

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112423\
 Data File : BF136209.D
 Acq On : 25 Nov 2023 07:42
 Operator : CG\JU
 Sample : 05451-03
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 27 02:19:52 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)

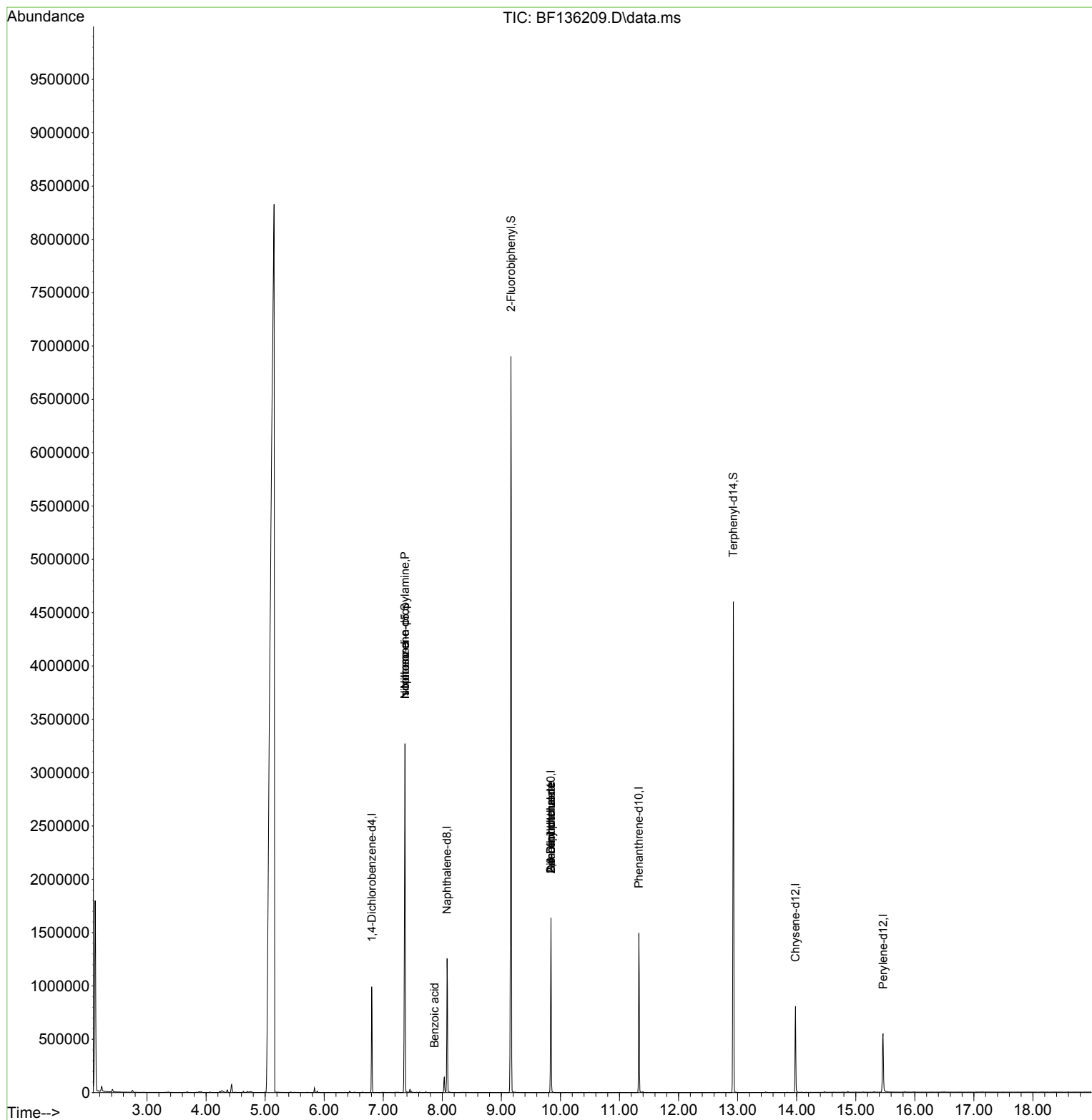
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.804	152	128783	20.000	ng	0.00
21) Naphthalene-d8	8.081	136	556826	20.000	ng	0.00
39) Acenaphthene-d10	9.839	164	285100	20.000	ng	0.00
64) Phenanthrene-d10	11.327	188	518683	20.000	ng	-0.01
76) Chrysene-d12	13.980	240	260894	20.000	ng	0.00
86) Perylene-d12	15.462	264	267877	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.451	112	288	0.036	ng	0.02
7) Phenol-d6	6.428	99	4609	0.463	ng	-0.02
23) Nitrobenzene-d5	7.369	82	1088999	109.136	ng	0.00
42) 2,4,6-Tribromophenol	0.000	330	0	0.000	ng	
45) 2-Fluorobiphenyl	9.163	172	2265835	117.480	ng	0.00
79) Terphenyl-d14	12.927	244	1634730	88.943	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.369	70	144025	25.069	ng	# 76
25) Isophorone	7.369	82	1088979	63.239	ng	# 64
32) Benzoic acid	7.869	122	165	5.030	ng	# 1
50) Dimethylphthalate	9.839	163	59267	3.077	ng	# 1
51) 2,6-Dinitrotoluene	9.839	165	32566	7.791	ng	# 23
57) 2,4-Dinitrotoluene	9.839	165	32566	6.134	ng	# 28

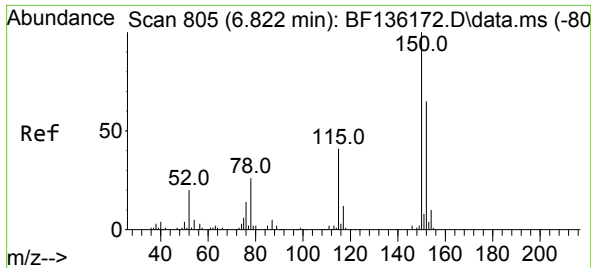
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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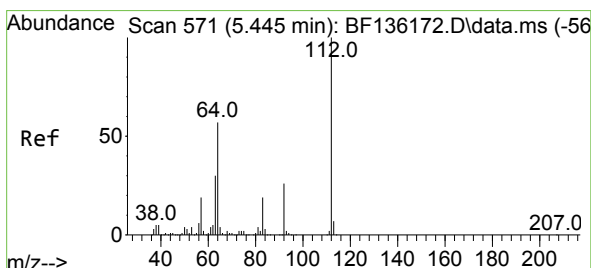
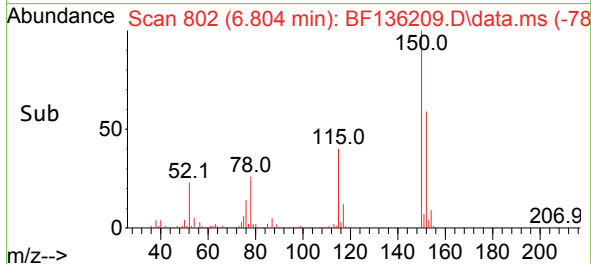
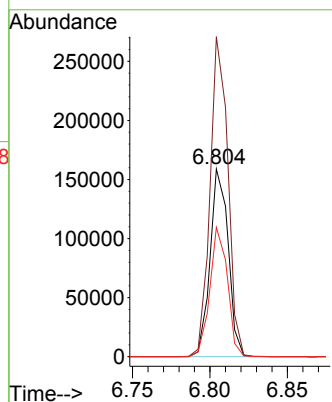
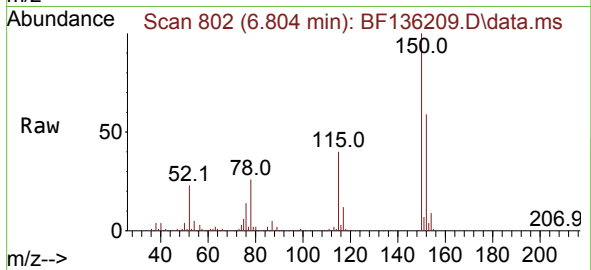




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.804 min Scan# 805
 Delta R.T. -0.006 min
 Lab File: BF136209.D
 Acq: 25 Nov 2023 07:42

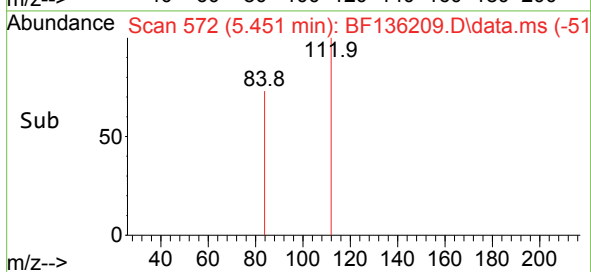
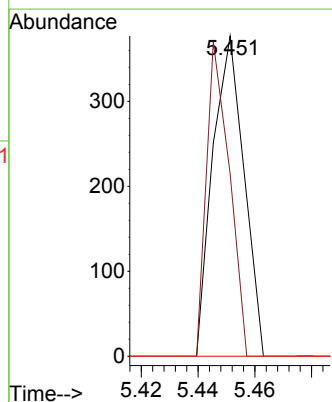
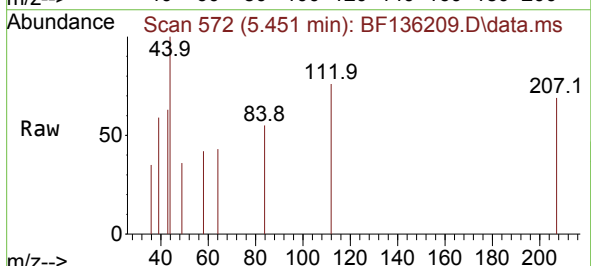
Instrument :
 BNA_F
 ClientSampleId :

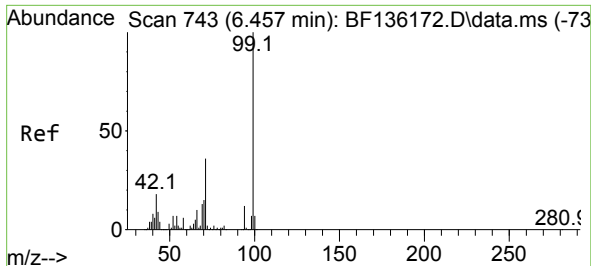
Tgt Ion:152 Resp: 128783
 Ion Ratio Lower Upper
 152 100
 150 170.5 123.1 184.7
 115 68.9 50.5 75.7



#5
 2-Fluorophenol
 Concen: 0.036 ng
 RT: 5.451 min Scan# 572
 Delta R.T. 0.017 min
 Lab File: BF136209.D
 Acq: 25 Nov 2023 07:42

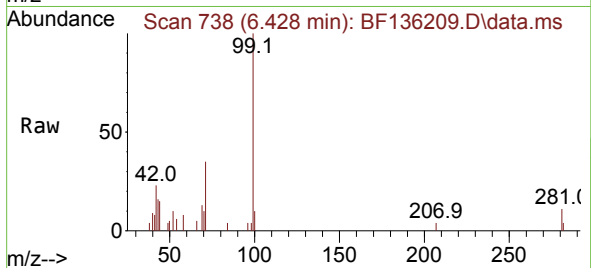
Tgt Ion:112 Resp: 288
 Ion Ratio Lower Upper
 112 100
 64 57.0 45.4 68.0
 63 0.0 24.4 36.6#



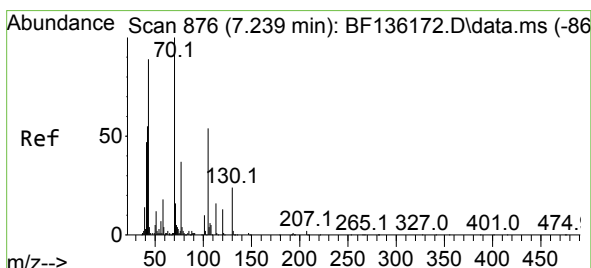
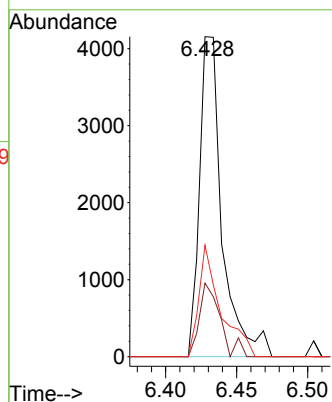
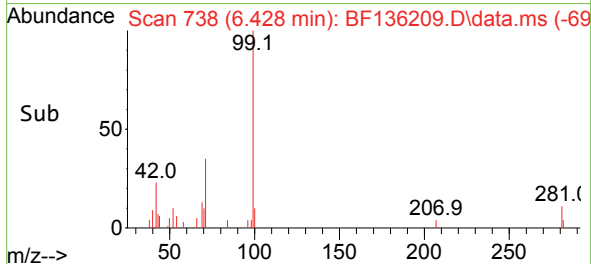


#7
Phenol-d6
Concen: 0.463 ng
RT: 6.428 min Scan# 71
Delta R.T. -0.018 min
Lab File: BF136209.D
Acq: 25 Nov 2023 07:42

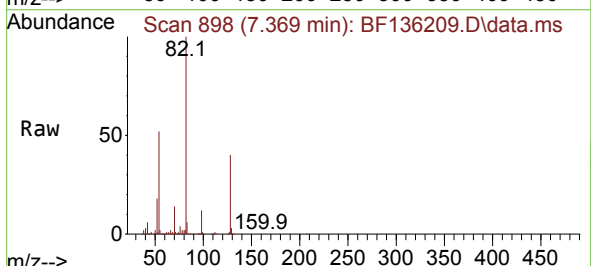
Instrument :
BNA_F
ClientSampleId :



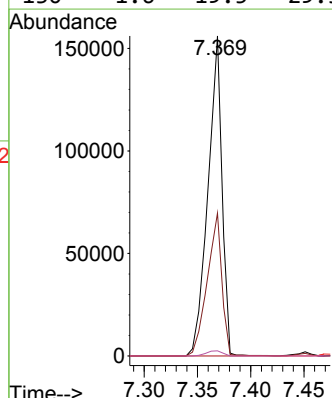
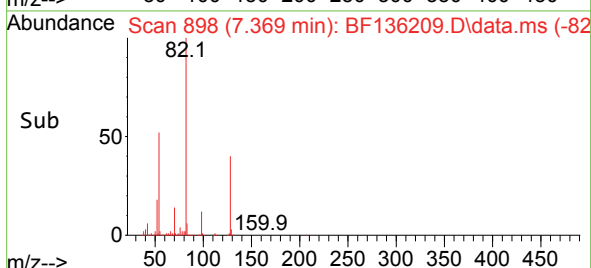
Tgt Ion: 99 Resp: 4609
Ion Ratio Lower Upper
99 100
42 23.0 14.1 21.1#
71 34.8 29.0 43.4

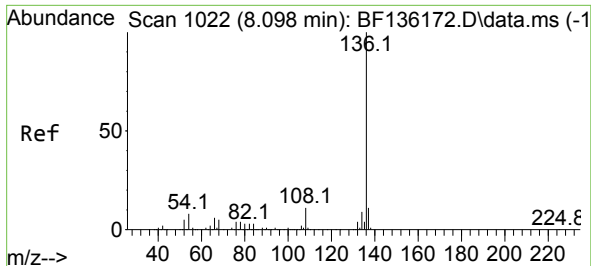


#19
n-Nitroso-di-n-propylamine
Concen: 25.069 ng
RT: 7.369 min Scan# 898
Delta R.T. 0.147 min
Lab File: BF136209.D
Acq: 25 Nov 2023 07:42



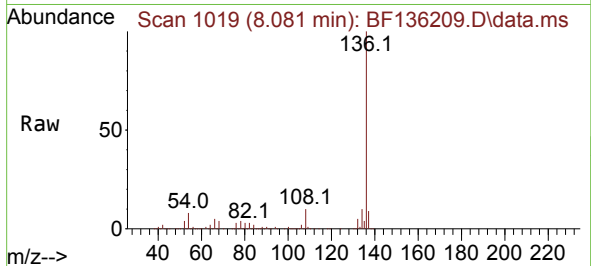
Tgt Ion: 70 Resp: 144025
Ion Ratio Lower Upper
70 100
42 44.6 43.9 65.9
101 0.0 8.1 12.1#
130 1.6 19.5 29.3#



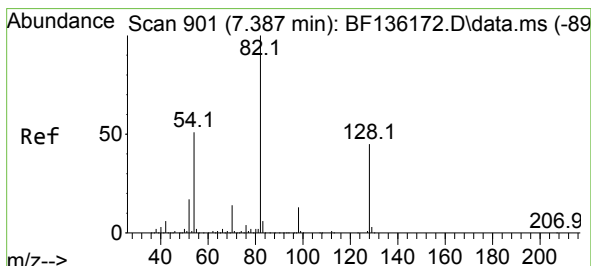
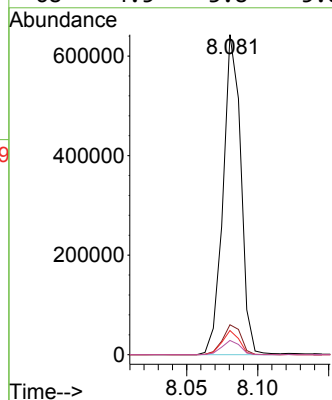
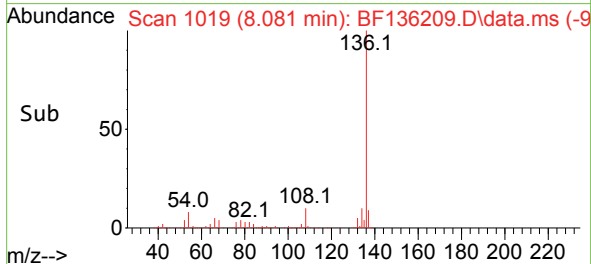


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.081 min Scan# 1019
Delta R.T. -0.006 min
Lab File: BF136209.D
Acq: 25 Nov 2023 07:42

Instrument :
BNA_F
ClientSampleId :

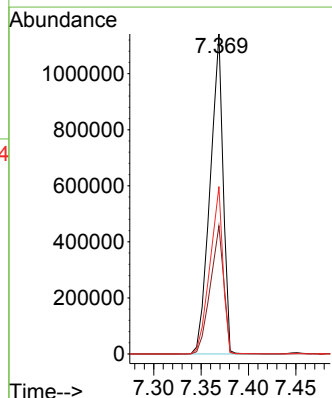
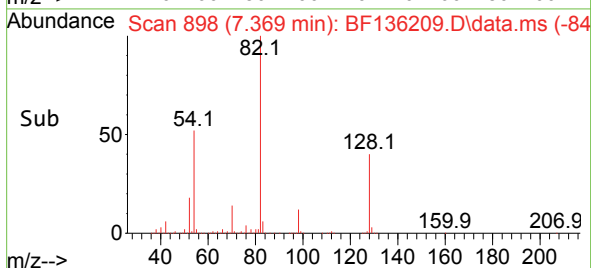
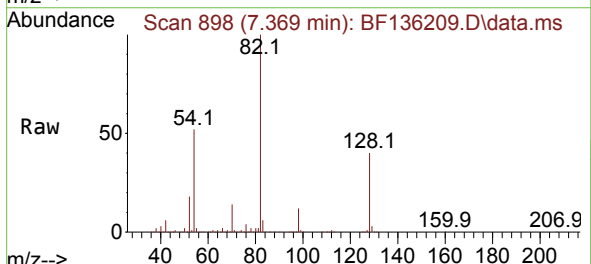


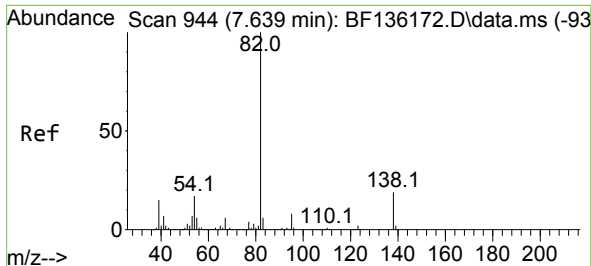
Tgt Ion:136 Resp: 556826
Ion Ratio Lower Upper
136 100
137 9.4 8.6 13.0
54 7.6 6.3 9.5
68 4.5 3.8 5.8



#23
Nitrobenzene-d5
Concen: 109.136 ng
RT: 7.369 min Scan# 898
Delta R.T. -0.006 min
Lab File: BF136209.D
Acq: 25 Nov 2023 07:42

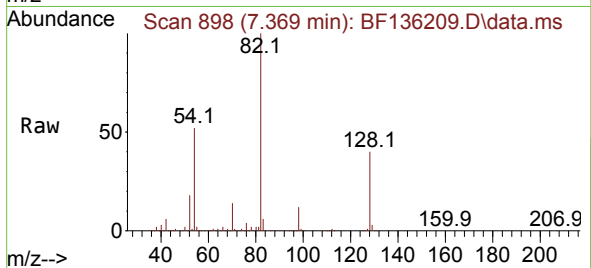
Tgt Ion: 82 Resp: 1088999
Ion Ratio Lower Upper
82 100
128 40.1 35.8 53.6
54 52.3 40.6 60.8



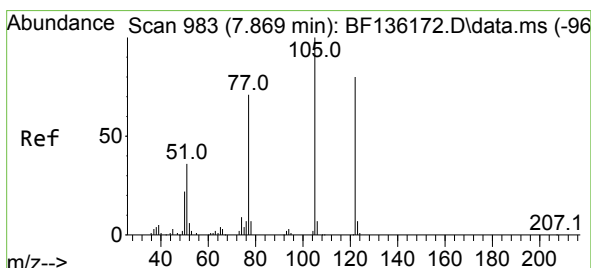
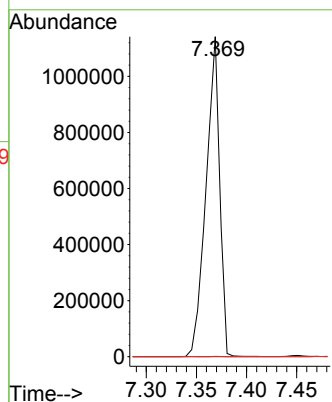
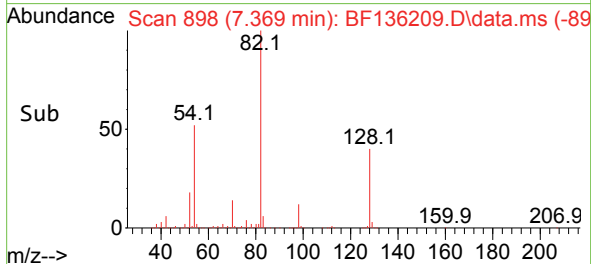


#25
Isophorone
Concen: 63.239 ng
RT: 7.369 min Scan# 898
Delta R.T. -0.259 min
Lab File: BF136209.D
Acq: 25 Nov 2023 07:42

Instrument :
BNA_F
ClientSampleId :

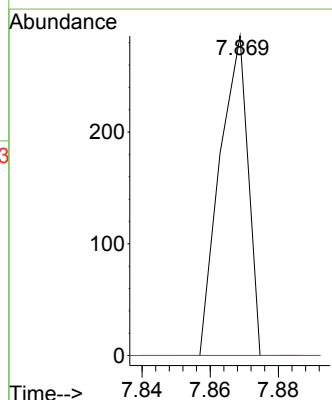
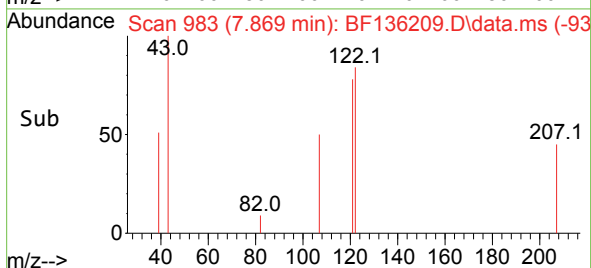
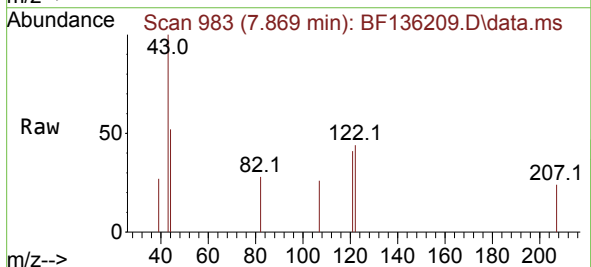


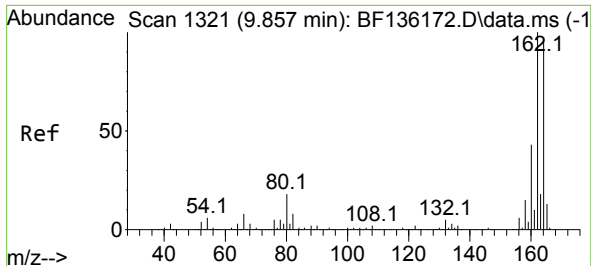
Tgt Ion: 82 Resp: 1088979
Ion Ratio Lower Upper
82 100
95 0.1 6.2 9.4#
138 0.0 14.8 22.2#



#32
Benzoic acid
Concen: 5.030 ng
RT: 7.869 min Scan# 983
Delta R.T. 0.011 min
Lab File: BF136209.D
Acq: 25 Nov 2023 07:42

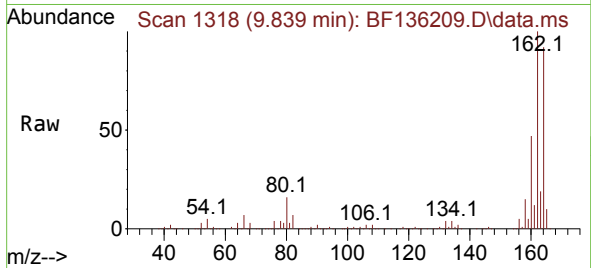
Tgt Ion:122 Resp: 165
Ion Ratio Lower Upper
122 100
105 0.0 102.5 142.5#
77 0.0 68.1 108.1#



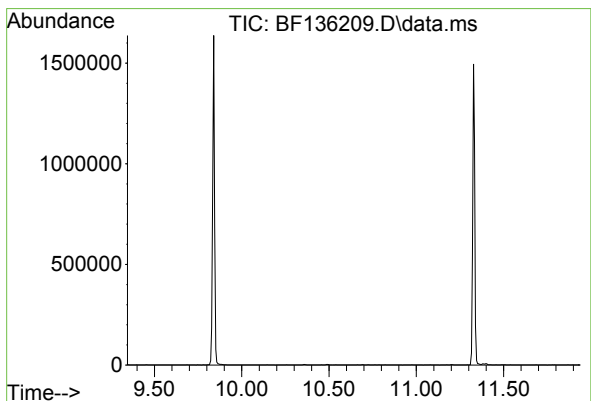
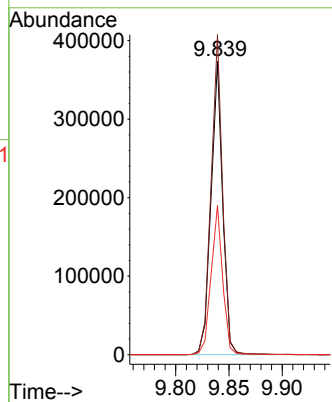
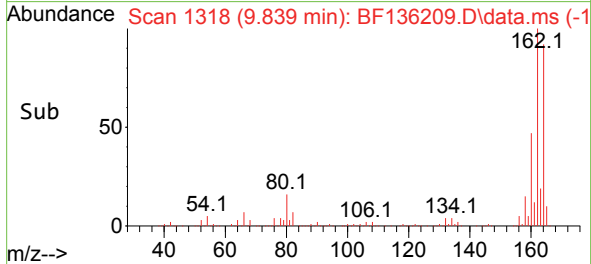


#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.839 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF136209.D
 Acq: 25 Nov 2023 07:42

Instrument :
 BNA_F
 ClientSampleId :



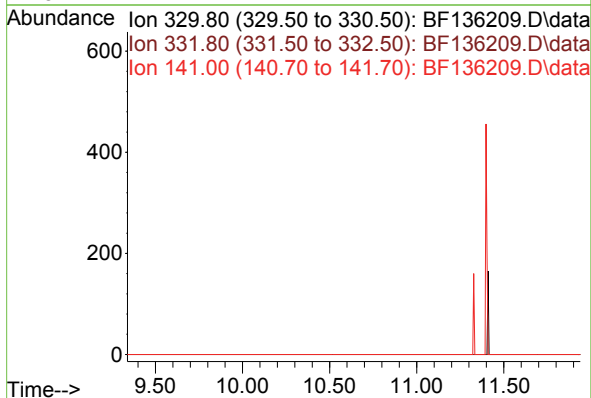
Tgt Ion:164 Resp: 285100
 Ion Ratio Lower Upper
 164 100
 162 109.1 83.2 124.8
 160 50.8 35.8 53.8

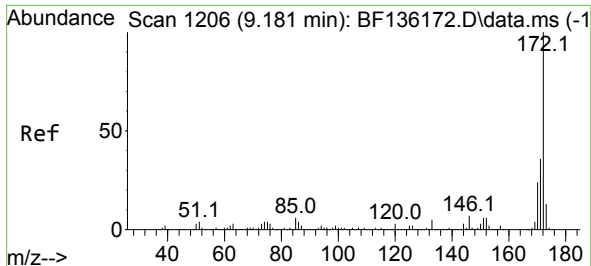


#42
 2,4,6-Tribromophenol
 Concen: 0.000 ng
 Expected RT: 10.64 min

Lab File: BF136209.D
 Acq: 25 Nov 2023 07:42

Tgt Ion: 330
 Sig Exp Ratio
 330 100
 332 97.0
 141 32.2





#45

2-Fluorobiphenyl

Concen: 117.480 ng

RT: 9.163 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF136209.D

Acq: 25 Nov 2023 07:42

Instrument :

BNA_F

ClientSampleId :

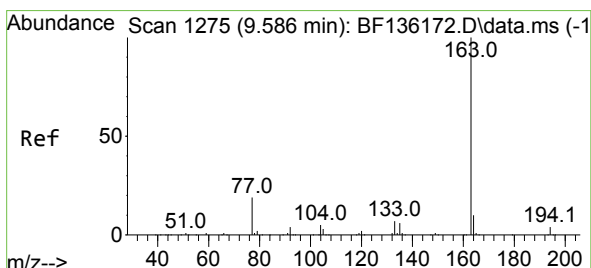
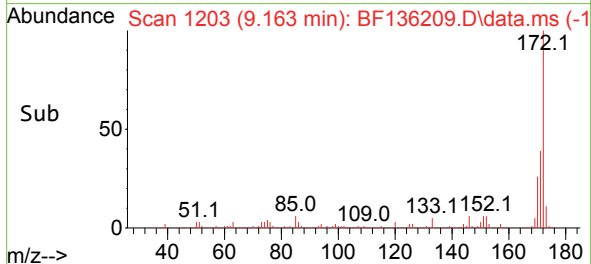
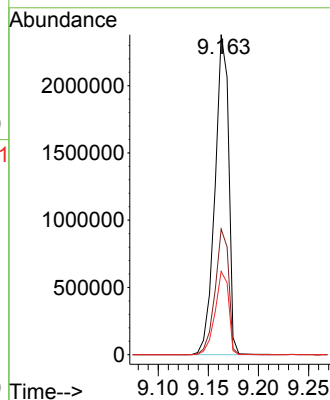
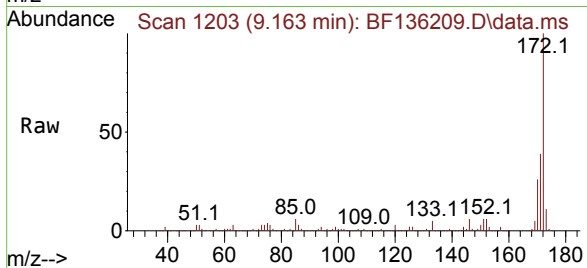
Tgt Ion:172 Resp: 2265835

Ion Ratio Lower Upper

172 100

171 39.3 28.9 43.3

170 26.0 19.1 28.7



#50

Dimethylphthalate

Concen: 3.077 ng

RT: 9.839 min Scan# 1318

Delta R.T. 0.264 min

Lab File: BF136209.D

Acq: 25 Nov 2023 07:42

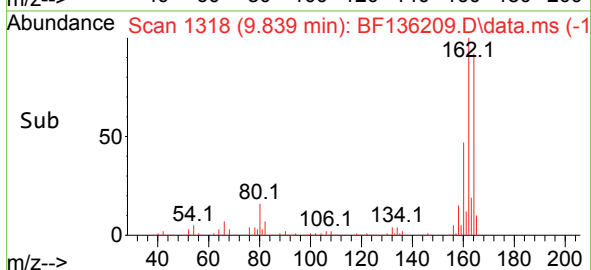
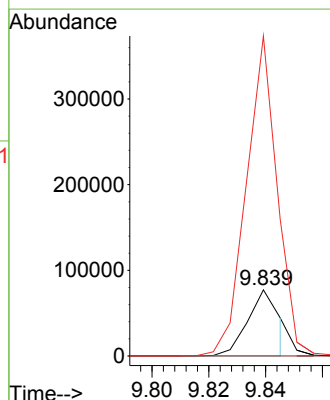
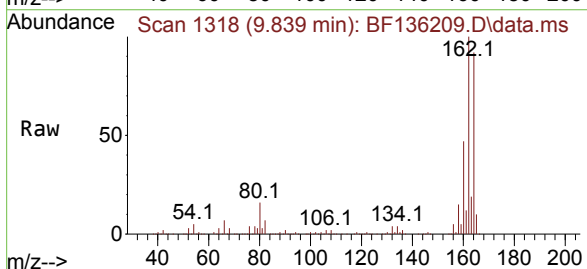
Tgt Ion:163 Resp: 59267

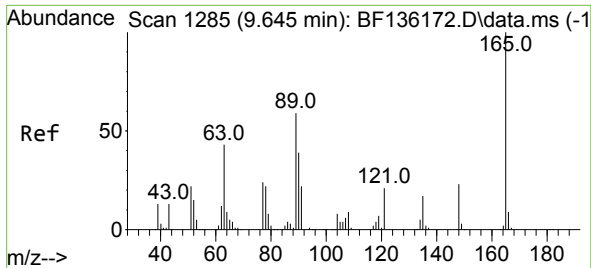
Ion Ratio Lower Upper

163 100

194 0.0 3.0 4.4#

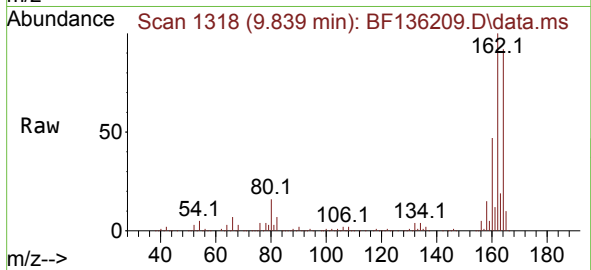
164 484.3 7.8 11.8#



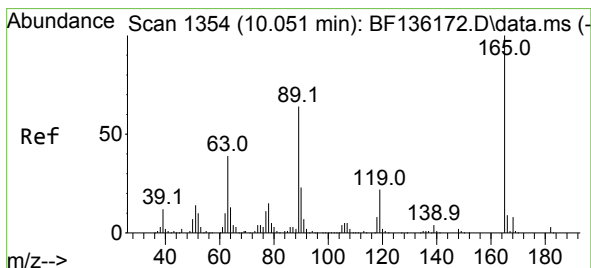
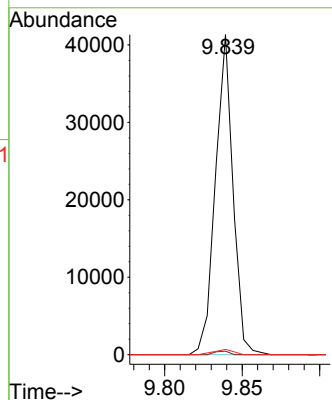
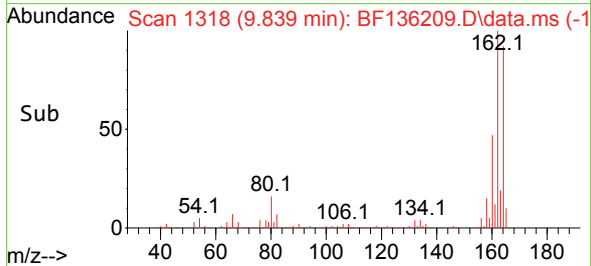


#51
2,6-Dinitrotoluene
Concen: 7.791 ng
RT: 9.839 min Scan# 1318
Delta R.T. 0.206 min
Lab File: BF136209.D
Acq: 25 Nov 2023 07:42

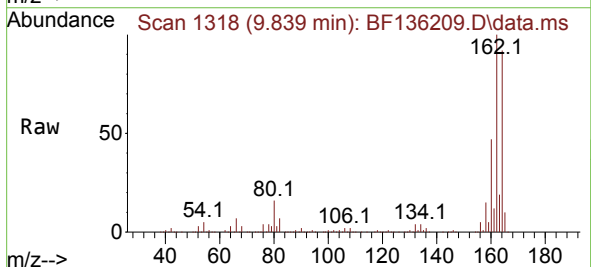
Instrument :
BNA_F
ClientSampleId :



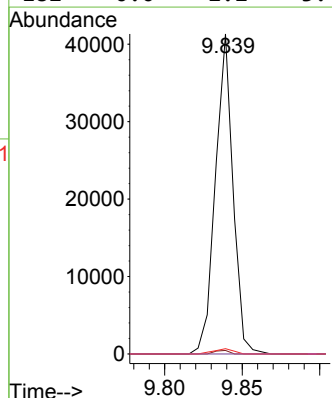
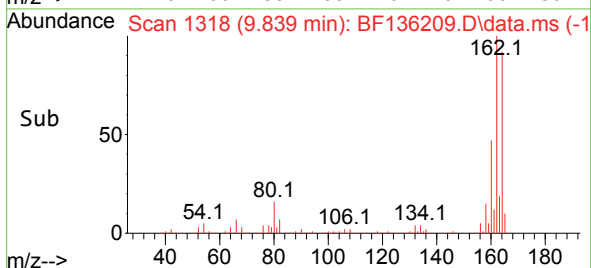
Tgt Ion:165 Resp: 32566
Ion Ratio Lower Upper
165 100
63 1.1 48.0 72.0#
89 1.6 47.2 70.8#

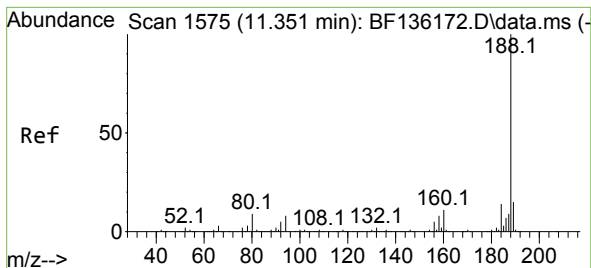


#57
2,4-Dinitrotoluene
Concen: 6.134 ng
RT: 9.839 min Scan# 1318
Delta R.T. -0.200 min
Lab File: BF136209.D
Acq: 25 Nov 2023 07:42



Tgt Ion:165 Resp: 32566
Ion Ratio Lower Upper
165 100
63 1.1 31.4 47.0#
89 1.6 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: BF136209.D

Acq: 25 Nov 2023 07:42

Instrument :

BNA_F

ClientSampleId :

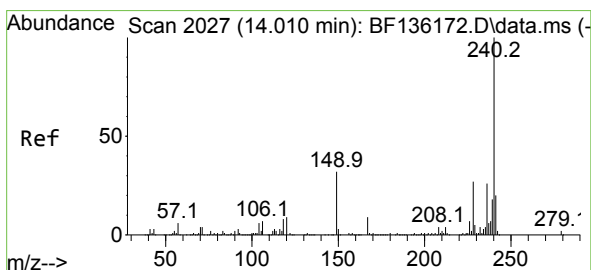
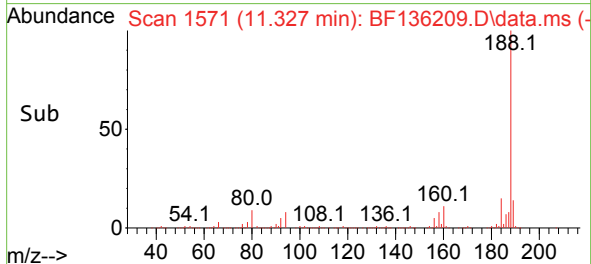
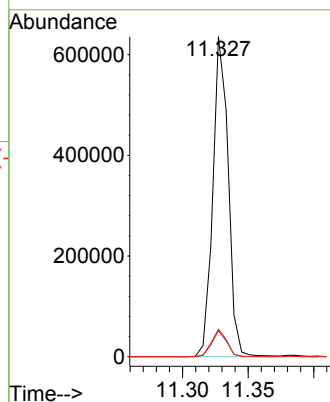
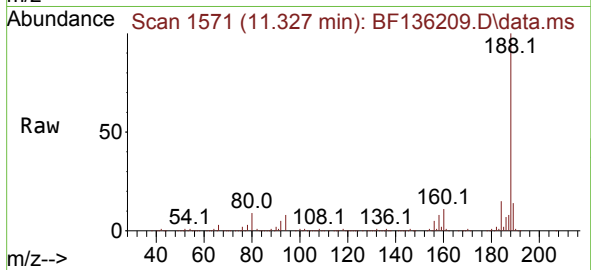
Tgt Ion:188 Resp: 518683

Ion Ratio Lower Upper

188 100

94 8.2 6.6 9.8

80 8.6 7.3 10.9



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.980 min Scan# 2022

Delta R.T. -0.006 min

Lab File: BF136209.D

Acq: 25 Nov 2023 07:42

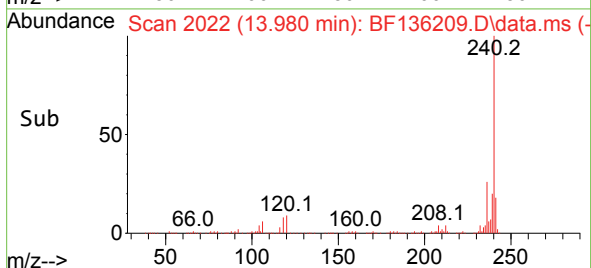
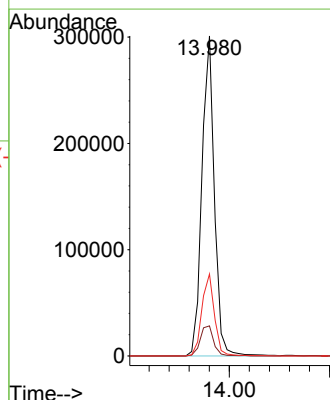
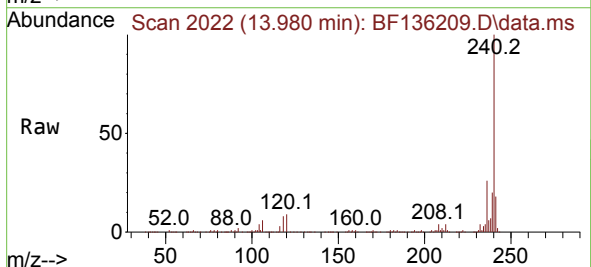
Tgt Ion:240 Resp: 260894

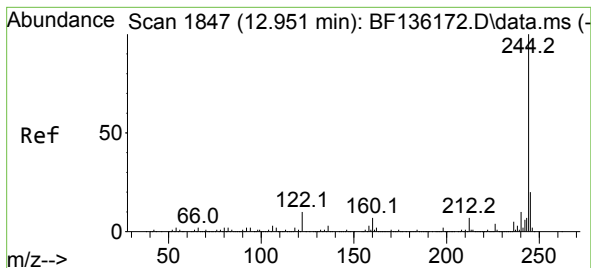
Ion Ratio Lower Upper

240 100

120 9.4 7.1 10.7

236 25.6 20.9 31.3





#79

Terphenyl-d14

Concen: 88.943 ng

RT: 12.927 min Scan# 11

Delta R.T. -0.006 min

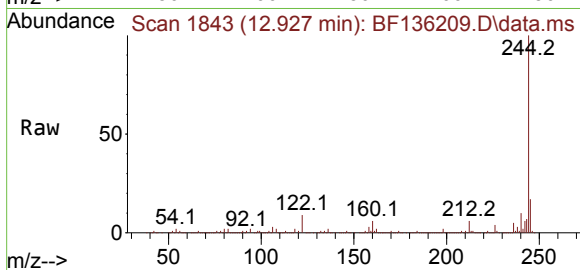
Lab File: BF136209.D

Acq: 25 Nov 2023 07:42

Instrument :

BNA_F

ClientSampleId :



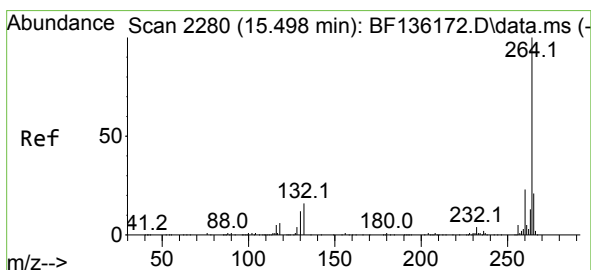
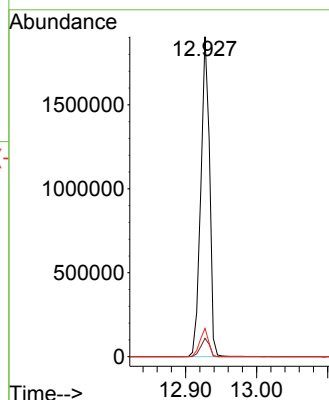
Tgt Ion:244 Resp: 1634730

Ion Ratio Lower Upper

244 100

212 5.8 5.4 8.0

122 8.9 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: BF136209.D

Acq: 25 Nov 2023 07:42

Tgt Ion:264 Resp: 267877

Ion Ratio Lower Upper

264 100

260 23.2 18.5 27.7

265 19.4 16.9 25.3

