

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120123\
 Data File : BF136342.D
 Acq On : 01 Dec 2023 17:31
 Operator : CG\JU
 Sample : 05348-01
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BPOW5-3-20231108

Quant Time: Dec 02 00:33:17 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)

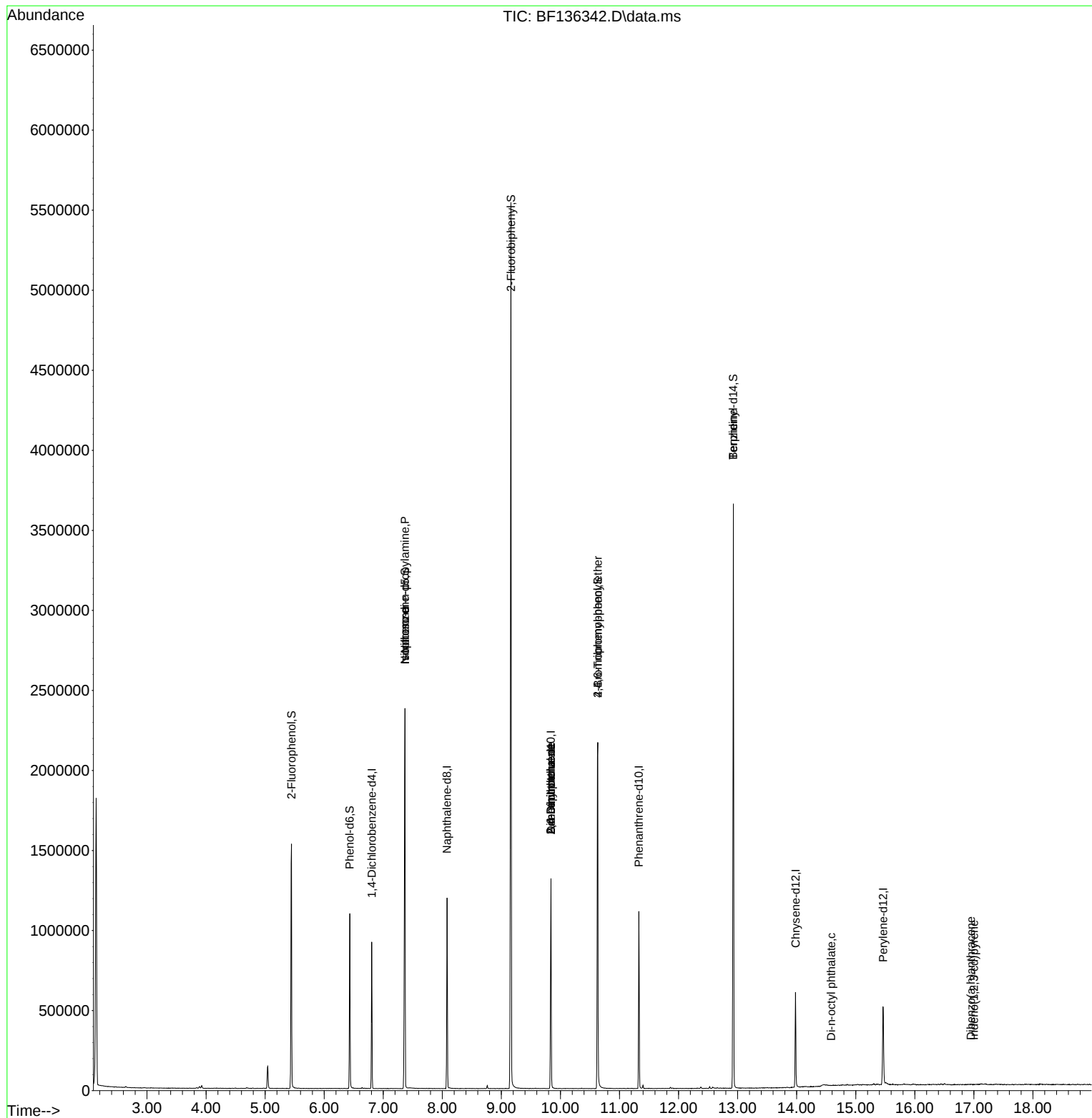
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.804	152	121195	20.000	ng	0.00
21) Naphthalene-d8	8.081	136	505986	20.000	ng	0.00
39) Acenaphthene-d10	9.839	164	247701	20.000	ng	0.00
64) Phenanthrene-d10	11.327	188	376146	20.000	ng	0.00
76) Chrysene-d12	13.980	240	195451	20.000	ng	-0.01
86) Perylene-d12	15.462	264	236761	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.445	112	425255	48.838	ng	0.00
7) Phenol-d6	6.434	99	322638	29.634	ng	-0.01
23) Nitrobenzene-d5	7.369	82	817075	85.332	ng	0.00
42) 2,4,6-Tribromophenol	10.633	330	306609	101.246	ng	0.00
45) 2-Fluorobiphenyl	9.163	172	1702160	87.774	ng	0.00
79) Terphenyl-d14	12.927	244	1228198	72.484	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.369	70	106908	16.418	ng	# 75
25) Isophorone	7.369	82	816071	47.266	ng	# 68
50) Dimethylphthalate	9.839	163	50640	2.705	ng	# 1
51) 2,6-Dinitrotoluene	9.839	165	30210	7.899	ng	# 25
57) 2,4-Dinitrotoluene	9.839	165	30210	5.913	ng	# 28
67) 4-Bromophenyl-phenylether	10.633	248	17671	4.027	ng	# 1
77) Benzidine	12.927	184	13851	4.311	ng	# 92
85) Di-n-octyl phthalate	14.586	149	235	5.179	ng	# 1
87) Indeno(1,2,3-cd)pyrene	17.004	276	78	2.683	ng	# 52
91) Dibenzo(a,h)anthracene	16.951	278	1444	2.809	ng	# 51

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

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QLast Update : Tue Nov 28 03:04:20 2023
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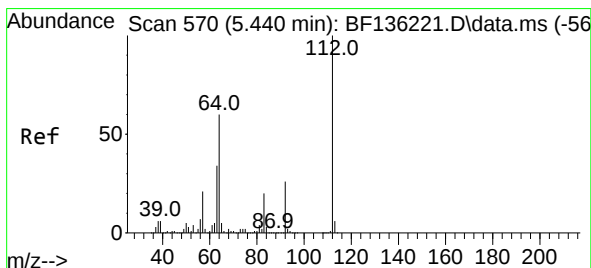
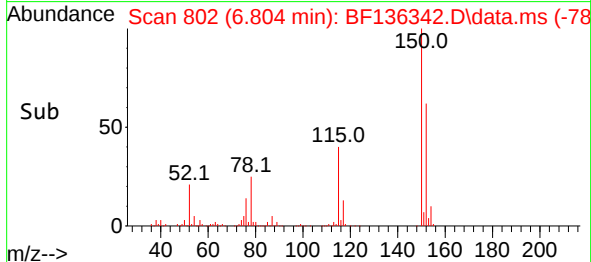
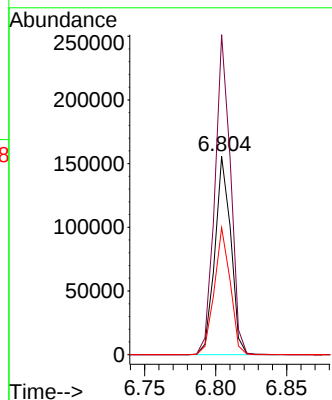
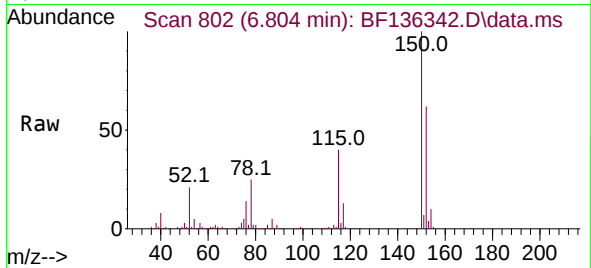




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.804 min Scan# 803
Delta R.T. -0.006 min
Lab File: BF136342.D
Acq: 01 Dec 2023 17:31

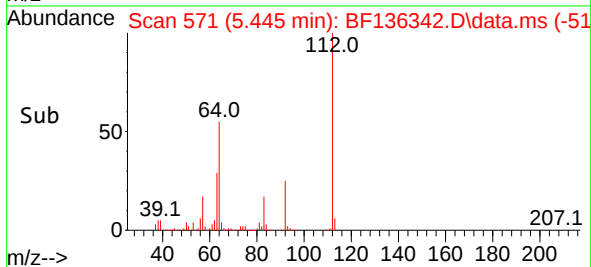
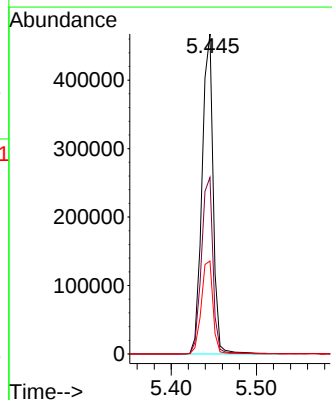
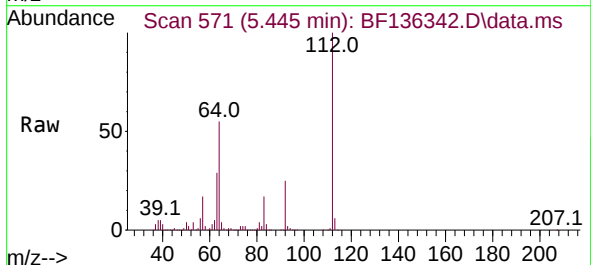
Instrument :
BNA_F
ClientSampleId :
BPOW5-3-20231108

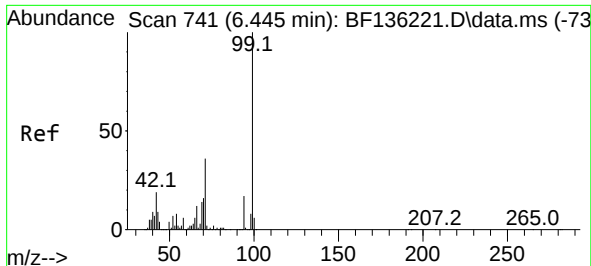
Tgt Ion:152 Resp: 121195
Ion Ratio Lower Upper
152 100
150 161.4 137.8 206.8
115 64.1 52.7 79.1



#5
2-Fluorophenol
Concen: 48.838 ng
RT: 5.445 min Scan# 571
Delta R.T. 0.006 min
Lab File: BF136342.D
Acq: 01 Dec 2023 17:31

Tgt Ion:112 Resp: 425255
Ion Ratio Lower Upper
112 100
64 55.2 48.2 72.4
63 29.0 27.0 40.6

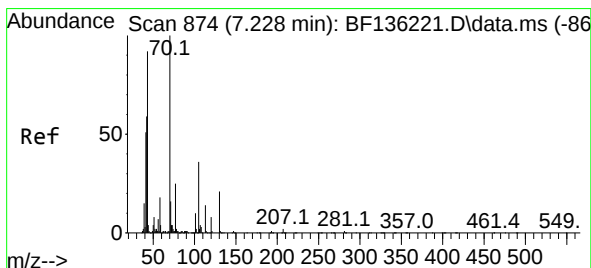
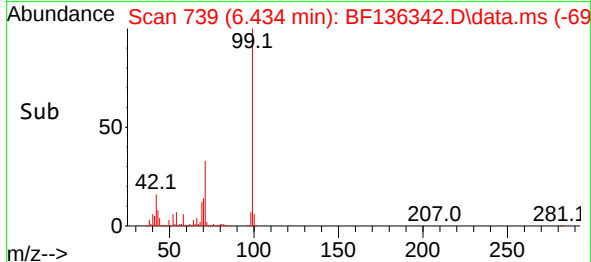
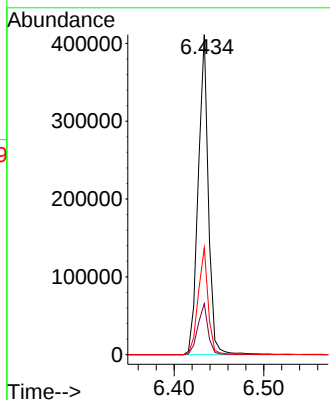
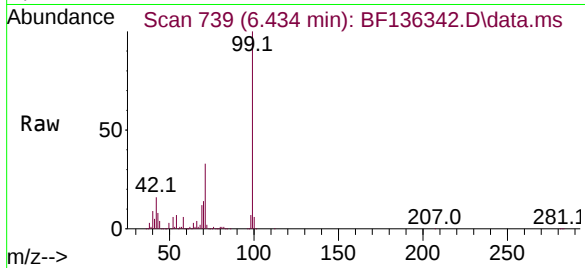




#7
Phenol-d6
Concen: 29.634 ng
RT: 6.434 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF136342.D
Acq: 01 Dec 2023 17:31

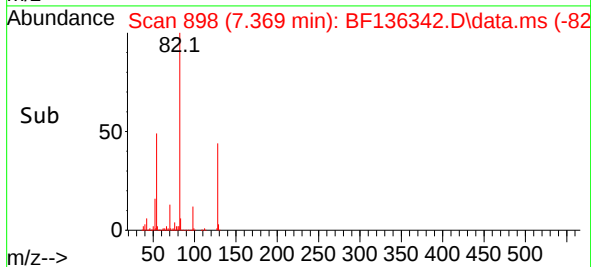
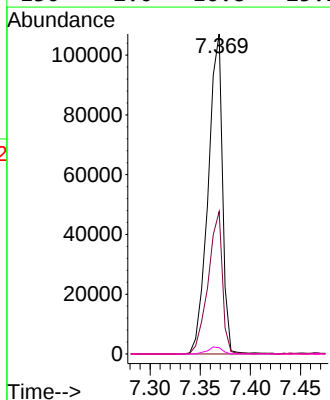
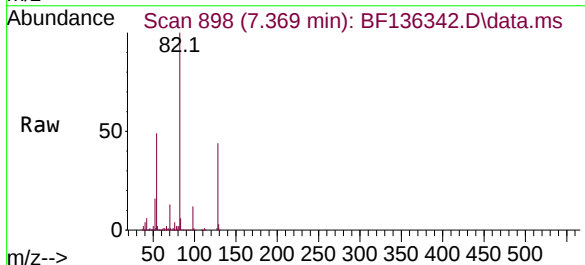
Instrument :
BNA_F
ClientSampleId :
BPOW5-3-20231108

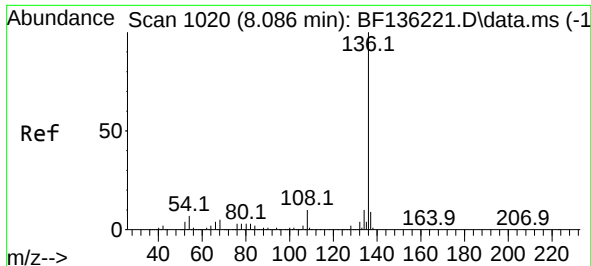
Tgt Ion: 99 Resp: 322638
Ion Ratio Lower Upper
99 100
42 16.0 15.0 22.6
71 33.4 28.9 43.3



#19
n-Nitroso-di-n-propylamine
Concen: 16.418 ng
RT: 7.369 min Scan# 898
Delta R.T. 0.141 min
Lab File: BF136342.D
Acq: 01 Dec 2023 17:31

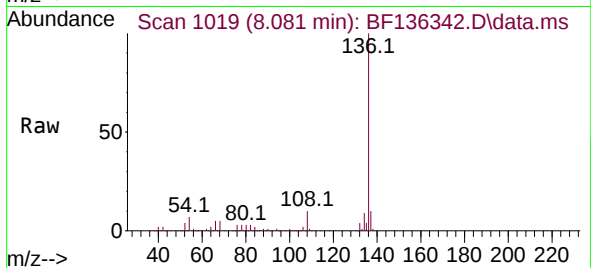
Tgt Ion: 70 Resp: 106908
Ion Ratio Lower Upper
70 100
42 44.5 47.0 70.4#
101 0.0 7.8 11.8#
130 2.0 16.8 25.2#



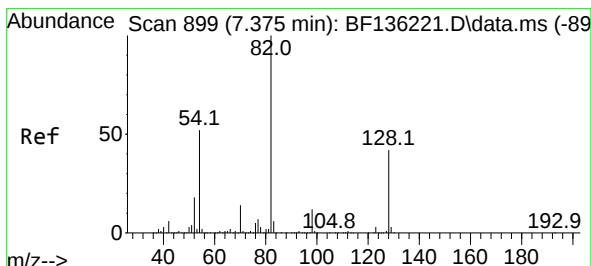
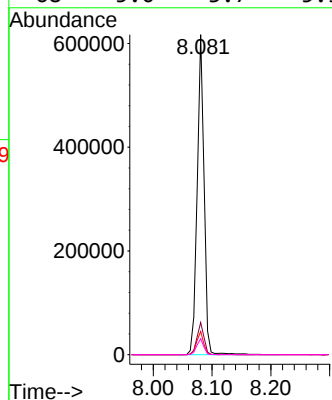
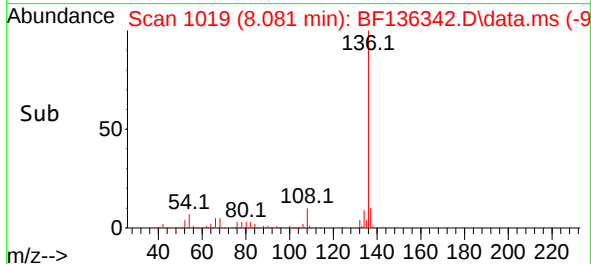


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.081 min Scan# 1019
Delta R.T. -0.006 min
Lab File: BF136342.D
Acq: 01 Dec 2023 17:31

Instrument :
BNA_F
ClientSampleId :
BPOW5-3-20231108

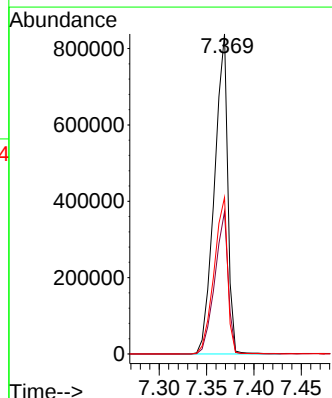
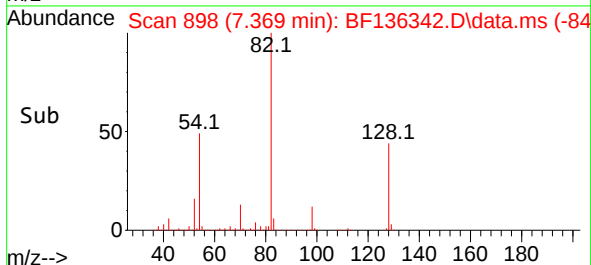
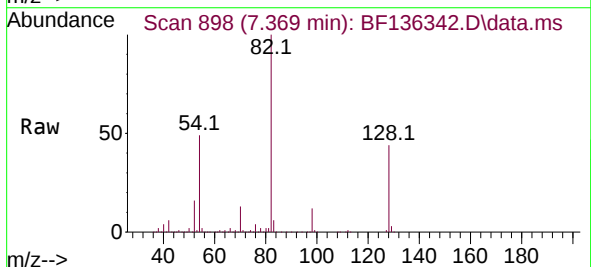


Tgt	Ion:136	Resp:	505986
Ion	Ratio	Lower	Upper
136	100		
137	10.0	7.4	11.2
54	7.2	5.5	8.3
68	5.0	3.7	5.5



#23
Nitrobenzene-d5
Concen: 85.332 ng
RT: 7.369 min Scan# 898
Delta R.T. -0.006 min
Lab File: BF136342.D
Acq: 01 Dec 2023 17:31

Tgt Ion: 82	Resp: 817075
Ion Ratio	Lower Upper
82 100	
128 44.5	33.4 50.2
54 48.9	41.7 62.5

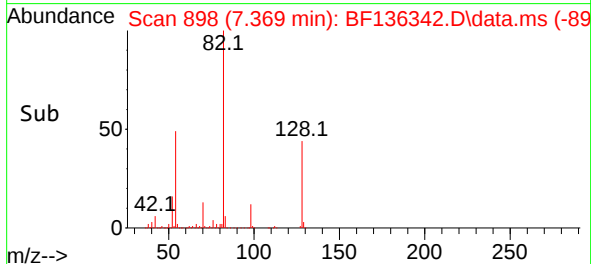
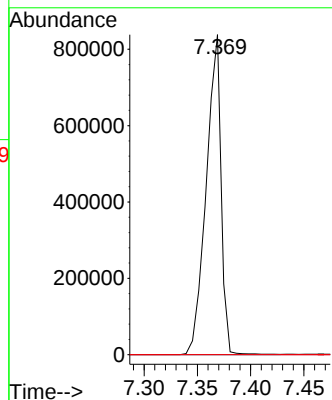
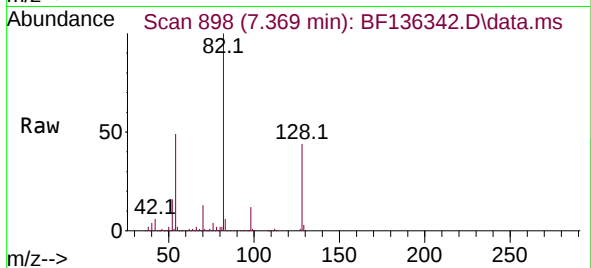




#25
Isophorone
Concen: 47.266 ng
RT: 7.369 min Scan# 89
Delta R.T. -0.259 min
Lab File: BF136342.D
Acq: 01 Dec 2023 17:31

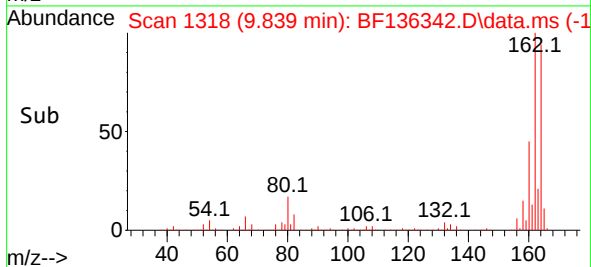
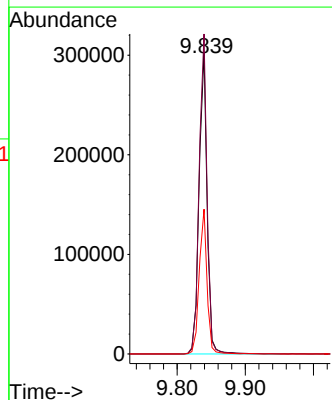
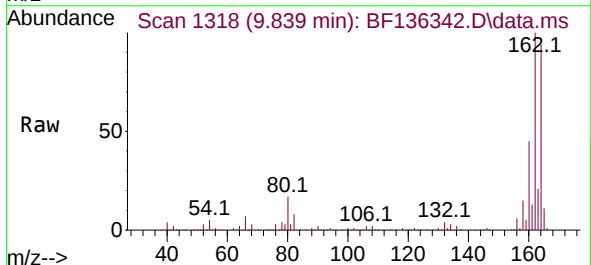
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ClientSampleId :
BPOW5-3-20231108

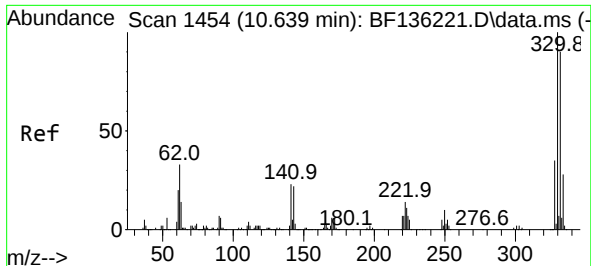
Tgt Ion: 82 Resp: 816071
Ion Ratio Lower Upper
82 100
95 0.0 5.5 8.3#
138 0.0 12.8 19.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.839 min Scan# 1318
Delta R.T. -0.006 min
Lab File: BF136342.D
Acq: 01 Dec 2023 17:31

Tgt Ion:164 Resp: 247701
Ion Ratio Lower Upper
164 100
162 106.2 89.5 134.3
160 48.1 39.6 59.4





#42

2,4,6-Tribromophenol

Concen: 101.246 ng

RT: 10.633 min Scan# 1454

Delta R.T. -0.006 min

Lab File: BF136342.D

Acq: 01 Dec 2023 17:31

Instrument :

BNA_F

ClientSampleId :

BPOW5-3-20231108

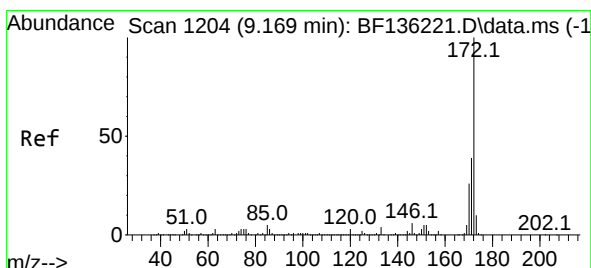
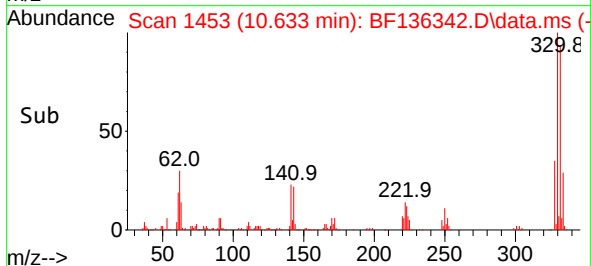
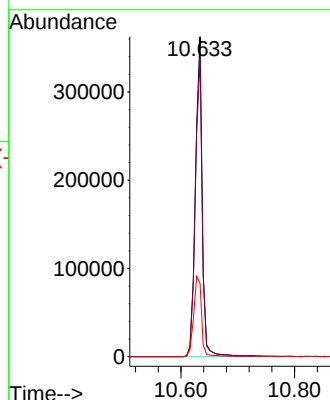
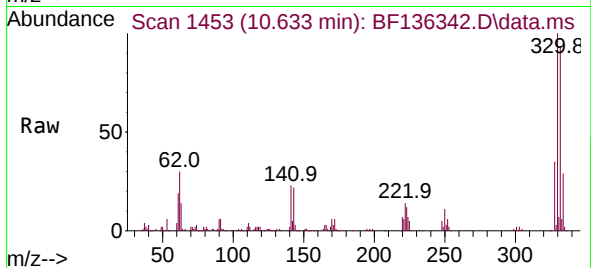
Tgt Ion:330 Resp: 306609

Ion Ratio Lower Upper

330 100

332 94.0 73.0 109.6

141 28.8 24.2 36.2



#45

2-Fluorobiphenyl

Concen: 87.774 ng

RT: 9.163 min Scan# 1203

Delta R.T. -0.006 min

Lab File: BF136342.D

Acq: 01 Dec 2023 17:31

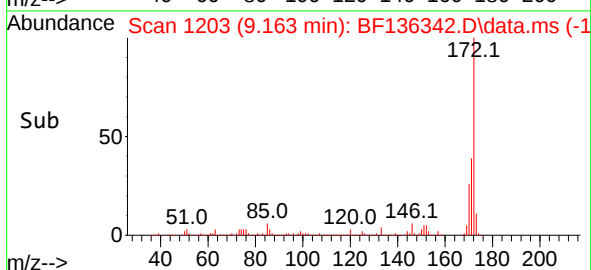
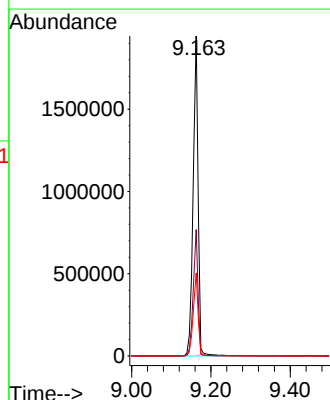
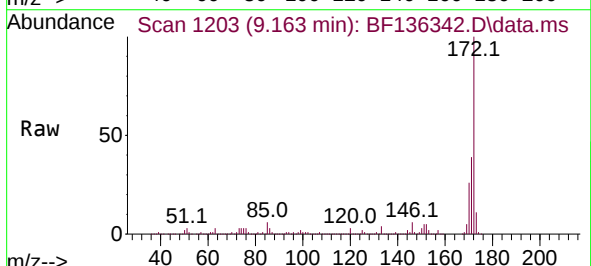
Tgt Ion:172 Resp: 1702160

Ion Ratio Lower Upper

172 100

171 39.5 31.5 47.3

170 26.0 20.8 31.2

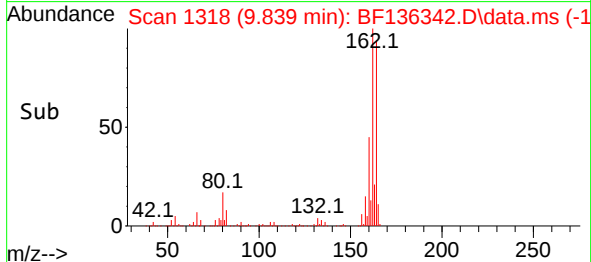
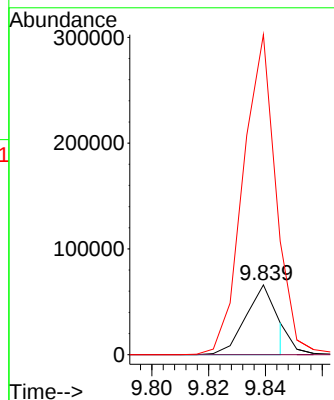
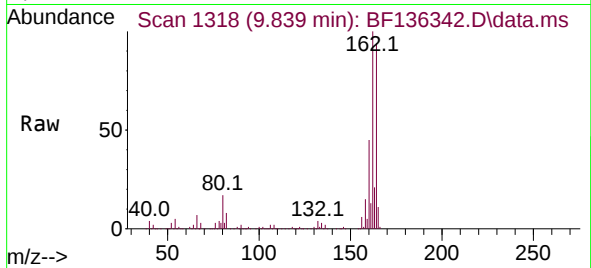




#50
Dimethylphthalate
Concen: 2.705 ng
RT: 9.839 min Scan# 1318
Delta R.T. 0.265 min
Lab File: BF136342.D
Acq: 01 Dec 2023 17:31

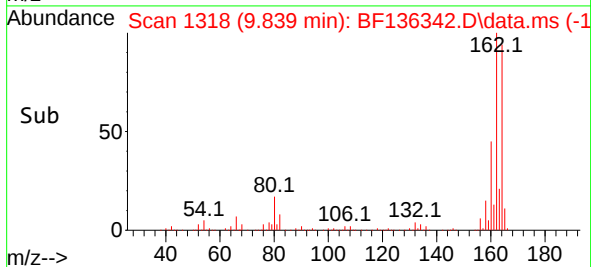
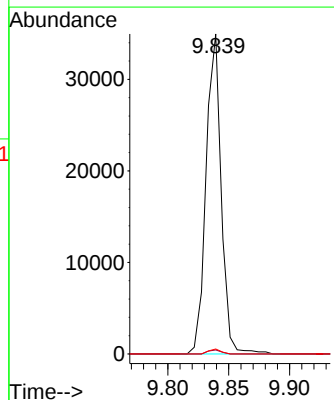
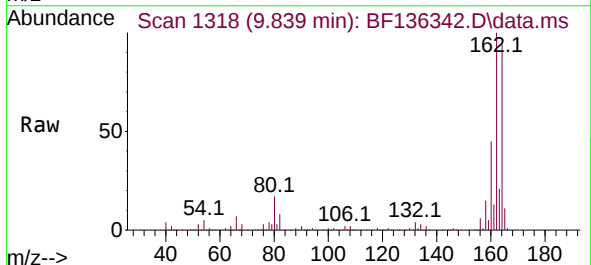
Instrument :
BNA_F
ClientSampleId :
BPOW5-3-20231108

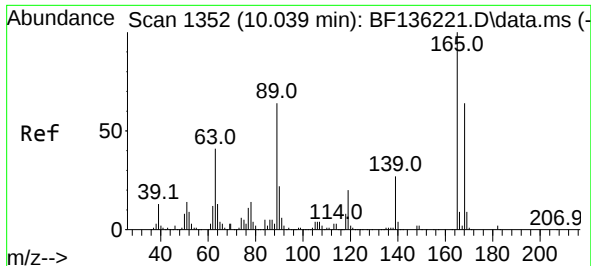
Tgt Ion:163 Resp: 50640
Ion Ratio Lower Upper
163 100
194 0.0 2.5 3.7#
164 458.2 7.0 10.6#



#51
2,6-Dinitrotoluene
Concen: 7.899 ng
RT: 9.839 min Scan# 1318
Delta R.T. 0.206 min
Lab File: BF136342.D
Acq: 01 Dec 2023 17:31

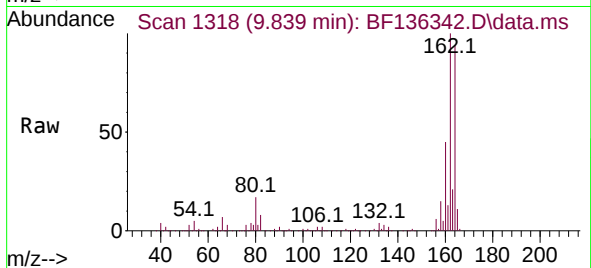
Tgt Ion:165 Resp: 30210
Ion Ratio Lower Upper
165 100
63 1.2 46.2 69.2#
89 1.5 44.9 67.3#



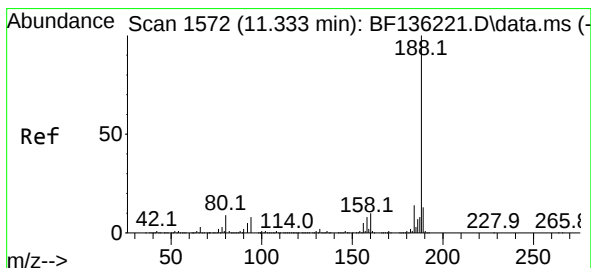
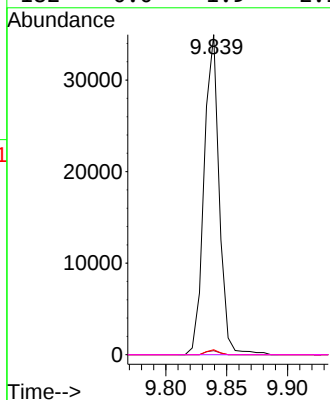
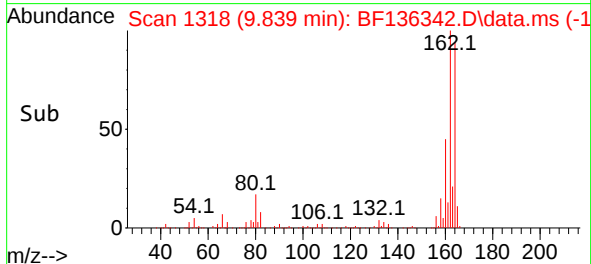


#57
2,4-Dinitrotoluene
Concen: 5.913 ng
RT: 9.839 min Scan# 11
Delta R.T. -0.200 min
Lab File: BF136342.D
Acq: 01 Dec 2023 17:31

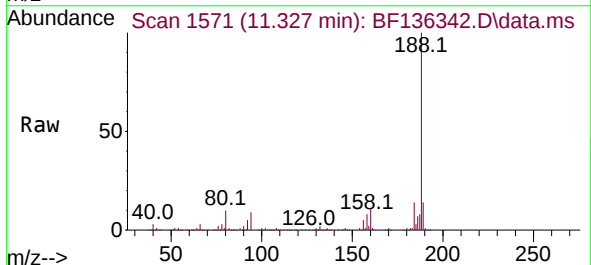
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BNA_F
ClientSampleId :
BPOW5-3-20231108



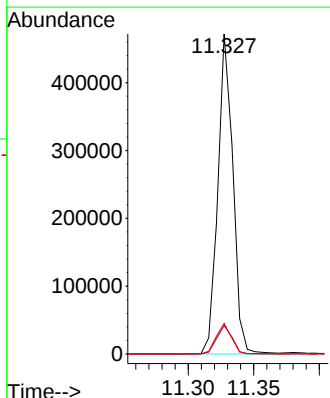
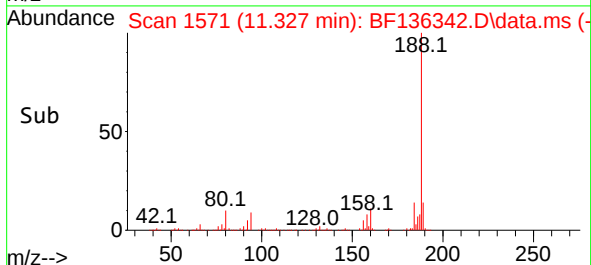
Tgt Ion:165 Resp: 30210
Ion Ratio Lower Upper
165 100
63 1.2 33.0 49.4#
89 1.5 51.5 77.3#
182 0.0 1.9 2.9#

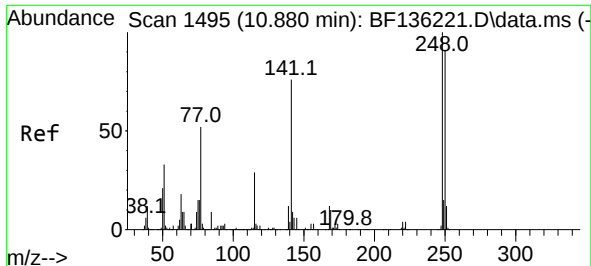


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.327 min Scan# 1571
Delta R.T. -0.006 min
Lab File: BF136342.D
Acq: 01 Dec 2023 17:31



Tgt Ion:188 Resp: 376146
Ion Ratio Lower Upper
188 100
94 8.9 6.7 10.1
80 9.6 7.2 10.8

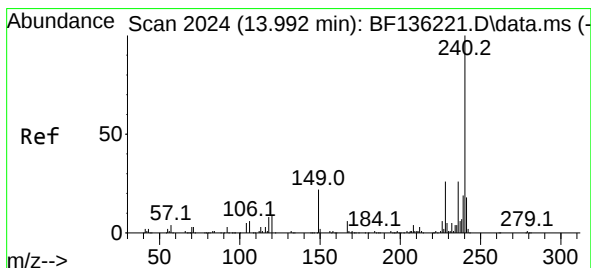
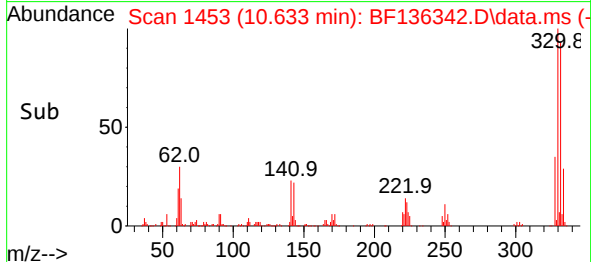
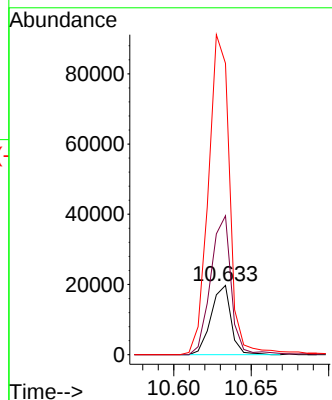
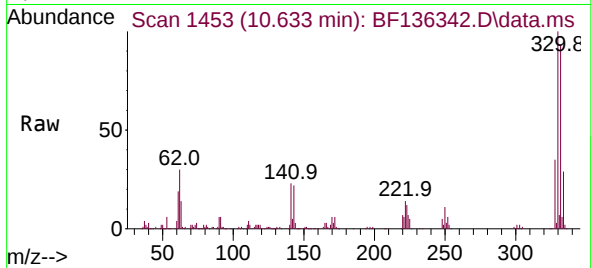




#67
4-Bromophenyl-phenylether
Concen: 4.027 ng
RT: 10.633 min Scan# 1495
Delta R.T. -0.247 min
Lab File: BF136342.D
Acq: 01 Dec 2023 17:31

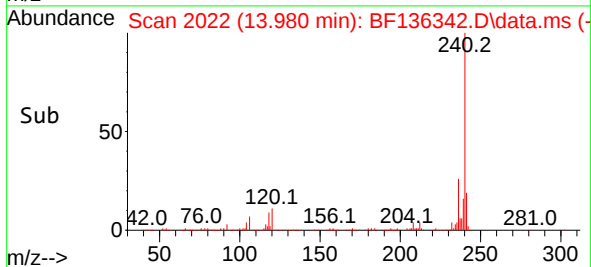
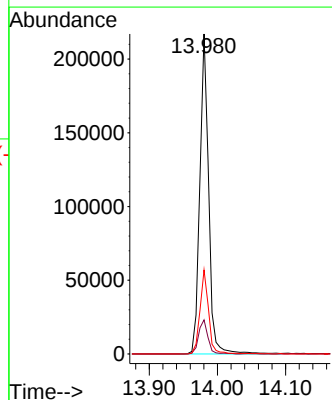
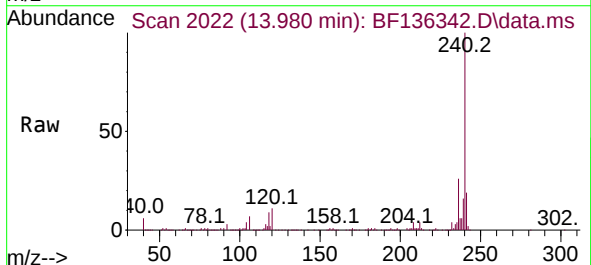
Instrument :
BNA_F
ClientSampleId :
BPOW5-3-20231108

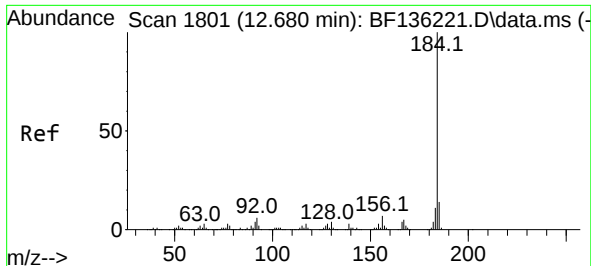
Tgt Ion:248 Resp: 17671
Ion Ratio Lower Upper
248 100
250 200.6 72.5 108.7#
141 420.9 60.8 91.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.980 min Scan# 2022
Delta R.T. -0.012 min
Lab File: BF136342.D
Acq: 01 Dec 2023 17:31

Tgt Ion:240 Resp: 195451
Ion Ratio Lower Upper
240 100
120 10.6 7.4 11.2
236 26.2 21.1 31.7

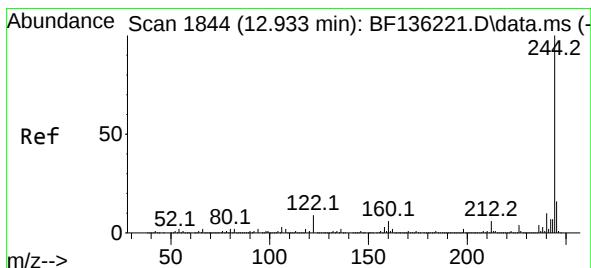
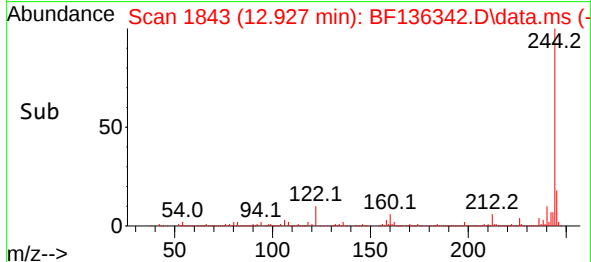
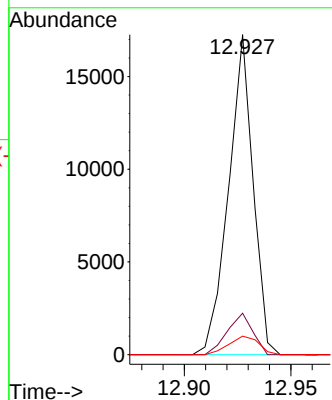
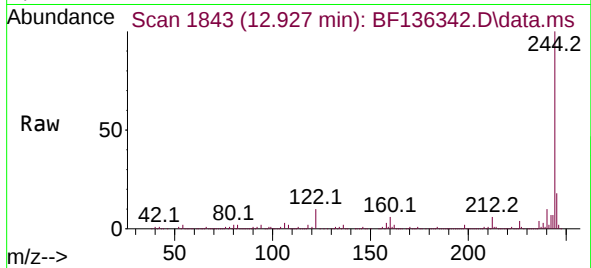




#77
Benzidine
Concen: 4.311 ng
RT: 12.927 min Scan# 1843
Delta R.T. 0.247 min
Lab File: BF136342.D
Acq: 01 Dec 2023 17:31

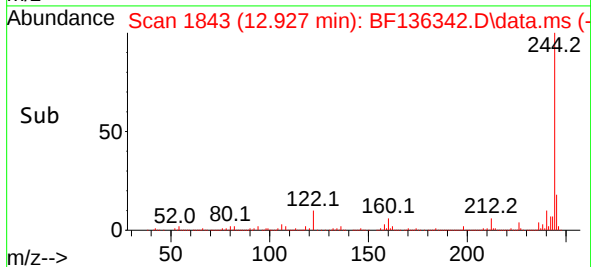
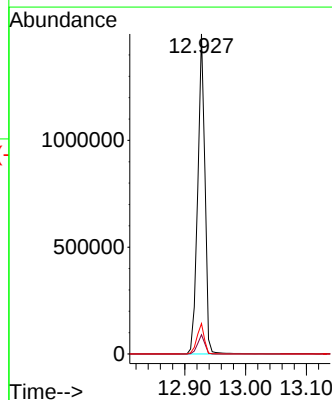
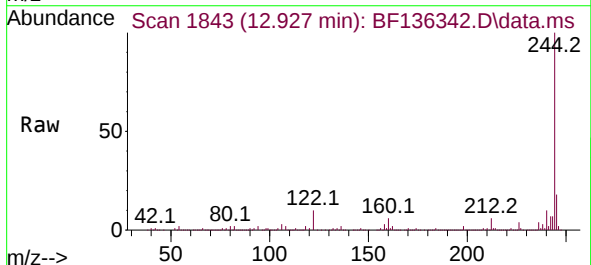
Instrument :
BNA_F
ClientSampleId :
BPOW5-3-20231108

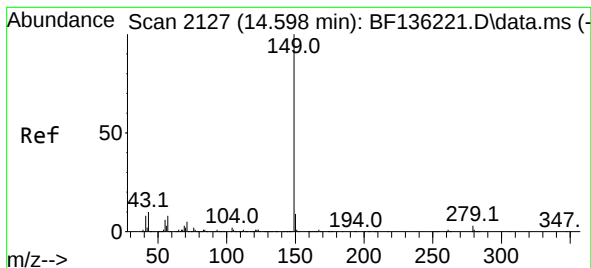
Tgt Ion:184 Resp: 13851
Ion Ratio Lower Upper
184 100
185 13.0 11.0 16.6
183 5.8 9.0 13.4#



#79
Terphenyl-d14
Concen: 72.484 ng
RT: 12.927 min Scan# 1843
Delta R.T. -0.006 min
Lab File: BF136342.D
Acq: 01 Dec 2023 17:31

Tgt Ion:244 Resp: 1228198
Ion Ratio Lower Upper
244 100
212 6.0 4.6 7.0
122 9.5 7.3 10.9





#85

Di-n-octyl phthalate

Concen: 5.179 ng

RT: 14.586 min Scan# 2125

Delta R.T. -0.012 min

Lab File: BF136342.D

Acq: 01 Dec 2023 17:31

Instrument :

BNA_F

ClientSampleId :

BPOW5-3-20231108

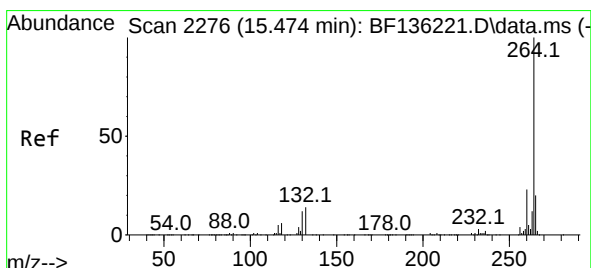
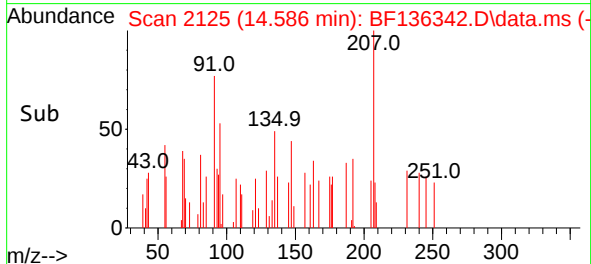
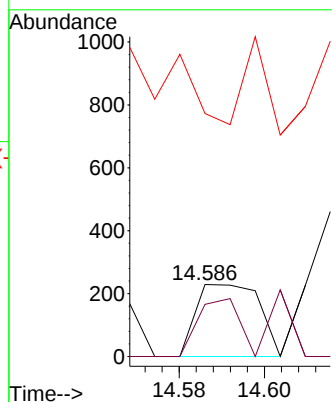
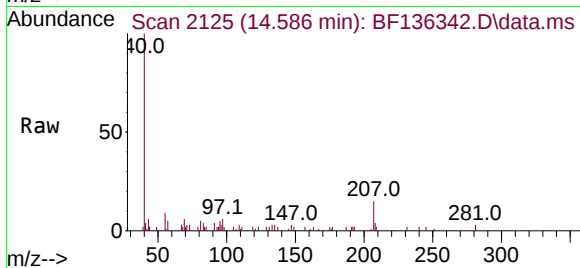
Tgt Ion:149 Resp: 235

Ion Ratio Lower Upper

149 100

167 52.8 1.0 1.6#

43 46.8 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: BF136342.D

Acq: 01 Dec 2023 17:31

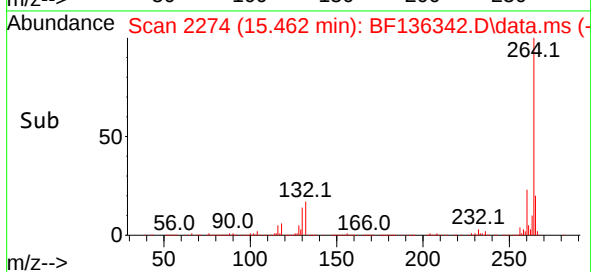
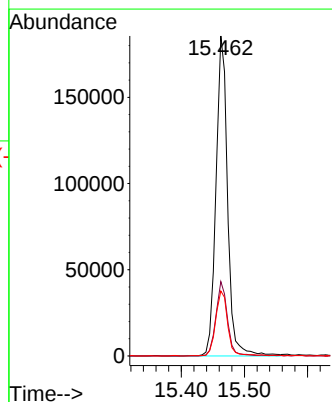
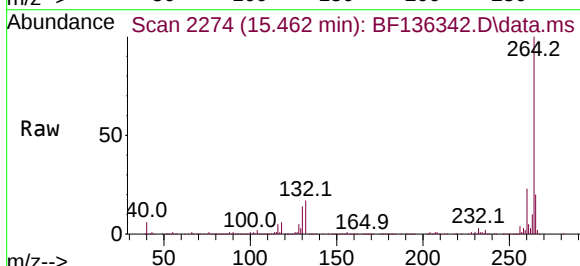
Tgt Ion:264 Resp: 236761

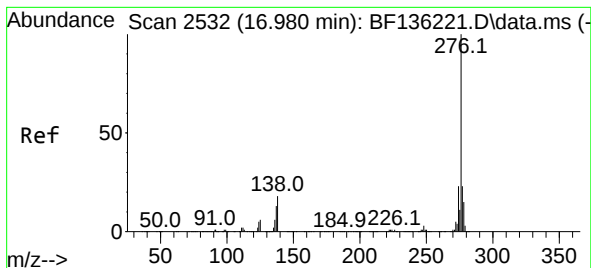
Ion Ratio Lower Upper

264 100

260 23.3 18.6 27.8

265 20.3 15.7 23.5





#87

Indeno(1,2,3-cd)pyrene

Concen: 2.683 ng

RT: 17.004 min Scan# 2536

Delta R.T. 0.024 min

Lab File: BF136342.D

Acq: 01 Dec 2023 17:31

Instrument :

BNA_F

ClientSampleId :

BPOW5-3-20231108

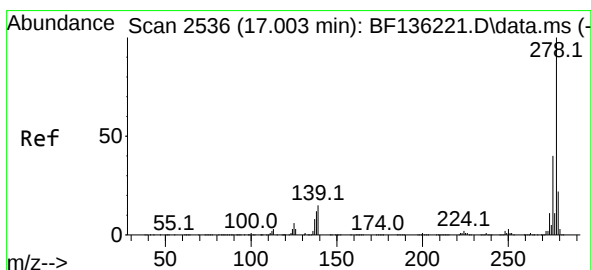
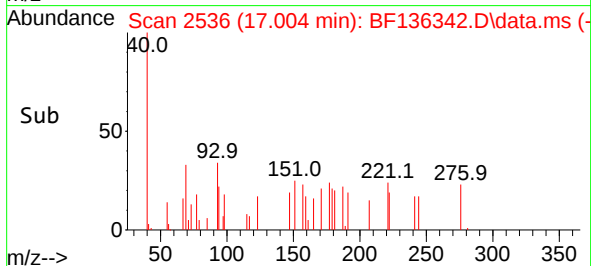
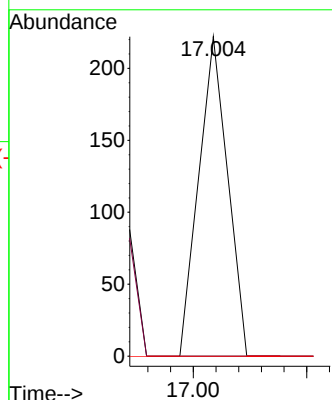
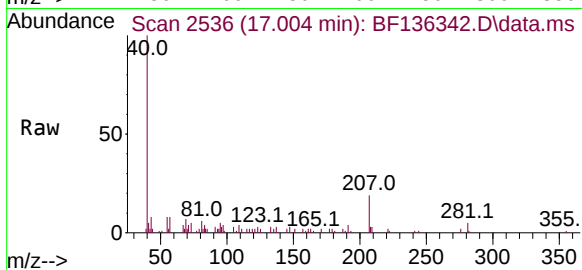
Tgt Ion:276 Resp: 78

Ion Ratio Lower Upper

276 100

138 0.0 17.7 26.5#

277 0.0 19.6 29.4#



#91

Dibenzo(a,h)anthracene

Concen: 2.809 ng

RT: 16.951 min Scan# 2527

Delta R.T. -0.052 min

Lab File: BF136342.D

Acq: 01 Dec 2023 17:31

Tgt Ion:278 Resp: 1444

Ion Ratio Lower Upper

278 100

139 36.8 11.7 17.5#

279 0.0 17.8 26.8#

