

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112423\
 Data File : BF136186.D
 Acq On : 24 Nov 2023 18:41
 Operator : CG\JU
 Sample : 05293-05
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 24 23:08:26 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)

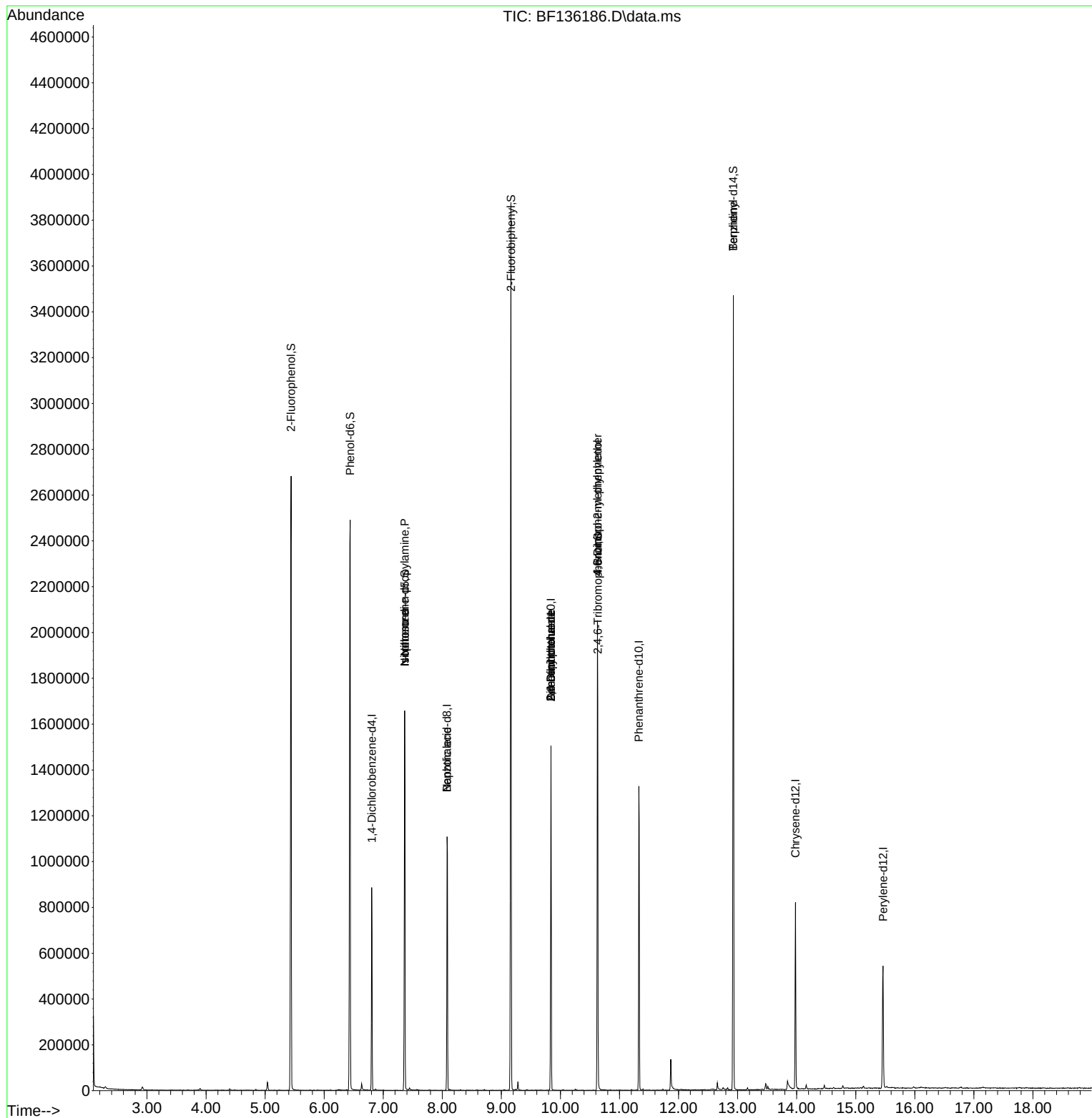
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.804	152	115063	20.000	ng	0.00
21) Naphthalene-d8	8.081	136	493581	20.000	ng	0.00
39) Acenaphthene-d10	9.839	164	252977	20.000	ng	0.00
64) Phenanthrene-d10	11.327	188	472875	20.000	ng	-0.01
76) Chrysene-d12	13.980	240	251013	20.000	ng	0.00
86) Perylene-d12	15.462	264	236629	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.440	112	688218	95.236	ng	0.00
7) Phenol-d6	6.439	99	862255	96.966	ng	0.00
23) Nitrobenzene-d5	7.363	82	518874	58.663	ng	-0.01
42) 2,4,6-Tribromophenol	10.633	330	251495	94.921	ng	0.00
45) 2-Fluorobiphenyl	9.163	172	1082460	63.250	ng	0.00
79) Terphenyl-d14	12.927	244	1118798	63.268	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.363	70	69231	13.487	ng	# 78
25) Isophorone	7.363	82	518869	33.992	ng	# 64
32) Benzoic acid	8.081	122	120	5.026	ng	# 1
50) Dimethylphthalate	9.839	163	52847	3.092	ng	# 1
51) 2,6-Dinitrotoluene	9.839	165	29890	8.059	ng	# 22
57) 2,4-Dinitrotoluene	9.839	165	29890	6.345	ng	# 28
65) 4,6-Dinitro-2-methylph...	10.627	198	660	4.931	ng	# 1
67) 4-Bromophenyl-phenylether	10.627	248	14134	2.684	ng	# 1
77) Benzidine	12.927	184	12170	2.800	ng	# 91

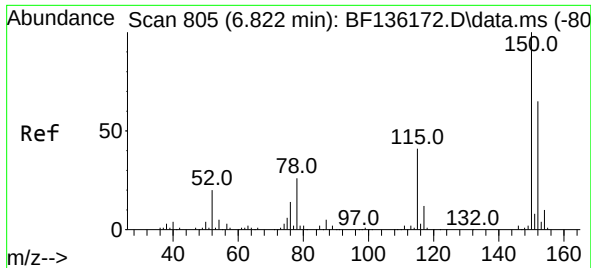
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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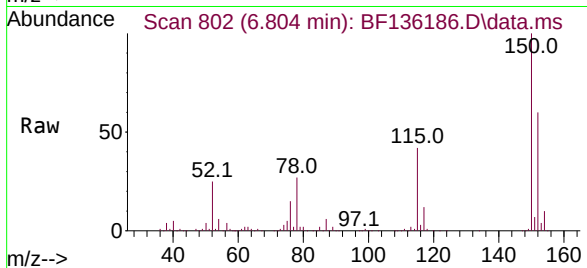
Quant Time: Nov 24 23:08:26 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110723.M
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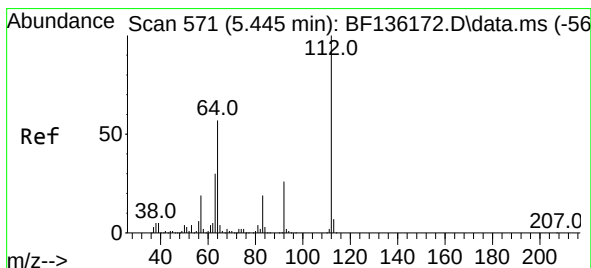
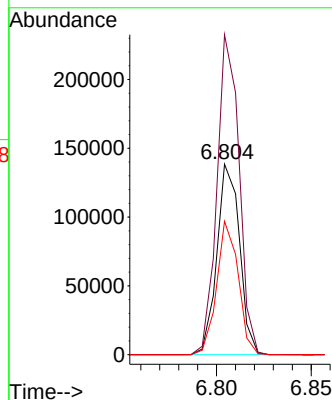
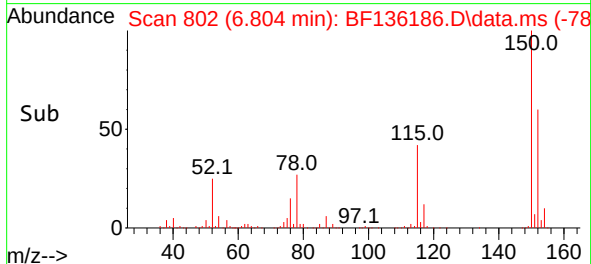


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.804 min Scan# 805
Delta R.T. -0.006 min
Lab File: BF136186.D
Acq: 24 Nov 2023 18:41

Instrument :
BNA_F
ClientSampleId :

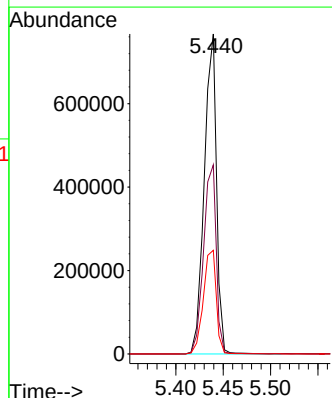
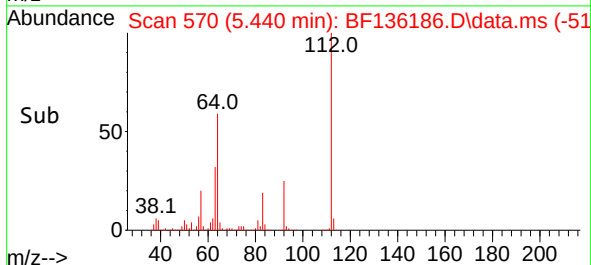
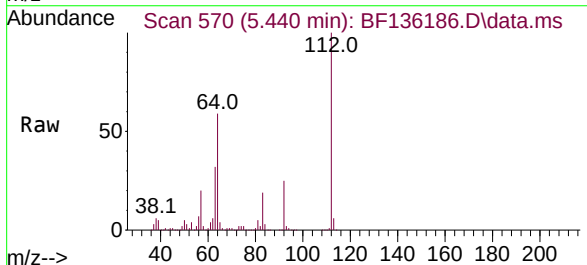


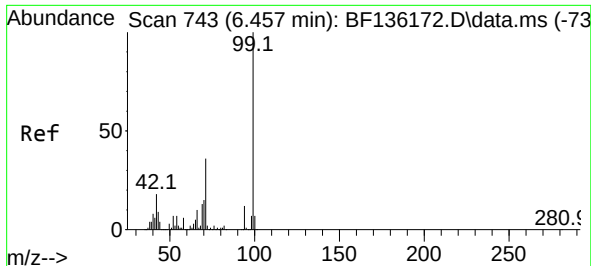
Tgt Ion:152 Resp: 115063
Ion Ratio Lower Upper
152 100
150 167.9 123.1 184.7
115 70.0 50.5 75.7



#5
2-Fluorophenol
Concen: 95.236 ng
RT: 5.440 min Scan# 570
Delta R.T. 0.006 min
Lab File: BF136186.D
Acq: 24 Nov 2023 18:41

Tgt Ion:112 Resp: 688218
Ion Ratio Lower Upper
112 100
64 59.1 45.4 68.0
63 32.4 24.4 36.6

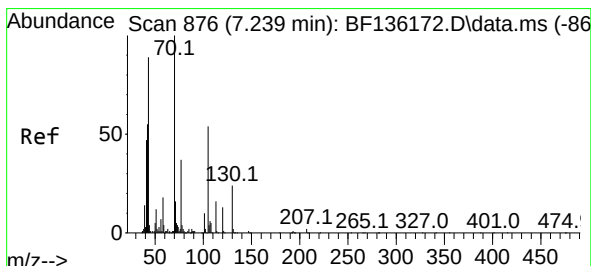
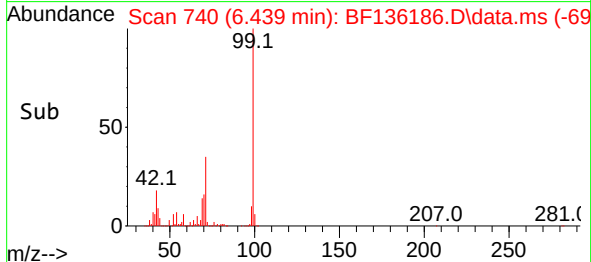
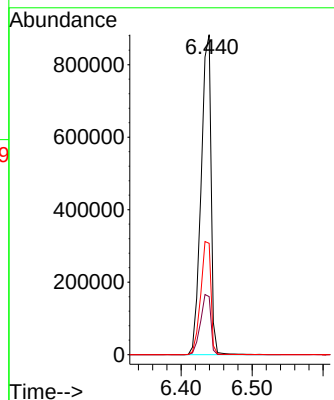
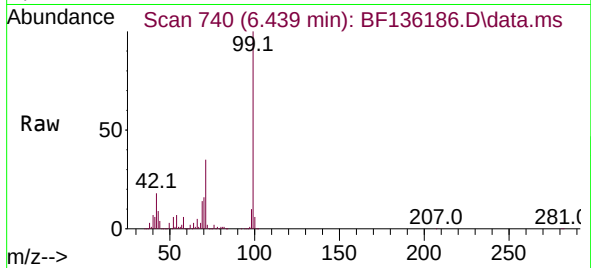




#7
Phenol-d6
Concen: 96.966 ng
RT: 6.439 min Scan# 743
Delta R.T. -0.006 min
Lab File: BF136186.D
Acq: 24 Nov 2023 18:41

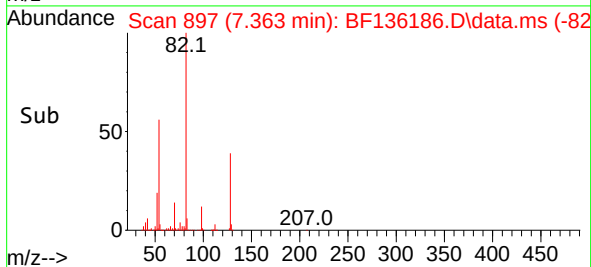
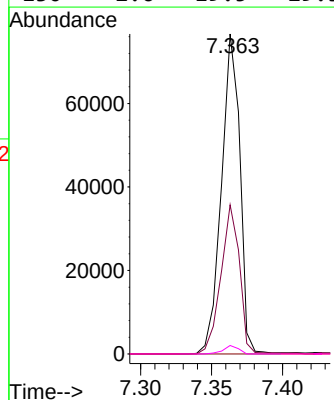
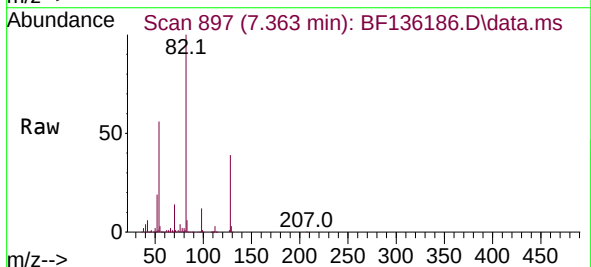
Instrument :
BNA_F
ClientSampleId :

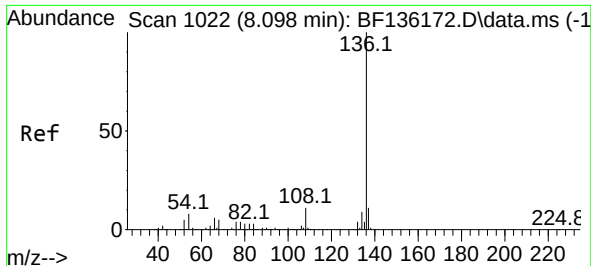
Tgt Ion: 99 Resp: 862255
Ion Ratio Lower Upper
99 100
42 18.2 14.1 21.1
71 34.8 29.0 43.4



#19
n-Nitroso-di-n-propylamine
Concen: 13.487 ng
RT: 7.363 min Scan# 897
Delta R.T. 0.141 min
Lab File: BF136186.D
Acq: 24 Nov 2023 18:41

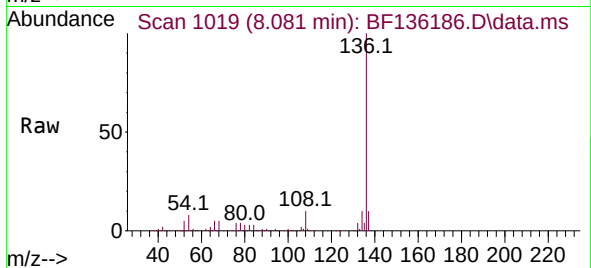
Tgt Ion: 70 Resp: 69231
Ion Ratio Lower Upper
70 100
42 46.6 43.9 65.9
101 0.0 8.1 12.1#
130 2.6 19.5 29.3#



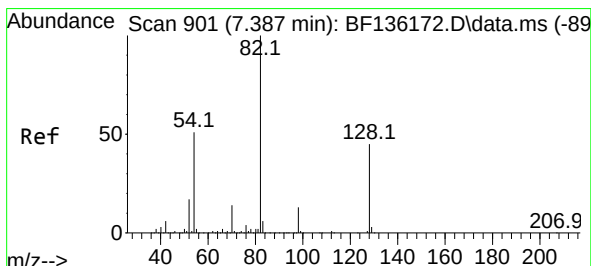
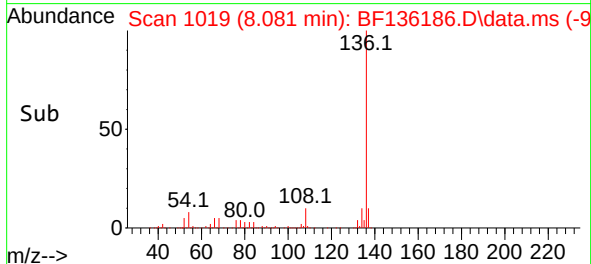
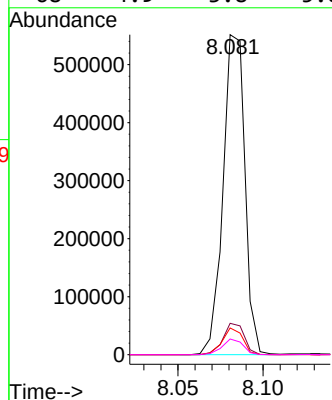


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.081 min Scan# 1019
Delta R.T. -0.006 min
Lab File: BF136186.D
Acq: 24 Nov 2023 18:41

Instrument :
BNA_F
ClientSampleId :

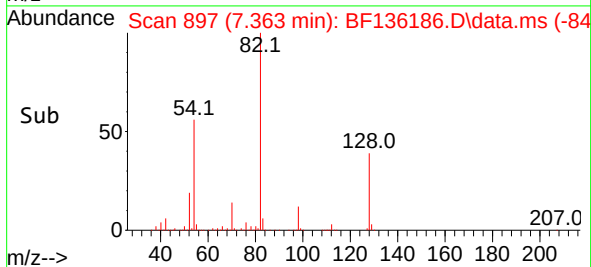
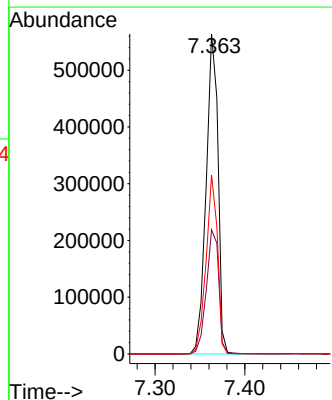
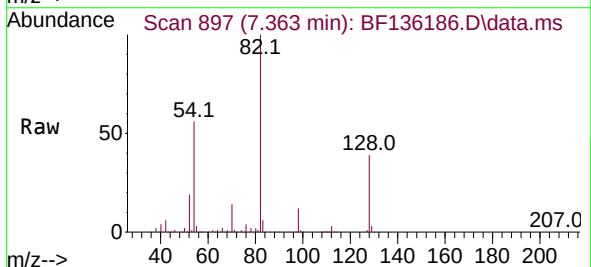


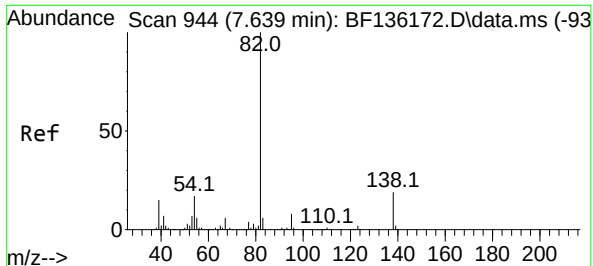
Tgt Ion:136 Resp: 493581
Ion Ratio Lower Upper
136 100
137 9.8 8.6 13.0
54 8.3 6.3 9.5
68 4.9 3.8 5.8



#23
Nitrobenzene-d5
Concen: 58.663 ng
RT: 7.363 min Scan# 897
Delta R.T. -0.012 min
Lab File: BF136186.D
Acq: 24 Nov 2023 18:41

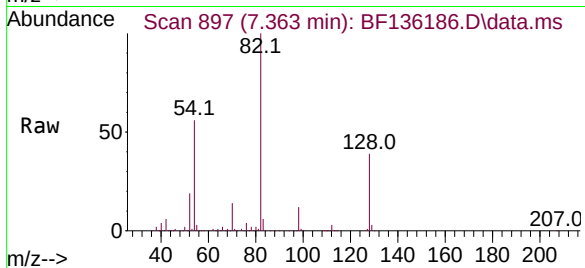
Tgt Ion: 82 Resp: 518874
Ion Ratio Lower Upper
82 100
128 38.8 35.8 53.6
54 56.0 40.6 60.8



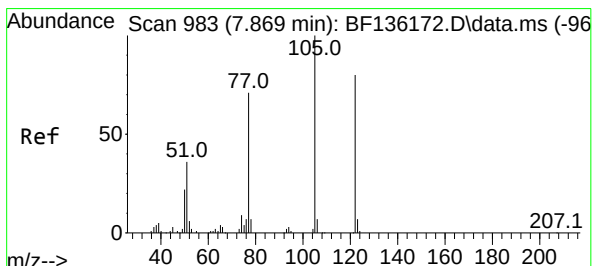
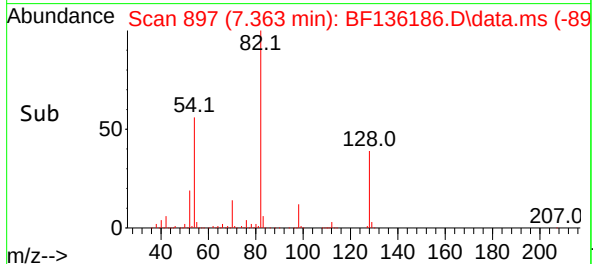
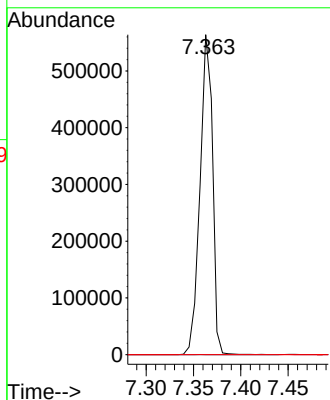


#25
Isophorone
Concen: 33.992 ng
RT: 7.363 min Scan# 897
Delta R.T. -0.265 min
Lab File: BF136186.D
Acq: 24 Nov 2023 18:41

Instrument :
BNA_F
ClientSampleId :

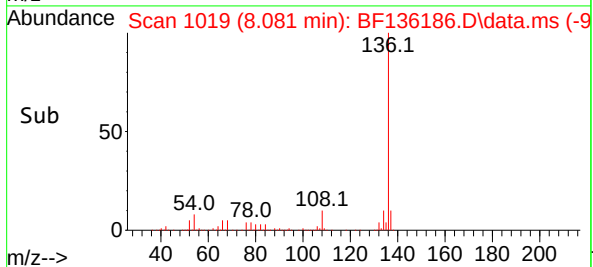
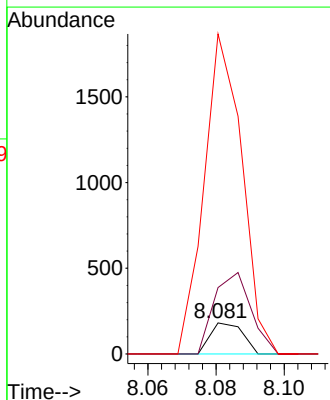
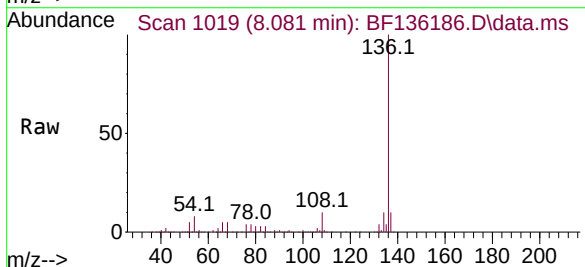


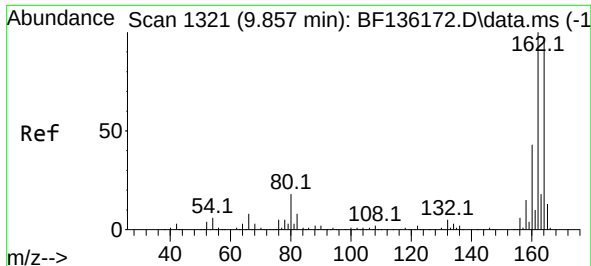
Tgt Ion: 82 Resp: 518869
Ion Ratio Lower Upper
82 100
95 0.0 6.2 9.4#
138 0.0 14.8 22.2#



#32
Benzoic acid
Concen: 5.026 ng
RT: 8.081 min Scan# 1019
Delta R.T. 0.223 min
Lab File: BF136186.D
Acq: 24 Nov 2023 18:41

Tgt Ion:122 Resp: 120
Ion Ratio Lower Upper
122 100
105 213.8 102.5 142.5#
77 1031.5 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: BF136186.D

Acq: 24 Nov 2023 18:41

Instrument :

BNA_F

ClientSampleId :

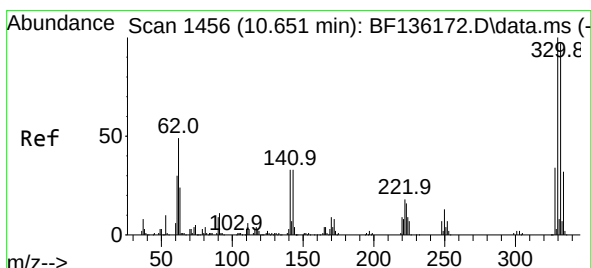
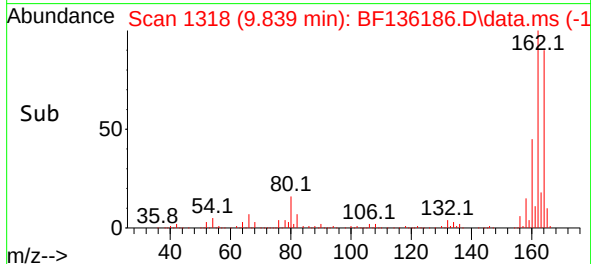
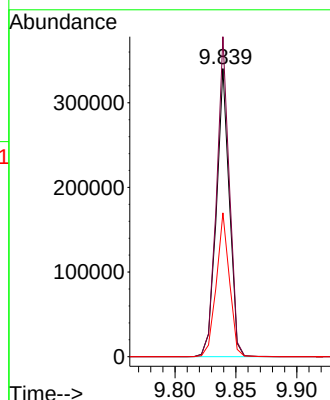
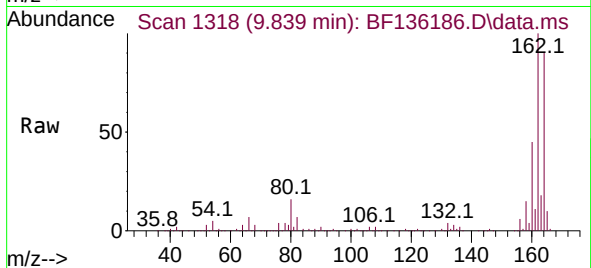
Tgt Ion:164 Resp: 252977

Ion Ratio Lower Upper

164 100

162 111.1 83.2 124.8

160 49.9 35.8 53.8



#42

2,4,6-Tribromophenol

Concen: 94.921 ng

RT: 10.633 min Scan# 1453

Delta R.T. -0.006 min

Lab File: BF136186.D

Acq: 24 Nov 2023 18:41

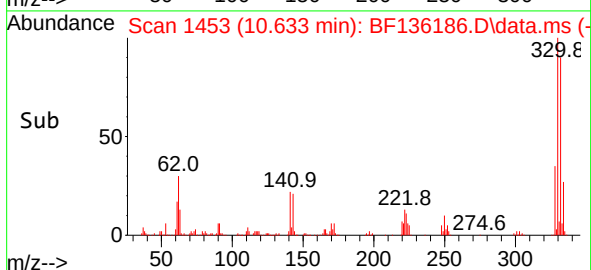
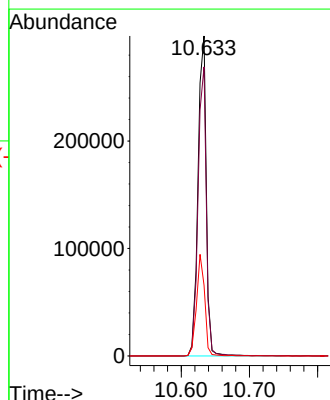
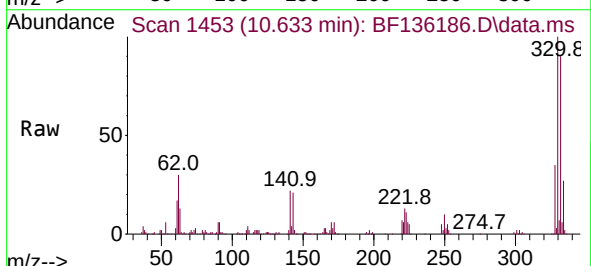
Tgt Ion:330 Resp: 251495

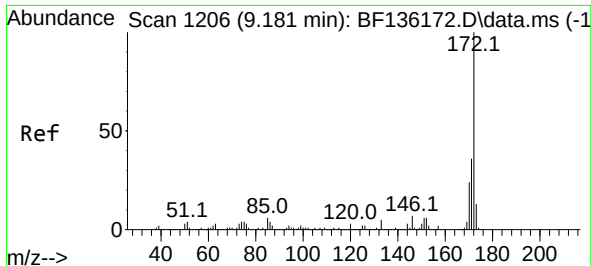
Ion Ratio Lower Upper

330 100

332 90.3 77.6 116.4

141 31.3 25.8 38.6





#45

2-Fluorobiphenyl

Concen: 63.250 ng

RT: 9.163 min Scan# 11

Delta R.T. -0.006 min

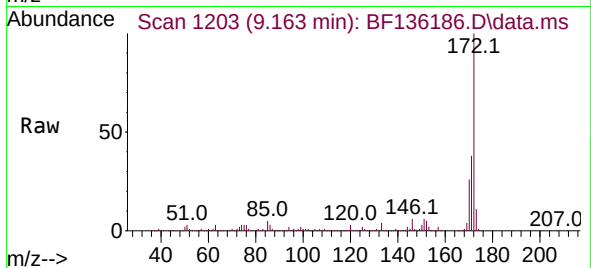
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Acq: 24 Nov 2023 18:41

Instrument :

BNA_F

ClientSampleId :



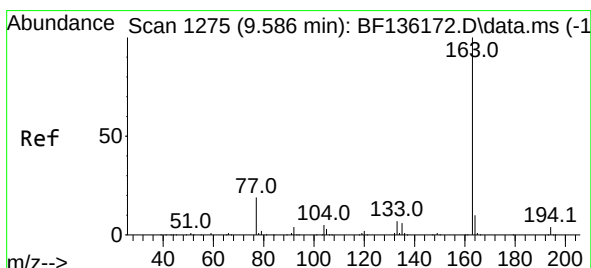
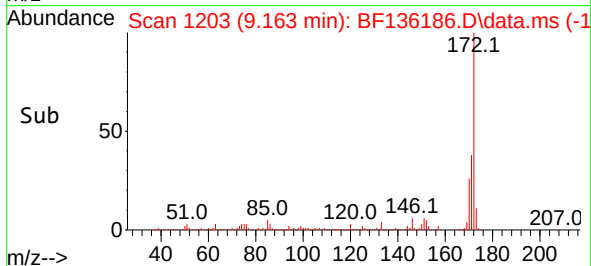
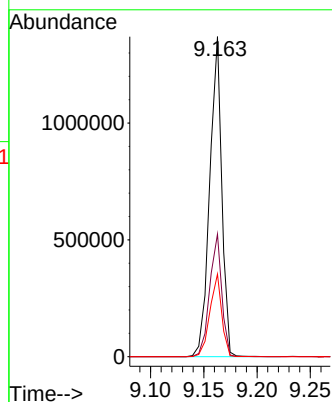
Tgt Ion:172 Resp: 1082460

Ion Ratio Lower Upper

172 100

171 38.3 28.9 43.3

170 25.8 19.1 28.7



#50

Dimethylphthalate

Concen: 3.092 ng

RT: 9.839 min Scan# 1318

Delta R.T. 0.264 min

Lab File: BF136186.D

Acq: 24 Nov 2023 18:41

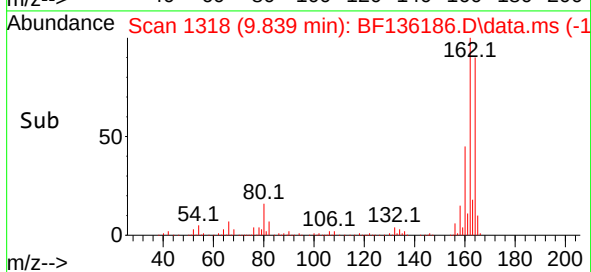
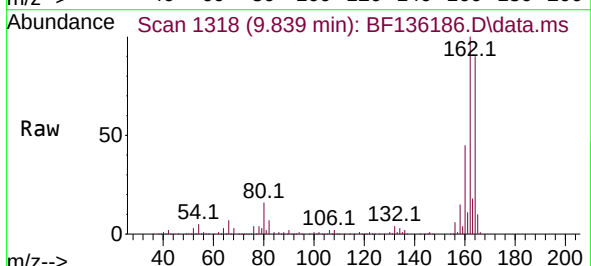
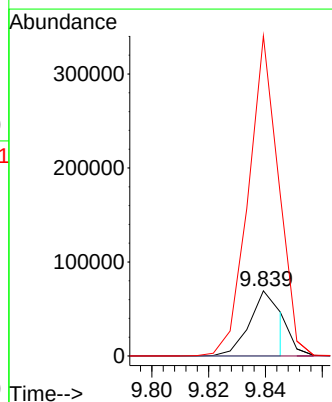
Tgt Ion:163 Resp: 52847

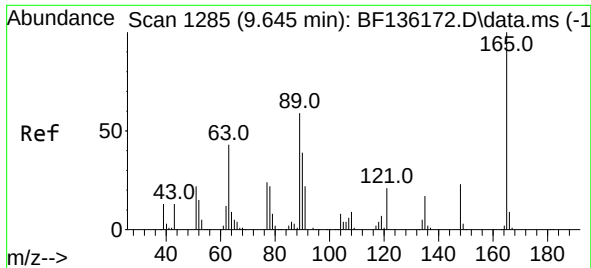
Ion Ratio Lower Upper

163 100

194 0.0 3.0 4.4#

164 491.4 7.8 11.8#

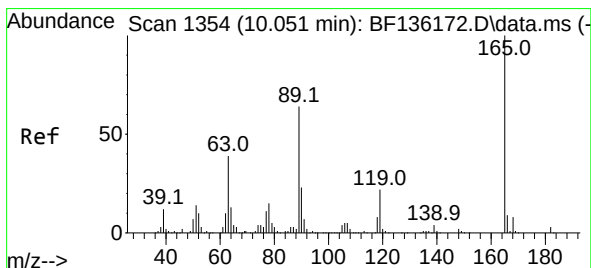
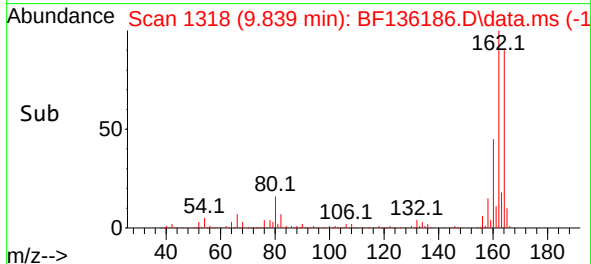
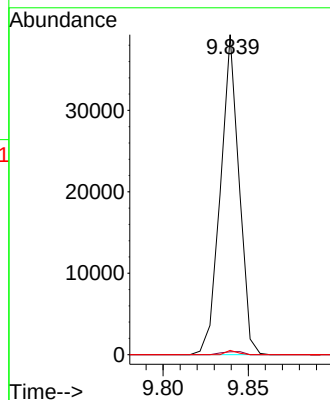
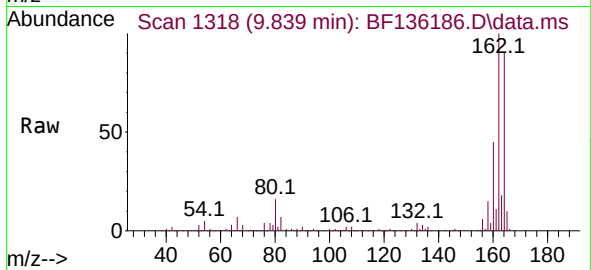




#51
2,6-Dinitrotoluene
Concen: 8.059 ng
RT: 9.839 min Scan# 11
Delta R.T. 0.206 min
Lab File: BF136186.D
Acq: 24 Nov 2023 18:41

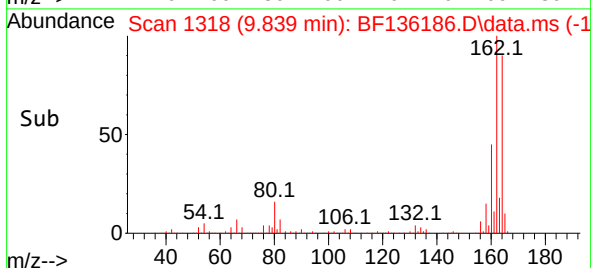
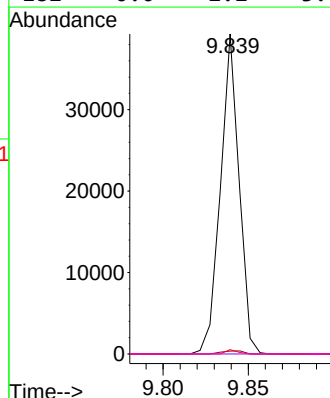
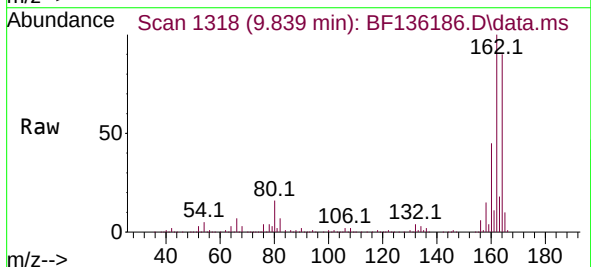
Instrument :
BNA_F
ClientSampleId :

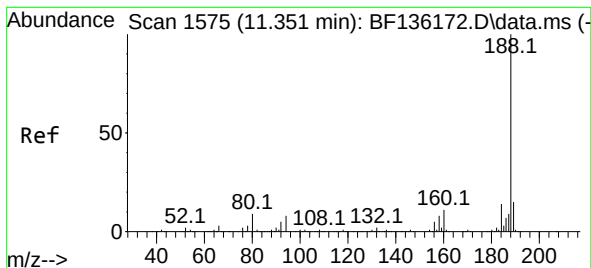
Tgt Ion:165 Resp: 29890
Ion Ratio Lower Upper
165 100
63 0.9 48.0 72.0#
89 1.3 47.2 70.8#



#57
2,4-Dinitrotoluene
Concen: 6.345 ng
RT: 9.839 min Scan# 1318
Delta R.T. -0.200 min
Lab File: BF136186.D
Acq: 24 Nov 2023 18:41

Tgt Ion:165 Resp: 29890
Ion Ratio Lower Upper
165 100
63 0.9 31.4 47.0#
89 1.3 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: BF136186.D

Acq: 24 Nov 2023 18:41

Instrument :

BNA_F

ClientSampleId :

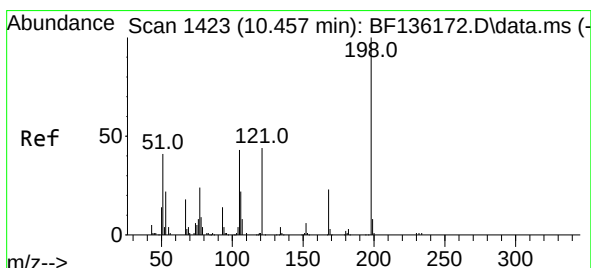
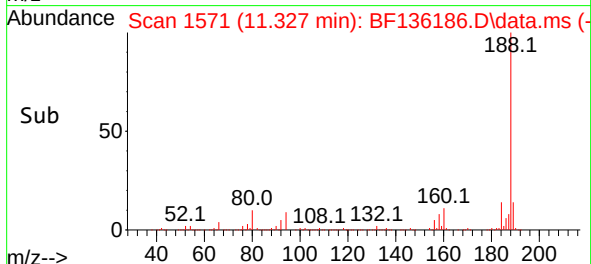
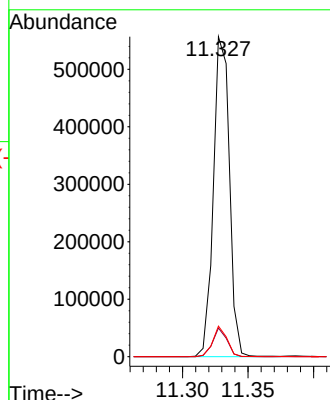
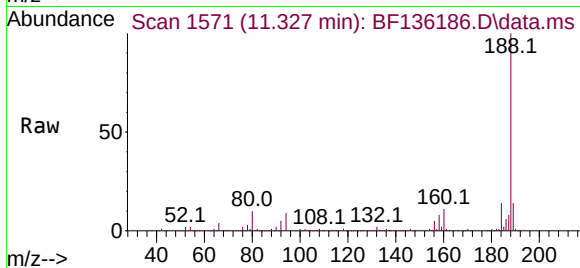
Tgt Ion:188 Resp: 472875

Ion Ratio Lower Upper

188 100

94 9.0 6.6 9.8

80 9.5 7.3 10.9



#65

4,6-Dinitro-2-methylphenol

Concen: 4.931 ng

RT: 10.627 min Scan# 1452

Delta R.T. 0.182 min

Lab File: BF136186.D

Acq: 24 Nov 2023 18:41

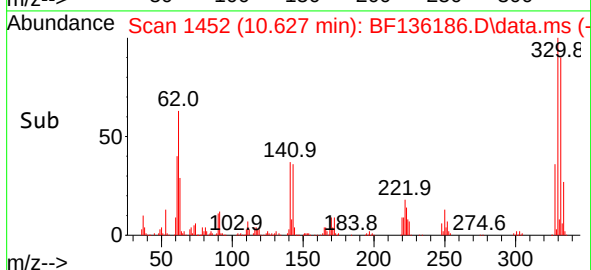
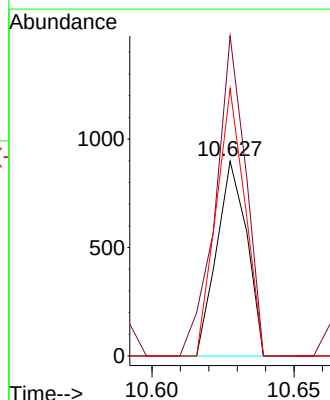
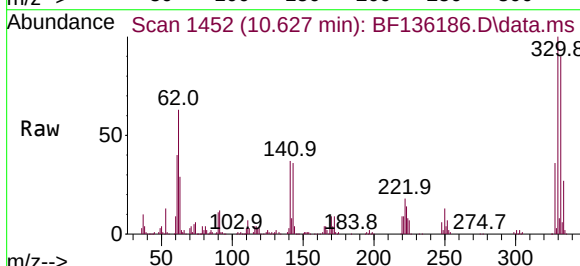
Tgt Ion:198 Resp: 660

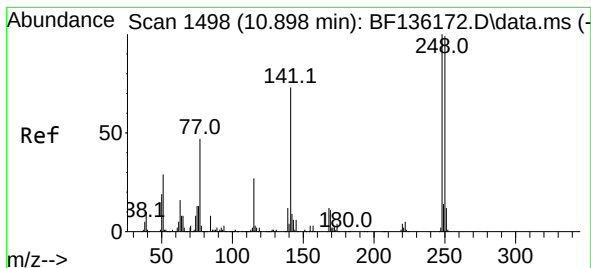
Ion Ratio Lower Upper

198 100

51 164.3 27.3 67.3#

105 137.3 24.2 64.2#

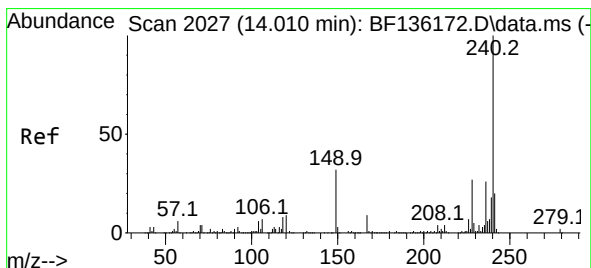
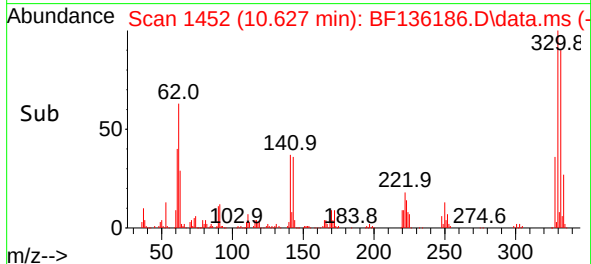
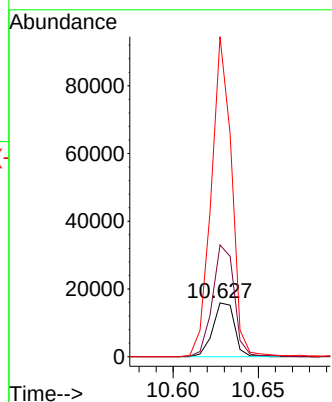
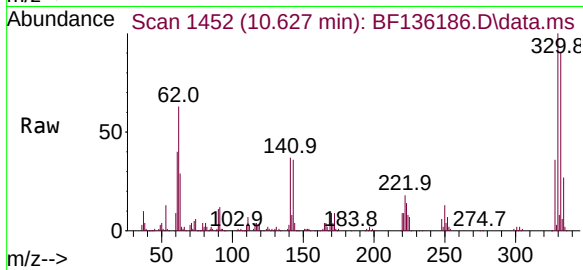




#67
4-Bromophenyl-phenylether
Concen: 2.684 ng
RT: 10.627 min Scan# 1498
Delta R.T. -0.259 min
Lab File: BF136186.D
Acq: 24 Nov 2023 18:41

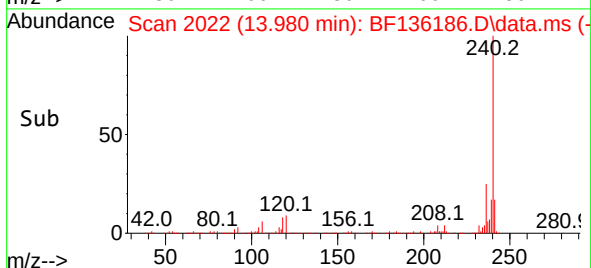
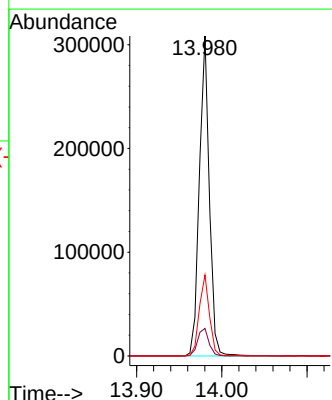
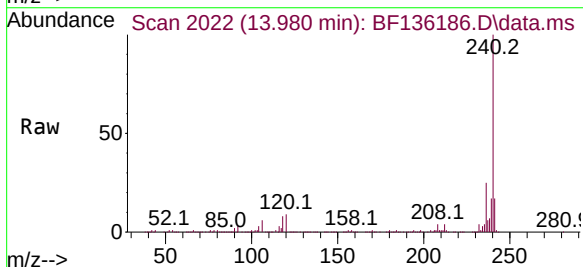
Instrument :
BNA_F
ClientSampleId :

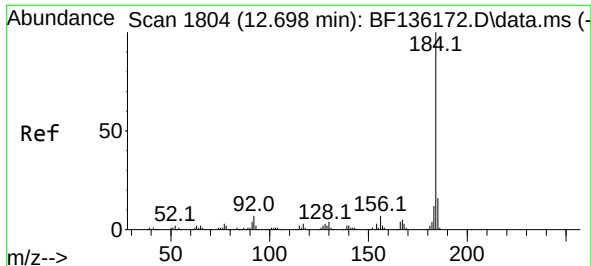
Tgt Ion:248 Resp: 14134
Ion Ratio Lower Upper
248 100
250 207.6 79.0 118.4#
141 594.7 58.8 88.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.980 min Scan# 2022
Delta R.T. -0.006 min
Lab File: BF136186.D
Acq: 24 Nov 2023 18:41

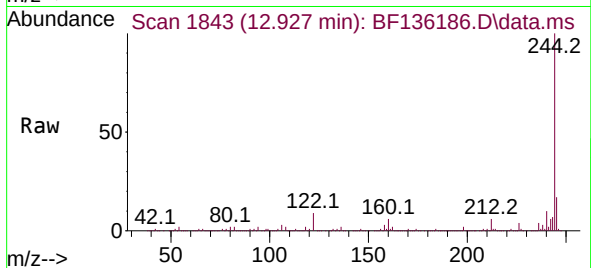
Tgt Ion:240 Resp: 251013
Ion Ratio Lower Upper
240 100
120 8.6 7.1 10.7
236 25.3 20.9 31.3



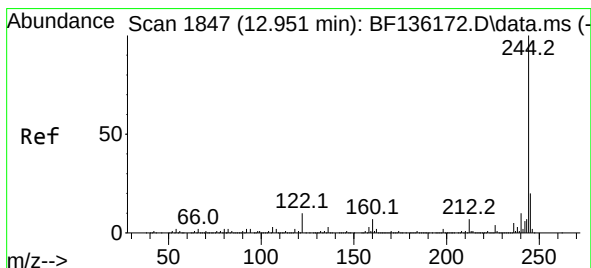
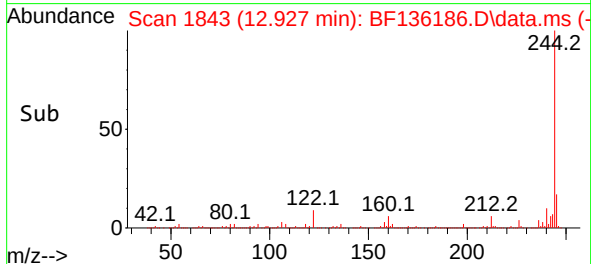
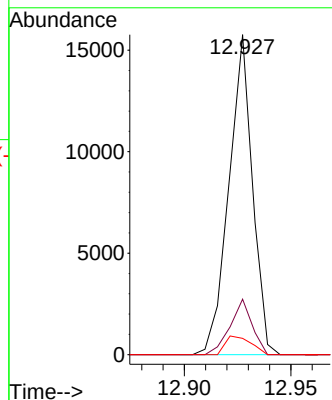


#77
Benzidine
Concen: 2.800 ng
RT: 12.927 min Scan# 1843
Delta R.T. 0.247 min
Lab File: BF136186.D
Acq: 24 Nov 2023 18:41

Instrument :
BNA_F
ClientSampleId :

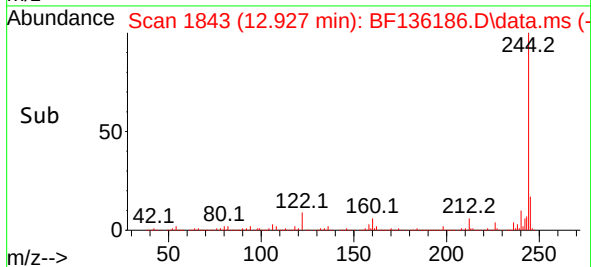
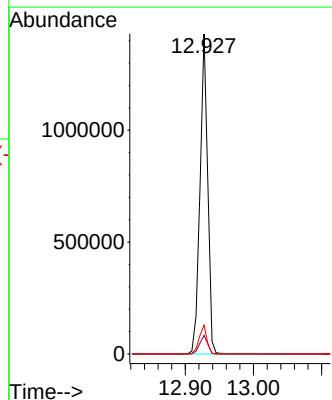
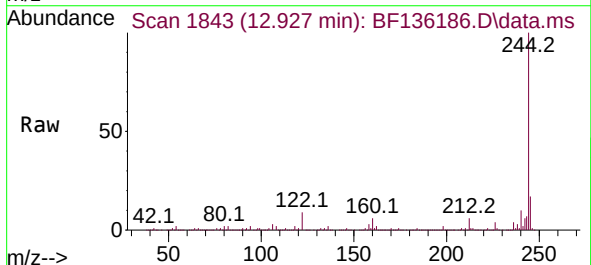


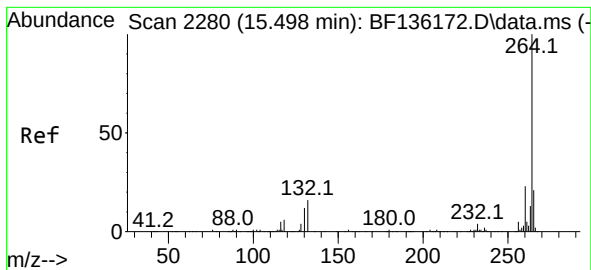
Tgt Ion:184 Resp: 12170
Ion Ratio Lower Upper
184 100
185 17.3 12.6 18.8
183 5.1 9.2 13.8#



#79
Terphenyl-d14
Concen: 63.268 ng
RT: 12.927 min Scan# 1843
Delta R.T. -0.006 min
Lab File: BF136186.D
Acq: 24 Nov 2023 18:41

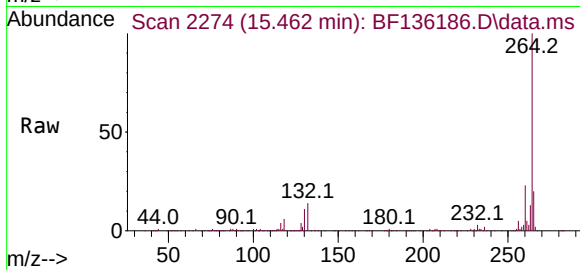
Tgt Ion:244 Resp: 1118798
Ion Ratio Lower Upper
244 100
212 5.8 5.4 8.0
122 9.0 8.1 12.1





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.462 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BF136186.D
 Acq: 24 Nov 2023 18:41

Instrument :
 BNA_F
 ClientSampleId :



Tgt Ion:264 Resp: 236629
 Ion Ratio Lower Upper
 264 100
 260 23.1 18.5 27.7
 265 20.3 16.9 25.3

