

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112423\
 Data File : BF136182.D
 Acq On : 24 Nov 2023 16:33
 Operator : CG\JU
 Sample : 05293-01
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 24 23:07:12 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)

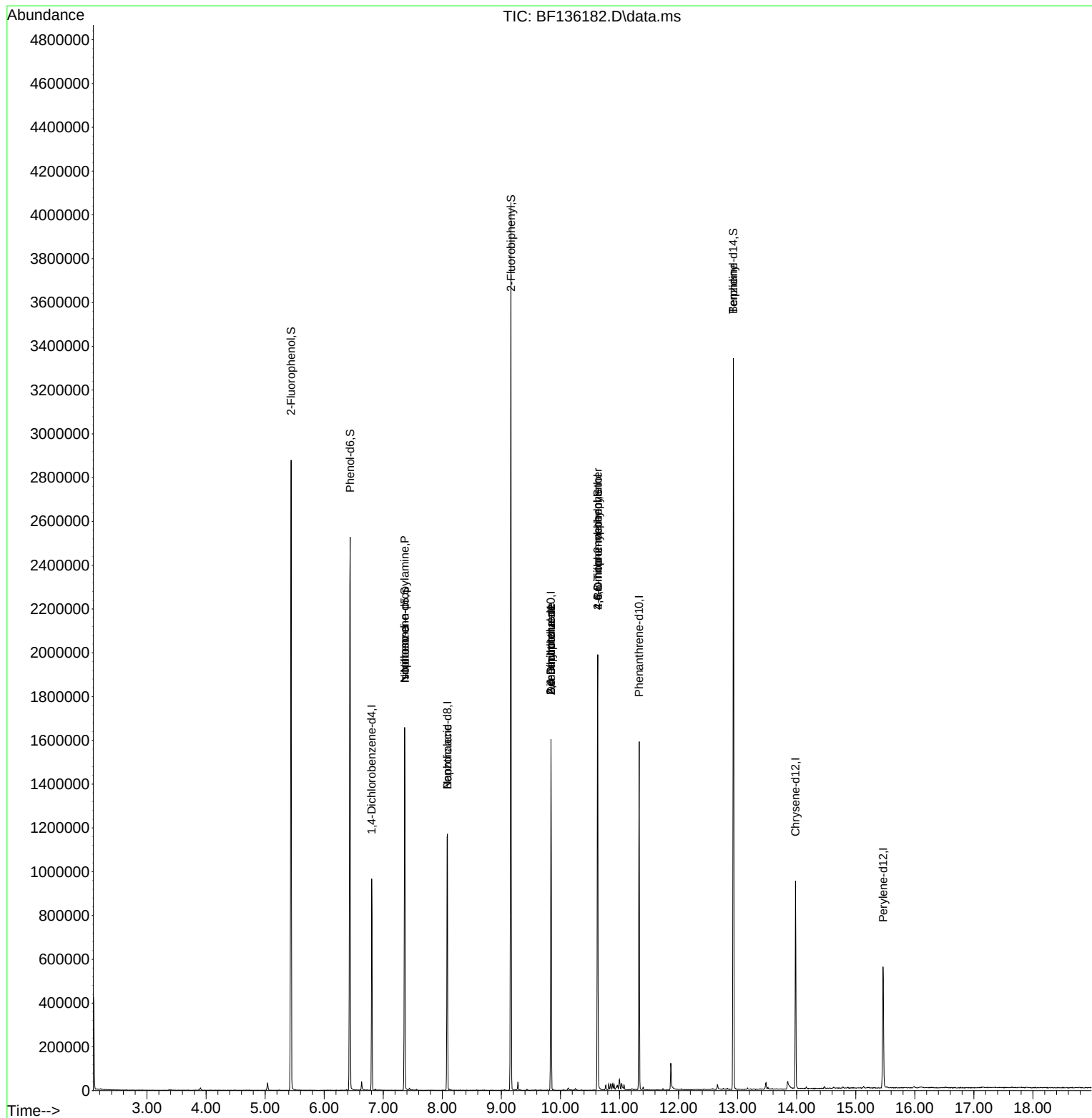
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.804	152	129185	20.000	ng	0.00
21) Naphthalene-d8	8.087	136	549138	20.000	ng	0.00
39) Acenaphthene-d10	9.839	164	275804	20.000	ng	0.00
64) Phenanthrene-d10	11.333	188	531739	20.000	ng	0.00
76) Chrysene-d12	13.980	240	286973	20.000	ng	0.00
86) Perylene-d12	15.463	264	265137	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.440	112	682703	84.145	ng	0.00
7) Phenol-d6	6.440	99	852520	85.391	ng	0.00
23) Nitrobenzene-d5	7.363	82	506241	51.444	ng	-0.01
42) 2,4,6-Tribromophenol	10.633	330	241270	83.525	ng	0.00
45) 2-Fluorobiphenyl	9.163	172	1083055	58.047	ng	0.00
79) Terphenyl-d14	12.927	244	1156070	57.184	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.363	70	67520	11.716	ng	# 83
25) Isophorone	7.363	82	504366	29.699	ng	# 64
32) Benzoic acid	8.087	122	78	5.017	ng	# 1
50) Dimethylphthalate	9.839	163	56545	3.034	ng	# 1
51) 2,6-Dinitrotoluene	9.839	165	32784	8.108	ng	# 23
57) 2,4-Dinitrotoluene	9.839	165	32784	6.384	ng	# 28
65) 4,6-Dinitro-2-methylph...	10.633	198	461	4.848	ng	# 1
67) 4-Bromophenyl-phenylether	10.633	248	14267	2.409	ng	# 1
77) Benzidine	12.927	184	13372	2.691	ng	# 92

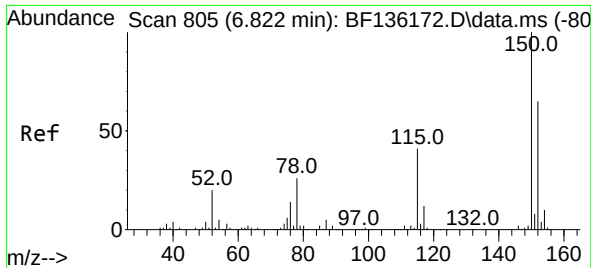
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112423\
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BNA_F
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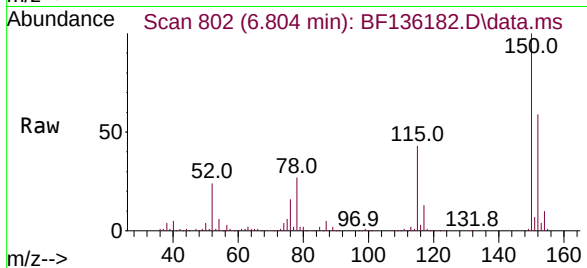
Quant Time: Nov 24 23:07:12 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110723.M
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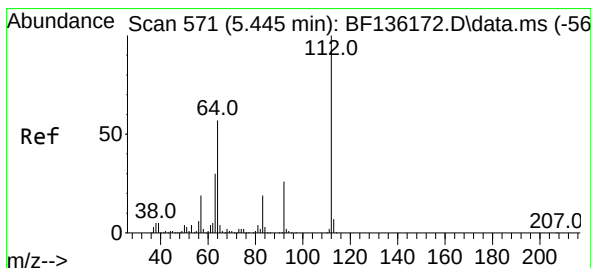
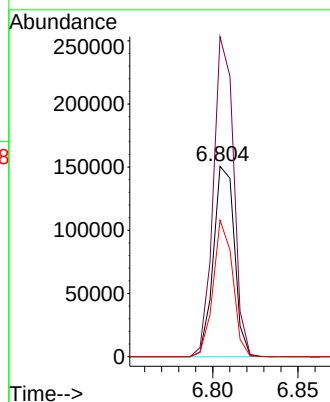
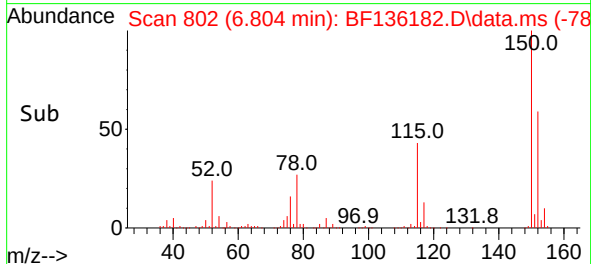


#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.804 min Scan# 80
 Delta R.T. -0.006 min
 Lab File: BF136182.D
 Acq: 24 Nov 2023 16:33

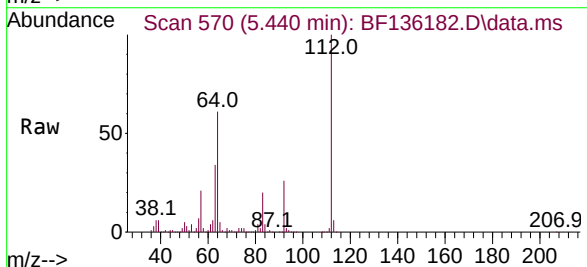
Instrument :
 BNA_F
 ClientSampleId :



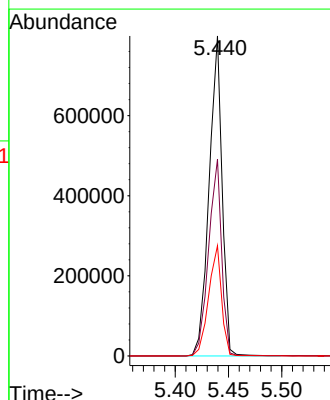
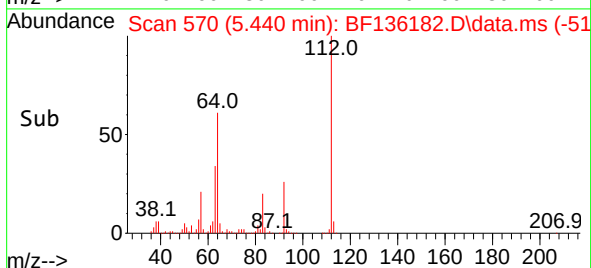
Tgt Ion:152 Resp: 129185
 Ion Ratio Lower Upper
 152 100
 150 168.1 123.1 184.7
 115 71.7 50.5 75.7

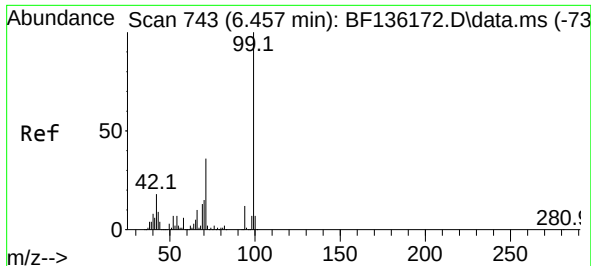


#5
 2-Fluorophenol
 Concen: 84.145 ng
 RT: 5.440 min Scan# 570
 Delta R.T. 0.006 min
 Lab File: BF136182.D
 Acq: 24 Nov 2023 16:33



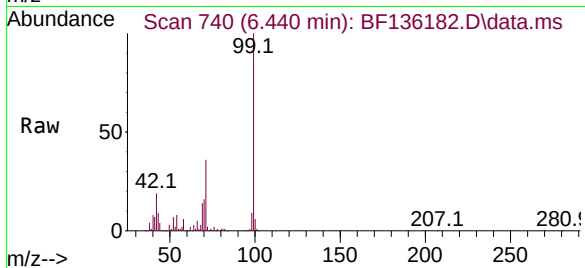
Tgt Ion:112 Resp: 682703
 Ion Ratio Lower Upper
 112 100
 64 61.5 45.4 68.0
 63 34.5 24.4 36.6



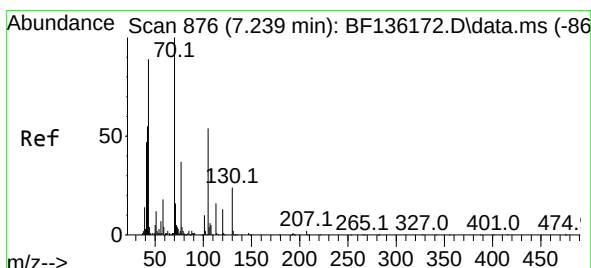
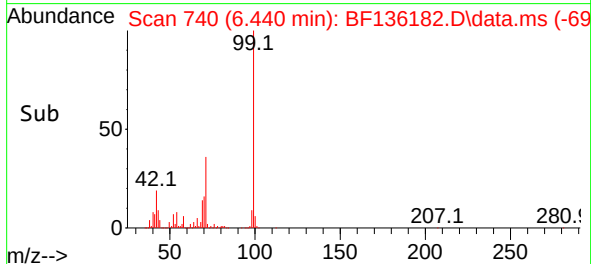
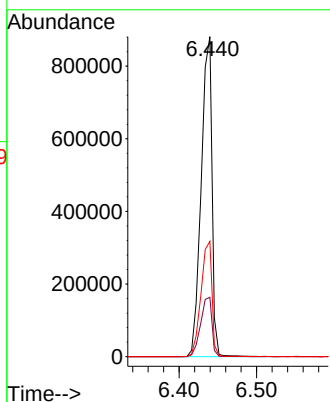


#7
Phenol-d6
Concen: 85.391 ng
RT: 6.440 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF136182.D
Acq: 24 Nov 2023 16:33

Instrument :
BNA_F
ClientSampleId :

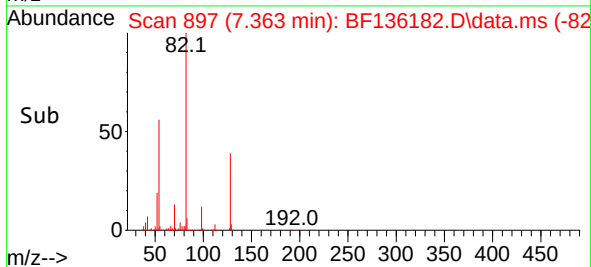
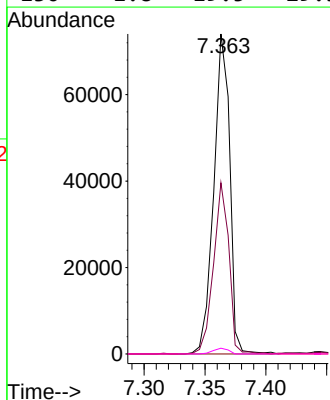
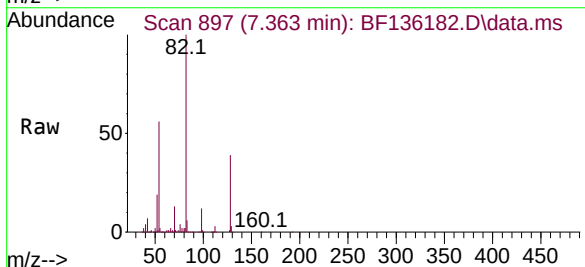


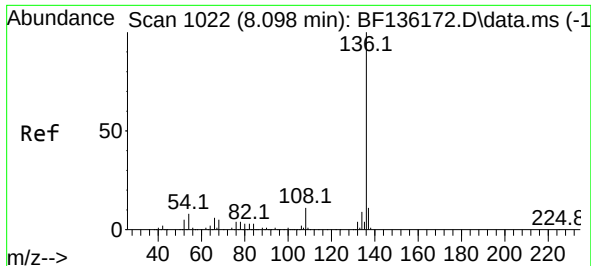
Tgt Ion: 99 Resp: 852520
Ion Ratio Lower Upper
99 100
42 18.6 14.1 21.1
71 36.0 29.0 43.4



#19
n-Nitroso-di-n-propylamine
Concen: 11.716 ng
RT: 7.363 min Scan# 897
Delta R.T. 0.141 min
Lab File: BF136182.D
Acq: 24 Nov 2023 16:33

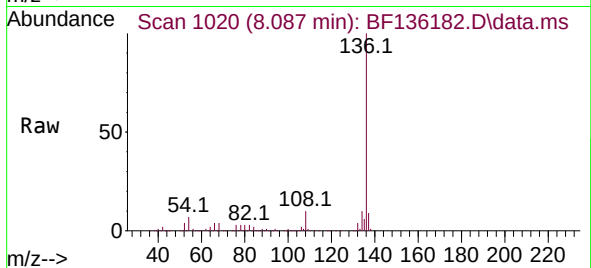
Tgt Ion: 70 Resp: 67520
Ion Ratio Lower Upper
70 100
42 53.5 43.9 65.9
101 0.0 8.1 12.1#
130 1.8 19.5 29.3#



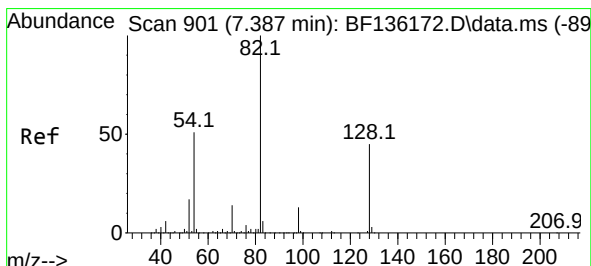
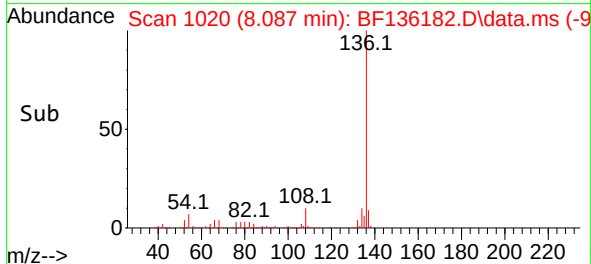
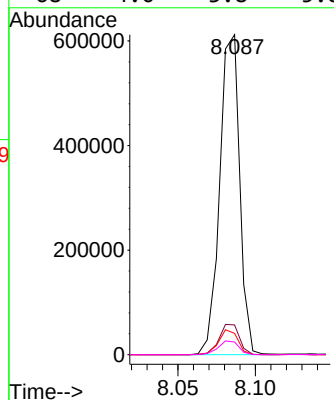


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.087 min Scan# 1020
Delta R.T. -0.000 min
Lab File: BF136182.D
Acq: 24 Nov 2023 16:33

Instrument :
BNA_F
ClientSampleId :

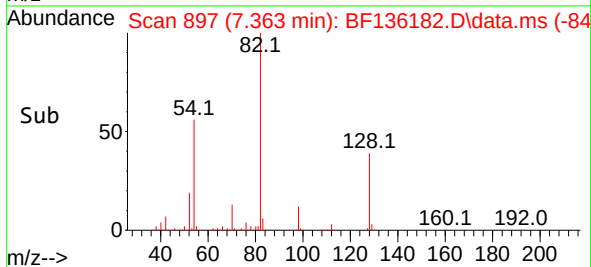
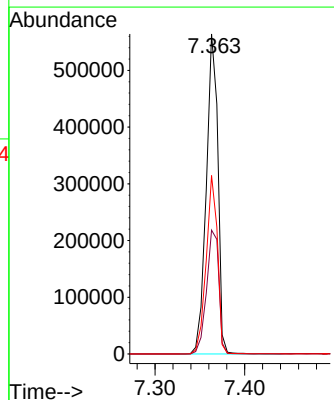
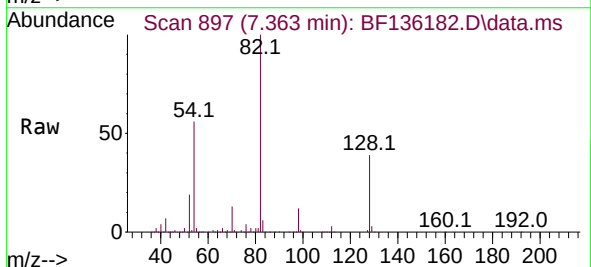


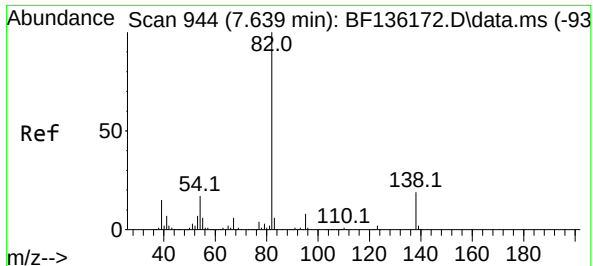
Tgt Ion:136	Resp:	549138	
Ion	Ratio	Lower	Upper
136	100		
137	9.3	8.6	13.0
54	6.6	6.3	9.5
68	4.0	3.8	5.8



#23
Nitrobenzene-d5
Concen: 51.444 ng
RT: 7.363 min Scan# 897
Delta R.T. -0.012 min
Lab File: BF136182.D
Acq: 24 Nov 2023 16:33

Tgt Ion: 82	Resp: 506241
Ion Ratio	Lower Upper
82 100	
128 38.7	35.8 53.6
54 55.8	40.6 60.8

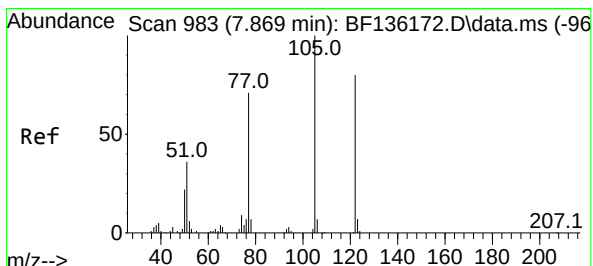
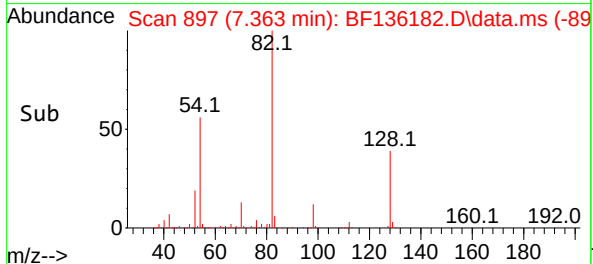
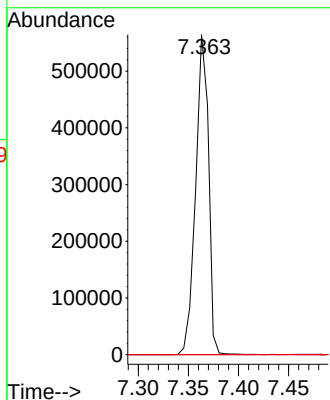
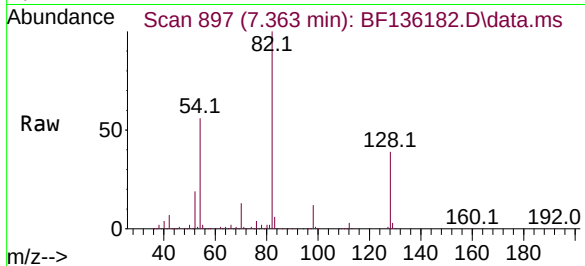




#25
Isophorone
Concen: 29.699 ng
RT: 7.363 min Scan# 897
Delta R.T. -0.265 min
Lab File: BF136182.D
Acq: 24 Nov 2023 16:33

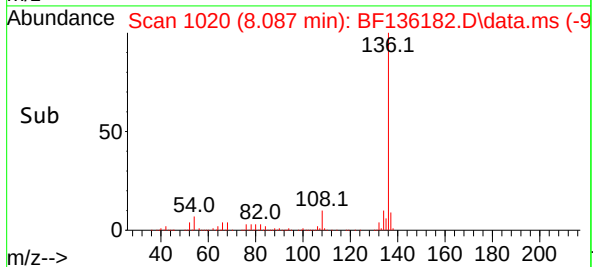
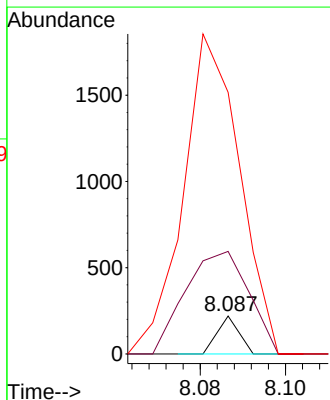
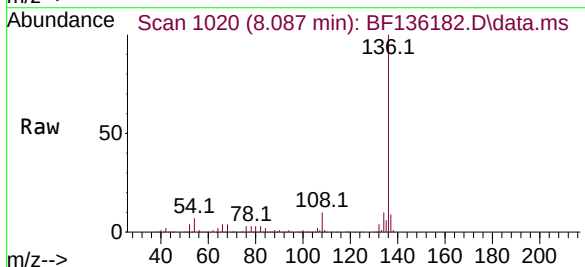
Instrument :
BNA_F
ClientSampleId :

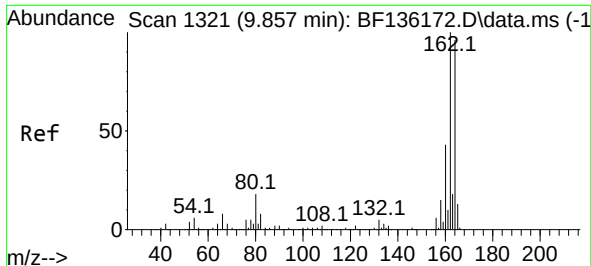
Tgt Ion: 82 Resp: 504366
Ion Ratio Lower Upper
82 100
95 0.0 6.2 9.4#
138 0.0 14.8 22.2#



#32
Benzoic acid
Concen: 5.017 ng
RT: 8.087 min Scan# 1020
Delta R.T. 0.229 min
Lab File: BF136182.D
Acq: 24 Nov 2023 16:33

Tgt Ion: 122 Resp: 78
Ion Ratio Lower Upper
122 100
105 270.0 102.5 142.5#
77 689.1 68.1 108.1#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.839 min Scan# 11

Delta R.T. -0.006 min

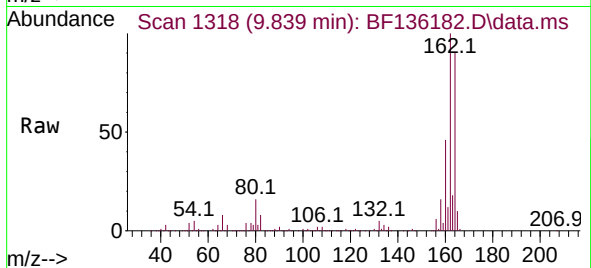
Lab File: BF136182.D

Acq: 24 Nov 2023 16:33

Instrument :

BNA_F

ClientSampleId :



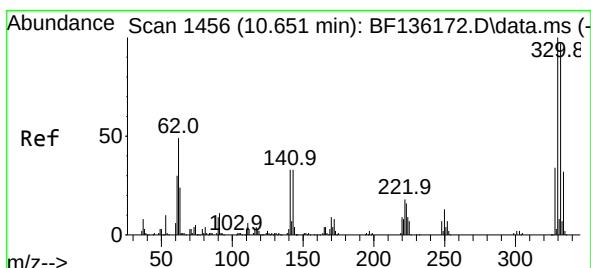
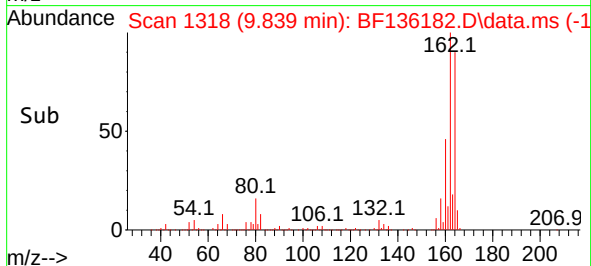
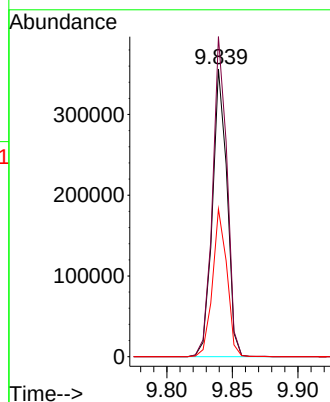
Tgt Ion:164 Resp: 275804

Ion Ratio Lower Upper

164 100

162 111.2 83.2 124.8

160 51.3 35.8 53.8



#42

2,4,6-Tribromophenol

Concen: 83.525 ng

RT: 10.633 min Scan# 1453

Delta R.T. -0.006 min

Lab File: BF136182.D

Acq: 24 Nov 2023 16:33

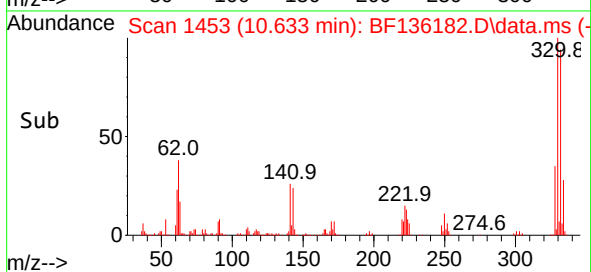
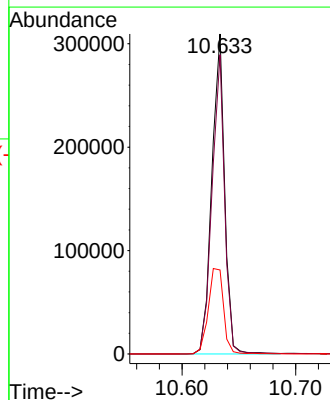
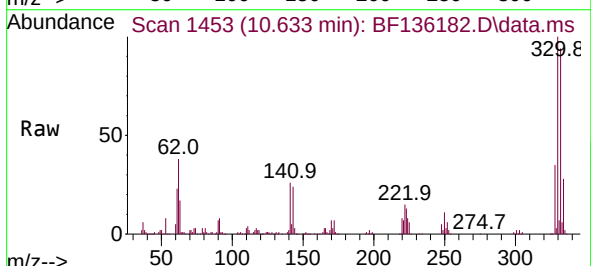
Tgt Ion:330 Resp: 241270

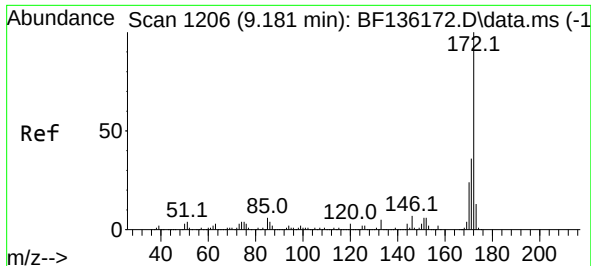
Ion Ratio Lower Upper

330 100

332 92.7 77.6 116.4

141 32.0 25.8 38.6





#45

2-Fluorobiphenyl

Concen: 58.047 ng

RT: 9.163 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF136182.D

Acq: 24 Nov 2023 16:33

Instrument :

BNA_F

ClientSampleId :

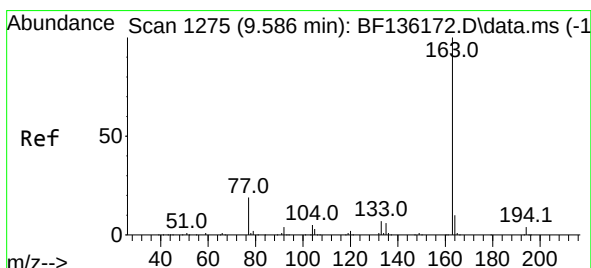
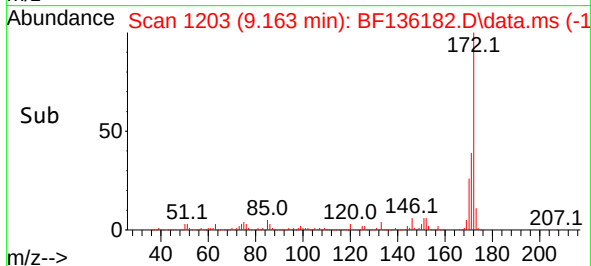
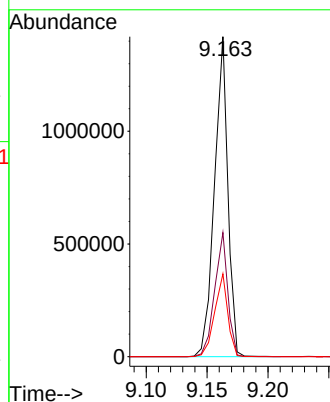
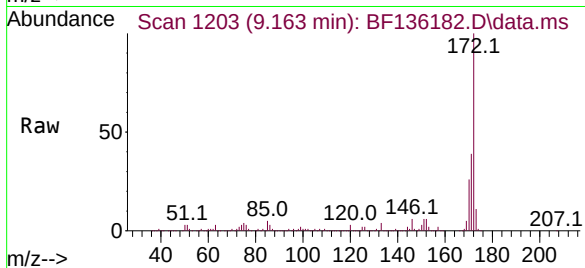
Tgt Ion:172 Resp: 1083055

Ion Ratio Lower Upper

172 100

171 38.8 28.9 43.3

170 25.9 19.1 28.7



#50

Dimethylphthalate

Concen: 3.034 ng

RT: 9.839 min Scan# 1318

Delta R.T. 0.264 min

Lab File: BF136182.D

Acq: 24 Nov 2023 16:33

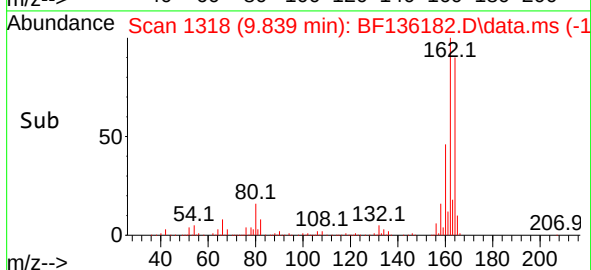
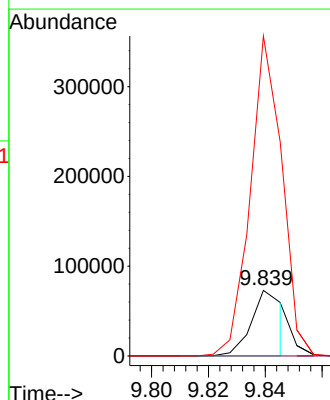
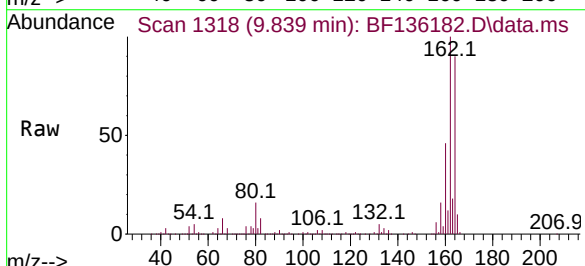
Tgt Ion:163 Resp: 56545

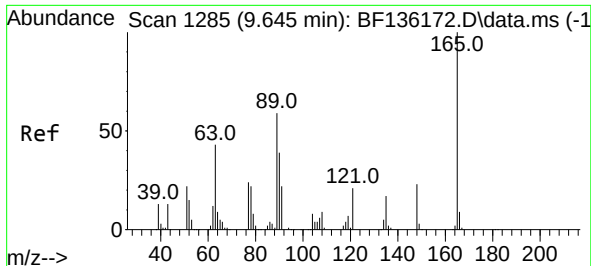
Ion Ratio Lower Upper

163 100

194 0.0 3.0 4.4#

164 487.3 7.8 11.8#

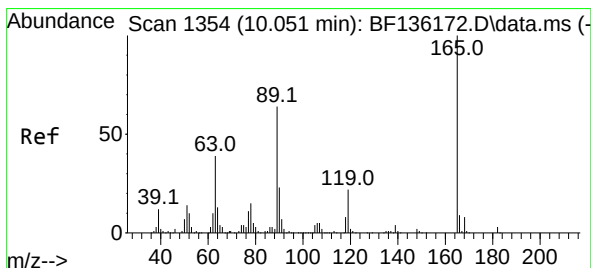
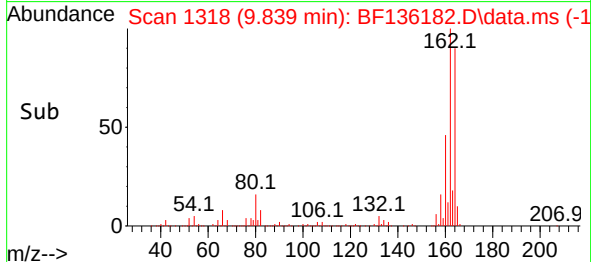
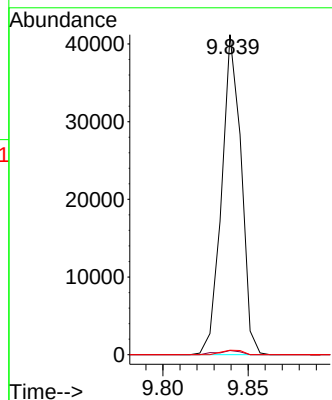
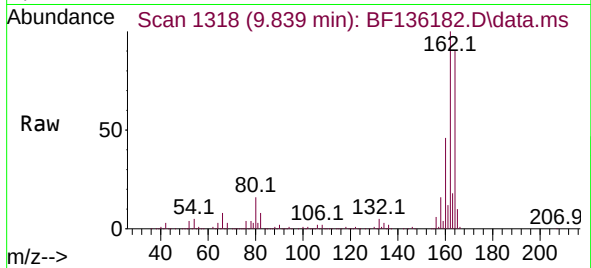




#51
2,6-Dinitrotoluene
Concen: 8.108 ng
RT: 9.839 min Scan# 1318
Delta R.T. 0.206 min
Lab File: BF136182.D
Acq: 24 Nov 2023 16:33

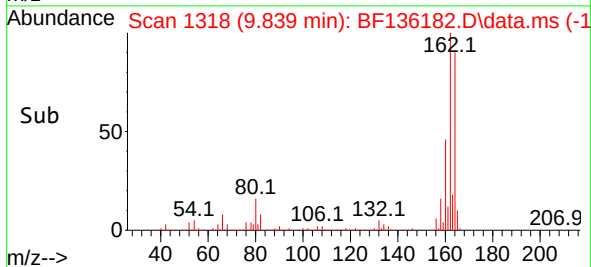
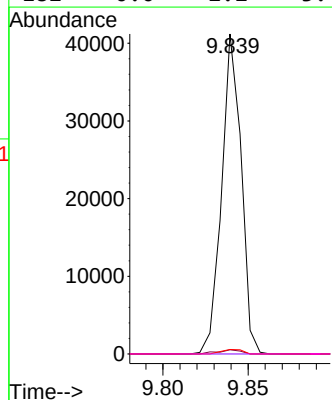
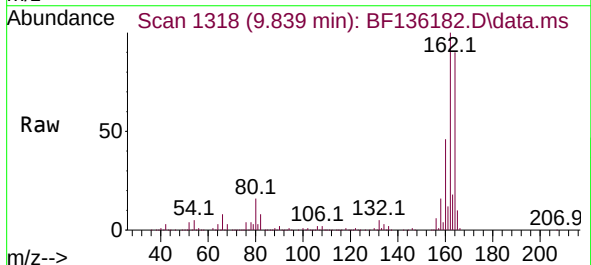
Instrument :
BNA_F
ClientSampleId :

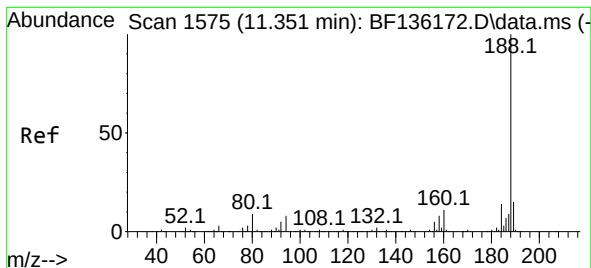
Tgt Ion:165 Resp: 32784
Ion Ratio Lower Upper
165 100
63 1.3 48.0 72.0#
89 1.4 47.2 70.8#



#57
2,4-Dinitrotoluene
Concen: 6.384 ng
RT: 9.839 min Scan# 1318
Delta R.T. -0.200 min
Lab File: BF136182.D
Acq: 24 Nov 2023 16:33

Tgt Ion:165 Resp: 32784
Ion Ratio Lower Upper
165 100
63 1.3 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# 1

Delta R.T. -0.006 min

Lab File: BF136182.D

Acq: 24 Nov 2023 16:33

Instrument :

BNA_F

ClientSampleId :

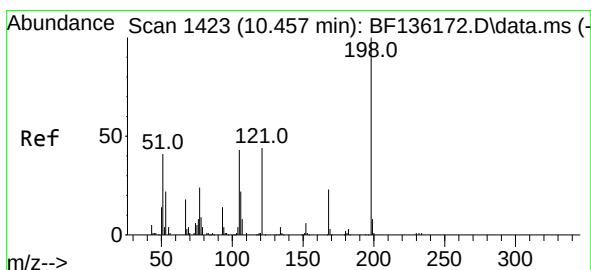
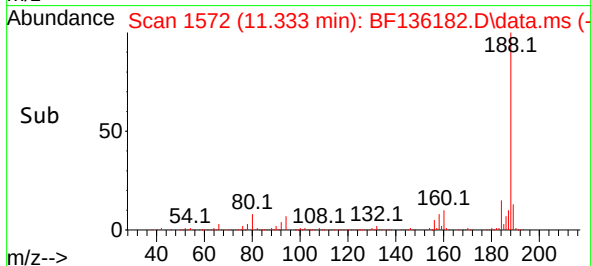
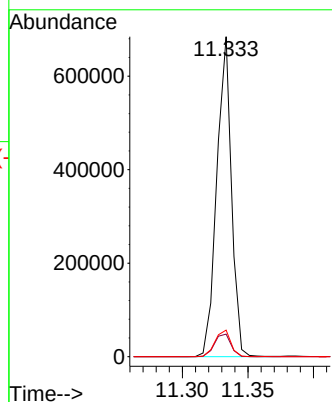
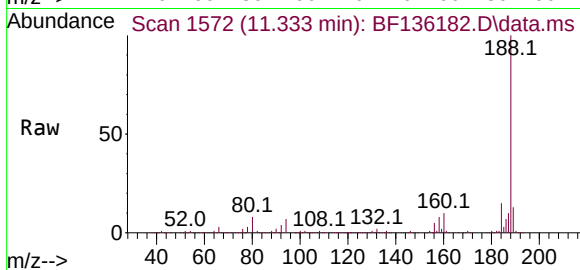
Tgt Ion:188 Resp: 531739

Ion Ratio Lower Upper

188 100

94 7.1 6.6 9.8

80 8.3 7.3 10.9



#65

4,6-Dinitro-2-methylphenol

Concen: 4.848 ng

RT: 10.633 min Scan# 1453

Delta R.T. 0.188 min

Lab File: BF136182.D

Acq: 24 Nov 2023 16:33

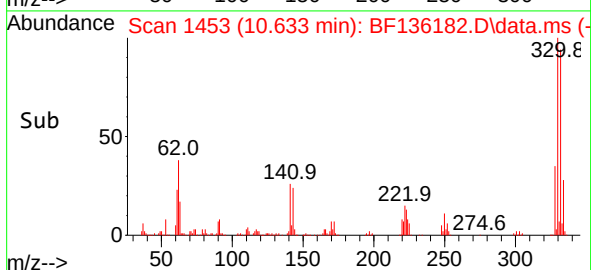
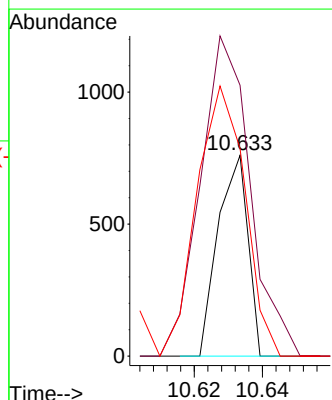
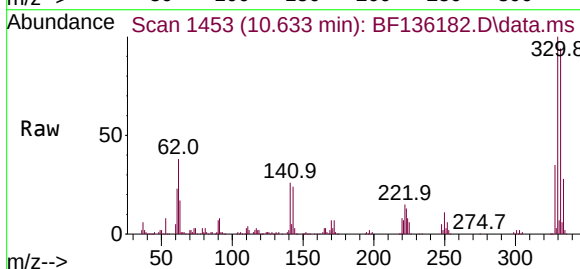
Tgt Ion:198 Resp: 461

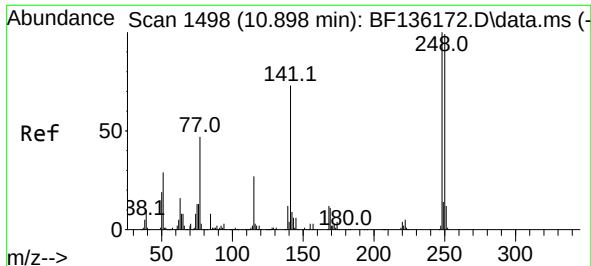
Ion Ratio Lower Upper

198 100

51 134.8 27.3 67.3#

105 103.4 24.2 64.2#

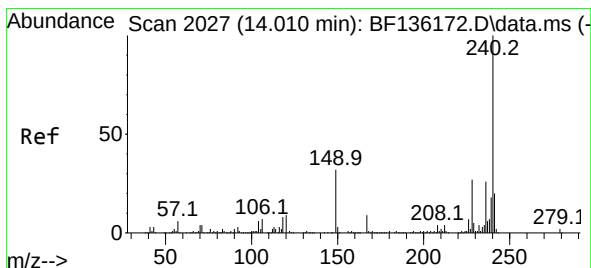
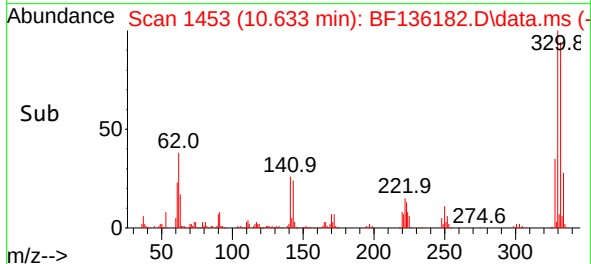
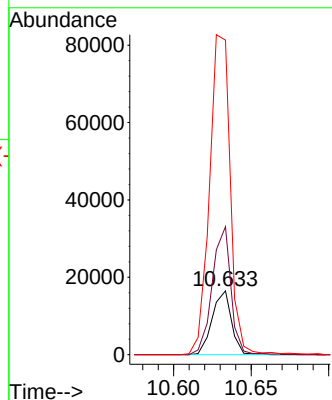
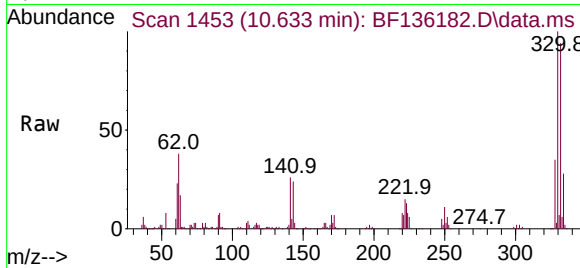




#67
4-Bromophenyl-phenylether
Concen: 2.409 ng
RT: 10.633 min Scan# 1498
Delta R.T. -0.253 min
Lab File: BF136182.D
Acq: 24 Nov 2023 16:33

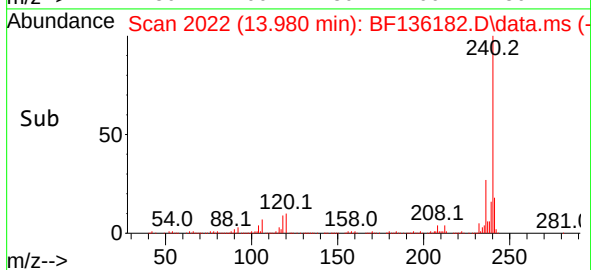
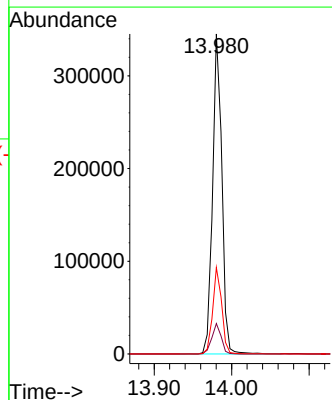
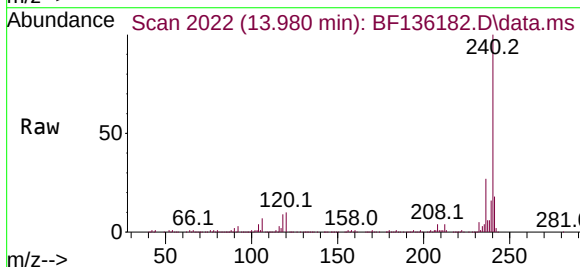
Instrument :
BNA_F
ClientSampleId :

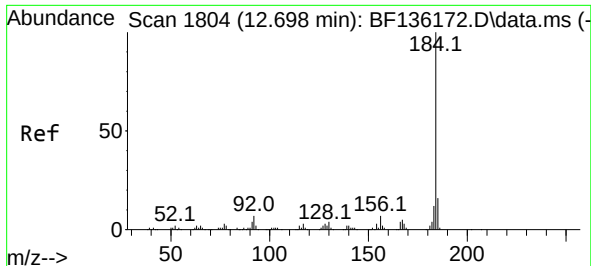
Tgt Ion:248 Resp: 14267
Ion Ratio Lower Upper
248 100
250 200.6 79.0 118.4#
141 493.1 58.8 88.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.980 min Scan# 2022
Delta R.T. -0.006 min
Lab File: BF136182.D
Acq: 24 Nov 2023 16:33

Tgt Ion:240 Resp: 286973
Ion Ratio Lower Upper
240 100
120 9.5 7.1 10.7
236 27.0 20.9 31.3

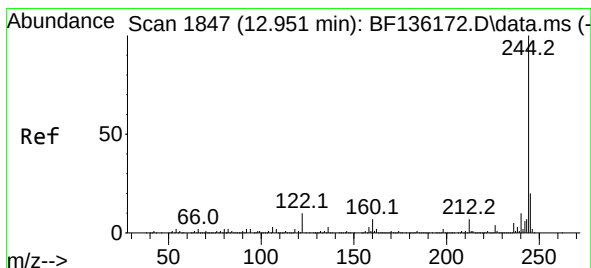
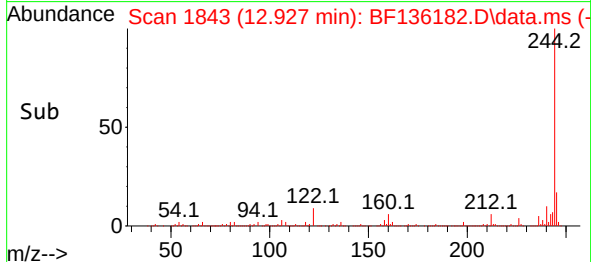
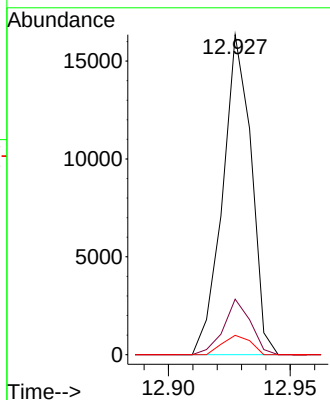
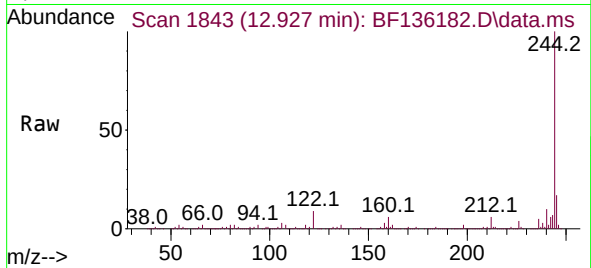




#77
Benzidine
Concen: 2.691 ng
RT: 12.927 min Scan# 1843
Delta R.T. 0.247 min
Lab File: BF136182.D
Acq: 24 Nov 2023 16:33

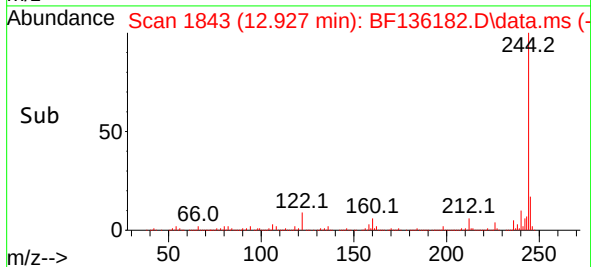
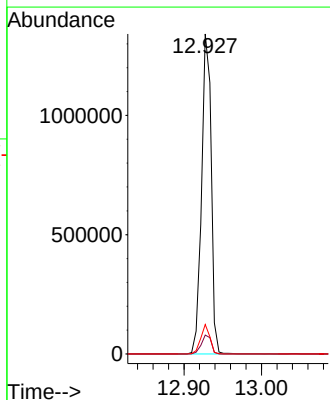
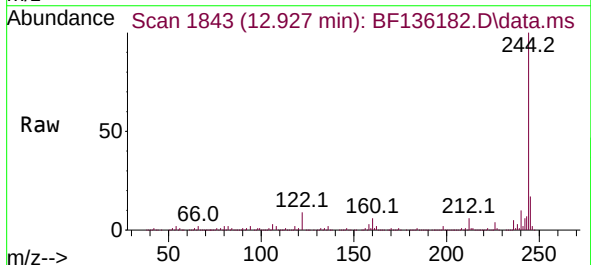
Instrument :
BNA_F
ClientSampleId :

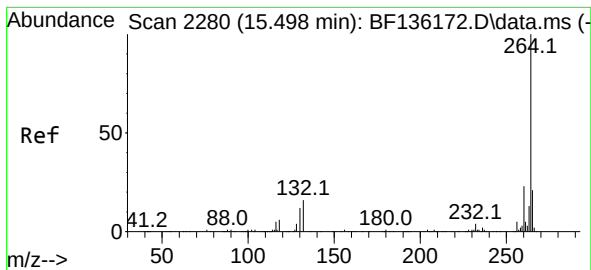
Tgt Ion:184 Resp: 13372
Ion Ratio Lower Upper
184 100
185 17.4 12.6 18.8
183 6.1 9.2 13.8#



#79
Terphenyl-d14
Concen: 57.184 ng
RT: 12.927 min Scan# 1843
Delta R.T. -0.006 min
Lab File: BF136182.D
Acq: 24 Nov 2023 16:33

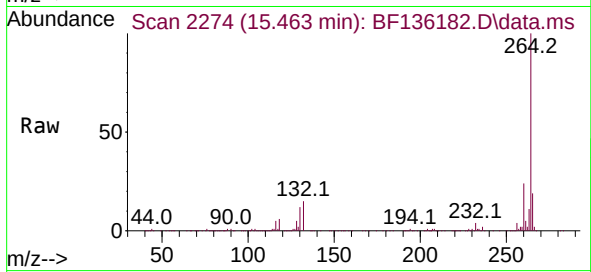
Tgt Ion:244 Resp: 1156070
Ion Ratio Lower Upper
244 100
212 5.9 5.4 8.0
122 9.2 8.1 12.1





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.463 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF136182.D
Acq: 24 Nov 2023 16:33

Instrument :
BNA_F
ClientSampleId :



Tgt Ion:264 Resp: 265137
Ion Ratio Lower Upper
264 100
260 24.2 18.5 27.7
265 19.3 16.9 25.3

