

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110223\
 Data File : BF136104.D
 Acq On : 02 Nov 2023 19:32
 Operator : CG\JU
 Sample : 05049-03
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B4

Quant Time: Nov 02 23:05:20 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)

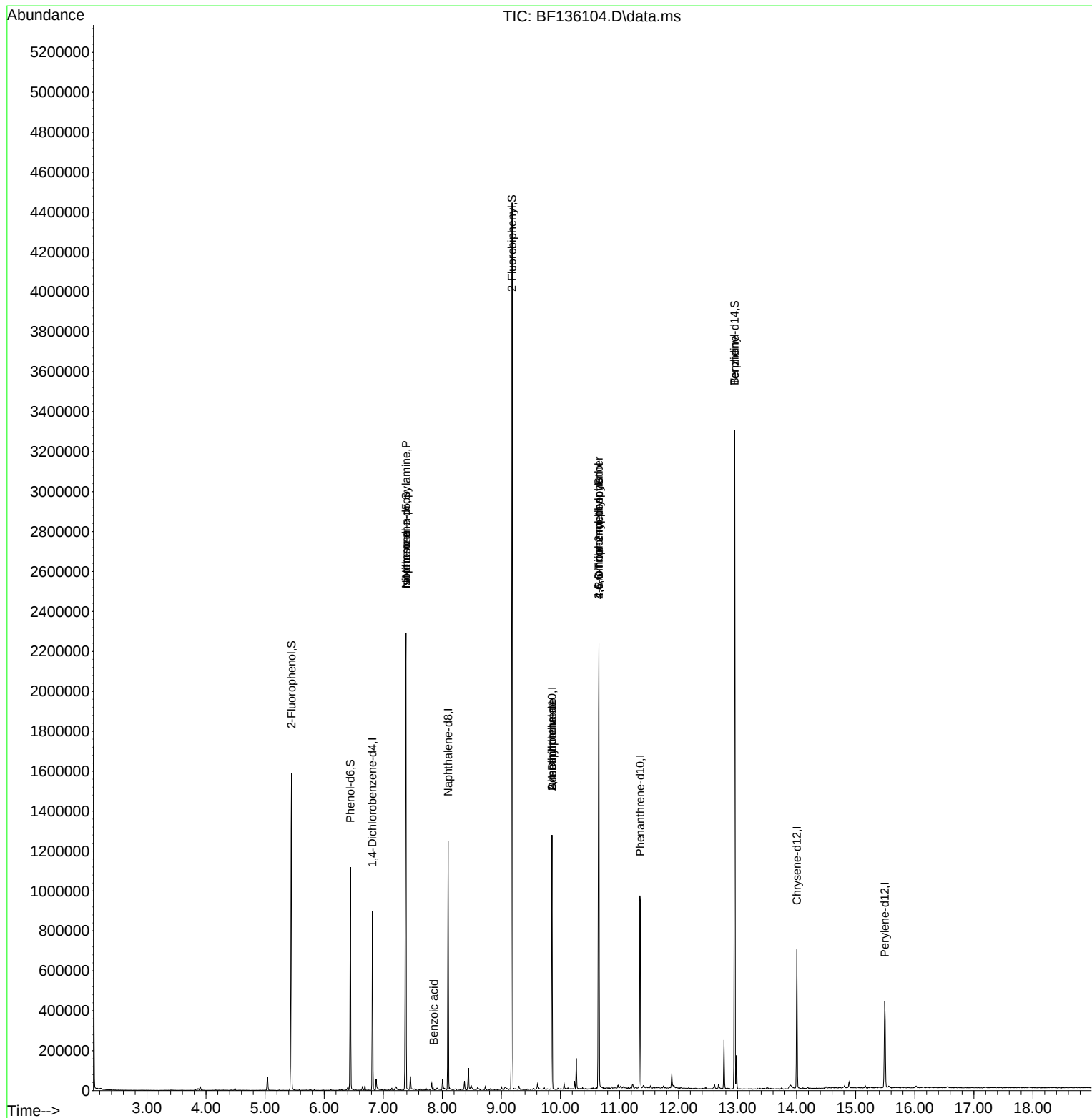
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.816	152	118956	20.000	ng	-0.01
21) Naphthalene-d8	8.098	136	469891	20.000	ng	0.00
39) Acenaphthene-d10	9.857	164	229810	20.000	ng	0.00
64) Phenanthrene-d10	11.351	188	357846	20.000	ng	0.00
76) Chrysene-d12	14.004	240	221463	20.000	ng	-0.01
86) Perylene-d12	15.492	264	199097	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.446	112	423816	55.986	ng	0.00
7) Phenol-d6	6.445	99	334596	35.475	ng	-0.01
23) Nitrobenzene-d5	7.387	82	764557	98.085	ng	0.00
42) 2,4,6-Tribromophenol	10.651	330	277033	112.939	ng	0.00
45) 2-Fluorobiphenyl	9.181	172	1361498	94.442	ng	0.00
79) Terphenyl-d14	12.951	244	1144849	80.335	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.387	70	103560	19.216	ng	# 77
25) Isophorone	7.387	82	764545	51.954	ng	# 64
32) Benzoic acid	7.857	122	81	5.128	ng	# 30
50) Dimethylphthalate	9.857	163	47022	3.102	ng	# 1
57) 2,4-Dinitrotoluene	9.857	165	28347	6.910	ng	# 26
65) 4,6-Dinitro-2-methylph...	10.651	198	613	6.065	ng	# 1
67) 4-Bromophenyl-phenylether	10.651	248	18002	4.798	ng	# 1
77) Benzidine	12.951	184	14658	3.396	ng	# 92

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

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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

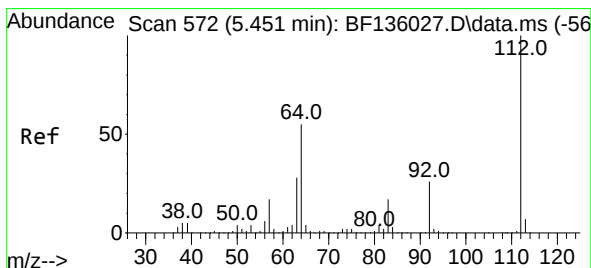
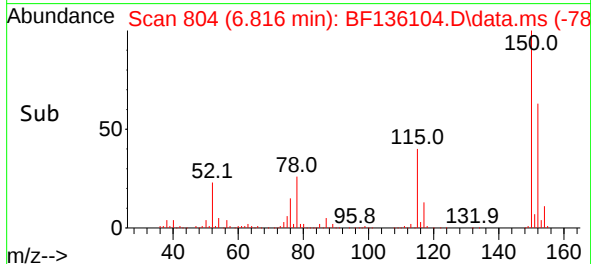
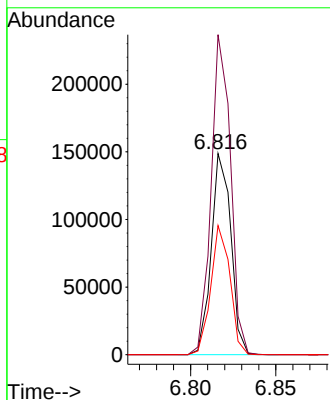
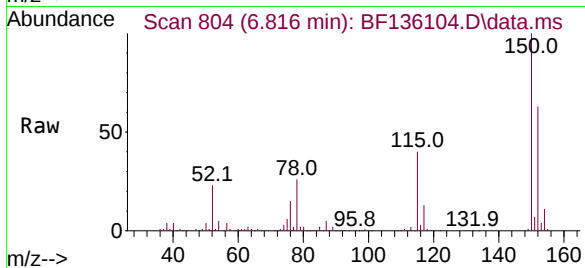




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.816 min Scan# 806
Delta R.T. -0.012 min
Lab File: BF136104.D
Acq: 02 Nov 2023 19:32

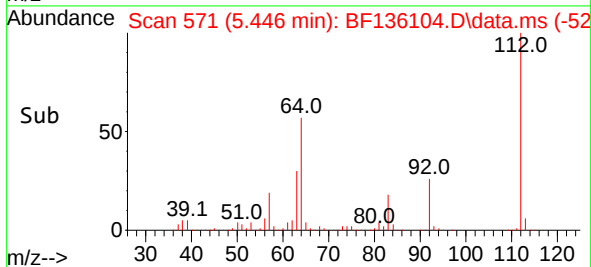
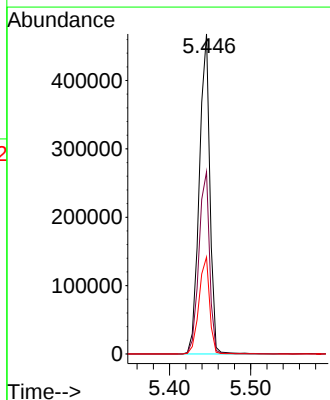
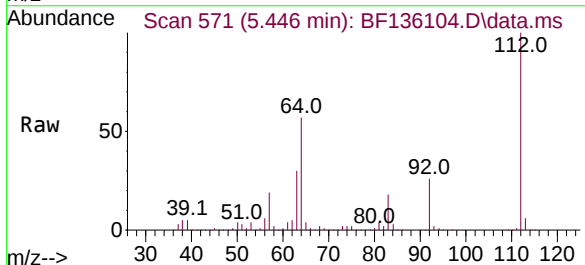
Instrument :
BNA_F
ClientSampleId :
B4

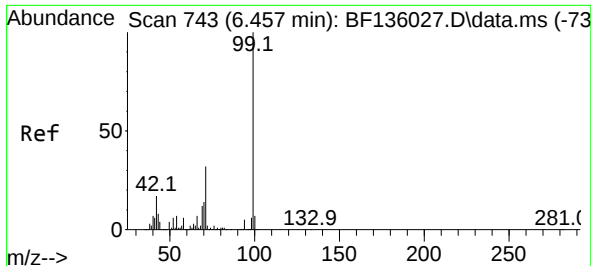
Tgt Ion:152 Resp: 118956
Ion Ratio Lower Upper
152 100
150 159.1 126.4 189.6
115 64.2 47.0 70.4



#5
2-Fluorophenol
Concen: 55.986 ng
RT: 5.446 min Scan# 571
Delta R.T. -0.006 min
Lab File: BF136104.D
Acq: 02 Nov 2023 19:32

Tgt Ion:112 Resp: 423816
Ion Ratio Lower Upper
112 100
64 56.9 43.9 65.9
63 30.2 22.4 33.6

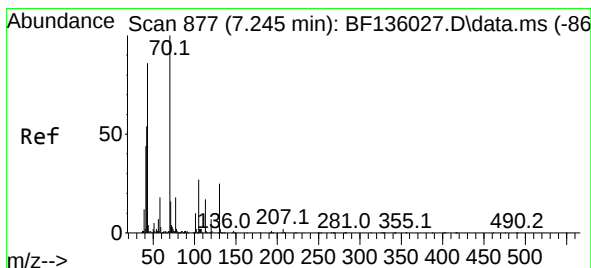
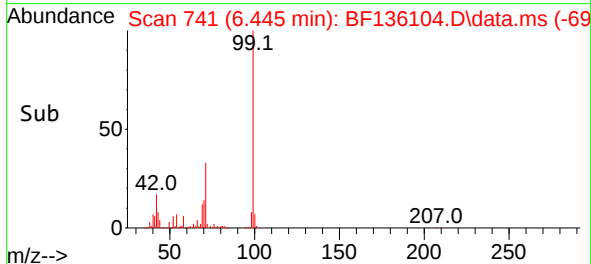
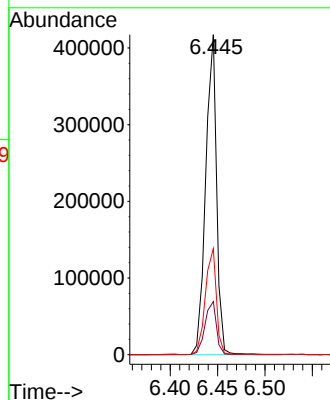
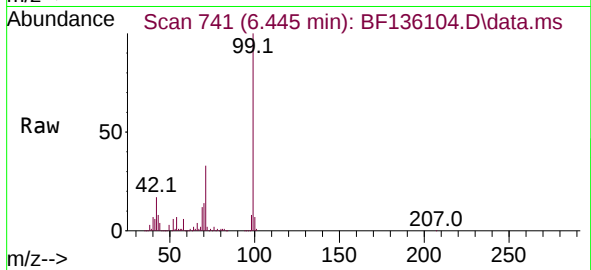




#7
Phenol-d6
Concen: 35.475 ng
RT: 6.445 min Scan# 741
Delta R.T. -0.012 min
Lab File: BF136104.D
Acq: 02 Nov 2023 19:32

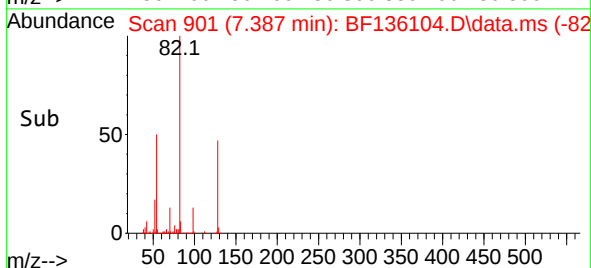
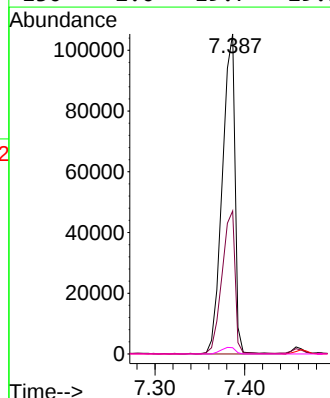
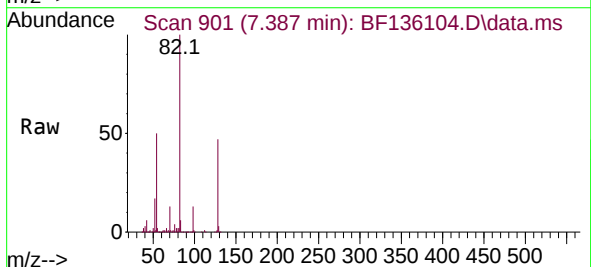
Instrument :
BNA_F
ClientSampleId :
B4

Tgt Ion: 99 Resp: 334596
Ion Ratio Lower Upper
99 100
42 16.6 13.7 20.5
71 33.1 25.9 38.9



#19
n-Nitroso-di-n-propylamine
Concen: 19.216 ng
RT: 7.387 min Scan# 901
Delta R.T. 0.141 min
Lab File: BF136104.D
Acq: 02 Nov 2023 19:32

Tgt Ion: 70 Resp: 103560
Ion Ratio Lower Upper
70 100
42 44.7 43.0 64.4
101 0.0 8.0 12.0#
130 2.0 19.7 29.5#



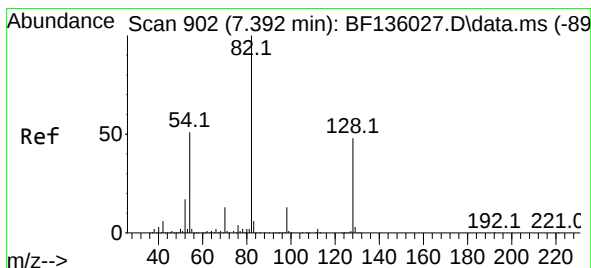
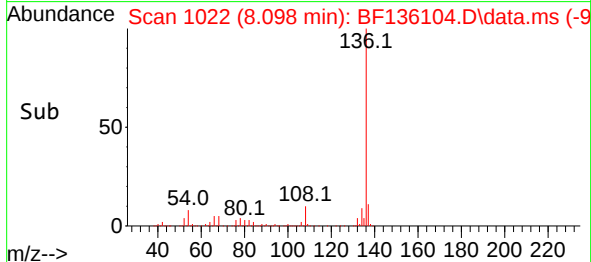
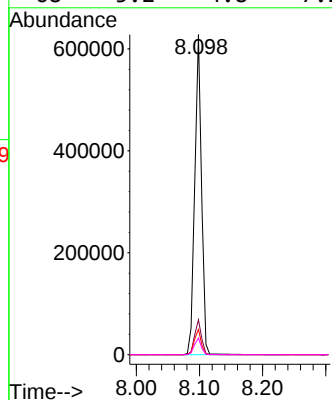
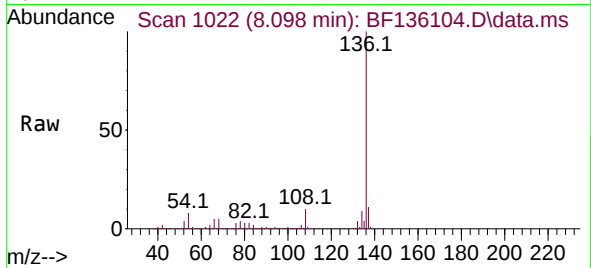


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.098 min Scan# 1023
Delta R.T. -0.006 min
Lab File: BF136104.D
Acq: 02 Nov 2023 19:32

Instrument :
BNA_F
ClientSampleId :
B4

Tgt Ion:136 Resp: 469891

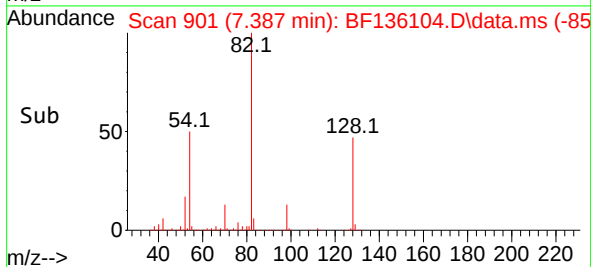
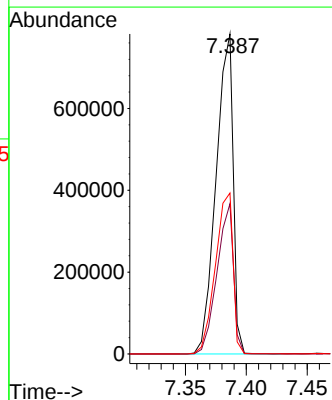
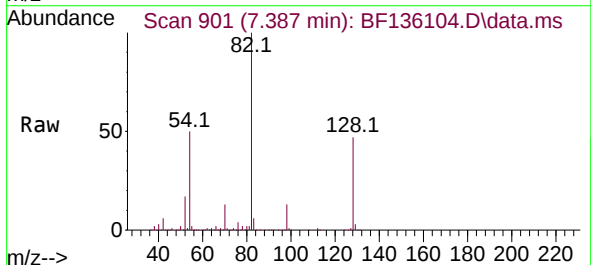
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.6	13.0
54	7.9	6.6	9.8
68	5.2	4.8	7.2

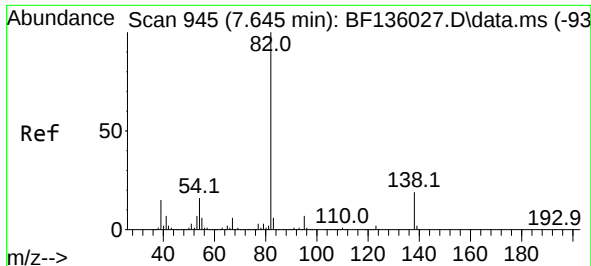


#23
Nitrobenzene-d5
Concen: 98.085 ng
RT: 7.387 min Scan# 901
Delta R.T. -0.006 min
Lab File: BF136104.D
Acq: 02 Nov 2023 19:32

Tgt Ion: 82 Resp: 764557

Ion	Ratio	Lower	Upper
82	100		
128	47.0	38.6	57.8
54	50.3	40.8	61.2

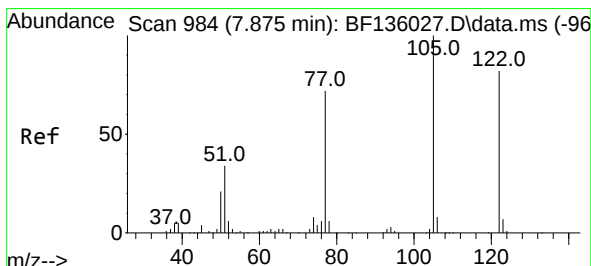
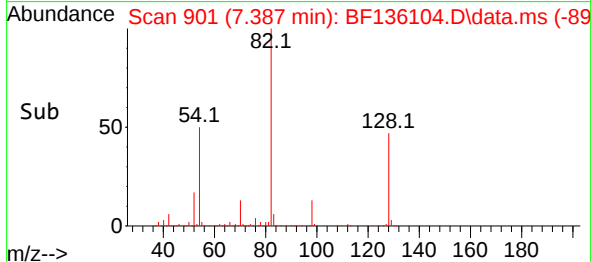
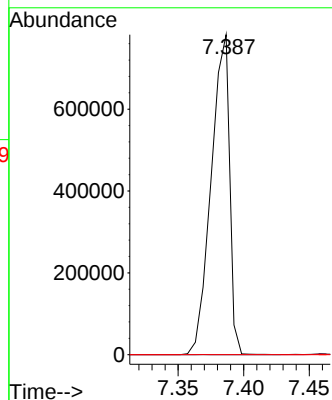
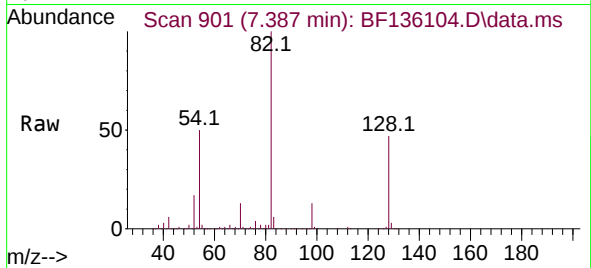




#25
Isophorone
Concen: 51.954 ng
RT: 7.387 min Scan# 901
Delta R.T. -0.259 min
Lab File: BF136104.D
Acq: 02 Nov 2023 19:32

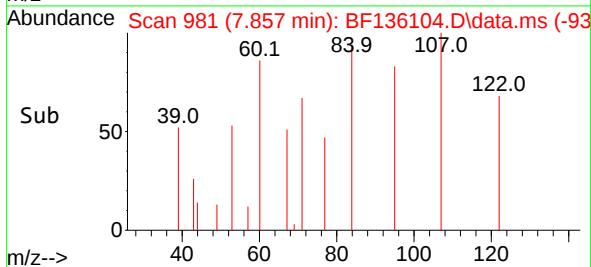
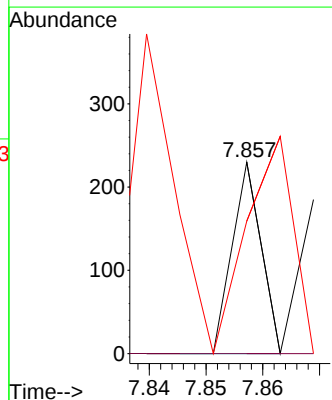
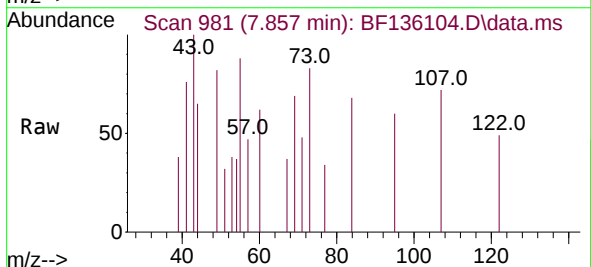
Instrument :
BNA_F
ClientSampleId :
B4

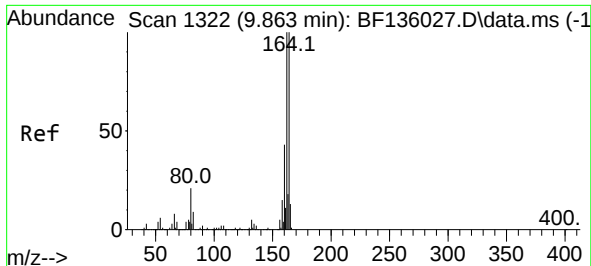
Tgt Ion: 82 Resp: 764545
Ion Ratio Lower Upper
82 100
95 0.0 5.9 8.9#
138 0.0 15.3 22.9#



#32
Benzoic acid
Concen: 5.128 ng
RT: 7.857 min Scan# 981
Delta R.T. -0.018 min
Lab File: BF136104.D
Acq: 02 Nov 2023 19:32

Tgt Ion: 122 Resp: 81
Ion Ratio Lower Upper
122 100
105 0.0 99.5 139.5#
77 69.1 66.8 106.8

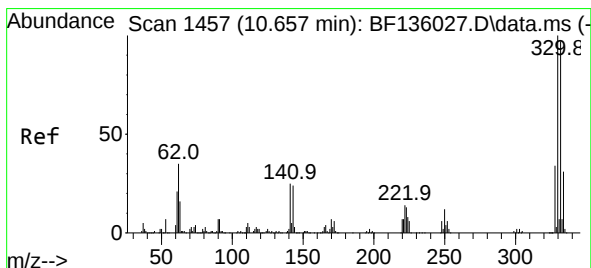
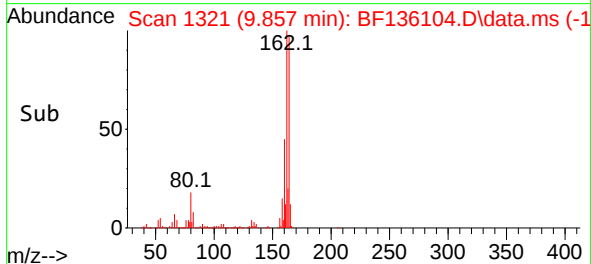
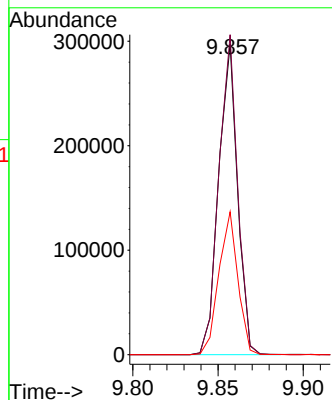
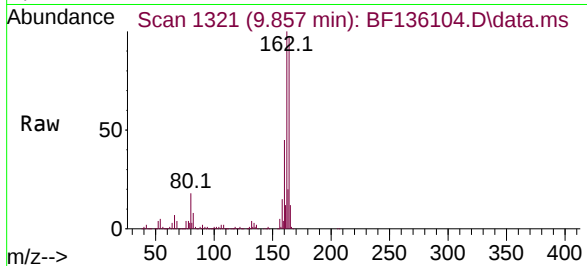




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.857 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF136104.D
Acq: 02 Nov 2023 19:32

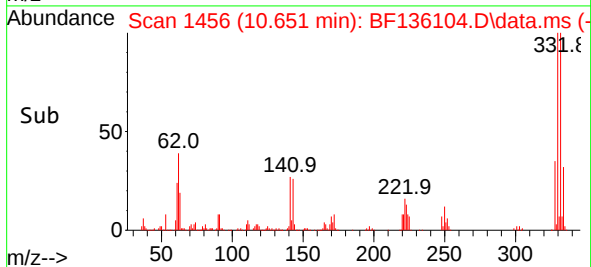
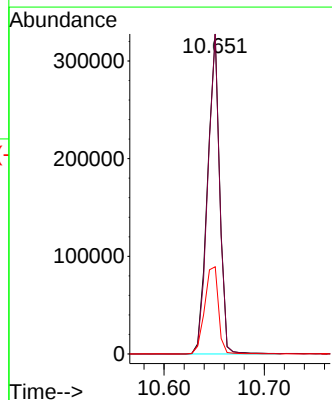
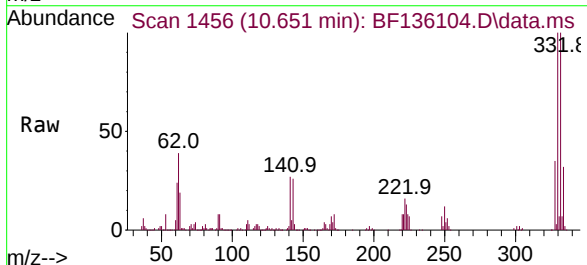
Instrument :
BNA_F
ClientSampleId :
B4

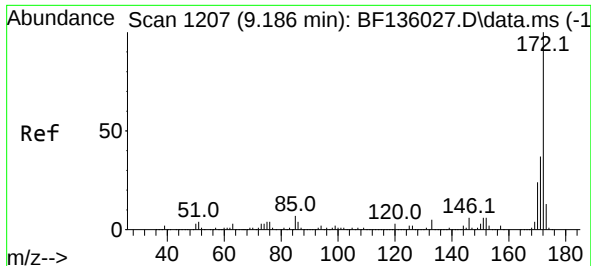
Tgt Ion:164 Resp: 229810
Ion Ratio Lower Upper
164 100
162 103.0 80.1 120.1
160 46.0 34.8 52.2



#42
2,4,6-Tribromophenol
Concen: 112.939 ng
RT: 10.651 min Scan# 1456
Delta R.T. -0.006 min
Lab File: BF136104.D
Acq: 02 Nov 2023 19:32

Tgt Ion:330 Resp: 277033
Ion Ratio Lower Upper
330 100
332 98.0 76.9 115.3
141 31.1 23.2 34.8





#45

2-Fluorobiphenyl

Concen: 94.442 ng

RT: 9.181 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF136104.D

Acq: 02 Nov 2023 19:32

Instrument :

BNA_F

ClientSampleId :

B4

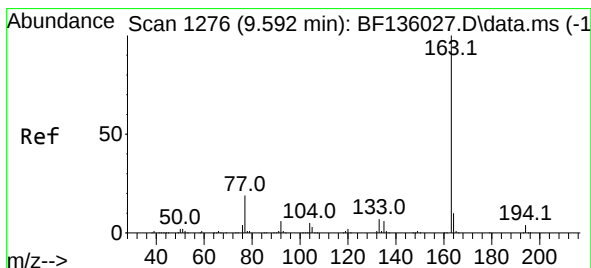
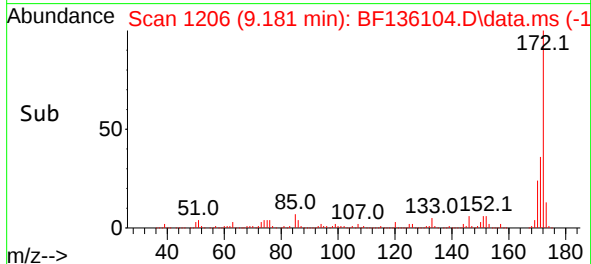
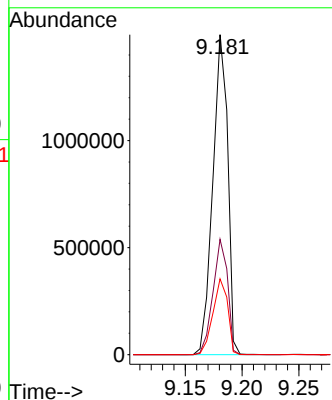
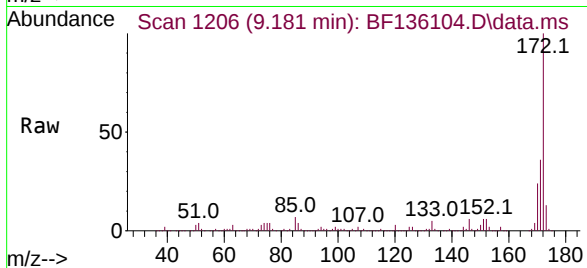
Tgt Ion:172 Resp: 1361498

Ion Ratio Lower Upper

172 100

171 36.0 29.4 44.0

170 23.7 19.3 28.9



#50

Dimethylphthalate

Concen: 3.102 ng

RT: 9.857 min Scan# 1321

Delta R.T. 0.265 min

Lab File: BF136104.D

Acq: 02 Nov 2023 19:32

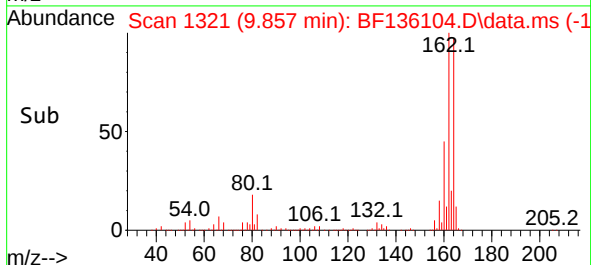
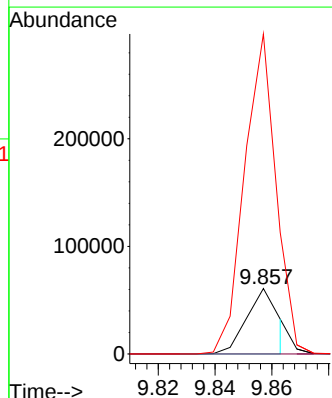
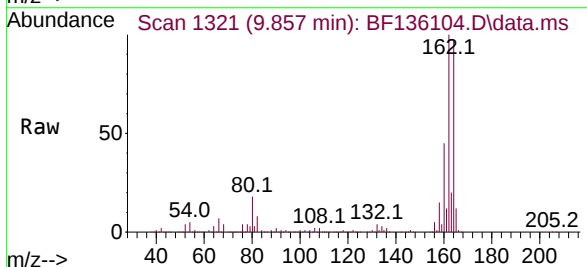
Tgt Ion:163 Resp: 47022

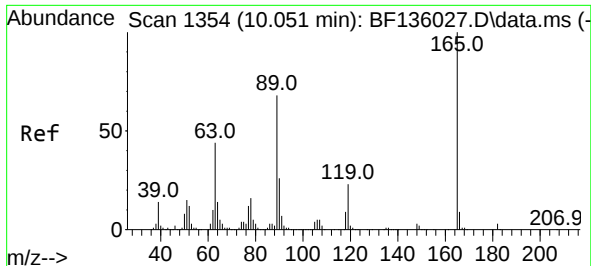
Ion Ratio Lower Upper

163 100

194 0.0 3.2 4.8#

164 489.3 8.1 12.1#

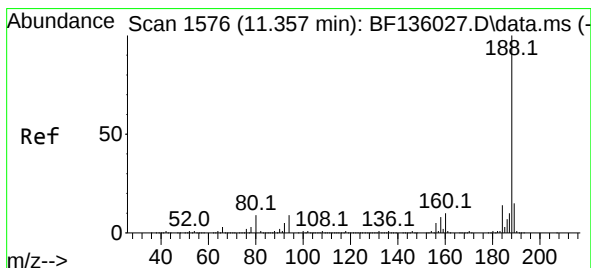
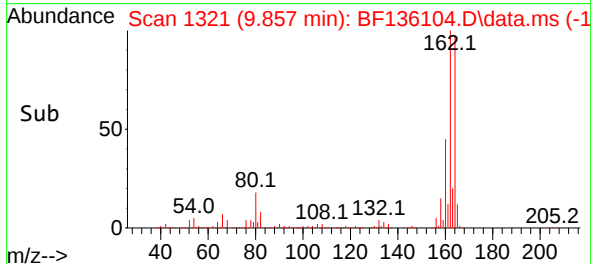
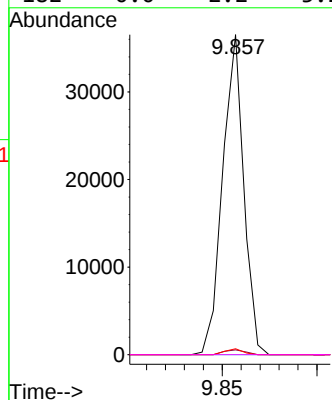
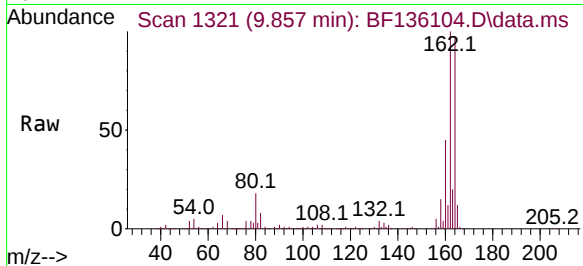




#57
2,4-Dinitrotoluene
Concen: 6.910 ng
RT: 9.857 min Scan# 11
Delta R.T. -0.194 min
Lab File: BF136104.D
Acq: 02 Nov 2023 19:32

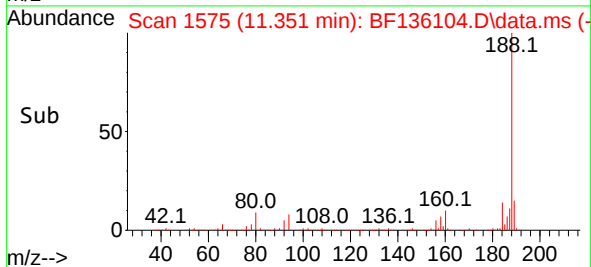
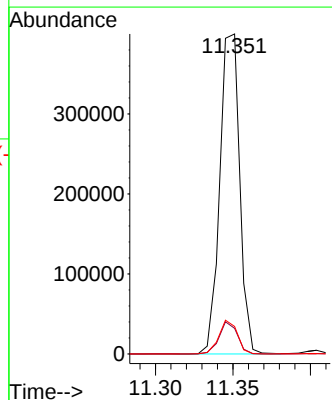
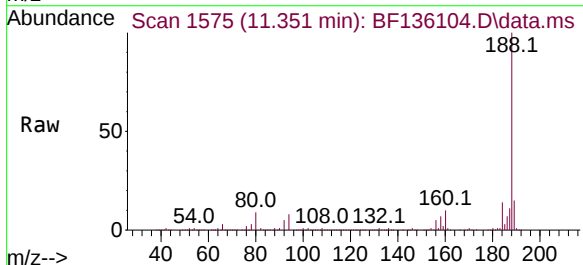
Instrument :
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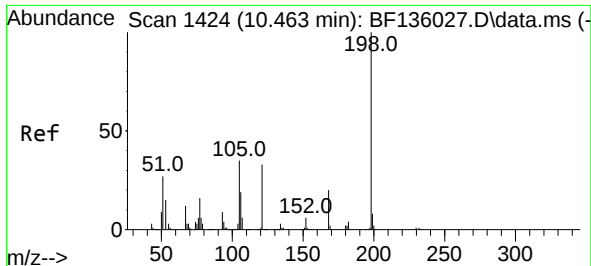
Tgt Ion:165 Resp: 28347
Ion Ratio Lower Upper
165 100
63 1.5 35.2 52.8#
89 1.8 54.8 82.2#
182 0.0 2.2 3.2#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.351 min Scan# 1575
Delta R.T. -0.006 min
Lab File: BF136104.D
Acq: 02 Nov 2023 19:32

Tgt Ion:188 Resp: 357846
Ion Ratio Lower Upper
188 100
94 8.0 7.2 10.8
80 8.6 7.4 11.0





#65

4,6-Dinitro-2-methylphenol

Concen: 6.065 ng

RT: 10.651 min Scan# 1456

Delta R.T. 0.188 min

Lab File: BF136104.D

Acq: 02 Nov 2023 19:32

Instrument :

BNA_F

ClientSampleId :

B4

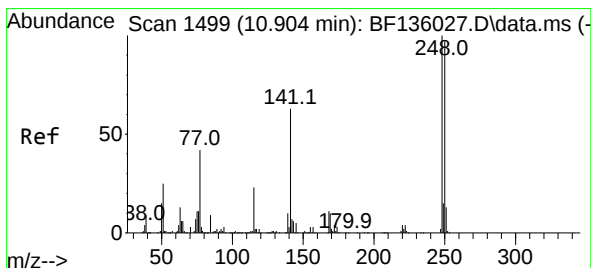
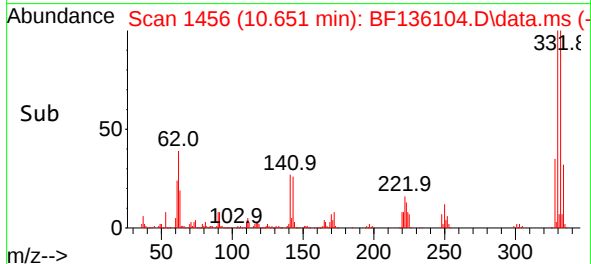
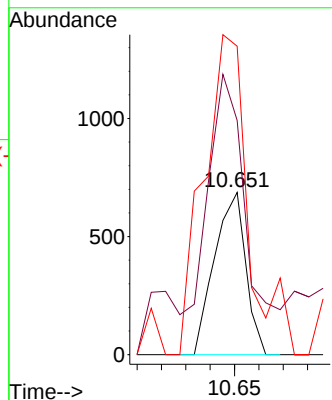
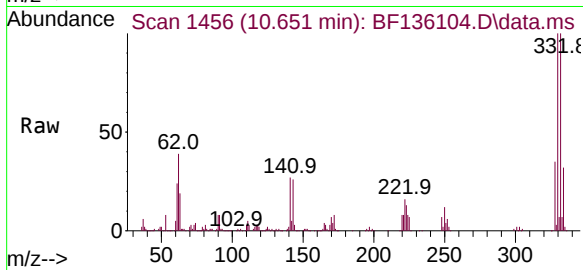
Tgt Ion:198 Resp: 613

Ion Ratio Lower Upper

198 100

51 144.4 12.9 52.9#

105 190.1 16.0 56.0#



#67

4-Bromophenyl-phenylether

Concen: 4.798 ng

RT: 10.651 min Scan# 1456

Delta R.T. -0.253 min

Lab File: BF136104.D

Acq: 02 Nov 2023 19:32

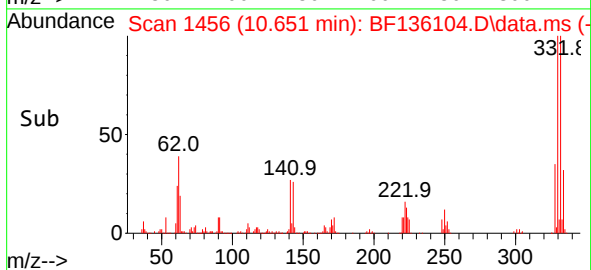
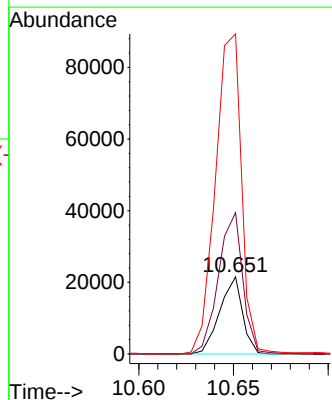
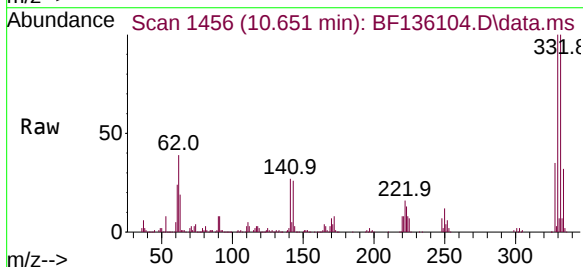
Tgt Ion:248 Resp: 18002

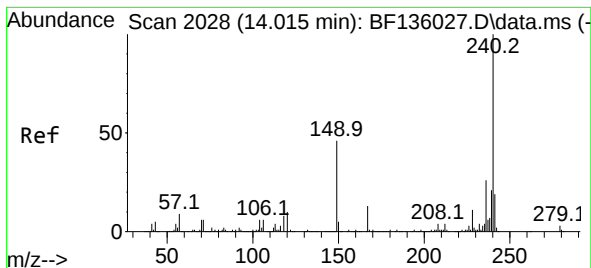
Ion Ratio Lower Upper

248 100

250 183.3 77.6 116.4#

141 415.3 50.4 75.6#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.004 min Scan# 2028

Delta R.T. -0.012 min

Lab File: BF136104.D

Acq: 02 Nov 2023 19:32

Instrument :

BNA_F

ClientSampleId :

B4

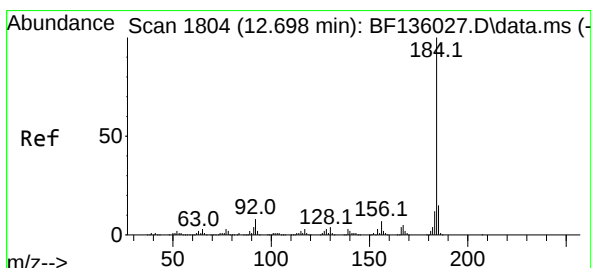
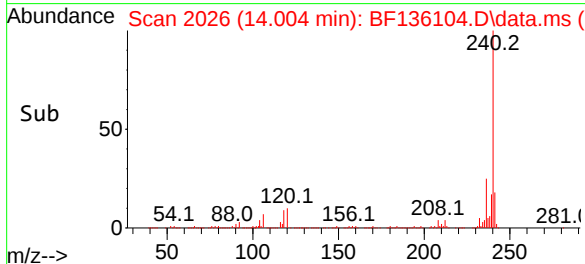
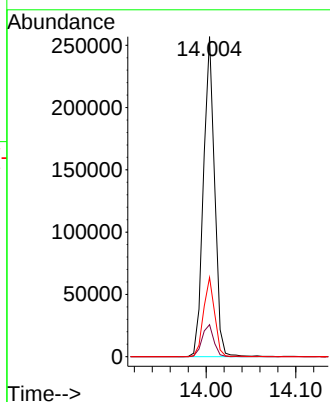
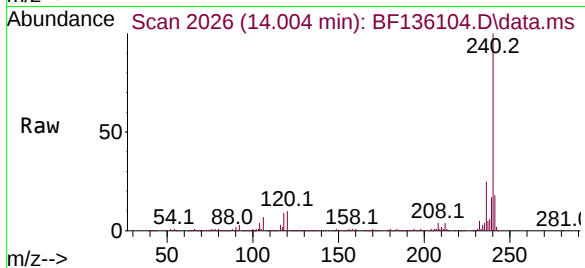
Tgt Ion:240 Resp: 221463

Ion Ratio Lower Upper

240 100

120 10.0 7.6 11.4

236 24.8 20.6 31.0



#77

Benzidine

Concen: 3.396 ng

RT: 12.951 min Scan# 1847

Delta R.T. 0.253 min

Lab File: BF136104.D

Acq: 02 Nov 2023 19:32

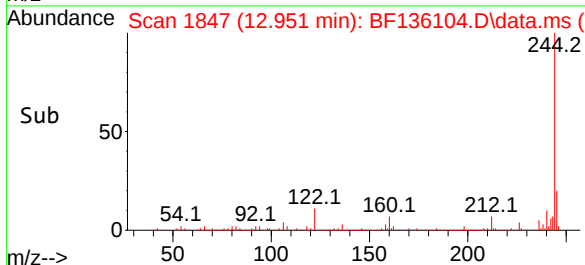
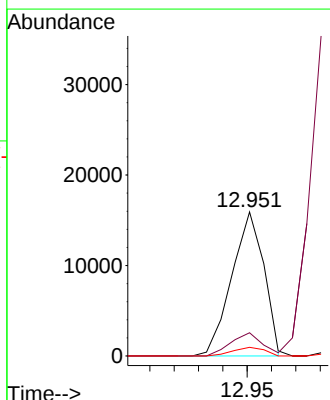
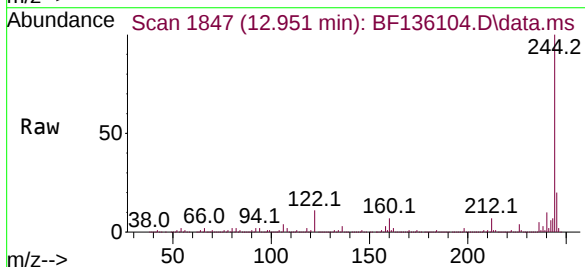
Tgt Ion:184 Resp: 14658

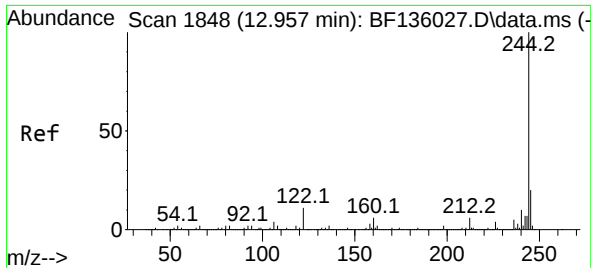
Ion Ratio Lower Upper

184 100

185 16.1 11.8 17.8

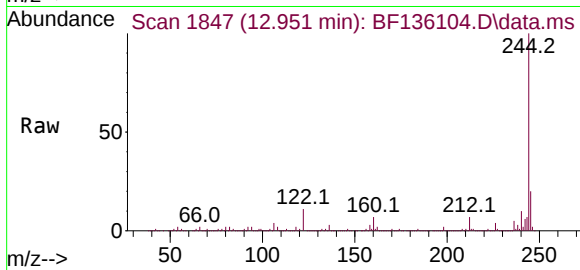
183 6.0 9.5 14.3#



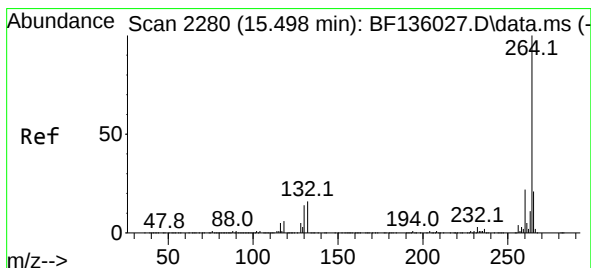
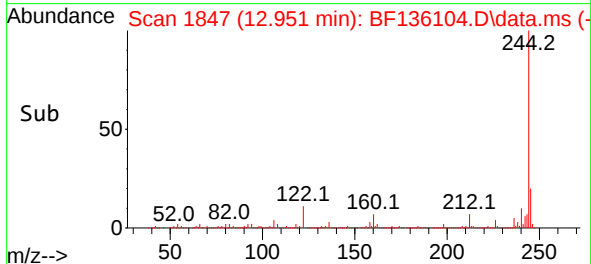
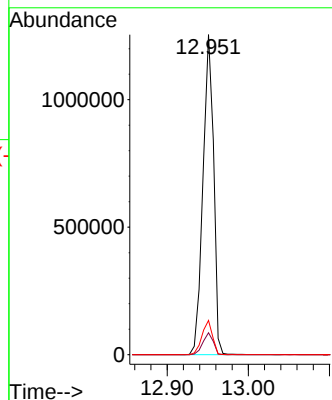


#79
Terphenyl-d14
Concen: 80.335 ng
RT: 12.951 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF136104.D
Acq: 02 Nov 2023 19:32

Instrument :
BNA_F
ClientSampleId :
B4



Tgt Ion:244 Resp: 1144849
Ion Ratio Lower Upper
244 100
212 6.9 5.1 7.7
122 10.7 8.6 12.8



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.492 min Scan# 2279
Delta R.T. -0.006 min
Lab File: BF136104.D
Acq: 02 Nov 2023 19:32

Tgt Ion:264 Resp: 199097
Ion Ratio Lower Upper
264 100
260 22.6 17.9 26.9
265 20.6 16.8 25.2

