

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020124\
 Data File : BF137226.D
 Acq On : 01 Feb 2024 12:18
 Operator : CG\JU
 Sample : PB158741BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB158741BL

Quant Time: Feb 01 12:43:33 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF013024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 31 04:56:22 2024
 Response via : Initial Calibration

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

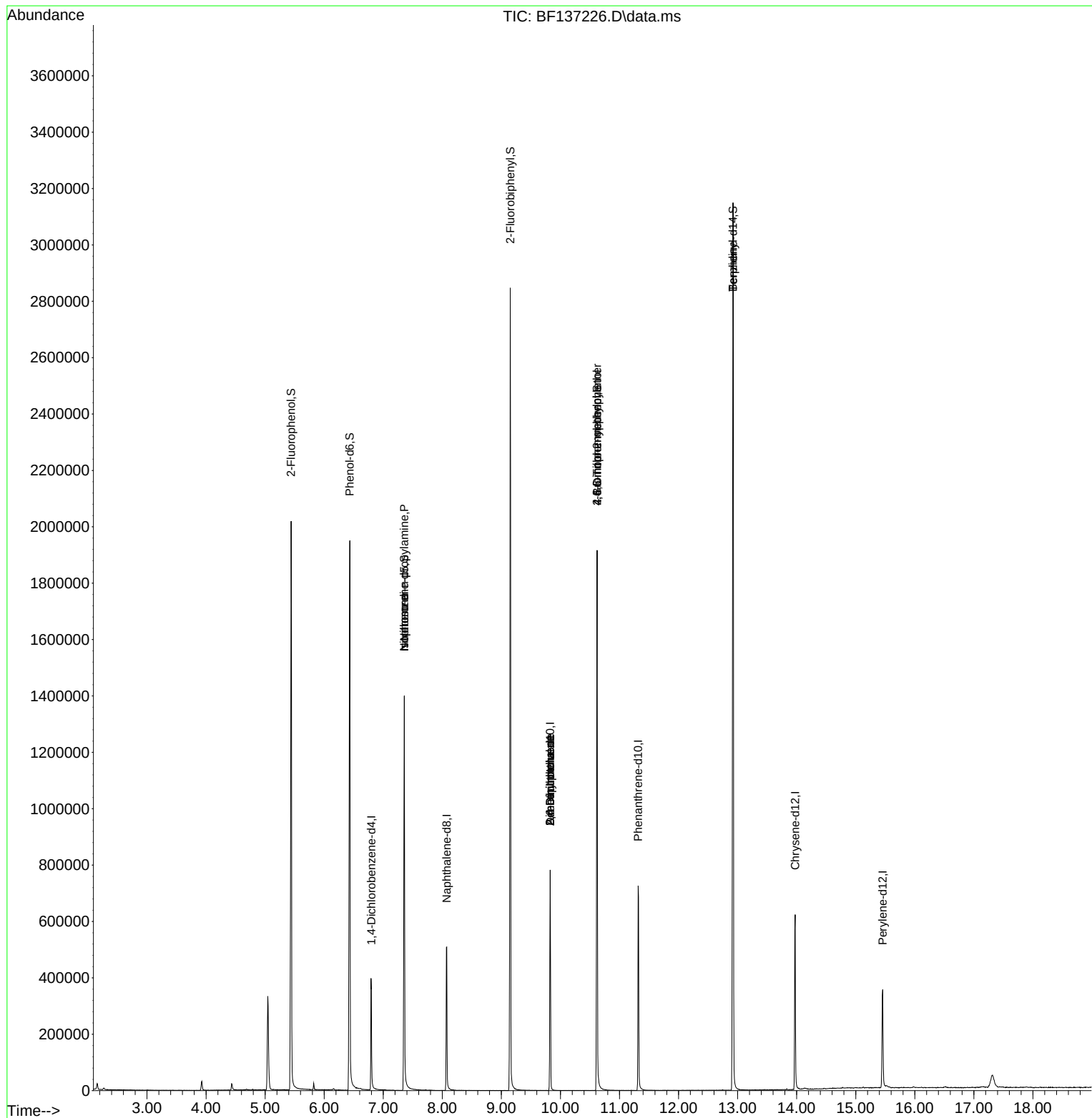
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.798	152	61536	20.000	ng	0.00
21) Naphthalene-d8	8.075	136	250184	20.000	ng	0.00
39) Acenaphthene-d10	9.827	164	152789	20.000	ng	0.00
64) Phenanthrene-d10	11.316	188	312604	20.000	ng	0.00
76) Chrysene-d12	13.974	240	236876	20.000	ng	0.00
86) Perylene-d12	15.457	264	181004	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.440	112	579830	155.481	ng	0.02
7) Phenol-d6	6.434	99	744061	139.807	ng	0.00
23) Nitrobenzene-d5	7.357	82	507080	90.744	ng	0.00
42) 2,4,6-Tribromophenol	10.622	330	242010	140.253	ng	0.00
45) 2-Fluorobiphenyl	9.151	172	924954	83.220	ng	0.00
79) Terphenyl-d14	12.921	244	1274865	73.165	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.357	70	66044	18.099	ng	# 75
25) Isophorone	7.357	82	507077	49.162	ng	# 67
50) Dimethylphthalate	9.827	163	27928	2.706	ng	# 1
51) 2,6-Dinitrotoluene	9.827	165	19847	9.017	ng	# 17
57) 2,4-Dinitrotoluene	9.827	165	19847	6.949	ng	# 16
65) 4,6-Dinitro-2-methylph...	10.622	198	595	5.773	ng	# 1
67) 4-Bromophenyl-phenylether	10.622	248	15967	4.645	ng	# 1
77) Benzidine	12.921	184	15590	3.675	ng	# 94

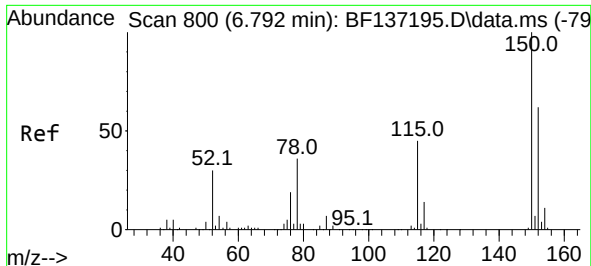
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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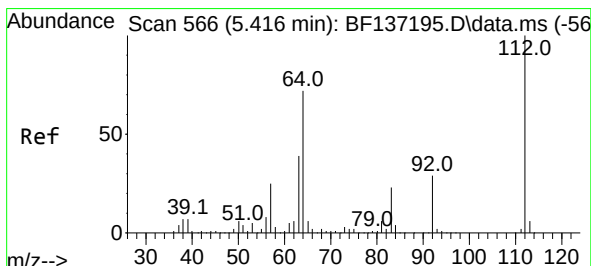
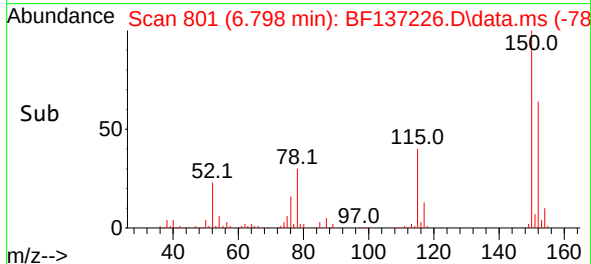
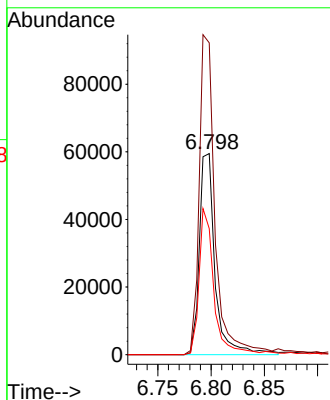
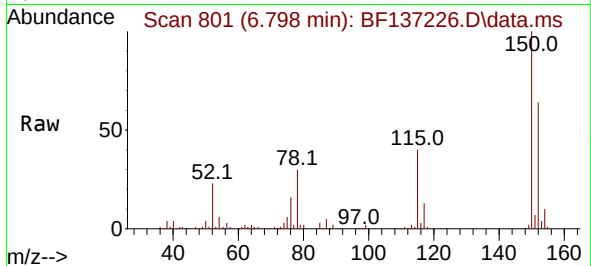




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.798 min Scan# 800
 Delta R.T. 0.006 min
 Lab File: BF137226.D
 Acq: 01 Feb 2024 12:18

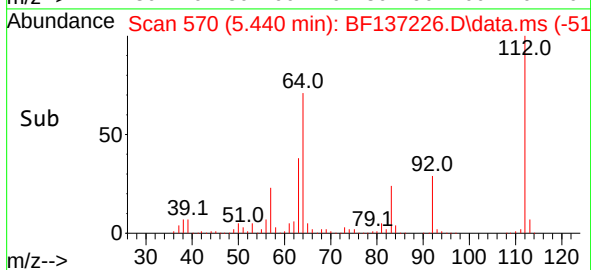
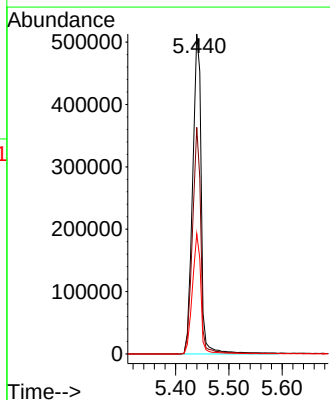
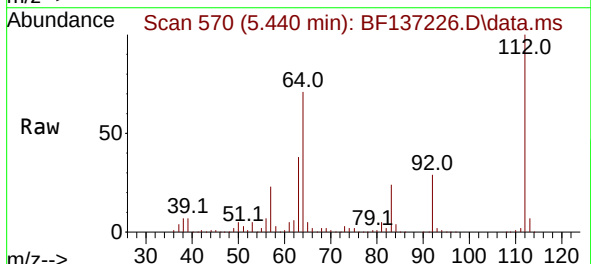
Instrument :
 BNA_F
 ClientSampleId :
 PB158741BL

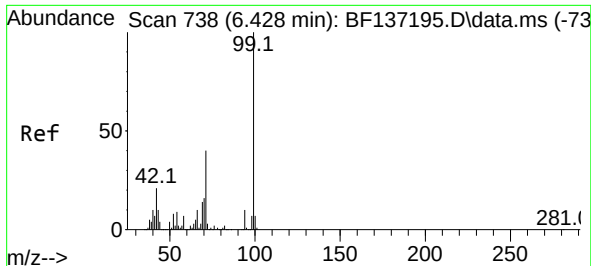
Tgt Ion:152 Resp: 61536
 Ion Ratio Lower Upper
 152 100
 150 155.1 129.8 194.8
 115 62.7 58.5 87.7



#5
 2-Fluorophenol
 Concen: 155.481 ng
 RT: 5.440 min Scan# 570
 Delta R.T. 0.024 min
 Lab File: BF137226.D
 Acq: 01 Feb 2024 12:18

Tgt Ion:112 Resp: 579830
 Ion Ratio Lower Upper
 112 100
 64 70.8 57.8 86.6
 63 37.6 31.4 47.0

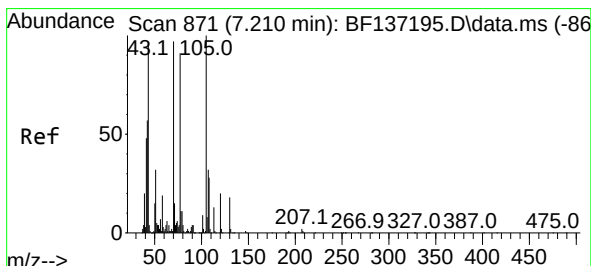
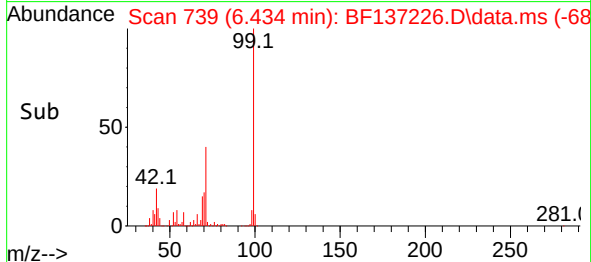
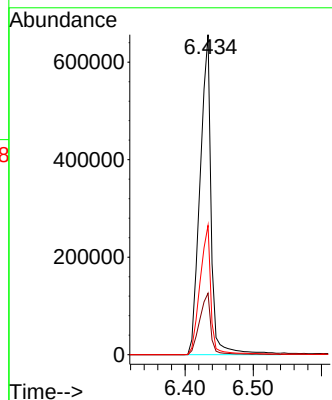
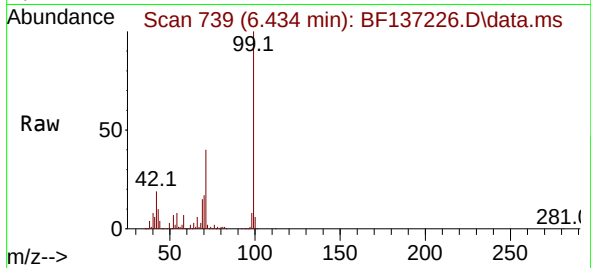




#7
Phenol-d6
Concen: 139.807 ng
RT: 6.434 min Scan# 71
Delta R.T. 0.006 min
Lab File: BF137226.D
Acq: 01 Feb 2024 12:18

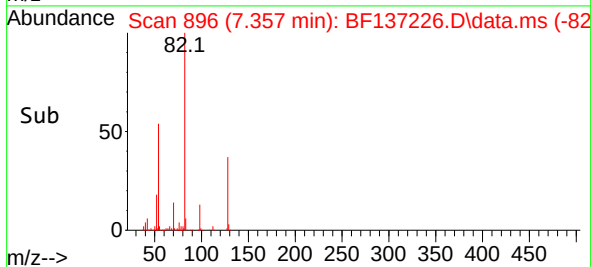
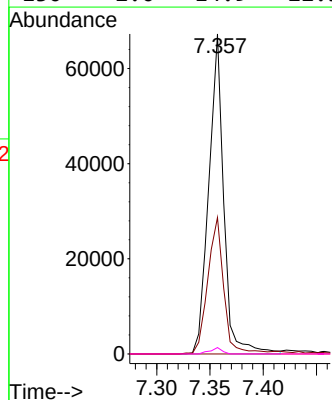
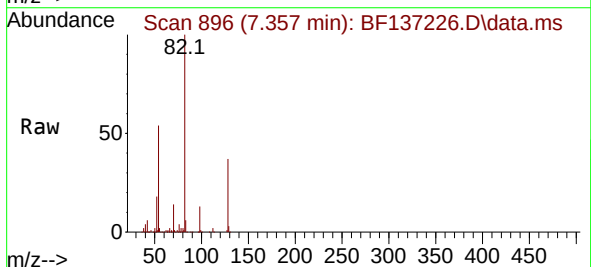
Instrument :
BNA_F
ClientSampleId :
PB158741BL

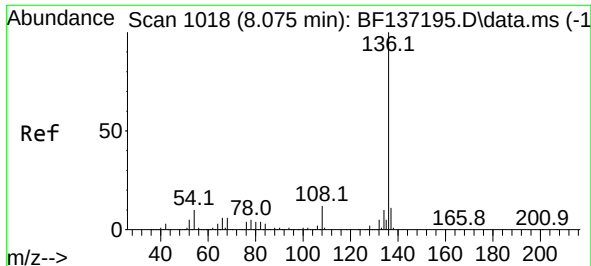
Tgt Ion: 99 Resp: 744061
Ion Ratio Lower Upper
99 100
42 19.2 16.4 24.6
71 40.4 32.4 48.6



#19
n-Nitroso-di-n-propylamine
Concen: 18.099 ng
RT: 7.357 min Scan# 896
Delta R.T. 0.147 min
Lab File: BF137226.D
Acq: 01 Feb 2024 12:18

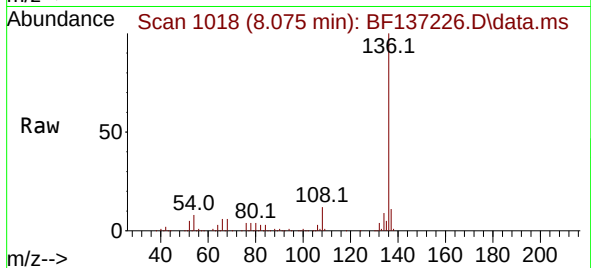
Tgt Ion: 70 Resp: 66044
Ion Ratio Lower Upper
70 100
42 42.6 47.2 70.8#
101 0.0 7.4 11.0#
130 2.0 14.9 22.3#



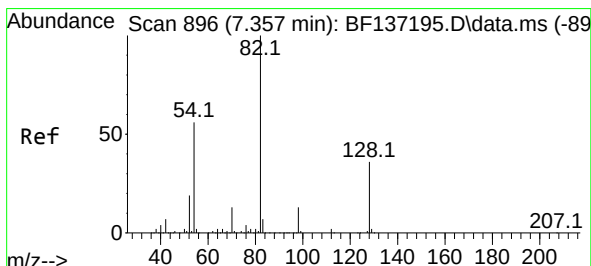
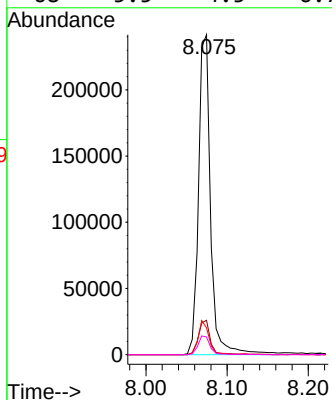
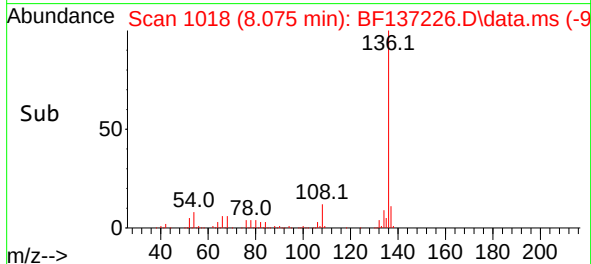


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.075 min Scan# 1018
Delta R.T. -0.000 min
Lab File: BF137226.D
Acq: 01 Feb 2024 12:18

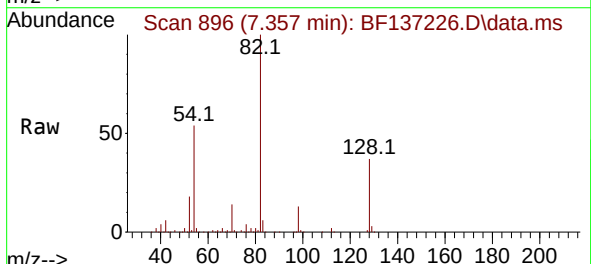
Instrument :
BNA_F
ClientSampleId :
PB158741BL



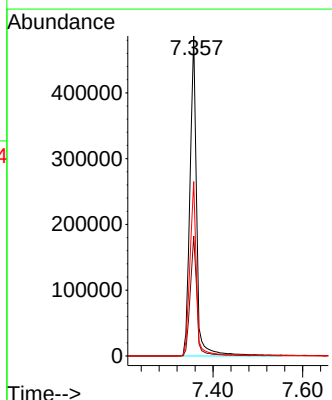
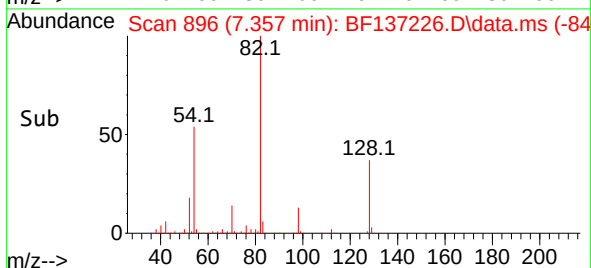
Tgt Ion:	136	Resp:	250184
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.9	13.3
54	8.4	7.8	11.8
68	5.5	4.5	6.7

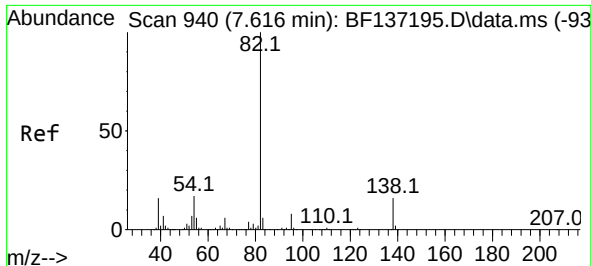


#23
Nitrobenzene-d5
Concen: 90.744 ng
RT: 7.357 min Scan# 896
Delta R.T. 0.000 min
Lab File: BF137226.D
Acq: 01 Feb 2024 12:18



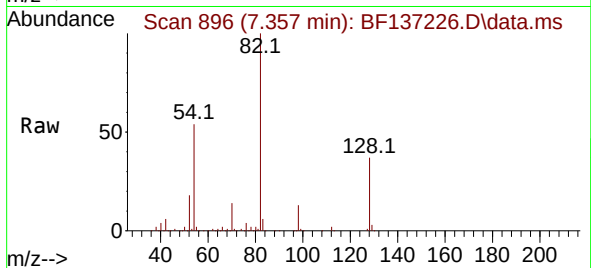
Tgt Ion:	82	Resp:	507080
Ion	Ratio	Lower	Upper
82	100		
128	37.4	29.1	43.7
54	54.5	45.0	67.6



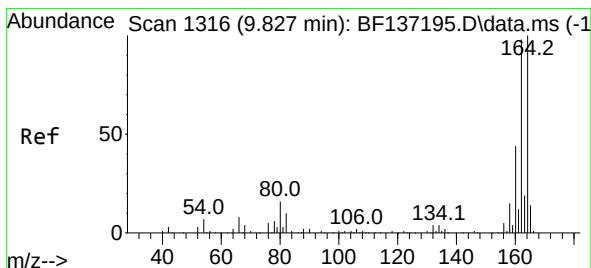
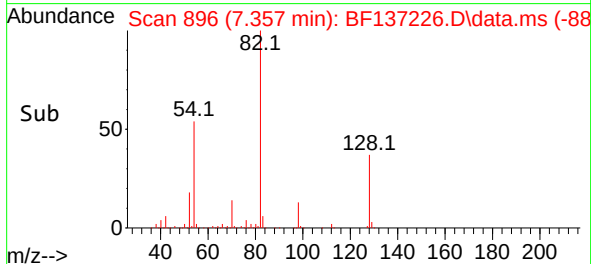
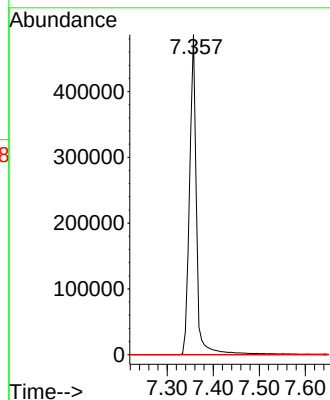


#25
Isophorone
Concen: 49.162 ng
RT: 7.357 min Scan# 896
Delta R.T. -0.259 min
Lab File: BF137226.D
Acq: 01 Feb 2024 12:18

Instrument :
BNA_F
ClientSampleId :
PB158741BL

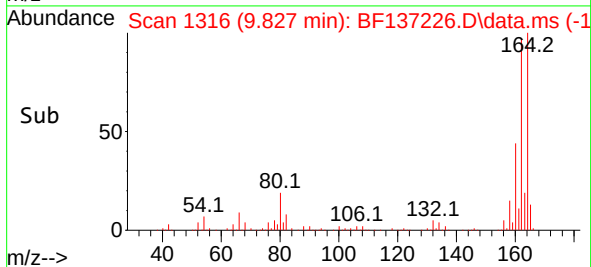
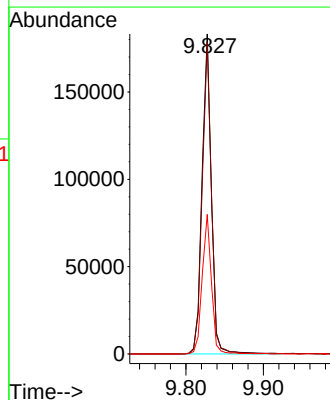
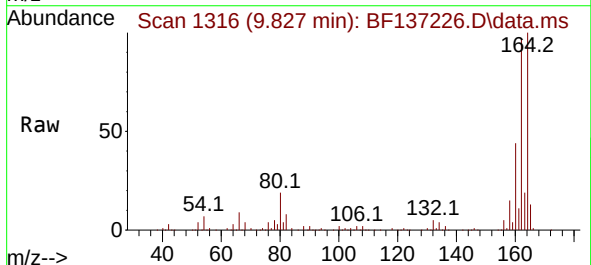


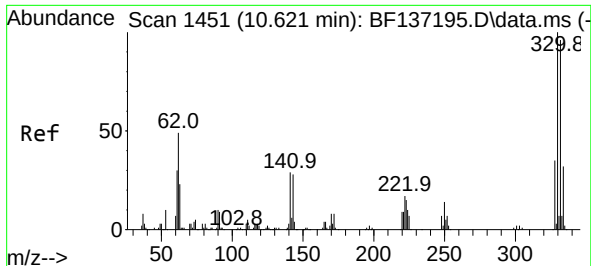
Tgt Ion: 82 Resp: 507077
Ion Ratio Lower Upper
82 100
95 0.0 6.4 9.6#
138 0.0 12.7 19.1#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.827 min Scan# 1316
Delta R.T. 0.000 min
Lab File: BF137226.D
Acq: 01 Feb 2024 12:18

Tgt Ion:164 Resp: 152789
Ion Ratio Lower Upper
164 100
162 97.4 78.3 117.5
160 43.6 35.4 53.2





#42

2,4,6-Tribromophenol

Concen: 140.253 ng

RT: 10.622 min Scan# 1451

Delta R.T. 0.000 min

Lab File: BF137226.D

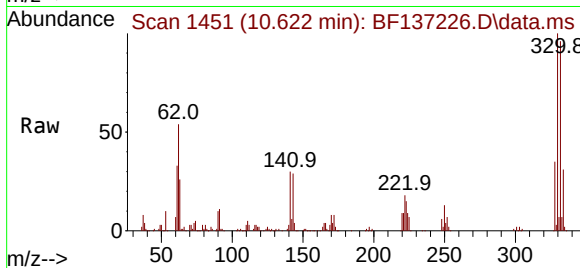
Acq: 01 Feb 2024 12:18

Instrument :

BNA_F

ClientSampleId :

PB158741BL



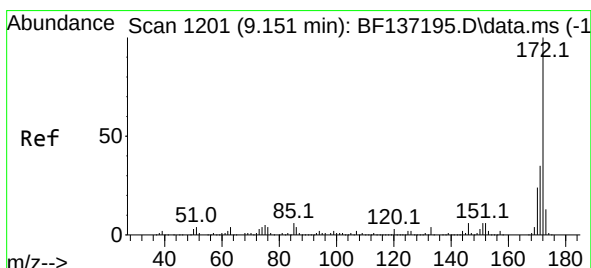
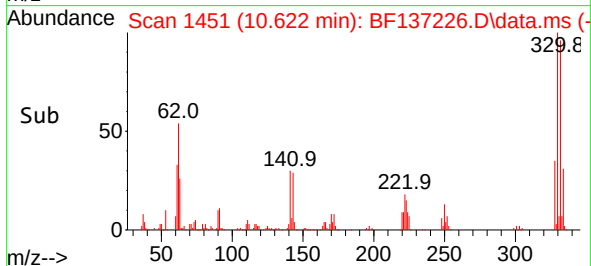
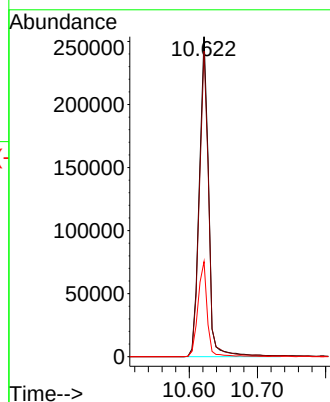
Tgt Ion:330 Resp: 242010

Ion Ratio Lower Upper

330 100

332 95.6 77.3 115.9

141 29.7 25.2 37.8



#45

2-Fluorobiphenyl

Concen: 83.220 ng

RT: 9.151 min Scan# 1201

Delta R.T. 0.000 min

Lab File: BF137226.D

Acq: 01 Feb 2024 12:18

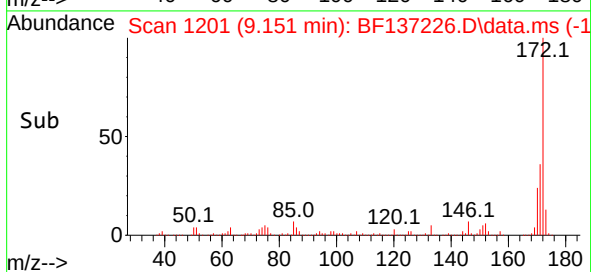
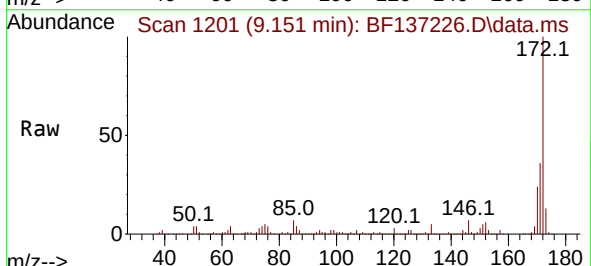
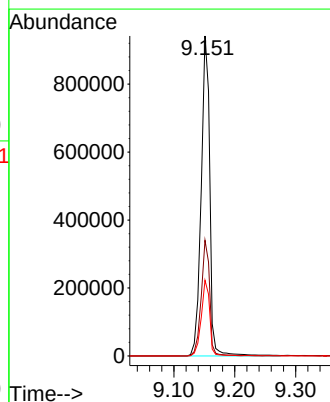
Tgt Ion:172 Resp: 924954

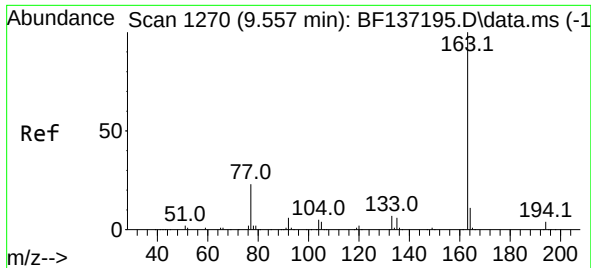
Ion Ratio Lower Upper

172 100

171 36.1 28.3 42.5

170 23.6 19.1 28.7

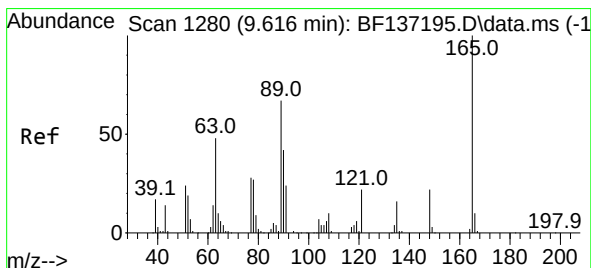
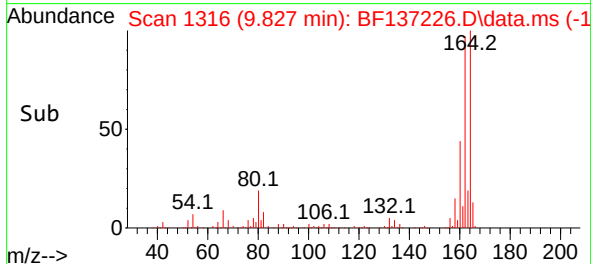
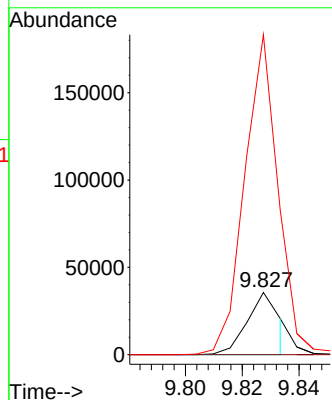
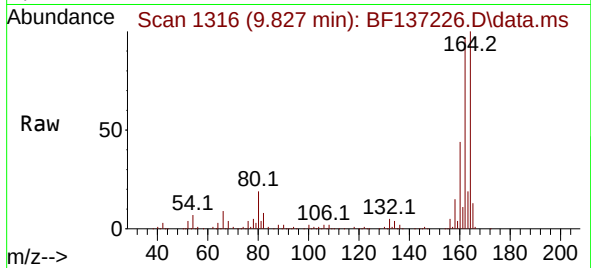




#50
Dimethylphthalate
Concen: 2.706 ng
RT: 9.827 min Scan# 11
Delta R.T. 0.270 min
Lab File: BF137226.D
Acq: 01 Feb 2024 12:18

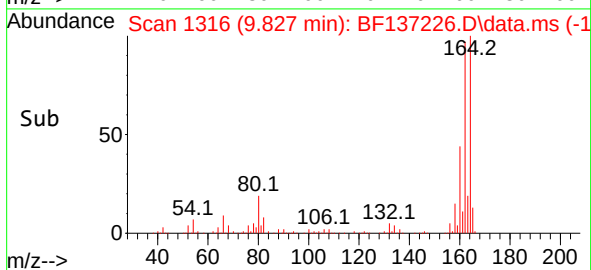
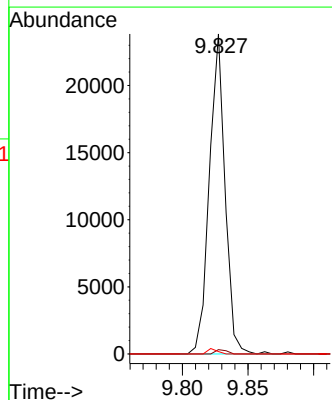
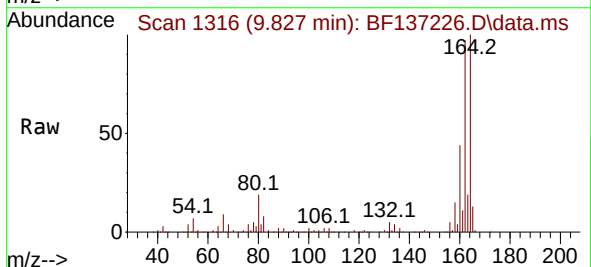
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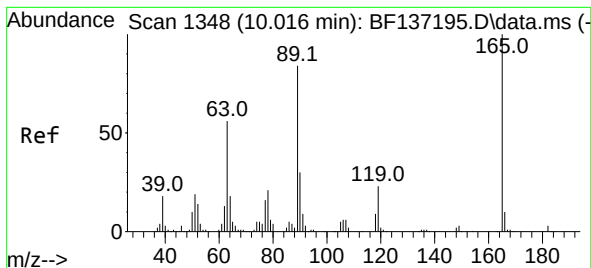
Tgt Ion:163 Resp: 27928
Ion Ratio Lower Upper
163 100
194 0.0 3.3 4.9#
164 513.7 8.6 13.0#



#51
2,6-Dinitrotoluene
Concen: 9.017 ng
RT: 9.827 min Scan# 1316
Delta R.T. 0.212 min
Lab File: BF137226.D
Acq: 01 Feb 2024 12:18

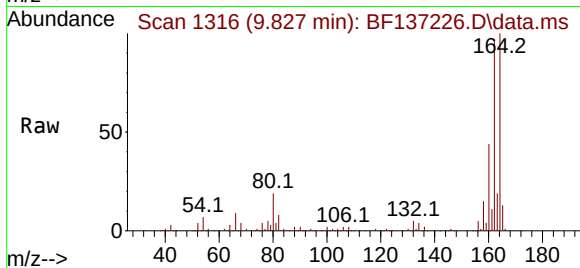
Tgt Ion:165 Resp: 19847
Ion Ratio Lower Upper
165 100
63 1.4 55.1 82.7#
89 0.7 53.5 80.3#



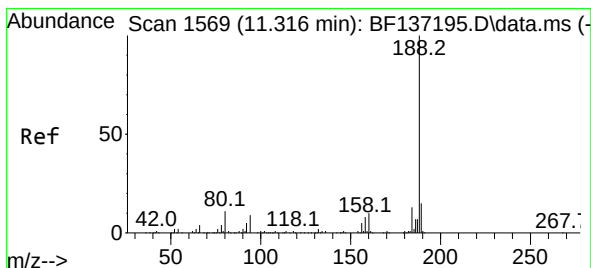
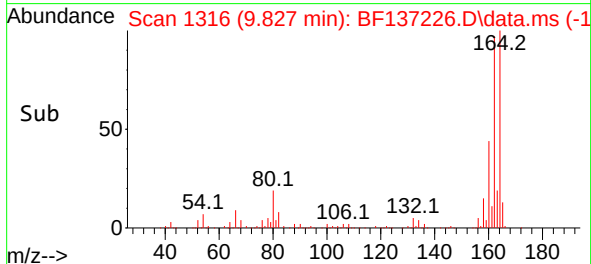
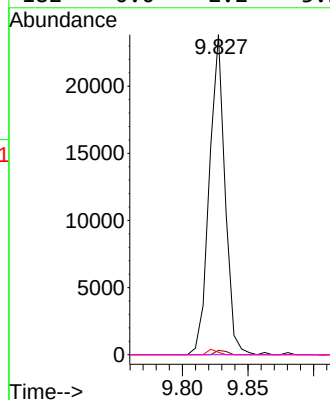


#57
2,4-Dinitrotoluene
Concen: 6.949 ng
RT: 9.827 min Scan# 11
Delta R.T. -0.188 min
Lab File: BF137226.D
Acq: 01 Feb 2024 12:18

Instrument :
BNA_F
ClientSampleId :
PB158741BL

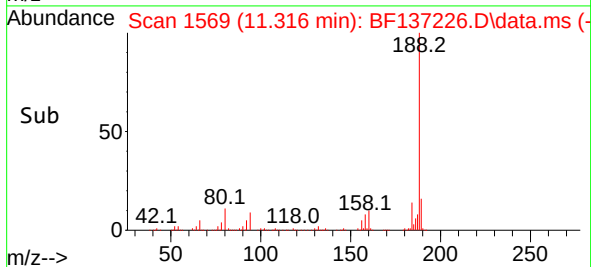
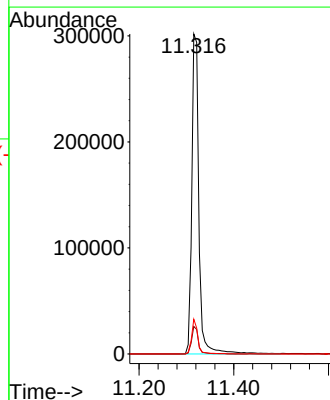
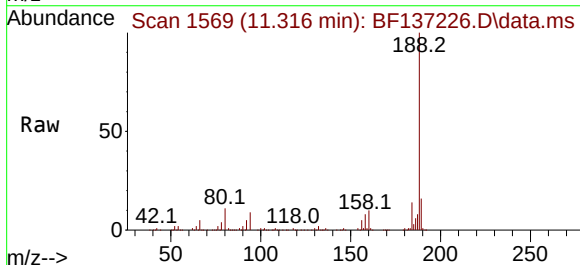


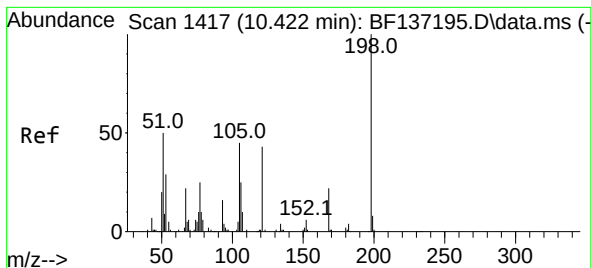
Tgt Ion:165 Resp: 19847
Ion Ratio Lower Upper
165 100
63 1.4 46.1 69.1#
89 0.7 67.5 101.3#
182 0.0 2.2 3.2#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.316 min Scan# 1569
Delta R.T. -0.000 min
Lab File: BF137226.D
Acq: 01 Feb 2024 12:18

Tgt Ion:188 Resp: 312604
Ion Ratio Lower Upper
188 100
94 8.6 7.0 10.4
80 10.9 8.8 13.2

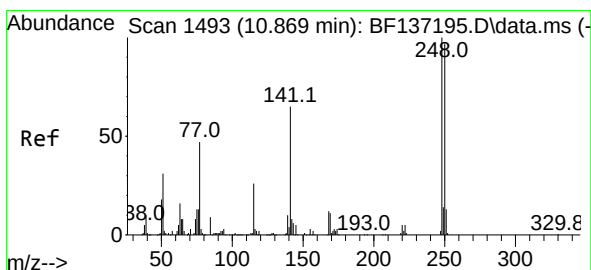
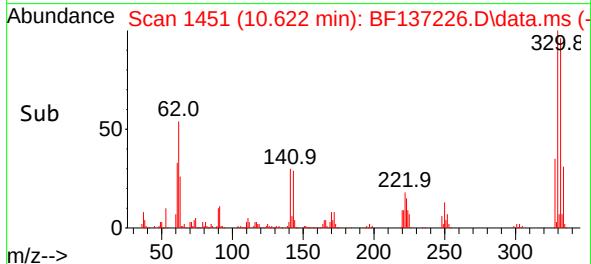
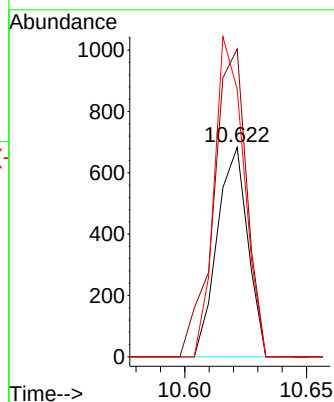
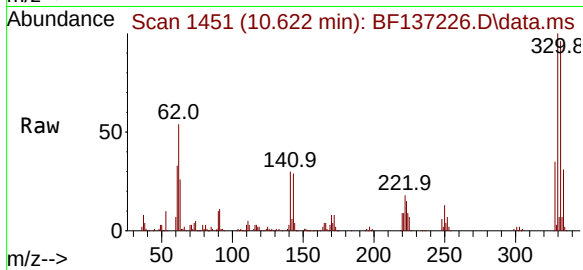




#65
4,6-Dinitro-2-methylphenol
Concen: 5.773 ng
RT: 10.622 min Scan# 1417
Delta R.T. 0.200 min
Lab File: BF137226.D
Acq: 01 Feb 2024 12:18

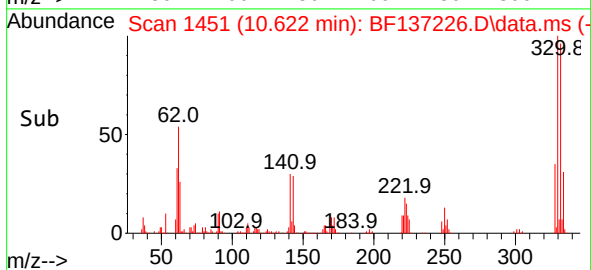
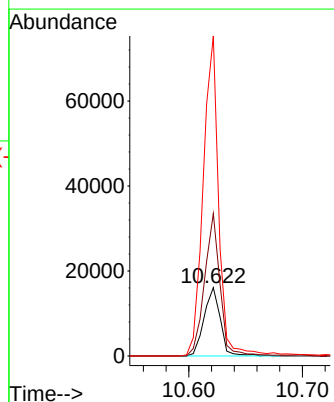
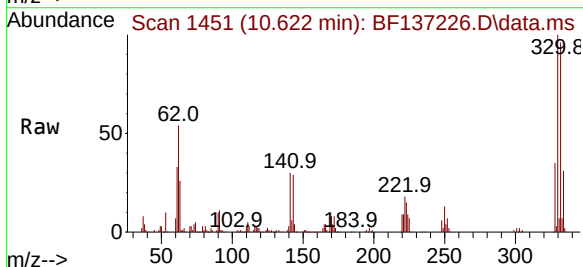
Instrument :
BNA_F
ClientSampleId :
PB158741BL

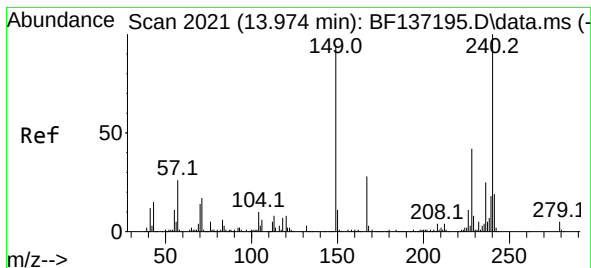
Tgt Ion:198 Resp: 595
Ion Ratio Lower Upper
198 100
51 147.0 40.9 80.9#
105 127.8 26.5 66.5#



#67
4-Bromophenyl-phenylether
Concen: 4.645 ng
RT: 10.622 min Scan# 1451
Delta R.T. -0.247 min
Lab File: BF137226.D
Acq: 01 Feb 2024 12:18

Tgt Ion:248 Resp: 15967
Ion Ratio Lower Upper
248 100
250 208.3 77.7 116.5#
141 468.1 51.6 77.4#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.974 min Scan# 20

Delta R.T. 0.000 min

Lab File: BF137226.D

Acq: 01 Feb 2024 12:18

Instrument :

BNA_F

ClientSampleId :

PB158741BL

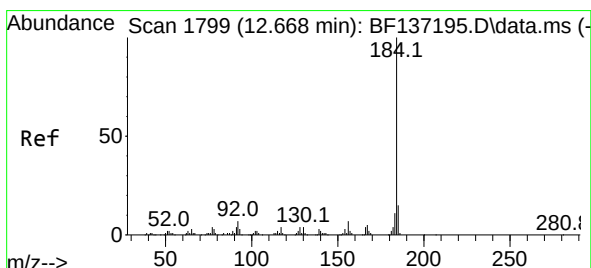
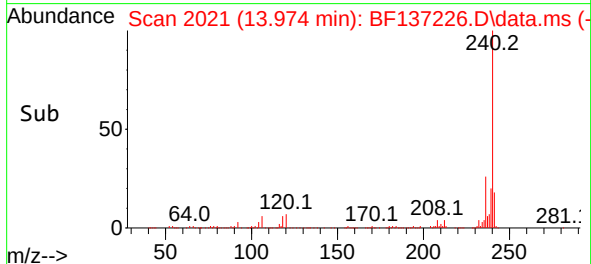
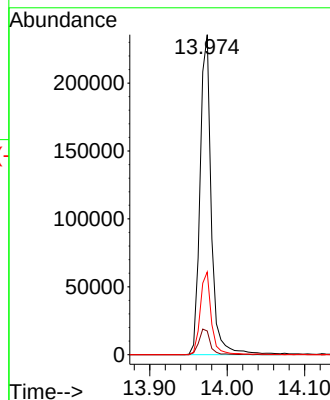
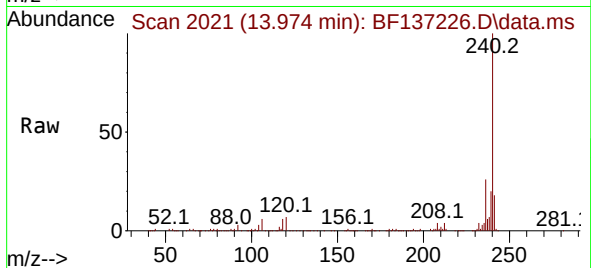
Tgt Ion:240 Resp: 236876

Ion Ratio Lower Upper

240 100

120 7.4 6.3 9.5

236 25.8 20.3 30.5



#77

Benidine

Concen: 3.675 ng

RT: 12.921 min Scan# 1842

Delta R.T. 0.253 min

Lab File: BF137226.D

Acq: 01 Feb 2024 12:18

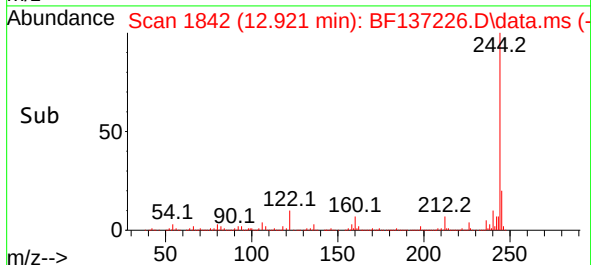
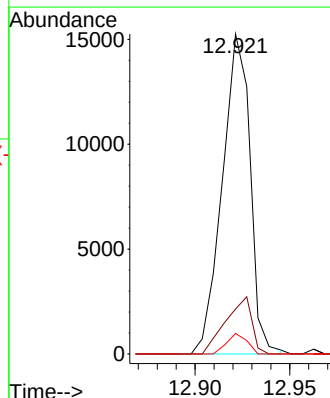
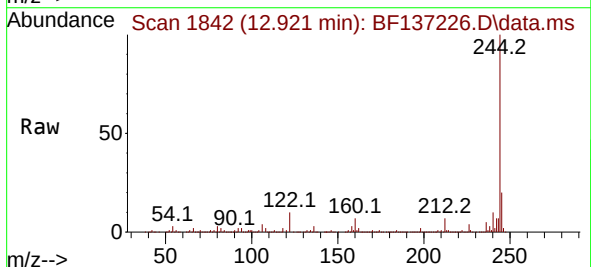
Tgt Ion:184 Resp: 15590

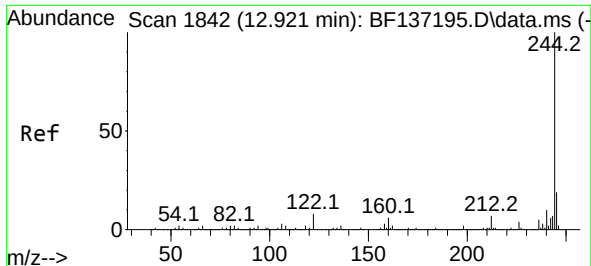
Ion Ratio Lower Upper

184 100

185 14.1 11.9 17.9

183 6.4 8.8 13.2#

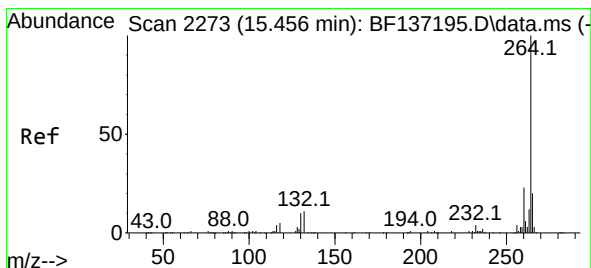
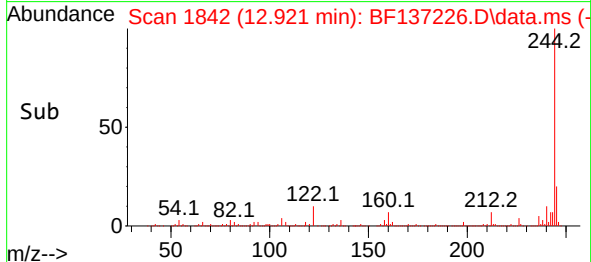
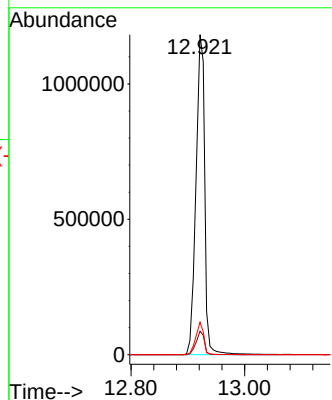
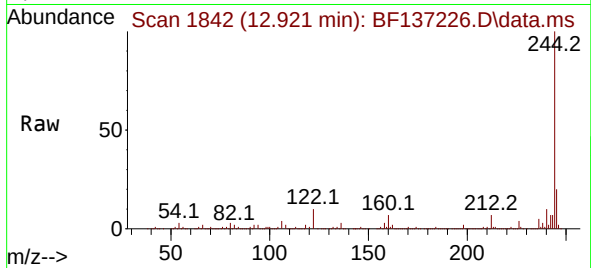




#79
 Terphenyl-d14
 Concen: 73.165 ng
 RT: 12.921 min Scan# 1842
 Delta R.T. 0.000 min
 Lab File: BF137226.D
 Acq: 01 Feb 2024 12:18

Instrument :
 BNA_F
 ClientSampleId :
 PB158741BL

Tgt Ion:244 Resp: 1274865
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.5 8.3
 122 10.1 6.2 9.4#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.457 min Scan# 2273
 Delta R.T. 0.000 min
 Lab File: BF137226.D
 Acq: 01 Feb 2024 12:18

Tgt Ion:264 Resp: 181004
 Ion Ratio Lower Upper
 264 100
 260 23.8 18.2 27.4
 265 21.3 16.2 24.2

