

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120123\
 Data File : BF136333.D
 Acq On : 01 Dec 2023 12:40
 Operator : CG\JU
 Sample : PB157138BL
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB157138BL

Quant Time: Dec 04 05:57:05 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)

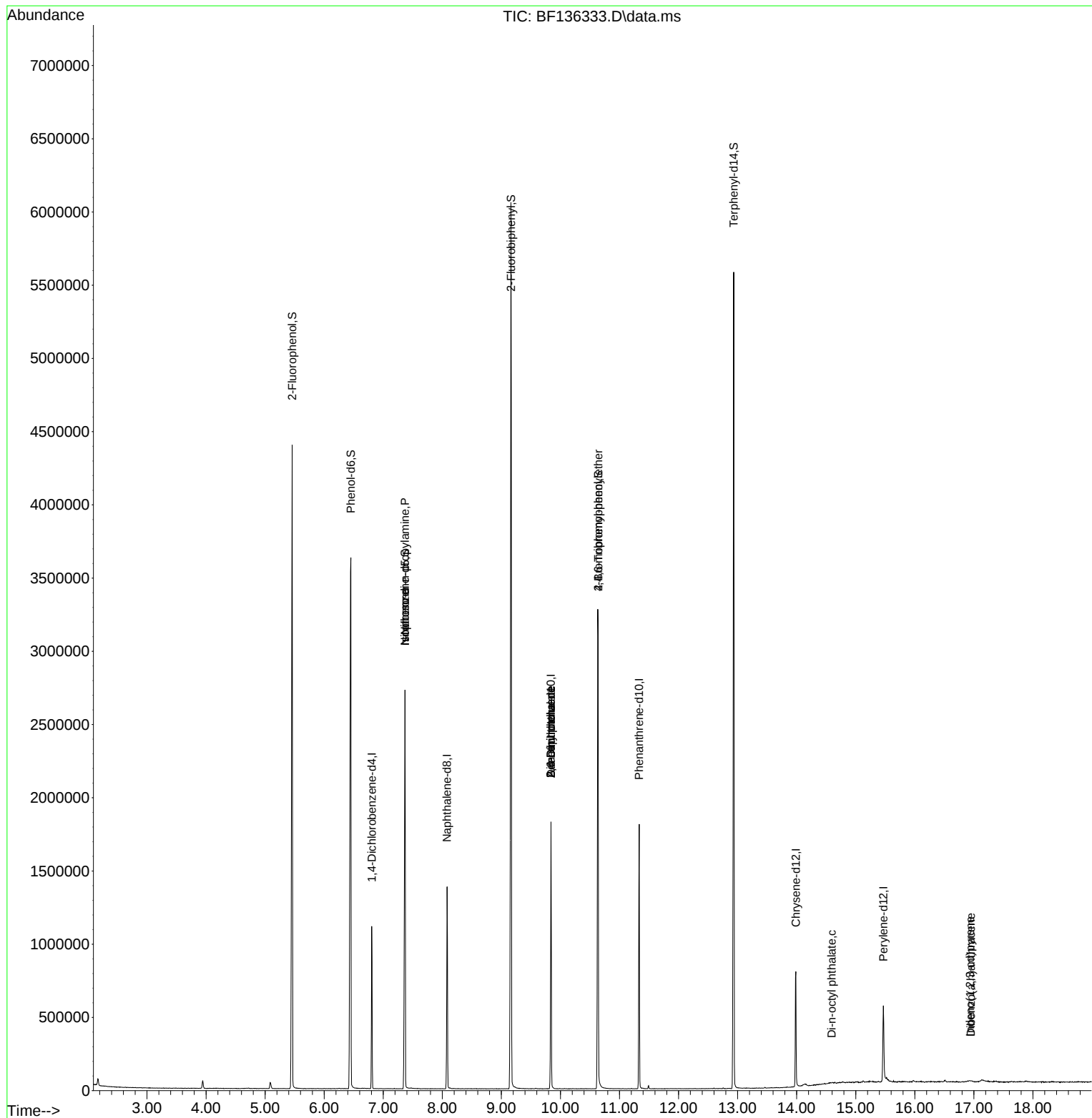
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.804	152	156391	20.000	ng	0.00
21) Naphthalene-d8	8.081	136	660052	20.000	ng	0.00
39) Acenaphthene-d10	9.839	164	340913	20.000	ng	0.00
64) Phenanthrene-d10	11.333	188	642849	20.000	ng	0.00
76) Chrysene-d12	13.986	240	286333	20.000	ng	0.00
86) Perylene-d12	15.468	264	278637	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.457	112	1360860	121.114	ng	0.02
7) Phenol-d6	6.451	99	1707681	121.549	ng	0.00
23) Nitrobenzene-d5	7.369	82	1039380	83.212	ng	0.00
42) 2,4,6-Tribromophenol	10.639	330	520645	124.916	ng	0.00
45) 2-Fluorobiphenyl	9.163	172	2185904	81.900	ng	0.00
79) Terphenyl-d14	12.933	244	2180672	87.848	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.369	70	137498	16.363	ng	# 76
25) Isophorone	7.369	82	1039371	46.148	ng	# 68
50) Dimethylphthalate	9.839	163	69336	2.691	ng	# 1
51) 2,6-Dinitrotoluene	9.839	165	40712	7.734	ng	# 24
57) 2,4-Dinitrotoluene	9.839	165	40712	5.790	ng	# 27
67) 4-Bromophenyl-phenylether	10.639	248	30000	4.000	ng	# 1
85) Di-n-octyl phthalate	14.592	149	256	5.174	ng	# 53
87) Indeno(1,2,3-cd)pyrene	16.939	276	5085	2.910	ng	# 66
91) Dibenzo(a,h)anthracene	16.951	278	4473	2.966	ng	# 50

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

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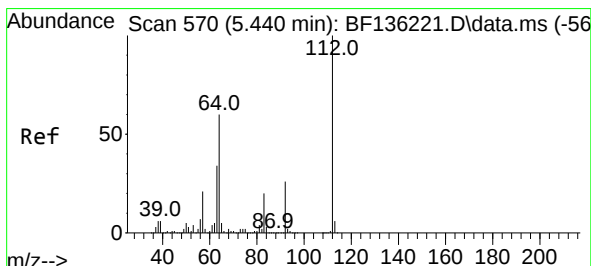
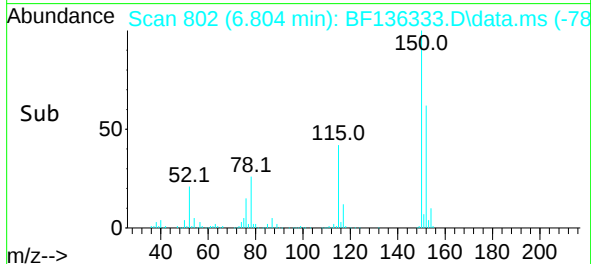
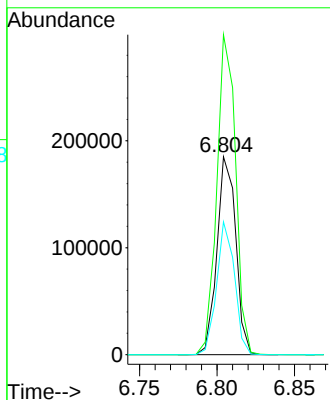
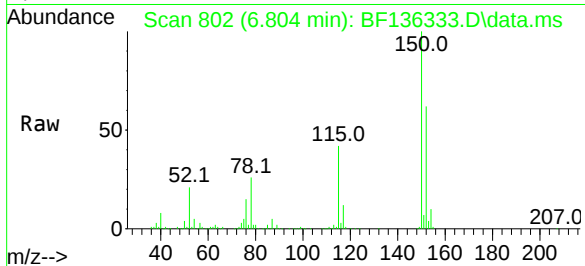




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.804 min Scan# 803
Delta R.T. -0.006 min
Lab File: BF136333.D
Acq: 01 Dec 2023 12:40

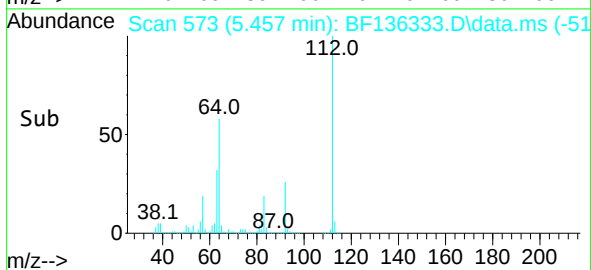
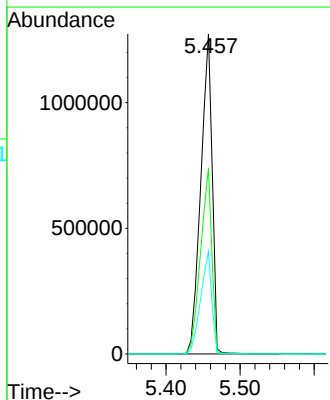
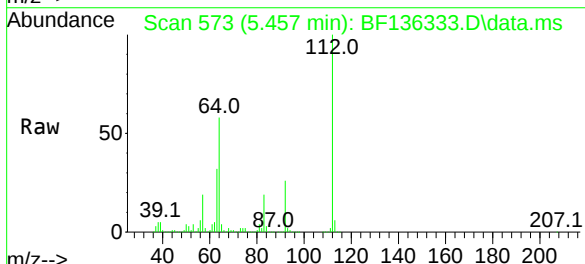
Instrument :
BNA_F
ClientSampleId :
PB157138BL

Tgt Ion:152 Resp: 156391
Ion Ratio Lower Upper
152 100
150 161.7 137.8 206.8
115 67.1 52.7 79.1



#5
2-Fluorophenol
Concen: 121.114 ng
RT: 5.457 min Scan# 573
Delta R.T. 0.018 min
Lab File: BF136333.D
Acq: 01 Dec 2023 12:40

Tgt Ion:112 Resp: 1360860
Ion Ratio Lower Upper
112 100
64 58.2 48.2 72.4
63 32.1 27.0 40.6

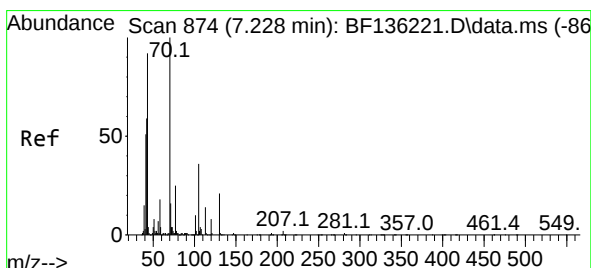
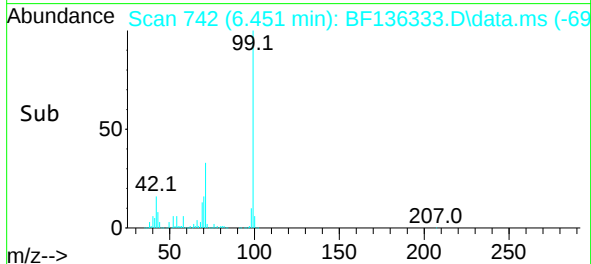
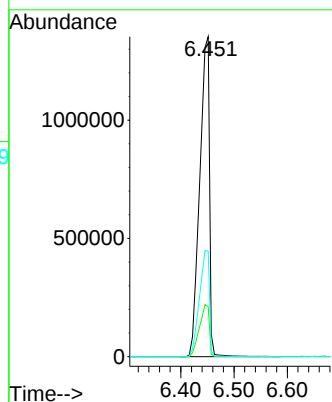
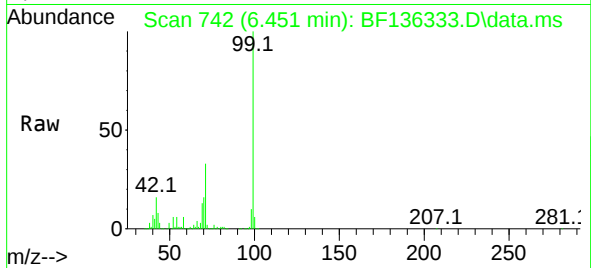




#7
Phenol-d6
Concen: 121.549 ng
RT: 6.451 min Scan# 741
Delta R.T. 0.006 min
Lab File: BF136333.D
Acq: 01 Dec 2023 12:40

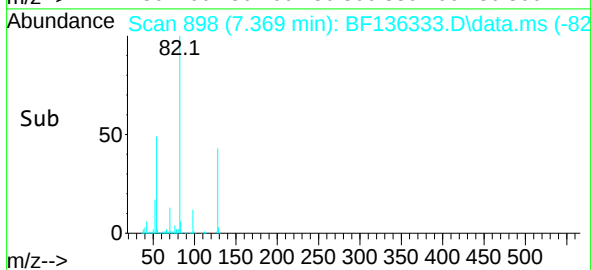
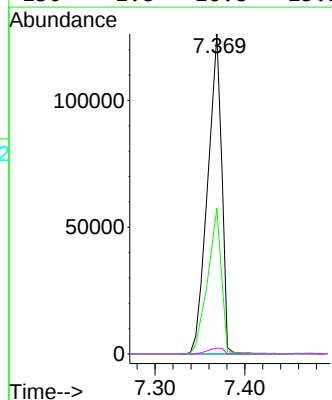
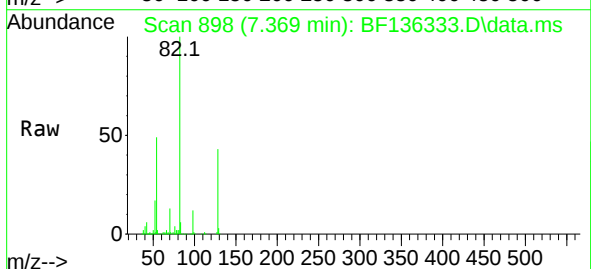
Instrument :
BNA_F
ClientSampleId :
PB157138BL

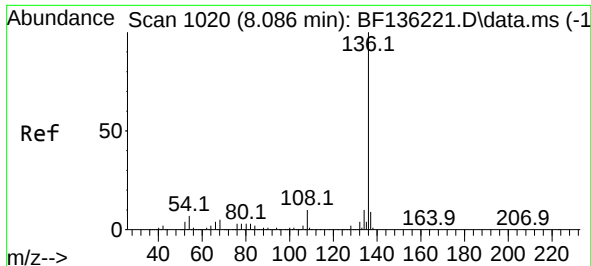
Tgt Ion: 99 Resp: 1707681
Ion Ratio Lower Upper
99 100
42 15.6 15.0 22.6
71 33.0 28.9 43.3



#19
n-Nitroso-di-n-propylamine
Concen: 16.363 ng
RT: 7.369 min Scan# 898
Delta R.T. 0.141 min
Lab File: BF136333.D
Acq: 01 Dec 2023 12:40

Tgt Ion: 70 Resp: 137498
Ion Ratio Lower Upper
70 100
42 45.6 47.0 70.4#
101 0.0 7.8 11.8#
130 1.8 16.8 25.2#

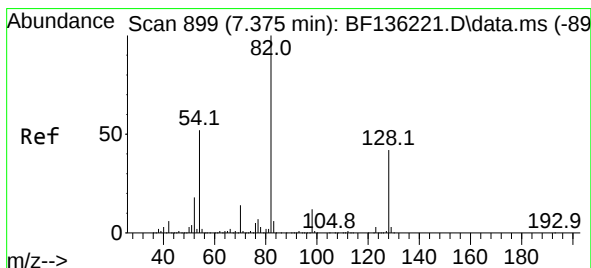
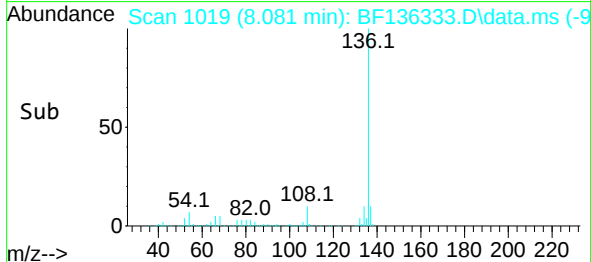
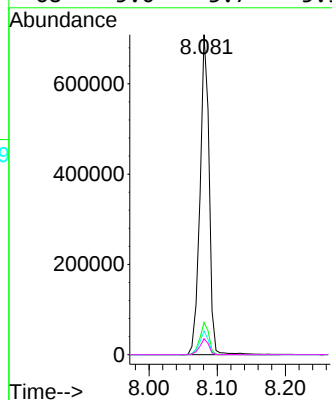
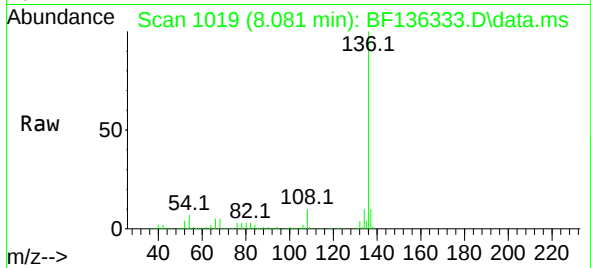




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.081 min Scan# 1019
Delta R.T. -0.006 min
Lab File: BF136333.D
Acq: 01 Dec 2023 12:40

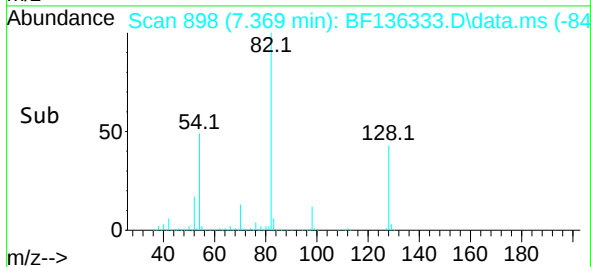
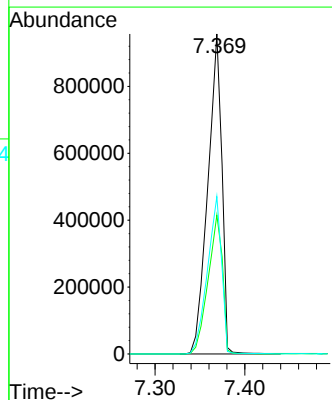
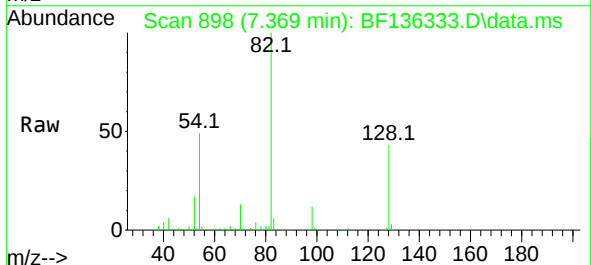
Instrument :
BNA_F
ClientSampleId :
PB157138BL

Tgt Ion:136 Resp: 660052
Ion Ratio Lower Upper
136 100
137 10.1 7.4 11.2
54 7.4 5.5 8.3
68 5.0 3.7 5.5



#23
Nitrobenzene-d5
Concen: 83.212 ng
RT: 7.369 min Scan# 898
Delta R.T. -0.006 min
Lab File: BF136333.D
Acq: 01 Dec 2023 12:40

Tgt Ion: 82 Resp: 1039380
Ion Ratio Lower Upper
82 100
128 43.4 33.4 50.2
54 49.2 41.7 62.5

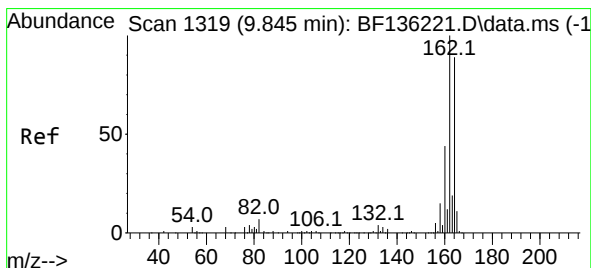
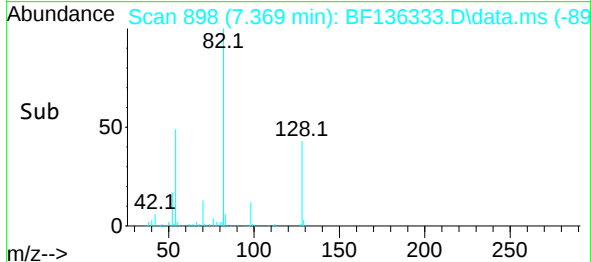
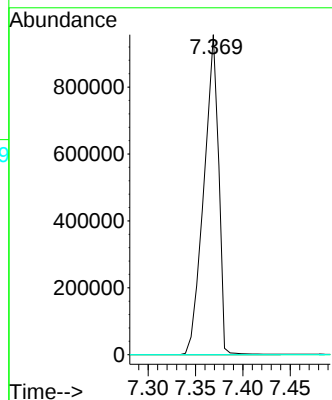
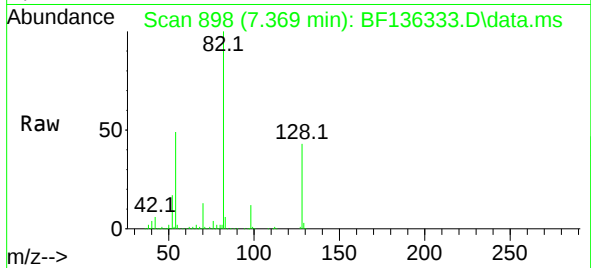




#25
Isophorone
Concen: 46.148 ng
RT: 7.369 min Scan# 89
Delta R.T. -0.259 min
Lab File: BF136333.D
Acq: 01 Dec 2023 12:40

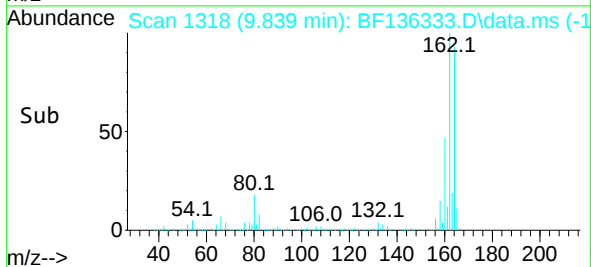
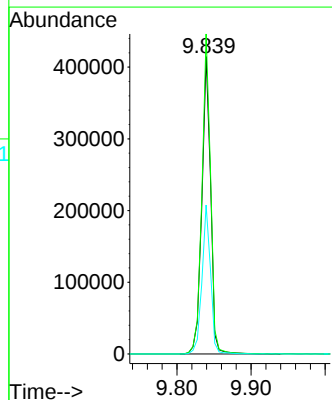
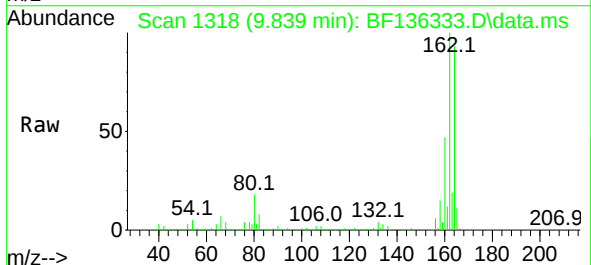
Instrument :
BNA_F
ClientSampleId :
PB157138BL

Tgt Ion: 82 Resp: 1039371
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: BF136333.D
Acq: 01 Dec 2023 12:40

Tgt Ion:164 Resp: 340913
Ion Ratio Lower Upper
164 100
162 107.6 89.5 134.3
160 50.1 39.6 59.4





#42

2,4,6-Tribromophenol

Concen: 124.916 ng

RT: 10.639 min Scan# 1454

Delta R.T. 0.000 min

Lab File: BF136333.D

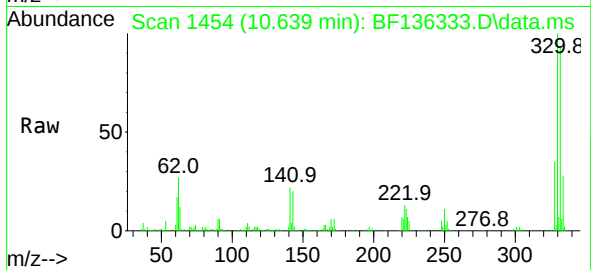
Acq: 01 Dec 2023 12:40

Instrument :

BNA_F

ClientSampleId :

PB157138BL



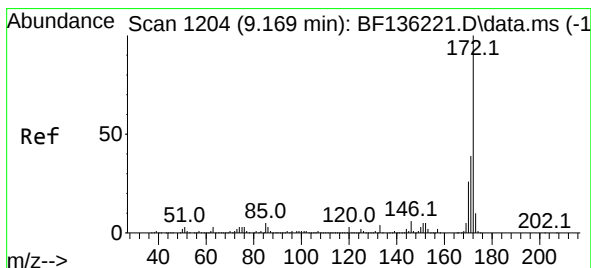
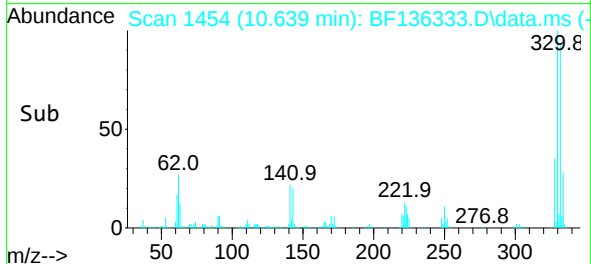
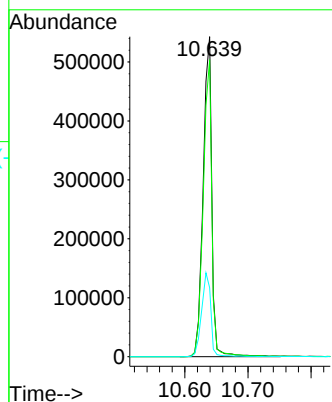
Tgt Ion:330 Resp: 520645

Ion Ratio Lower Upper

330 100

332 92.6 73.0 109.6

141 27.9 24.2 36.2



#45

2-Fluorobiphenyl

Concen: 81.900 ng

RT: 9.163 min Scan# 1203

Delta R.T. -0.006 min

Lab File: BF136333.D

Acq: 01 Dec 2023 12:40

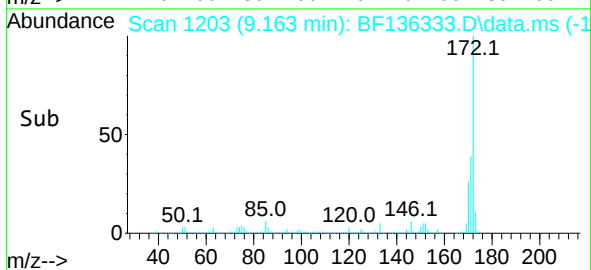
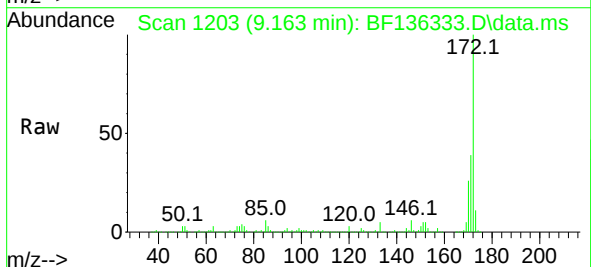
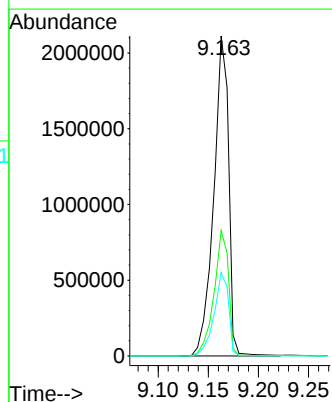
Tgt Ion:172 Resp: 2185904

Ion Ratio Lower Upper

172 100

171 39.2 31.5 47.3

170 26.1 20.8 31.2

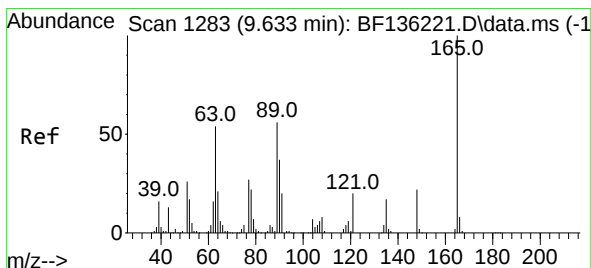
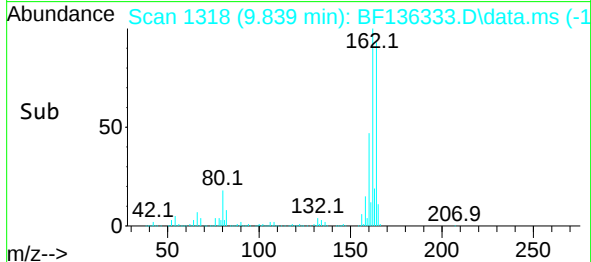
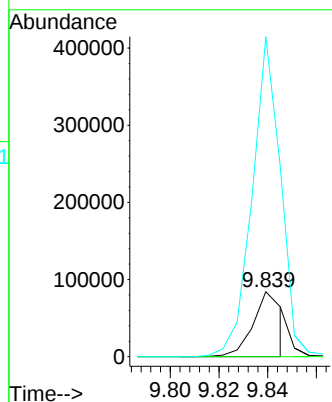
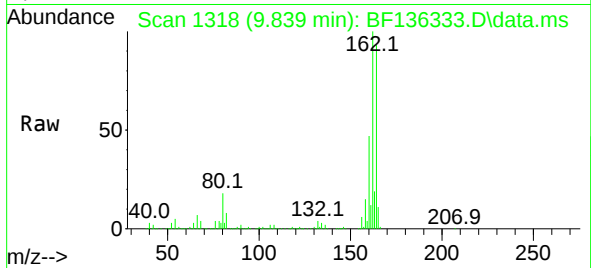




#50
Dimethylphthalate
Concen: 2.691 ng
RT: 9.839 min Scan# 1318
Delta R.T. 0.265 min
Lab File: BF136333.D
Acq: 01 Dec 2023 12:40

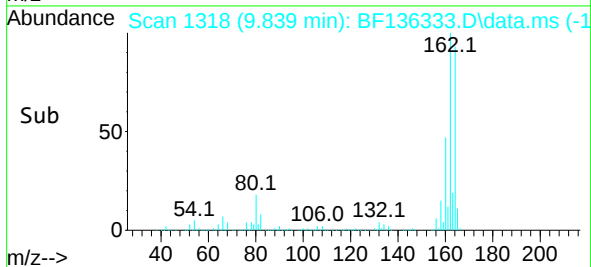
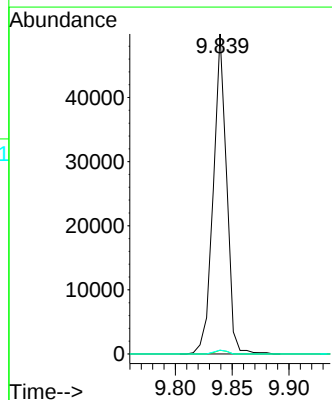
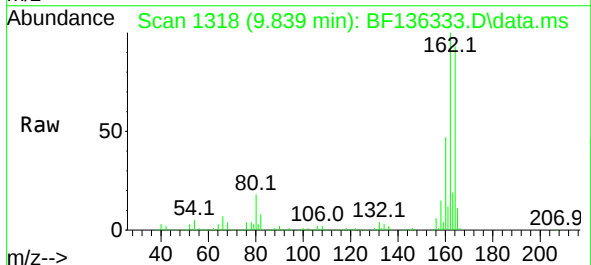
Instrument :
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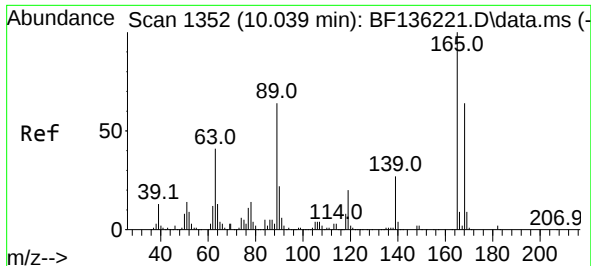
Tgt Ion:163 Resp: 69336
Ion Ratio Lower Upper
163 100
194 0.0 2.5 3.7#
164 492.3 7.0 10.6#



#51
2,6-Dinitrotoluene
Concen: 7.734 ng
RT: 9.839 min Scan# 1318
Delta R.T. 0.206 min
Lab File: BF136333.D
Acq: 01 Dec 2023 12:40

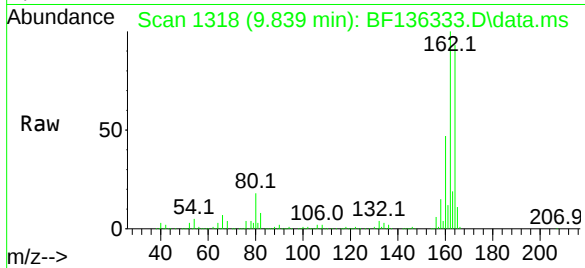
Tgt Ion:165 Resp: 40712
Ion Ratio Lower Upper
165 100
63 1.2 46.2 69.2#
89 1.2 44.9 67.3#



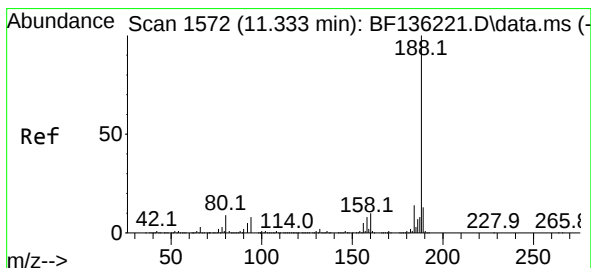
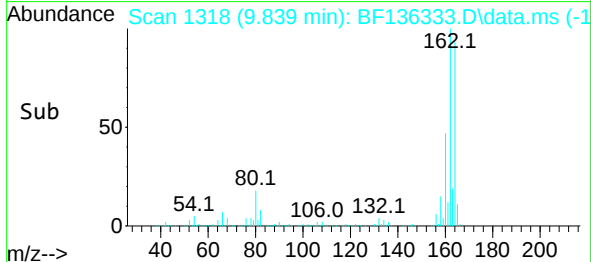
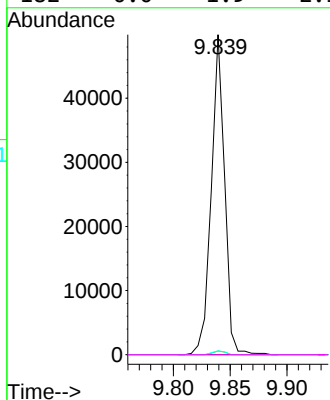


#57
2,4-Dinitrotoluene
Concen: 5.790 ng
RT: 9.839 min Scan# 1318
Delta R.T. -0.200 min
Lab File: BF136333.D
Acq: 01 Dec 2023 12:40

Instrument :
BNA_F
ClientSampleId :
PB157138BL

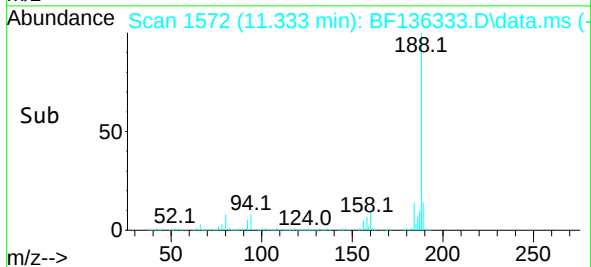
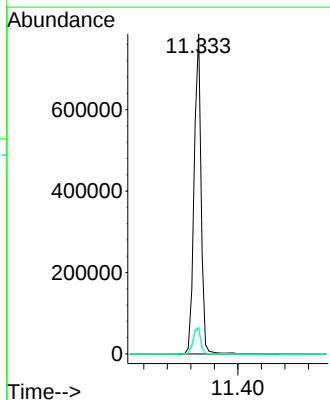
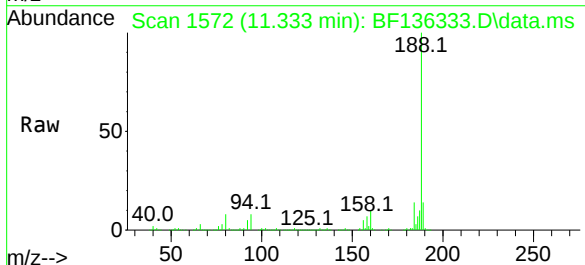


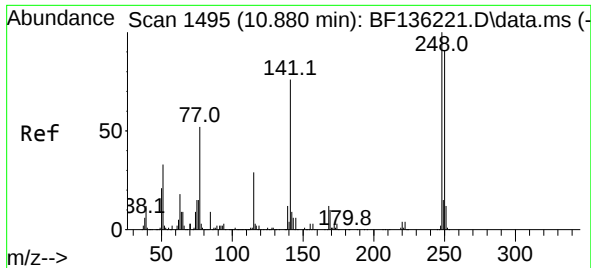
Tgt Ion:165 Resp: 40712
Ion Ratio Lower Upper
165 100
63 1.2 33.0 49.4#
89 1.2 51.5 77.3#
182 0.0 1.9 2.9#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.333 min Scan# 1572
Delta R.T. 0.000 min
Lab File: BF136333.D
Acq: 01 Dec 2023 12:40

Tgt Ion:188 Resp: 642849
Ion Ratio Lower Upper
188 100
94 7.9 6.7 10.1
80 8.3 7.2 10.8

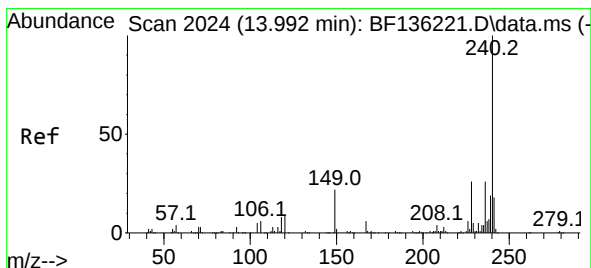
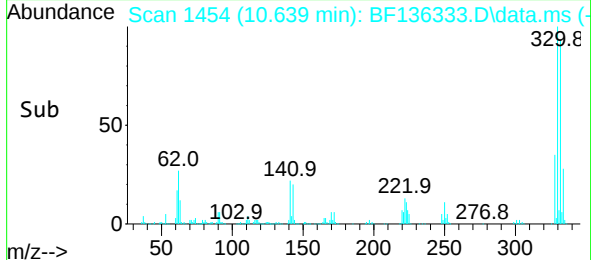
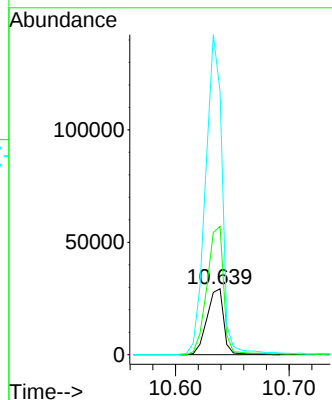
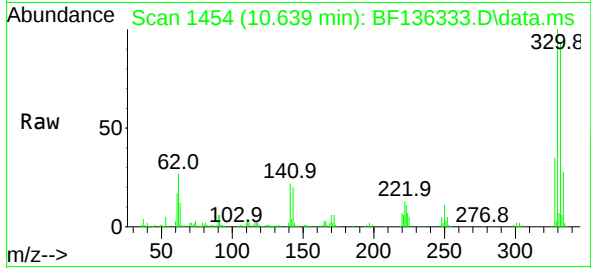




#67
4-Bromophenyl-phenylether
Concen: 4.000 ng
RT: 10.639 min Scan# 1495
Delta R.T. -0.241 min
Lab File: BF136333.D
Acq: 01 Dec 2023 12:40

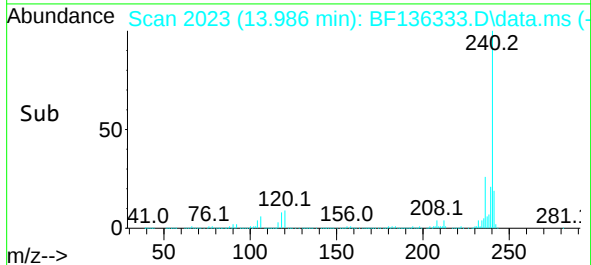
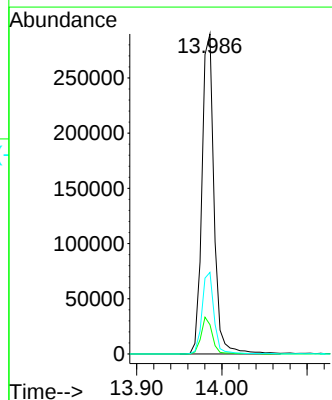
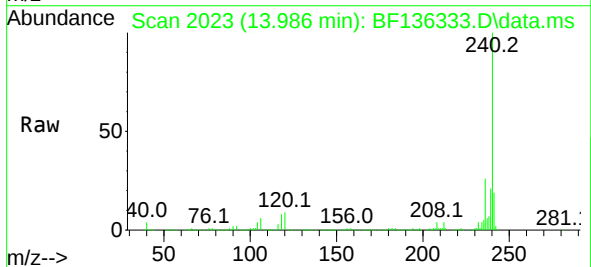
Instrument :
BNA_F
ClientSampleId :
PB157138BL

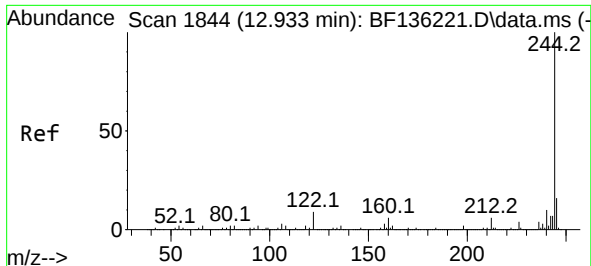
Tgt Ion:248 Resp: 30000
Ion Ratio Lower Upper
248 100
250 194.5 72.5 108.7#
141 398.8 60.8 91.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.986 min Scan# 2023
Delta R.T. -0.006 min
Lab File: BF136333.D
Acq: 01 Dec 2023 12:40

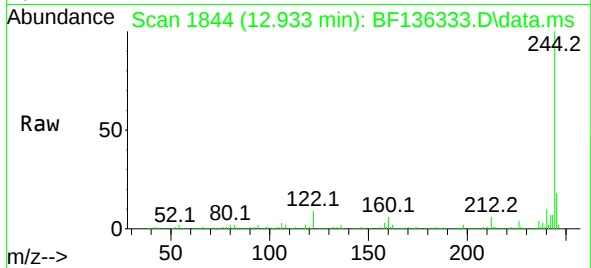
Tgt Ion:240 Resp: 286333
Ion Ratio Lower Upper
240 100
120 9.1 7.4 11.2
236 25.5 21.1 31.7



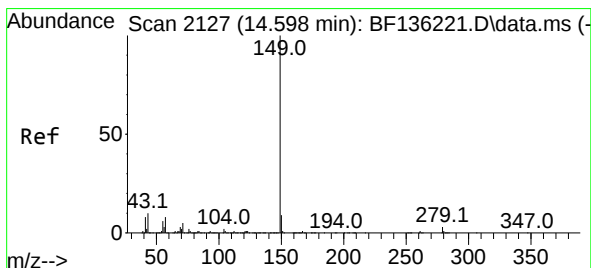
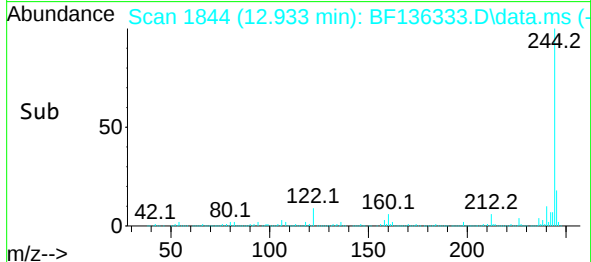
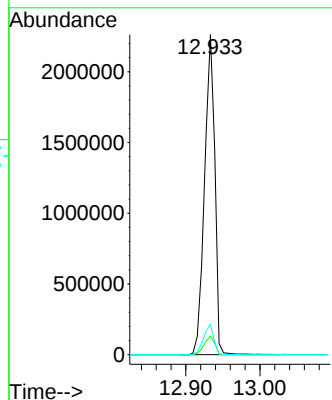


#79
 Terphenyl-d14
 Concen: 87.848 ng
 RT: 12.933 min Scan# 1844
 Delta R.T. 0.000 min
 Lab File: BF136333.D
 Acq: 01 Dec 2023 12:40

Instrument :
 BNA_F
 ClientSampleId :
 PB157138BL

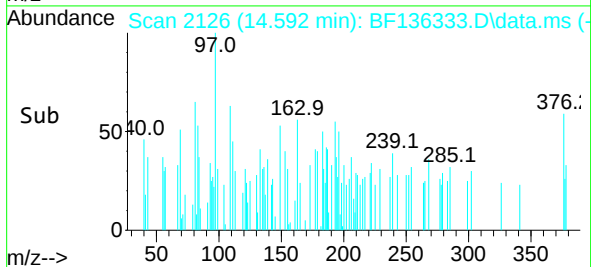
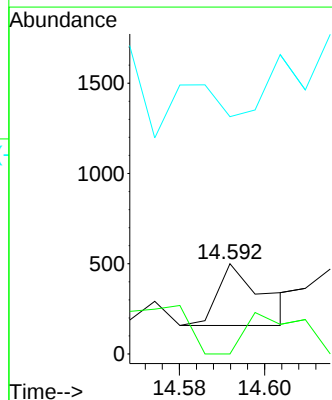
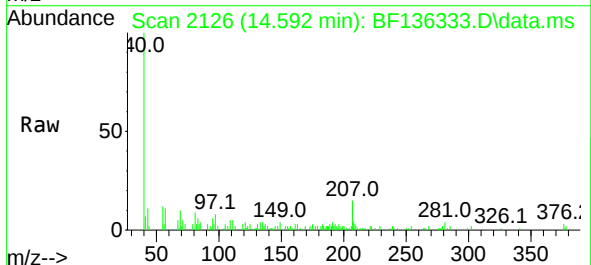


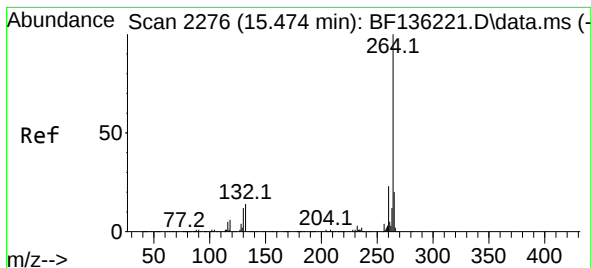
Tgt Ion:244 Resp: 2180672
 Ion Ratio Lower Upper
 244 100
 212 5.9 4.6 7.0
 122 9.4 7.3 10.9



#85
 Di-n-octyl phthalate
 Concen: 5.174 ng
 RT: 14.592 min Scan# 2126
 Delta R.T. -0.006 min
 Lab File: BF136333.D
 Acq: 01 Dec 2023 12:40

Tgt Ion:149 Resp: 256
 Ion Ratio Lower Upper
 149 100
 167 80.9 1.0 1.6#
 43 0.0 7.2 10.8#





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.468 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF136333.D

Acq: 01 Dec 2023 12:40

Instrument :

BNA_F

ClientSampleId :

PB157138BL

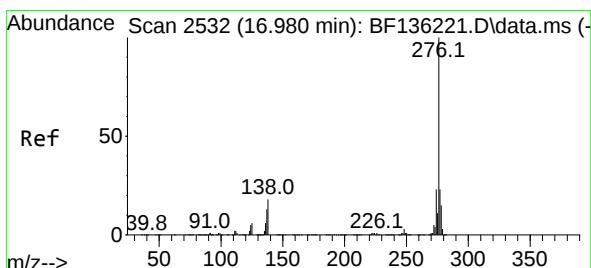
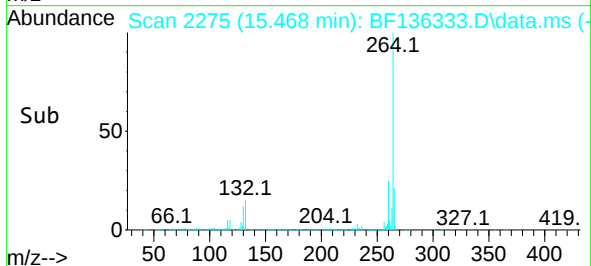
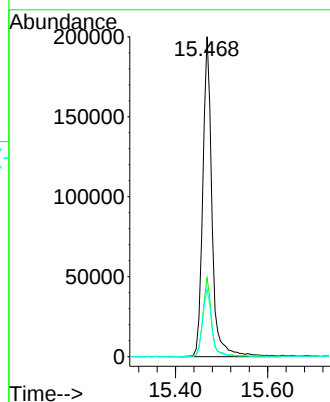
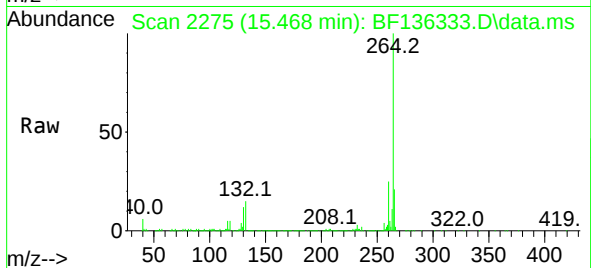
Tgt Ion:264 Resp: 278637

Ion Ratio Lower Upper

264 100

260 24.7 18.6 27.8

265 21.0 15.7 23.5



#87

Indeno(1,2,3-cd)pyrene

Concen: 2.910 ng

RT: 16.939 min Scan# 2525

Delta R.T. -0.041 min

Lab File: BF136333.D

Acq: 01 Dec 2023 12:40

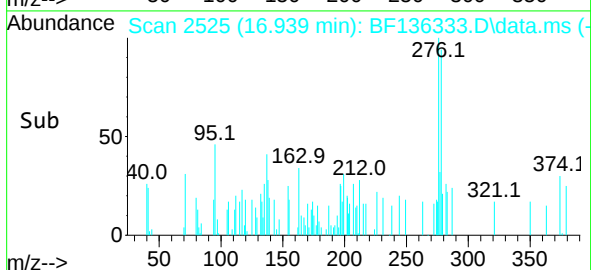
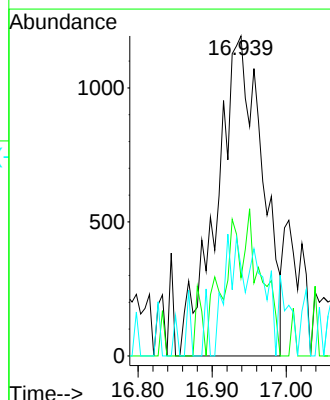
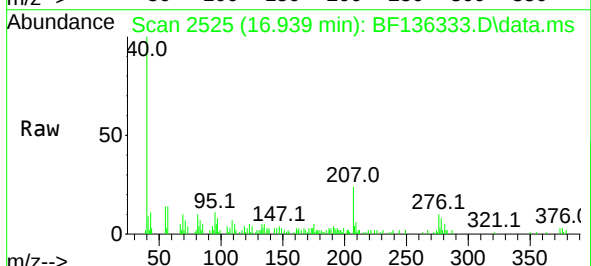
Tgt Ion:276 Resp: 5085

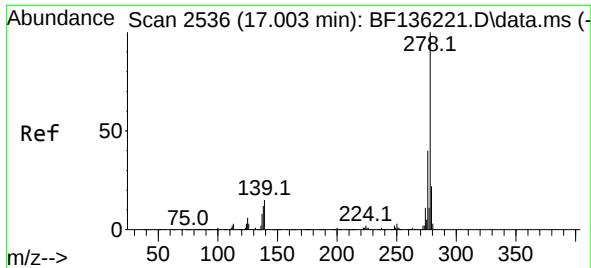
Ion Ratio Lower Upper

276 100

138 0.0 17.7 26.5#

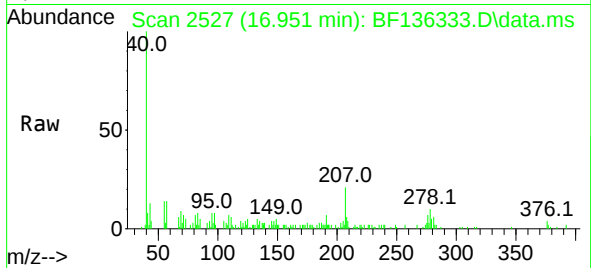
277 12.8 19.6 29.4#





#91
 Dibenzo(a,h)anthracene
 Concen: 2.966 ng
 RT: 16.951 min Scan# 21
 Delta R.T. -0.052 min
 Lab File: BF136333.D
 Acq: 01 Dec 2023 12:40

Instrument :
 BNA_F
 ClientSampleId :
 PB157138BL



Tgt Ion:278 Resp: 4473
 Ion Ratio Lower Upper
 278 100
 139 31.7 11.7 17.5#
 279 48.7 17.8 26.8#

