

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020724\
 Data File : BF137329.D
 Acq On : 07 Feb 2024 19:34
 Operator : CG\JU
 Sample : P1342-08
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FB-20240131

Quant Time: Feb 08 01:09:40 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)

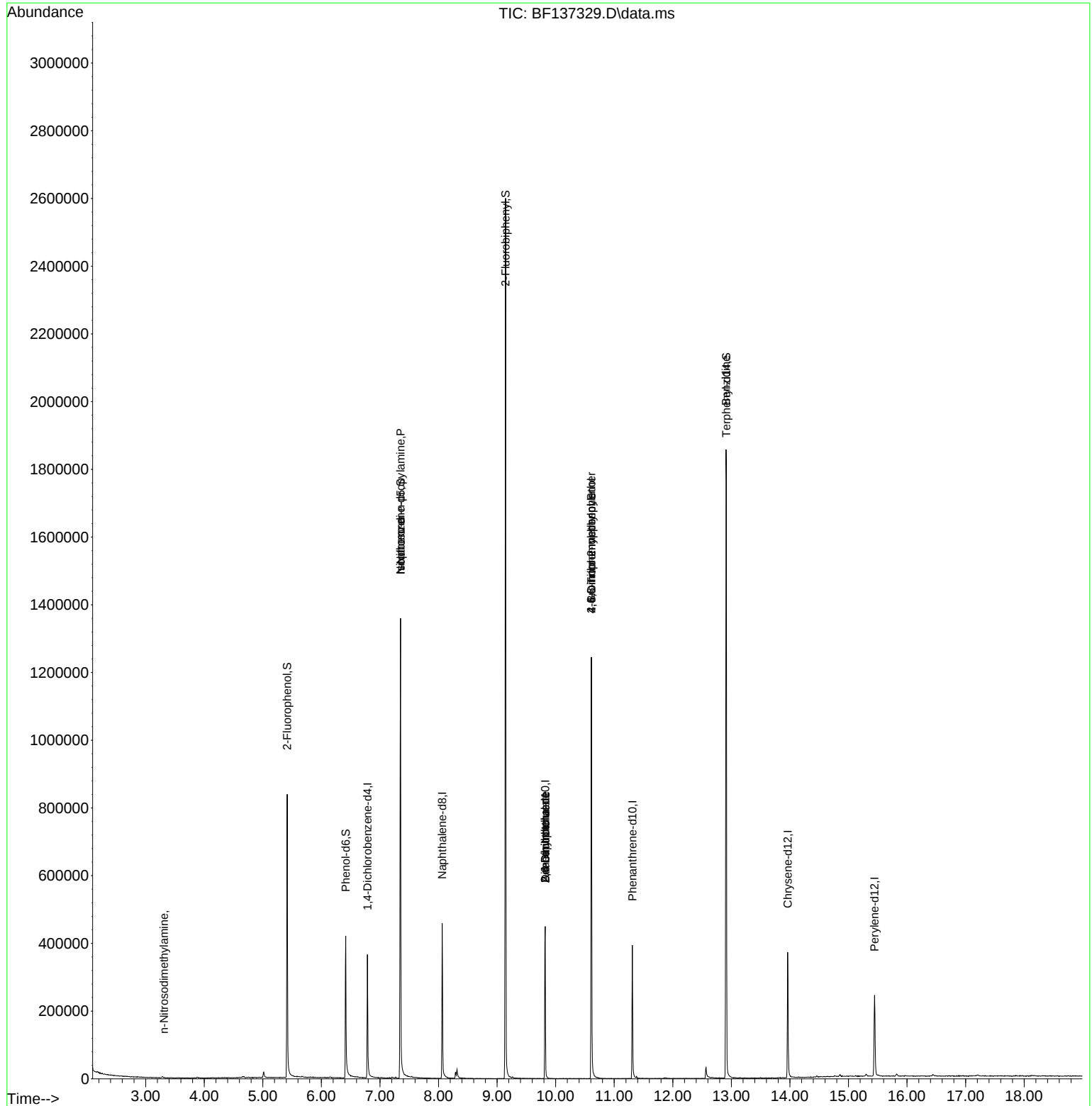
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.787	152	50517	20.000	ng	0.00
21) Naphthalene-d8	8.063	136	191324	20.000	ng	-0.01
39) Acenaphthene-d10	9.822	164	96624	20.000	ng	0.00
64) Phenanthrene-d10	11.310	188	150357	20.000	ng	# 0.00
76) Chrysene-d12	13.963	240	137930	20.000	ng	-0.01
86) Perylene-d12	15.445	264	128084	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.416	112	197639	64.557	ng	0.00
7) Phenol-d6	6.416	99	142205	32.548	ng	-0.01
23) Nitrobenzene-d5	7.351	82	444508	104.019	ng	0.00
42) 2,4,6-Tribromophenol	10.610	330	143798	131.777	ng	-0.01
45) 2-Fluorobiphenyl	9.145	172	726944	103.422	ng	0.00
79) Terphenyl-d14	12.916	244	744613	73.389	ng	0.00
Target Compounds						Qvalue
4) n-Nitrosodimethylamine	3.310	42	55	6.089	ng	# 1
19) n-Nitroso-di-n-propyla...	7.351	70	58715	19.600	ng	# 78
25) Isophorone	7.351	82	444504	56.354	ng	# 67
50) Dimethylphthalate	9.822	163	17083	2.617	ng	# 1
51) 2,6-Dinitrotoluene	9.822	165	12106	8.697	ng	# 18
57) 2,4-Dinitrotoluene	9.822	165	12106	6.703	ng	# 17
65) 4,6-Dinitro-2-methylph...	10.610	198	338	5.831	ng	# 1
67) 4-Bromophenyl-phenylether	10.610	248	9991	6.043	ng	# 1
77) Benzidine	12.910	184	9291	3.762	ng	# 91

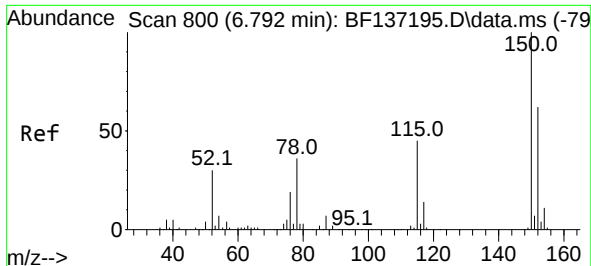
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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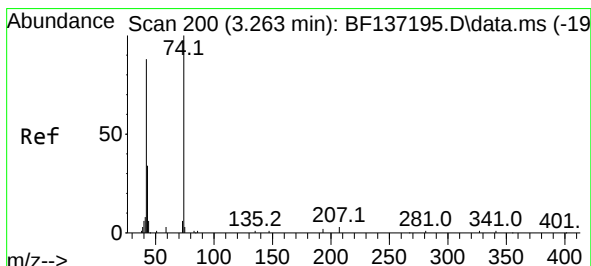
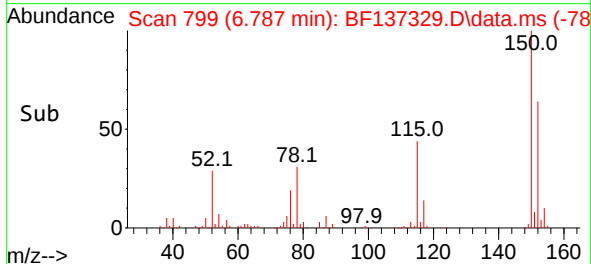
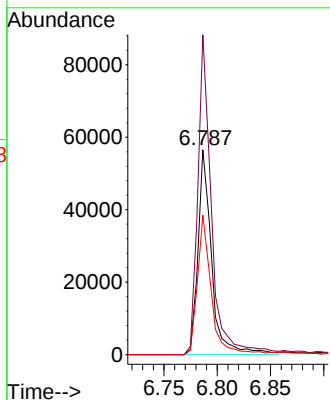
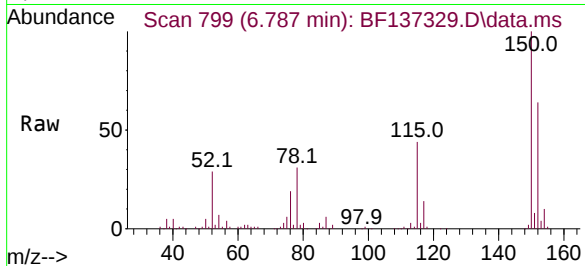




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.787 min Scan# 79
Delta R.T. -0.005 min
Lab File: BF137329.D
Acq: 07 Feb 2024 19:34

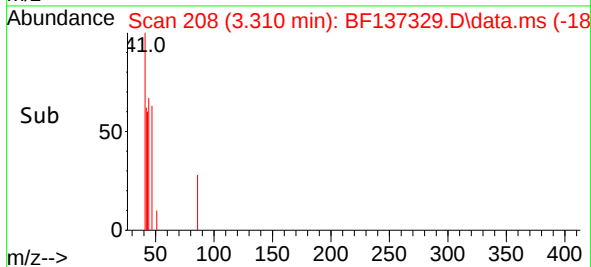
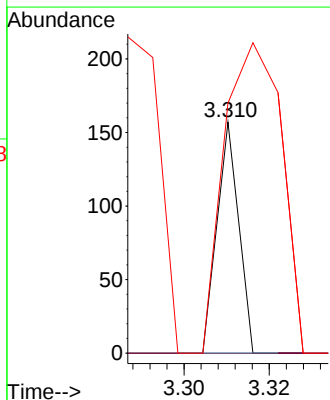
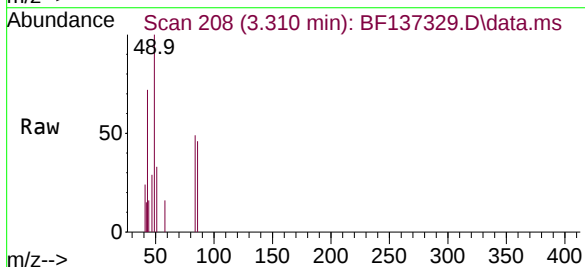
Instrument :
BNA_F
ClientSampleId :
FB-20240131

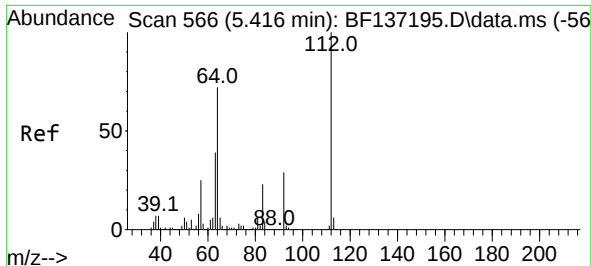
Tgt Ion:152 Resp: 50517
Ion Ratio Lower Upper
152 100
150 156.2 129.8 194.8
115 68.1 58.5 87.7



#4
n-Nitrosodimethylamine
Concen: 6.089 ng
RT: 3.310 min Scan# 208
Delta R.T. 0.047 min
Lab File: BF137329.D
Acq: 07 Feb 2024 19:34

Tgt Ion: 42 Resp: 55
Ion Ratio Lower Upper
42 100
74 0.0 90.5 135.7#
44 108.3 6.1 9.1#

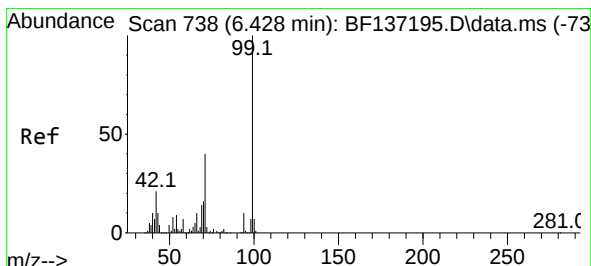
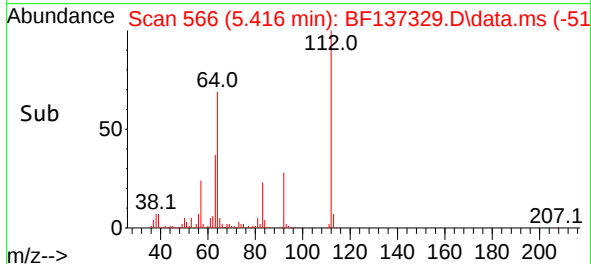
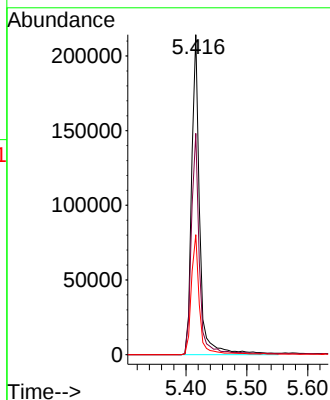
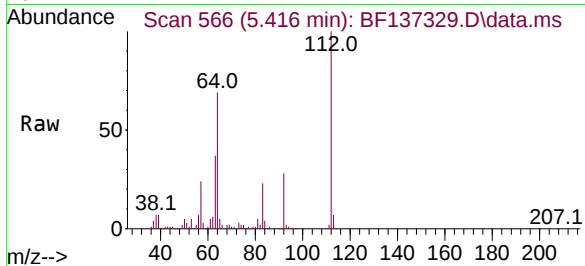




#5
2-Fluorophenol
Concen: 64.557 ng
RT: 5.416 min Scan# 566
Delta R.T. 0.000 min
Lab File: BF137329.D
Acq: 07 Feb 2024 19:34

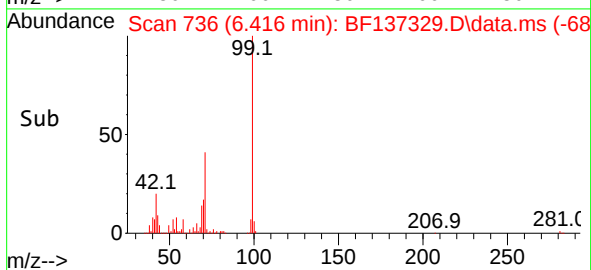
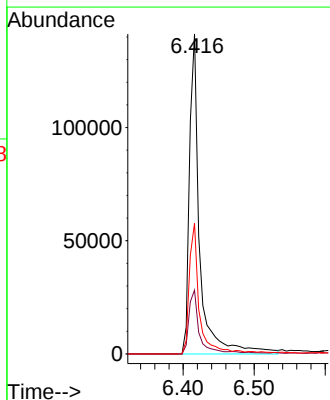
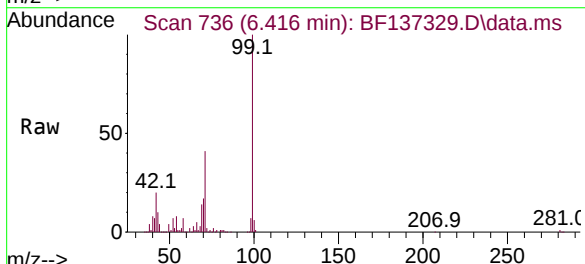
Instrument :
BNA_F
ClientSampleId :
FB-20240131

Tgt Ion:112 Resp: 197639
Ion Ratio Lower Upper
112 100
64 69.1 57.8 86.6
63 37.5 31.4 47.0



#7
Phenol-d6
Concen: 32.548 ng
RT: 6.416 min Scan# 736
Delta R.T. -0.012 min
Lab File: BF137329.D
Acq: 07 Feb 2024 19:34

Tgt Ion: 99 Resp: 142205
Ion Ratio Lower Upper
99 100
42 19.9 16.4 24.6
71 40.8 32.4 48.6





#19

n-Nitroso-di-n-propylamine

Concen: 19.600 ng

RT: 7.351 min Scan# 89

Delta R.T. 0.141 min

Lab File: BF137329.D

Acq: 07 Feb 2024 19:34

Instrument :

BNA_F

ClientSampleId :

FB-20240131

Tgt Ion: 70 Resp: 58715

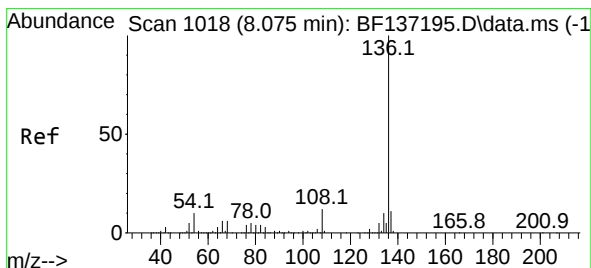
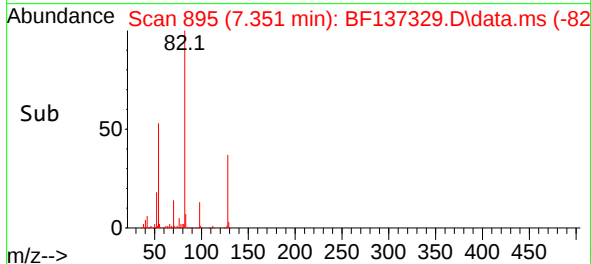
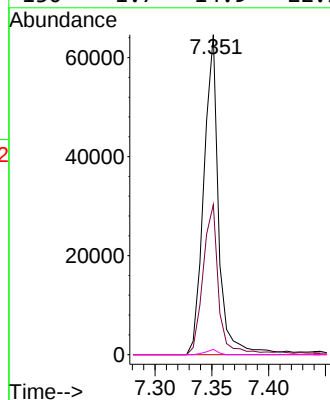
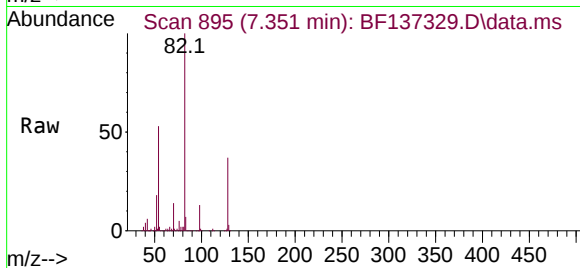
Ion Ratio Lower Upper

70 100

42 46.9 47.2 70.8#

101 0.0 7.4 11.0#

130 1.7 14.9 22.3#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.063 min Scan# 1016

Delta R.T. -0.012 min

Lab File: BF137329.D

Acq: 07 Feb 2024 19:34

Tgt Ion: 136 Resp: 191324

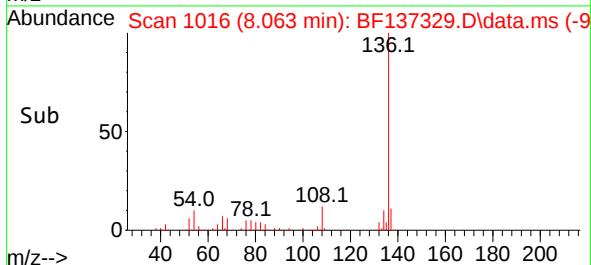
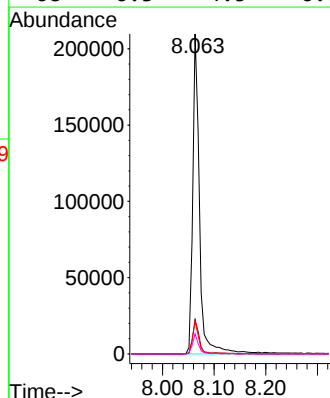
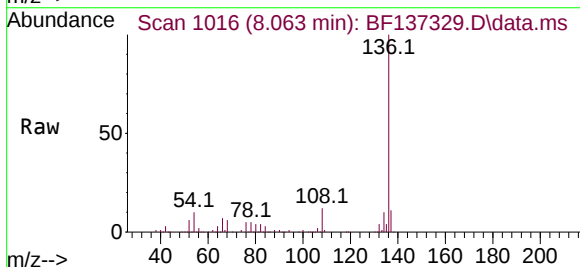
Ion Ratio Lower Upper

136 100

137 10.8 8.9 13.3

54 10.1 7.8 11.8

68 6.3 4.5 6.7





#23

Nitrobenzene-d5

Concen: 104.019 ng

RT: 7.351 min Scan# 895

Delta R.T. -0.006 min

Lab File: BF137329.D

Acq: 07 Feb 2024 19:34

Instrument :

BNA_F

ClientSampleId :

FB-20240131

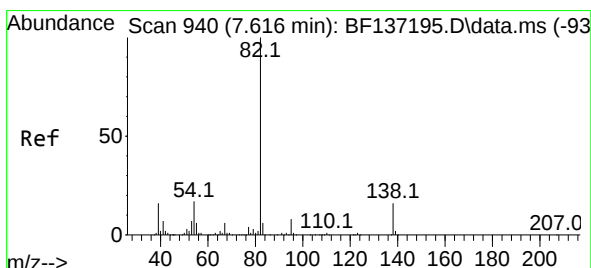
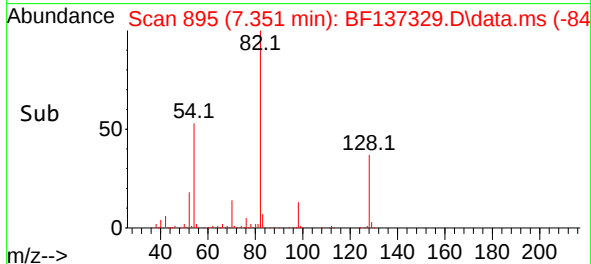
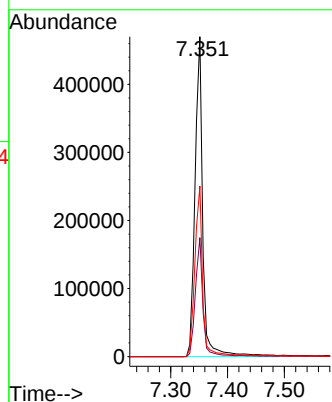
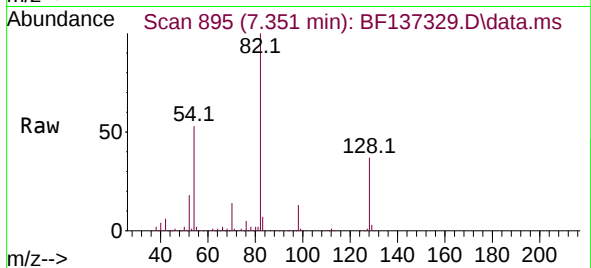
Tgt Ion: 82 Resp: 444508

Ion Ratio Lower Upper

82 100

128 37.2 29.1 43.7

54 53.3 45.0 67.6



#25

Isophorone

Concen: 56.354 ng

RT: 7.351 min Scan# 895

Delta R.T. -0.265 min

Lab File: BF137329.D

Acq: 07 Feb 2024 19:34

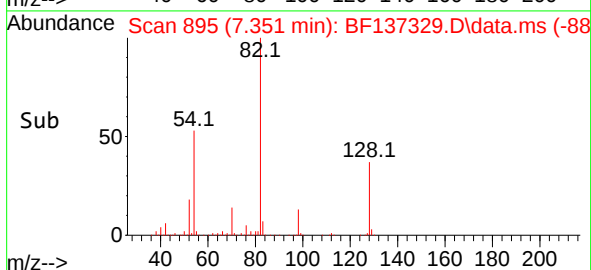
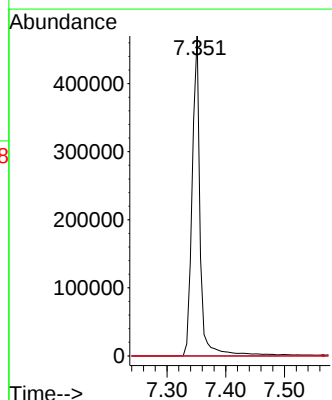
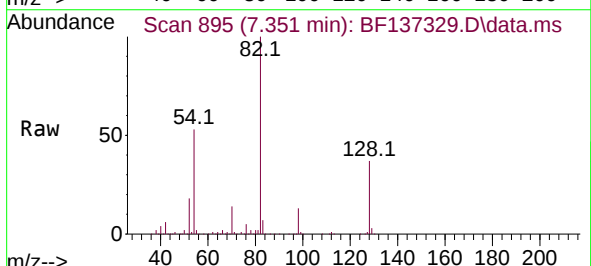
Tgt Ion: 82 Resp: 444504

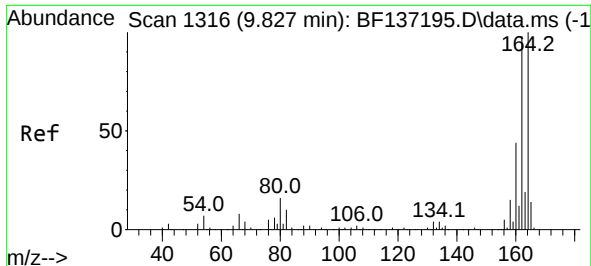
Ion Ratio Lower Upper

82 100

95 0.0 6.4 9.6#

138 0.0 12.7 19.1#

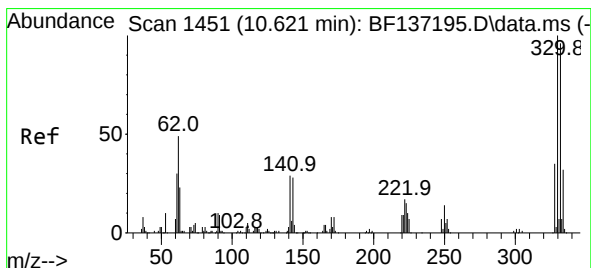
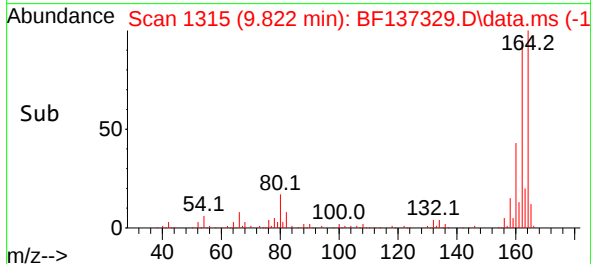
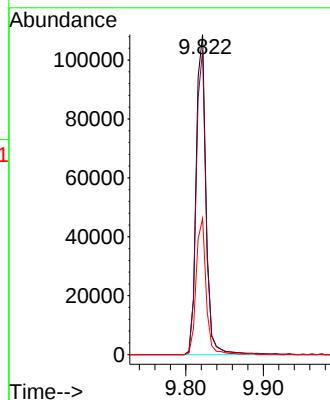
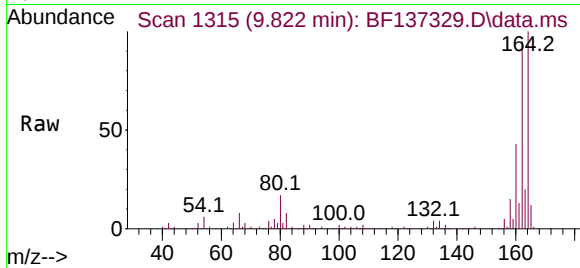




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.822 min Scan# 1316
Delta R.T. -0.005 min
Lab File: BF137329.D
Acq: 07 Feb 2024 19:34

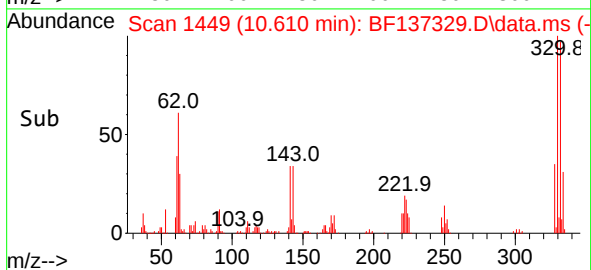
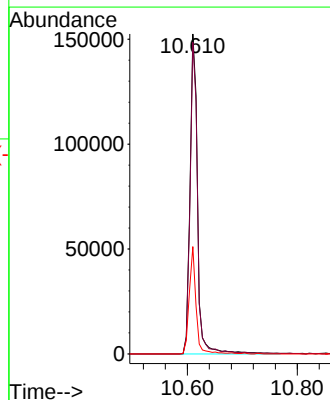
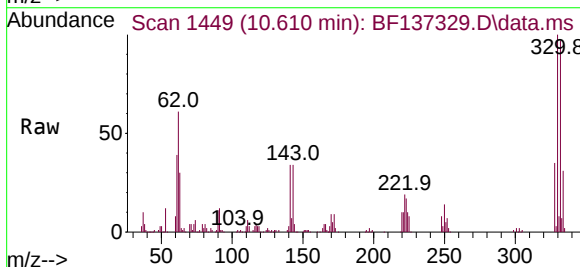
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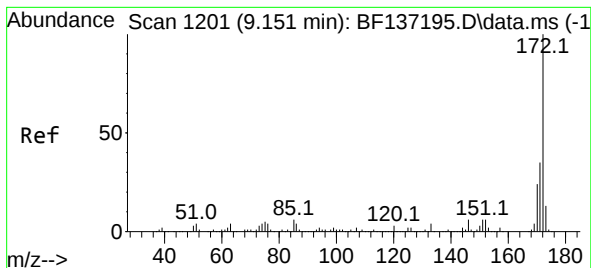
Tgt Ion:164 Resp: 96624
Ion Ratio Lower Upper
164 100
162 95.1 78.3 117.5
160 42.5 35.4 53.2



#42
2,4,6-Tribromophenol
Concen: 131.777 ng
RT: 10.610 min Scan# 1449
Delta R.T. -0.012 min
Lab File: BF137329.D
Acq: 07 Feb 2024 19:34

Tgt Ion:330 Resp: 143798
Ion Ratio Lower Upper
330 100
332 95.6 77.3 115.9
141 30.1 25.2 37.8





#45

2-Fluorobiphenyl

Concen: 103.422 ng

RT: 9.145 min Scan# 1315

Delta R.T. -0.006 min

Lab File: BF137329.D

Acq: 07 Feb 2024 19:34

Instrument :

BNA_F

ClientSampleId :

FB-20240131

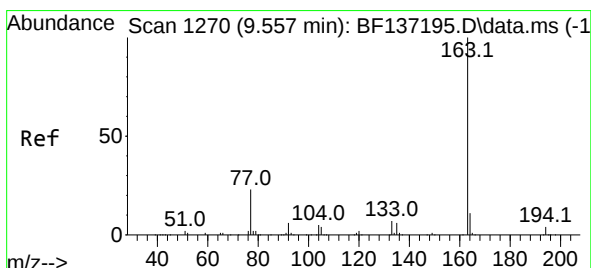
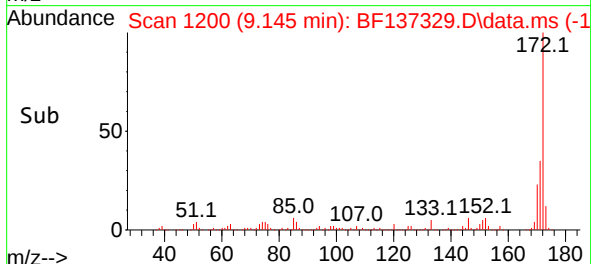
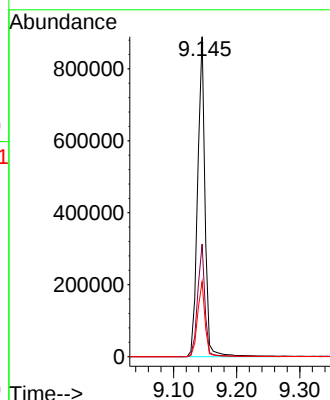
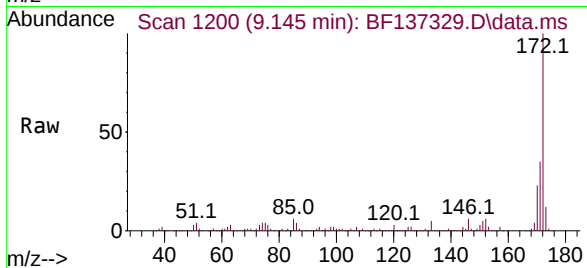
Tgt Ion:172 Resp: 726944

Ion Ratio Lower Upper

172 100

171 35.1 28.3 42.5

170 23.4 19.1 28.7



#50

Dimethylphthalate

Concen: 2.617 ng

RT: 9.822 min Scan# 1315

Delta R.T. 0.265 min

Lab File: BF137329.D

Acq: 07 Feb 2024 19:34

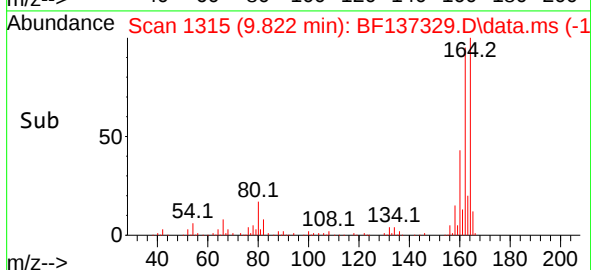
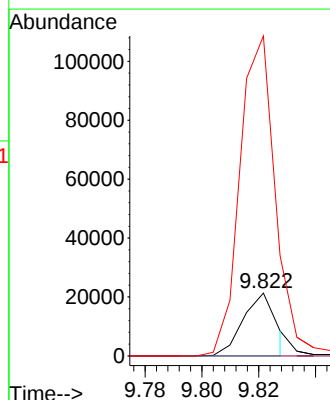
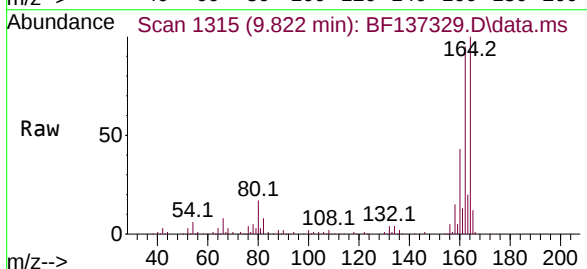
Tgt Ion:163 Resp: 17083

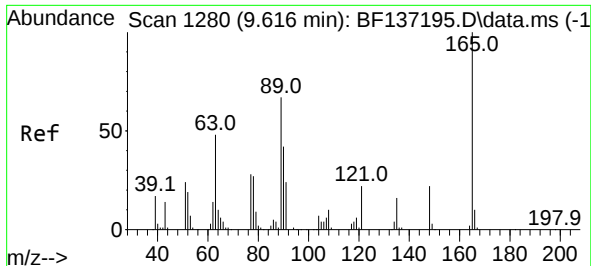
Ion Ratio Lower Upper

163 100

194 0.0 3.3 4.9#

164 509.6 8.6 13.0#

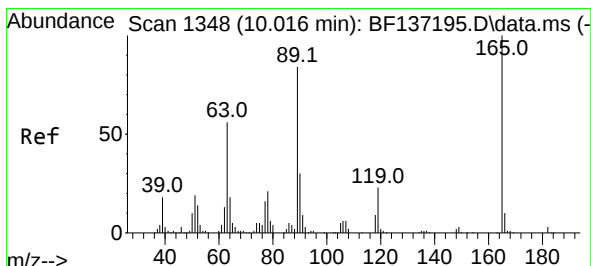
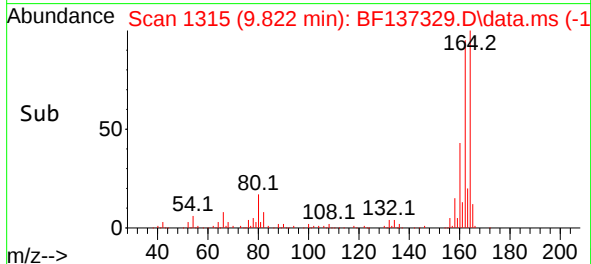
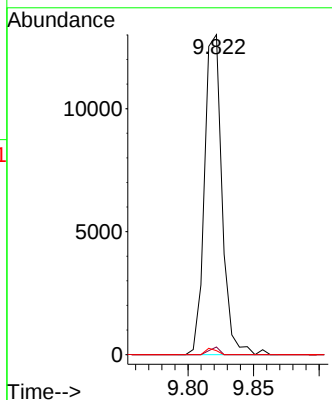
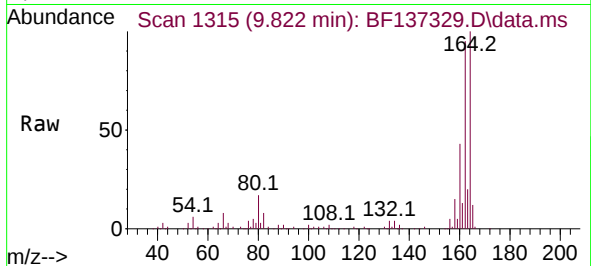




#51
2,6-Dinitrotoluene
Concen: 8.697 ng
RT: 9.822 min Scan# 1315
Delta R.T. 0.206 min
Lab File: BF137329.D
Acq: 07 Feb 2024 19:34

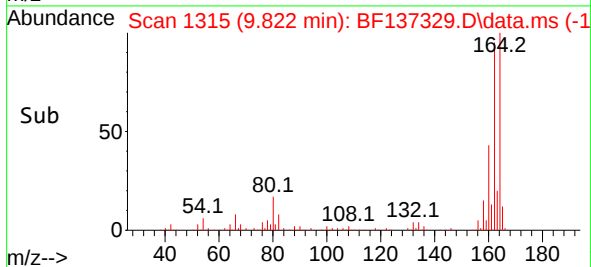
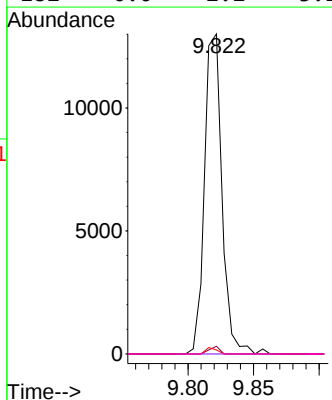
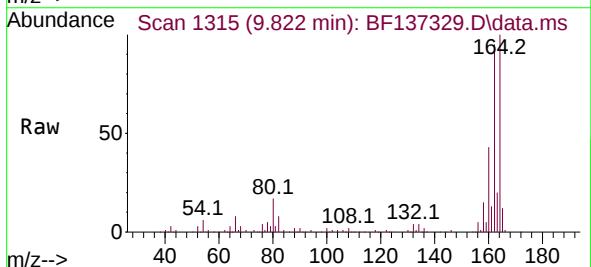
Instrument :
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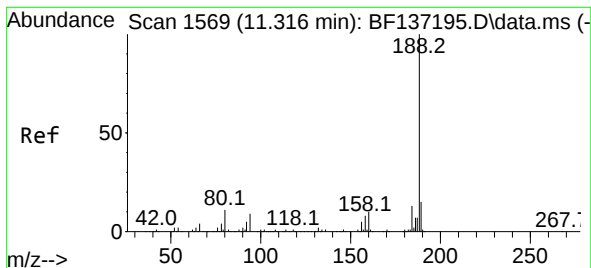
Tgt Ion:165 Resp: 12106
Ion Ratio Lower Upper
165 100
63 2.4 55.1 82.7#
89 1.2 53.5 80.3#



#57
2,4-Dinitrotoluene
Concen: 6.703 ng
RT: 9.822 min Scan# 1315
Delta R.T. -0.194 min
Lab File: BF137329.D
Acq: 07 Feb 2024 19:34

Tgt Ion:165 Resp: 12106
Ion Ratio Lower Upper
165 100
63 2.4 46.1 69.1#
89 1.2 67.5 101.3#
182 0.0 2.2 3.2#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.310 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF137329.D

Acq: 07 Feb 2024 19:34

Instrument :

BNA_F

ClientSampleId :

FB-20240131

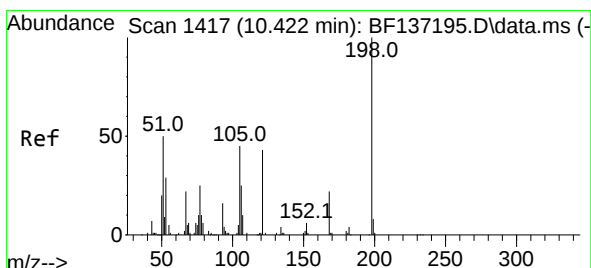
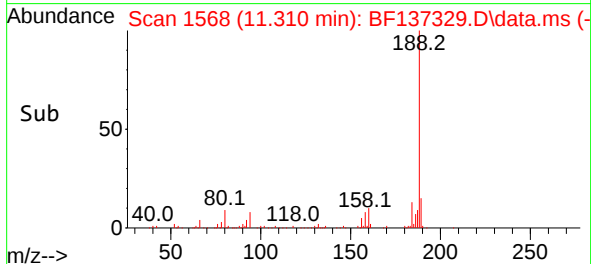
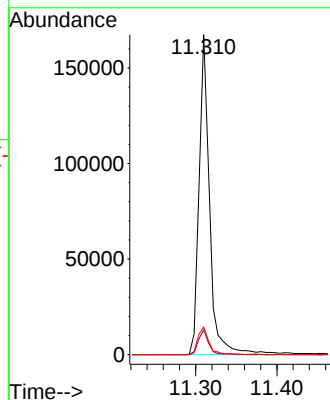
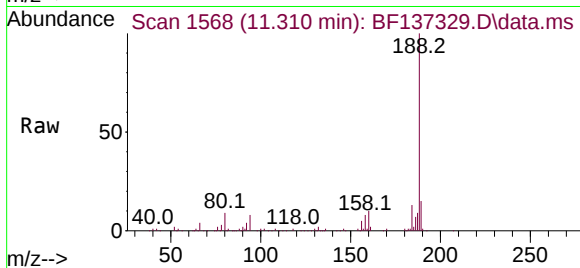
Tgt Ion:188 Resp: 150357

Ion Ratio Lower Upper

188 100

94 7.7 7.0 10.4

80 8.6 8.8 13.2#



#65

4,6-Dinitro-2-methylphenol

Concen: 5.831 ng

RT: 10.610 min Scan# 1449

Delta R.T. 0.188 min

Lab File: BF137329.D

Acq: 07 Feb 2024 19:34

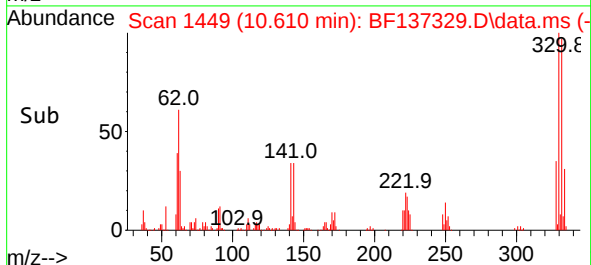
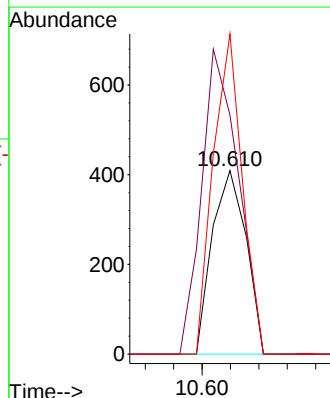
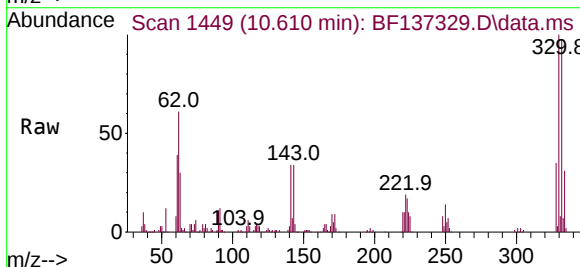
Tgt Ion:198 Resp: 338

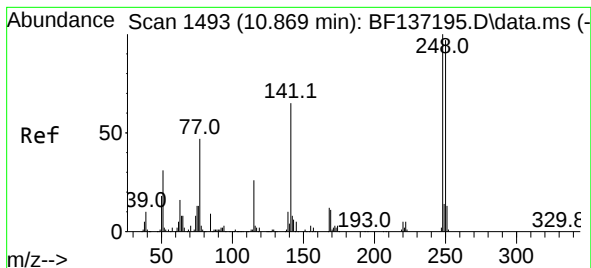
Ion Ratio Lower Upper

198 100

51 130.3 40.9 80.9#

105 174.6 26.5 66.5#

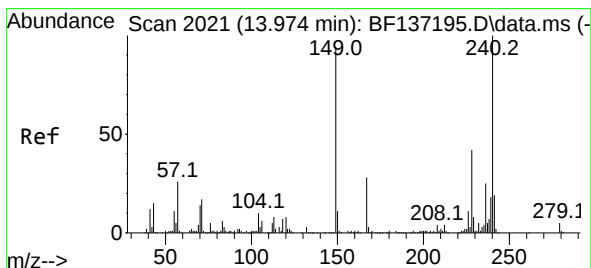
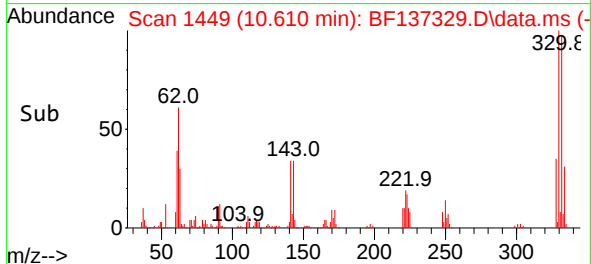
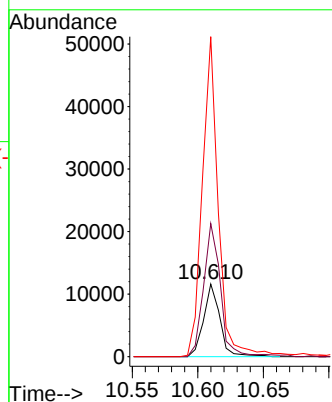
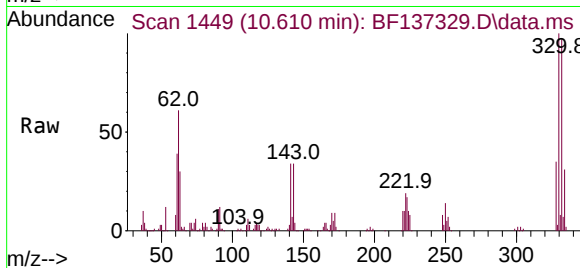




#67
4-Bromophenyl-phenylether
Concen: 6.043 ng
RT: 10.610 min Scan# 1493
Delta R.T. -0.259 min
Lab File: BF137329.D
Acq: 07 Feb 2024 19:34

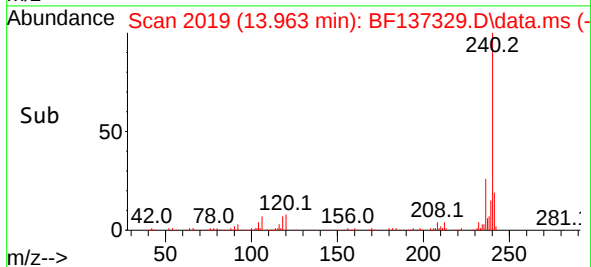
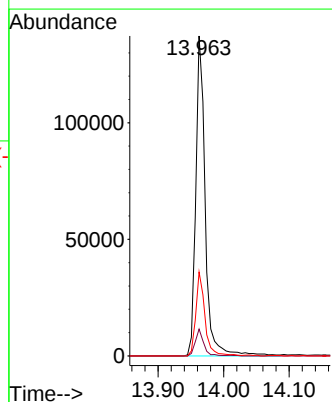
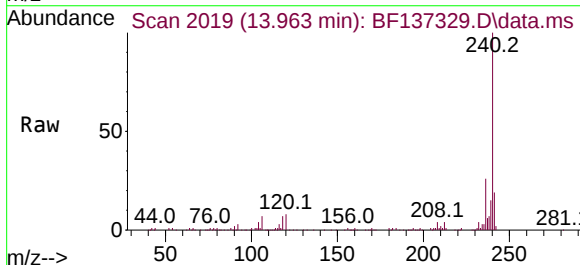
Instrument :
BNA_F
ClientSampleId :
FB-20240131

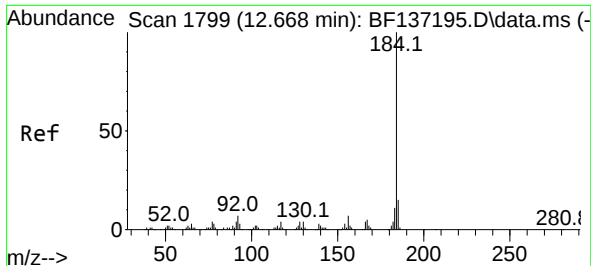
Tgt Ion:248 Resp: 9991
Ion Ratio Lower Upper
248 100
250 183.4 77.7 116.5#
141 441.1 51.6 77.4#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.963 min Scan# 2019
Delta R.T. -0.012 min
Lab File: BF137329.D
Acq: 07 Feb 2024 19:34

Tgt Ion:240 Resp: 137930
Ion Ratio Lower Upper
240 100
120 8.4 6.3 9.5
236 26.2 20.3 30.5

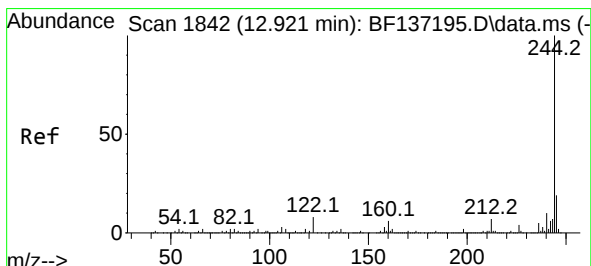
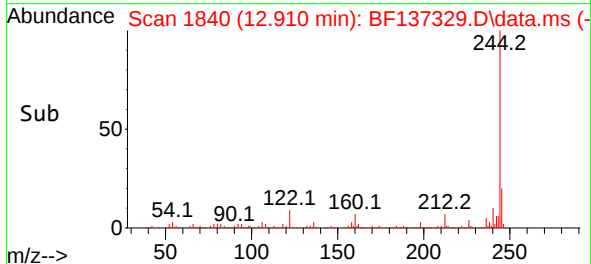
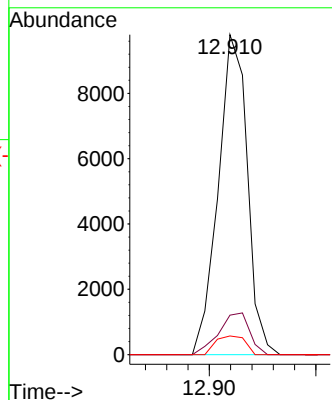
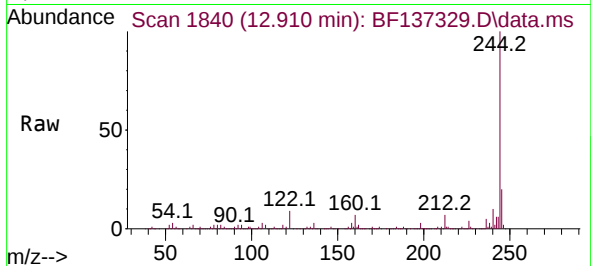




#77
Benzidine
Concen: 3.762 ng
RT: 12.910 min Scan# 1840
Delta R.T. 0.242 min
Lab File: BF137329.D
Acq: 07 Feb 2024 19:34

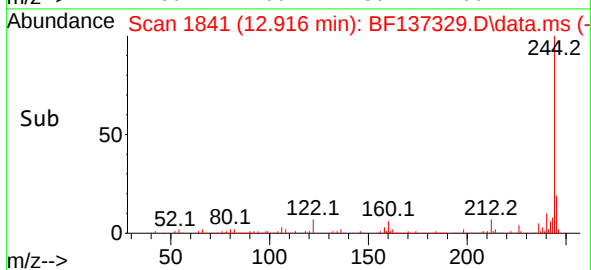
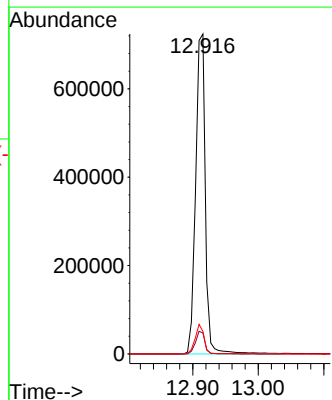
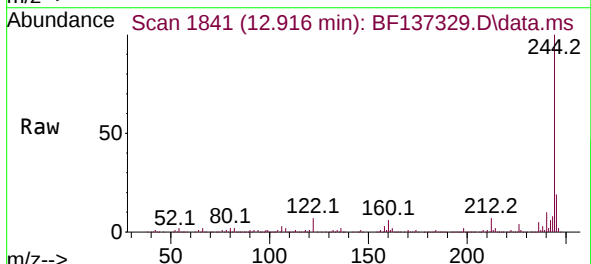
Instrument :
BNA_F
ClientSampleId :
FB-20240131

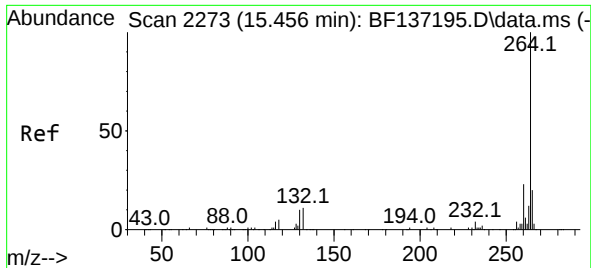
Tgt Ion:184 Resp: 9291
Ion Ratio Lower Upper
184 100
185 12.3 11.9 17.9
183 5.8 8.8 13.2#



#79
Terphenyl-d14
Concen: 73.389 ng
RT: 12.916 min Scan# 1841
Delta R.T. -0.006 min
Lab File: BF137329.D
Acq: 07 Feb 2024 19:34

Tgt Ion:244 Resp: 744613
Ion Ratio Lower Upper
244 100
212 6.5 5.5 8.3
122 7.0 6.2 9.4





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.445 min Scan# 2271
 Delta R.T. -0.012 min
 Lab File: BF137329.D
 Acq: 07 Feb 2024 19:34

Instrument :
 BNA_F
 ClientSampleId :
 FB-20240131

Tgt Ion:264 Resp: 128084
 Ion Ratio Lower Upper
 264 100
 260 23.0 18.2 27.4
 265 22.1 16.2 24.2

