

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062624\
 Data File : BF138359.D
 Acq On : 26 Jun 2024 19:00
 Operator : CG\JU
 Sample : P3049-02
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SHOR-RAG-DRUM

Quant Time: Jun 27 01:13:15 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061224.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 13 01:52:47 2024
 Response via : Initial Calibration

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

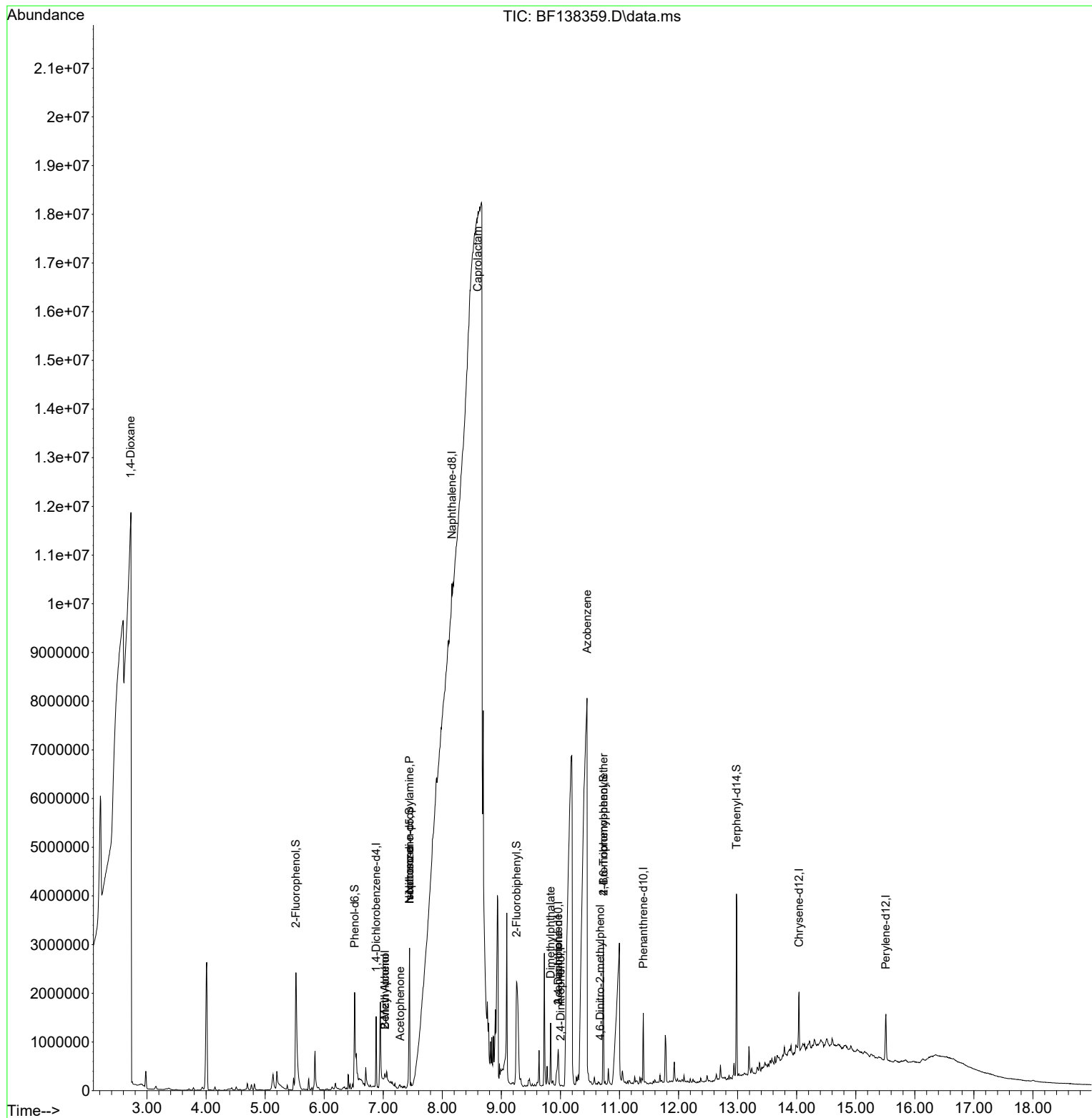
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	200198	20.000	ng	-0.01
21) Naphthalene-d8	8.163	136	310423	20.000	ng	#-0.01
39) Acenaphthene-d10	9.963	164	339533	20.000	ng	0.04
64) Phenanthrene-d10	11.404	188	495906	20.000	ng	-0.01
76) Chrysene-d12	14.039	240	406436	20.000	ng	-0.01
86) Perylene-d12	15.510	264	448317	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	1469464	122.786	ng	0.01
7) Phenol-d6	6.516	99	1292365	85.162	ng	0.00
23) Nitrobenzene-d5	7.445	82	958025	179.667	ng	-0.01
42) 2,4,6-Tribromophenol	10.727	330	392464	116.109	ng	0.01
45) 2-Fluorobiphenyl	9.257	172	1883893	88.229	ng	0.00
79) Terphenyl-d14	12.980	244	1372731	53.494	ng	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	2.722	88	1307447	238.726	ng	# 58
15) Benzyl Alcohol	7.028	79	44711	4.370	ng	98
17) 2-Methylphenol	7.028	107	31221	3.058	ng	# 38
19) n-Nitroso-di-n-propyla...	7.445	70	126560	14.070	ng	# 77
22) Acetophenone	7.287	105	26101	3.681	ng	# 96
25) Isophorone	7.445	82	954024	98.915	ng	# 62
35) Caprolactam	8.598	113	6079	4.639	ng	# 1
50) Dimethylphthalate	9.833	163	307882	14.800	ng	# 94
54) 2,4-Dinitrophenol	10.004	184	53	4.236	ng	# 1
57) 2,4-Dinitrotoluene	9.963	165	44755	8.040	ng	# 36
63) Azobenzene	10.451	77	2920422	147.639	ng	# 44
65) 4,6-Dinitro-2-methylph...	10.675	198	62	6.955	ng	# 1
67) 4-Bromophenyl-phenylether	10.727	248	24550	4.393	ng	# 1

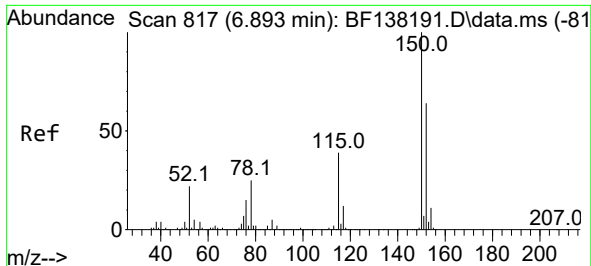
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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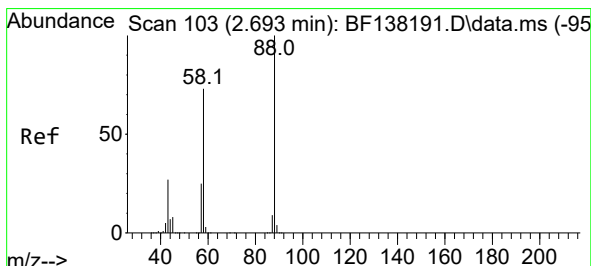
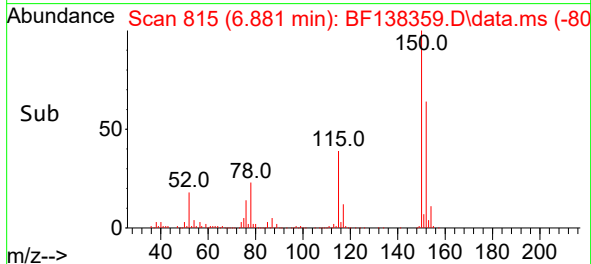
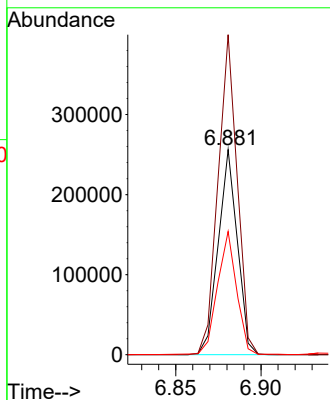
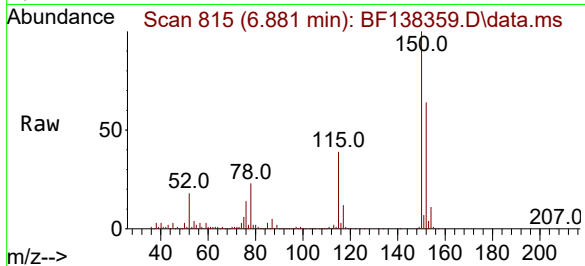




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.881 min Scan# 81
Delta R.T. -0.012 min
Lab File: BF138359.D
Acq: 26 Jun 2024 19:00

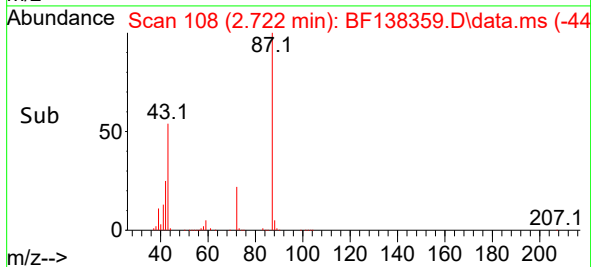
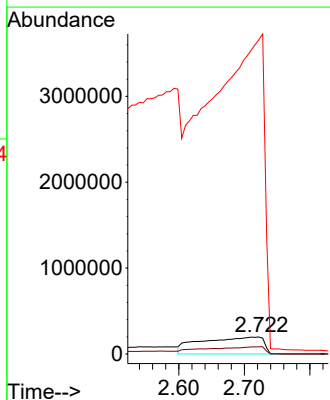
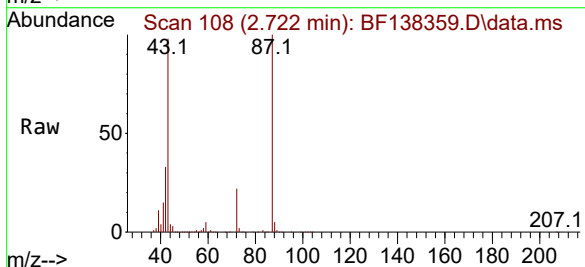
Instrument :
BNA_F
ClientSampleId :
SHOR-RAG-DRUM

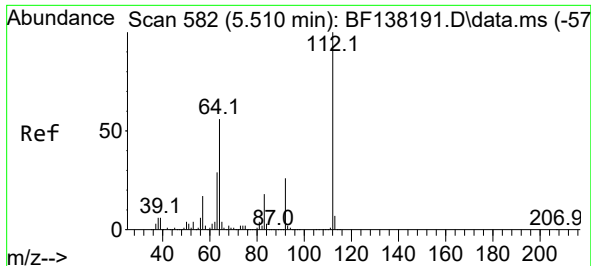
Tgt Ion:152 Resp: 200198
Ion Ratio Lower Upper
152 100
150 156.0 125.0 187.4
115 60.1 48.4 72.6



#2
1,4-Dioxane
Concen: 238.726 ng
RT: 2.722 min Scan# 108
Delta R.T. 0.029 min
Lab File: BF138359.D
Acq: 26 Jun 2024 19:00

Tgt Ion: 88 Resp: 1307447
Ion Ratio Lower Upper
88 100
58 41.2 58.6 87.8#
43 0.0 22.4 33.6#

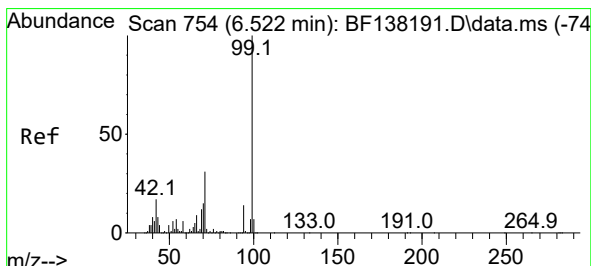
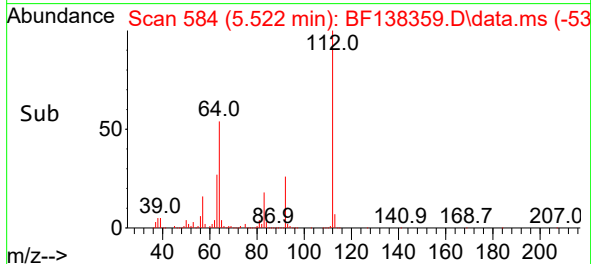
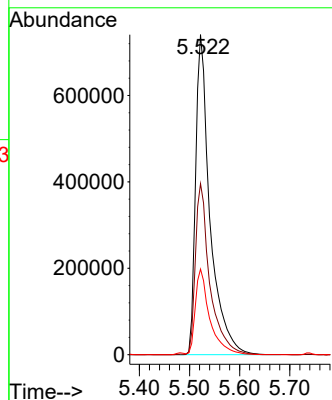
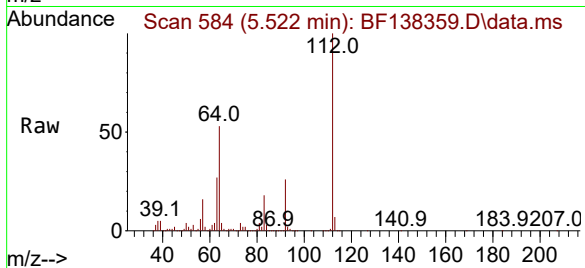




#5
2-Fluorophenol
Concen: 122.786 ng
RT: 5.522 min Scan# 51
Delta R.T. 0.012 min
Lab File: BF138359.D
Acq: 26 Jun 2024 19:00

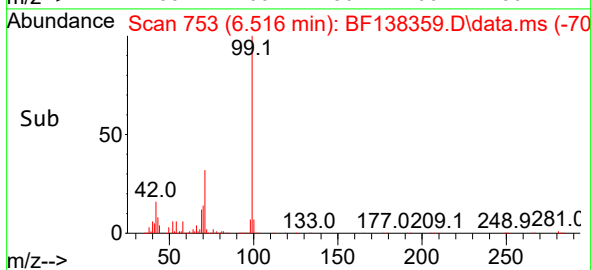
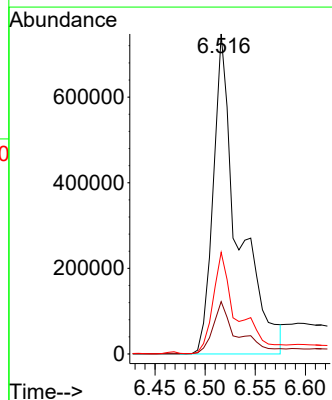
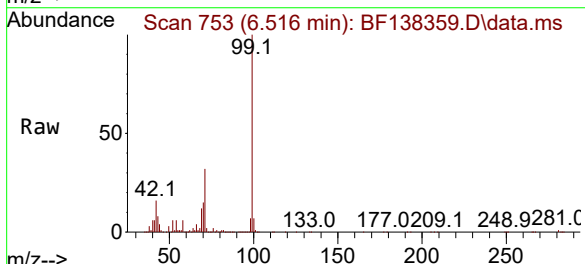
Instrument :
BNA_F
ClientSampleId :
SHOR-RAG-DRUM

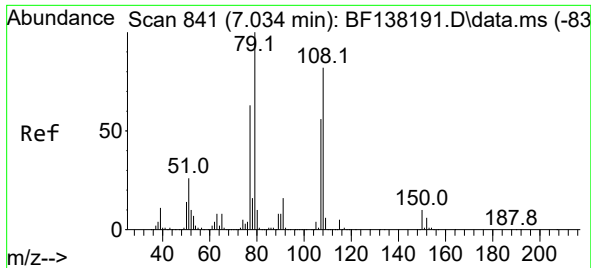
Tgt Ion:112 Resp: 1469464
Ion Ratio Lower Upper
112 100
64 53.4 45.2 67.8
63 26.7 22.9 34.3



#7
Phenol-d6
Concen: 85.162 ng
RT: 6.516 min Scan# 753
Delta R.T. -0.006 min
Lab File: BF138359.D
Acq: 26 Jun 2024 19:00

Tgt Ion: 99 Resp: 1292365
Ion Ratio Lower Upper
99 100
42 16.4 13.7 20.5
71 31.7 25.0 37.6





#15

Benzyl Alcohol

Concen: 4.370 ng

RT: 7.028 min Scan# 841

Delta R.T. -0.006 min

Lab File: BF138359.D

Acq: 26 Jun 2024 19:00

Instrument :

BNA_F

ClientSampleId :

SHOR-RAG-DRUM

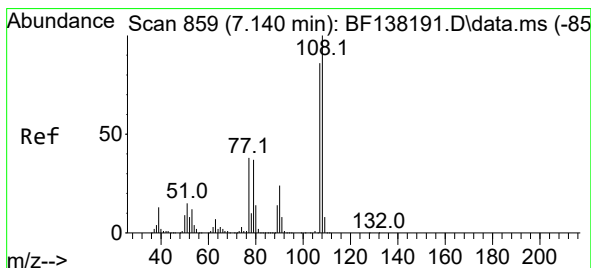
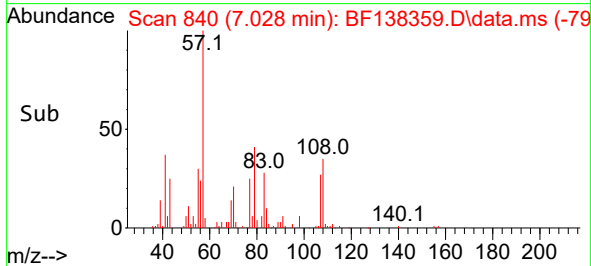
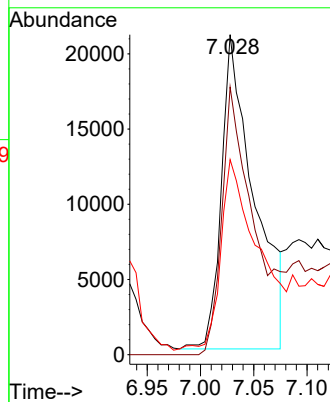
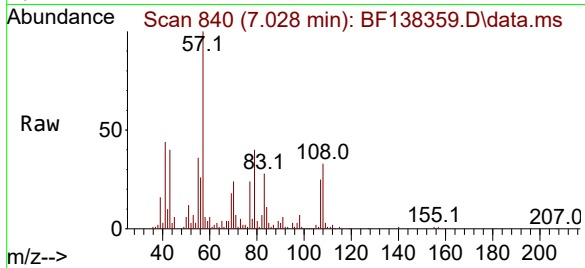
Tgt Ion: 79 Resp: 44711

Ion Ratio Lower Upper

79 100

108 83.6 65.9 98.9

77 61.0 50.3 75.5



#17

2-Methylphenol

Concen: 3.058 ng

RT: 7.028 min Scan# 840

Delta R.T. -0.112 min

Lab File: BF138359.D

Acq: 26 Jun 2024 19:00

Tgt Ion: 107 Resp: 31221

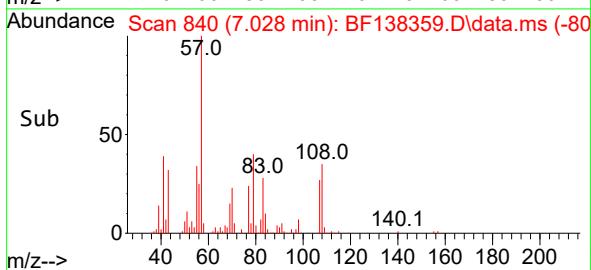
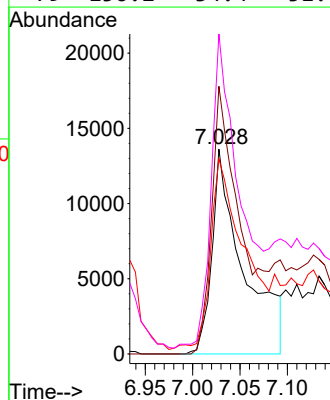
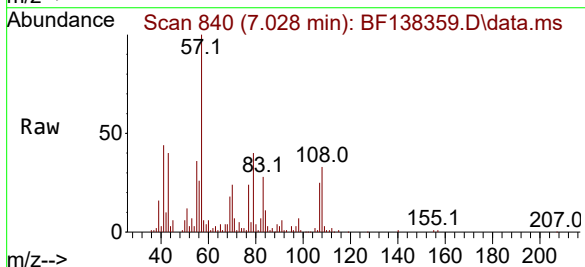
Ion Ratio Lower Upper

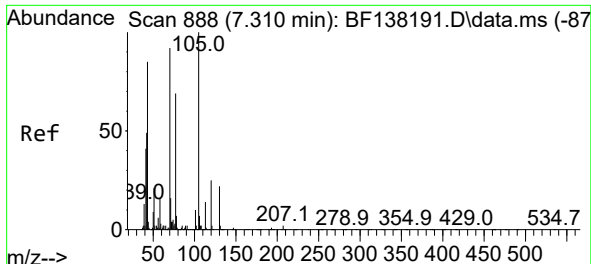
107 100

108 130.7 92.7 139.1

77 95.2 35.7 53.5#

79 156.2 34.4 51.6#

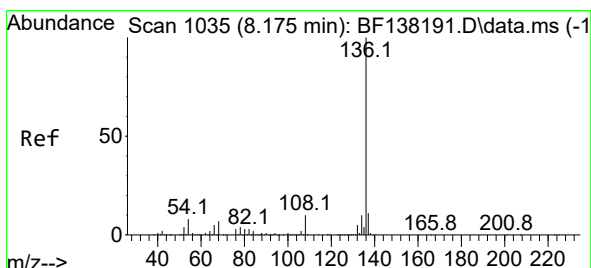
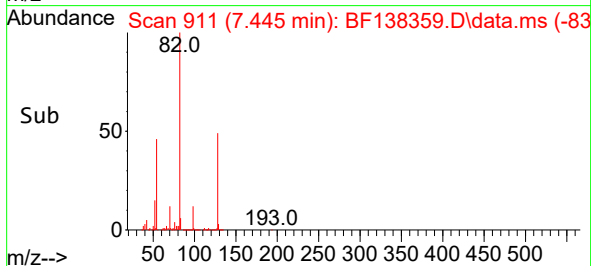
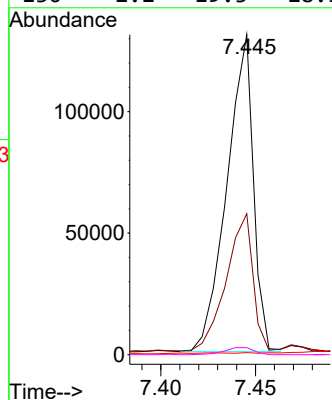
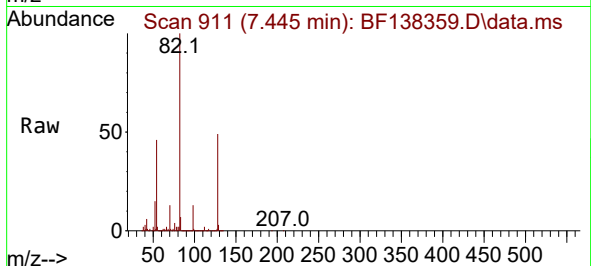




#19
n-Nitroso-di-n-propylamine
Concen: 14.070 ng
RT: 7.445 min Scan# 91
Delta R.T. 0.135 min
Lab File: BF138359.D
Acq: 26 Jun 2024 19:00

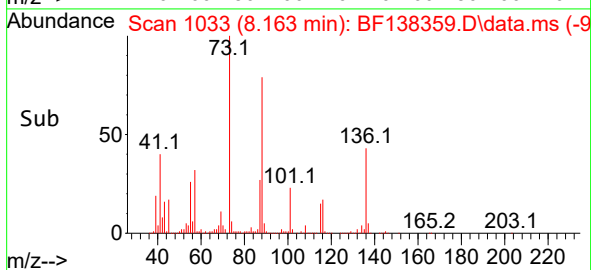
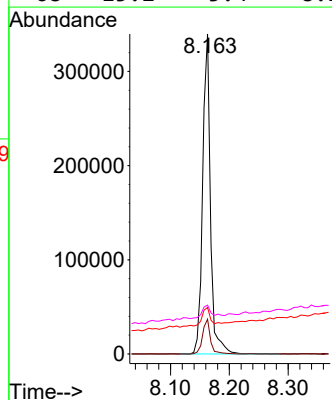
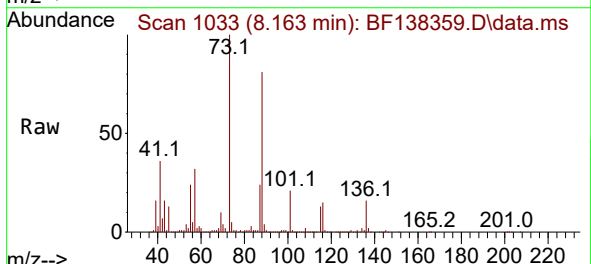
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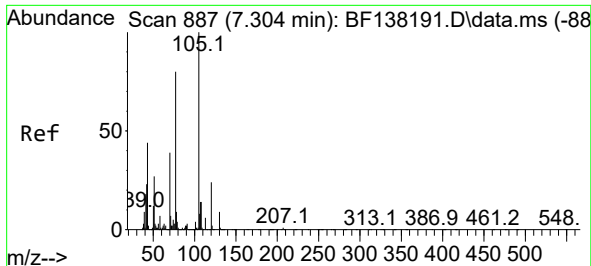
Tgt Ion: 70 Resp: 126560
Ion Ratio Lower Upper
70 100
42 44.0 42.8 64.2
101 0.7 8.4 12.6#
130 2.2 19.3 28.9#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.163 min Scan# 1033
Delta R.T. -0.012 min
Lab File: BF138359.D
Acq: 26 Jun 2024 19:00

Tgt Ion:136 Resp: 310423
Ion Ratio Lower Upper
136 100
137 10.8 9.1 13.7
54 14.5 6.6 10.0#
68 15.2 5.4 8.2#

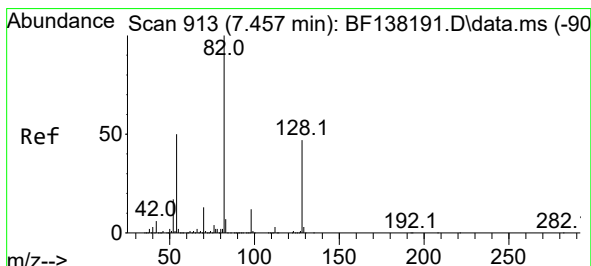
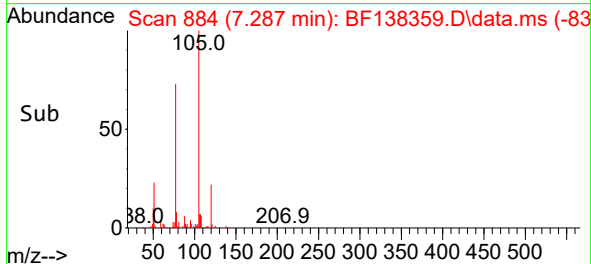
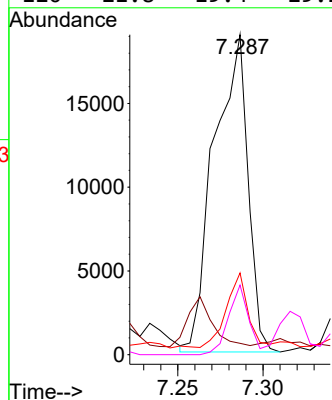
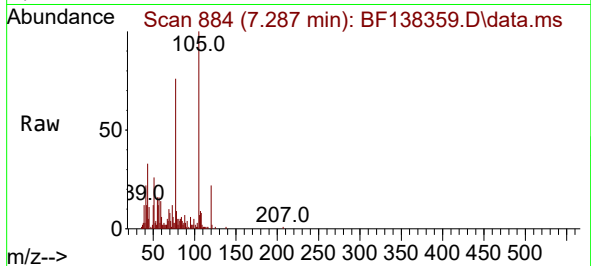




#22
Acetophenone
Concen: 3.681 ng
RT: 7.287 min Scan# 81
Delta R.T. -0.018 min
Lab File: BF138359.D
Acq: 26 Jun 2024 19:00

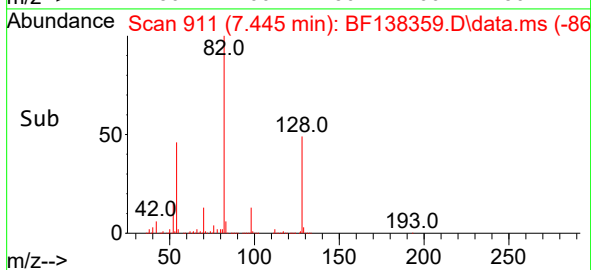
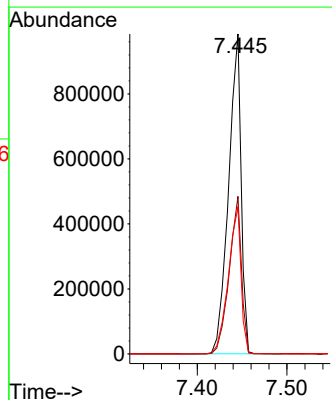
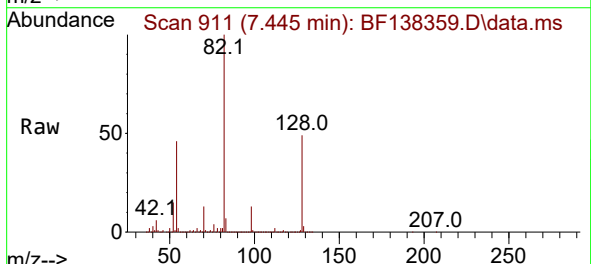
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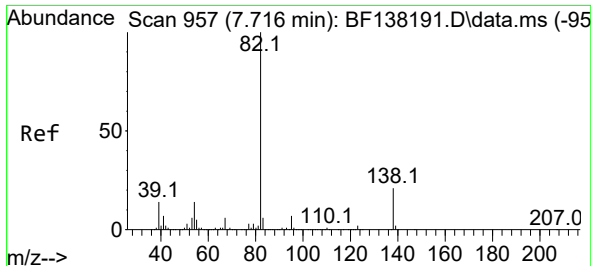
Tgt Ion:105 Resp: 26101
Ion Ratio Lower Upper
105 100
71 3.5 5.4 8.2#
51 25.5 21.4 32.0
120 21.8 19.4 29.2



#23
Nitrobenzene-d5
Concen: 179.667 ng
RT: 7.445 min Scan# 911
Delta R.T. -0.012 min
Lab File: BF138359.D
Acq: 26 Jun 2024 19:00

Tgt Ion: 82 Resp: 958025
Ion Ratio Lower Upper
82 100
128 49.3 37.2 55.8
54 45.9 39.8 59.6

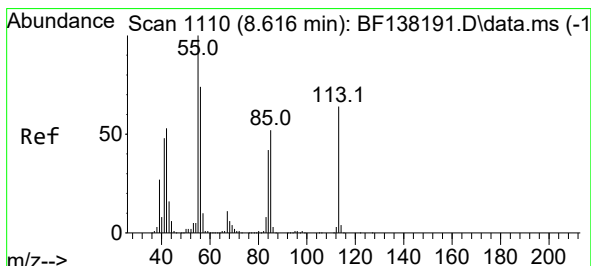
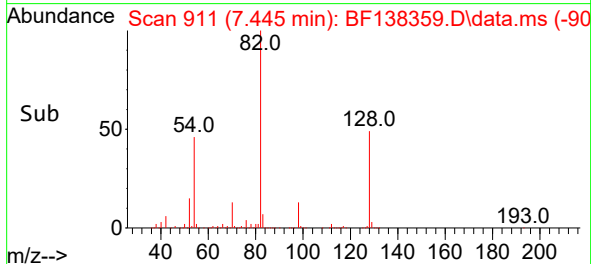
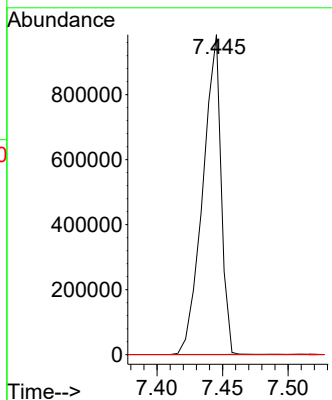
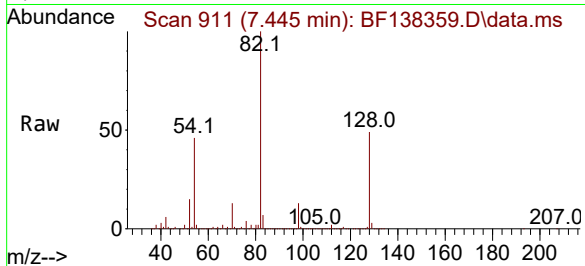




#25
Isophorone
Concen: 98.915 ng
RT: 7.445 min Scan# 911
Delta R.T. -0.271 min
Lab File: BF138359.D
Acq: 26 Jun 2024 19:00

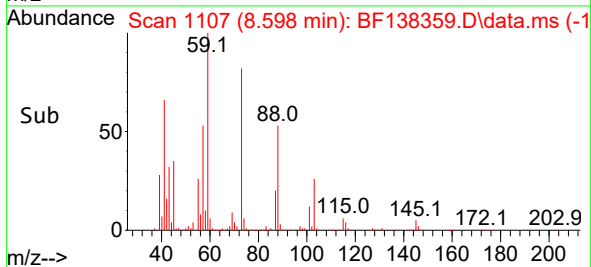
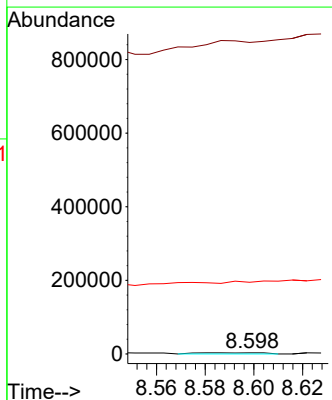
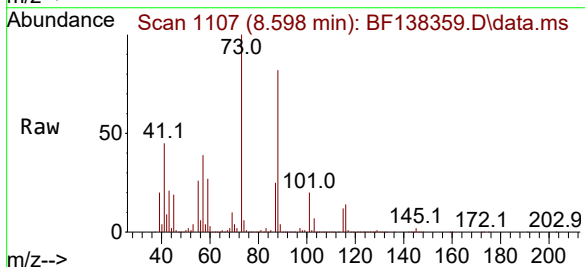
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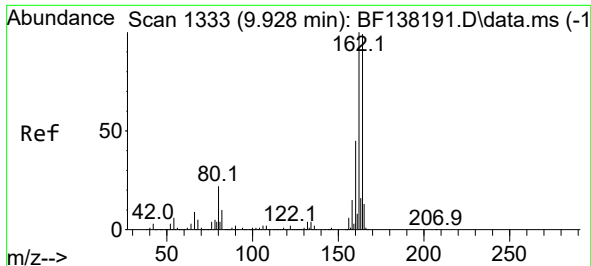
Tgt Ion: 82 Resp: 954024
Ion Ratio Lower Upper
82 100
95 0.1 5.6 8.4#
138 0.0 16.4 24.6#



#35
Caprolactam
Concen: 4.639 ng
RT: 8.598 min Scan# 1107
Delta R.T. -0.018 min
Lab File: BF138359.D
Acq: 26 Jun 2024 19:00

Tgt Ion: 113 Resp: 6079
Ion Ratio Lower Upper
113 100
55 28355.1 135.4 175.4#
56 6530.8 95.5 135.5#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.963 min Scan# 1

Delta R.T. 0.035 min

Lab File: BF138359.D

Acq: 26 Jun 2024 19:00

Instrument :

BNA_F

ClientSampleId :

SHOR-RAG-DRUM

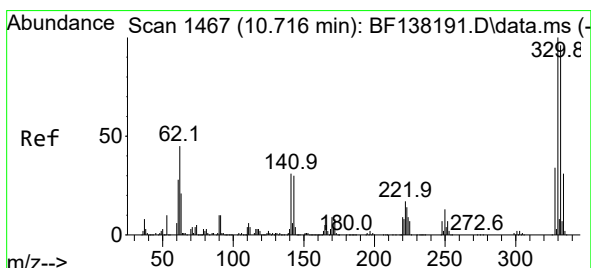
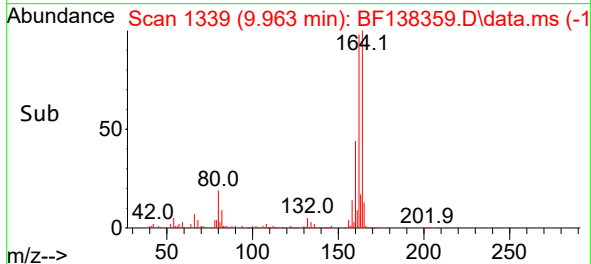
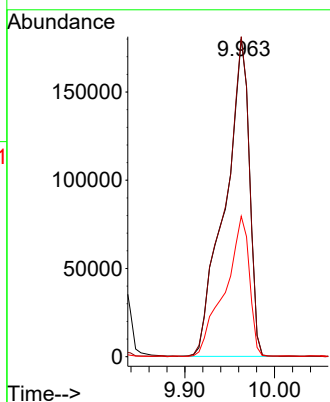
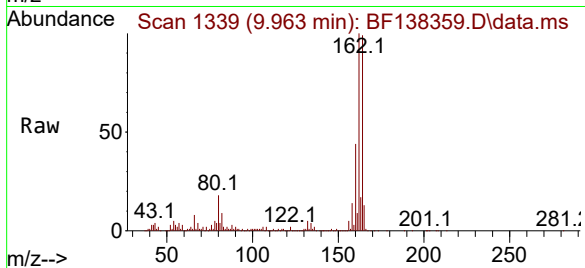
Tgt Ion:164 Resp: 339533

Ion Ratio Lower Upper

164 100

162 100.7 80.6 121.0

160 44.2 36.3 54.5



#42

2,4,6-Tribromophenol

Concen: 116.109 ng

RT: 10.727 min Scan# 1469

Delta R.T. 0.012 min

Lab File: BF138359.D

Acq: 26 Jun 2024 19:00

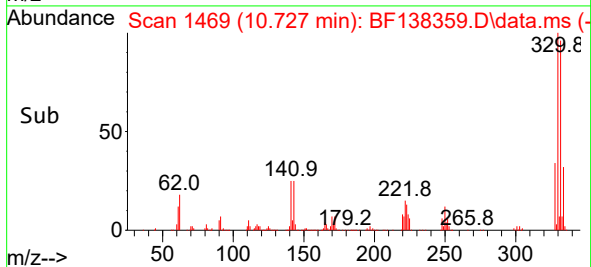
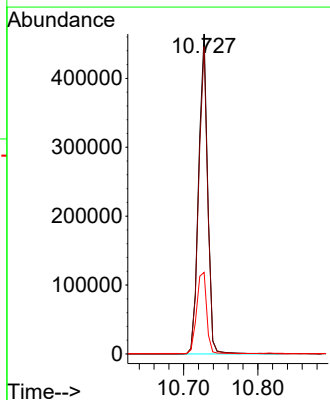
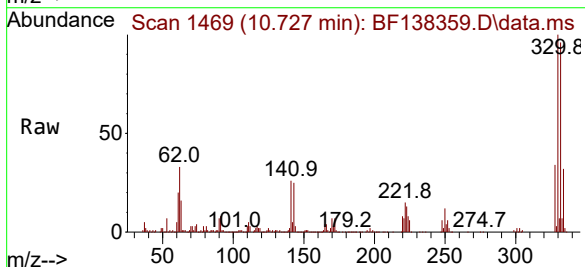
Tgt Ion:330 Resp: 392464

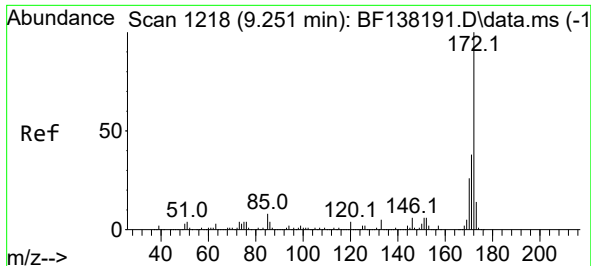
Ion Ratio Lower Upper

330 100

332 96.2 76.6 115.0

141 28.2 23.9 35.9





#45

2-Fluorobiphenyl

Concen: 88.229 ng

RT: 9.257 min Scan# 1317

Delta R.T. 0.006 min

Lab File: BF138359.D

Acq: 26 Jun 2024 19:00

Instrument :

BNA_F

ClientSampleId :

SHOR-RAG-DRUM

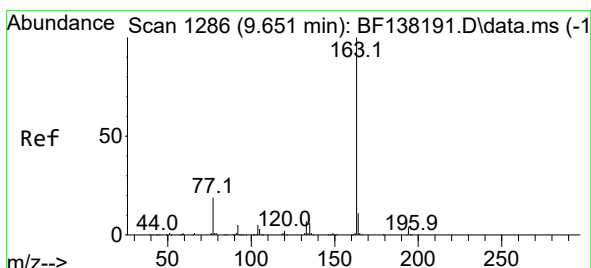
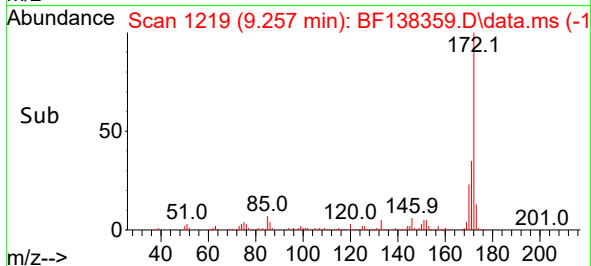
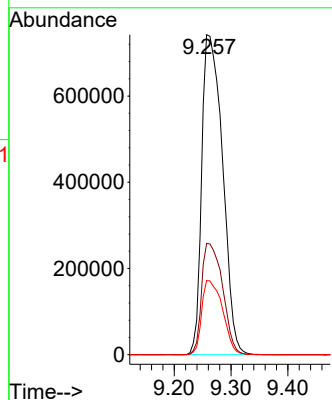
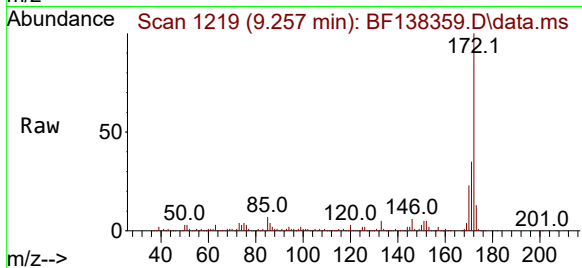
Tgt Ion:172 Resp: 1883893

Ion Ratio Lower Upper

172 100

171 34.8 30.3 45.5

170 23.1 20.6 30.8



#50

Dimethylphthalate

Concen: 14.800 ng

RT: 9.833 min Scan# 1317

Delta R.T. 0.182 min

Lab File: BF138359.D

Acq: 26 Jun 2024 19:00

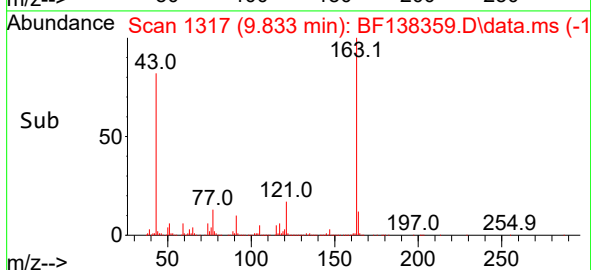
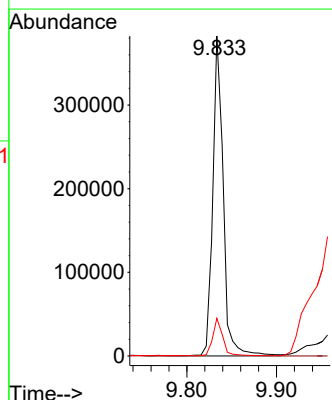
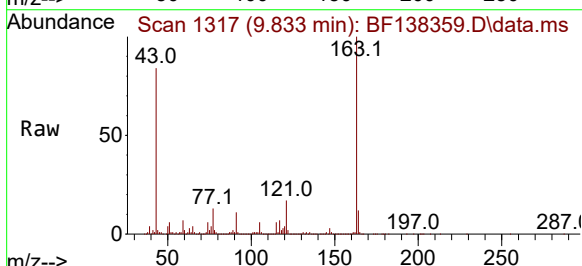
Tgt Ion:163 Resp: 307882

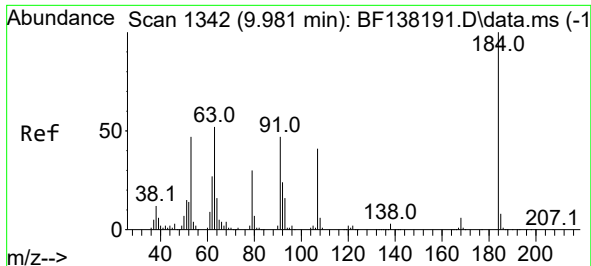
Ion Ratio Lower Upper

163 100

194 0.0 3.5 5.3#

164 11.8 8.5 12.7

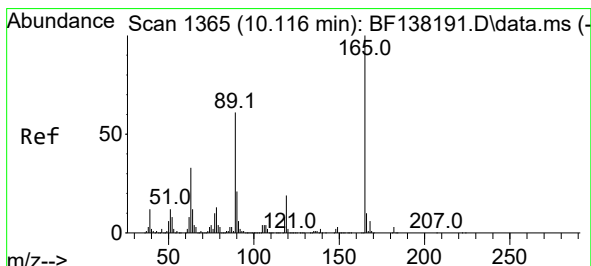
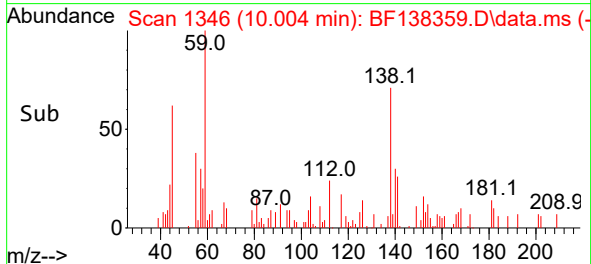
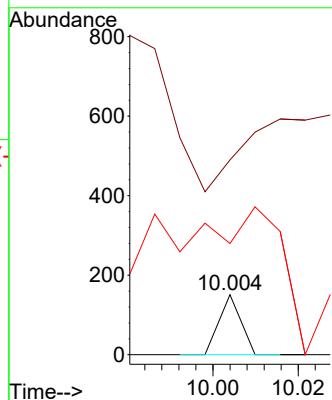
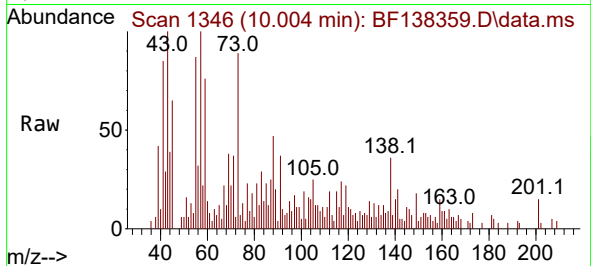




#54
2,4-Dinitrophenol
Concen: 4.236 ng
RT: 10.004 min Scan# 11
Delta R.T. 0.023 min
Lab File: BF138359.D
Acq: 26 Jun 2024 19:00

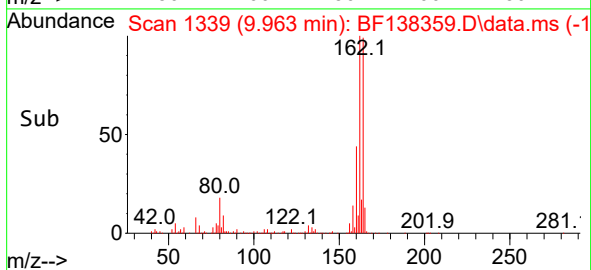
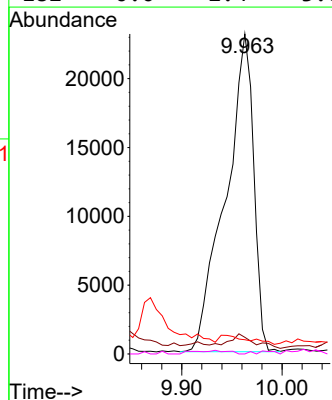
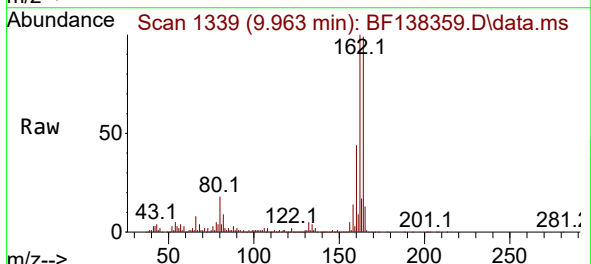
Instrument :
BNA_F
ClientSampleId :
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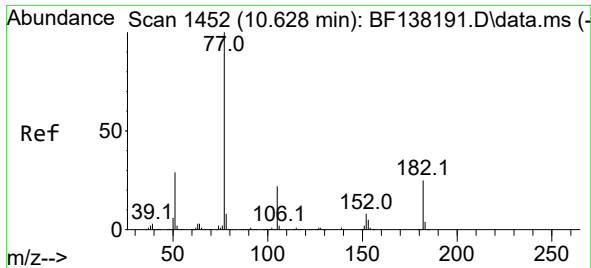
Tgt Ion:184 Resp: 53
Ion Ratio Lower Upper
184 100
63 324.5 49.2 73.8#
154 185.4 46.7 70.1#



#57
2,4-Dinitrotoluene
Concen: 8.040 ng
RT: 9.963 min Scan# 1339
Delta R.T. -0.153 min
Lab File: BF138359.D
Acq: 26 Jun 2024 19:00

Tgt Ion:165 Resp: 44755
Ion Ratio Lower Upper
165 100
63 5.2 26.6 39.8#
89 4.4 48.7 73.1#
182 0.0 2.4 3.6#

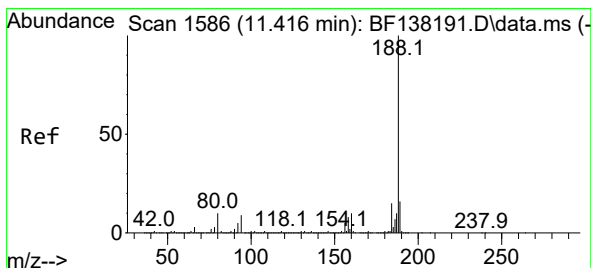
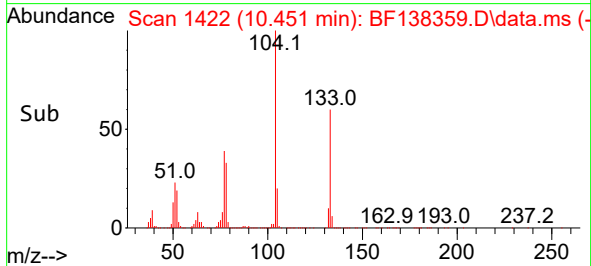
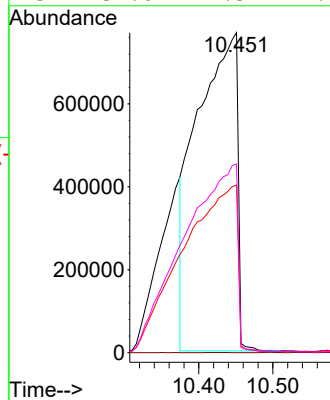
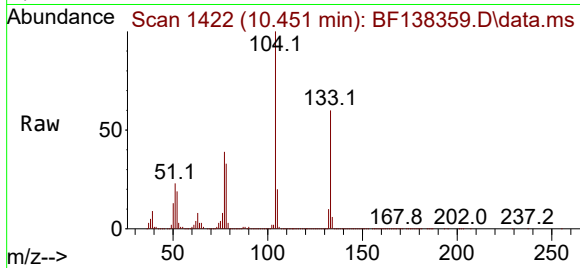




#63
Azobenzene
Concen: 147.639 ng
RT: 10.451 min Scan# 1452
Delta R.T. -0.177 min
Lab File: BF138359.D
Acq: 26 Jun 2024 19:00

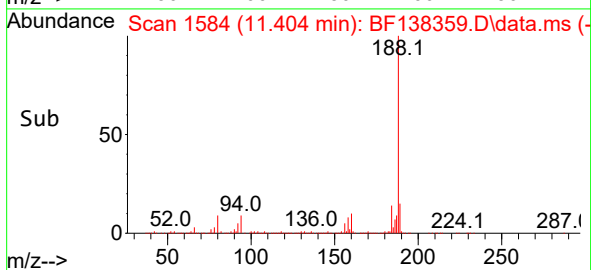
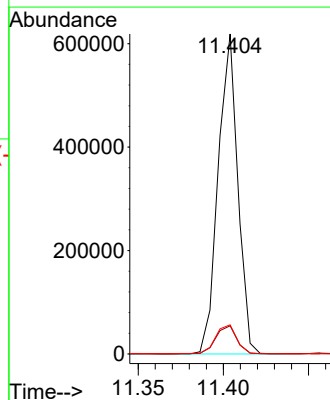
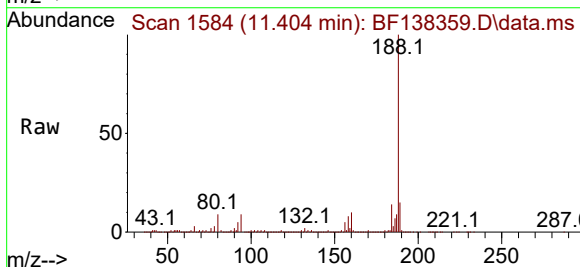
Instrument :
BNA_F
ClientSampleId :
SHOR-RAG-DRUM

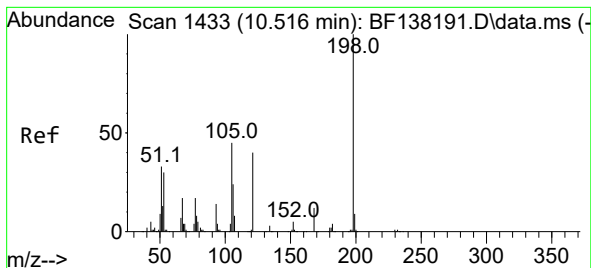
Tgt Ion: 77 Resp: 2920422
Ion Ratio Lower Upper
77 100
182 0.0 5.5 45.5#
105 52.3 1.8 41.8#
51 59.0 9.3 49.3#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.404 min Scan# 1584
Delta R.T. -0.012 min
Lab File: BF138359.D
Acq: 26 Jun 2024 19:00

Tgt Ion: 188 Resp: 495906
Ion Ratio Lower Upper
188 100
94 8.8 7.6 11.4
80 9.1 8.1 12.1

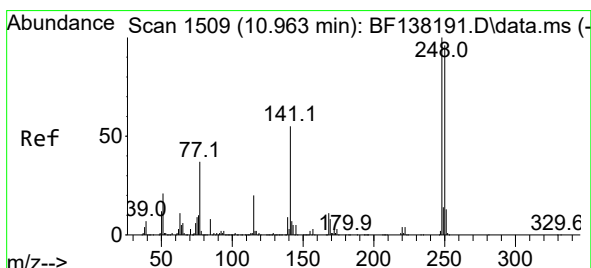
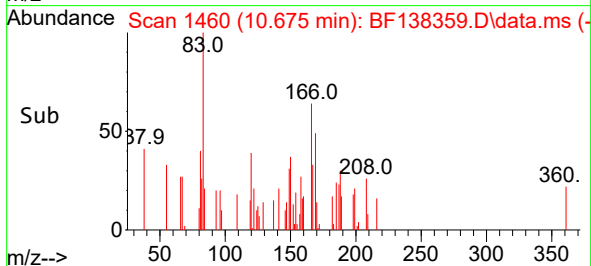
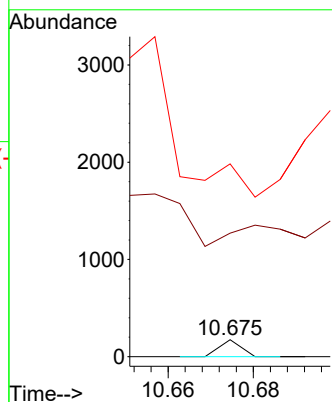
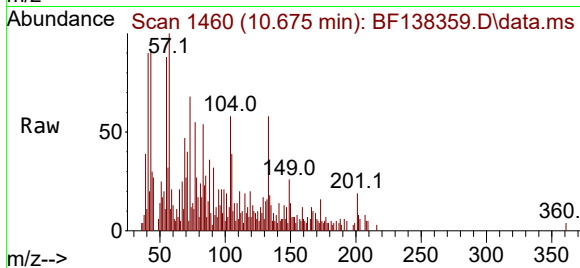




#65
4,6-Dinitro-2-methylphenol
Concen: 6.955 ng
RT: 10.675 min Scan# 1433
Delta R.T. 0.159 min
Lab File: BF138359.D
Acq: 26 Jun 2024 19:00

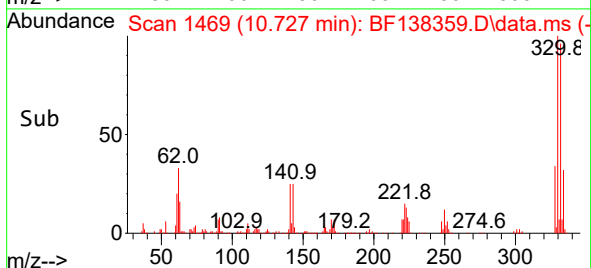
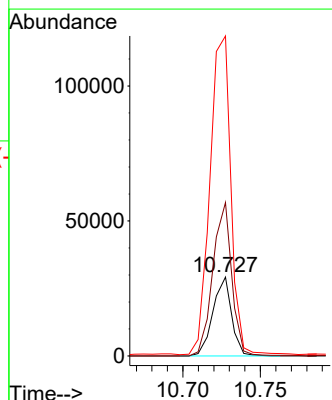
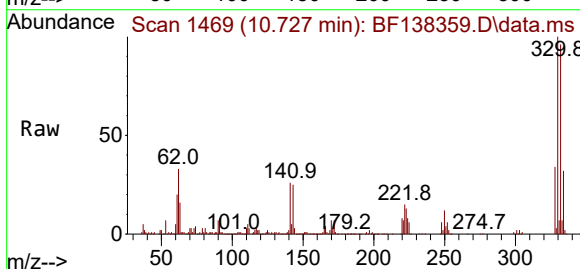
Instrument :
BNA_F
ClientSampleId :
SHOR-RAG-DRUM

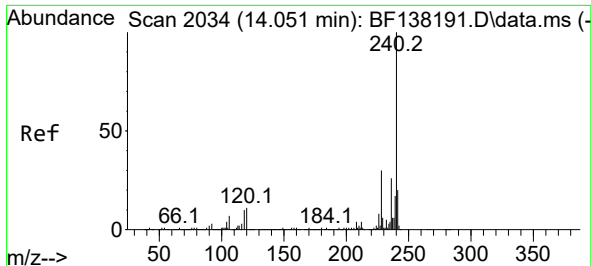
Tgt Ion:198 Resp: 62
Ion Ratio Lower Upper
198 100
51 725.7 26.9 66.9#
105 1132.6 26.0 66.0#



#67
4-Bromophenyl-phenylether
Concen: 4.393 ng
RT: 10.727 min Scan# 1469
Delta R.T. -0.235 min
Lab File: BF138359.D
Acq: 26 Jun 2024 19:00

Tgt Ion:248 Resp: 24550
Ion Ratio Lower Upper
248 100
250 194.5 77.2 115.8#
141 405.6 44.1 66.1#

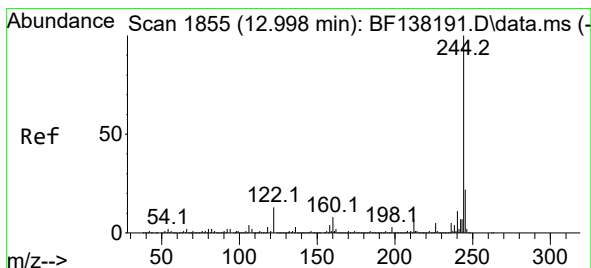
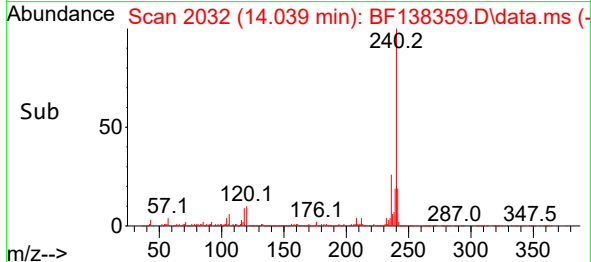
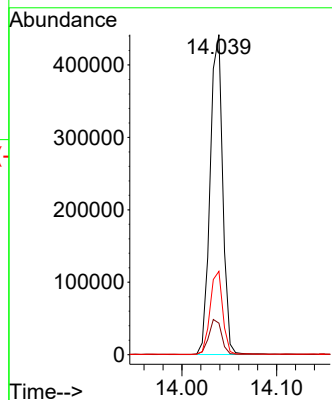
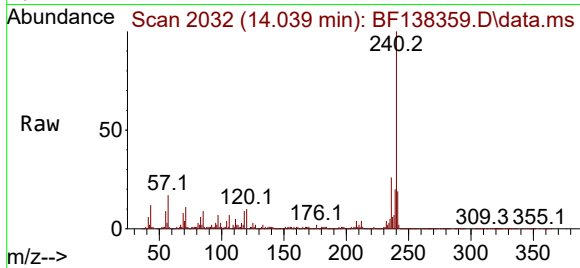




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.039 min Scan# 2032
Delta R.T. -0.012 min
Lab File: BF138359.D
Acq: 26 Jun 2024 19:00

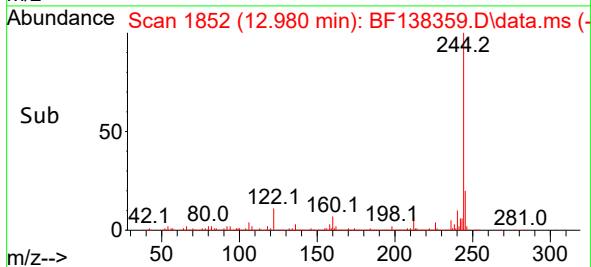
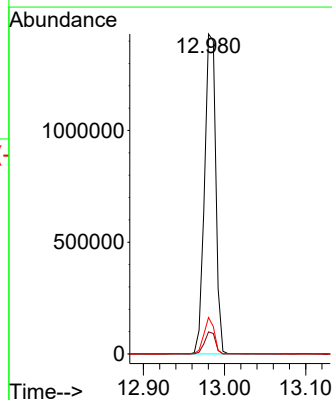
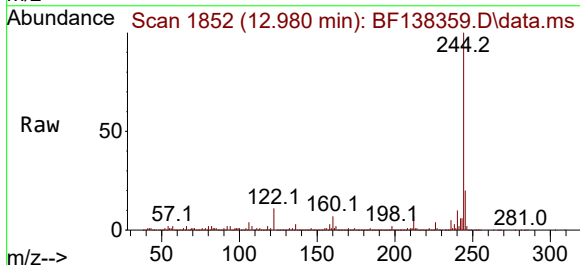
Instrument :
BNA_F
ClientSampleId :
SHOR-RAG-DRUM

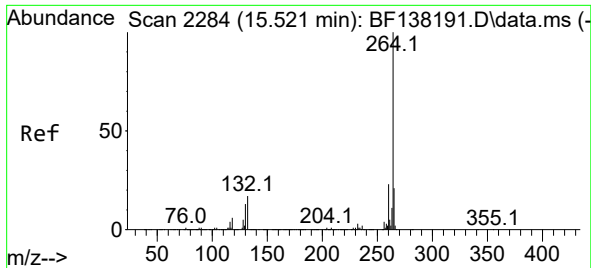
Tgt Ion:240 Resp: 406436
Ion Ratio Lower Upper
240 100
120 9.9 9.2 13.8
236 26.1 21.0 31.6



#79
Terphenyl-d14
Concen: 53.494 ng
RT: 12.980 min Scan# 1852
Delta R.T. -0.018 min
Lab File: BF138359.D
Acq: 26 Jun 2024 19:00

Tgt Ion:244 Resp: 1372731
Ion Ratio Lower Upper
244 100
212 6.9 5.9 8.9
122 11.4 10.6 15.8





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.510 min Scan# 21
 Delta R.T. -0.012 min
 Lab File: BF138359.D
 Acq: 26 Jun 2024 19:00

Instrument :
 BNA_F
 ClientSampleId :
 SHOR-RAG-DRUM

Tgt Ion:264 Resp: 448317

Ion	Ratio	Lower	Upper
264	100		
260	24.7	18.7	28.1
265	21.3	17.0	25.6

