

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112423\
 Data File : BF136183.D
 Acq On : 24 Nov 2023 17:05
 Operator : CG\JU
 Sample : 05293-02
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 24 23:07:31 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 23:00:16 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

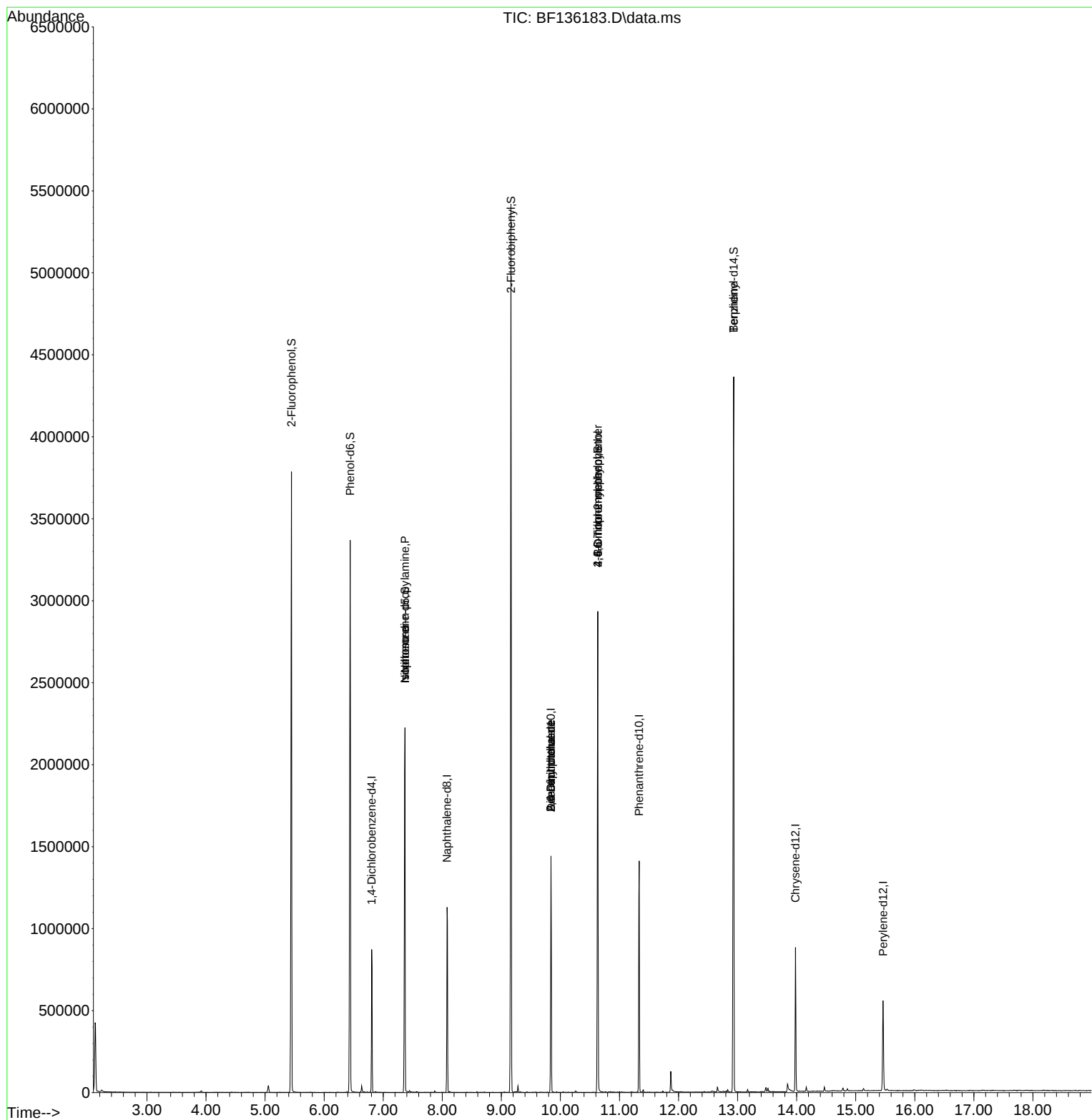
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.804	152	117173	20.000	ng	0.00
21) Naphthalene-d8	8.081	136	510924	20.000	ng	0.00
39) Acenaphthene-d10	9.839	164	257294	20.000	ng	0.00
64) Phenanthrene-d10	11.333	188	492670	20.000	ng	0.00
76) Chrysene-d12	13.980	240	261370	20.000	ng	0.00
86) Perylene-d12	15.463	264	242184	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.446	112	935957	127.185	ng	0.01
7) Phenol-d6	6.440	99	1170984	129.313	ng	0.00
23) Nitrobenzene-d5	7.369	82	709043	77.442	ng	0.00
42) 2,4,6-Tribromophenol	10.633	330	345227	128.111	ng	0.00
45) 2-Fluorobiphenyl	9.163	172	1538885	88.411	ng	0.00
79) Terphenyl-d14	12.933	244	1648748	89.542	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.369	70	95296	18.231	ng	# 76
25) Isophorone	7.369	82	709032	44.874	ng	# 64
50) Dimethylphthalate	9.839	163	52487	3.019	ng	# 1
51) 2,6-Dinitrotoluene	9.839	165	29171	7.733	ng	# 23
57) 2,4-Dinitrotoluene	9.839	165	29171	6.089	ng	# 29
65) 4,6-Dinitro-2-methylph...	10.633	198	664	4.923	ng	# 1
67) 4-Bromophenyl-phenylether	10.633	248	19814	3.611	ng	# 1
77) Benzidine	12.933	184	18986	4.195	ng	# 95

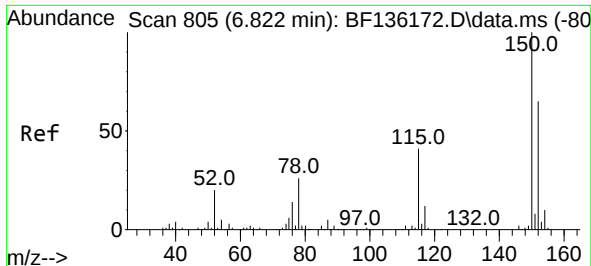
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112423\
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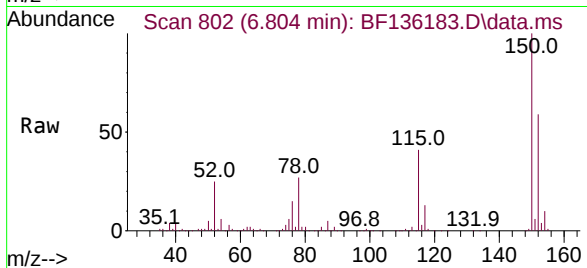
Quant Time: Nov 24 23:07:31 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110723.M
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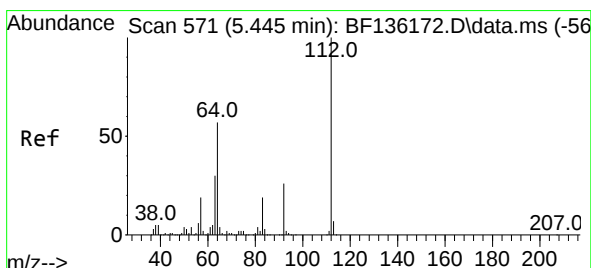
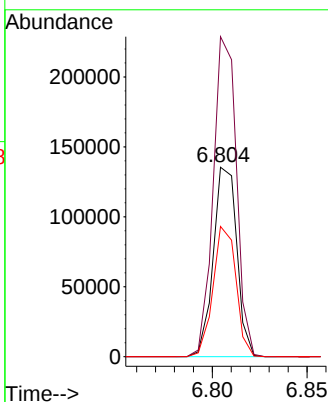
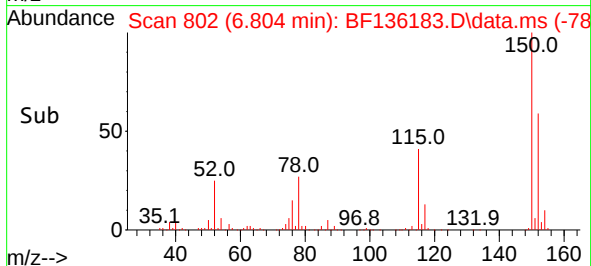


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.804 min Scan# 805
Delta R.T. -0.006 min
Lab File: BF136183.D
Acq: 24 Nov 2023 17:05

Instrument :
BNA_F
ClientSampleId :

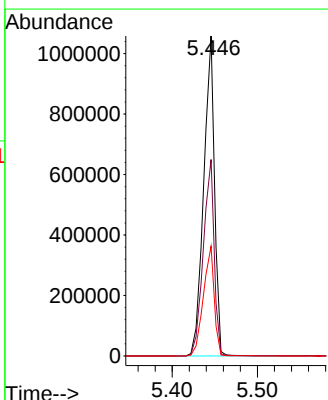
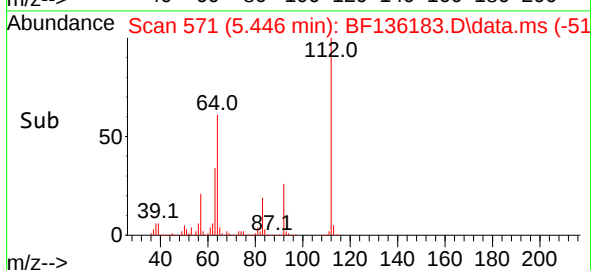
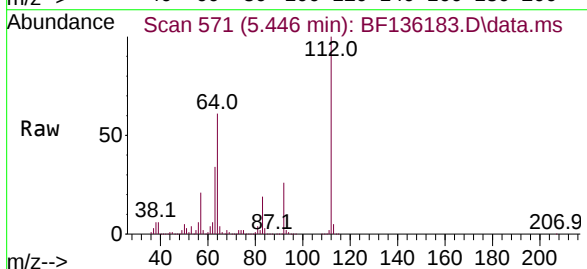


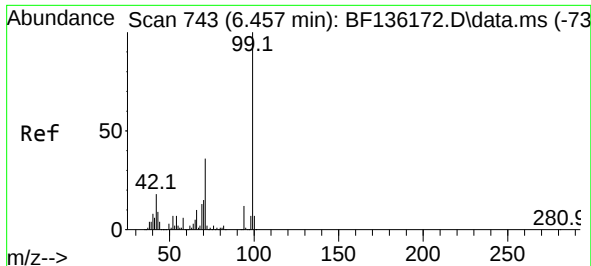
Tgt Ion:152 Resp: 117173
Ion Ratio Lower Upper
152 100
150 169.0 123.1 184.7
115 68.8 50.5 75.7



#5
2-Fluorophenol
Concen: 127.185 ng
RT: 5.446 min Scan# 571
Delta R.T. 0.012 min
Lab File: BF136183.D
Acq: 24 Nov 2023 17:05

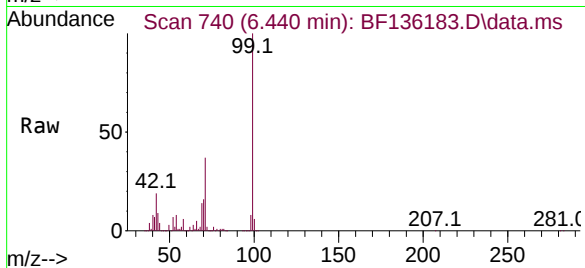
Tgt Ion:112 Resp: 935957
Ion Ratio Lower Upper
112 100
64 61.4 45.4 68.0
63 34.3 24.4 36.6





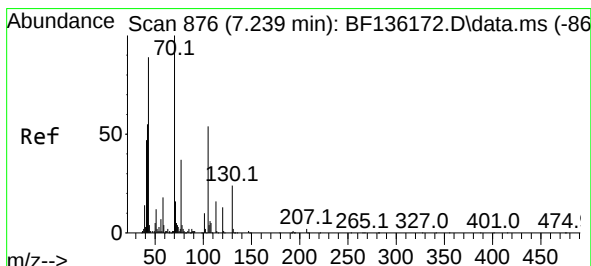
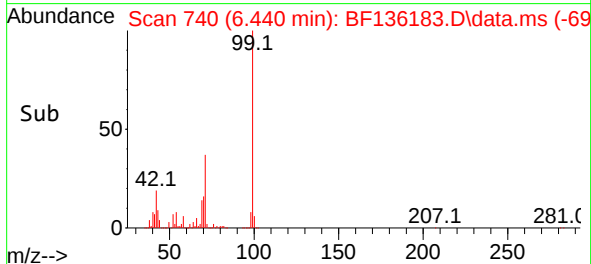
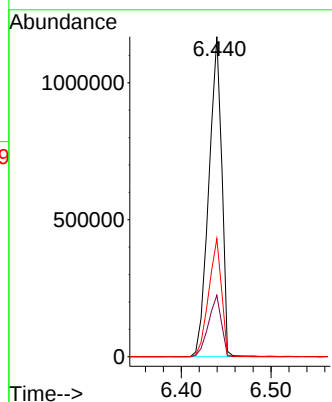
#7
Phenol-d6
Concen: 129.313 ng
RT: 6.440 min Scan# 743
Delta R.T. -0.006 min
Lab File: BF136183.D
Acq: 24 Nov 2023 17:05

Instrument :
BNA_F
ClientSampleId :



Tgt Ion: 99 Resp: 1170984

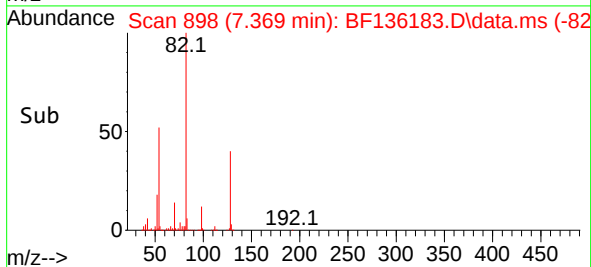
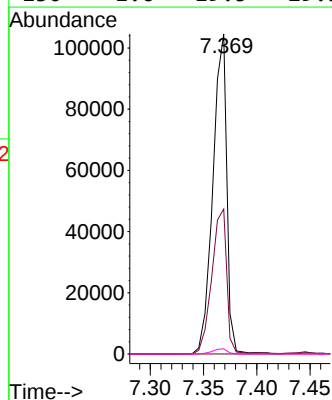
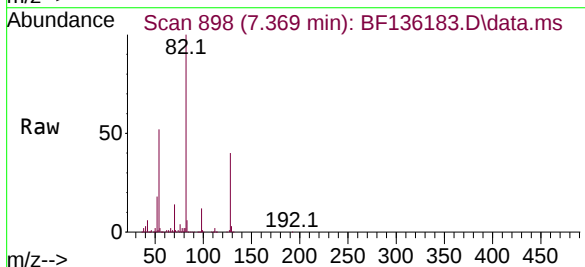
Ion	Ratio	Lower	Upper
99	100		
42	19.2	14.1	21.1
71	36.9	29.0	43.4

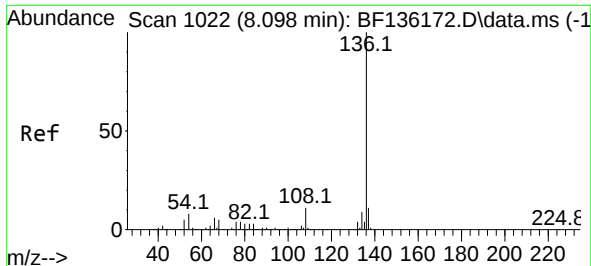


#19
n-Nitroso-di-n-propylamine
Concen: 18.231 ng
RT: 7.369 min Scan# 898
Delta R.T. 0.147 min
Lab File: BF136183.D
Acq: 24 Nov 2023 17:05

Tgt Ion: 70 Resp: 95296

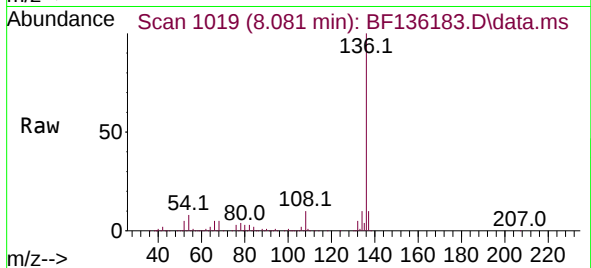
Ion	Ratio	Lower	Upper
70	100		
42	45.3	43.9	65.9
101	0.0	8.1	12.1#
130	1.6	19.5	29.3#



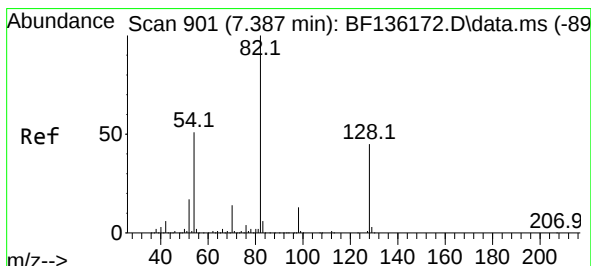
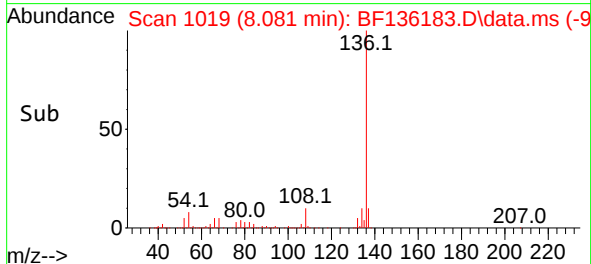
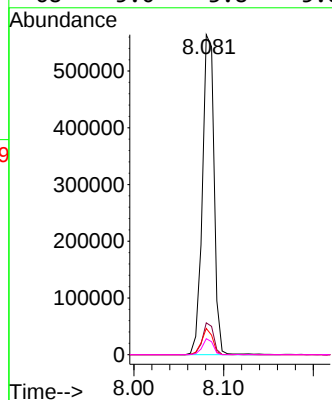


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.081 min Scan# 1019
Delta R.T. -0.006 min
Lab File: BF136183.D
Acq: 24 Nov 2023 17:05

Instrument :
BNA_F
ClientSampleId :

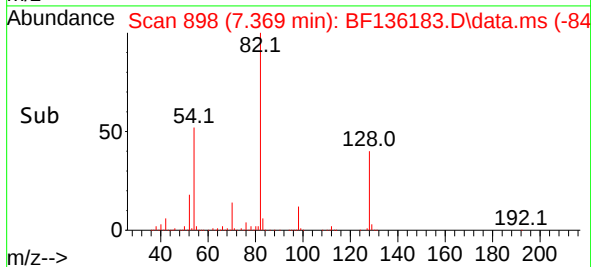
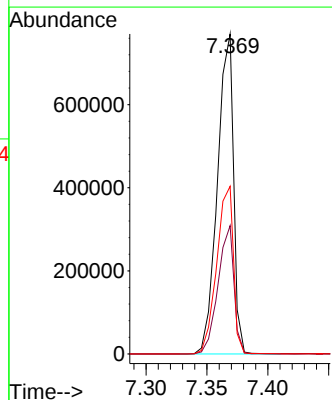
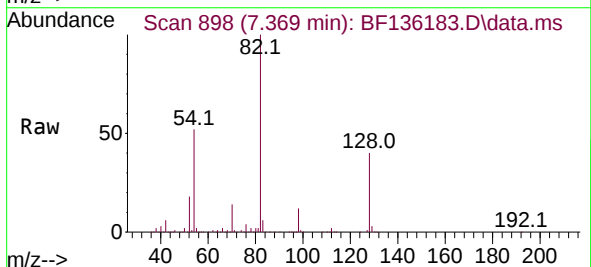


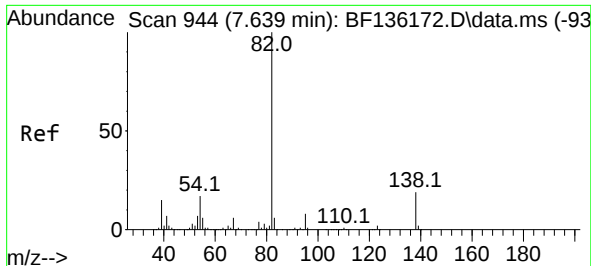
Tgt Ion:136 Resp: 510924
Ion Ratio Lower Upper
136 100
137 10.0 8.6 13.0
54 8.2 6.3 9.5
68 5.0 3.8 5.8



#23
Nitrobenzene-d5
Concen: 77.442 ng
RT: 7.369 min Scan# 898
Delta R.T. -0.006 min
Lab File: BF136183.D
Acq: 24 Nov 2023 17:05

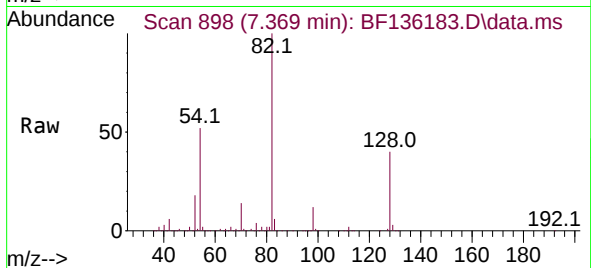
Tgt Ion: 82 Resp: 709043
Ion Ratio Lower Upper
82 100
128 40.1 35.8 53.6
54 52.4 40.6 60.8



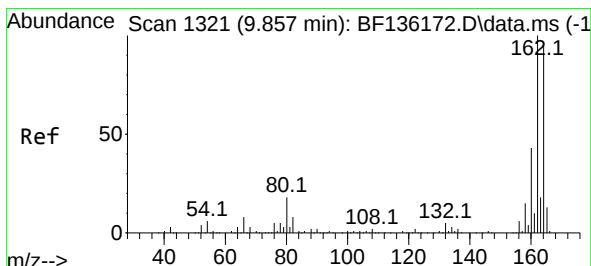
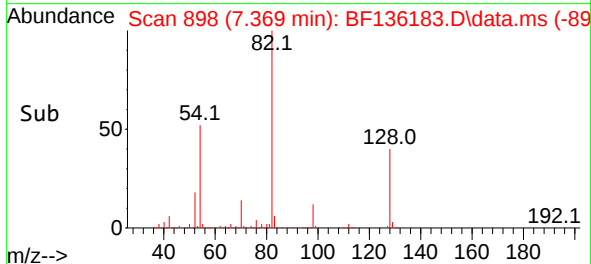
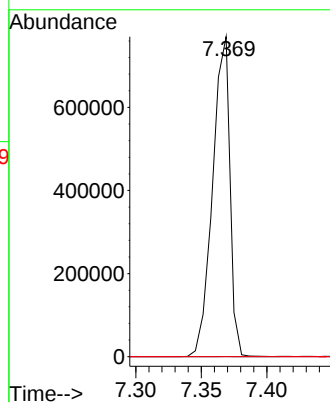


#25
Isophorone
Concen: 44.874 ng
RT: 7.369 min Scan# 89
Delta R.T. -0.259 min
Lab File: BF136183.D
Acq: 24 Nov 2023 17:05

Instrument :
BNA_F
ClientSampleId :

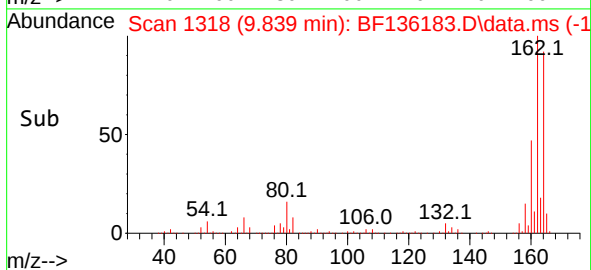
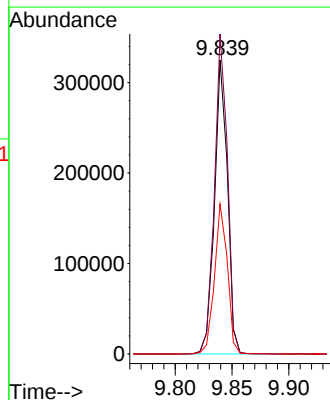
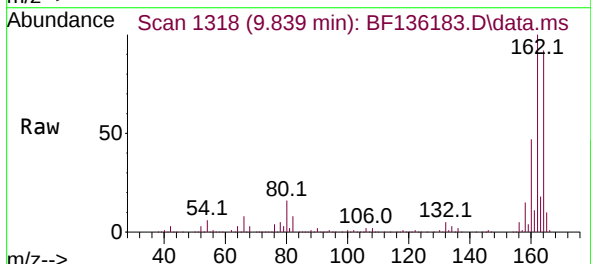


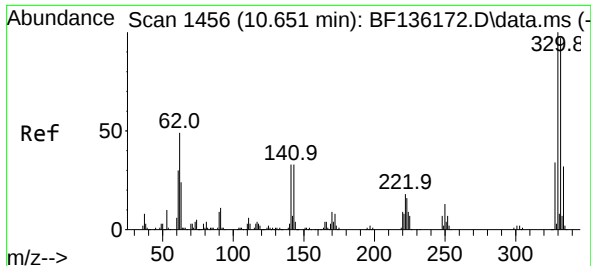
Tgt Ion: 82 Resp: 709032
Ion Ratio Lower Upper
82 100
95 0.0 6.2 9.4#
138 0.0 14.8 22.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.839 min Scan# 1318
Delta R.T. -0.006 min
Lab File: BF136183.D
Acq: 24 Nov 2023 17:05

Tgt Ion: 164 Resp: 257294
Ion Ratio Lower Upper
164 100
162 108.8 83.2 124.8
160 51.0 35.8 53.8





#42

2,4,6-Tribromophenol

Concen: 128.111 ng

RT: 10.633 min Scan# 1456

Delta R.T. -0.006 min

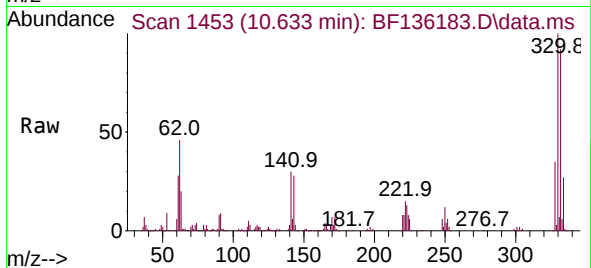
Lab File: BF136183.D

Acq: 24 Nov 2023 17:05

Instrument :

BNA_F

ClientSampleId :



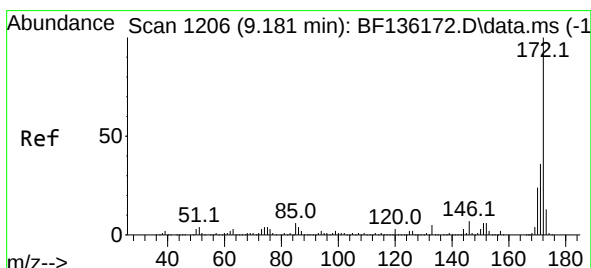
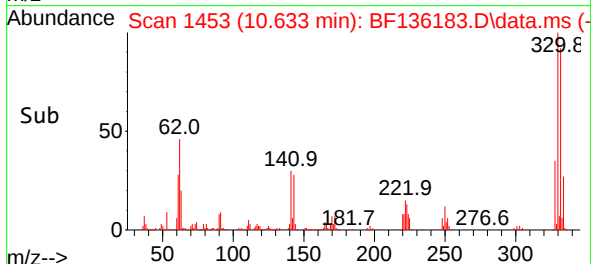
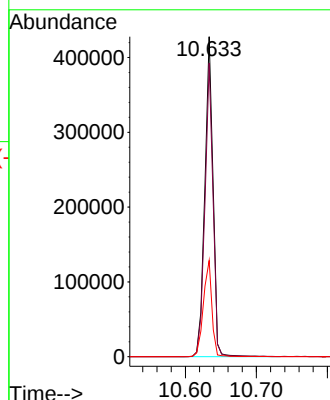
Tgt Ion:330 Resp: 345227

Ion Ratio Lower Upper

330 100

332 90.8 77.6 116.4

141 31.2 25.8 38.6



#45

2-Fluorobiphenyl

Concen: 88.411 ng

RT: 9.163 min Scan# 1203

Delta R.T. -0.006 min

Lab File: BF136183.D

Acq: 24 Nov 2023 17:05

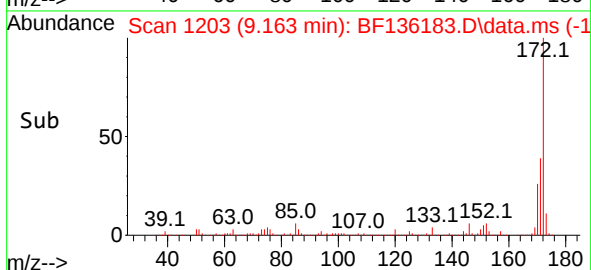
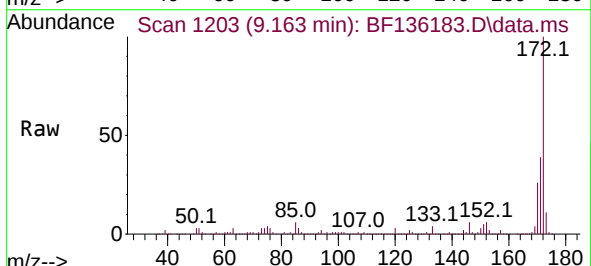
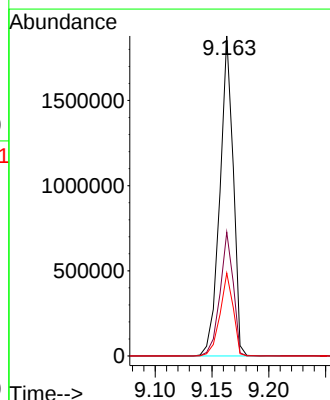
Tgt Ion:172 Resp: 1538885

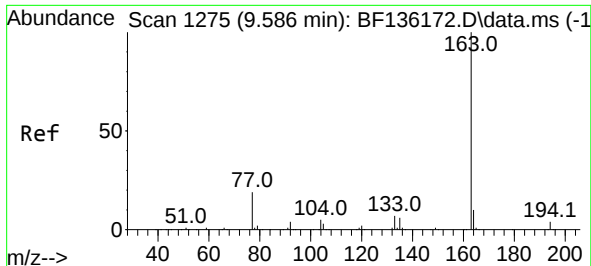
Ion Ratio Lower Upper

172 100

171 38.7 28.9 43.3

170 25.9 19.1 28.7

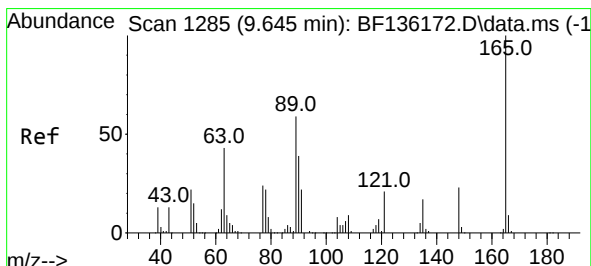
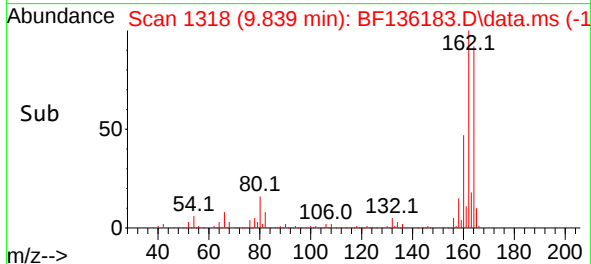
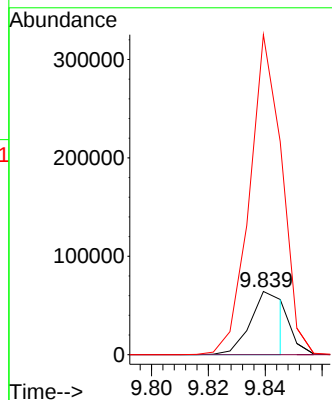
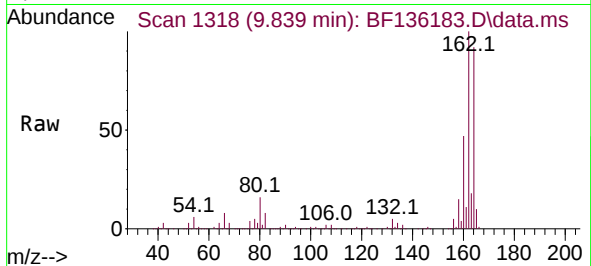




#50
Dimethylphthalate
Concen: 3.019 ng
RT: 9.839 min Scan# 1318
Delta R.T. 0.265 min
Lab File: BF136183.D
Acq: 24 Nov 2023 17:05

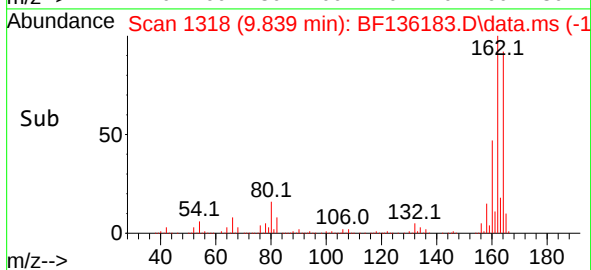
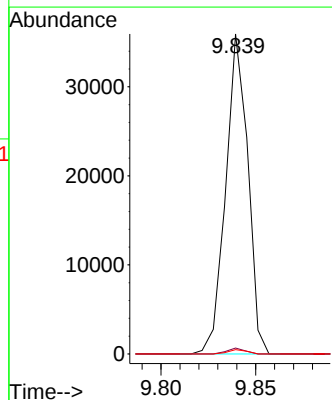
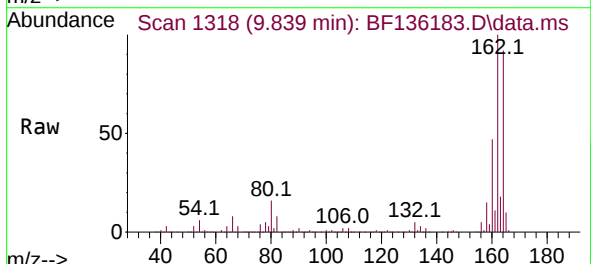
Instrument :
BNA_F
ClientSampleId :

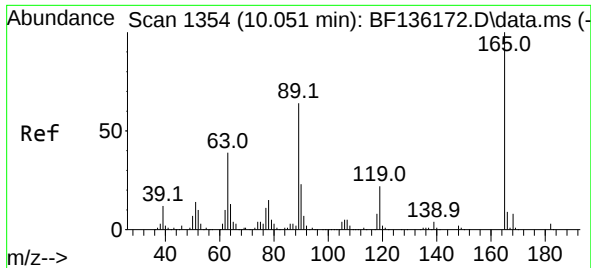
Tgt Ion:163 Resp: 52487
Ion Ratio Lower Upper
163 100
194 0.0 3.0 4.4#
164 506.7 7.8 11.8#



#51
2,6-Dinitrotoluene
Concen: 7.733 ng
RT: 9.839 min Scan# 1318
Delta R.T. 0.206 min
Lab File: BF136183.D
Acq: 24 Nov 2023 17:05

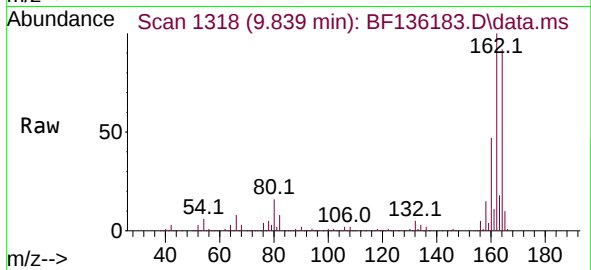
Tgt Ion:165 Resp: 29171
Ion Ratio Lower Upper
165 100
63 1.9 48.0 72.0#
89 1.4 47.2 70.8#



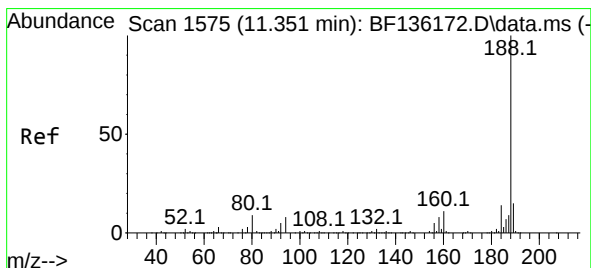
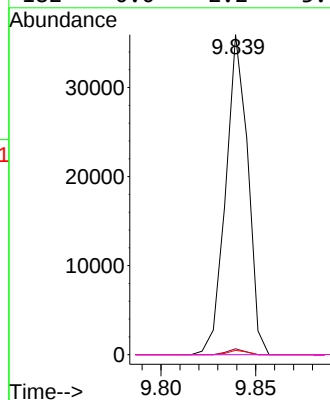
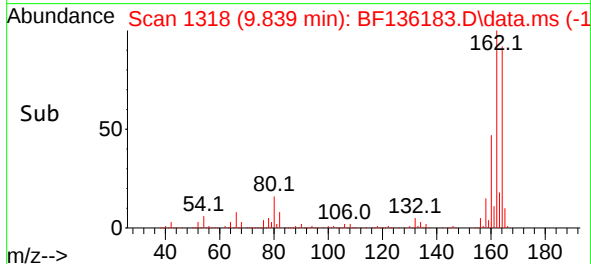


#57
2,4-Dinitrotoluene
Concen: 6.089 ng
RT: 9.839 min Scan# 11
Delta R.T. -0.200 min
Lab File: BF136183.D
Acq: 24 Nov 2023 17:05

Instrument :
BNA_F
ClientSampleId :

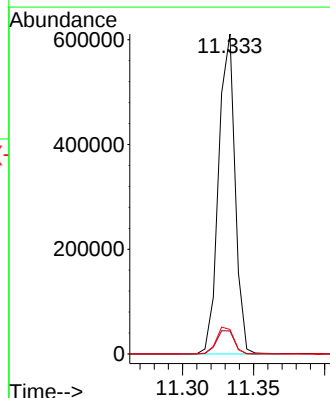
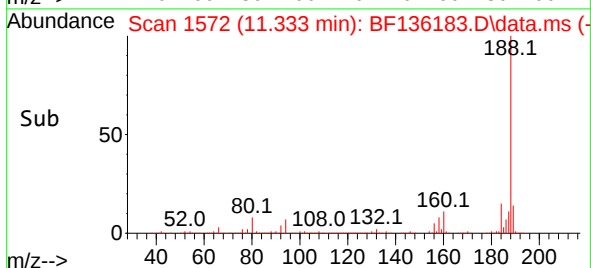
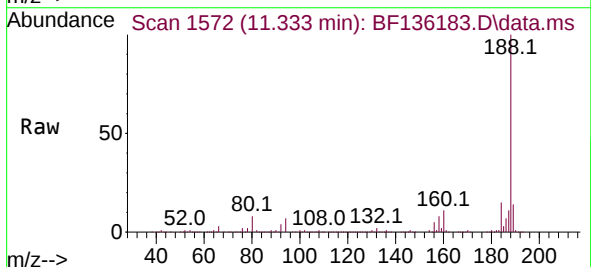


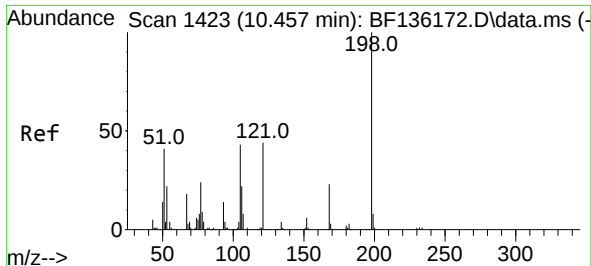
Tgt Ion:165 Resp: 29171
Ion Ratio Lower Upper
165 100
63 1.9 31.4 47.0#
89 1.4 51.6 77.4#
182 0.0 2.2 3.4#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.333 min Scan# 1572
Delta R.T. -0.006 min
Lab File: BF136183.D
Acq: 24 Nov 2023 17:05

Tgt Ion:188 Resp: 492670
Ion Ratio Lower Upper
188 100
94 7.2 6.6 9.8
80 7.6 7.3 10.9





#65

4,6-Dinitro-2-methylphenol

Concen: 4.923 ng

RT: 10.633 min Scan# 1453

Delta R.T. 0.188 min

Lab File: BF136183.D

Acq: 24 Nov 2023 17:05

Instrument :

BNA_F

ClientSampleId :

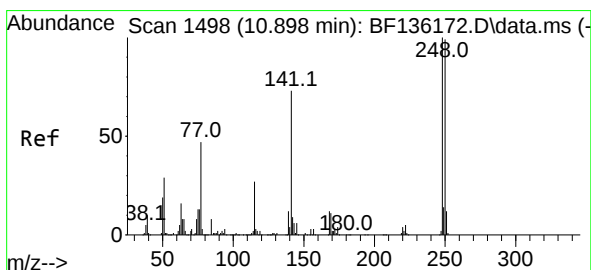
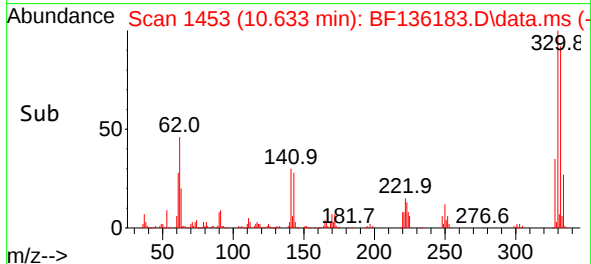
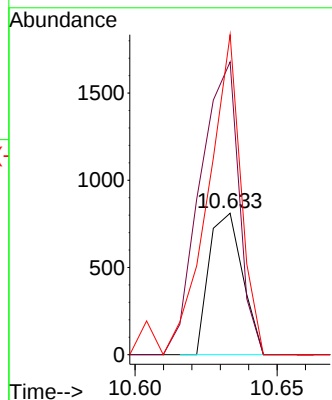
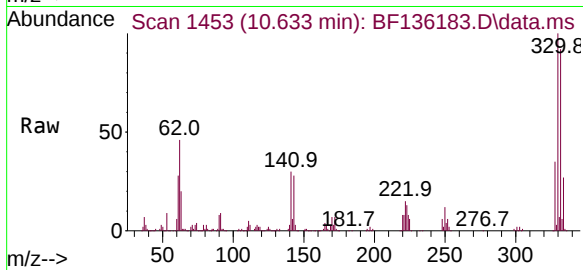
Tgt Ion:198 Resp: 664

Ion Ratio Lower Upper

198 100

51 207.0 27.3 67.3#

105 226.3 24.2 64.2#



#67

4-Bromophenyl-phenylether

Concen: 3.611 ng

RT: 10.633 min Scan# 1453

Delta R.T. -0.253 min

Lab File: BF136183.D

Acq: 24 Nov 2023 17:05

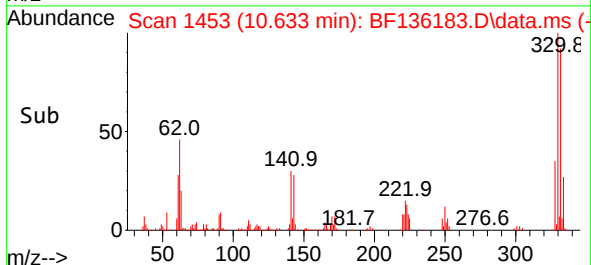
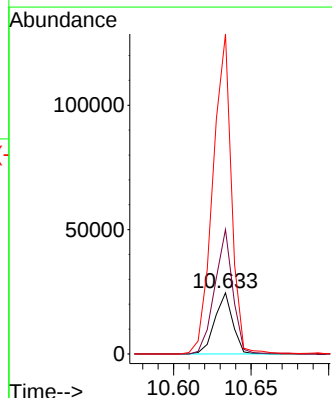
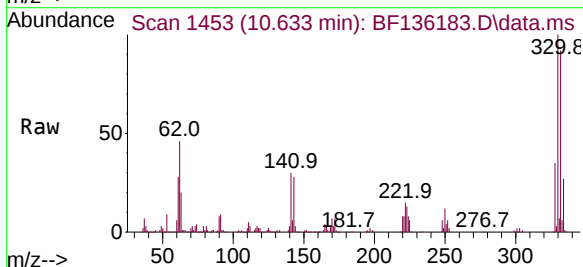
Tgt Ion:248 Resp: 19814

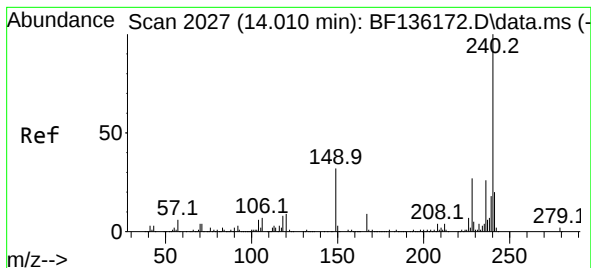
Ion Ratio Lower Upper

248 100

250 203.7 79.0 118.4#

141 523.9 58.8 88.2#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.980 min Scan# 2027

Delta R.T. -0.006 min

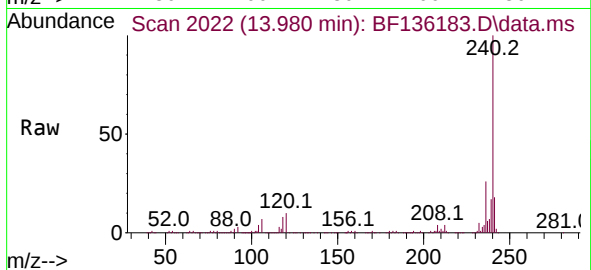
Lab File: BF136183.D

Acq: 24 Nov 2023 17:05

Instrument :

BNA_F

ClientSampleId :



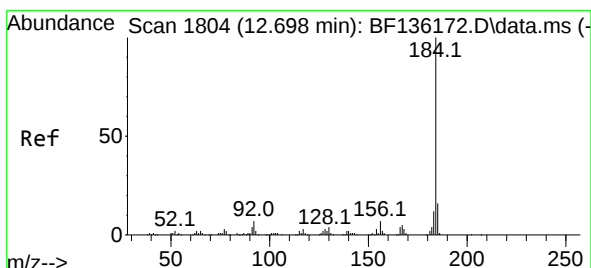
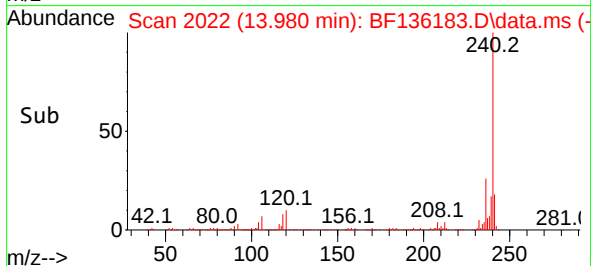
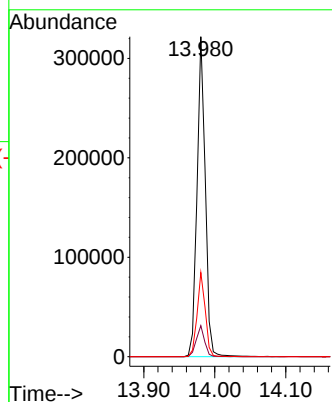
Tgt Ion:240 Resp: 261370

Ion Ratio Lower Upper

240 100

120 9.7 7.1 10.7

236 26.3 20.9 31.3



#77

Benzidine

Concen: 4.195 ng

RT: 12.933 min Scan# 1844

Delta R.T. 0.253 min

Lab File: BF136183.D

Acq: 24 Nov 2023 17:05

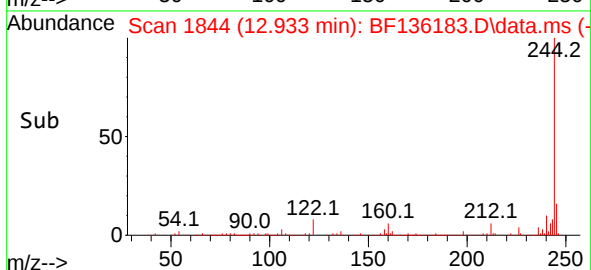
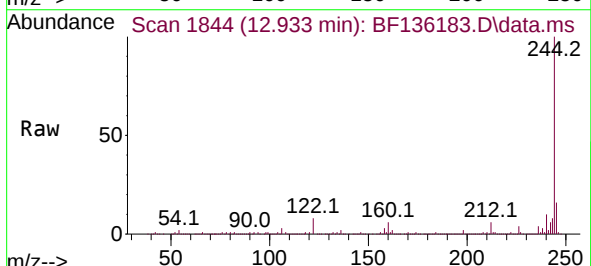
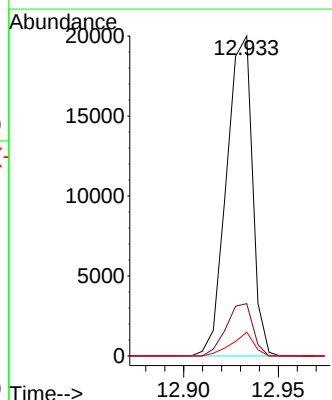
Tgt Ion:184 Resp: 18986

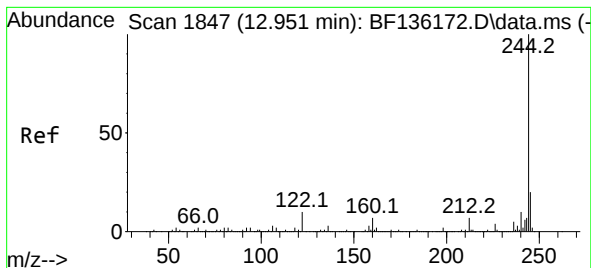
Ion Ratio Lower Upper

184 100

185 16.4 12.6 18.8

183 7.5 9.2 13.8#





#79

Terphenyl-d14

Concen: 89.542 ng

RT: 12.933 min Scan# 1

Delta R.T. -0.000 min

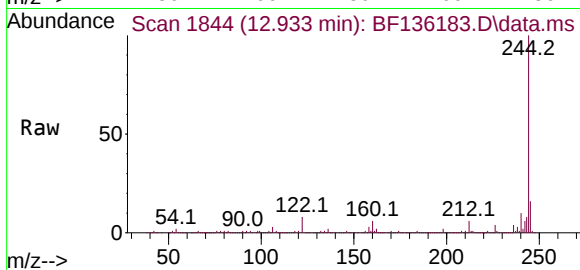
Lab File: BF136183.D

Acq: 24 Nov 2023 17:05

Instrument :

BNA_F

ClientSampleId :



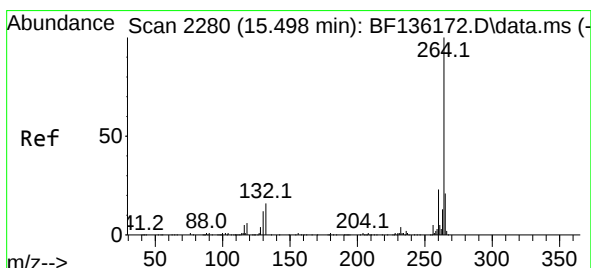
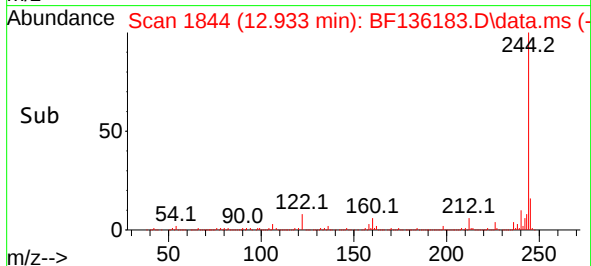
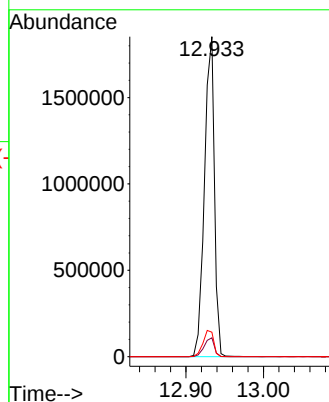
Tgt Ion:244 Resp: 1648748

Ion Ratio Lower Upper

244 100

212 5.9 5.4 8.0

122 7.7 8.1 12.1#



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.463 min Scan# 2274

Delta R.T. -0.006 min

Lab File: BF136183.D

Acq: 24 Nov 2023 17:05

Tgt Ion:264 Resp: 242184

Ion Ratio Lower Upper

264 100

260 24.5 18.5 27.7

265 20.6 16.9 25.3

