

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112423\
 Data File : BF136213.D
 Acq On : 25 Nov 2023 09:49
 Operator : CG\JU
 Sample : 05466-06
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 27 02:21:18 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)

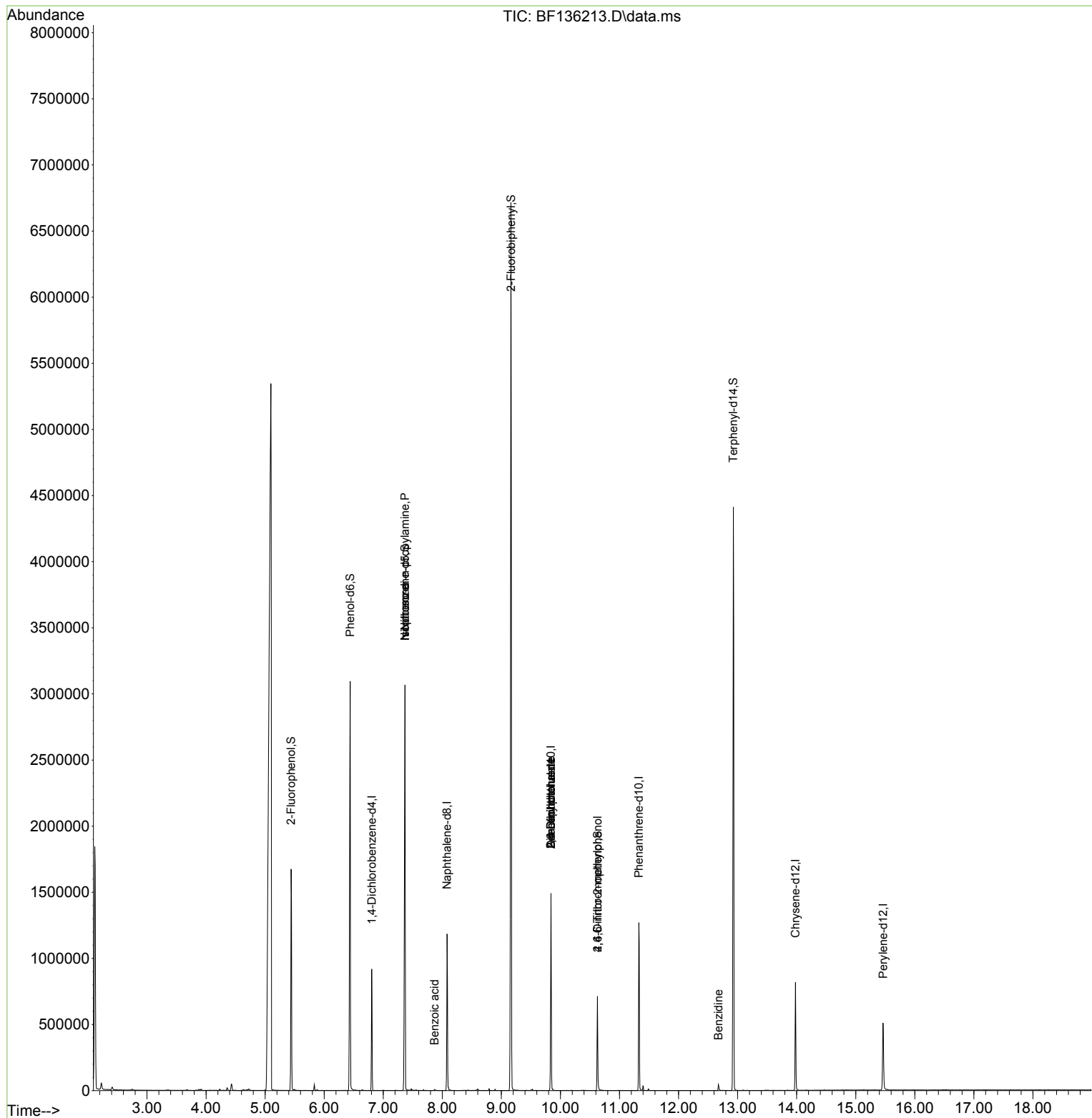
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.804	152	119765	20.000	ng	0.00
21) Naphthalene-d8	8.081	136	505798	20.000	ng	0.00
39) Acenaphthene-d10	9.839	164	260498	20.000	ng	0.00
64) Phenanthrene-d10	11.327	188	485610	20.000	ng	-0.01
76) Chrysene-d12	13.980	240	254317	20.000	ng	0.00
86) Perylene-d12	15.462	264	248181	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.440	112	426278	56.672	ng	0.00
7) Phenol-d6	6.439	99	1008951	109.008	ng	0.00
23) Nitrobenzene-d5	7.369	82	1025832	113.177	ng	0.00
42) 2,4,6-Tribromophenol	10.627	330	81398	29.835	ng	-0.01
45) 2-Fluorobiphenyl	9.163	172	2132524	121.010	ng	0.00
79) Terphenyl-d14	12.927	244	1688546	94.247	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.369	70	138294	25.884	ng	# 76
25) Isophorone	7.369	82	1025821	65.581	ng	# 64
32) Benzoic acid	7.869	122	2563	5.437	ng	# 11
50) Dimethylphthalate	9.839	163	53048	3.014	ng	# 1
51) 2,6-Dinitrotoluene	9.839	165	31254	8.183	ng	# 23
57) 2,4-Dinitrotoluene	9.839	165	31254	6.443	ng	# 28
65) 4,6-Dinitro-2-methylph...	10.627	198	141	4.758	ng	# 1
77) Benzidine	12.674	184	21704	4.929	ng	99

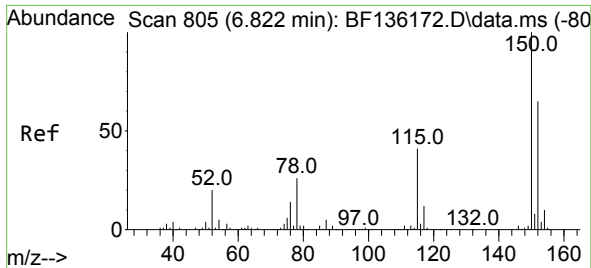
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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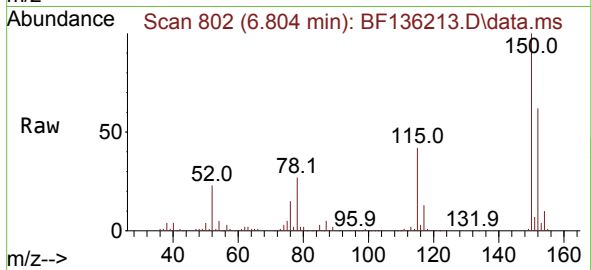
Quant Time: Nov 27 02:21:18 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110723.M
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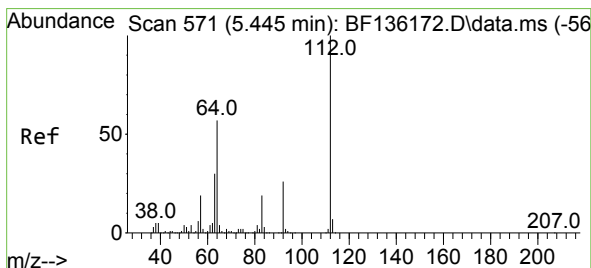
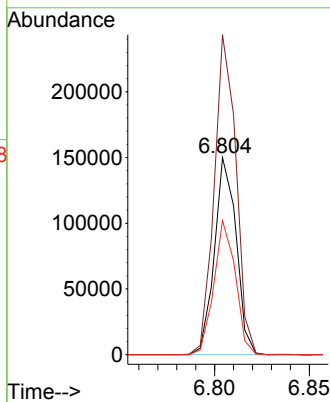
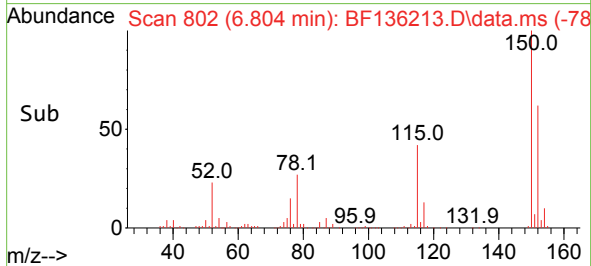


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.804 min Scan# 805
Delta R.T. -0.006 min
Lab File: BF136213.D
Acq: 25 Nov 2023 09:49

Instrument :
BNA_F
ClientSampleId :

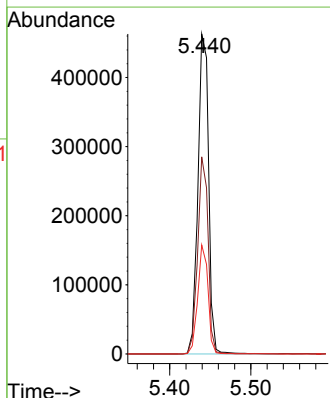
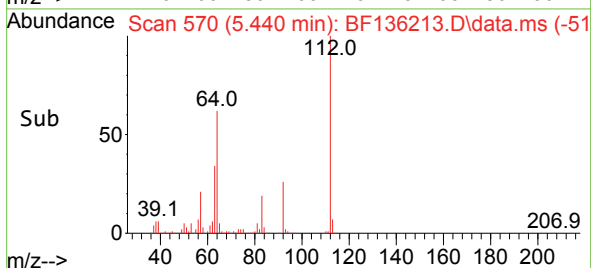
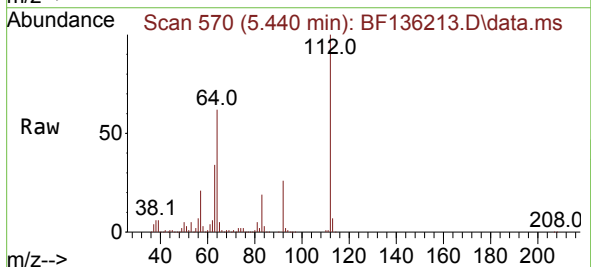


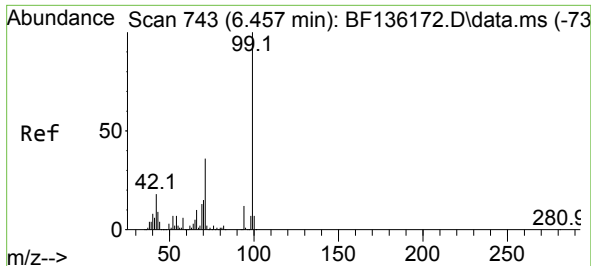
Tgt Ion:152 Resp: 119765
Ion Ratio Lower Upper
152 100
150 162.4 123.1 184.7
115 68.0 50.5 75.7



#5
2-Fluorophenol
Concen: 56.672 ng
RT: 5.440 min Scan# 570
Delta R.T. 0.006 min
Lab File: BF136213.D
Acq: 25 Nov 2023 09:49

Tgt Ion:112 Resp: 426278
Ion Ratio Lower Upper
112 100
64 61.6 45.4 68.0
63 34.1 24.4 36.6

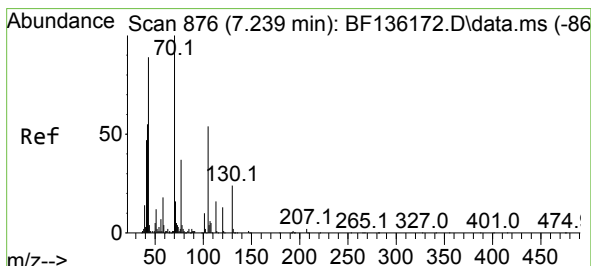
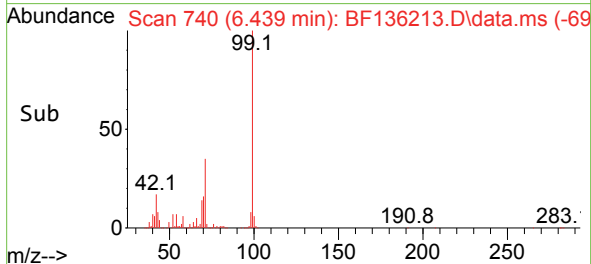
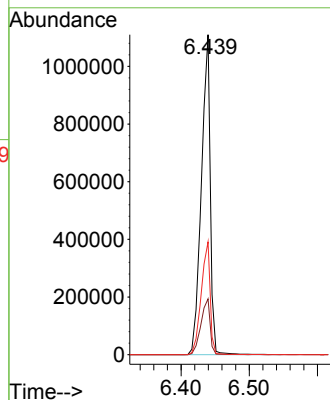
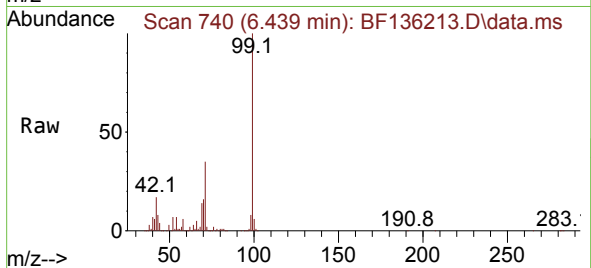




#7
Phenol-d6
Concen: 109.008 ng
RT: 6.439 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF136213.D
Acq: 25 Nov 2023 09:49

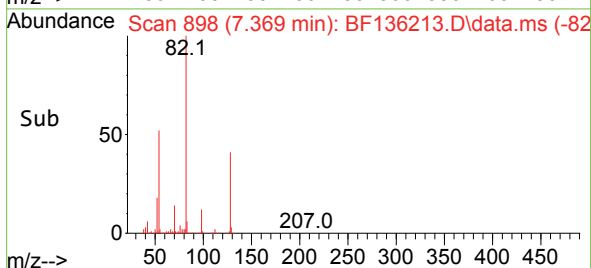
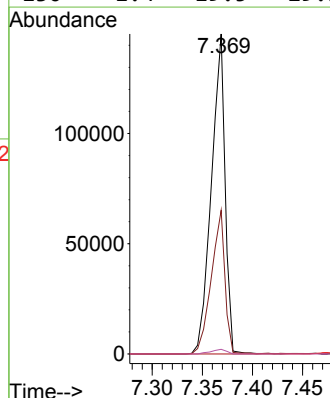
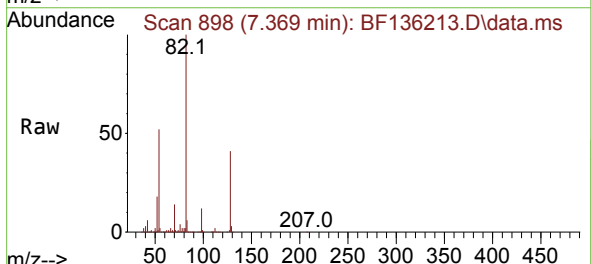
Instrument :
BNA_F
ClientSampleId :

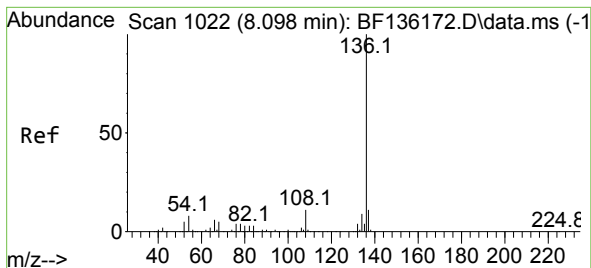
Tgt Ion: 99 Resp: 1008951
Ion Ratio Lower Upper
99 100
42 17.5 14.1 21.1
71 35.3 29.0 43.4



#19
n-Nitroso-di-n-propylamine
Concen: 25.884 ng
RT: 7.369 min Scan# 898
Delta R.T. 0.147 min
Lab File: BF136213.D
Acq: 25 Nov 2023 09:49

Tgt Ion: 70 Resp: 138294
Ion Ratio Lower Upper
70 100
42 44.9 43.9 65.9
101 0.0 8.1 12.1#
130 1.4 19.5 29.3#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.081 min Scan# 1

Delta R.T. -0.006 min

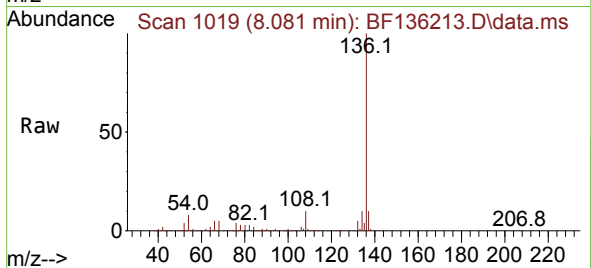
Lab File: BF136213.D

Acq: 25 Nov 2023 09:49

Instrument :

BNA_F

ClientSampleId :



Tgt Ion:136 Resp: 505798

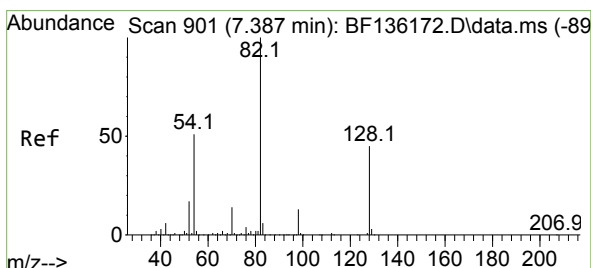
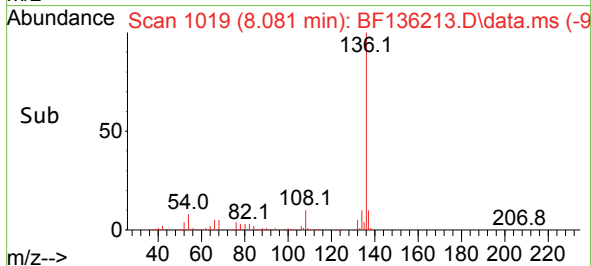
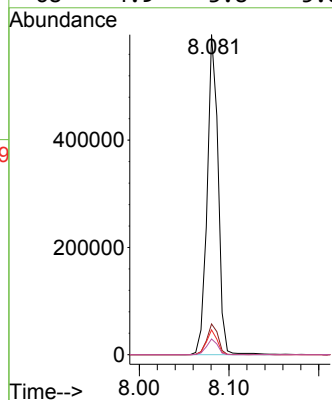
Ion Ratio Lower Upper

136 100

137 9.6 8.6 13.0

54 7.7 6.3 9.5

68 4.9 3.8 5.8



#23

Nitrobenzene-d5

Concen: 113.177 ng

RT: 7.369 min Scan# 898

Delta R.T. -0.006 min

Lab File: BF136213.D

Acq: 25 Nov 2023 09:49

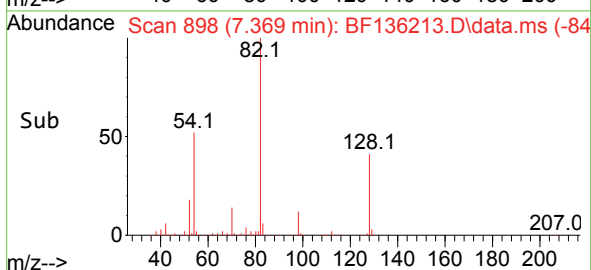
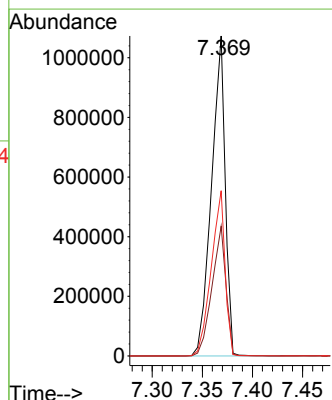
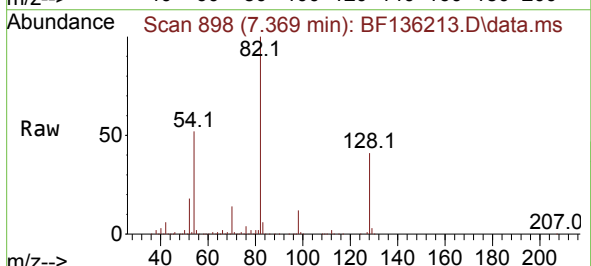
Tgt Ion: 82 Resp: 1025832

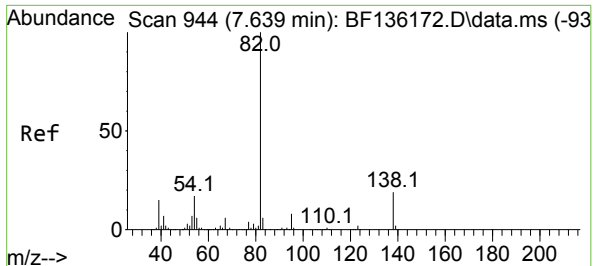
Ion Ratio Lower Upper

82 100

128 40.6 35.8 53.6

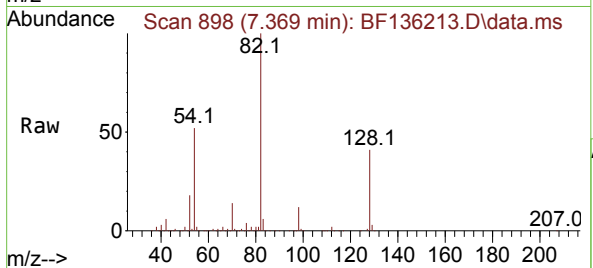
54 51.6 40.6 60.8



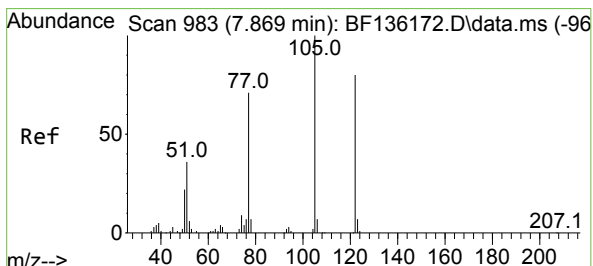
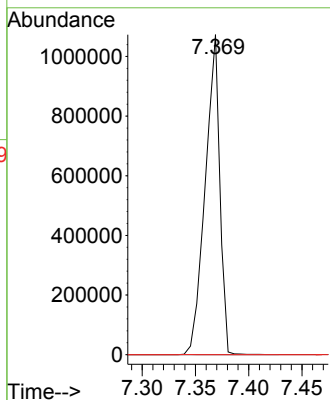
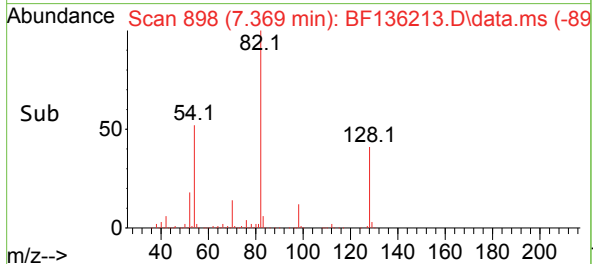


#25
Isophorone
Concen: 65.581 ng
RT: 7.369 min Scan# 89
Delta R.T. -0.259 min
Lab File: BF136213.D
Acq: 25 Nov 2023 09:49

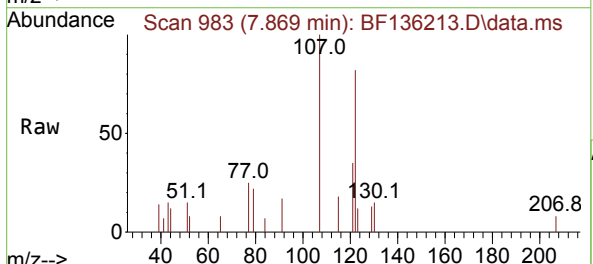
Instrument :
BNA_F
ClientSampleId :



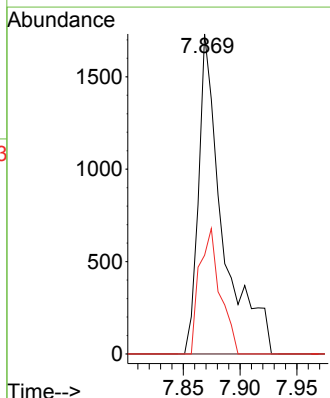
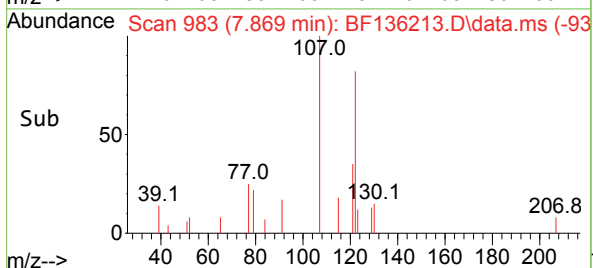
Tgt Ion: 82 Resp: 1025821
Ion Ratio Lower Upper
82 100
95 0.0 6.2 9.4#
138 0.0 14.8 22.2#

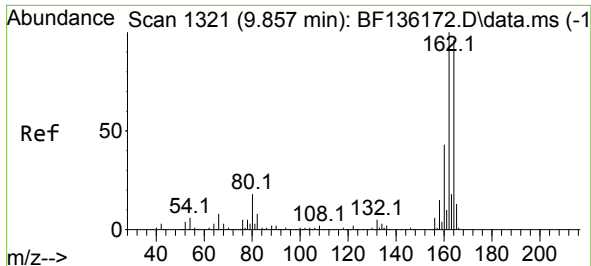


#32
Benzoic acid
Concen: 5.437 ng
RT: 7.869 min Scan# 983
Delta R.T. 0.011 min
Lab File: BF136213.D
Acq: 25 Nov 2023 09:49



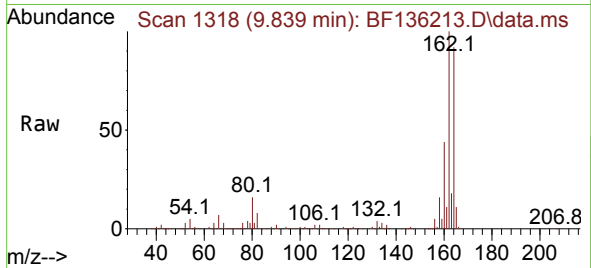
Tgt Ion:122 Resp: 2563
Ion Ratio Lower Upper
122 100
105 0.0 102.5 142.5#
77 30.8 68.1 108.1#



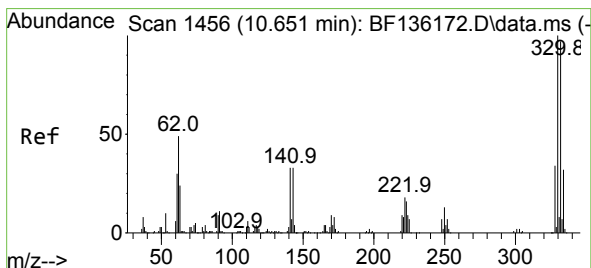
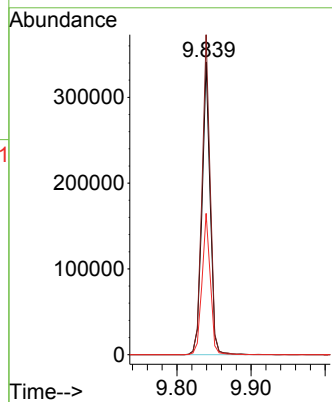
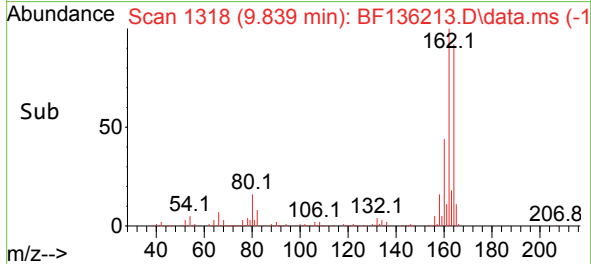


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.839 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF136213.D
Acq: 25 Nov 2023 09:49

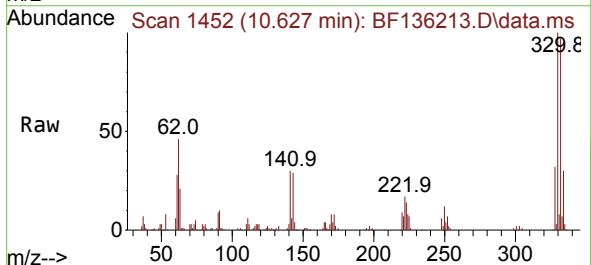
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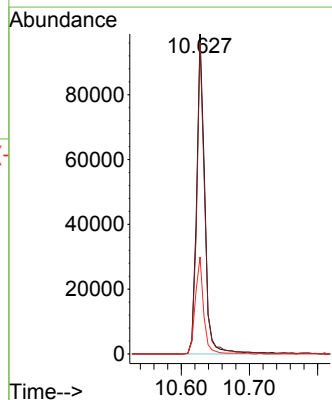
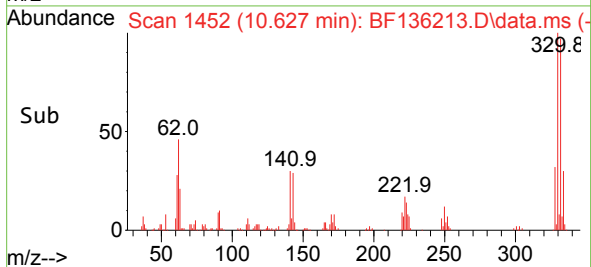
Tgt Ion:164 Resp: 260498
Ion Ratio Lower Upper
164 100
162 109.3 83.2 124.8
160 48.2 35.8 53.8

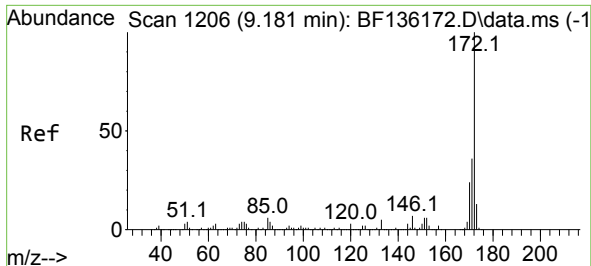


#42
2,4,6-Tribromophenol
Concen: 29.835 ng
RT: 10.627 min Scan# 1452
Delta R.T. -0.012 min
Lab File: BF136213.D
Acq: 25 Nov 2023 09:49



Tgt Ion:330 Resp: 81398
Ion Ratio Lower Upper
330 100
332 95.2 77.6 116.4
141 30.7 25.8 38.6

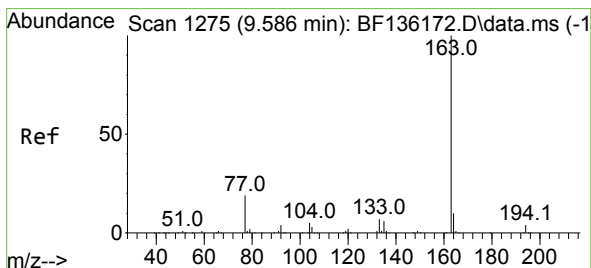
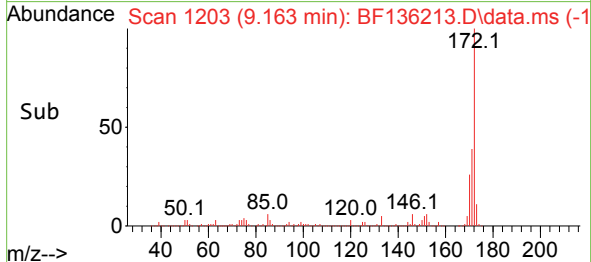
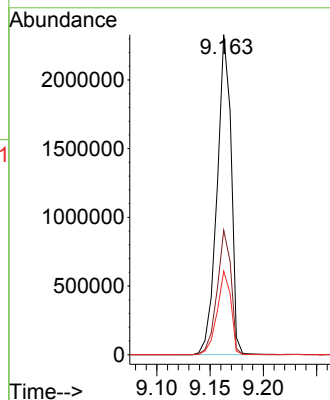
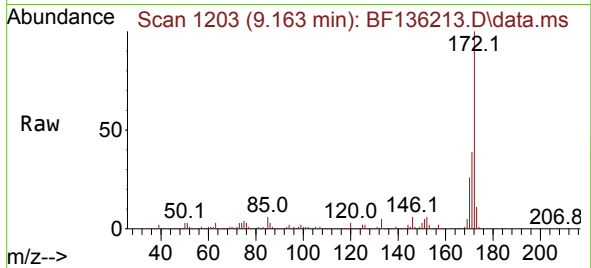




#45
2-Fluorobiphenyl
Concen: 121.010 ng
RT: 9.163 min Scan# 1318
Delta R.T. -0.006 min
Lab File: BF136213.D
Acq: 25 Nov 2023 09:49

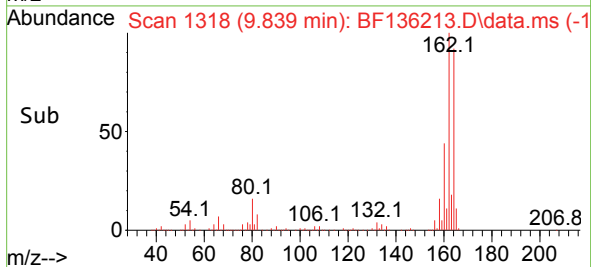
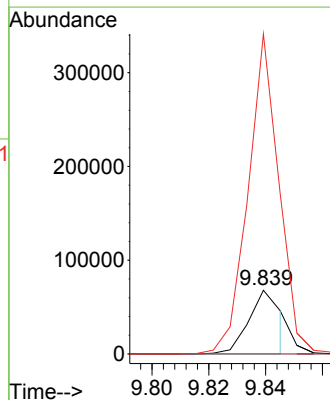
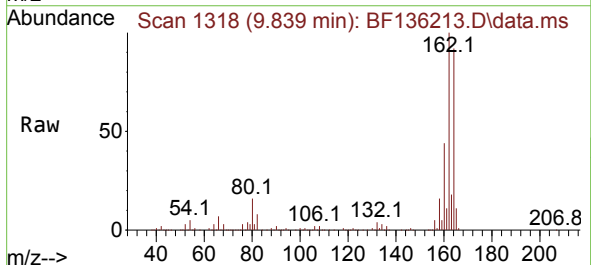
Instrument :
BNA_F
ClientSampleId :

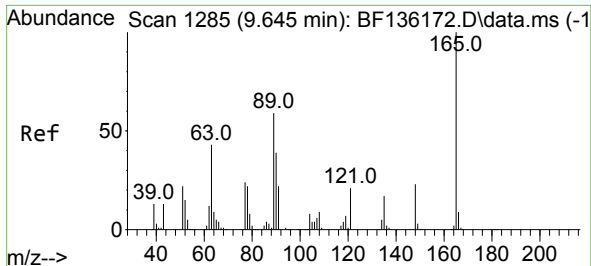
Tgt Ion:172 Resp: 2132524
Ion Ratio Lower Upper
172 100
171 38.9 28.9 43.3
170 26.1 19.1 28.7



#50
Dimethylphthalate
Concen: 3.014 ng
RT: 9.839 min Scan# 1318
Delta R.T. 0.264 min
Lab File: BF136213.D
Acq: 25 Nov 2023 09:49

Tgt Ion:163 Resp: 53048
Ion Ratio Lower Upper
163 100
194 0.0 3.0 4.4#
164 503.0 7.8 11.8#

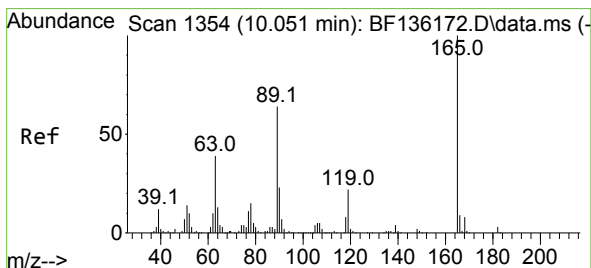
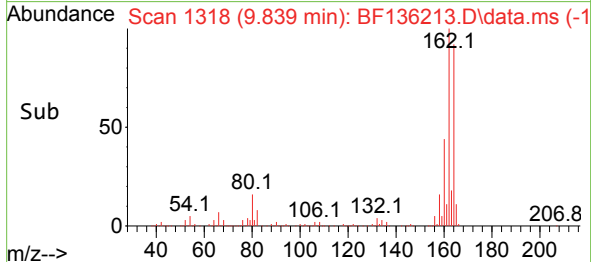
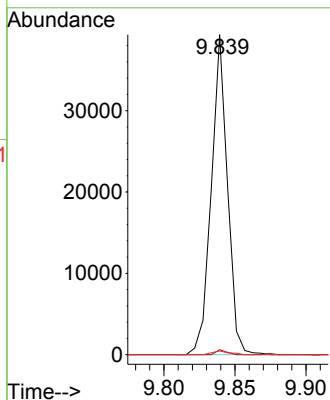
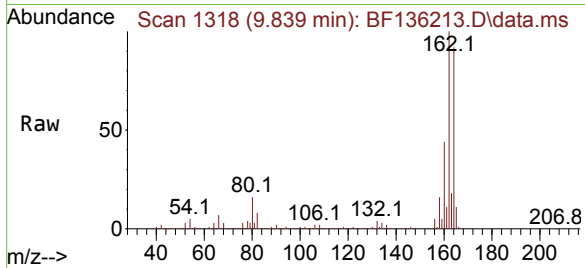




#51
2,6-Dinitrotoluene
Concen: 8.183 ng
RT: 9.839 min Scan# 1318
Delta R.T. 0.206 min
Lab File: BF136213.D
Acq: 25 Nov 2023 09:49

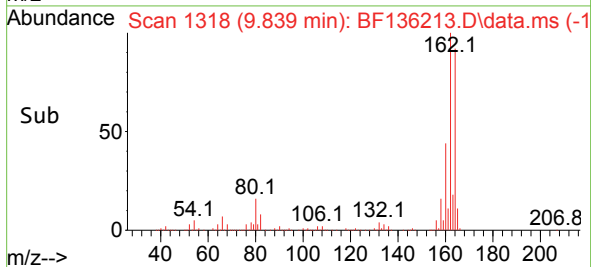
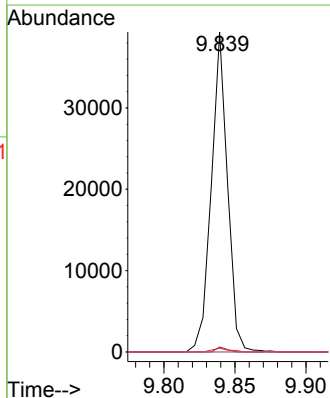
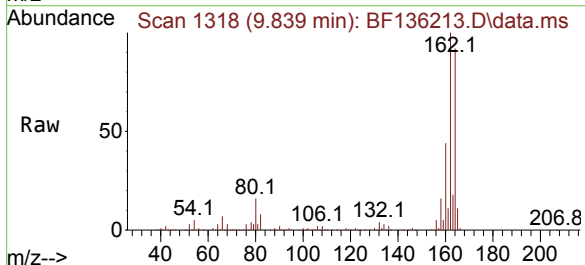
Instrument :
BNA_F
ClientSampleId :

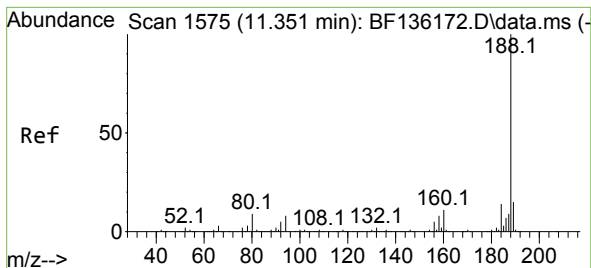
Tgt Ion:165 Resp: 31254
Ion Ratio Lower Upper
165 100
63 1.6 48.0 72.0#
89 1.1 47.2 70.8#



#57
2,4-Dinitrotoluene
Concen: 6.443 ng
RT: 9.839 min Scan# 1318
Delta R.T. -0.200 min
Lab File: BF136213.D
Acq: 25 Nov 2023 09:49

Tgt Ion:165 Resp: 31254
Ion Ratio Lower Upper
165 100
63 1.6 31.4 47.0#
89 1.1 51.6 77.4#
182 0.0 2.2 3.4#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.327 min Scan# 11

Delta R.T. -0.012 min

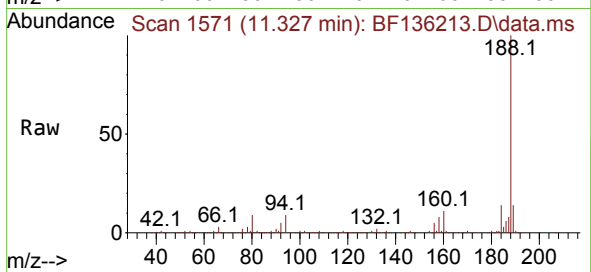
Lab File: BF136213.D

Acq: 25 Nov 2023 09:49

Instrument :

BNA_F

ClientSampleId :



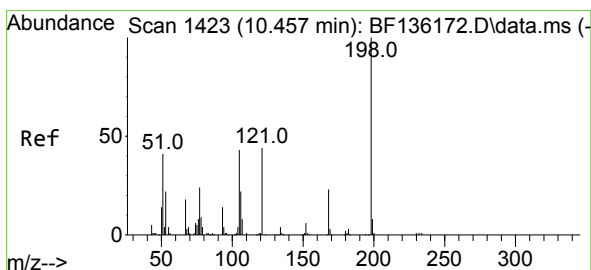
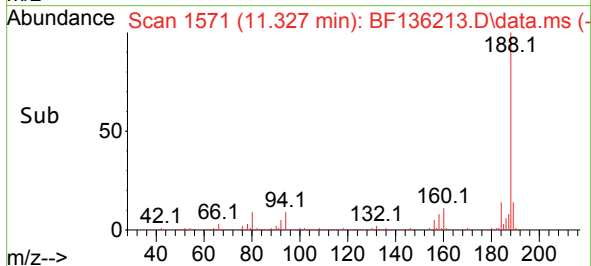
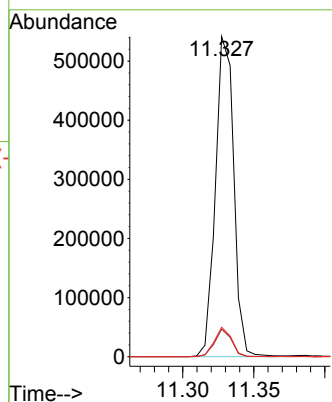
Tgt Ion:188 Resp: 485610

Ion Ratio Lower Upper

188 100

94 8.6 6.6 9.8

80 9.2 7.3 10.9



#65

4,6-Dinitro-2-methylphenol

Concen: 4.758 ng

RT: 10.627 min Scan# 1452

Delta R.T. 0.182 min

Lab File: BF136213.D

Acq: 25 Nov 2023 09:49

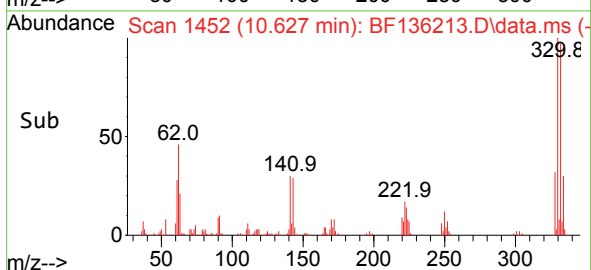
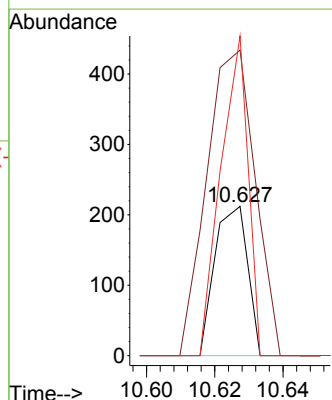
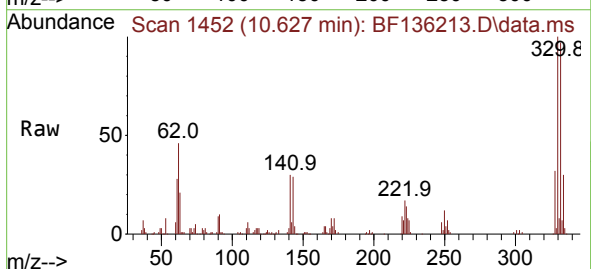
Tgt Ion:198 Resp: 141

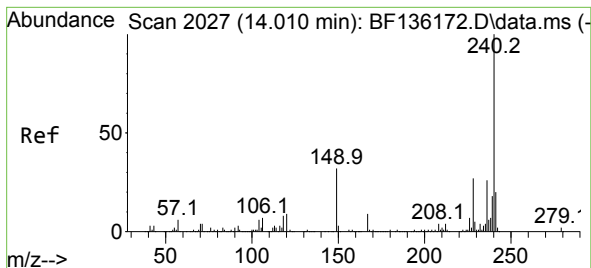
Ion Ratio Lower Upper

198 100

51 204.7 27.3 67.3#

105 214.2 24.2 64.2#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.980 min Scan# 20

Delta R.T. -0.006 min

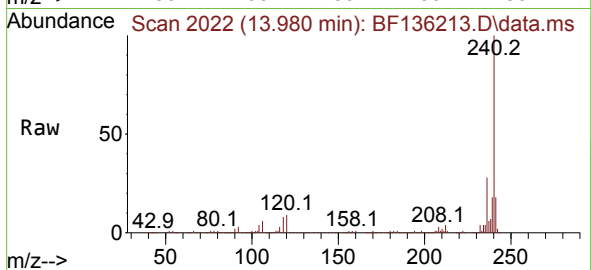
Lab File: BF136213.D

Acq: 25 Nov 2023 09:49

Instrument :

BNA_F

ClientSampleId :



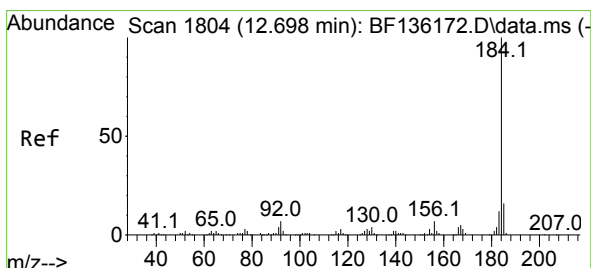
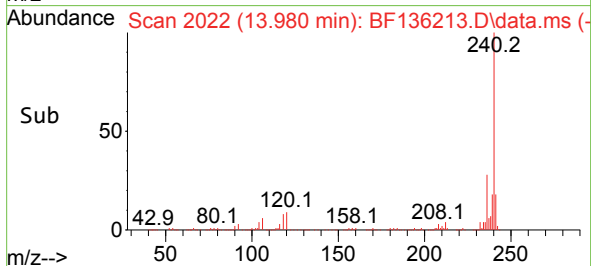
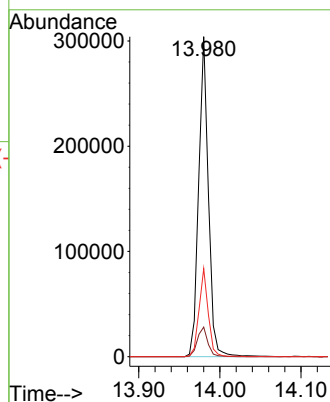
Tgt Ion:240 Resp: 254317

Ion Ratio Lower Upper

240 100

120 9.2 7.1 10.7

236 27.6 20.9 31.3



#77

Benzidine

Concen: 4.929 ng

RT: 12.674 min Scan# 1800

Delta R.T. -0.006 min

Lab File: BF136213.D

Acq: 25 Nov 2023 09:49

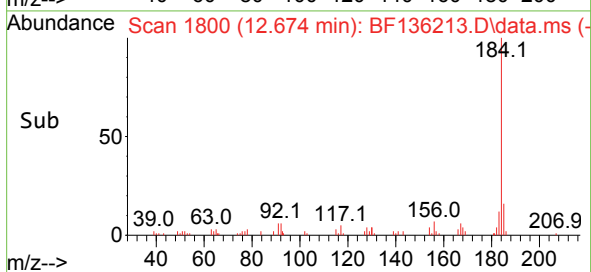
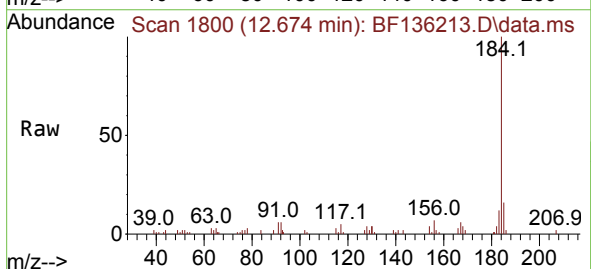
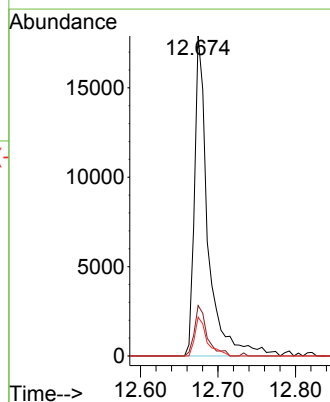
Tgt Ion:184 Resp: 21704

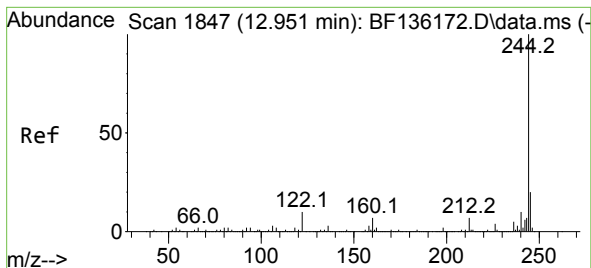
Ion Ratio Lower Upper

184 100

185 15.7 12.6 18.8

183 12.1 9.2 13.8





#79

Terphenyl-d14

Concen: 94.247 ng

RT: 12.927 min Scan# 1843

Delta R.T. -0.006 min

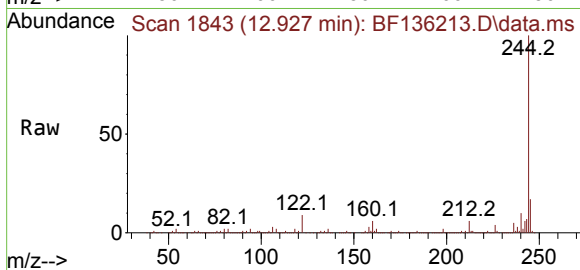
Lab File: BF136213.D

Acq: 25 Nov 2023 09:49

Instrument :

BNA_F

ClientSampleId :



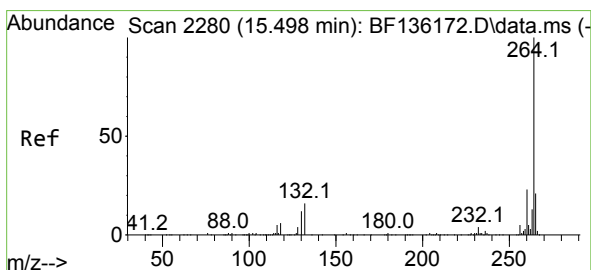
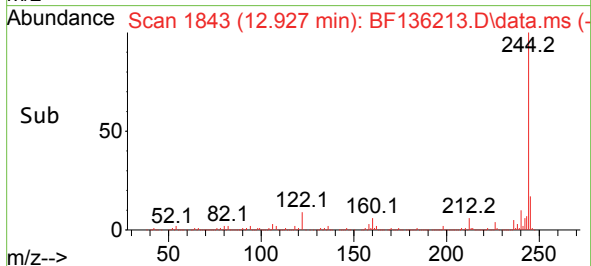
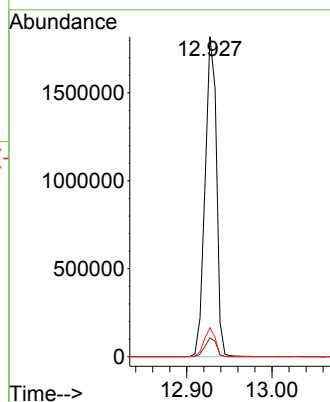
Tgt Ion:244 Resp: 1688546

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: BF136213.D

Acq: 25 Nov 2023 09:49

Tgt Ion:264 Resp: 248181

Ion Ratio Lower Upper

264 100

260 23.1 18.5 27.7

265 20.3 16.9 25.3

