

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110223\
 Data File : BF136105.D
 Acq On : 02 Nov 2023 20:02
 Operator : CG\JU
 Sample : 05049-04
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B5

Quant Time: Nov 02 23:05:38 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF103023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 31 01:13:02 2023
 Response via : Initial Calibration

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

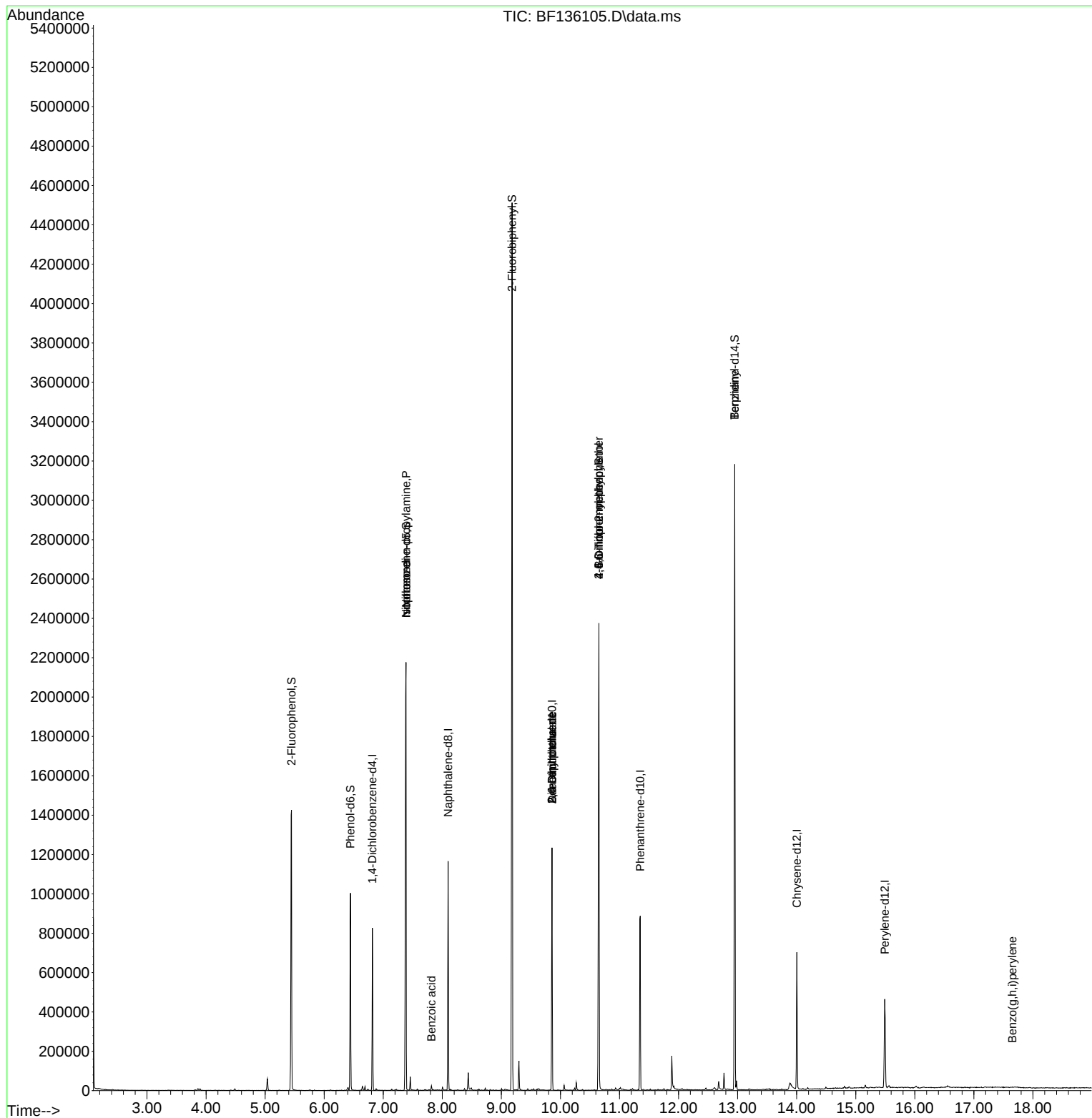
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.816	152	111731	20.000	ng	-0.01
21) Naphthalene-d8	8.098	136	436915	20.000	ng	0.00
39) Acenaphthene-d10	9.857	164	215642	20.000	ng	0.00
64) Phenanthrene-d10	11.351	188	342328	20.000	ng	0.00
76) Chrysene-d12	14.004	240	214643	20.000	ng	-0.01
86) Perylene-d12	15.492	264	206166	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.445	112	405949	57.094	ng	0.00
7) Phenol-d6	6.445	99	307578	34.719	ng	-0.01
23) Nitrobenzene-d5	7.386	82	734728	101.373	ng	0.00
42) 2,4,6-Tribromophenol	10.651	330	291576	126.678	ng	0.00
45) 2-Fluorobiphenyl	9.180	172	1322086	97.733	ng	0.00
79) Terphenyl-d14	12.951	244	1094552	79.246	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.386	70	98335	19.427	ng	# 75
25) Isophorone	7.386	82	734717	53.696	ng	# 64
32) Benzoic acid	7.816	122	152	5.141	ng	95
50) Dimethylphthalate	9.857	163	44220	3.109	ng	# 1
51) 2,6-Dinitrotoluene	9.857	165	27801	9.138	ng	# 28
57) 2,4-Dinitrotoluene	9.857	165	27801	7.223	ng	# 25
65) 4,6-Dinitro-2-methylph...	10.651	198	596	6.069	ng	# 1
67) 4-Bromophenyl-phenylether	10.651	248	18801	5.238	ng	# 1
77) Benzidine	12.951	184	13490	3.225	ng	# 90
92) Benzo(g,h,i)perylene	17.650	276	61	2.899	ng	# 53

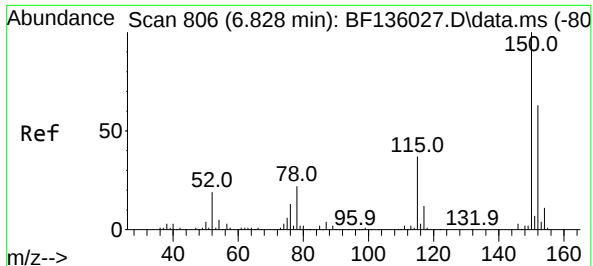
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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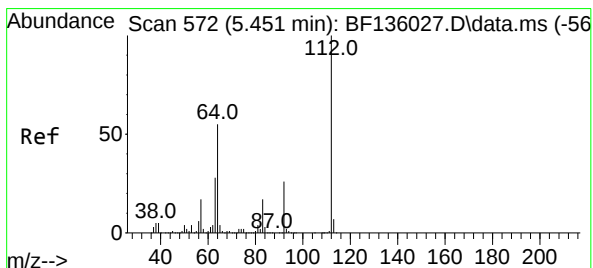
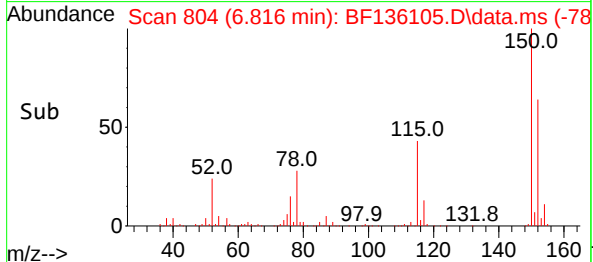
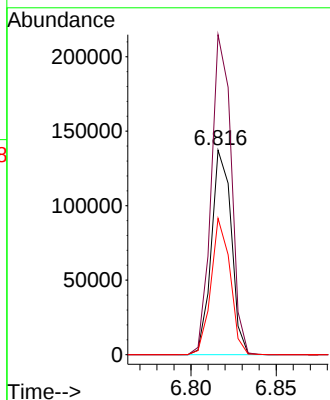
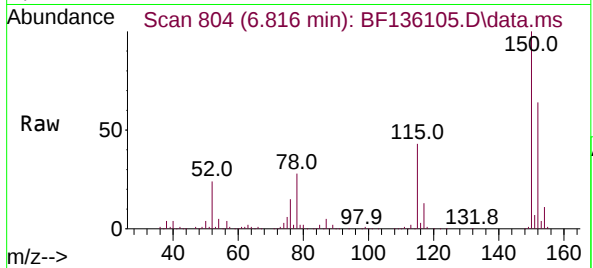




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.816 min Scan# 806
Delta R.T. -0.012 min
Lab File: BF136105.D
Acq: 02 Nov 2023 20:02

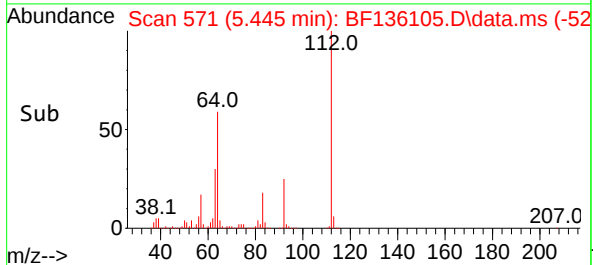
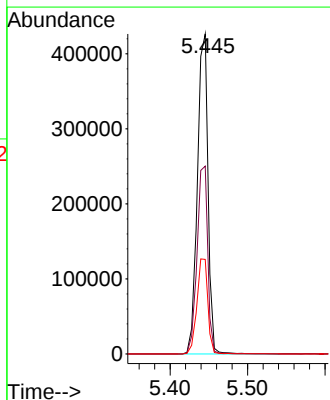
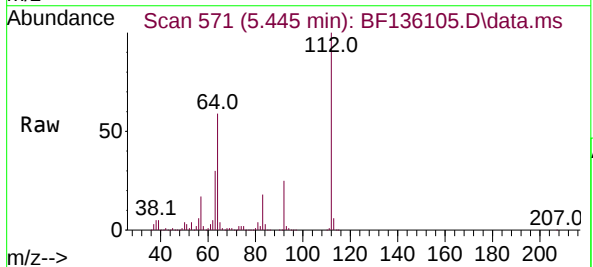
Instrument :
BNA_F
ClientSampleId :
B5

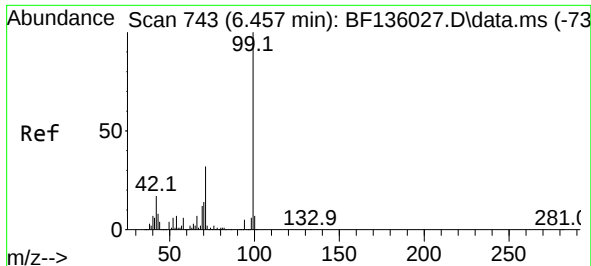
Tgt Ion:152 Resp: 111731
Ion Ratio Lower Upper
152 100
150 156.5 126.4 189.6
115 66.7 47.0 70.4



#5
2-Fluorophenol
Concen: 57.094 ng
RT: 5.445 min Scan# 571
Delta R.T. -0.006 min
Lab File: BF136105.D
Acq: 02 Nov 2023 20:02

Tgt Ion:112 Resp: 405949
Ion Ratio Lower Upper
112 100
64 58.7 43.9 65.9
63 29.6 22.4 33.6

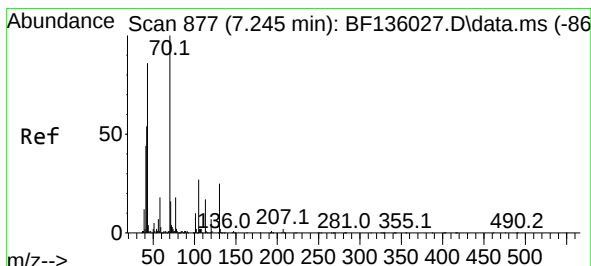
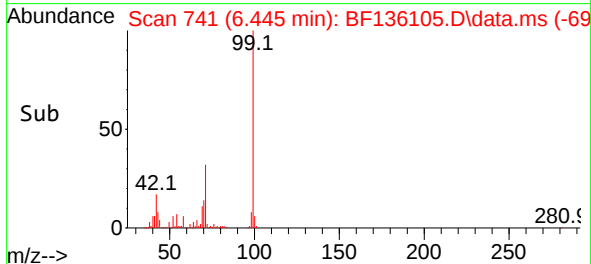
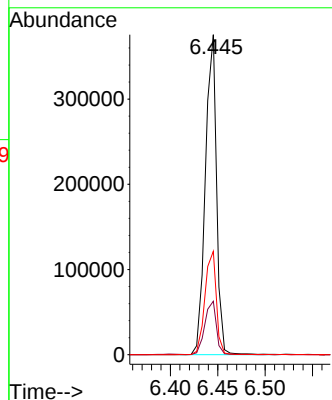
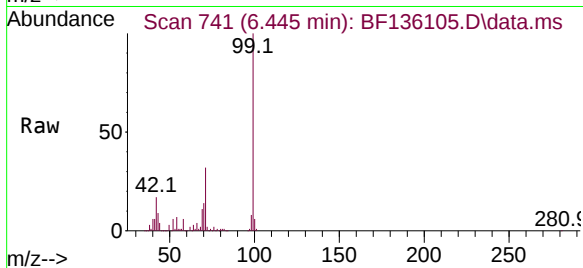




#7
Phenol-d6
Concen: 34.719 ng
RT: 6.445 min Scan# 743
Delta R.T. -0.012 min
Lab File: BF136105.D
Acq: 02 Nov 2023 20:02

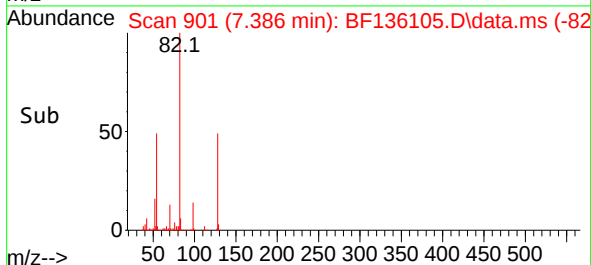
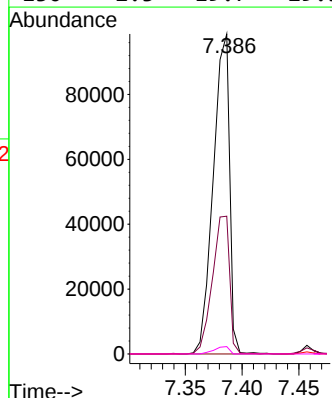
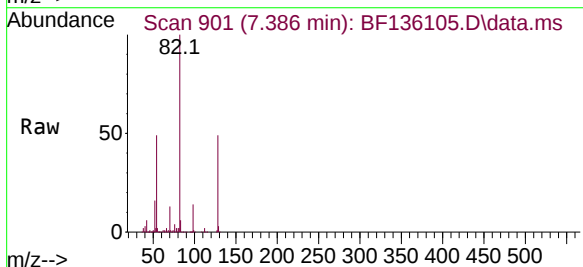
Instrument :
BNA_F
ClientSampleId :
B5

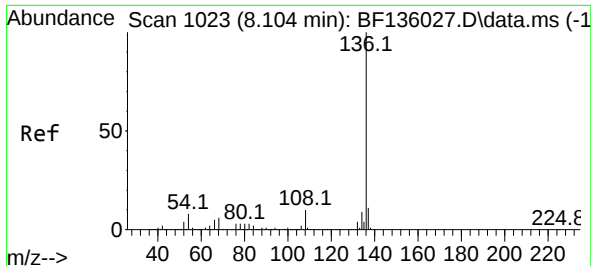
Tgt Ion: 99 Resp: 307578
Ion Ratio Lower Upper
99 100
42 16.7 13.7 20.5
71 32.3 25.9 38.9



#19
n-Nitroso-di-n-propylamine
Concen: 19.427 ng
RT: 7.386 min Scan# 901
Delta R.T. 0.141 min
Lab File: BF136105.D
Acq: 02 Nov 2023 20:02

Tgt Ion: 70 Resp: 98335
Ion Ratio Lower Upper
70 100
42 43.0 43.0 64.4
101 0.0 8.0 12.0#
130 2.3 19.7 29.5#



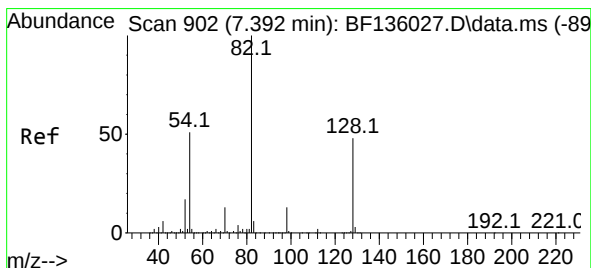
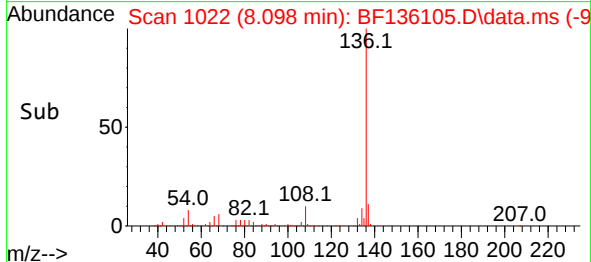
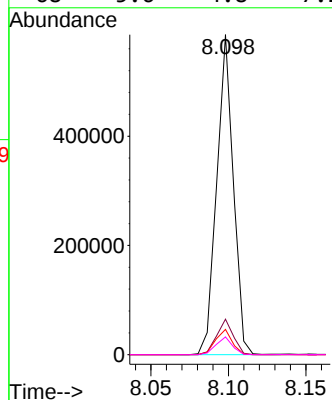
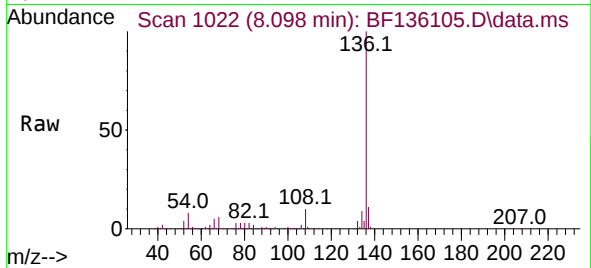


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.098 min Scan# 1023
Delta R.T. -0.006 min
Lab File: BF136105.D
Acq: 02 Nov 2023 20:02

Instrument :
BNA_F
ClientSampleId :
B5

Tgt Ion:136 Resp: 436915

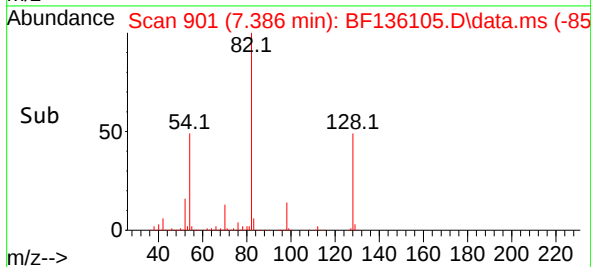
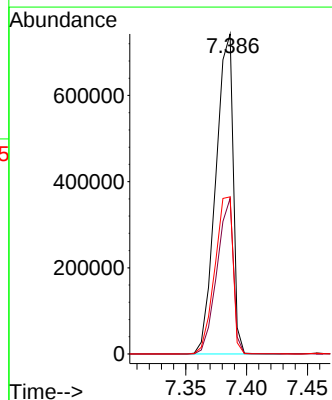
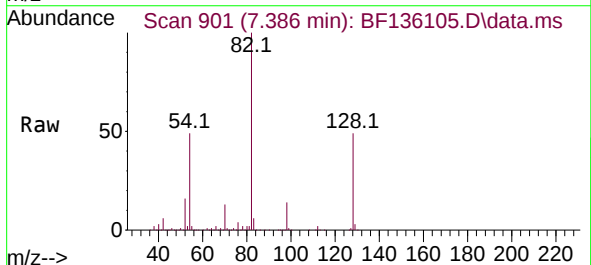
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.6	13.0
54	7.9	6.6	9.8
68	5.6	4.8	7.2

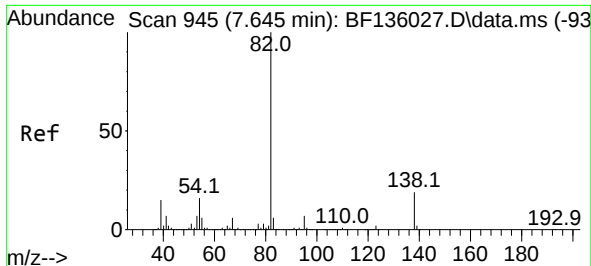


#23
Nitrobenzene-d5
Concen: 101.373 ng
RT: 7.386 min Scan# 901
Delta R.T. -0.006 min
Lab File: BF136105.D
Acq: 02 Nov 2023 20:02

Tgt Ion: 82 Resp: 734728

Ion	Ratio	Lower	Upper
82	100		
128	48.6	38.6	57.8
54	49.1	40.8	61.2

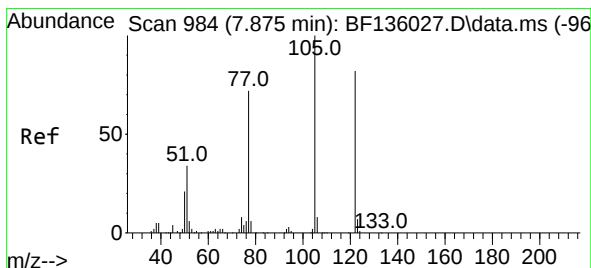
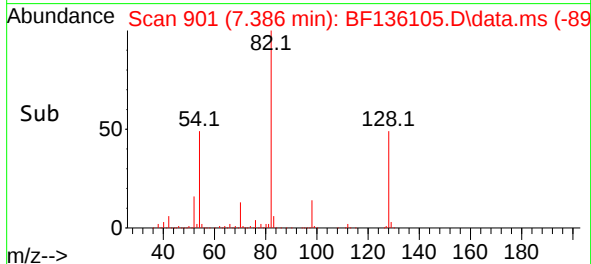
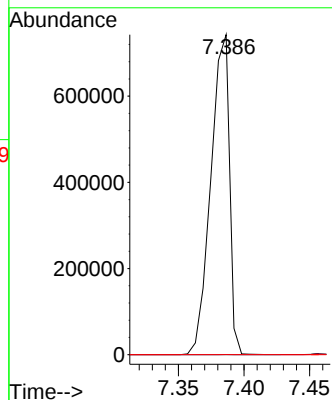
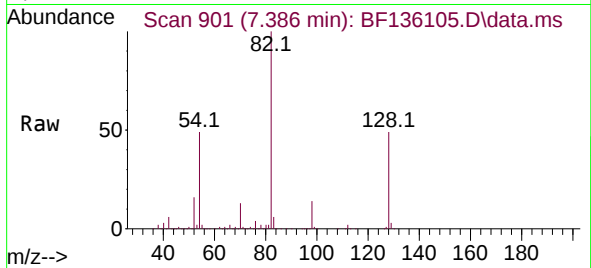




#25
Isophorone
Concen: 53.696 ng
RT: 7.386 min Scan# 901
Delta R.T. -0.259 min
Lab File: BF136105.D
Acq: 02 Nov 2023 20:02

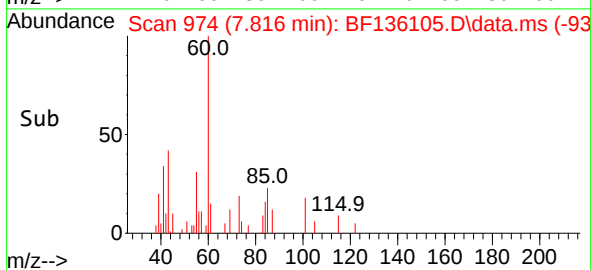
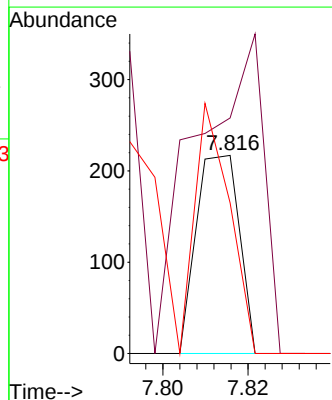
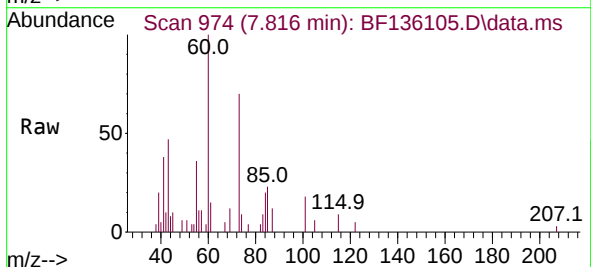
Instrument :
BNA_F
ClientSampleId :
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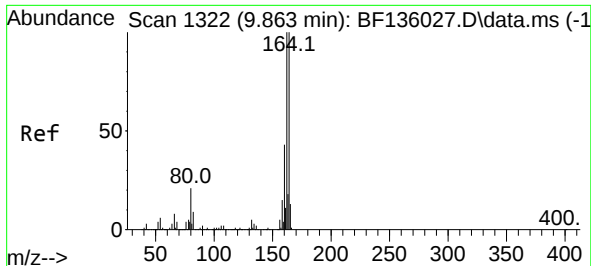
Tgt Ion: 82 Resp: 734717
Ion Ratio Lower Upper
82 100
95 0.0 5.9 8.9#
138 0.0 15.3 22.9#



#32
Benzoic acid
Concen: 5.141 ng
RT: 7.816 min Scan# 974
Delta R.T. -0.059 min
Lab File: BF136105.D
Acq: 02 Nov 2023 20:02

Tgt Ion:122 Resp: 152
Ion Ratio Lower Upper
122 100
105 118.9 99.5 139.5
77 76.0 66.8 106.8

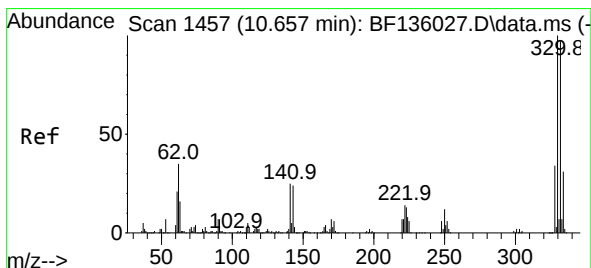
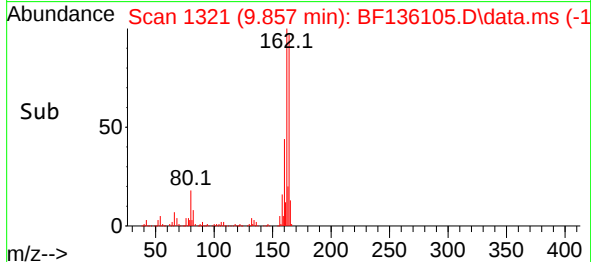
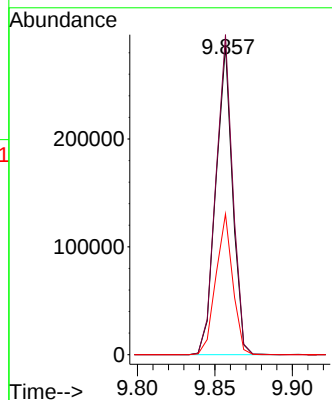
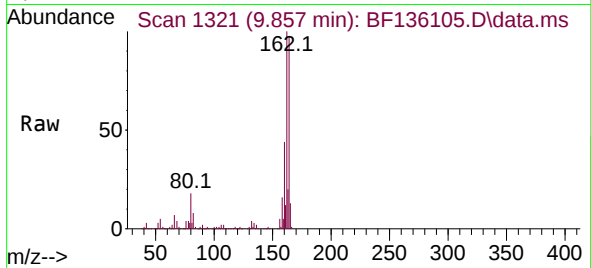




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.857 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF136105.D
Acq: 02 Nov 2023 20:02

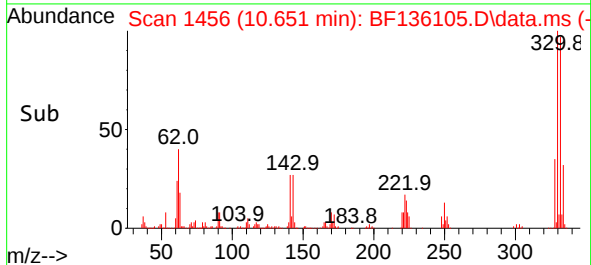
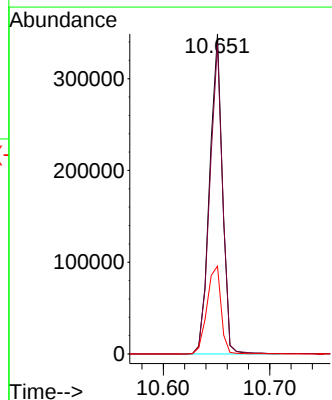
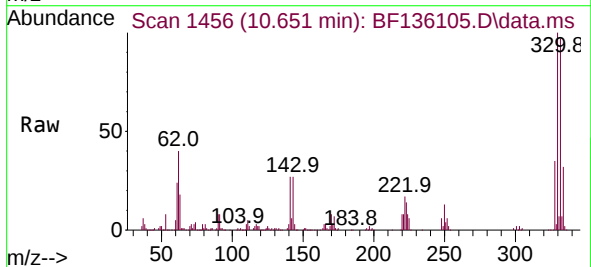
Instrument :
BNA_F
ClientSampleId :
B5

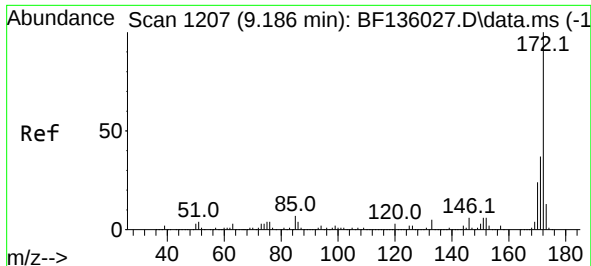
Tgt Ion:164 Resp: 215642
Ion Ratio Lower Upper
164 100
162 103.4 80.1 120.1
160 45.5 34.8 52.2



#42
2,4,6-Tribromophenol
Concen: 126.678 ng
RT: 10.651 min Scan# 1456
Delta R.T. -0.006 min
Lab File: BF136105.D
Acq: 02 Nov 2023 20:02

Tgt Ion:330 Resp: 291576
Ion Ratio Lower Upper
330 100
332 97.1 76.9 115.3
141 30.4 23.2 34.8





#45

2-Fluorobiphenyl

Concen: 97.733 ng

RT: 9.180 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF136105.D

Acq: 02 Nov 2023 20:02

Instrument :

BNA_F

ClientSampleId :

B5

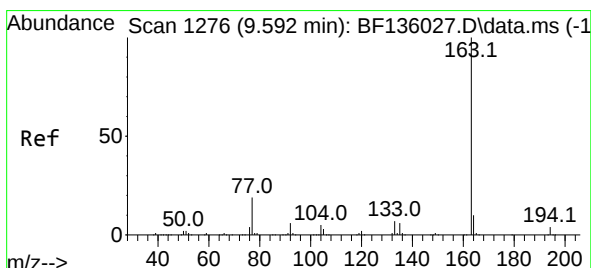
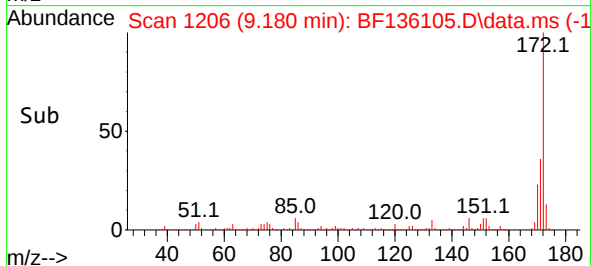
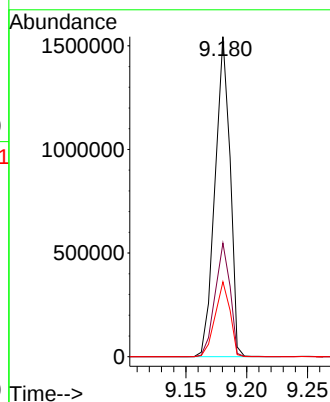
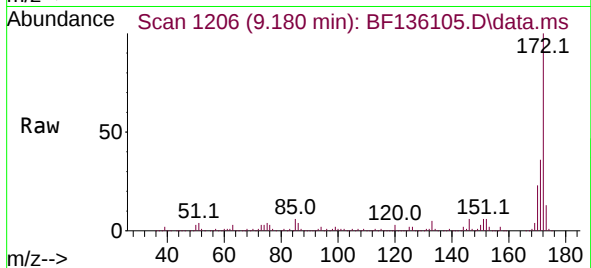
Tgt Ion:172 Resp: 1322086

Ion Ratio Lower Upper

172 100

171 35.5 29.4 44.0

170 23.4 19.3 28.9



#50

Dimethylphthalate

Concen: 3.109 ng

RT: 9.857 min Scan# 1321

Delta R.T. 0.265 min

Lab File: BF136105.D

Acq: 02 Nov 2023 20:02

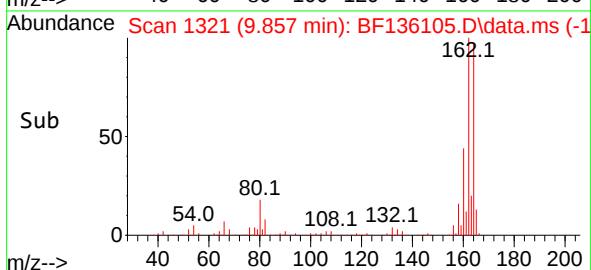
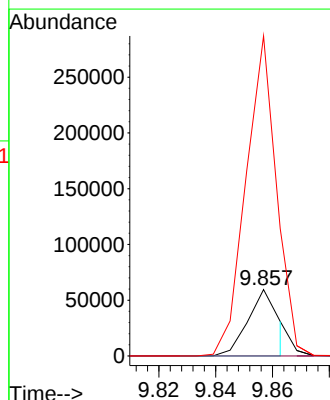
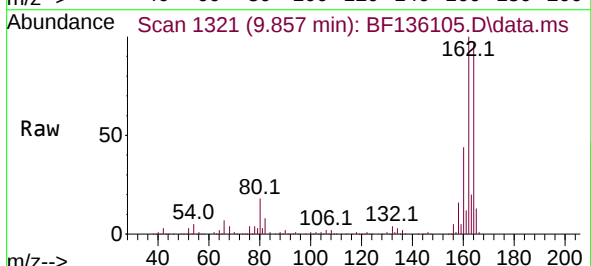
Tgt Ion:163 Resp: 44220

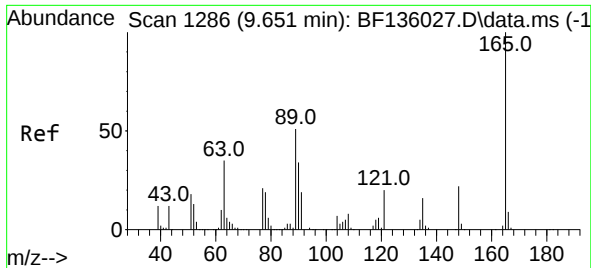
Ion Ratio Lower Upper

163 100

194 0.0 3.2 4.8#

164 482.3 8.1 12.1#

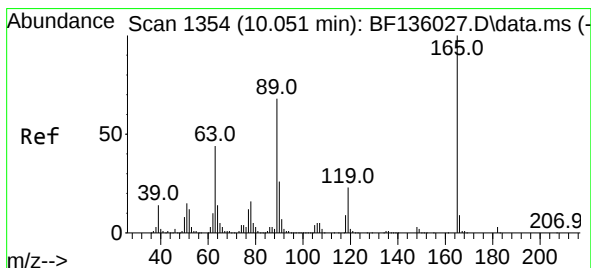
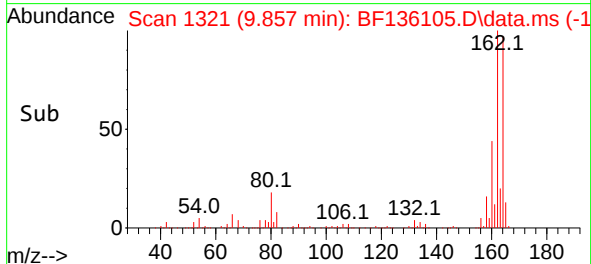
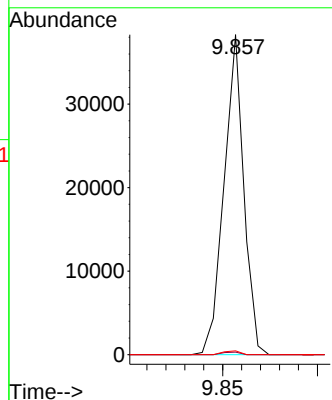
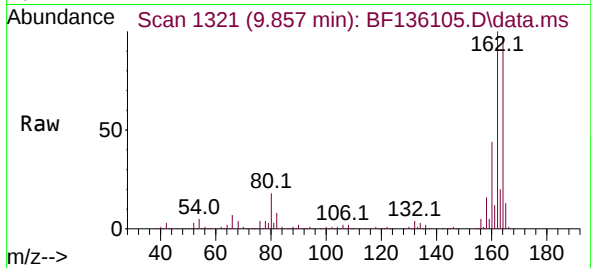




#51
2,6-Dinitrotoluene
Concen: 9.138 ng
RT: 9.857 min Scan# 11
Delta R.T. 0.206 min
Lab File: BF136105.D
Acq: 02 Nov 2023 20:02

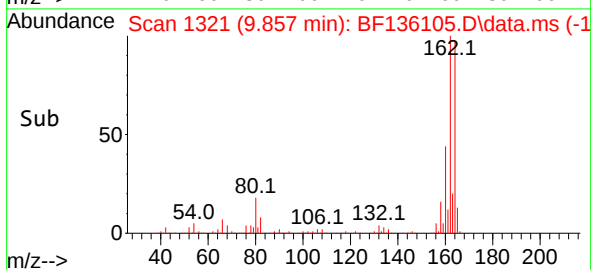
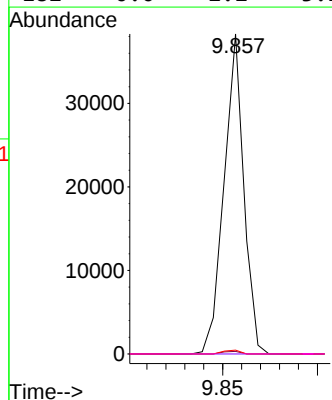
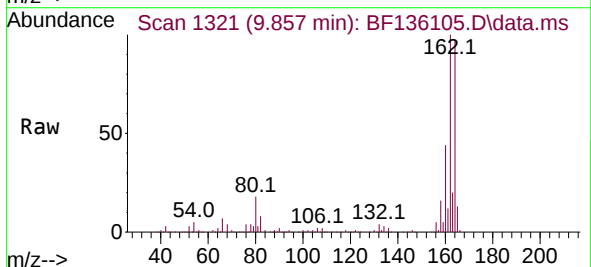
Instrument :
BNA_F
ClientSampleId :
B5

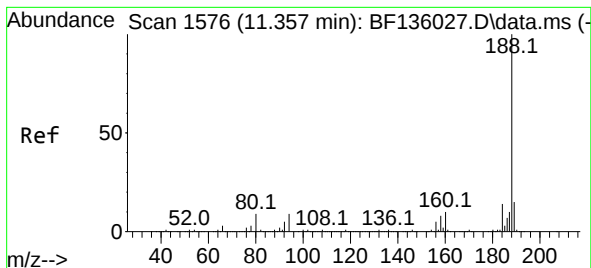
Tgt Ion:165 Resp: 27801
Ion Ratio Lower Upper
165 100
63 0.8 40.8 61.2#
89 1.2 41.1 61.7#



#57
2,4-Dinitrotoluene
Concen: 7.223 ng
RT: 9.857 min Scan# 1321
Delta R.T. -0.194 min
Lab File: BF136105.D
Acq: 02 Nov 2023 20:02

Tgt Ion:165 Resp: 27801
Ion Ratio Lower Upper
165 100
63 0.8 35.2 52.8#
89 1.2 54.8 82.2#
182 0.0 2.2 3.2#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.351 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF136105.D

Acq: 02 Nov 2023 20:02

Instrument :

BNA_F

ClientSampleId :

B5

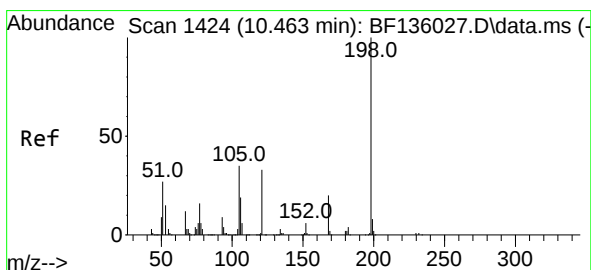
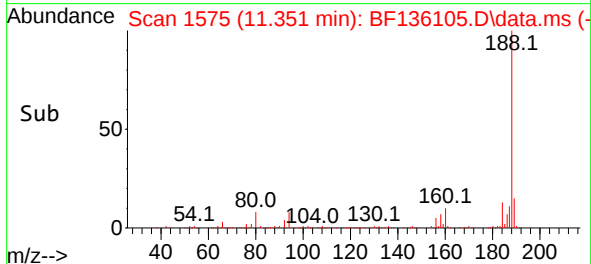
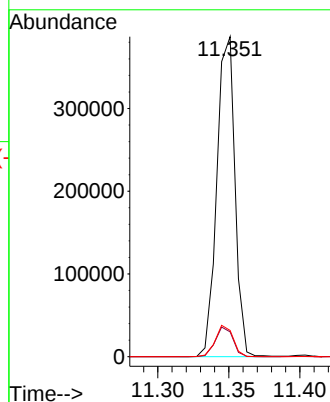
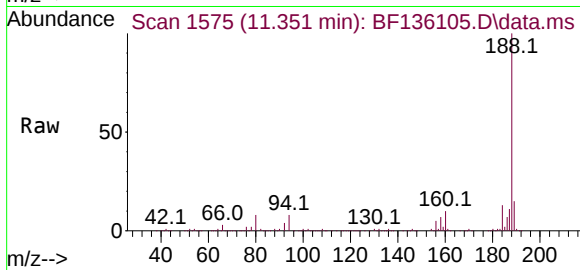
Tgt Ion:188 Resp: 342328

Ion Ratio Lower Upper

188 100

94 7.8 7.2 10.8

80 8.2 7.4 11.0



#65

4,6-Dinitro-2-methylphenol

Concen: 6.069 ng

RT: 10.651 min Scan# 1456

Delta R.T. 0.188 min

Lab File: BF136105.D

Acq: 02 Nov 2023 20:02

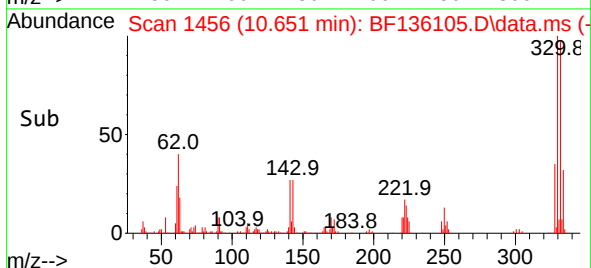
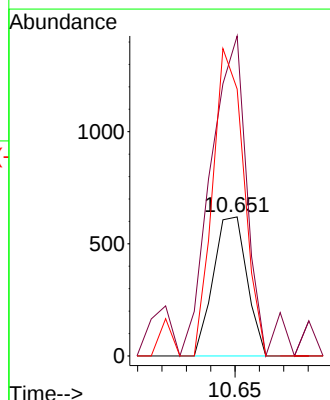
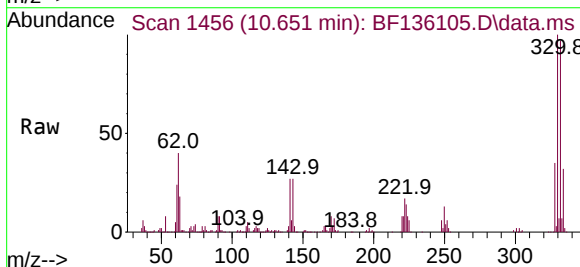
Tgt Ion:198 Resp: 596

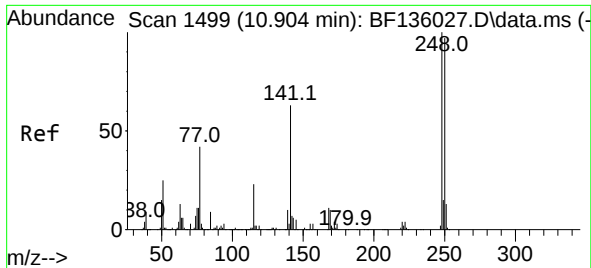
Ion Ratio Lower Upper

198 100

51 230.2 12.9 52.9#

105 191.9 16.0 56.0#

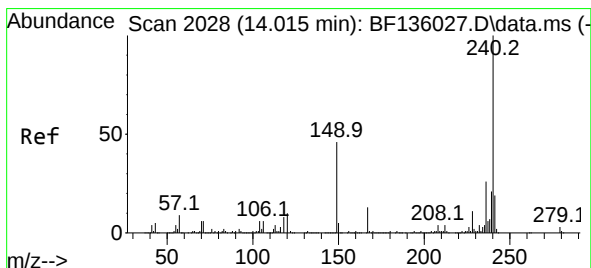
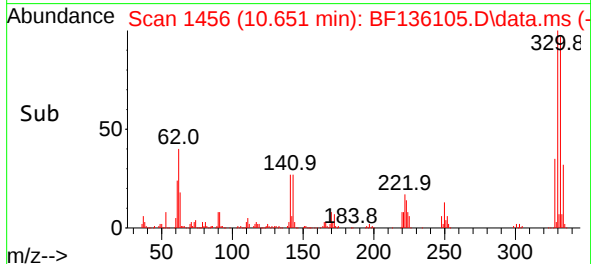
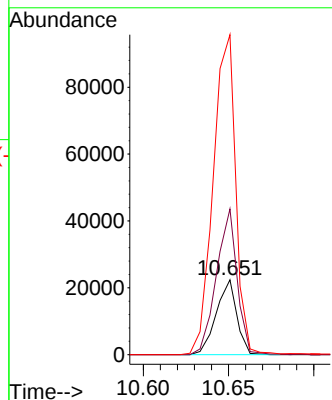
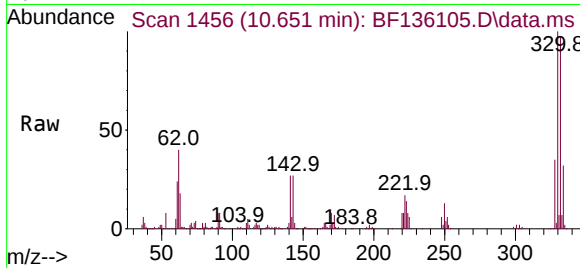




#67
4-Bromophenyl-phenylether
Concen: 5.238 ng
RT: 10.651 min Scan# 14
Delta R.T. -0.253 min
Lab File: BF136105.D
Acq: 02 Nov 2023 20:02

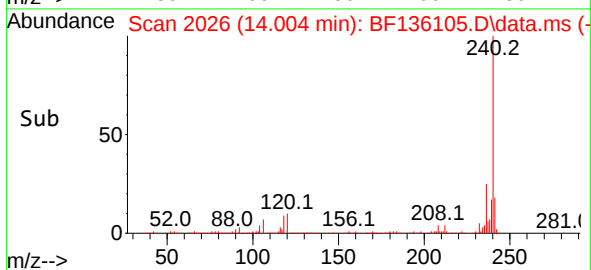
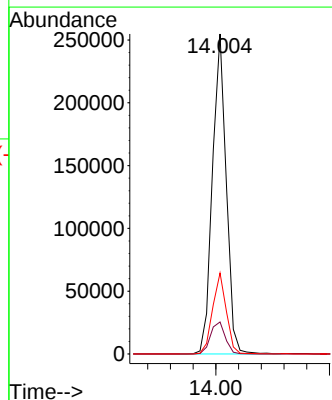
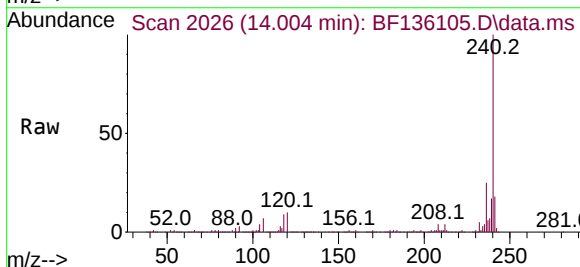
Instrument :
BNA_F
ClientSampleId :
B5

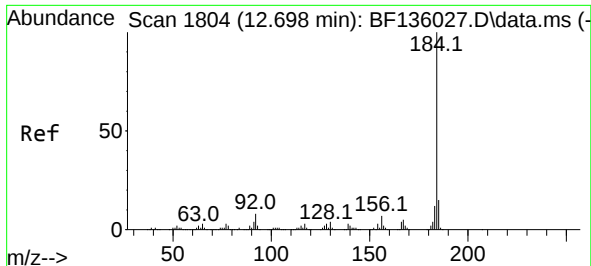
Tgt Ion:248 Resp: 18801
Ion Ratio Lower Upper
248 100
250 194.5 77.6 116.4#
141 426.9 50.4 75.6#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.004 min Scan# 2026
Delta R.T. -0.012 min
Lab File: BF136105.D
Acq: 02 Nov 2023 20:02

Tgt Ion:240 Resp: 214643
Ion Ratio Lower Upper
240 100
120 10.0 7.6 11.4
236 25.3 20.6 31.0

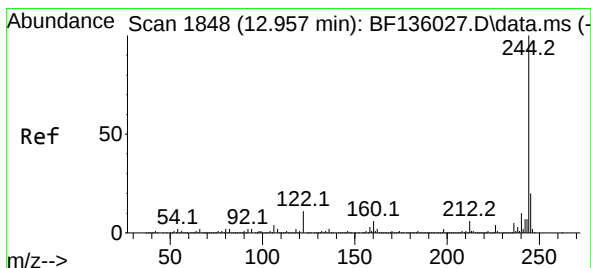
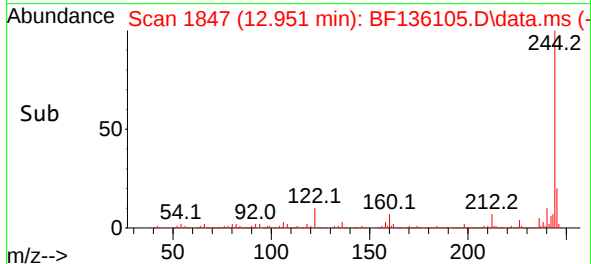
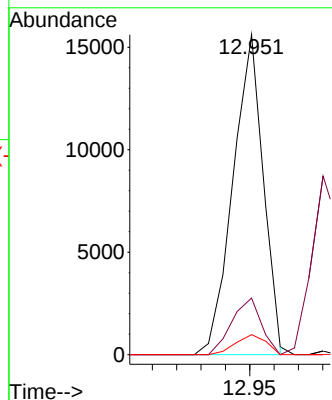
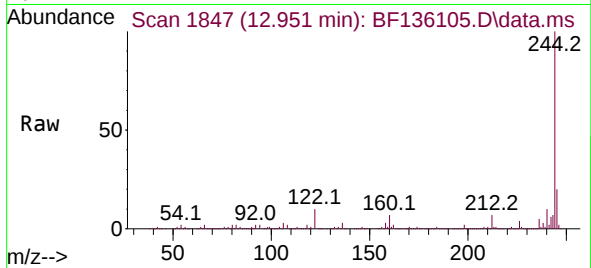




#77
Benzidine
Concen: 3.225 ng
RT: 12.951 min Scan# 1847
Delta R.T. 0.253 min
Lab File: BF136105.D
Acq: 02 Nov 2023 20:02

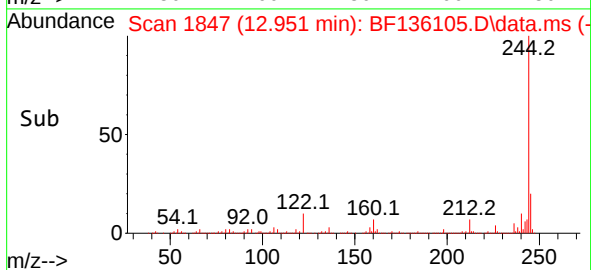
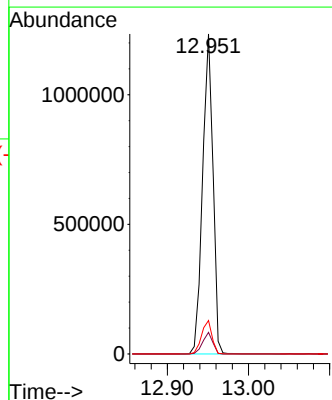
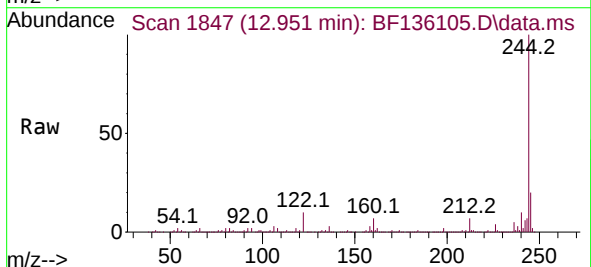
Instrument :
BNA_F
ClientSampleId :
B5

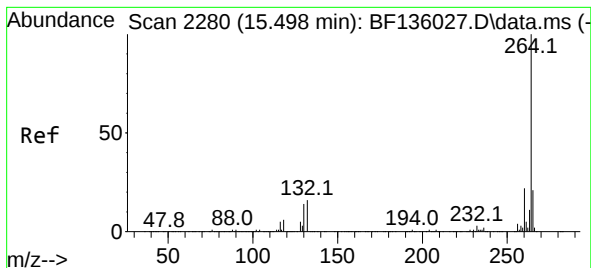
Tgt Ion:184 Resp: 13490
Ion Ratio Lower Upper
184 100
185 17.7 11.8 17.8
183 6.3 9.5 14.3#



#79
Terphenyl-d14
Concen: 79.246 ng
RT: 12.951 min Scan# 1847
Delta R.T. -0.006 min
Lab File: BF136105.D
Acq: 02 Nov 2023 20:02

Tgt Ion:244 Resp: 1094552
Ion Ratio Lower Upper
244 100
212 6.7 5.1 7.7
122 10.5 8.6 12.8





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.492 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF136105.D

Acq: 02 Nov 2023 20:02

Instrument :

BNA_F

ClientSampleId :

B5

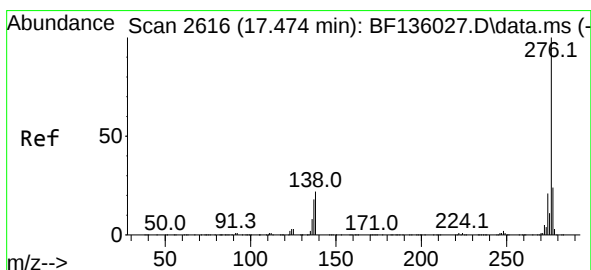
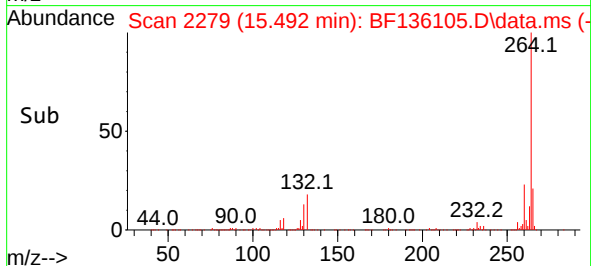
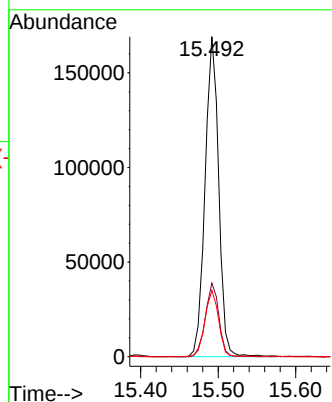
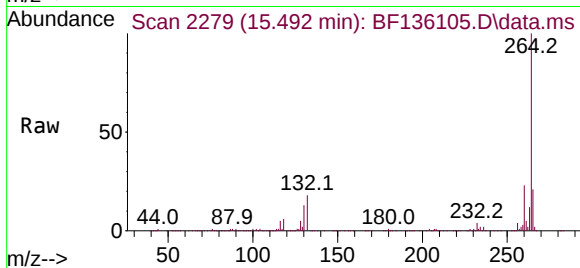
Tgt Ion:264 Resp: 206166

Ion Ratio Lower Upper

264 100

260 23.0 17.9 26.9

265 20.7 16.8 25.2



#92

Benzo(g,h,i)perylene

Concen: 2.899 ng

RT: 17.650 min Scan# 2646

Delta R.T. 0.176 min

Lab File: BF136105.D

Acq: 02 Nov 2023 20:02

Tgt Ion:276 Resp: 61

Ion Ratio Lower Upper

276 100

277 0.0 19.0 28.4#

138 0.0 17.4 26.2#

