

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112423\
 Data File : BF136208.D
 Acq On : 25 Nov 2023 07:11
 Operator : CG\JU
 Sample : 05466-03
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 27 02:19:29 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)

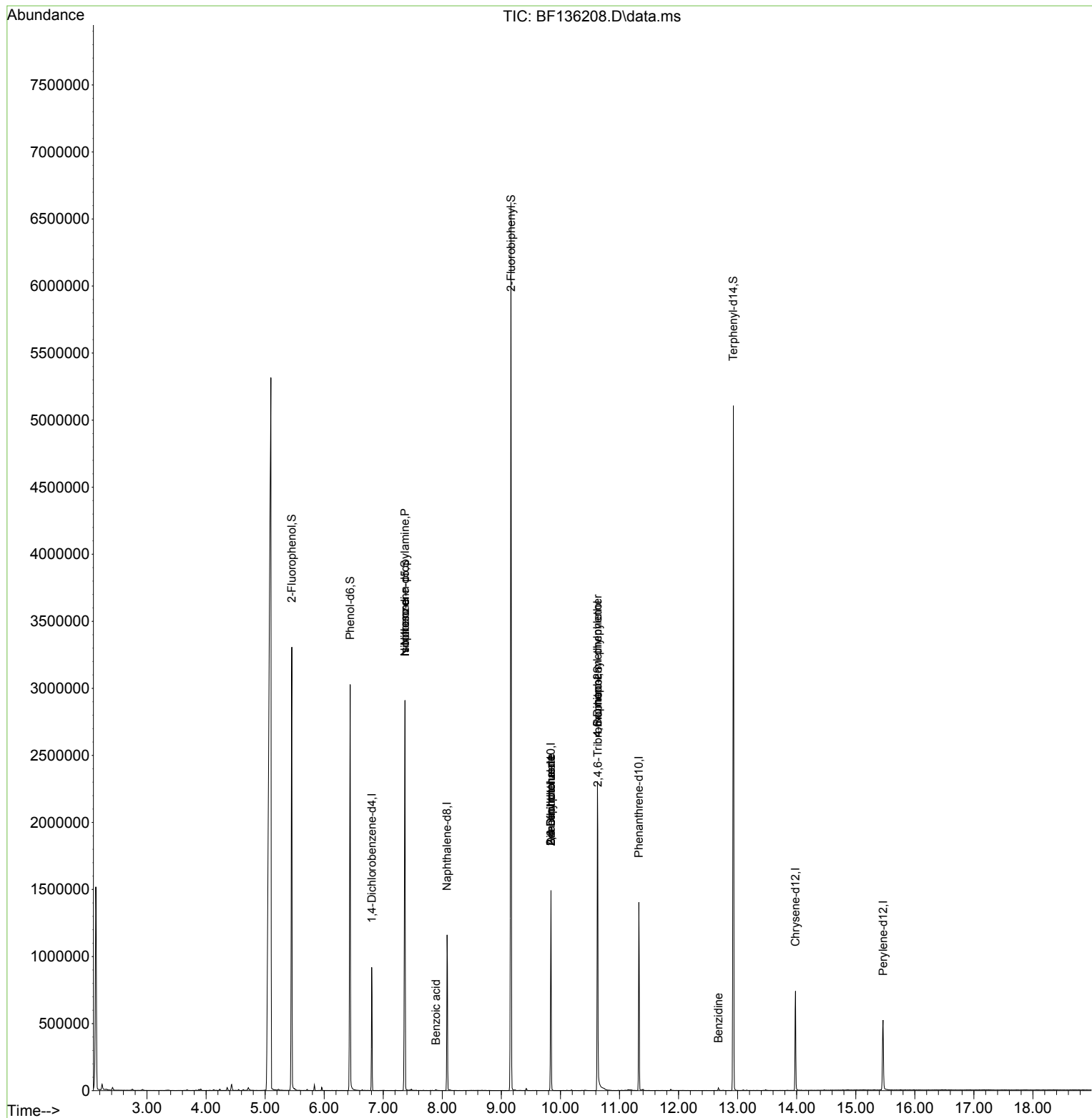
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.804	152	120592	20.000	ng	0.00
21) Naphthalene-d8	8.081	136	512030	20.000	ng	0.00
39) Acenaphthene-d10	9.839	164	260639	20.000	ng	0.00
64) Phenanthrene-d10	11.327	188	486691	20.000	ng	-0.01
76) Chrysene-d12	13.980	240	247811	20.000	ng	0.00
86) Perylene-d12	15.462	264	245360	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.451	112	853484	112.690	ng	0.02
7) Phenol-d6	6.439	99	971602	104.253	ng	0.00
23) Nitrobenzene-d5	7.369	82	962851	104.936	ng	0.00
42) 2,4,6-Tribromophenol	10.633	330	324714	118.953	ng	0.00
45) 2-Fluorobiphenyl	9.163	172	1983338	112.484	ng	0.00
79) Terphenyl-d14	12.927	244	1841066	105.457	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.369	70	127051	23.616	ng	# 76
25) Isophorone	7.369	82	962841	60.805	ng	# 64
32) Benzoic acid	7.892	122	2366	5.399	ng	# 9
50) Dimethylphthalate	9.839	163	54771	3.110	ng	# 1
51) 2,6-Dinitrotoluene	9.839	165	32844	8.595	ng	# 23
57) 2,4-Dinitrotoluene	9.839	165	32844	6.767	ng	# 28
65) 4,6-Dinitro-2-methylph...	10.627	198	604	4.907	ng	# 1
67) 4-Bromophenyl-phenylether	10.627	248	17877	3.298	ng	# 1
77) Benzidine	12.674	184	10289	2.398	ng	100

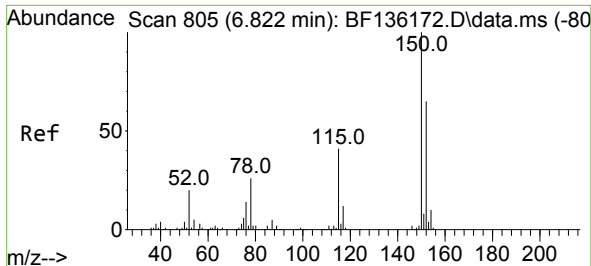
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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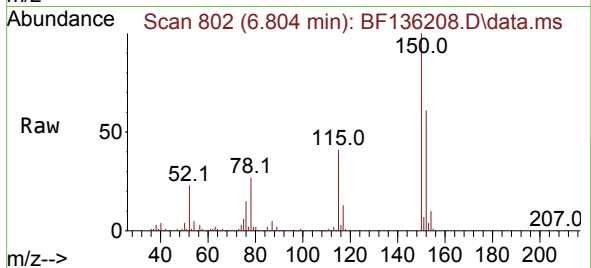
Quant Time: Nov 27 02:19:29 2023
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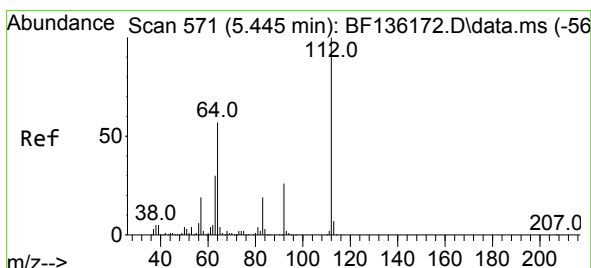
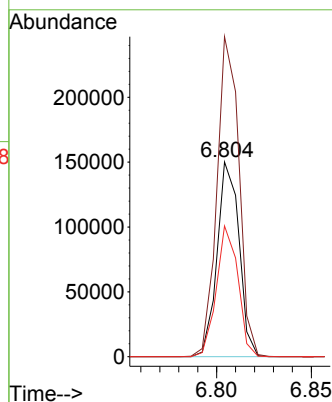
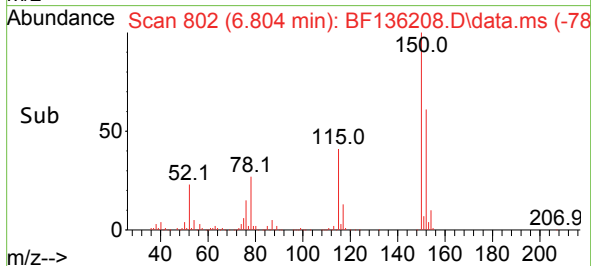


#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.804 min Scan# 805
 Delta R.T. -0.006 min
 Lab File: BF136208.D
 Acq: 25 Nov 2023 07:11

Instrument :
 BNA_F
 ClientSampleId :

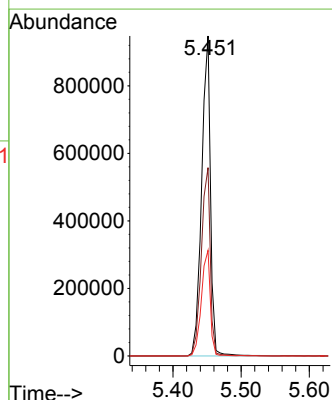
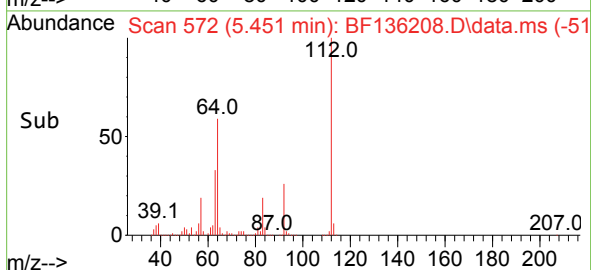
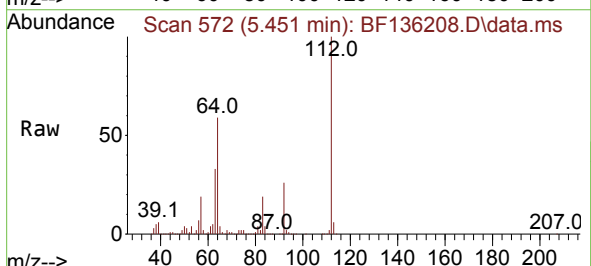


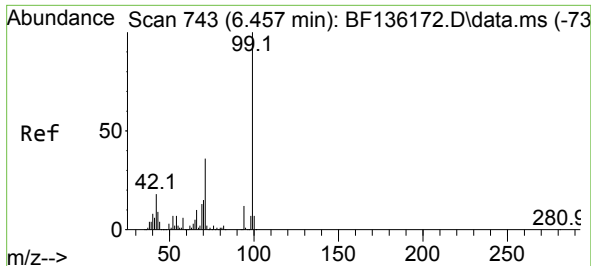
Tgt Ion:152 Resp: 120592
 Ion Ratio Lower Upper
 152 100
 150 164.4 123.1 184.7
 115 67.2 50.5 75.7



#5
 2-Fluorophenol
 Concen: 112.690 ng
 RT: 5.451 min Scan# 572
 Delta R.T. 0.017 min
 Lab File: BF136208.D
 Acq: 25 Nov 2023 07:11

Tgt Ion:112 Resp: 853484
 Ion Ratio Lower Upper
 112 100
 64 58.9 45.4 68.0
 63 33.0 24.4 36.6

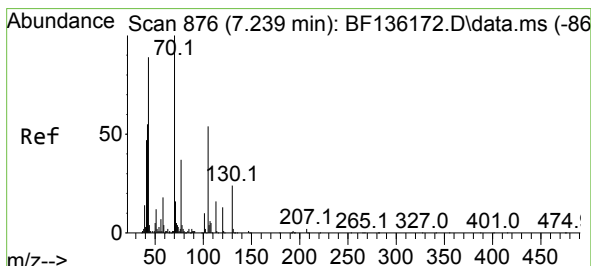
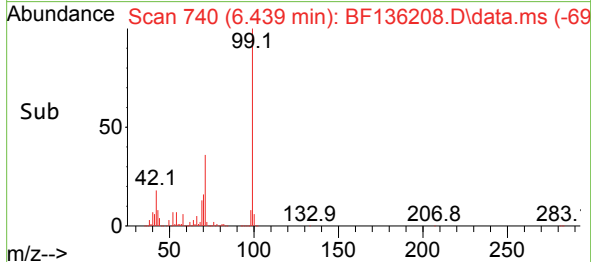
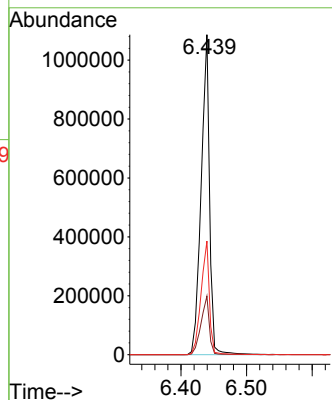
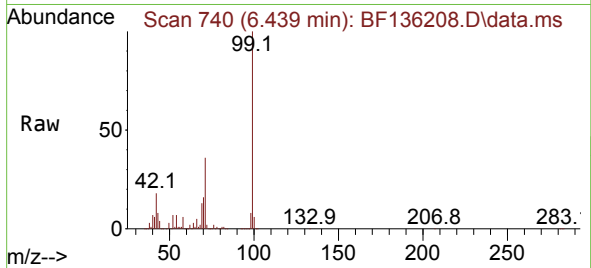




#7
Phenol-d6
Concen: 104.253 ng
RT: 6.439 min Scan# 743
Delta R.T. -0.006 min
Lab File: BF136208.D
Acq: 25 Nov 2023 07:11

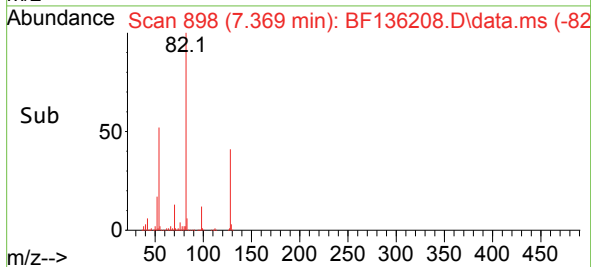
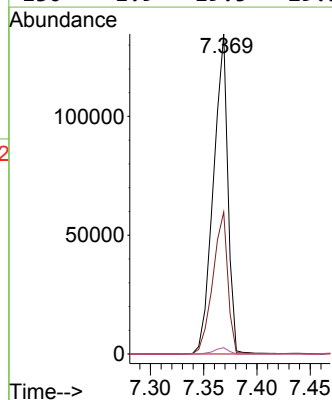
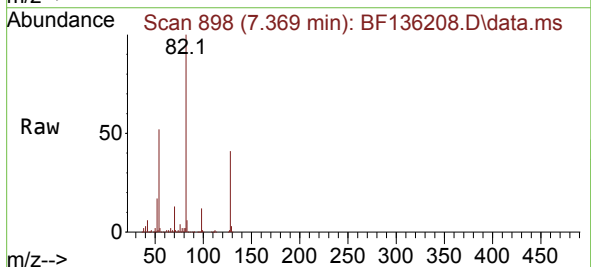
Instrument :
BNA_F
ClientSampleId :

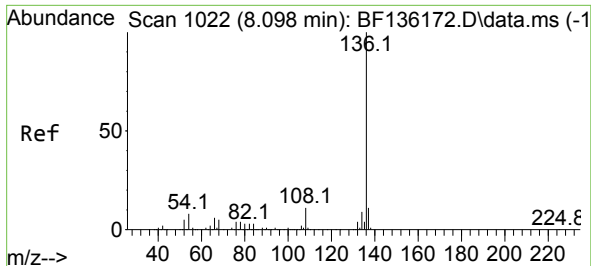
Tgt Ion: 99 Resp: 971602
Ion Ratio Lower Upper
99 100
42 18.3 14.1 21.1
71 35.5 29.0 43.4



#19
n-Nitroso-di-n-propylamine
Concen: 23.616 ng
RT: 7.369 min Scan# 898
Delta R.T. 0.147 min
Lab File: BF136208.D
Acq: 25 Nov 2023 07:11

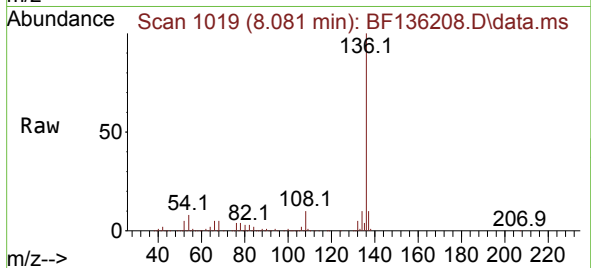
Tgt Ion: 70 Resp: 127051
Ion Ratio Lower Upper
70 100
42 44.3 43.9 65.9
101 0.0 8.1 12.1#
130 1.9 19.5 29.3#



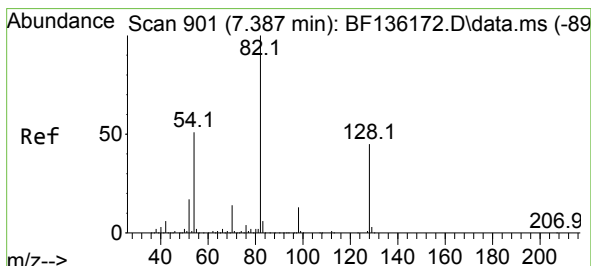
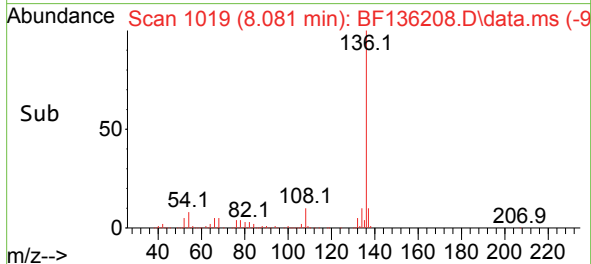
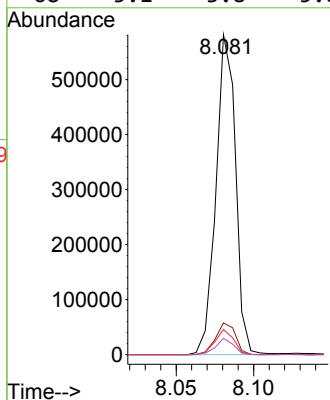


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.081 min Scan# 1019
Delta R.T. -0.006 min
Lab File: BF136208.D
Acq: 25 Nov 2023 07:11

Instrument :
BNA_F
ClientSampleId :

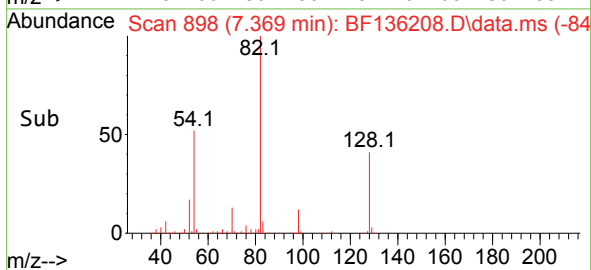
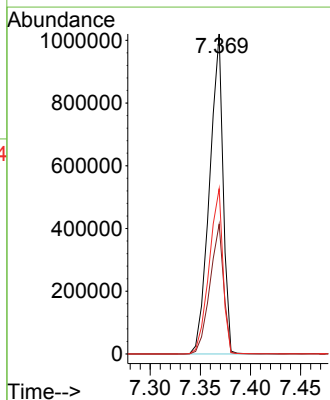
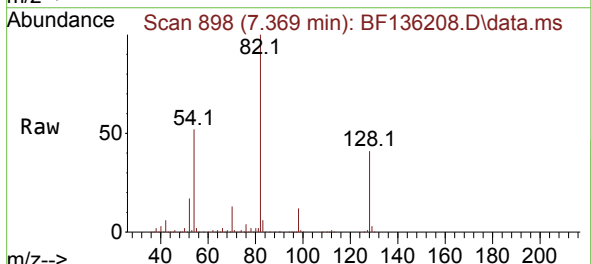


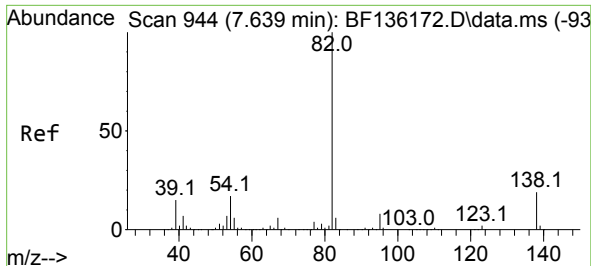
Tgt Ion:136 Resp: 512030
Ion Ratio Lower Upper
136 100
137 9.9 8.6 13.0
54 7.9 6.3 9.5
68 5.1 3.8 5.8



#23
Nitrobenzene-d5
Concen: 104.936 ng
RT: 7.369 min Scan# 898
Delta R.T. -0.006 min
Lab File: BF136208.D
Acq: 25 Nov 2023 07:11

Tgt Ion: 82 Resp: 962851
Ion Ratio Lower Upper
82 100
128 40.5 35.8 53.6
54 51.7 40.6 60.8

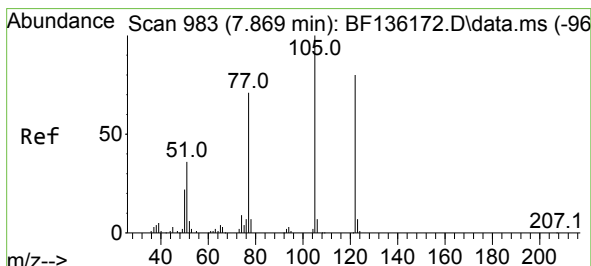
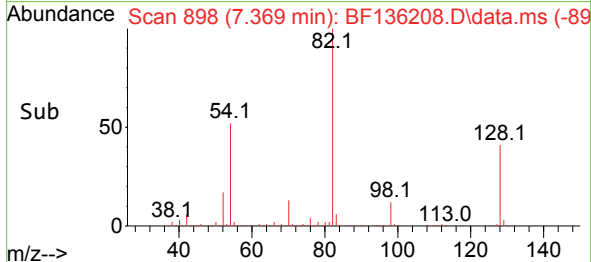
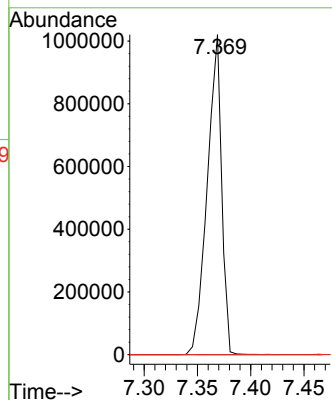
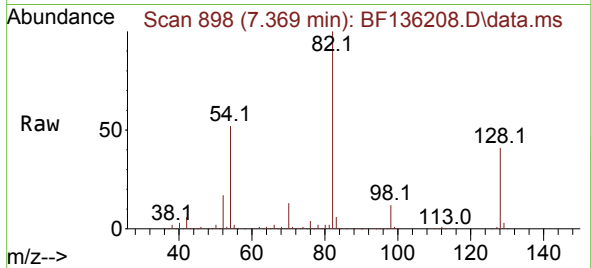




#25
Isophorone
Concen: 60.805 ng
RT: 7.369 min Scan# 89
Delta R.T. -0.259 min
Lab File: BF136208.D
Acq: 25 Nov 2023 07:11

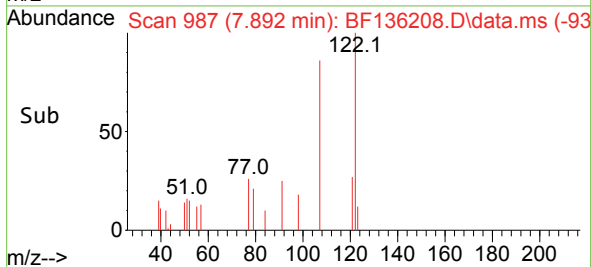
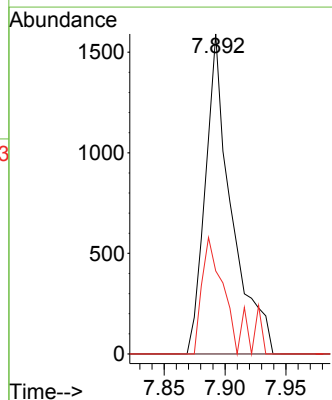
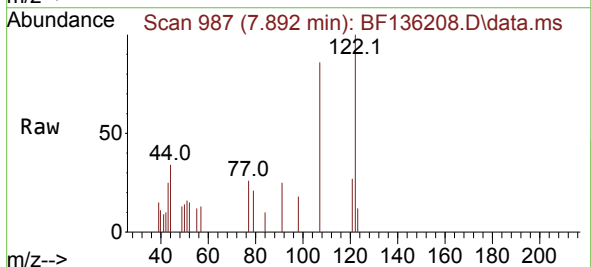
Instrument :
BNA_F
ClientSampleId :

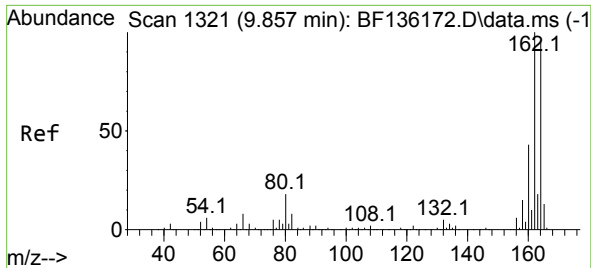
Tgt Ion: 82 Resp: 962841
Ion Ratio Lower Upper
82 100
95 0.0 6.2 9.4#
138 0.0 14.8 22.2#



#32
Benzoic acid
Concen: 5.399 ng
RT: 7.892 min Scan# 987
Delta R.T. 0.035 min
Lab File: BF136208.D
Acq: 25 Nov 2023 07:11

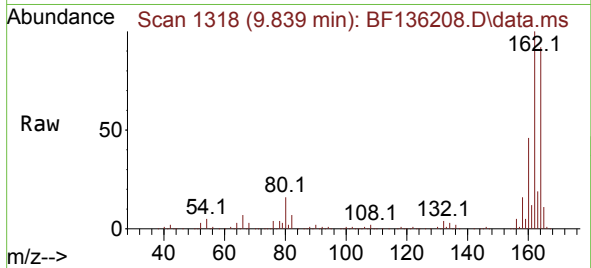
Tgt Ion:122 Resp: 2366
Ion Ratio Lower Upper
122 100
105 0.0 102.5 142.5#
77 26.0 68.1 108.1#



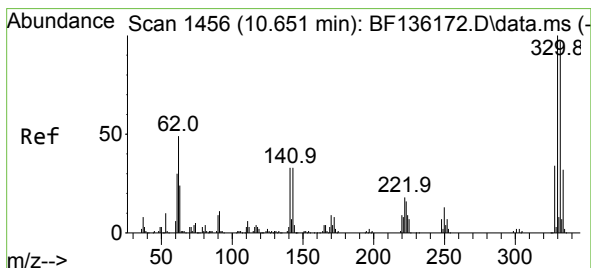
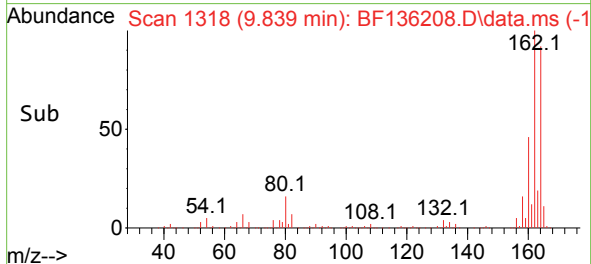
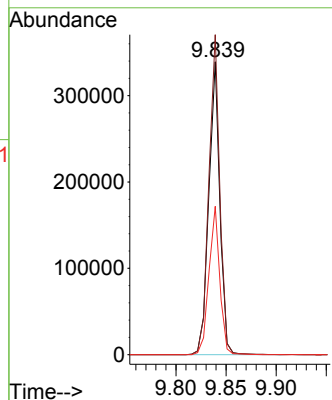


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.839 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF136208.D
Acq: 25 Nov 2023 07:11

Instrument :
BNA_F
ClientSampleId :

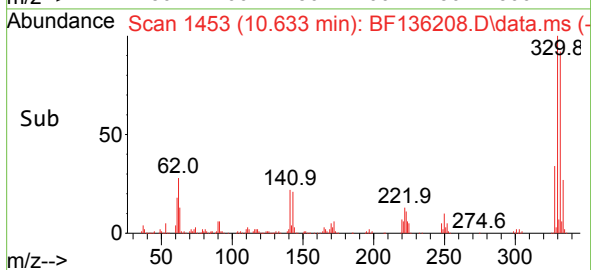
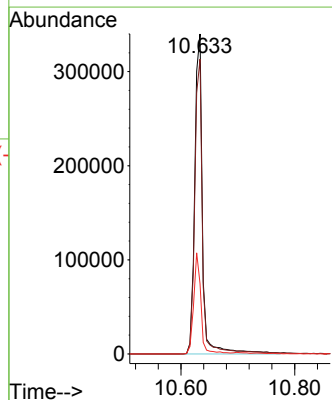
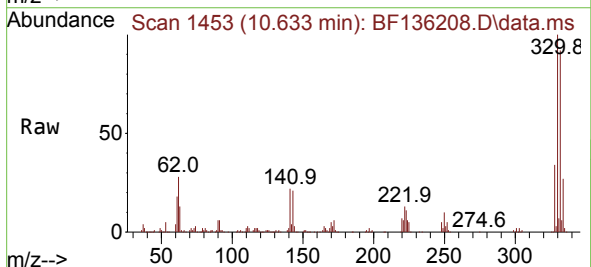


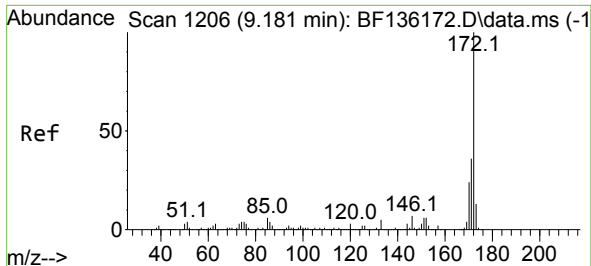
Tgt Ion:164 Resp: 260639
Ion Ratio Lower Upper
164 100
162 109.2 83.2 124.8
160 50.6 35.8 53.8



#42
2,4,6-Tribromophenol
Concen: 118.953 ng
RT: 10.633 min Scan# 1453
Delta R.T. -0.006 min
Lab File: BF136208.D
Acq: 25 Nov 2023 07:11

Tgt Ion:330 Resp: 324714
Ion Ratio Lower Upper
330 100
332 92.6 77.6 116.4
141 29.2 25.8 38.6

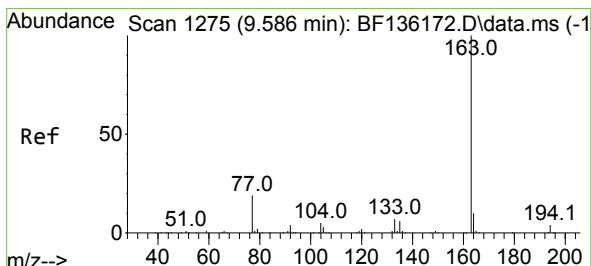
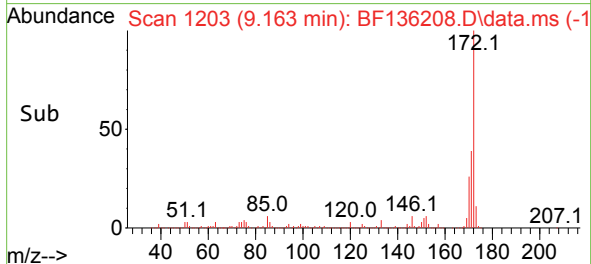
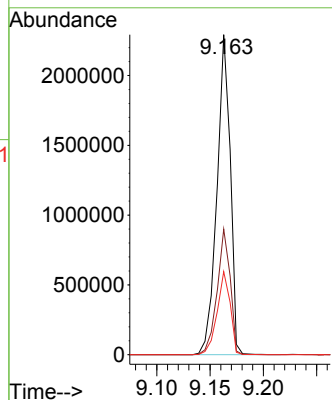
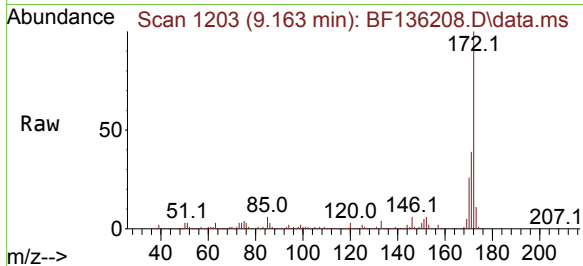




#45
2-Fluorobiphenyl
Concen: 112.484 ng
RT: 9.163 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF136208.D
Acq: 25 Nov 2023 07:11

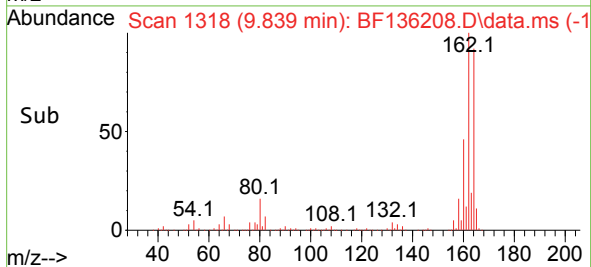
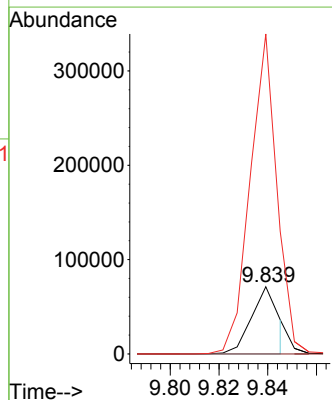
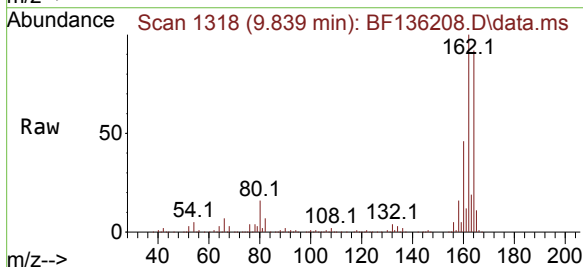
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BNA_F
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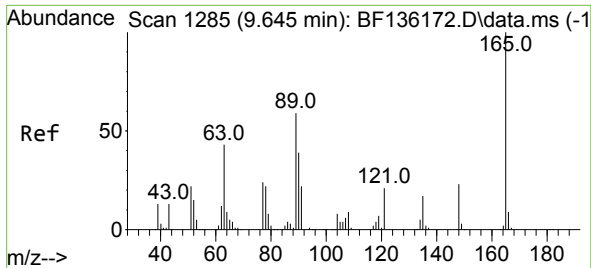
Tgt Ion:172 Resp: 1983338
Ion Ratio Lower Upper
172 100
171 39.2 28.9 43.3
170 26.0 19.1 28.7



#50
Dimethylphthalate
Concen: 3.110 ng
RT: 9.839 min Scan# 1318
Delta R.T. 0.264 min
Lab File: BF136208.D
Acq: 25 Nov 2023 07:11

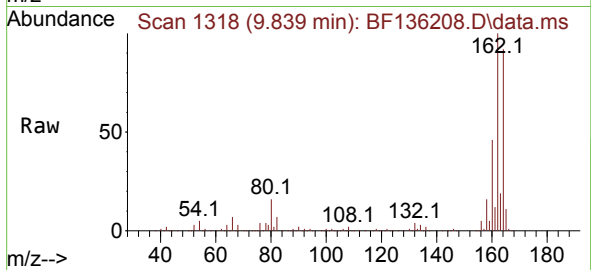
Tgt Ion:163 Resp: 54771
Ion Ratio Lower Upper
163 100
194 0.0 3.0 4.4#
164 475.8 7.8 11.8#



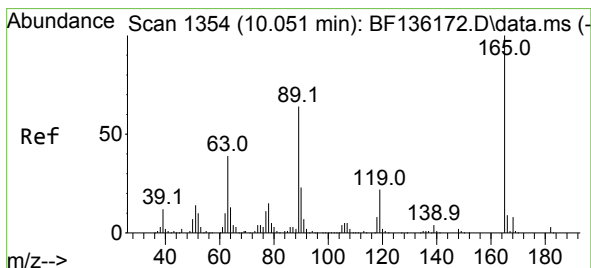
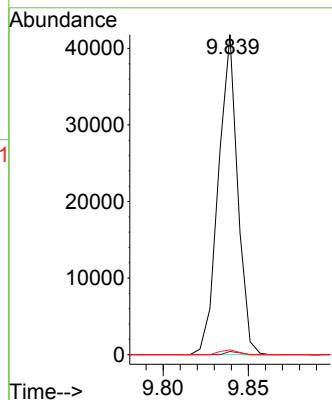
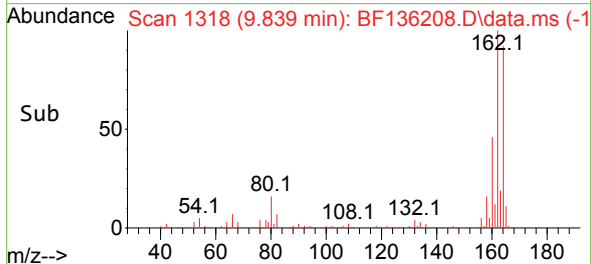


#51
2,6-Dinitrotoluene
Concen: 8.595 ng
RT: 9.839 min Scan# 11
Delta R.T. 0.206 min
Lab File: BF136208.D
Acq: 25 Nov 2023 07:11

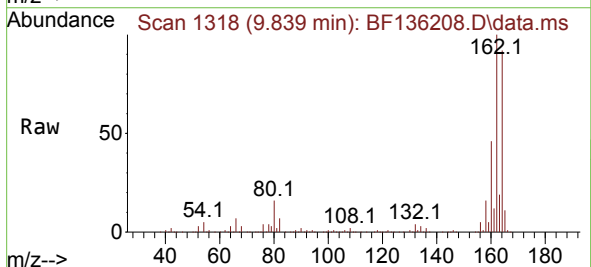
Instrument :
BNA_F
ClientSampleId :



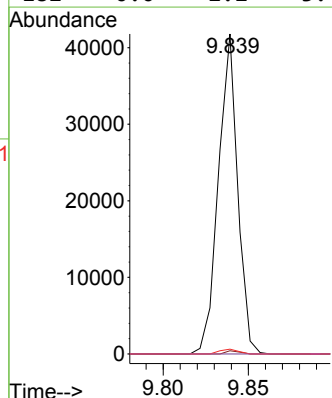
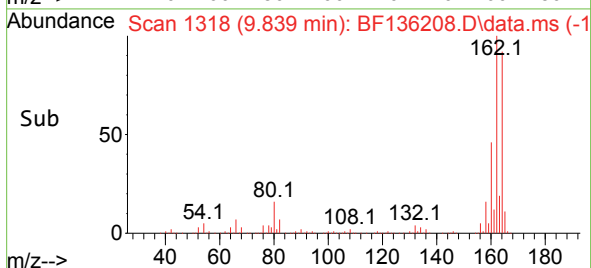
Tgt Ion:165 Resp: 32844
Ion Ratio Lower Upper
165 100
63 1.0 48.0 72.0#
89 1.5 47.2 70.8#

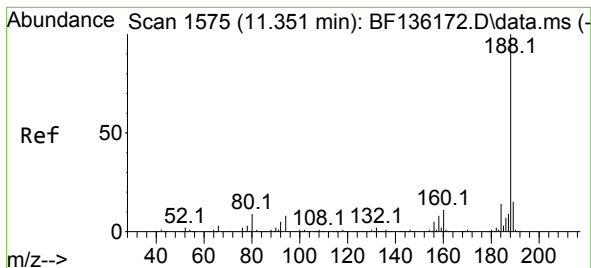


#57
2,4-Dinitrotoluene
Concen: 6.767 ng
RT: 9.839 min Scan# 1318
Delta R.T. -0.200 min
Lab File: BF136208.D
Acq: 25 Nov 2023 07:11



Tgt Ion:165 Resp: 32844
Ion Ratio Lower Upper
165 100
63 1.0 31.4 47.0#
89 1.5 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

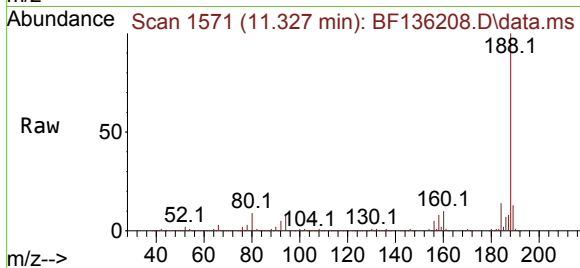
Lab File: BF136208.D

Acq: 25 Nov 2023 07:11

Instrument :

BNA_F

ClientSampleId :



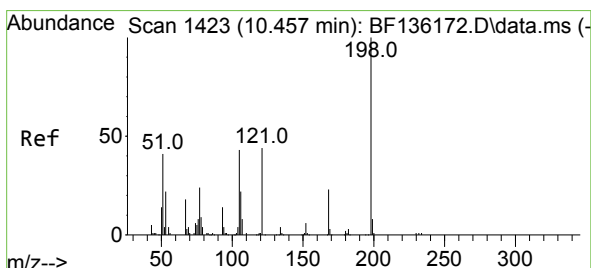
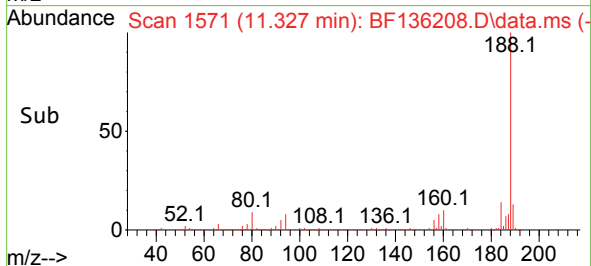
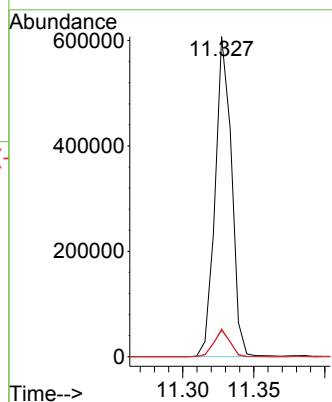
Tgt Ion:188 Resp: 486691

Ion Ratio Lower Upper

188 100

94 8.3 6.6 9.8

80 8.7 7.3 10.9



#65

4,6-Dinitro-2-methylphenol

Concen: 4.907 ng

RT: 10.627 min Scan# 1452

Delta R.T. 0.182 min

Lab File: BF136208.D

Acq: 25 Nov 2023 07:11

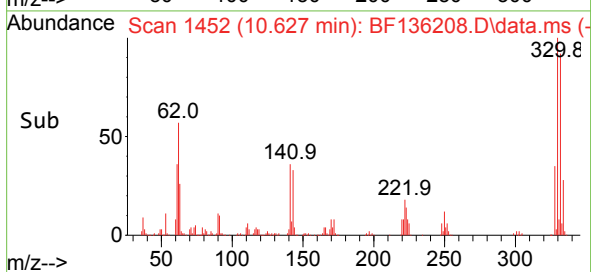
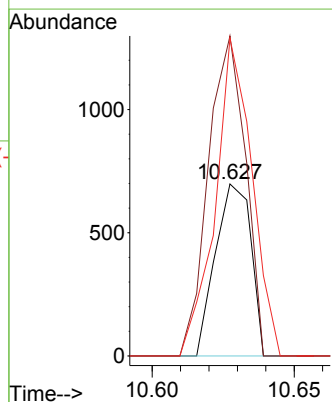
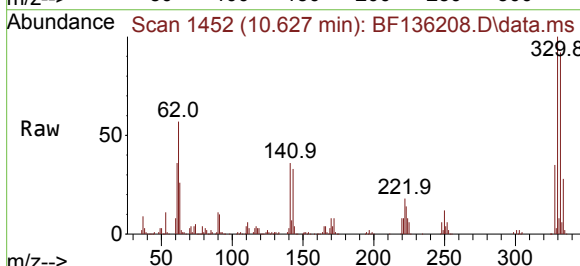
Tgt Ion:198 Resp: 604

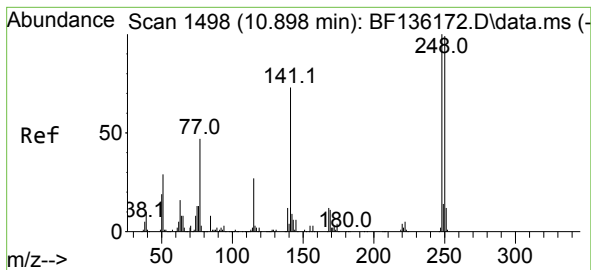
Ion Ratio Lower Upper

198 100

51 186.1 27.3 67.3#

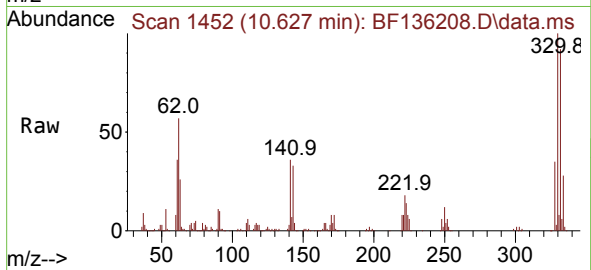
105 184.8 24.2 64.2#



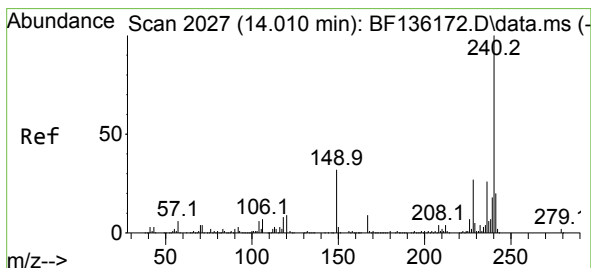
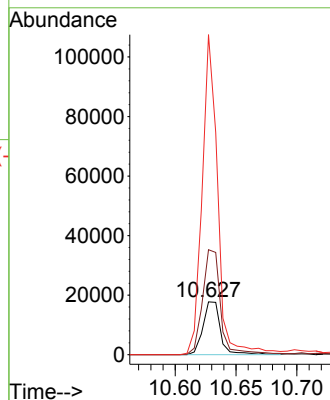
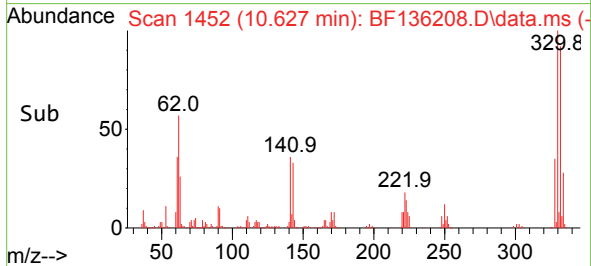


#67
4-Bromophenyl-phenylether
Concen: 3.298 ng
RT: 10.627 min Scan# 1498
Delta R.T. -0.259 min
Lab File: BF136208.D
Acq: 25 Nov 2023 07:11

Instrument :
BNA_F
ClientSampleId :

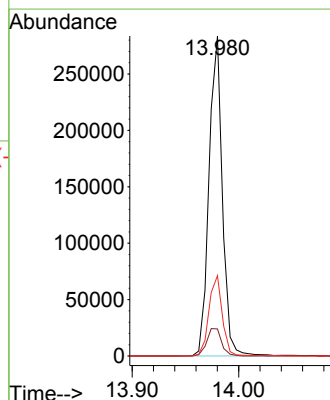
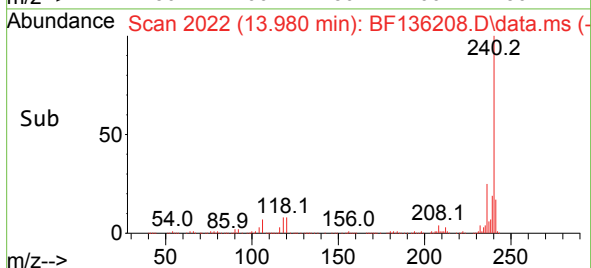
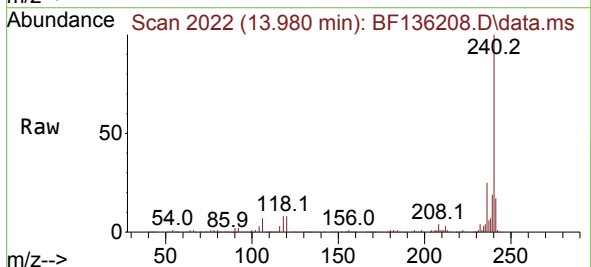


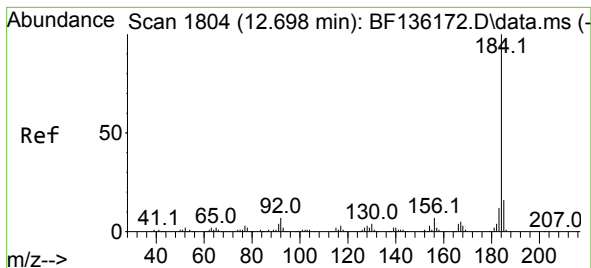
Tgt Ion:248 Resp: 17877
Ion Ratio Lower Upper
248 100
250 198.8 79.0 118.4#
141 606.4 58.8 88.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.980 min Scan# 2022
Delta R.T. -0.006 min
Lab File: BF136208.D
Acq: 25 Nov 2023 07:11

Tgt Ion:240 Resp: 247811
Ion Ratio Lower Upper
240 100
120 8.5 7.1 10.7
236 25.1 20.9 31.3





#77

Benzidine

Concen: 2.398 ng

RT: 12.674 min Scan# 1800

Delta R.T. -0.006 min

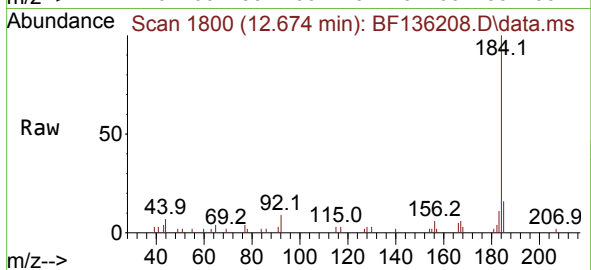
Lab File: BF136208.D

Acq: 25 Nov 2023 07:11

Instrument :

BNA_F

ClientSampleId :



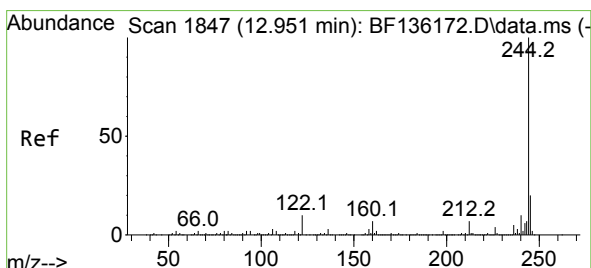
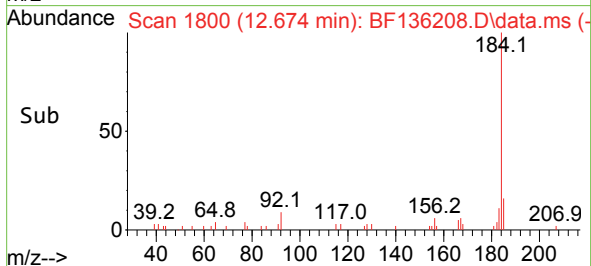
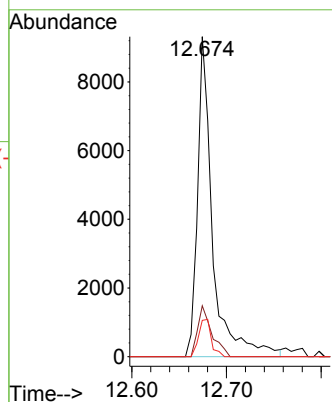
Tgt Ion:184 Resp: 10289

Ion Ratio Lower Upper

184 100

185 15.9 12.6 18.8

183 11.3 9.2 13.8



#79

Terphenyl-d14

Concen: 105.457 ng

RT: 12.927 min Scan# 1843

Delta R.T. -0.006 min

Lab File: BF136208.D

Acq: 25 Nov 2023 07:11

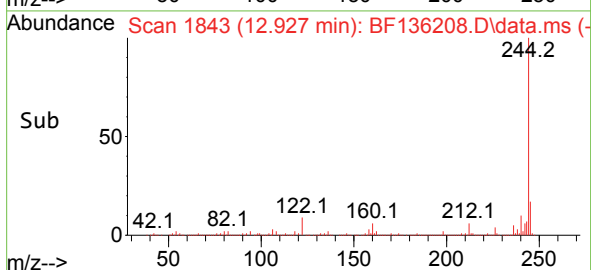
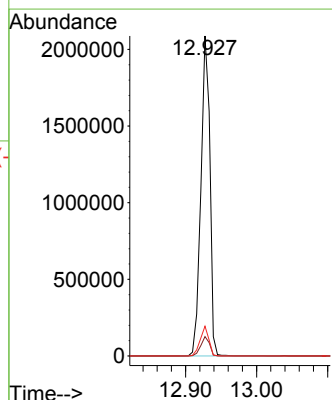
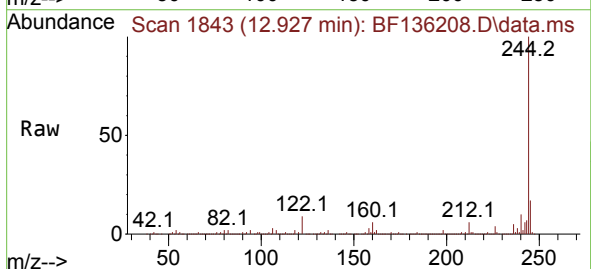
Tgt Ion:244 Resp: 1841066

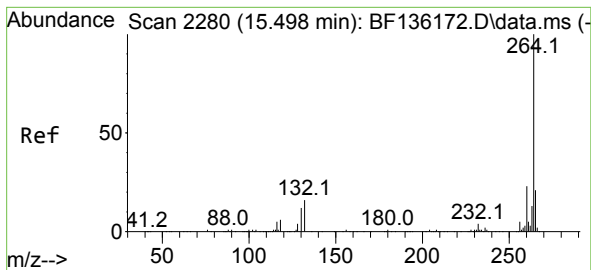
Ion Ratio Lower Upper

244 100

212 6.1 5.4 8.0

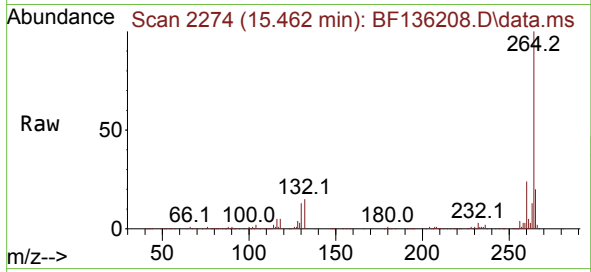
122 9.3 8.1 12.1





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.462 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BF136208.D
 Acq: 25 Nov 2023 07:11

Instrument :
 BNA_F
 ClientSampleId :



Tgt Ion:264 Resp: 245360
 Ion Ratio Lower Upper
 264 100
 260 24.0 18.5 27.7
 265 20.4 16.9 25.3

