

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 :

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)

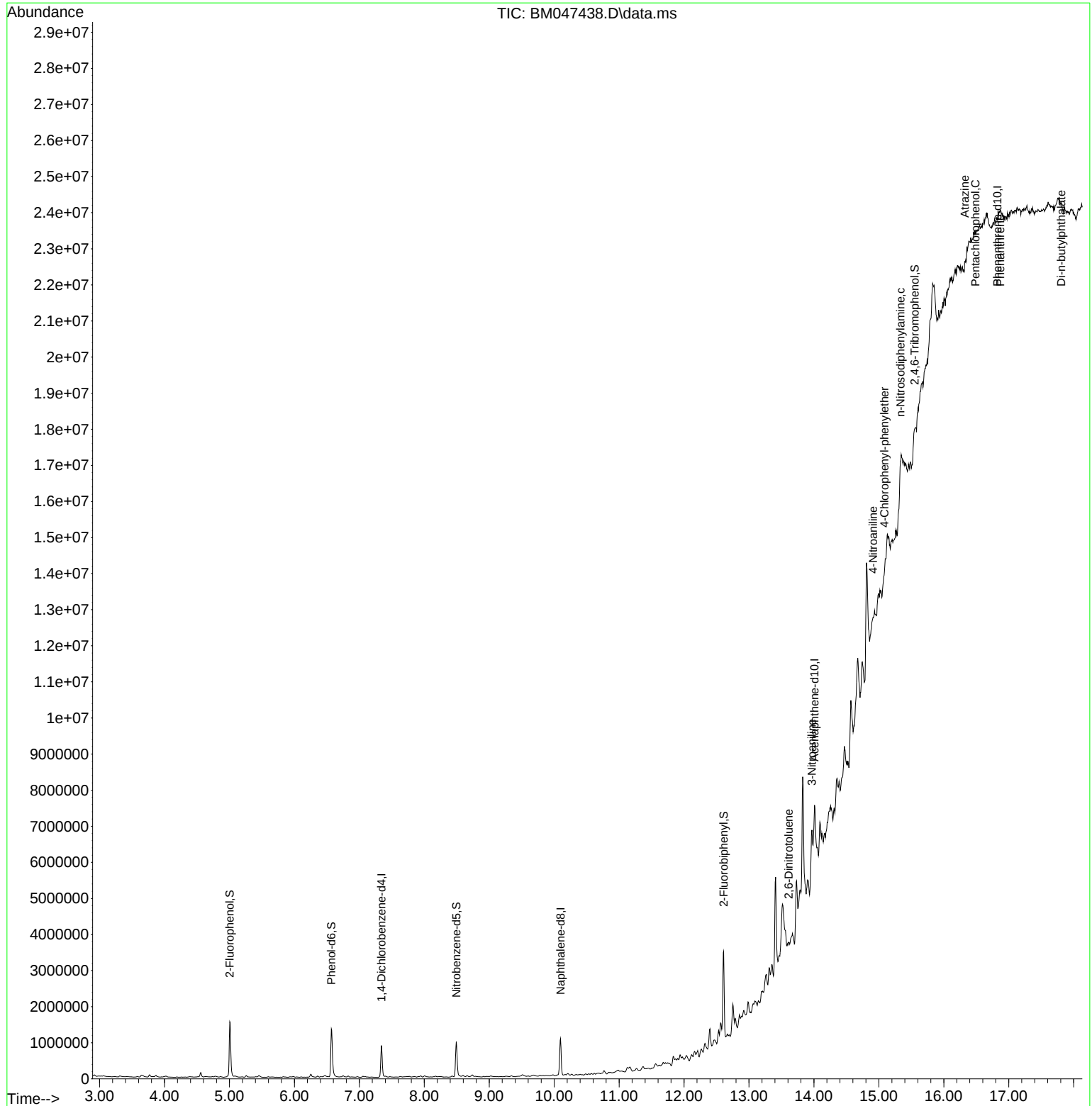
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.340	152	257880	20.000	ng	-0.01
21) Naphthalene-d8	10.098	136	879136	20.000	ng	0.00
39) Acenaphthene-d10	14.010	164	483736	20.000	ng	0.00
64) Phenanthrene-d10	16.827	188	583536	20.000	ng	# 0.05
76) Chrysene-d12	21.062	240	840055	20.000	ng	# 0.04
86) 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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Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :

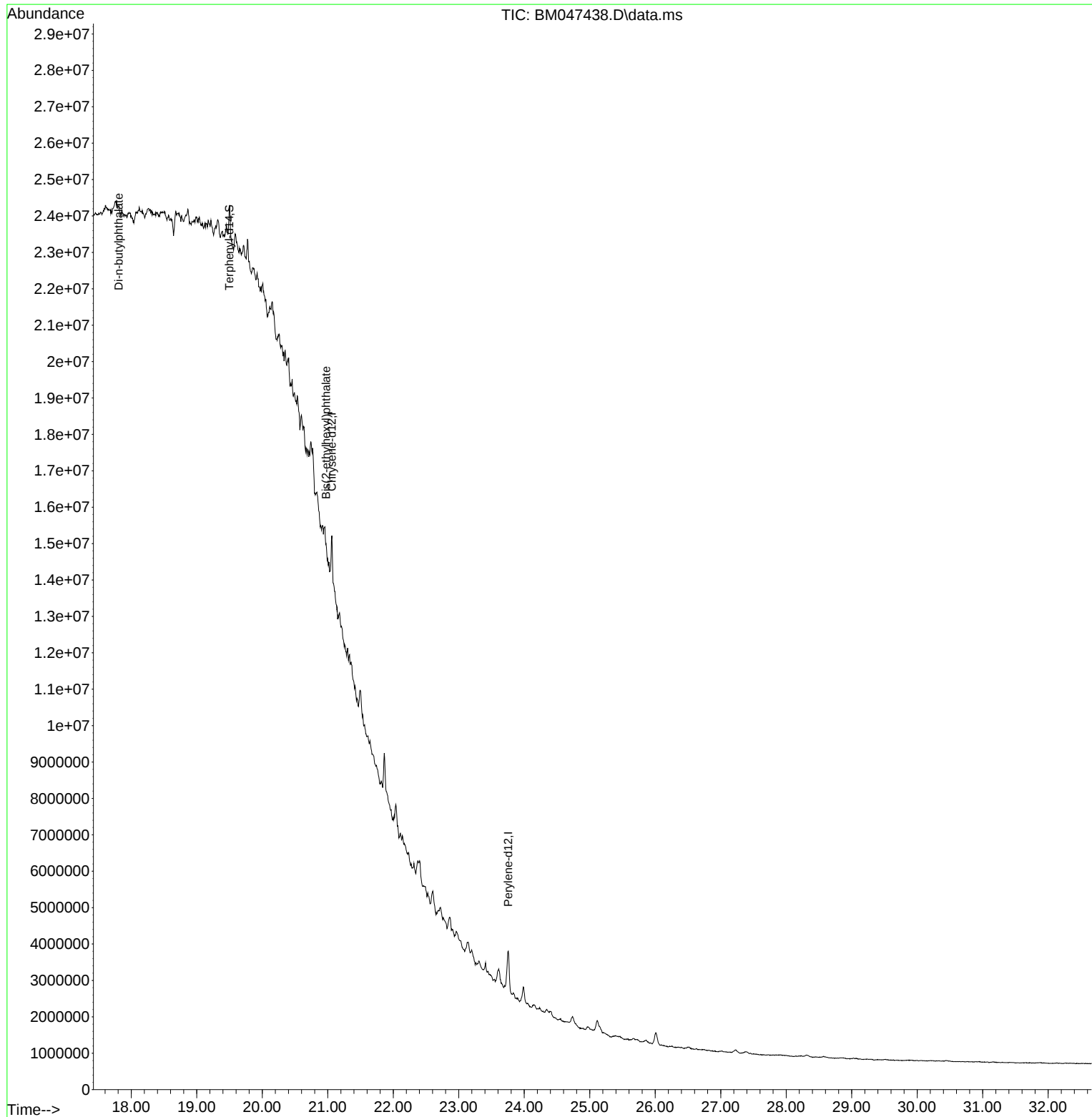
Quant Time: Sep 04 15:26:26 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM082624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration

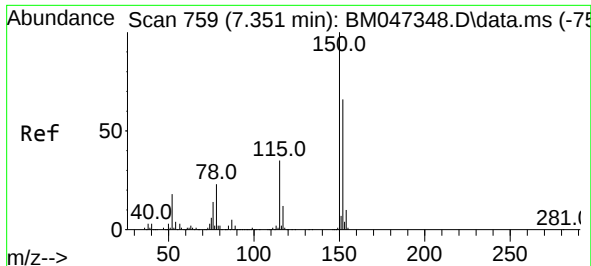


Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM090424\
Data File : BM047438.D
Acq On : 04 Sep 2024 14:44
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Sample : P3820-01
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BNA_M
ClientSampleId :

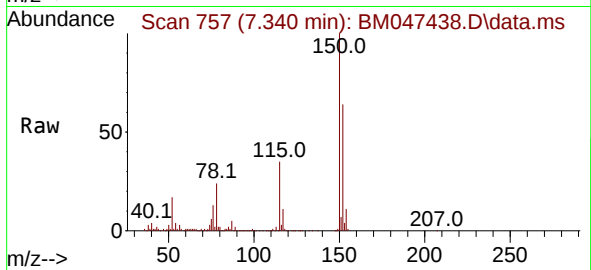
Quant Time: Sep 04 15:26:26 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM082624.M
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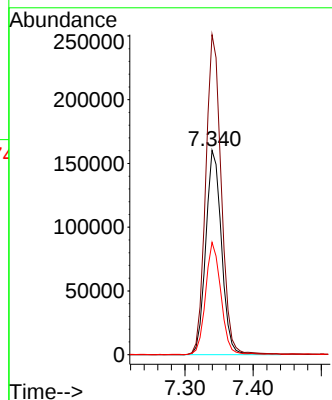
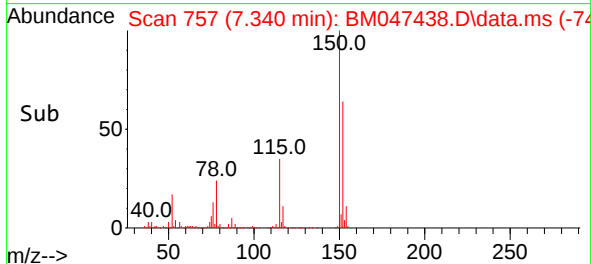


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.340 min Scan# 759
Delta R.T. -0.011 min
Lab File: BM047438.D
Acq: 04 Sep 2024 14:44

Instrument :
BNA_M
ClientSampleId :

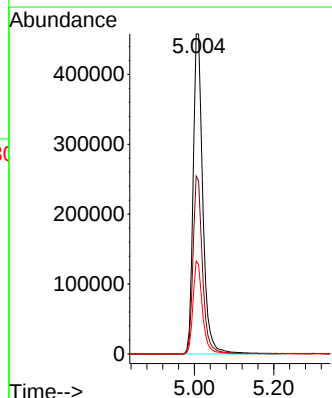
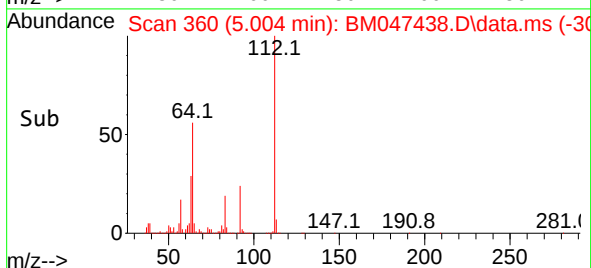
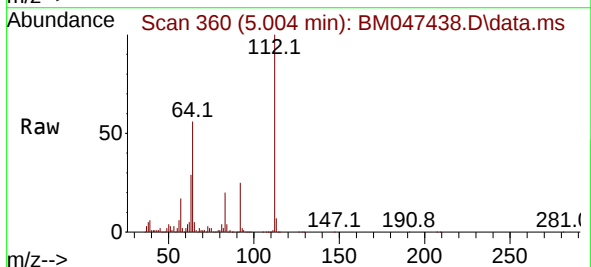


Tgt Ion:152 Resp: 257880
Ion Ratio Lower Upper
152 100
150 156.6 121.3 181.9
115 55.0 42.6 64.0



#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

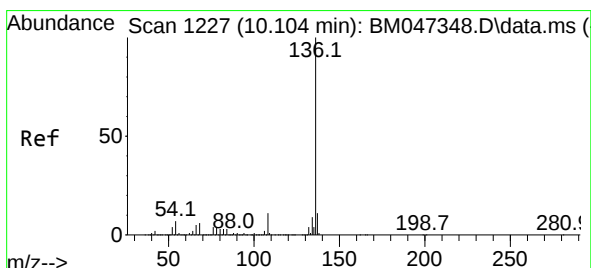
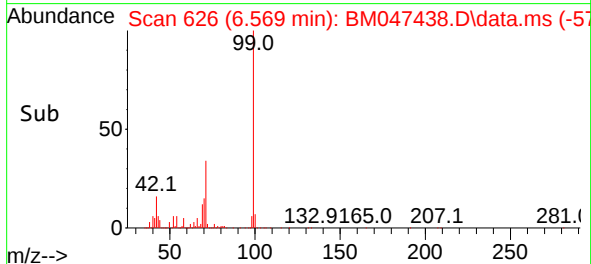
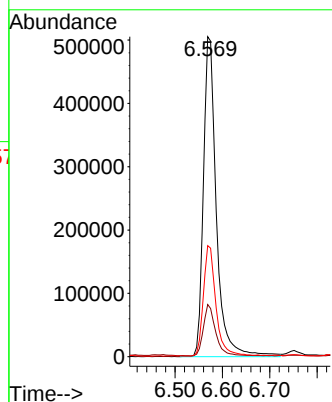
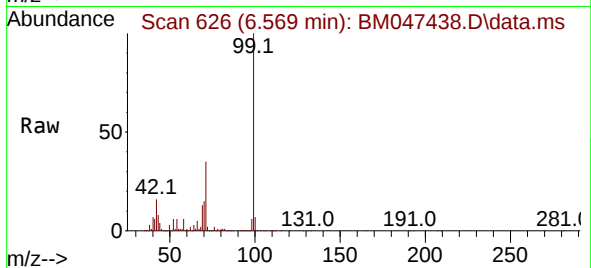




#7
Phenol-d6
Concen: 52.388 ng
RT: 6.569 min Scan# 61
Delta R.T. 0.000 min
Lab File: BM047438.D
Acq: 04 Sep 2024 14:44

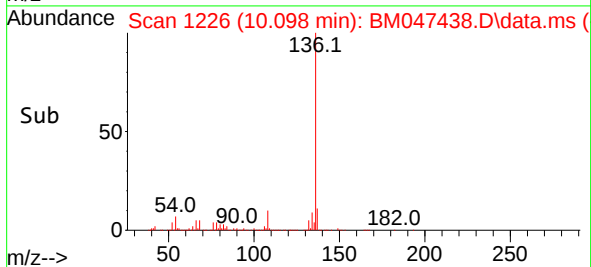
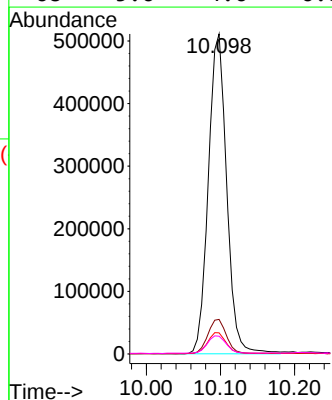
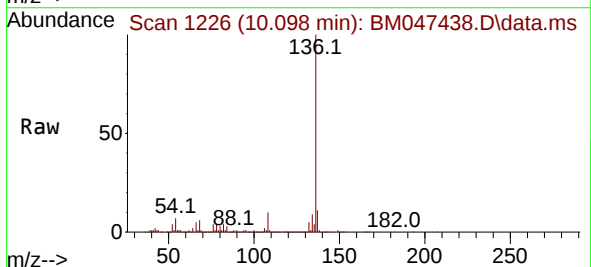
Instrument :
BNA_M
ClientSampleId :

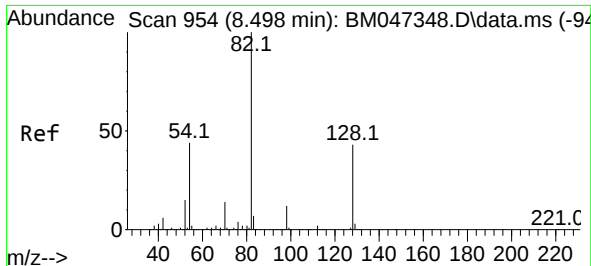
Tgt Ion: 99 Resp: 959256
Ion Ratio Lower Upper
99 100
42 16.3 13.0 19.4
71 34.7 27.5 41.3



#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

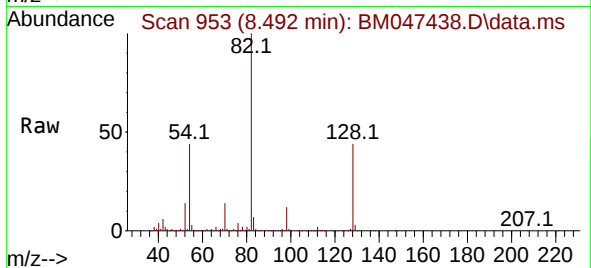
Tgt Ion: 136 Resp: 879136
Ion Ratio Lower Upper
136 100
137 10.8 8.8 13.2
54 6.6 5.2 7.8
68 5.6 4.6 6.8



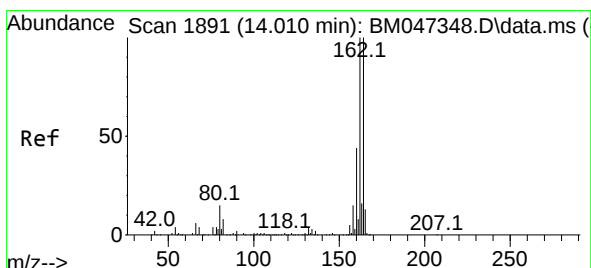
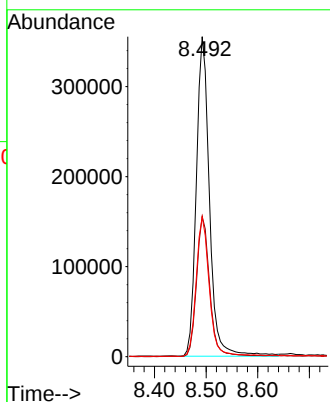
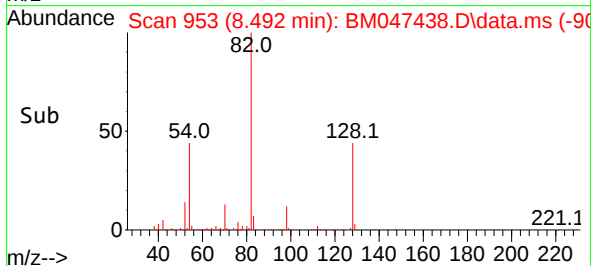


#23
Nitrobenzene-d5
Concen: 39.644 ng
RT: 8.492 min Scan# 91
Delta R.T. -0.006 min
Lab File: BM047438.D
Acq: 04 Sep 2024 14:44

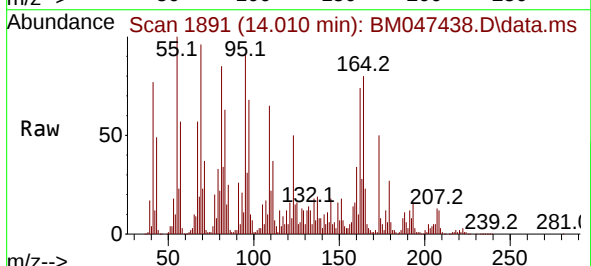
Instrument :
BNA_M
ClientSampleId :



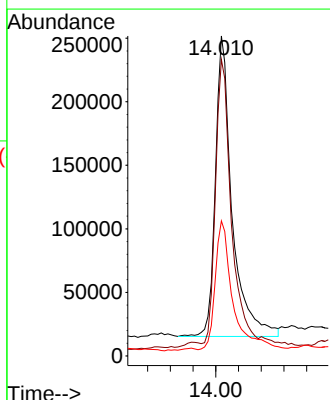
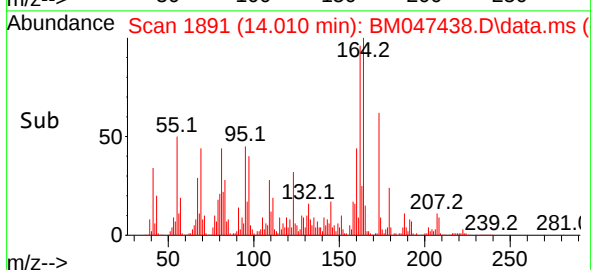
Tgt Ion: 82 Resp: 628132
Ion Ratio Lower Upper
82 100
128 43.9 34.6 51.8
54 43.7 35.5 53.3

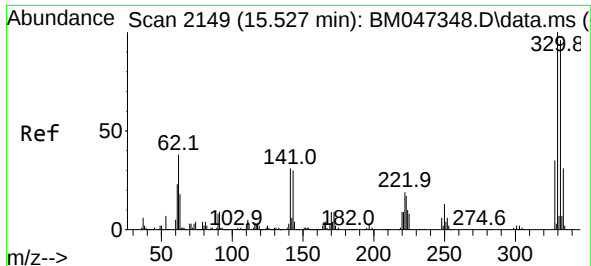


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.010 min Scan# 1891
Delta R.T. -0.000 min
Lab File: BM047438.D
Acq: 04 Sep 2024 14:44



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

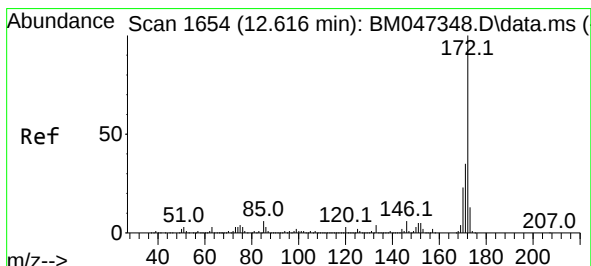
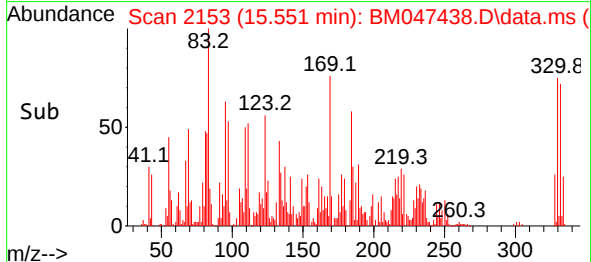
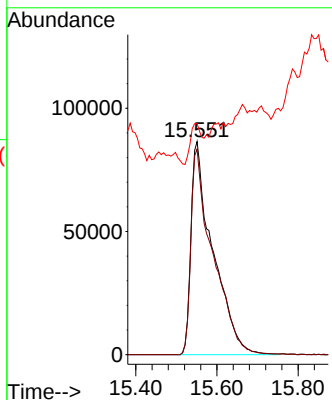
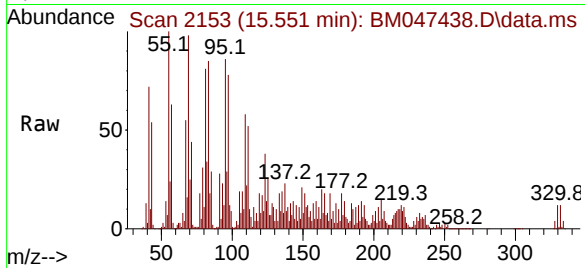




#42
 2,4,6-Tribromophenol
 Concen: 55.344 ng
 RT: 15.551 min Scan# 2149
 Delta R.T. 0.024 min
 Lab File: BM047438.D
 Acq: 04 Sep 2024 14:44

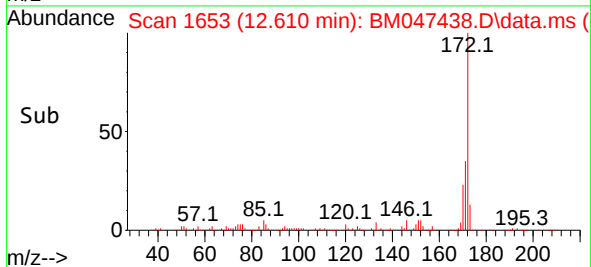
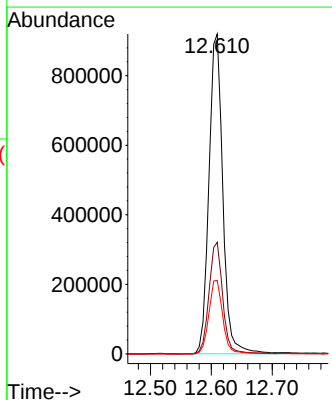
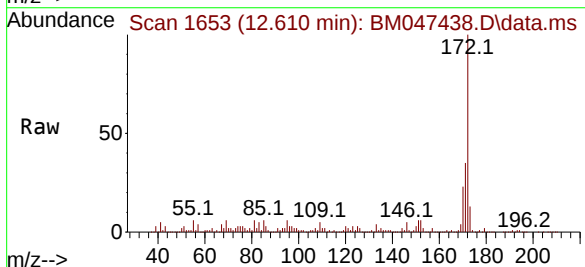
Instrument :
 BNA_M
 ClientSampleId :

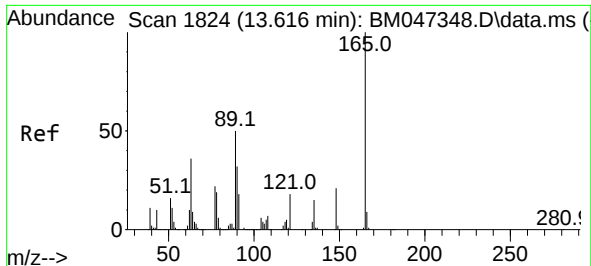
Tgt Ion:330 Resp: 322996
 Ion Ratio Lower Upper
 330 100
 332 96.5 77.2 115.8
 141 10.3 27.6 41.4#



#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

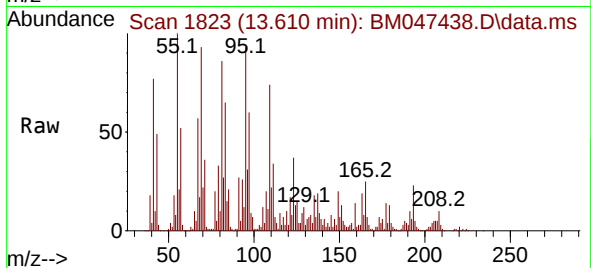
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Acq: 04 Sep 2024 14:44

Instrument :

BNA_M

ClientSampleId :



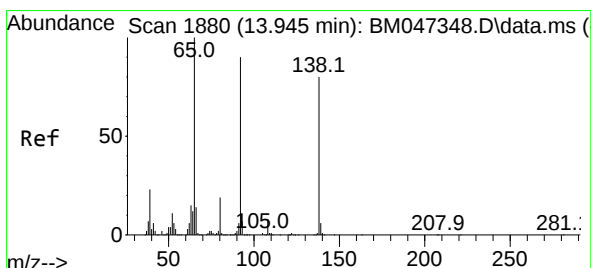
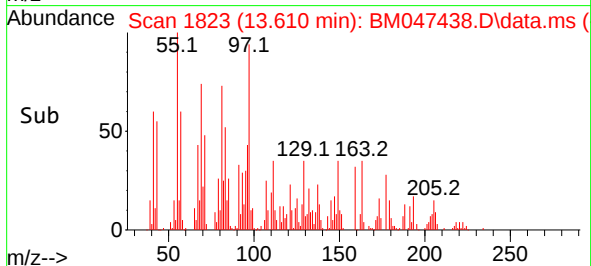
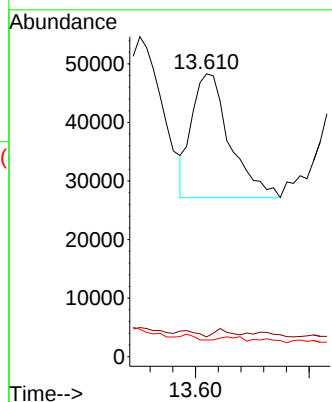
Tgt Ion:165 Resp: 49083

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

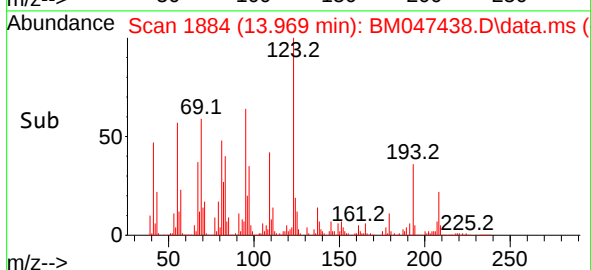
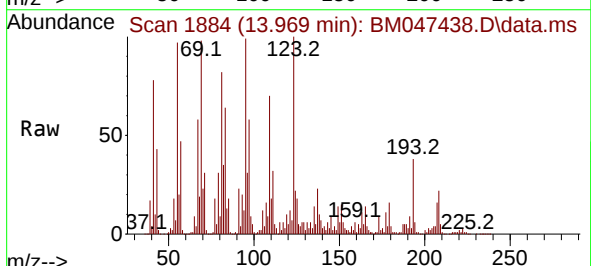
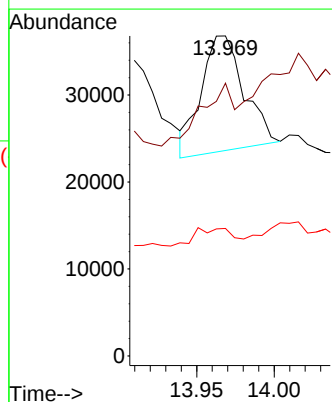
Tgt Ion:138 Resp: 25666

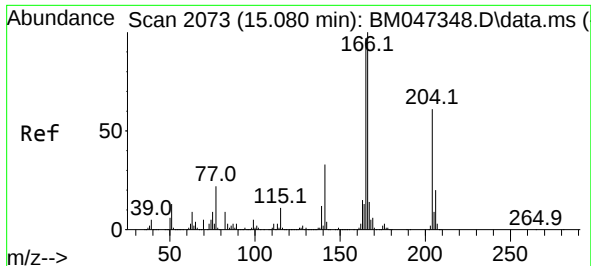
Ion Ratio Lower Upper

138 100

108 85.3 8.0 12.0#

92 39.8 90.1 135.1#

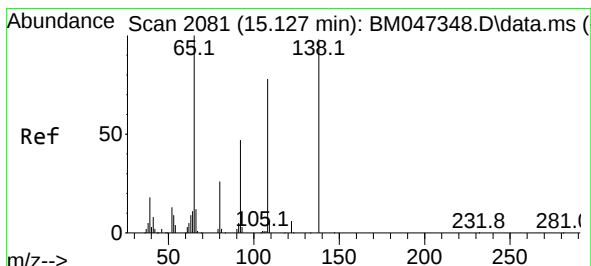
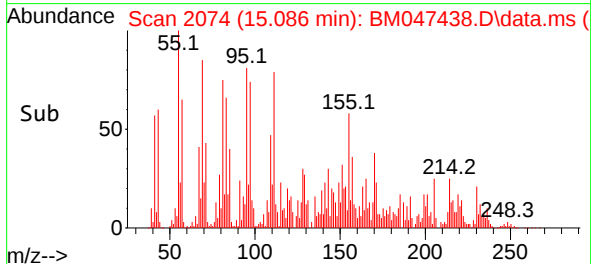
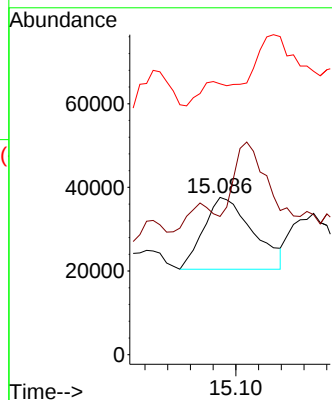
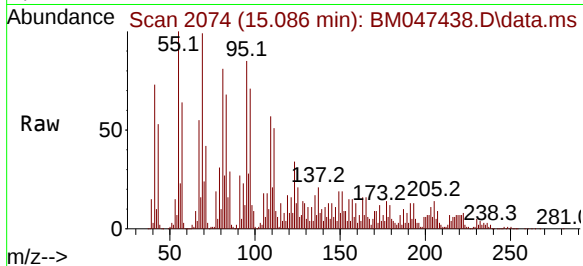




#61
4-Chlorophenyl-phenylether
Concen: 3.175 ng
RT: 15.086 min Scan# 2073
Delta R.T. 0.006 min
Lab File: BM047438.D
Acq: 04 Sep 2024 14:44

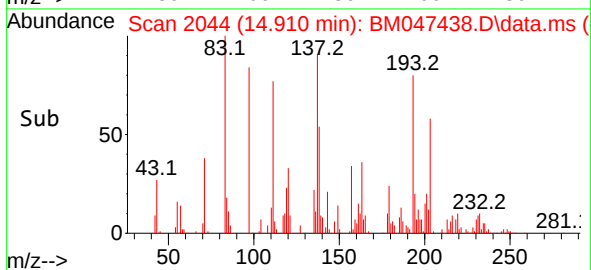
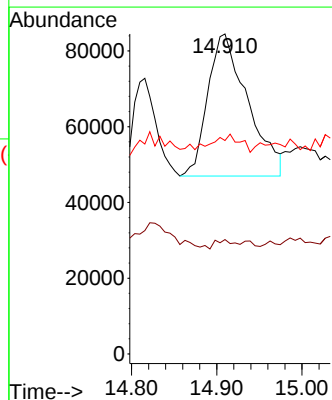
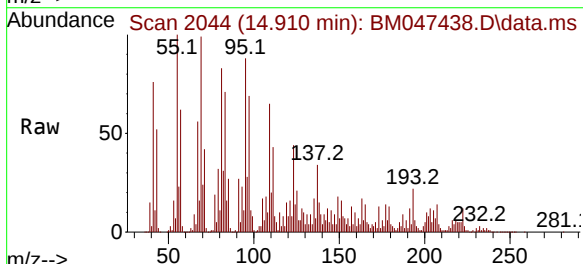
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BNA_M
ClientSampleId :

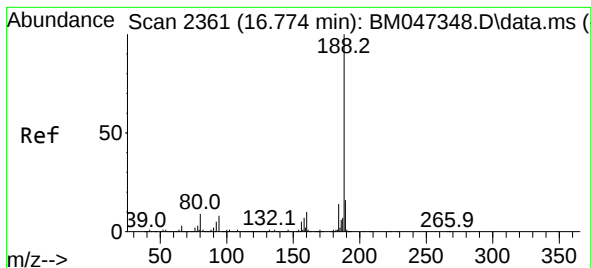
Tgt Ion:204 Resp: 51415
Ion Ratio Lower Upper
204 100
206 88.0 26.5 39.7#
141 172.2 42.8 64.2#



#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 :

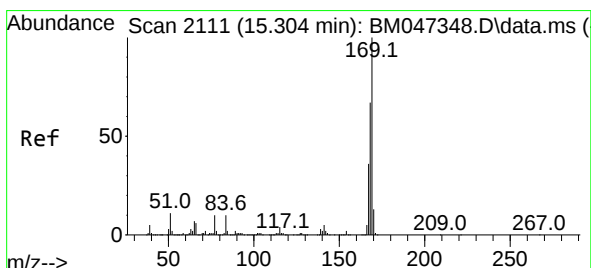
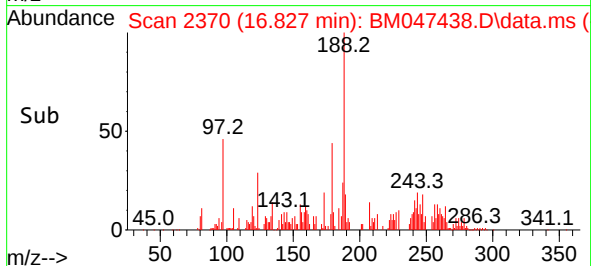
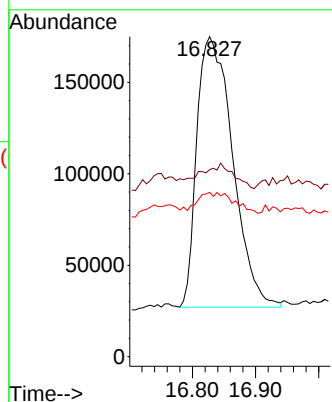
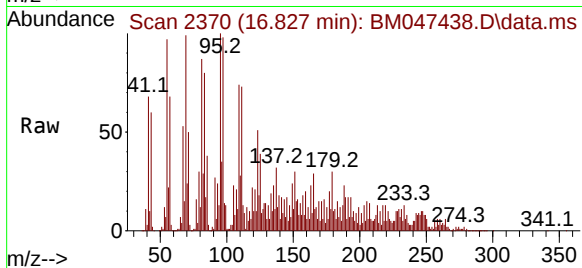
Tgt Ion:188 Resp: 583536

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

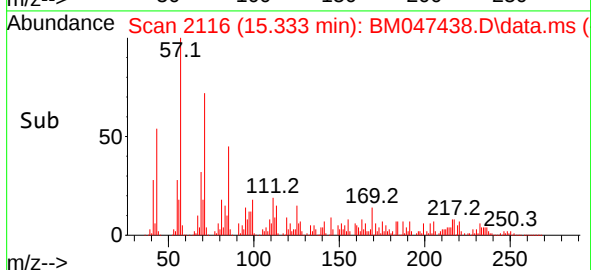
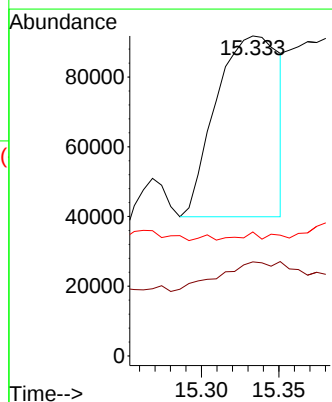
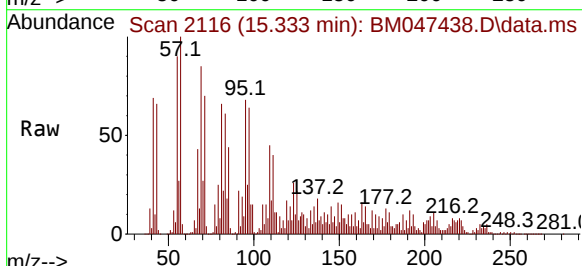
Tgt Ion:169 Resp: 145480

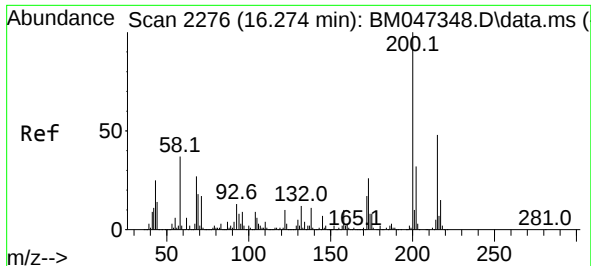
Ion Ratio Lower Upper

169 100

168 29.4 53.4 80.0#

167 38.7 29.0 43.4

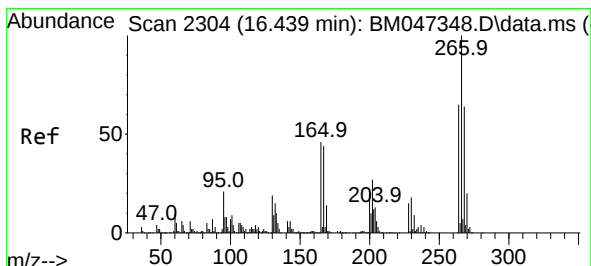
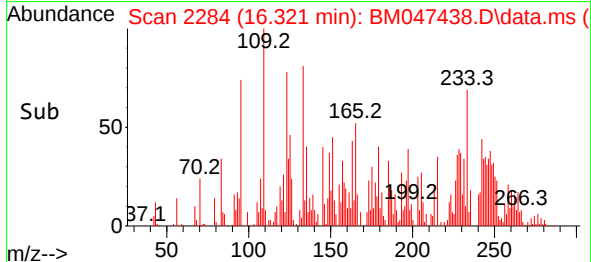
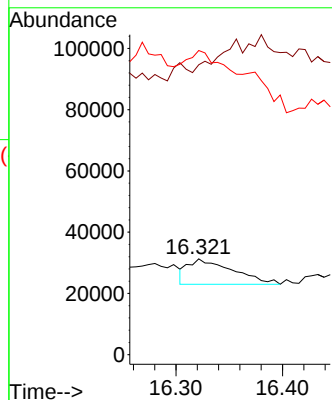
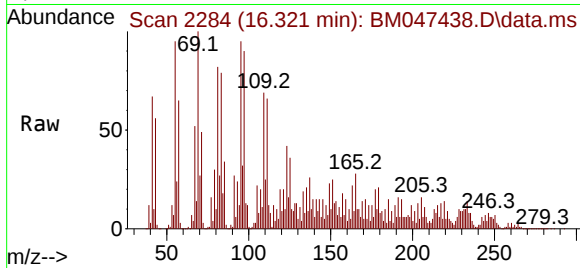




#69
 Atrazine
 Concen: 4.659 ng
 RT: 16.321 min Scan# 21
 Delta R.T. 0.047 min
 Lab File: BM047438.D
 Acq: 04 Sep 2024 14:44

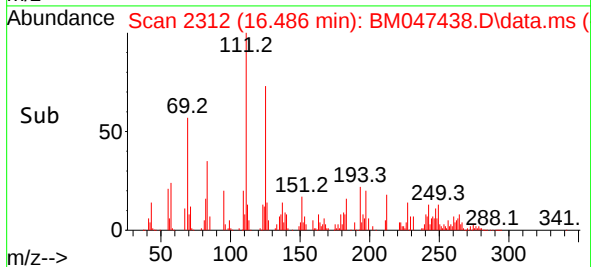
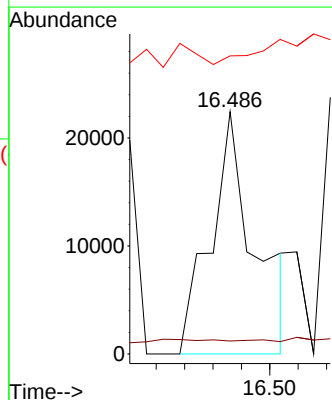
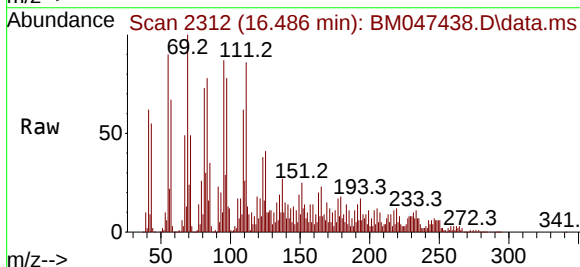
Instrument :
 BNA_M
 ClientSampleId :

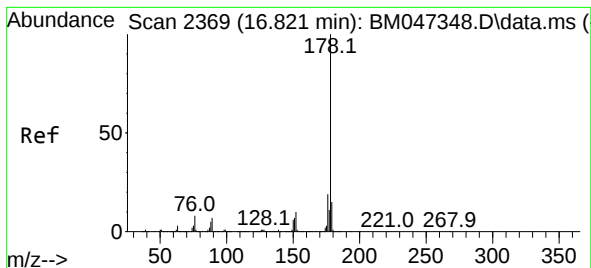
Tgt Ion:200 Resp: 24317
 Ion Ratio Lower Upper
 200 100
 173 302.6 5.8 45.8#
 215 317.5 28.3 68.3#



#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 :

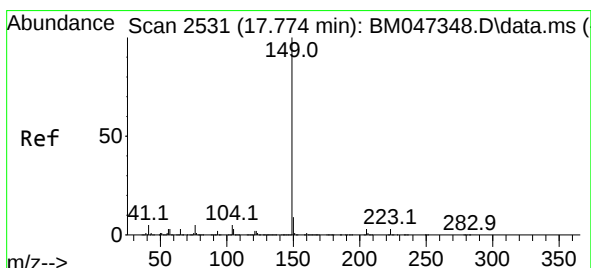
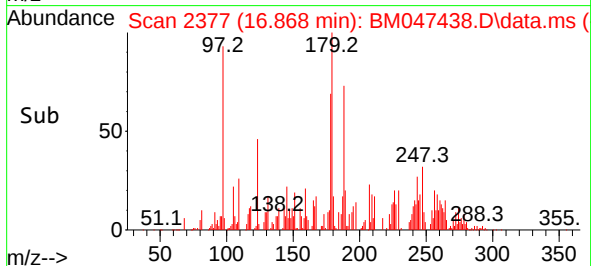
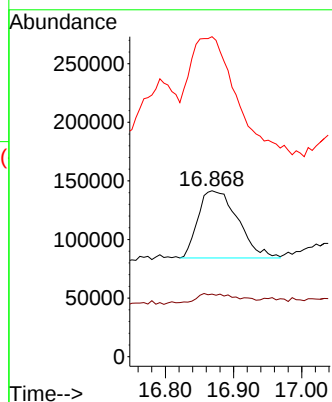
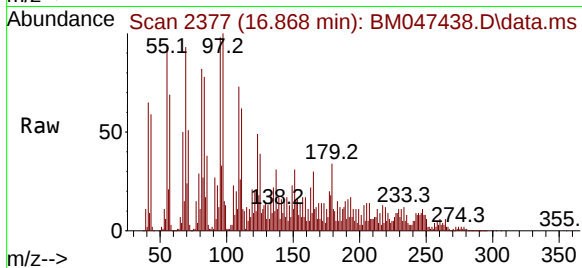
Tgt Ion:178 Resp: 232981

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

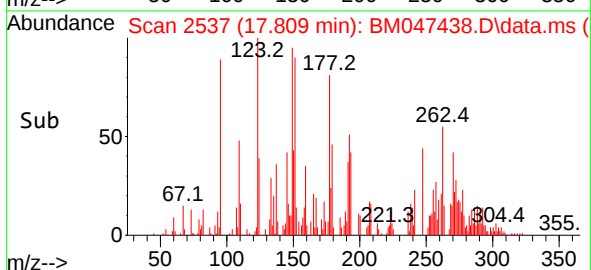
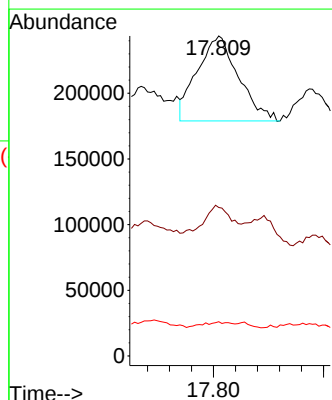
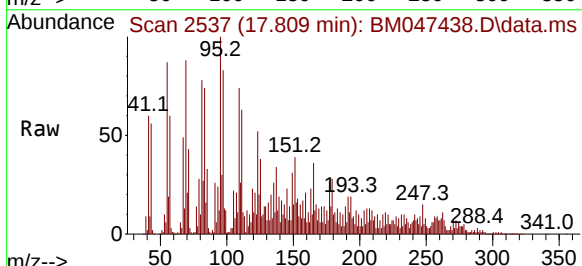
Tgt Ion:149 Resp: 336077

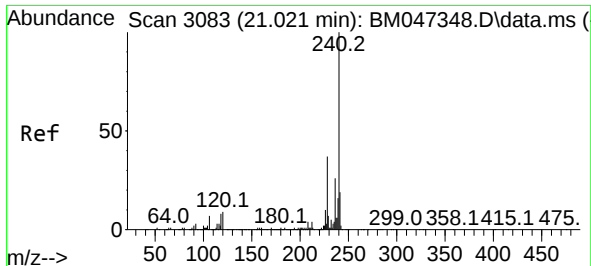
Ion Ratio Lower Upper

149 100

150 46.4 7.4 11.0#

104 10.7 3.8 5.6#

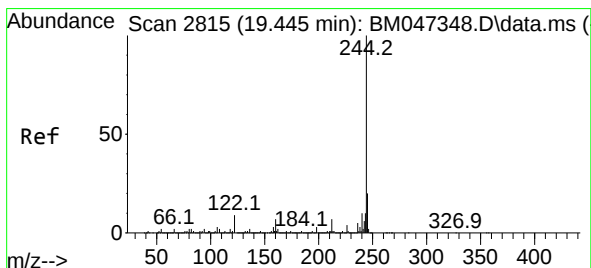
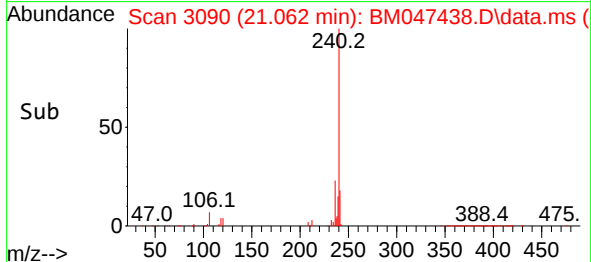
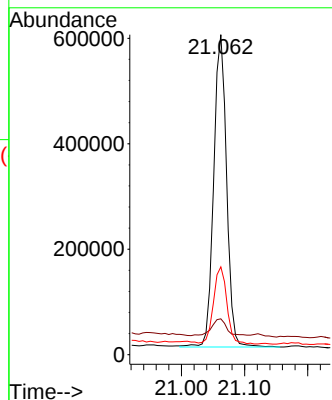
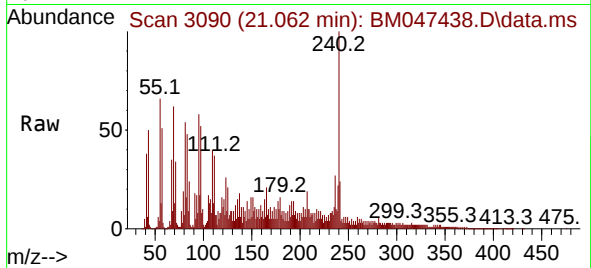




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.062 min Scan# 3083
Delta R.T. 0.041 min
Lab File: BM047438.D
Acq: 04 Sep 2024 14:44

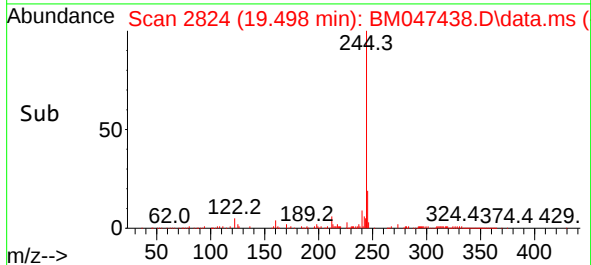
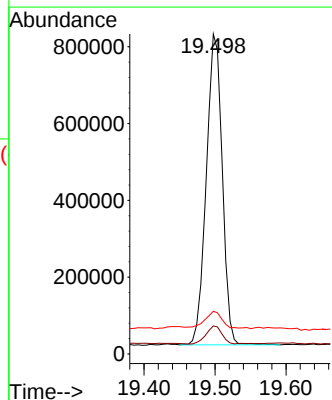
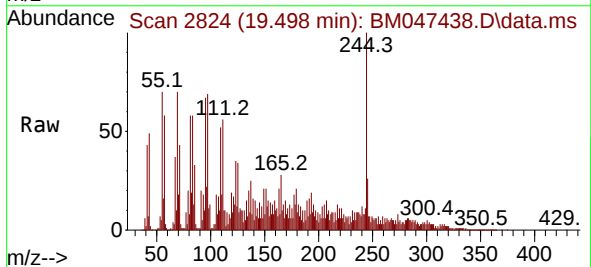
Instrument :
BNA_M
ClientSampleId :

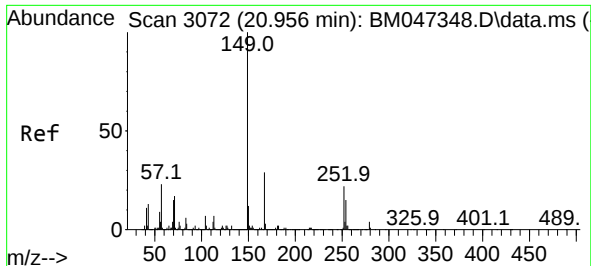
Tgt Ion:240 Resp: 840055
Ion Ratio Lower Upper
240 100
120 11.2 7.4 11.0#
236 27.4 20.8 31.2



#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#

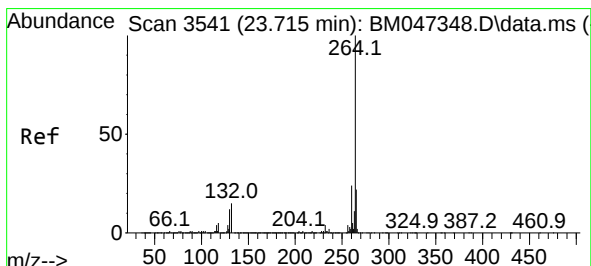
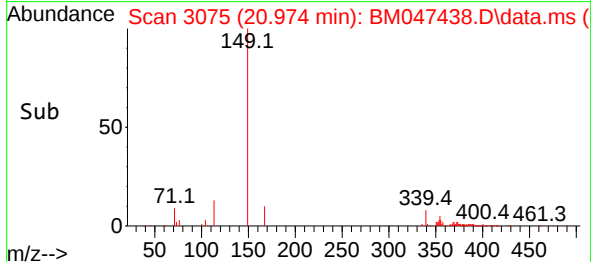
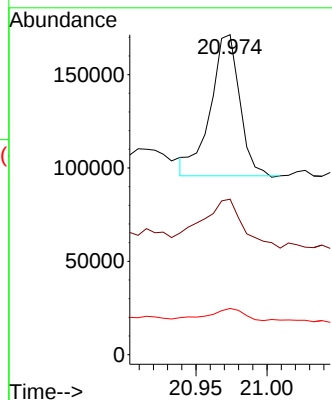
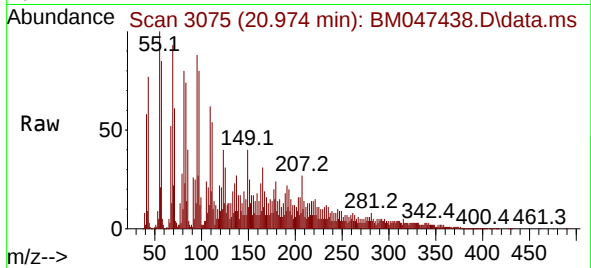




#84
Bis(2-ethylhexyl)phthalate
Concen: 3.017 ng
RT: 20.974 min Scan# 3075
Delta R.T. 0.018 min
Lab File: BM047438.D
Acq: 04 Sep 2024 14:44

Instrument :
BNA_M
ClientSampleId :

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

