

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF013124\
 Data File : BF137217.D
 Acq On : 31 Jan 2024 18:31
 Operator : CG\JU
 Sample : P1276-06
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-38

Quant Time: Feb 01 01:20:54 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)

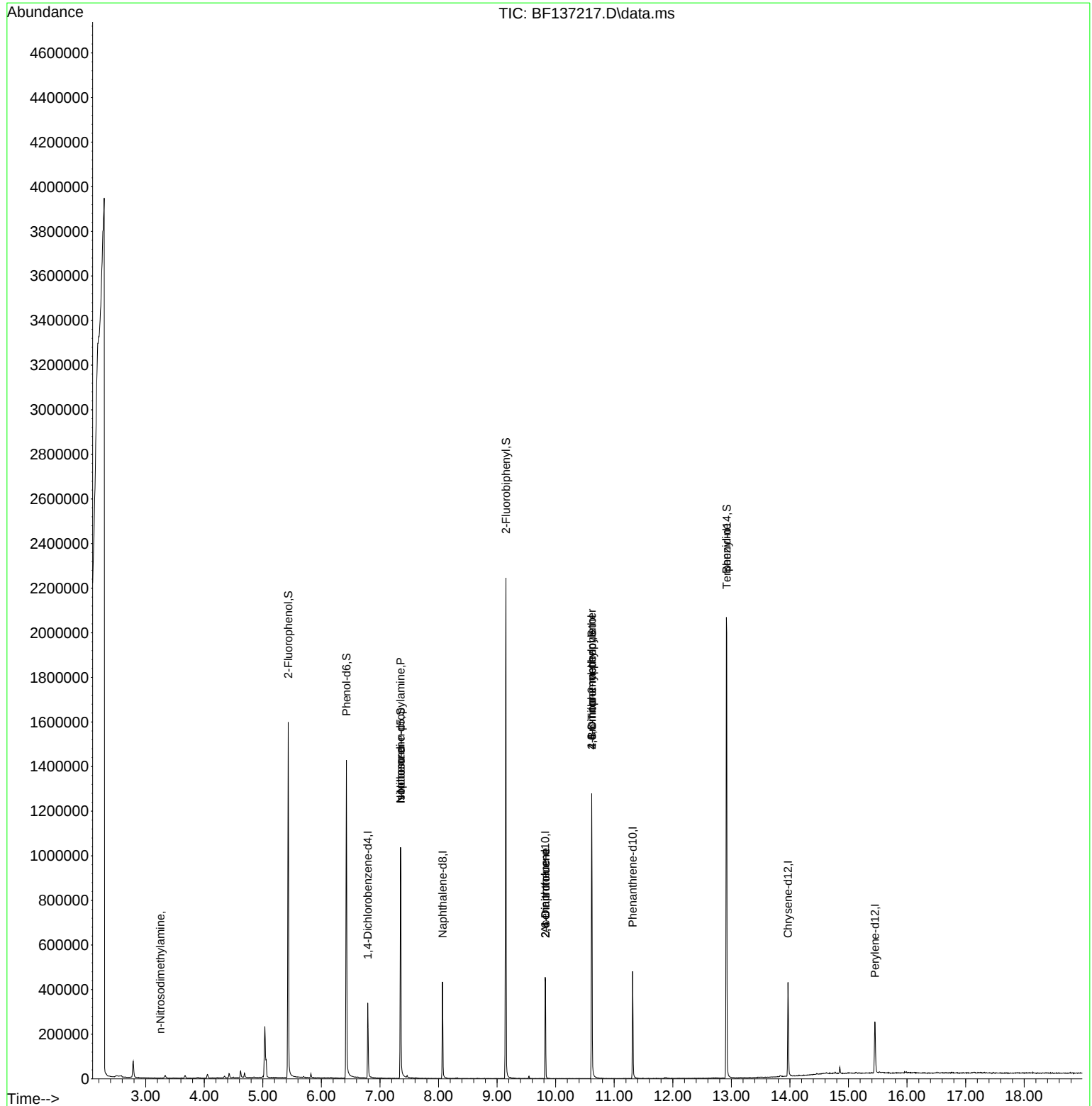
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.792	152	46662	20.000	ng	0.00
21) Naphthalene-d8	8.069	136	171628	20.000	ng	0.00
39) Acenaphthene-d10	9.822	164	96511	20.000	ng	0.00
64) Phenanthrene-d10	11.316	188	176187	20.000	ng	0.00
76) Chrysene-d12	13.968	240	144512	20.000	ng	0.00
86) Perylene-d12	15.451	264	117600	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	408662	144.513	ng	0.02
7) Phenol-d6	6.428	99	481709	119.364	ng	0.00
23) Nitrobenzene-d5	7.351	82	364404	95.060	ng	0.00
42) 2,4,6-Tribromophenol	10.616	330	153634	140.955	ng	0.00
45) 2-Fluorobiphenyl	9.151	172	663056	94.443	ng	0.00
79) Terphenyl-d14	12.921	244	822038	77.330	ng	0.00
Target Compounds						Qvalue
4) n-Nitrosodimethylamine	3.251	42	458	6.319	ng	# 1
19) n-Nitroso-di-n-propyla...	7.351	70	50603	18.288	ng	# 74
25) Isophorone	7.351	82	364401	51.500	ng	# 67
51) 2,6-Dinitrotoluene	9.828	165	12548	9.025	ng	# 18
57) 2,4-Dinitrotoluene	9.828	165	12548	6.956	ng	# 17
65) 4,6-Dinitro-2-methylph...	10.616	198	347	5.784	ng	# 1
67) 4-Bromophenyl-phenylether	10.616	248	9914	5.117	ng	# 1
77) Benzidine	12.916	184	9607	3.713	ng	# 92

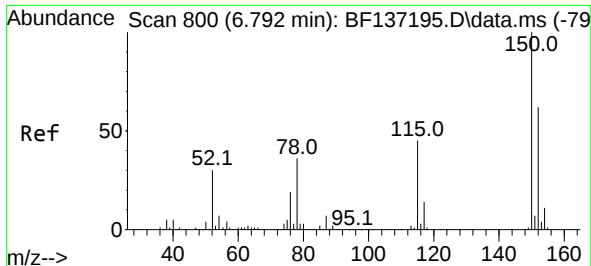
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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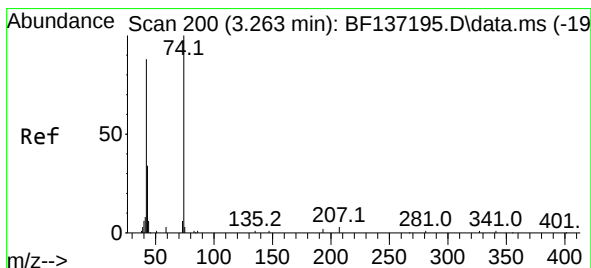
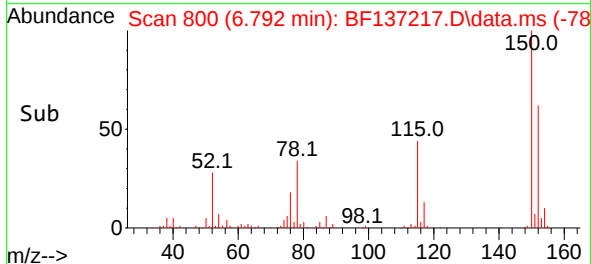
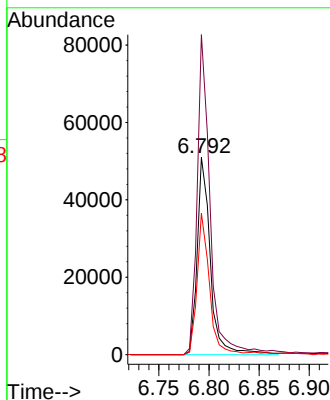
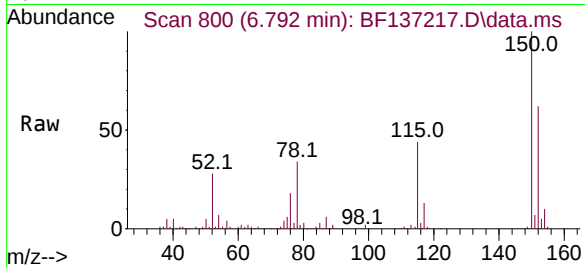




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.792 min Scan# 800
Delta R.T. 0.000 min
Lab File: BF137217.D
Acq: 31 Jan 2024 18:31

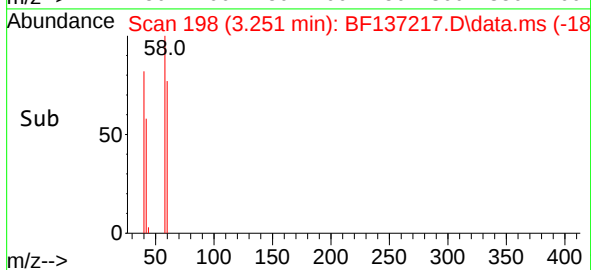
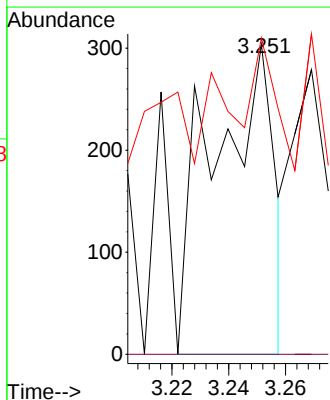
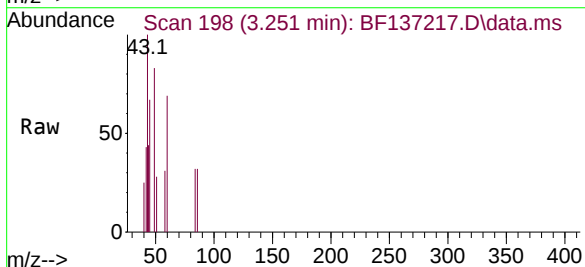
Instrument :
BNA_F
ClientSampleId :
TP-38

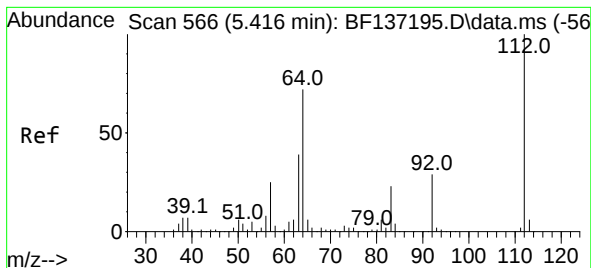
Tgt Ion:152 Resp: 46662
Ion Ratio Lower Upper
152 100
150 162.2 129.8 194.8
115 71.7 58.5 87.7



#4
n-Nitrosodimethylamine
Concen: 6.319 ng
RT: 3.251 min Scan# 198
Delta R.T. -0.012 min
Lab File: BF137217.D
Acq: 31 Jan 2024 18:31

Tgt Ion: 42 Resp: 458
Ion Ratio Lower Upper
42 100
74 0.0 90.5 135.7#
44 102.0 6.1 9.1#





#5

2-Fluorophenol

Concen: 144.513 ng

RT: 5.434 min Scan# 566

Delta R.T. 0.018 min

Lab File: BF137217.D

Acq: 31 Jan 2024 18:31

Instrument :

BNA_F

ClientSampleId :

TP-38

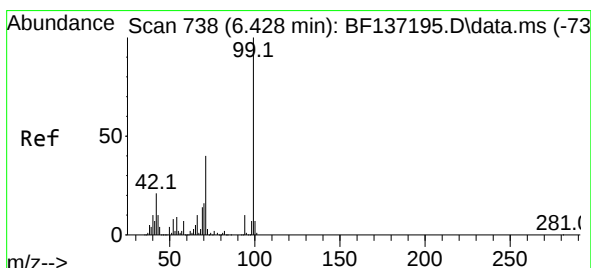
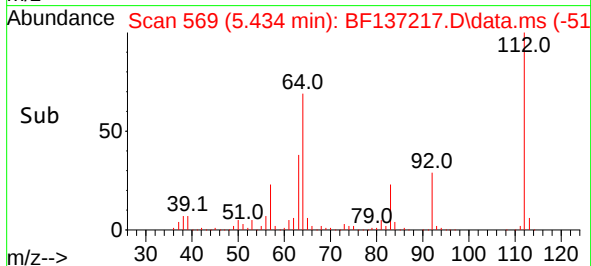
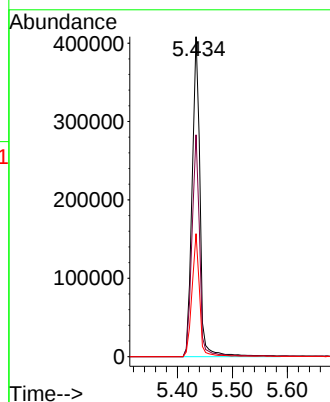
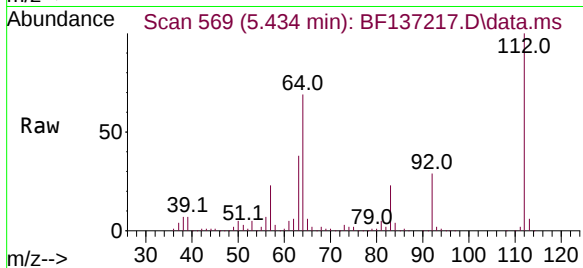
Tgt Ion:112 Resp: 408662

Ion Ratio Lower Upper

112 100

64 69.3 57.8 86.6

63 38.4 31.4 47.0



#7

Phenol-d6

Concen: 119.364 ng

RT: 6.428 min Scan# 738

Delta R.T. 0.000 min

Lab File: BF137217.D

Acq: 31 Jan 2024 18:31

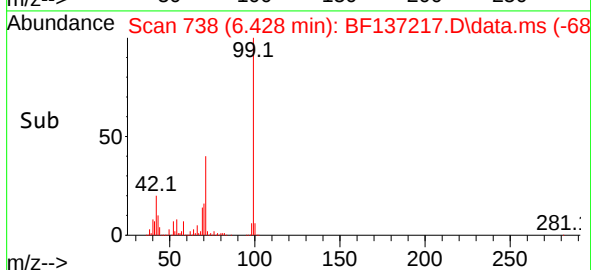
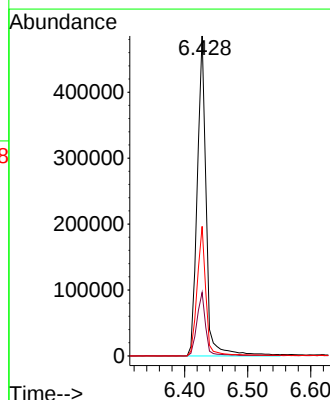
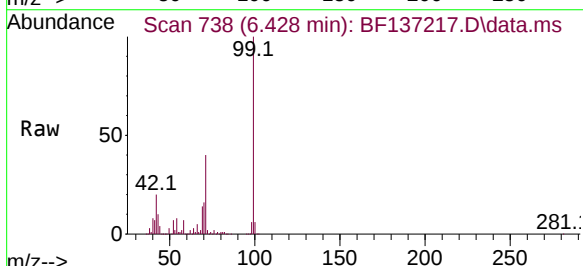
Tgt Ion: 99 Resp: 481709

Ion Ratio Lower Upper

99 100

42 19.8 16.4 24.6

71 40.5 32.4 48.6





#19

n-Nitroso-di-n-propylamine

Concen: 18.288 ng

RT: 7.351 min Scan# 89

Delta R.T. 0.141 min

Lab File: BF137217.D

Acq: 31 Jan 2024 18:31

Instrument :

BNA_F

ClientSampleId :

TP-38

Tgt Ion: 70 Resp: 50603

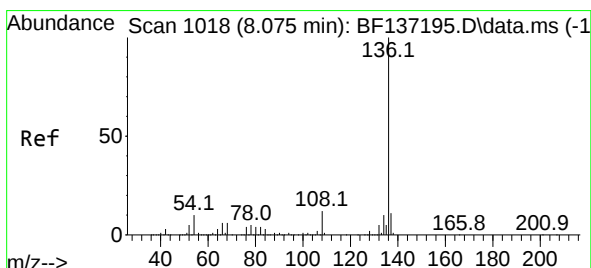
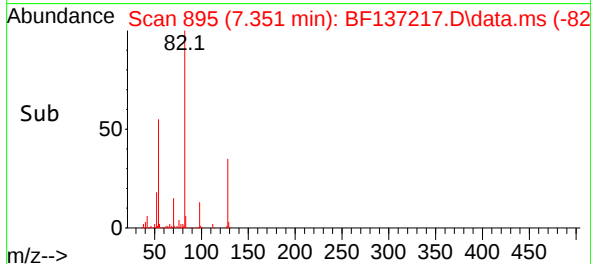
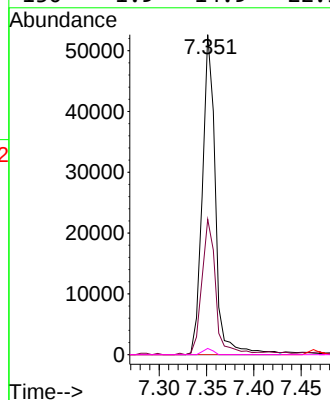
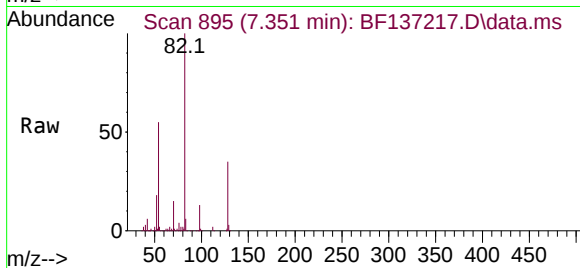
Ion Ratio Lower Upper

70 100

42 42.3 47.2 70.8#

101 0.0 7.4 11.0#

130 1.9 14.9 22.3#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.069 min Scan# 1017

Delta R.T. -0.006 min

Lab File: BF137217.D

Acq: 31 Jan 2024 18:31

Tgt Ion: 136 Resp: 171628

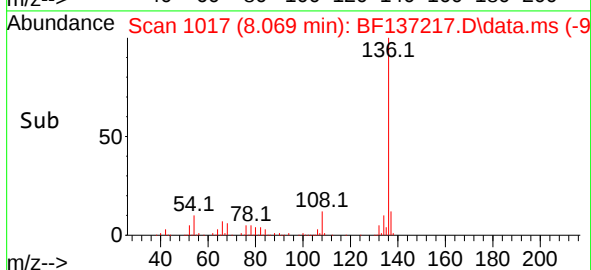
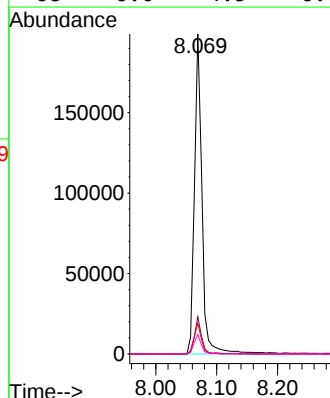
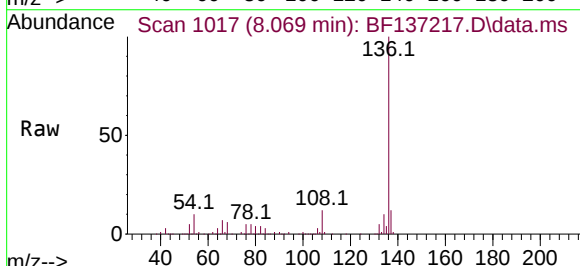
Ion Ratio Lower Upper

136 100

137 11.6 8.9 13.3

54 9.5 7.8 11.8

68 6.0 4.5 6.7





#23

Nitrobenzene-d5

Concen: 95.060 ng

RT: 7.351 min Scan# 895

Delta R.T. -0.006 min

Lab File: BF137217.D

Acq: 31 Jan 2024 18:31

Instrument :

BNA_F

ClientSampleId :

TP-38

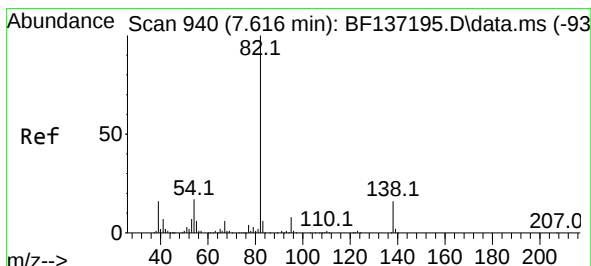
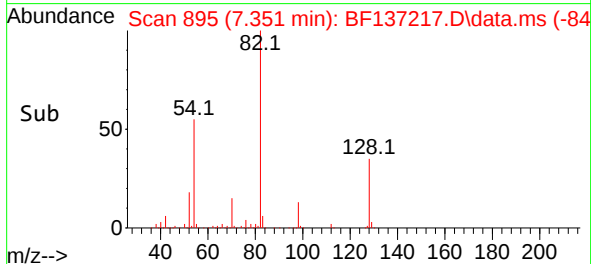
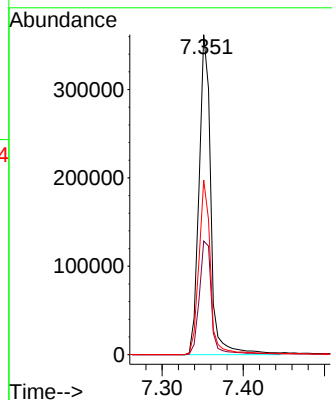
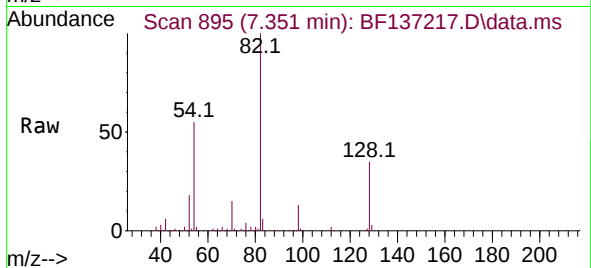
Tgt Ion: 82 Resp: 364404

Ion Ratio Lower Upper

82 100

128 35.5 29.1 43.7

54 54.5 45.0 67.6



#25

Isophorone

Concen: 51.500 ng

RT: 7.351 min Scan# 895

Delta R.T. -0.265 min

Lab File: BF137217.D

Acq: 31 Jan 2024 18:31

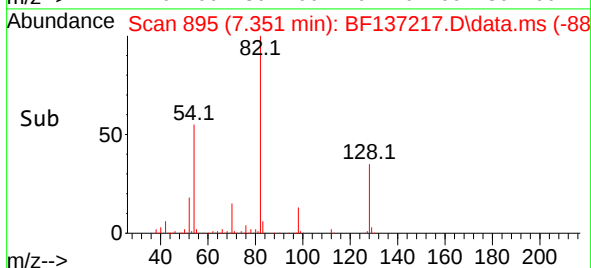
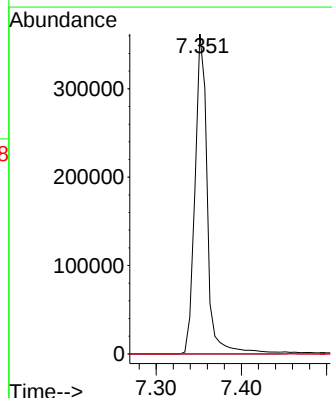
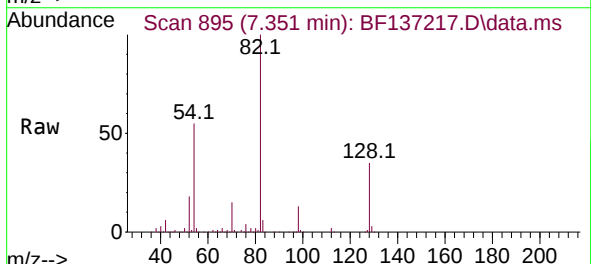
Tgt Ion: 82 Resp: 364401

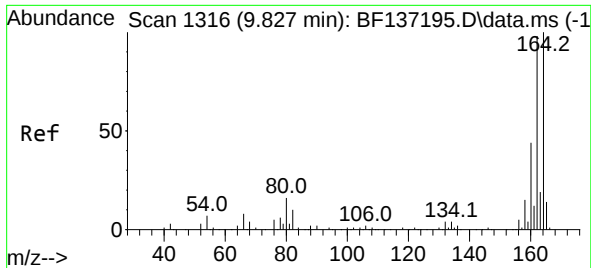
Ion Ratio Lower Upper

82 100

95 0.0 6.4 9.6#

138 0.0 12.7 19.1#

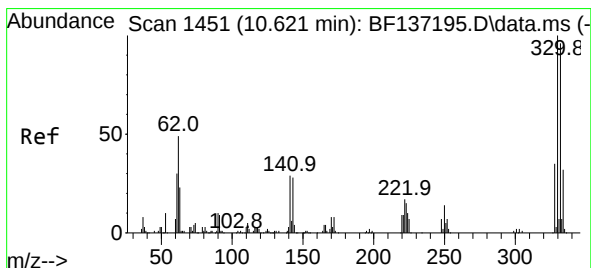
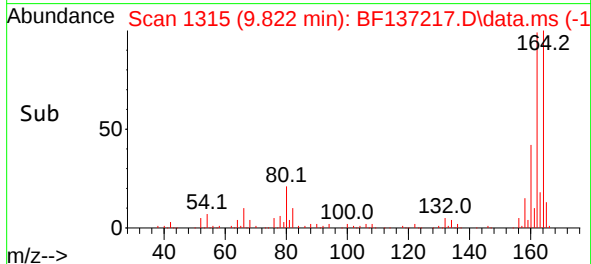
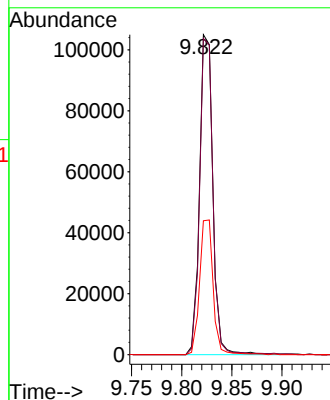
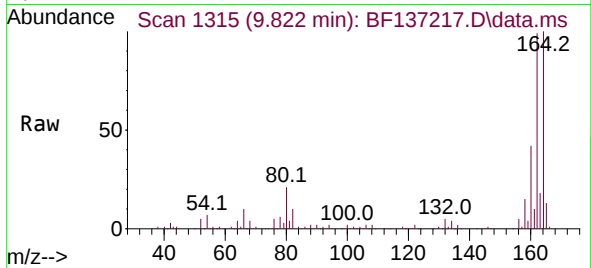




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.822 min Scan# 1316
Delta R.T. -0.005 min
Lab File: BF137217.D
Acq: 31 Jan 2024 18:31

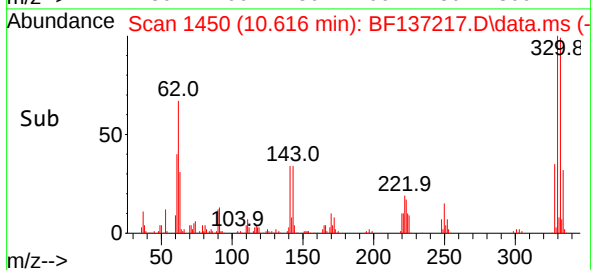
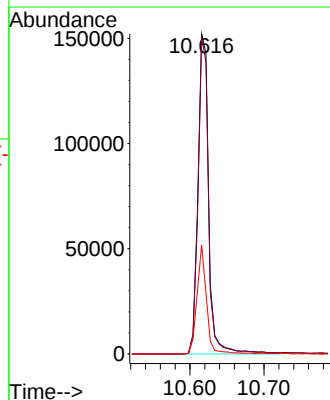
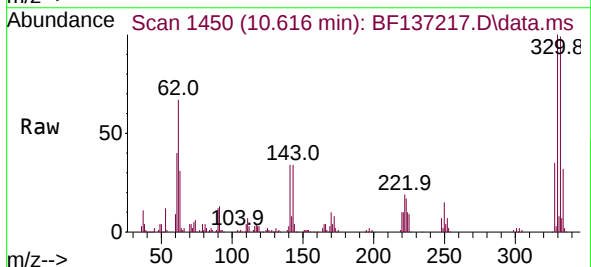
Instrument :
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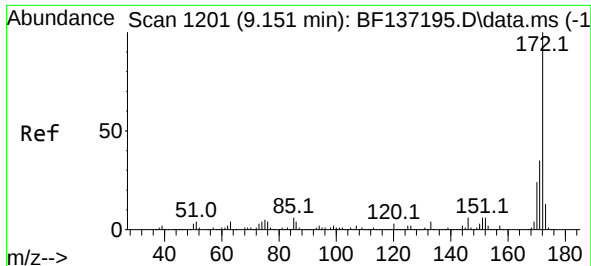
Tgt Ion:164 Resp: 96511
Ion Ratio Lower Upper
164 100
162 98.8 78.3 117.5
160 41.8 35.4 53.2



#42
2,4,6-Tribromophenol
Concen: 140.955 ng
RT: 10.616 min Scan# 1450
Delta R.T. -0.006 min
Lab File: BF137217.D
Acq: 31 Jan 2024 18:31

Tgt Ion:330 Resp: 153634
Ion Ratio Lower Upper
330 100
332 96.7 77.3 115.9
141 30.3 25.2 37.8

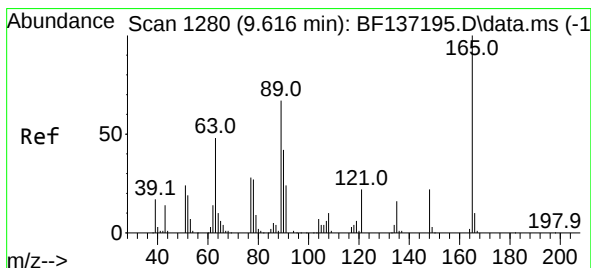
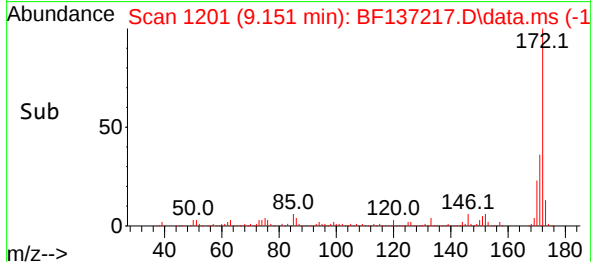
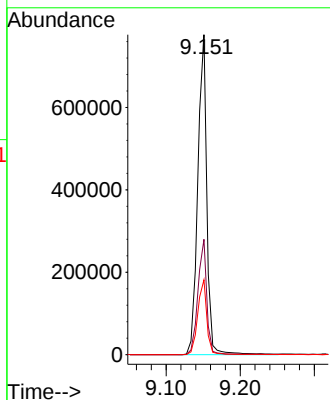
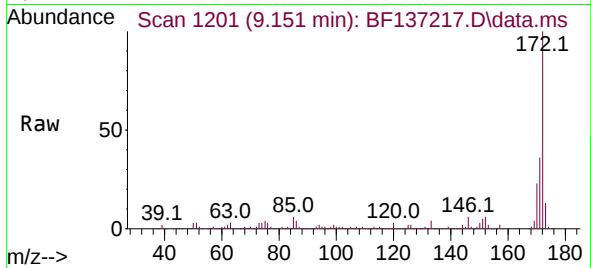




#45
2-Fluorobiphenyl
Concen: 94.443 ng
RT: 9.151 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF137217.D
Acq: 31 Jan 2024 18:31

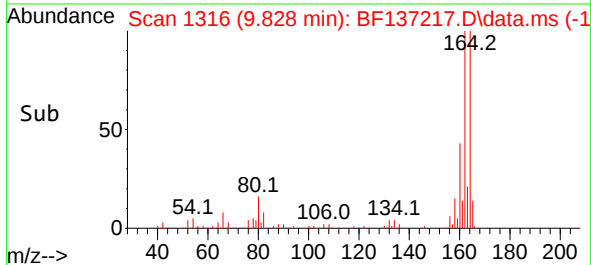
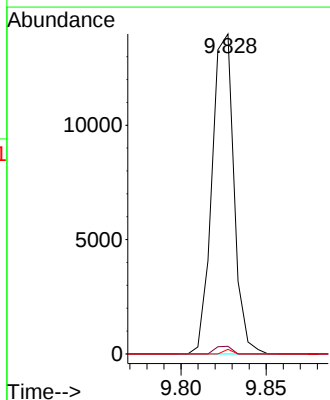
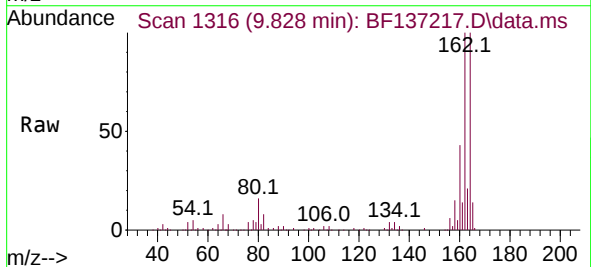
Instrument :
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TP-38

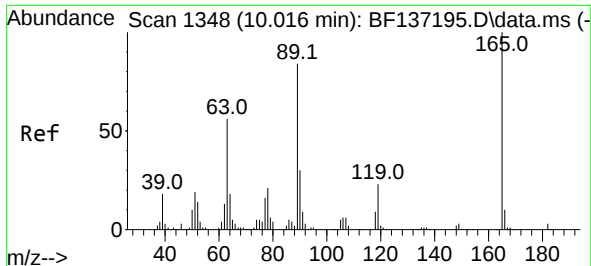
Tgt Ion:172 Resp: 663056
Ion Ratio Lower Upper
172 100
171 36.0 28.3 42.5
170 23.4 19.1 28.7



#51
2,6-Dinitrotoluene
Concen: 9.025 ng
RT: 9.828 min Scan# 1316
Delta R.T. 0.212 min
Lab File: BF137217.D
Acq: 31 Jan 2024 18:31

Tgt Ion:165 Resp: 12548
Ion Ratio Lower Upper
165 100
63 2.4 55.1 82.7#
89 1.4 53.5 80.3#

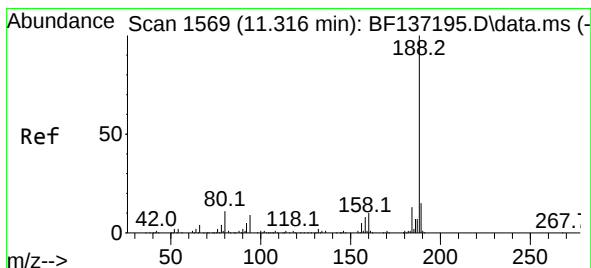
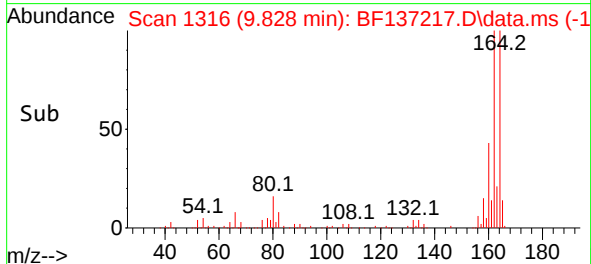
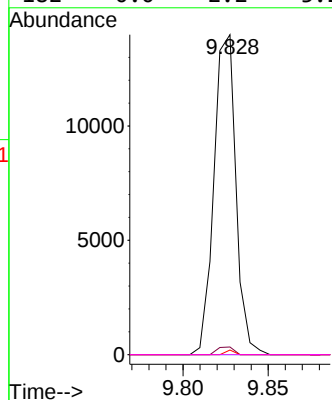
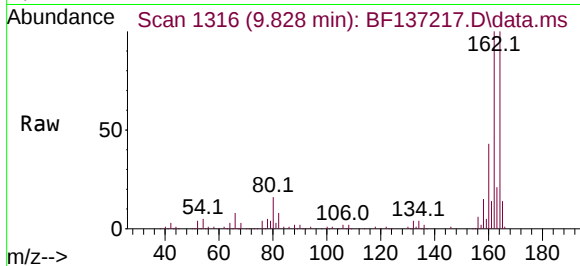




#57
2,4-Dinitrotoluene
Concen: 6.956 ng
RT: 9.828 min Scan# 1316
Delta R.T. -0.188 min
Lab File: BF137217.D
Acq: 31 Jan 2024 18:31

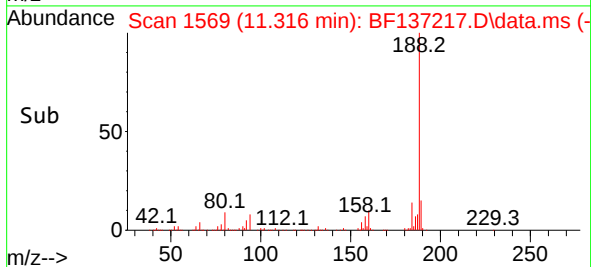
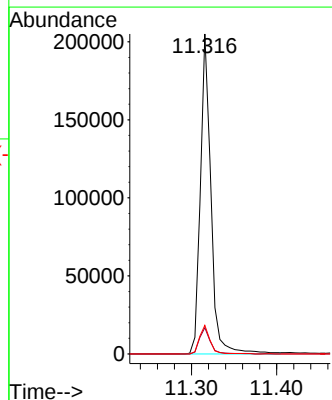
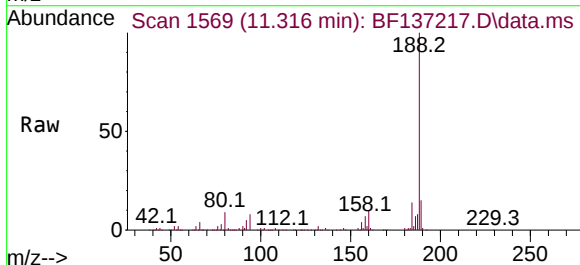
Instrument :
BNA_F
ClientSampleId :
TP-38

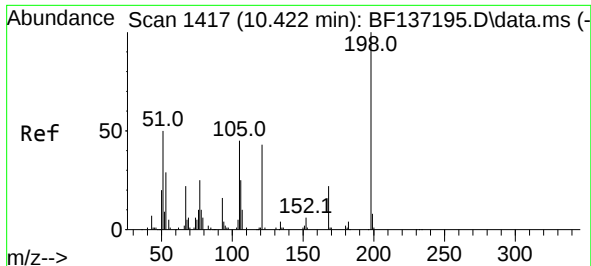
Tgt Ion:165 Resp: 12548
Ion Ratio Lower Upper
165 100
63 2.4 46.1 69.1#
89 1.4 67.5 101.3#
182 0.0 2.2 3.2#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.316 min Scan# 1569
Delta R.T. -0.000 min
Lab File: BF137217.D
Acq: 31 Jan 2024 18:31

Tgt Ion:188 Resp: 176187
Ion Ratio Lower Upper
188 100
94 8.2 7.0 10.4
80 8.9 8.8 13.2

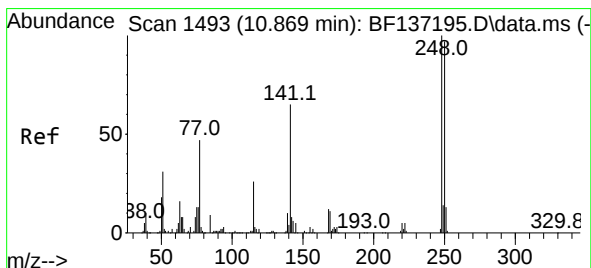
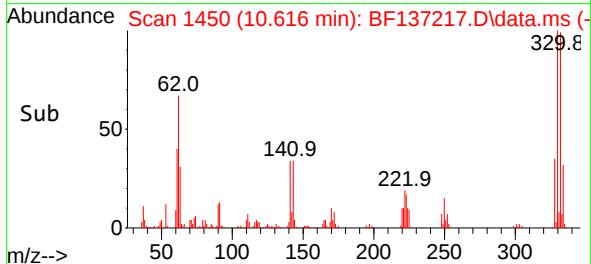
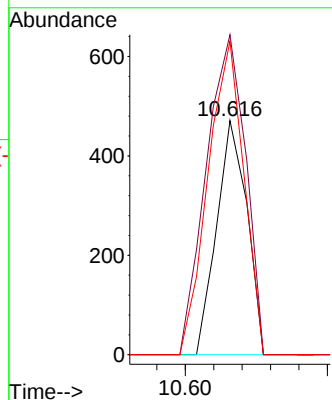
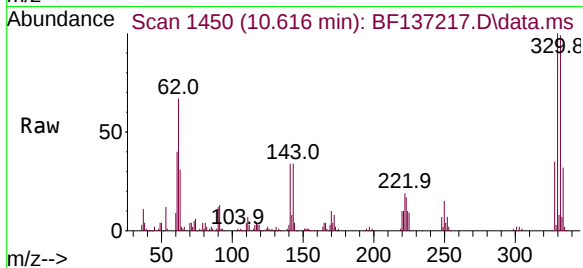




#65
4,6-Dinitro-2-methylphenol
Concen: 5.784 ng
RT: 10.616 min Scan# 1417
Delta R.T. 0.194 min
Lab File: BF137217.D
Acq: 31 Jan 2024 18:31

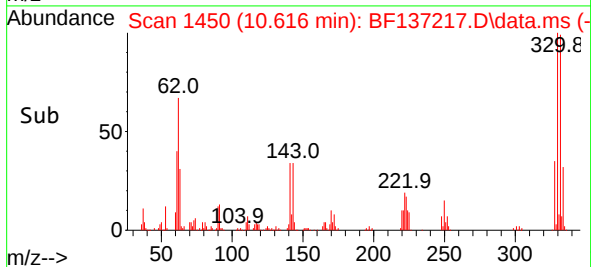
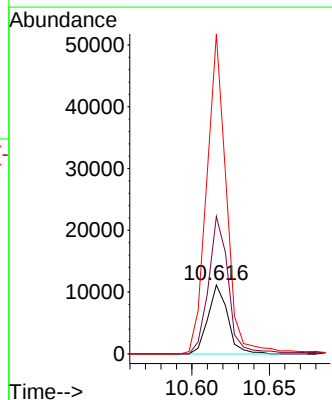
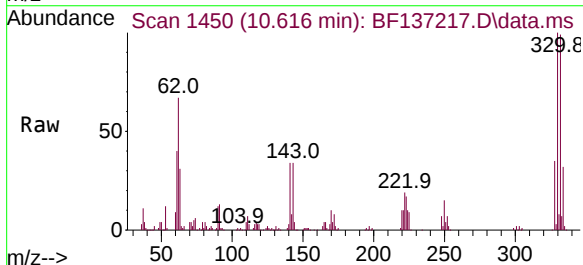
Instrument :
BNA_F
ClientSampleId :
TP-38

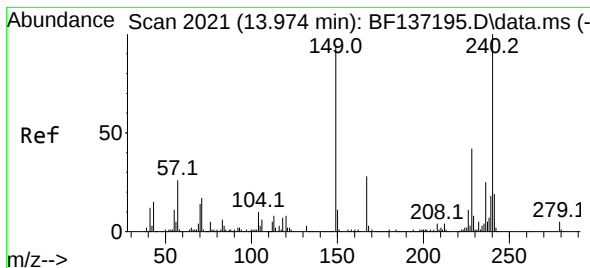
Tgt Ion:198 Resp: 347
Ion Ratio Lower Upper
198 100
51 136.7 40.9 80.9#
105 134.0 26.5 66.5#



#67
4-Bromophenyl-phenylether
Concen: 5.117 ng
RT: 10.616 min Scan# 1450
Delta R.T. -0.253 min
Lab File: BF137217.D
Acq: 31 Jan 2024 18:31

Tgt Ion:248 Resp: 9914
Ion Ratio Lower Upper
248 100
250 199.6 77.7 116.5#
141 464.3 51.6 77.4#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.968 min Scan# 20

Delta R.T. -0.006 min

Lab File: BF137217.D

Acq: 31 Jan 2024 18:31

Instrument :

BNA_F

ClientSampleId :

TP-38

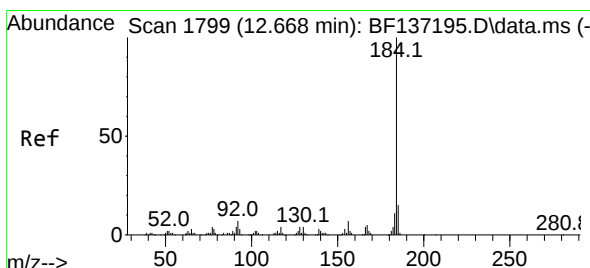
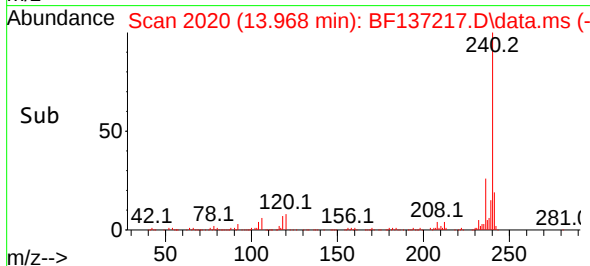
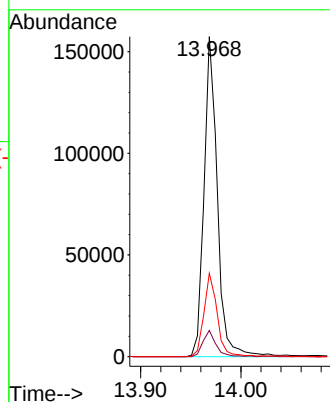
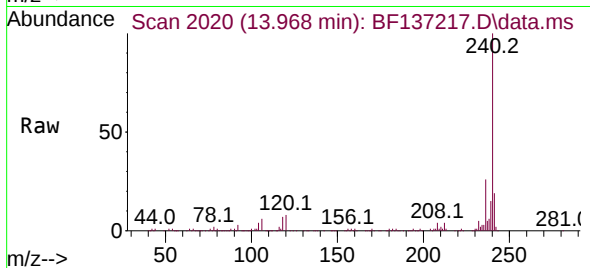
Tgt Ion:240 Resp: 144512

Ion Ratio Lower Upper

240 100

120 8.2 6.3 9.5

236 26.0 20.3 30.5



#77

Benzidine

Concen: 3.713 ng

RT: 12.916 min Scan# 1841

Delta R.T. 0.248 min

Lab File: BF137217.D

Acq: 31 Jan 2024 18:31

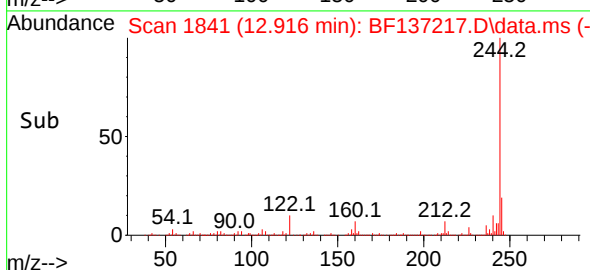
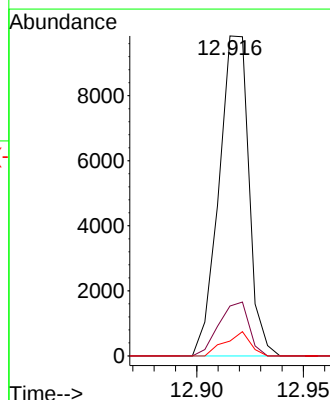
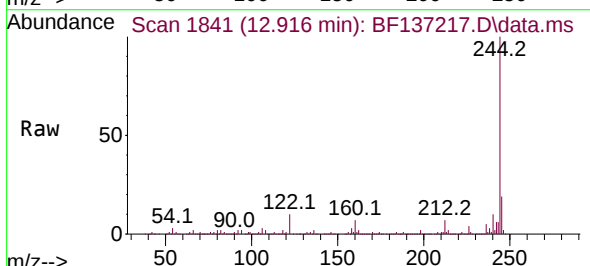
Tgt Ion:184 Resp: 9607

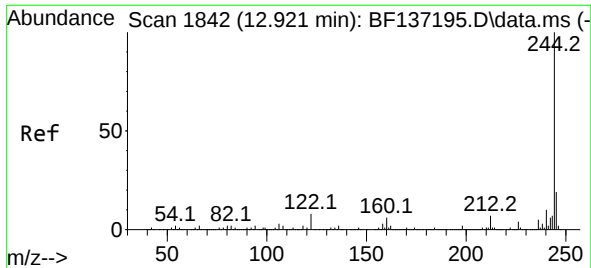
Ion Ratio Lower Upper

184 100

185 15.6 11.9 17.9

183 4.6 8.8 13.2#

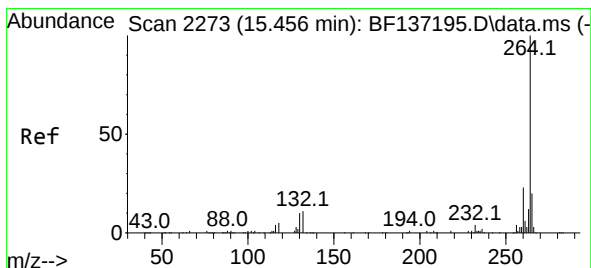
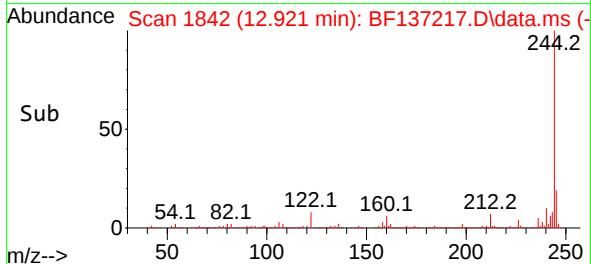
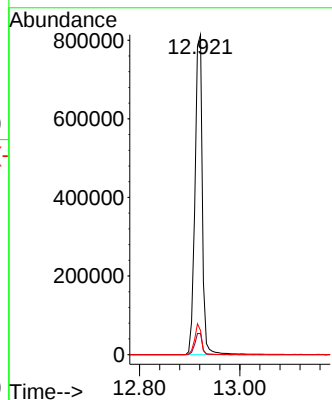
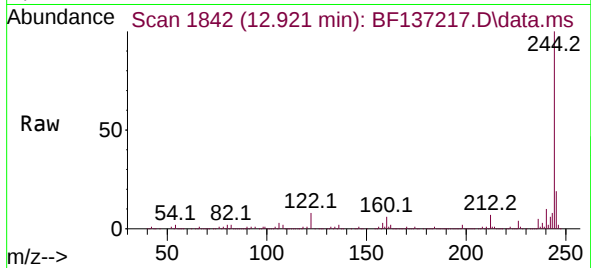




#79
 Terphenyl-d14
 Concen: 77.330 ng
 RT: 12.921 min Scan# 1842
 Delta R.T. 0.000 min
 Lab File: BF137217.D
 Acq: 31 Jan 2024 18:31

Instrument :
 BNA_F
 ClientSampleId :
 TP-38

Tgt Ion:244 Resp: 822038
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.5 8.3
 122 7.5 6.2 9.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.451 min Scan# 2272
 Delta R.T. -0.006 min
 Lab File: BF137217.D
 Acq: 31 Jan 2024 18:31

Tgt Ion:264 Resp: 117600
 Ion Ratio Lower Upper
 264 100
 260 22.5 18.2 27.4
 265 19.8 16.2 24.2

