

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112823\
 Data File : BF136240.D
 Acq On : 28 Nov 2023 10:19
 Operator : CG\JU
 Sample : PB157023BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB157023BL

Quant Time: Nov 28 11:39:55 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)

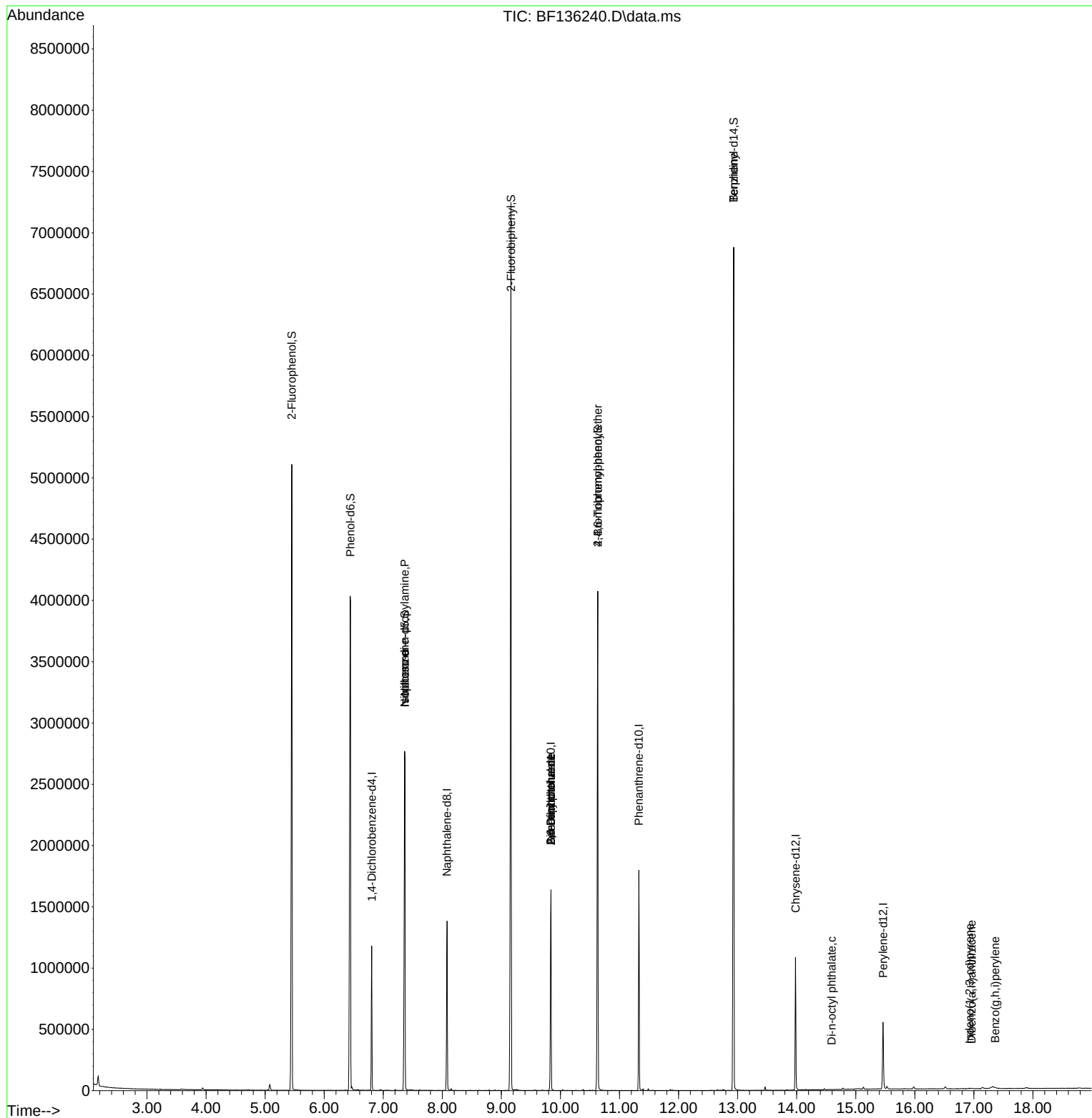
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.804	152	149147	20.000	ng	0.00
21) Naphthalene-d8	8.081	136	631041	20.000	ng	0.00
39) Acenaphthene-d10	9.839	164	322004	20.000	ng	0.00
64) Phenanthrene-d10	11.327	188	619412	20.000	ng	0.00
76) Chrysene-d12	13.980	240	341789	20.000	ng	-0.01
86) Perylene-d12	15.462	264	245611	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.451	112	1460128	136.260	ng	0.01
7) Phenol-d6	6.445	99	1829193	136.521	ng	0.00
23) Nitrobenzene-d5	7.363	82	1119404	93.739	ng	-0.01
42) 2,4,6-Tribromophenol	10.633	330	553918	140.704	ng	0.00
45) 2-Fluorobiphenyl	9.163	172	2301383	91.290	ng	0.00
79) Terphenyl-d14	12.933	244	2611644	88.139	ng	0.00
Target Compounds					Qvalue	
19) n-Nitroso-di-n-propyla...	7.363	70	147953	18.463	ng	# 76
25) Isophorone	7.363	82	1114432	51.755	ng	# 68
50) Dimethylphthalate	9.839	163	68540	2.816	ng	# 1
51) 2,6-Dinitrotoluene	9.839	165	38821	7.808	ng	# 25
57) 2,4-Dinitrotoluene	9.839	165	38821	5.845	ng	# 28
67) 4-Bromophenyl-phenylether	10.633	248	30938	4.281	ng	# 1
77) Benzidine	12.933	184	27921	4.970	ng	# 92
85) Di-n-octyl phthalate	14.592	149	713	5.190	ng	# 1
87) Indeno(1,2,3-cd)pyrene	16.927	276	4432	2.907	ng	# 85
91) Dibenzo(a,h)anthracene	16.962	278	3571	2.942	ng	# 94
92) Benzo(g,h,i)perylene	17.362	276	3121	2.103	ng	# 54

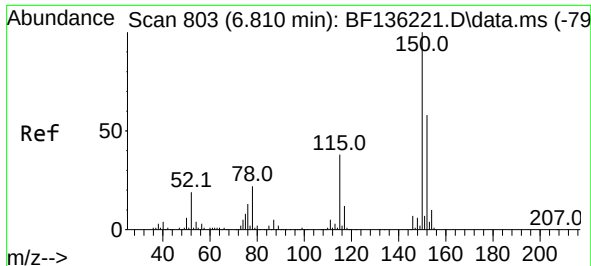
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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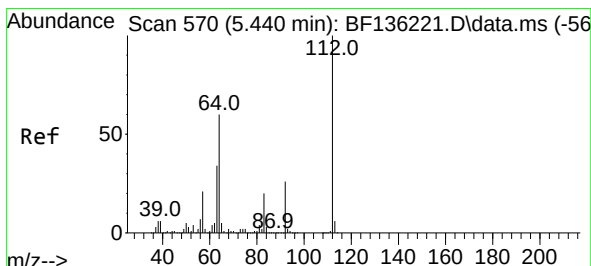
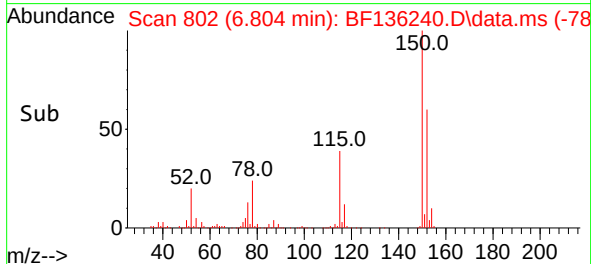
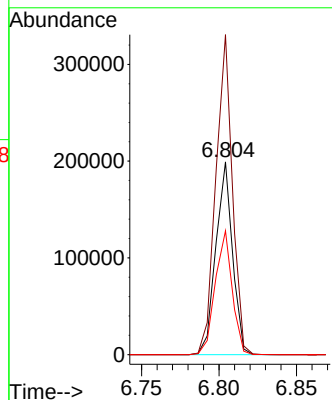
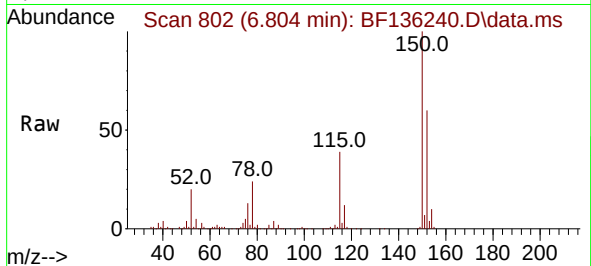




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.804 min Scan# 803
Delta R.T. -0.006 min
Lab File: BF136240.D
Acq: 28 Nov 2023 10:19

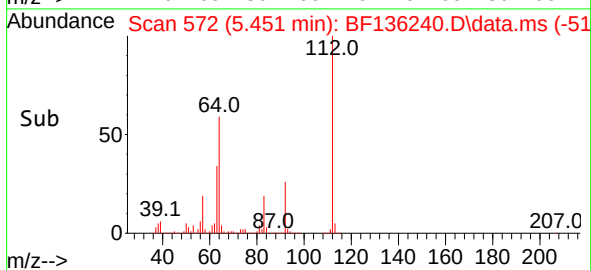
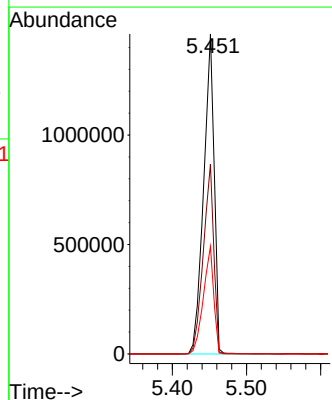
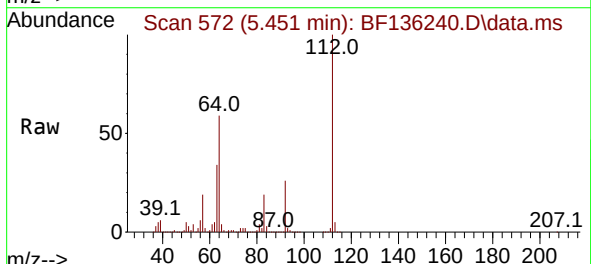
Instrument :
BNA_F
ClientSampleId :
PB157023BL

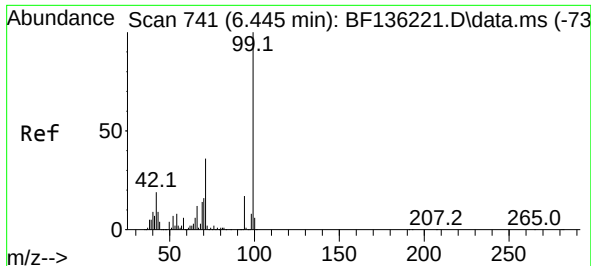
Tgt Ion:152 Resp: 149147
Ion Ratio Lower Upper
152 100
150 165.9 137.8 206.8
115 64.2 52.7 79.1



#5
2-Fluorophenol
Concen: 136.260 ng
RT: 5.451 min Scan# 572
Delta R.T. 0.012 min
Lab File: BF136240.D
Acq: 28 Nov 2023 10:19

Tgt Ion:112 Resp: 1460128
Ion Ratio Lower Upper
112 100
64 59.3 48.2 72.4
63 33.6 27.0 40.6

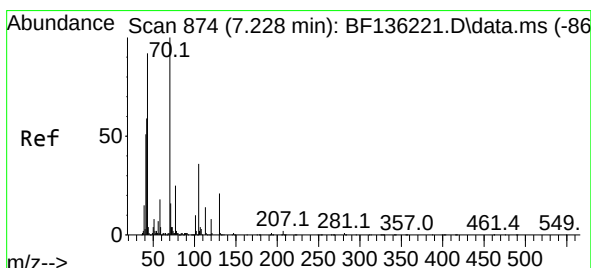
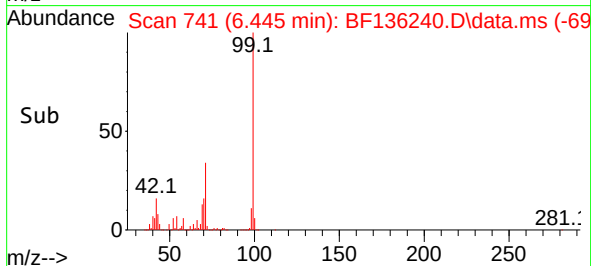
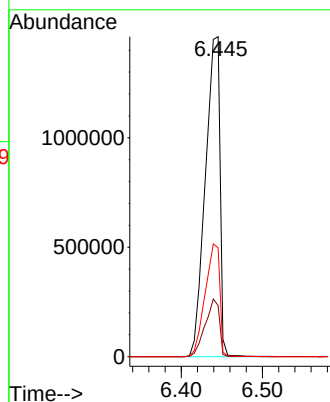
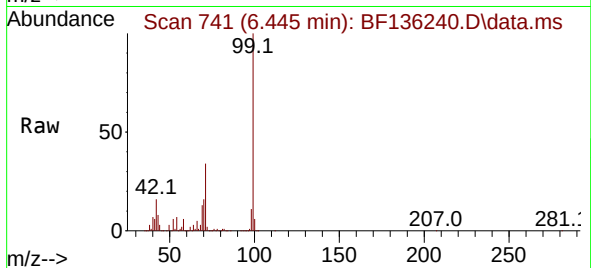




#7
Phenol-d6
Concen: 136.521 ng
RT: 6.445 min Scan# 741
Delta R.T. 0.000 min
Lab File: BF136240.D
Acq: 28 Nov 2023 10:19

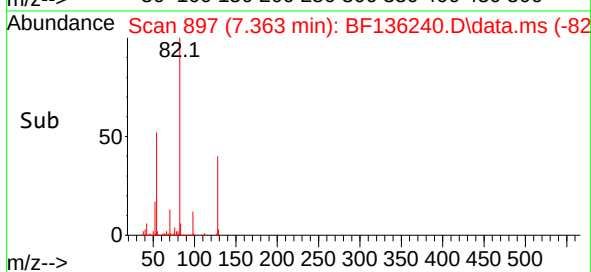
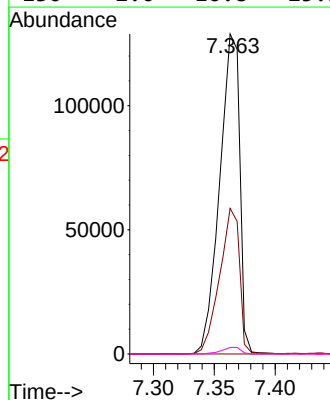
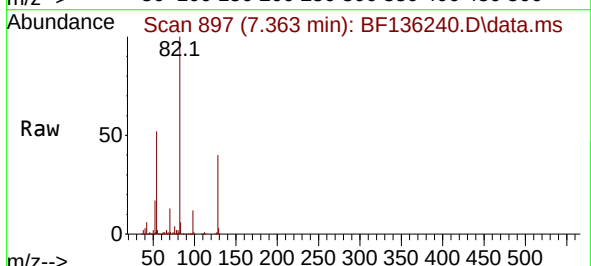
Instrument :
BNA_F
ClientSampleId :
PB157023BL

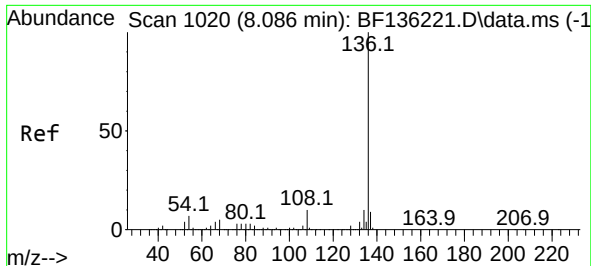
Tgt Ion: 99 Resp: 1829193
Ion Ratio Lower Upper
99 100
42 16.0 15.0 22.6
71 34.0 28.9 43.3



#19
n-Nitroso-di-n-propylamine
Concen: 18.463 ng
RT: 7.363 min Scan# 897
Delta R.T. 0.135 min
Lab File: BF136240.D
Acq: 28 Nov 2023 10:19

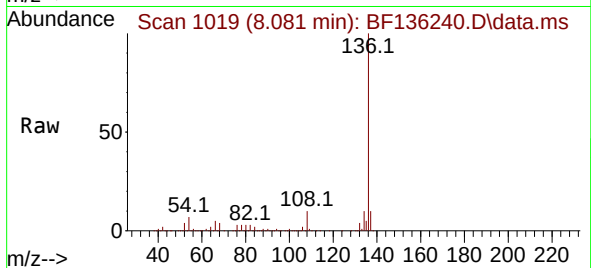
Tgt Ion: 70 Resp: 147953
Ion Ratio Lower Upper
70 100
42 45.5 47.0 70.4#
101 0.0 7.8 11.8#
130 2.0 16.8 25.2#



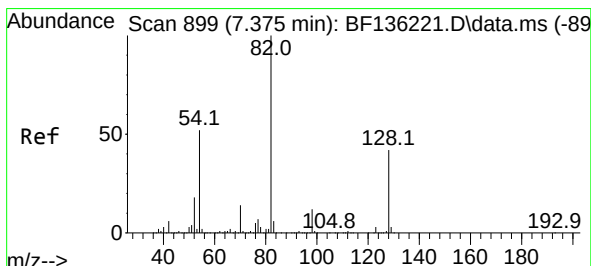
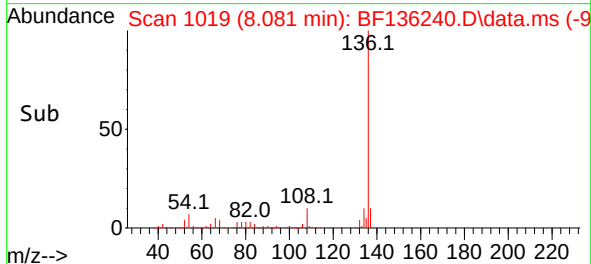
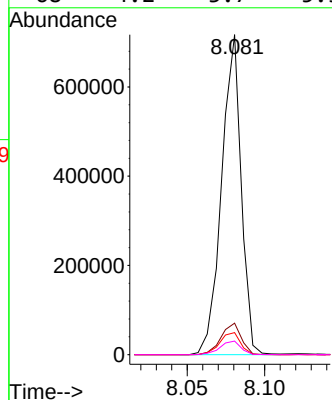


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.081 min Scan# 1019
Delta R.T. -0.006 min
Lab File: BF136240.D
Acq: 28 Nov 2023 10:19

Instrument :
BNA_F
ClientSampleId :
PB157023BL

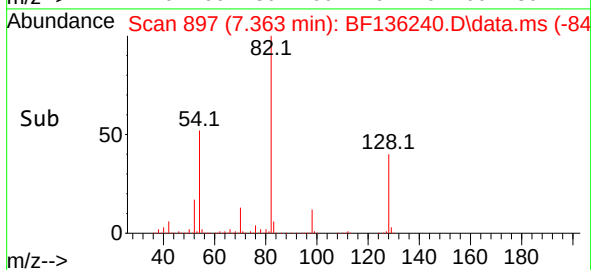
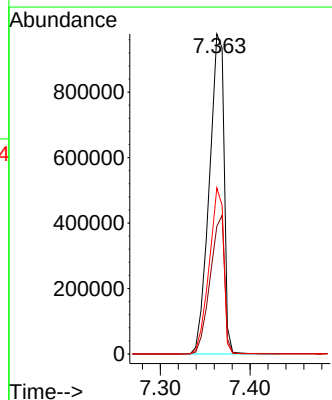
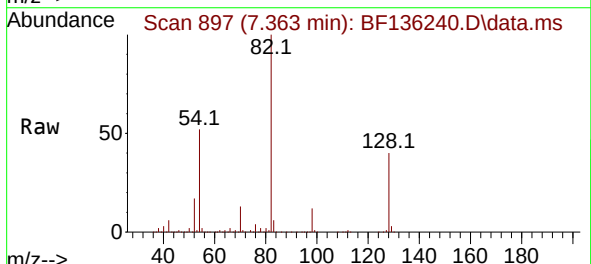


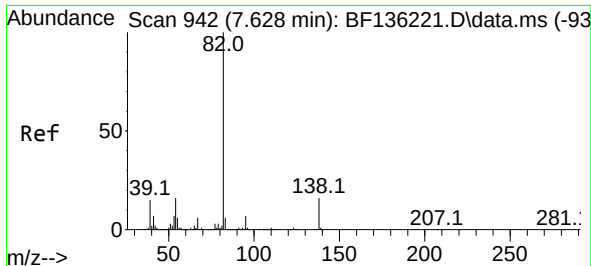
Tgt Ion:136 Resp: 631041
Ion Ratio Lower Upper
136 100
137 9.9 7.4 11.2
54 6.9 5.5 8.3
68 4.2 3.7 5.5



#23
Nitrobenzene-d5
Concen: 93.739 ng
RT: 7.363 min Scan# 897
Delta R.T. -0.012 min
Lab File: BF136240.D
Acq: 28 Nov 2023 10:19

Tgt Ion: 82 Resp: 1119404
Ion Ratio Lower Upper
82 100
128 39.9 33.4 50.2
54 51.9 41.7 62.5

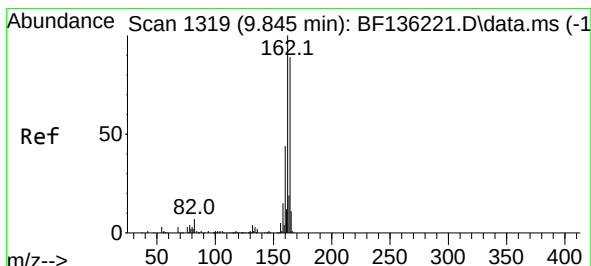
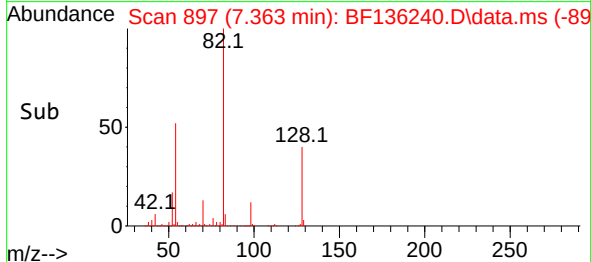
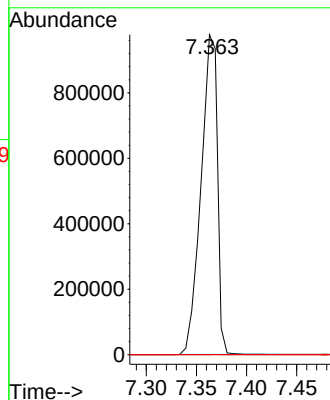
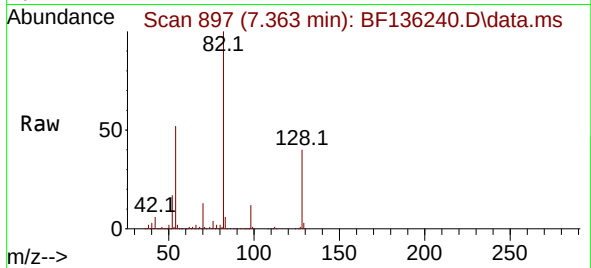




#25
Isophorone
Concen: 51.755 ng
RT: 7.363 min Scan# 897
Delta R.T. -0.265 min
Lab File: BF136240.D
Acq: 28 Nov 2023 10:19

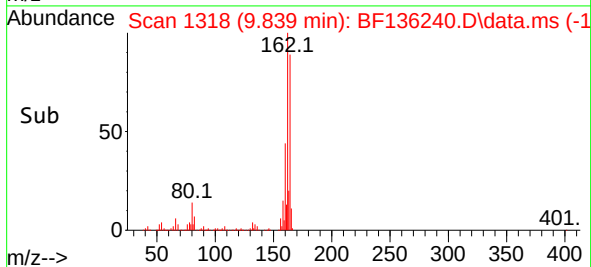
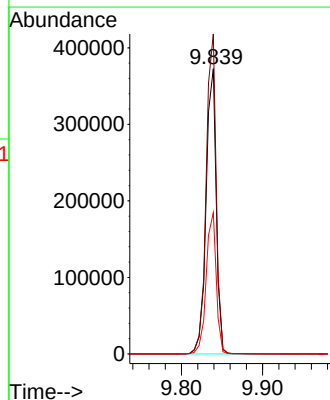
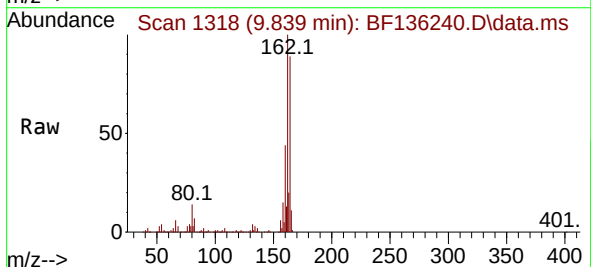
Instrument :
BNA_F
ClientSampleId :
PB157023BL

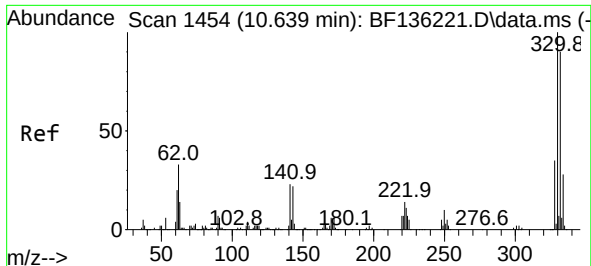
Tgt Ion: 82 Resp: 1114432
Ion Ratio Lower Upper
82 100
95 0.0 5.5 8.3#
138 0.0 12.8 19.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.839 min Scan# 1318
Delta R.T. -0.006 min
Lab File: BF136240.D
Acq: 28 Nov 2023 10:19

Tgt Ion:164 Resp: 322004
Ion Ratio Lower Upper
164 100
162 112.2 89.5 134.3
160 49.5 39.6 59.4





#42

2,4,6-Tribromophenol

Concen: 140.704 ng

RT: 10.633 min Scan# 1454

Delta R.T. -0.006 min

Lab File: BF136240.D

Acq: 28 Nov 2023 10:19

Instrument :

BNA_F

ClientSampleId :

PB157023BL

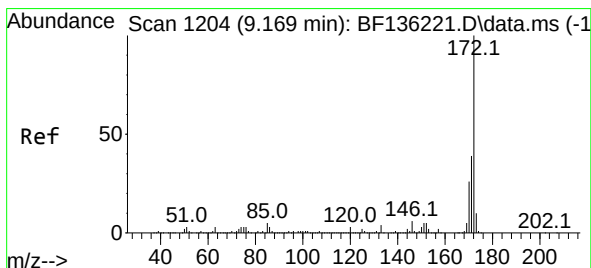
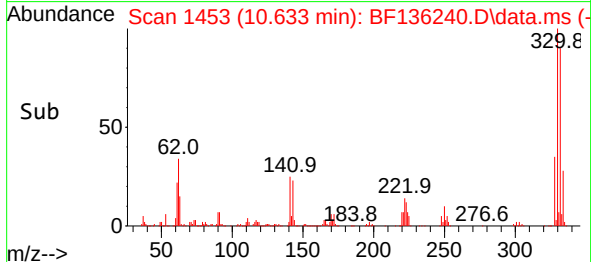
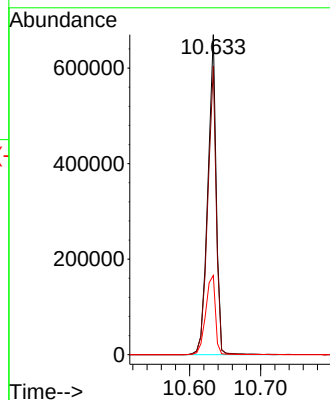
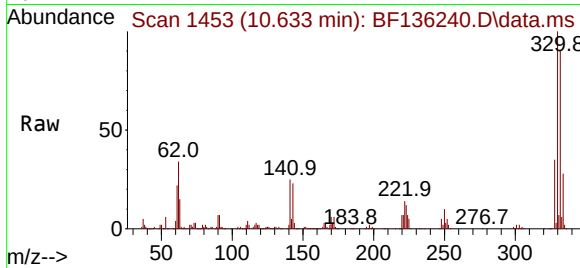
Tgt Ion:330 Resp: 553918

Ion Ratio Lower Upper

330 100

332 91.7 73.0 109.6

141 28.7 24.2 36.2



#45

2-Fluorobiphenyl

Concen: 91.290 ng

RT: 9.163 min Scan# 1203

Delta R.T. -0.006 min

Lab File: BF136240.D

Acq: 28 Nov 2023 10:19

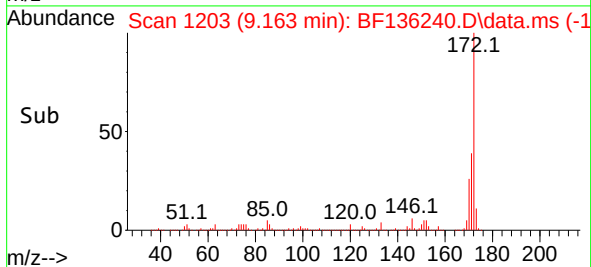
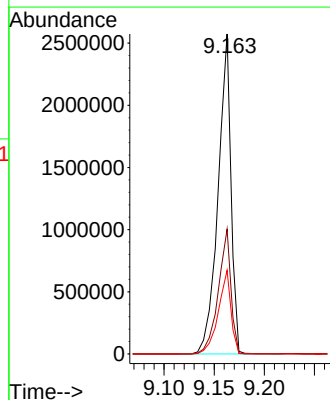
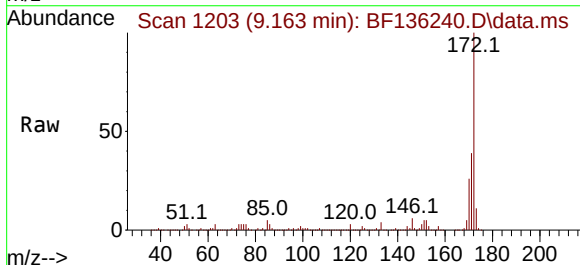
Tgt Ion:172 Resp: 2301383

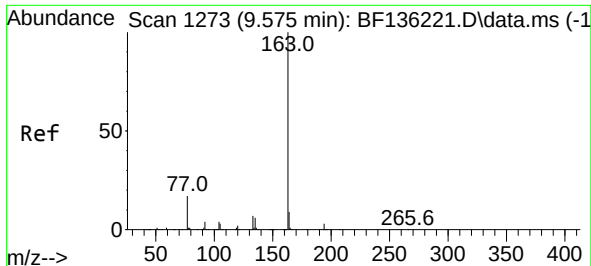
Ion Ratio Lower Upper

172 100

171 39.0 31.5 47.3

170 26.1 20.8 31.2

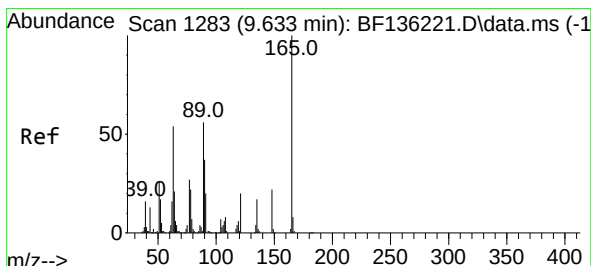
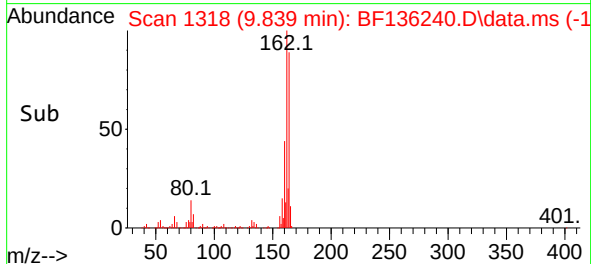
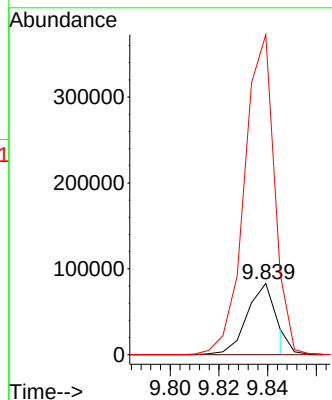
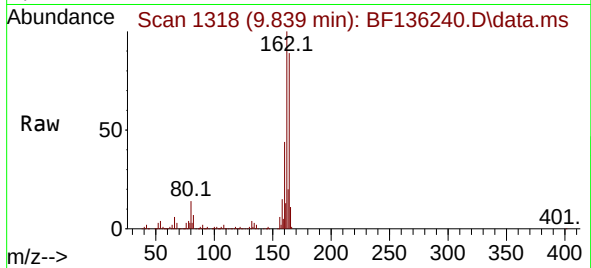




#50
Dimethylphthalate
Concen: 2.816 ng
RT: 9.839 min Scan# 11
Delta R.T. 0.265 min
Lab File: BF136240.D
Acq: 28 Nov 2023 10:19

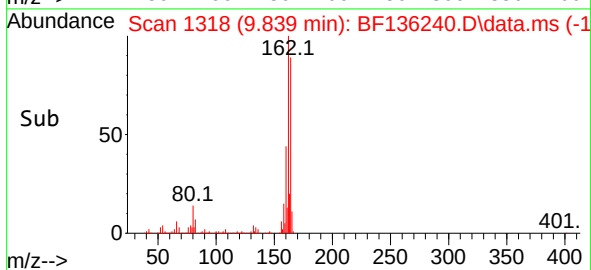
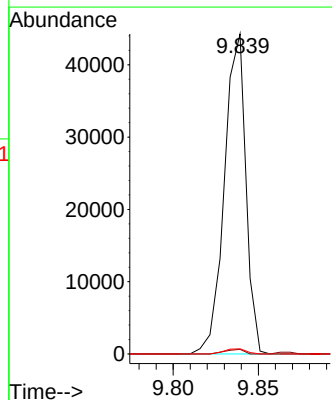
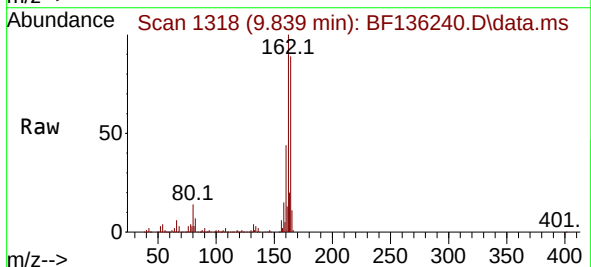
Instrument :
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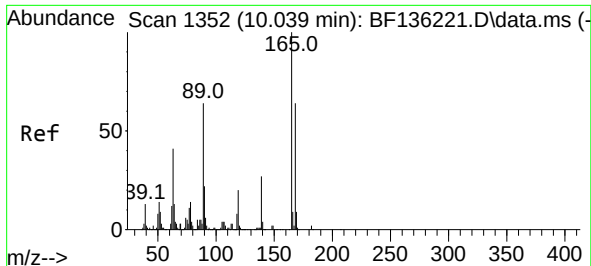
Tgt Ion:163 Resp: 68540
Ion Ratio Lower Upper
163 100
194 0.0 2.5 3.7#
164 449.5 7.0 10.6#



#51
2,6-Dinitrotoluene
Concen: 7.808 ng
RT: 9.839 min Scan# 1318
Delta R.T. 0.206 min
Lab File: BF136240.D
Acq: 28 Nov 2023 10:19

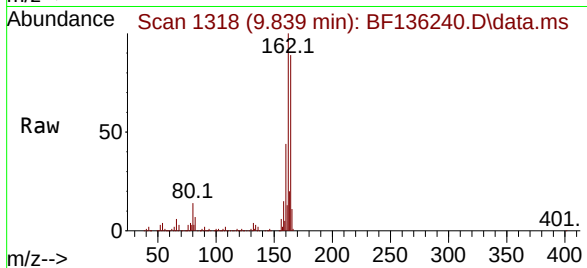
Tgt Ion:165 Resp: 38821
Ion Ratio Lower Upper
165 100
63 1.4 46.2 69.2#
89 1.6 44.9 67.3#



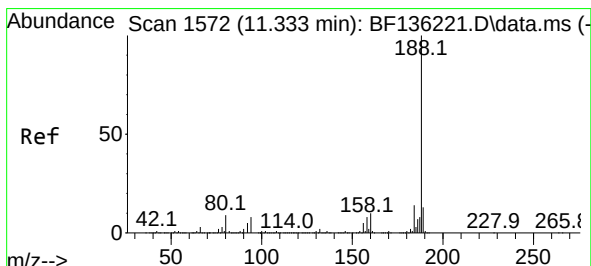
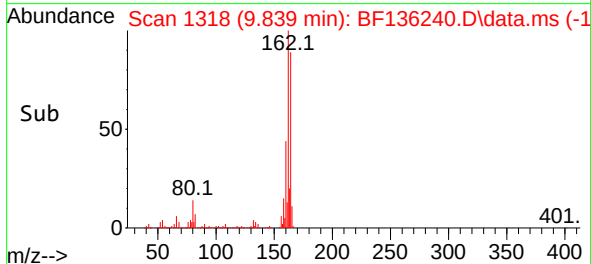
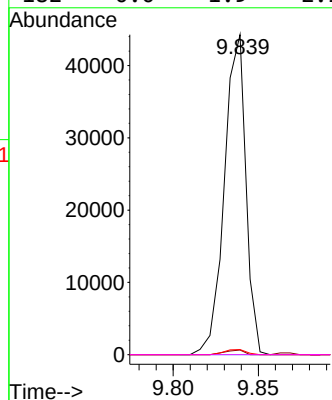


#57
2,4-Dinitrotoluene
Concen: 5.845 ng
RT: 9.839 min Scan# 11
Delta R.T. -0.200 min
Lab File: BF136240.D
Acq: 28 Nov 2023 10:19

Instrument :
BNA_F
ClientSampleId :
PB157023BL

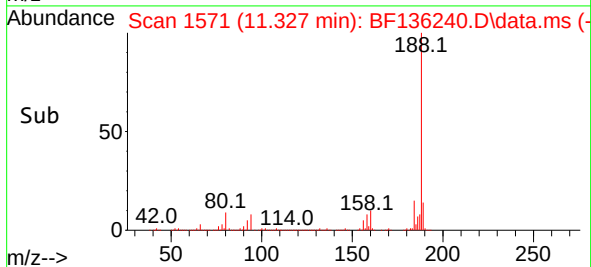
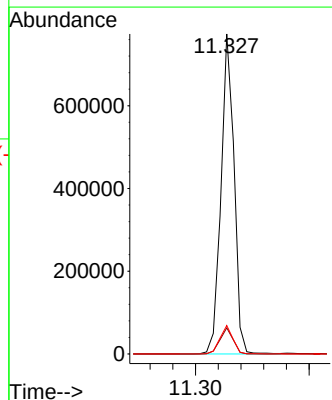
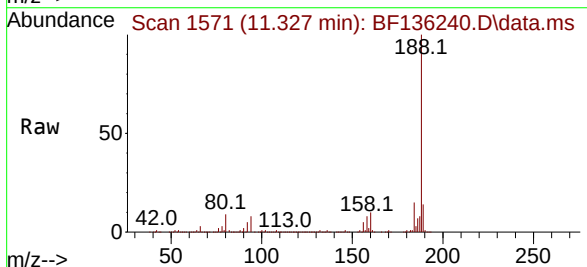


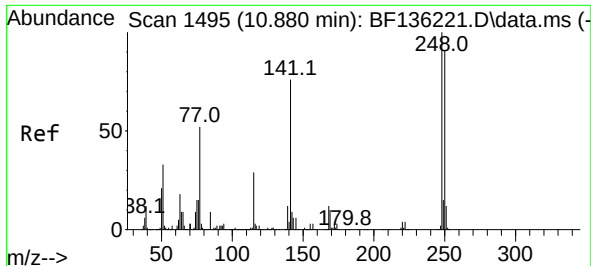
Tgt Ion:165 Resp: 38821
Ion Ratio Lower Upper
165 100
63 1.4 33.0 49.4#
89 1.6 51.5 77.3#
182 0.0 1.9 2.9#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.327 min Scan# 1571
Delta R.T. -0.006 min
Lab File: BF136240.D
Acq: 28 Nov 2023 10:19

Tgt Ion:188 Resp: 619412
Ion Ratio Lower Upper
188 100
94 8.1 6.7 10.1
80 8.9 7.2 10.8

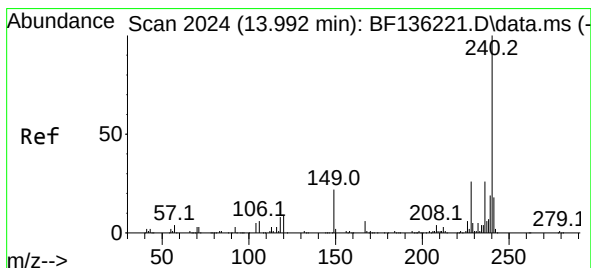
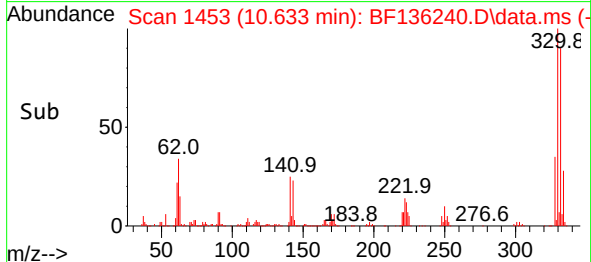
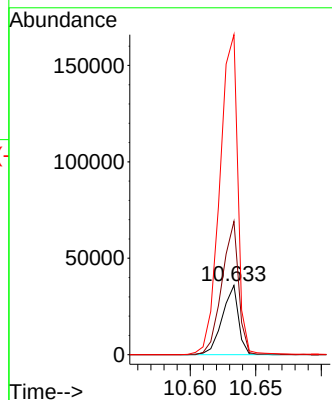
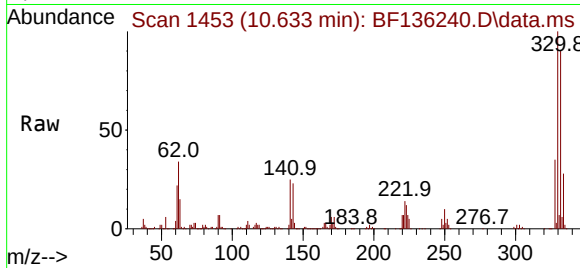




#67
4-Bromophenyl-phenylether
Concen: 4.281 ng
RT: 10.633 min Scan# 1495
Delta R.T. -0.247 min
Lab File: BF136240.D
Acq: 28 Nov 2023 10:19

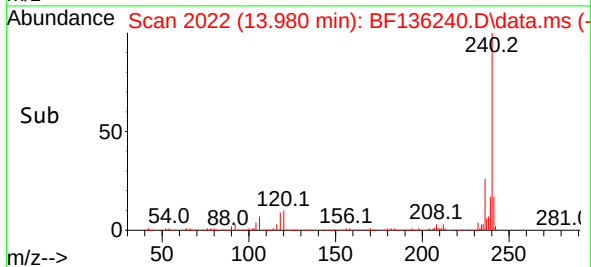
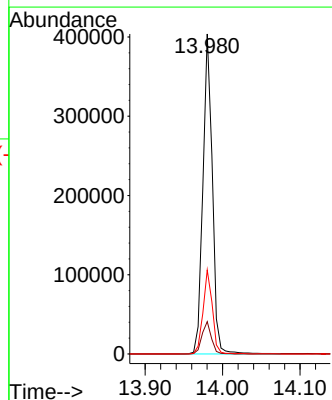
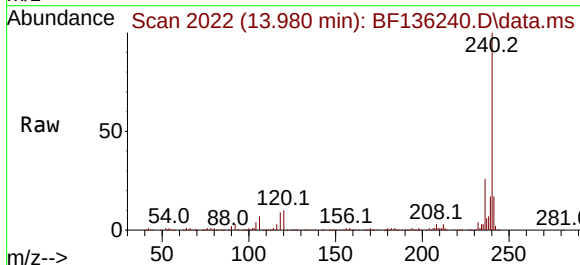
Instrument :
BNA_F
ClientSampleId :
PB157023BL

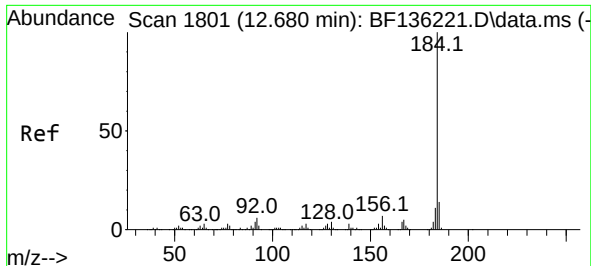
Tgt Ion:248 Resp: 30938
Ion Ratio Lower Upper
248 100
250 192.6 72.5 108.7#
141 462.3 60.8 91.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.980 min Scan# 2022
Delta R.T. -0.012 min
Lab File: BF136240.D
Acq: 28 Nov 2023 10:19

Tgt Ion:240 Resp: 341789
Ion Ratio Lower Upper
240 100
120 10.1 7.4 11.2
236 26.3 21.1 31.7

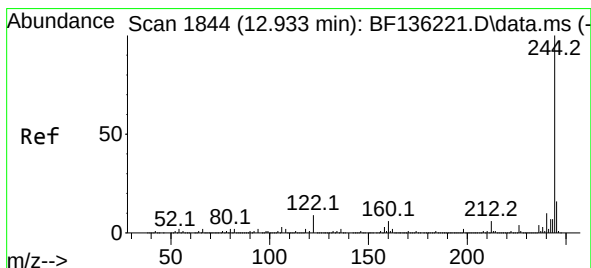
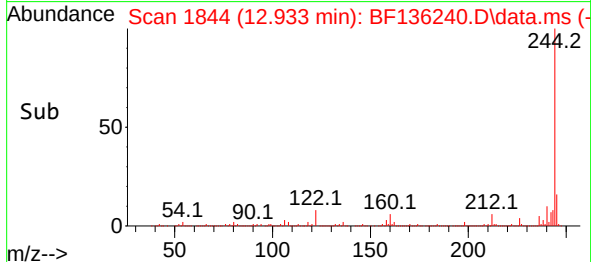
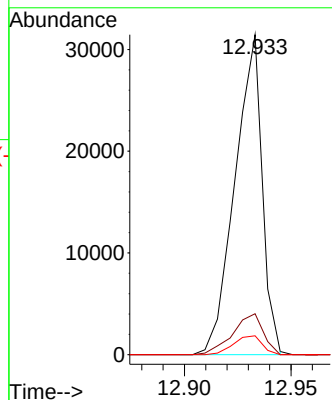
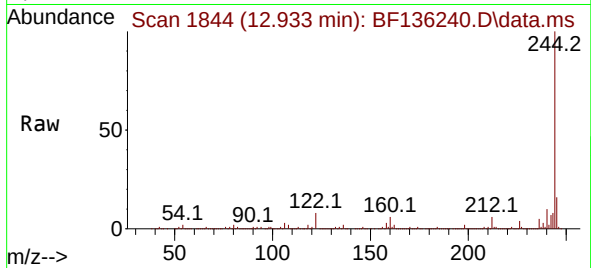




#77
Benzidine
Concen: 4.970 ng
RT: 12.933 min Scan# 1844
Delta R.T. 0.253 min
Lab File: BF136240.D
Acq: 28 Nov 2023 10:19

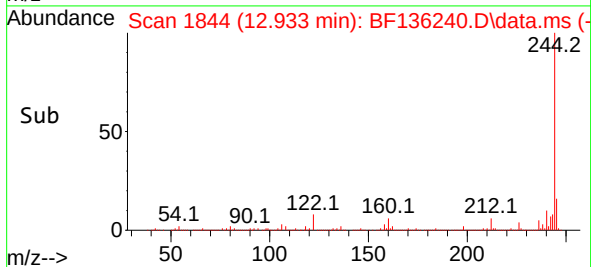
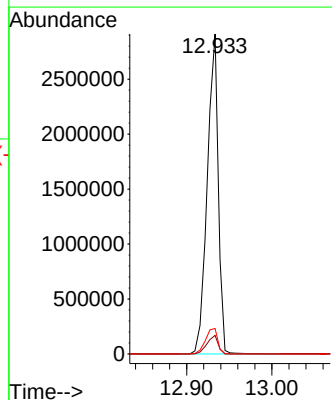
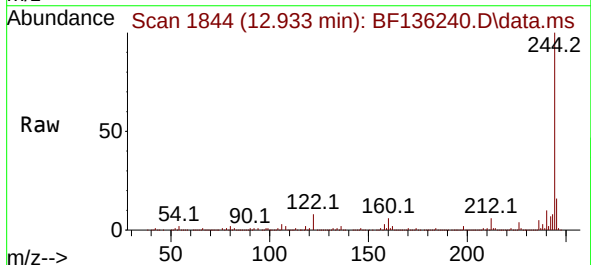
Instrument :
BNA_F
ClientSampleId :
PB157023BL

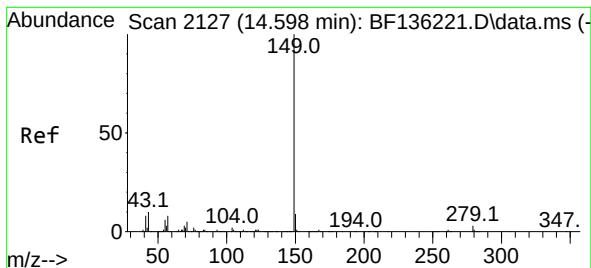
Tgt Ion:184 Resp: 27921
Ion Ratio Lower Upper
184 100
185 12.8 11.0 16.6
183 5.9 9.0 13.4#



#79
Terphenyl-d14
Concen: 88.139 ng
RT: 12.933 min Scan# 1844
Delta R.T. 0.000 min
Lab File: BF136240.D
Acq: 28 Nov 2023 10:19

Tgt Ion:244 Resp: 2611644
Ion Ratio Lower Upper
244 100
212 5.8 4.6 7.0
122 8.0 7.3 10.9





#85

Di-n-octyl phthalate

Concen: 5.190 ng

RT: 14.592 min Scan# 2127

Delta R.T. -0.006 min

Lab File: BF136240.D

Acq: 28 Nov 2023 10:19

Instrument :

BNA_F

ClientSampleId :

PB157023BL

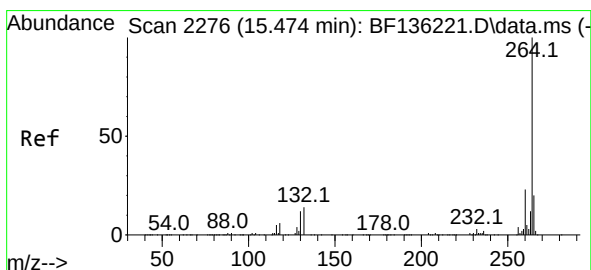
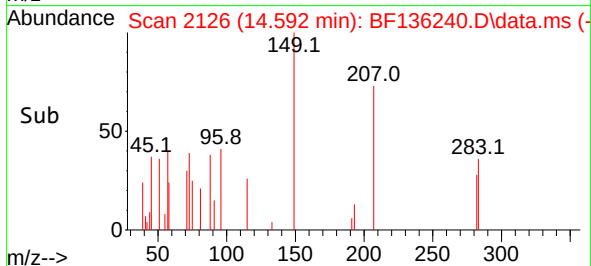
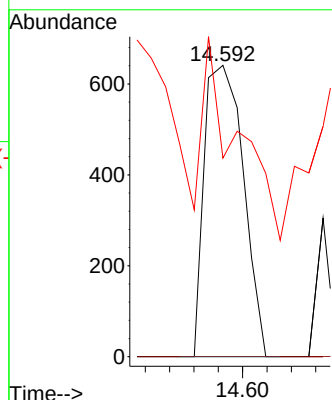
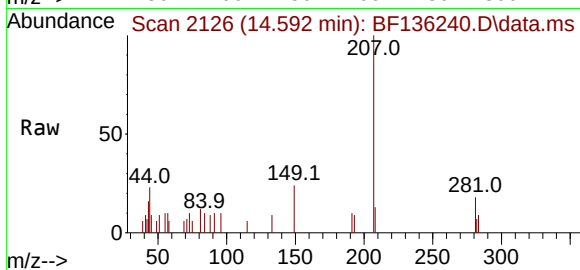
Tgt Ion:149 Resp: 713

Ion Ratio Lower Upper

149 100

167 0.0 1.0 1.6#

43 61.0 7.2 10.8#



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.462 min Scan# 2274

Delta R.T. -0.012 min

Lab File: BF136240.D

Acq: 28 Nov 2023 10:19

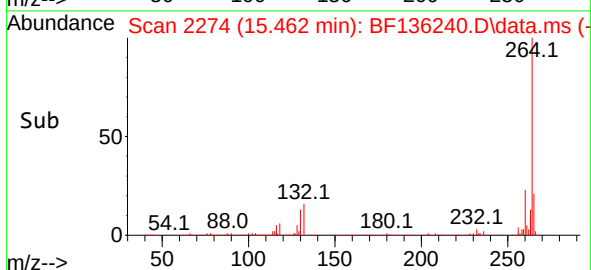
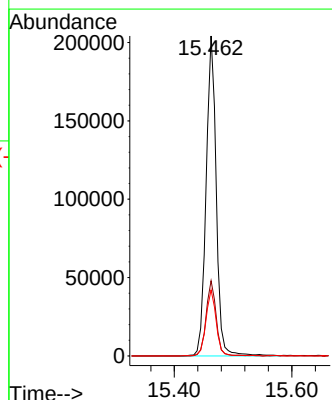
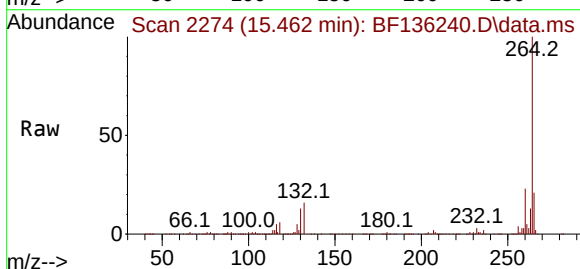
Tgt Ion:264 Resp: 245611

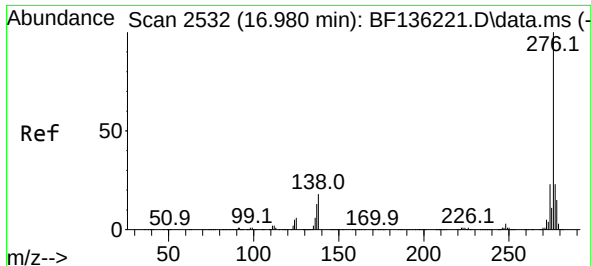
Ion Ratio Lower Upper

264 100

260 23.5 18.6 27.8

265 20.6 15.7 23.5

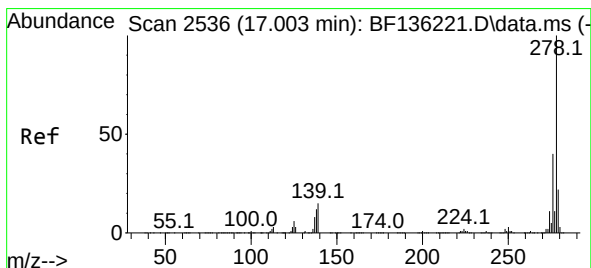
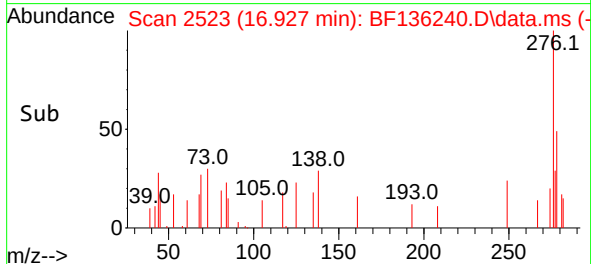
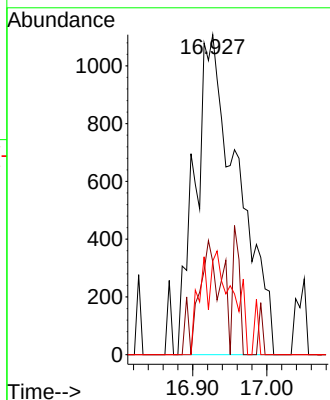
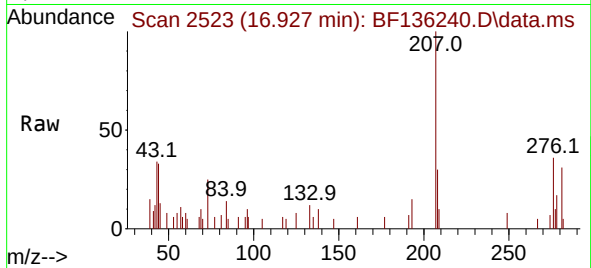




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 2.907 ng
 RT: 16.927 min Scan# 21
 Delta R.T. -0.053 min
 Lab File: BF136240.D
 Acq: 28 Nov 2023 10:19

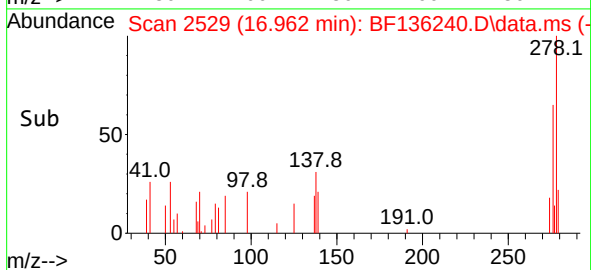
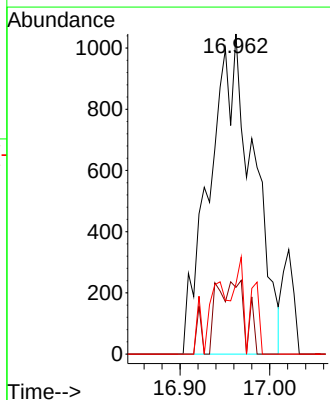
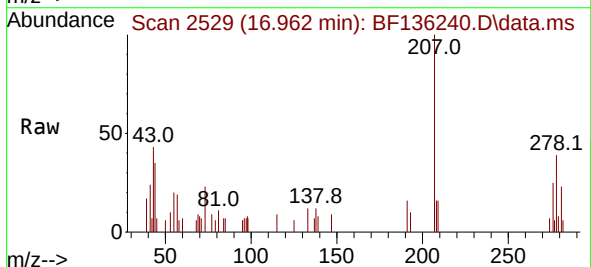
Instrument :
 BNA_F
 ClientSampleId :
 PB157023BL

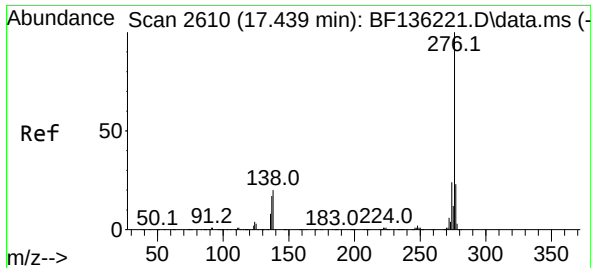
Tgt Ion:276 Resp: 4432
 Ion Ratio Lower Upper
 276 100
 138 16.3 17.7 26.5#
 277 16.0 19.6 29.4#



#91
 Dibenzo(a,h)anthracene
 Concen: 2.942 ng
 RT: 16.962 min Scan# 2529
 Delta R.T. -0.041 min
 Lab File: BF136240.D
 Acq: 28 Nov 2023 10:19

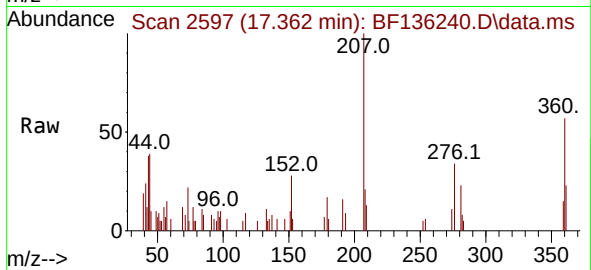
Tgt Ion:278 Resp: 3571
 Ion Ratio Lower Upper
 278 100
 139 20.8 11.7 17.5#
 279 22.0 17.8 26.8





#92
 Benzo(g,h,i)perylene
 Concen: 2.103 ng
 RT: 17.362 min Scan# 21
 Delta R.T. -0.077 min
 Lab File: BF136240.D
 Acq: 28 Nov 2023 10:19

Instrument :
 BNA_F
 ClientSampleId :
 PB157023BL



Tgt Ion: 276 Resp: 3121
 Ion Ratio Lower Upper
 276 100
 277 0.0 18.6 27.8#
 138 0.0 15.8 23.8#

