

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112423\
 Data File : BF136190.D
 Acq On : 24 Nov 2023 20:48
 Operator : CG\JU
 Sample : 05468-09
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 24 23:09:45 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)

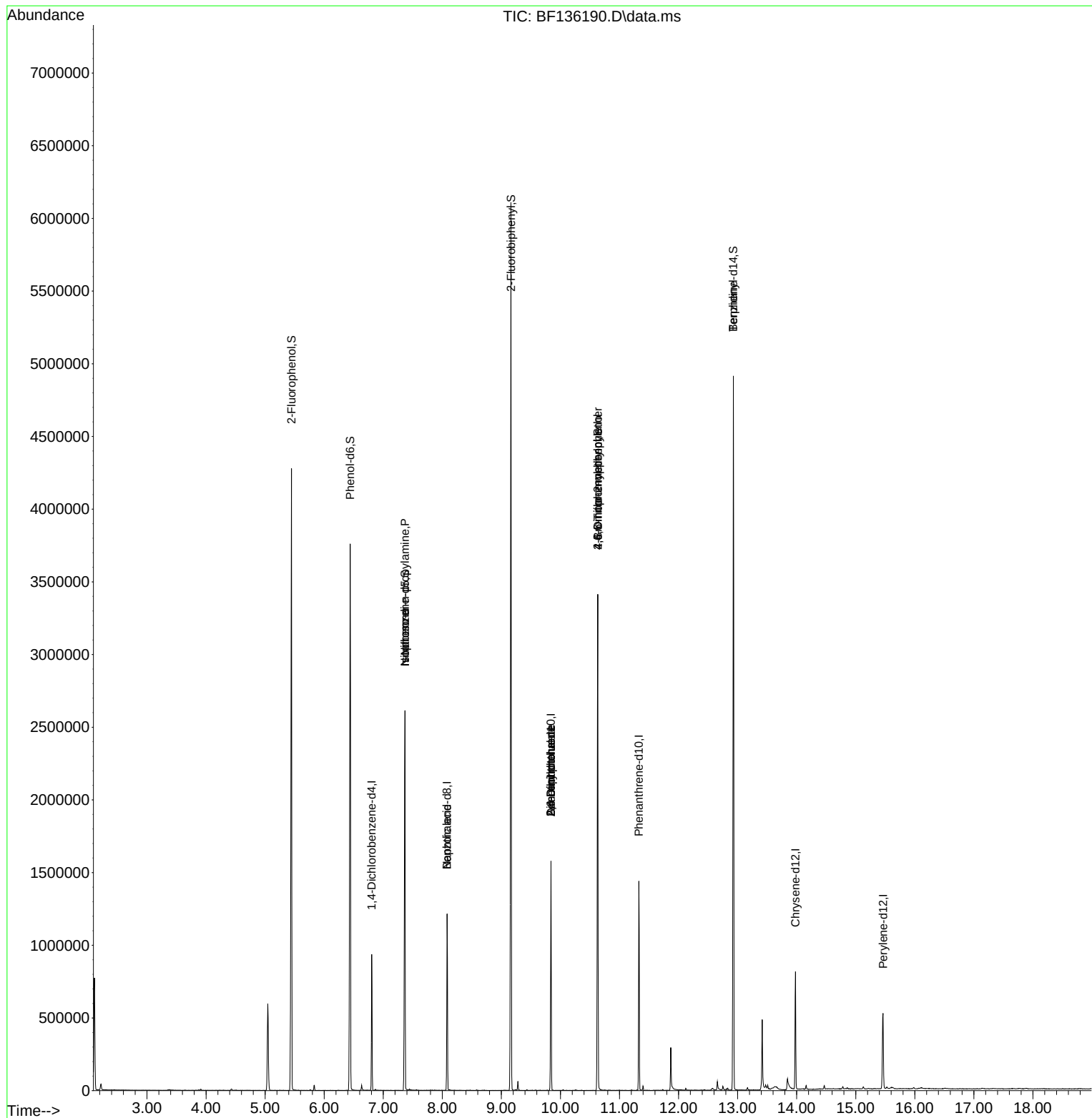
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.804	152	120949	20.000	ng	0.00
21) Naphthalene-d8	8.081	136	517213	20.000	ng	0.00
39) Acenaphthene-d10	9.839	164	268308	20.000	ng	0.00
64) Phenanthrene-d10	11.327	188	497577	20.000	ng	-0.01
76) Chrysene-d12	13.980	240	257426	20.000	ng	0.00
86) Perylene-d12	15.462	264	250369	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.445	112	1104369	145.385	ng	0.01
7) Phenol-d6	6.439	99	1396723	149.426	ng	0.00
23) Nitrobenzene-d5	7.369	82	846328	91.312	ng	0.00
42) 2,4,6-Tribromophenol	10.633	330	422364	150.302	ng	0.00
45) 2-Fluorobiphenyl	9.163	172	1746155	96.201	ng	0.00
79) Terphenyl-d14	12.927	244	1732904	95.554	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.369	70	113552	21.045	ng	# 79
25) Isophorone	7.369	82	846311	52.911	ng	# 64
32) Benzoic acid	8.081	122	113	5.023	ng	# 1
50) Dimethylphthalate	9.839	163	56509	3.117	ng	# 1
51) 2,6-Dinitrotoluene	9.839	165	31927	8.116	ng	# 23
57) 2,4-Dinitrotoluene	9.839	165	31927	6.390	ng	# 29
65) 4,6-Dinitro-2-methylph...	10.633	198	803	4.965	ng	# 1
67) 4-Bromophenyl-phenylether	10.633	248	24009	4.332	ng	# 1
77) Benzidine	12.927	184	19785	4.439	ng	# 93

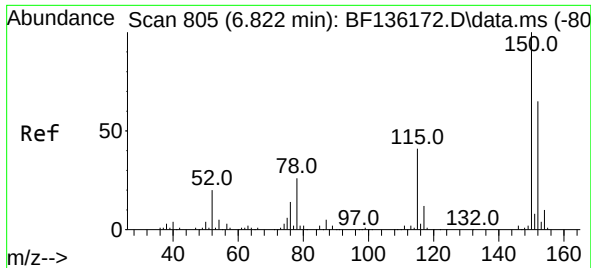
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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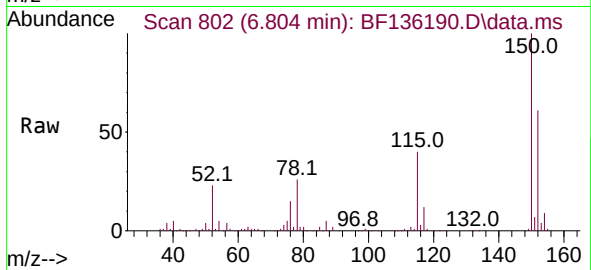
Quant Time: Nov 24 23:09:45 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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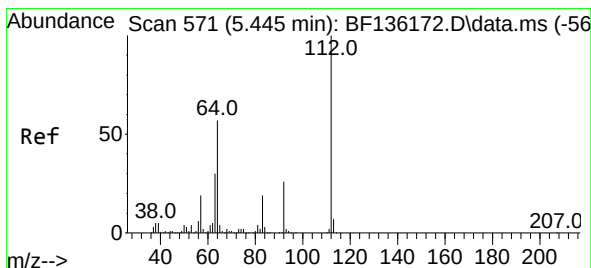
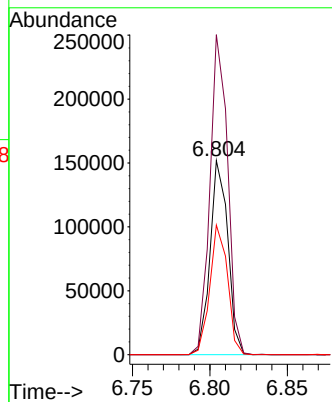
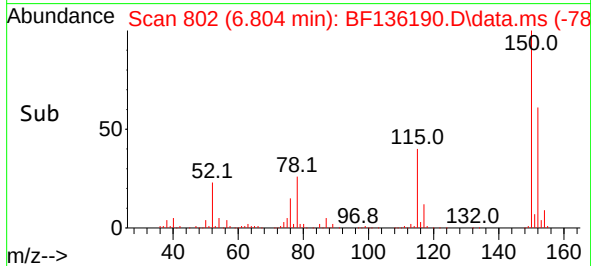


#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.804 min Scan# 805
 Delta R.T. -0.006 min
 Lab File: BF136190.D
 Acq: 24 Nov 2023 20:48

Instrument :
 BNA_F
 ClientSampleId :

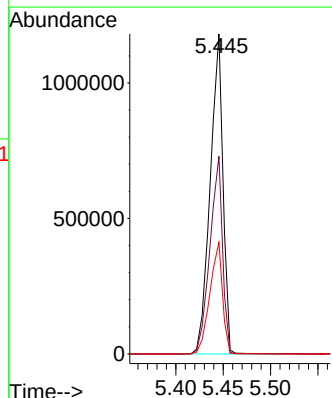
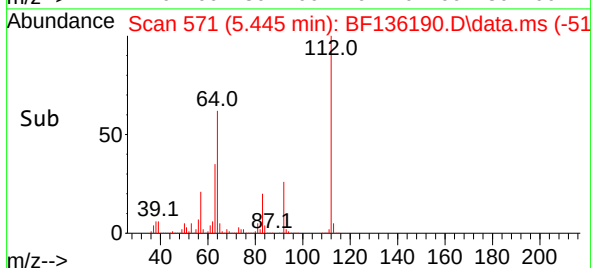
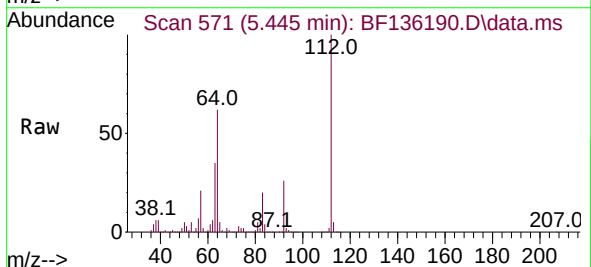


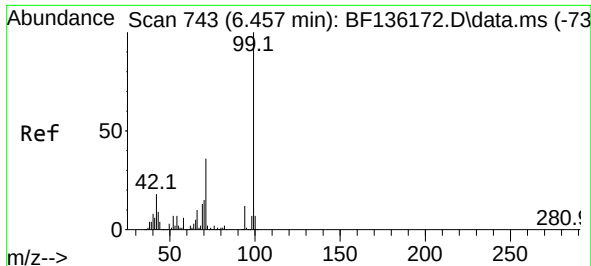
Tgt Ion:152 Resp: 120949
 Ion Ratio Lower Upper
 152 100
 150 164.8 123.1 184.7
 115 66.7 50.5 75.7



#5
 2-Fluorophenol
 Concen: 145.385 ng
 RT: 5.445 min Scan# 571
 Delta R.T. 0.011 min
 Lab File: BF136190.D
 Acq: 24 Nov 2023 20:48

Tgt Ion:112 Resp: 1104369
 Ion Ratio Lower Upper
 112 100
 64 61.7 45.4 68.0
 63 34.8 24.4 36.6

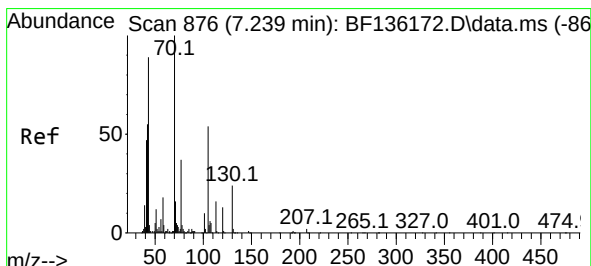
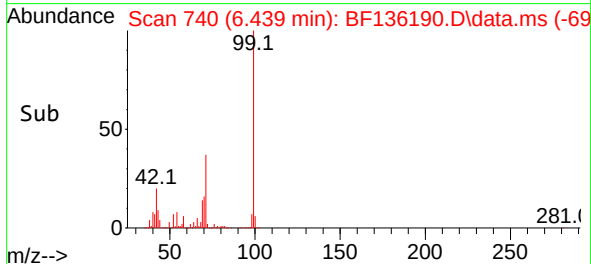
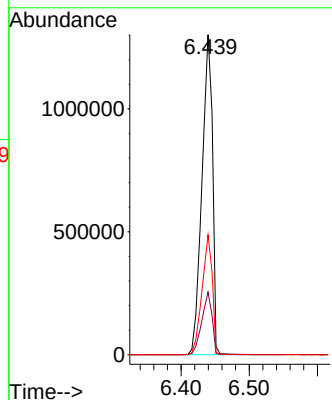
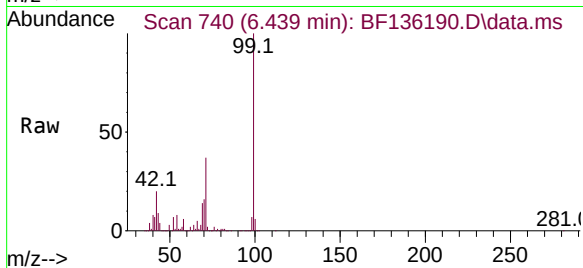




#7
Phenol-d6
Concen: 149.426 ng
RT: 6.439 min Scan# 743
Delta R.T. -0.006 min
Lab File: BF136190.D
Acq: 24 Nov 2023 20:48

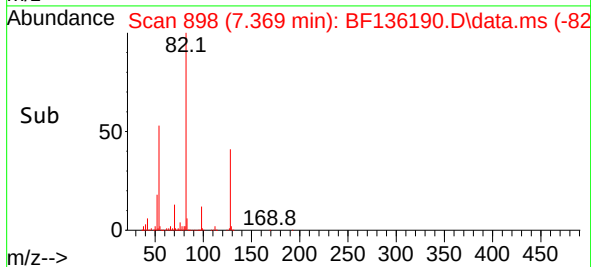
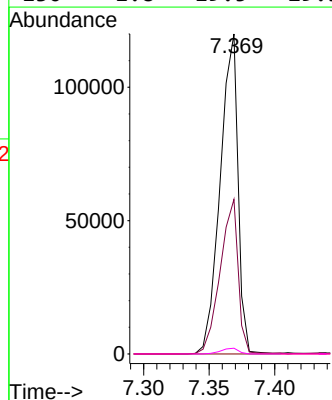
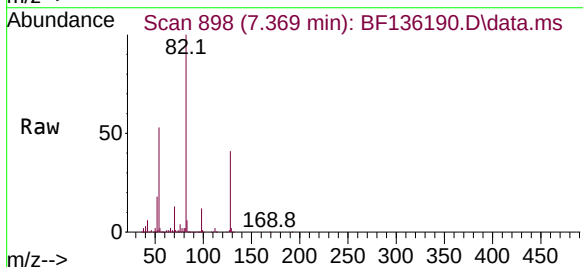
Instrument :
BNA_F
ClientSampleId :

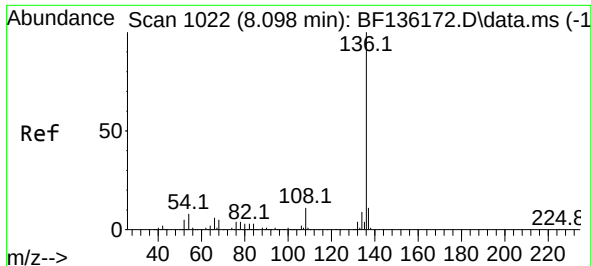
Tgt Ion: 99 Resp: 1396723
Ion Ratio Lower Upper
99 100
42 19.6 14.1 21.1
71 37.4 29.0 43.4



#19
n-Nitroso-di-n-propylamine
Concen: 21.045 ng
RT: 7.369 min Scan# 898
Delta R.T. 0.147 min
Lab File: BF136190.D
Acq: 24 Nov 2023 20:48

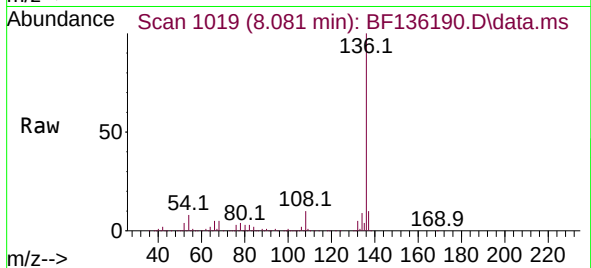
Tgt Ion: 70 Resp: 113552
Ion Ratio Lower Upper
70 100
42 48.3 43.9 65.9
101 0.0 8.1 12.1#
130 1.8 19.5 29.3#



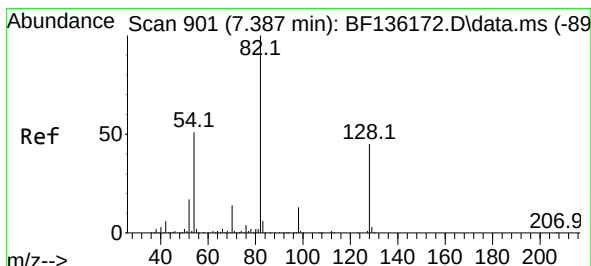
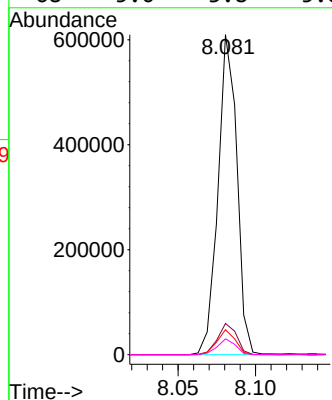
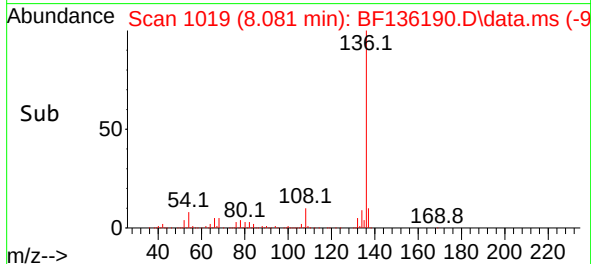


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.081 min Scan# 1019
Delta R.T. -0.006 min
Lab File: BF136190.D
Acq: 24 Nov 2023 20:48

Instrument :
BNA_F
ClientSampleId :

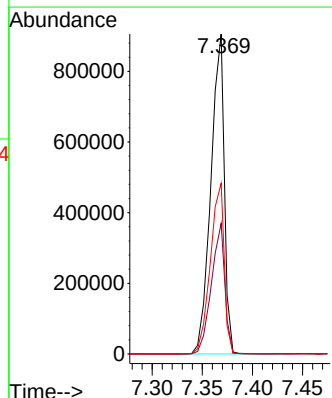
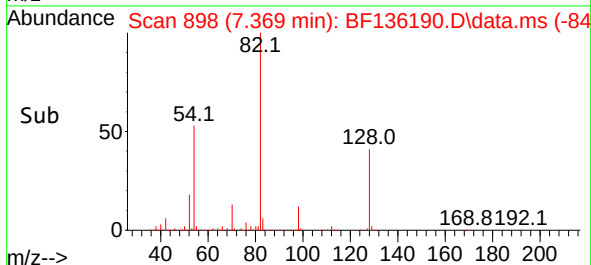
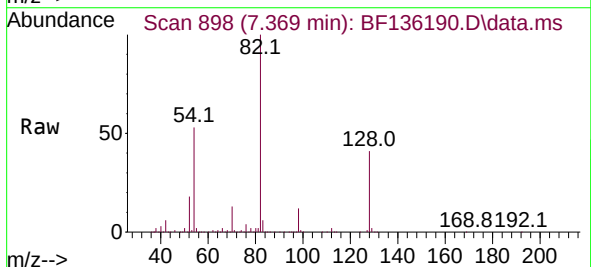


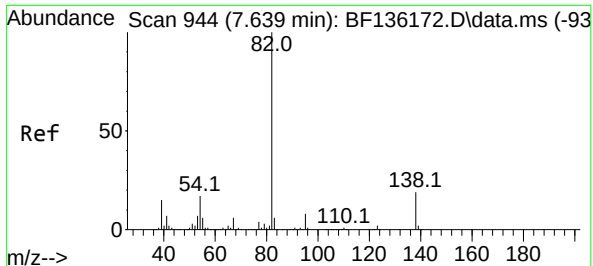
Tgt Ion:136 Resp: 517213
Ion Ratio Lower Upper
136 100
137 9.8 8.6 13.0
54 7.8 6.3 9.5
68 5.0 3.8 5.8



#23
Nitrobenzene-d5
Concen: 91.312 ng
RT: 7.369 min Scan# 898
Delta R.T. -0.006 min
Lab File: BF136190.D
Acq: 24 Nov 2023 20:48

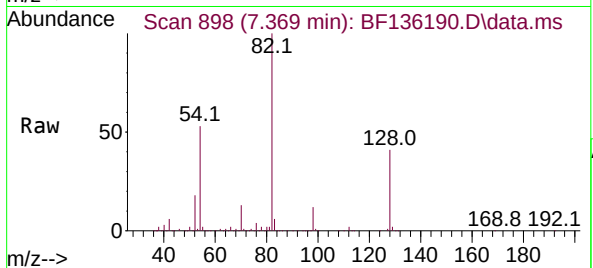
Tgt Ion: 82 Resp: 846328
Ion Ratio Lower Upper
82 100
128 40.8 35.8 53.6
54 53.4 40.6 60.8



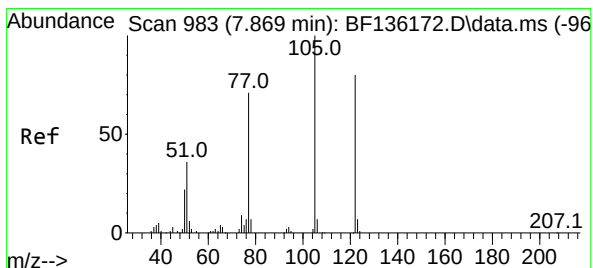
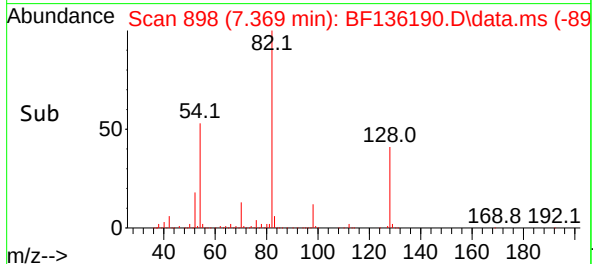
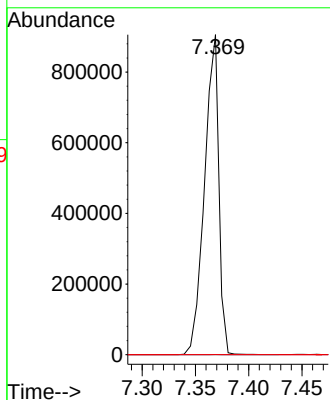


#25
Isophorone
Concen: 52.911 ng
RT: 7.369 min Scan# 89
Delta R.T. -0.259 min
Lab File: BF136190.D
Acq: 24 Nov 2023 20:48

Instrument :
BNA_F
ClientSampleId :

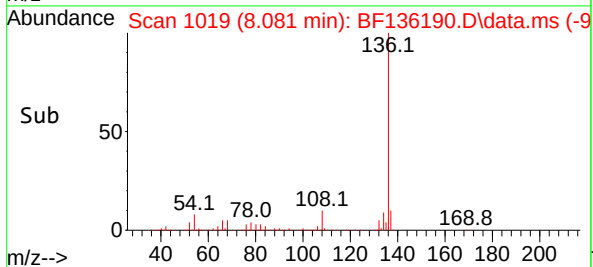
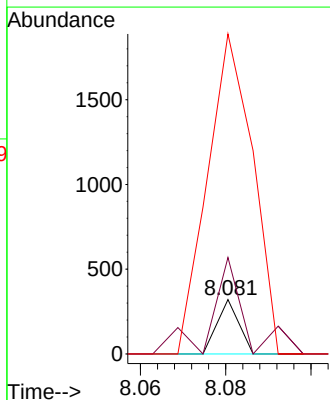
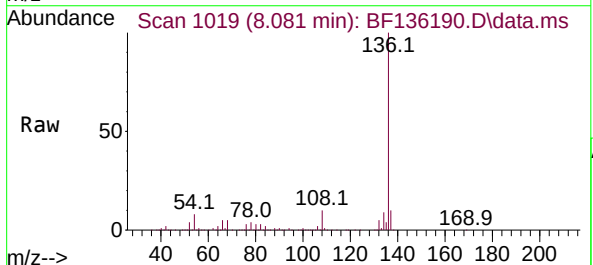


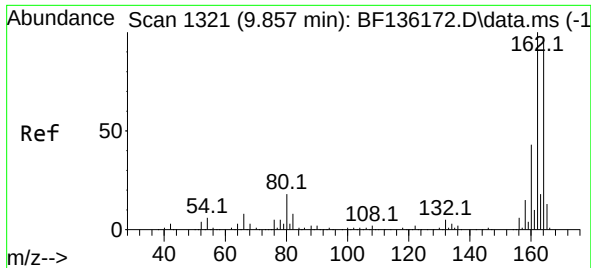
Tgt Ion: 82 Resp: 846311
Ion Ratio Lower Upper
82 100
95 0.0 6.2 9.4#
138 0.0 14.8 22.2#



#32
Benzoic acid
Concen: 5.023 ng
RT: 8.081 min Scan# 1019
Delta R.T. 0.223 min
Lab File: BF136190.D
Acq: 24 Nov 2023 20:48

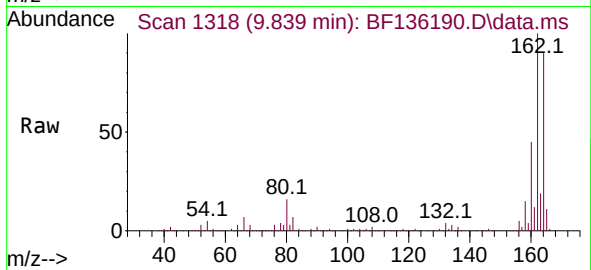
Tgt Ion:122 Resp: 113
Ion Ratio Lower Upper
122 100
105 177.3 102.5 142.5#
77 588.2 68.1 108.1#



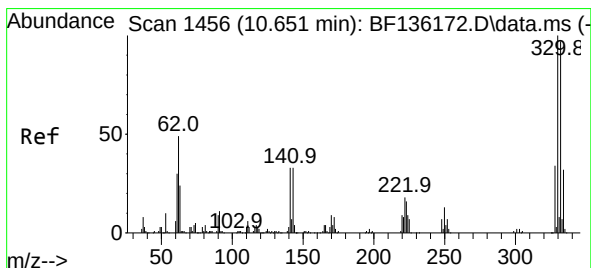
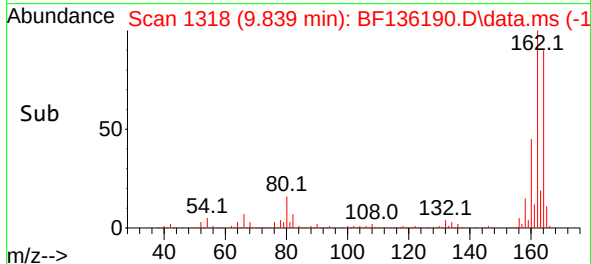
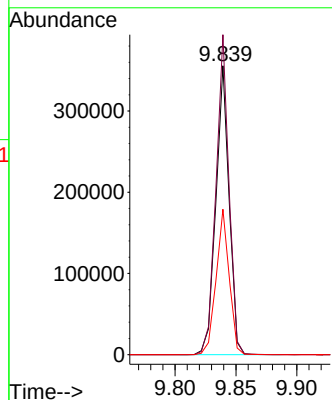


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.839 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF136190.D
Acq: 24 Nov 2023 20:48

Instrument :
BNA_F
ClientSampleId :

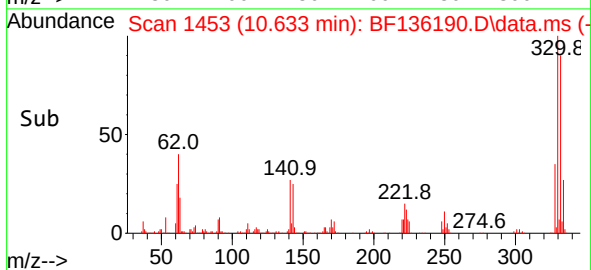
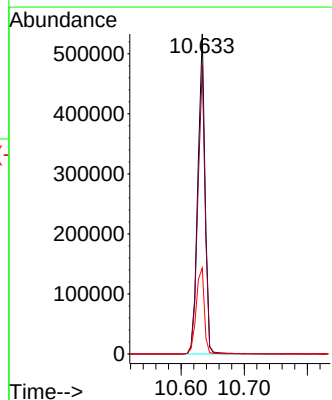
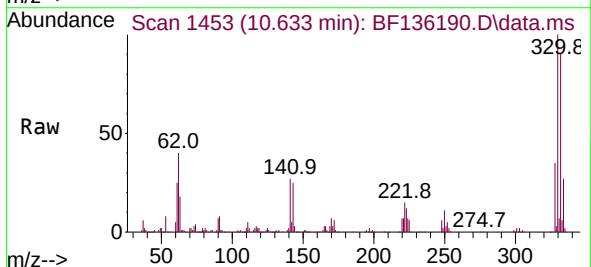


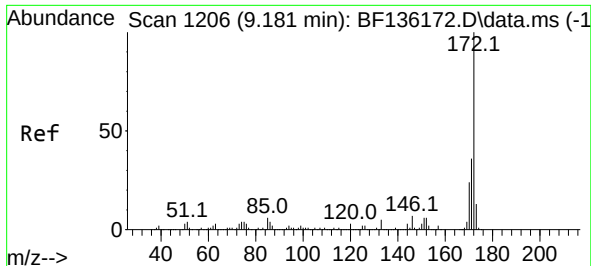
Tgt Ion:164 Resp: 268308
Ion Ratio Lower Upper
164 100
162 110.7 83.2 124.8
160 50.4 35.8 53.8



#42
2,4,6-Tribromophenol
Concen: 150.302 ng
RT: 10.633 min Scan# 1453
Delta R.T. -0.006 min
Lab File: BF136190.D
Acq: 24 Nov 2023 20:48

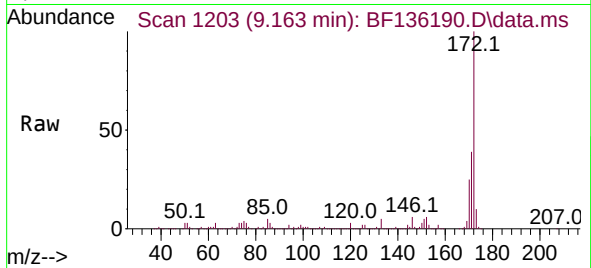
Tgt Ion:330 Resp: 422364
Ion Ratio Lower Upper
330 100
332 90.8 77.6 116.4
141 30.0 25.8 38.6



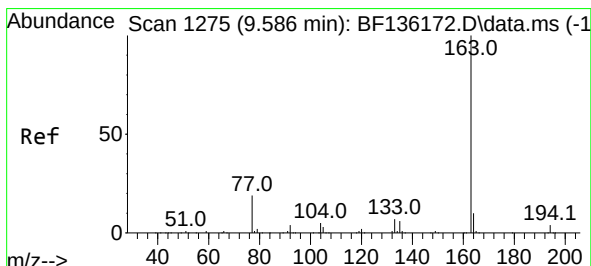
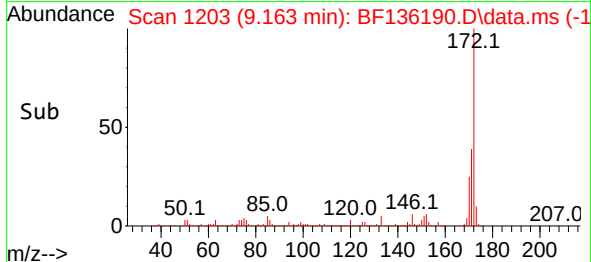
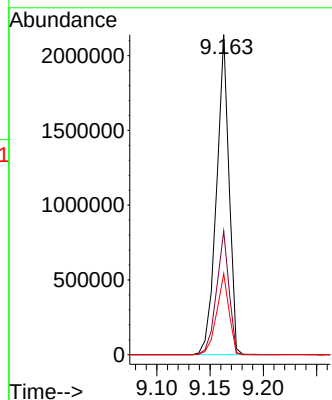


#45
2-Fluorobiphenyl
Concen: 96.201 ng
RT: 9.163 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF136190.D
Acq: 24 Nov 2023 20:48

Instrument :
BNA_F
ClientSampleId :

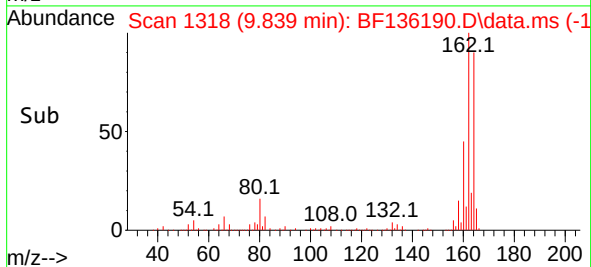
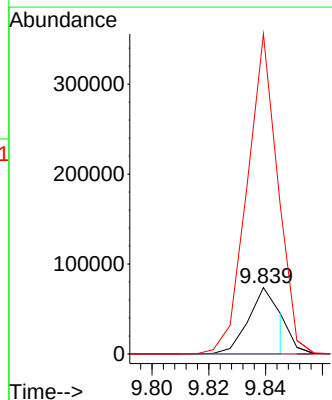
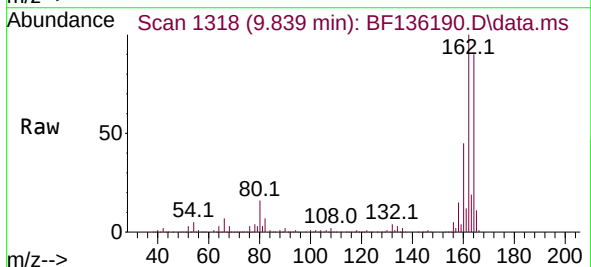


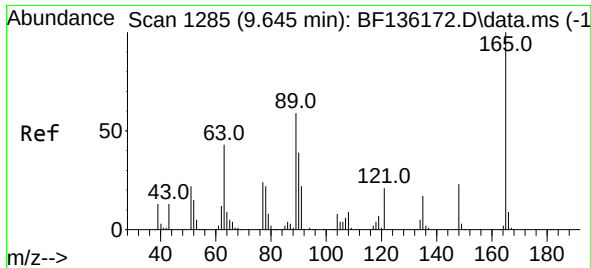
Tgt Ion:172 Resp: 1746155
Ion Ratio Lower Upper
172 100
171 38.6 28.9 43.3
170 25.3 19.1 28.7



#50
Dimethylphthalate
Concen: 3.117 ng
RT: 9.839 min Scan# 1318
Delta R.T. 0.264 min
Lab File: BF136190.D
Acq: 24 Nov 2023 20:48

Tgt Ion:163 Resp: 56509
Ion Ratio Lower Upper
163 100
194 0.0 3.0 4.4#
164 481.7 7.8 11.8#

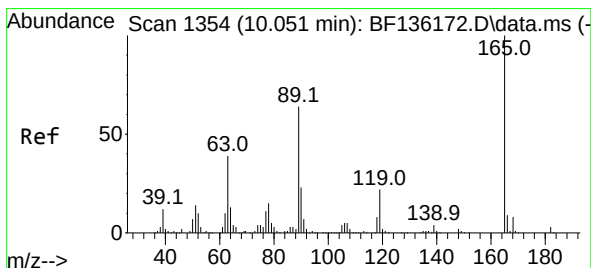
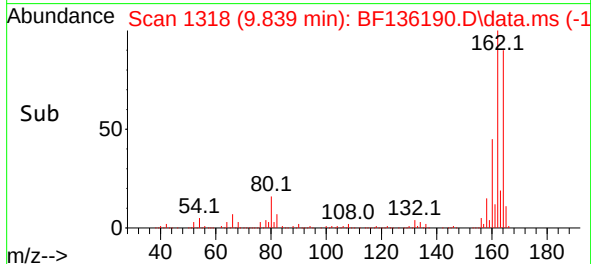
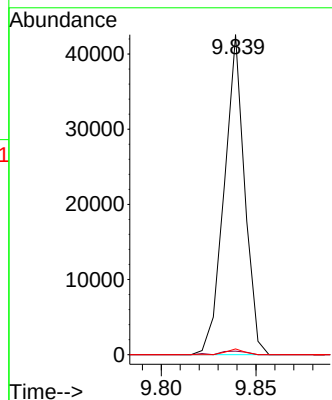
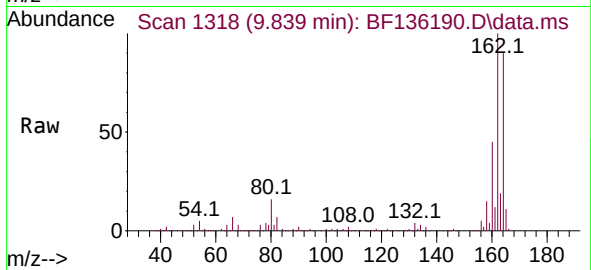




#51
2,6-Dinitrotoluene
Concen: 8.116 ng
RT: 9.839 min Scan# 11
Delta R.T. 0.206 min
Lab File: BF136190.D
Acq: 24 Nov 2023 20:48

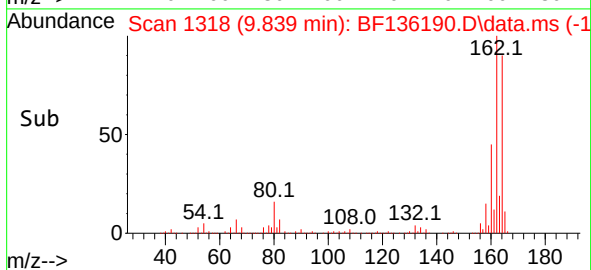
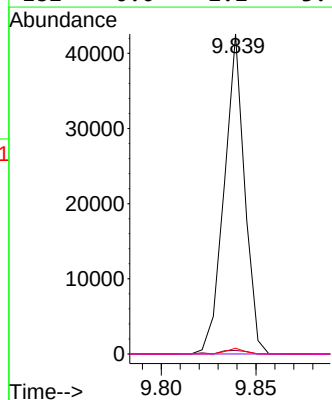
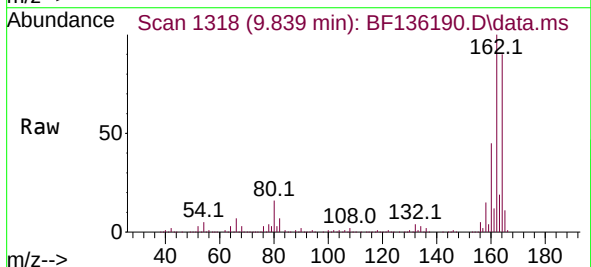
Instrument :
BNA_F
ClientSampleId :

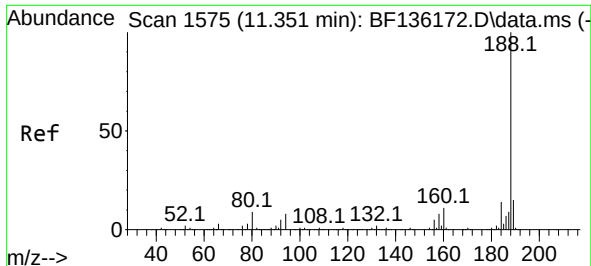
Tgt Ion:165 Resp: 31927
Ion Ratio Lower Upper
165 100
63 1.1 48.0 72.0#
89 1.8 47.2 70.8#



#57
2,4-Dinitrotoluene
Concen: 6.390 ng
RT: 9.839 min Scan# 1318
Delta R.T. -0.200 min
Lab File: BF136190.D
Acq: 24 Nov 2023 20:48

Tgt Ion:165 Resp: 31927
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#

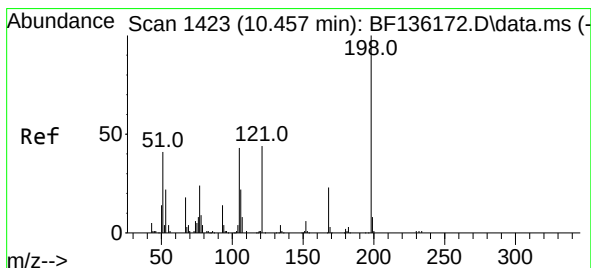
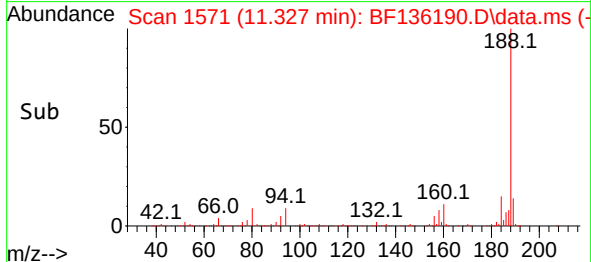
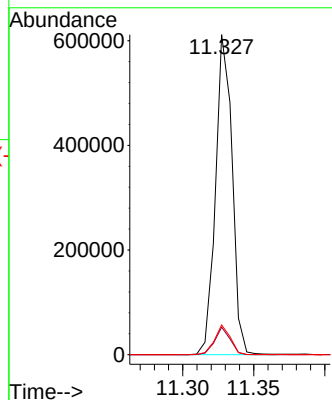
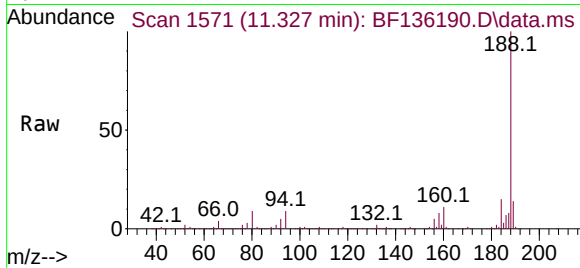




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.327 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF136190.D
Acq: 24 Nov 2023 20:48

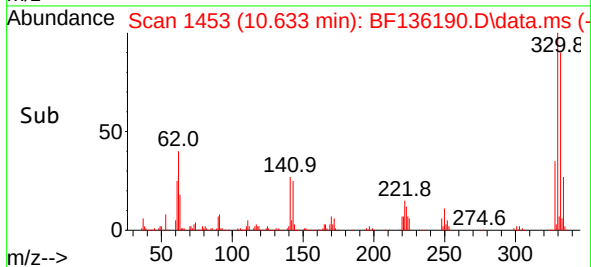
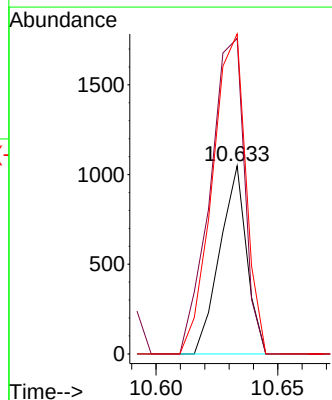
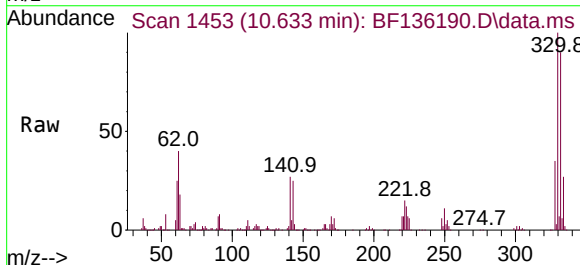
Instrument :
BNA_F
ClientSampleId :

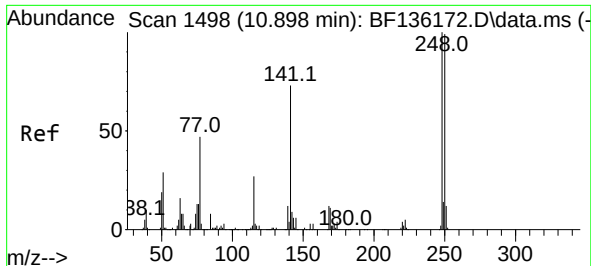
Tgt Ion:188 Resp: 497577
Ion Ratio Lower Upper
188 100
94 8.6 6.6 9.8
80 9.3 7.3 10.9



#65
4,6-Dinitro-2-methylphenol
Concen: 4.965 ng
RT: 10.633 min Scan# 1453
Delta R.T. 0.188 min
Lab File: BF136190.D
Acq: 24 Nov 2023 20:48

Tgt Ion:198 Resp: 803
Ion Ratio Lower Upper
198 100
51 167.7 27.3 67.3#
105 170.1 24.2 64.2#

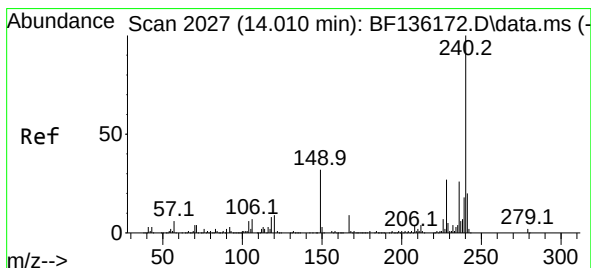
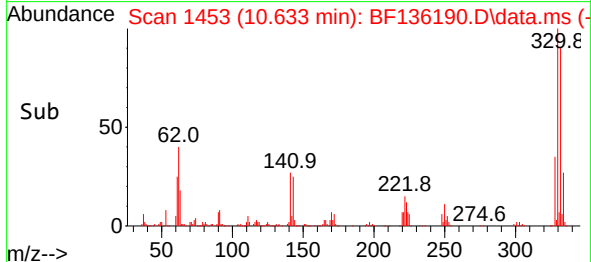
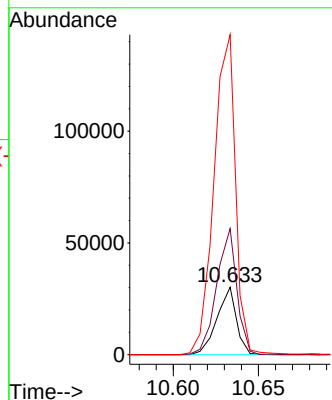
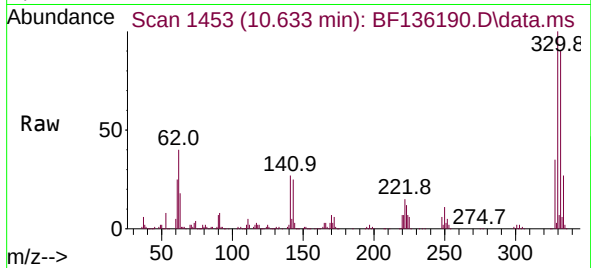




#67
4-Bromophenyl-phenylether
Concen: 4.332 ng
RT: 10.633 min Scan# 1498
Delta R.T. -0.253 min
Lab File: BF136190.D
Acq: 24 Nov 2023 20:48

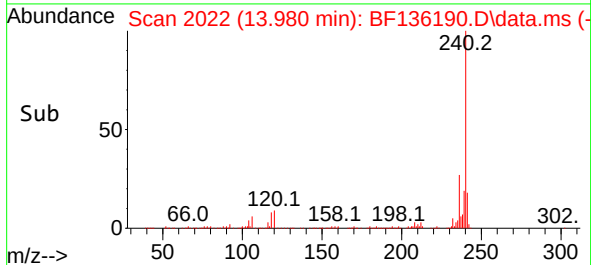
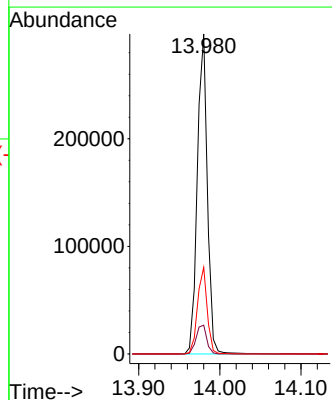
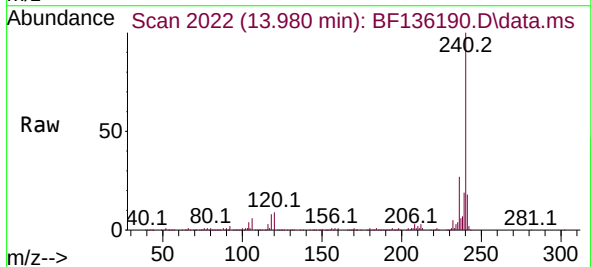
Instrument :
BNA_F
ClientSampleId :

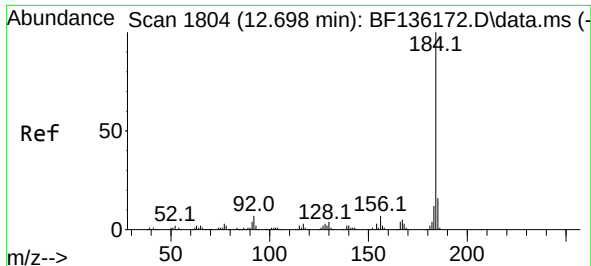
Tgt Ion:248 Resp: 24009
Ion Ratio Lower Upper
248 100
250 186.5 79.0 118.4#
141 473.6 58.8 88.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.980 min Scan# 2022
Delta R.T. -0.006 min
Lab File: BF136190.D
Acq: 24 Nov 2023 20:48

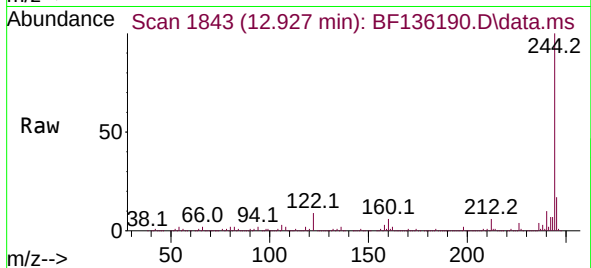
Tgt Ion:240 Resp: 257426
Ion Ratio Lower Upper
240 100
120 9.0 7.1 10.7
236 27.0 20.9 31.3



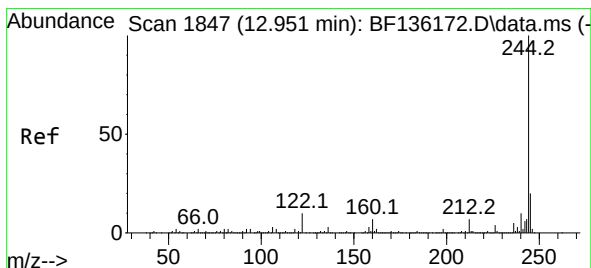
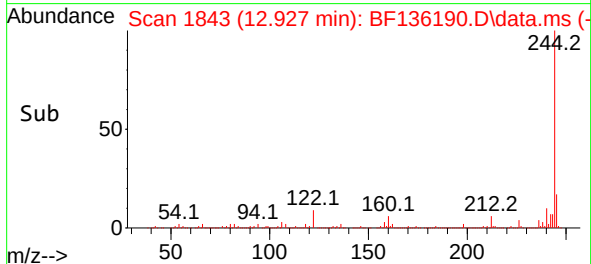
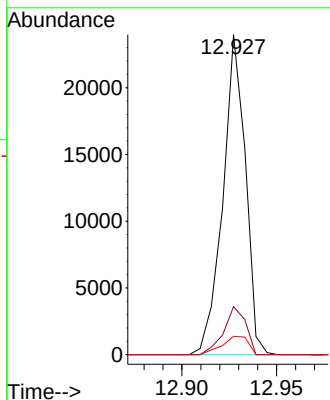


#77
Benzidine
Concen: 4.439 ng
RT: 12.927 min Scan# 1843
Delta R.T. 0.247 min
Lab File: BF136190.D
Acq: 24 Nov 2023 20:48

Instrument :
BNA_F
ClientSampleId :

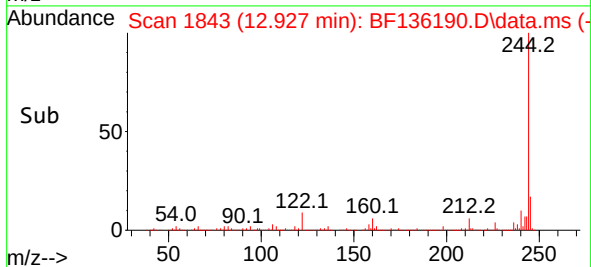
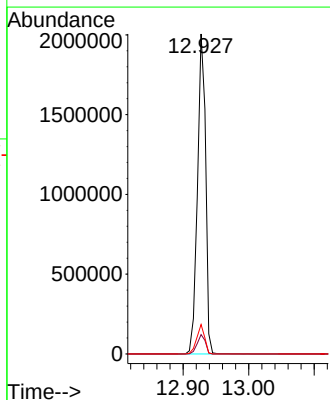
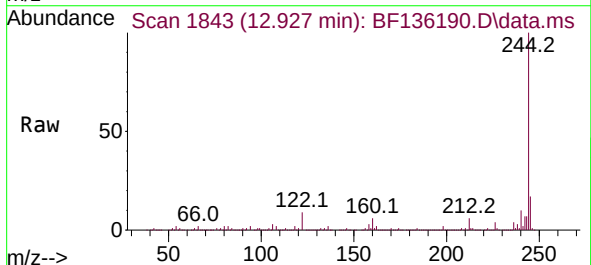


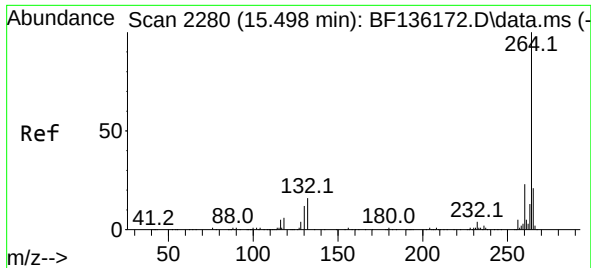
Tgt Ion:184 Resp: 19785
Ion Ratio Lower Upper
184 100
185 15.0 12.6 18.8
183 5.8 9.2 13.8#



#79
Terphenyl-d14
Concen: 95.554 ng
RT: 12.927 min Scan# 1843
Delta R.T. -0.006 min
Lab File: BF136190.D
Acq: 24 Nov 2023 20:48

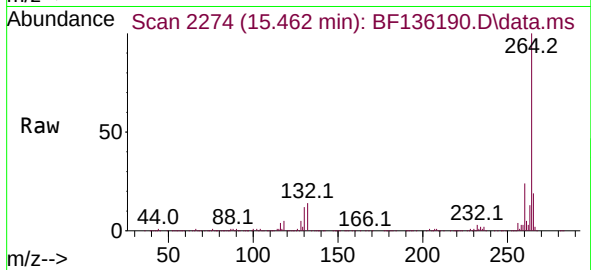
Tgt Ion:244 Resp: 1732904
Ion Ratio Lower Upper
244 100
212 6.0 5.4 8.0
122 9.2 8.1 12.1





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.462 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BF136190.D
 Acq: 24 Nov 2023 20:48

Instrument :
 BNA_F
 ClientSampleId :



Tgt Ion:264 Resp: 250369
 Ion Ratio Lower Upper
 264 100
 260 23.9 18.5 27.7
 265 19.4 16.9 25.3

