

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112423\
 Data File : BF136203.D
 Acq On : 25 Nov 2023 04:30
 Operator : CG\JU
 Sample : PB157329BL
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 27 02:16:51 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)

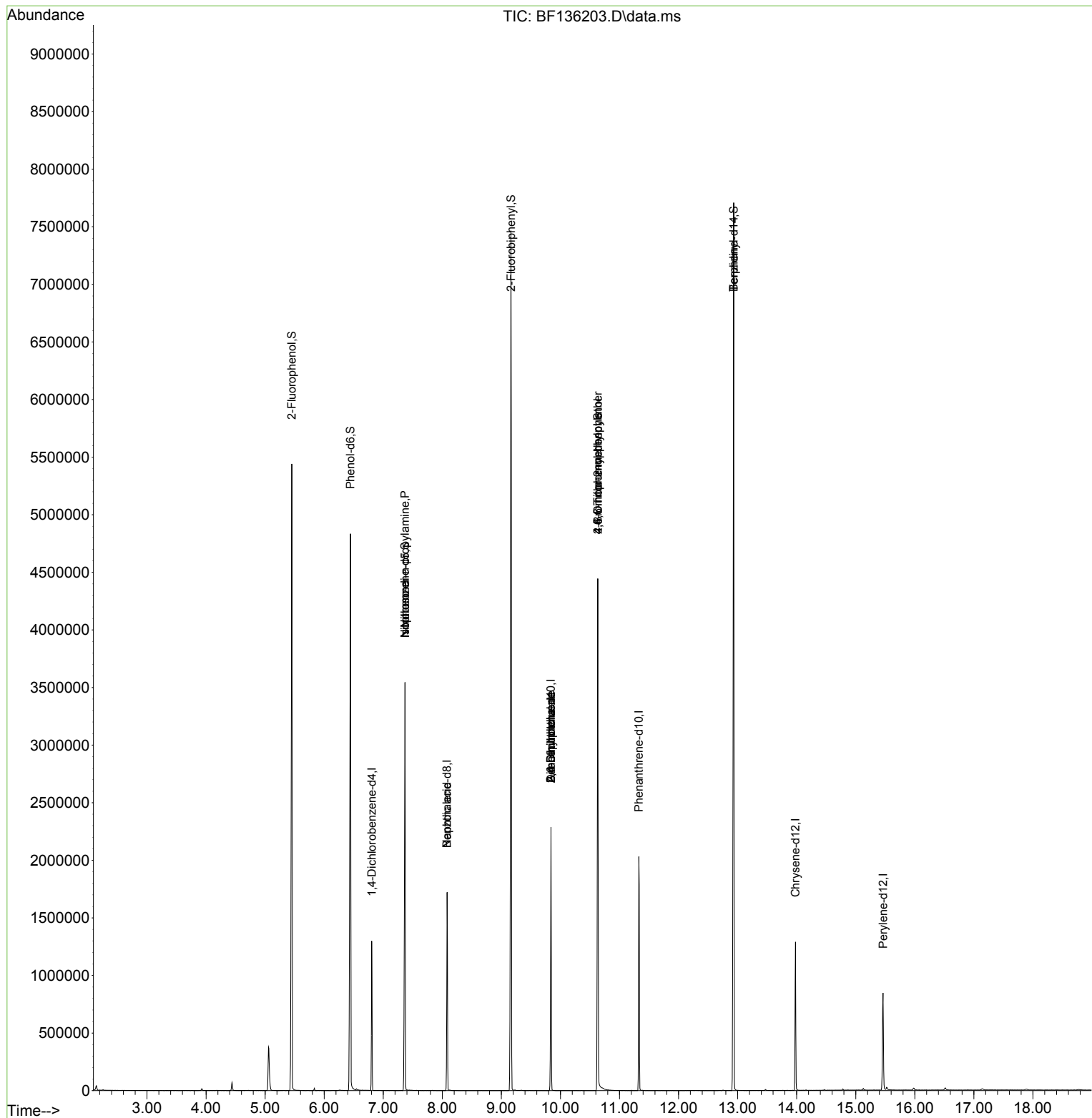
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.804	152	167565	20.000	ng	0.00
21) Naphthalene-d8	8.081	136	762826	20.000	ng	0.00
39) Acenaphthene-d10	9.839	164	388905	20.000	ng	0.00
64) Phenanthrene-d10	11.327	188	759778	20.000	ng	-0.01
76) Chrysene-d12	13.980	240	400236	20.000	ng	0.00
86) Perylene-d12	15.462	264	387367	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.451	112	1598951	151.936	ng	0.02
7) Phenol-d6	6.445	99	1932296	149.213	ng	0.00
23) Nitrobenzene-d5	7.369	82	1226605	89.730	ng	0.00
42) 2,4,6-Tribromophenol	10.633	330	605496	148.655	ng	0.00
45) 2-Fluorobiphenyl	9.163	172	2559927	97.301	ng	0.00
79) Terphenyl-d14	12.933	244	2878313	102.082	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.369	70	164487	22.004	ng	# 78
25) Isophorone	7.369	82	1226787	52.003	ng	# 64
32) Benzoic acid	8.081	122	89	5.015	ng	# 1
50) Dimethylphthalate	9.839	163	83322	3.171	ng	# 1
51) 2,6-Dinitrotoluene	9.839	165	47837	8.390	ng	# 22
57) 2,4-Dinitrotoluene	9.839	165	47837	6.606	ng	# 28
65) 4,6-Dinitro-2-methylph...	10.633	198	1213	4.962	ng	# 1
67) 4-Bromophenyl-phenylether	10.633	248	33530	3.962	ng	# 1
77) Benzidine	12.933	184	31851	4.596	ng	# 91

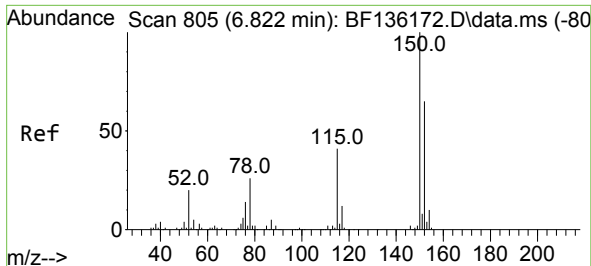
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112423\
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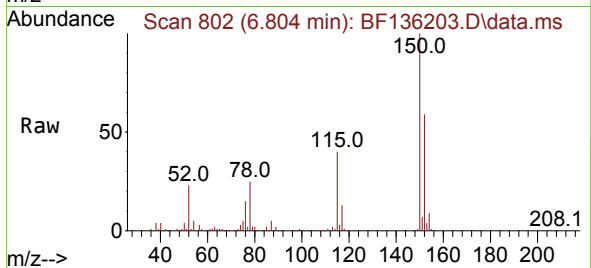
Quant Time: Nov 27 02:16:51 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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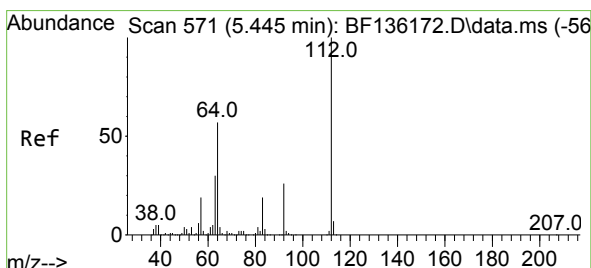
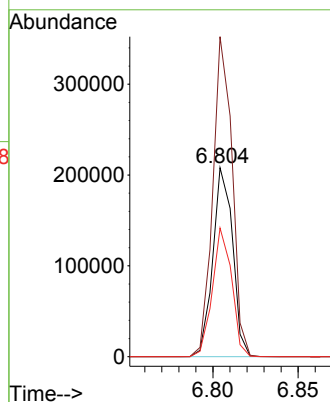
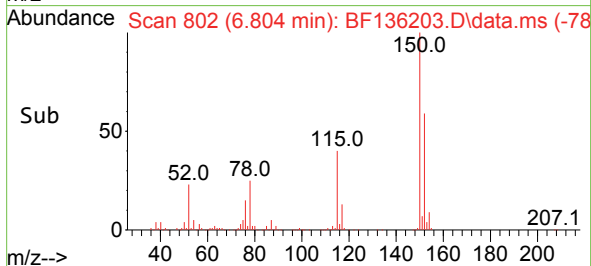


#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.804 min Scan# 805
 Delta R.T. -0.006 min
 Lab File: BF136203.D
 Acq: 25 Nov 2023 04:30

Instrument :
 BNA_F
 ClientSampleId :

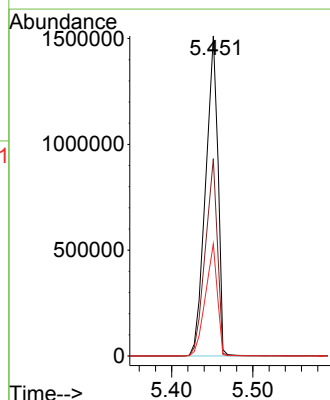
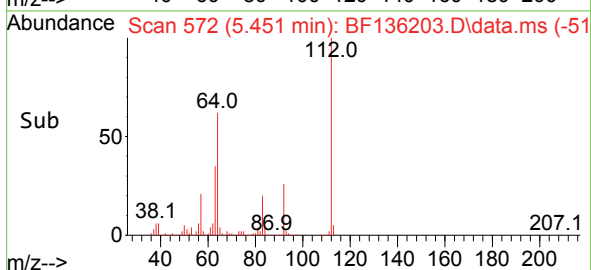
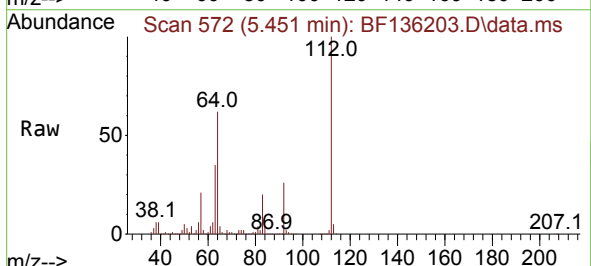


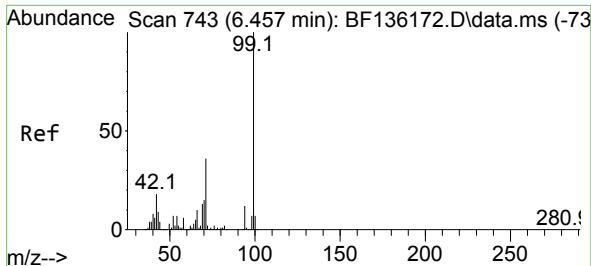
Tgt Ion:152 Resp: 167565
 Ion Ratio Lower Upper
 152 100
 150 169.3 123.1 184.7
 115 68.1 50.5 75.7



#5
 2-Fluorophenol
 Concen: 151.936 ng
 RT: 5.451 min Scan# 572
 Delta R.T. 0.017 min
 Lab File: BF136203.D
 Acq: 25 Nov 2023 04:30

Tgt Ion:112 Resp: 1598951
 Ion Ratio Lower Upper
 112 100
 64 61.6 45.4 68.0
 63 35.0 24.4 36.6

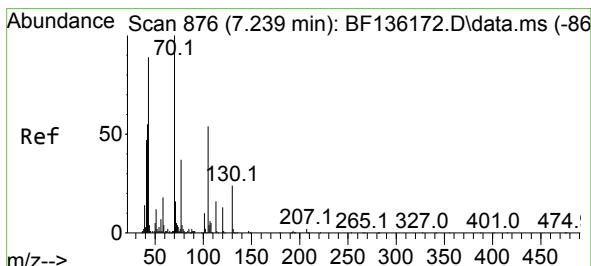
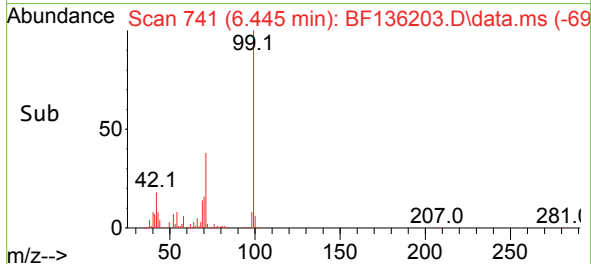
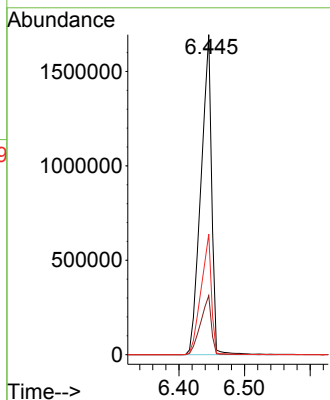
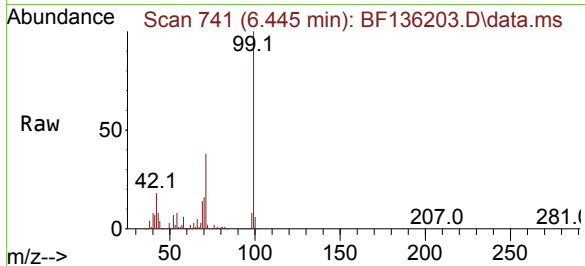




#7
Phenol-d6
Concen: 149.213 ng
RT: 6.445 min Scan# 743
Delta R.T. -0.000 min
Lab File: BF136203.D
Acq: 25 Nov 2023 04:30

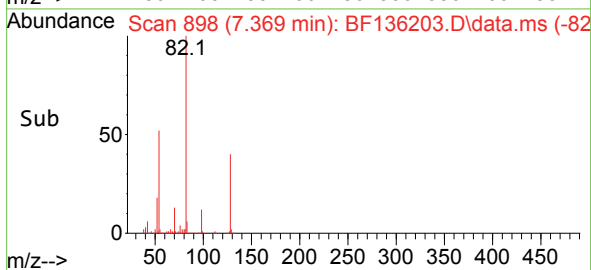
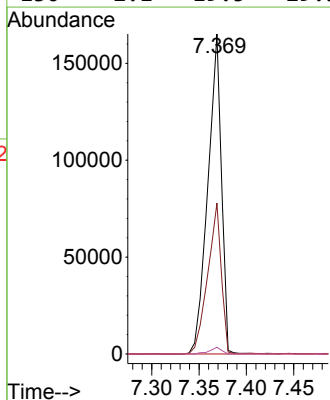
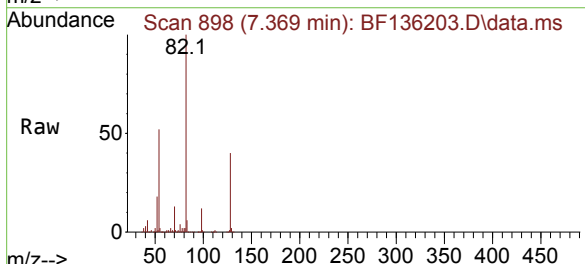
Instrument :
BNA_F
ClientSampleId :

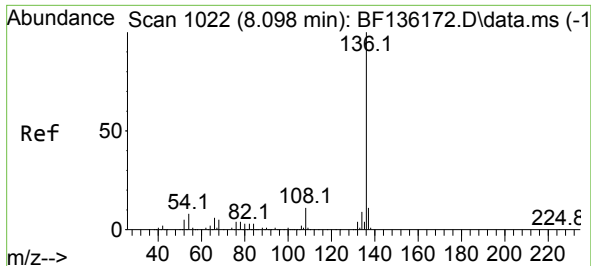
Tgt Ion: 99 Resp: 1932296
Ion Ratio Lower Upper
99 100
42 18.5 14.1 21.1
71 37.7 29.0 43.4



#19
n-Nitroso-di-n-propylamine
Concen: 22.004 ng
RT: 7.369 min Scan# 898
Delta R.T. 0.147 min
Lab File: BF136203.D
Acq: 25 Nov 2023 04:30

Tgt Ion: 70 Resp: 164487
Ion Ratio Lower Upper
70 100
42 47.2 43.9 65.9
101 0.0 8.1 12.1#
130 2.1 19.5 29.3#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.081 min Scan# 1

Delta R.T. -0.006 min

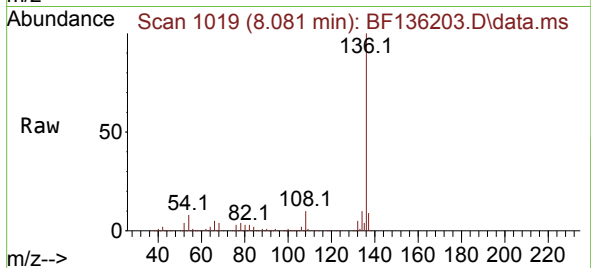
Lab File: BF136203.D

Acq: 25 Nov 2023 04:30

Instrument :

BNA_F

ClientSampleId :



Tgt Ion:136 Resp: 762826

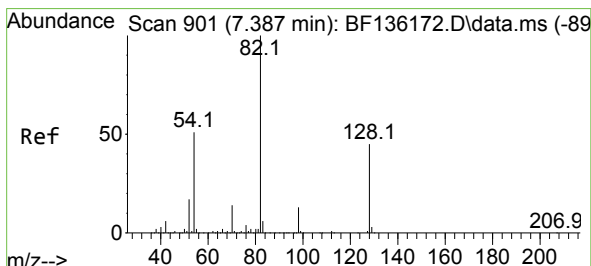
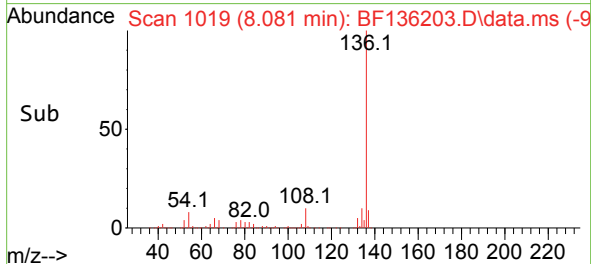
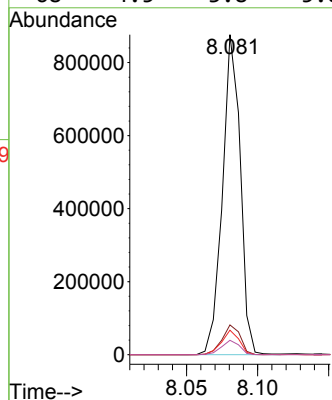
Ion Ratio Lower Upper

136 100

137 9.3 8.6 13.0

54 7.6 6.3 9.5

68 4.5 3.8 5.8



#23

Nitrobenzene-d5

Concen: 89.730 ng

RT: 7.369 min Scan# 898

Delta R.T. -0.006 min

Lab File: BF136203.D

Acq: 25 Nov 2023 04:30

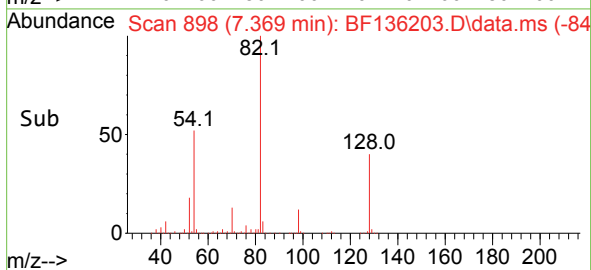
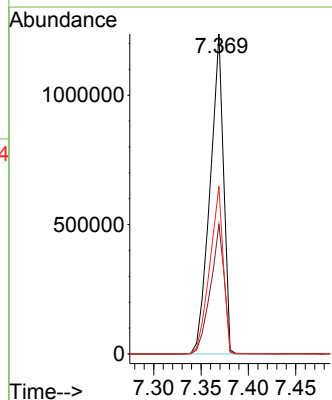
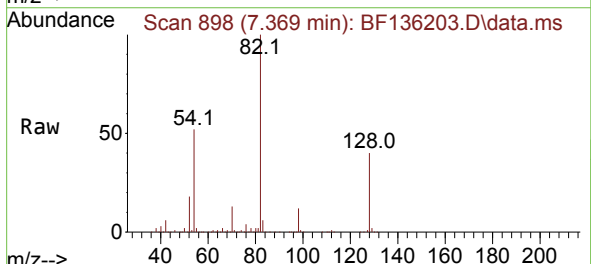
Tgt Ion: 82 Resp: 1226605

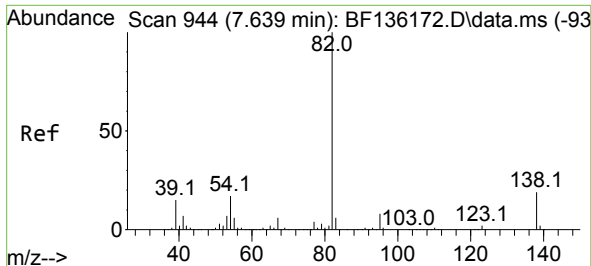
Ion Ratio Lower Upper

82 100

128 40.5 35.8 53.6

54 52.4 40.6 60.8

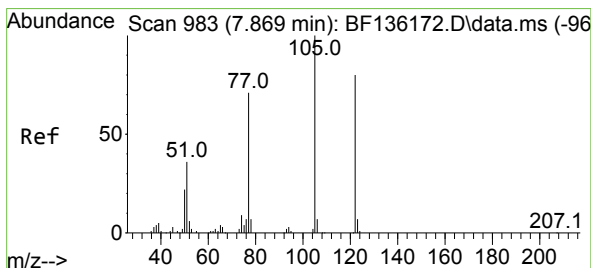
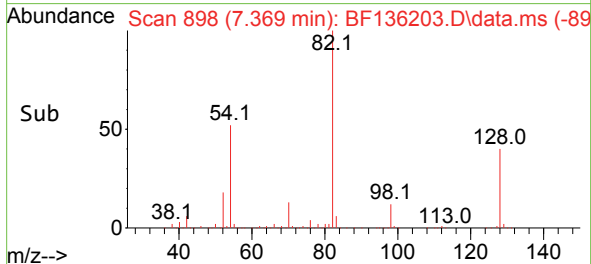
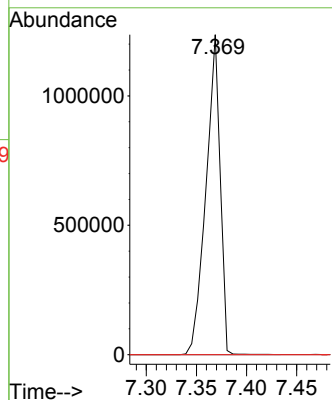
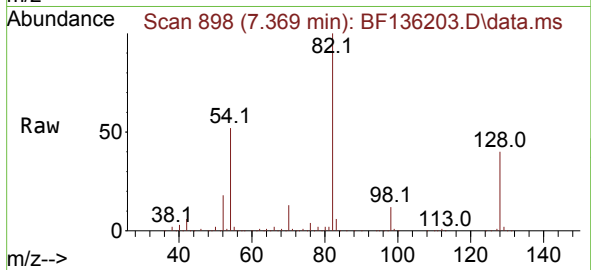




#25
Isophorone
Concen: 52.003 ng
RT: 7.369 min Scan# 89
Delta R.T. -0.259 min
Lab File: BF136203.D
Acq: 25 Nov 2023 04:30

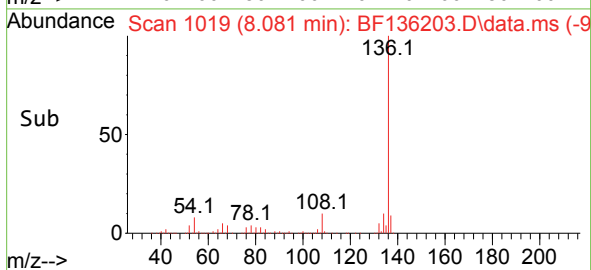
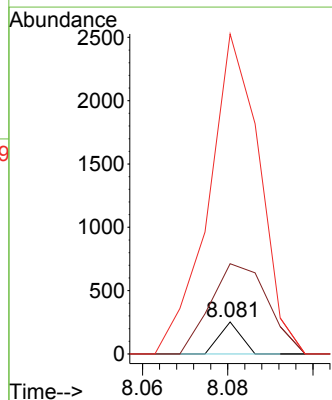
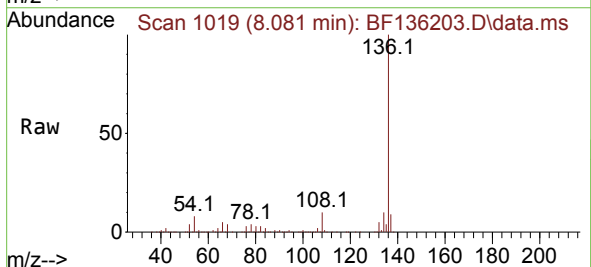
Instrument :
BNA_F
ClientSampleId :

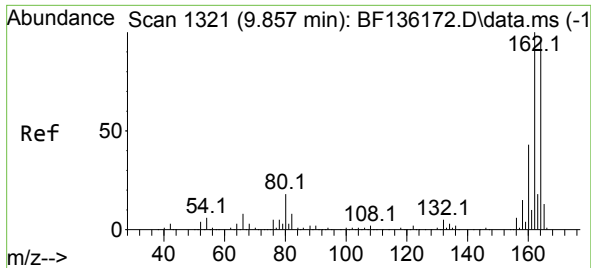
Tgt Ion: 82 Resp: 1226787
Ion Ratio Lower Upper
82 100
95 0.0 6.2 9.4#
138 0.0 14.8 22.2#



#32
Benzoic acid
Concen: 5.015 ng
RT: 8.081 min Scan# 1019
Delta R.T. 0.223 min
Lab File: BF136203.D
Acq: 25 Nov 2023 04:30

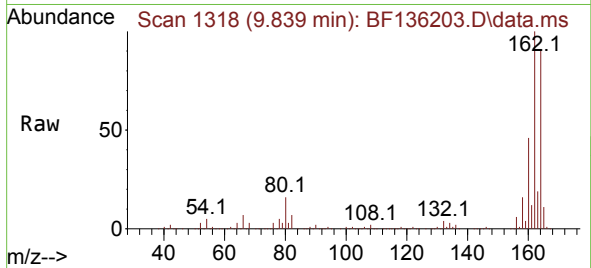
Tgt Ion:122 Resp: 89
Ion Ratio Lower Upper
122 100
105 281.8 102.5 142.5#
77 998.8 68.1 108.1#



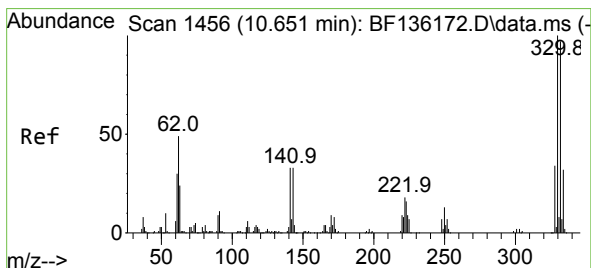
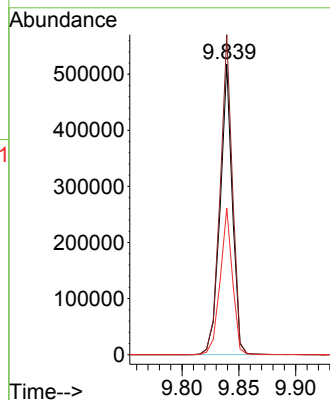
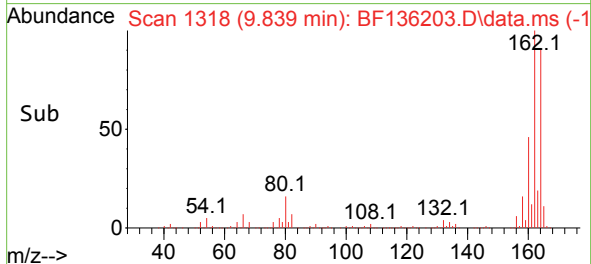


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.839 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF136203.D
Acq: 25 Nov 2023 04:30

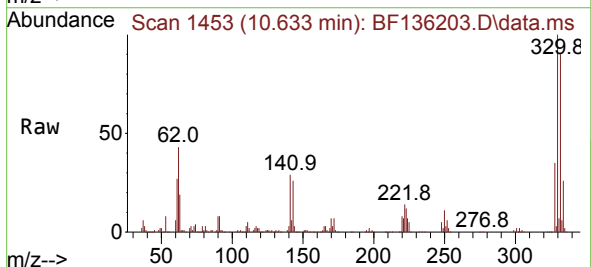
Instrument :
BNA_F
ClientSampleId :



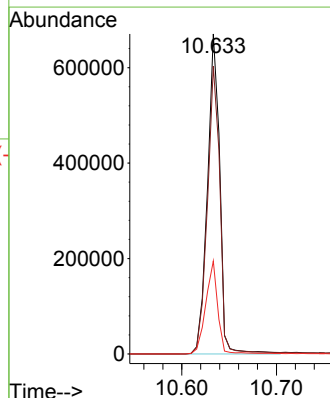
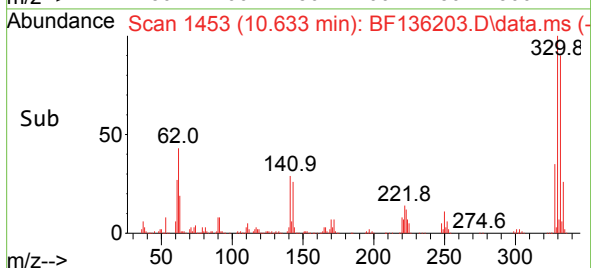
Tgt Ion:164 Resp: 388905
Ion Ratio Lower Upper
164 100
162 110.1 83.2 124.8
160 50.4 35.8 53.8

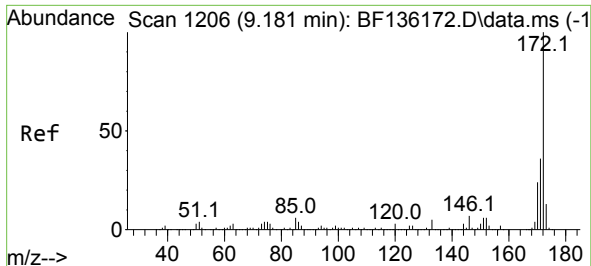


#42
2,4,6-Tribromophenol
Concen: 148.655 ng
RT: 10.633 min Scan# 1453
Delta R.T. -0.006 min
Lab File: BF136203.D
Acq: 25 Nov 2023 04:30



Tgt Ion:330 Resp: 605496
Ion Ratio Lower Upper
330 100
332 93.4 77.6 116.4
141 28.7 25.8 38.6

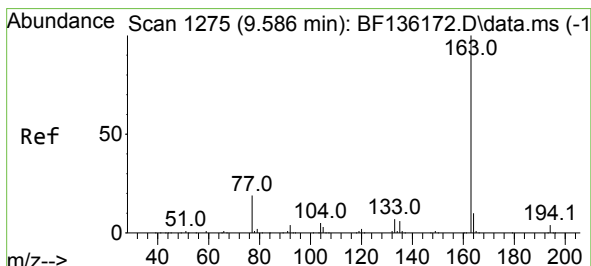
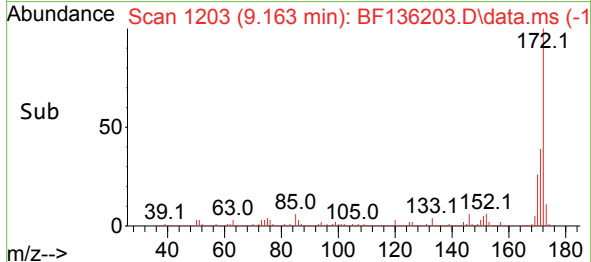
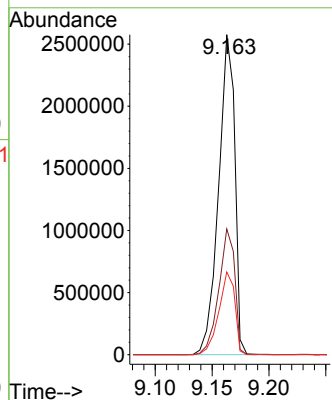
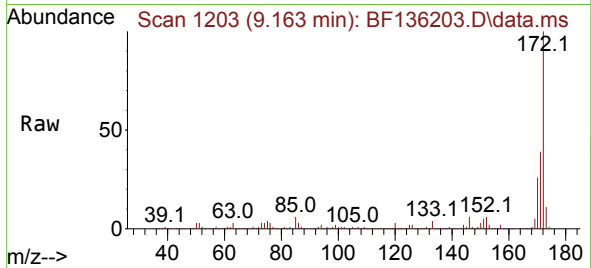




#45
2-Fluorobiphenyl
Concen: 97.301 ng
RT: 9.163 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF136203.D
Acq: 25 Nov 2023 04:30

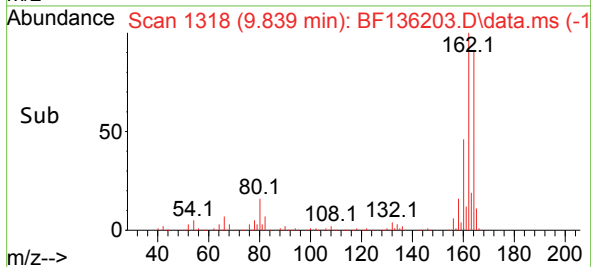
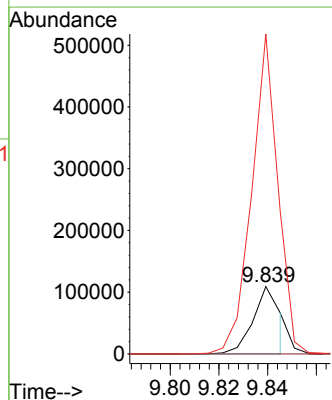
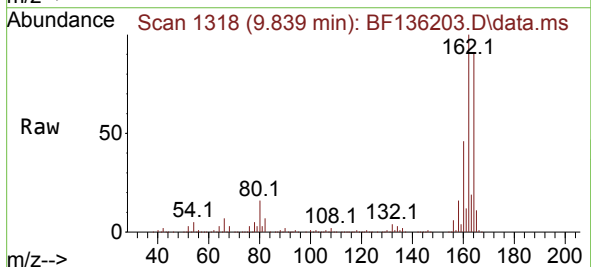
Instrument :
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ClientSampleId :

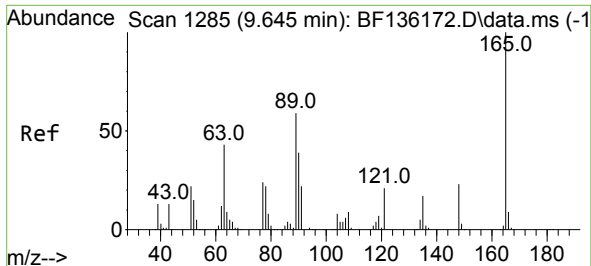
Tgt Ion:172 Resp: 2559927
Ion Ratio Lower Upper
172 100
171 39.3 28.9 43.3
170 25.9 19.1 28.7



#50
Dimethylphthalate
Concen: 3.171 ng
RT: 9.839 min Scan# 1318
Delta R.T. 0.264 min
Lab File: BF136203.D
Acq: 25 Nov 2023 04:30

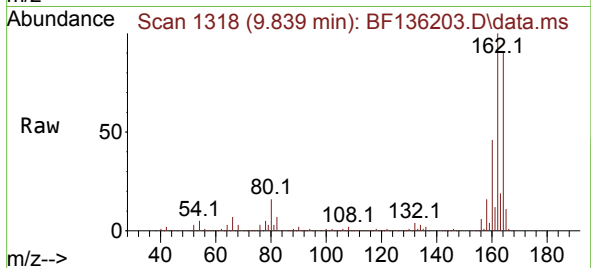
Tgt Ion:163 Resp: 83322
Ion Ratio Lower Upper
163 100
194 0.0 3.0 4.4#
164 474.9 7.8 11.8#



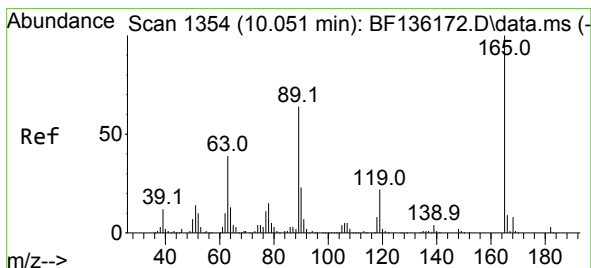
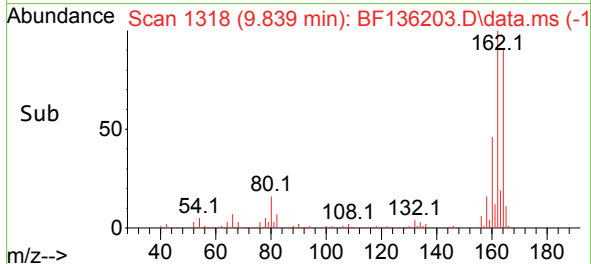
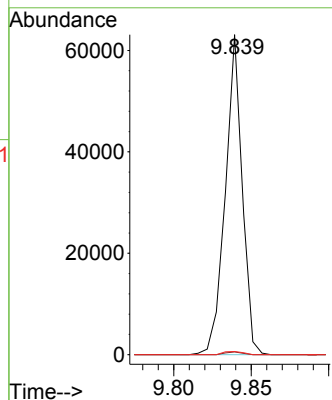


#51
2,6-Dinitrotoluene
Concen: 8.390 ng
RT: 9.839 min Scan# 1318
Delta R.T. 0.206 min
Lab File: BF136203.D
Acq: 25 Nov 2023 04:30

Instrument :
BNA_F
ClientSampleId :

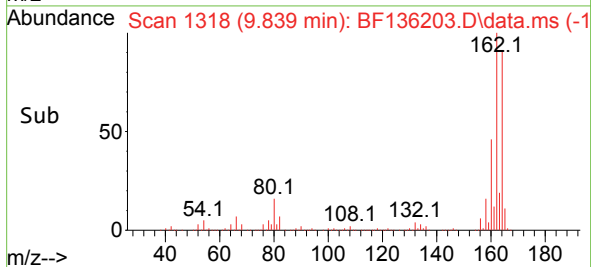
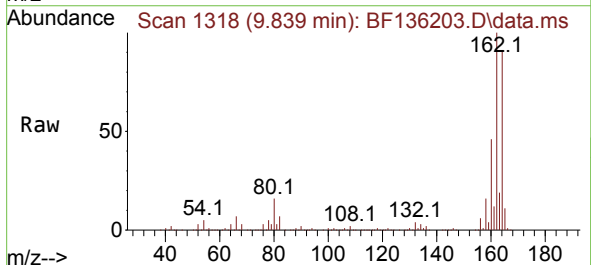
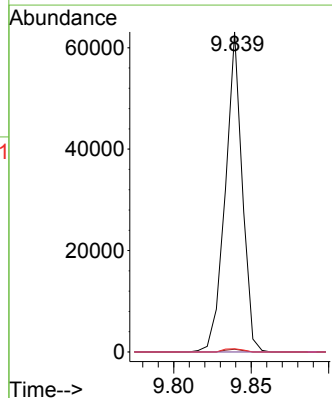


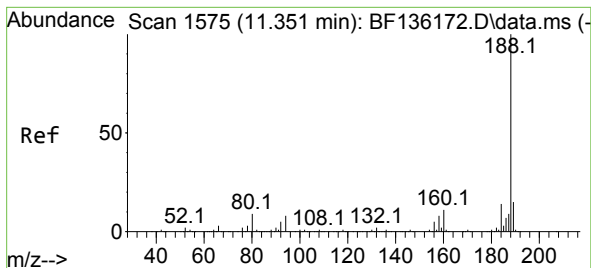
Tgt Ion:165 Resp: 47837
Ion Ratio Lower Upper
165 100
63 0.8 48.0 72.0#
89 1.0 47.2 70.8#



#57
2,4-Dinitrotoluene
Concen: 6.606 ng
RT: 9.839 min Scan# 1318
Delta R.T. -0.200 min
Lab File: BF136203.D
Acq: 25 Nov 2023 04:30

Tgt Ion:165 Resp: 47837
Ion Ratio Lower Upper
165 100
63 0.8 31.4 47.0#
89 1.0 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: BF136203.D

Acq: 25 Nov 2023 04:30

Instrument :

BNA_F

ClientSampleId :

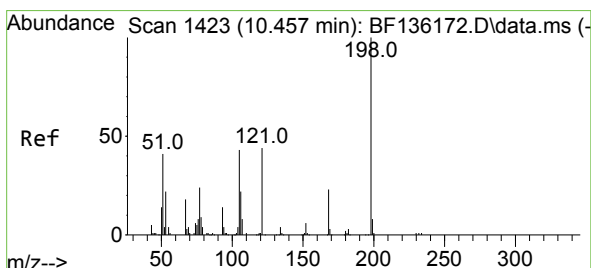
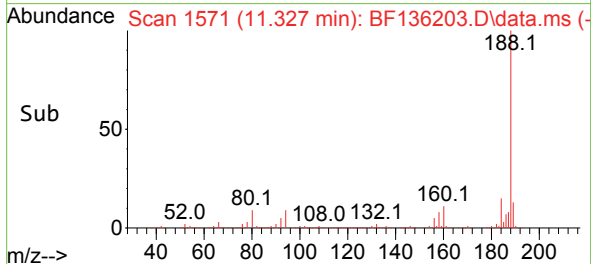
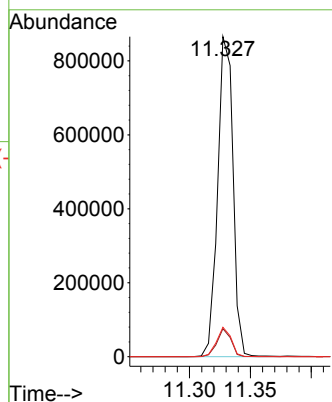
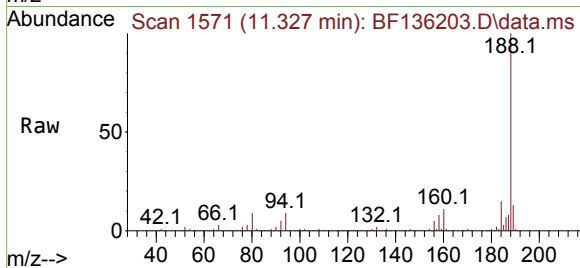
Tgt Ion:188 Resp: 759778

Ion Ratio Lower Upper

188 100

94 8.8 6.6 9.8

80 9.2 7.3 10.9



#65

4,6-Dinitro-2-methylphenol

Concen: 4.962 ng

RT: 10.633 min Scan# 1453

Delta R.T. 0.188 min

Lab File: BF136203.D

Acq: 25 Nov 2023 04:30

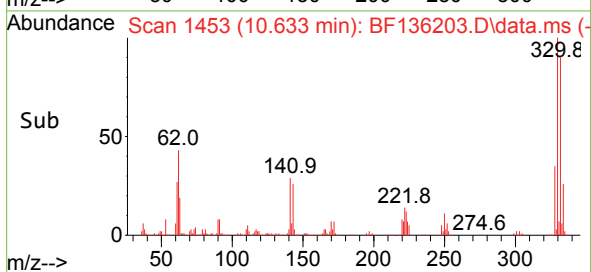
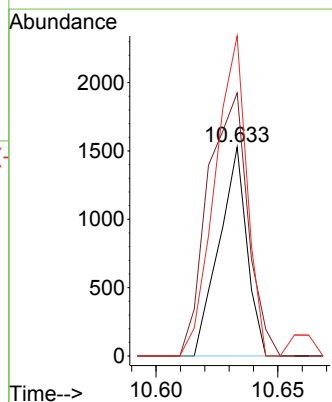
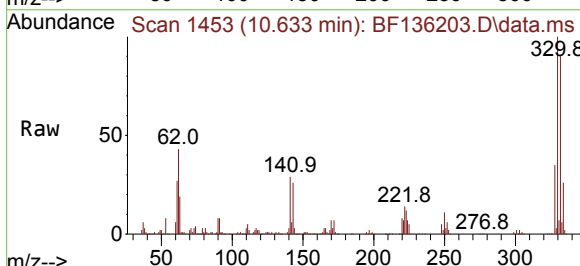
Tgt Ion:198 Resp: 1213

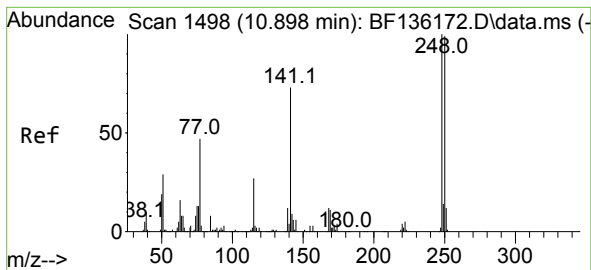
Ion Ratio Lower Upper

198 100

51 125.8 27.3 67.3#

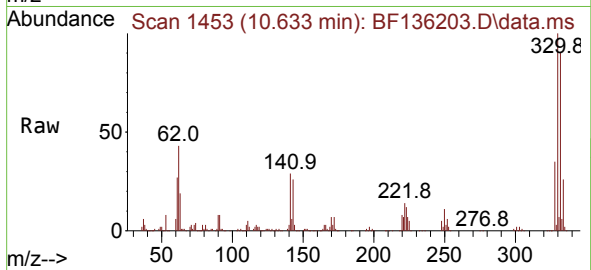
105 153.1 24.2 64.2#



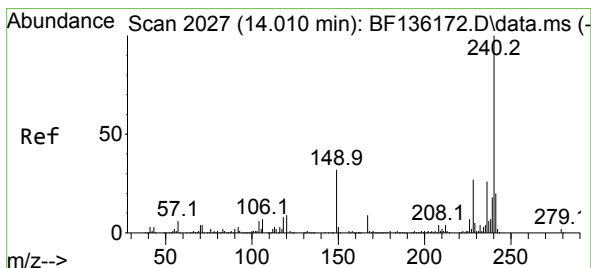
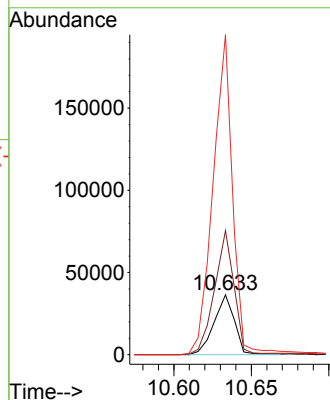
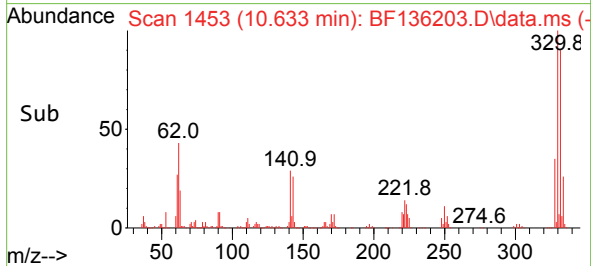


#67
4-Bromophenyl-phenylether
Concen: 3.962 ng
RT: 10.633 min Scan# 1498
Delta R.T. -0.253 min
Lab File: BF136203.D
Acq: 25 Nov 2023 04:30

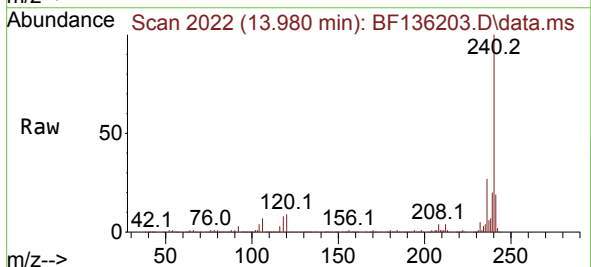
Instrument :
BNA_F
ClientSampleId :



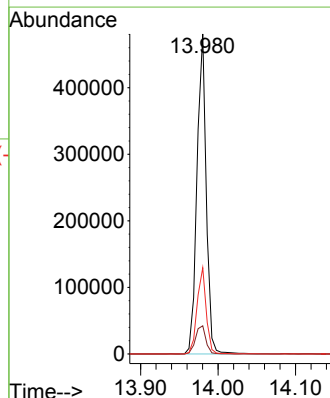
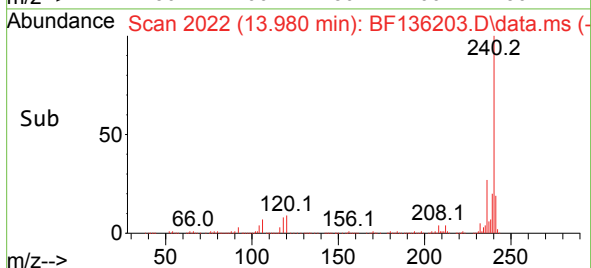
Tgt Ion:248 Resp: 33530
Ion Ratio Lower Upper
248 100
250 207.3 79.0 118.4#
141 534.5 58.8 88.2#

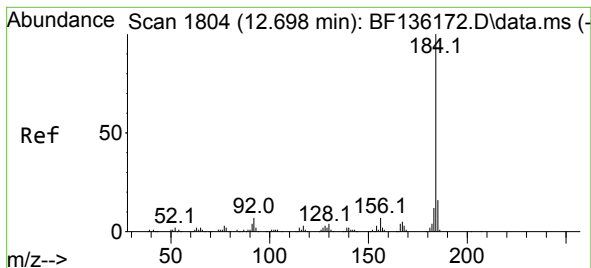


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.980 min Scan# 2022
Delta R.T. -0.006 min
Lab File: BF136203.D
Acq: 25 Nov 2023 04:30



Tgt Ion:240 Resp: 400236
Ion Ratio Lower Upper
240 100
120 8.8 7.1 10.7
236 26.9 20.9 31.3





#77

Benzidine

Concen: 4.596 ng

RT: 12.933 min Scan# 1844

Delta R.T. 0.253 min

Lab File: BF136203.D

Acq: 25 Nov 2023 04:30

Instrument :

BNA_F

ClientSampleId :

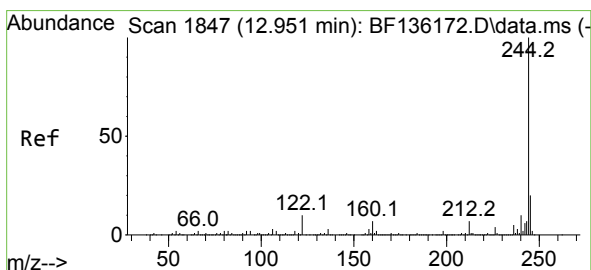
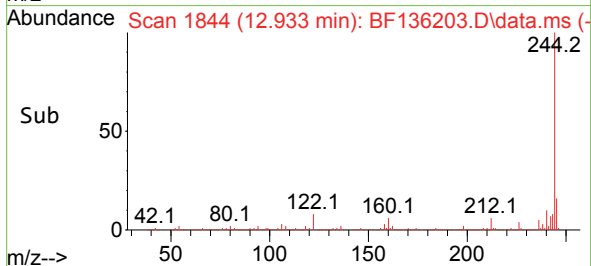
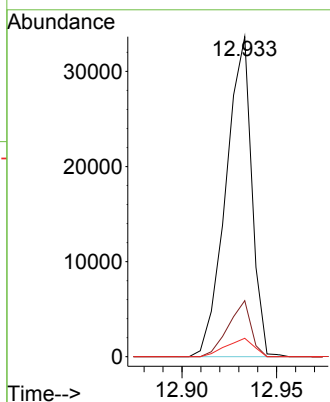
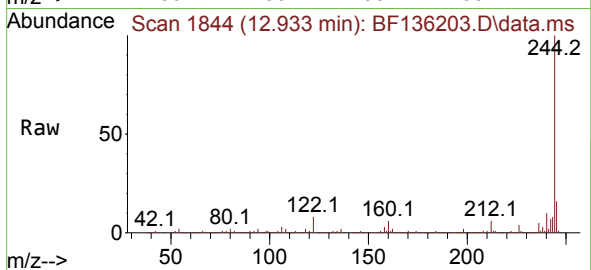
Tgt Ion:184 Resp: 31851

Ion Ratio Lower Upper

184 100

185 17.5 12.6 18.8

183 5.7 9.2 13.8#



#79

Terphenyl-d14

Concen: 102.082 ng

RT: 12.933 min Scan# 1844

Delta R.T. -0.000 min

Lab File: BF136203.D

Acq: 25 Nov 2023 04:30

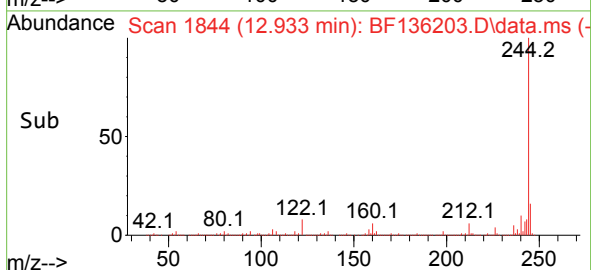
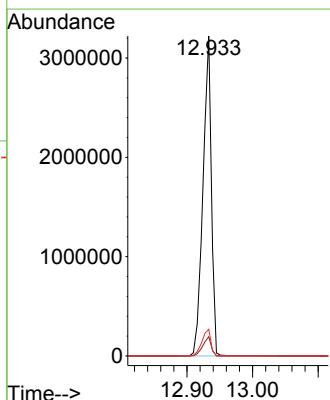
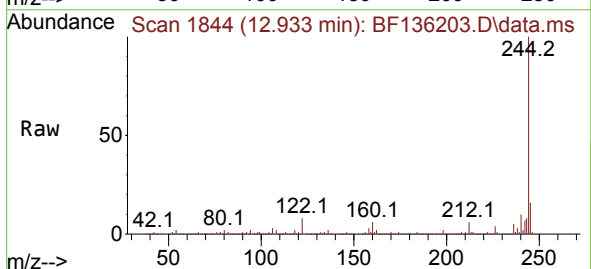
Tgt Ion:244 Resp: 2878313

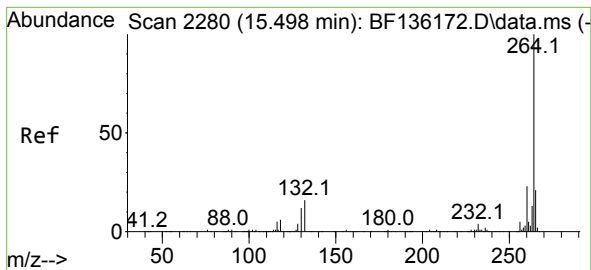
Ion Ratio Lower Upper

244 100

212 6.0 5.4 8.0

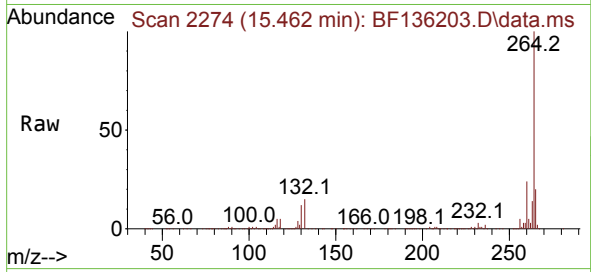
122 8.4 8.1 12.1





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.462 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF136203.D
Acq: 25 Nov 2023 04:30

Instrument :
BNA_F
ClientSampleId :



Tgt Ion:264 Resp: 387367

Ion	Ratio	Lower	Upper
264	100		
260	23.6	18.5	27.7
265	20.5	16.9	25.3

