

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120123\
 Data File : BF136345.D
 Acq On : 01 Dec 2023 19:06
 Operator : CG\JU
 Sample : 05525-03
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TWP12

Quant Time: Dec 02 00:34:37 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)

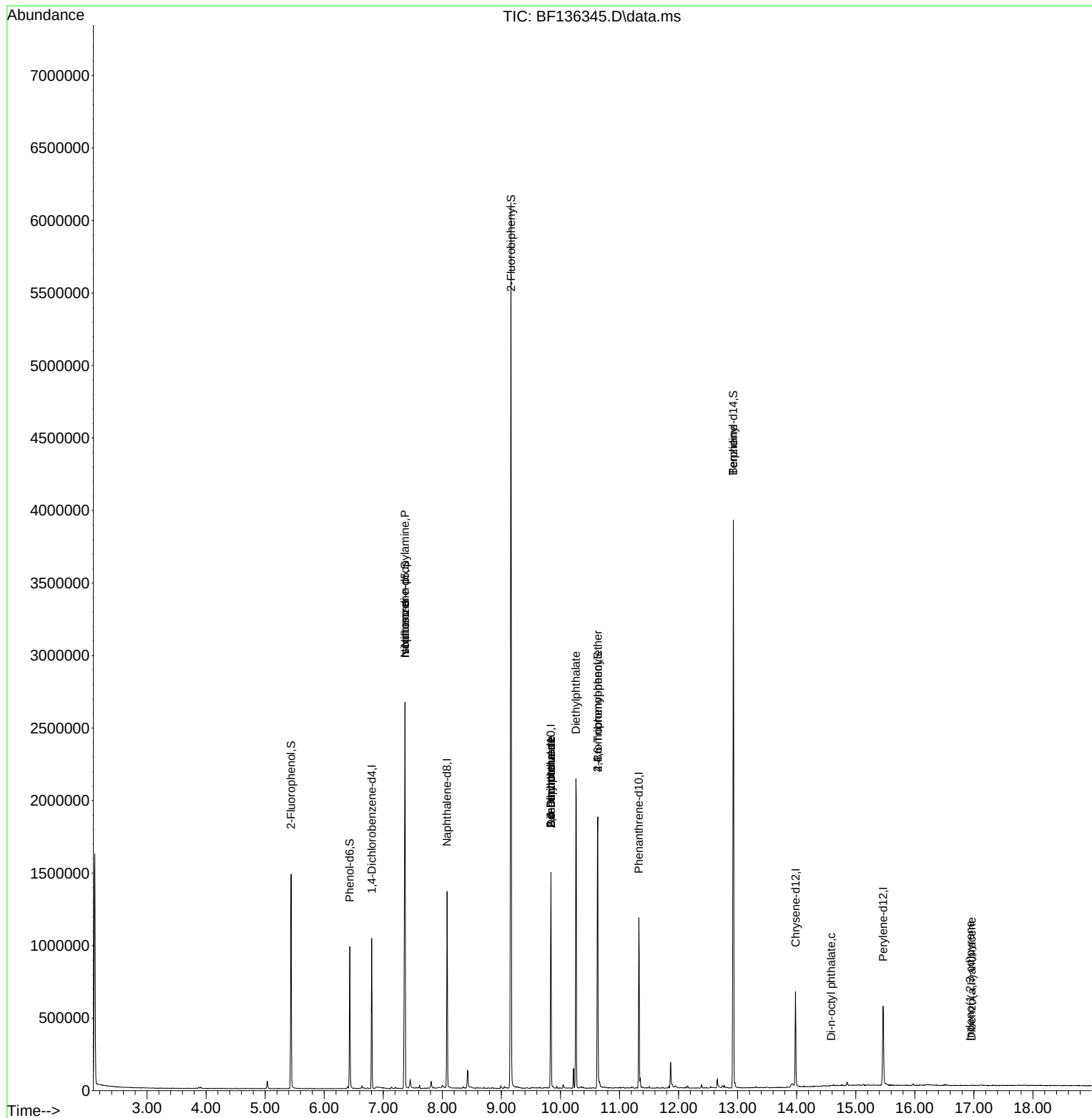
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.804	152	138525	20.000	ng	0.00
21) Naphthalene-d8	8.081	136	568972	20.000	ng	0.00
39) Acenaphthene-d10	9.839	164	281263	20.000	ng	0.00
64) Phenanthrene-d10	11.327	188	414807	20.000	ng	0.00
76) Chrysene-d12	13.980	240	216227	20.000	ng	-0.01
86) Perylene-d12	15.463	264	271303	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.440	112	379098	38.090	ng	0.00
7) Phenol-d6	6.434	99	298096	23.954	ng	-0.01
23) Nitrobenzene-d5	7.369	82	966873	89.798	ng	0.00
42) 2,4,6-Tribromophenol	10.633	330	258271	75.108	ng	0.00
45) 2-Fluorobiphenyl	9.163	172	1942446	88.213	ng	0.00
79) Terphenyl-d14	12.927	244	1387874	74.038	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.369	70	128592	17.277	ng	# 73
25) Isophorone	7.369	82	965570	49.734	ng	# 68
50) Dimethylphthalate	9.839	163	57794	2.719	ng	# 1
51) 2,6-Dinitrotoluene	9.839	165	35757	8.233	ng	# 25
57) 2,4-Dinitrotoluene	9.839	165	35757	6.164	ng	# 28
60) Diethylphthalate	10.263	149	844260	39.702	ng	# 99
67) 4-Bromophenyl-phenylether	10.633	248	15752	3.255	ng	# 1
77) Benzidine	12.927	184	15509	4.363	ng	# 88
85) Di-n-octyl phthalate	14.586	149	442	5.190	ng	# 74
87) Indeno(1,2,3-cd)pyrene	16.939	276	1244	2.737	ng	# 84
91) Dibenzo(a,h)anthracene	16.962	278	467	2.740	ng	# 37

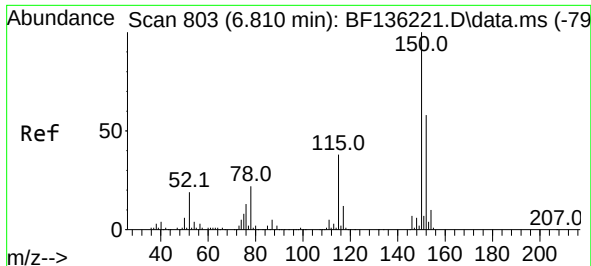
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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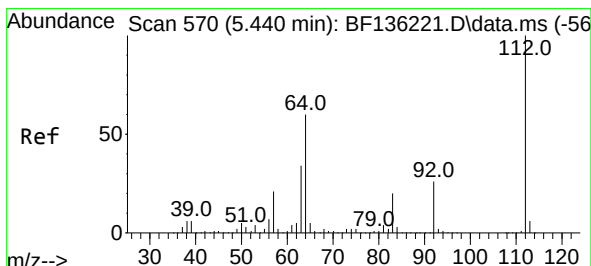
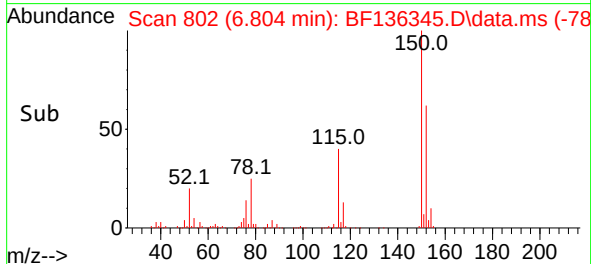
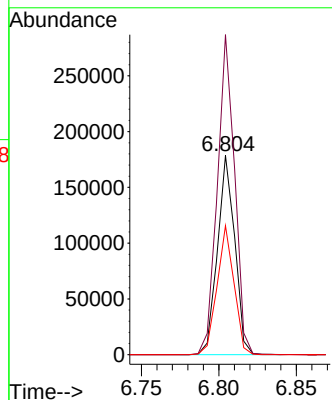
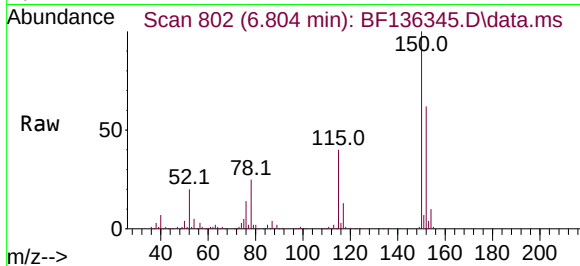




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.804 min Scan# 803
Delta R.T. -0.006 min
Lab File: BF136345.D
Acq: 01 Dec 2023 19:06

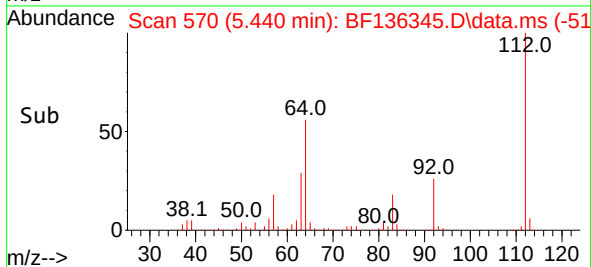
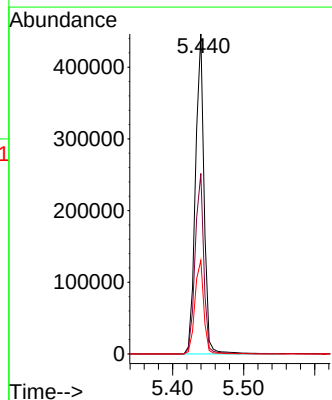
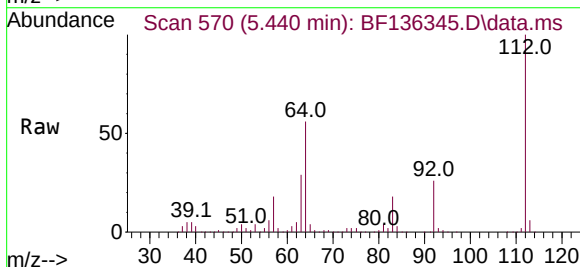
Instrument :
BNA_F
ClientSampleId :
TWP12

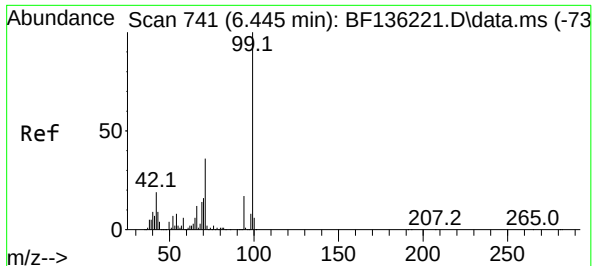
Tgt Ion:152 Resp: 138525
Ion Ratio Lower Upper
152 100
150 160.7 137.8 206.8
115 64.8 52.7 79.1



#5
2-Fluorophenol
Concen: 38.090 ng
RT: 5.440 min Scan# 570
Delta R.T. 0.000 min
Lab File: BF136345.D
Acq: 01 Dec 2023 19:06

Tgt Ion:112 Resp: 379098
Ion Ratio Lower Upper
112 100
64 56.4 48.2 72.4
63 29.2 27.0 40.6

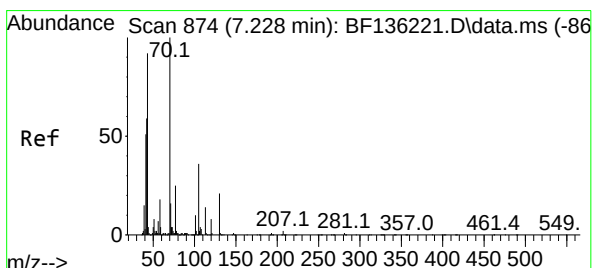
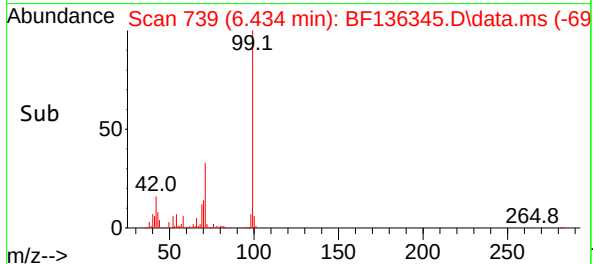
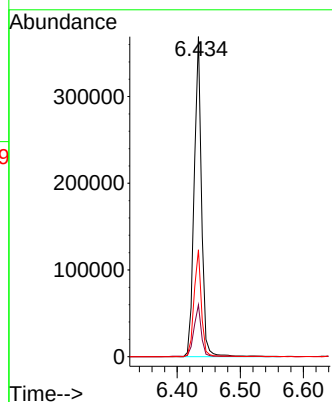
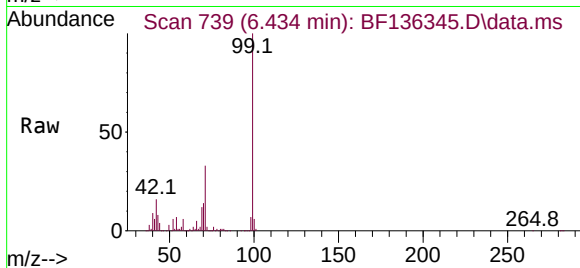




#7
Phenol-d6
Concen: 23.954 ng
RT: 6.434 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF136345.D
Acq: 01 Dec 2023 19:06

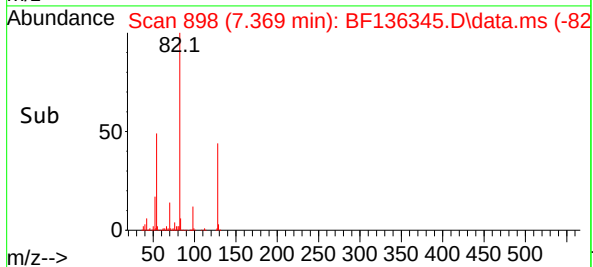
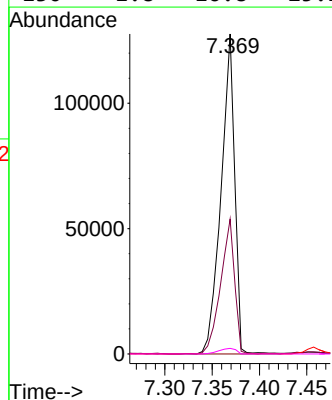
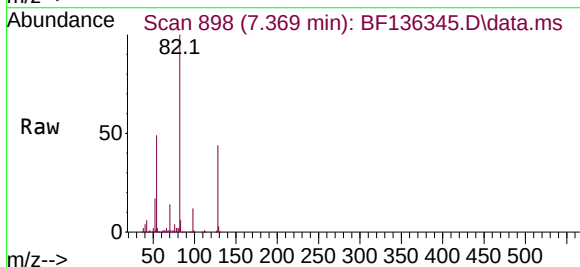
Instrument :
BNA_F
ClientSampleId :
TWP12

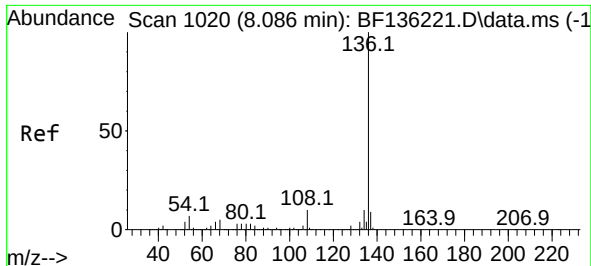
Tgt Ion: 99 Resp: 298096
Ion Ratio Lower Upper
99 100
42 16.2 15.0 22.6
71 33.4 28.9 43.3



#19
n-Nitroso-di-n-propylamine
Concen: 17.277 ng
RT: 7.369 min Scan# 898
Delta R.T. 0.141 min
Lab File: BF136345.D
Acq: 01 Dec 2023 19:06

Tgt Ion: 70 Resp: 128592
Ion Ratio Lower Upper
70 100
42 42.2 47.0 70.4#
101 0.0 7.8 11.8#
130 1.8 16.8 25.2#

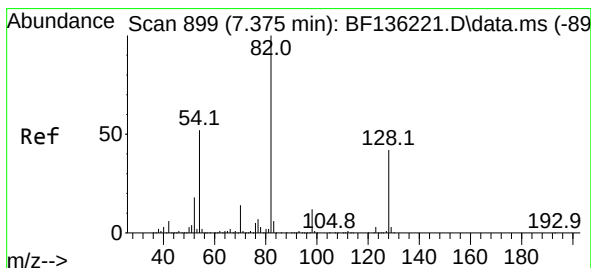
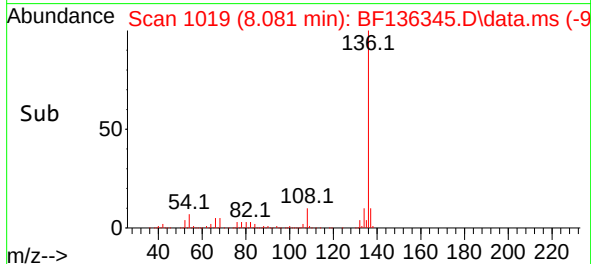
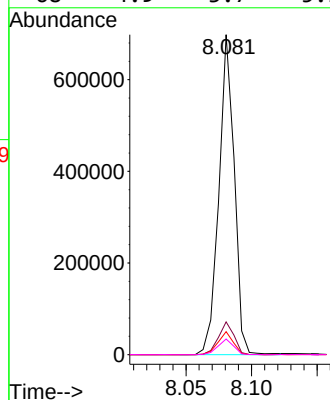
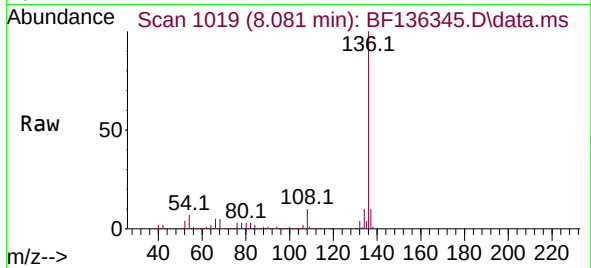




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.081 min Scan# 1019
Delta R.T. -0.006 min
Lab File: BF136345.D
Acq: 01 Dec 2023 19:06

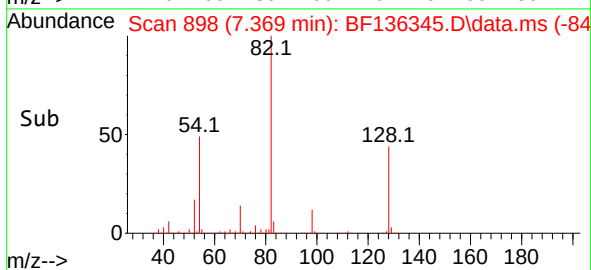
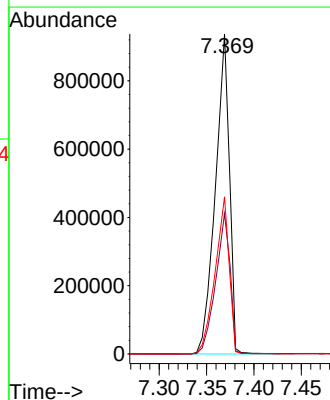
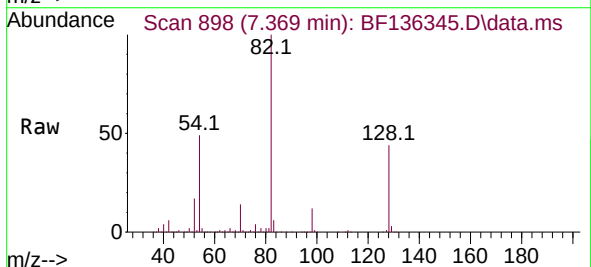
Instrument :
BNA_F
ClientSampleId :
TWP12

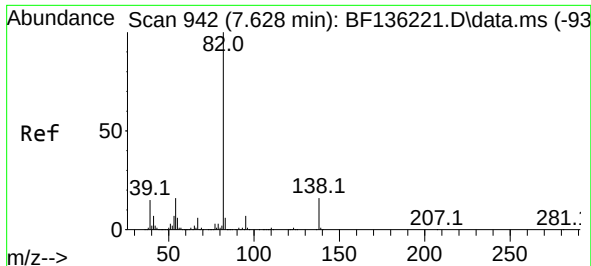
Tgt Ion:136 Resp: 568972
Ion Ratio Lower Upper
136 100
137 10.3 7.4 11.2
54 7.2 5.5 8.3
68 4.9 3.7 5.5



#23
Nitrobenzene-d5
Concen: 89.798 ng
RT: 7.369 min Scan# 898
Delta R.T. -0.006 min
Lab File: BF136345.D
Acq: 01 Dec 2023 19:06

Tgt Ion: 82 Resp: 966873
Ion Ratio Lower Upper
82 100
128 43.9 33.4 50.2
54 49.1 41.7 62.5

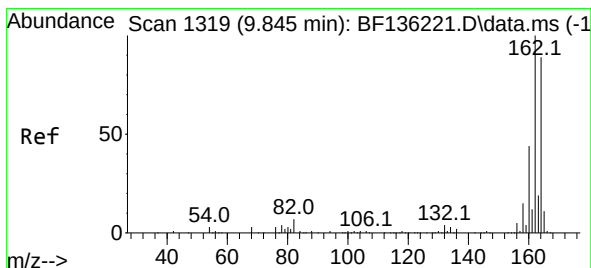
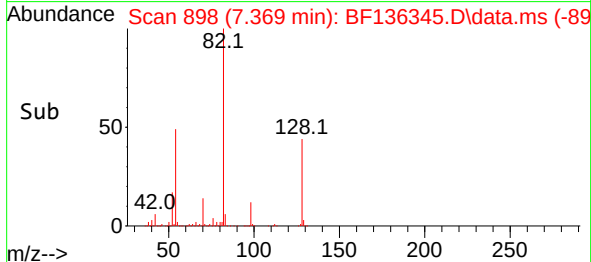
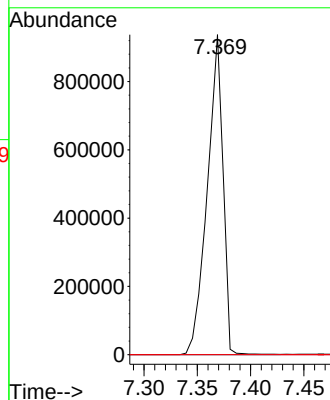
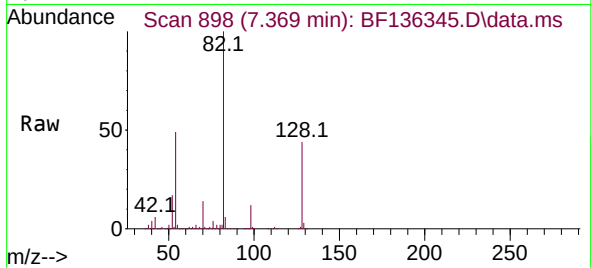




#25
Isophorone
Concen: 49.734 ng
RT: 7.369 min Scan# 89
Delta R.T. -0.259 min
Lab File: BF136345.D
Acq: 01 Dec 2023 19:06

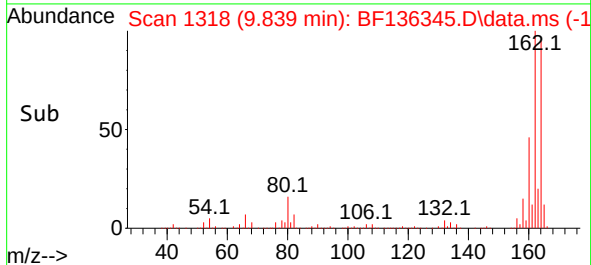
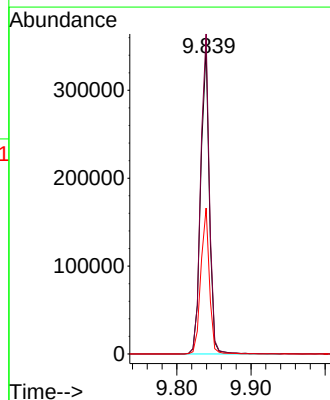
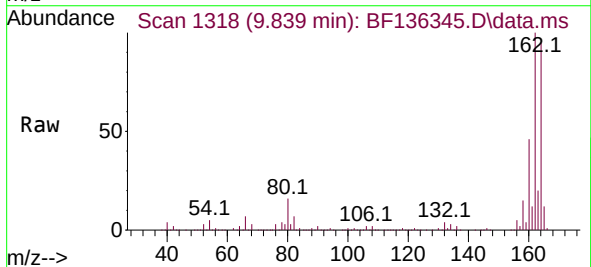
Instrument :
BNA_F
ClientSampleId :
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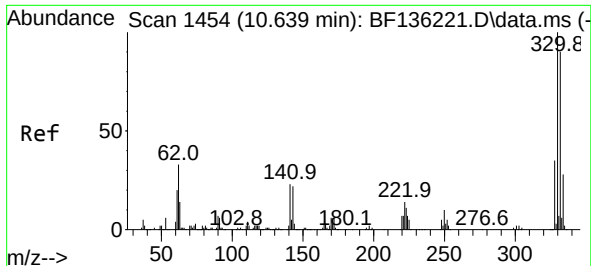
Tgt Ion: 82 Resp: 965570
Ion Ratio Lower Upper
82 100
95 0.0 5.5 8.3#
138 0.0 12.8 19.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.839 min Scan# 1318
Delta R.T. -0.006 min
Lab File: BF136345.D
Acq: 01 Dec 2023 19:06

Tgt Ion:164 Resp: 281263
Ion Ratio Lower Upper
164 100
162 104.7 89.5 134.3
160 47.8 39.6 59.4





#42

2,4,6-Tribromophenol

Concen: 75.108 ng

RT: 10.633 min Scan# 1454

Delta R.T. -0.006 min

Lab File: BF136345.D

Acq: 01 Dec 2023 19:06

Instrument :

BNA_F

ClientSampleId :

TWP12

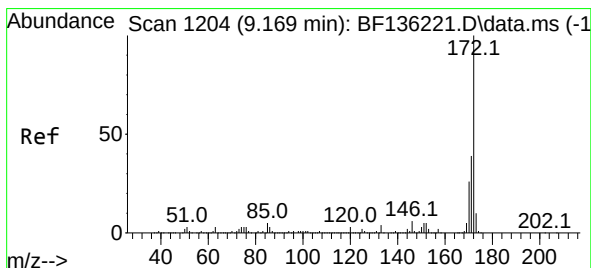
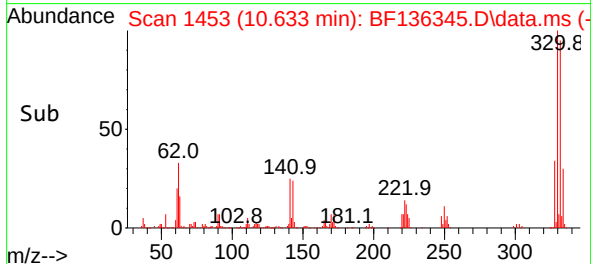
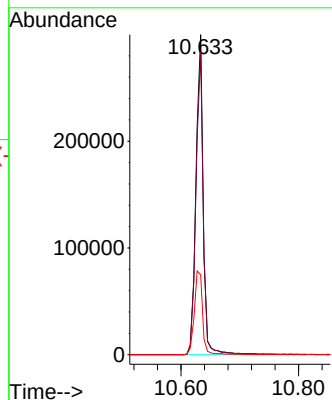
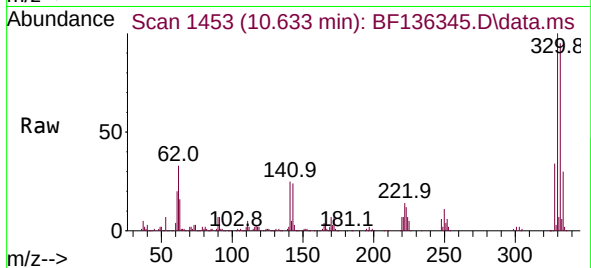
Tgt Ion:330 Resp: 258271

Ion Ratio Lower Upper

330 100

332 95.7 73.0 109.6

141 30.0 24.2 36.2



#45

2-Fluorobiphenyl

Concen: 88.213 ng

RT: 9.163 min Scan# 1203

Delta R.T. -0.006 min

Lab File: BF136345.D

Acq: 01 Dec 2023 19:06

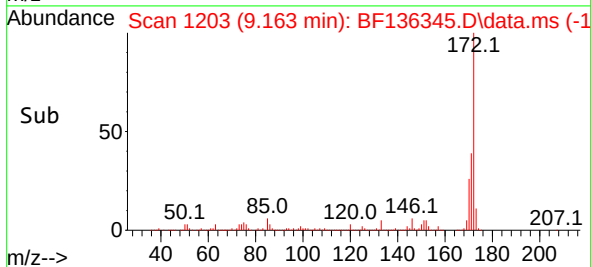
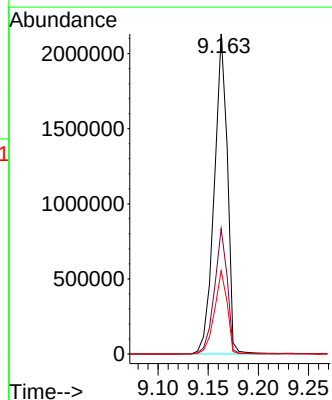
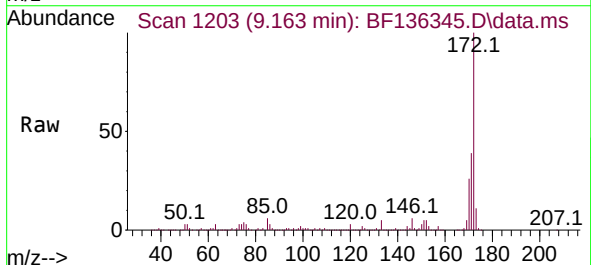
Tgt Ion:172 Resp: 1942446

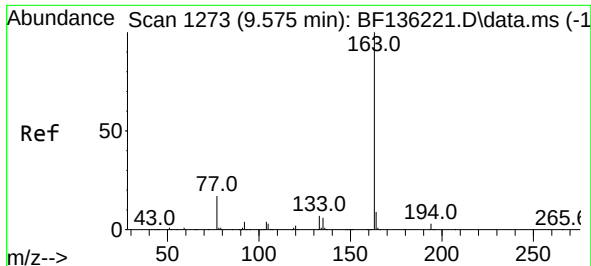
Ion Ratio Lower Upper

172 100

171 39.2 31.5 47.3

170 26.0 20.8 31.2

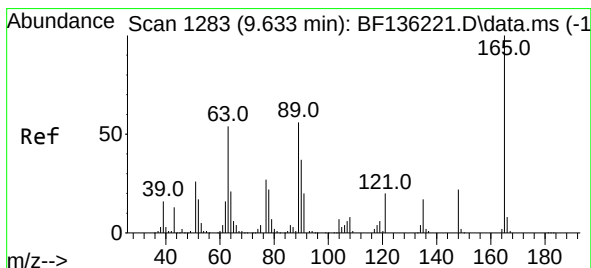
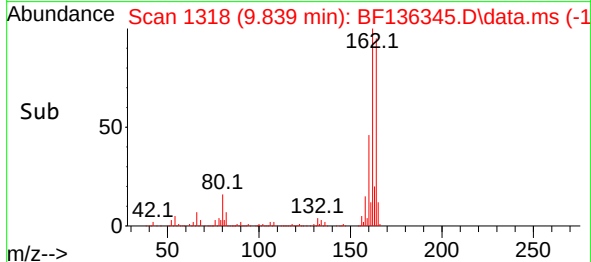
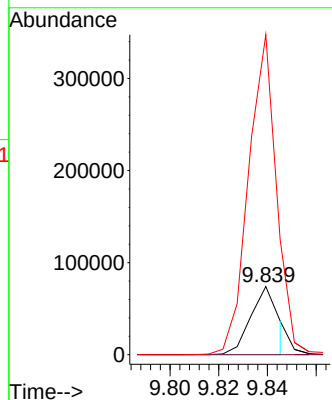
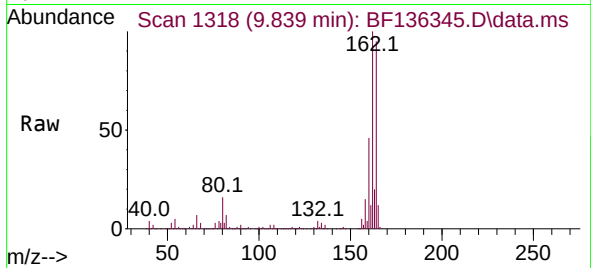




#50
Dimethylphthalate
Concen: 2.719 ng
RT: 9.839 min Scan# 1318
Delta R.T. 0.265 min
Lab File: BF136345.D
Acq: 01 Dec 2023 19:06

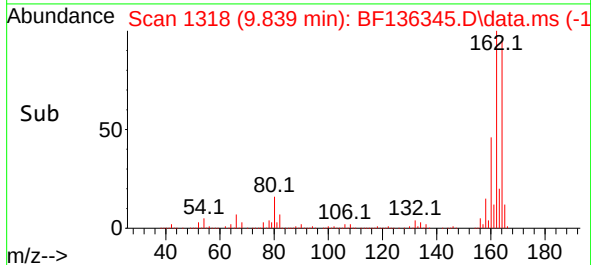
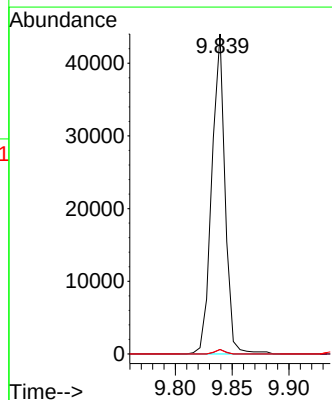
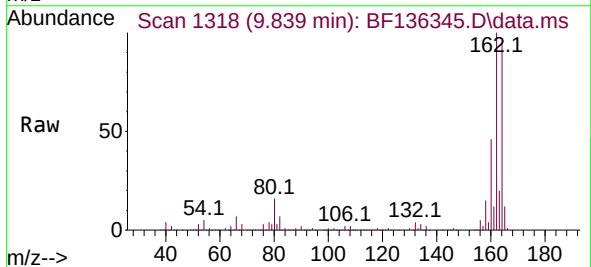
Instrument :
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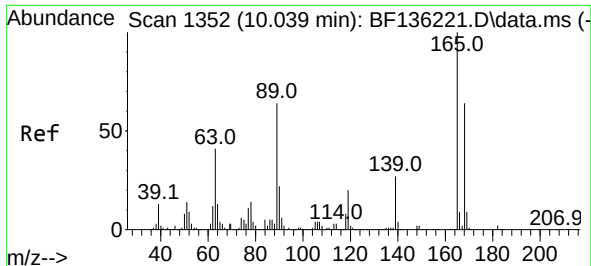
Tgt Ion:163 Resp: 57794
Ion Ratio Lower Upper
163 100
194 0.0 2.5 3.7#
164 469.1 7.0 10.6#



#51
2,6-Dinitrotoluene
Concen: 8.233 ng
RT: 9.839 min Scan# 1318
Delta R.T. 0.206 min
Lab File: BF136345.D
Acq: 01 Dec 2023 19:06

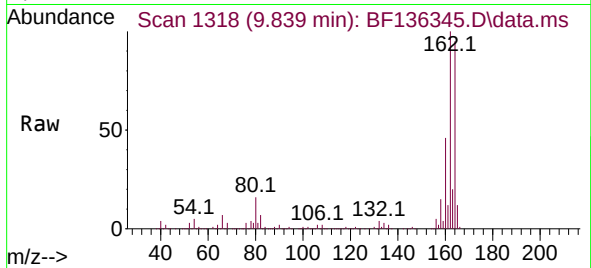
Tgt Ion:165 Resp: 35757
Ion Ratio Lower Upper
165 100
63 1.4 46.2 69.2#
89 1.4 44.9 67.3#



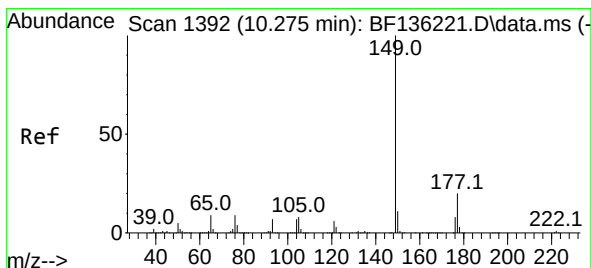
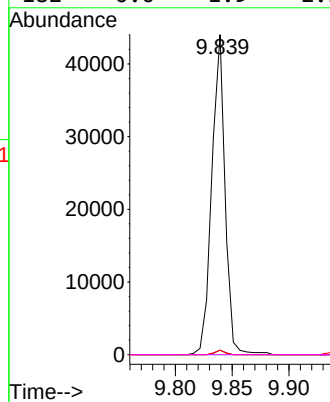
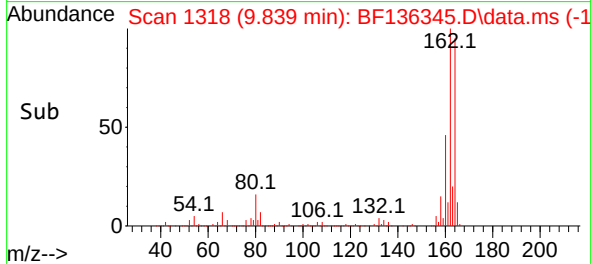


#57
2,4-Dinitrotoluene
Concen: 6.164 ng
RT: 9.839 min Scan# 1318
Delta R.T. -0.200 min
Lab File: BF136345.D
Acq: 01 Dec 2023 19:06

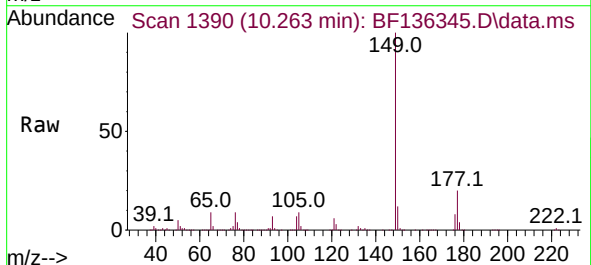
Instrument :
BNA_F
ClientSampleId :
TWP12



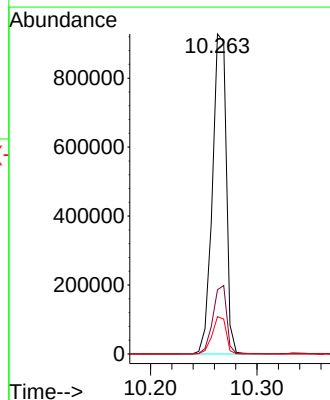
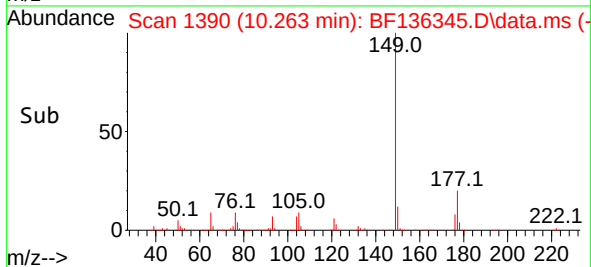
Tgt Ion:165 Resp: 35757
Ion Ratio Lower Upper
165 100
63 1.4 33.0 49.4#
89 1.4 51.5 77.3#
182 0.0 1.9 2.9#

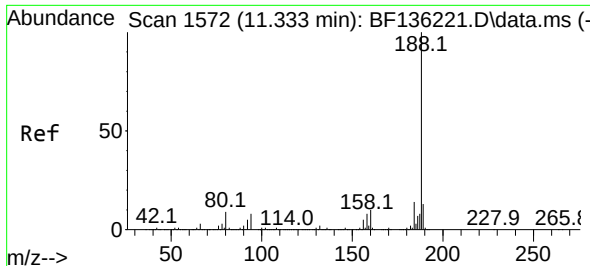


#60
Diethylphthalate
Concen: 39.702 ng
RT: 10.263 min Scan# 1390
Delta R.T. -0.012 min
Lab File: BF136345.D
Acq: 01 Dec 2023 19:06



Tgt Ion:149 Resp: 844260
Ion Ratio Lower Upper
149 100
177 20.0 15.8 23.6
150 11.6 8.8 13.2

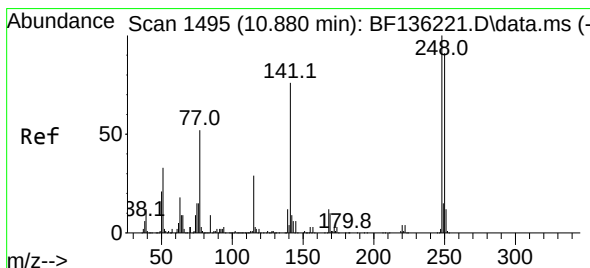
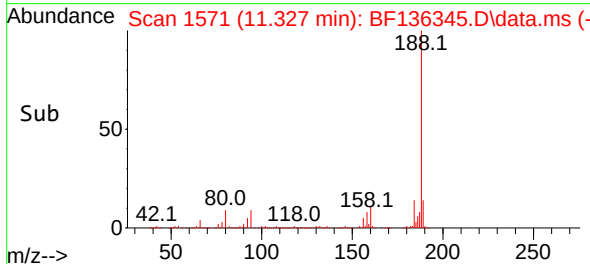
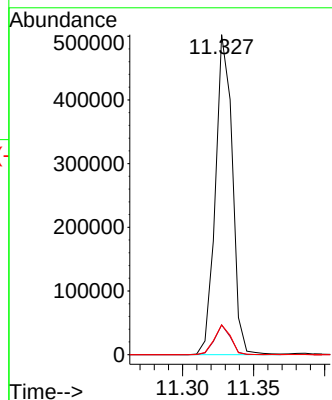
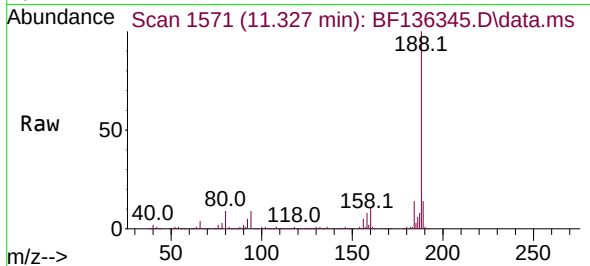




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.327 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF136345.D
Acq: 01 Dec 2023 19:06

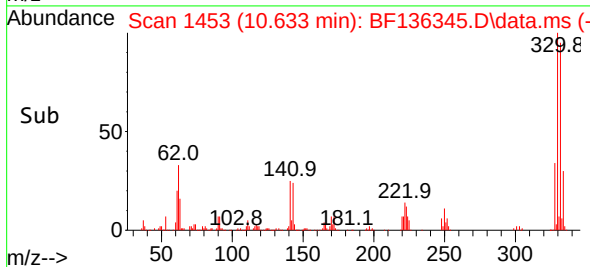
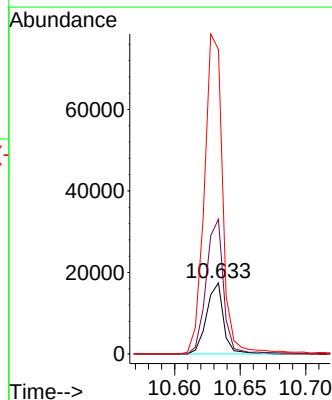
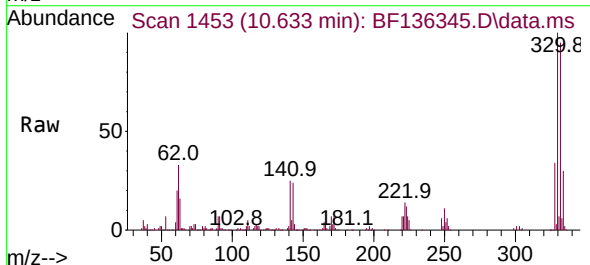
Instrument :
BNA_F
ClientSampleId :
TWP12

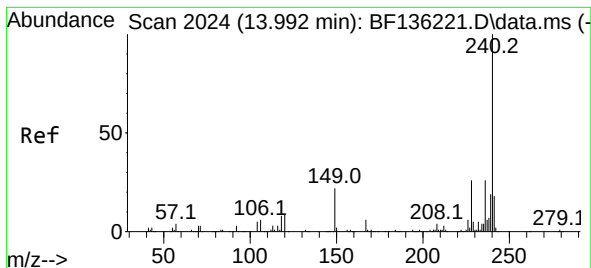
Tgt Ion:188 Resp: 414807
Ion Ratio Lower Upper
188 100
94 9.3 6.7 10.1
80 9.3 7.2 10.8



#67
4-Bromophenyl-phenylether
Concen: 3.255 ng
RT: 10.633 min Scan# 1453
Delta R.T. -0.247 min
Lab File: BF136345.D
Acq: 01 Dec 2023 19:06

Tgt Ion:248 Resp: 15752
Ion Ratio Lower Upper
248 100
250 189.8 72.5 108.7#
141 429.2 60.8 91.2#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.980 min Scan# 20

Delta R.T. -0.012 min

Lab File: BF136345.D

Acq: 01 Dec 2023 19:06

Instrument :

BNA_F

ClientSampleId :

TWP12

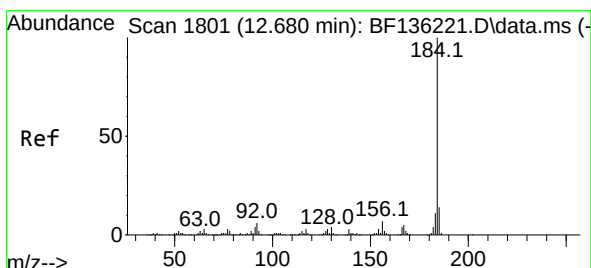
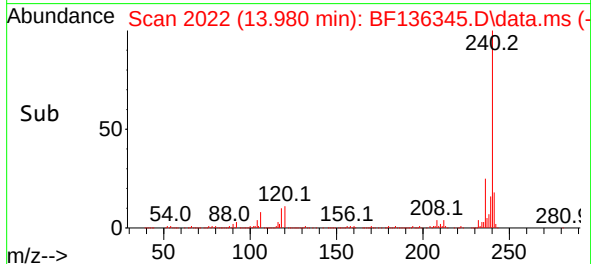
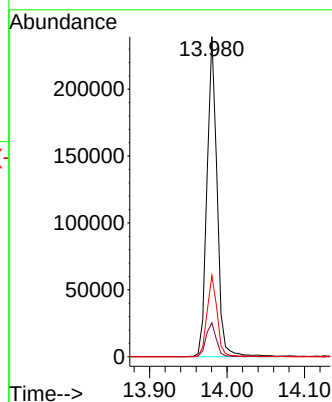
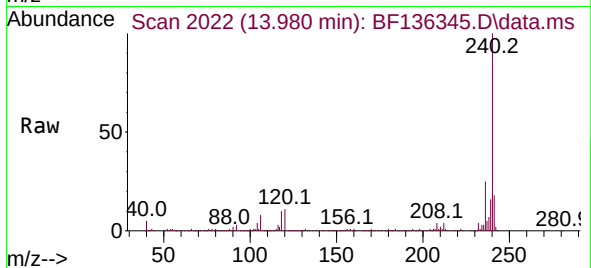
Tgt Ion:240 Resp: 216227

Ion Ratio Lower Upper

240 100

120 10.6 7.4 11.2

236 25.3 21.1 31.7



#77

Benzidine

Concen: 4.363 ng

RT: 12.927 min Scan# 1843

Delta R.T. 0.247 min

Lab File: BF136345.D

Acq: 01 Dec 2023 19:06

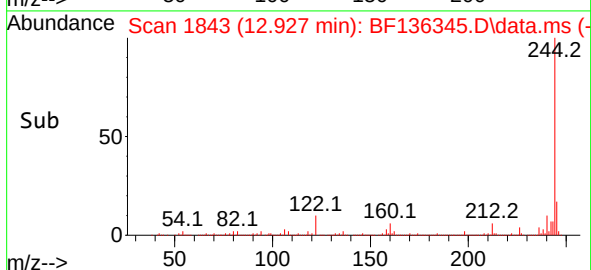
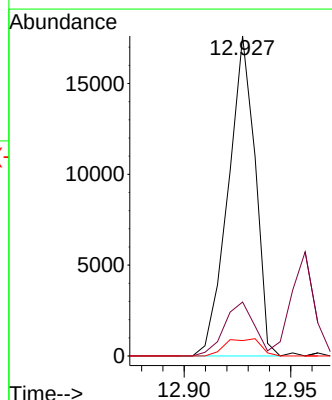
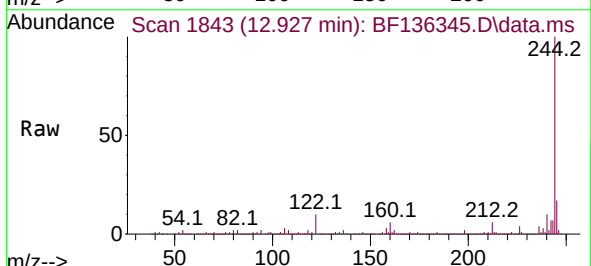
Tgt Ion:184 Resp: 15509

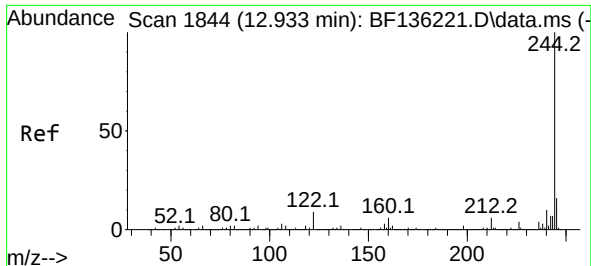
Ion Ratio Lower Upper

184 100

185 16.9 11.0 16.6#

183 4.8 9.0 13.4#

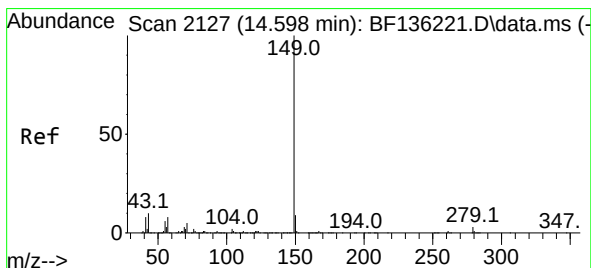
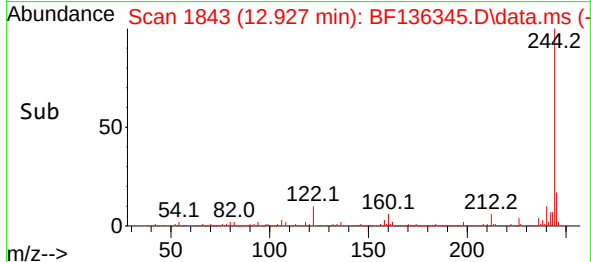
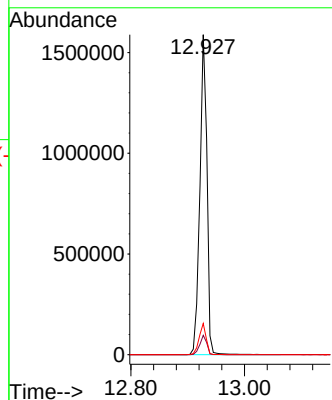
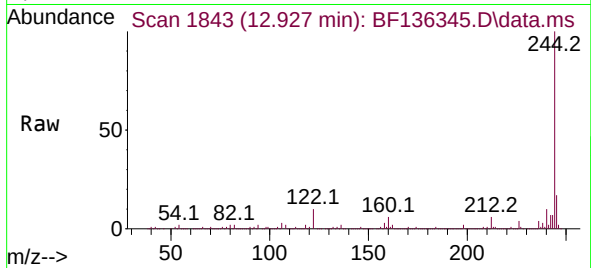




#79
 Terphenyl-d14
 Concen: 74.038 ng
 RT: 12.927 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF136345.D
 Acq: 01 Dec 2023 19:06

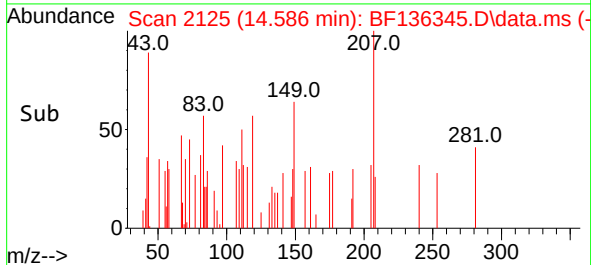
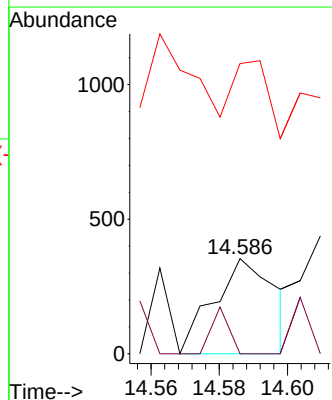
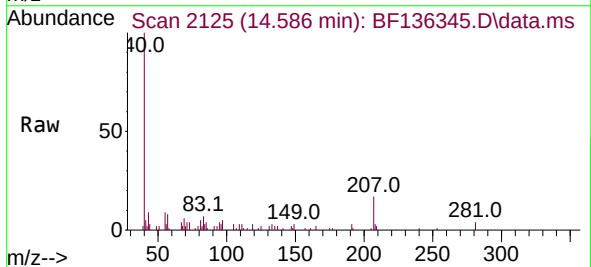
Instrument :
 BNA_F
 ClientSampleId :
 TWP12

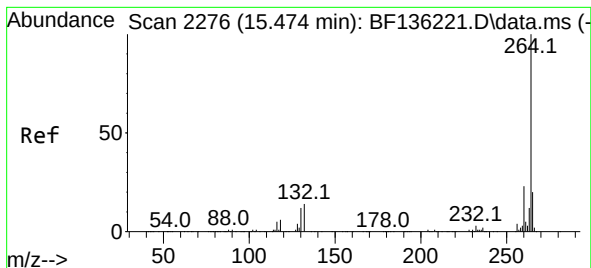
Tgt Ion:244 Resp: 1387874
 Ion Ratio Lower Upper
 244 100
 212 6.1 4.6 7.0
 122 9.7 7.3 10.9



#85
 Di-n-octyl phthalate
 Concen: 5.190 ng
 RT: 14.586 min Scan# 2125
 Delta R.T. -0.012 min
 Lab File: BF136345.D
 Acq: 01 Dec 2023 19:06

Tgt Ion:149 Resp: 442
 Ion Ratio Lower Upper
 149 100
 167 13.8 1.0 1.6#
 43 0.0 7.2 10.8#





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.463 min Scan# 21

Delta R.T. -0.011 min

Lab File: BF136345.D

Acq: 01 Dec 2023 19:06

Instrument :

BNA_F

ClientSampleId :

TWP12

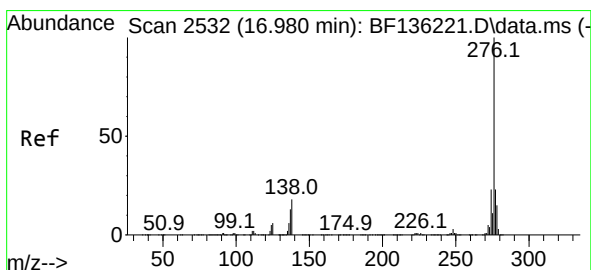
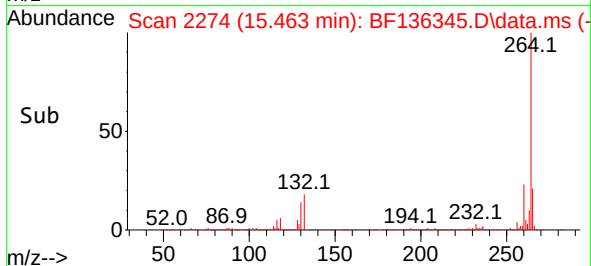
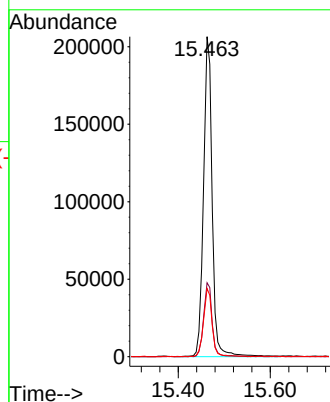
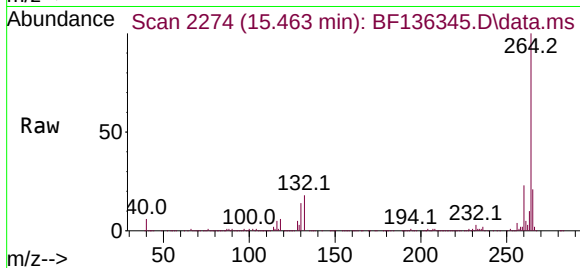
Tgt Ion:264 Resp: 271303

Ion Ratio Lower Upper

264 100

260 23.1 18.6 27.8

265 21.3 15.7 23.5



#87

Indeno(1,2,3-cd)pyrene

Concen: 2.737 ng

RT: 16.939 min Scan# 2525

Delta R.T. -0.041 min

Lab File: BF136345.D

Acq: 01 Dec 2023 19:06

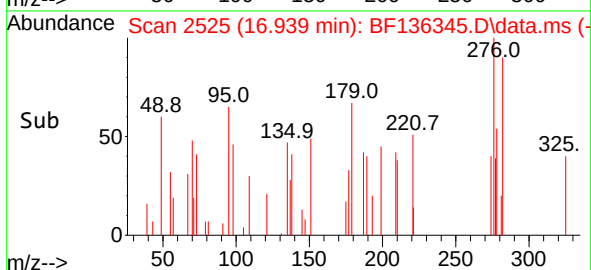
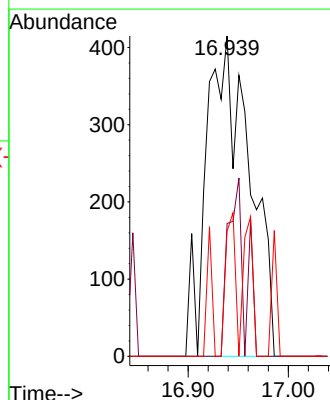
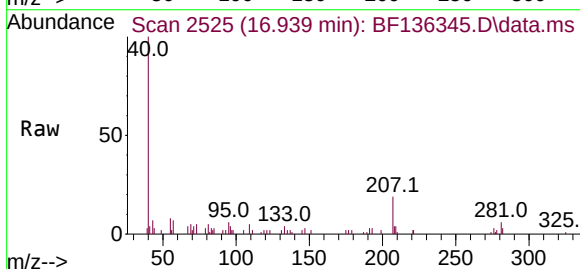
Tgt Ion:276 Resp: 1244

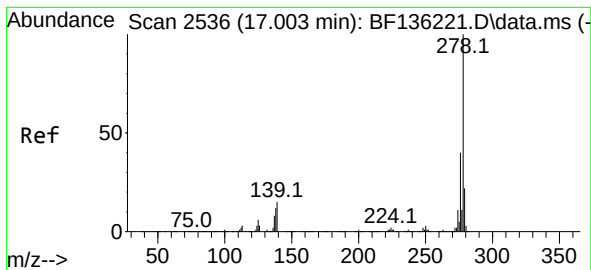
Ion Ratio Lower Upper

276 100

138 21.4 17.7 26.5

277 9.9 19.6 29.4#





#91

Dibenzo(a,h)anthracene

Concen: 2.740 ng

RT: 16.962 min Scan# 21

Delta R.T. -0.041 min

Lab File: BF136345.D

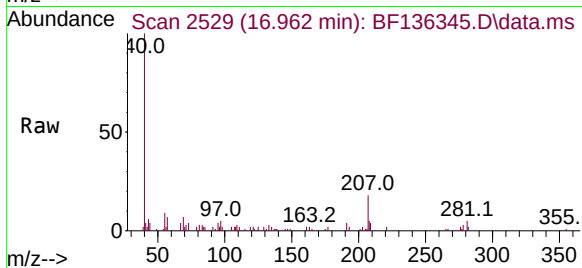
Acq: 01 Dec 2023 19:06

Instrument :

BNA_F

ClientSampleId :

TWP12



Tgt Ion:278 Resp: 467

Ion Ratio Lower Upper

278 100

139 50.7 11.7 17.5#

279 0.0 17.8 26.8#

