

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112423\
 Data File : BF136199.D
 Acq On : 25 Nov 2023 02:18
 Operator : CG\JU
 Sample : PB157264BL
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 25 04:00:14 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)

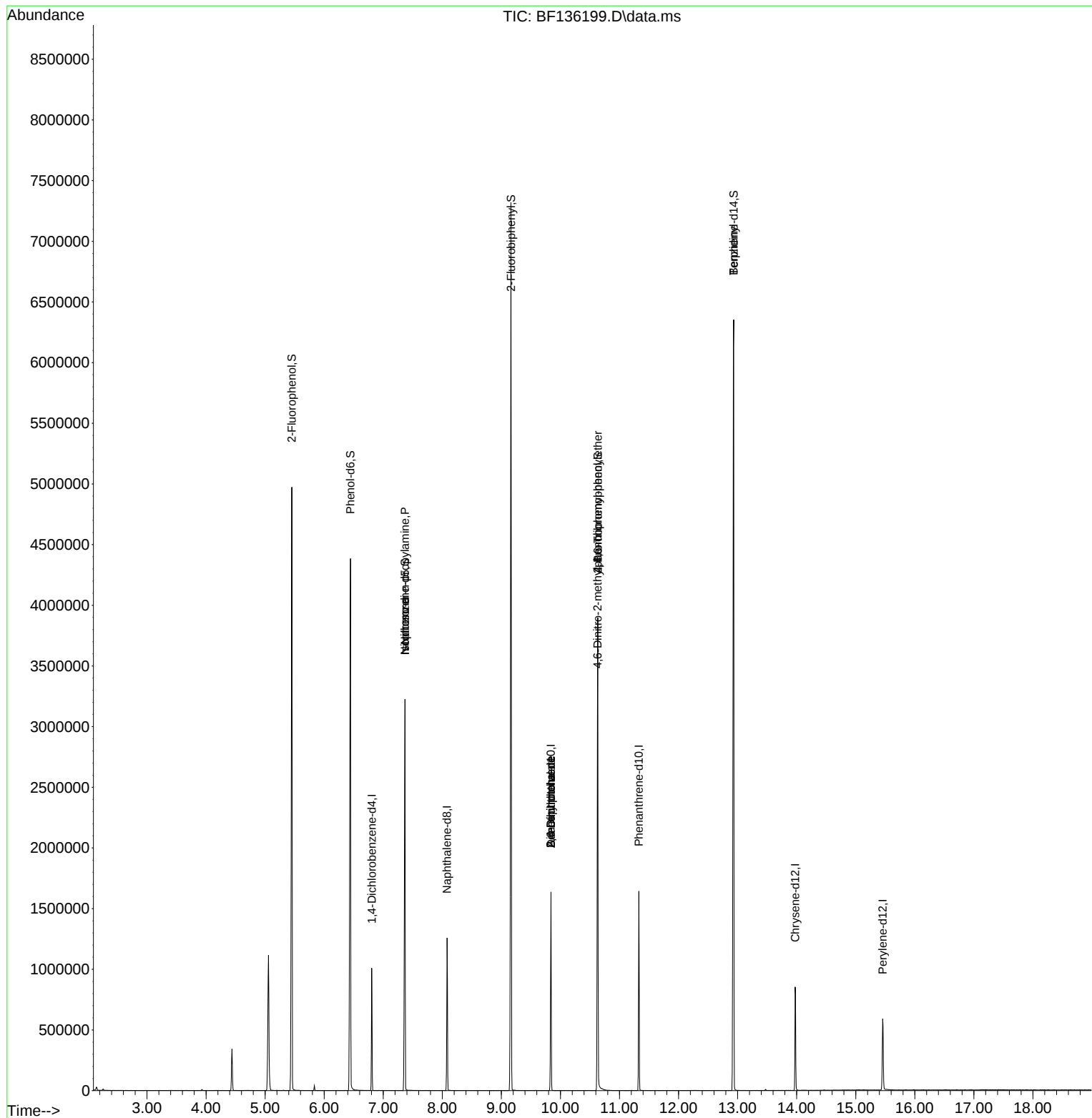
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.804	152	129984	20.000	ng	0.00
21) Naphthalene-d8	8.080	136	549468	20.000	ng	0.00
39) Acenaphthene-d10	9.839	164	283978	20.000	ng	0.00
64) Phenanthrene-d10	11.327	188	547132	20.000	ng	-0.01
76) Chrysene-d12	13.974	240	289220	20.000	ng	#-0.01
86) Perylene-d12	15.456	264	273177	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.451	112	1373358	168.230	ng	0.02
7) Phenol-d6	6.445	99	1674667	166.708	ng	0.00
23) Nitrobenzene-d5	7.369	82	1059534	107.605	ng	0.00
42) 2,4,6-Tribromophenol	10.633	330	523172	175.902	ng	0.00
45) 2-Fluorobiphenyl	9.163	172	2253366	117.295	ng	0.00
79) Terphenyl-d14	12.933	244	2650388	130.080	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.369	70	141991	24.486	ng	# 76
25) Isophorone	7.369	82	1059517	62.352	ng	# 64
50) Dimethylphthalate	9.839	163	61109	3.185	ng	# 1
51) 2,6-Dinitrotoluene	9.839	165	33599	8.070	ng	# 23
57) 2,4-Dinitrotoluene	9.839	165	33599	6.354	ng	# 29
65) 4,6-Dinitro-2-methylph...	10.627	198	957	4.986	ng	# 1
67) 4-Bromophenyl-phenylether	10.633	248	28544	4.684	ng	# 1
77) Benzidine	12.933	184	27528	5.497	ng	# 92

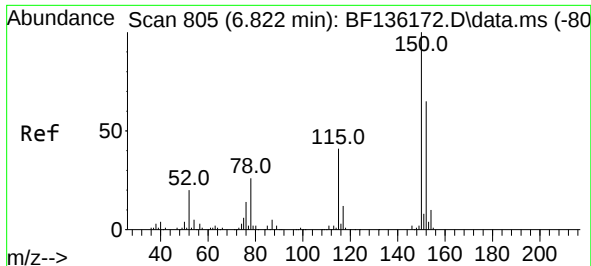
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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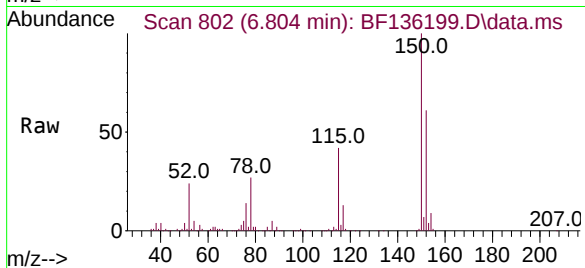
Quant Time: Nov 25 04:00:14 2023
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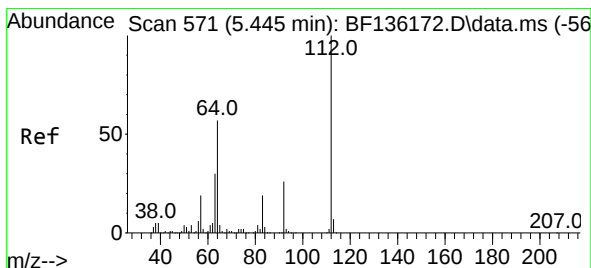
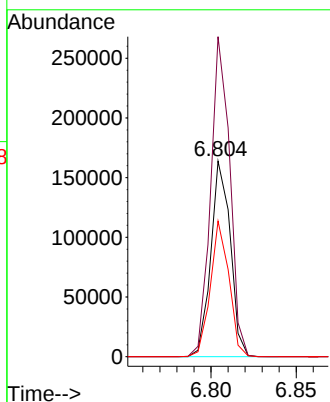
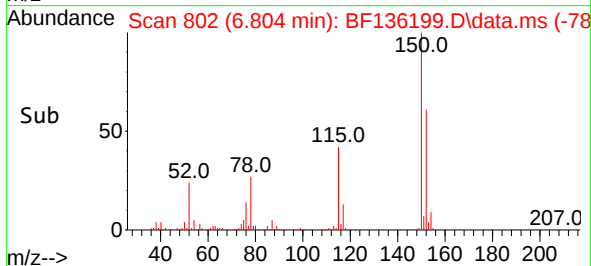


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.804 min Scan# 805
Delta R.T. -0.006 min
Lab File: BF136199.D
Acq: 25 Nov 2023 02:18

Instrument :
BNA_F
ClientSampleId :

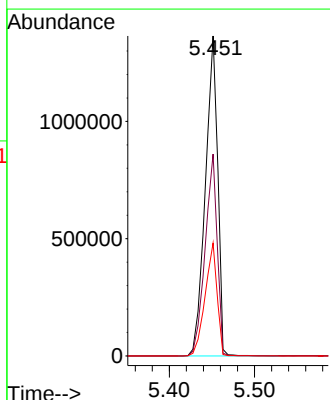
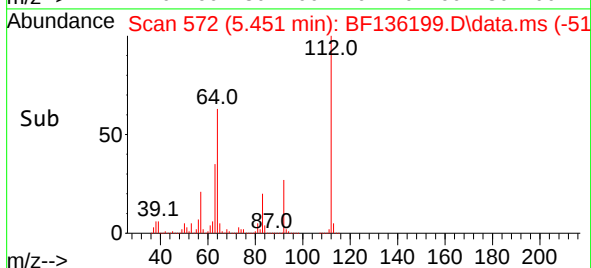
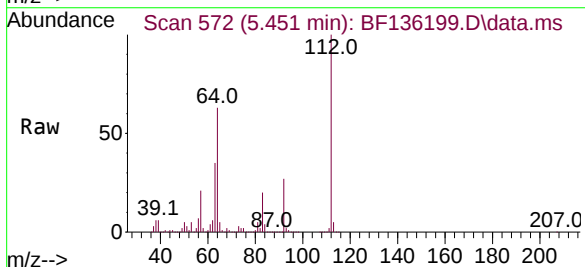


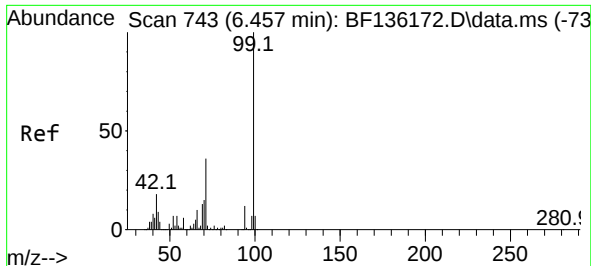
Tgt Ion:152 Resp: 129984
Ion Ratio Lower Upper
152 100
150 163.6 123.1 184.7
115 69.3 50.5 75.7



#5
2-Fluorophenol
Concen: 168.230 ng
RT: 5.451 min Scan# 572
Delta R.T. 0.017 min
Lab File: BF136199.D
Acq: 25 Nov 2023 02:18

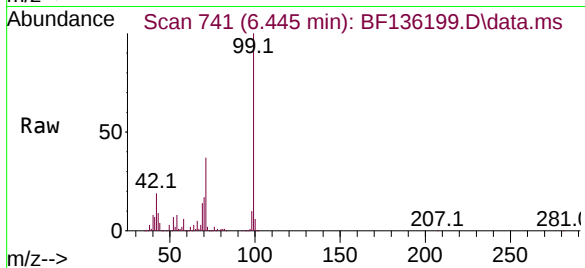
Tgt Ion:112 Resp: 1373358
Ion Ratio Lower Upper
112 100
64 63.1 45.4 68.0
63 35.3 24.4 36.6





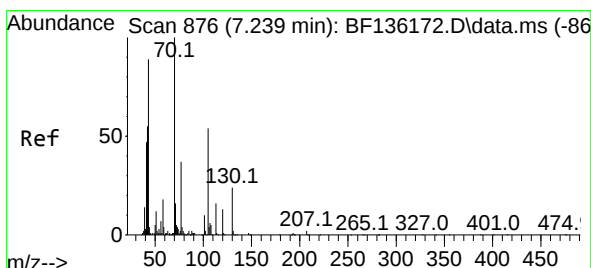
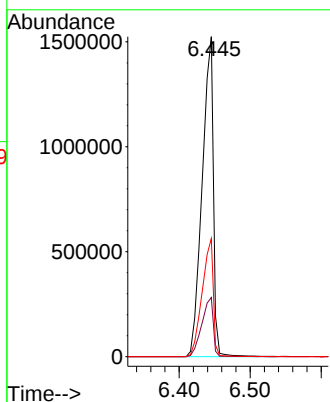
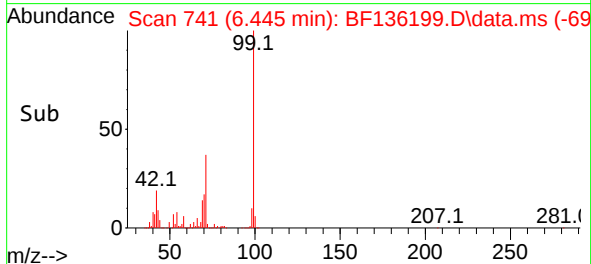
#7
Phenol-d6
Concen: 166.708 ng
RT: 6.445 min Scan# 741
Delta R.T. -0.000 min
Lab File: BF136199.D
Acq: 25 Nov 2023 02:18

Instrument :
BNA_F
ClientSampleId :

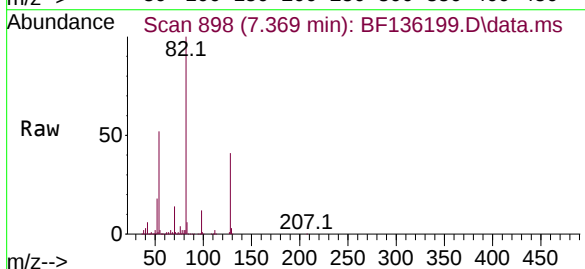


Tgt Ion: 99 Resp: 1674667

Ion	Ratio	Lower	Upper
99	100		
42	18.5	14.1	21.1
71	36.9	29.0	43.4

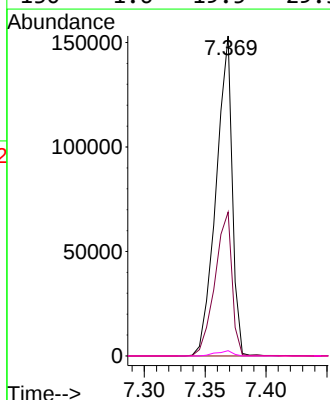
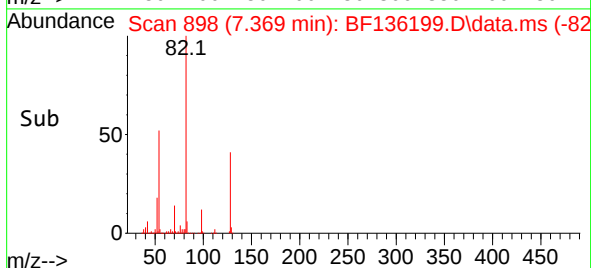


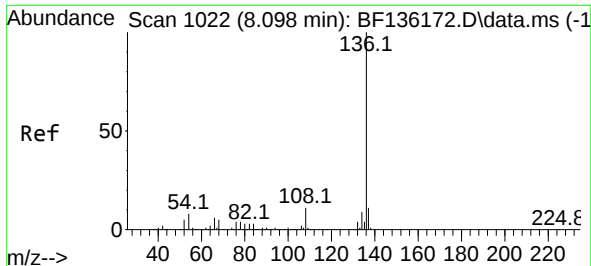
#19
n-Nitroso-di-n-propylamine
Concen: 24.486 ng
RT: 7.369 min Scan# 898
Delta R.T. 0.147 min
Lab File: BF136199.D
Acq: 25 Nov 2023 02:18



Tgt Ion: 70 Resp: 141991

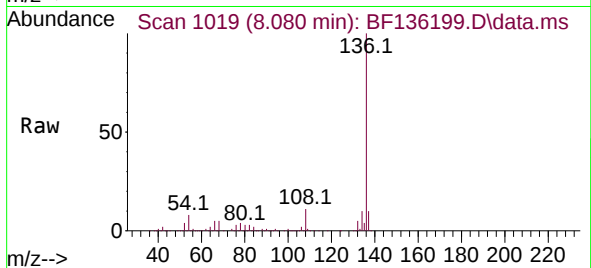
Ion	Ratio	Lower	Upper
70	100		
42	44.9	43.9	65.9
101	0.0	8.1	12.1#
130	1.6	19.5	29.3#



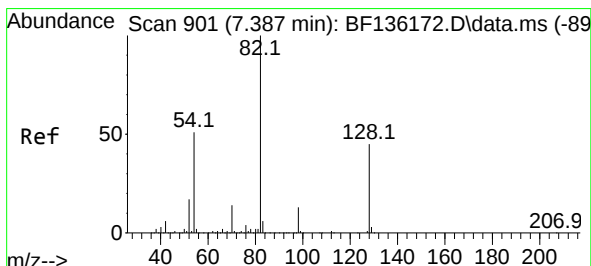
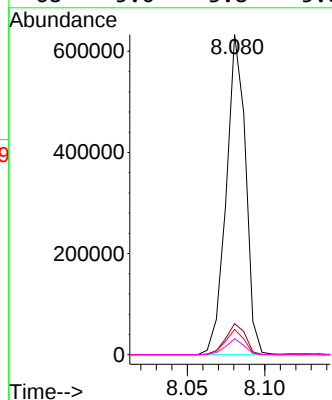
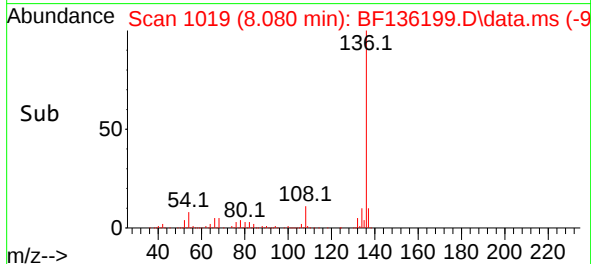


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.080 min Scan# 1019
Delta R.T. -0.006 min
Lab File: BF136199.D
Acq: 25 Nov 2023 02:18

Instrument :
BNA_F
ClientSampleId :

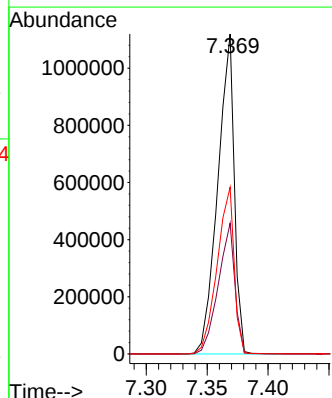
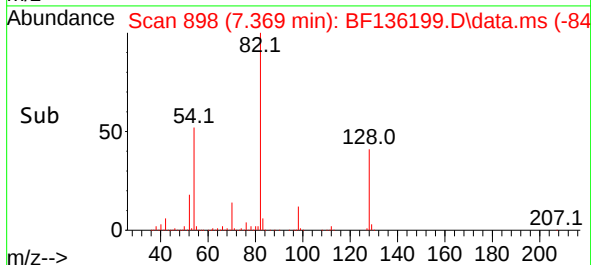
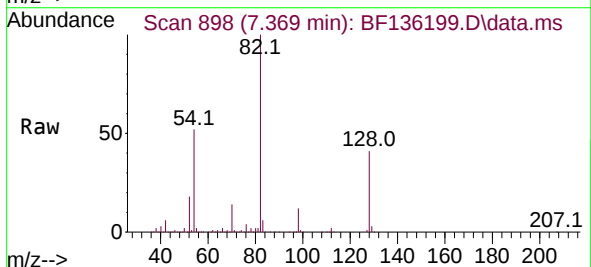


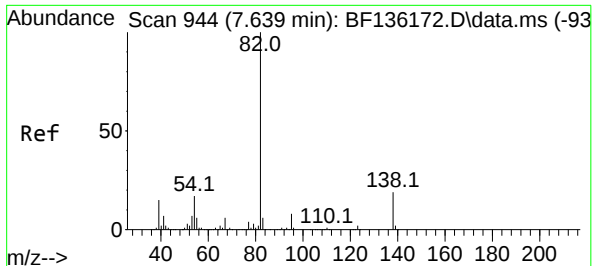
Tgt Ion:136 Resp: 549468
Ion Ratio Lower Upper
136 100
137 9.7 8.6 13.0
54 7.9 6.3 9.5
68 5.0 3.8 5.8



#23
Nitrobenzene-d5
Concen: 107.605 ng
RT: 7.369 min Scan# 898
Delta R.T. -0.006 min
Lab File: BF136199.D
Acq: 25 Nov 2023 02:18

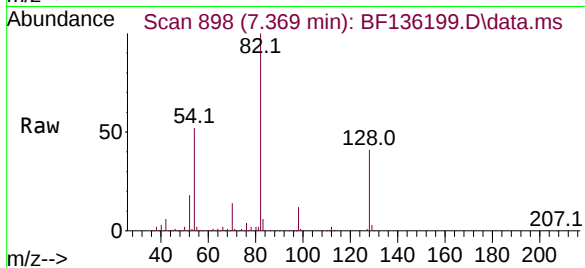
Tgt Ion: 82 Resp: 1059534
Ion Ratio Lower Upper
82 100
128 40.9 35.8 53.6
54 52.1 40.6 60.8



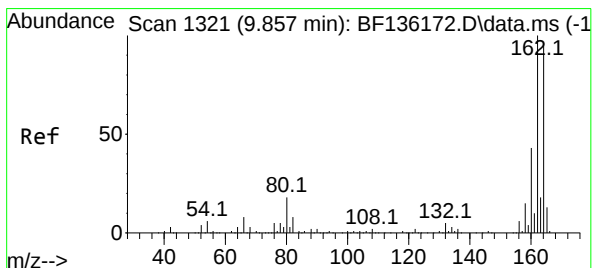
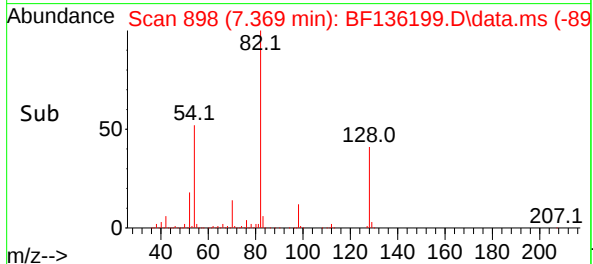
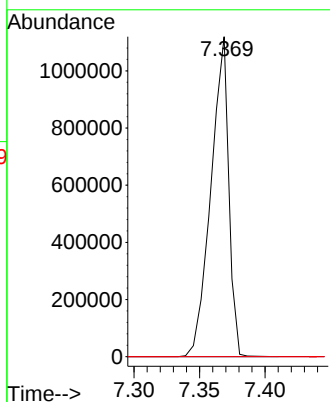


#25
Isophorone
Concen: 62.352 ng
RT: 7.369 min Scan# 89
Delta R.T. -0.259 min
Lab File: BF136199.D
Acq: 25 Nov 2023 02:18

Instrument :
BNA_F
ClientSampleId :

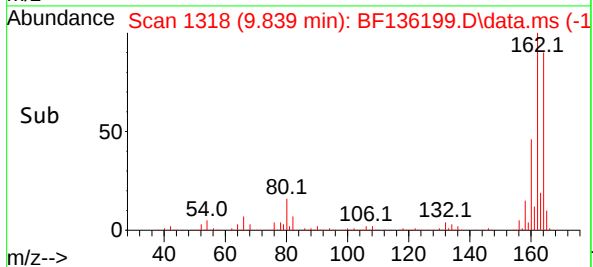
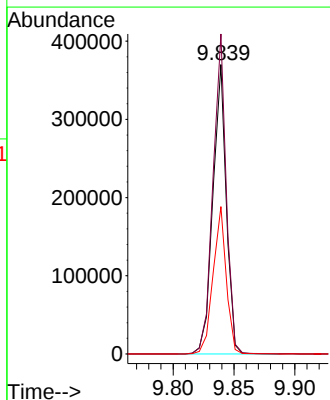
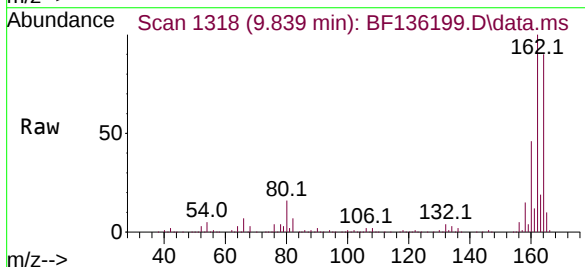


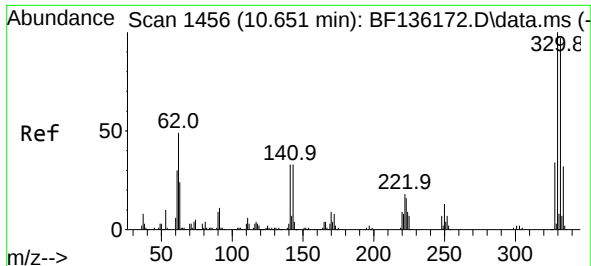
Tgt Ion: 82 Resp: 1059517
Ion Ratio Lower Upper
82 100
95 0.0 6.2 9.4#
138 0.0 14.8 22.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.839 min Scan# 1318
Delta R.T. -0.006 min
Lab File: BF136199.D
Acq: 25 Nov 2023 02:18

Tgt Ion:164 Resp: 283978
Ion Ratio Lower Upper
164 100
162 110.5 83.2 124.8
160 50.9 35.8 53.8





#42

2,4,6-Tribromophenol

Concen: 175.902 ng

RT: 10.633 min Scan# 1456

Delta R.T. -0.006 min

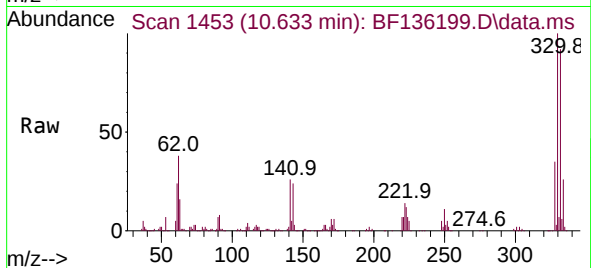
Lab File: BF136199.D

Acq: 25 Nov 2023 02:18

Instrument :

BNA_F

ClientSampleId :



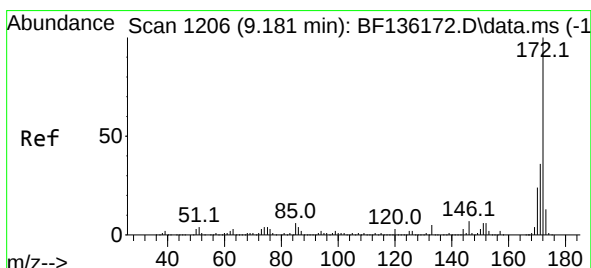
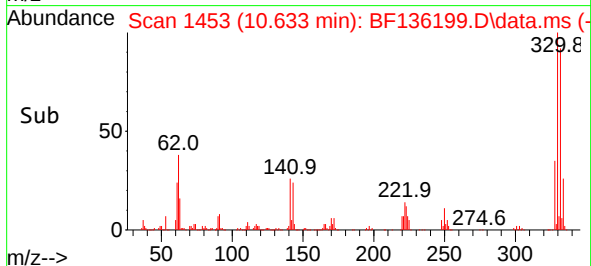
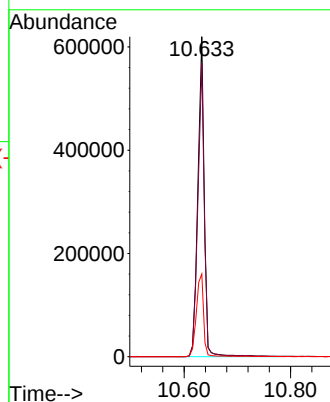
Tgt Ion:330 Resp: 523172

Ion Ratio Lower Upper

330 100

332 92.7 77.6 116.4

141 29.1 25.8 38.6



#45

2-Fluorobiphenyl

Concen: 117.295 ng

RT: 9.163 min Scan# 1203

Delta R.T. -0.006 min

Lab File: BF136199.D

Acq: 25 Nov 2023 02:18

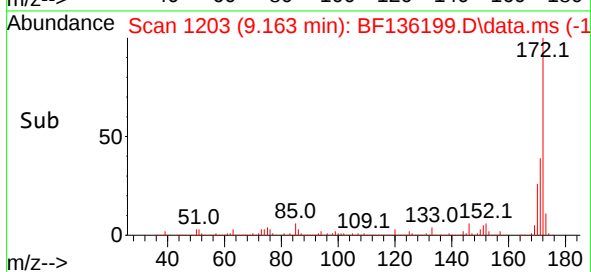
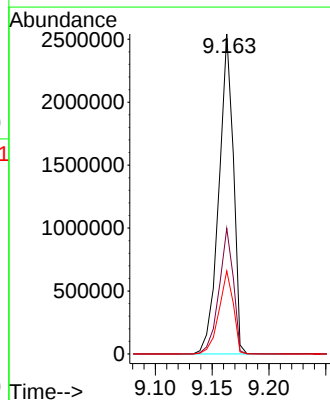
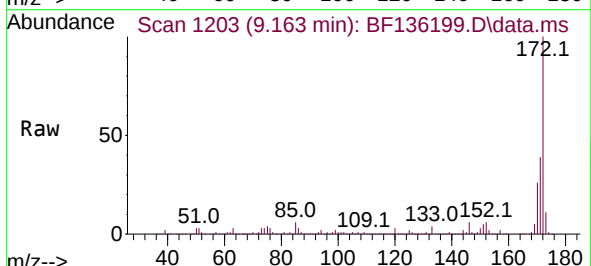
Tgt Ion:172 Resp: 2253366

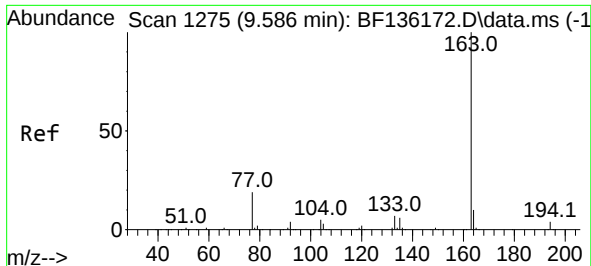
Ion Ratio Lower Upper

172 100

171 39.2 28.9 43.3

170 26.0 19.1 28.7

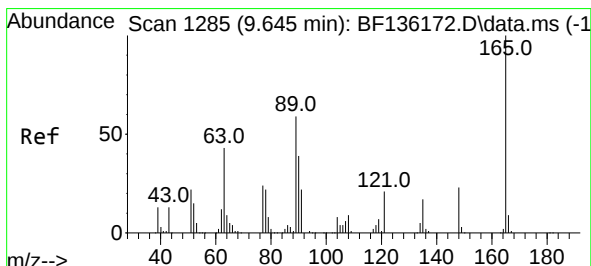
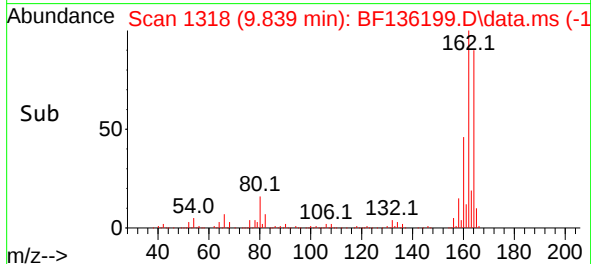
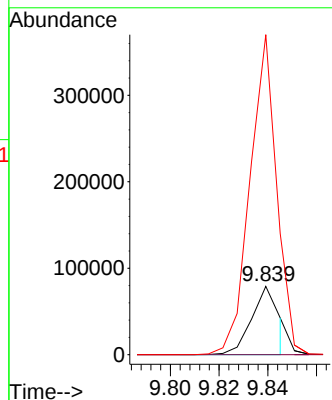
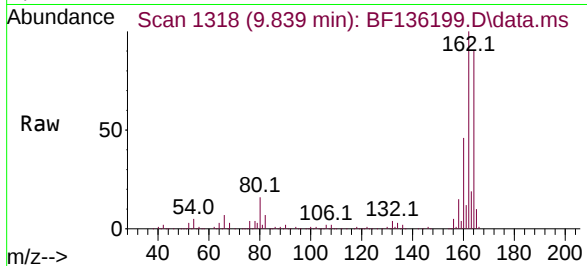




#50
Dimethylphthalate
Concen: 3.185 ng
RT: 9.839 min Scan# 1318
Delta R.T. 0.264 min
Lab File: BF136199.D
Acq: 25 Nov 2023 02:18

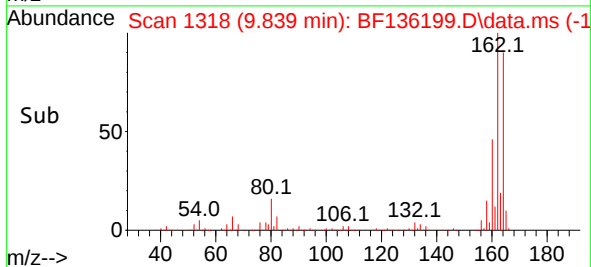
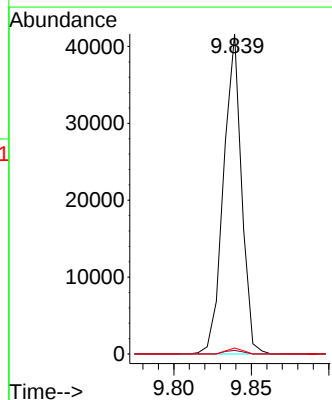
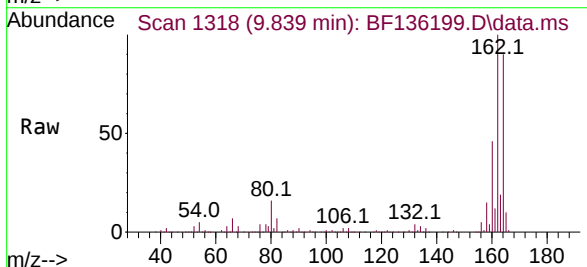
Instrument :
BNA_F
ClientSampleId :

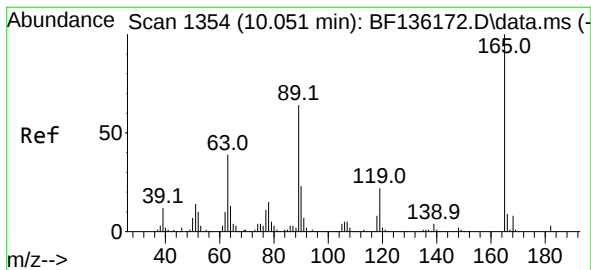
Tgt Ion:163 Resp: 61109
Ion Ratio Lower Upper
163 100
194 0.0 3.0 4.4#
164 468.3 7.8 11.8#



#51
2,6-Dinitrotoluene
Concen: 8.070 ng
RT: 9.839 min Scan# 1318
Delta R.T. 0.206 min
Lab File: BF136199.D
Acq: 25 Nov 2023 02:18

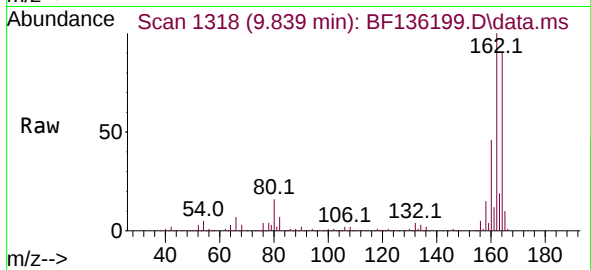
Tgt Ion:165 Resp: 33599
Ion Ratio Lower Upper
165 100
63 1.1 48.0 72.0#
89 1.8 47.2 70.8#



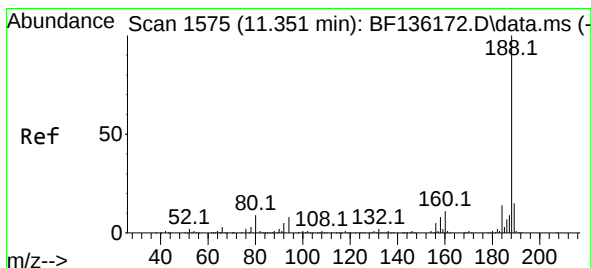
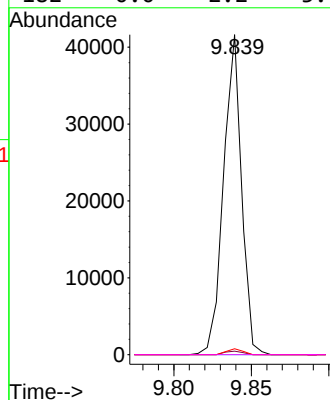
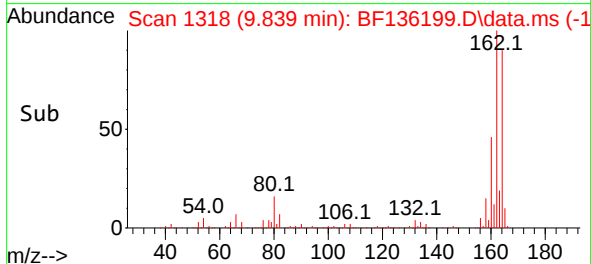


#57
2,4-Dinitrotoluene
Concen: 6.354 ng
RT: 9.839 min Scan# 11
Delta R.T. -0.200 min
Lab File: BF136199.D
Acq: 25 Nov 2023 02:18

Instrument :
BNA_F
ClientSampleId :

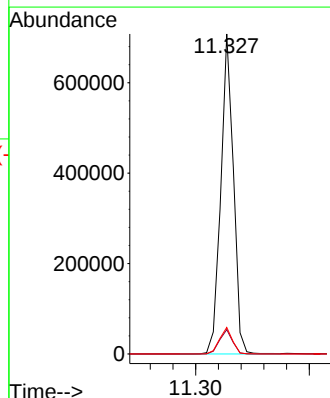
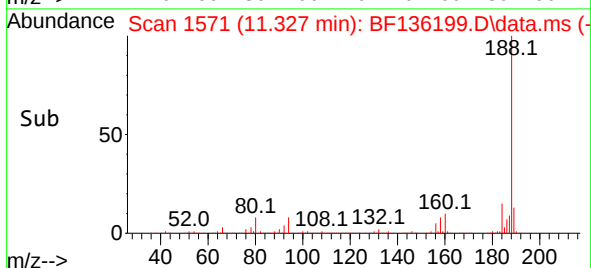
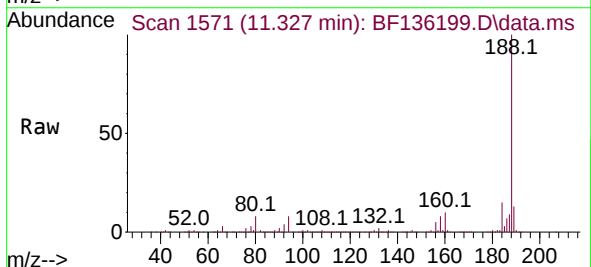


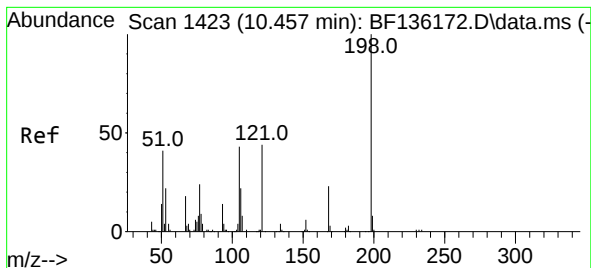
Tgt Ion:165 Resp: 33599
Ion Ratio Lower Upper
165 100
63 1.1 31.4 47.0#
89 1.8 51.6 77.4#
182 0.0 2.2 3.4#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.327 min Scan# 1571
Delta R.T. -0.012 min
Lab File: BF136199.D
Acq: 25 Nov 2023 02:18

Tgt Ion:188 Resp: 547132
Ion Ratio Lower Upper
188 100
94 7.6 6.6 9.8
80 8.3 7.3 10.9

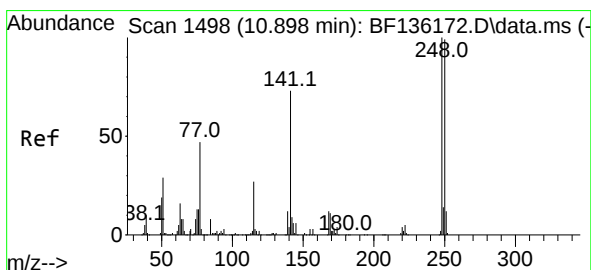
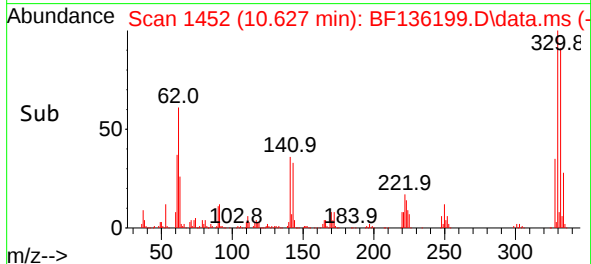
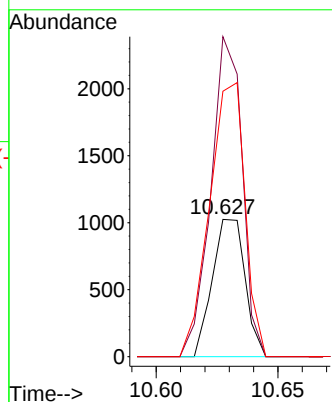
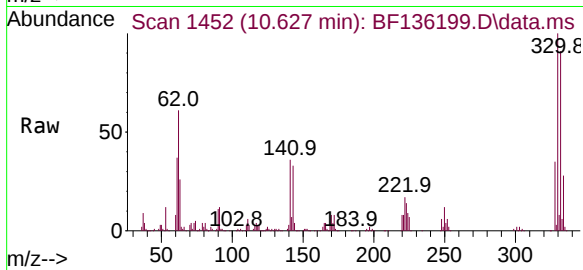




#65
4,6-Dinitro-2-methylphenol
Concen: 4.986 ng
RT: 10.627 min Scan# 1423
Delta R.T. 0.182 min
Lab File: BF136199.D
Acq: 25 Nov 2023 02:18

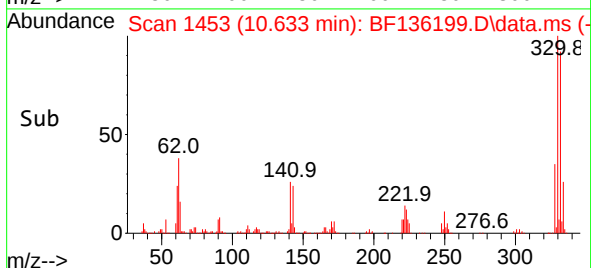
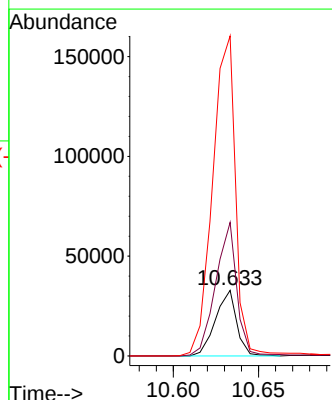
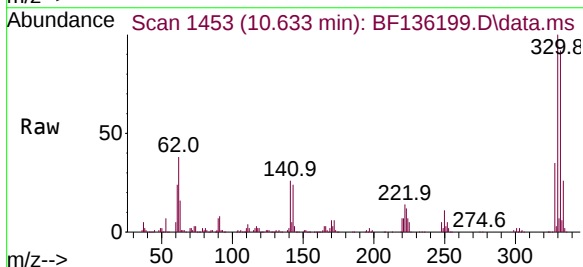
Instrument :
BNA_F
ClientSampleId :

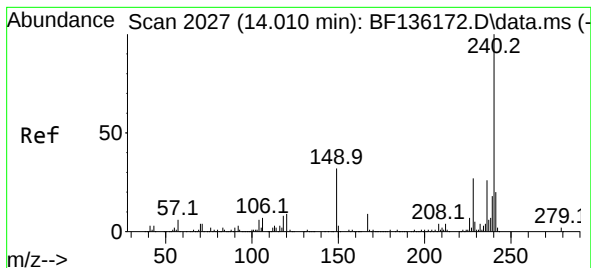
Tgt Ion:198 Resp: 957
Ion Ratio Lower Upper
198 100
51 233.1 27.3 67.3#
105 193.4 24.2 64.2#



#67
4-Bromophenyl-phenylether
Concen: 4.684 ng
RT: 10.633 min Scan# 1453
Delta R.T. -0.253 min
Lab File: BF136199.D
Acq: 25 Nov 2023 02:18

Tgt Ion:248 Resp: 28544
Ion Ratio Lower Upper
248 100
250 203.5 79.0 118.4#
141 487.5 58.8 88.2#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.974 min Scan# 2027

Delta R.T. -0.012 min

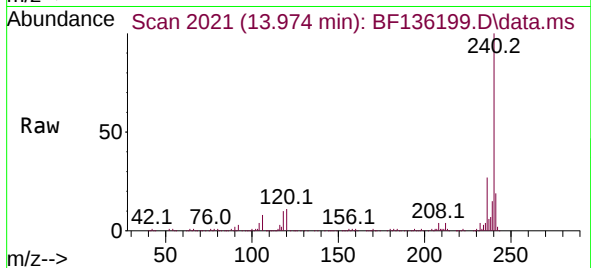
Lab File: BF136199.D

Acq: 25 Nov 2023 02:18

Instrument :

BNA_F

ClientSampleId :



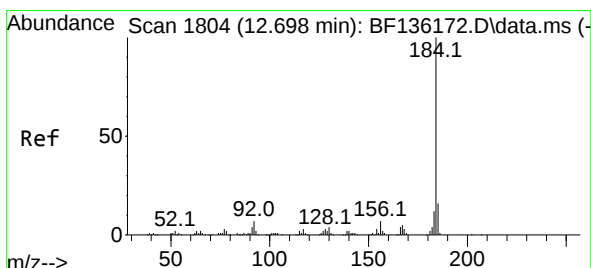
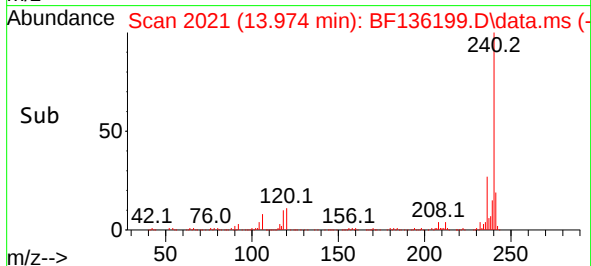
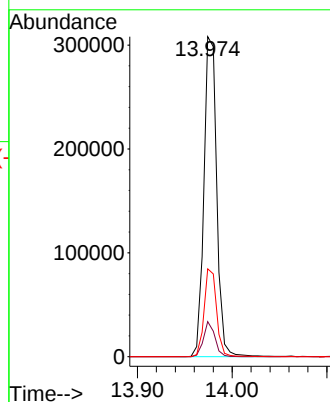
Tgt Ion:240 Resp: 289220

Ion Ratio Lower Upper

240 100

120 10.9 7.1 10.7#

236 27.5 20.9 31.3



#77

Benzidine

Concen: 5.497 ng

RT: 12.933 min Scan# 1844

Delta R.T. 0.253 min

Lab File: BF136199.D

Acq: 25 Nov 2023 02:18

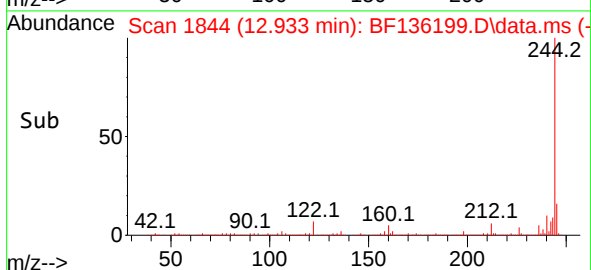
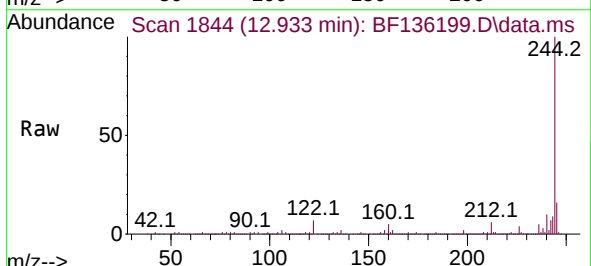
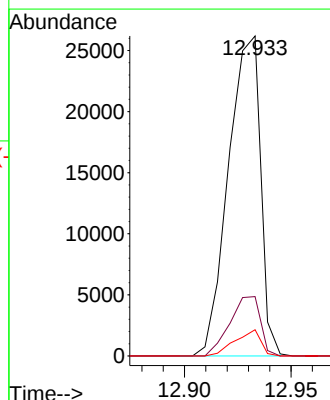
Tgt Ion:184 Resp: 27528

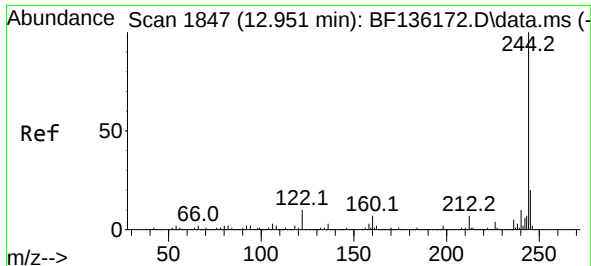
Ion Ratio Lower Upper

184 100

185 18.6 12.6 18.8

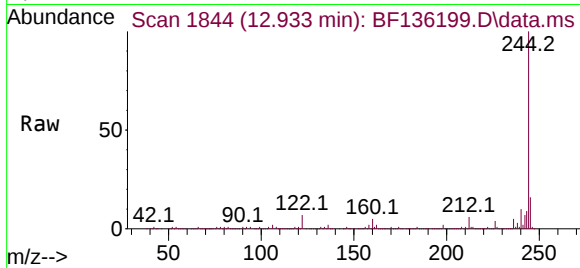
183 8.2 9.2 13.8#



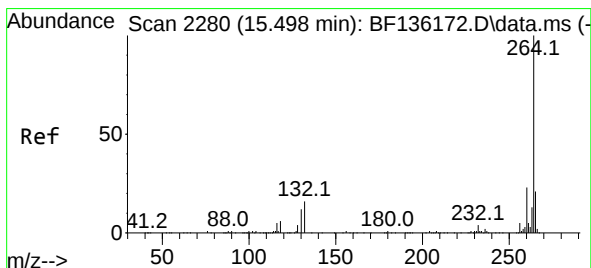
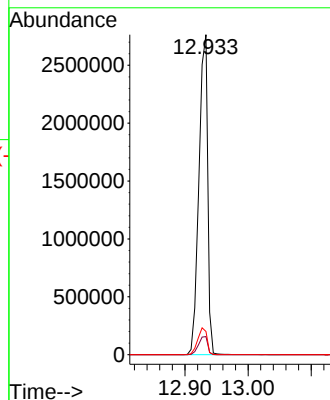
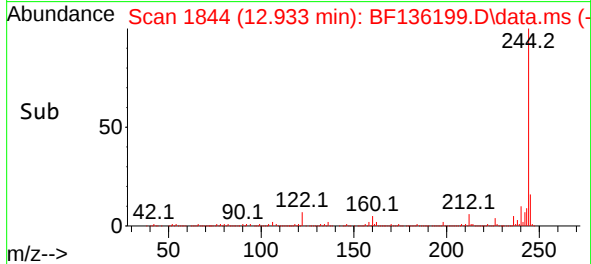


#79
 Terphenyl-d14
 Concen: 130.080 ng
 RT: 12.933 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: BF136199.D
 Acq: 25 Nov 2023 02:18

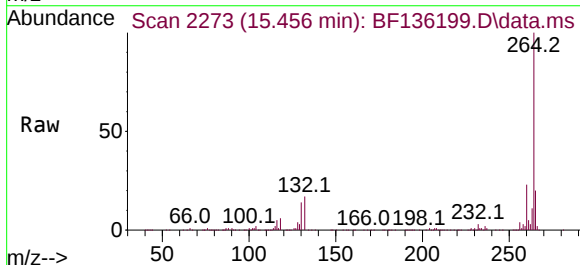
Instrument :
 BNA_F
 ClientSampleId :



Tgt Ion:244 Resp: 2650388
 Ion Ratio Lower Upper
 244 100
 212 5.6 5.4 8.0
 122 7.2 8.1 12.1#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.456 min Scan# 2273
 Delta R.T. -0.012 min
 Lab File: BF136199.D
 Acq: 25 Nov 2023 02:18



Tgt Ion:264 Resp: 273177
 Ion Ratio Lower Upper
 264 100
 260 23.0 18.5 27.7
 265 20.3 16.9 25.3

