

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120123\
 Data File : BF136346.D
 Acq On : 01 Dec 2023 19:38
 Operator : CG\JU
 Sample : 05525-04
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TWP11

Quant Time: Dec 02 00:34:58 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)

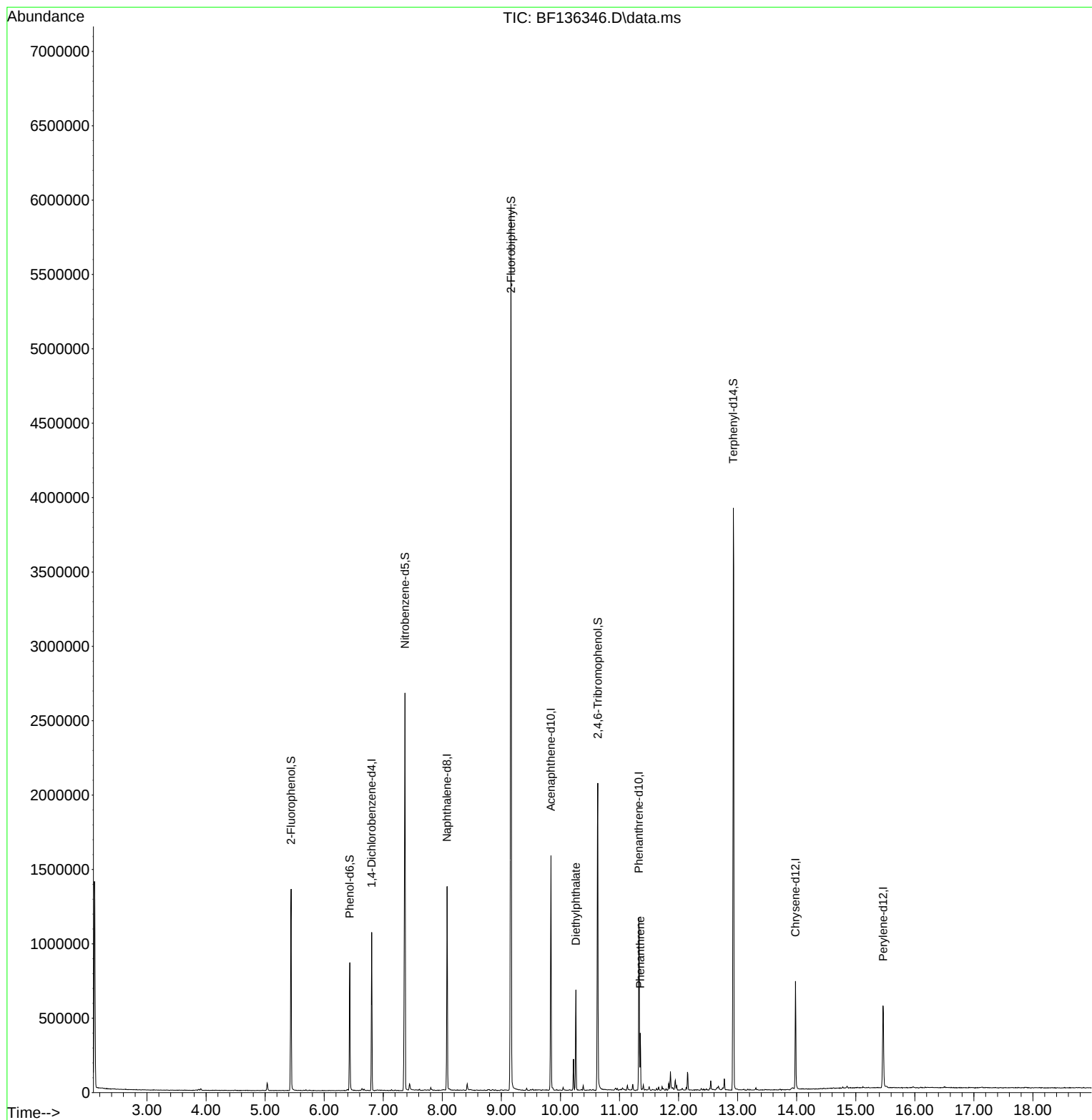
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.804	152	141754	20.000	ng	0.00
21) Naphthalene-d8	8.081	136	589856	20.000	ng	0.00
39) Acenaphthene-d10	9.839	164	287940	20.000	ng	0.00
64) Phenanthrene-d10	11.327	188	444348	20.000	ng	0.00
76) Chrysene-d12	13.980	240	230434	20.000	ng	-0.01
86) Perylene-d12	15.463	264	277068	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.440	112	363587	35.700	ng	0.00
7) Phenol-d6	6.434	99	273531	21.480	ng	-0.01
23) Nitrobenzene-d5	7.369	82	980297	87.822	ng	0.00
42) 2,4,6-Tribromophenol	10.633	330	279043	79.267	ng	0.00
45) 2-Fluorobiphenyl	9.163	172	2032891	90.179	ng	0.00
79) Terphenyl-d14	12.927	244	1519207	76.047	ng	0.00
Target Compounds						
						Qvalue
60) Diethylphthalate	10.263	149	223878	10.284	ng	96
71) Phenanthrene	11.351	178	127290	5.097	ng	97

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

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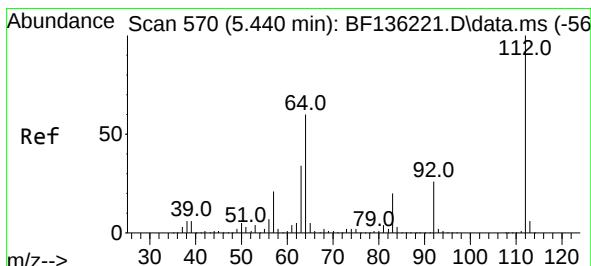
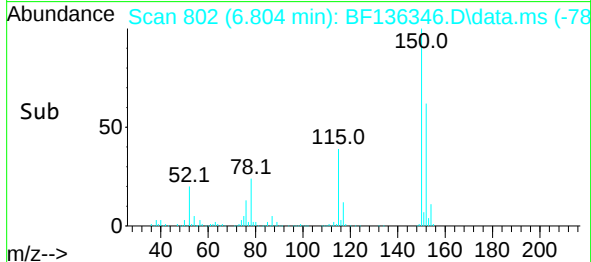
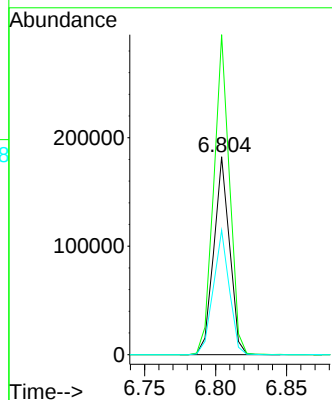
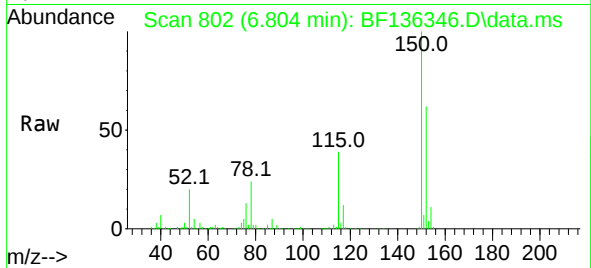




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.804 min Scan# 803
Delta R.T. -0.006 min
Lab File: BF136346.D
Acq: 01 Dec 2023 19:38

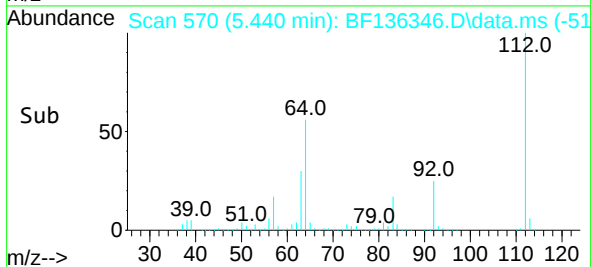
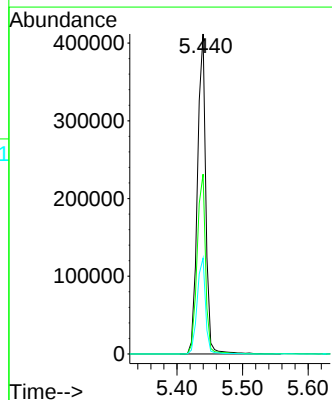
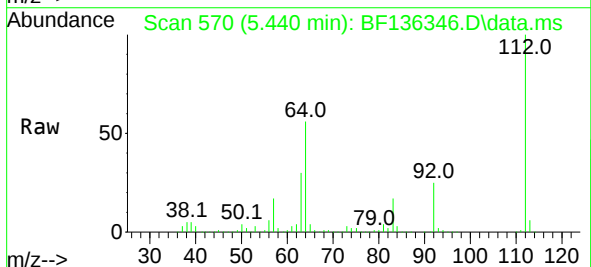
Instrument :
BNA_F
ClientSampleId :
TWP11

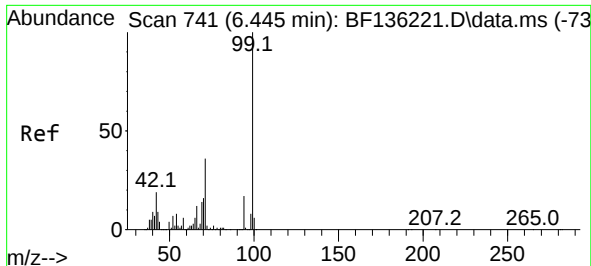
Tgt Ion:152 Resp: 141754
Ion Ratio Lower Upper
152 100
150 161.7 137.8 206.8
115 62.9 52.7 79.1



#5
2-Fluorophenol
Concen: 35.700 ng
RT: 5.440 min Scan# 570
Delta R.T. 0.000 min
Lab File: BF136346.D
Acq: 01 Dec 2023 19:38

Tgt Ion:112 Resp: 363587
Ion Ratio Lower Upper
112 100
64 56.2 48.2 72.4
63 30.0 27.0 40.6

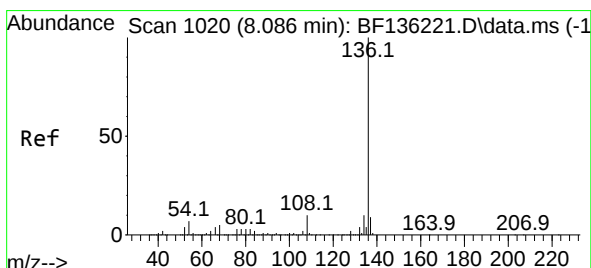
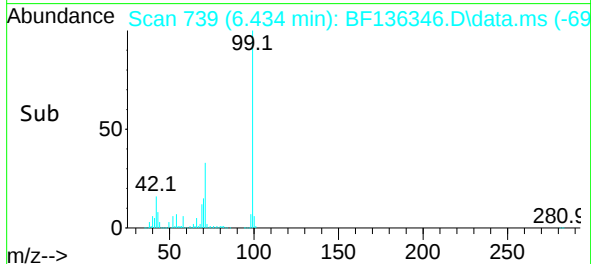
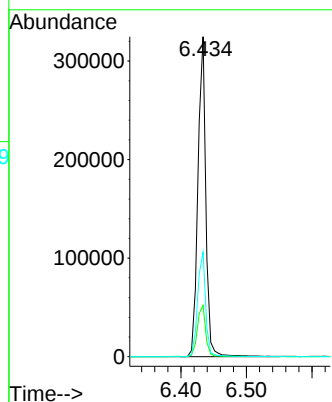
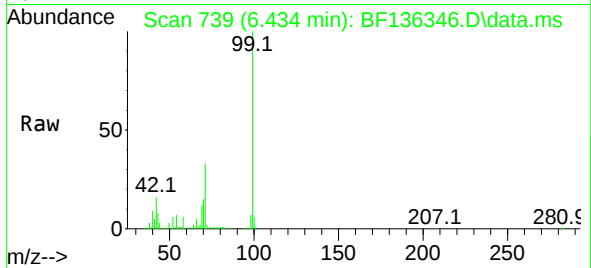




#7
Phenol-d6
Concen: 21.480 ng
RT: 6.434 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF136346.D
Acq: 01 Dec 2023 19:38

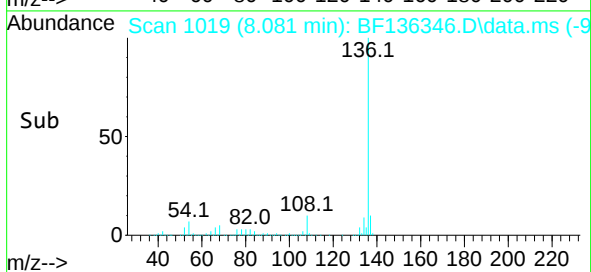
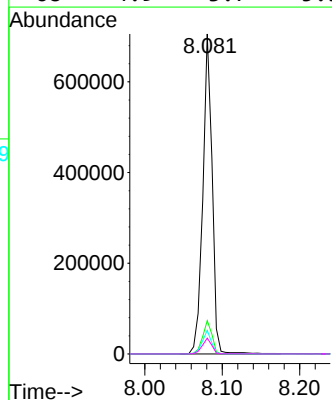
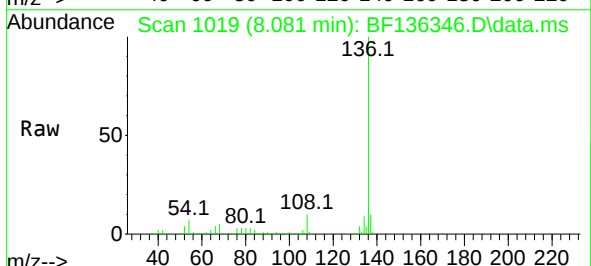
Instrument :
BNA_F
ClientSampleId :
TWP11

Tgt Ion: 99 Resp: 273531
Ion Ratio Lower Upper
99 100
42 16.0 15.0 22.6
71 32.7 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: BF136346.D
Acq: 01 Dec 2023 19:38

Tgt Ion: 136 Resp: 589856
Ion Ratio Lower Upper
136 100
137 10.4 7.4 11.2
54 7.4 5.5 8.3
68 4.9 3.7 5.5





#23

Nitrobenzene-d5

Concen: 87.822 ng

RT: 7.369 min Scan# 89

Delta R.T. -0.006 min

Lab File: BF136346.D

Acq: 01 Dec 2023 19:38

Instrument :

BNA_F

ClientSampleId :

TWP11

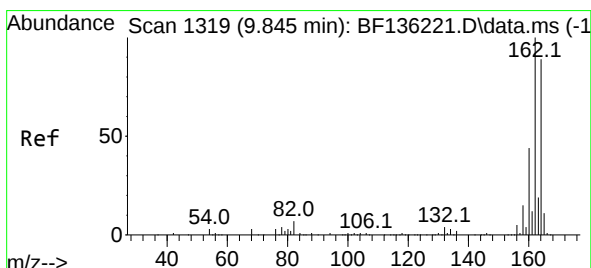
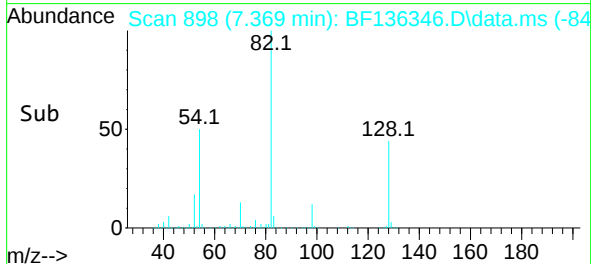
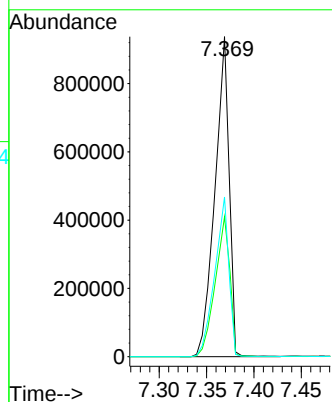
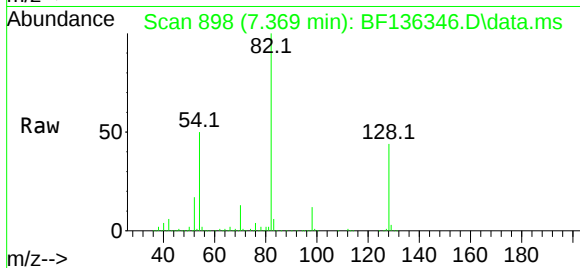
Tgt Ion: 82 Resp: 980297

Ion Ratio Lower Upper

82 100

128 43.7 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: BF136346.D

Acq: 01 Dec 2023 19:38

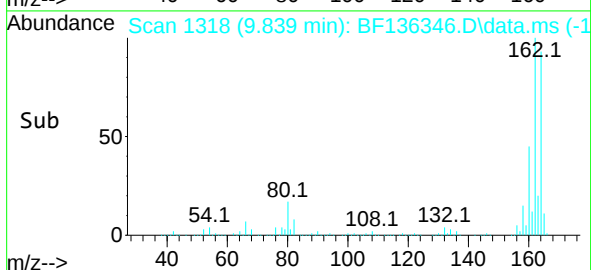
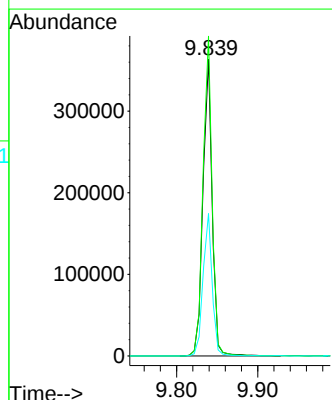
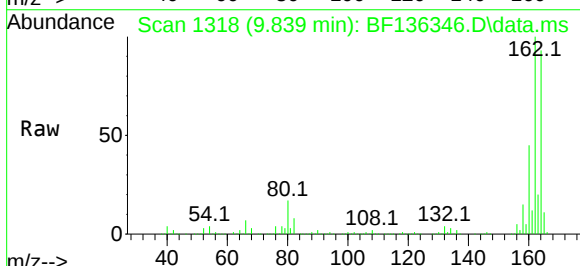
Tgt Ion:164 Resp: 287940

Ion Ratio Lower Upper

164 100

162 107.8 89.5 134.3

160 48.0 39.6 59.4

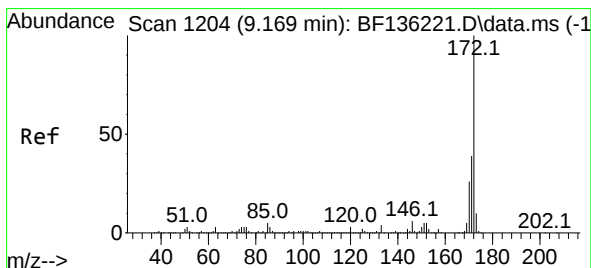
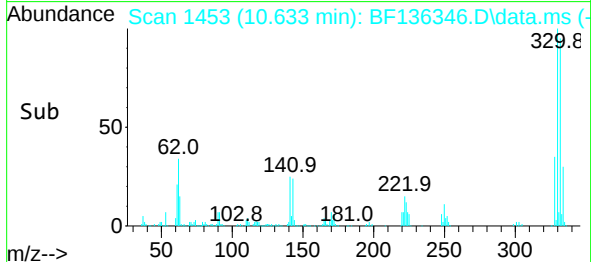
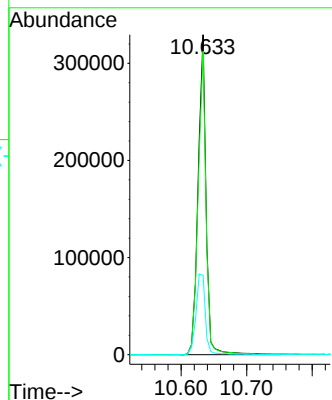
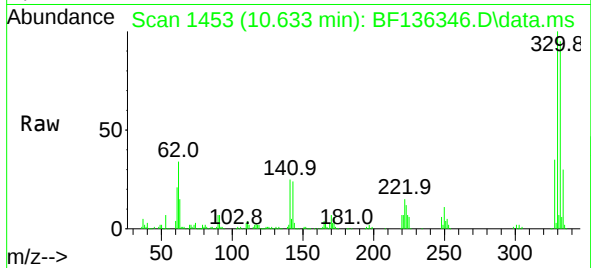




#42
2,4,6-Tribromophenol
Concen: 79.267 ng
RT: 10.633 min Scan# 14
Delta R.T. -0.006 min
Lab File: BF136346.D
Acq: 01 Dec 2023 19:38

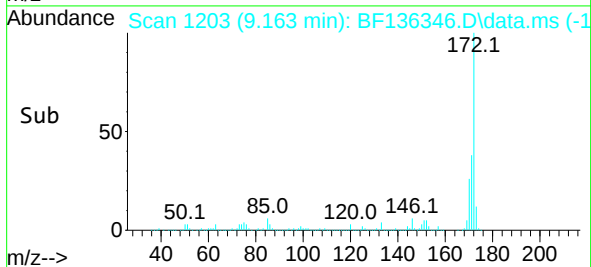
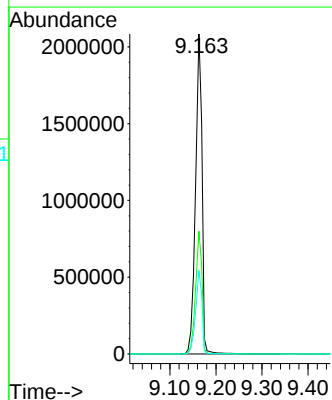
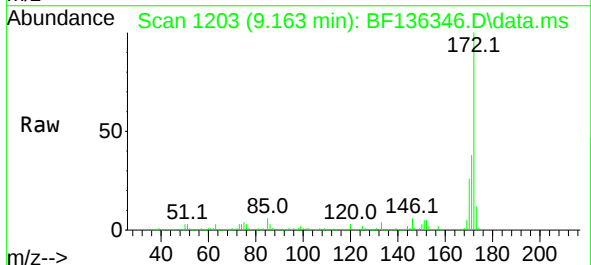
Instrument :
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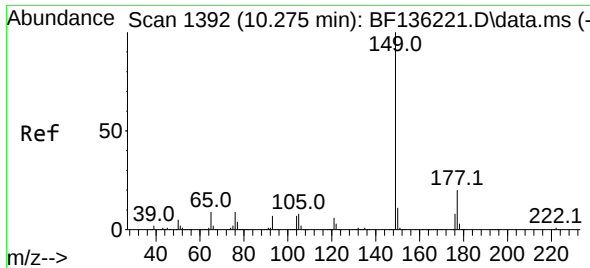
Tgt Ion:330 Resp: 279043
Ion Ratio Lower Upper
330 100
332 94.3 73.0 109.6
141 30.1 24.2 36.2



#45
2-Fluorobiphenyl
Concen: 90.179 ng
RT: 9.163 min Scan# 1203
Delta R.T. -0.006 min
Lab File: BF136346.D
Acq: 01 Dec 2023 19:38

Tgt Ion:172 Resp: 2032891
Ion Ratio Lower Upper
172 100
171 38.4 31.5 47.3
170 26.0 20.8 31.2

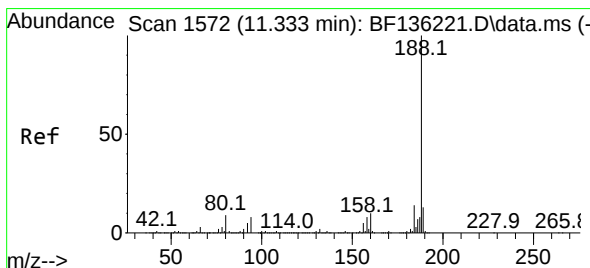
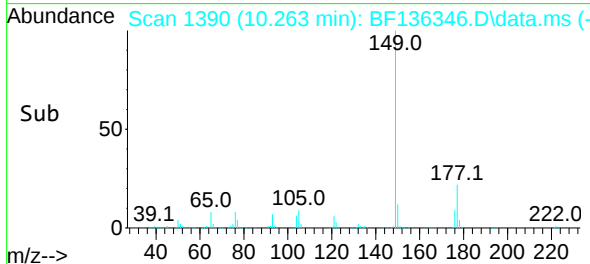
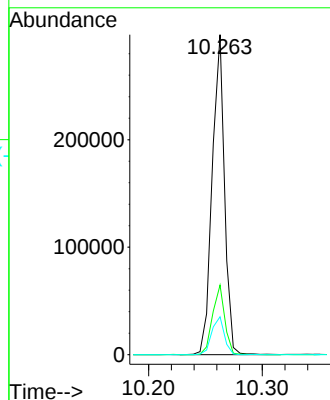
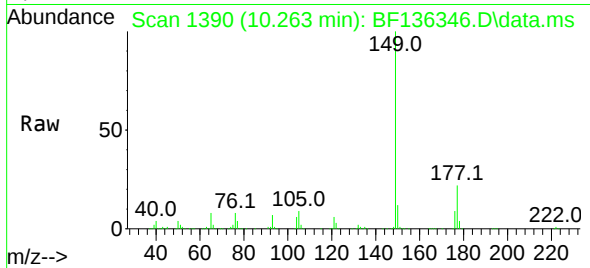




#60
Diethylphthalate
Concen: 10.284 ng
RT: 10.263 min Scan# 1390
Delta R.T. -0.012 min
Lab File: BF136346.D
Acq: 01 Dec 2023 19:38

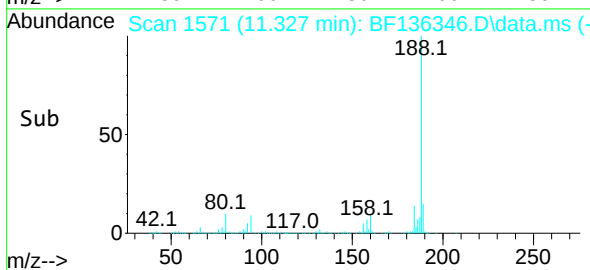
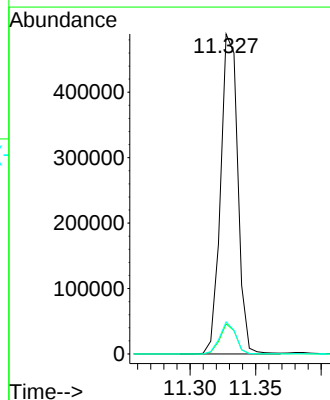
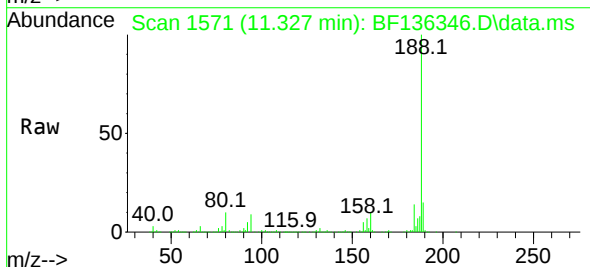
Instrument :
BNA_F
ClientSampleId :
TWP11

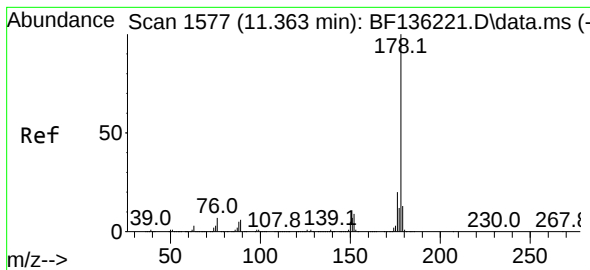
Tgt Ion:149 Resp: 223878
Ion Ratio Lower Upper
149 100
177 21.8 15.8 23.6
150 11.9 8.8 13.2



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.327 min Scan# 1571
Delta R.T. -0.006 min
Lab File: BF136346.D
Acq: 01 Dec 2023 19:38

Tgt Ion:188 Resp: 444348
Ion Ratio Lower Upper
188 100
94 9.4 6.7 10.1
80 10.0 7.2 10.8





#71

Phenanthrene

Concen: 5.097 ng

RT: 11.351 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF136346.D

Acq: 01 Dec 2023 19:38

Instrument :

BNA_F

ClientSampleId :

TWP11

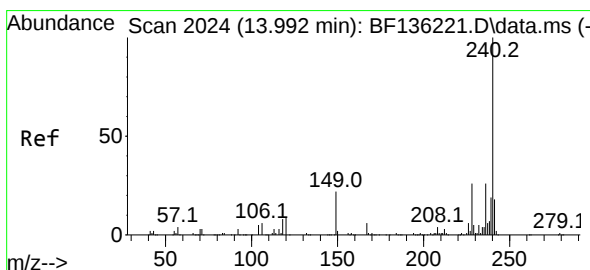
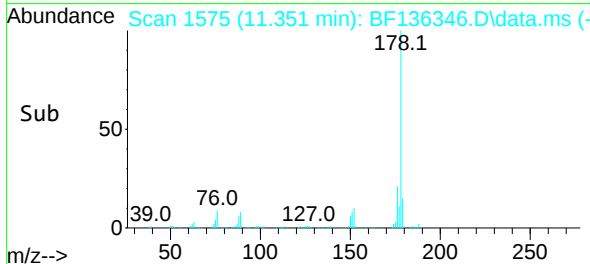
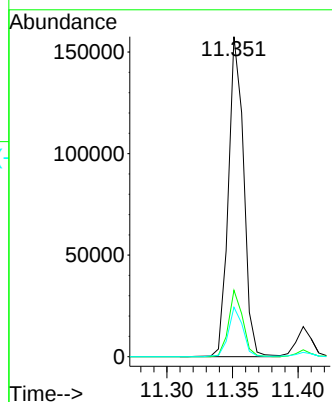
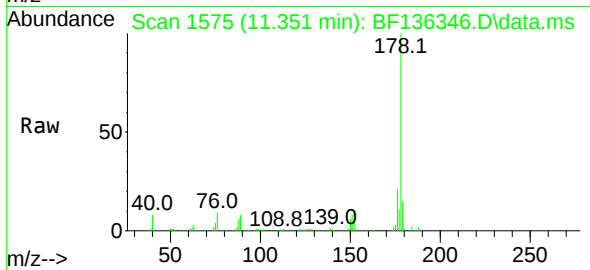
Tgt Ion:178 Resp: 127290

Ion Ratio Lower Upper

178 100

176 20.7 16.2 24.2

179 15.5 10.3 15.5



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.980 min Scan# 2022

Delta R.T. -0.012 min

Lab File: BF136346.D

Acq: 01 Dec 2023 19:38

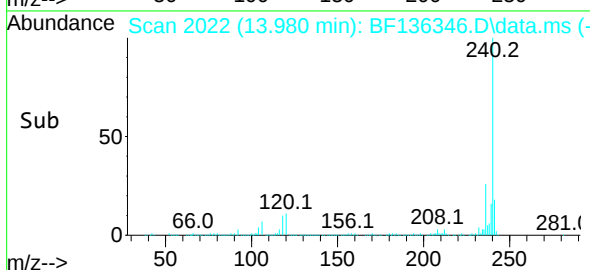
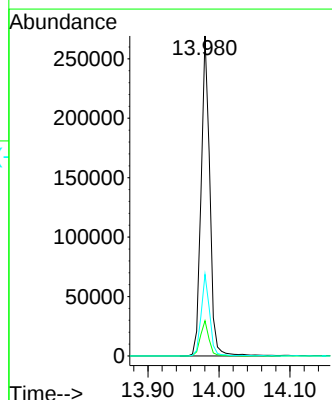
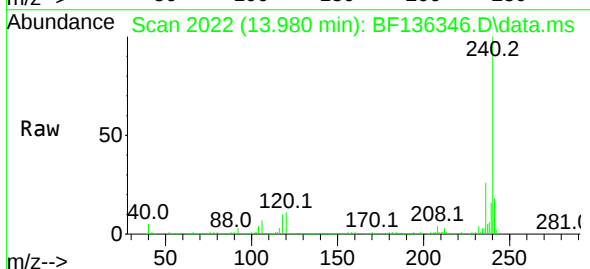
Tgt Ion:240 Resp: 230434

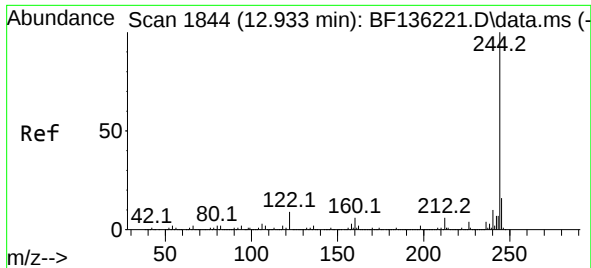
Ion Ratio Lower Upper

240 100

120 11.0 7.4 11.2

236 25.5 21.1 31.7

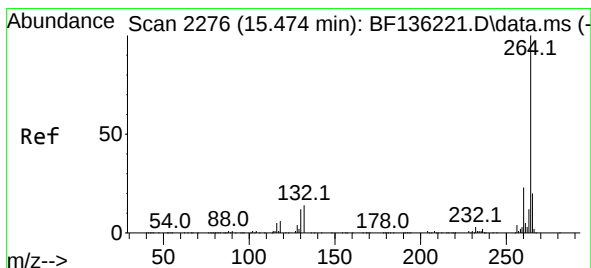
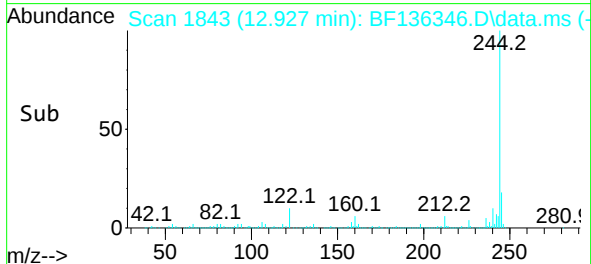
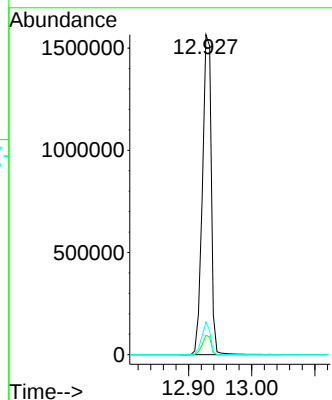
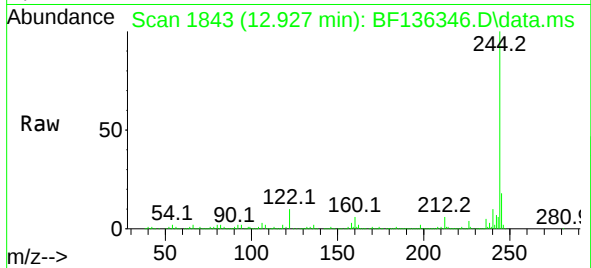




#79
 Terphenyl-d14
 Concen: 76.047 ng
 RT: 12.927 min Scan# 1843
 Delta R.T. -0.006 min
 Lab File: BF136346.D
 Acq: 01 Dec 2023 19:38

Instrument :
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Tgt Ion:244 Resp: 1519207
 Ion Ratio Lower Upper
 244 100
 212 6.0 4.6 7.0
 122 10.2 7.3 10.9



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.463 min Scan# 2274
 Delta R.T. -0.011 min
 Lab File: BF136346.D
 Acq: 01 Dec 2023 19:38

Tgt Ion:264 Resp: 277068
 Ion Ratio Lower Upper
 264 100
 260 23.6 18.6 27.8
 265 21.5 15.7 23.5

