

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112823\
 Data File : BF136249.D
 Acq On : 28 Nov 2023 15:08
 Operator : CG\JU
 Sample : PB157043BL
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB157197BL

Quant Time: Nov 28 15:48:47 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)

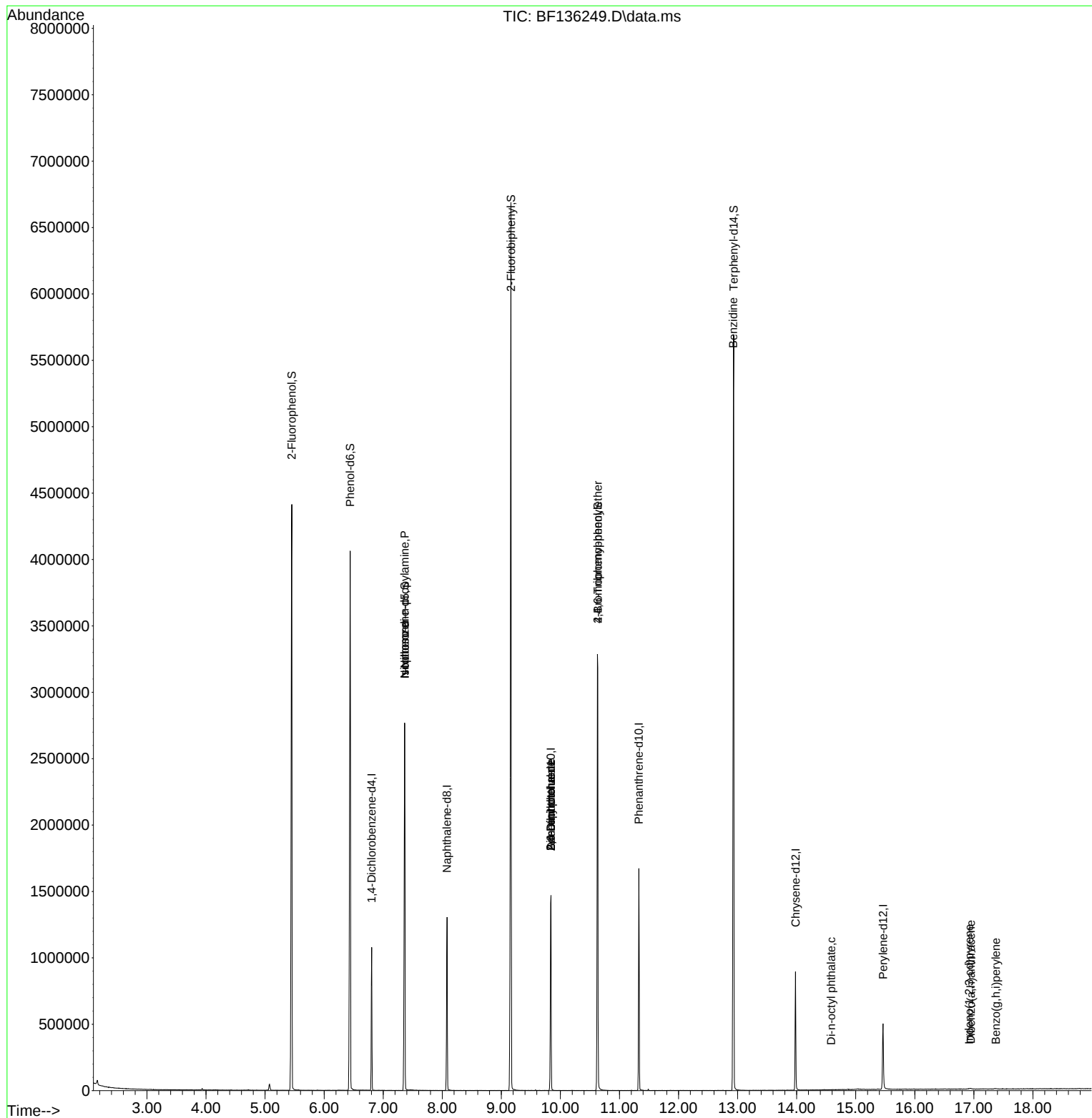
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.804	152	142172	20.000	ng	0.00
21) Naphthalene-d8	8.081	136	597804	20.000	ng	0.00
39) Acenaphthene-d10	9.839	164	307248	20.000	ng	0.00
64) Phenanthrene-d10	11.328	188	582740	20.000	ng	0.00
76) Chrysene-d12	13.980	240	283163	20.000	ng	-0.01
86) Perylene-d12	15.463	264	231351	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.451	112	1323844	129.603	ng	0.01
7) Phenol-d6	6.440	99	1627815	127.452	ng	0.00
23) Nitrobenzene-d5	7.363	82	1024899	90.597	ng	-0.01
42) 2,4,6-Tribromophenol	10.633	330	482143	128.354	ng	0.00
45) 2-Fluorobiphenyl	9.163	172	2137340	88.854	ng	0.00
79) Terphenyl-d14	12.933	244	2325737	94.741	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.363	70	136769	17.905	ng	# 76
25) Isophorone	7.363	82	1019857	49.997	ng	# 68
50) Dimethylphthalate	9.839	163	65333	2.813	ng	# 1
51) 2,6-Dinitrotoluene	9.839	165	36897	7.777	ng	# 24
57) 2,4-Dinitrotoluene	9.839	165	36897	5.822	ng	# 27
67) 4-Bromophenyl-phenylether	10.633	248	26788	3.940	ng	# 1
77) Benzidine	12.927	184	24152	5.189	ng	# 92
85) Di-n-octyl phthalate	14.586	149	167	5.170	ng	# 1
87) Indeno(1,2,3-cd)pyrene	16.921	276	2274	2.803	ng	# 54
91) Dibenzo(a,h)anthracene	16.951	278	3843	2.975	ng	# 84
92) Benzo(g,h,i)perylene	17.374	276	3487	2.141	ng	94

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

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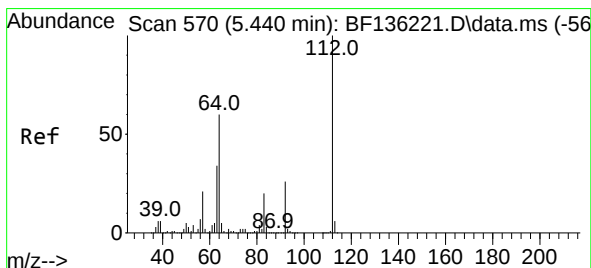
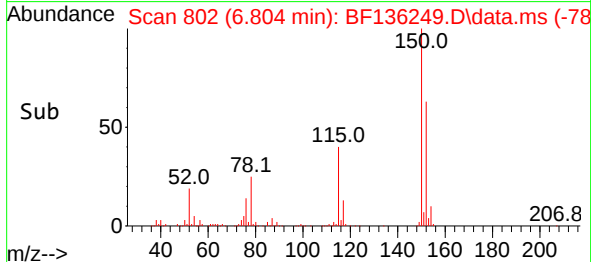
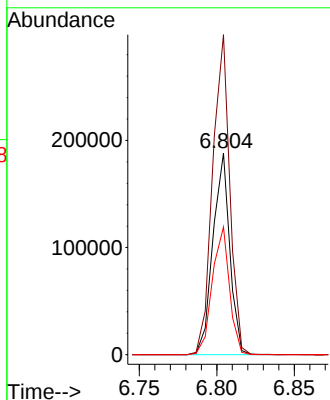
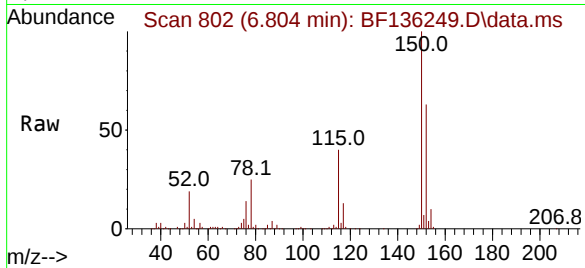




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.804 min Scan# 803
Delta R.T. -0.006 min
Lab File: BF136249.D
Acq: 28 Nov 2023 15:08

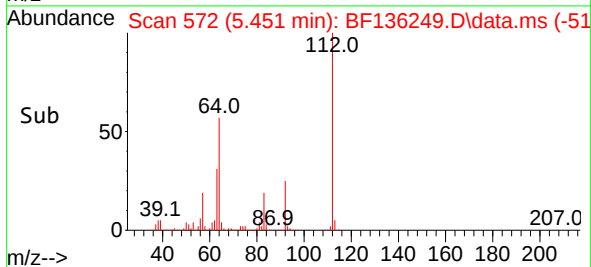
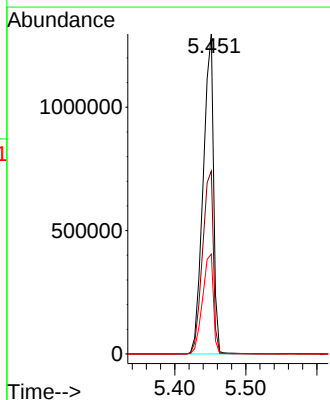
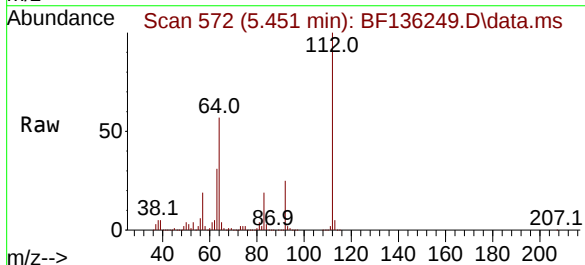
Instrument :
BNA_F
ClientSampleId :
PB157197BL

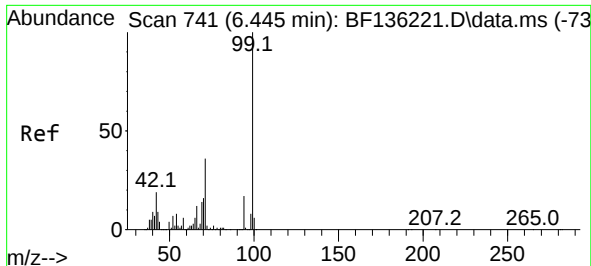
Tgt Ion:152 Resp: 142172
Ion Ratio Lower Upper
152 100
150 158.7 137.8 206.8
115 63.3 52.7 79.1



#5
2-Fluorophenol
Concen: 129.603 ng
RT: 5.451 min Scan# 572
Delta R.T. 0.012 min
Lab File: BF136249.D
Acq: 28 Nov 2023 15:08

Tgt Ion:112 Resp: 1323844
Ion Ratio Lower Upper
112 100
64 57.1 48.2 72.4
63 31.2 27.0 40.6

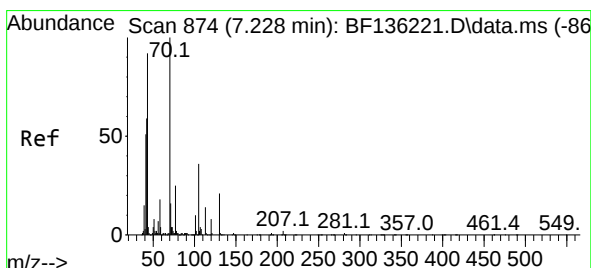
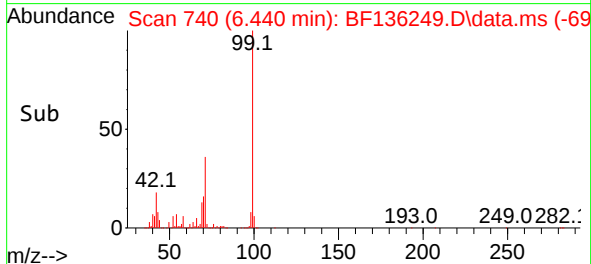
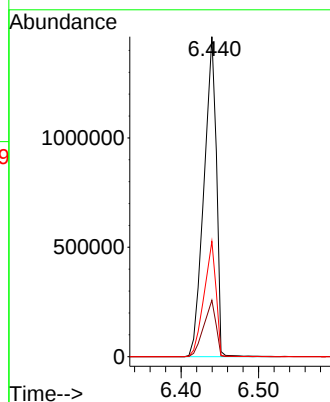
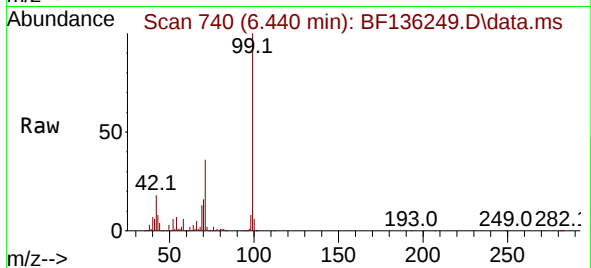




#7
Phenol-d6
Concen: 127.452 ng
RT: 6.440 min Scan# 741
Delta R.T. -0.006 min
Lab File: BF136249.D
Acq: 28 Nov 2023 15:08

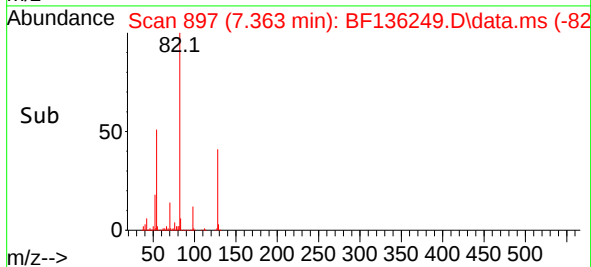
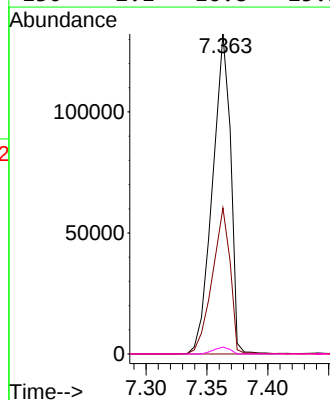
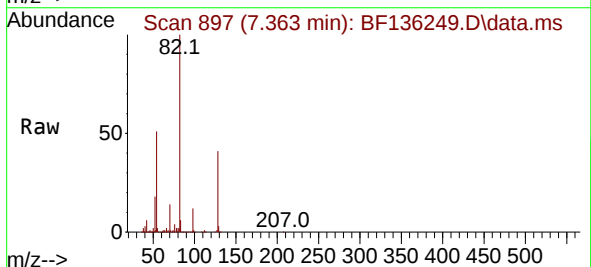
Instrument :
BNA_F
ClientSampleId :
PB157197BL

Tgt Ion: 99 Resp: 1627815
Ion Ratio Lower Upper
99 100
42 17.7 15.0 22.6
71 36.0 28.9 43.3



#19
n-Nitroso-di-n-propylamine
Concen: 17.905 ng
RT: 7.363 min Scan# 897
Delta R.T. 0.135 min
Lab File: BF136249.D
Acq: 28 Nov 2023 15:08

Tgt Ion: 70 Resp: 136769
Ion Ratio Lower Upper
70 100
42 45.6 47.0 70.4#
101 0.0 7.8 11.8#
130 2.1 16.8 25.2#

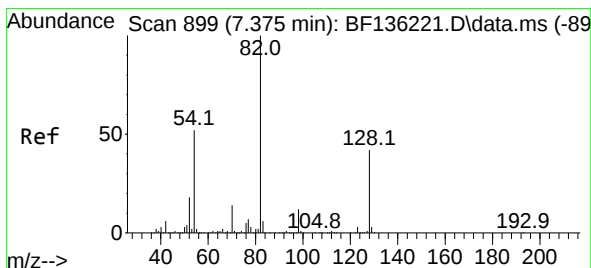
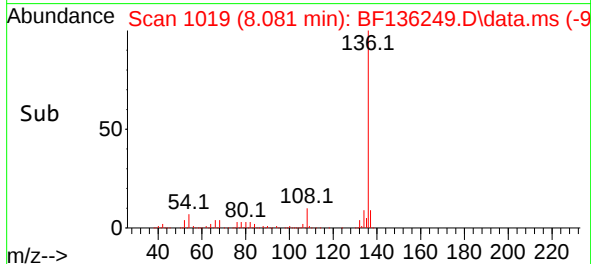
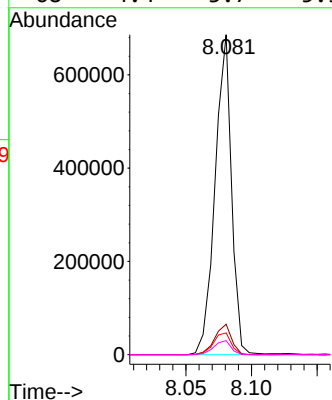
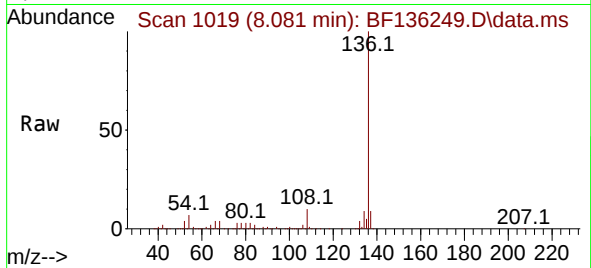




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.081 min Scan# 1019
Delta R.T. -0.006 min
Lab File: BF136249.D
Acq: 28 Nov 2023 15:08

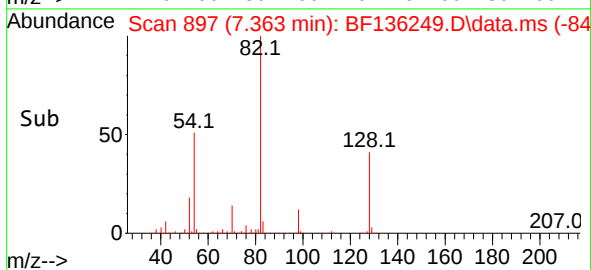
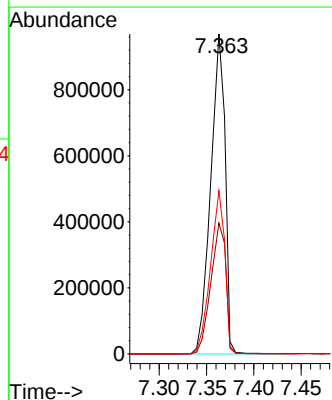
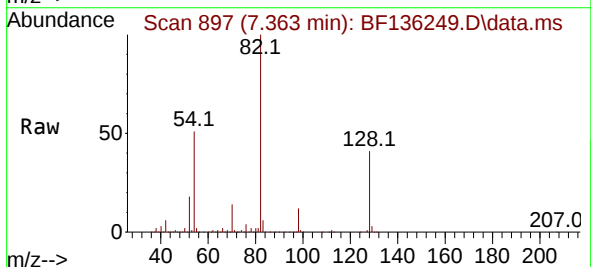
Instrument :
BNA_F
ClientSampleId :
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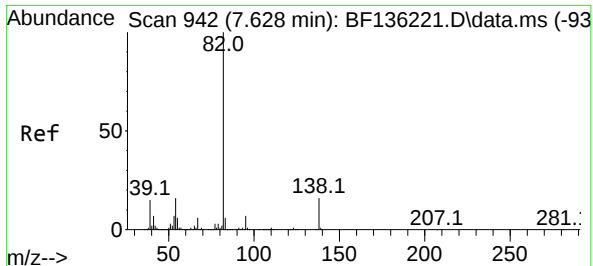
Tgt Ion:136 Resp: 597804
Ion Ratio Lower Upper
136 100
137 9.5 7.4 11.2
54 6.8 5.5 8.3
68 4.4 3.7 5.5



#23
Nitrobenzene-d5
Concen: 90.597 ng
RT: 7.363 min Scan# 897
Delta R.T. -0.012 min
Lab File: BF136249.D
Acq: 28 Nov 2023 15:08

Tgt Ion: 82 Resp: 1024899
Ion Ratio Lower Upper
82 100
128 40.9 33.4 50.2
54 51.1 41.7 62.5

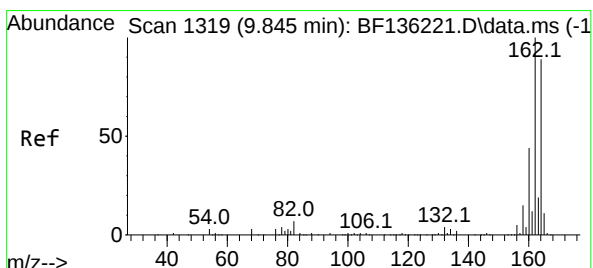
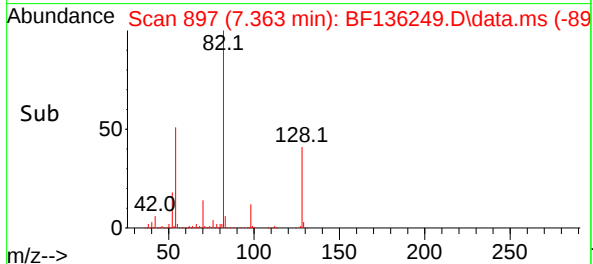
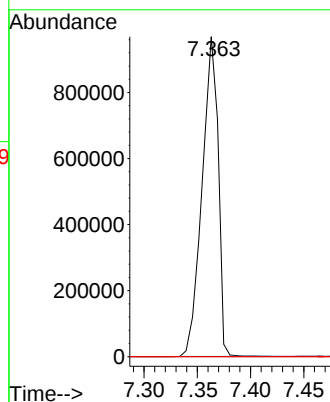
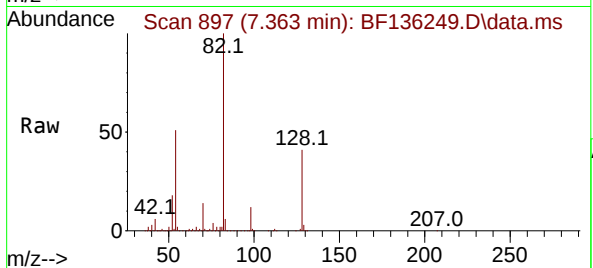




#25
Isophorone
Concen: 49.997 ng
RT: 7.363 min Scan# 89
Delta R.T. -0.265 min
Lab File: BF136249.D
Acq: 28 Nov 2023 15:08

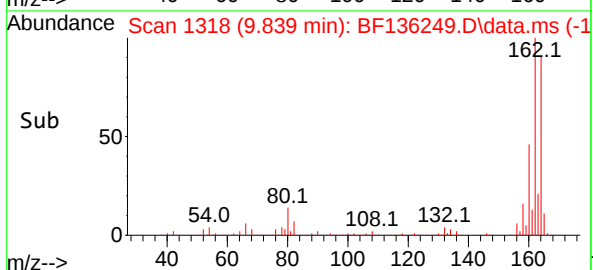
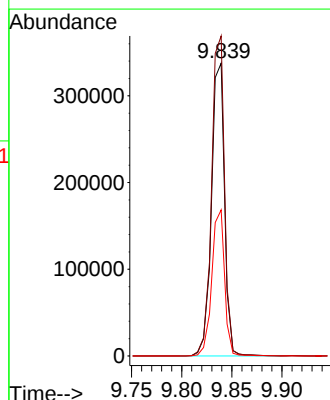
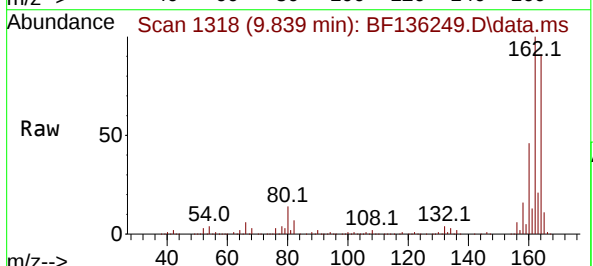
Instrument :
BNA_F
ClientSampleId :
PB157197BL

Tgt Ion: 82 Resp: 1019857
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: BF136249.D
Acq: 28 Nov 2023 15:08

Tgt Ion:164 Resp: 307248
Ion Ratio Lower Upper
164 100
162 109.3 89.5 134.3
160 49.9 39.6 59.4

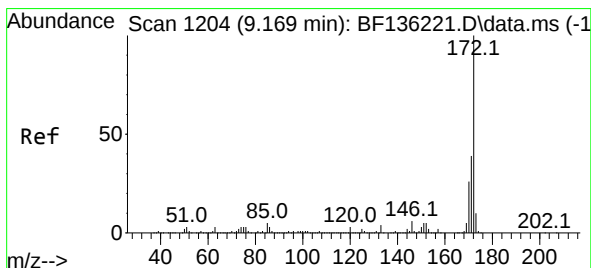
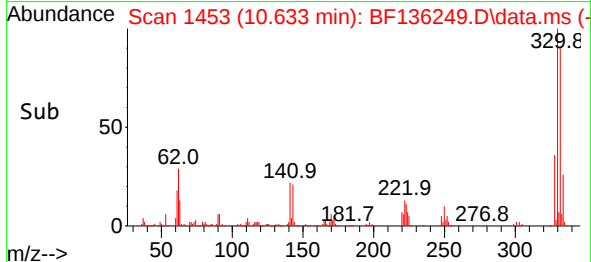
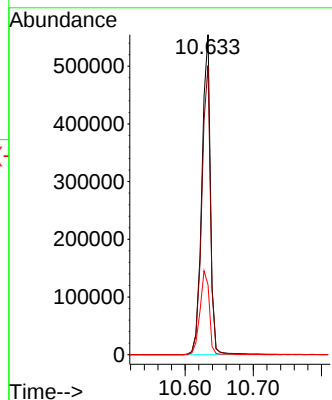
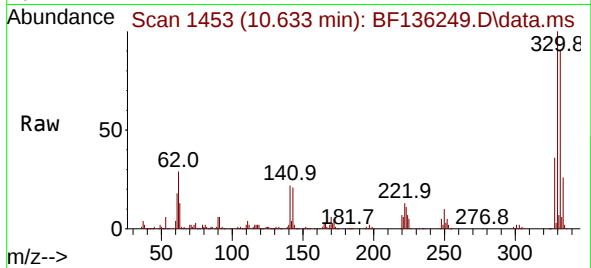




#42
2,4,6-Tribromophenol
Concen: 128.354 ng
RT: 10.633 min Scan# 1454
Delta R.T. -0.006 min
Lab File: BF136249.D
Acq: 28 Nov 2023 15:08

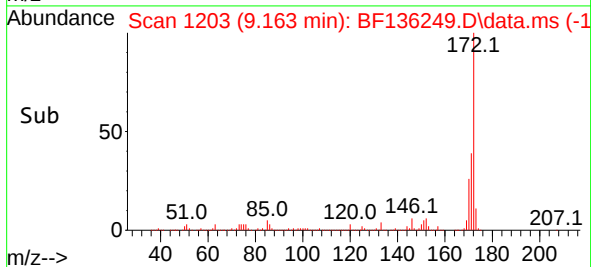
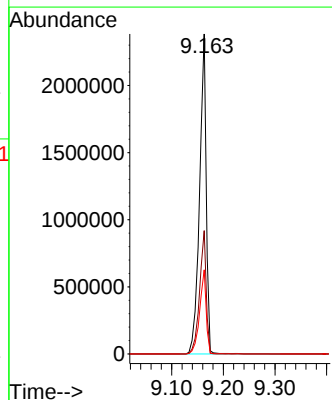
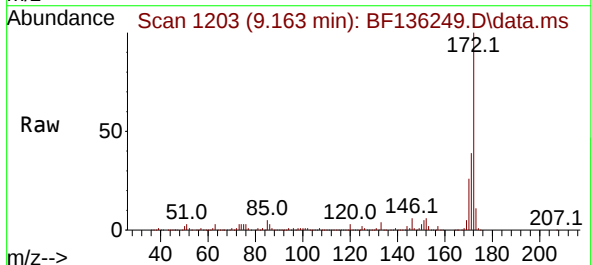
Instrument :
BNA_F
ClientSampleId :
PB157197BL

Tgt Ion:330 Resp: 482143
Ion Ratio Lower Upper
330 100
332 91.6 73.0 109.6
141 28.4 24.2 36.2



#45
2-Fluorobiphenyl
Concen: 88.854 ng
RT: 9.163 min Scan# 1203
Delta R.T. -0.006 min
Lab File: BF136249.D
Acq: 28 Nov 2023 15:08

Tgt Ion:172 Resp: 2137340
Ion Ratio Lower Upper
172 100
171 38.6 31.5 47.3
170 26.3 20.8 31.2

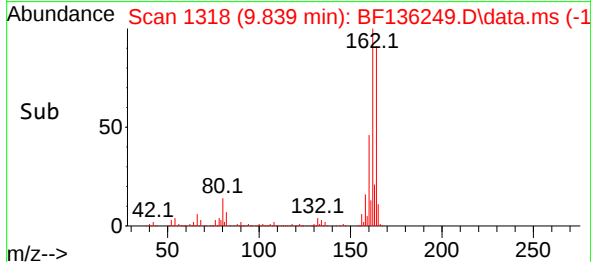
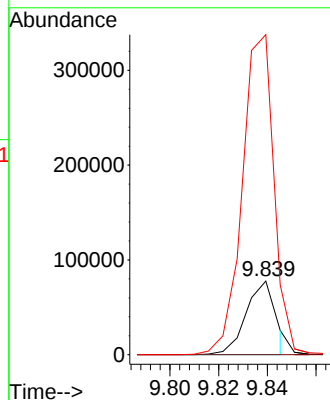
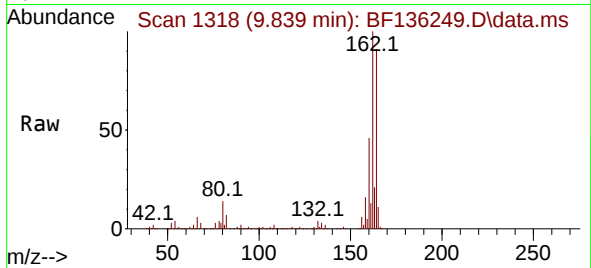




#50
Dimethylphthalate
Concen: 2.813 ng
RT: 9.839 min Scan# 11
Delta R.T. 0.265 min
Lab File: BF136249.D
Acq: 28 Nov 2023 15:08

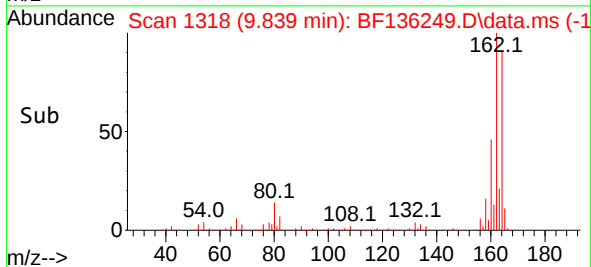
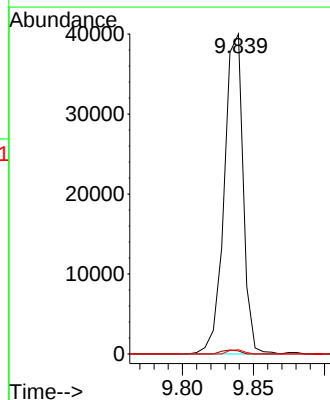
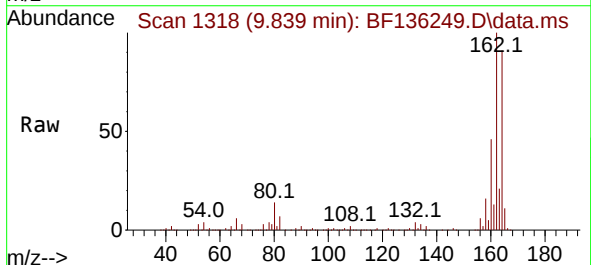
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ClientSampleId :
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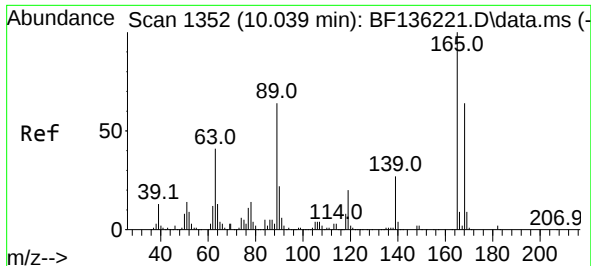
Tgt Ion:163 Resp: 65333
Ion Ratio Lower Upper
163 100
194 0.0 2.5 3.7#
164 435.1 7.0 10.6#



#51
2,6-Dinitrotoluene
Concen: 7.777 ng
RT: 9.839 min Scan# 1318
Delta R.T. 0.206 min
Lab File: BF136249.D
Acq: 28 Nov 2023 15:08

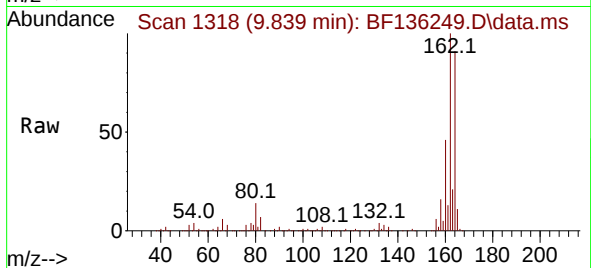
Tgt Ion:165 Resp: 36897
Ion Ratio Lower Upper
165 100
63 1.0 46.2 69.2#
89 1.3 44.9 67.3#



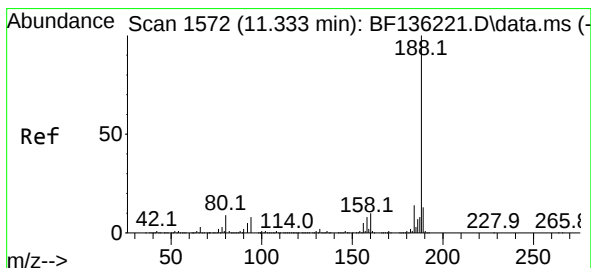
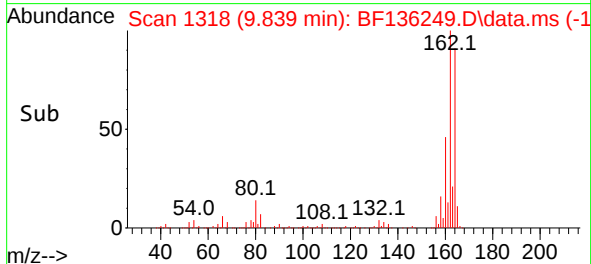
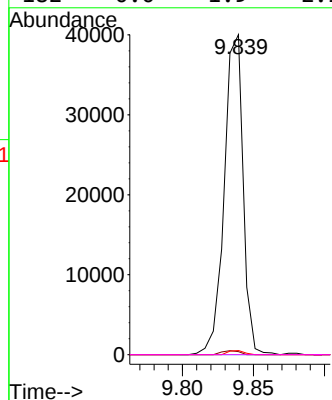


#57
2,4-Dinitrotoluene
Concen: 5.822 ng
RT: 9.839 min Scan# 11
Delta R.T. -0.200 min
Lab File: BF136249.D
Acq: 28 Nov 2023 15:08

Instrument :
BNA_F
ClientSampleId :
PB157197BL

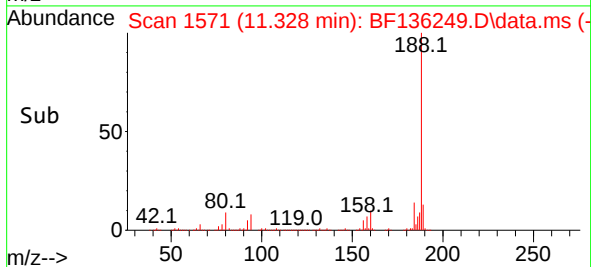
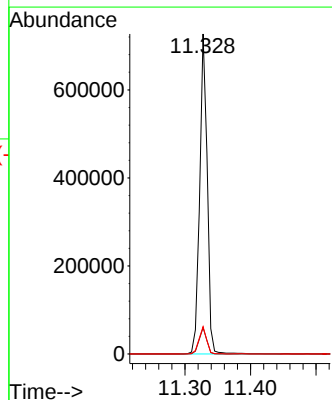
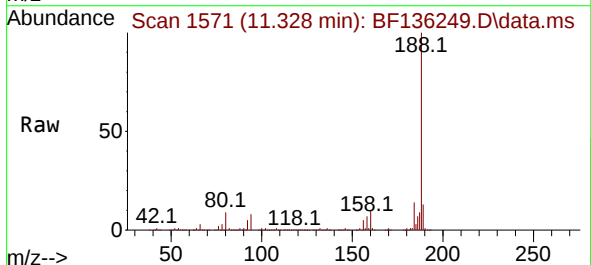


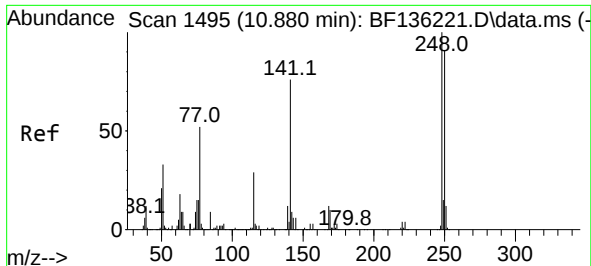
Tgt Ion:165 Resp: 36897
Ion Ratio Lower Upper
165 100
63 1.0 33.0 49.4#
89 1.3 51.5 77.3#
182 0.0 1.9 2.9#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.328 min Scan# 1571
Delta R.T. -0.005 min
Lab File: BF136249.D
Acq: 28 Nov 2023 15:08

Tgt Ion:188 Resp: 582740
Ion Ratio Lower Upper
188 100
94 8.2 6.7 10.1
80 8.5 7.2 10.8

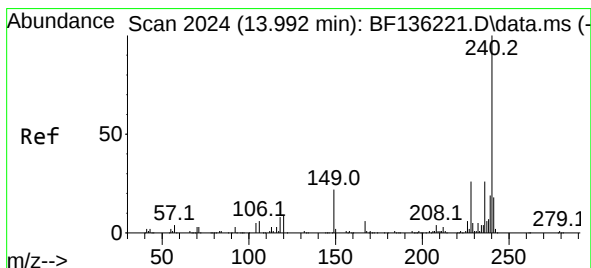
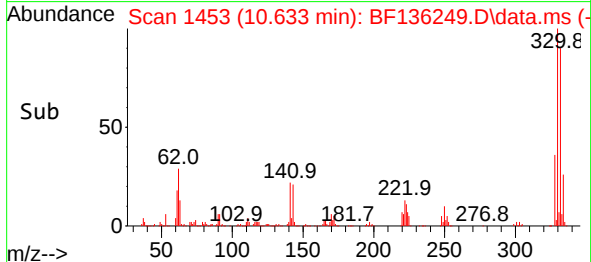
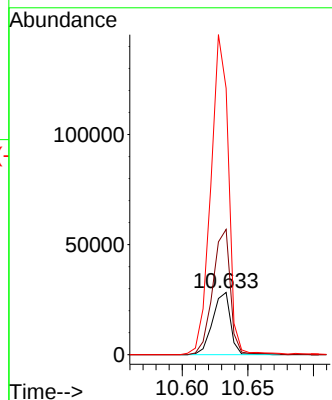
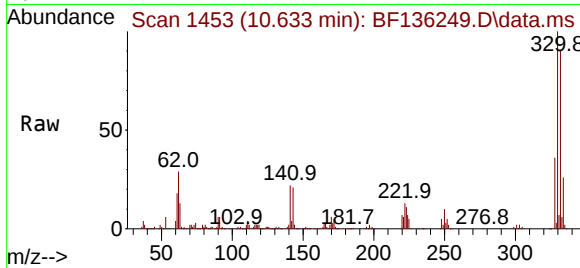




#67
4-Bromophenyl-phenylether
Concen: 3.940 ng
RT: 10.633 min Scan# 1495
Delta R.T. -0.247 min
Lab File: BF136249.D
Acq: 28 Nov 2023 15:08

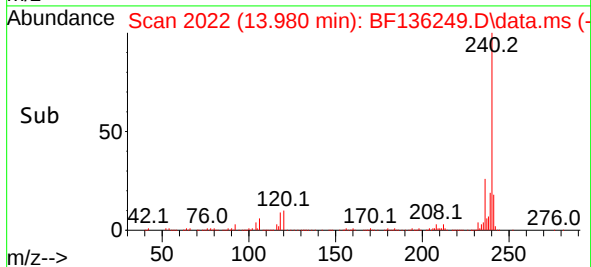
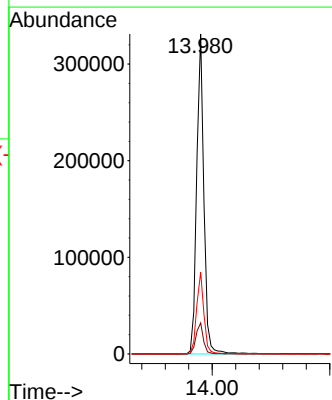
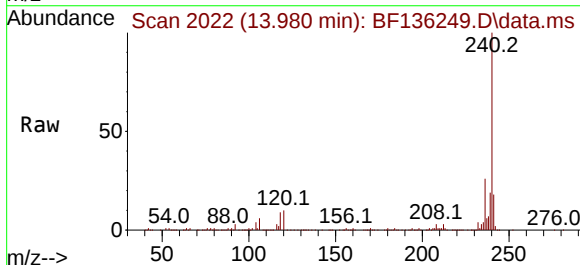
Instrument :
BNA_F
ClientSampleId :
PB157197BL

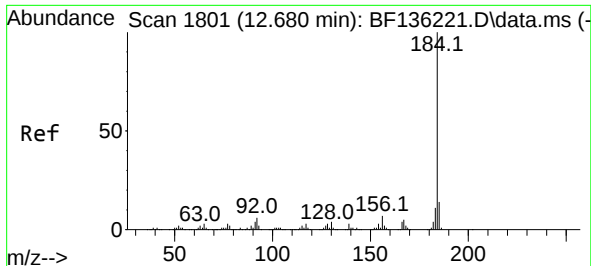
Tgt Ion:248 Resp: 26788
Ion Ratio Lower Upper
248 100
250 201.6 72.5 108.7#
141 428.3 60.8 91.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.980 min Scan# 2022
Delta R.T. -0.012 min
Lab File: BF136249.D
Acq: 28 Nov 2023 15:08

Tgt Ion:240 Resp: 283163
Ion Ratio Lower Upper
240 100
120 9.7 7.4 11.2
236 25.5 21.1 31.7

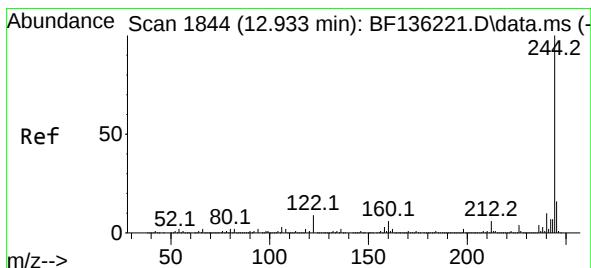
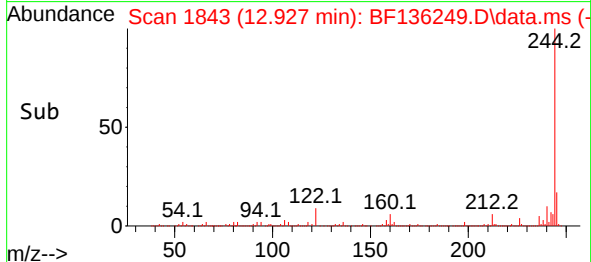
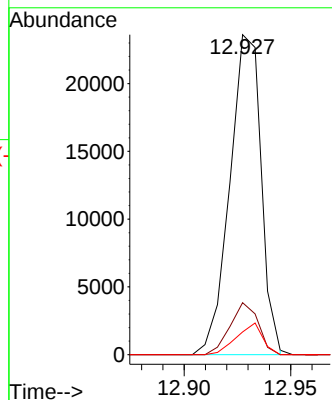
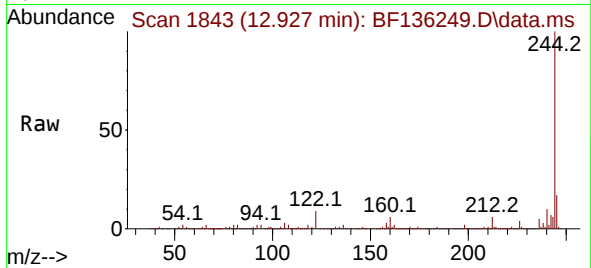




#77
Benzidine
Concen: 5.189 ng
RT: 12.927 min Scan# 1843
Delta R.T. 0.247 min
Lab File: BF136249.D
Acq: 28 Nov 2023 15:08

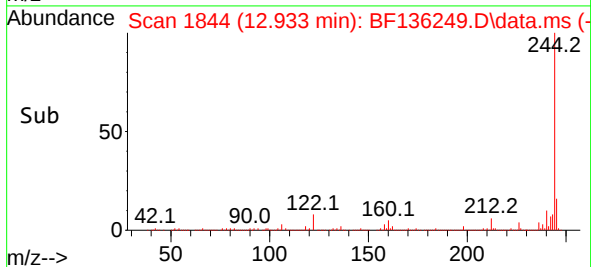
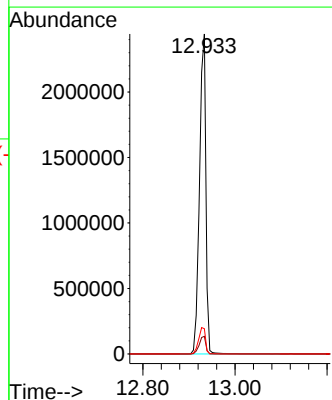
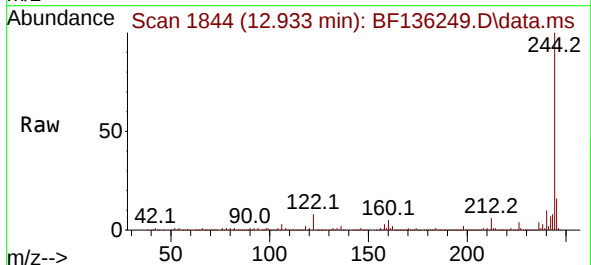
Instrument :
BNA_F
ClientSampleId :
PB157197BL

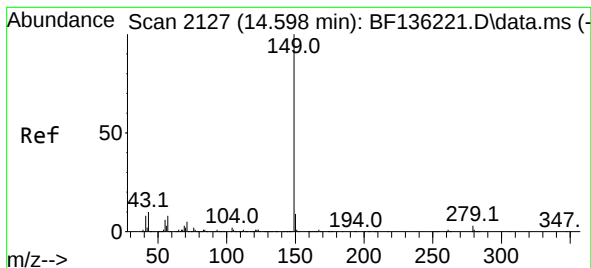
Tgt Ion:184 Resp: 24152
Ion Ratio Lower Upper
184 100
185 16.3 11.0 16.6
183 7.1 9.0 13.4#



#79
Terphenyl-d14
Concen: 94.741 ng
RT: 12.933 min Scan# 1844
Delta R.T. 0.000 min
Lab File: BF136249.D
Acq: 28 Nov 2023 15:08

Tgt Ion:244 Resp: 2325737
Ion Ratio Lower Upper
244 100
212 5.5 4.6 7.0
122 7.9 7.3 10.9





#85

Di-n-octyl phthalate

Concen: 5.170 ng

RT: 14.586 min Scan# 2125

Delta R.T. -0.012 min

Lab File: BF136249.D

Acq: 28 Nov 2023 15:08

Instrument :

BNA_F

ClientSampleId :

PB157197BL

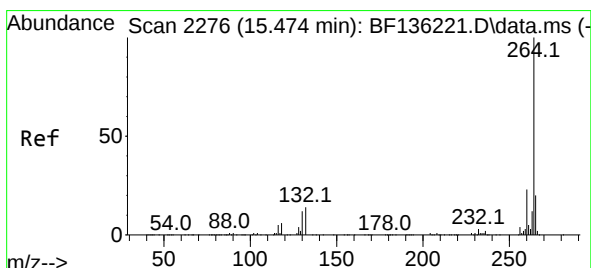
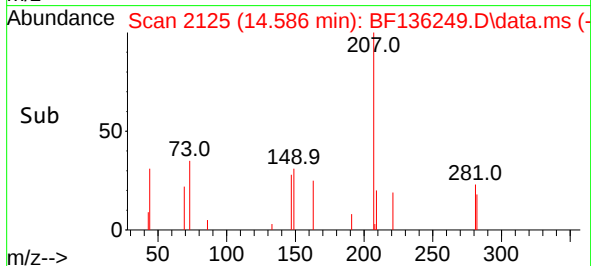
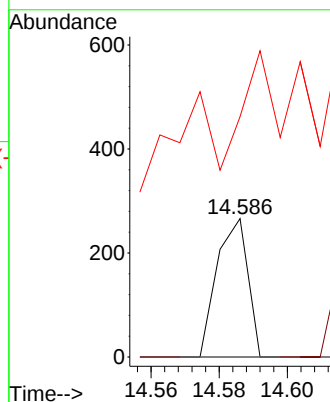
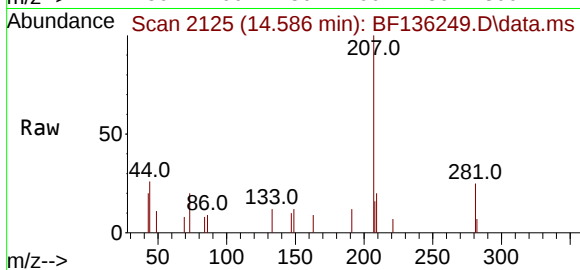
Tgt Ion:149 Resp: 167

Ion Ratio Lower Upper

149 100

167 0.0 1.0 1.6#

43 83.8 7.2 10.8#



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.463 min Scan# 2274

Delta R.T. -0.011 min

Lab File: BF136249.D

Acq: 28 Nov 2023 15:08

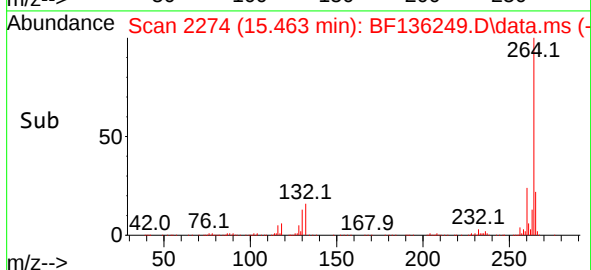
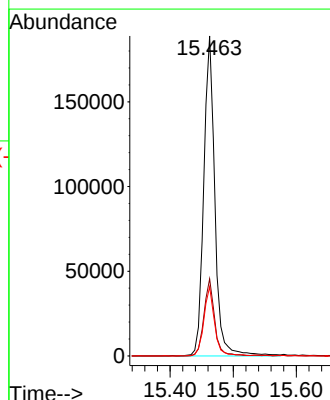
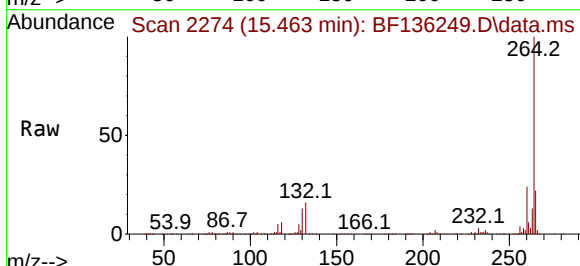
Tgt Ion:264 Resp: 231351

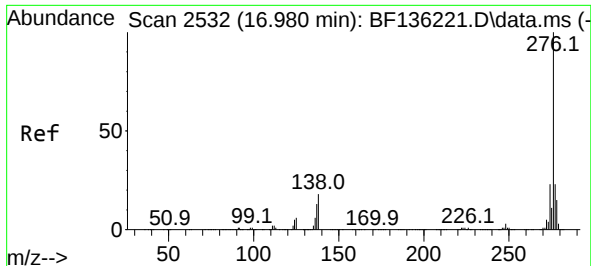
Ion Ratio Lower Upper

264 100

260 24.1 18.6 27.8

265 21.6 15.7 23.5

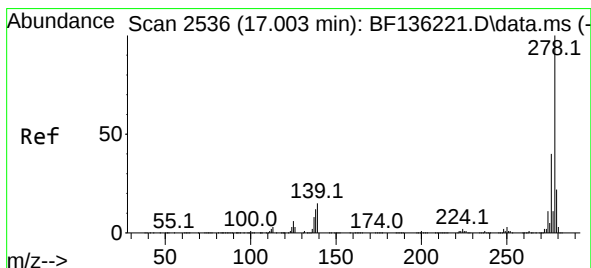
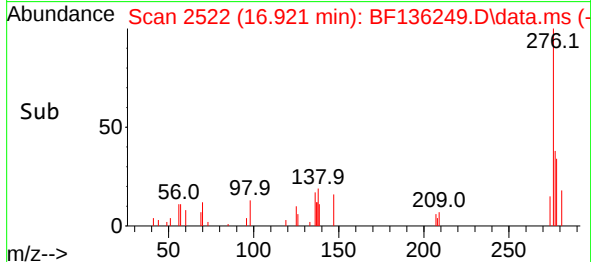
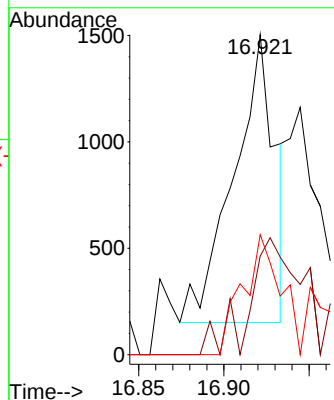
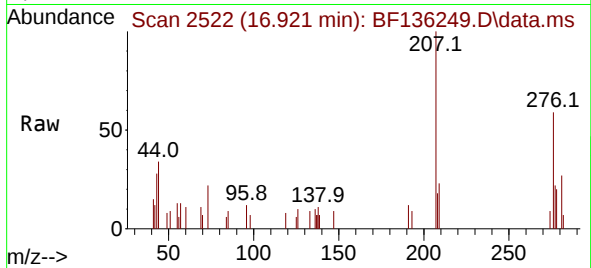




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 2.803 ng
 RT: 16.921 min Scan# 21
 Delta R.T. -0.059 min
 Lab File: BF136249.D
 Acq: 28 Nov 2023 15:08

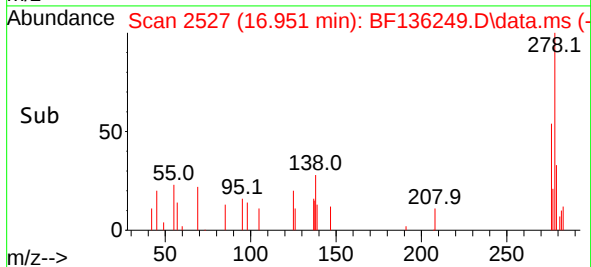
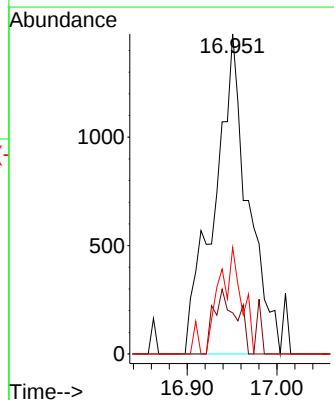
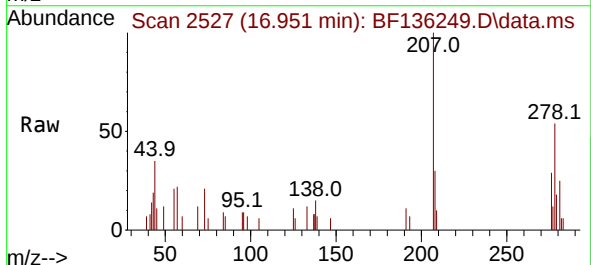
Instrument :
 BNA_F
 ClientSampleId :
 PB157197BL

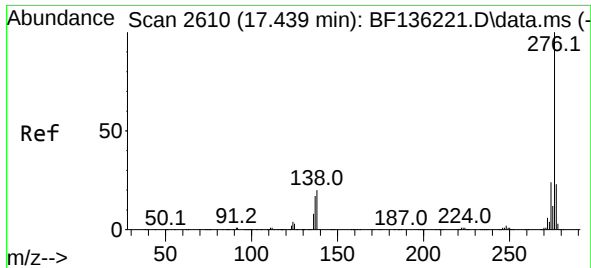
Tgt Ion:276 Resp: 2274
 Ion Ratio Lower Upper
 276 100
 138 53.8 17.7 26.5#
 277 38.1 19.6 29.4#



#91
 Dibenzo(a,h)anthracene
 Concen: 2.975 ng
 RT: 16.951 min Scan# 2527
 Delta R.T. -0.052 min
 Lab File: BF136249.D
 Acq: 28 Nov 2023 15:08

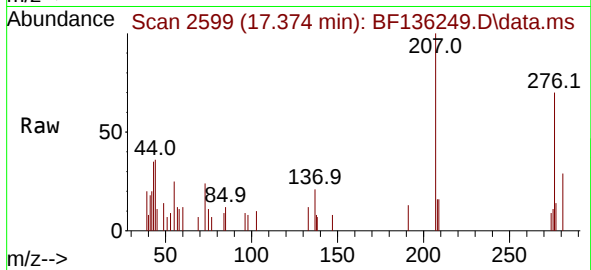
Tgt Ion:278 Resp: 3843
 Ion Ratio Lower Upper
 278 100
 139 12.9 11.7 17.5
 279 33.3 17.8 26.8#





#92
 Benzo(g,h,i)perylene
 Concen: 2.141 ng
 RT: 17.374 min Scan# 21
 Delta R.T. -0.065 min
 Lab File: BF136249.D
 Acq: 28 Nov 2023 15:08

Instrument :
 BNA_F
 ClientSampleId :
 PB157197BL



Tgt Ion:	276	Resp:	3487
Ion	Ratio	Lower	Upper
276	100		
277	19.6	18.6	27.8
138	21.9	15.8	23.8

