16.3 15.0 22.6
71 33.5 28.9 43.3



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.081 min Scan# 1019
Delta R.T. -0.006 min
Lab File: BF136307.D
Acq: 30 Nov 2023 11:36

Tgt Ion: 136 Resp: 557000
Ion Ratio Lower Upper
136 100
137 9.8 7.4 11.2
54 7.2 5.5 8.3
68 5.0 3.7 5.5





#23

Nitrobenzene-d5

Concen: 89.241 ng

RT: 7.369 min Scan# 89

Delta R.T. -0.006 min

Lab File: BF136307.D

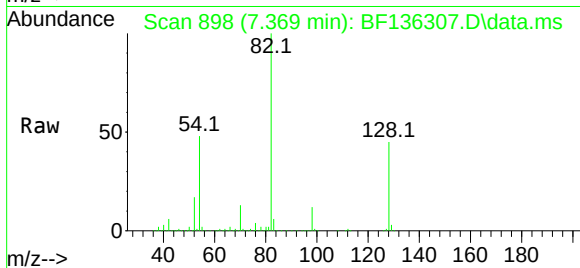
Acq: 30 Nov 2023 11:36

Instrument :

BNA_F

ClientSampleId :

PB157351TB



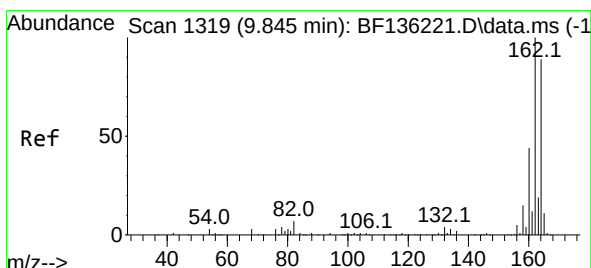
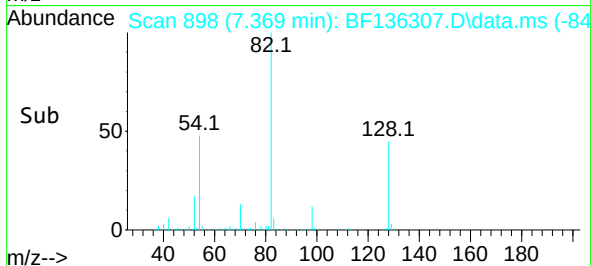
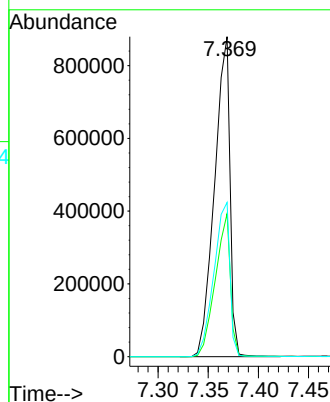
Tgt Ion: 82 Resp: 940657

Ion Ratio Lower Upper

82 100

128 44.7 33.4 50.2

54 48.2 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: BF136307.D

Acq: 30 Nov 2023 11:36

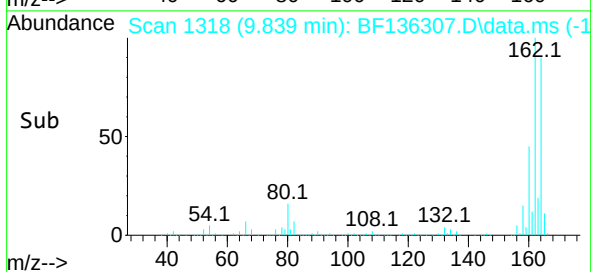
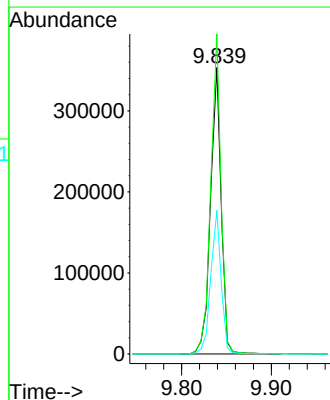
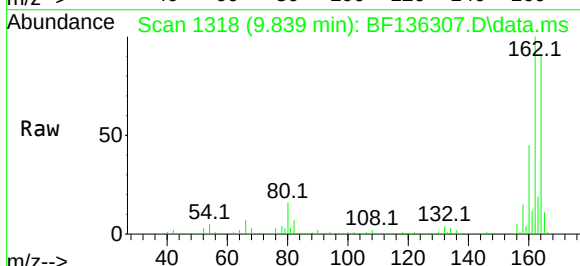
Tgt Ion:164 Resp: 293168

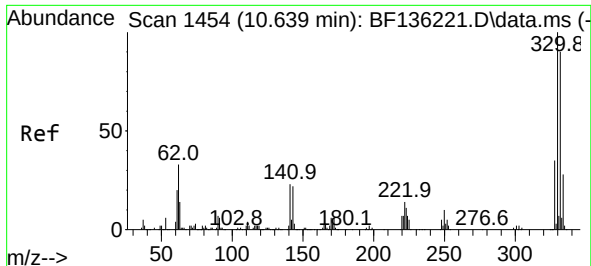
Ion Ratio Lower Upper

164 100

162 111.7 89.5 134.3

160 50.1 39.6 59.4





#42

2,4,6-Tribromophenol

Concen: 138.063 ng

RT: 10.633 min Scan# 1454

Delta R.T. -0.006 min

Lab File: BF136307.D

Acq: 30 Nov 2023 11:36

Instrument :

BNA_F

ClientSampleId :

PB157351TB

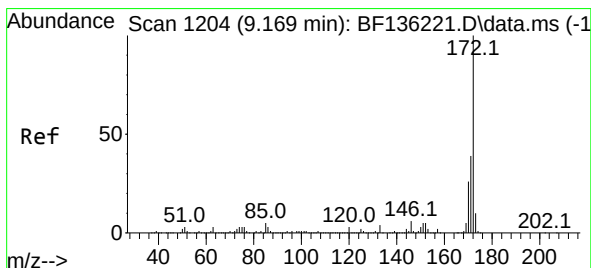
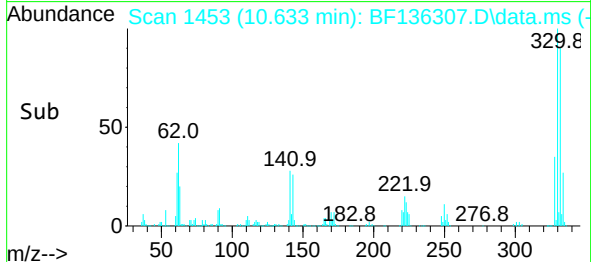
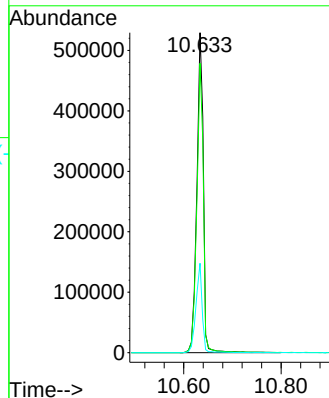
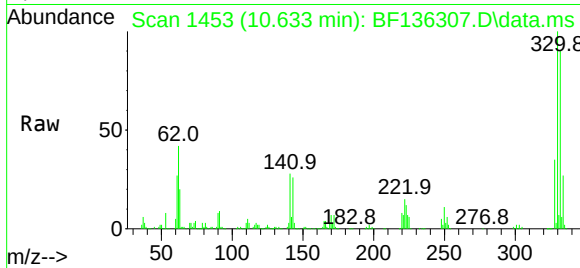
Tgt Ion:330 Resp: 494849

Ion Ratio Lower Upper

330 100

332 91.1 73.0 109.6

141 26.9 24.2 36.2



#45

2-Fluorobiphenyl

Concen: 87.318 ng

RT: 9.163 min Scan# 1203

Delta R.T. -0.006 min

Lab File: BF136307.D

Acq: 30 Nov 2023 11:36

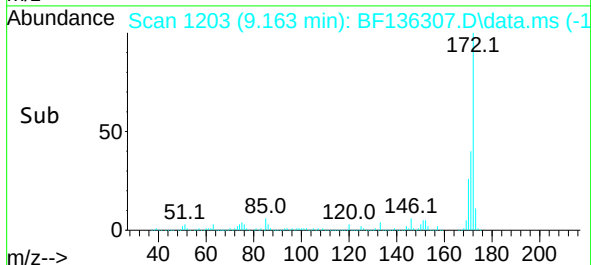
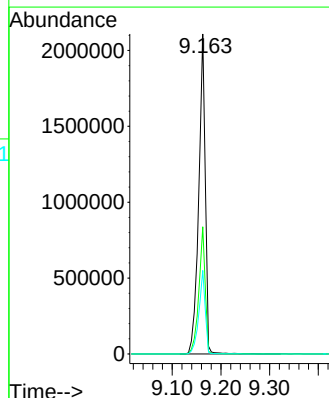
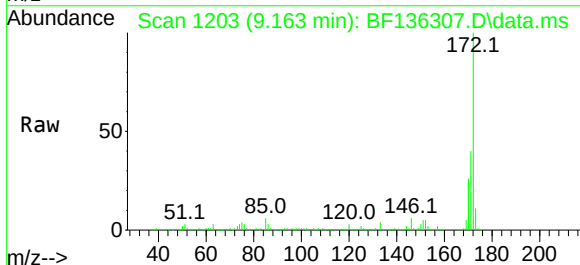
Tgt Ion:172 Resp: 2004128

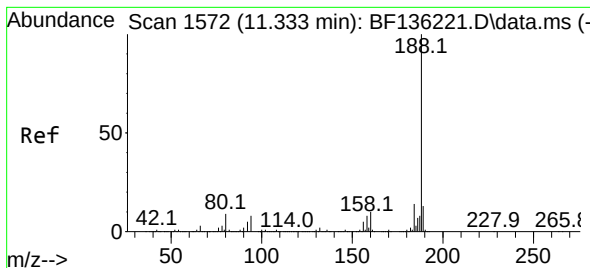
Ion Ratio Lower Upper

172 100

171 39.7 31.5 47.3

170 26.1 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: BF136307.D

Acq: 30 Nov 2023 11:36

Instrument :

BNA_F

ClientSampleId :

PB157351TB

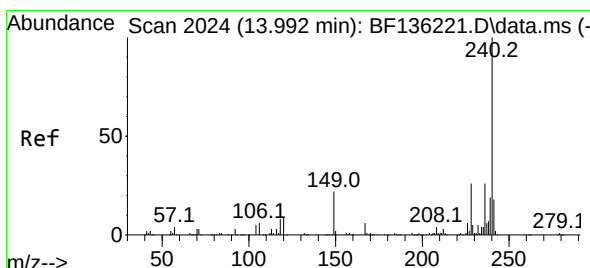
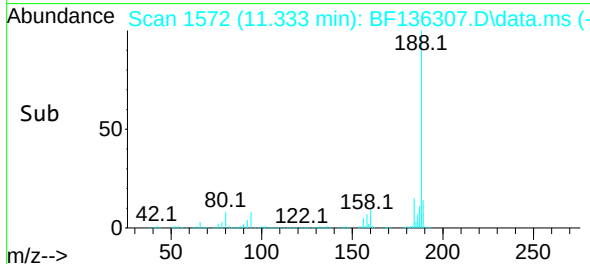
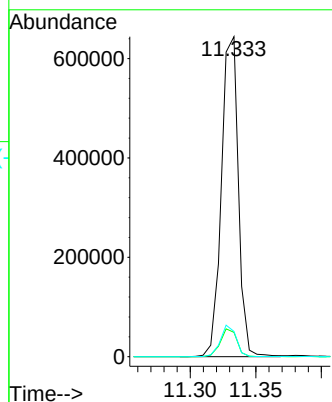
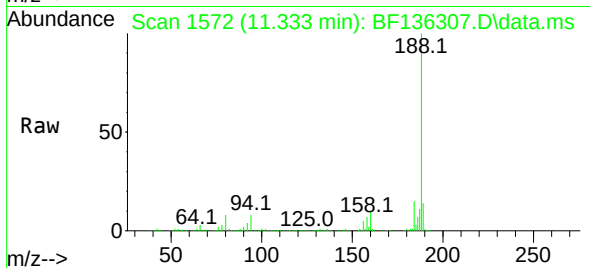
Tgt Ion:188 Resp: 578335

Ion Ratio Lower Upper

188 100

94 7.6 6.7 10.1

80 7.9 7.2 10.8



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.980 min Scan# 2022

Delta R.T. -0.012 min

Lab File: BF136307.D

Acq: 30 Nov 2023 11:36

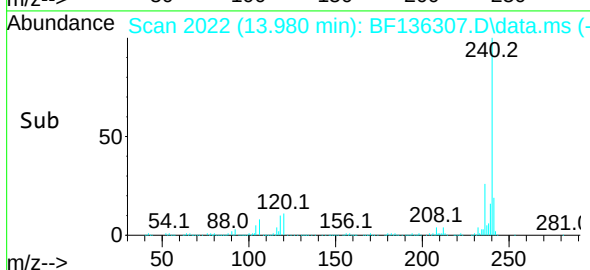
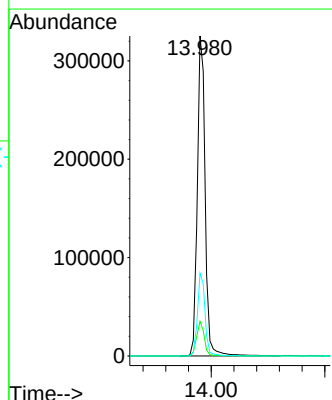
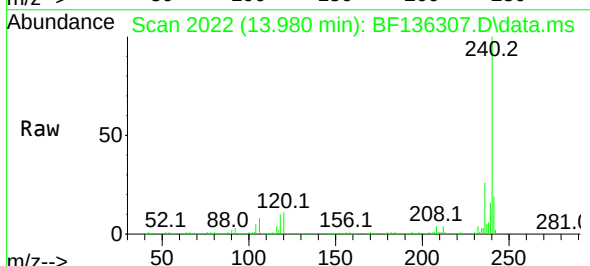
Tgt Ion:240 Resp: 314985

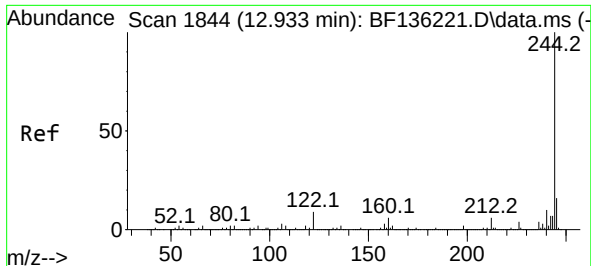
Ion Ratio Lower Upper

240 100

120 10.8 7.4 11.2

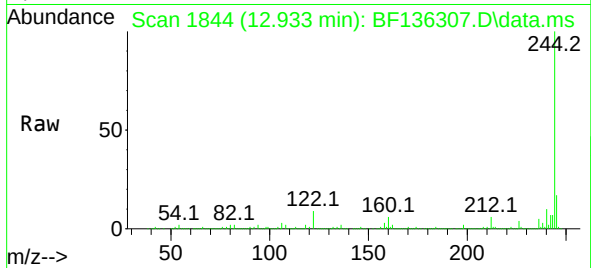
236 25.9 21.1 31.7



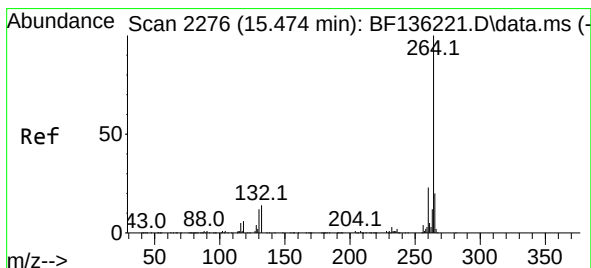
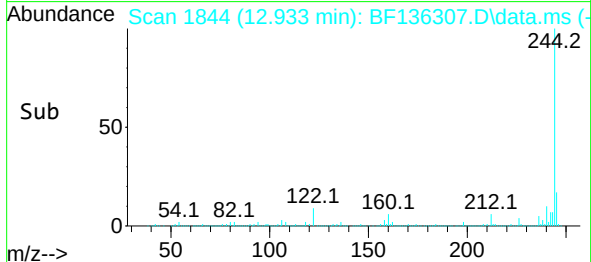
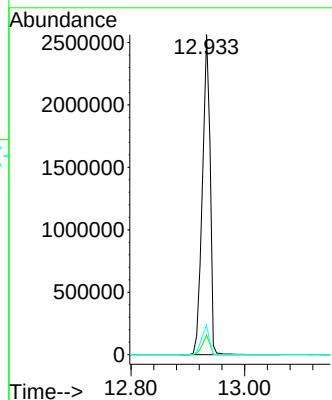


#79
 Terphenyl-d14
 Concen: 88.876 ng
 RT: 12.933 min Scan# 1844
 Delta R.T. 0.000 min
 Lab File: BF136307.D
 Acq: 30 Nov 2023 11:36

Instrument :
 BNA_F
 ClientSampleId :
 PB157351TB



Tgt Ion:244 Resp: 2426940
 Ion Ratio Lower Upper
 244 100
 212 6.1 4.6 7.0
 122 9.2 7.3 10.9



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.468 min Scan# 2275
 Delta R.T. -0.006 min
 Lab File: BF136307.D
 Acq: 30 Nov 2023 11:36

Tgt Ion:264 Resp: 240082
 Ion Ratio Lower Upper
 264 100
 260 22.8 18.6 27.8
 265 20.3 15.7 23.5

