

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120123\
 Data File : BF136335.D
 Acq On : 01 Dec 2023 13:44
 Operator : CG\JU
 Sample : PB157087BL
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB157087BL

Quant Time: Dec 04 05:58:08 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)

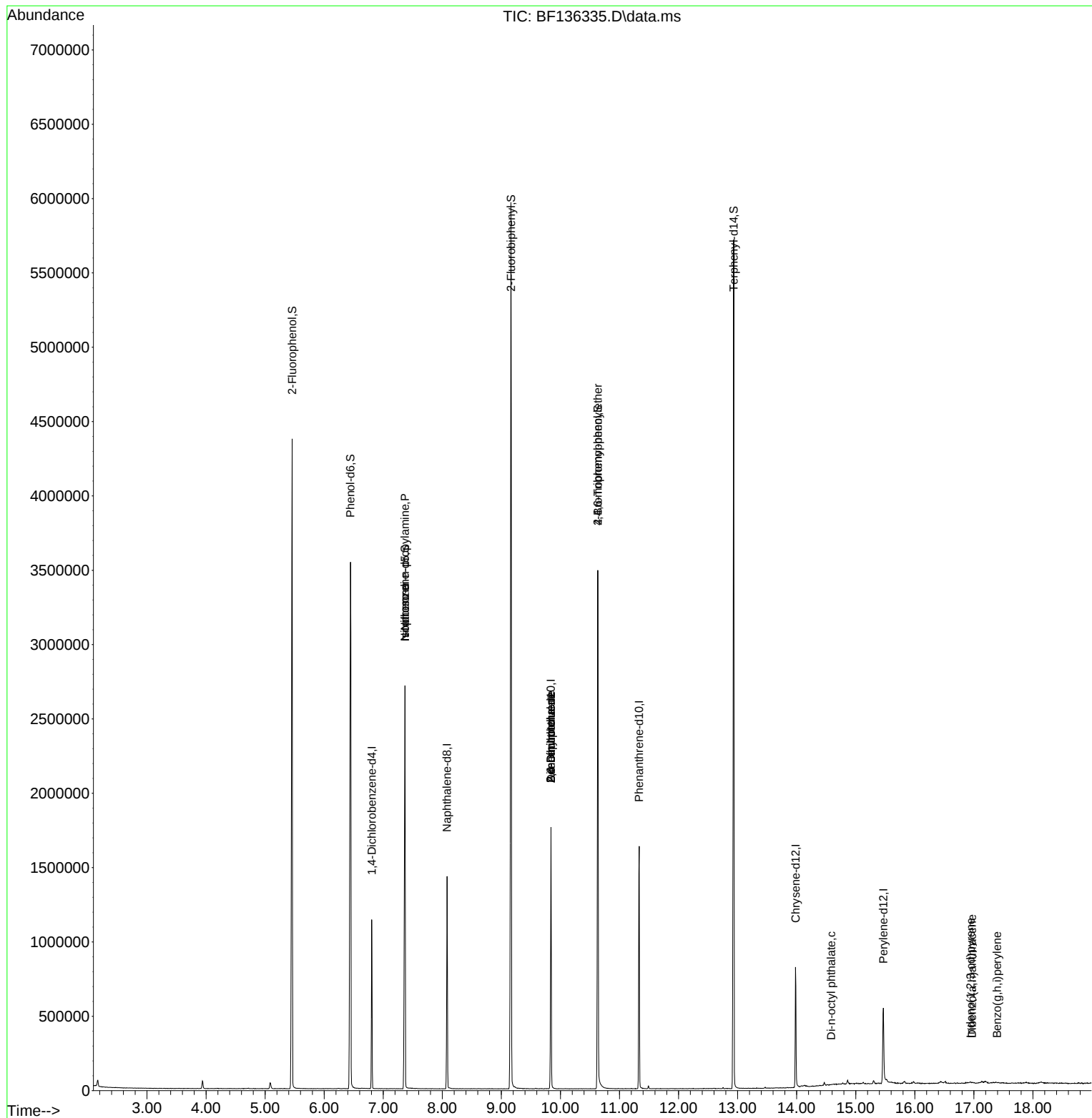
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.804	152	154116	20.000	ng	0.00
21) Naphthalene-d8	8.081	136	652249	20.000	ng	0.00
39) Acenaphthene-d10	9.839	164	332029	20.000	ng	0.00
64) Phenanthrene-d10	11.333	188	630032	20.000	ng	0.00
76) Chrysene-d12	13.980	240	287405	20.000	ng	#-0.01
86) Perylene-d12	15.468	264	277872	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.457	112	1336507	120.702	ng	0.02
7) Phenol-d6	6.445	99	1695196	122.441	ng	0.00
23) Nitrobenzene-d5	7.369	82	1027370	83.234	ng	0.00
42) 2,4,6-Tribromophenol	10.633	330	509830	125.595	ng	0.00
45) 2-Fluorobiphenyl	9.163	172	2151174	82.755	ng	0.00
79) Terphenyl-d14	12.933	244	2164893	86.887	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.369	70	135581	16.374	ng	# 73
25) Isophorone	7.369	82	1027353	46.160	ng	# 68
50) Dimethylphthalate	9.839	163	66642	2.656	ng	# 1
51) 2,6-Dinitrotoluene	9.839	165	41716	8.137	ng	# 24
57) 2,4-Dinitrotoluene	9.839	165	41717	6.092	ng	# 28
67) 4-Bromophenyl-phenylether	10.633	248	28629	3.895	ng	# 1
85) Di-n-octyl phthalate	14.586	149	190	5.171	ng	# 59
87) Indeno(1,2,3-cd)pyrene	16.945	276	4247	2.872	ng	# 55
91) Dibenzo(a,h)anthracene	16.968	278	2637	2.863	ng	# 55
92) Benzo(g,h,i)perylene	17.392	276	3492	2.101	ng	97

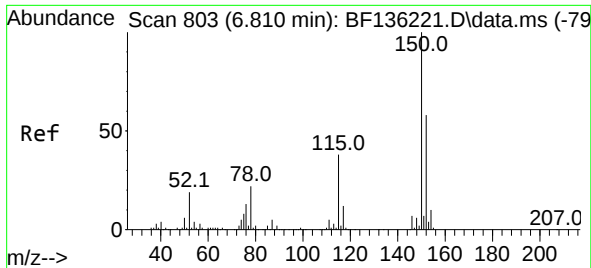
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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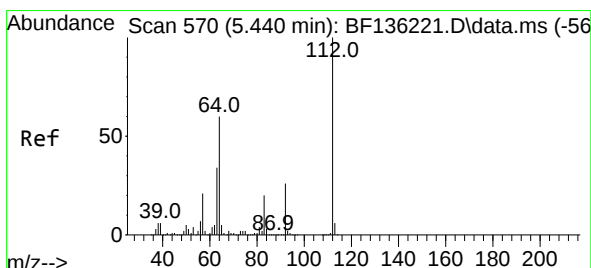
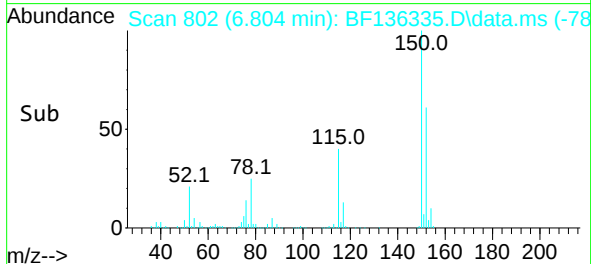
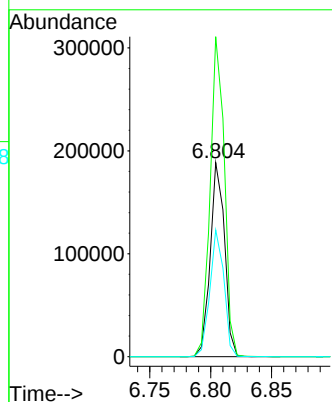
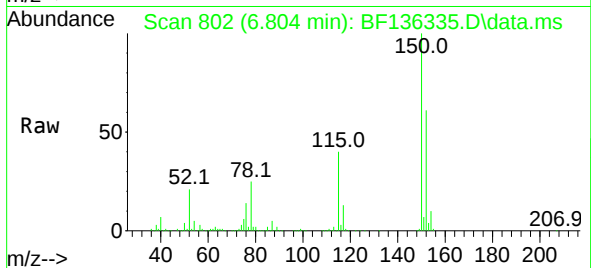




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.804 min Scan# 803
Delta R.T. -0.006 min
Lab File: BF136335.D
Acq: 01 Dec 2023 13:44

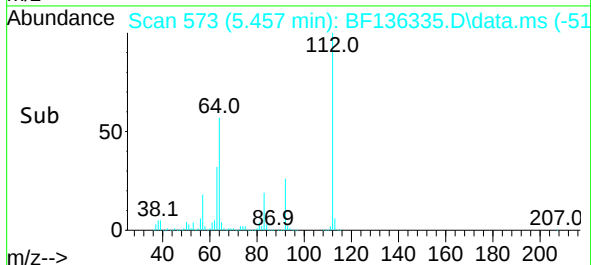
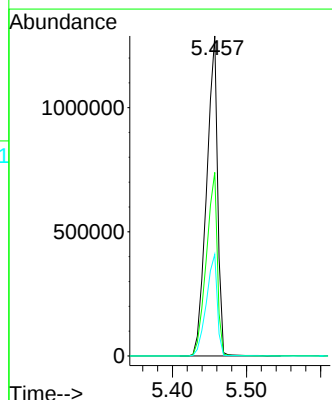
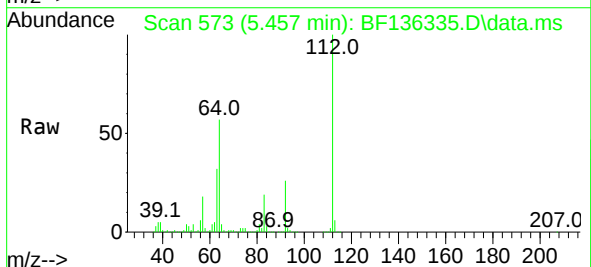
Instrument :
BNA_F
ClientSampleId :
PB157087BL

Tgt Ion:152 Resp: 154116
Ion Ratio Lower Upper
152 100
150 164.8 137.8 206.8
115 65.3 52.7 79.1



#5
2-Fluorophenol
Concen: 120.702 ng
RT: 5.457 min Scan# 573
Delta R.T. 0.018 min
Lab File: BF136335.D
Acq: 01 Dec 2023 13:44

Tgt Ion:112 Resp: 1336507
Ion Ratio Lower Upper
112 100
64 57.4 48.2 72.4
63 31.8 27.0 40.6

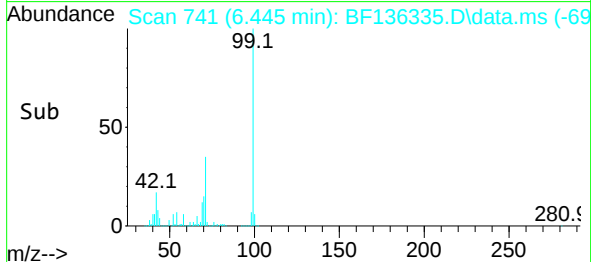
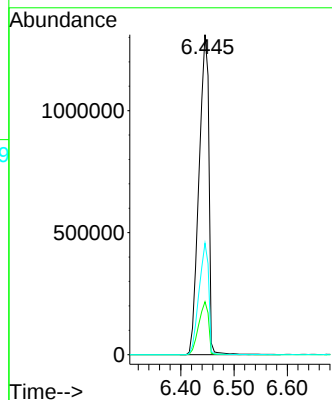
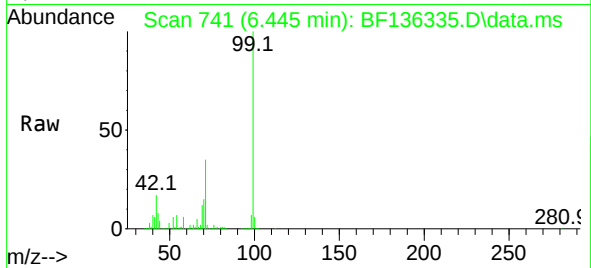




#7
Phenol-d6
Concen: 122.441 ng
RT: 6.445 min Scan# 741
Delta R.T. 0.000 min
Lab File: BF136335.D
Acq: 01 Dec 2023 13:44

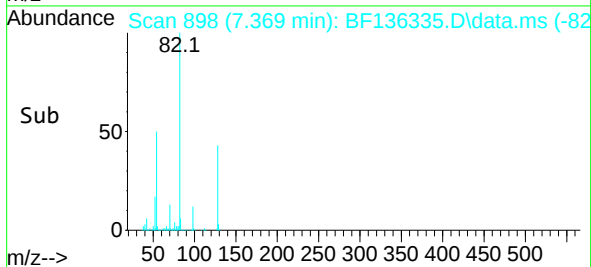
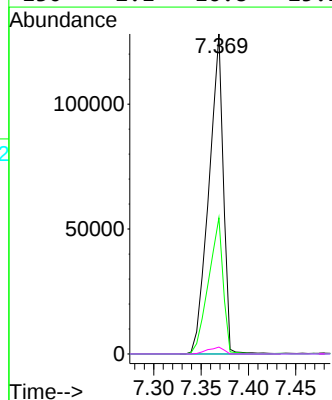
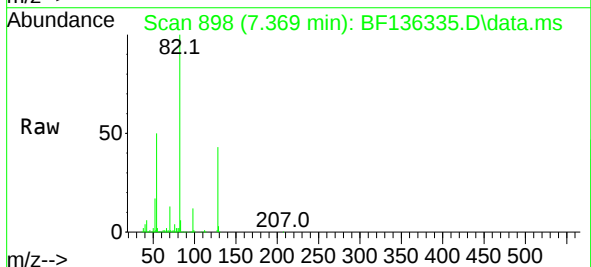
Instrument :
BNA_F
ClientSampleId :
PB157087BL

Tgt Ion: 99 Resp: 1695196
Ion Ratio Lower Upper
99 100
42 16.5 15.0 22.6
71 34.8 28.9 43.3



#19
n-Nitroso-di-n-propylamine
Concen: 16.374 ng
RT: 7.369 min Scan# 898
Delta R.T. 0.141 min
Lab File: BF136335.D
Acq: 01 Dec 2023 13:44

Tgt Ion: 70 Resp: 135581
Ion Ratio Lower Upper
70 100
42 42.6 47.0 70.4#
101 0.0 7.8 11.8#
130 2.1 16.8 25.2#

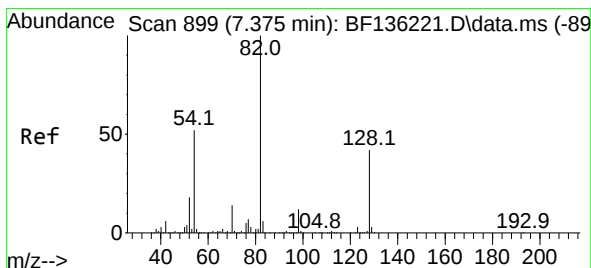
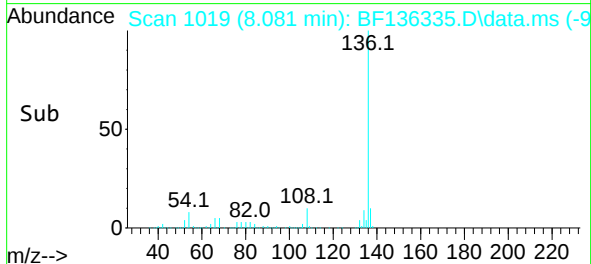
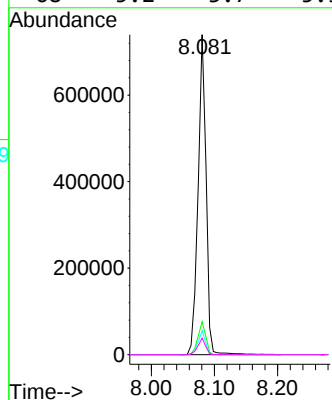
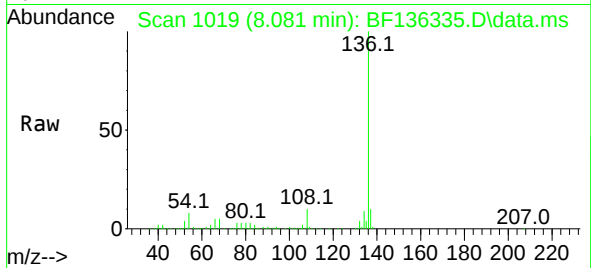




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.081 min Scan# 1020
Delta R.T. -0.006 min
Lab File: BF136335.D
Acq: 01 Dec 2023 13:44

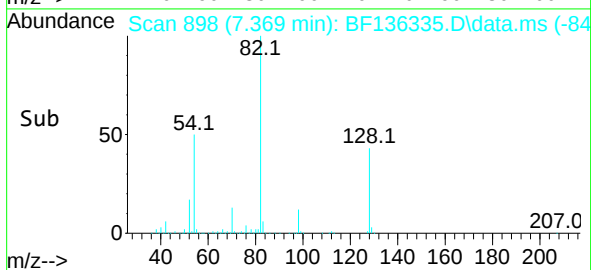
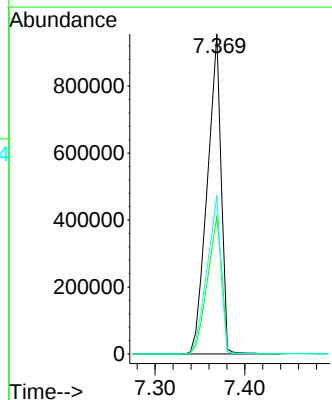
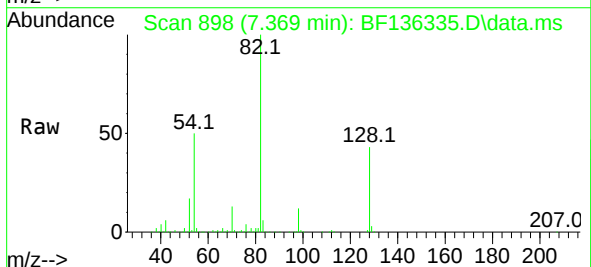
Instrument :
BNA_F
ClientSampleId :
PB157087BL

Tgt Ion:136 Resp: 652249
Ion Ratio Lower Upper
136 100
137 10.3 7.4 11.2
54 7.5 5.5 8.3
68 5.2 3.7 5.5



#23
Nitrobenzene-d5
Concen: 83.234 ng
RT: 7.369 min Scan# 898
Delta R.T. -0.006 min
Lab File: BF136335.D
Acq: 01 Dec 2023 13:44

Tgt Ion: 82 Resp: 1027370
Ion Ratio Lower Upper
82 100
128 43.0 33.4 50.2
54 49.5 41.7 62.5

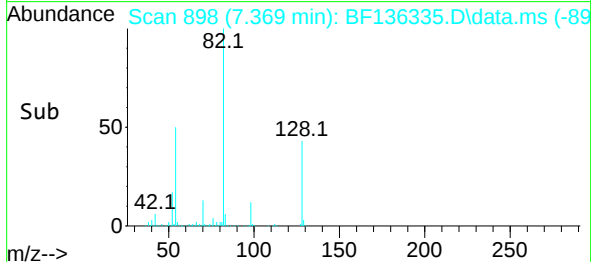
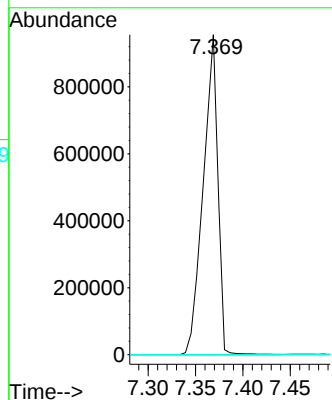
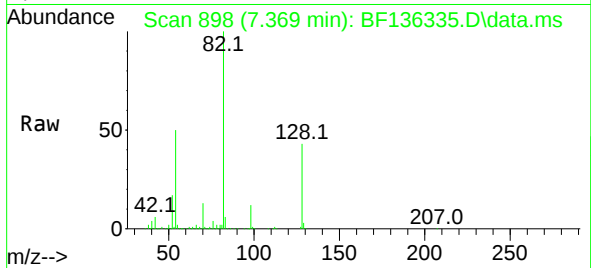




#25
Isophorone
Concen: 46.160 ng
RT: 7.369 min Scan# 89
Delta R.T. -0.259 min
Lab File: BF136335.D
Acq: 01 Dec 2023 13:44

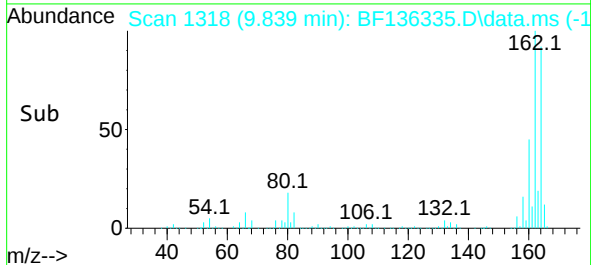
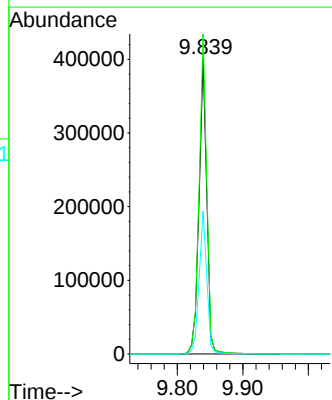
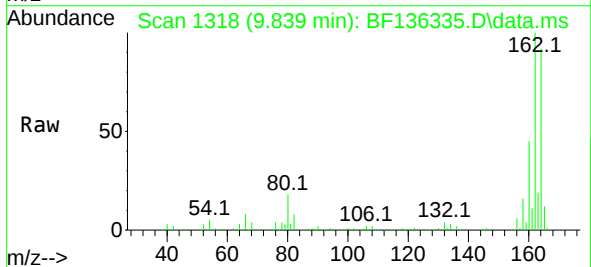
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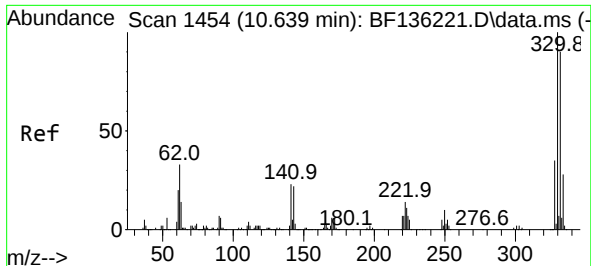
Tgt Ion: 82 Resp: 1027353
Ion Ratio Lower Upper
82 100
95 0.0 5.5 8.3#
138 0.0 12.8 19.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.839 min Scan# 1318
Delta R.T. -0.006 min
Lab File: BF136335.D
Acq: 01 Dec 2023 13:44

Tgt Ion:164 Resp: 332029
Ion Ratio Lower Upper
164 100
162 108.3 89.5 134.3
160 48.3 39.6 59.4





#42

2,4,6-Tribromophenol

Concen: 125.595 ng

RT: 10.633 min Scan# 1454

Delta R.T. -0.006 min

Lab File: BF136335.D

Acq: 01 Dec 2023 13:44

Instrument :

BNA_F

ClientSampleId :

PB157087BL

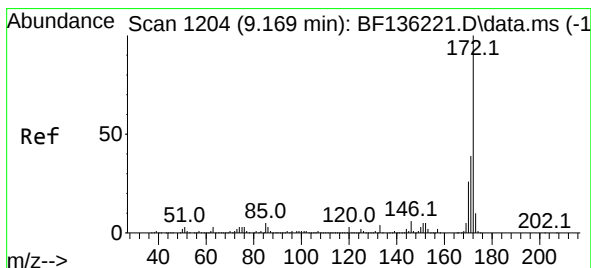
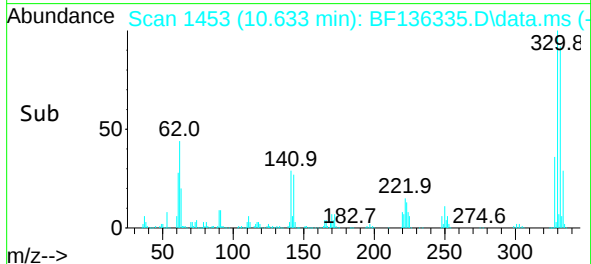
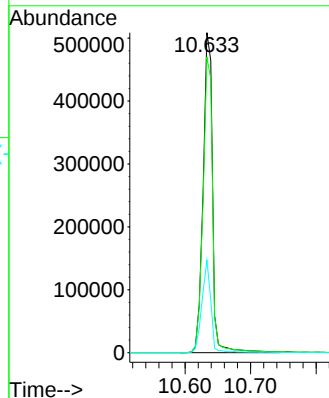
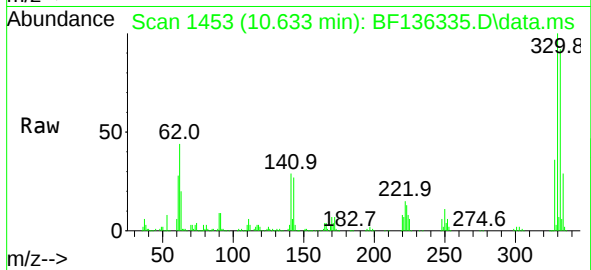
Tgt Ion:330 Resp: 509830

Ion Ratio Lower Upper

330 100

332 94.4 73.0 109.6

141 28.0 24.2 36.2



#45

2-Fluorobiphenyl

Concen: 82.755 ng

RT: 9.163 min Scan# 1203

Delta R.T. -0.006 min

Lab File: BF136335.D

Acq: 01 Dec 2023 13:44

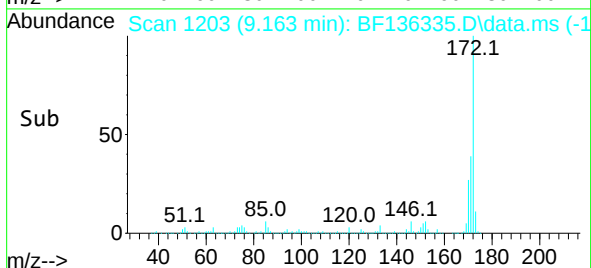
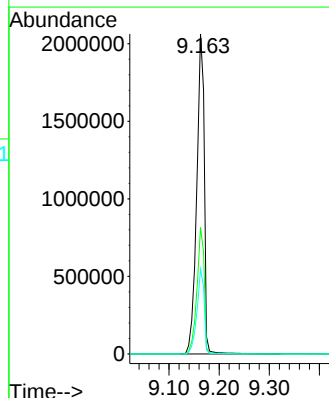
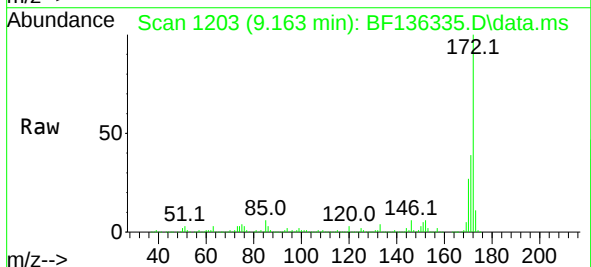
Tgt Ion:172 Resp: 2151174

Ion Ratio Lower Upper

172 100

171 39.5 31.5 47.3

170 26.5 20.8 31.2

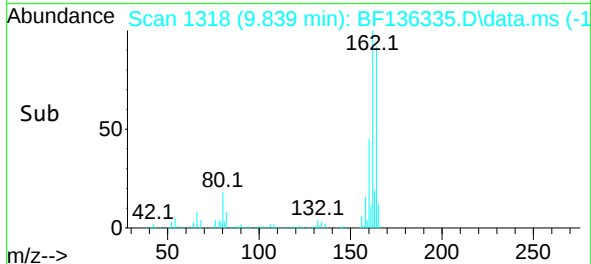
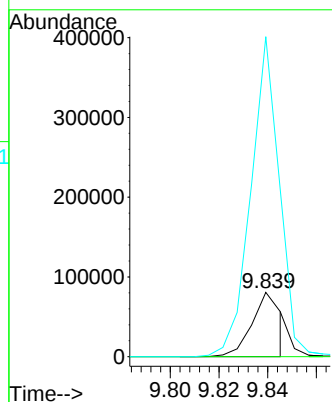
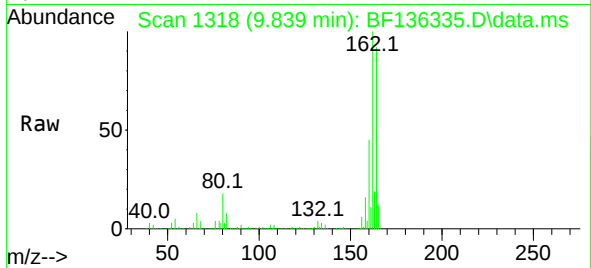




#50
Dimethylphthalate
Concen: 2.656 ng
RT: 9.839 min Scan# 1318
Delta R.T. 0.265 min
Lab File: BF136335.D
Acq: 01 Dec 2023 13:44

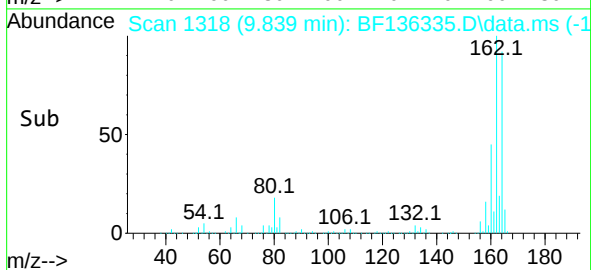
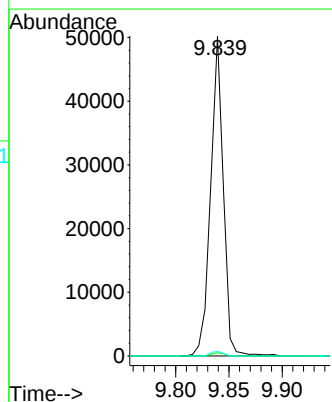
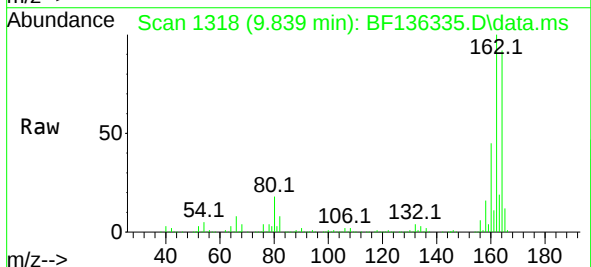
Instrument :
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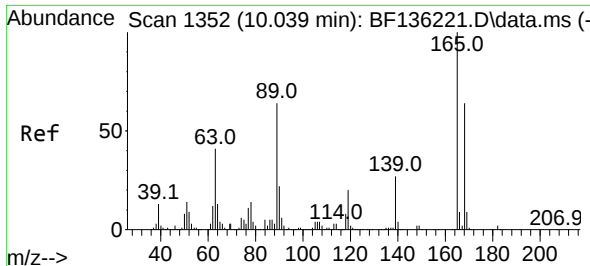
Tgt Ion:163 Resp: 66642
Ion Ratio Lower Upper
163 100
194 0.0 2.5 3.7#
164 497.5 7.0 10.6#



#51
2,6-Dinitrotoluene
Concen: 8.137 ng
RT: 9.839 min Scan# 1318
Delta R.T. 0.206 min
Lab File: BF136335.D
Acq: 01 Dec 2023 13:44

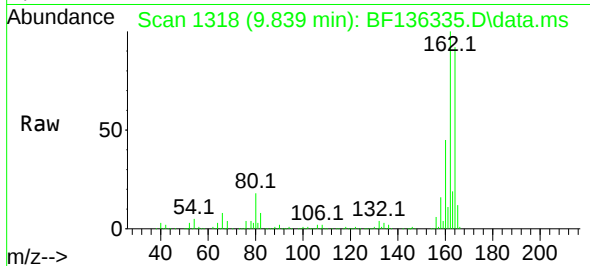
Tgt Ion:165 Resp: 41716
Ion Ratio Lower Upper
165 100
63 1.0 46.2 69.2#
89 1.4 44.9 67.3#



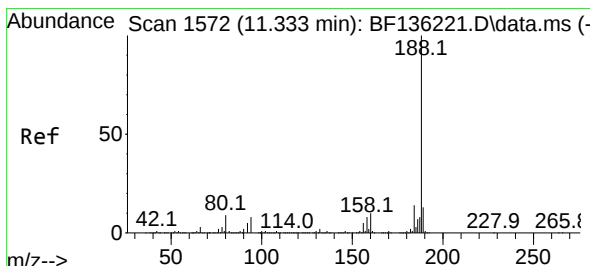
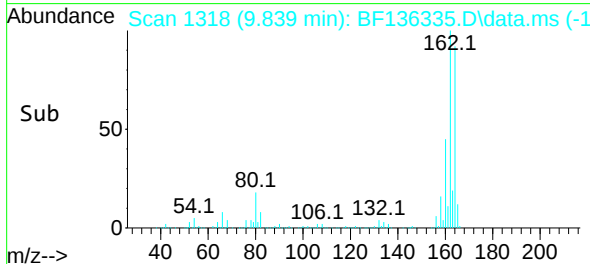
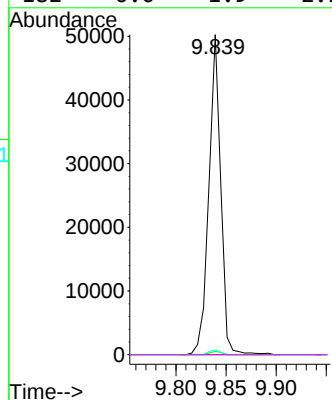


#57
2,4-Dinitrotoluene
Concen: 6.092 ng
RT: 9.839 min Scan# 1318
Delta R.T. -0.200 min
Lab File: BF136335.D
Acq: 01 Dec 2023 13:44

Instrument :
BNA_F
ClientSampleId :
PB157087BL

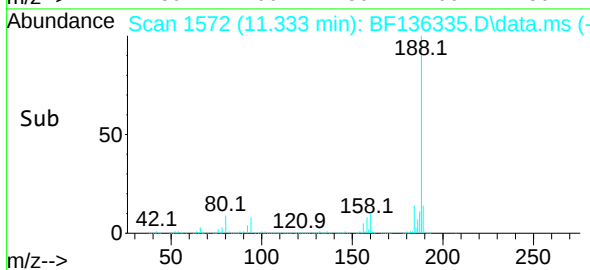
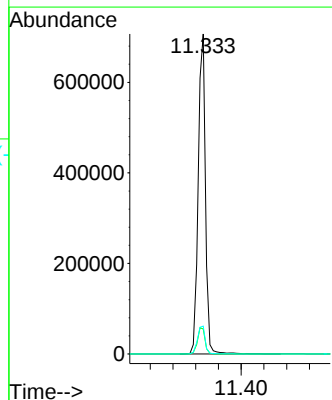
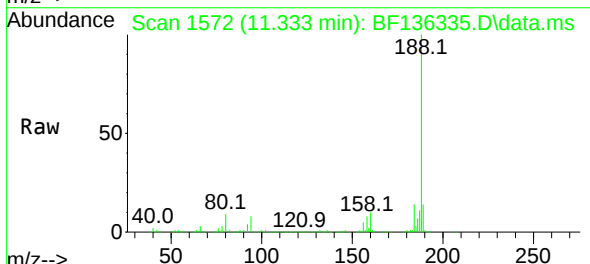


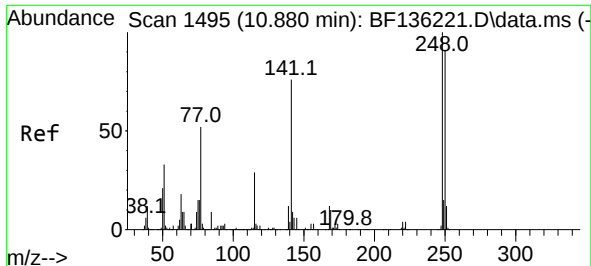
Tgt Ion:165 Resp: 41717
Ion Ratio Lower Upper
165 100
63 1.0 33.0 49.4#
89 1.4 51.5 77.3#
182 0.0 1.9 2.9#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.333 min Scan# 1572
Delta R.T. 0.000 min
Lab File: BF136335.D
Acq: 01 Dec 2023 13:44

Tgt Ion:188 Resp: 630032
Ion Ratio Lower Upper
188 100
94 7.8 6.7 10.1
80 8.7 7.2 10.8

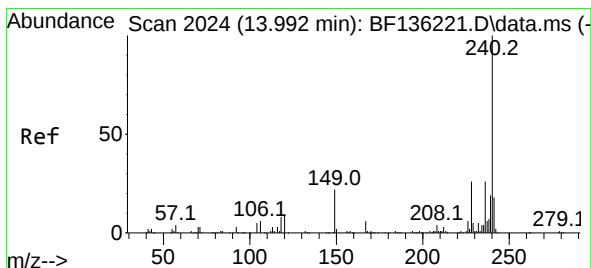
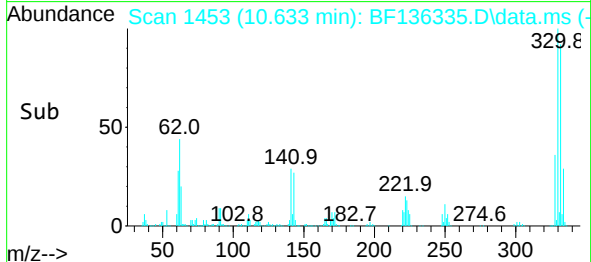
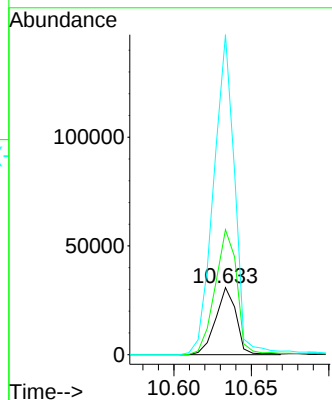
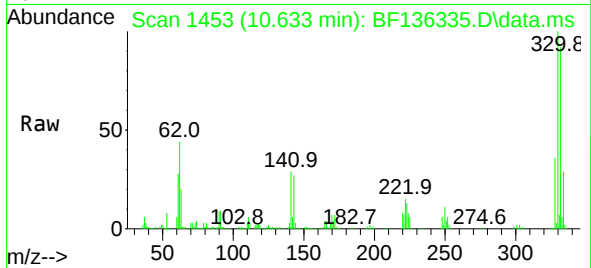




#67
4-Bromophenyl-phenylether
Concen: 3.895 ng
RT: 10.633 min Scan# 1495
Delta R.T. -0.247 min
Lab File: BF136335.D
Acq: 01 Dec 2023 13:44

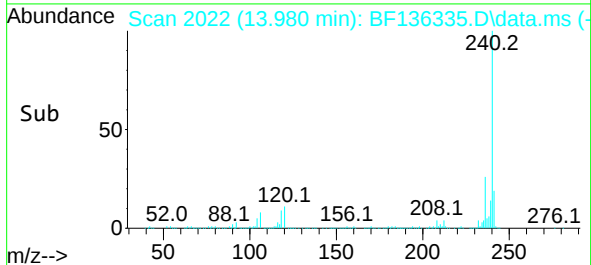
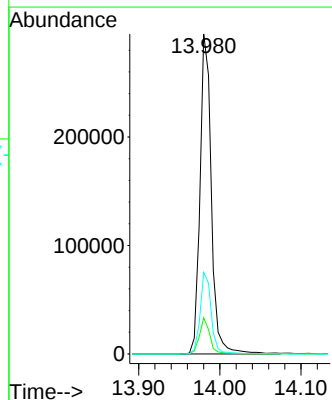
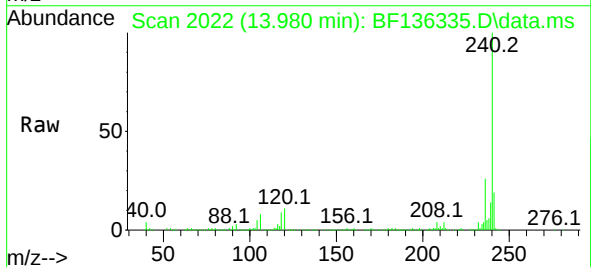
Instrument :
BNA_F
ClientSampleId :
PB157087BL

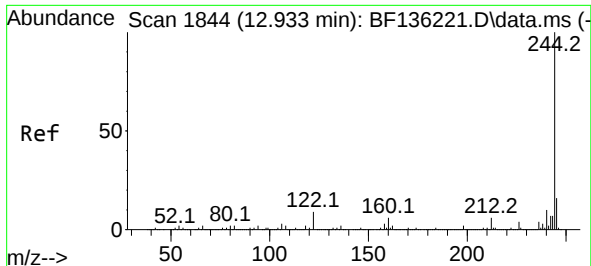
Tgt Ion:248 Resp: 28629
Ion Ratio Lower Upper
248 100
250 186.2 72.5 108.7#
141 476.7 60.8 91.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.980 min Scan# 2022
Delta R.T. -0.012 min
Lab File: BF136335.D
Acq: 01 Dec 2023 13:44

Tgt Ion:240 Resp: 287405
Ion Ratio Lower Upper
240 100
120 11.3 7.4 11.2#
236 25.5 21.1 31.7





#79

Terphenyl-d14

Concen: 86.887 ng

RT: 12.933 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF136335.D

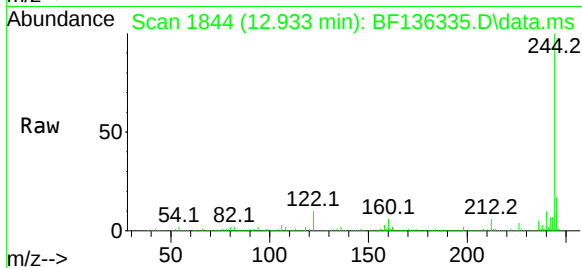
Acq: 01 Dec 2023 13:44

Instrument :

BNA_F

ClientSampleId :

PB157087BL



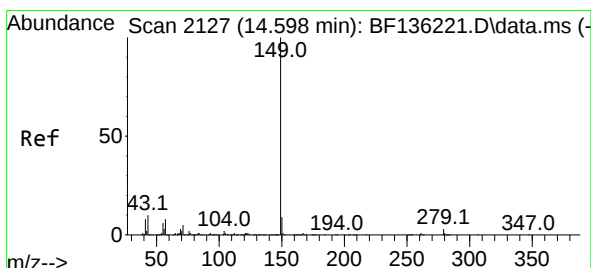
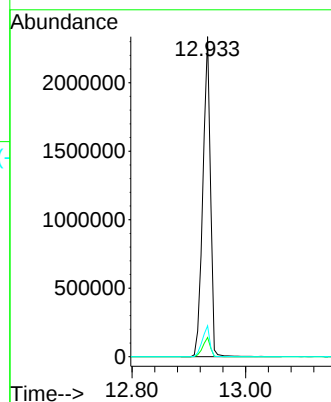
Tgt Ion:244 Resp: 2164893

Ion Ratio Lower Upper

244 100

212 6.0 4.6 7.0

122 9.6 7.3 10.9



#85

Di-n-octyl phthalate

Concen: 5.171 ng

RT: 14.586 min Scan# 2125

Delta R.T. -0.012 min

Lab File: BF136335.D

Acq: 01 Dec 2023 13:44

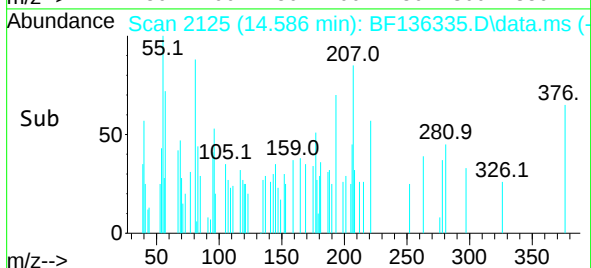
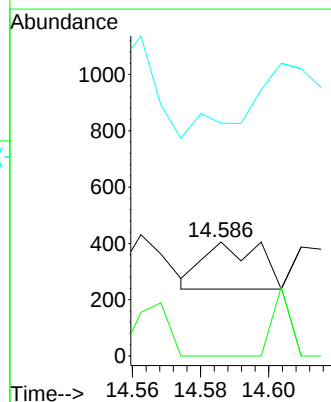
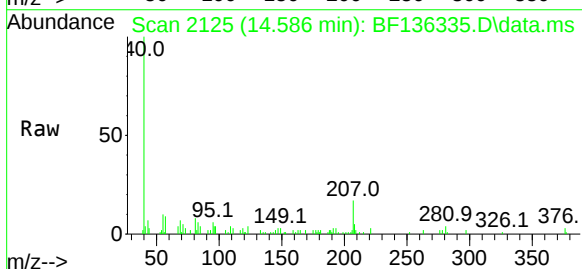
Tgt Ion:149 Resp: 190

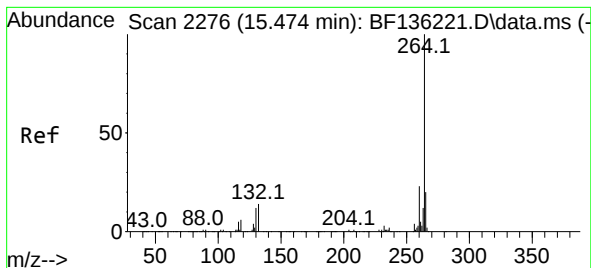
Ion Ratio Lower Upper

149 100

167 63.7 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: BF136335.D

Acq: 01 Dec 2023 13:44

Instrument :

BNA_F

ClientSampleId :

PB157087BL

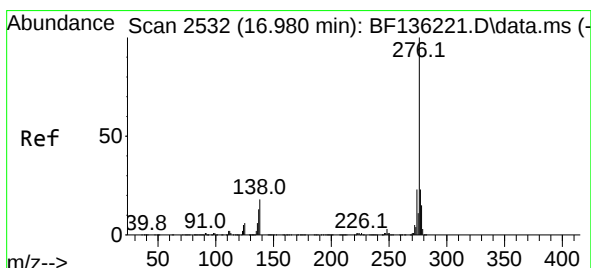
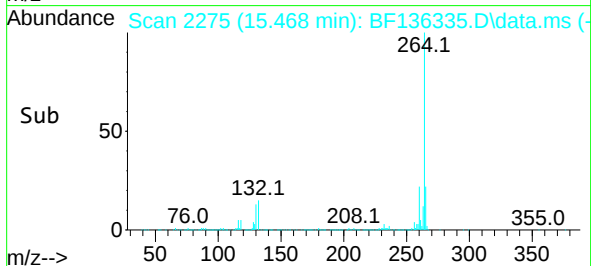
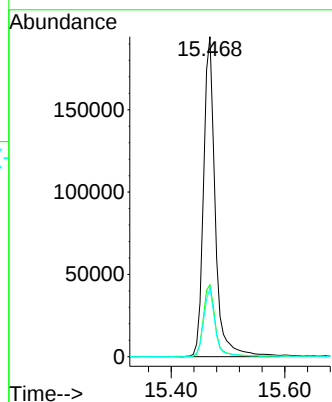
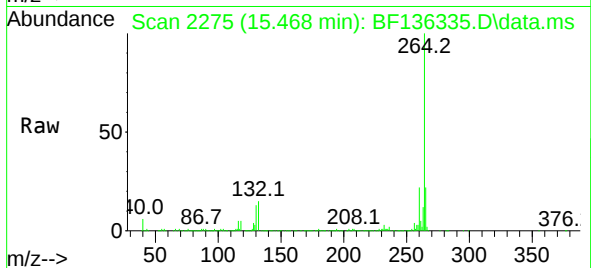
Tgt Ion:264 Resp: 277872

Ion Ratio Lower Upper

264 100

260 22.4 18.6 27.8

265 21.5 15.7 23.5



#87

Indeno(1,2,3-cd)pyrene

Concen: 2.872 ng

RT: 16.945 min Scan# 2526

Delta R.T. -0.035 min

Lab File: BF136335.D

Acq: 01 Dec 2023 13:44

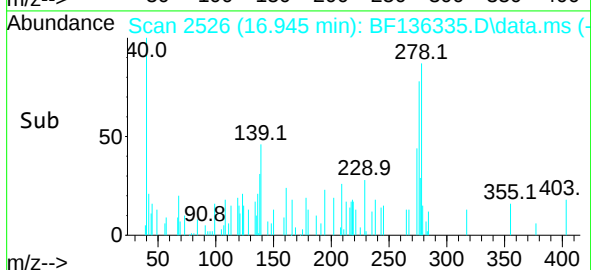
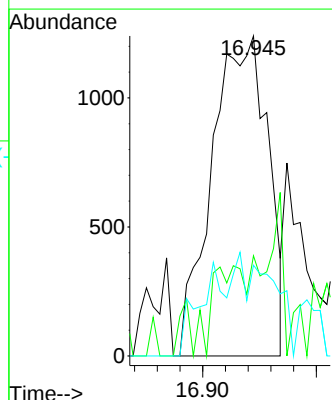
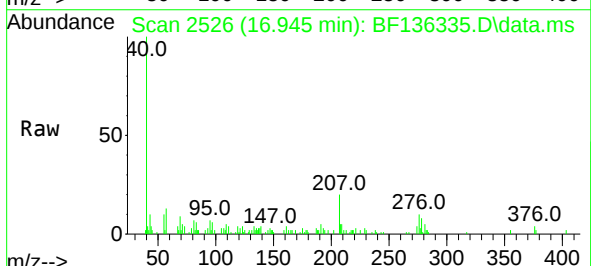
Tgt Ion:276 Resp: 4247

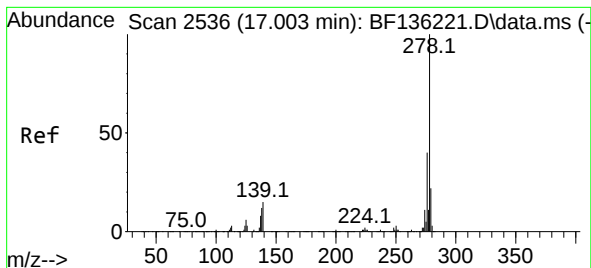
Ion Ratio Lower Upper

276 100

138 0.0 17.7 26.5#

277 3.1 19.6 29.4#





#91

Dibenzo(a,h)anthracene

Concen: 2.863 ng

RT: 16.968 min Scan# 21

Delta R.T. -0.035 min

Lab File: BF136335.D

Acq: 01 Dec 2023 13:44

Instrument :

BNA_F

ClientSampleId :

PB157087BL

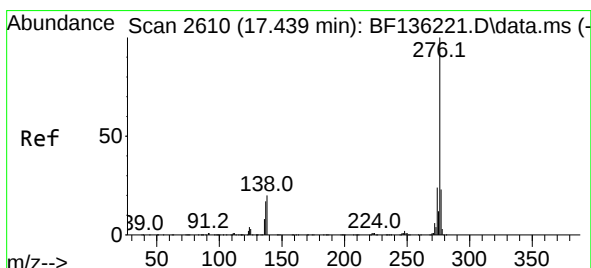
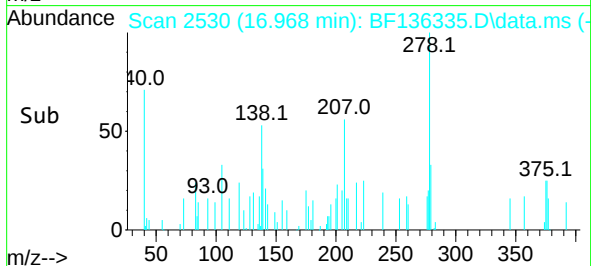
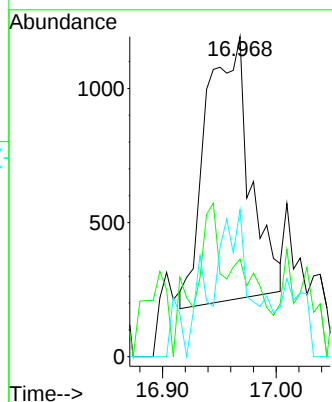
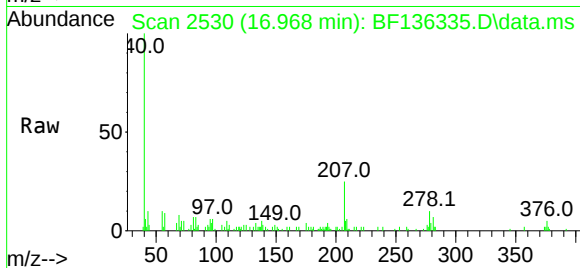
Tgt Ion:278 Resp: 2637

Ion Ratio Lower Upper

278 100

139 30.5 11.7 17.5#

279 45.9 17.8 26.8#



#92

Benzo(g,h,i)perylene

Concen: 2.101 ng

RT: 17.392 min Scan# 2602

Delta R.T. -0.047 min

Lab File: BF136335.D

Acq: 01 Dec 2023 13:44

Tgt Ion:276 Resp: 3492

Ion Ratio Lower Upper

276 100

277 23.5 18.6 27.8

138 23.0 15.8 23.8

