

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120123\
 Data File : BF136347.D
 Acq On : 01 Dec 2023 20:09
 Operator : CG\JU
 Sample : 05525-05
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TWP14

Quant Time: Dec 02 00:35:20 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)

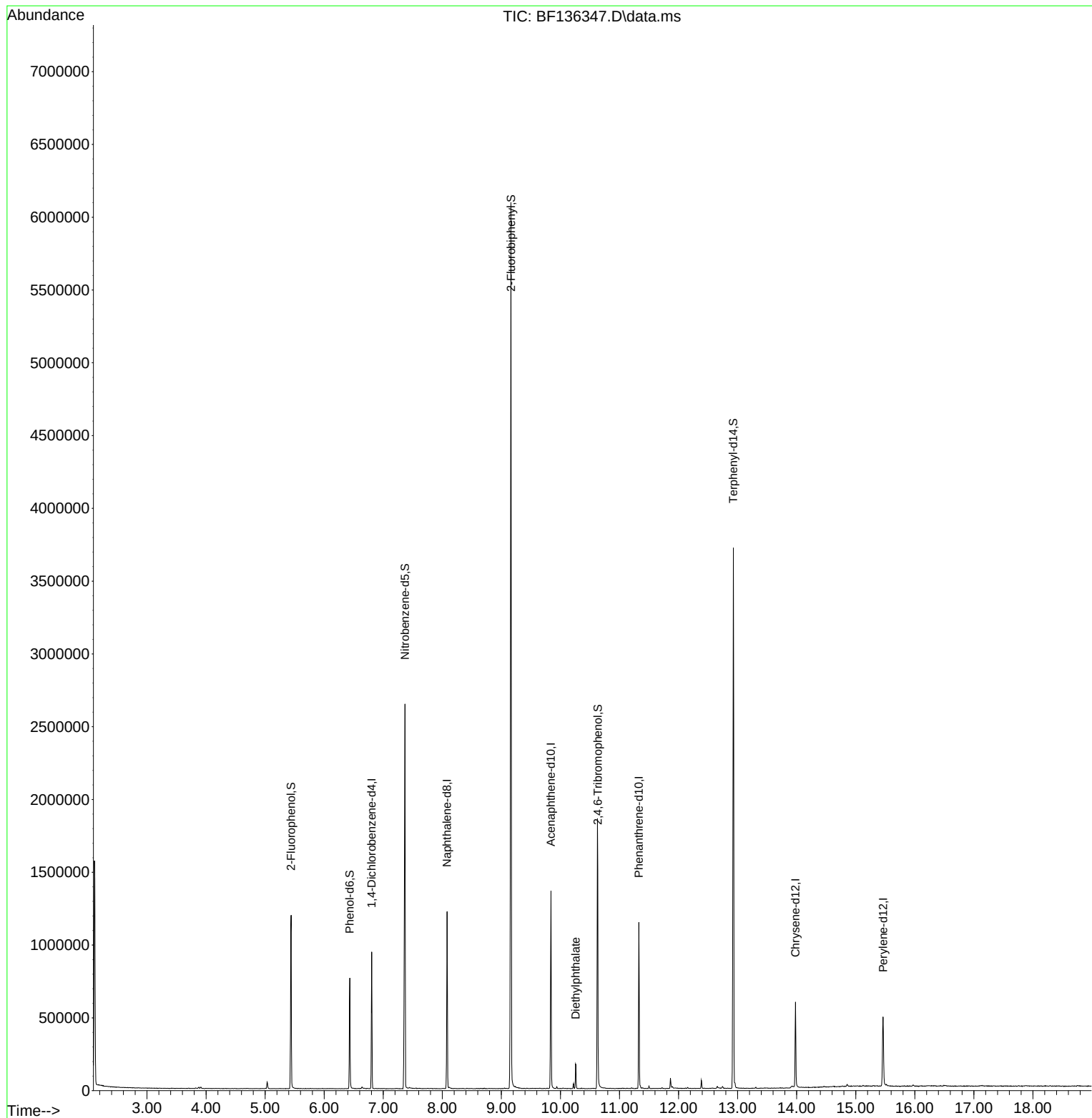
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.804	152	125753	20.000	ng	0.00
21) Naphthalene-d8	8.081	136	513468	20.000	ng	0.00
39) Acenaphthene-d10	9.839	164	255334	20.000	ng	0.00
64) Phenanthrene-d10	11.327	188	390124	20.000	ng	0.00
76) Chrysene-d12	13.980	240	198651	20.000	ng	-0.01
86) Perylene-d12	15.462	264	244607	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.440	112	327279	36.224	ng	0.00
7) Phenol-d6	6.434	99	247369	21.897	ng	-0.01
23) Nitrobenzene-d5	7.369	82	926757	95.377	ng	0.00
42) 2,4,6-Tribromophenol	10.633	330	247873	79.404	ng	0.00
45) 2-Fluorobiphenyl	9.163	172	1897818	94.938	ng	0.00
79) Terphenyl-d14	12.927	244	1400373	81.314	ng	0.00
Target Compounds						
60) Diethylphthalate	10.257	149	61089	3.164	ng	Qvalue 97

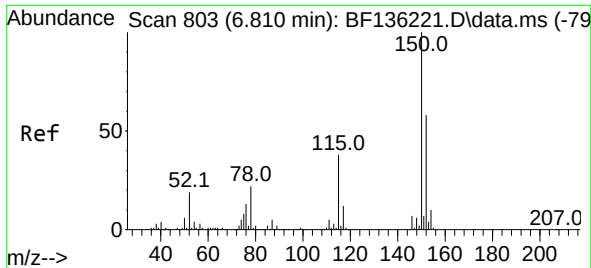
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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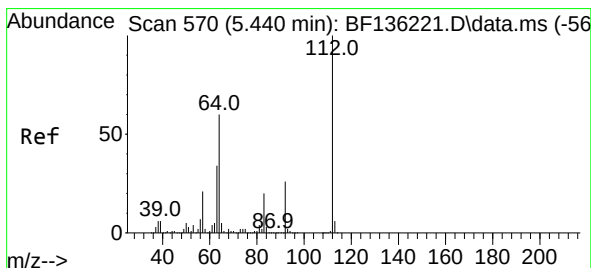
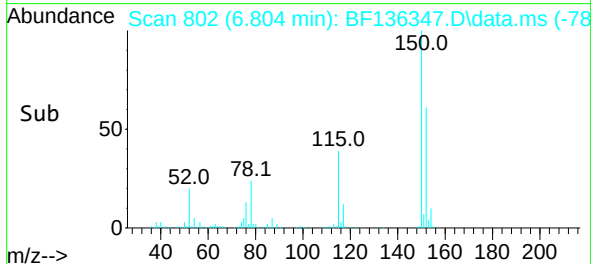
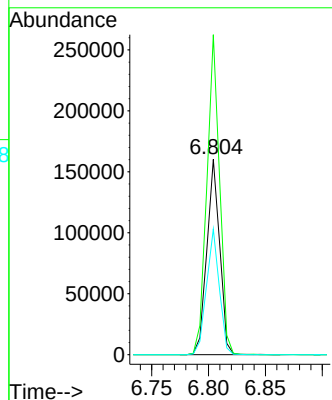
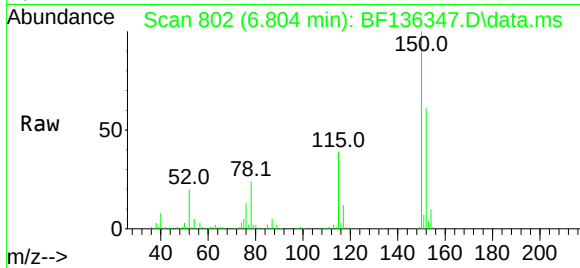




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.804 min Scan# 803
Delta R.T. -0.006 min
Lab File: BF136347.D
Acq: 01 Dec 2023 20:09

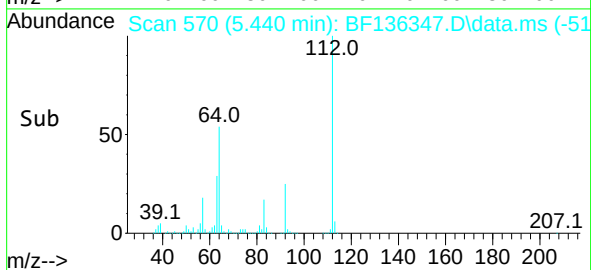
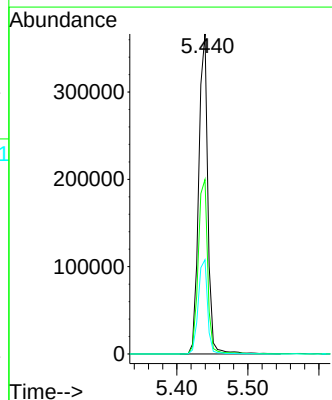
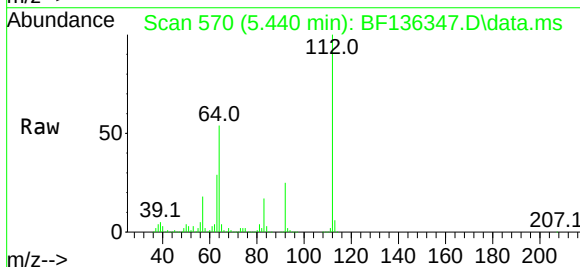
Instrument :
BNA_F
ClientSampleId :
TWP14

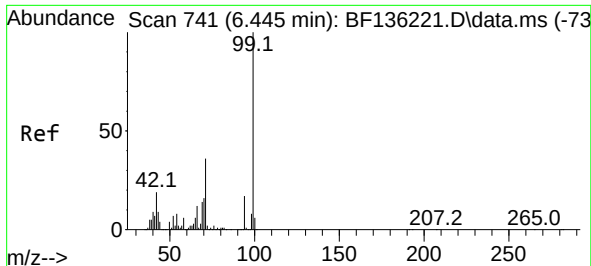
Tgt Ion:152 Resp: 125753
Ion Ratio Lower Upper
152 100
150 163.8 137.8 206.8
115 64.3 52.7 79.1



#5
2-Fluorophenol
Concen: 36.224 ng
RT: 5.440 min Scan# 570
Delta R.T. 0.000 min
Lab File: BF136347.D
Acq: 01 Dec 2023 20:09

Tgt Ion:112 Resp: 327279
Ion Ratio Lower Upper
112 100
64 54.5 48.2 72.4
63 29.5 27.0 40.6

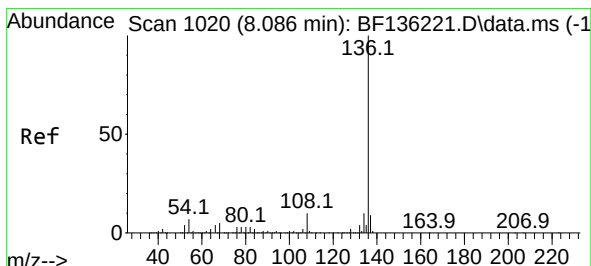
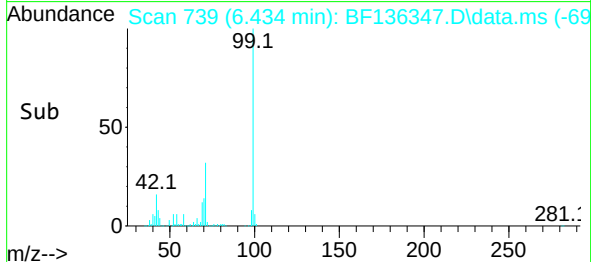
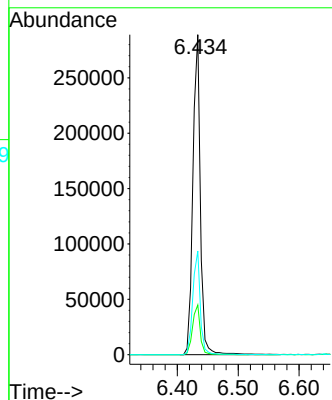
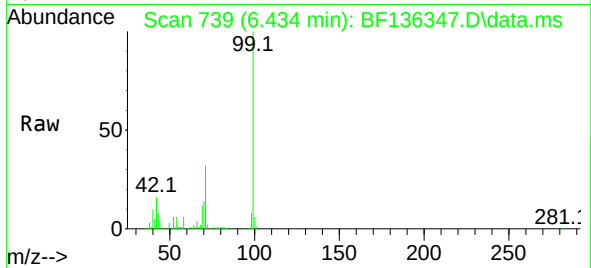




#7
Phenol-d6
Concen: 21.897 ng
RT: 6.434 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF136347.D
Acq: 01 Dec 2023 20:09

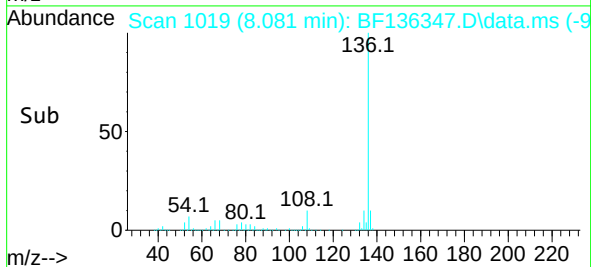
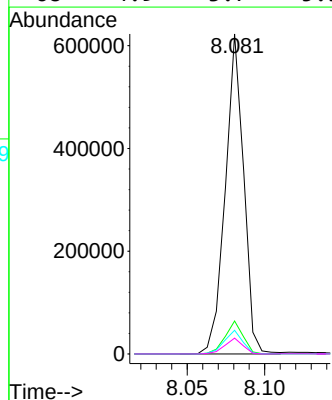
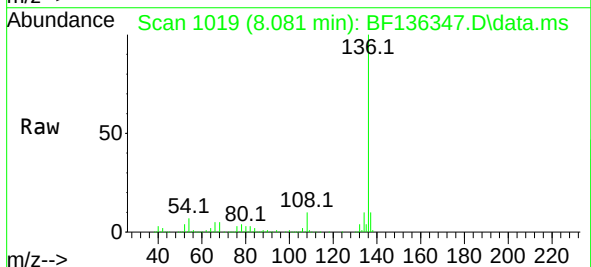
Instrument :
BNA_F
ClientSampleId :
TWP14

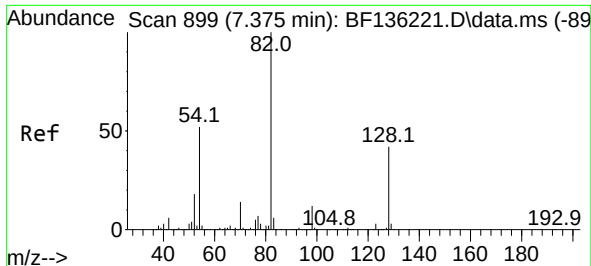
Tgt Ion: 99 Resp: 247369
Ion Ratio Lower Upper
99 100
42 15.6 15.0 22.6
71 32.4 28.9 43.3



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.081 min Scan# 1019
Delta R.T. -0.006 min
Lab File: BF136347.D
Acq: 01 Dec 2023 20:09

Tgt Ion: 136 Resp: 513468
Ion Ratio Lower Upper
136 100
137 10.3 7.4 11.2
54 7.4 5.5 8.3
68 4.9 3.7 5.5





#23

Nitrobenzene-d5

Concen: 95.377 ng

RT: 7.369 min Scan# 89

Delta R.T. -0.006 min

Lab File: BF136347.D

Acq: 01 Dec 2023 20:09

Instrument :

BNA_F

ClientSampleId :

TWP14

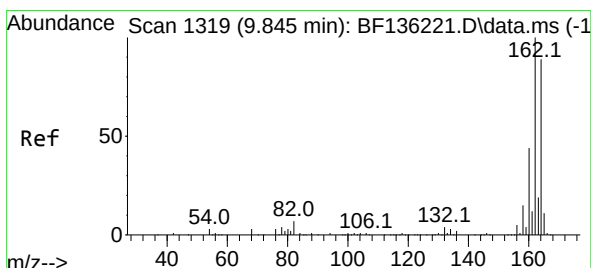
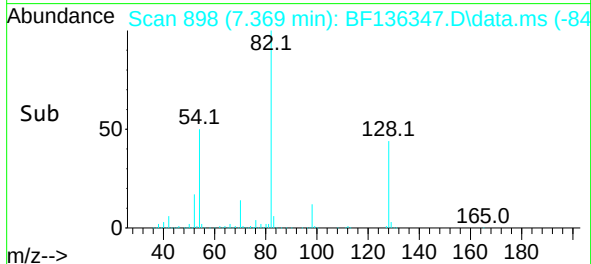
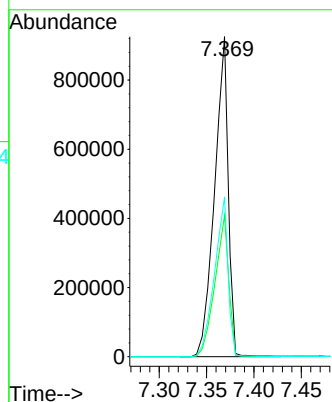
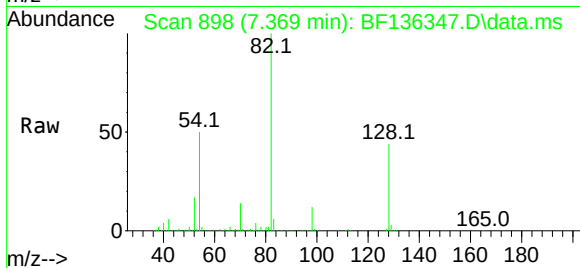
Tgt Ion: 82 Resp: 926757

Ion Ratio Lower Upper

82 100

128 44.1 33.4 50.2

54 49.9 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: BF136347.D

Acq: 01 Dec 2023 20:09

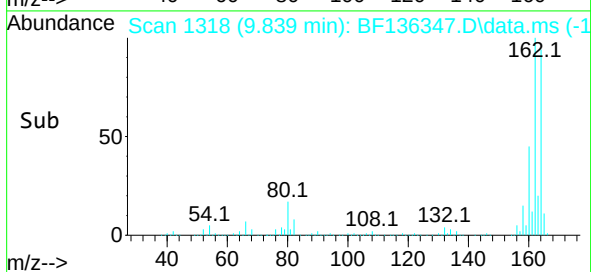
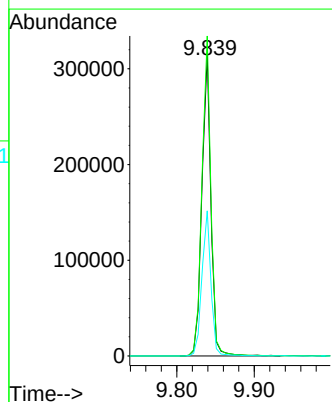
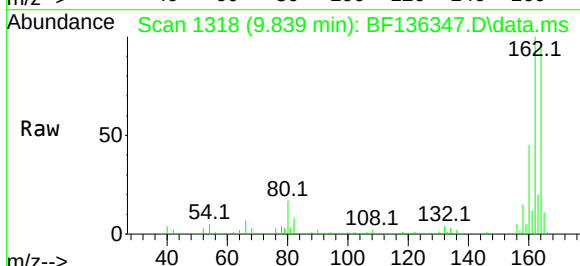
Tgt Ion:164 Resp: 255334

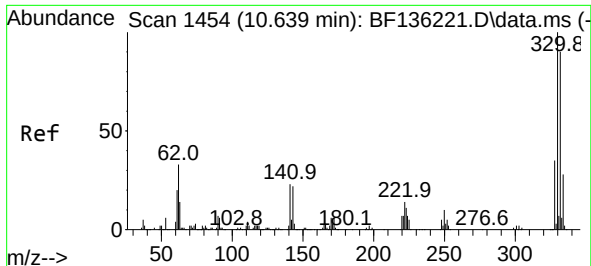
Ion Ratio Lower Upper

164 100

162 106.2 89.5 134.3

160 48.2 39.6 59.4





#42

2,4,6-Tribromophenol

Concen: 79.404 ng

RT: 10.633 min Scan# 1454

Delta R.T. -0.006 min

Lab File: BF136347.D

Acq: 01 Dec 2023 20:09

Instrument :

BNA_F

ClientSampleId :

TWP14

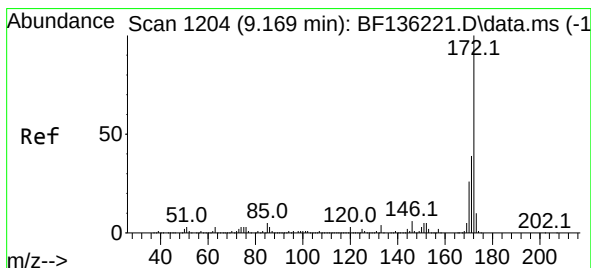
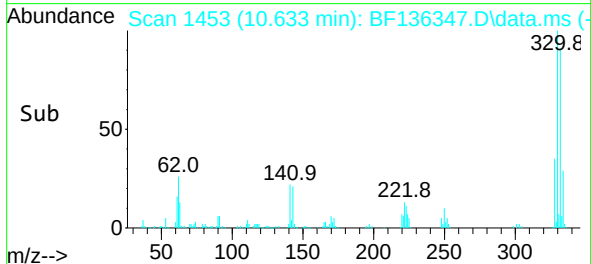
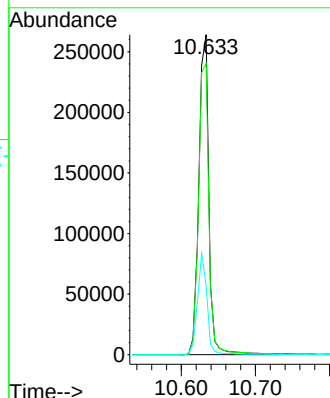
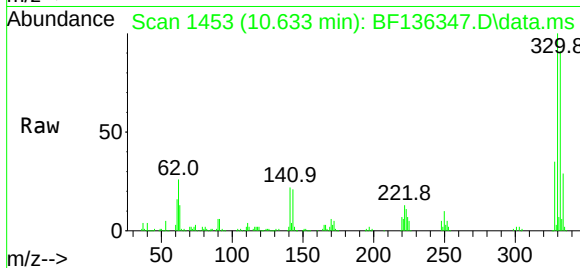
Tgt Ion:330 Resp: 247873

Ion Ratio Lower Upper

330 100

332 95.5 73.0 109.6

141 30.0 24.2 36.2



#45

2-Fluorobiphenyl

Concen: 94.938 ng

RT: 9.163 min Scan# 1203

Delta R.T. -0.006 min

Lab File: BF136347.D

Acq: 01 Dec 2023 20:09

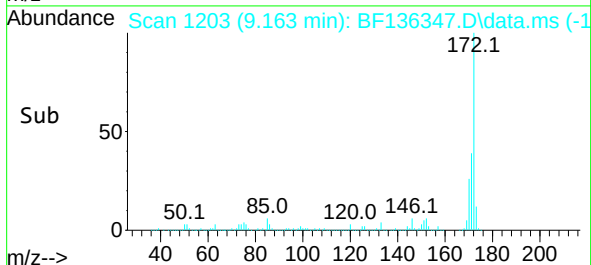
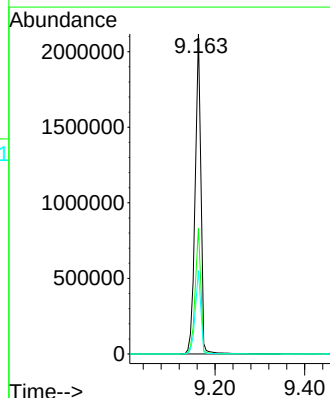
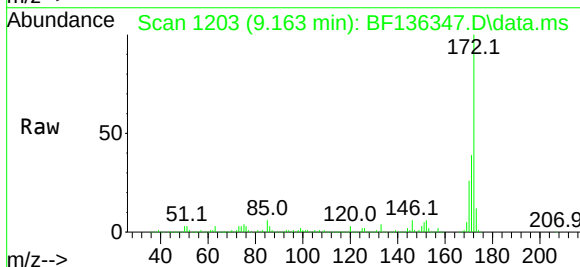
Tgt Ion:172 Resp: 1897818

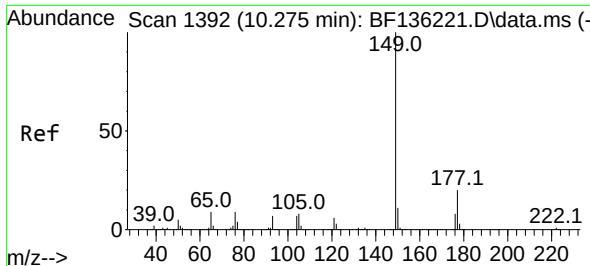
Ion Ratio Lower Upper

172 100

171 39.4 31.5 47.3

170 26.0 20.8 31.2

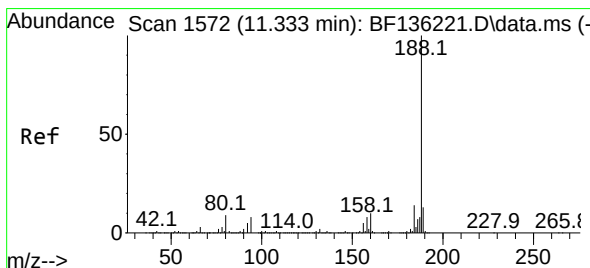
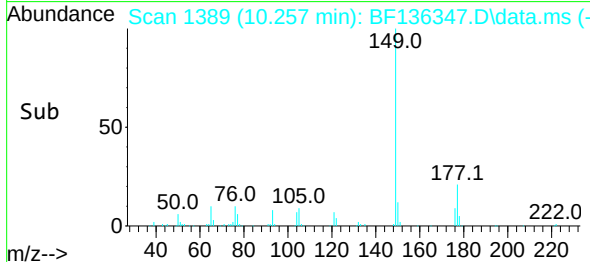
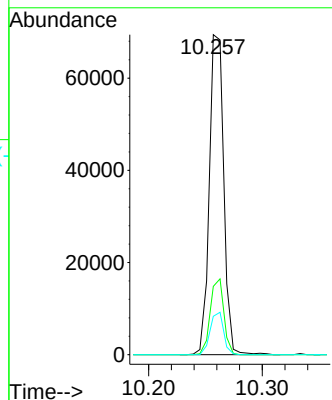
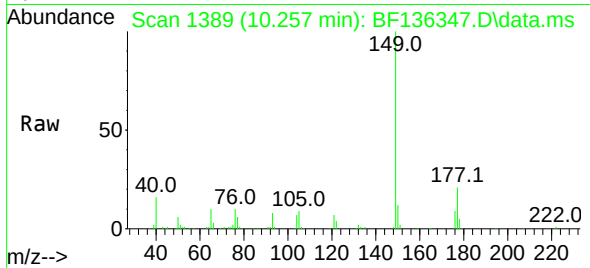




#60
Diethylphthalate
Concen: 3.164 ng
RT: 10.257 min Scan# 11
Delta R.T. -0.018 min
Lab File: BF136347.D
Acq: 01 Dec 2023 20:09

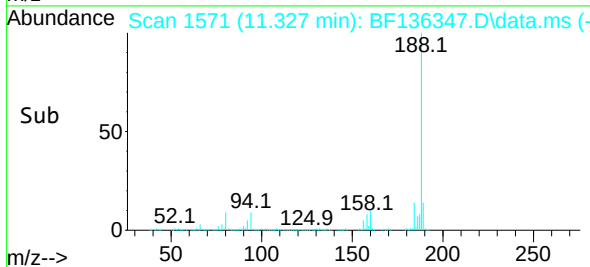
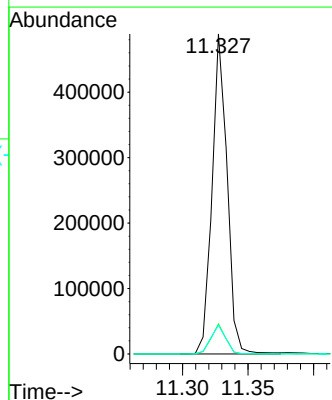
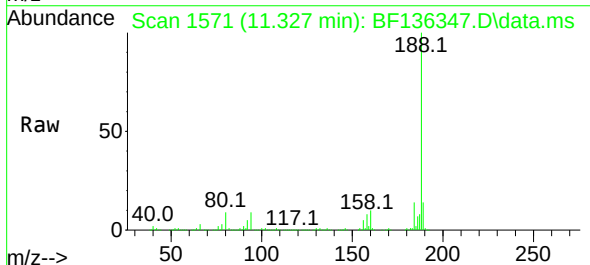
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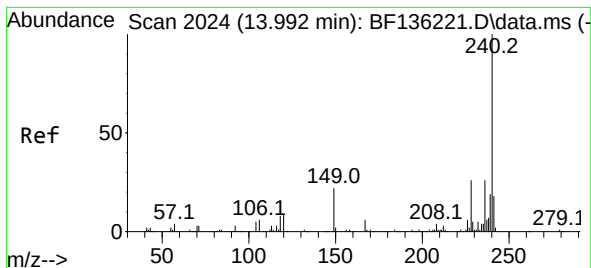
Tgt Ion:149 Resp: 61089
Ion Ratio Lower Upper
149 100
177 21.3 15.8 23.6
150 12.0 8.8 13.2



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.327 min Scan# 1571
Delta R.T. -0.006 min
Lab File: BF136347.D
Acq: 01 Dec 2023 20:09

Tgt Ion:188 Resp: 390124
Ion Ratio Lower Upper
188 100
94 9.4 6.7 10.1
80 8.9 7.2 10.8





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.980 min Scan# 20

Delta R.T. -0.012 min

Lab File: BF136347.D

Acq: 01 Dec 2023 20:09

Instrument :

BNA_F

ClientSampleId :

TWP14

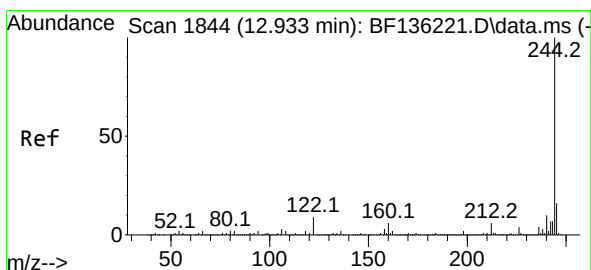
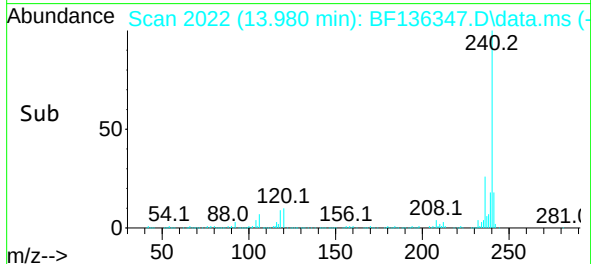
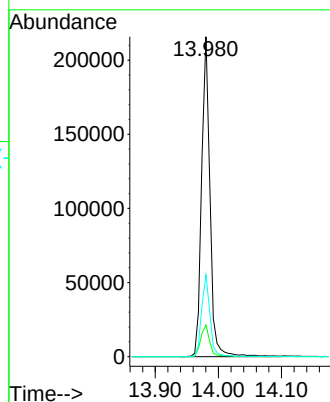
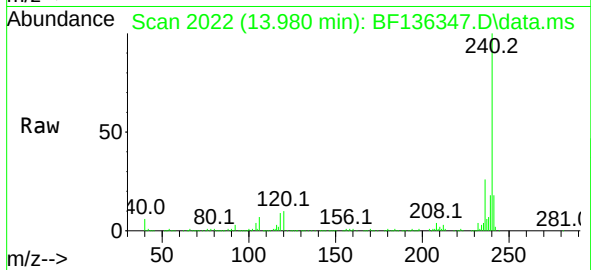
Tgt Ion:240 Resp: 198651

Ion Ratio Lower Upper

240 100

120 9.9 7.4 11.2

236 25.6 21.1 31.7



#79

Terphenyl-d14

Concen: 81.314 ng

RT: 12.927 min Scan# 1843

Delta R.T. -0.006 min

Lab File: BF136347.D

Acq: 01 Dec 2023 20:09

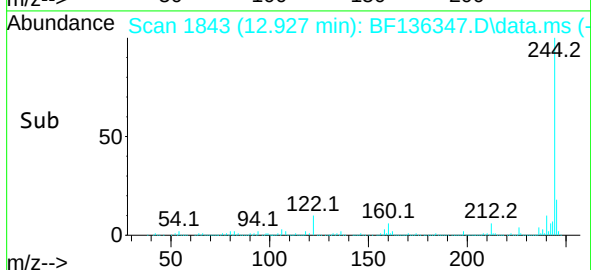
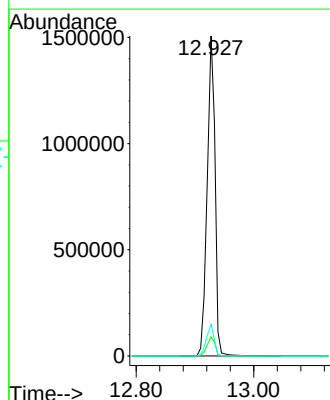
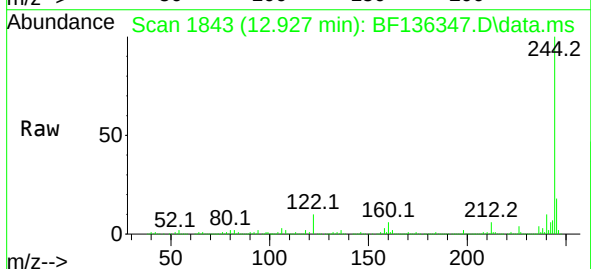
Tgt Ion:244 Resp: 1400373

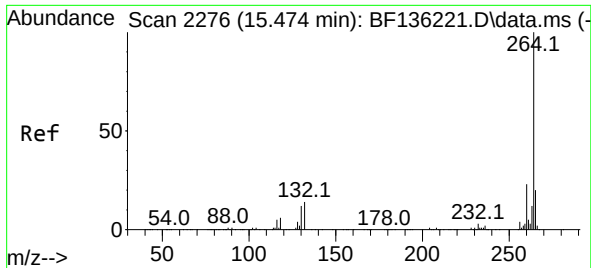
Ion Ratio Lower Upper

244 100

212 6.0 4.6 7.0

122 9.8 7.3 10.9





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.462 min Scan# 21
 Delta R.T. -0.012 min
 Lab File: BF136347.D
 Acq: 01 Dec 2023 20:09

Instrument :
 BNA_F
 ClientSampleId :
 TWP14

Tgt Ion:264 Resp: 244607
 Ion Ratio Lower Upper
 264 100
 260 22.1 18.6 27.8
 265 21.0 15.7 23.5

