

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112423\
 Data File : BF136181.D
 Acq On : 24 Nov 2023 16:01
 Operator : CG\JU
 Sample : PB157208BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 24 23:06:53 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)

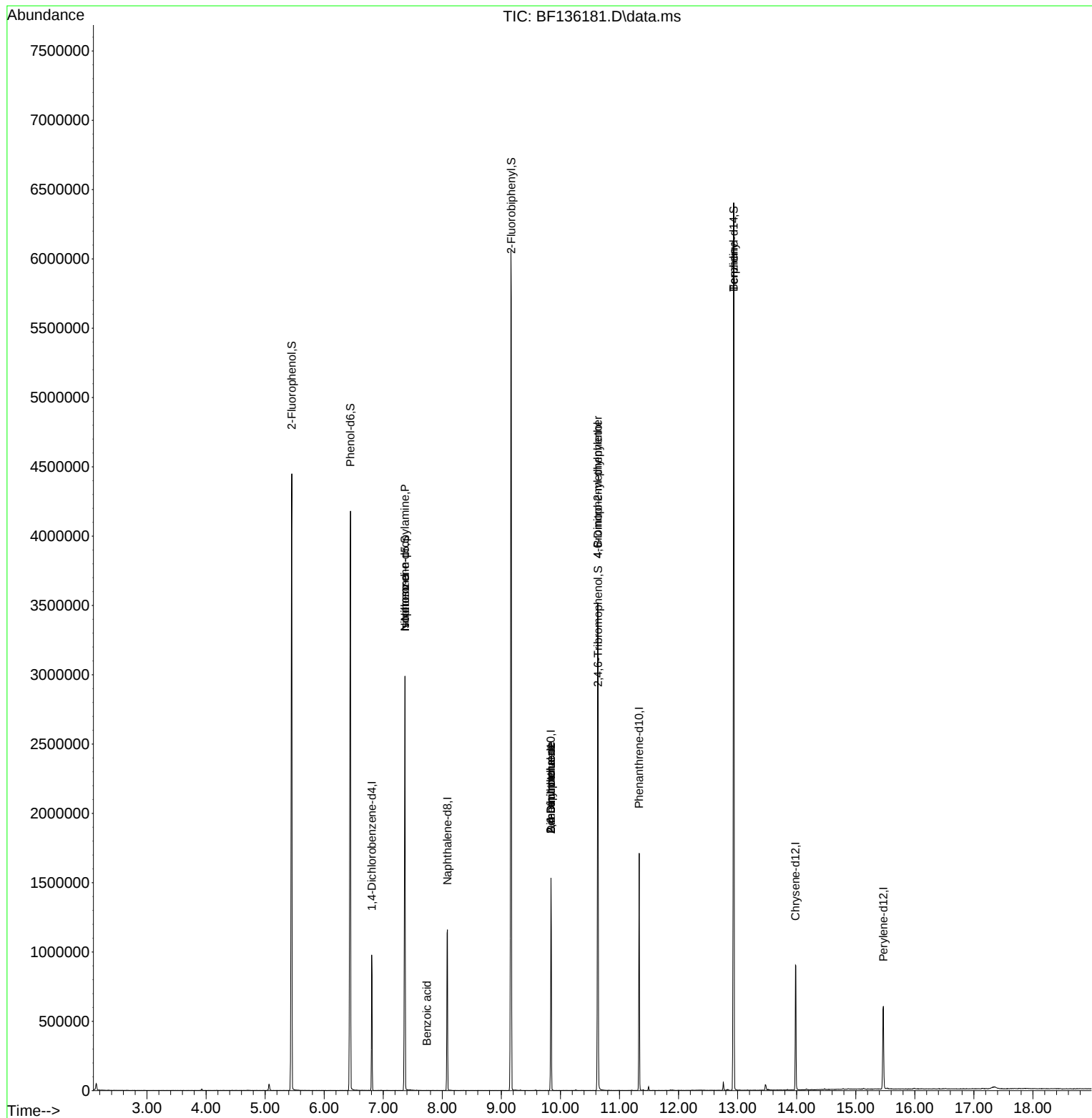
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.804	152	130855	20.000	ng	0.00
21) Naphthalene-d8	8.086	136	553619	20.000	ng	0.00
39) Acenaphthene-d10	9.839	164	284632	20.000	ng	0.00
64) Phenanthrene-d10	11.333	188	552137	20.000	ng	0.00
76) Chrysene-d12	13.980	240	318689	20.000	ng	# 0.00
86) Perylene-d12	15.468	264	277289	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.451	112	1250026	152.103	ng	0.02
7) Phenol-d6	6.445	99	1532146	151.505	ng	0.00
23) Nitrobenzene-d5	7.369	82	945457	95.299	ng	0.00
42) 2,4,6-Tribromophenol	10.639	330	448641	150.497	ng	0.00
45) 2-Fluorobiphenyl	9.169	172	2070755	107.542	ng	0.00
79) Terphenyl-d14	12.933	244	2499129	111.314	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.369	70	128327	21.983	ng	# 79
25) Isophorone	7.369	82	942172	55.030	ng	# 64
32) Benzoic acid	7.739	122	162	5.030	ng	# 25
50) Dimethylphthalate	9.839	163	55675	2.895	ng	# 1
51) 2,6-Dinitrotoluene	9.839	165	32254	7.729	ng	# 23
57) 2,4-Dinitrotoluene	9.839	165	32254	6.086	ng	# 29
65) 4,6-Dinitro-2-methylph...	10.633	198	899	4.967	ng	# 1
67) 4-Bromophenyl-phenylether	10.633	248	26369	4.288	ng	# 1
77) Benzidine	12.933	184	26857	4.867	ng	# 93

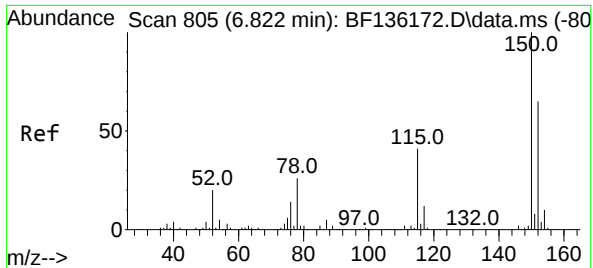
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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BNA_F
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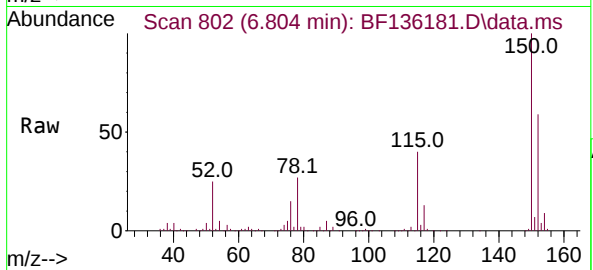
Quant Time: Nov 24 23:06:53 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110723.M
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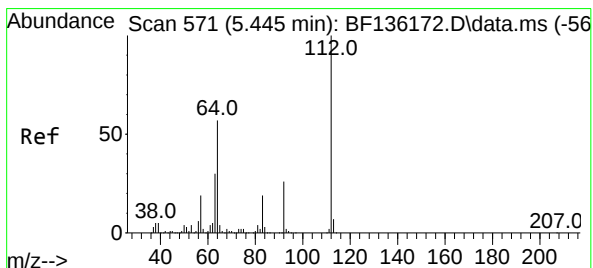
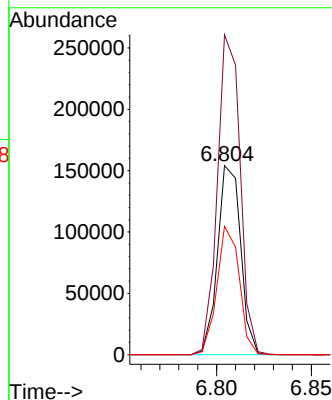
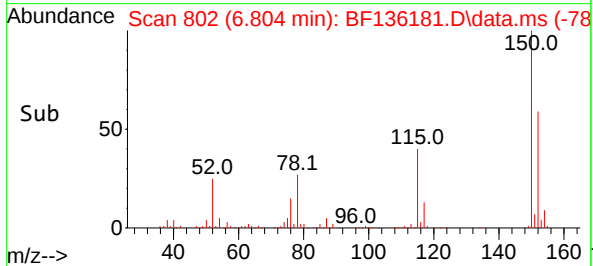


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.804 min Scan# 805
Delta R.T. -0.006 min
Lab File: BF136181.D
Acq: 24 Nov 2023 16:01

Instrument :
BNA_F
ClientSampleId :

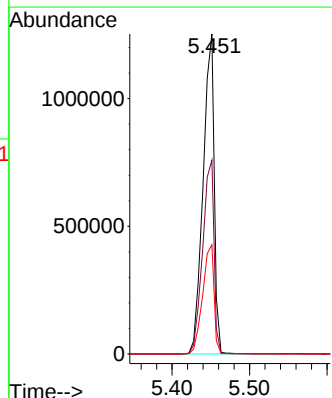
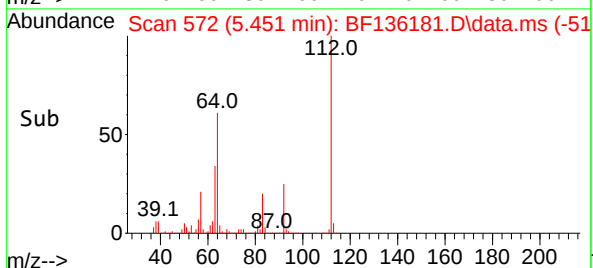
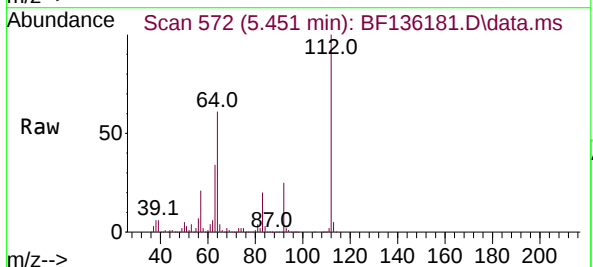


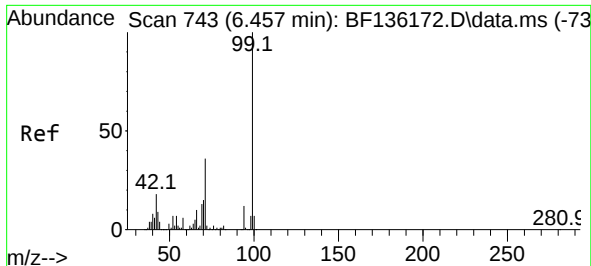
Tgt Ion:152 Resp: 130855
Ion Ratio Lower Upper
152 100
150 169.1 123.1 184.7
115 67.9 50.5 75.7



#5
2-Fluorophenol
Concen: 152.103 ng
RT: 5.451 min Scan# 572
Delta R.T. 0.017 min
Lab File: BF136181.D
Acq: 24 Nov 2023 16:01

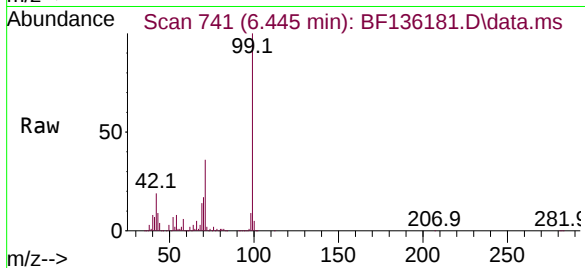
Tgt Ion:112 Resp: 1250026
Ion Ratio Lower Upper
112 100
64 60.6 45.4 68.0
63 34.1 24.4 36.6





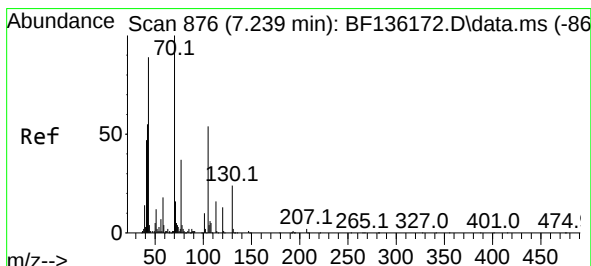
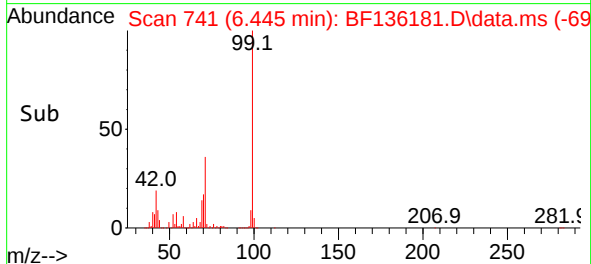
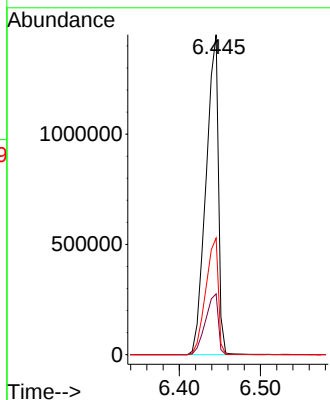
#7
Phenol-d6
Concen: 151.505 ng
RT: 6.445 min Scan# 741
Delta R.T. -0.000 min
Lab File: BF136181.D
Acq: 24 Nov 2023 16:01

Instrument :
BNA_F
ClientSampleId :



Tgt Ion: 99 Resp: 1532146

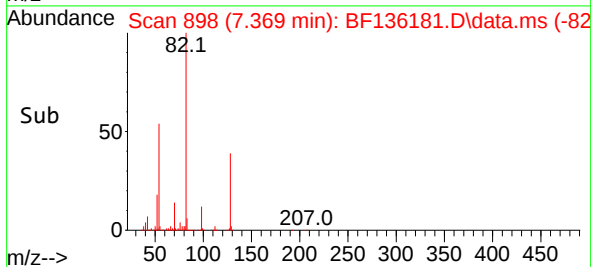
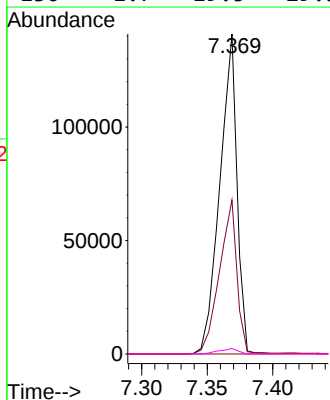
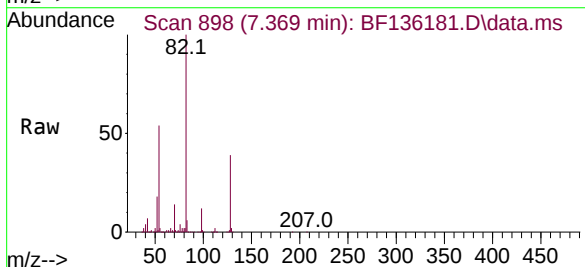
Ion	Ratio	Lower	Upper
99	100		
42	19.0	14.1	21.1
71	36.5	29.0	43.4

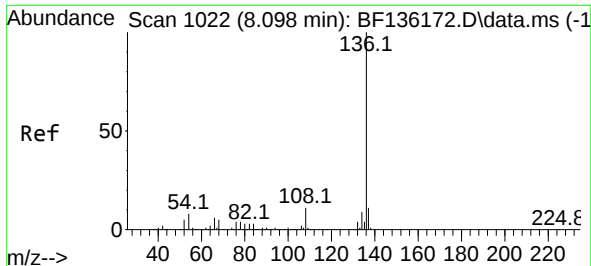


#19
n-Nitroso-di-n-propylamine
Concen: 21.983 ng
RT: 7.369 min Scan# 898
Delta R.T. 0.147 min
Lab File: BF136181.D
Acq: 24 Nov 2023 16:01

Tgt Ion: 70 Resp: 128327

Ion	Ratio	Lower	Upper
70	100		
42	48.2	43.9	65.9
101	0.0	8.1	12.1#
130	1.7	19.5	29.3#

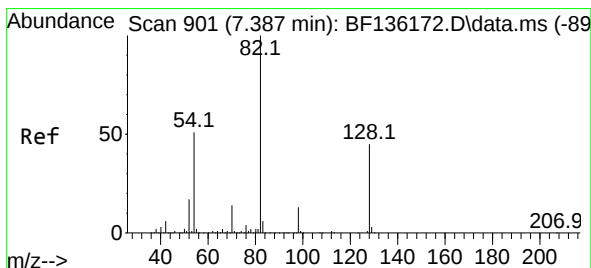
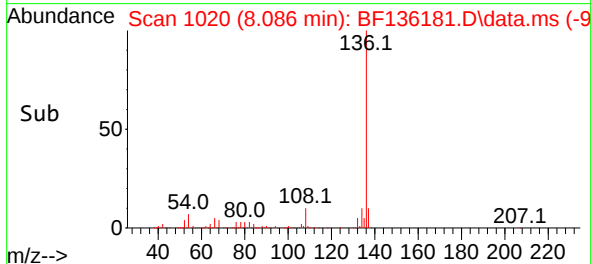
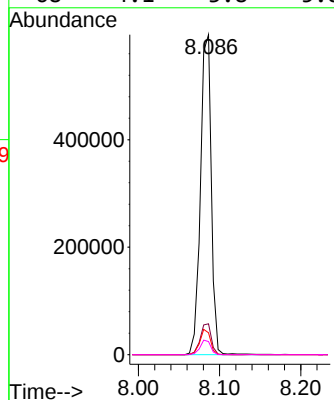
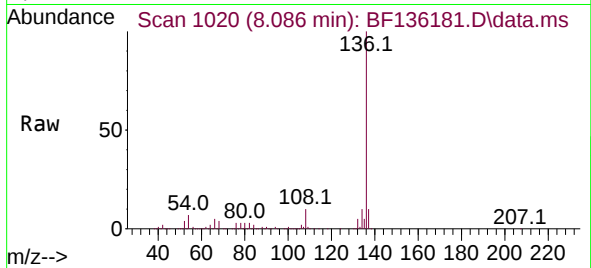




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.086 min Scan# 1020
Delta R.T. -0.000 min
Lab File: BF136181.D
Acq: 24 Nov 2023 16:01

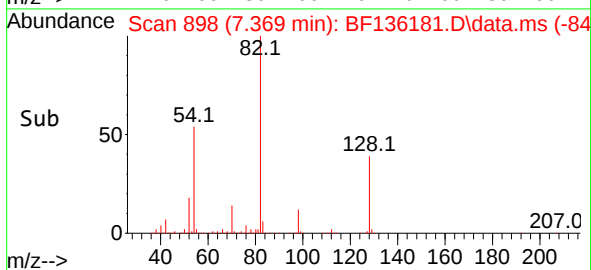
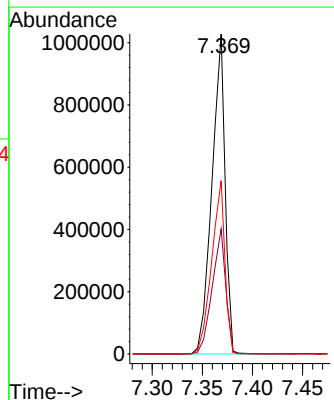
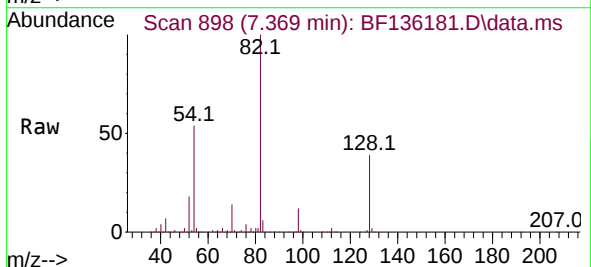
Instrument :
BNA_F
ClientSampleId :

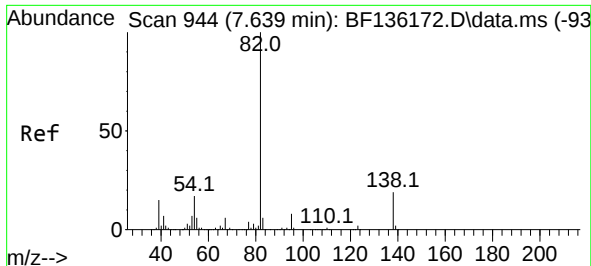
Tgt Ion:136 Resp: 553619
Ion Ratio Lower Upper
136 100
137 9.6 8.6 13.0
54 6.9 6.3 9.5
68 4.1 3.8 5.8



#23
Nitrobenzene-d5
Concen: 95.299 ng
RT: 7.369 min Scan# 898
Delta R.T. -0.006 min
Lab File: BF136181.D
Acq: 24 Nov 2023 16:01

Tgt Ion: 82 Resp: 945457
Ion Ratio Lower Upper
82 100
128 39.1 35.8 53.6
54 54.2 40.6 60.8

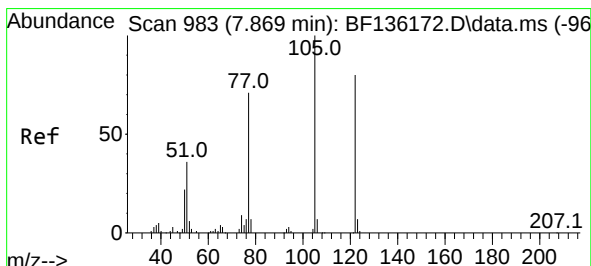
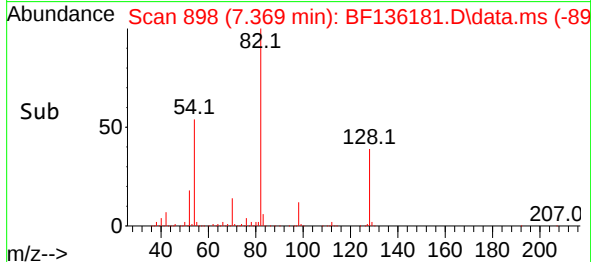
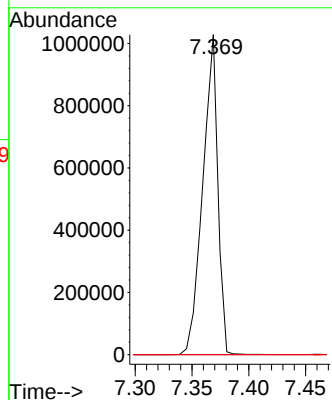
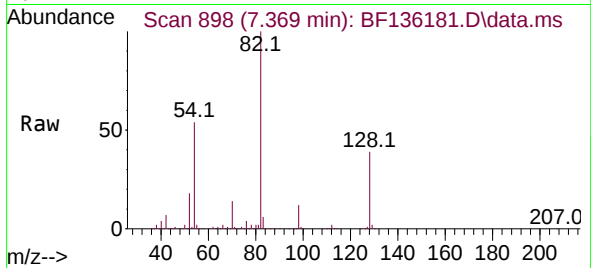




#25
Isophorone
Concen: 55.030 ng
RT: 7.369 min Scan# 89
Delta R.T. -0.259 min
Lab File: BF136181.D
Acq: 24 Nov 2023 16:01

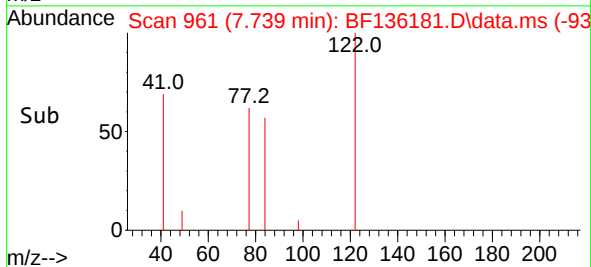
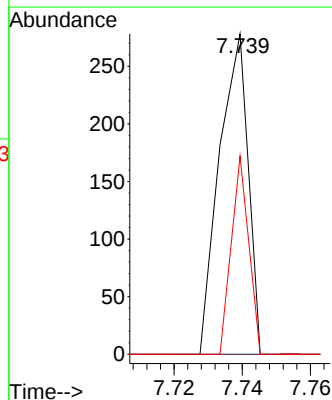
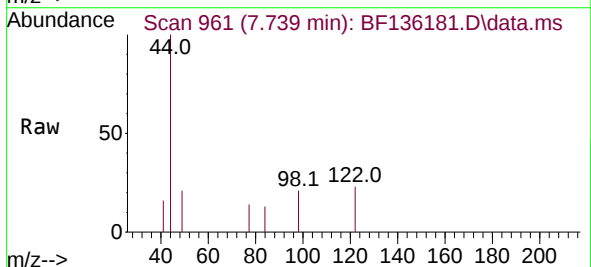
Instrument :
BNA_F
ClientSampleId :

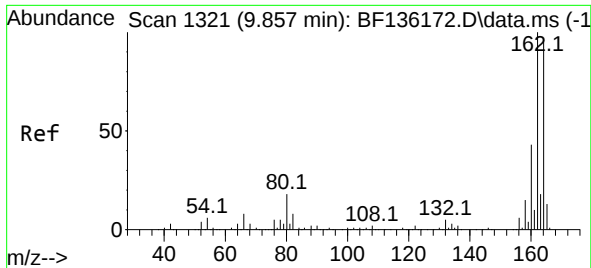
Tgt Ion: 82 Resp: 942172
Ion Ratio Lower Upper
82 100
95 0.0 6.2 9.4#
138 0.0 14.8 22.2#



#32
Benzoic acid
Concen: 5.030 ng
RT: 7.739 min Scan# 961
Delta R.T. -0.118 min
Lab File: BF136181.D
Acq: 24 Nov 2023 16:01

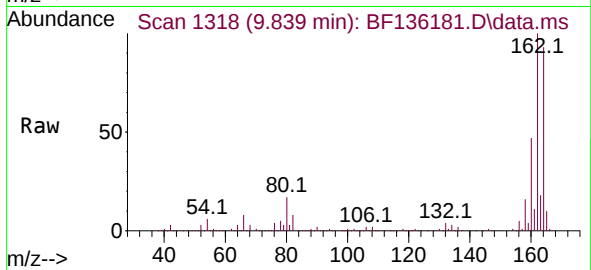
Tgt Ion:122 Resp: 162
Ion Ratio Lower Upper
122 100
105 0.0 102.5 142.5#
77 61.9 68.1 108.1#



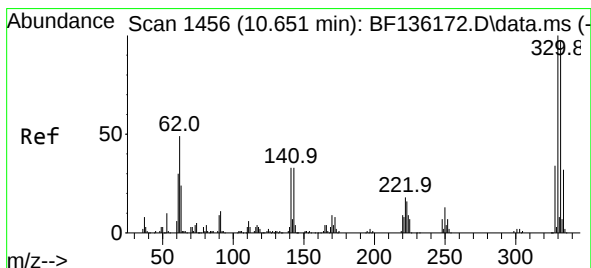
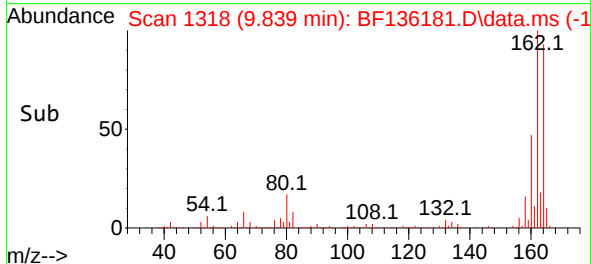
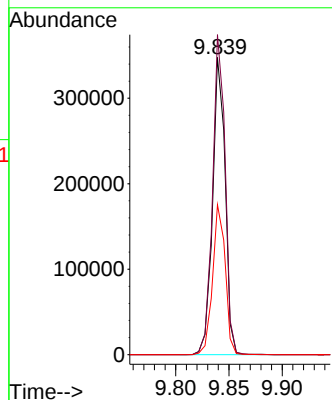


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.839 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF136181.D
Acq: 24 Nov 2023 16:01

Instrument :
BNA_F
ClientSampleId :

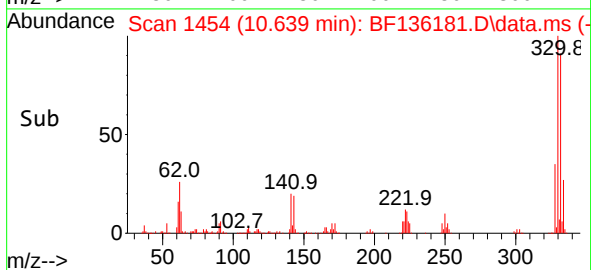
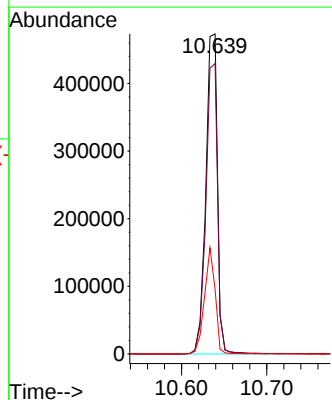
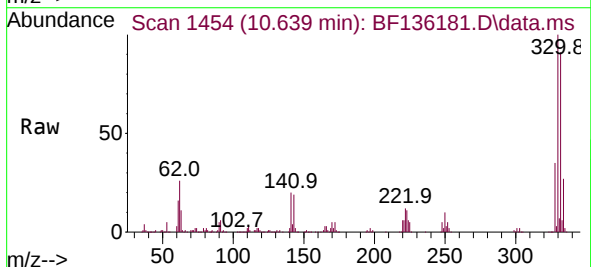


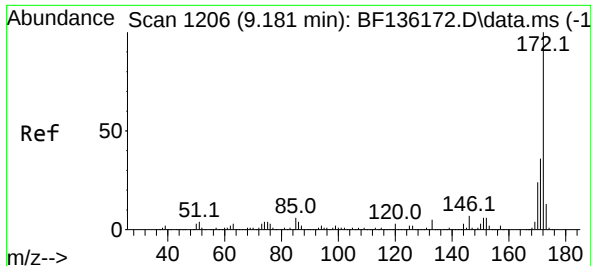
Tgt Ion:164 Resp: 284632
Ion Ratio Lower Upper
164 100
162 107.7 83.2 124.8
160 50.5 35.8 53.8



#42
2,4,6-Tribromophenol
Concen: 150.497 ng
RT: 10.639 min Scan# 1454
Delta R.T. -0.000 min
Lab File: BF136181.D
Acq: 24 Nov 2023 16:01

Tgt Ion:330 Resp: 448641
Ion Ratio Lower Upper
330 100
332 91.0 77.6 116.4
141 30.5 25.8 38.6





#45

2-Fluorobiphenyl

Concen: 107.542 ng

RT: 9.169 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF136181.D

Acq: 24 Nov 2023 16:01

Instrument :

BNA_F

ClientSampleId :

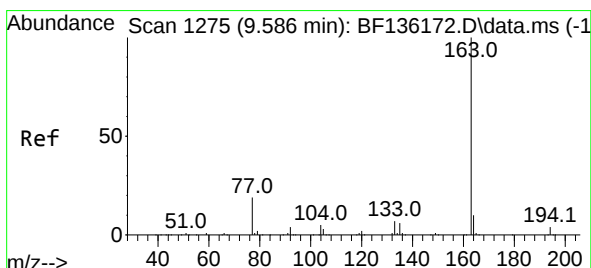
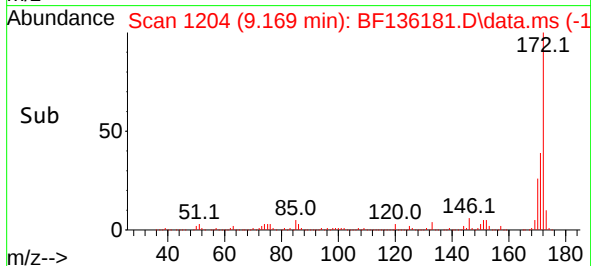
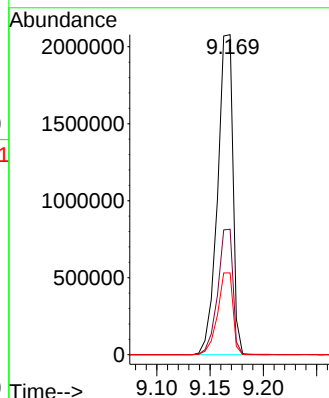
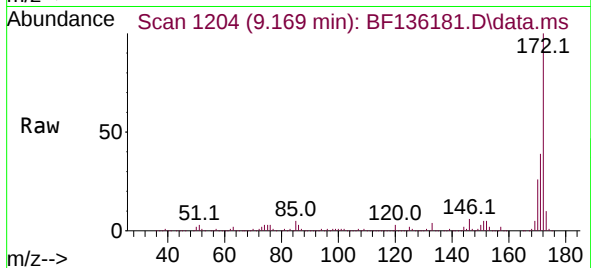
Tgt Ion:172 Resp: 2070755

Ion Ratio Lower Upper

172 100

171 39.2 28.9 43.3

170 25.6 19.1 28.7



#50

Dimethylphthalate

Concen: 2.895 ng

RT: 9.839 min Scan# 1318

Delta R.T. 0.264 min

Lab File: BF136181.D

Acq: 24 Nov 2023 16:01

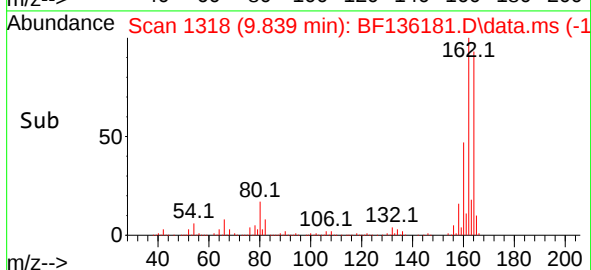
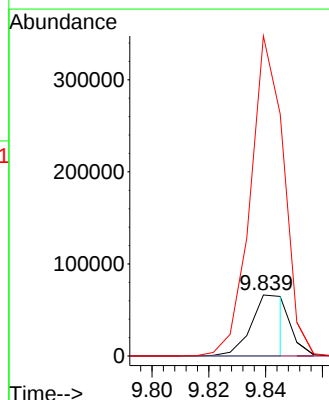
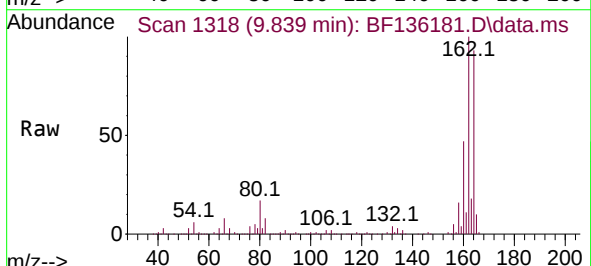
Tgt Ion:163 Resp: 55675

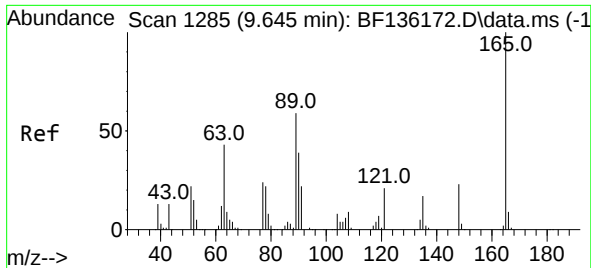
Ion Ratio Lower Upper

163 100

194 0.0 3.0 4.4#

164 524.7 7.8 11.8#

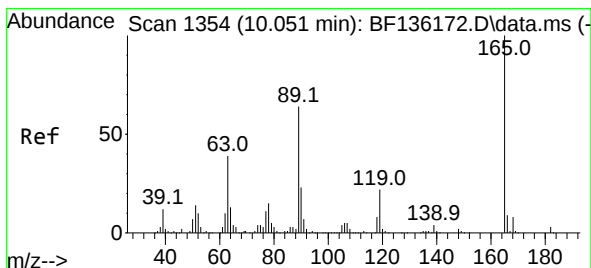
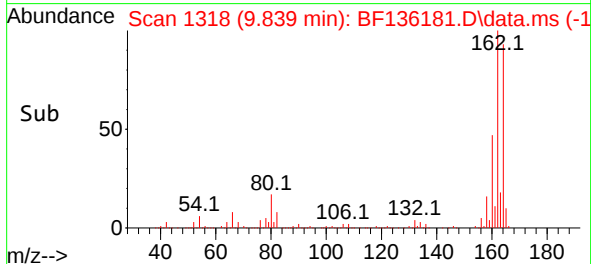
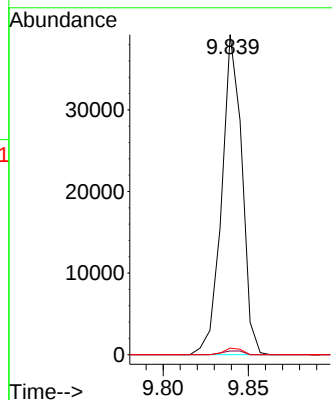
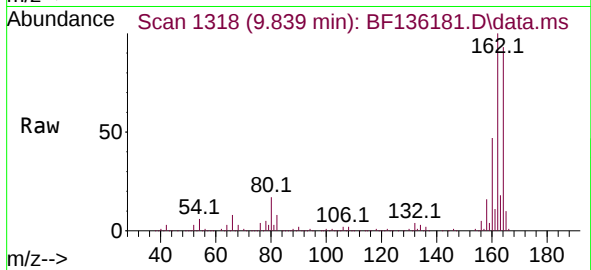




#51
2,6-Dinitrotoluene
Concen: 7.729 ng
RT: 9.839 min Scan# 11
Delta R.T. 0.206 min
Lab File: BF136181.D
Acq: 24 Nov 2023 16:01

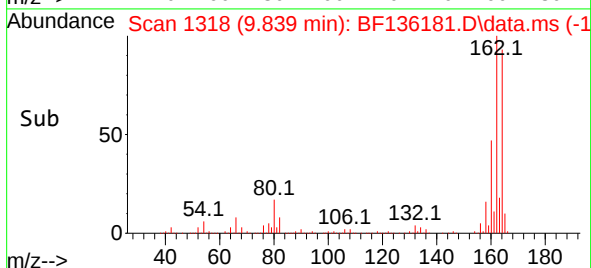
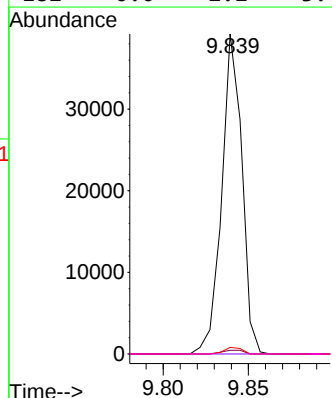
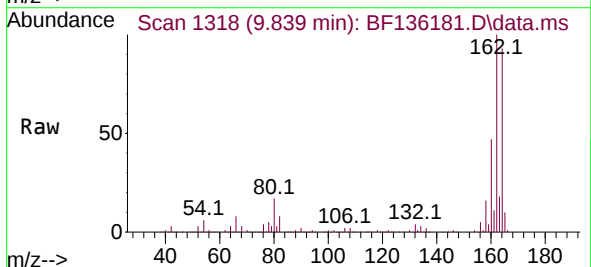
Instrument :
BNA_F
ClientSampleId :

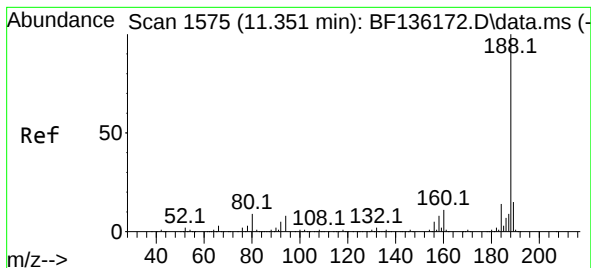
Tgt Ion:165 Resp: 32254
Ion Ratio Lower Upper
165 100
63 1.1 48.0 72.0#
89 2.1 47.2 70.8#



#57
2,4-Dinitrotoluene
Concen: 6.086 ng
RT: 9.839 min Scan# 1318
Delta R.T. -0.200 min
Lab File: BF136181.D
Acq: 24 Nov 2023 16:01

Tgt Ion:165 Resp: 32254
Ion Ratio Lower Upper
165 100
63 1.1 31.4 47.0#
89 2.1 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: BF136181.D

Acq: 24 Nov 2023 16:01

Instrument :

BNA_F

ClientSampleId :

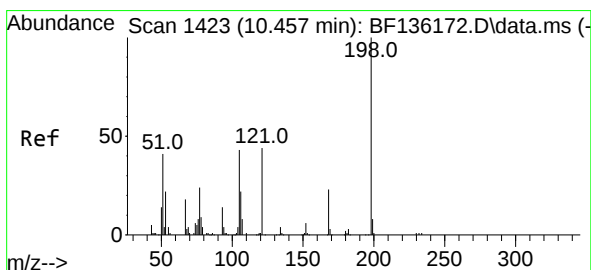
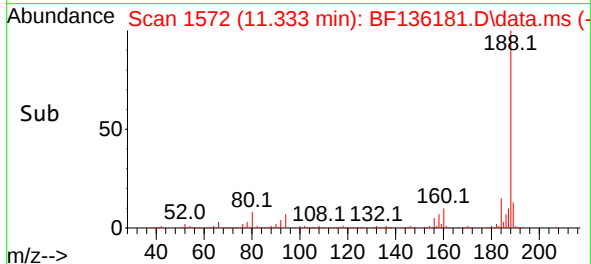
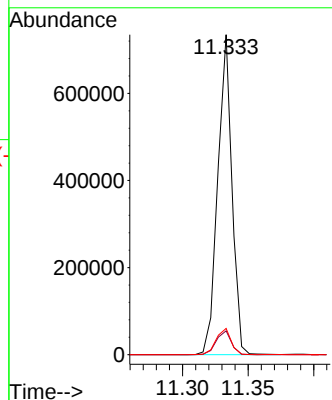
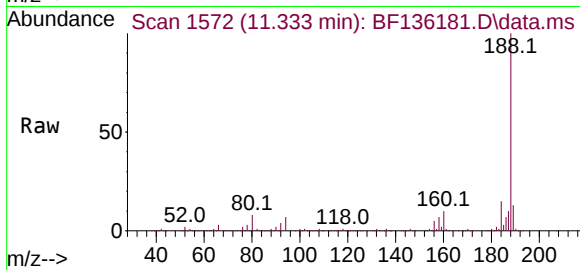
Tgt Ion:188 Resp: 552137

Ion Ratio Lower Upper

188 100

94 7.4 6.6 9.8

80 8.2 7.3 10.9



#65

4,6-Dinitro-2-methylphenol

Concen: 4.967 ng

RT: 10.633 min Scan# 1453

Delta R.T. 0.188 min

Lab File: BF136181.D

Acq: 24 Nov 2023 16:01

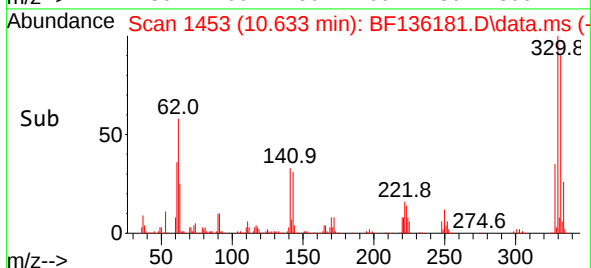
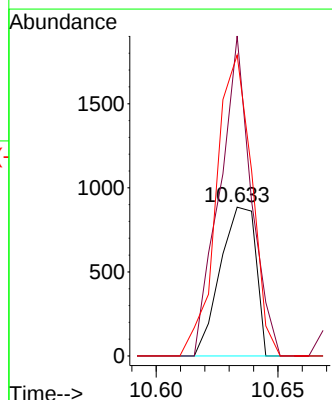
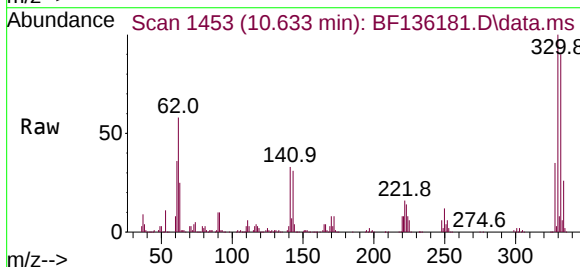
Tgt Ion:198 Resp: 899

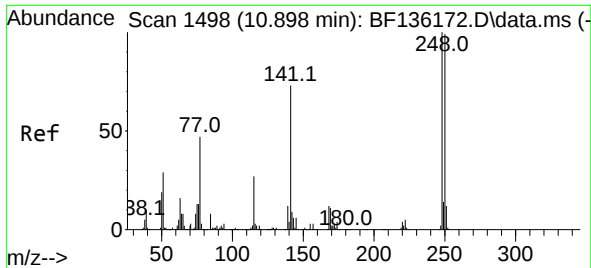
Ion Ratio Lower Upper

198 100

51 215.0 27.3 67.3#

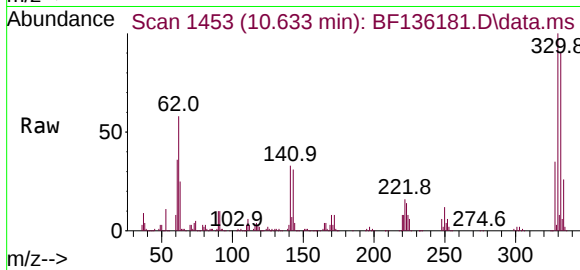
105 202.3 24.2 64.2#



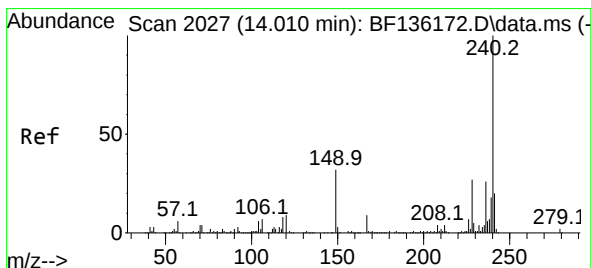
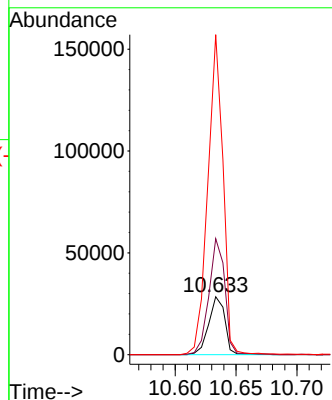
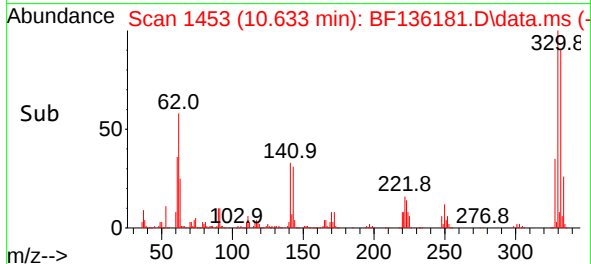


#67
4-Bromophenyl-phenylether
Concen: 4.288 ng
RT: 10.633 min Scan# 1498
Delta R.T. -0.253 min
Lab File: BF136181.D
Acq: 24 Nov 2023 16:01

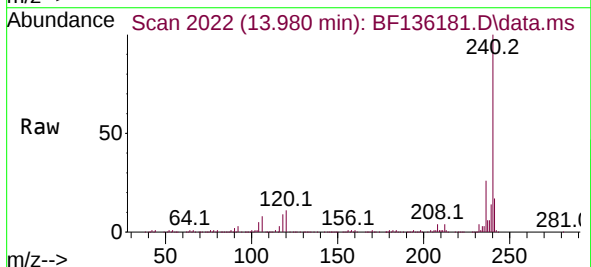
Instrument :
BNA_F
ClientSampleId :



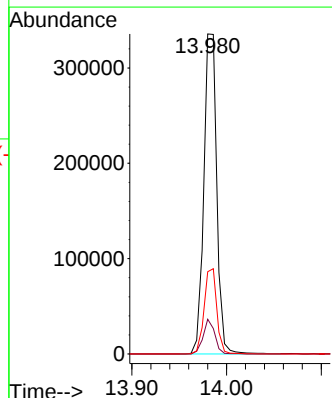
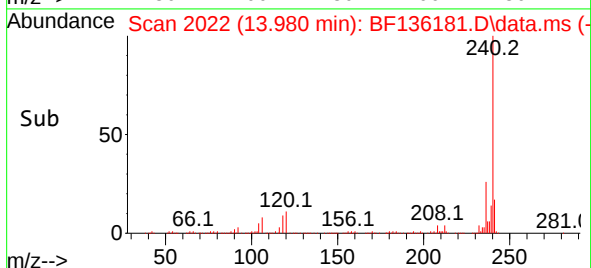
Tgt Ion:248 Resp: 26369
Ion Ratio Lower Upper
248 100
250 200.6 79.0 118.4#
141 553.1 58.8 88.2#

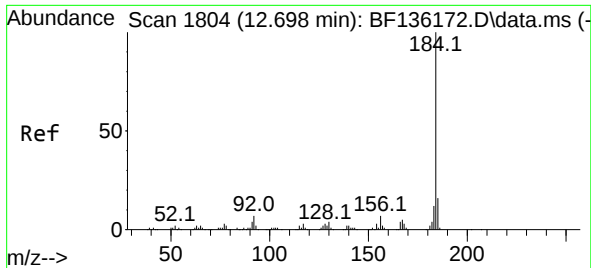


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.980 min Scan# 2022
Delta R.T. -0.006 min
Lab File: BF136181.D
Acq: 24 Nov 2023 16:01



Tgt Ion:240 Resp: 318689
Ion Ratio Lower Upper
240 100
120 10.8 7.1 10.7#
236 25.7 20.9 31.3

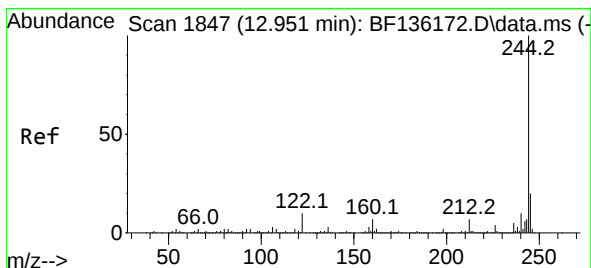
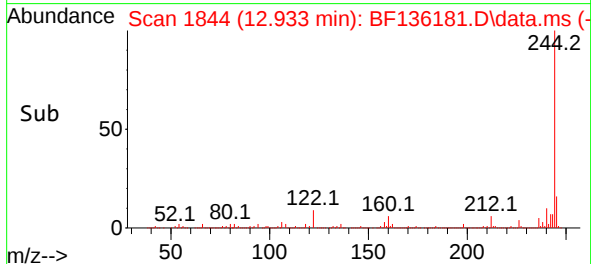
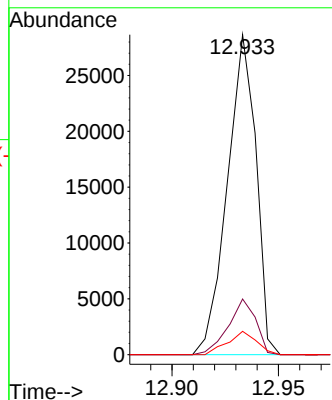
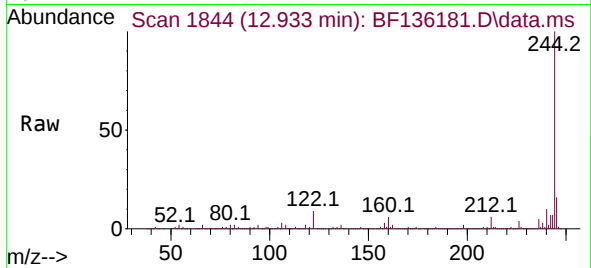




#77
Benzidine
Concen: 4.867 ng
RT: 12.933 min Scan# 1844
Delta R.T. 0.253 min
Lab File: BF136181.D
Acq: 24 Nov 2023 16:01

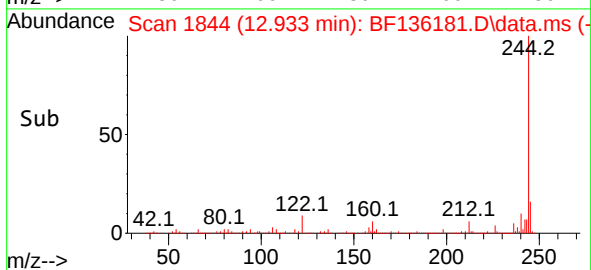
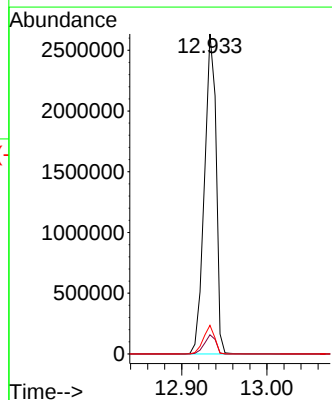
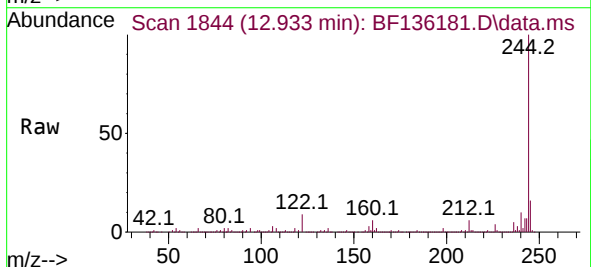
Instrument :
BNA_F
ClientSampleId :

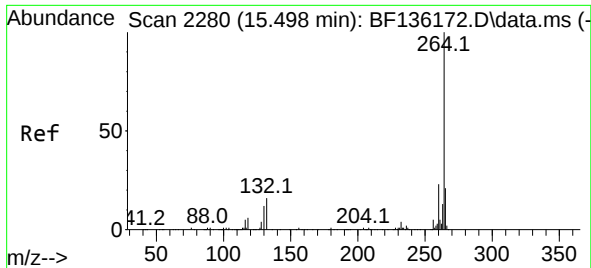
Tgt Ion:184 Resp: 26857
Ion Ratio Lower Upper
184 100
185 17.4 12.6 18.8
183 7.3 9.2 13.8#



#79
Terphenyl-d14
Concen: 111.314 ng
RT: 12.933 min Scan# 1844
Delta R.T. -0.000 min
Lab File: BF136181.D
Acq: 24 Nov 2023 16:01

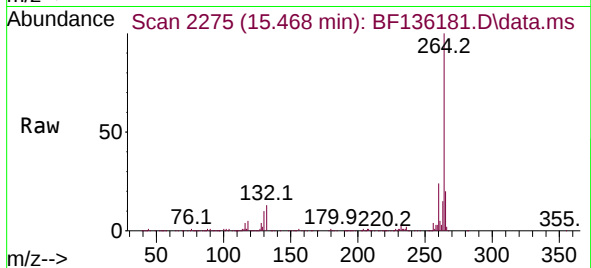
Tgt Ion:244 Resp: 2499129
Ion Ratio Lower Upper
244 100
212 6.0 5.4 8.0
122 8.9 8.1 12.1





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.468 min Scan# 21
Delta R.T. -0.000 min
Lab File: BF136181.D
Acq: 24 Nov 2023 16:01

Instrument :
BNA_F
ClientSampleId :



Tgt Ion:264 Resp: 277289
Ion Ratio Lower Upper
264 100
260 24.1 18.5 27.7
265 20.0 16.9 25.3

