

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112923\
 Data File : BF136277.D
 Acq On : 29 Nov 2023 11:46
 Operator : CG\JU
 Sample : PB157393BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB157393BL

Quant Time: Nov 29 12:22:17 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)

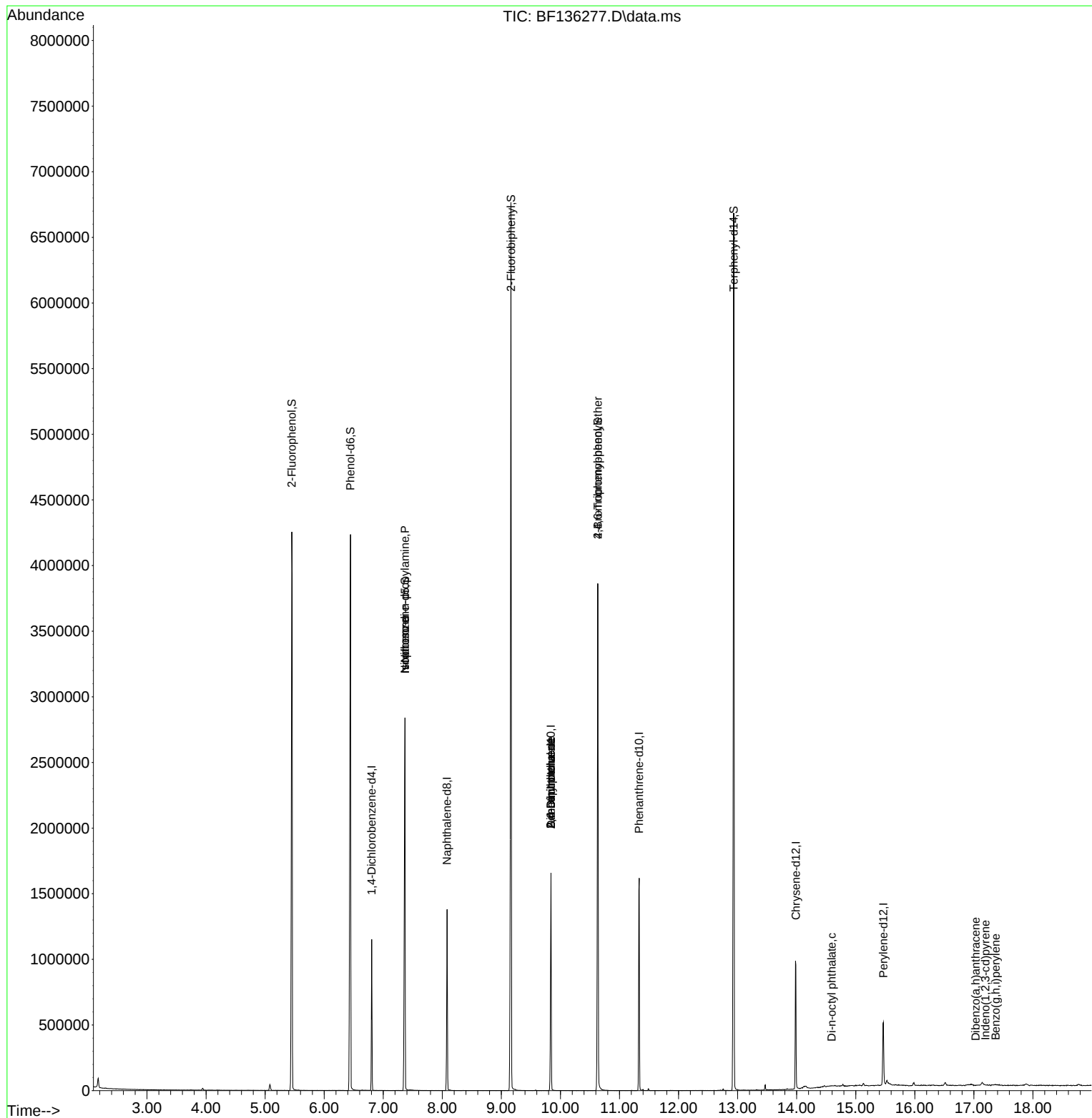
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.804	152	142971	20.000	ng	0.00
21) Naphthalene-d8	8.080	136	611730	20.000	ng	0.00
39) Acenaphthene-d10	9.839	164	317645	20.000	ng	0.00
64) Phenanthrene-d10	11.333	188	627151	20.000	ng	0.00
76) Chrysene-d12	13.986	240	350599	20.000	ng	0.00
86) Perylene-d12	15.468	264	239364	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.451	112	1376602	134.015	ng	0.01
7) Phenol-d6	6.445	99	1674853	130.402	ng	0.00
23) Nitrobenzene-d5	7.369	82	1042220	90.030	ng	0.00
42) 2,4,6-Tribromophenol	10.633	330	553951	142.643	ng	0.00
45) 2-Fluorobiphenyl	9.163	172	2214148	89.035	ng	0.00
79) Terphenyl-d14	12.933	244	2795075	91.959	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.369	70	137126	17.851	ng	# 77
25) Isophorone	7.369	82	1040334	49.839	ng	# 68
50) Dimethylphthalate	9.839	163	66523	2.771	ng	# 1
51) 2,6-Dinitrotoluene	9.839	165	38429	7.835	ng	# 24
57) 2,4-Dinitrotoluene	9.839	165	38429	5.866	ng	# 28
67) 4-Bromophenyl-phenylether	10.633	248	31606	4.320	ng	# 1
85) Di-n-octyl phthalate	14.592	149	430	5.179	ng	# 1
87) Indeno(1,2,3-cd)pyrene	17.198	276	273	2.694	ng	95
91) Dibenzo(a,h)anthracene	17.033	278	144	2.723	ng	# 1
92) Benzo(g,h,i)perylene	17.368	276	2489	2.067	ng	95

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

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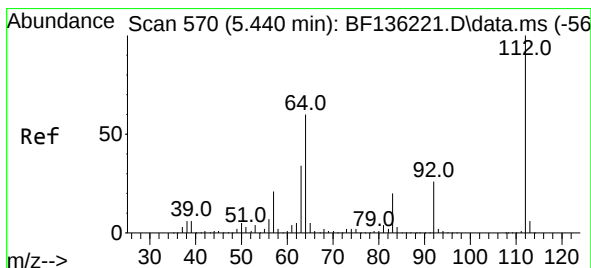
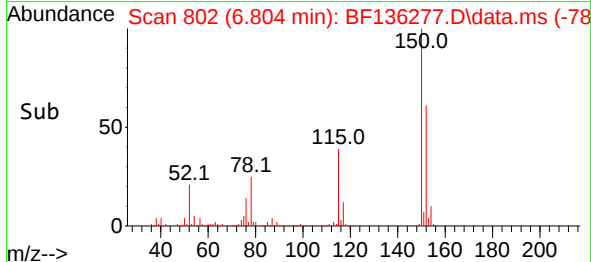
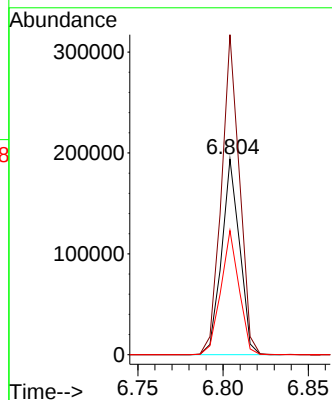
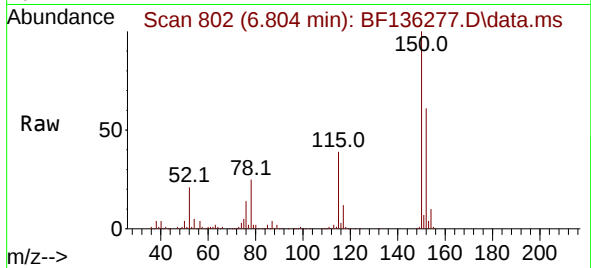




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.804 min Scan# 803
Delta R.T. -0.006 min
Lab File: BF136277.D
Acq: 29 Nov 2023 11:46

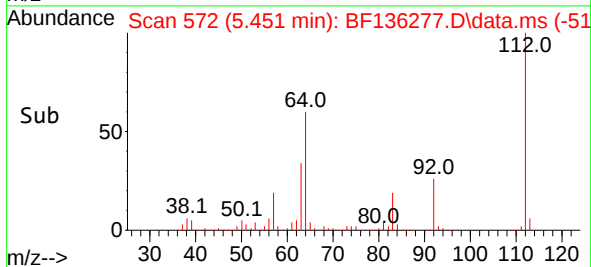
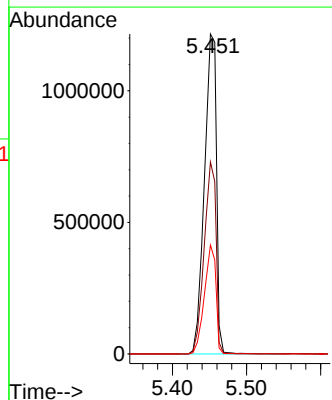
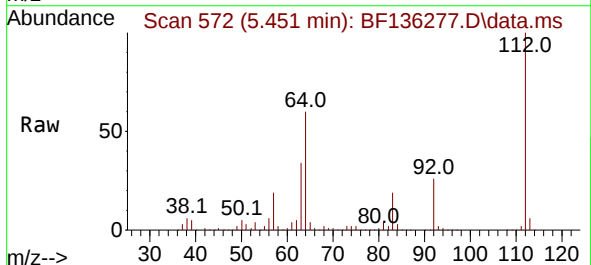
Instrument :
BNA_F
ClientSampleId :
PB157393BL

Tgt Ion:152 Resp: 142971
Ion Ratio Lower Upper
152 100
150 163.5 137.8 206.8
115 63.5 52.7 79.1



#5
2-Fluorophenol
Concen: 134.015 ng
RT: 5.451 min Scan# 572
Delta R.T. 0.012 min
Lab File: BF136277.D
Acq: 29 Nov 2023 11:46

Tgt Ion:112 Resp: 1376602
Ion Ratio Lower Upper
112 100
64 60.0 48.2 72.4
63 34.0 27.0 40.6

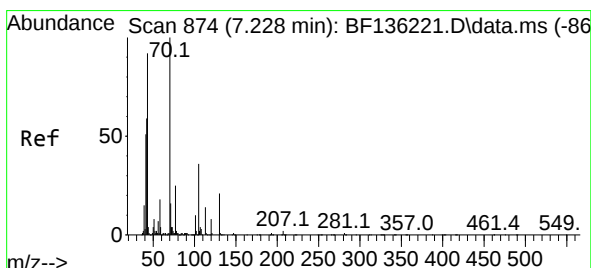
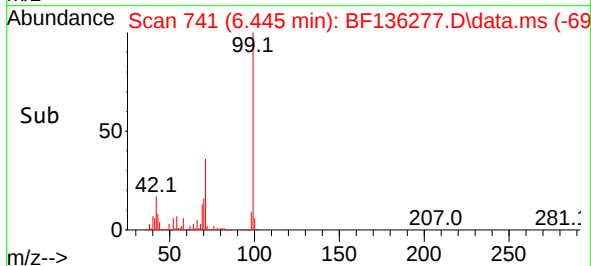
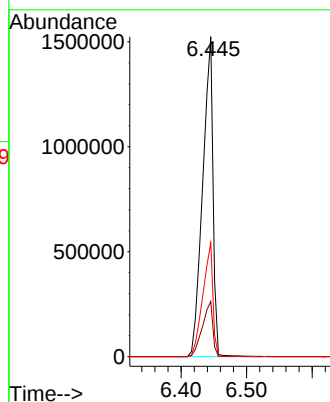
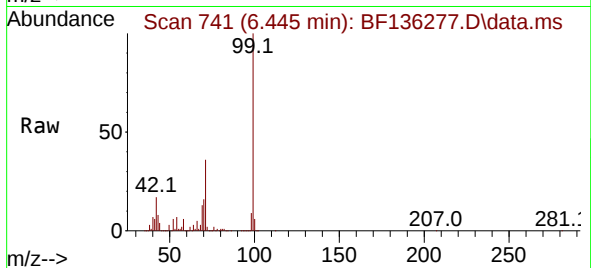




#7
Phenol-d6
Concen: 130.402 ng
RT: 6.445 min Scan# 741
Delta R.T. -0.000 min
Lab File: BF136277.D
Acq: 29 Nov 2023 11:46

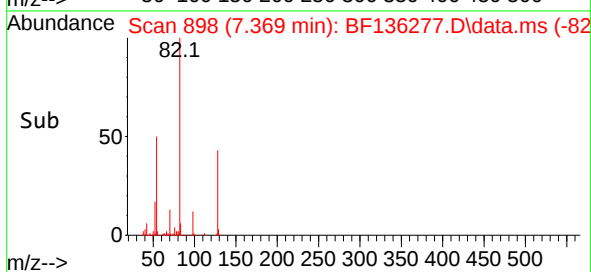
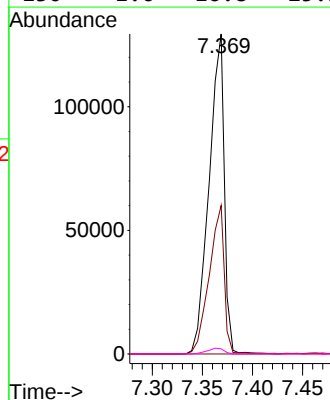
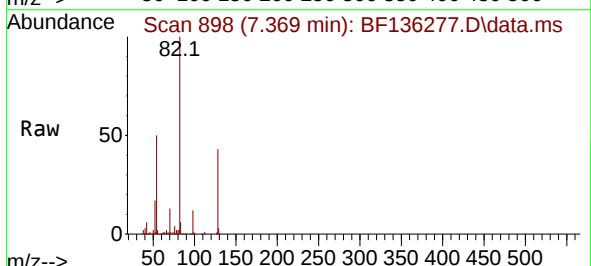
Instrument :
BNA_F
ClientSampleId :
PB157393BL

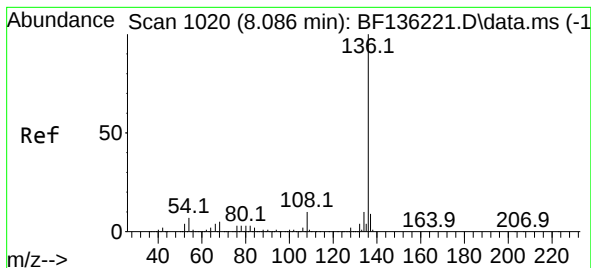
Tgt Ion: 99 Resp: 1674853
Ion Ratio Lower Upper
99 100
42 17.3 15.0 22.6
71 35.6 28.9 43.3



#19
n-Nitroso-di-n-propylamine
Concen: 17.851 ng
RT: 7.369 min Scan# 898
Delta R.T. 0.141 min
Lab File: BF136277.D
Acq: 29 Nov 2023 11:46

Tgt Ion: 70 Resp: 137126
Ion Ratio Lower Upper
70 100
42 46.4 47.0 70.4#
101 0.0 7.8 11.8#
130 1.6 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: BF136277.D

Acq: 29 Nov 2023 11:46

Instrument :

BNA_F

ClientSampleId :

PB157393BL

Tgt Ion:136 Resp: 611730

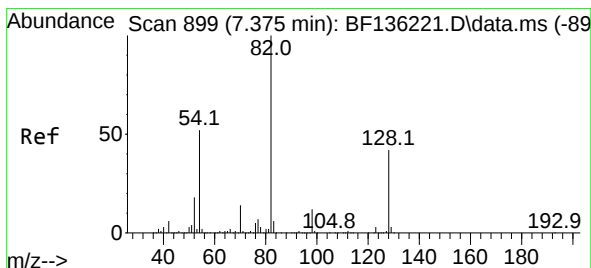
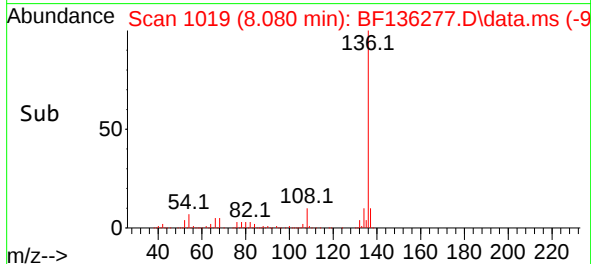
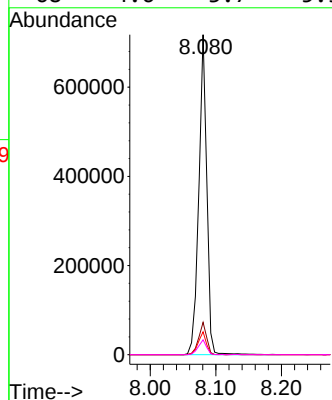
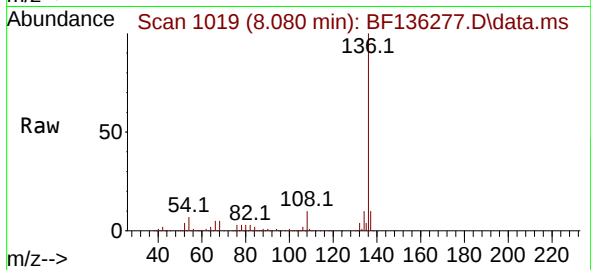
Ion Ratio Lower Upper

136 100

137 10.1 7.4 11.2

54 7.2 5.5 8.3

68 4.6 3.7 5.5



#23

Nitrobenzene-d5

Concen: 90.030 ng

RT: 7.369 min Scan# 898

Delta R.T. -0.006 min

Lab File: BF136277.D

Acq: 29 Nov 2023 11:46

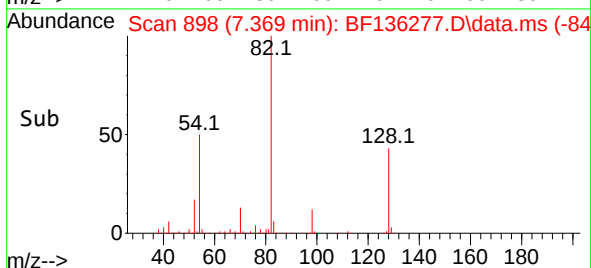
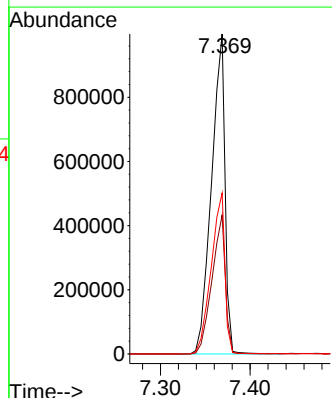
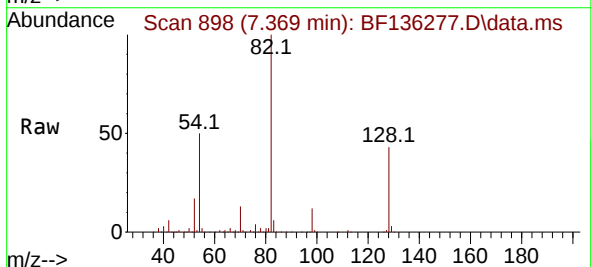
Tgt Ion: 82 Resp: 1042220

Ion Ratio Lower Upper

82 100

128 43.4 33.4 50.2

54 50.3 41.7 62.5

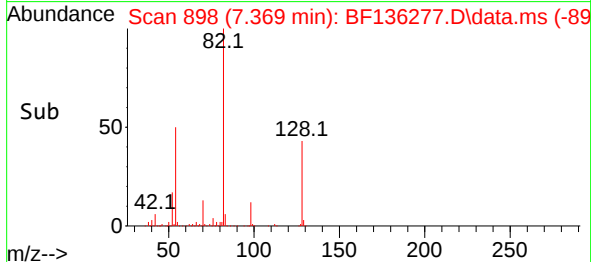
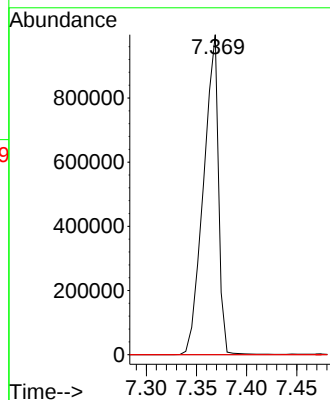
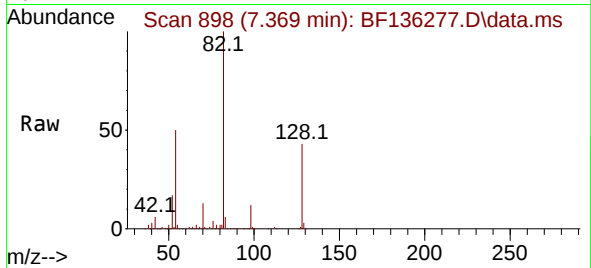




#25
Isophorone
Concen: 49.839 ng
RT: 7.369 min Scan# 89
Delta R.T. -0.259 min
Lab File: BF136277.D
Acq: 29 Nov 2023 11:46

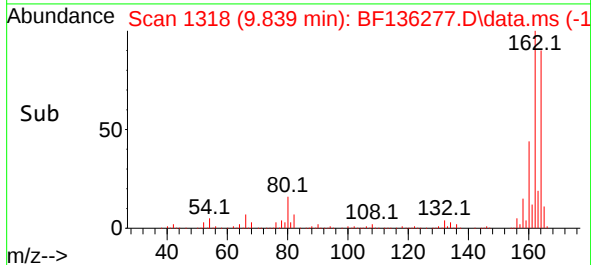
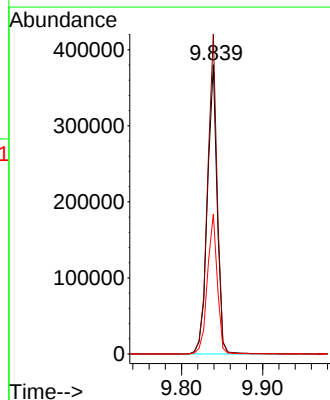
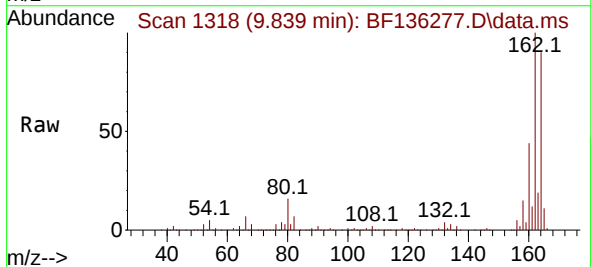
Instrument :
BNA_F
ClientSampleId :
PB157393BL

Tgt Ion: 82 Resp: 1040334
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: BF136277.D
Acq: 29 Nov 2023 11:46

Tgt Ion:164 Resp: 317645
Ion Ratio Lower Upper
164 100
162 110.6 89.5 134.3
160 48.4 39.6 59.4





#42

2,4,6-Tribromophenol

Concen: 142.643 ng

RT: 10.633 min Scan# 1454

Delta R.T. -0.006 min

Lab File: BF136277.D

Acq: 29 Nov 2023 11:46

Instrument :

BNA_F

ClientSampleId :

PB157393BL

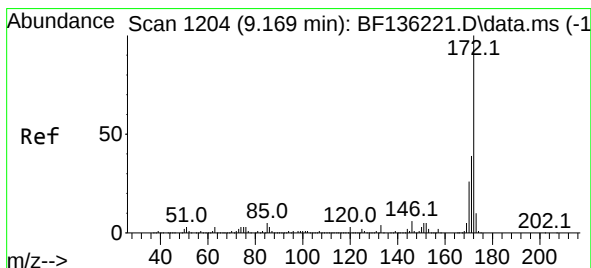
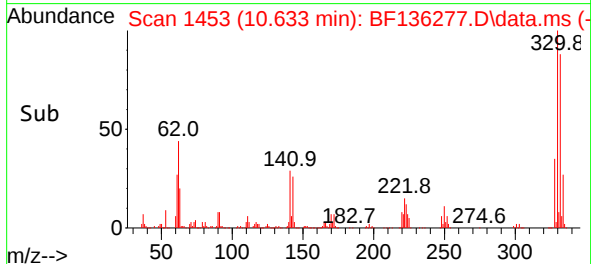
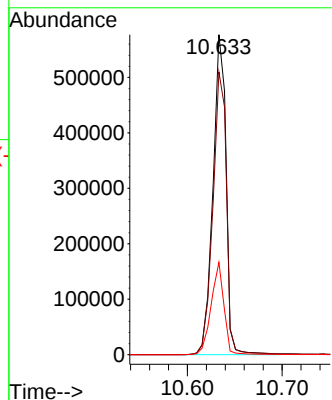
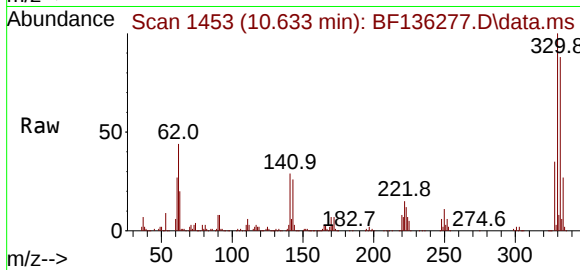
Tgt Ion:330 Resp: 553951

Ion Ratio Lower Upper

330 100

332 92.1 73.0 109.6

141 28.5 24.2 36.2



#45

2-Fluorobiphenyl

Concen: 89.035 ng

RT: 9.163 min Scan# 1203

Delta R.T. -0.006 min

Lab File: BF136277.D

Acq: 29 Nov 2023 11:46

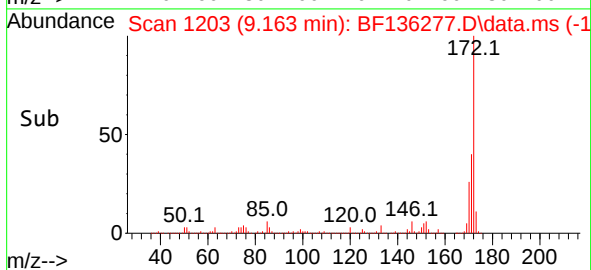
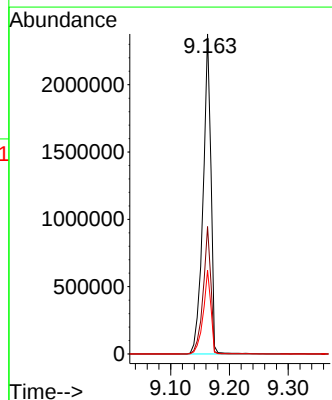
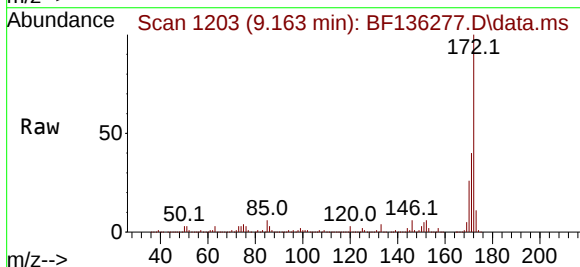
Tgt Ion:172 Resp: 2214148

Ion Ratio Lower Upper

172 100

171 39.8 31.5 47.3

170 26.2 20.8 31.2

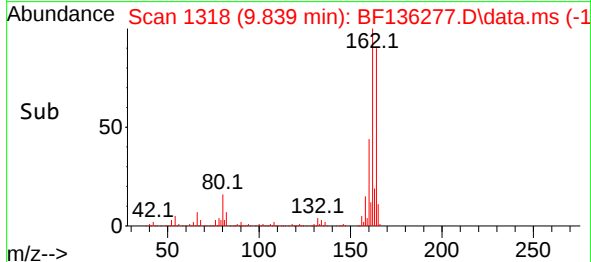
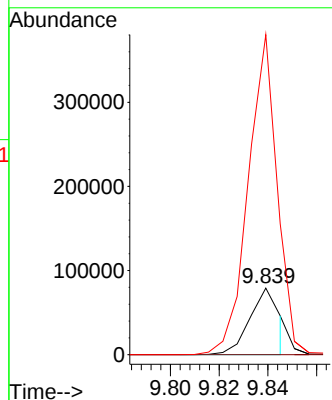
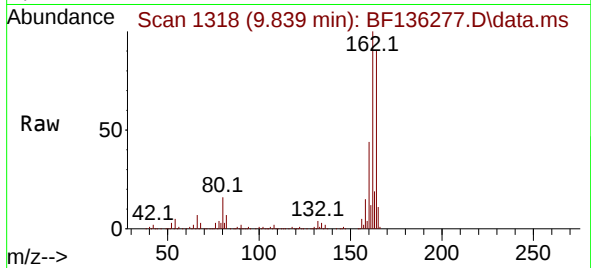




#50
Dimethylphthalate
Concen: 2.771 ng
RT: 9.839 min Scan# 1318
Delta R.T. 0.265 min
Lab File: BF136277.D
Acq: 29 Nov 2023 11:46

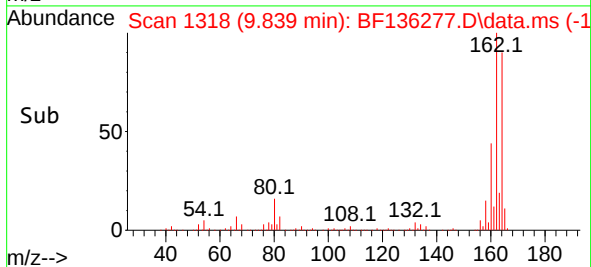
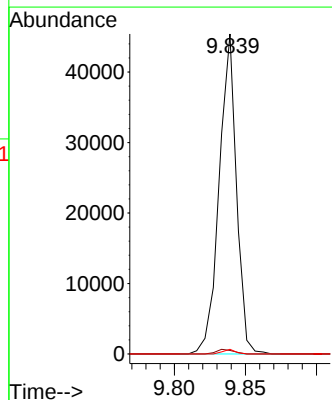
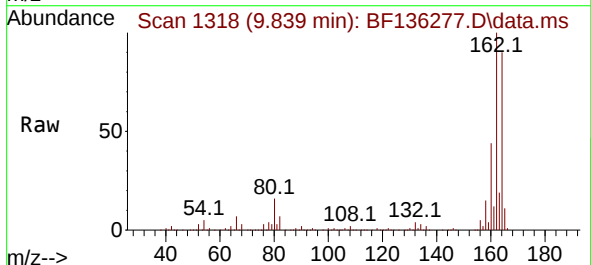
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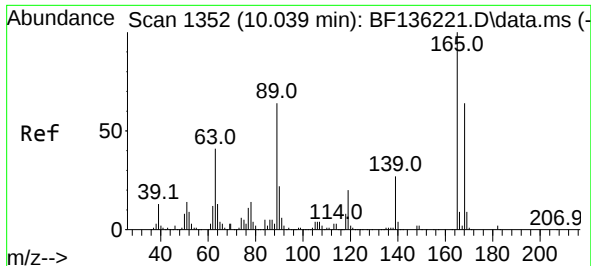
Tgt Ion:163 Resp: 66523
Ion Ratio Lower Upper
163 100
194 0.0 2.5 3.7#
164 480.1 7.0 10.6#



#51
2,6-Dinitrotoluene
Concen: 7.835 ng
RT: 9.839 min Scan# 1318
Delta R.T. 0.206 min
Lab File: BF136277.D
Acq: 29 Nov 2023 11:46

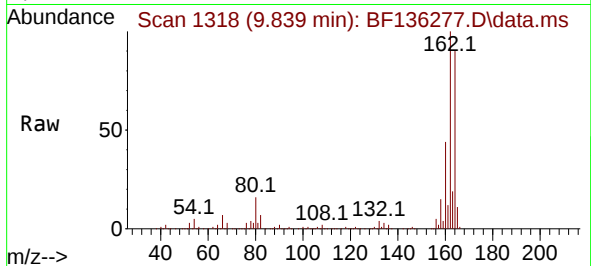
Tgt Ion:165 Resp: 38429
Ion Ratio Lower Upper
165 100
63 1.1 46.2 69.2#
89 1.4 44.9 67.3#



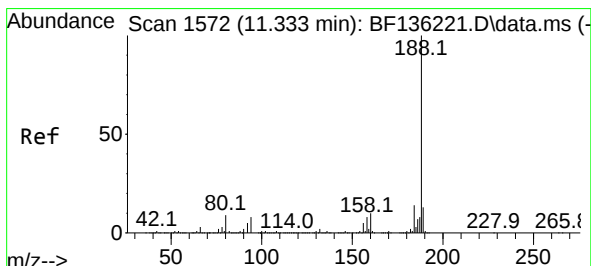
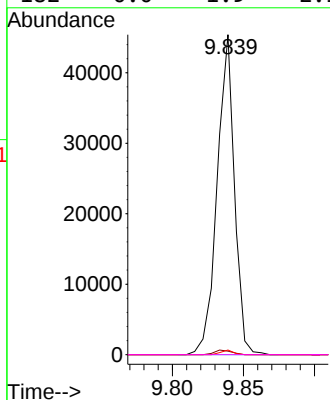
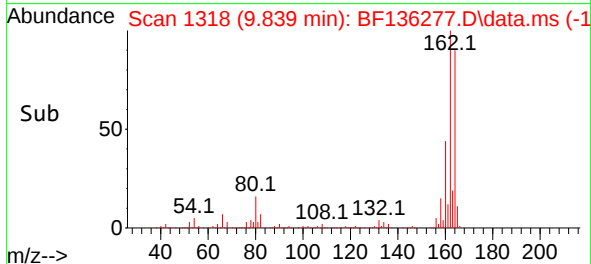


#57
2,4-Dinitrotoluene
Concen: 5.866 ng
RT: 9.839 min Scan# 1318
Delta R.T. -0.200 min
Lab File: BF136277.D
Acq: 29 Nov 2023 11:46

Instrument :
BNA_F
ClientSampleId :
PB157393BL

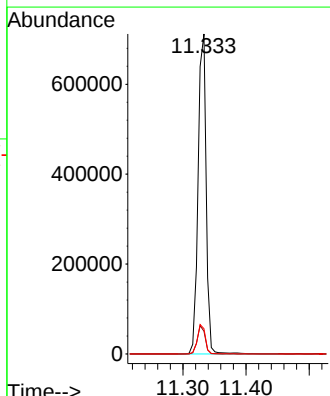
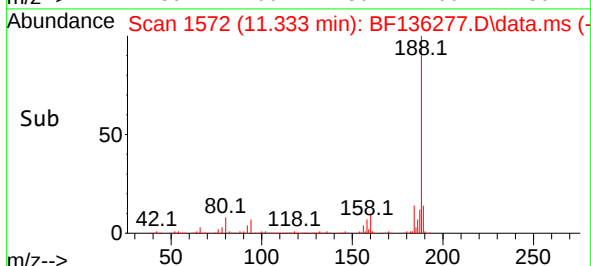
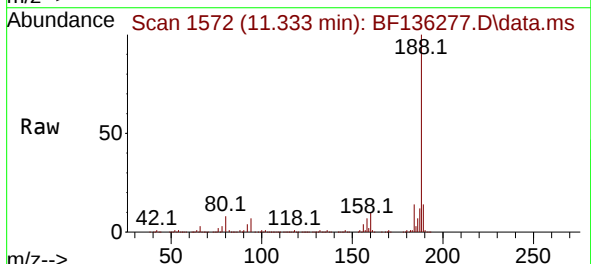


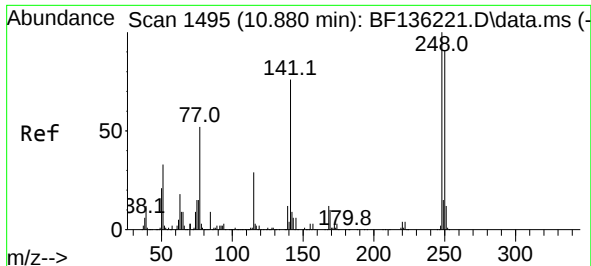
Tgt Ion:165 Resp: 38429
Ion Ratio Lower Upper
165 100
63 1.1 33.0 49.4#
89 1.4 51.5 77.3#
182 0.0 1.9 2.9#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.333 min Scan# 1572
Delta R.T. 0.000 min
Lab File: BF136277.D
Acq: 29 Nov 2023 11:46

Tgt Ion:188 Resp: 627151
Ion Ratio Lower Upper
188 100
94 7.1 6.7 10.1
80 7.9 7.2 10.8





#67

4-Bromophenyl-phenylether

Concen: 4.320 ng

RT: 10.633 min Scan# 14

Delta R.T. -0.247 min

Lab File: BF136277.D

Acq: 29 Nov 2023 11:46

Instrument :

BNA_F

ClientSampleId :

PB157393BL

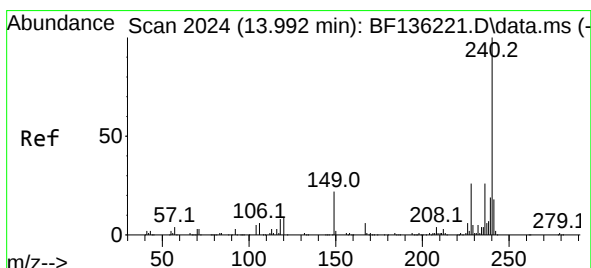
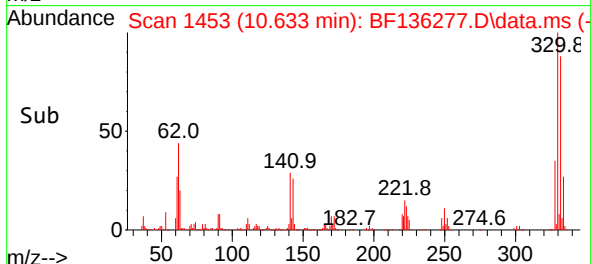
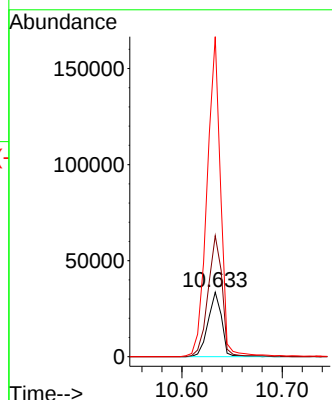
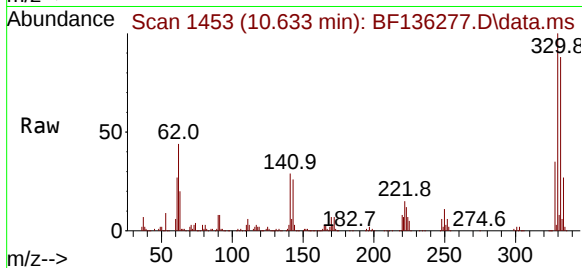
Tgt Ion:248 Resp: 31606

Ion Ratio Lower Upper

248 100

250 187.6 72.5 108.7#

141 496.2 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: BF136277.D

Acq: 29 Nov 2023 11:46

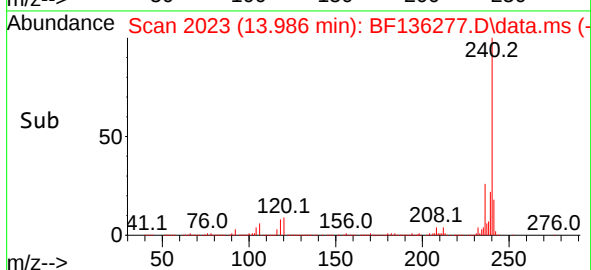
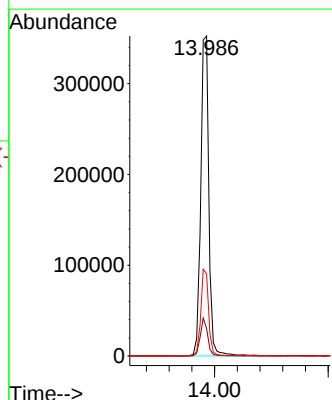
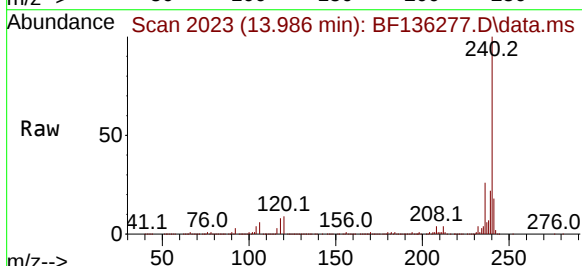
Tgt Ion:240 Resp: 350599

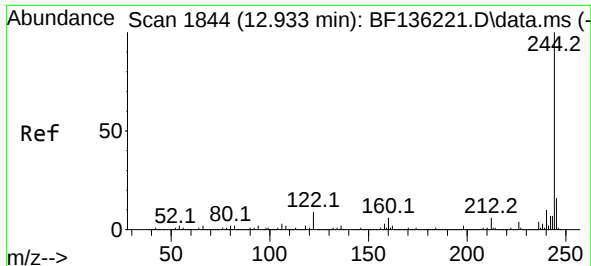
Ion Ratio Lower Upper

240 100

120 8.5 7.4 11.2

236 25.7 21.1 31.7

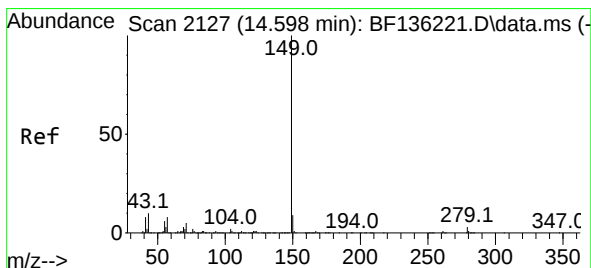
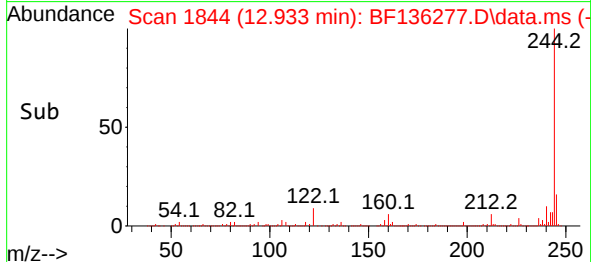
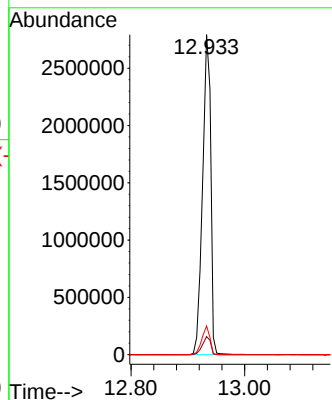
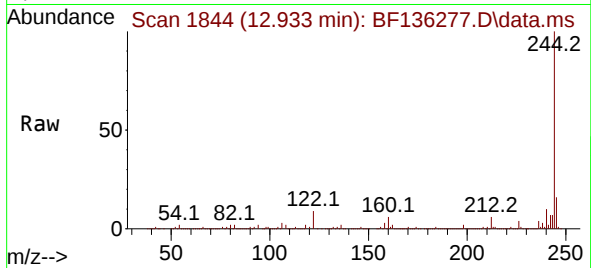




#79
 Terphenyl-d14
 Concen: 91.959 ng
 RT: 12.933 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: BF136277.D
 Acq: 29 Nov 2023 11:46

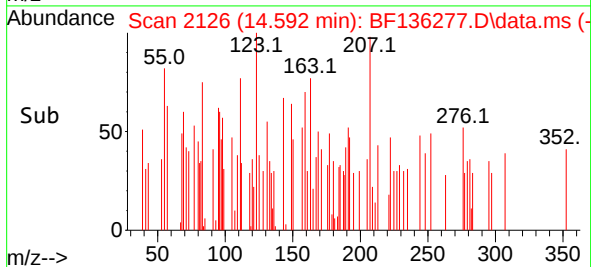
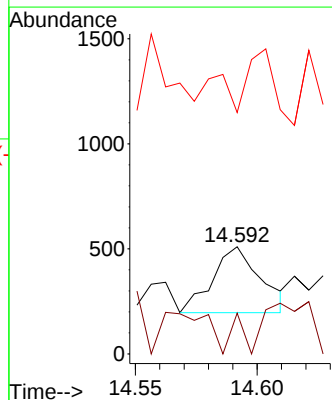
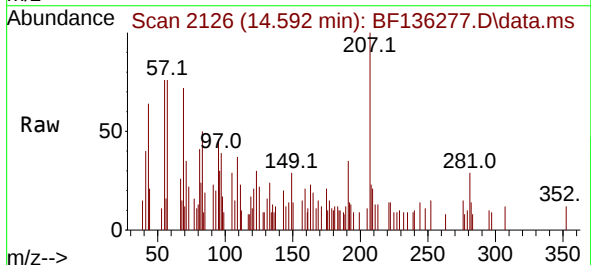
Instrument :
 BNA_F
 ClientSampleId :
 PB157393BL

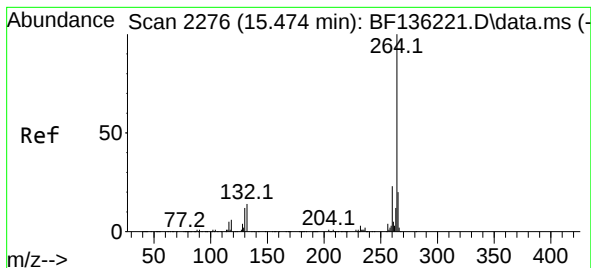
Tgt Ion:244 Resp: 2795075
 Ion Ratio Lower Upper
 244 100
 212 5.7 4.6 7.0
 122 9.0 7.3 10.9



#85
 Di-n-octyl phthalate
 Concen: 5.179 ng
 RT: 14.592 min Scan# 2126
 Delta R.T. -0.006 min
 Lab File: BF136277.D
 Acq: 29 Nov 2023 11:46

Tgt Ion:149 Resp: 430
 Ion Ratio Lower Upper
 149 100
 167 0.0 1.0 1.6#
 43 93.3 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: BF136277.D

Acq: 29 Nov 2023 11:46

Instrument :

BNA_F

ClientSampleId :

PB157393BL

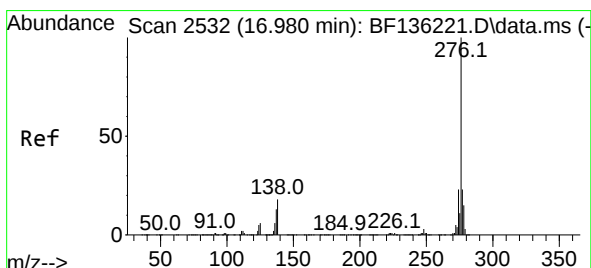
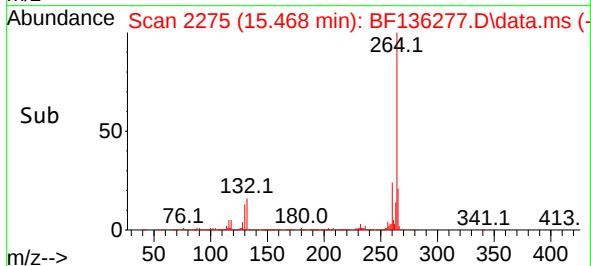
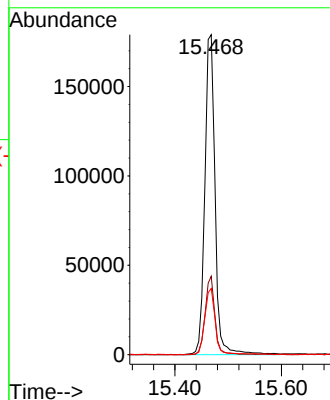
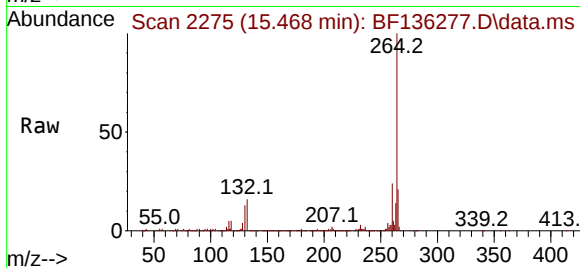
Tgt Ion:264 Resp: 239364

Ion Ratio Lower Upper

264 100

260 24.5 18.6 27.8

265 20.7 15.7 23.5



#87

Indeno(1,2,3-cd)pyrene

Concen: 2.694 ng

RT: 17.198 min Scan# 2569

Delta R.T. 0.218 min

Lab File: BF136277.D

Acq: 29 Nov 2023 11:46

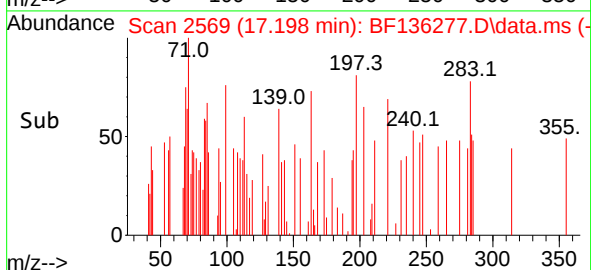
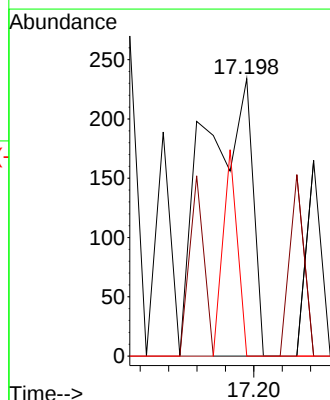
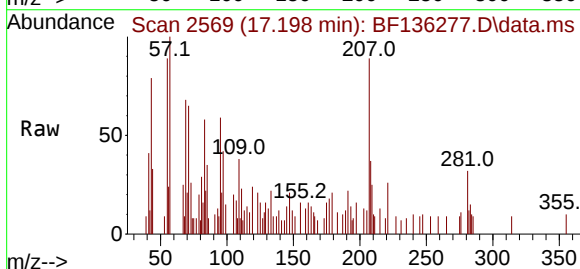
Tgt Ion:276 Resp: 273

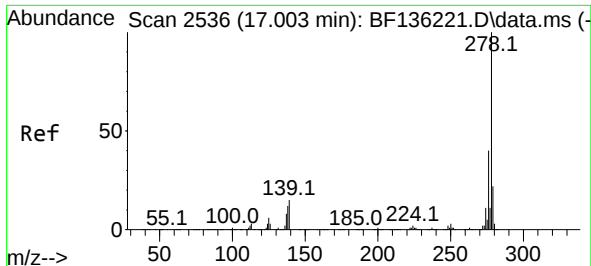
Ion Ratio Lower Upper

276 100

138 19.8 17.7 26.5

277 22.3 19.6 29.4

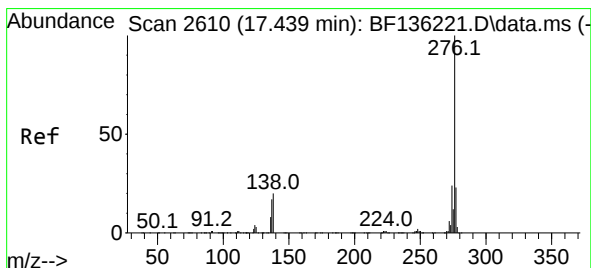
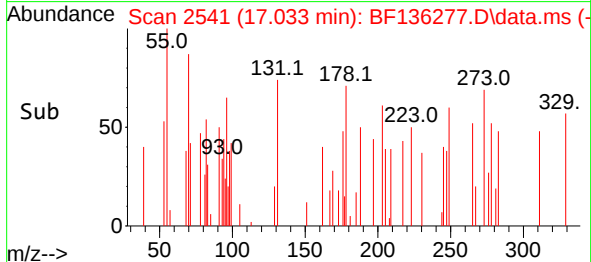
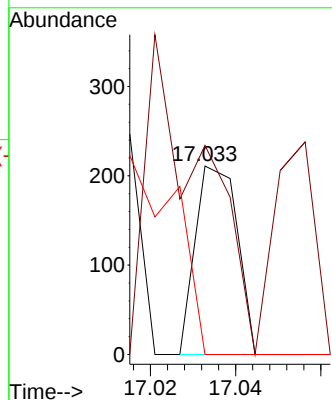
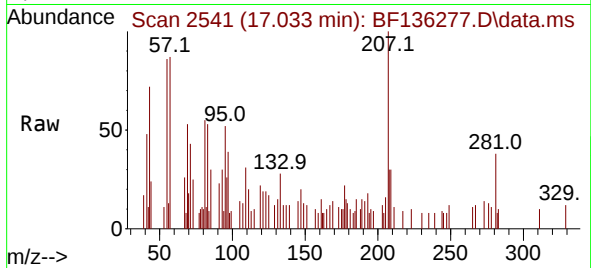




#91
Dibenzo(a,h)anthracene
Concen: 2.723 ng
RT: 17.033 min Scan# 21
Delta R.T. 0.030 min
Lab File: BF136277.D
Acq: 29 Nov 2023 11:46

Instrument :
BNA_F
ClientSampleId :
PB157393BL

Tgt Ion:278 Resp: 144
Ion Ratio Lower Upper
278 100
139 110.9 11.7 17.5#
279 0.0 17.8 26.8#



#92
Benzo(g,h,i)perylene
Concen: 2.067 ng
RT: 17.368 min Scan# 2598
Delta R.T. -0.071 min
Lab File: BF136277.D
Acq: 29 Nov 2023 11:46

Tgt Ion:276 Resp: 2489
Ion Ratio Lower Upper
276 100
277 25.8 18.6 27.8
138 21.7 15.8 23.8

