

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112423\
 Data File : BF136210.D
 Acq On : 25 Nov 2023 08:13
 Operator : CG\JU
 Sample : 05418-09
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

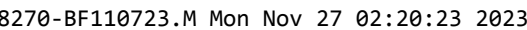
Quant Time: Nov 27 02:20:12 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 24 23:44:28 2023
 Response via : Initial Calibration

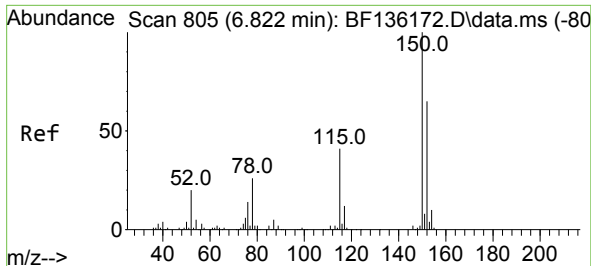
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.810	152	136072	20.000	ng	0.00
21) Naphthalene-d8	8.081	136	572724	20.000	ng	0.00
39) Acenaphthene-d10	9.839	164	290028	20.000	ng	0.00
64) Phenanthrene-d10	11.327	188	524443	20.000	ng	-0.01
76) Chrysene-d12	13.980	240	270873	20.000	ng	0.00
86) Perylene-d12	15.462	264	265661	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.451	112	1033684	120.956	ng	0.02
7) Phenol-d6	6.439	99	1114014	105.935	ng	0.00
23) Nitrobenzene-d5	7.369	82	895301	87.233	ng	0.00
42) 2,4,6-Tribromophenol	10.633	330	396653	130.582	ng	0.00
45) 2-Fluorobiphenyl	9.163	172	1843857	93.977	ng	0.00
79) Terphenyl-d14	12.927	244	1909662	100.073	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.369	70	118831	19.576	ng	# 76
25) Isophorone	7.369	82	895290	50.548	ng	# 64
32) Benzoic acid	7.881	122	387	5.062	ng	# 18
50) Dimethylphthalate	9.839	163	60964	3.111	ng	# 1
51) 2,6-Dinitrotoluene	9.839	165	34544	8.124	ng	# 23
57) 2,4-Dinitrotoluene	9.839	165	34544	6.396	ng	# 29
65) 4,6-Dinitro-2-methylph...	10.633	198	589	4.888	ng	# 1
67) 4-Bromophenyl-phenylether	10.633	248	21672	3.710	ng	# 1

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

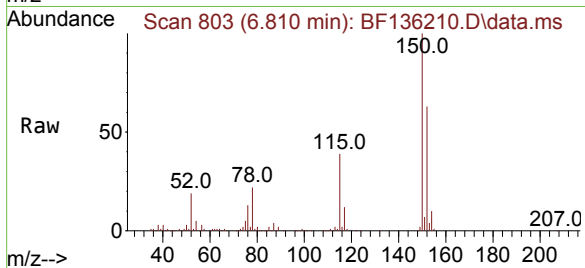
Quant Time: Nov 27 02:20:12 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration



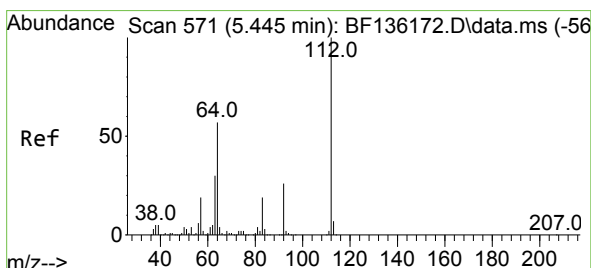
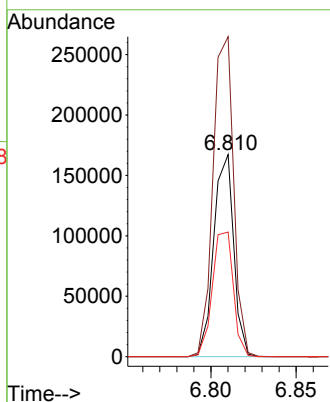
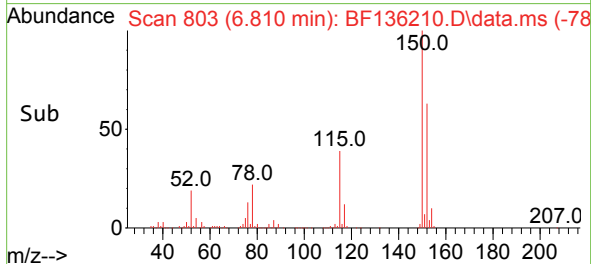


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.810 min Scan# 805
Delta R.T. 0.000 min
Lab File: BF136210.D
Acq: 25 Nov 2023 08:13

Instrument :
BNA_F
ClientSampleId :

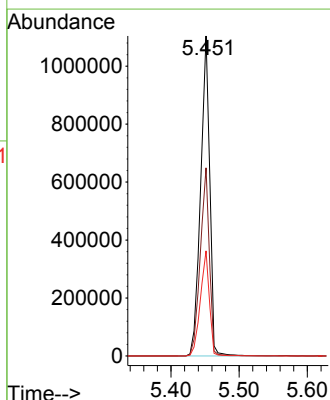
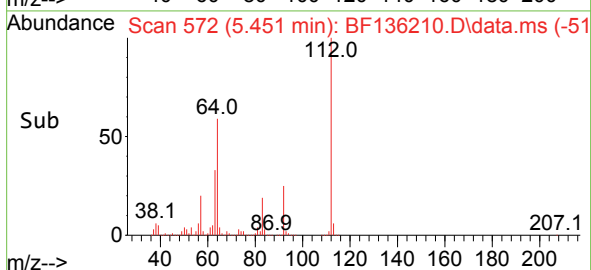
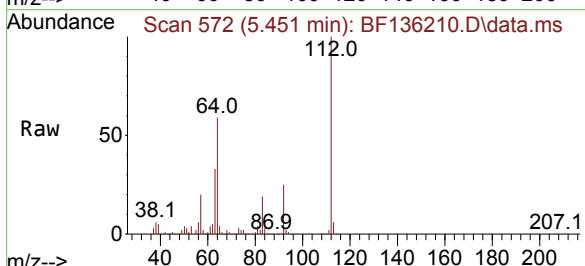


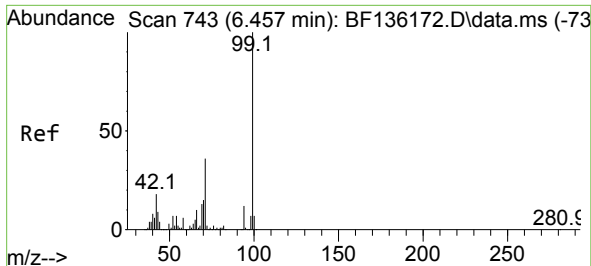
Tgt Ion:152 Resp: 136072
Ion Ratio Lower Upper
152 100
150 158.4 123.1 184.7
115 61.7 50.5 75.7



#5
2-Fluorophenol
Concen: 120.956 ng
RT: 5.451 min Scan# 572
Delta R.T. 0.017 min
Lab File: BF136210.D
Acq: 25 Nov 2023 08:13

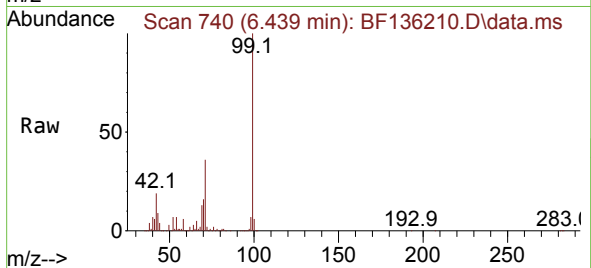
Tgt Ion:112 Resp: 1033684
Ion Ratio Lower Upper
112 100
64 58.8 45.4 68.0
63 32.9 24.4 36.6



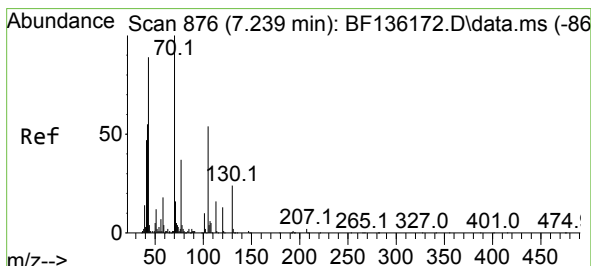
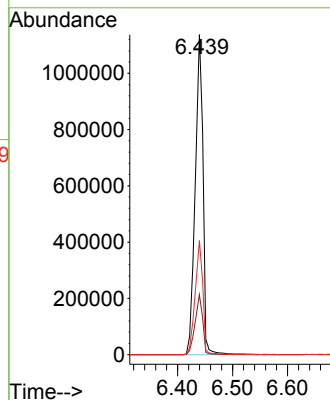
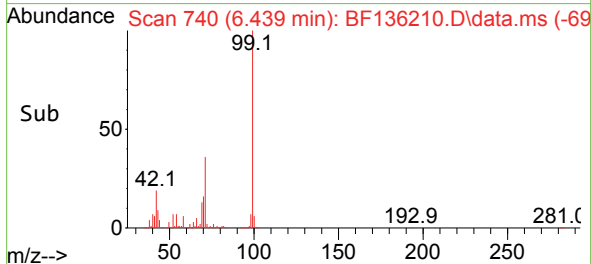


#7
Phenol-d6
Concen: 105.935 ng
RT: 6.439 min Scan# 743
Delta R.T. -0.006 min
Lab File: BF136210.D
Acq: 25 Nov 2023 08:13

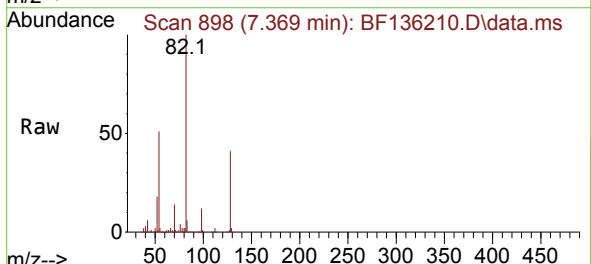
Instrument :
BNA_F
ClientSampleId :



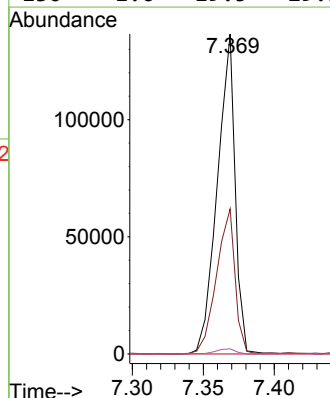
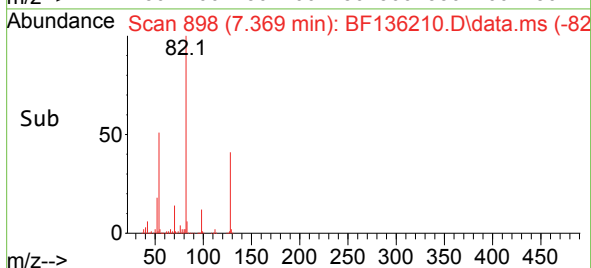
Tgt Ion: 99 Resp: 1114014
Ion Ratio Lower Upper
99 100
42 18.7 14.1 21.1
71 35.6 29.0 43.4

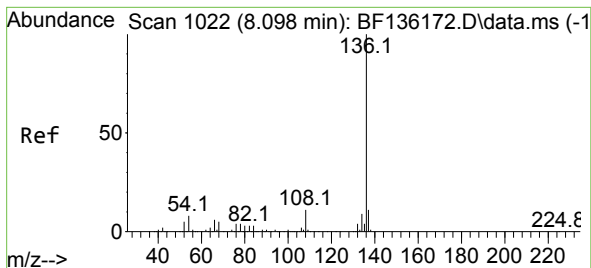


#19
n-Nitroso-di-n-propylamine
Concen: 19.576 ng
RT: 7.369 min Scan# 898
Delta R.T. 0.147 min
Lab File: BF136210.D
Acq: 25 Nov 2023 08:13



Tgt Ion: 70 Resp: 118831
Ion Ratio Lower Upper
70 100
42 45.4 43.9 65.9
101 0.0 8.1 12.1#
130 1.6 19.5 29.3#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.081 min Scan# 1

Delta R.T. -0.006 min

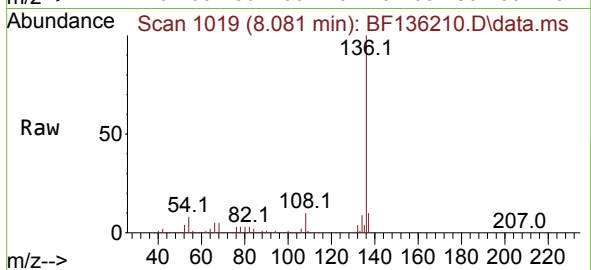
Lab File: BF136210.D

Acq: 25 Nov 2023 08:13

Instrument :

BNA_F

ClientSampleId :



Tgt Ion:136 Resp: 572724

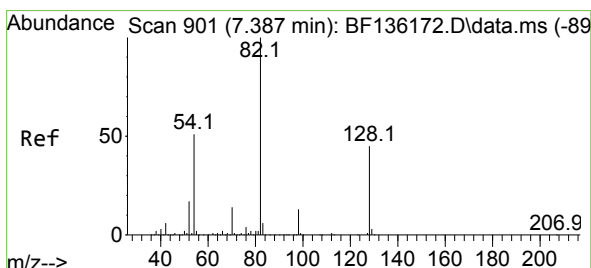
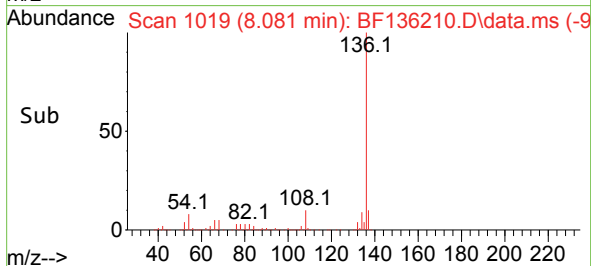
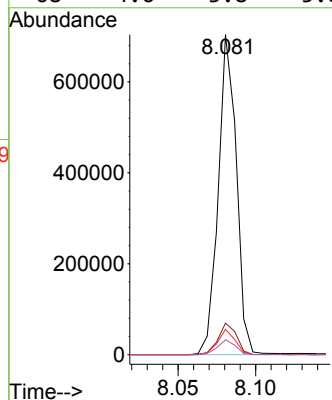
Ion Ratio Lower Upper

136 100

137 9.9 8.6 13.0

54 7.9 6.3 9.5

68 4.6 3.8 5.8



#23

Nitrobenzene-d5

Concen: 87.233 ng

RT: 7.369 min Scan# 898

Delta R.T. -0.006 min

Lab File: BF136210.D

Acq: 25 Nov 2023 08:13

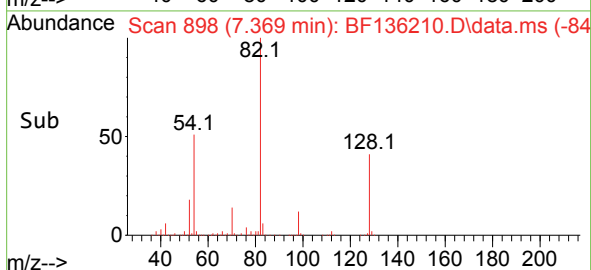
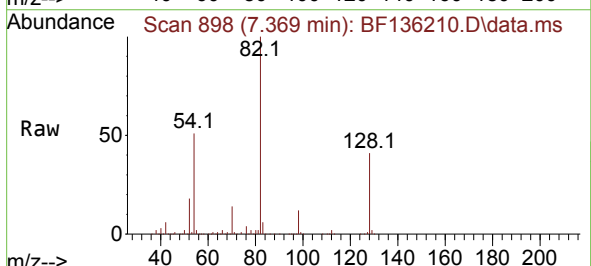
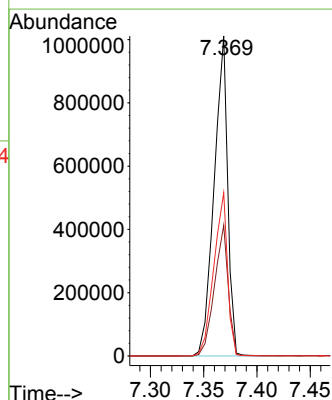
Tgt Ion: 82 Resp: 895301

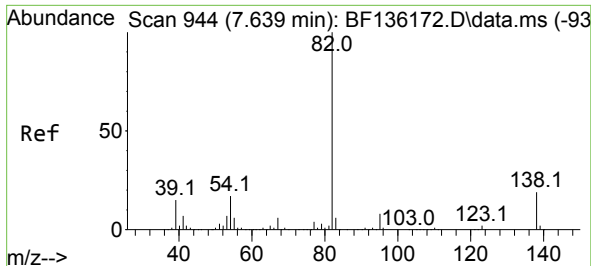
Ion Ratio Lower Upper

82 100

128 40.8 35.8 53.6

54 51.0 40.6 60.8

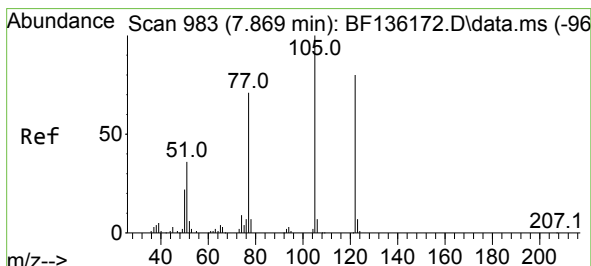
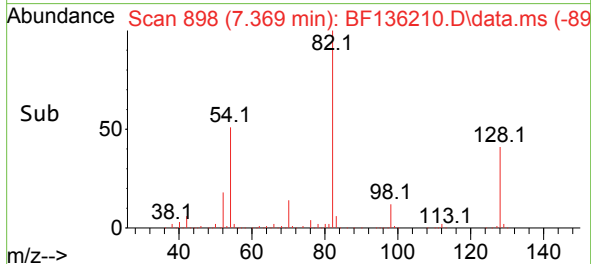
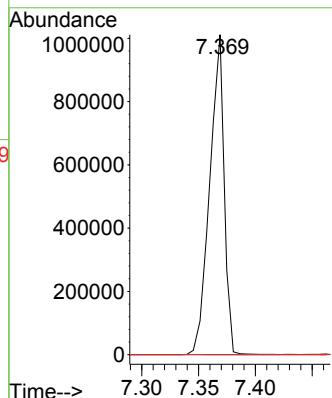
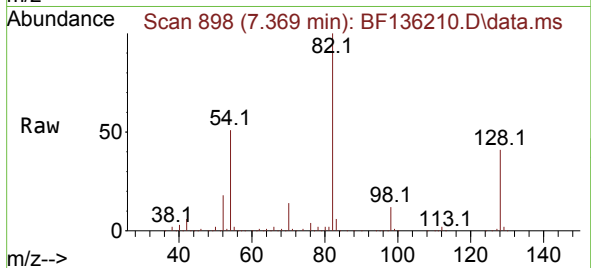




#25
Isophorone
Concen: 50.548 ng
RT: 7.369 min Scan# 89
Delta R.T. -0.259 min
Lab File: BF136210.D
Acq: 25 Nov 2023 08:13

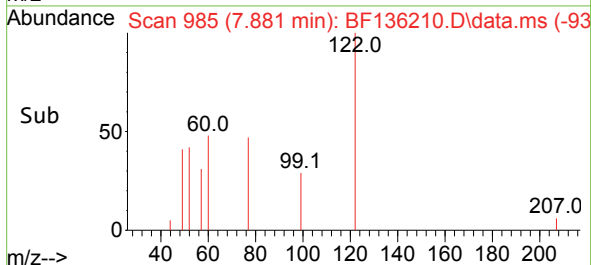
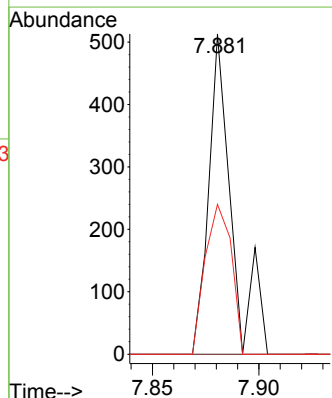
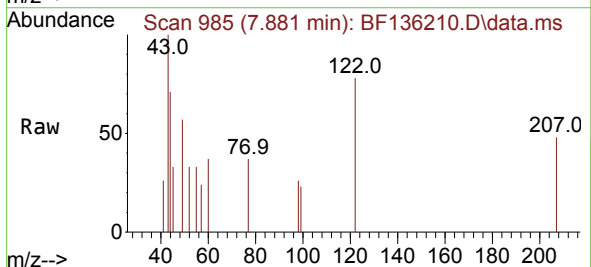
Instrument :
BNA_F
ClientSampleId :

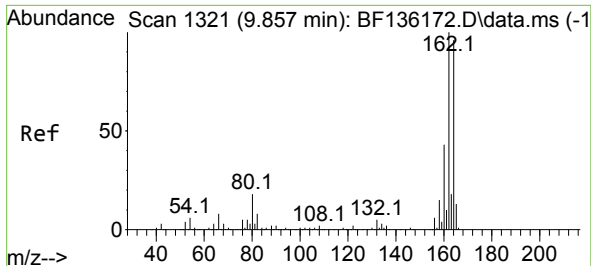
Tgt Ion: 82 Resp: 895290
Ion Ratio Lower Upper
82 100
95 0.0 6.2 9.4#
138 0.0 14.8 22.2#



#32
Benzoic acid
Concen: 5.062 ng
RT: 7.881 min Scan# 985
Delta R.T. 0.023 min
Lab File: BF136210.D
Acq: 25 Nov 2023 08:13

Tgt Ion:122 Resp: 387
Ion Ratio Lower Upper
122 100
105 0.0 102.5 142.5#
77 46.8 68.1 108.1#

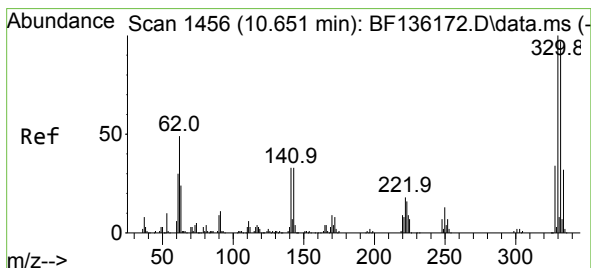
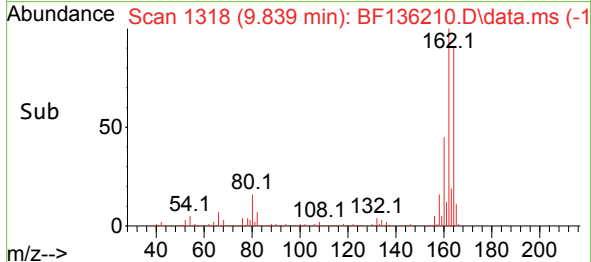
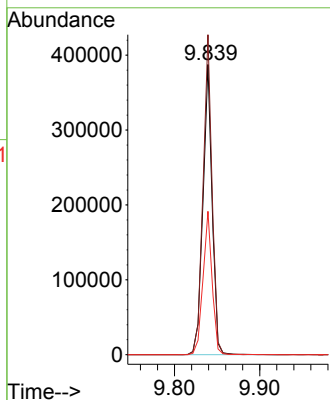
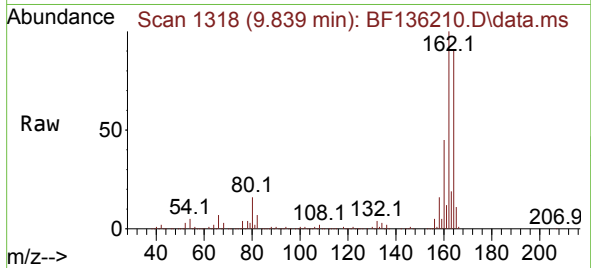




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.839 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF136210.D
Acq: 25 Nov 2023 08:13

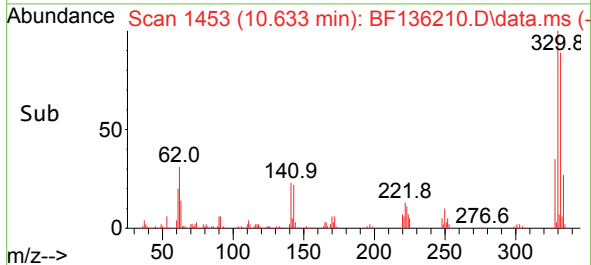
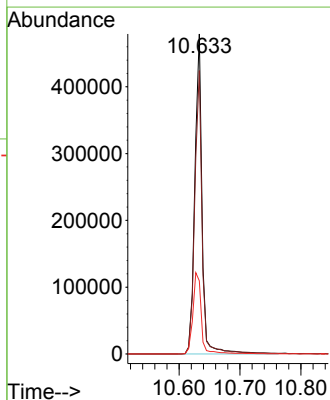
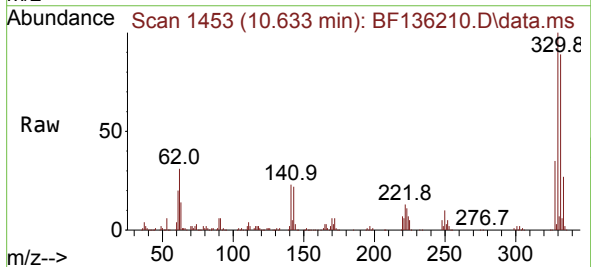
Instrument :
BNA_F
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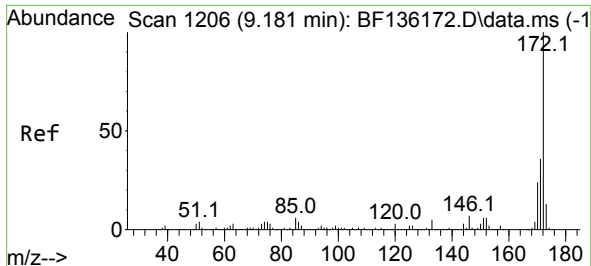
Tgt Ion:164 Resp: 290028
Ion Ratio Lower Upper
164 100
162 110.3 83.2 124.8
160 49.4 35.8 53.8



#42
2,4,6-Tribromophenol
Concen: 130.582 ng
RT: 10.633 min Scan# 1453
Delta R.T. -0.006 min
Lab File: BF136210.D
Acq: 25 Nov 2023 08:13

Tgt Ion:330 Resp: 396653
Ion Ratio Lower Upper
330 100
332 91.2 77.6 116.4
141 29.7 25.8 38.6





#45

2-Fluorobiphenyl

Concen: 93.977 ng

RT: 9.163 min Scan# 1

Delta R.T. -0.006 min

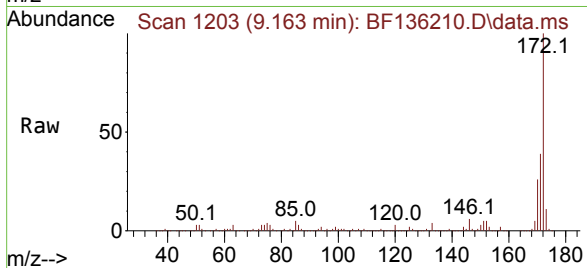
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Acq: 25 Nov 2023 08:13

Instrument :

BNA_F

ClientSampleId :



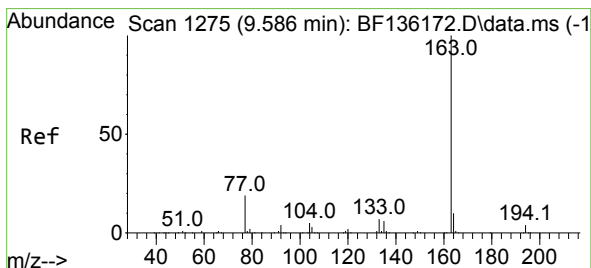
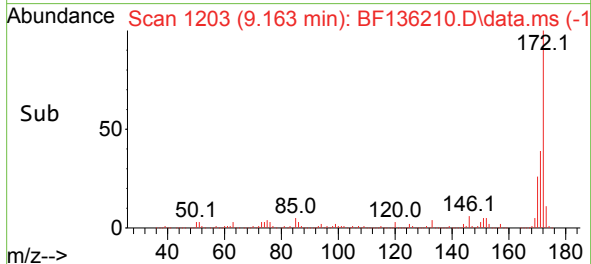
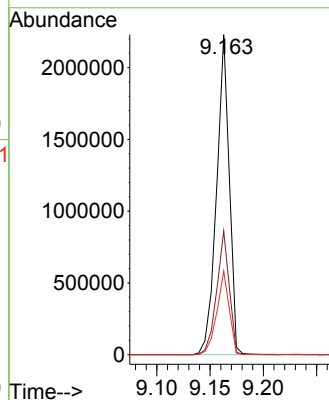
Tgt Ion:172 Resp: 1843857

Ion Ratio Lower Upper

172 100

171 38.7 28.9 43.3

170 26.1 19.1 28.7



#50

Dimethylphthalate

Concen: 3.111 ng

RT: 9.839 min Scan# 1318

Delta R.T. 0.264 min

Lab File: BF136210.D

Acq: 25 Nov 2023 08:13

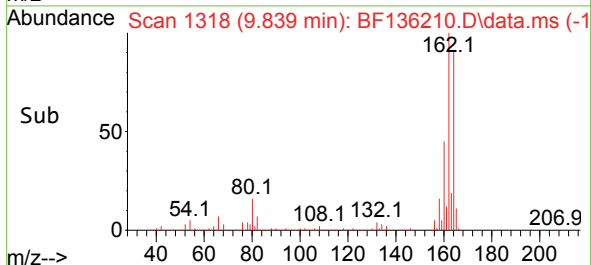
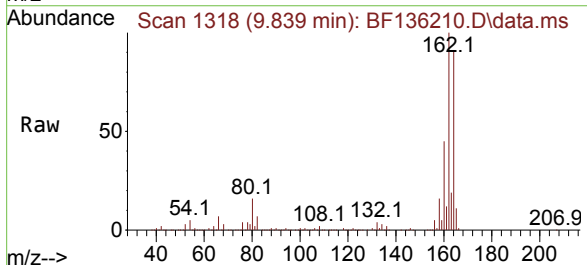
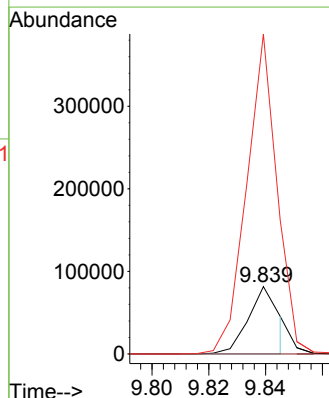
Tgt Ion:163 Resp: 60964

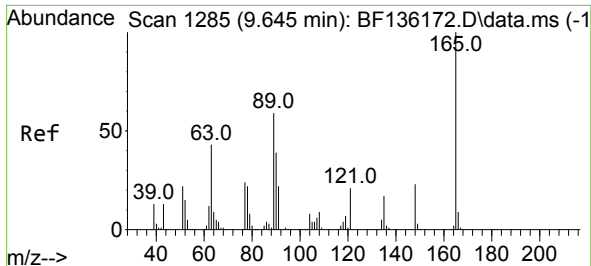
Ion Ratio Lower Upper

163 100

194 0.0 3.0 4.4#

164 475.1 7.8 11.8#

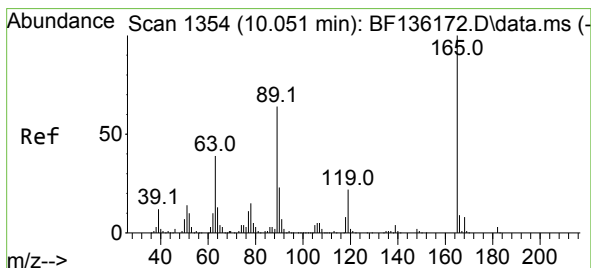
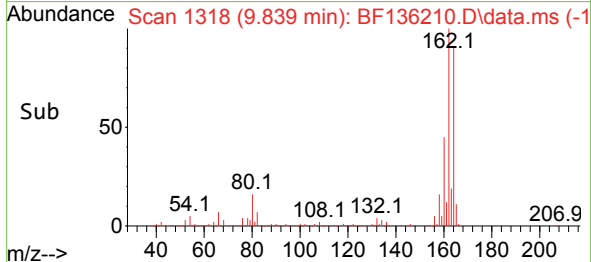
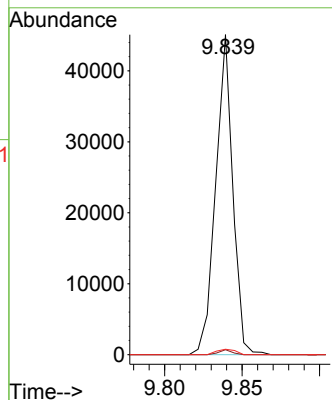
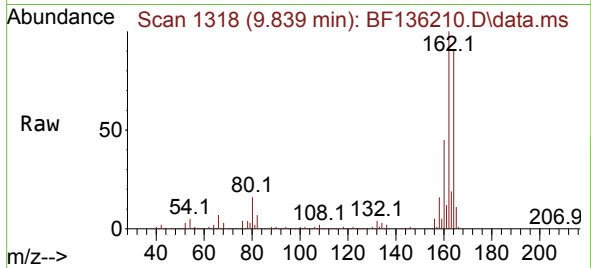




#51
2,6-Dinitrotoluene
Concen: 8.124 ng
RT: 9.839 min Scan# 1318
Delta R.T. 0.206 min
Lab File: BF136210.D
Acq: 25 Nov 2023 08:13

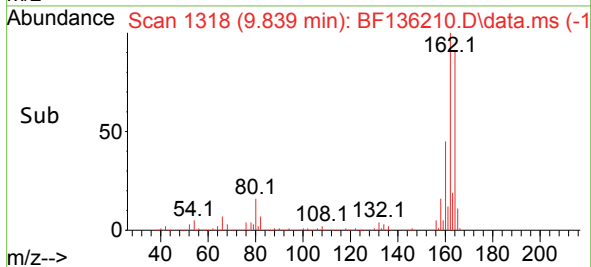
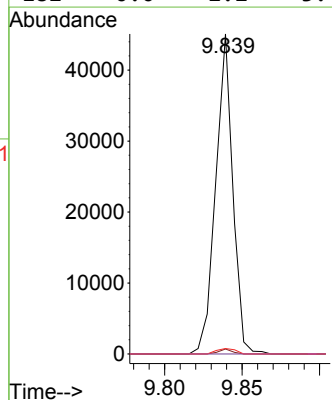
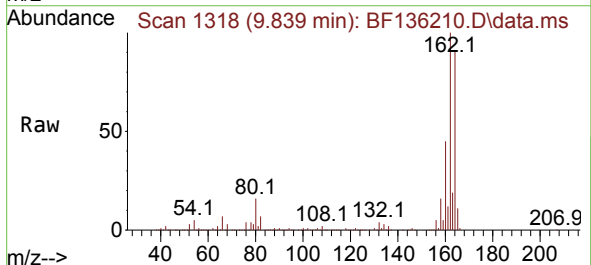
Instrument :
BNA_F
ClientSampleId :

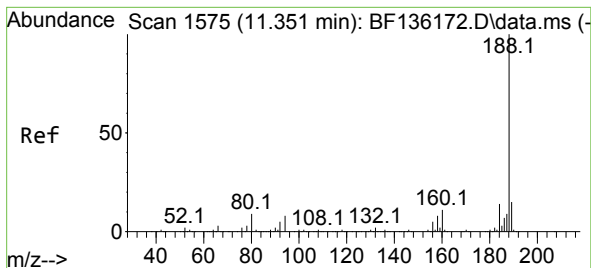
Tgt Ion:165 Resp: 34544
Ion Ratio Lower Upper
165 100
63 1.5 48.0 72.0#
89 1.7 47.2 70.8#



#57
2,4-Dinitrotoluene
Concen: 6.396 ng
RT: 9.839 min Scan# 1318
Delta R.T. -0.200 min
Lab File: BF136210.D
Acq: 25 Nov 2023 08:13

Tgt Ion:165 Resp: 34544
Ion Ratio Lower Upper
165 100
63 1.5 31.4 47.0#
89 1.7 51.6 77.4#
182 0.0 2.2 3.4#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.327 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF136210.D

Acq: 25 Nov 2023 08:13

Instrument :

BNA_F

ClientSampleId :

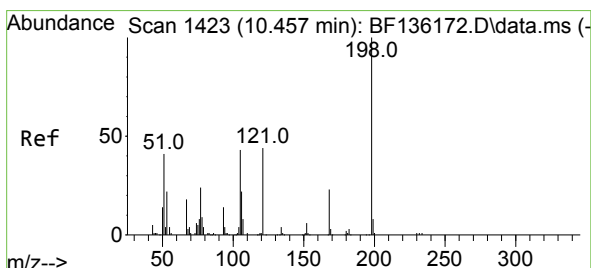
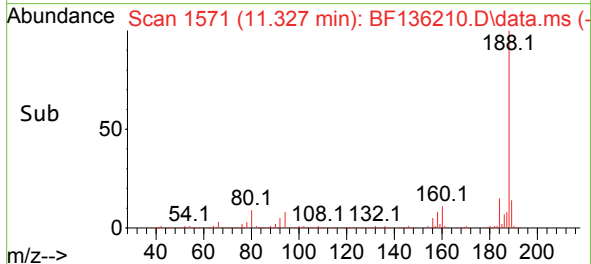
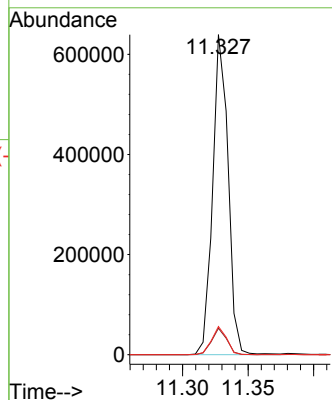
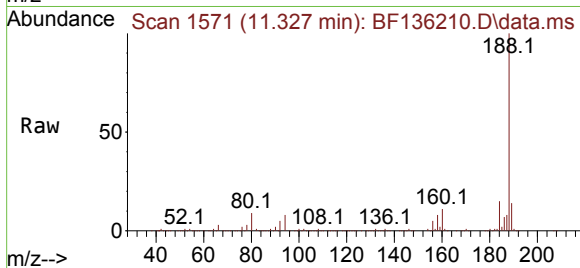
Tgt Ion:188 Resp: 524443

Ion Ratio Lower Upper

188 100

94 8.3 6.6 9.8

80 8.8 7.3 10.9



#65

4,6-Dinitro-2-methylphenol

Concen: 4.888 ng

RT: 10.633 min Scan# 1453

Delta R.T. 0.188 min

Lab File: BF136210.D

Acq: 25 Nov 2023 08:13

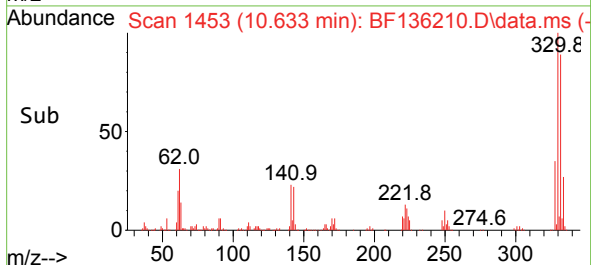
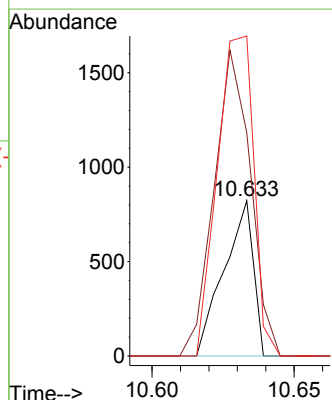
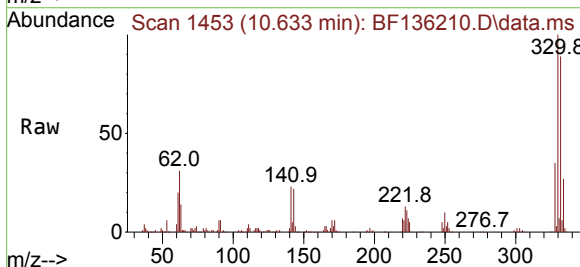
Tgt Ion:198 Resp: 589

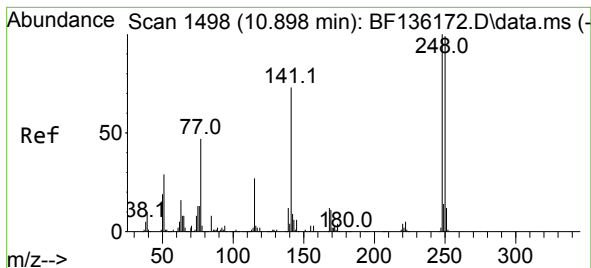
Ion Ratio Lower Upper

198 100

51 143.9 27.3 67.3#

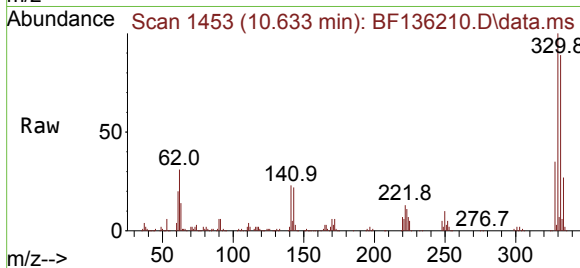
105 206.2 24.2 64.2#



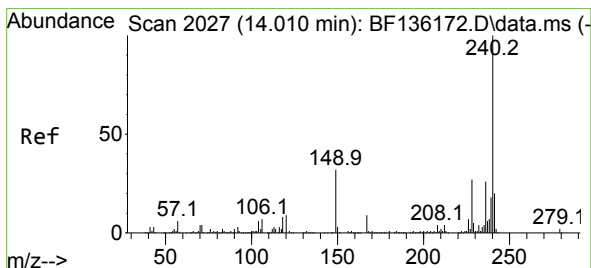
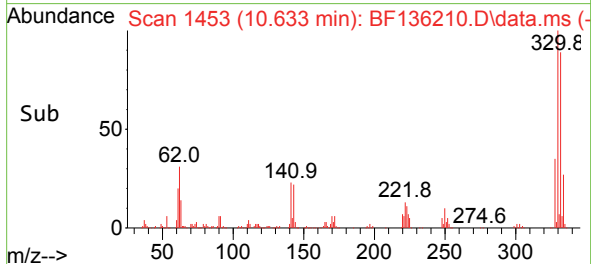
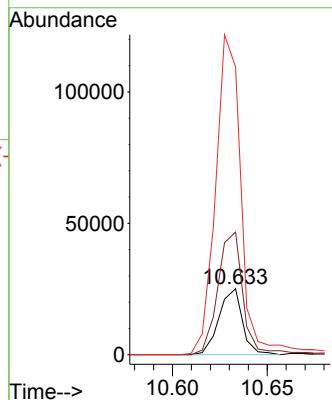


#67
4-Bromophenyl-phenylether
Concen: 3.710 ng
RT: 10.633 min Scan# 1498
Delta R.T. -0.253 min
Lab File: BF136210.D
Acq: 25 Nov 2023 08:13

Instrument :
BNA_F
ClientSampleId :

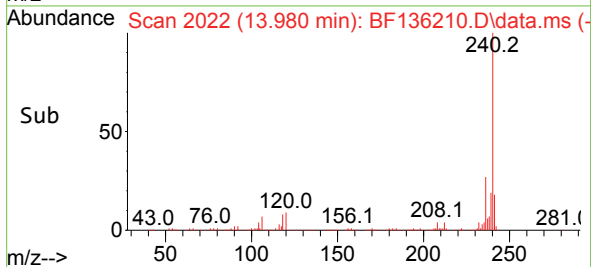
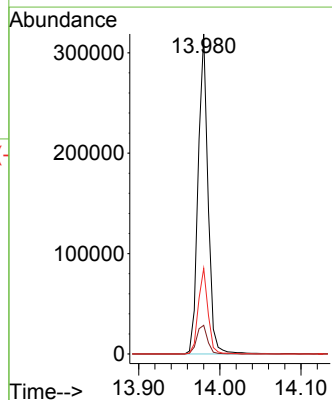
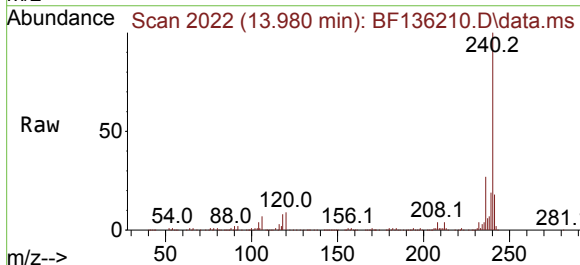


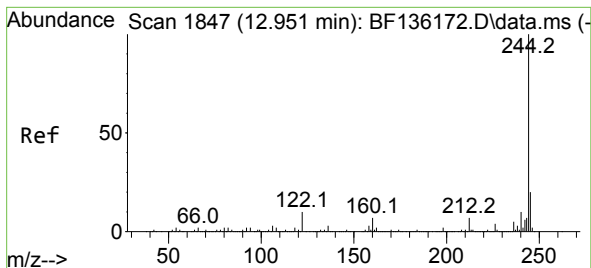
Tgt Ion:248 Resp: 21672
Ion Ratio Lower Upper
248 100
250 186.0 79.0 118.4#
141 436.3 58.8 88.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.980 min Scan# 2022
Delta R.T. -0.006 min
Lab File: BF136210.D
Acq: 25 Nov 2023 08:13

Tgt Ion:240 Resp: 270873
Ion Ratio Lower Upper
240 100
120 8.9 7.1 10.7
236 26.8 20.9 31.3





#79

Terphenyl-d14

Concen: 100.073 ng

RT: 12.927 min Scan# 11

Delta R.T. -0.006 min

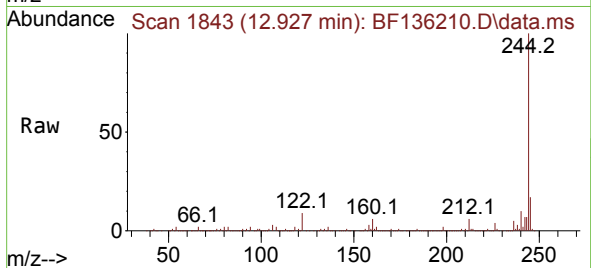
Lab File: BF136210.D

Acq: 25 Nov 2023 08:13

Instrument :

BNA_F

ClientSampleId :



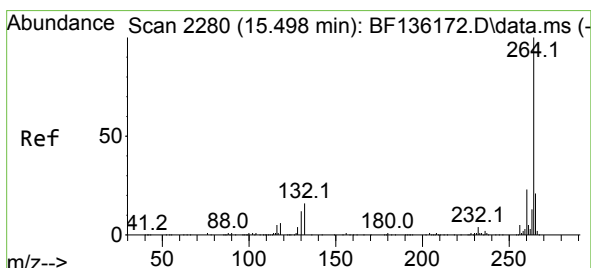
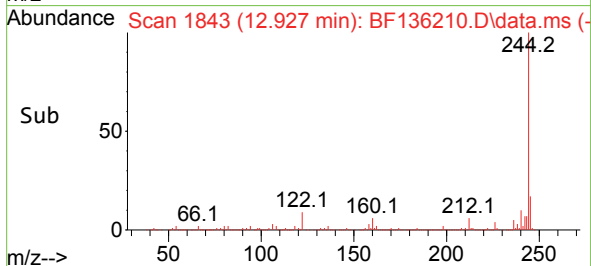
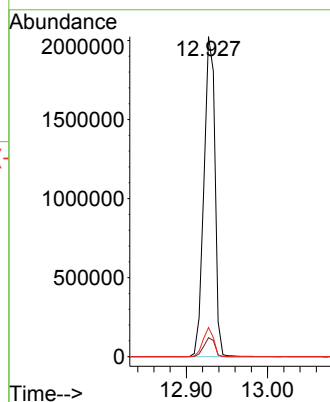
Tgt Ion:244 Resp: 1909662

Ion Ratio Lower Upper

244 100

212 5.9 5.4 8.0

122 9.1 8.1 12.1



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.462 min Scan# 2274

Delta R.T. -0.006 min

Lab File: BF136210.D

Acq: 25 Nov 2023 08:13

Tgt Ion:264 Resp: 265661

Ion Ratio Lower Upper

264 100

260 23.5 18.5 27.7

265 20.0 16.9 25.3

