

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020724\
 Data File : BF137323.D
 Acq On : 07 Feb 2024 16:38
 Operator : CG\JU
 Sample : P1141-10
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EB-2-0-2

Quant Time: Feb 07 17:03:59 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)

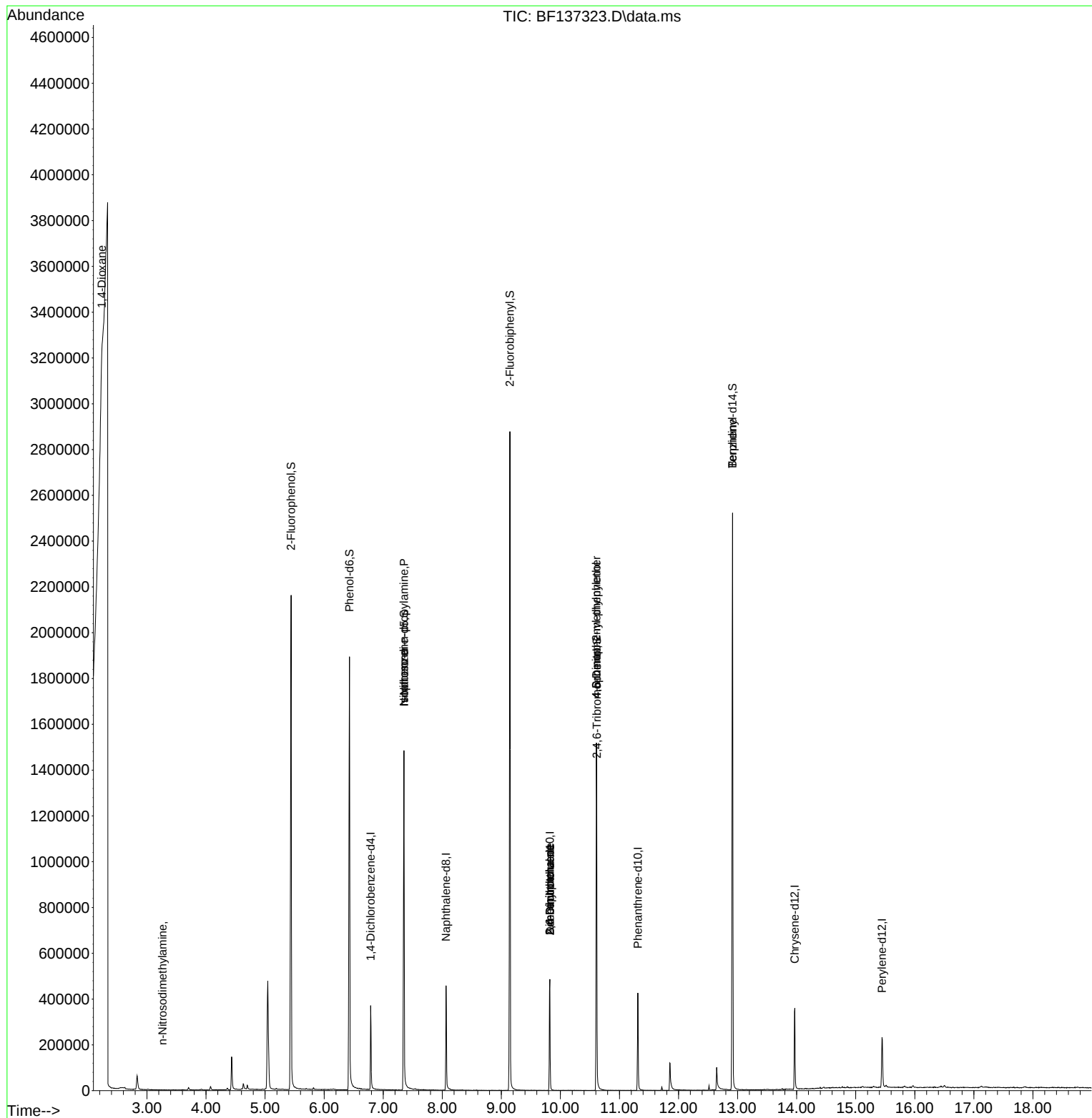
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.787	152	51788	20.000	ng	0.00
21) Naphthalene-d8	8.063	136	194962	20.000	ng	-0.01
39) Acenaphthene-d10	9.822	164	101679	20.000	ng	0.00
64) Phenanthrene-d10	11.310	188	160612	20.000	ng	0.00
76) Chrysene-d12	13.969	240	133452	20.000	ng	0.00
86) Perylene-d12	15.445	264	118447	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.440	112	556115	177.191	ng	0.02
7) Phenol-d6	6.428	99	678540	151.495	ng	0.00
23) Nitrobenzene-d5	7.351	82	507634	116.575	ng	0.00
42) 2,4,6-Tribromophenol	10.616	330	189642	165.148	ng	0.00
45) 2-Fluorobiphenyl	9.145	172	865644	117.032	ng	0.00
79) Terphenyl-d14	12.916	244	892209	90.887	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.234	88	3522	2.097	ng	# 28
4) n-Nitrosodimethylamine	3.263	42	398	6.263	ng	# 1
19) n-Nitroso-di-n-propyla...	7.351	70	70478	22.950	ng	# 78
25) Isophorone	7.351	82	507630	63.156	ng	# 67
50) Dimethylphthalate	9.822	163	19160	2.789	ng	# 1
51) 2,6-Dinitrotoluene	9.822	165	12978	8.860	ng	# 18
57) 2,4-Dinitrotoluene	9.822	165	12978	6.828	ng	# 17
65) 4,6-Dinitro-2-methylph...	10.610	198	466	5.940	ng	# 1
67) 4-Bromophenyl-phenylether	10.610	248	12465	7.058	ng	# 1
77) Benzidine	12.916	184	11201	4.687	ng	# 93

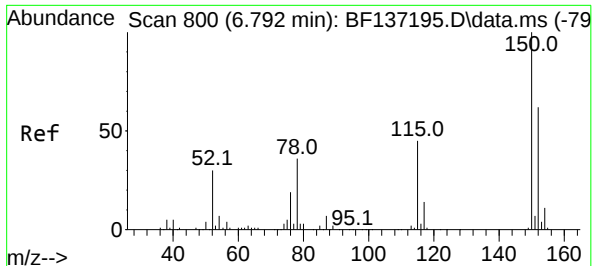
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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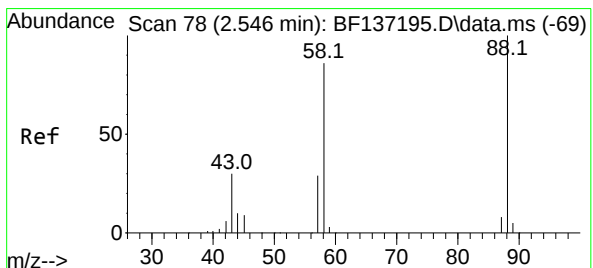
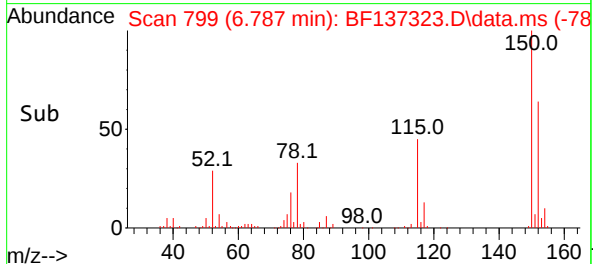
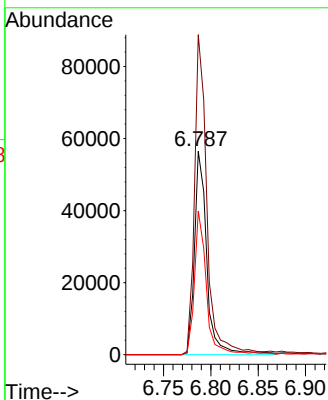
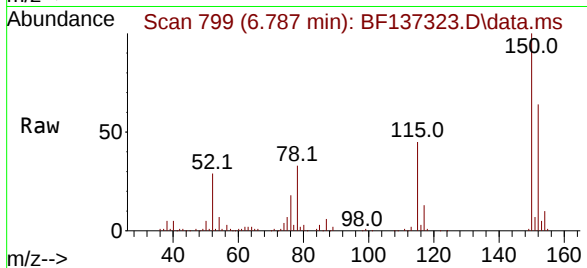




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.787 min Scan# 79
 Delta R.T. -0.005 min
 Lab File: BF137323.D
 Acq: 07 Feb 2024 16:38

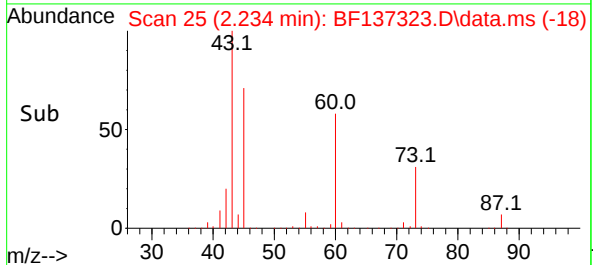
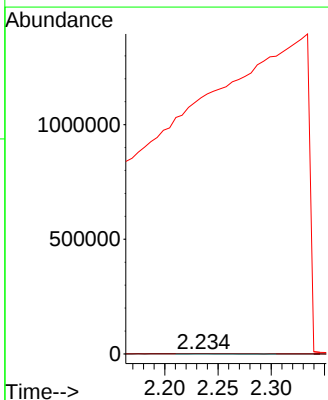
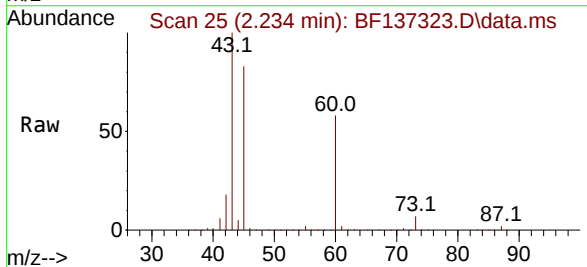
Instrument :
 BNA_F
 ClientSampleId :
 EB-2-0-2

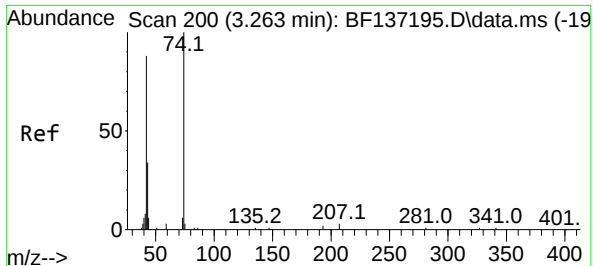
Tgt Ion:152 Resp: 51788
 Ion Ratio Lower Upper
 152 100
 150 157.3 129.8 194.8
 115 70.6 58.5 87.7



#2
 1,4-Dioxane
 Concen: 2.097 ng
 RT: 2.234 min Scan# 25
 Delta R.T. -0.312 min
 Lab File: BF137323.D
 Acq: 07 Feb 2024 16:38

Tgt Ion: 88 Resp: 3522
 Ion Ratio Lower Upper
 88 100
 58 14.5 67.8 101.8#
 43 0.0 26.6 40.0#

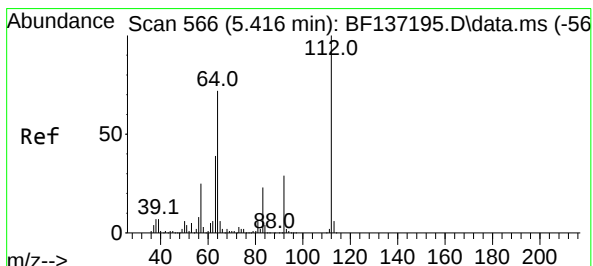
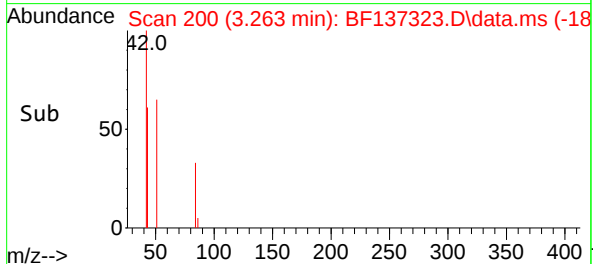
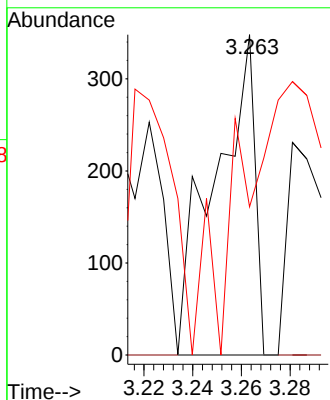
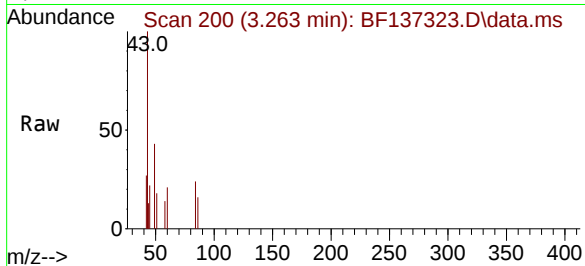




#4
n-Nitrosodimethylamine
Concen: 6.263 ng
RT: 3.263 min Scan# 20
Delta R.T. 0.000 min
Lab File: BF137323.D
Acq: 07 Feb 2024 16:38

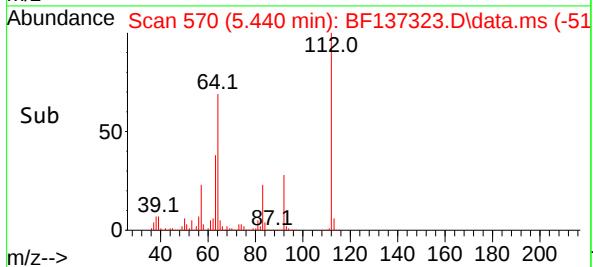
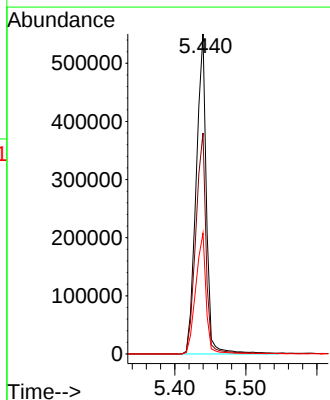
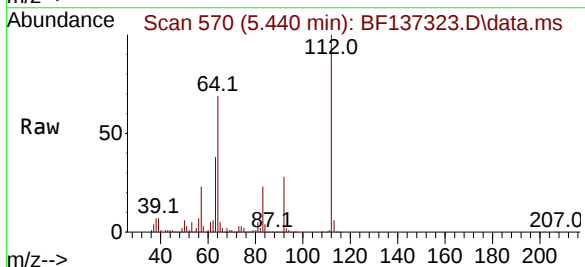
Instrument :
BNA_F
ClientSampleId :
EB-2-0-2

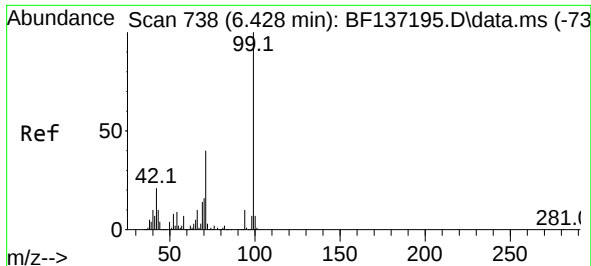
Tgt Ion: 42 Resp: 398
Ion Ratio Lower Upper
42 100
74 0.0 90.5 135.7#
44 46.3 6.1 9.1#



#5
2-Fluorophenol
Concen: 177.191 ng
RT: 5.440 min Scan# 570
Delta R.T. 0.024 min
Lab File: BF137323.D
Acq: 07 Feb 2024 16:38

Tgt Ion: 112 Resp: 556115
Ion Ratio Lower Upper
112 100
64 69.1 57.8 86.6
63 37.7 31.4 47.0





#7
Phenol-d6
Concen: 151.495 ng
RT: 6.428 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF137323.D
Acq: 07 Feb 2024 16:38

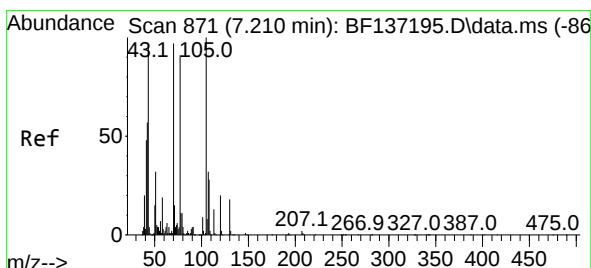
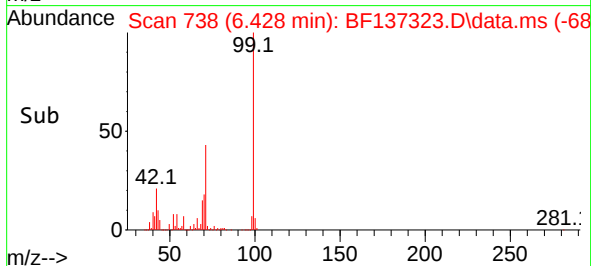
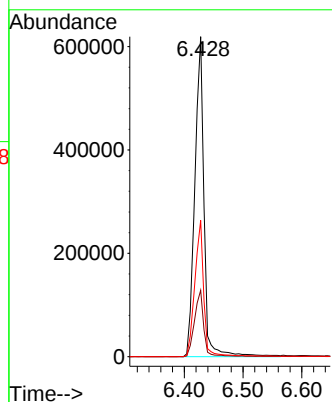
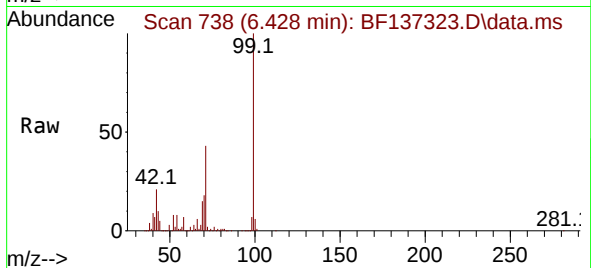
Instrument :

BNA_F

ClientSampleId :

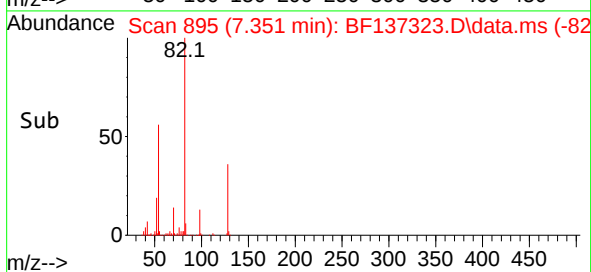
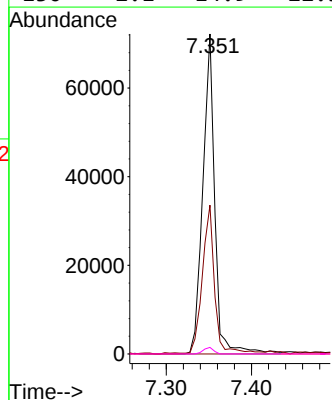
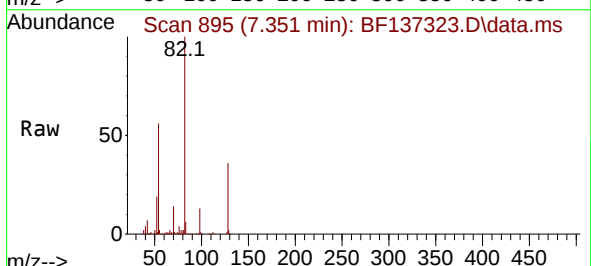
EB-2-0-2

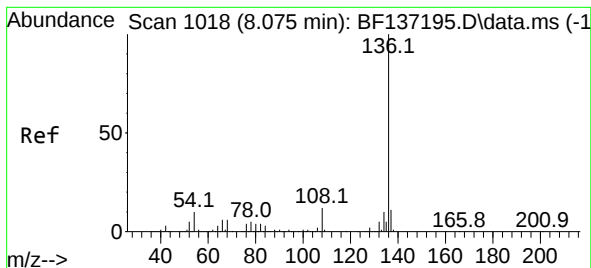
Tgt Ion: 99 Resp: 678540
Ion Ratio Lower Upper
99 100
42 20.8 16.4 24.6
71 42.6 32.4 48.6



#19
n-Nitroso-di-n-propylamine
Concen: 22.950 ng
RT: 7.351 min Scan# 895
Delta R.T. 0.141 min
Lab File: BF137323.D
Acq: 07 Feb 2024 16:38

Tgt Ion: 70 Resp: 70478
Ion Ratio Lower Upper
70 100
42 46.5 47.2 70.8#
101 0.0 7.4 11.0#
130 2.1 14.9 22.3#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.063 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF137323.D

Acq: 07 Feb 2024 16:38

Instrument :

BNA_F

ClientSampleId :

EB-2-0-2

Tgt Ion:136 Resp: 194962

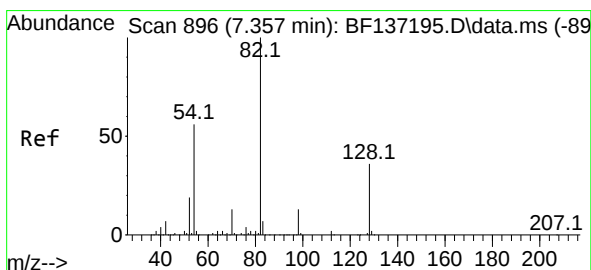
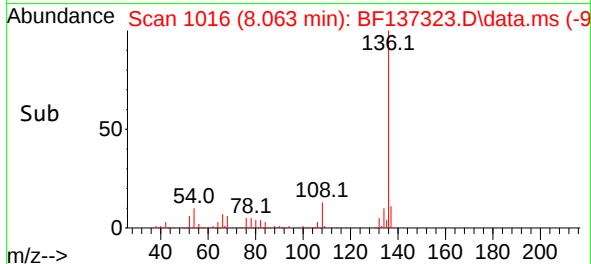
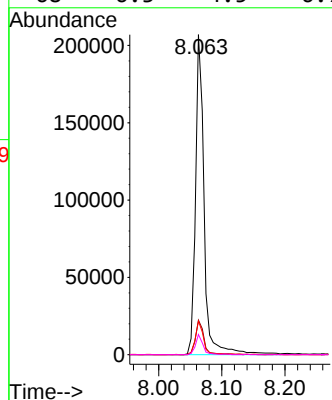
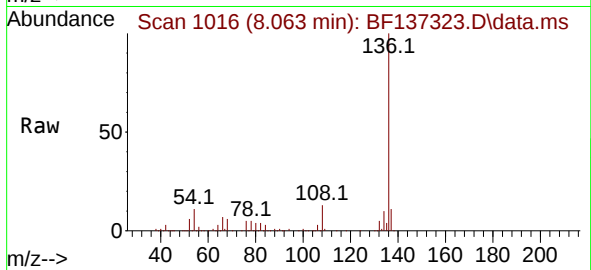
Ion Ratio Lower Upper

136 100

137 10.8 8.9 13.3

54 10.5 7.8 11.8

68 6.3 4.5 6.7



#23

Nitrobenzene-d5

Concen: 116.575 ng

RT: 7.351 min Scan# 895

Delta R.T. -0.006 min

Lab File: BF137323.D

Acq: 07 Feb 2024 16:38

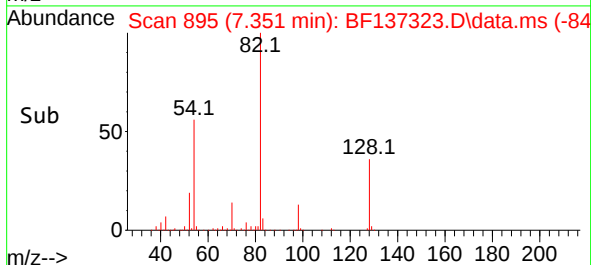
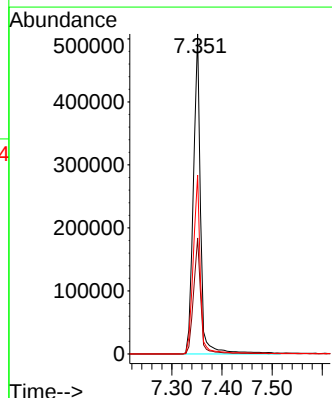
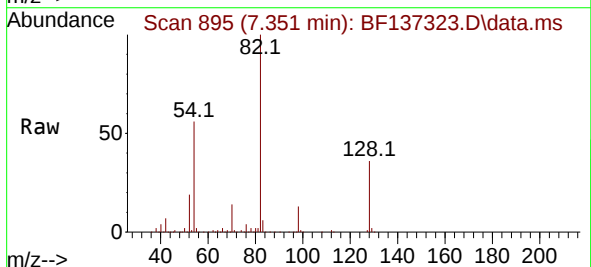
Tgt Ion: 82 Resp: 507634

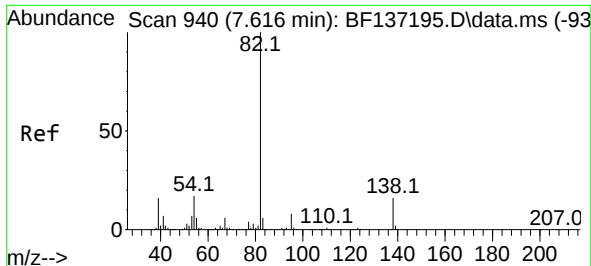
Ion Ratio Lower Upper

82 100

128 36.3 29.1 43.7

54 55.9 45.0 67.6

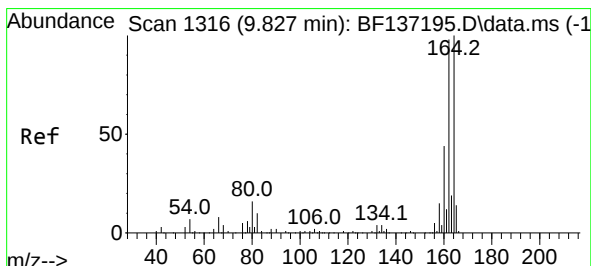
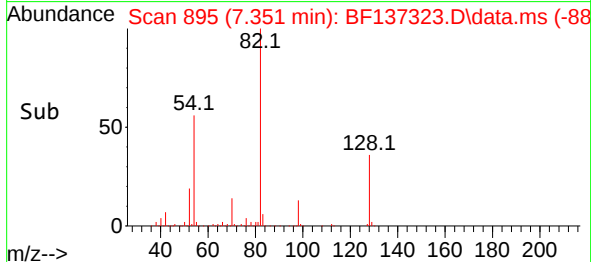
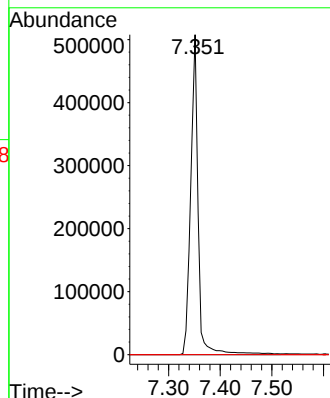
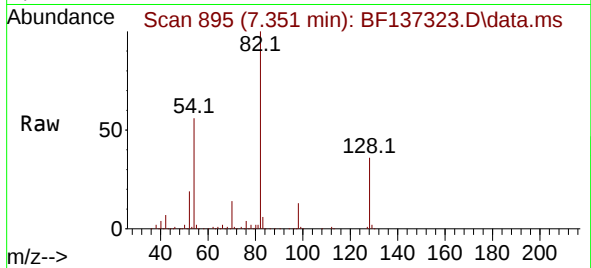




#25
Isophorone
Concen: 63.156 ng
RT: 7.351 min Scan# 895
Delta R.T. -0.265 min
Lab File: BF137323.D
Acq: 07 Feb 2024 16:38

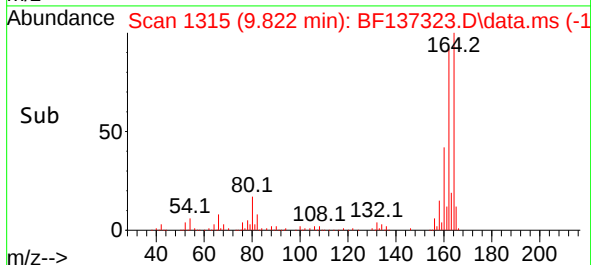
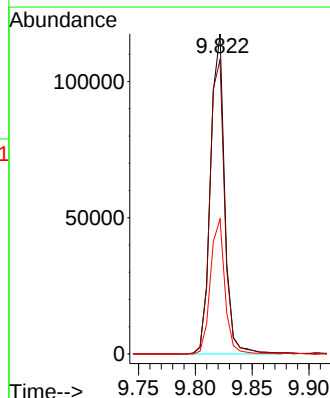
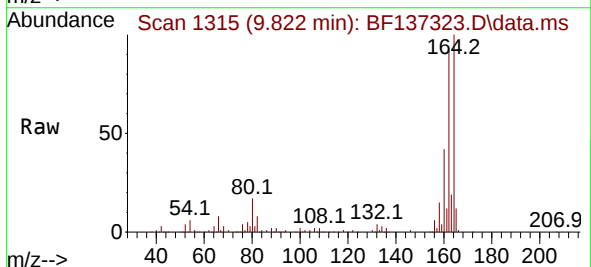
Instrument :
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EB-2-0-2

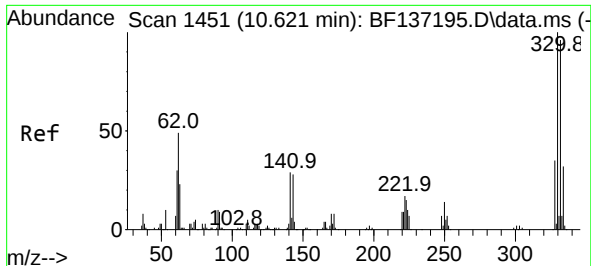
Tgt Ion: 82 Resp: 507630
Ion Ratio Lower Upper
82 100
95 0.0 6.4 9.6#
138 0.0 12.7 19.1#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.822 min Scan# 1315
Delta R.T. -0.005 min
Lab File: BF137323.D
Acq: 07 Feb 2024 16:38

Tgt Ion: 164 Resp: 101679
Ion Ratio Lower Upper
164 100
162 91.9 78.3 117.5
160 42.2 35.4 53.2

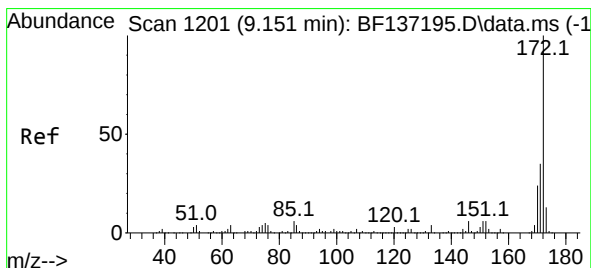
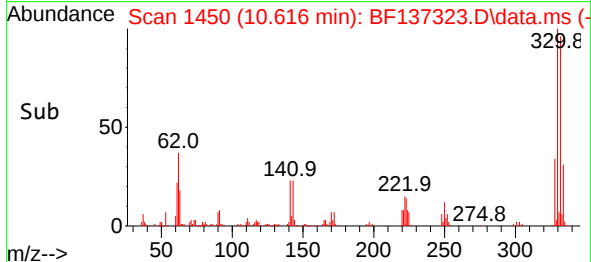
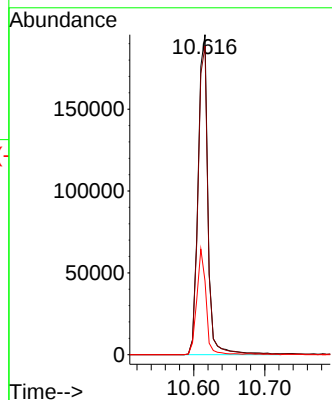
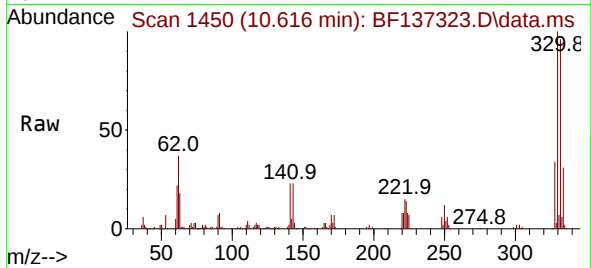




#42
2,4,6-Tribromophenol
Concen: 165.148 ng
RT: 10.616 min Scan# 1450
Delta R.T. -0.006 min
Lab File: BF137323.D
Acq: 07 Feb 2024 16:38

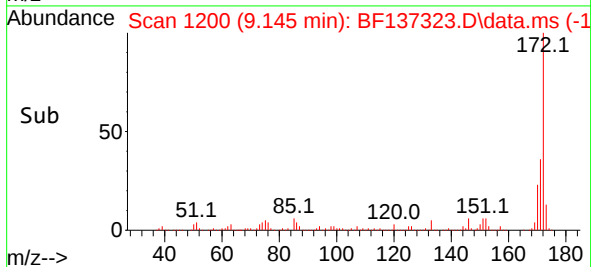
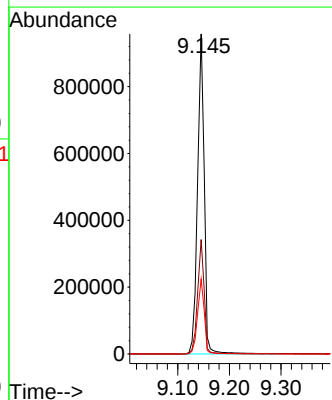
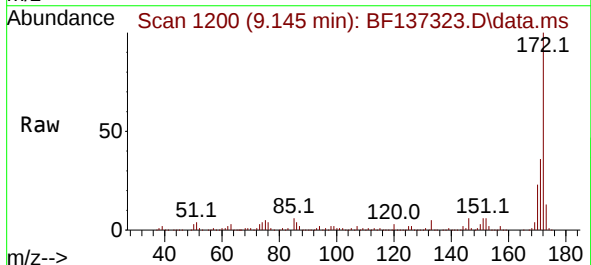
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BNA_F
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EB-2-0-2

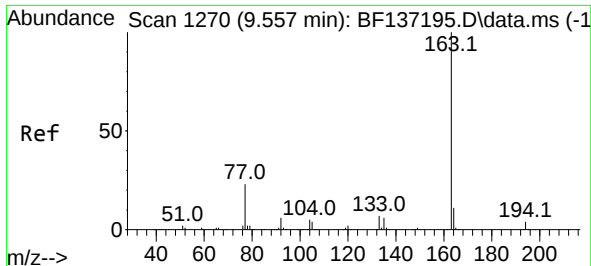
Tgt Ion:330 Resp: 189642
Ion Ratio Lower Upper
330 100
332 96.7 77.3 115.9
141 30.7 25.2 37.8



#45
2-Fluorobiphenyl
Concen: 117.032 ng
RT: 9.145 min Scan# 1200
Delta R.T. -0.006 min
Lab File: BF137323.D
Acq: 07 Feb 2024 16:38

Tgt Ion:172 Resp: 865644
Ion Ratio Lower Upper
172 100
171 35.8 28.3 42.5
170 23.4 19.1 28.7

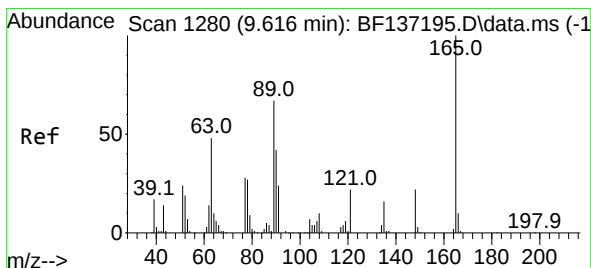
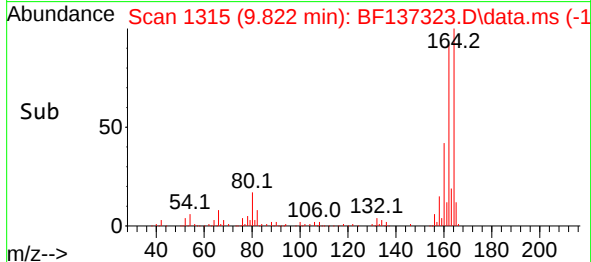
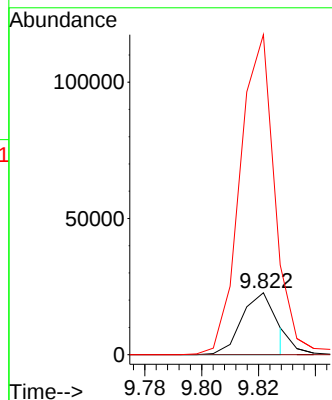
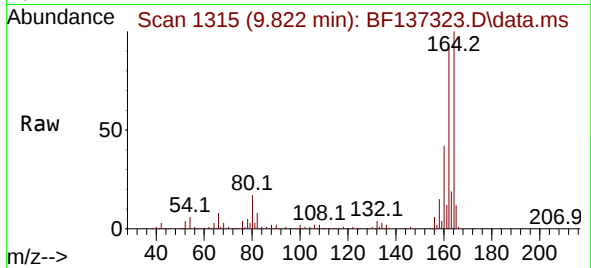




#50
Dimethylphthalate
Concen: 2.789 ng
RT: 9.822 min Scan# 1315
Delta R.T. 0.265 min
Lab File: BF137323.D
Acq: 07 Feb 2024 16:38

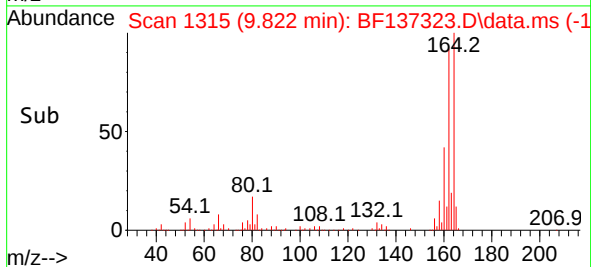
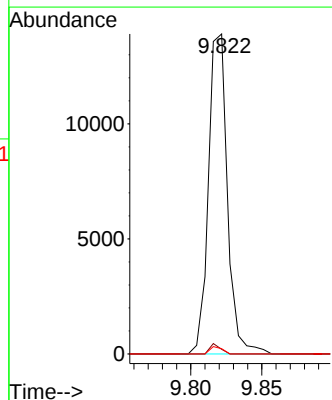
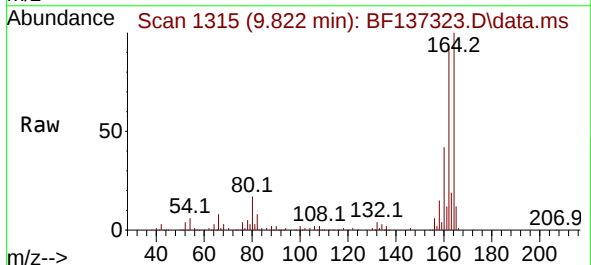
Instrument :
BNA_F
ClientSampleId :
EB-2-0-2

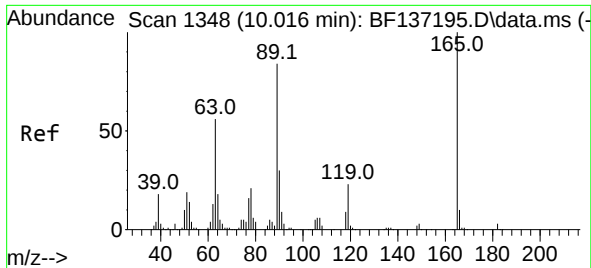
Tgt Ion:163 Resp: 19160
Ion Ratio Lower Upper
163 100
194 0.0 3.3 4.9#
164 517.3 8.6 13.0#



#51
2,6-Dinitrotoluene
Concen: 8.860 ng
RT: 9.822 min Scan# 1315
Delta R.T. 0.206 min
Lab File: BF137323.D
Acq: 07 Feb 2024 16:38

Tgt Ion:165 Resp: 12978
Ion Ratio Lower Upper
165 100
63 1.5 55.1 82.7#
89 1.7 53.5 80.3#

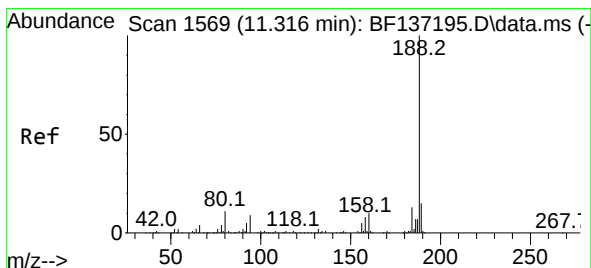
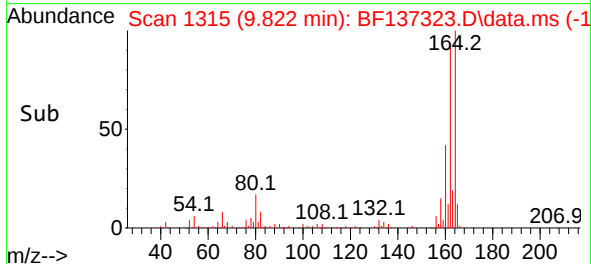
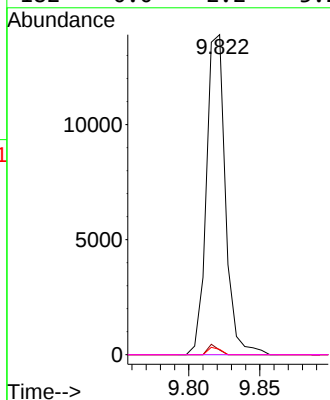
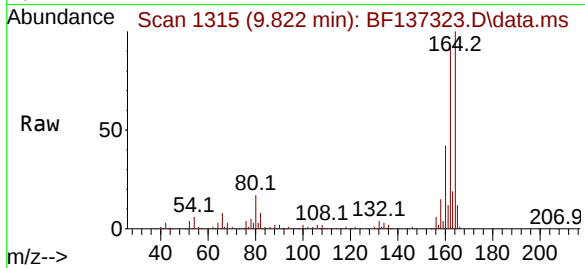




#57
2,4-Dinitrotoluene
Concen: 6.828 ng
RT: 9.822 min Scan# 11
Delta R.T. -0.194 min
Lab File: BF137323.D
Acq: 07 Feb 2024 16:38

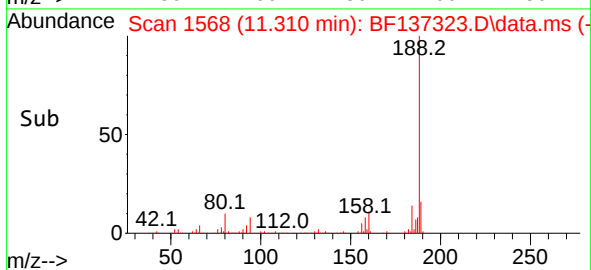
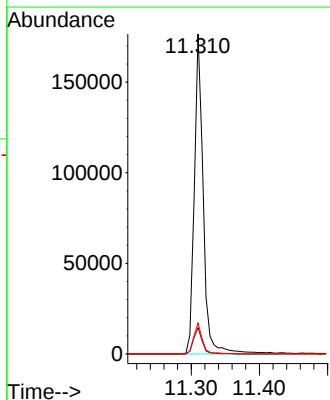
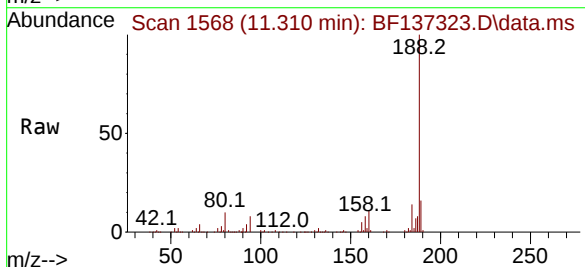
Instrument :
BNA_F
ClientSampleId :
EB-2-0-2

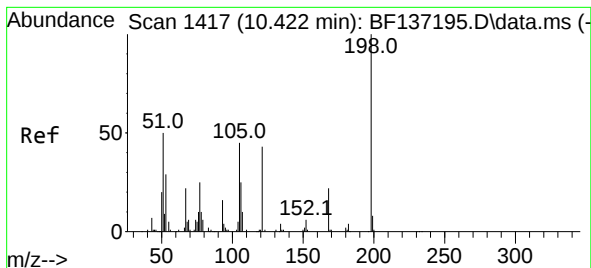
Tgt Ion:165 Resp: 12978
Ion Ratio Lower Upper
165 100
63 1.5 46.1 69.1#
89 1.7 67.5 101.3#
182 0.0 2.2 3.2#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.310 min Scan# 1568
Delta R.T. -0.006 min
Lab File: BF137323.D
Acq: 07 Feb 2024 16:38

Tgt Ion:188 Resp: 160612
Ion Ratio Lower Upper
188 100
94 8.2 7.0 10.4
80 9.7 8.8 13.2

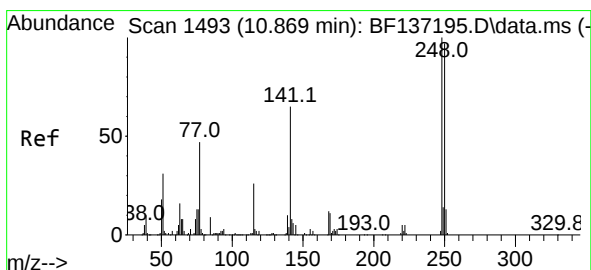
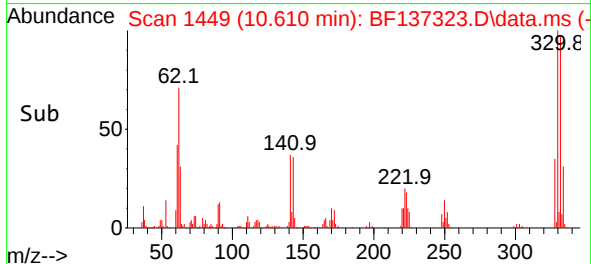
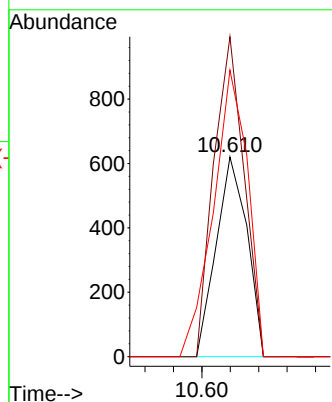
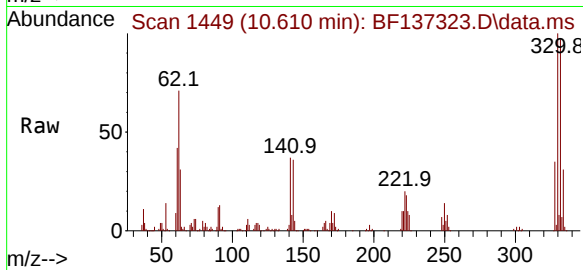




#65
4,6-Dinitro-2-methylphenol
Concen: 5.940 ng
RT: 10.610 min Scan# 1417
Delta R.T. 0.188 min
Lab File: BF137323.D
Acq: 07 Feb 2024 16:38

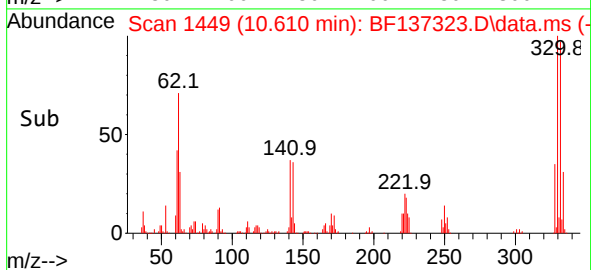
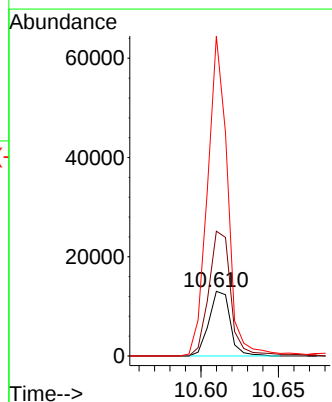
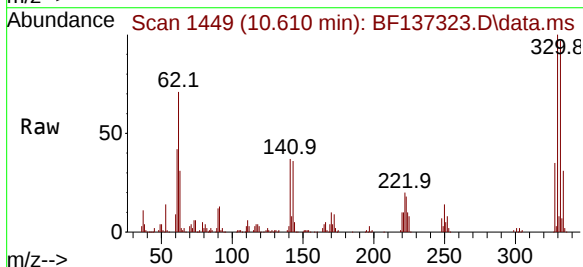
Instrument :
BNA_F
ClientSampleId :
EB-2-0-2

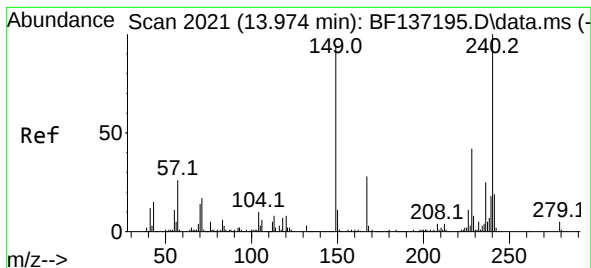
Tgt Ion:198 Resp: 466
Ion Ratio Lower Upper
198 100
51 160.3 40.9 80.9#
105 143.5 26.5 66.5#



#67
4-Bromophenyl-phenylether
Concen: 7.058 ng
RT: 10.610 min Scan# 1449
Delta R.T. -0.259 min
Lab File: BF137323.D
Acq: 07 Feb 2024 16:38

Tgt Ion:248 Resp: 12465
Ion Ratio Lower Upper
248 100
250 193.1 77.7 116.5#
141 495.1 51.6 77.4#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.969 min Scan# 20

Delta R.T. -0.006 min

Lab File: BF137323.D

Acq: 07 Feb 2024 16:38

Instrument :

BNA_F

ClientSampleId :

EB-2-0-2

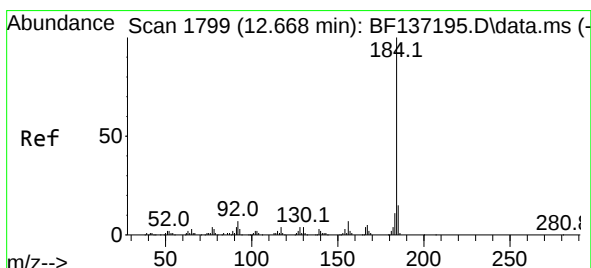
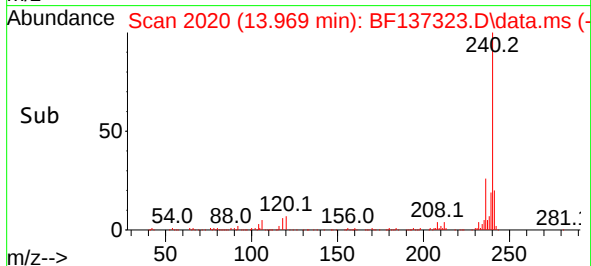
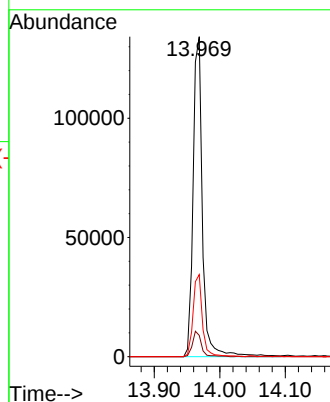
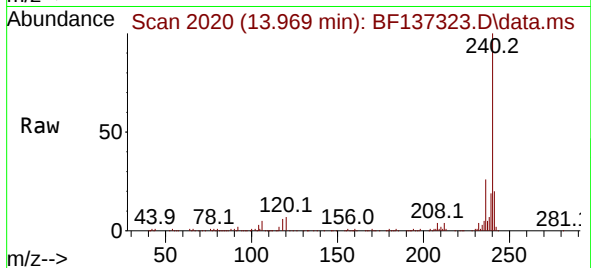
Tgt Ion:240 Resp: 133452

Ion Ratio Lower Upper

240 100

120 6.7 6.3 9.5

236 25.7 20.3 30.5



#77

Benzidine

Concen: 4.687 ng

RT: 12.916 min Scan# 1841

Delta R.T. 0.248 min

Lab File: BF137323.D

Acq: 07 Feb 2024 16:38

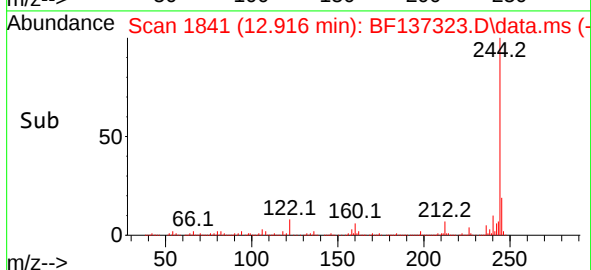
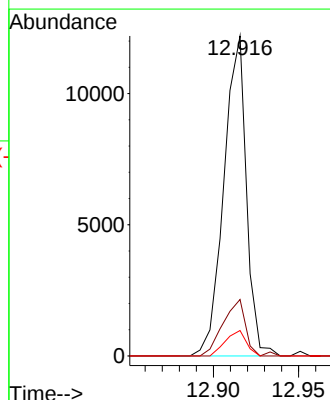
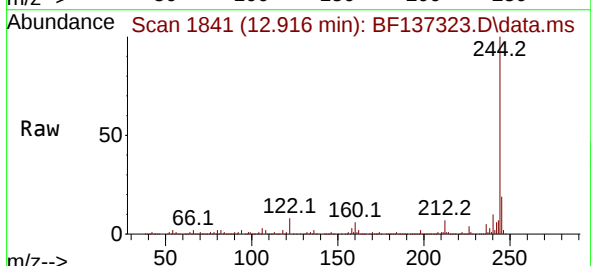
Tgt Ion:184 Resp: 11201

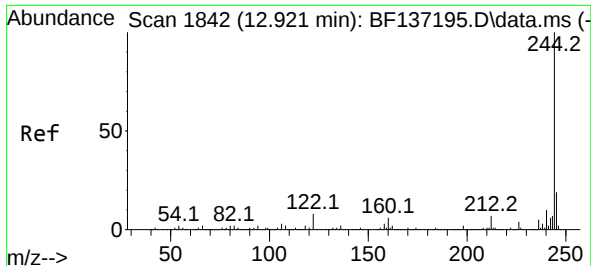
Ion Ratio Lower Upper

184 100

185 17.7 11.9 17.9

183 8.0 8.8 13.2#

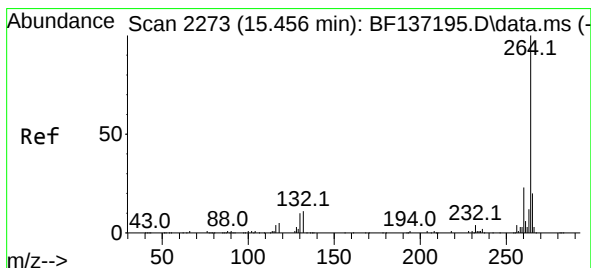
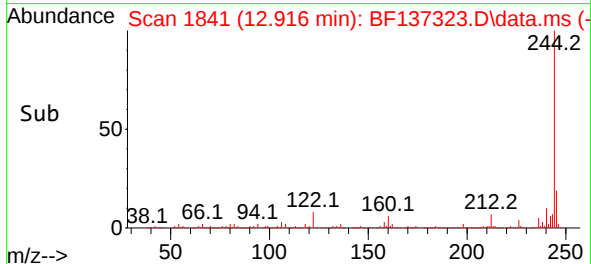
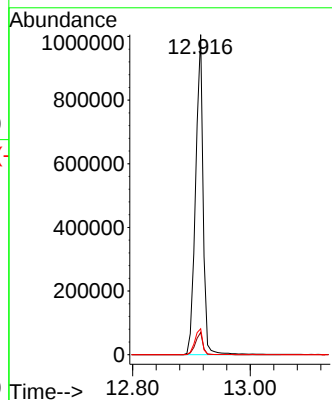
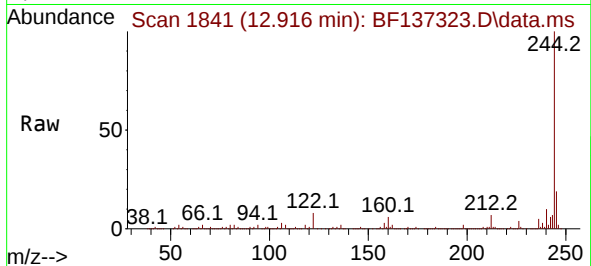




#79
 Terphenyl-d14
 Concen: 90.887 ng
 RT: 12.916 min Scan# 1841
 Delta R.T. -0.006 min
 Lab File: BF137323.D
 Acq: 07 Feb 2024 16:38

Instrument :
 BNA_F
 ClientSampleId :
 EB-2-0-2

Tgt Ion:244 Resp: 892209
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.5 8.3
 122 8.1 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: BF137323.D
 Acq: 07 Feb 2024 16:38

Tgt Ion:264 Resp: 118447
 Ion Ratio Lower Upper
 264 100
 260 24.0 18.2 27.4
 265 22.5 16.2 24.2

