

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM090424\
 Data File : BM047438.D
 Acq On : 04 Sep 2024 14:44
 Operator : RC/JU
 Sample : P3820-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 STONE-1

Quant Time: Sep 04 15:26:26 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM082624.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 26 18:11:40 2024
 Response via : Initial Calibration

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

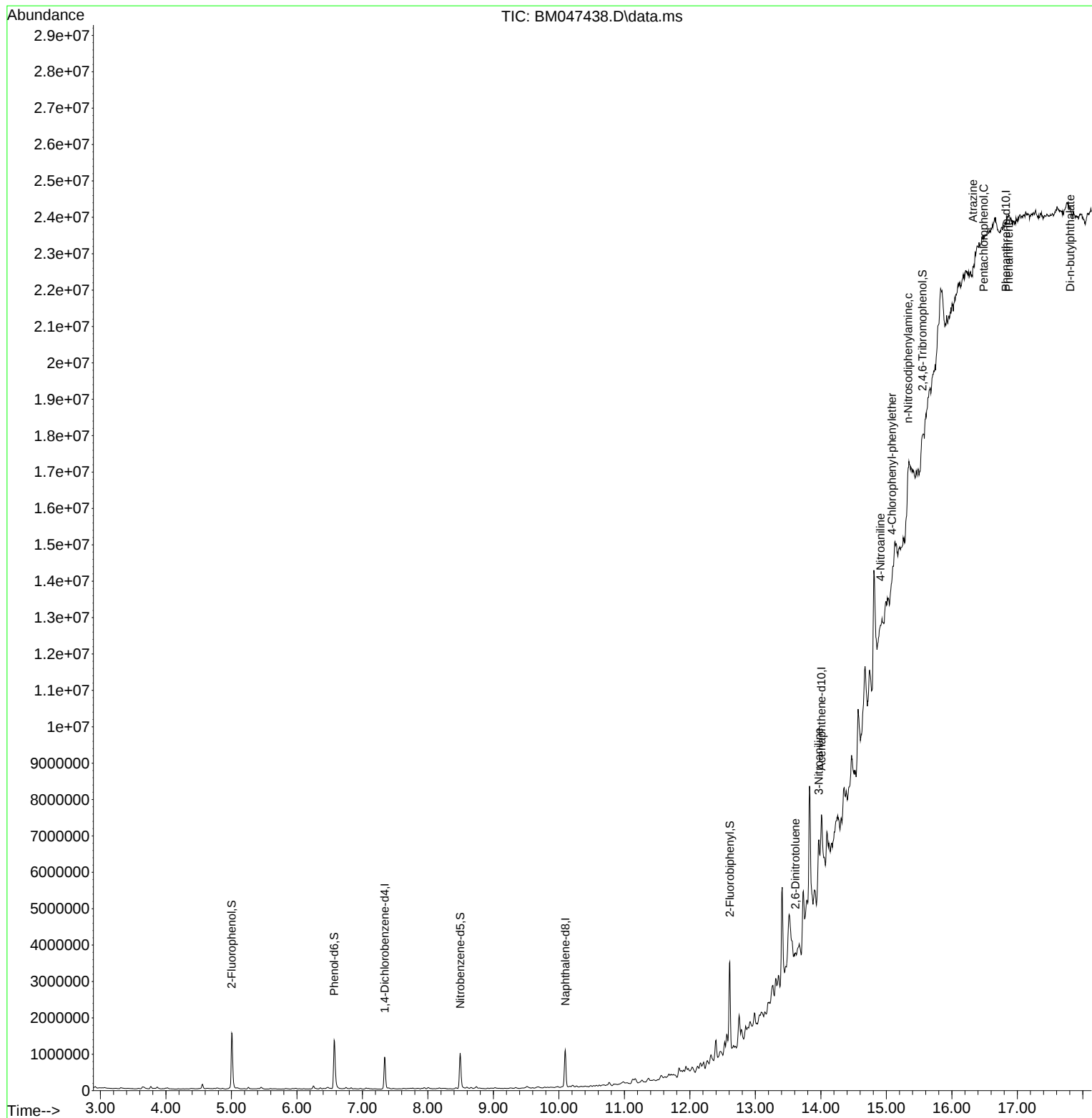
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.340	152	257880	20.000	ng	-0.01
21) Naphthalene-d8	10.098	136	879136	20.000	ng	0.00
39) Acenaphthene-d10	14.010	164	483736	20.000	ng	0.00
64) Phenanthrene-d10	16.827	188	583536	20.000	ng	# 0.05
76) Chrysene-d12	21.062	240	840055	20.000	ng	# 0.04
86) Perylene-d12	23.756	264	943407	20.000	ng	0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.004	112	781112	58.113	ng	0.00
7) Phenol-d6	6.569	99	959256	52.388	ng	0.00
23) Nitrobenzene-d5	8.492	82	628132	39.644	ng	0.00
42) 2,4,6-Tribromophenol	15.551	330	322996	55.344	ng	0.02
45) 2-Fluorobiphenyl	12.610	172	1455278	46.224	ng	0.00
79) Terphenyl-d14	19.498	244	1268947	26.887	ng	0.05
Target Compounds						
						Qvalue
9) Benzaldehyde	6.522	77	2765	Below Cal	#	86
51) 2,6-Dinitrotoluene	13.610	165	49083	6.325	ng	# 37
53) 3-Nitroaniline	13.969	138	25666	3.584	ng	# 21
61) 4-Chlorophenyl-phenyle...	15.086	204	51415	3.175	ng	# 1
62) 4-Nitroaniline	14.910	138	122140	18.438	ng	# 85
66) n-Nitrosodiphenylamine	15.333	169	145480	9.111	ng	# 68
69) Atrazine	16.321	200	24317	4.659	ng	# 1
70) Pentachlorophenol	16.486	266	24143	5.252	ng	# 26
71) Phenanthrene	16.868	178	232981	8.221	ng	# 1
74) Di-n-butylphthalate	17.809	149	336077	10.411	ng	# 26
84) Bis(2-ethylhexyl)phtha...	20.974	149	107515	3.017	ng	# 64

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

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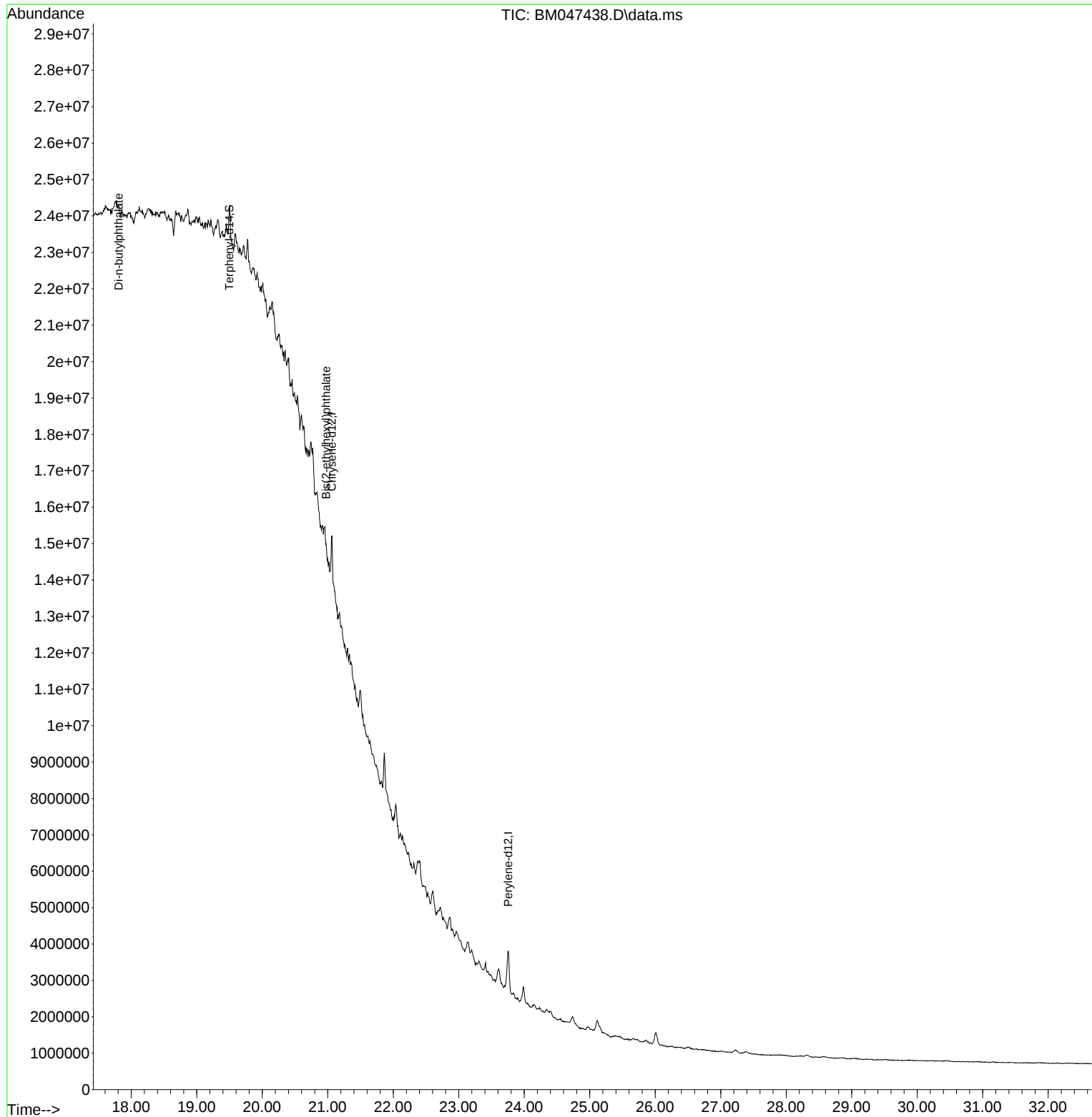
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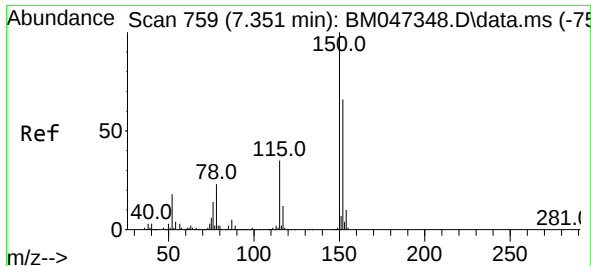


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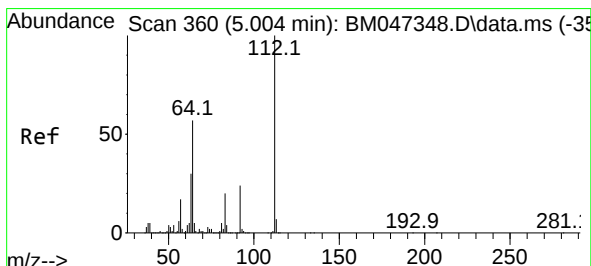
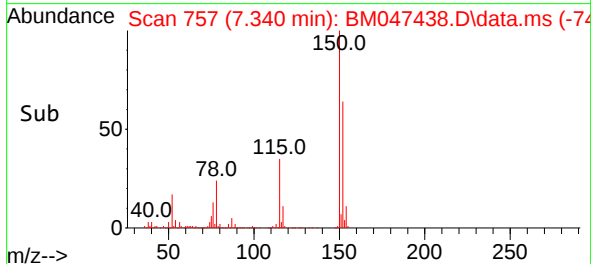
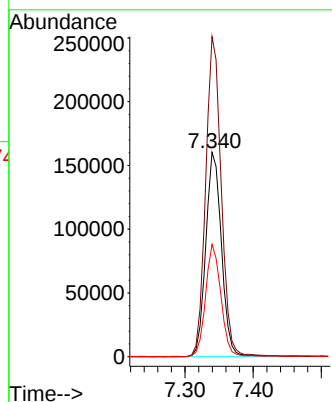
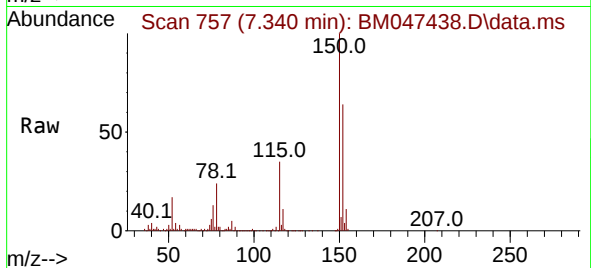


#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.340 min Scan# 759
 Delta R.T. -0.011 min
 Lab File: BM047438.D
 Acq: 04 Sep 2024 14:44

Instrument :
 BNA_M
 ClientSampleId :
 STONE-1

Tgt Ion:152 Resp: 257880

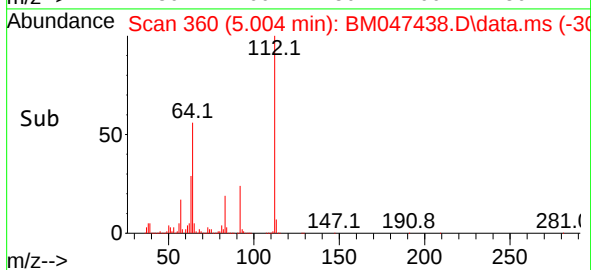
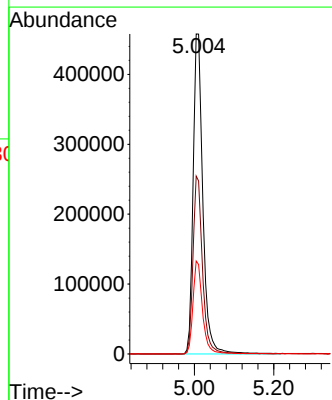
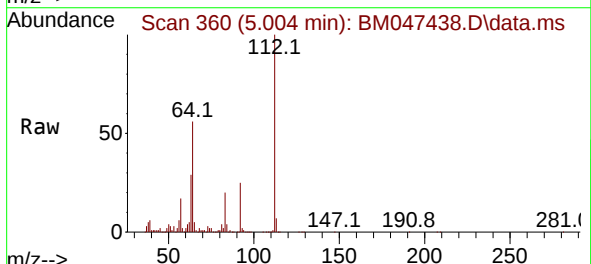
Ion	Ratio	Lower	Upper
152	100		
150	156.6	121.3	181.9
115	55.0	42.6	64.0

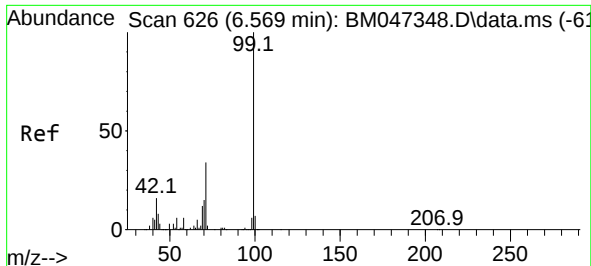


#5
 2-Fluorophenol
 Concen: 58.113 ng
 RT: 5.004 min Scan# 360
 Delta R.T. 0.000 min
 Lab File: BM047438.D
 Acq: 04 Sep 2024 14:44

Tgt Ion:112 Resp: 781112

Ion	Ratio	Lower	Upper
112	100		
64	55.6	45.7	68.5
63	29.1	23.8	35.8

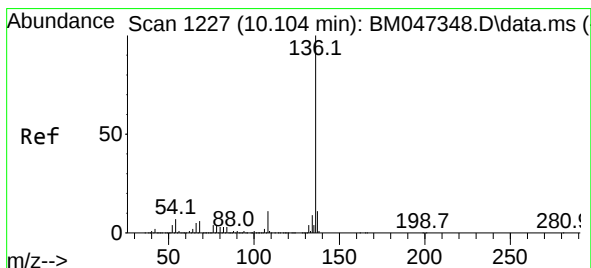
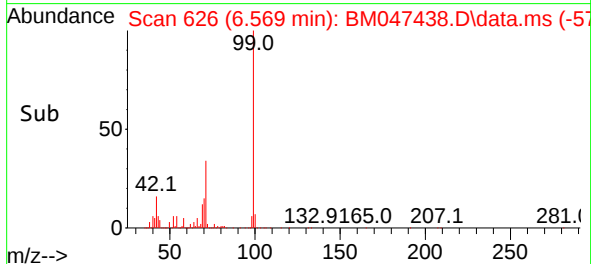
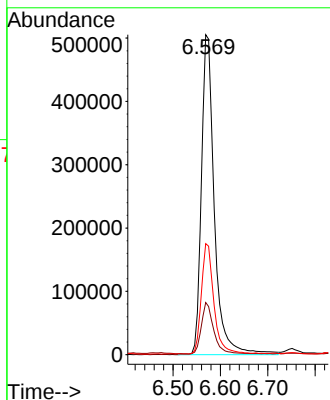
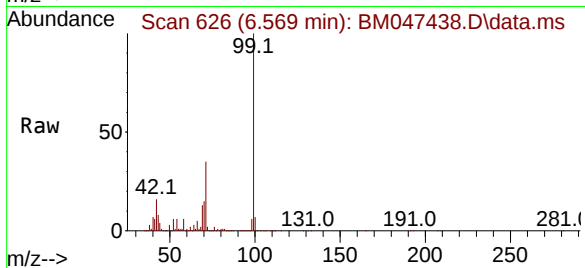




#7
Phenol-d6
Concen: 52.388 ng
RT: 6.569 min Scan# 61
Delta R.T. 0.000 min
Lab File: BM047438.D
Acq: 04 Sep 2024 14:44

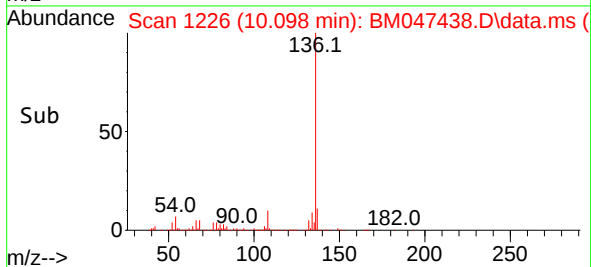
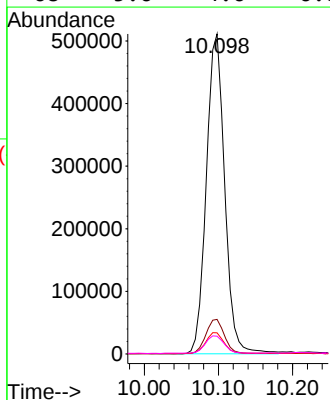
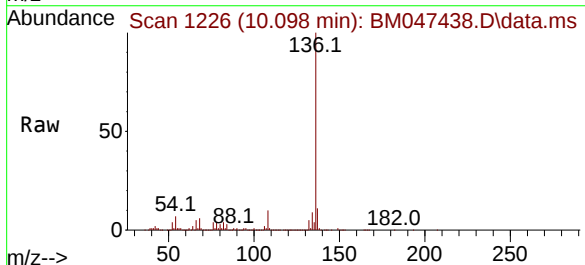
Instrument :
BNA_M
ClientSampleId :
STONE-1

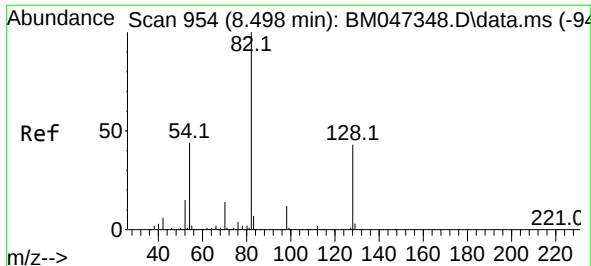
Tgt Ion: 99 Resp: 959256
Ion Ratio Lower Upper
99 100
42 16.3 13.0 19.4
71 34.7 27.5 41.3



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.098 min Scan# 1226
Delta R.T. -0.006 min
Lab File: BM047438.D
Acq: 04 Sep 2024 14:44

Tgt Ion: 136 Resp: 879136
Ion Ratio Lower Upper
136 100
137 10.8 8.8 13.2
54 6.6 5.2 7.8
68 5.6 4.6 6.8

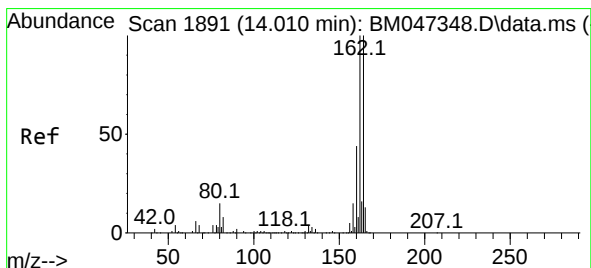
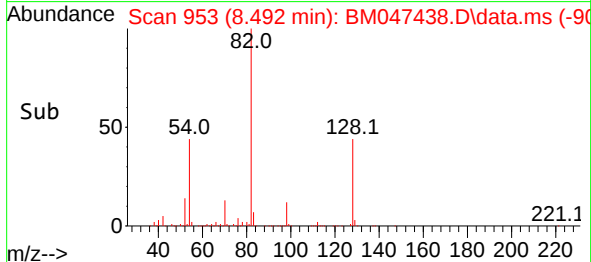
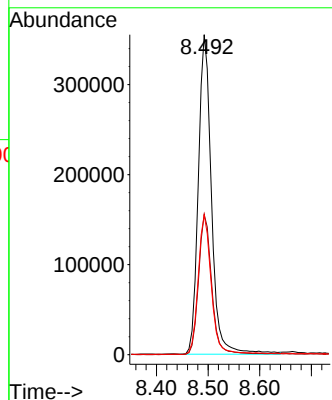
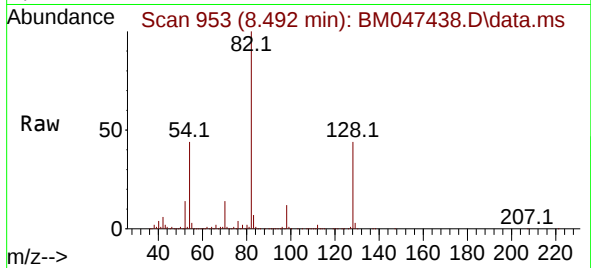




#23
Nitrobenzene-d5
Concen: 39.644 ng
RT: 8.492 min Scan# 91
Delta R.T. -0.006 min
Lab File: BM047438.D
Acq: 04 Sep 2024 14:44

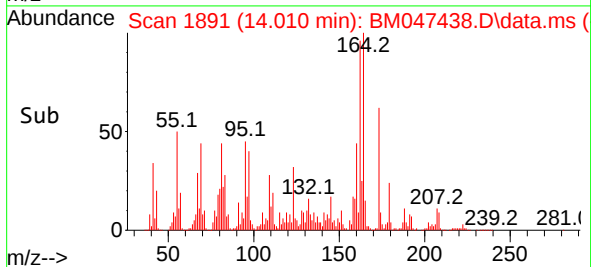
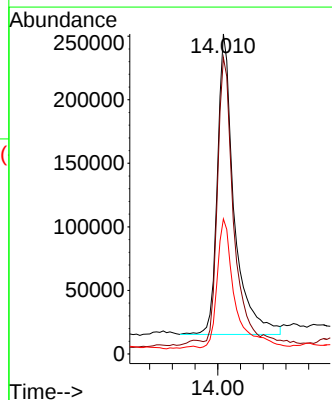
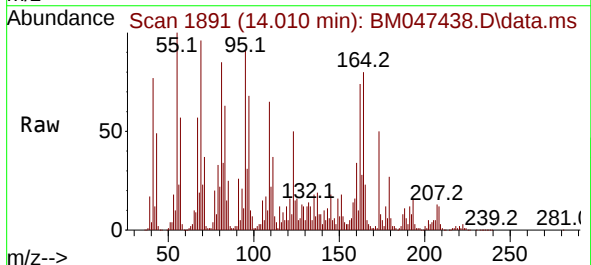
Instrument :
BNA_M
ClientSampleId :
STONE-1

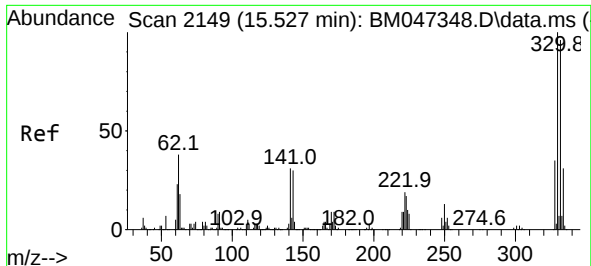
Tgt Ion: 82 Resp: 628132
Ion Ratio Lower Upper
82 100
128 43.9 34.6 51.8
54 43.7 35.5 53.3



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.010 min Scan# 1891
Delta R.T. -0.000 min
Lab File: BM047438.D
Acq: 04 Sep 2024 14:44

Tgt Ion:164 Resp: 483736
Ion Ratio Lower Upper
164 100
162 92.6 79.7 119.5
160 42.2 34.9 52.3

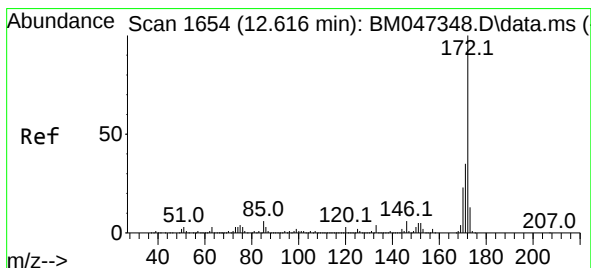
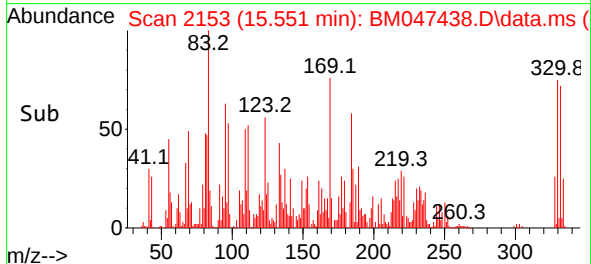
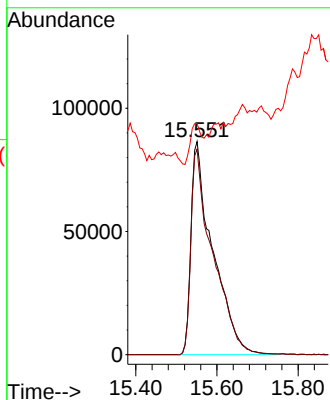
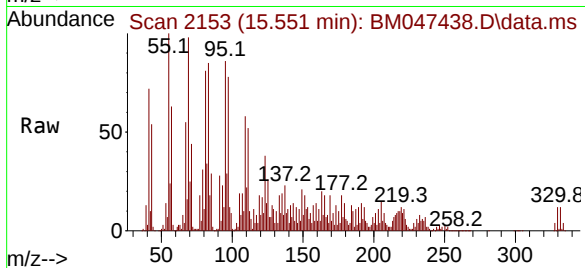




#42
2,4,6-Tribromophenol
Concen: 55.344 ng
RT: 15.551 min Scan# 2149
Delta R.T. 0.024 min
Lab File: BM047438.D
Acq: 04 Sep 2024 14:44

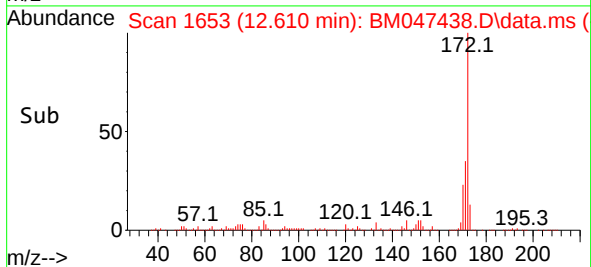
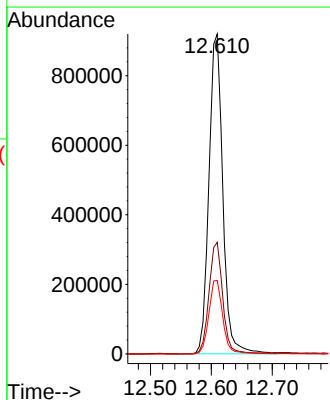
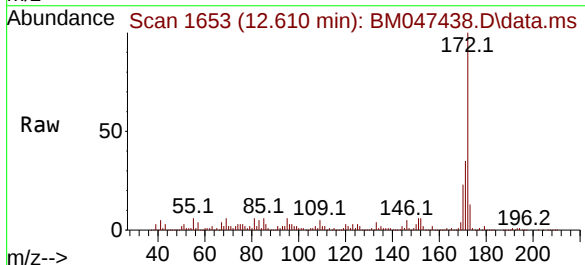
Instrument :
BNA_M
ClientSampleId :
STONE-1

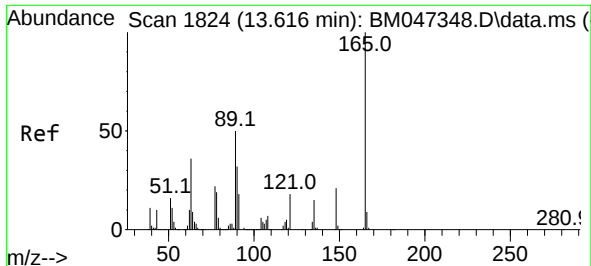
Tgt Ion:330 Resp: 322996
Ion Ratio Lower Upper
330 100
332 96.5 77.2 115.8
141 10.3 27.6 41.4#



#45
2-Fluorobiphenyl
Concen: 46.224 ng
RT: 12.610 min Scan# 1653
Delta R.T. -0.006 min
Lab File: BM047438.D
Acq: 04 Sep 2024 14:44

Tgt Ion:172 Resp: 1455278
Ion Ratio Lower Upper
172 100
171 34.9 27.8 41.6
170 23.0 18.5 27.7

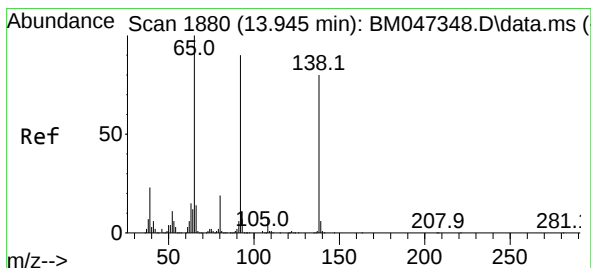
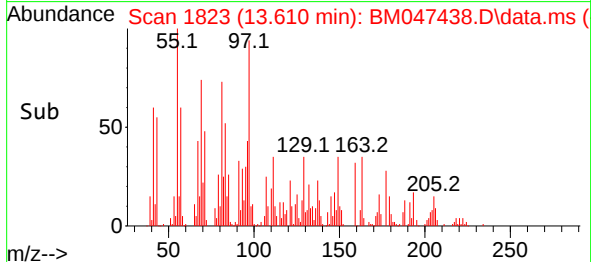
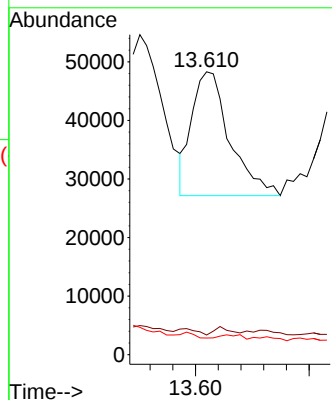
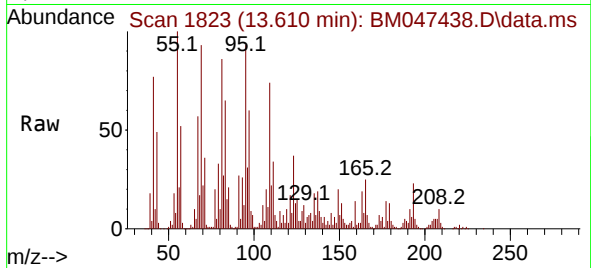




#51
2,6-Dinitrotoluene
Concen: 6.325 ng
RT: 13.610 min Scan# 1823
Delta R.T. -0.006 min
Lab File: BM047438.D
Acq: 04 Sep 2024 14:44

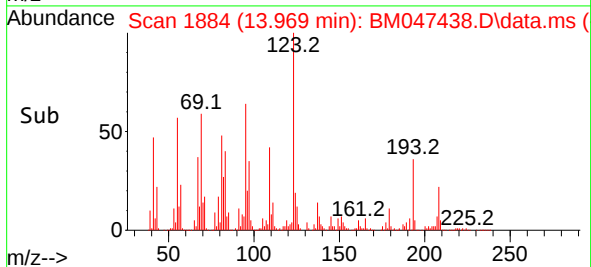
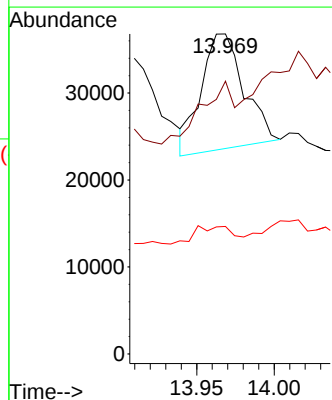
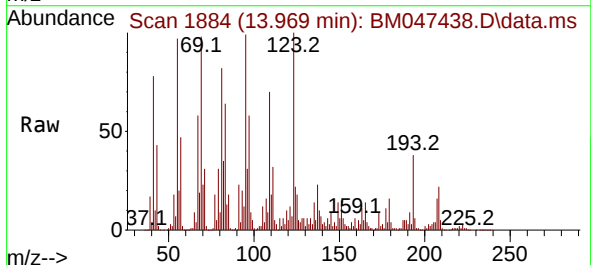
Instrument :
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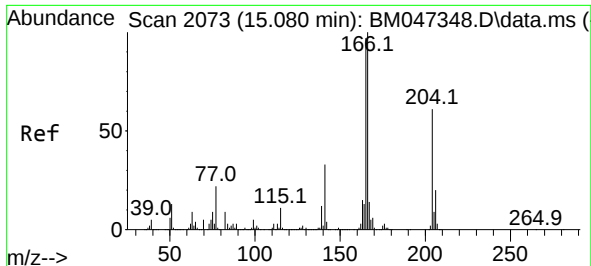
Tgt Ion:165 Resp: 49083
Ion Ratio Lower Upper
165 100
63 6.9 38.2 57.4#
89 5.9 40.4 60.6#



#53
3-Nitroaniline
Concen: 3.584 ng
RT: 13.969 min Scan# 1884
Delta R.T. 0.024 min
Lab File: BM047438.D
Acq: 04 Sep 2024 14:44

Tgt Ion:138 Resp: 25666
Ion Ratio Lower Upper
138 100
108 85.3 8.0 12.0#
92 39.8 90.1 135.1#





#61

4-Chlorophenyl-phenylether

Concen: 3.175 ng

RT: 15.086 min Scan# 2073

Delta R.T. 0.006 min

Lab File: BM047438.D

Acq: 04 Sep 2024 14:44

Instrument :

BNA_M

ClientSampleId :

STONE-1

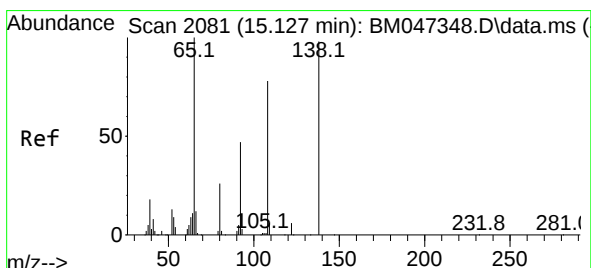
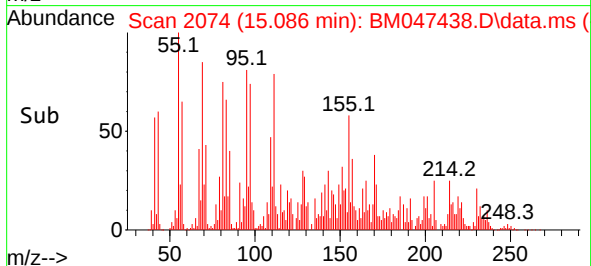
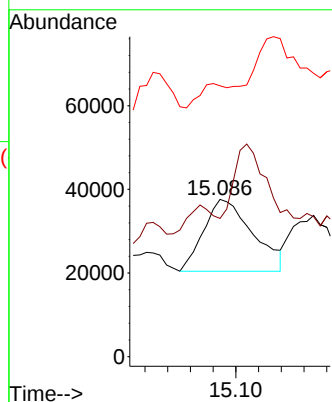
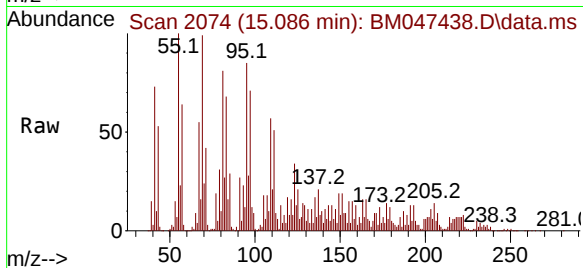
Tgt Ion:204 Resp: 51415

Ion Ratio Lower Upper

204 100

206 88.0 26.5 39.7#

141 172.2 42.8 64.2#



#62

4-Nitroaniline

Concen: 18.438 ng

RT: 14.910 min Scan# 2044

Delta R.T. -0.218 min

Lab File: BM047438.D

Acq: 04 Sep 2024 14:44

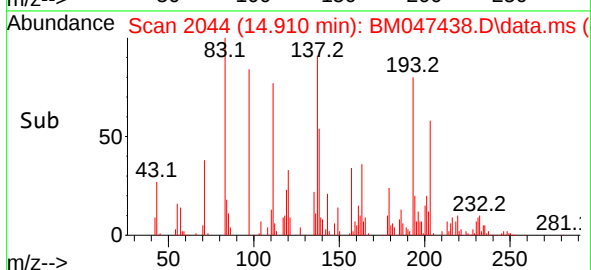
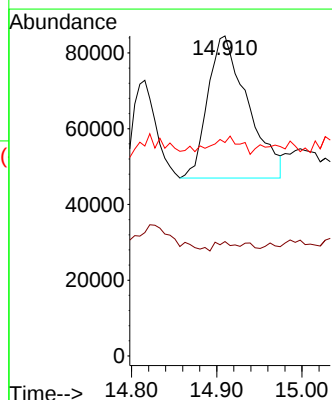
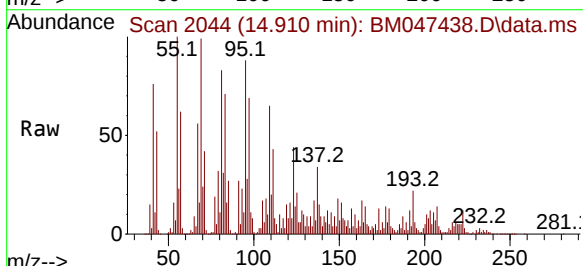
Tgt Ion:138 Resp: 122140

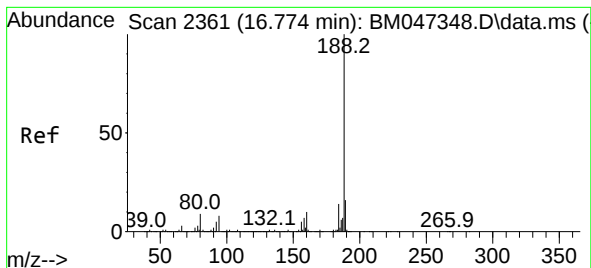
Ion Ratio Lower Upper

138 100

92 35.8 27.9 67.9

108 66.7 58.7 98.7





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 16.827 min Scan# 2116

Delta R.T. 0.053 min

Lab File: BM047438.D

Acq: 04 Sep 2024 14:44

Instrument :

BNA_M

ClientSampleId :

STONE-1

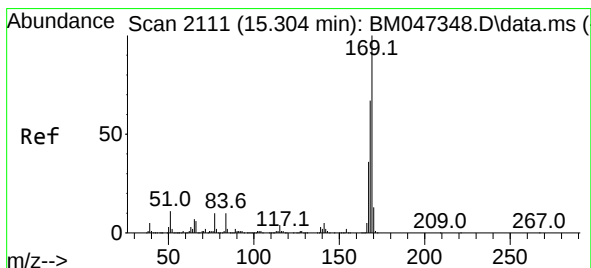
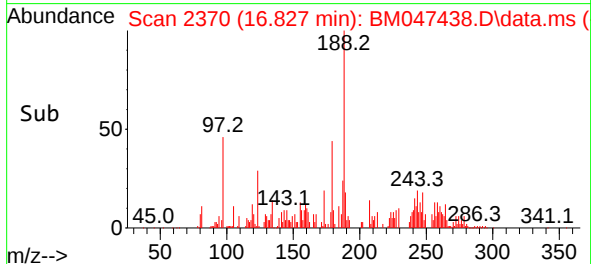
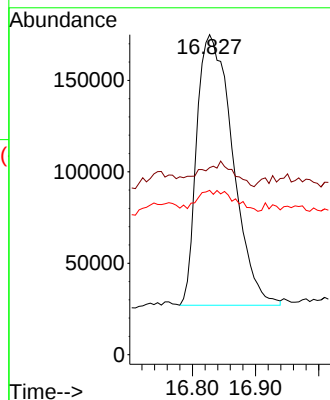
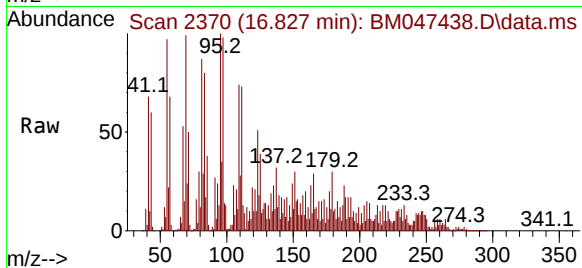
Tgt Ion:188 Resp: 583536

Ion Ratio Lower Upper

188 100

94 58.5 6.4 9.6#

80 51.4 7.4 11.2#



#66

n-Nitrosodiphenylamine

Concen: 9.111 ng

RT: 15.333 min Scan# 2116

Delta R.T. 0.029 min

Lab File: BM047438.D

Acq: 04 Sep 2024 14:44

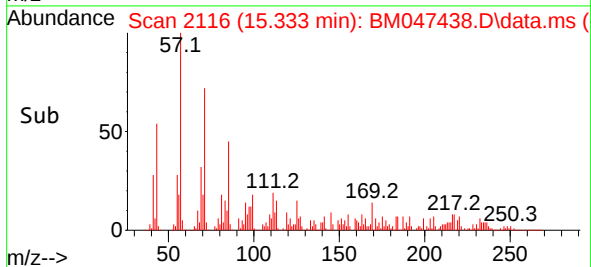
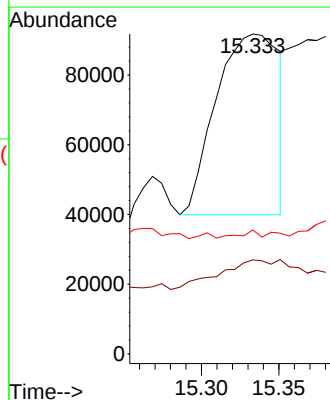
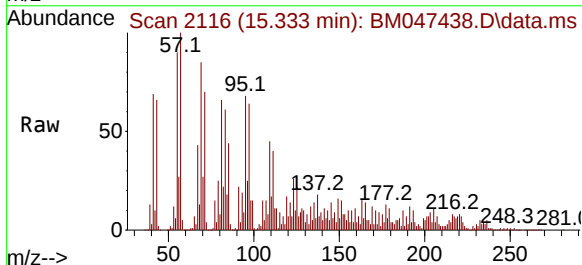
Tgt Ion:169 Resp: 145480

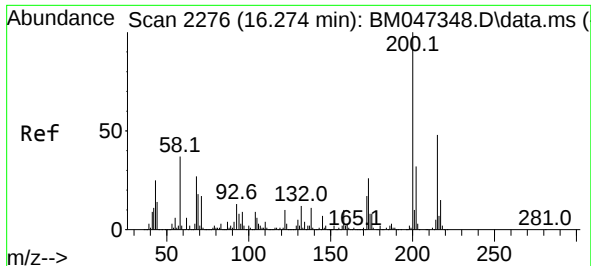
Ion Ratio Lower Upper

169 100

168 29.4 53.4 80.0#

167 38.7 29.0 43.4

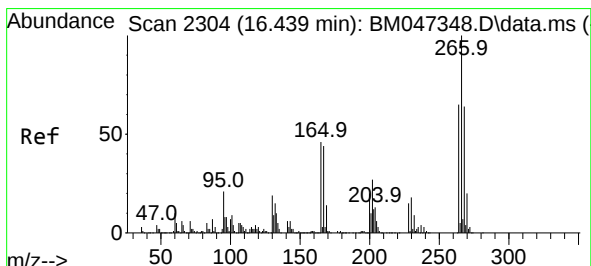
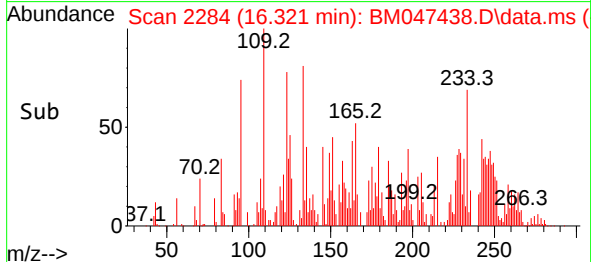
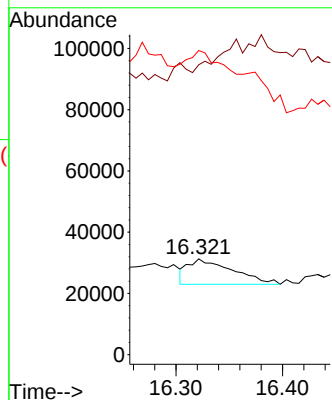
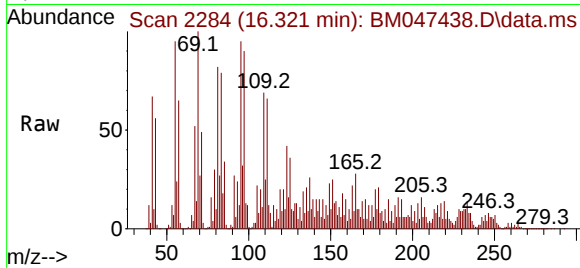




#69
Atrazine
Concen: 4.659 ng
RT: 16.321 min Scan# 21
Delta R.T. 0.047 min
Lab File: BM047438.D
Acq: 04 Sep 2024 14:44

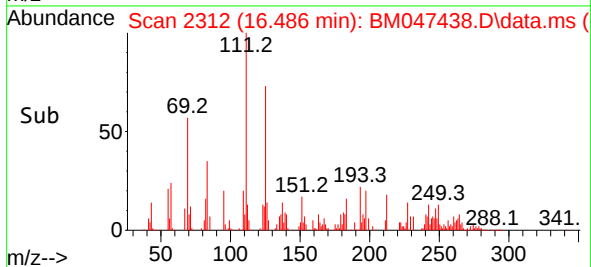
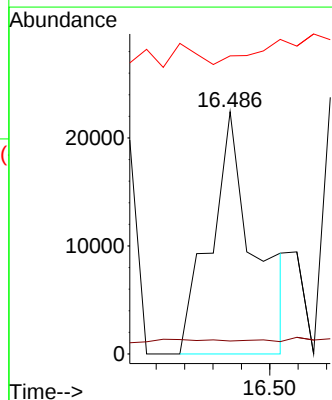
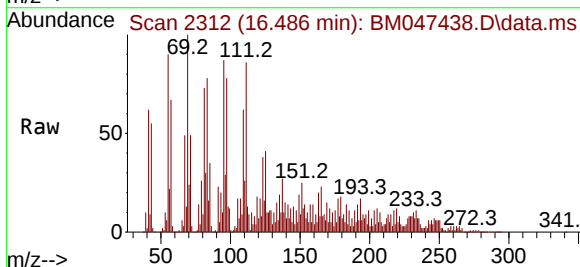
Instrument :
BNA_M
ClientSampleId :
STONE-1

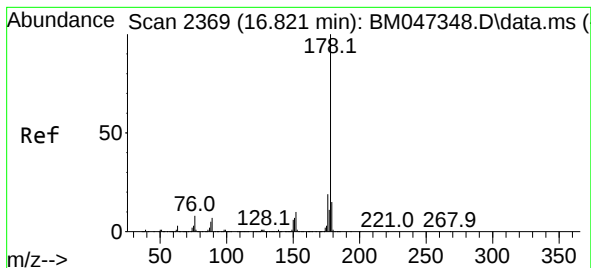
Tgt Ion:200 Resp: 24317
Ion Ratio Lower Upper
200 100
173 302.6 5.8 45.8#
215 317.5 28.3 68.3#



#70
Pentachlorophenol
Concen: 5.252 ng
RT: 16.486 min Scan# 2312
Delta R.T. 0.047 min
Lab File: BM047438.D
Acq: 04 Sep 2024 14:44

Tgt Ion:266 Resp: 24143
Ion Ratio Lower Upper
266 100
268 5.4 51.0 76.6#
264 123.0 51.9 77.9#





#71

Phenanthrene

Concen: 8.221 ng

RT: 16.868 min Scan# 21

Delta R.T. 0.047 min

Lab File: BM047438.D

Acq: 04 Sep 2024 14:44

Instrument :

BNA_M

ClientSampleId :

STONE-1

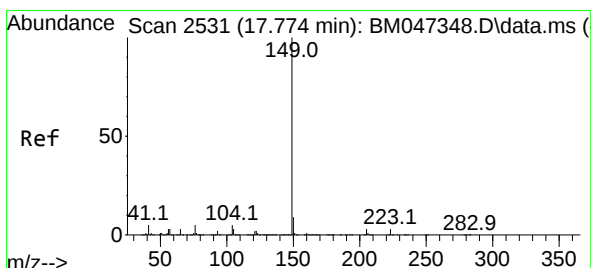
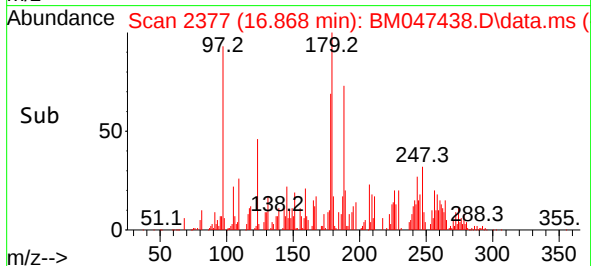
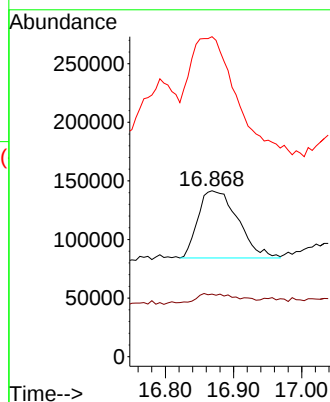
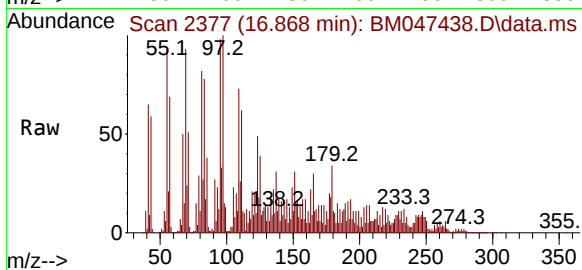
Tgt Ion:178 Resp: 232981

Ion Ratio Lower Upper

178 100

176 37.7 15.2 22.8#

179 192.8 12.2 18.4#



#74

Di-n-butylphthalate

Concen: 10.411 ng

RT: 17.809 min Scan# 2537

Delta R.T. 0.035 min

Lab File: BM047438.D

Acq: 04 Sep 2024 14:44

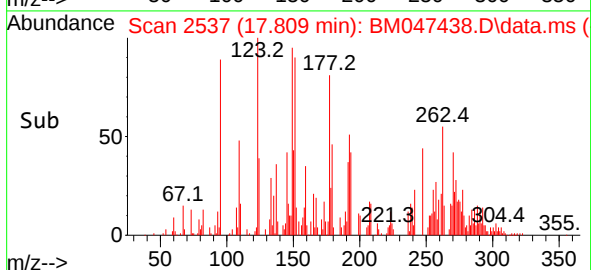
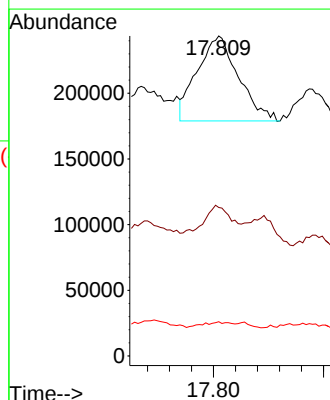
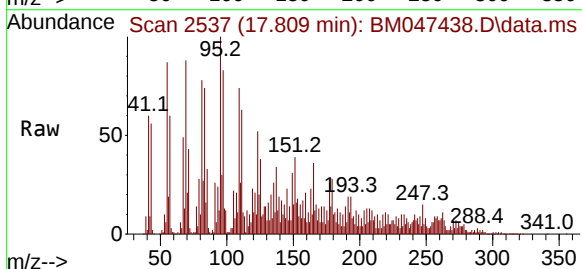
Tgt Ion:149 Resp: 336077

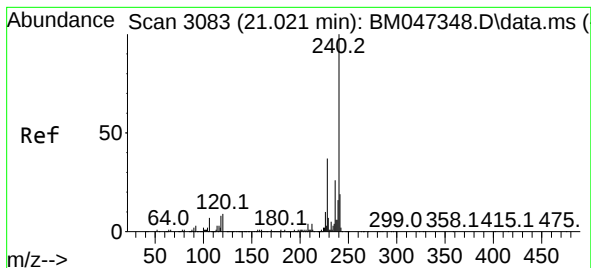
Ion Ratio Lower Upper

149 100

150 46.4 7.4 11.0#

104 10.7 3.8 5.6#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.062 min Scan# 3083

Delta R.T. 0.041 min

Lab File: BM047438.D

Acq: 04 Sep 2024 14:44

Instrument :

BNA_M

ClientSampleId :

STONE-1

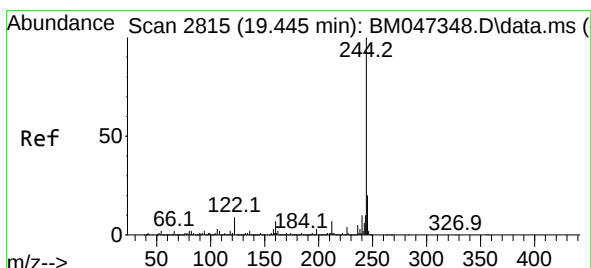
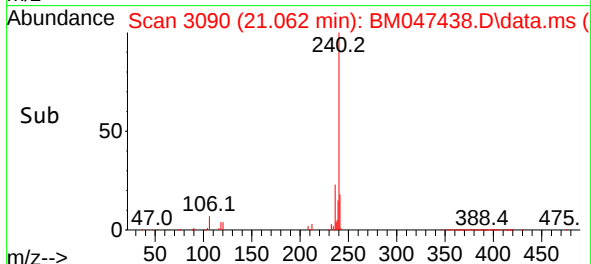
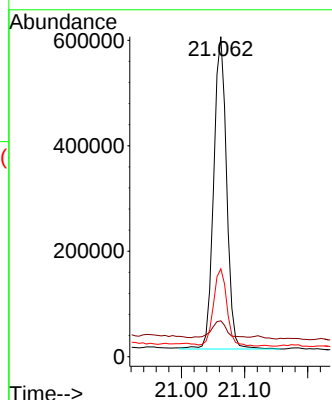
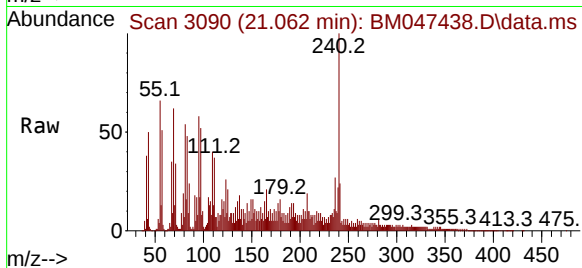
Tgt Ion:240 Resp: 840055

Ion Ratio Lower Upper

240 100

120 11.2 7.4 11.0#

236 27.4 20.8 31.2



#79

Terphenyl-d14

Concen: 26.887 ng

RT: 19.498 min Scan# 2824

Delta R.T. 0.053 min

Lab File: BM047438.D

Acq: 04 Sep 2024 14:44

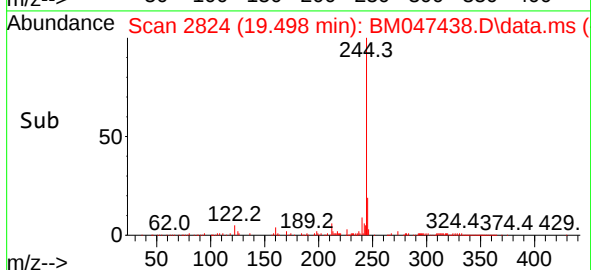
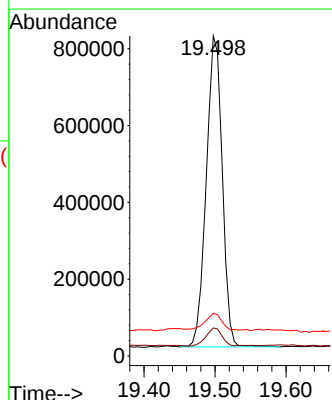
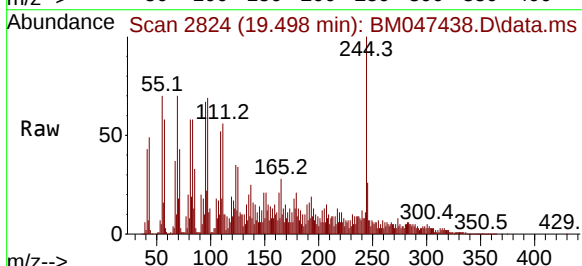
Tgt Ion:244 Resp: 1268947

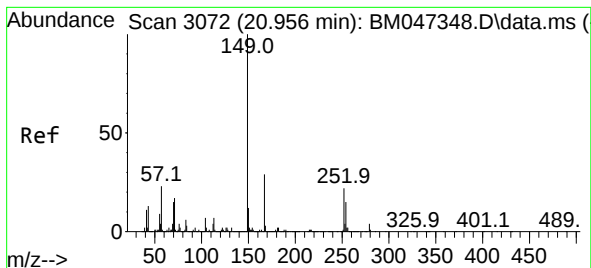
Ion Ratio Lower Upper

244 100

212 8.8 6.0 9.0

122 13.4 7.0 10.4#





#84

Bis(2-ethylhexyl)phthalate

Concen: 3.017 ng

RT: 20.974 min Scan# 3075

Delta R.T. 0.018 min

Lab File: BM047438.D

Acq: 04 Sep 2024 14:44

Instrument :

BNA_M

ClientSampleId :

STONE-1

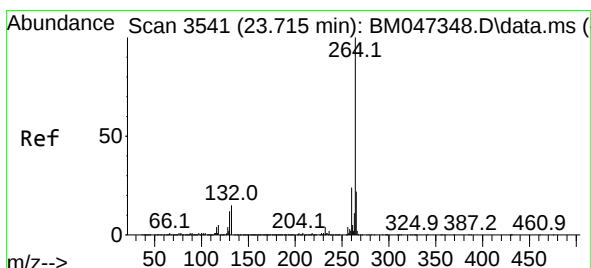
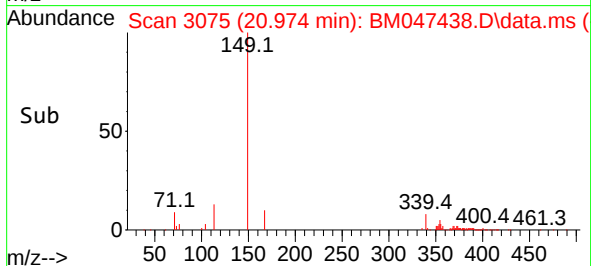
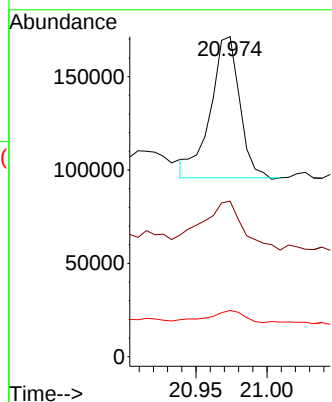
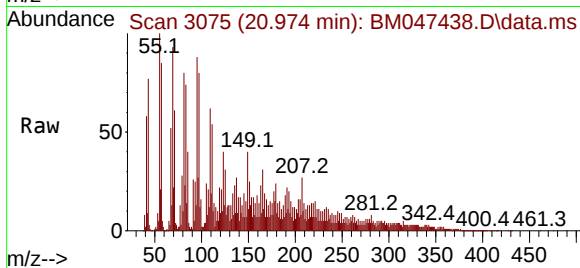
Tgt Ion:149 Resp: 107515

Ion Ratio Lower Upper

149 100

167 48.6 23.1 34.7#

279 14.4 3.3 4.9#



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.756 min Scan# 3548

Delta R.T. 0.041 min

Lab File: BM047438.D

Acq: 04 Sep 2024 14:44

Tgt Ion:264 Resp: 943407

Ion Ratio Lower Upper

264 100

260 23.9 19.0 28.4

265 23.0 17.8 26.6

