

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120123\
 Data File : BF136330.D
 Acq On : 01 Dec 2023 11:04
 Operator : CG\JU
 Sample : PB157140BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB157140BL

Quant Time: Dec 04 05:55:15 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

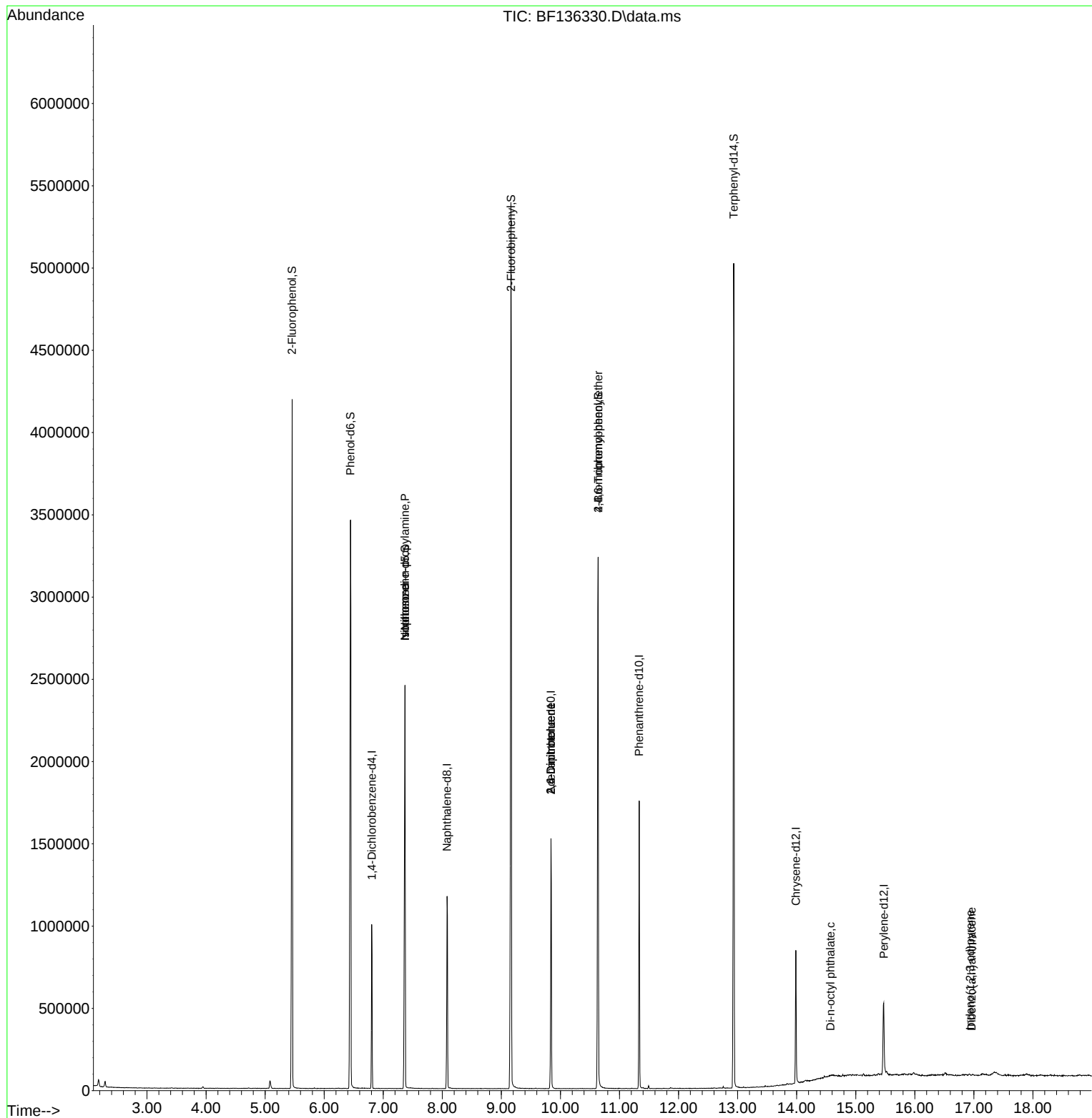
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.804	152	140360	20.000	ng	0.00
21) Naphthalene-d8	8.080	136	602583	20.000	ng	0.00
39) Acenaphthene-d10	9.839	164	311214	20.000	ng	0.00
64) Phenanthrene-d10	11.333	188	597689	20.000	ng	0.00
76) Chrysene-d12	13.986	240	278373	20.000	ng	0.00
86) Perylene-d12	15.474	264	246250	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.457	112	1235745	122.540	ng	0.02
7) Phenol-d6	6.445	99	1535899	121.808	ng	0.00
23) Nitrobenzene-d5	7.369	82	914450	80.192	ng	0.00
42) 2,4,6-Tribromophenol	10.639	330	478617	125.791	ng	0.00
45) 2-Fluorobiphenyl	9.163	172	1962463	80.545	ng	0.00
79) Terphenyl-d14	12.933	244	2085546	86.418	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.369	70	120067	15.921	ng	# 74
25) Isophorone	7.369	82	913230	44.414	ng	# 68
51) 2,6-Dinitrotoluene	9.839	165	37928	7.893	ng	# 25
57) 2,4-Dinitrotoluene	9.839	165	37928	5.909	ng	# 28
67) 4-Bromophenyl-phenylether	10.639	248	27233	3.905	ng	# 1
85) Di-n-octyl phthalate	14.574	149	214	5.173	ng	# 1
87) Indeno(1,2,3-cd)pyrene	16.939	276	2483	2.807	ng	# 76
91) Dibenzo(a,h)anthracene	16.962	278	2942	2.901	ng	# 63

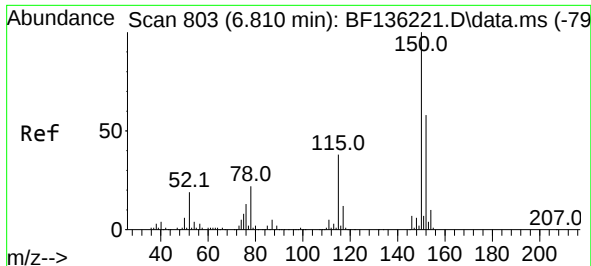
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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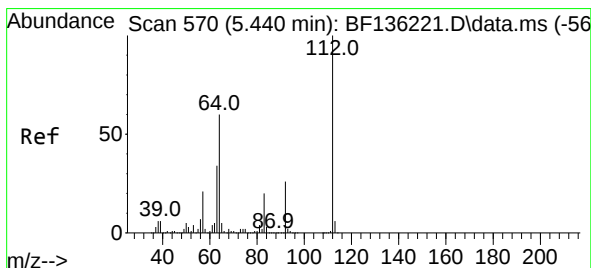
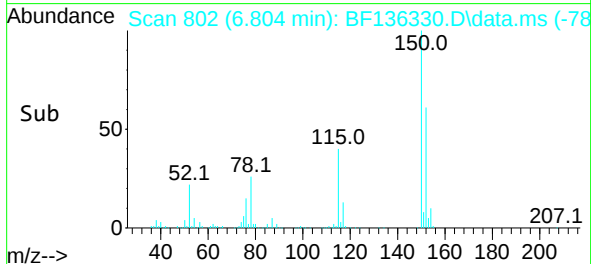
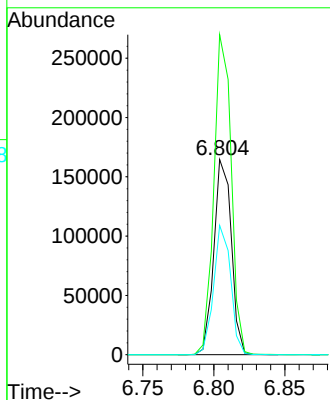
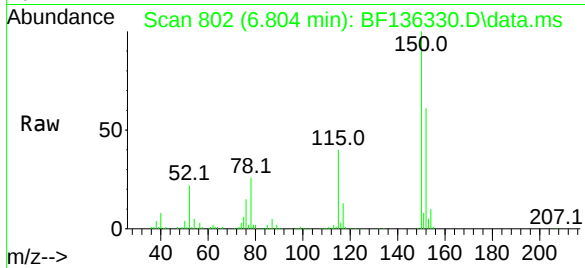




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.804 min Scan# 803
Delta R.T. -0.006 min
Lab File: BF136330.D
Acq: 01 Dec 2023 11:04

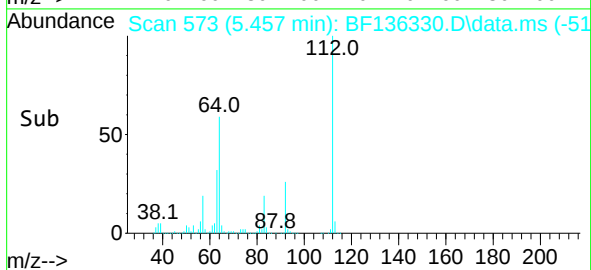
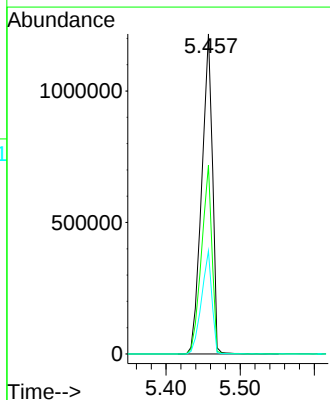
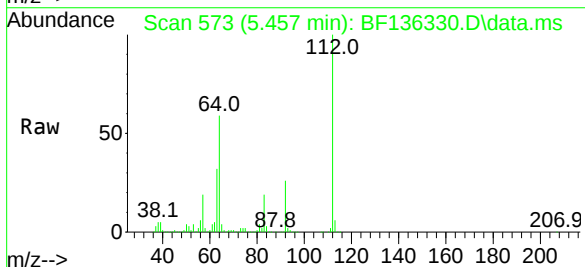
Instrument :
BNA_F
ClientSampleId :
PB157140BL

Tgt Ion:152 Resp: 140360
Ion Ratio Lower Upper
152 100
150 163.9 137.8 206.8
115 66.2 52.7 79.1



#5
2-Fluorophenol
Concen: 122.540 ng
RT: 5.457 min Scan# 573
Delta R.T. 0.018 min
Lab File: BF136330.D
Acq: 01 Dec 2023 11:04

Tgt Ion:112 Resp: 1235745
Ion Ratio Lower Upper
112 100
64 58.9 48.2 72.4
63 32.2 27.0 40.6

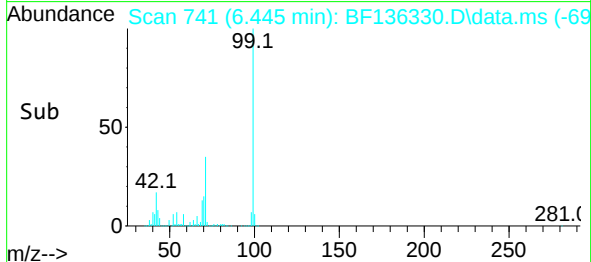
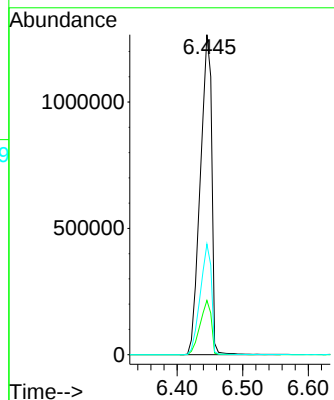
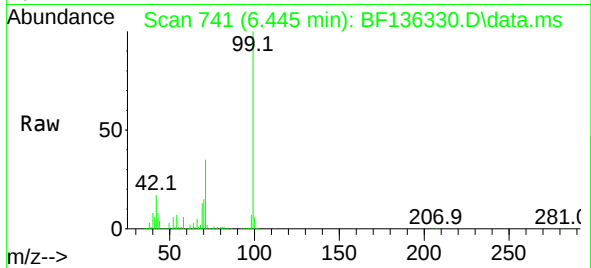




#7
Phenol-d6
Concen: 121.808 ng
RT: 6.445 min Scan# 741
Delta R.T. -0.000 min
Lab File: BF136330.D
Acq: 01 Dec 2023 11:04

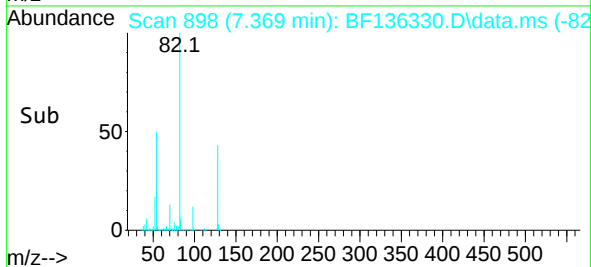
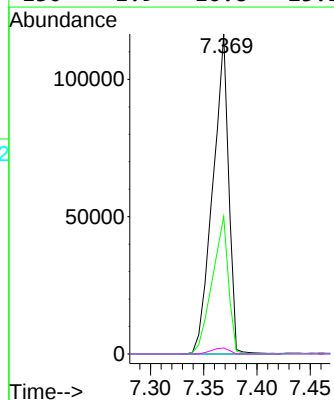
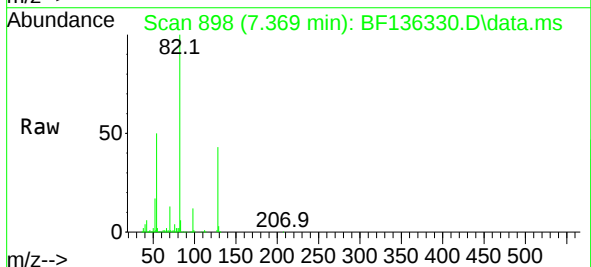
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ClientSampleId :
PB157140BL

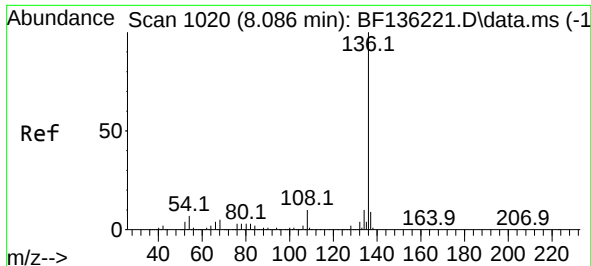
Tgt Ion: 99 Resp: 1535899
Ion Ratio Lower Upper
99 100
42 17.0 15.0 22.6
71 34.6 28.9 43.3



#19
n-Nitroso-di-n-propylamine
Concen: 15.921 ng
RT: 7.369 min Scan# 898
Delta R.T. 0.141 min
Lab File: BF136330.D
Acq: 01 Dec 2023 11:04

Tgt Ion: 70 Resp: 120067
Ion Ratio Lower Upper
70 100
42 42.9 47.0 70.4#
101 0.0 7.8 11.8#
130 1.9 16.8 25.2#

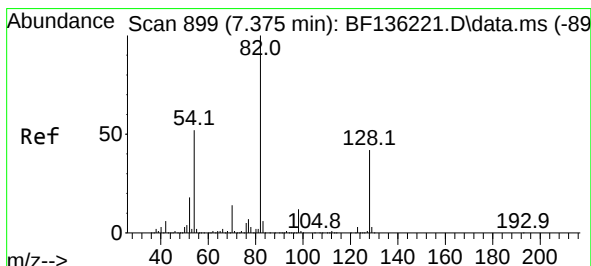
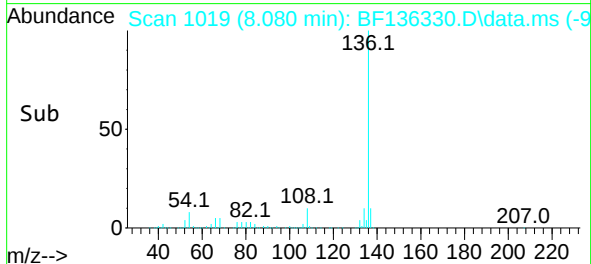
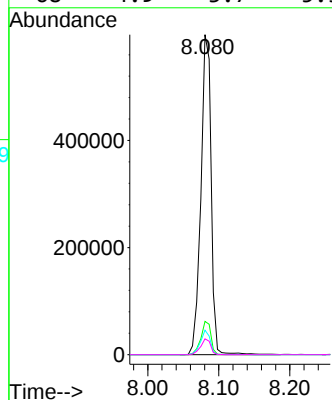
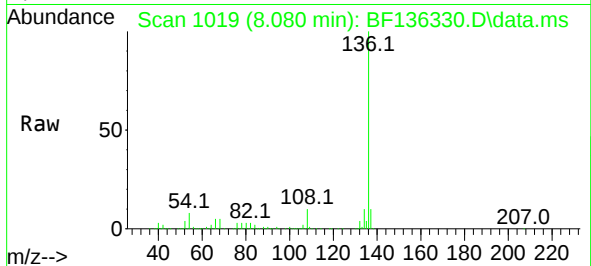




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.080 min Scan# 1019
Delta R.T. -0.006 min
Lab File: BF136330.D
Acq: 01 Dec 2023 11:04

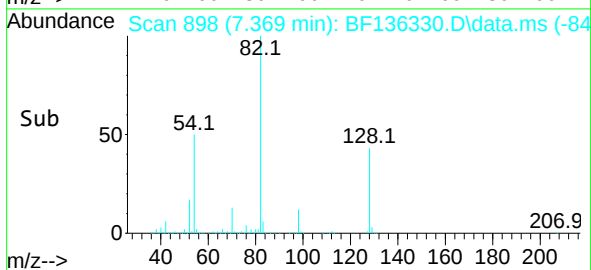
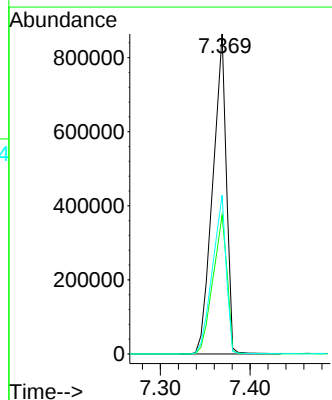
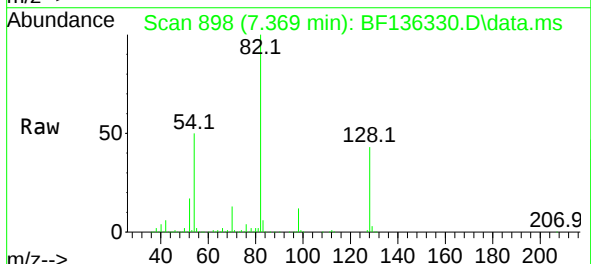
Instrument :
BNA_F
ClientSampleId :
PB157140BL

Tgt Ion:136 Resp: 602583
Ion Ratio Lower Upper
136 100
137 10.4 7.4 11.2
54 7.7 5.5 8.3
68 4.9 3.7 5.5



#23
Nitrobenzene-d5
Concen: 80.192 ng
RT: 7.369 min Scan# 898
Delta R.T. -0.006 min
Lab File: BF136330.D
Acq: 01 Dec 2023 11:04

Tgt Ion: 82 Resp: 914450
Ion Ratio Lower Upper
82 100
128 43.5 33.4 50.2
54 49.6 41.7 62.5

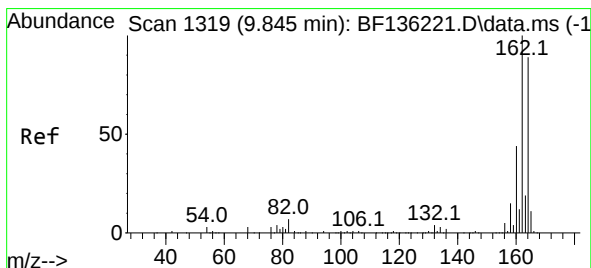
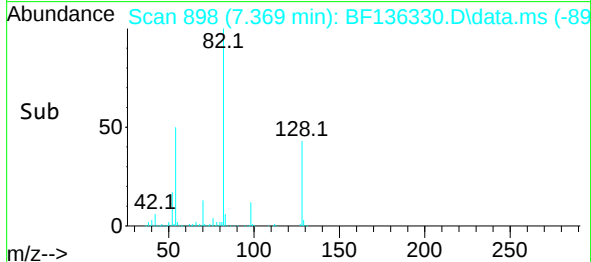
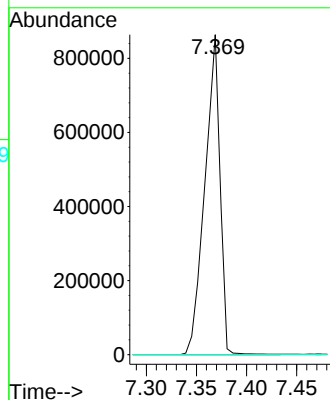
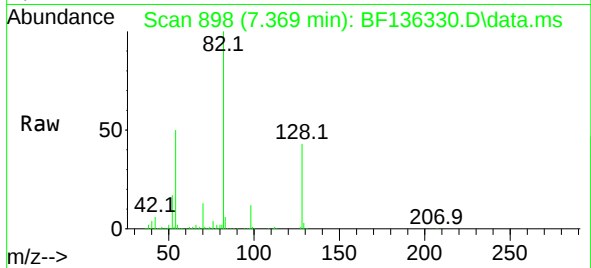




#25
Isophorone
Concen: 44.414 ng
RT: 7.369 min Scan# 89
Delta R.T. -0.259 min
Lab File: BF136330.D
Acq: 01 Dec 2023 11:04

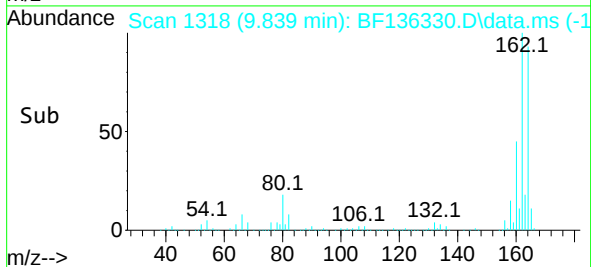
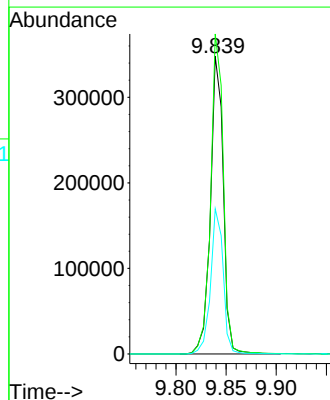
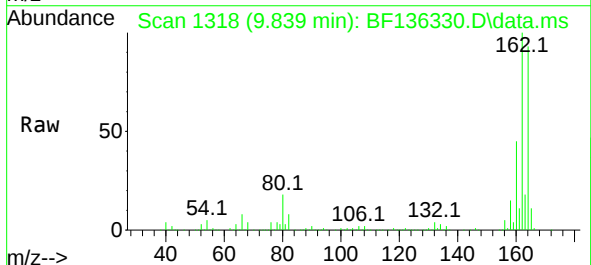
Instrument :
BNA_F
ClientSampleId :
PB157140BL

Tgt Ion: 82 Resp: 913230
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: BF136330.D
Acq: 01 Dec 2023 11:04

Tgt Ion:164 Resp: 311214
Ion Ratio Lower Upper
164 100
162 107.5 89.5 134.3
160 48.8 39.6 59.4





#42

2,4,6-Tribromophenol

Concen: 125.791 ng

RT: 10.639 min Scan# 1454

Delta R.T. -0.000 min

Lab File: BF136330.D

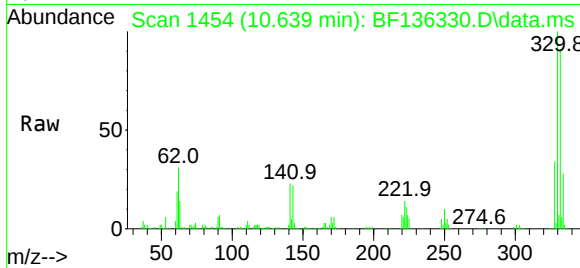
Acq: 01 Dec 2023 11:04

Instrument :

BNA_F

ClientSampleId :

PB157140BL



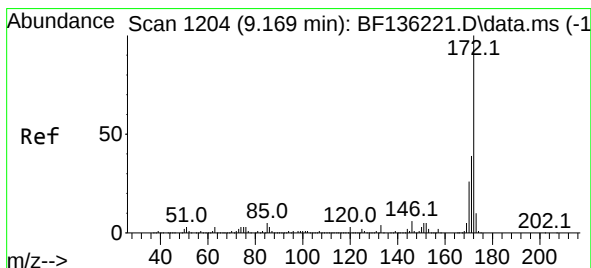
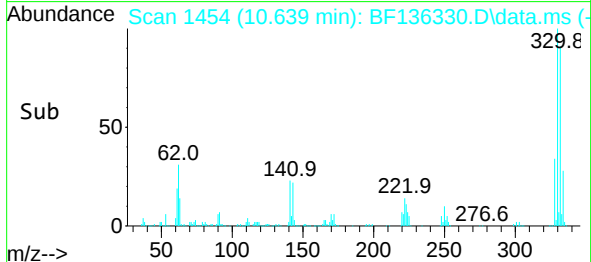
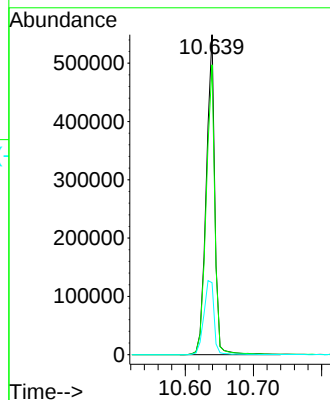
Tgt Ion:330 Resp: 478617

Ion Ratio Lower Upper

330 100

332 92.3 73.0 109.6

141 27.9 24.2 36.2



#45

2-Fluorobiphenyl

Concen: 80.545 ng

RT: 9.163 min Scan# 1203

Delta R.T. -0.006 min

Lab File: BF136330.D

Acq: 01 Dec 2023 11:04

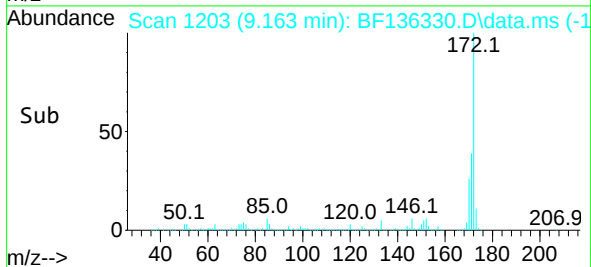
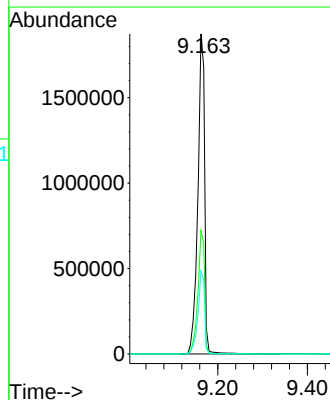
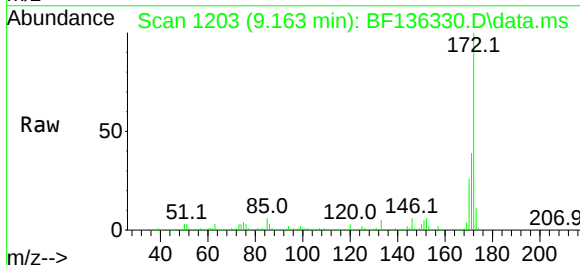
Tgt Ion:172 Resp: 1962463

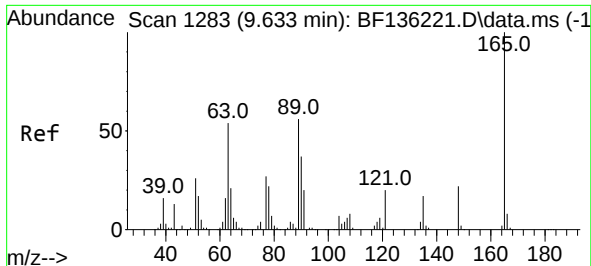
Ion Ratio Lower Upper

172 100

171 38.6 31.5 47.3

170 25.9 20.8 31.2

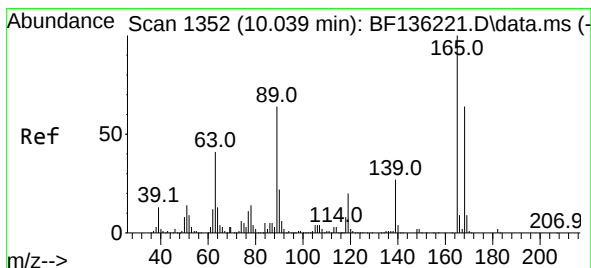
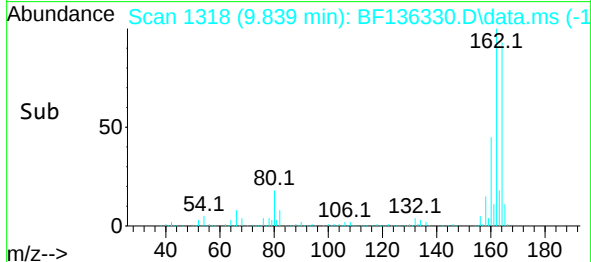
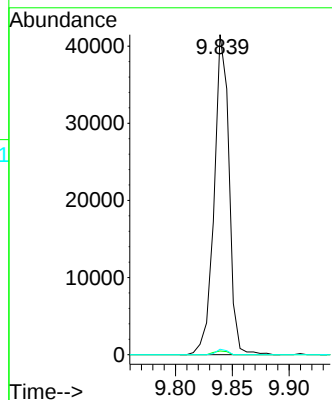
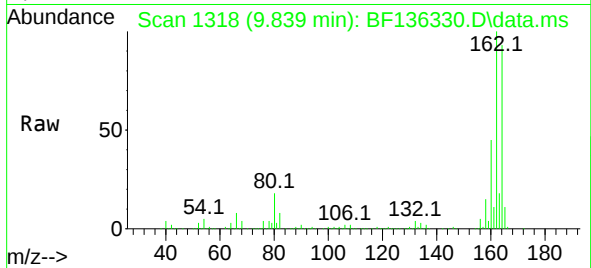




#51
2,6-Dinitrotoluene
Concen: 7.893 ng
RT: 9.839 min Scan# 11
Delta R.T. 0.206 min
Lab File: BF136330.D
Acq: 01 Dec 2023 11:04

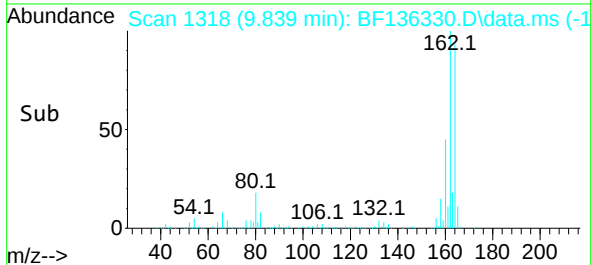
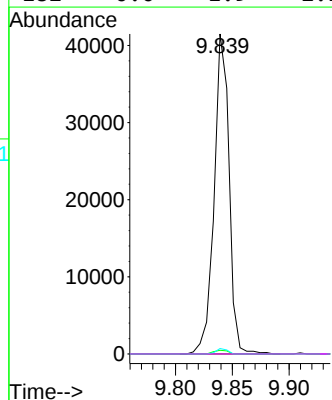
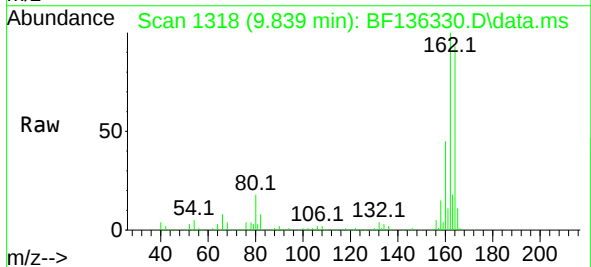
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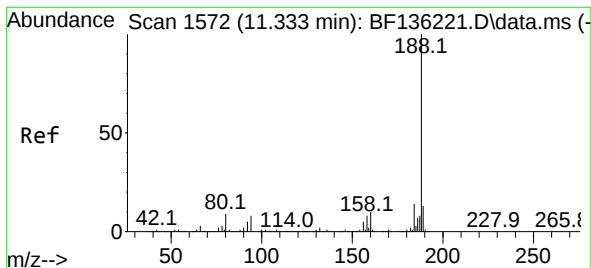
Tgt Ion:165 Resp: 37928
Ion Ratio Lower Upper
165 100
63 1.2 46.2 69.2#
89 1.7 44.9 67.3#



#57
2,4-Dinitrotoluene
Concen: 5.909 ng
RT: 9.839 min Scan# 1318
Delta R.T. -0.200 min
Lab File: BF136330.D
Acq: 01 Dec 2023 11:04

Tgt Ion:165 Resp: 37928
Ion Ratio Lower Upper
165 100
63 1.2 33.0 49.4#
89 1.7 51.5 77.3#
182 0.0 1.9 2.9#

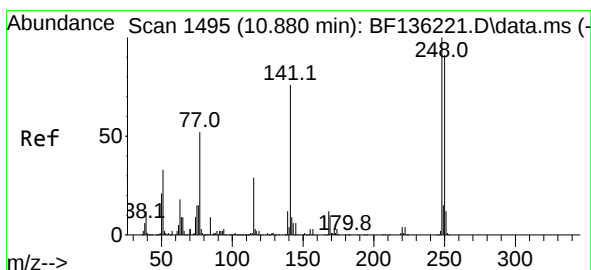
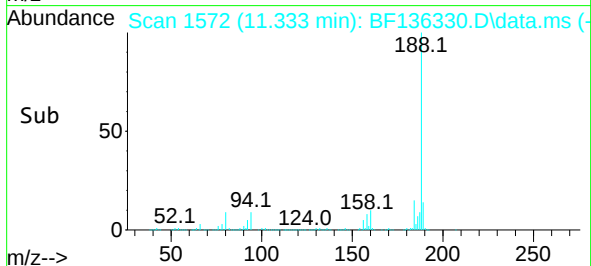
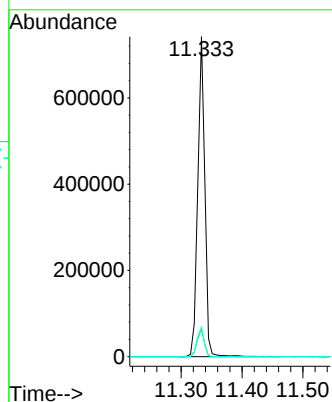
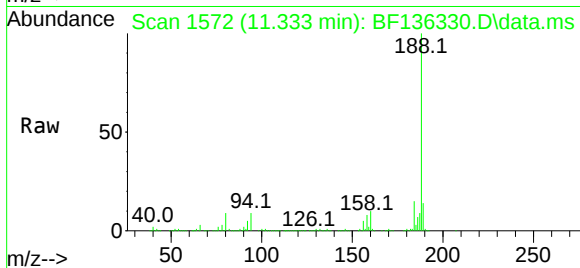




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.333 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF136330.D
Acq: 01 Dec 2023 11:04

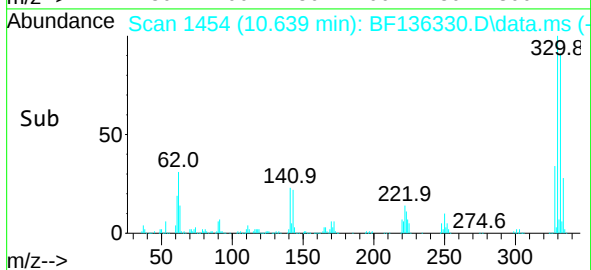
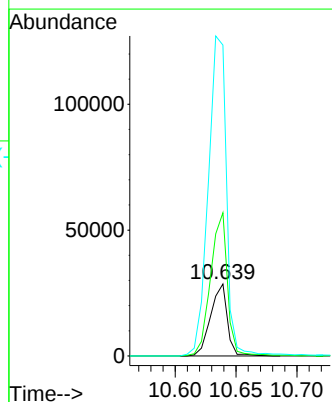
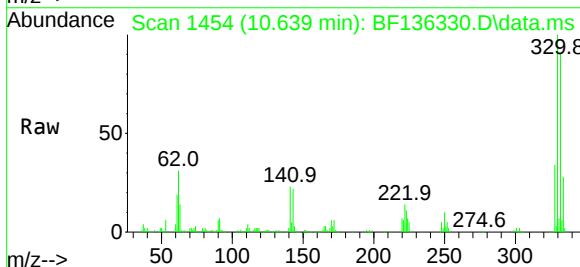
Instrument :
BNA_F
ClientSampleId :
PB157140BL

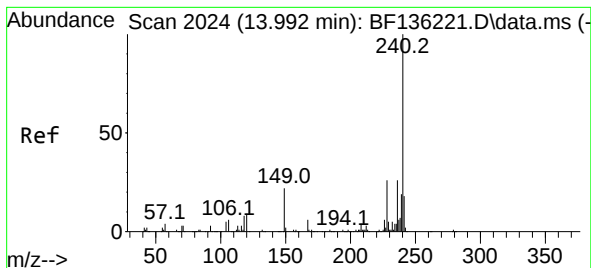
Tgt Ion:188 Resp: 597689
Ion Ratio Lower Upper
188 100
94 8.7 6.7 10.1
80 9.2 7.2 10.8



#67
4-Bromophenyl-phenylether
Concen: 3.905 ng
RT: 10.639 min Scan# 1454
Delta R.T. -0.241 min
Lab File: BF136330.D
Acq: 01 Dec 2023 11:04

Tgt Ion:248 Resp: 27233
Ion Ratio Lower Upper
248 100
250 198.9 72.5 108.7#
141 431.7 60.8 91.2#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.986 min Scan# 20

Delta R.T. -0.006 min

Lab File: BF136330.D

Acq: 01 Dec 2023 11:04

Instrument :

BNA_F

ClientSampleId :

PB157140BL

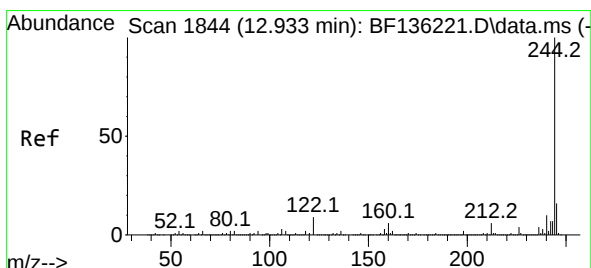
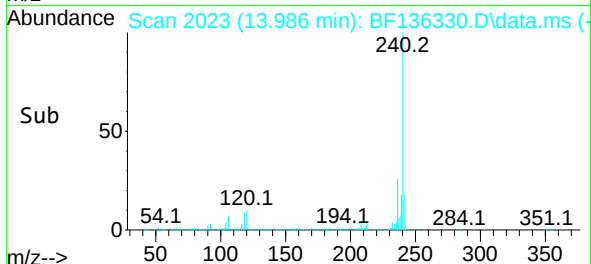
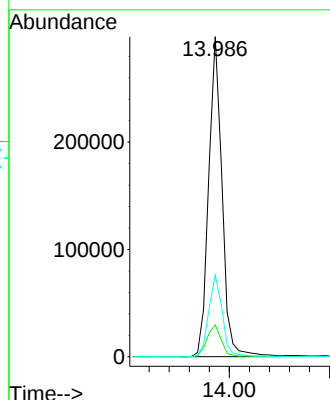
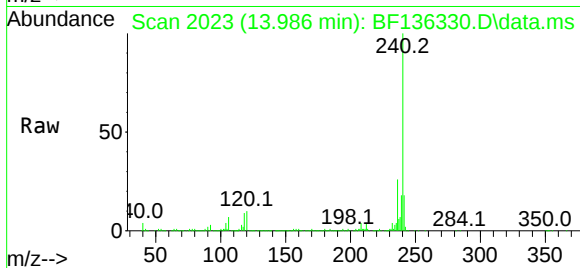
Tgt Ion:240 Resp: 278373

Ion Ratio Lower Upper

240 100

120 9.9 7.4 11.2

236 25.5 21.1 31.7



#79

Terphenyl-d14

Concen: 86.418 ng

RT: 12.933 min Scan# 1844

Delta R.T. -0.000 min

Lab File: BF136330.D

Acq: 01 Dec 2023 11:04

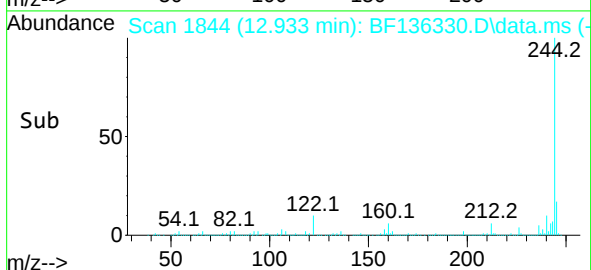
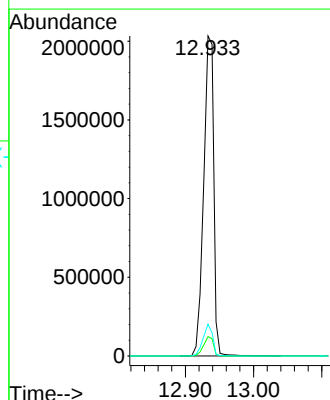
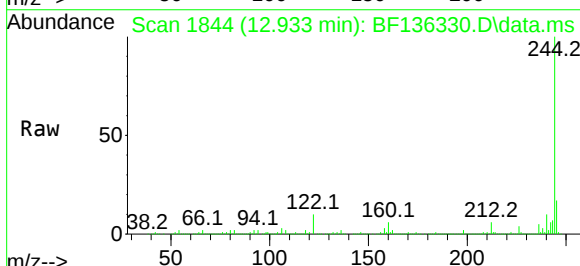
Tgt Ion:244 Resp: 2085546

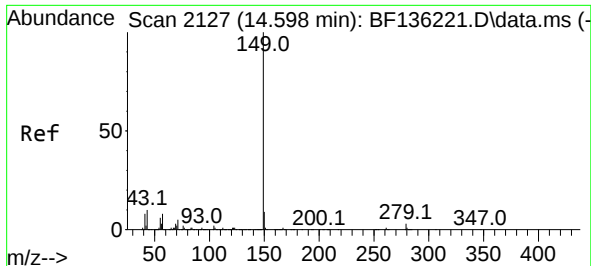
Ion Ratio Lower Upper

244 100

212 6.1 4.6 7.0

122 9.9 7.3 10.9

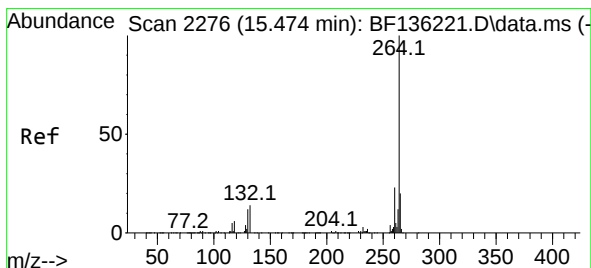
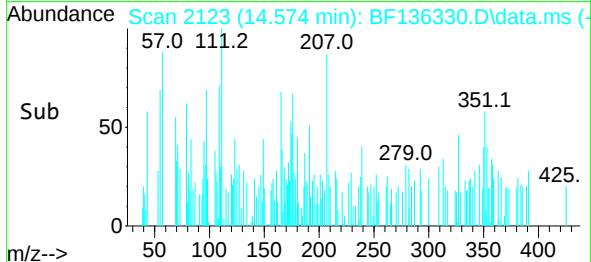
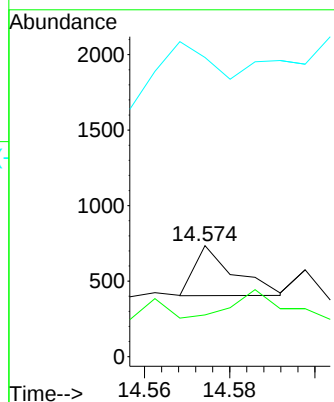
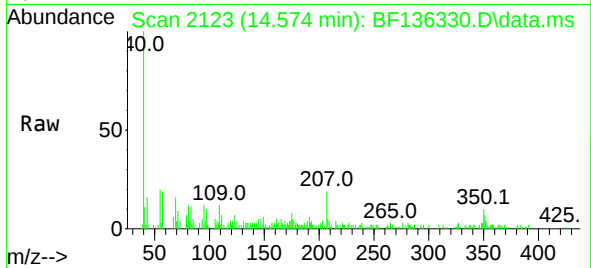




#85
Di-n-octyl phthalate
Concen: 5.173 ng
RT: 14.574 min Scan# 2127
Delta R.T. -0.024 min
Lab File: BF136330.D
Acq: 01 Dec 2023 11:04

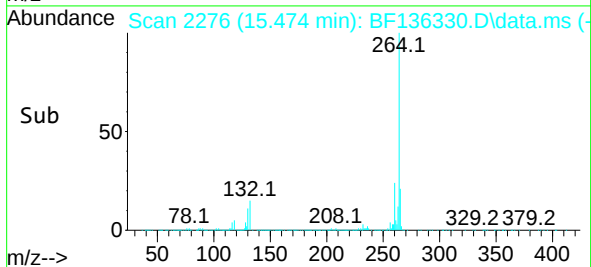
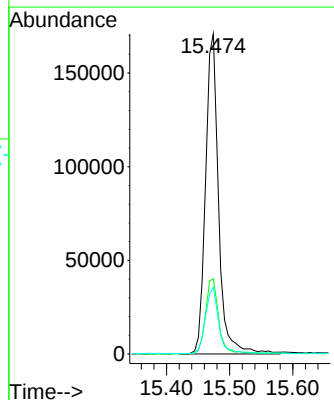
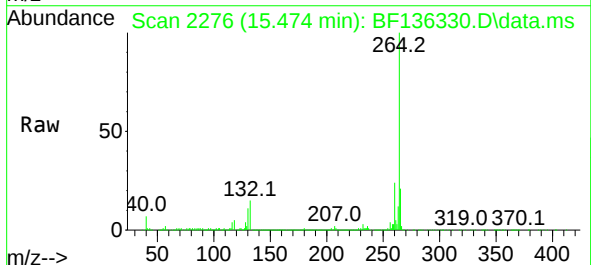
Instrument :
BNA_F
ClientSampleId :
PB157140BL

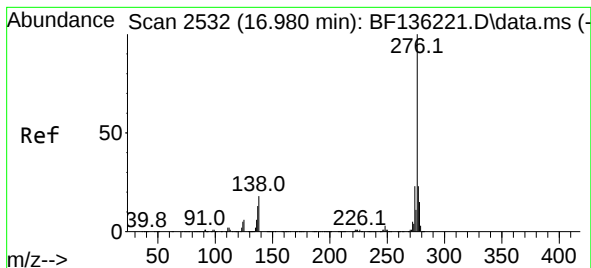
Tgt Ion:149 Resp: 214
Ion Ratio Lower Upper
149 100
167 97.2 1.0 1.6#
43 204.7 7.2 10.8#



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.474 min Scan# 2276
Delta R.T. 0.000 min
Lab File: BF136330.D
Acq: 01 Dec 2023 11:04

Tgt Ion:264 Resp: 246250
Ion Ratio Lower Upper
264 100
260 23.5 18.6 27.8
265 20.8 15.7 23.5





#87

Indeno(1,2,3-cd)pyrene

Concen: 2.807 ng

RT: 16.939 min Scan# 2525

Delta R.T. -0.041 min

Lab File: BF136330.D

Acq: 01 Dec 2023 11:04

Instrument :

BNA_F

ClientSampleId :

PB157140BL

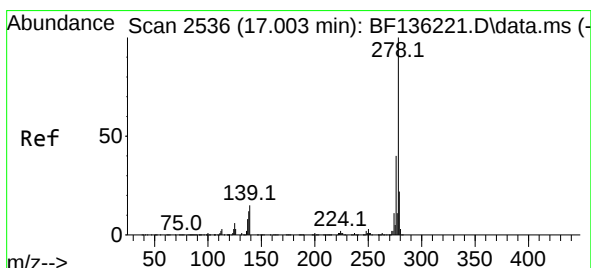
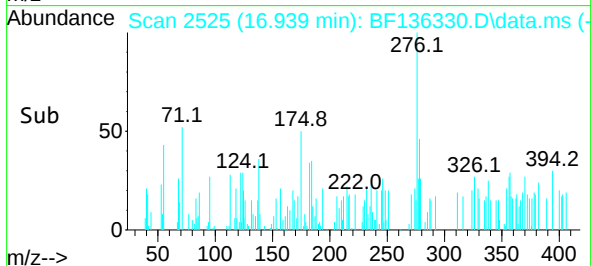
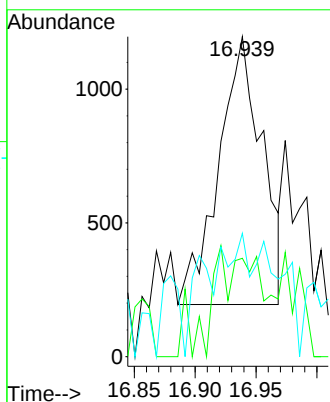
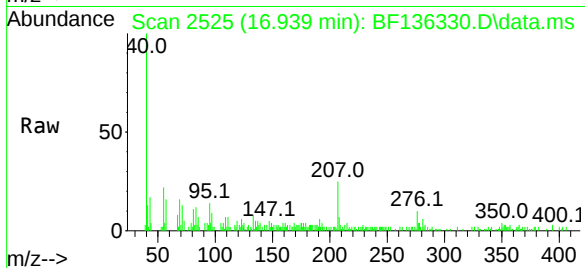
Tgt Ion:276 Resp: 2483

Ion Ratio Lower Upper

276 100

138 13.3 17.7 26.5#

277 10.2 19.6 29.4#



#91

Dibenzo(a,h)anthracene

Concen: 2.901 ng

RT: 16.962 min Scan# 2529

Delta R.T. -0.041 min

Lab File: BF136330.D

Acq: 01 Dec 2023 11:04

Tgt Ion:278 Resp: 2942

Ion Ratio Lower Upper

278 100

139 38.6 11.7 17.5#

279 33.2 17.8 26.8#

