

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020724\
 Data File : BF137318.D
 Acq On : 07 Feb 2024 14:14
 Operator : CG\JU
 Sample : P1366-05
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EB-1-4-6

Quant Time: Feb 07 14:38:08 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)

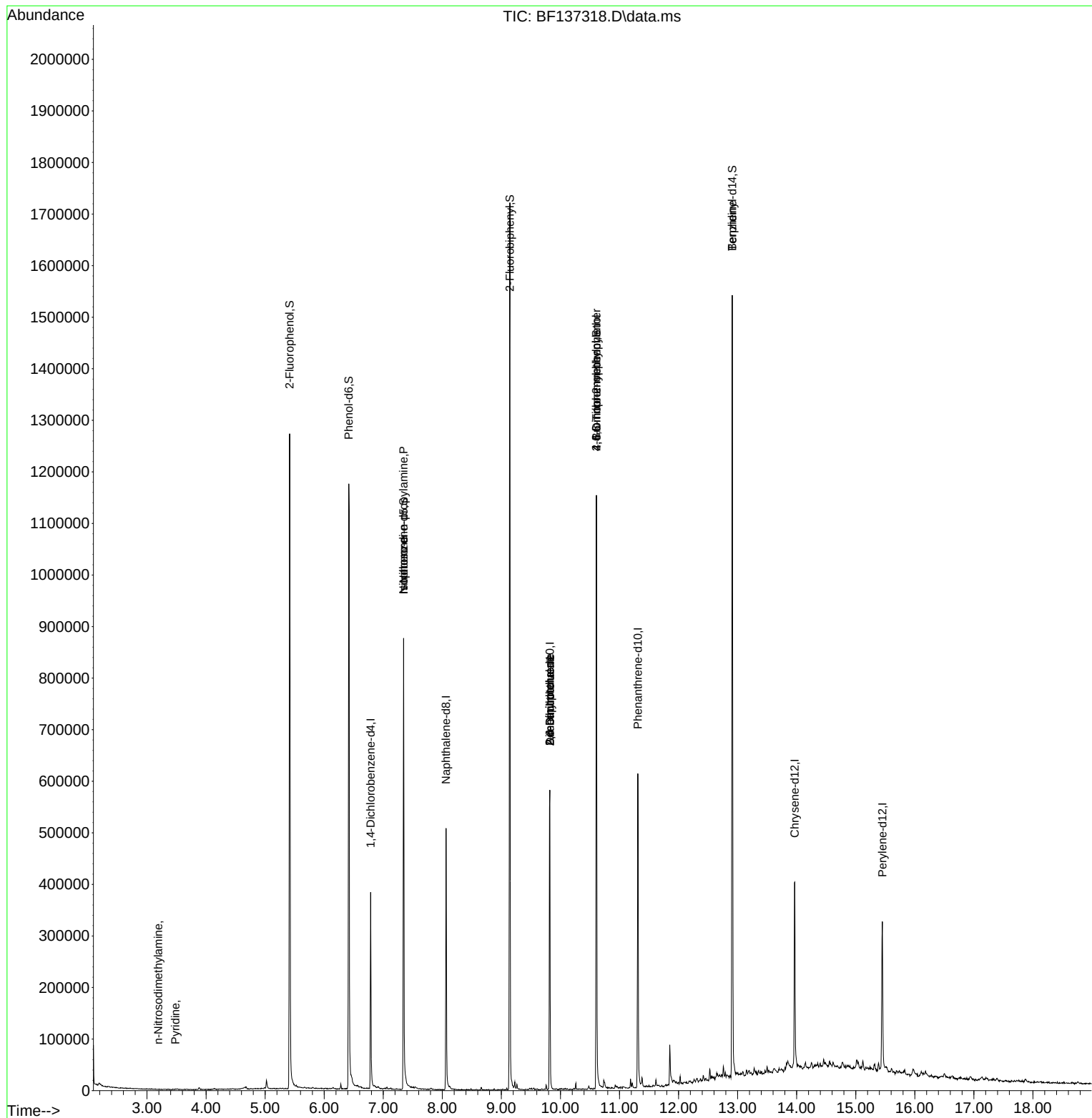
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.787	152	53142	20.000	ng	0.00
21) Naphthalene-d8	8.063	136	209103	20.000	ng	-0.01
39) Acenaphthene-d10	9.822	164	125198	20.000	ng	0.00
64) Phenanthrene-d10	11.310	188	238040	20.000	ng	0.00
76) Chrysene-d12	13.969	240	137783	20.000	ng	0.00
86) Perylene-d12	15.451	264	149051	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.416	112	309166	95.997	ng	0.00
7) Phenol-d6	6.416	99	424942	92.458	ng	-0.01
23) Nitrobenzene-d5	7.345	82	280809	60.125	ng	-0.01
42) 2,4,6-Tribromophenol	10.610	330	131238	92.818	ng	-0.01
45) 2-Fluorobiphenyl	9.145	172	518082	56.885	ng	0.00
79) Terphenyl-d14	12.910	244	524985	51.798	ng	-0.01
Target Compounds						
						Qvalue
3) Pyridine	3.481	79	113	3.067	ng	# 1
4) n-Nitrosodimethylamine	3.193	42	62	6.091	ng	# 1
19) n-Nitroso-di-n-propyla...	7.345	70	37433	11.879	ng	# 81
25) Isophorone	7.345	82	280806	32.573	ng	# 67
50) Dimethylphthalate	9.822	163	24063	2.845	ng	# 1
51) 2,6-Dinitrotoluene	9.822	165	15765	8.741	ng	# 18
57) 2,4-Dinitrotoluene	9.822	165	15765	6.737	ng	# 17
65) 4,6-Dinitro-2-methylph...	10.610	198	230	5.616	ng	# 1
67) 4-Bromophenyl-phenylether	10.610	248	8856	3.383	ng	# 1
77) Benzidine	12.910	184	7162	2.903	ng	# 84

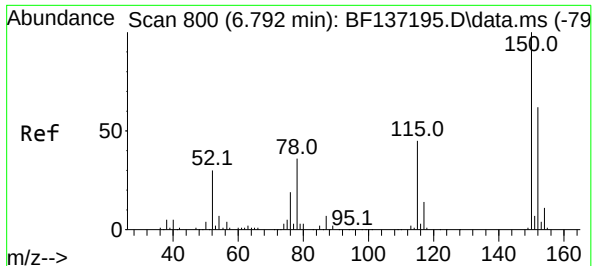
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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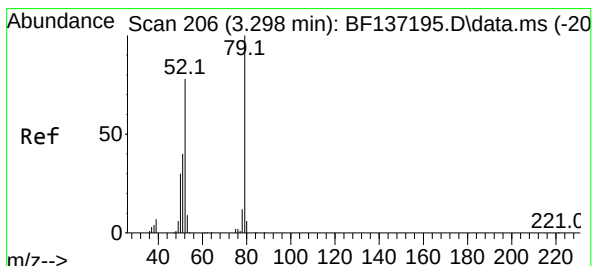
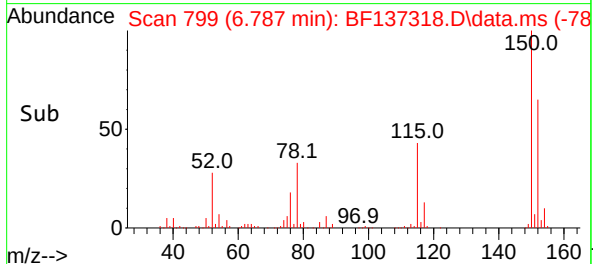
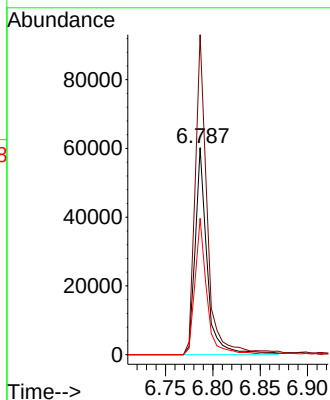
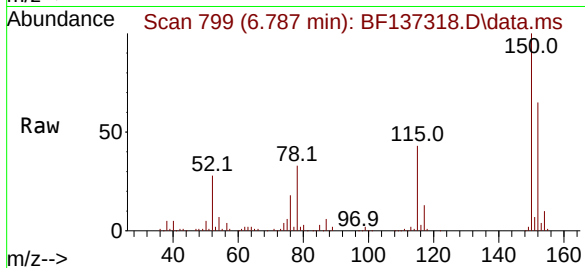




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.787 min Scan# 79
Delta R.T. -0.005 min
Lab File: BF137318.D
Acq: 07 Feb 2024 14:14

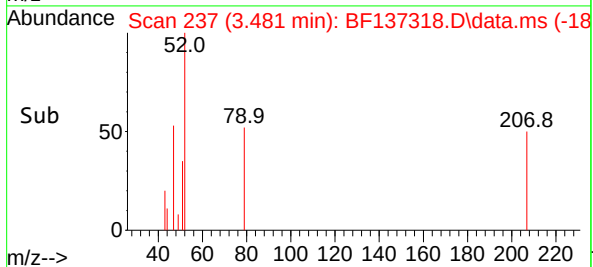
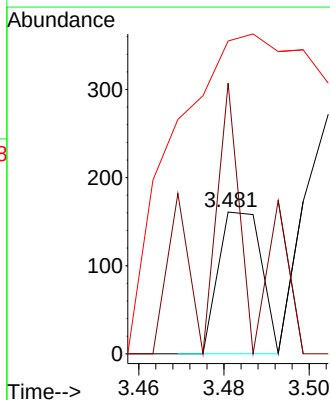
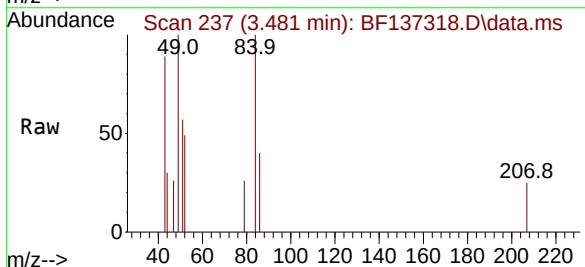
Instrument :
BNA_F
ClientSampleId :
EB-1-4-6

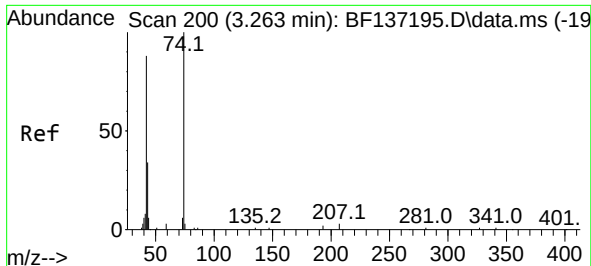
Tgt Ion:152 Resp: 53142
Ion Ratio Lower Upper
152 100
150 154.5 129.8 194.8
115 65.8 58.5 87.7



#3
Pyridine
Concen: 3.067 ng
RT: 3.481 min Scan# 237
Delta R.T. 0.183 min
Lab File: BF137318.D
Acq: 07 Feb 2024 14:14

Tgt Ion: 79 Resp: 113
Ion Ratio Lower Upper
79 100
52 190.7 62.6 94.0#
51 220.5 33.0 49.4#

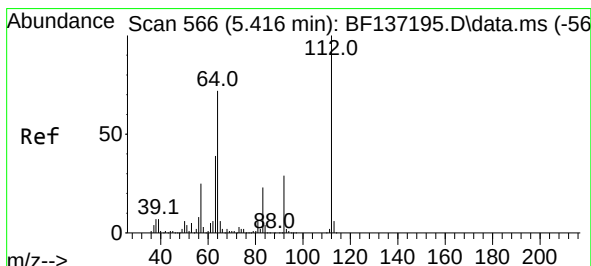
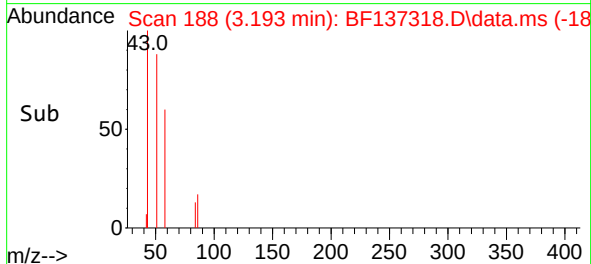
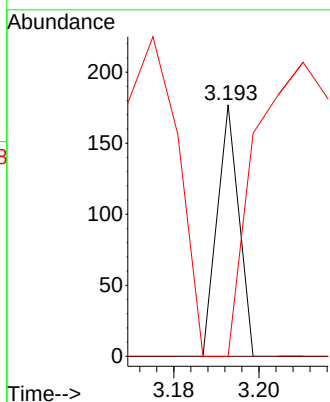
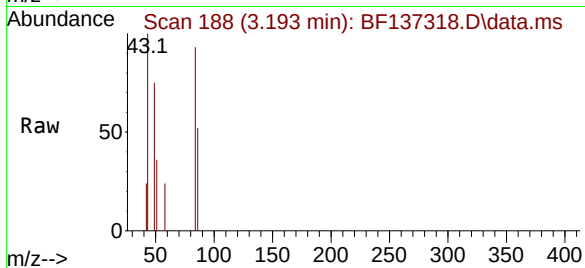




#4
n-Nitrosodimethylamine
Concen: 6.091 ng
RT: 3.193 min Scan# 11
Delta R.T. -0.070 min
Lab File: BF137318.D
Acq: 07 Feb 2024 14:14

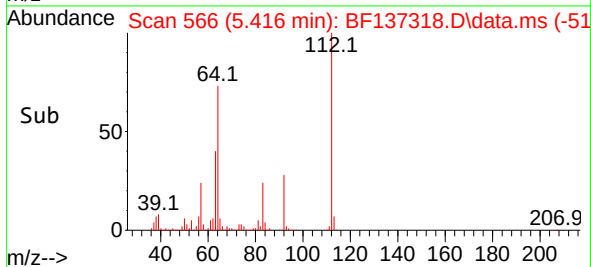
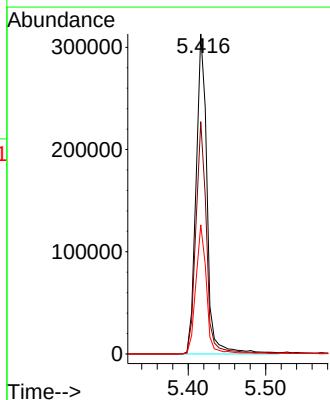
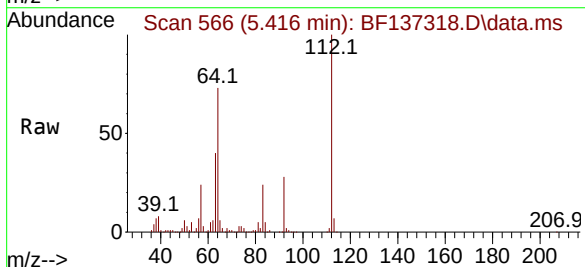
Instrument :
BNA_F
ClientSampleId :
EB-1-4-6

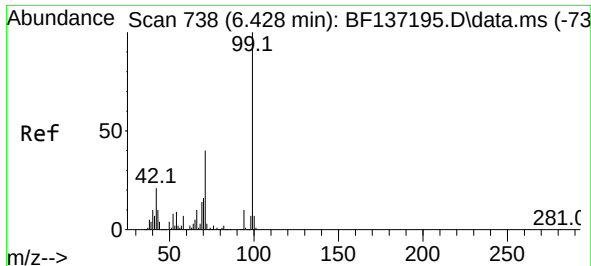
Tgt Ion: 42 Resp: 62
Ion Ratio Lower Upper
42 100
74 0.0 90.5 135.7#
44 0.0 6.1 9.1#



#5
2-Fluorophenol
Concen: 95.997 ng
RT: 5.416 min Scan# 566
Delta R.T. 0.000 min
Lab File: BF137318.D
Acq: 07 Feb 2024 14:14

Tgt Ion: 112 Resp: 309166
Ion Ratio Lower Upper
112 100
64 72.6 57.8 86.6
63 40.4 31.4 47.0

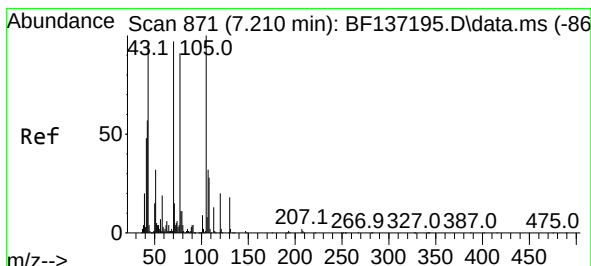
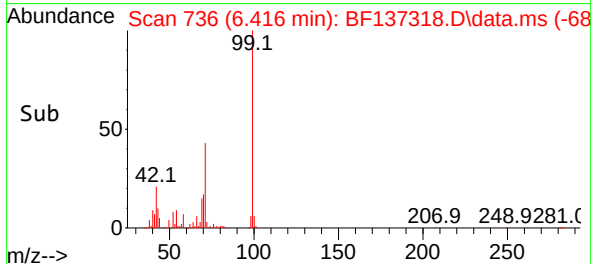
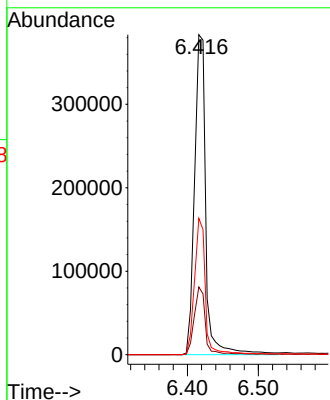
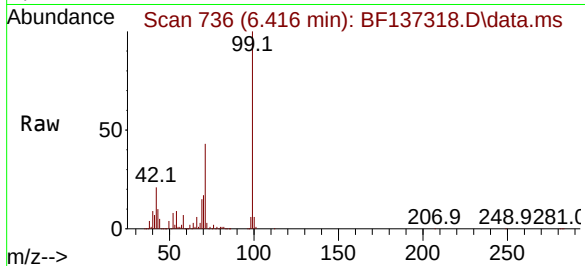




#7
Phenol-d6
Concen: 92.458 ng
RT: 6.416 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF137318.D
Acq: 07 Feb 2024 14:14

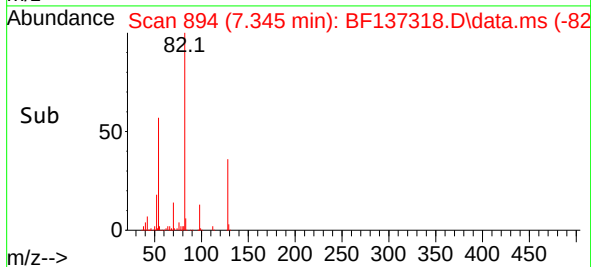
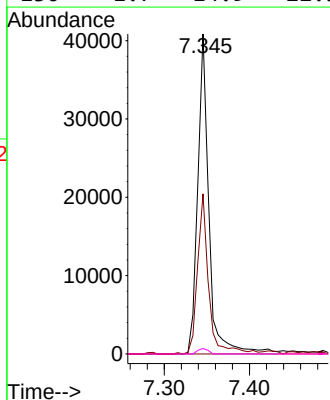
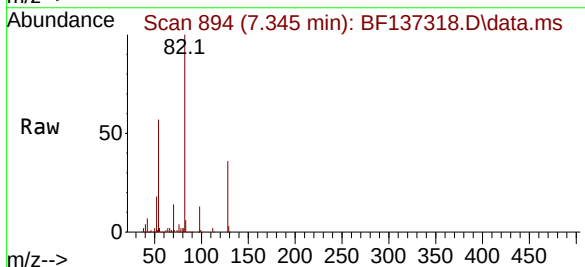
Instrument :
BNA_F
ClientSampleId :
EB-1-4-6

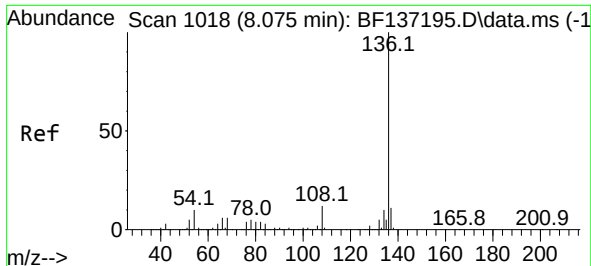
Tgt Ion: 99 Resp: 424942
Ion Ratio Lower Upper
99 100
42 21.2 16.4 24.6
71 42.6 32.4 48.6



#19
n-Nitroso-di-n-propylamine
Concen: 11.879 ng
RT: 7.345 min Scan# 894
Delta R.T. 0.135 min
Lab File: BF137318.D
Acq: 07 Feb 2024 14:14

Tgt Ion: 70 Resp: 37433
Ion Ratio Lower Upper
70 100
42 50.0 47.2 70.8
101 0.0 7.4 11.0#
130 1.7 14.9 22.3#



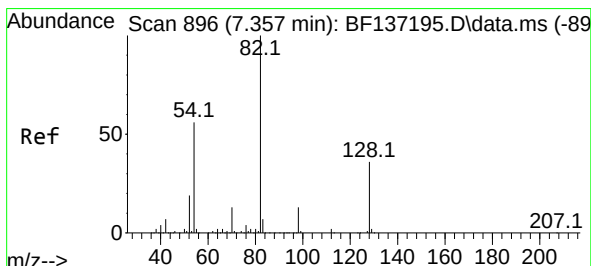
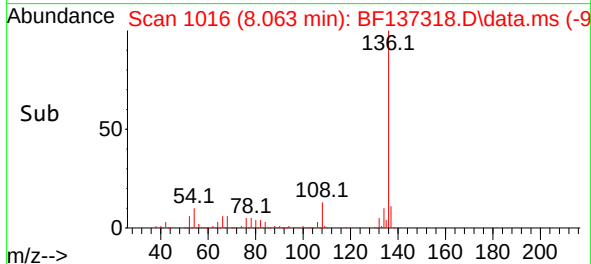
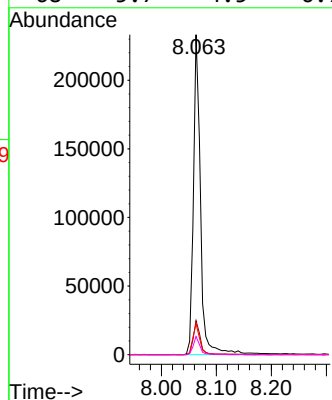
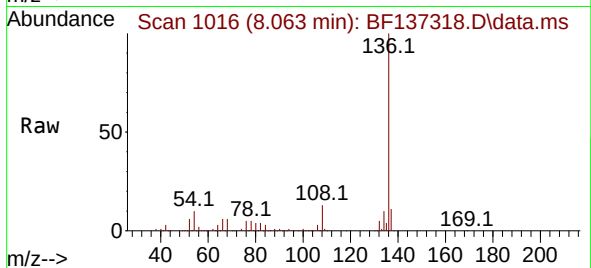


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.063 min Scan# 1016
Delta R.T. -0.012 min
Lab File: BF137318.D
Acq: 07 Feb 2024 14:14

Instrument :
BNA_F
ClientSampleId :
EB-1-4-6

Tgt Ion:136 Resp: 209103

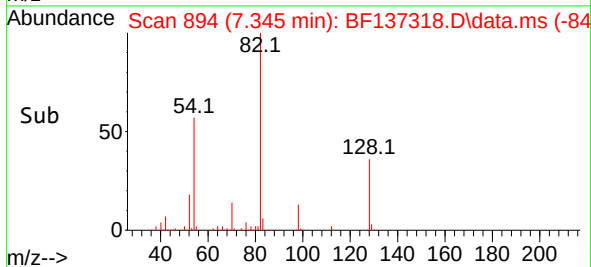
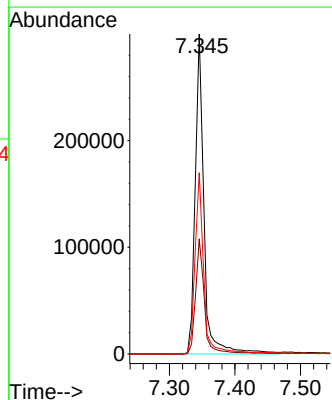
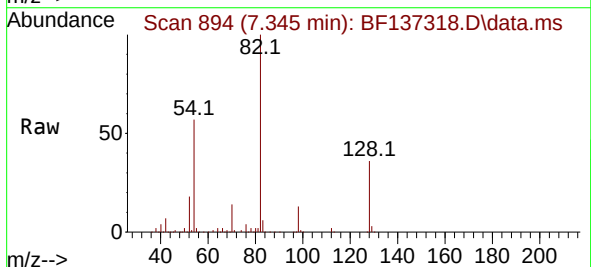
Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.9	13.3
54	9.6	7.8	11.8
68	5.7	4.5	6.7

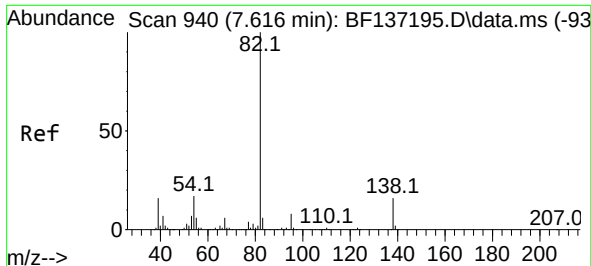


#23
Nitrobenzene-d5
Concen: 60.125 ng
RT: 7.345 min Scan# 894
Delta R.T. -0.012 min
Lab File: BF137318.D
Acq: 07 Feb 2024 14:14

Tgt Ion: 82 Resp: 280809

Ion	Ratio	Lower	Upper
82	100		
128	36.0	29.1	43.7
54	56.7	45.0	67.6

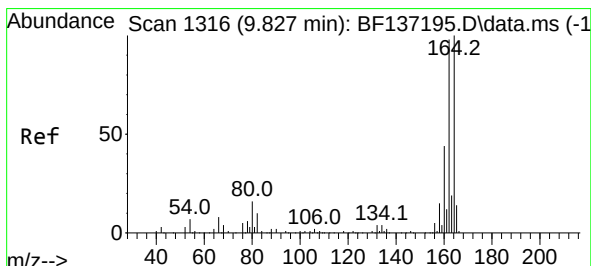
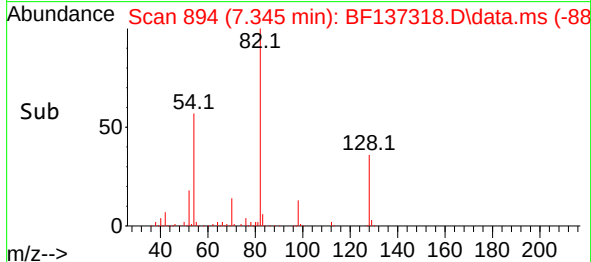
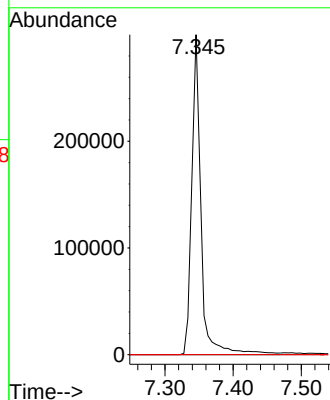
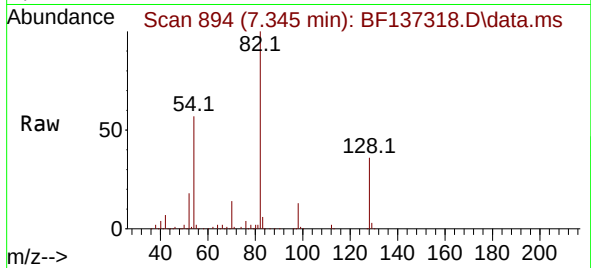




#25
Isophorone
Concen: 32.573 ng
RT: 7.345 min Scan# 894
Delta R.T. -0.270 min
Lab File: BF137318.D
Acq: 07 Feb 2024 14:14

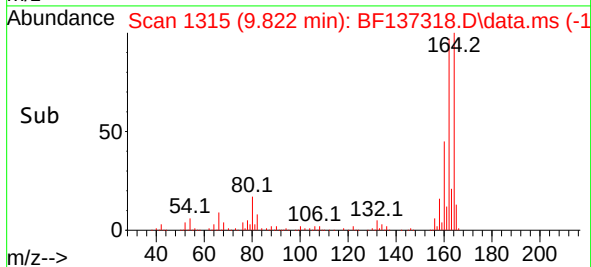
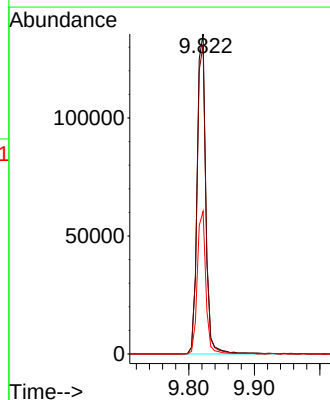
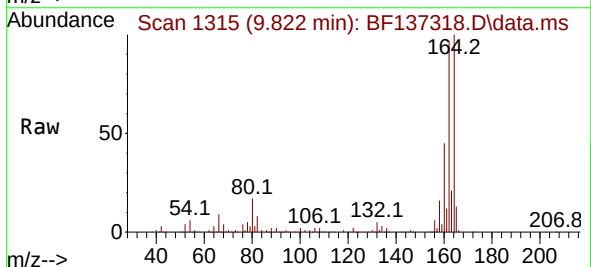
Instrument :
BNA_F
ClientSampleId :
EB-1-4-6

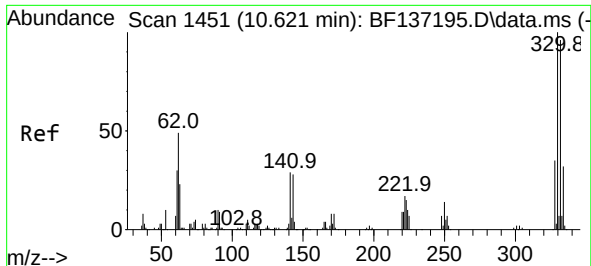
Tgt Ion: 82 Resp: 280806
Ion Ratio Lower Upper
82 100
95 0.0 6.4 9.6#
138 0.0 12.7 19.1#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.822 min Scan# 1315
Delta R.T. -0.005 min
Lab File: BF137318.D
Acq: 07 Feb 2024 14:14

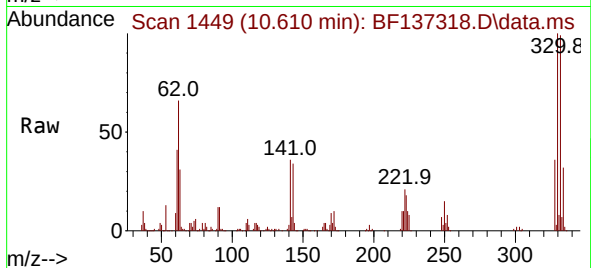
Tgt Ion:164 Resp: 125198
Ion Ratio Lower Upper
164 100
162 96.5 78.3 117.5
160 44.6 35.4 53.2



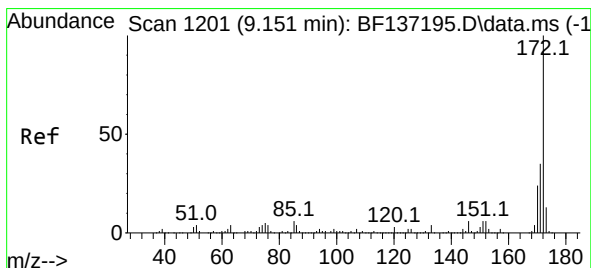
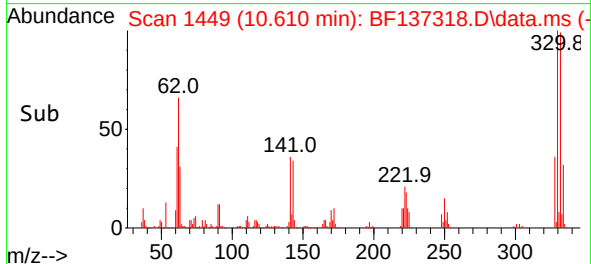
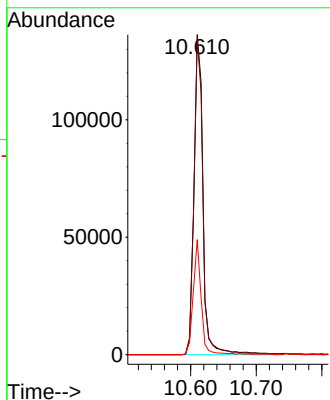


#42
2,4,6-Tribromophenol
Concen: 92.818 ng
RT: 10.610 min Scan# 1449
Delta R.T. -0.012 min
Lab File: BF137318.D
Acq: 07 Feb 2024 14:14

Instrument :
BNA_F
ClientSampleId :
EB-1-4-6

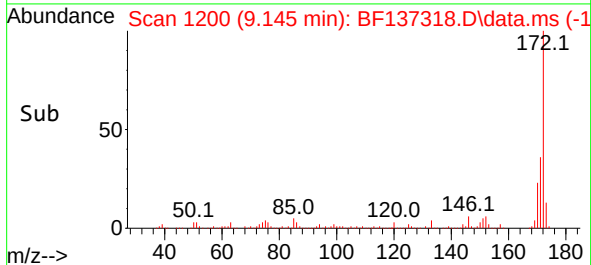
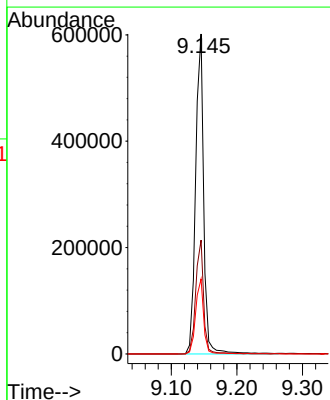
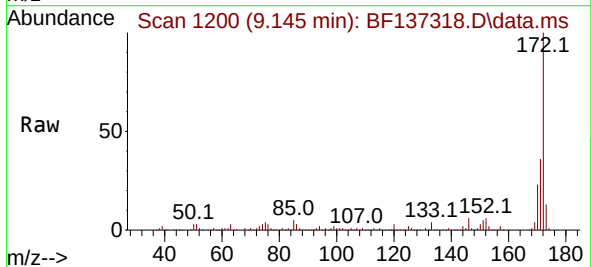


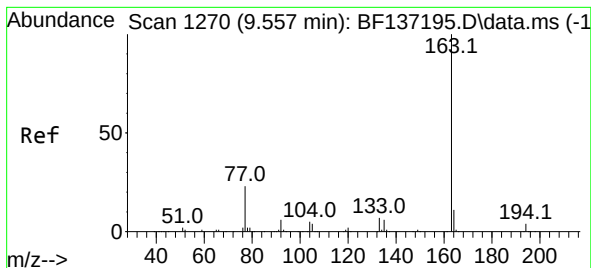
Tgt Ion:330 Resp: 131238
Ion Ratio Lower Upper
330 100
332 97.3 77.3 115.9
141 32.0 25.2 37.8



#45
2-Fluorobiphenyl
Concen: 56.885 ng
RT: 9.145 min Scan# 1200
Delta R.T. -0.006 min
Lab File: BF137318.D
Acq: 07 Feb 2024 14:14

Tgt Ion:172 Resp: 518082
Ion Ratio Lower Upper
172 100
171 35.6 28.3 42.5
170 23.4 19.1 28.7





#50

Dimethylphthalate

Concen: 2.845 ng

RT: 9.822 min Scan# 1315

Delta R.T. 0.265 min

Lab File: BF137318.D

Acq: 07 Feb 2024 14:14

Instrument :

BNA_F

ClientSampleId :

EB-1-4-6

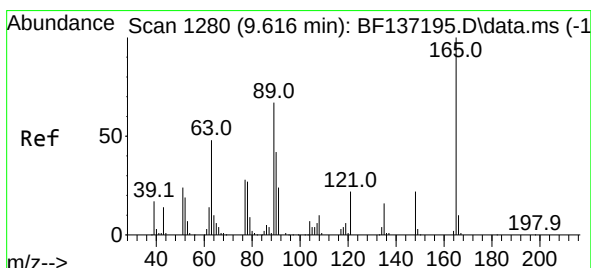
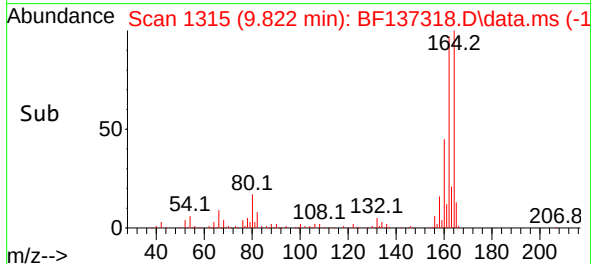
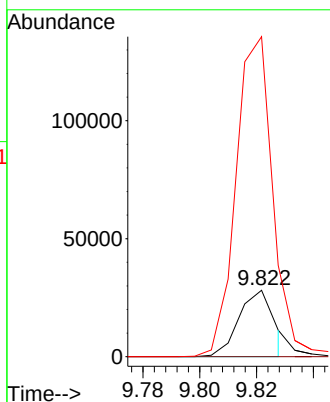
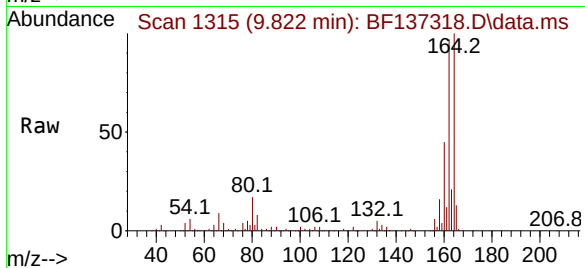
Tgt Ion:163 Resp: 24063

Ion Ratio Lower Upper

163 100

194 0.0 3.3 4.9#

164 481.3 8.6 13.0#



#51

2,6-Dinitrotoluene

Concen: 8.741 ng

RT: 9.822 min Scan# 1315

Delta R.T. 0.206 min

Lab File: BF137318.D

Acq: 07 Feb 2024 14:14

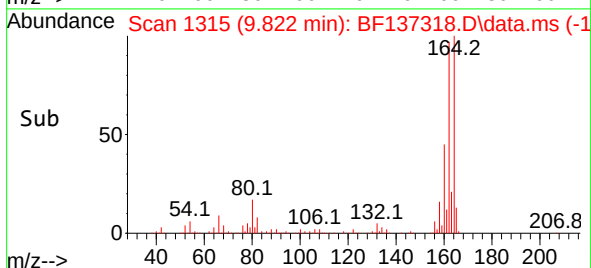
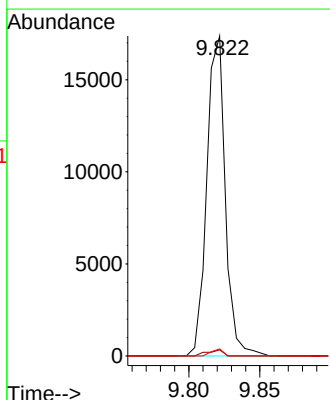
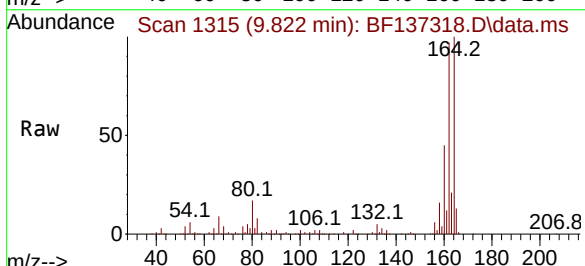
Tgt Ion:165 Resp: 15765

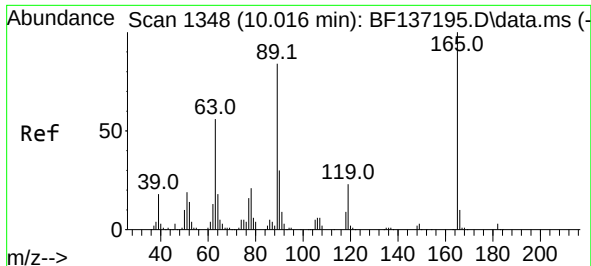
Ion Ratio Lower Upper

165 100

63 1.9 55.1 82.7#

89 2.2 53.5 80.3#

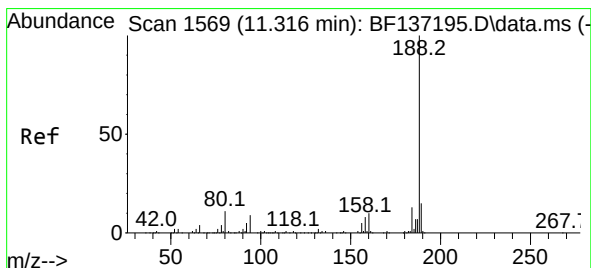
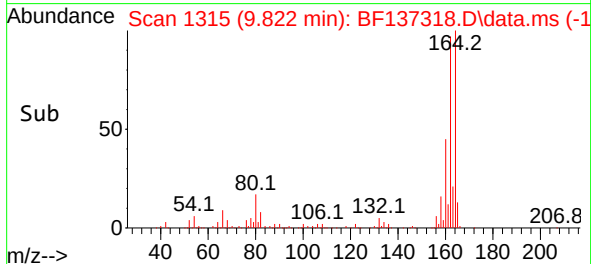
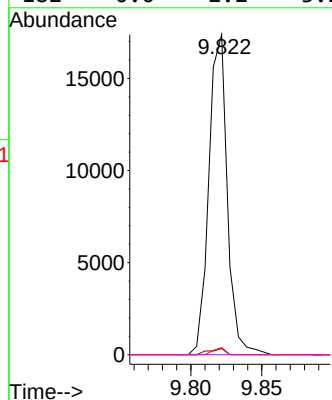
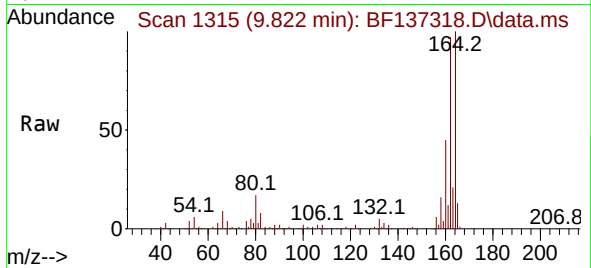




#57
2,4-Dinitrotoluene
Concen: 6.737 ng
RT: 9.822 min Scan# 11
Delta R.T. -0.194 min
Lab File: BF137318.D
Acq: 07 Feb 2024 14:14

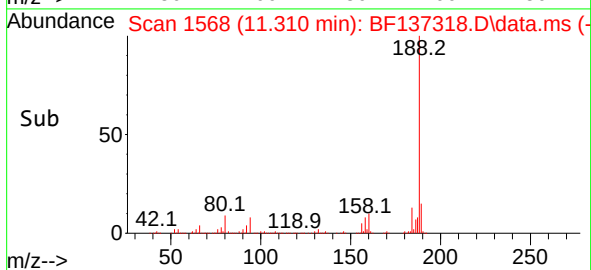
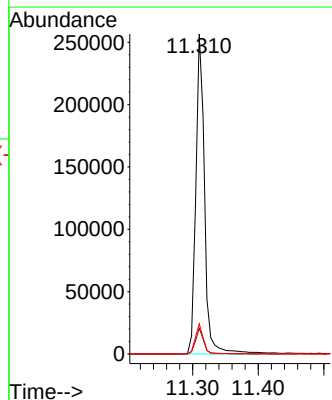
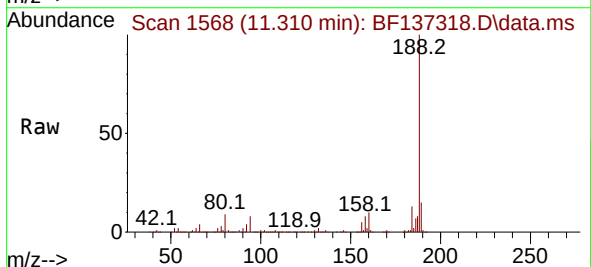
Instrument :
BNA_F
ClientSampleId :
EB-1-4-6

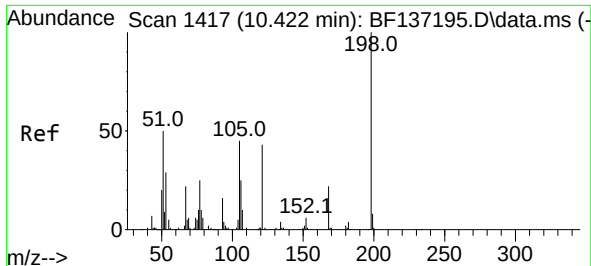
Tgt Ion:165 Resp: 15765
Ion Ratio Lower Upper
165 100
63 1.9 46.1 69.1#
89 2.2 67.5 101.3#
182 0.0 2.2 3.2#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.310 min Scan# 1568
Delta R.T. -0.006 min
Lab File: BF137318.D
Acq: 07 Feb 2024 14:14

Tgt Ion:188 Resp: 238040
Ion Ratio Lower Upper
188 100
94 8.0 7.0 10.4
80 9.5 8.8 13.2





#65

4,6-Dinitro-2-methylphenol

Concen: 5.616 ng

RT: 10.610 min Scan# 1417

Delta R.T. 0.188 min

Lab File: BF137318.D

Acq: 07 Feb 2024 14:14

Instrument :

BNA_F

ClientSampleId :

EB-1-4-6

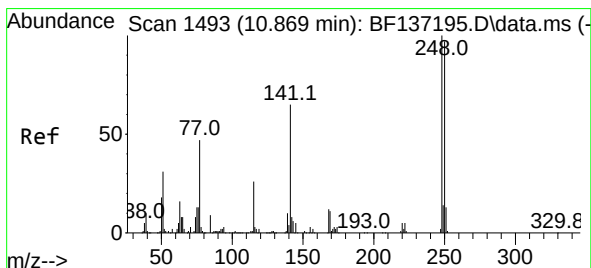
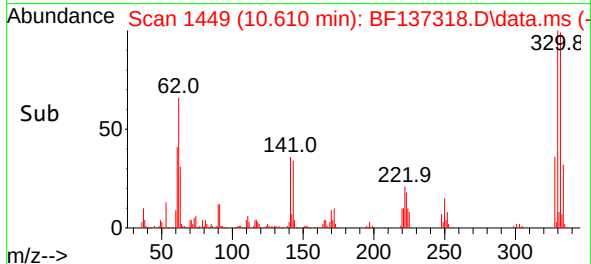
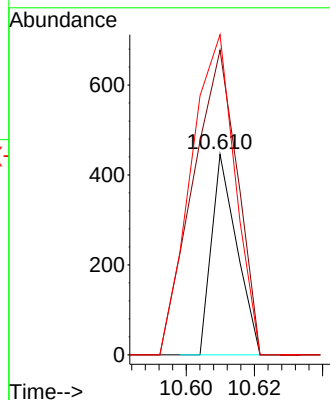
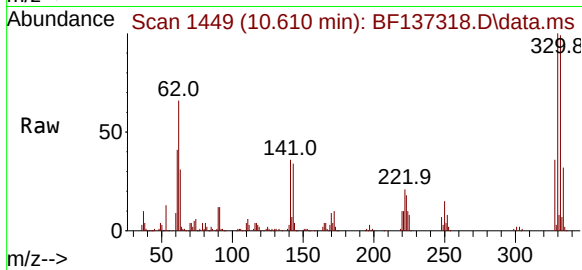
Tgt Ion:198 Resp: 230

Ion Ratio Lower Upper

198 100

51 152.0 40.9 80.9#

105 159.6 26.5 66.5#



#67

4-Bromophenyl-phenylether

Concen: 3.383 ng

RT: 10.610 min Scan# 1449

Delta R.T. -0.259 min

Lab File: BF137318.D

Acq: 07 Feb 2024 14:14

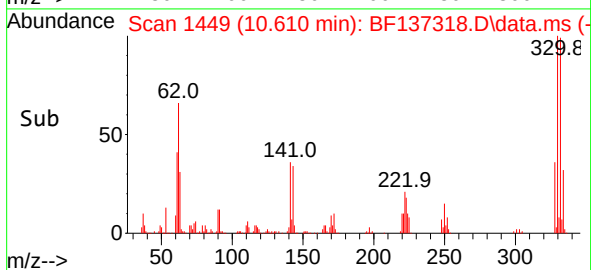
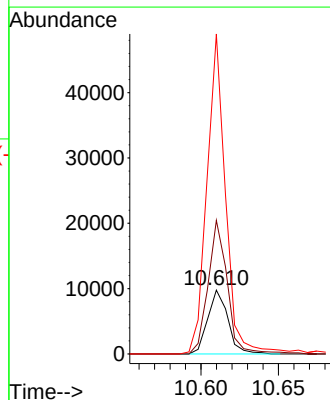
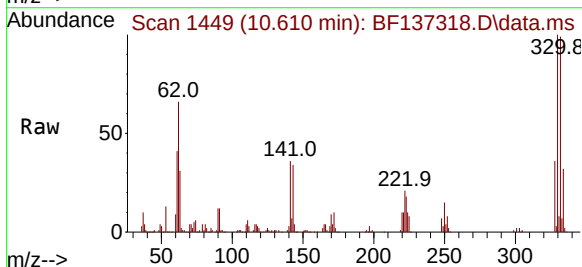
Tgt Ion:248 Resp: 8856

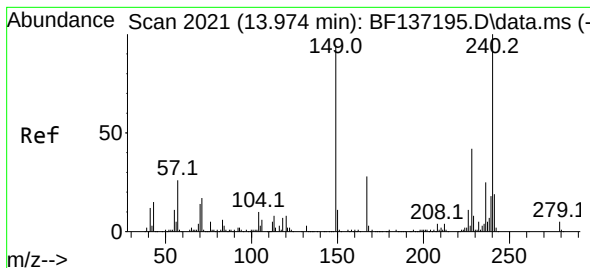
Ion Ratio Lower Upper

248 100

250 209.4 77.7 116.5#

141 501.5 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: BF137318.D

Acq: 07 Feb 2024 14:14

Instrument :

BNA_F

ClientSampleId :

EB-1-4-6

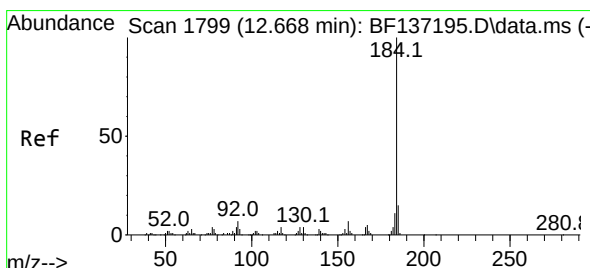
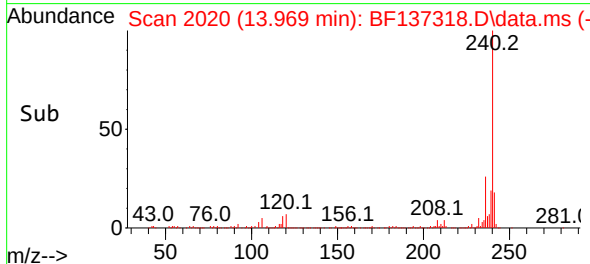
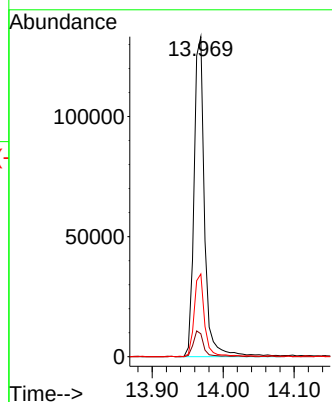
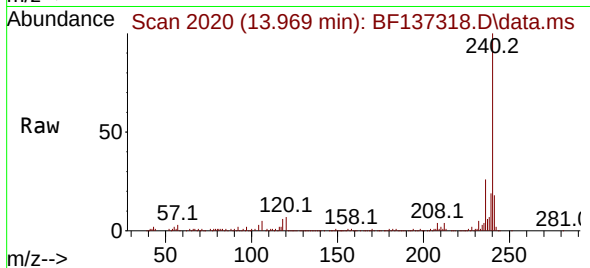
Tgt Ion:240 Resp: 137783

Ion Ratio Lower Upper

240 100

120 7.1 6.3 9.5

236 25.8 20.3 30.5



#77

Benidine

Concen: 2.903 ng

RT: 12.910 min Scan# 1840

Delta R.T. 0.242 min

Lab File: BF137318.D

Acq: 07 Feb 2024 14:14

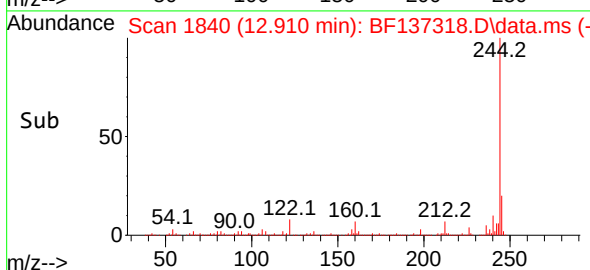
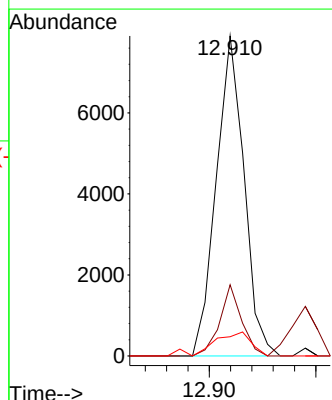
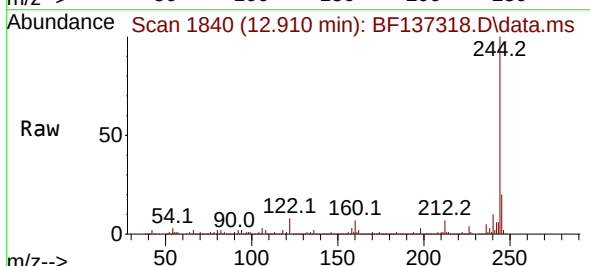
Tgt Ion:184 Resp: 7162

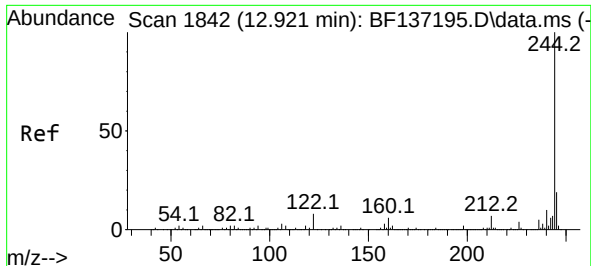
Ion Ratio Lower Upper

184 100

185 22.2 11.9 17.9#

183 6.0 8.8 13.2#





#79

Terphenyl-d14

Concen: 51.798 ng

RT: 12.910 min Scan# 1840

Delta R.T. -0.012 min

Lab File: BF137318.D

Acq: 07 Feb 2024 14:14

Instrument :

BNA_F

ClientSampleId :

EB-1-4-6

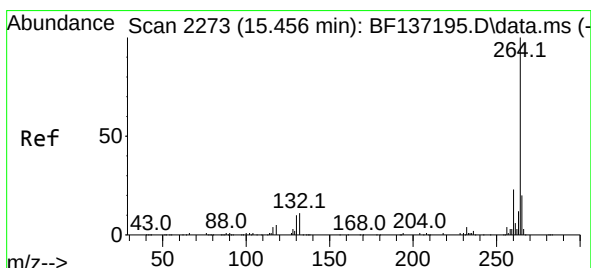
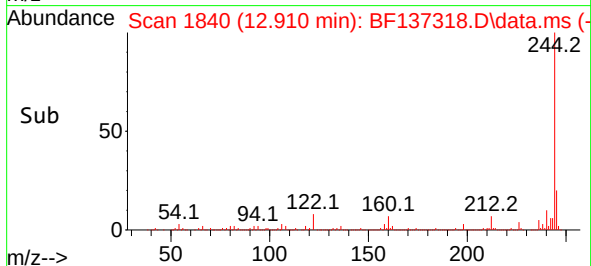
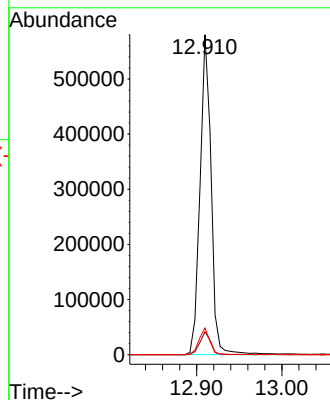
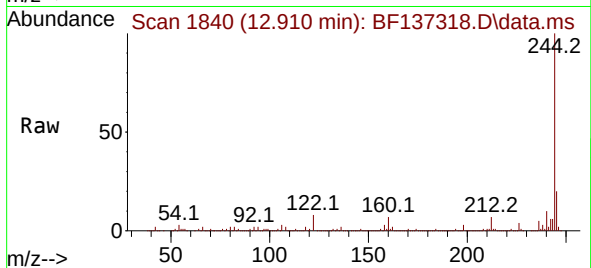
Tgt Ion:244 Resp: 524985

Ion Ratio Lower Upper

244 100

212 7.2 5.5 8.3

122 8.4 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: BF137318.D

Acq: 07 Feb 2024 14:14

Tgt Ion:264 Resp: 149051

Ion Ratio Lower Upper

264 100

260 22.1 18.2 27.4

265 21.2 16.2 24.2

