

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM091624\
 Data File : BM047536.D
 Acq On : 16 Sep 2024 16:12
 Operator : RC/JU
 Sample : P3845-03DL 5X
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PT-BN-WPDL

Quant Time: Sep 16 16:51:55 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM091424.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun Sep 15 08:56:37 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.851	152	377823	20.000	ng	0.00
21) Naphthalene-d8	10.645	136	1623265	20.000	ng	0.00
39) Acenaphthene-d10	14.480	164	949493	20.000	ng	0.00
64) Phenanthrene-d10	17.215	188	1818864	20.000	ng	0.00
76) Chrysene-d12	21.439	240	1347119	20.000	ng	0.00
86) Perylene-d12	24.468	264	1275889	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.422	112	734018	30.933	ng	0.00
7) Phenol-d6	7.004	99	992382	29.696	ng	0.00
23) Nitrobenzene-d5	8.998	82	665465	20.517	ng	0.00
42) 2,4,6-Tribromophenol	15.957	330	181384	19.764	ng	0.00
45) 2-Fluorobiphenyl	13.104	172	1305866	18.945	ng	0.00
79) Terphenyl-d14	19.827	244	1782974	23.717	ng	0.00
Target Compounds						
						Qvalue
4) n-Nitrosodimethylamine	3.628	42	356838	25.996	ng	# 99
6) Aniline	7.269	93	678098	22.888	ng	# 54
11) bis(2-Chloroethyl)ether	7.269	93	678098	25.243	ng	99
12) 1,3-Dichlorobenzene	7.739	146	863225	30.148	ng	98
13) 1,4-Dichlorobenzene	7.739	146	863225	29.600	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.375	45	574680	15.208	ng	99
18) Hexachloroethane	8.933	117	312580	26.831	ng	95
19) n-Nitroso-di-n-propyla...	8.651	70	515796	22.893	ng	99
31) Naphthalene	10.692	128	2634257	30.048	ng	100
32) Benzoic acid	9.833	122	64	6.703	ng	# 1
33) 4-Chloroaniline	10.692	127	347310	10.957	ng	# 32
34) Hexachlorobutadiene	10.992	225	194944	14.047	ng	100
37) 2-Methylnaphthalene	12.304	142	1005200	17.227	ng	98
38) 1-Methylnaphthalene	12.527	142	1935401	33.377	ng	100
41) Hexachlorocyclopentadiene	12.663	237	498511	59.352	ng	99
49) Acenaphthylene	14.198	152	2676589	32.334	ng	99
51) 2,6-Dinitrotoluene	14.045	165	209271	15.318	ng	94
52) Acenaphthene	14.539	154	203075	3.501	ng	99
53) 3-Nitroaniline	14.368	138	265340	17.474	ng	99
55) Dibenzofuran	14.874	168	915756	11.236	ng	97
56) 4-Nitrophenol	14.874	139	383375	30.681	ng	# 3
57) 2,4-Dinitrotoluene	14.827	165	206695	11.344	ng	92
58) Fluorene	15.521	166	2573022	35.065	ng	98
60) Diethylphthalate	15.298	149	1228185	17.832	ng	100
61) 4-Chlorophenyl-phenyle...	15.521	204	245994	7.332	ng	99
63) Azobenzene	15.727	77	207175	2.732	ng	# 8
66) n-Nitrosodiphenylamine	15.727	169	1372755	24.671	ng	99
68) Hexachlorobenzene	16.527	284	580365	28.987	ng	100
71) Phenanthrene	17.345	178	2299599	22.942	ng	98
72) Anthracene	17.345	178	2299599	23.878	ng	100
78) Pyrene	19.621	202	612806	6.236	ng	99
81) Benzo(a)anthracene	21.486	228	2459118	28.006	ng	96
83) Chrysene	21.486	228	2459118	29.609	ng	99
84) Bis(2-ethylhexyl)phtha...	21.356	149	968770	16.349	ng	# 98
85) Di-n-octyl phthalate	22.503	149	2147339	25.619	ng	98
87) Indeno(1,2,3-cd)pyrene	27.879	276	1613527	21.132	ng	98

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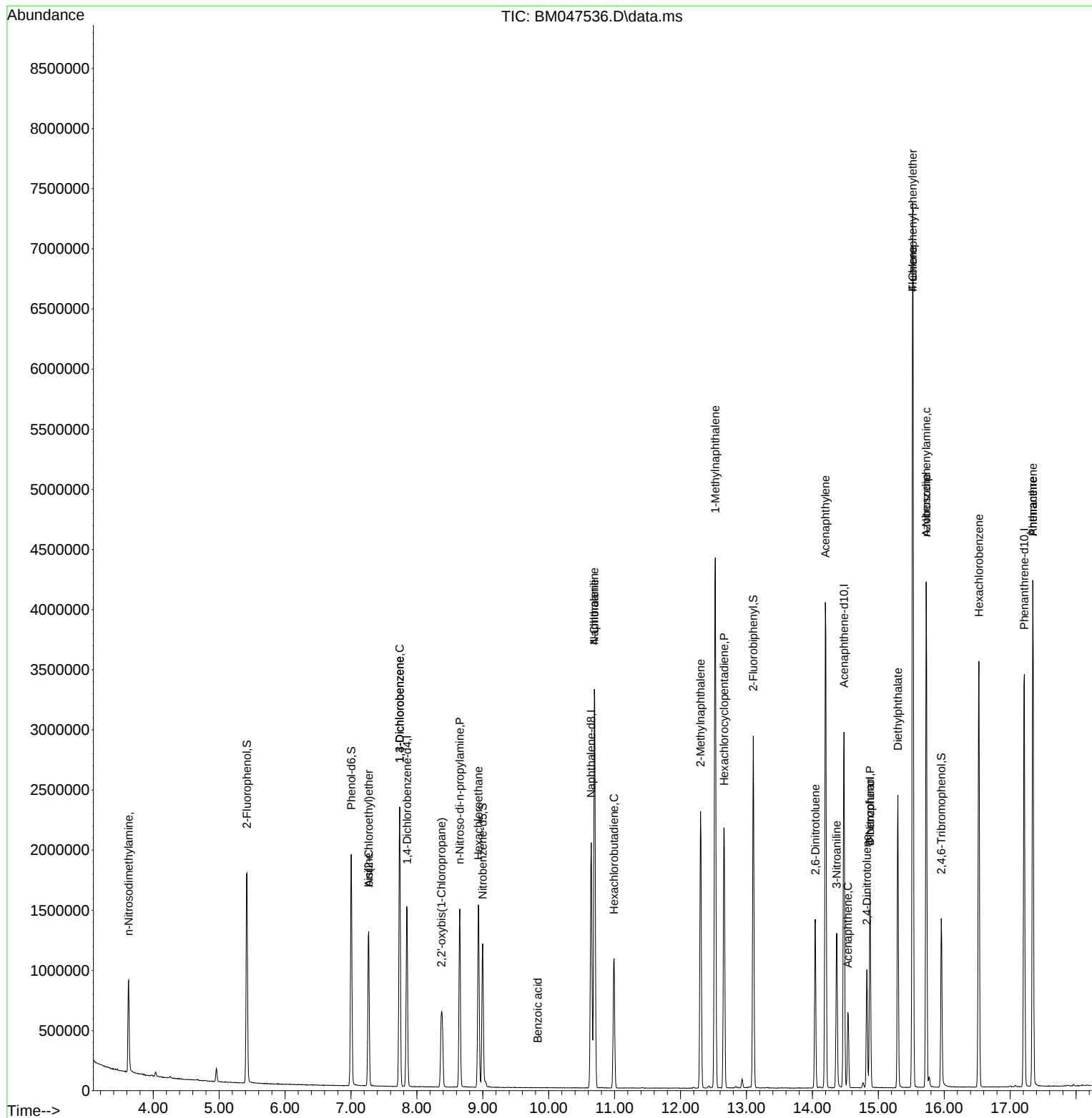
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
88) Benzo(b)fluoranthene	23.503	252	744359	9.017	ng	97
89) Benzo(k)fluoranthene	23.574	252	1173640	14.345	ng	99
90) Benzo(a)pyrene	24.321	252	1006301	14.873	ng	97
91) Dibenzo(a,h)anthracene	27.950	278	1203491	18.734	ng	99
92) Benzo(g,h,i)perylene	28.950	276	954289	15.207	ng	98

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

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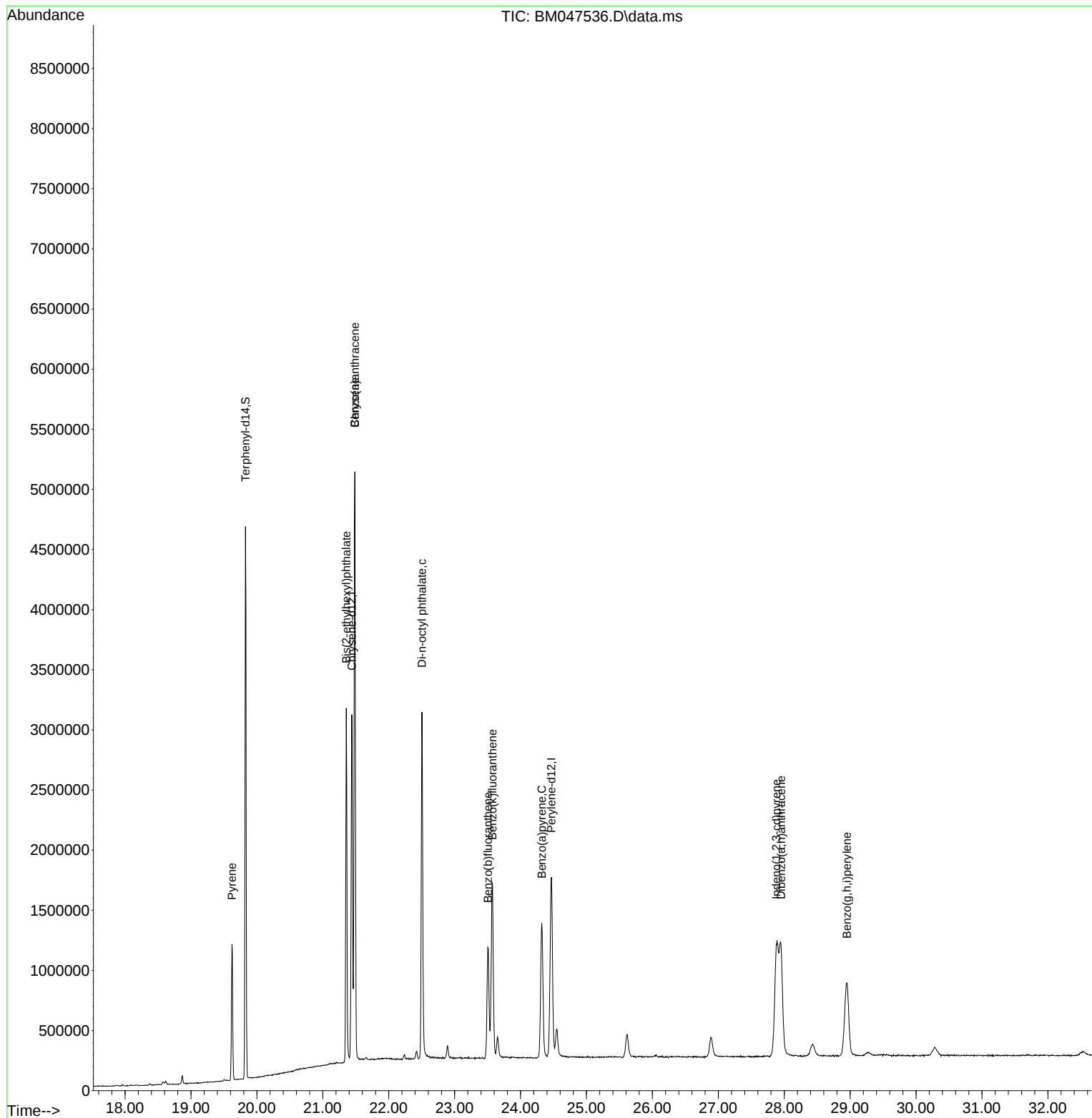
Quant Time: Sep 16 16:51:55 2024
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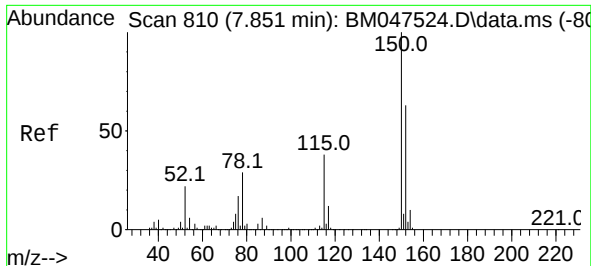


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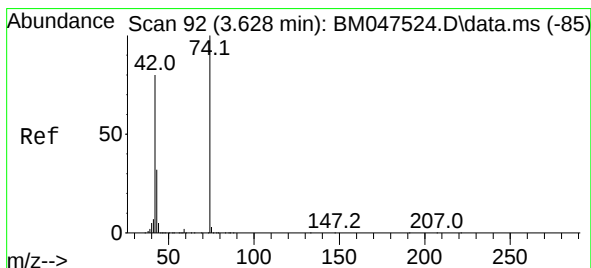
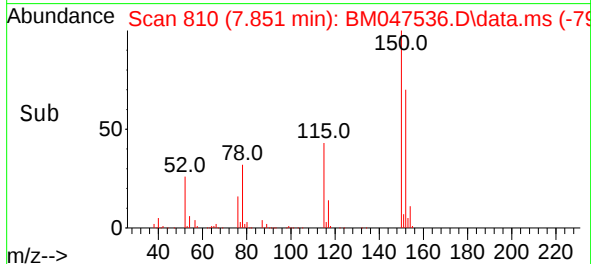
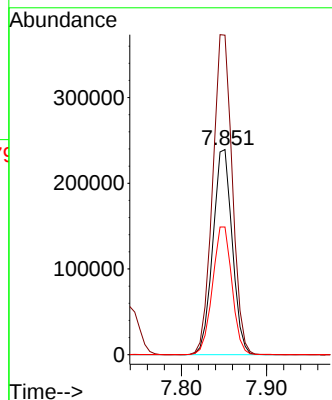
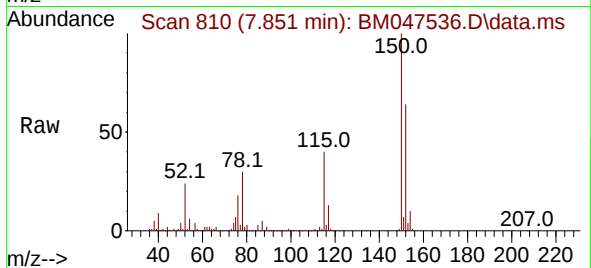




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.851 min Scan# 810
Delta R.T. 0.000 min
Lab File: BM047536.D
Acq: 16 Sep 2024 16:12

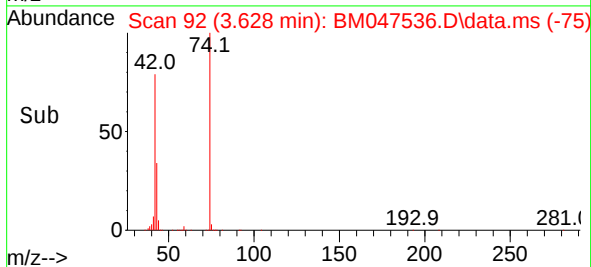
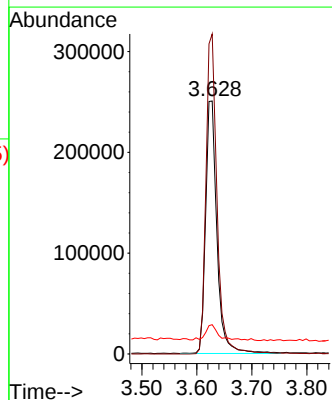
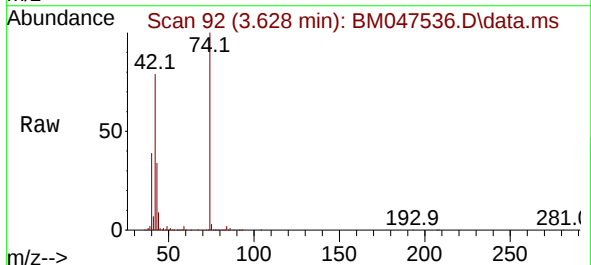
Instrument :
BNA_M
ClientSampleId :
PT-BN-WPDL

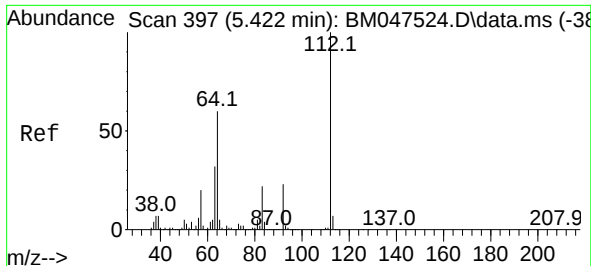
Tgt Ion:152 Resp: 377823
Ion Ratio Lower Upper
152 100
150 155.7 126.8 190.2
115 62.2 47.8 71.8



#4
n-Nitrosodimethylamine
Concen: 25.996 ng
RT: 3.628 min Scan# 92
Delta R.T. 0.000 min
Lab File: BM047536.D
Acq: 16 Sep 2024 16:12

Tgt Ion: 42 Resp: 356838
Ion Ratio Lower Upper
42 100
74 126.5 100.5 150.7
44 11.6 6.9 10.3

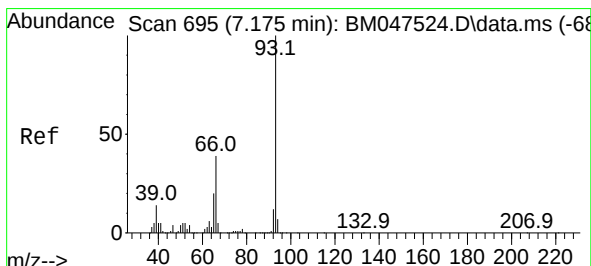
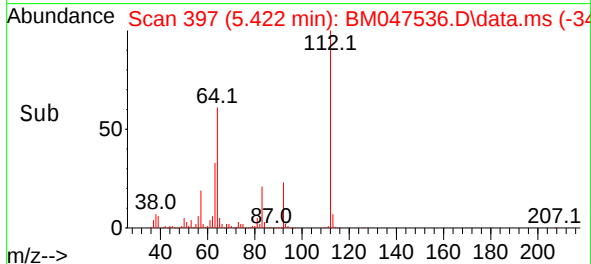
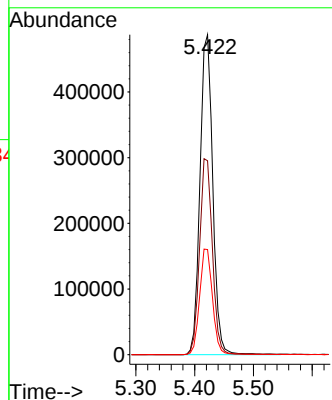
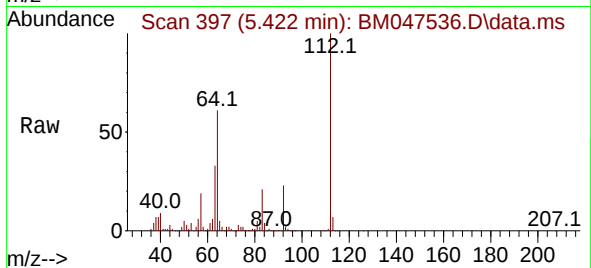




#5
2-Fluorophenol
Concen: 30.933 ng
RT: 5.422 min Scan# 397
Delta R.T. 0.000 min
Lab File: BM047536.D
Acq: 16 Sep 2024 16:12

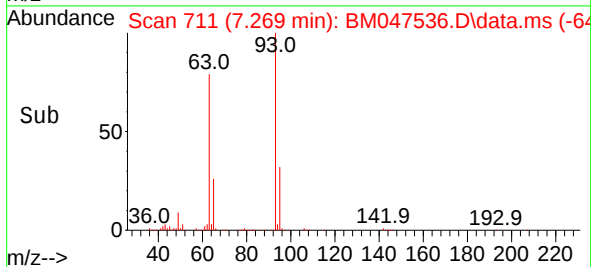
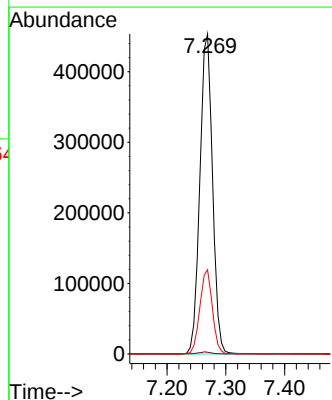
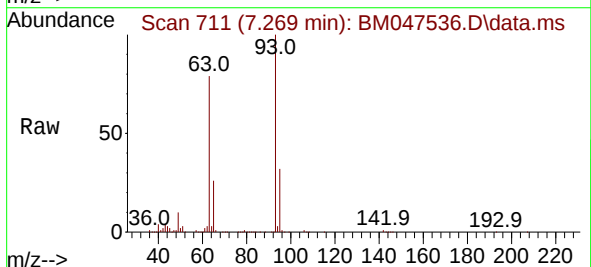
Instrument :
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ClientSampleId :
PT-BN-WPDL

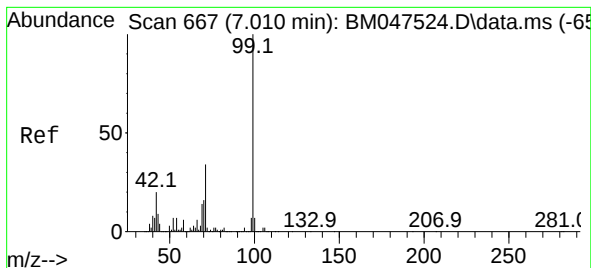
Tgt Ion:112 Resp: 734018
Ion Ratio Lower Upper
112 100
64 60.6 48.2 72.4
63 32.8 26.0 39.0



#6
Aniline
Concen: 22.888 ng
RT: 7.269 min Scan# 711
Delta R.T. 0.094 min
Lab File: BM047536.D
Acq: 16 Sep 2024 16:12

Tgt Ion: 93 Resp: 678098
Ion Ratio Lower Upper
93 100
66 0.6 31.4 47.0#
65 26.3 16.3 24.5#





#7

Phenol-d6

Concen: 29.696 ng

RT: 7.004 min Scan# 60

Delta R.T. -0.006 min

Lab File: BM047536.D

Acq: 16 Sep 2024 16:12

Instrument :

BNA_M

ClientSampleId :

PT-BN-WPDL

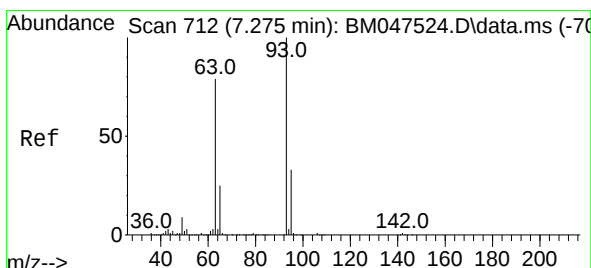
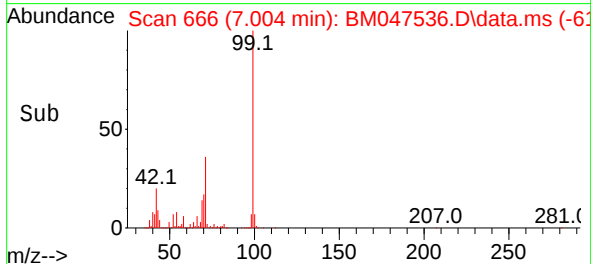
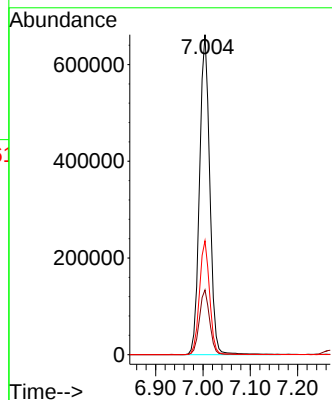
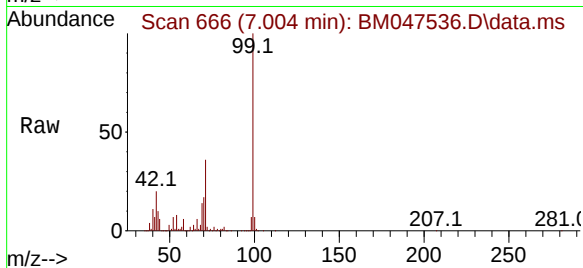
Tgt Ion: 99 Resp: 992382

Ion Ratio Lower Upper

99 100

42 20.2 15.8 23.8

71 35.6 27.6 41.4



#11

bis(2-Chloroethyl)ether

Concen: 25.243 ng

RT: 7.269 min Scan# 711

Delta R.T. -0.006 min

Lab File: BM047536.D

Acq: 16 Sep 2024 16:12

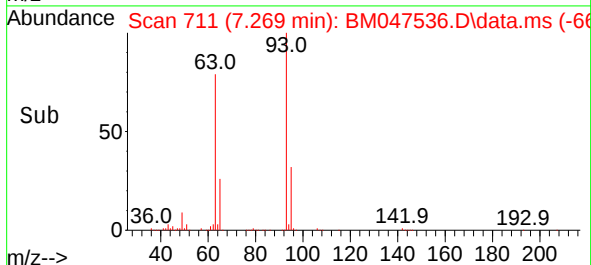
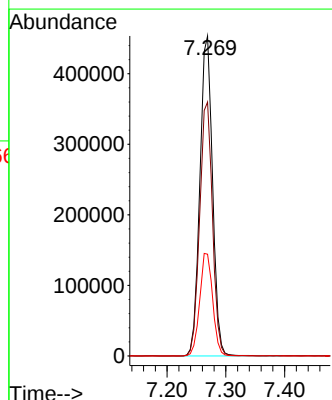
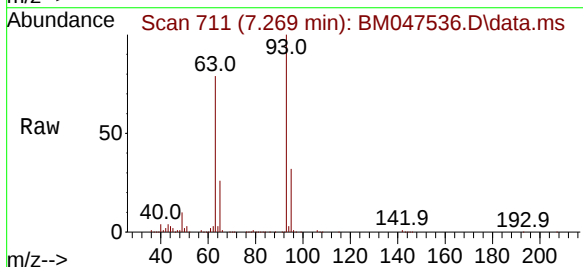
Tgt Ion: 93 Resp: 678098

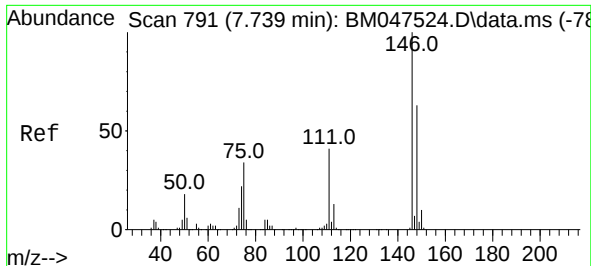
Ion Ratio Lower Upper

93 100

63 79.3 58.2 98.2

95 31.8 12.8 52.8

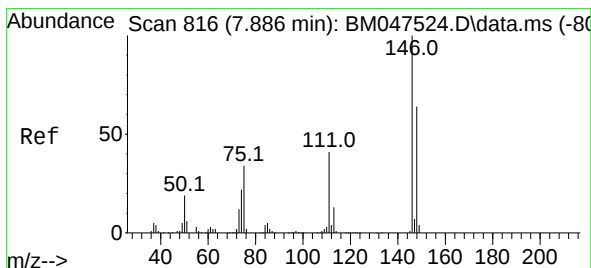
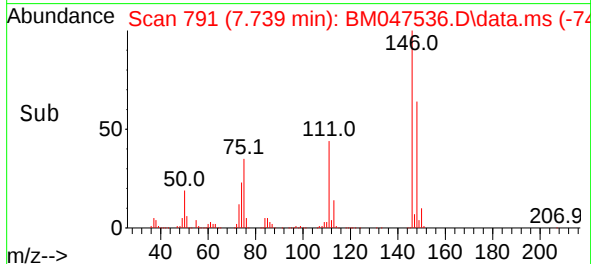
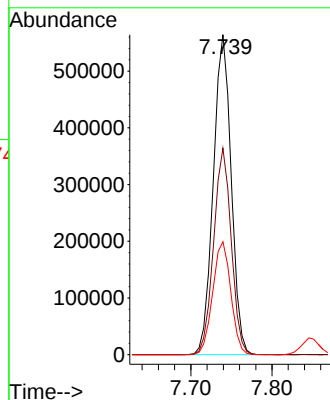
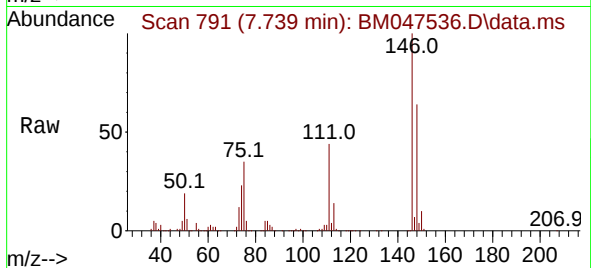




#12
1,3-Dichlorobenzene
Concen: 30.148 ng
RT: 7.739 min Scan# 791
Delta R.T. 0.000 min
Lab File: BM047536.D
Acq: 16 Sep 2024 16:12

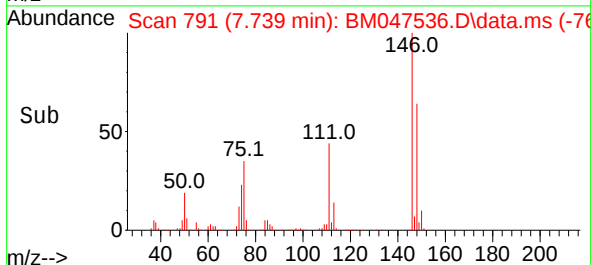
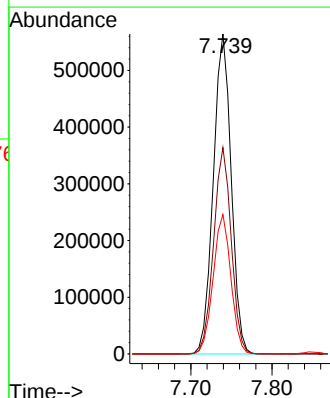
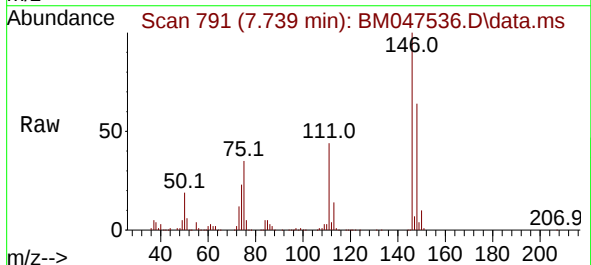
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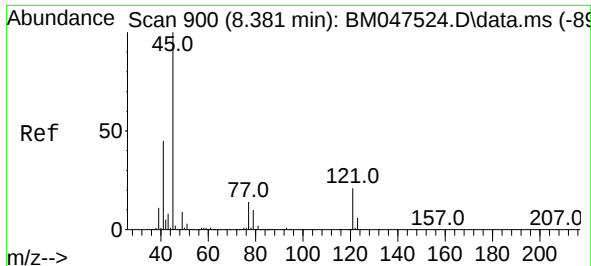
Tgt Ion:146 Resp: 863225
Ion Ratio Lower Upper
146 100
148 64.5 50.2 75.4
75 35.3 27.4 41.0



#13
1,4-Dichlorobenzene
Concen: 29.600 ng
RT: 7.739 min Scan# 791
Delta R.T. -0.147 min
Lab File: BM047536.D
Acq: 16 Sep 2024 16:12

Tgt Ion:146 Resp: 863225
Ion Ratio Lower Upper
146 100
148 64.5 51.3 76.9
111 43.6 32.9 49.3

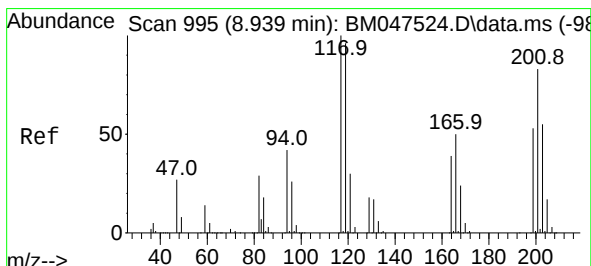
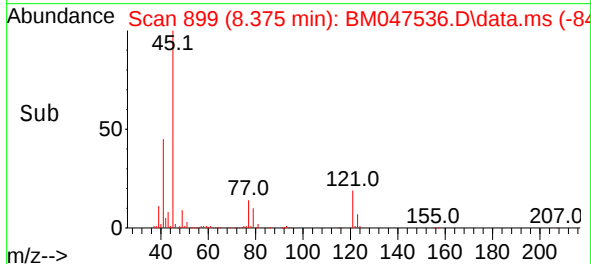
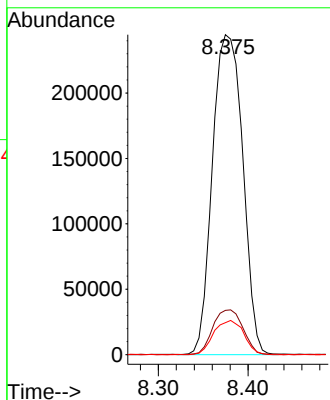
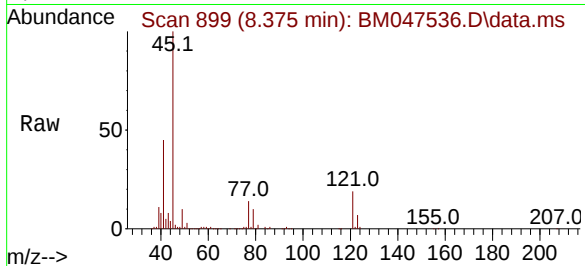




#16
2,2'-oxybis(1-chloropropane)
Concen: 15.208 ng
RT: 8.375 min Scan# 899
Delta R.T. -0.006 min
Lab File: BM047536.D
Acq: 16 Sep 2024 16:12

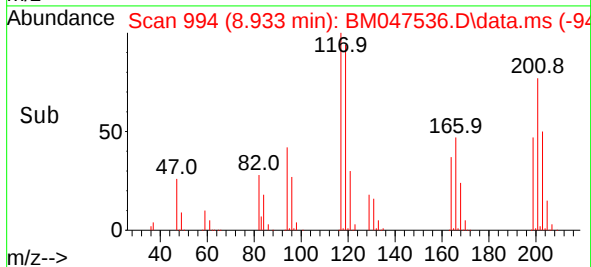
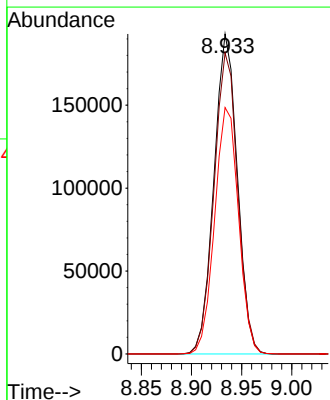
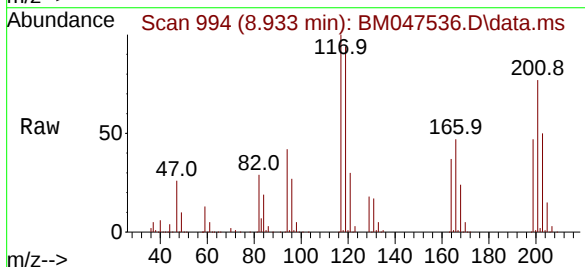
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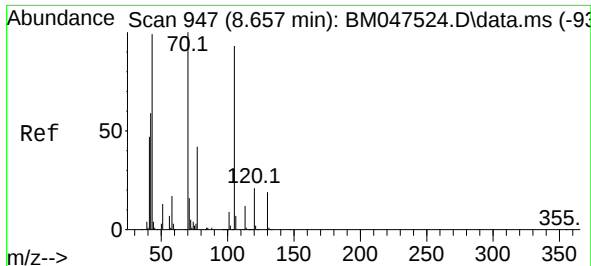
Tgt Ion: 45 Resp: 574680
Ion Ratio Lower Upper
45 100
77 13.8 0.0 33.7
79 10.0 0.0 30.3



#18
Hexachloroethane
Concen: 26.831 ng
RT: 8.933 min Scan# 994
Delta R.T. -0.006 min
Lab File: BM047536.D
Acq: 16 Sep 2024 16:12

Tgt Ion: 117 Resp: 312580
Ion Ratio Lower Upper
117 100
119 94.1 77.0 115.4
201 77.0 66.8 100.2





#19

n-Nitroso-di-n-propylamine

Concen: 22.893 ng

RT: 8.651 min Scan# 947

Delta R.T. -0.006 min

Lab File: BM047536.D

Acq: 16 Sep 2024 16:12

Instrument :

BNA_M

ClientSampleId :

PT-BN-WPDL

Tgt Ion: 70 Resp: 515796

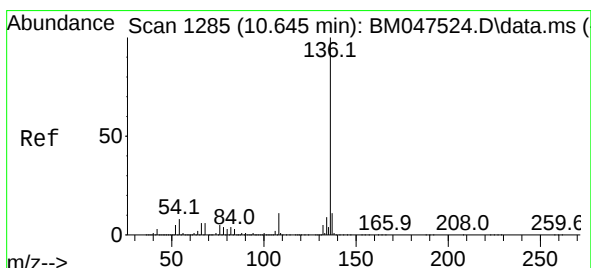
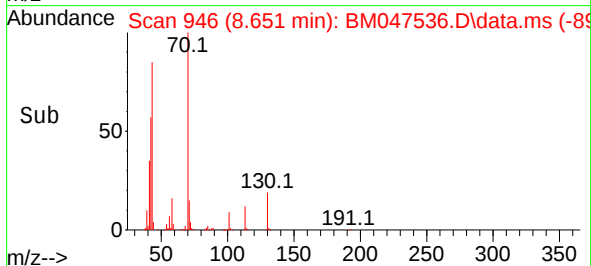
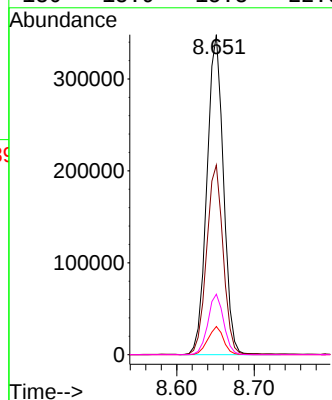
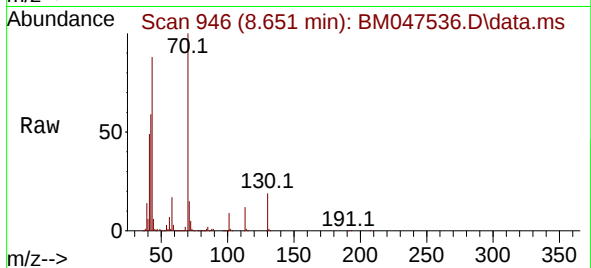
Ion Ratio Lower Upper

70 100

42 59.2 48.2 72.2

101 8.8 7.0 10.4

130 18.9 15.3 22.9



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.645 min Scan# 1285

Delta R.T. 0.000 min

Lab File: BM047536.D

Acq: 16 Sep 2024 16:12

Tgt Ion: 136 Resp: 1623265

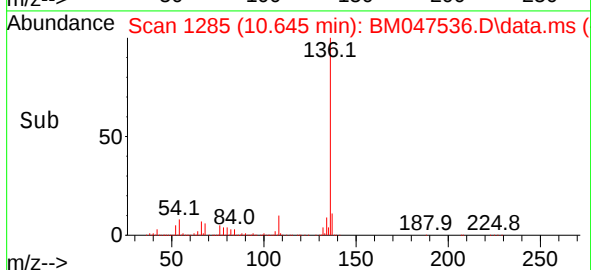
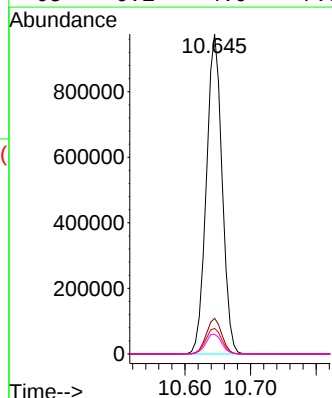
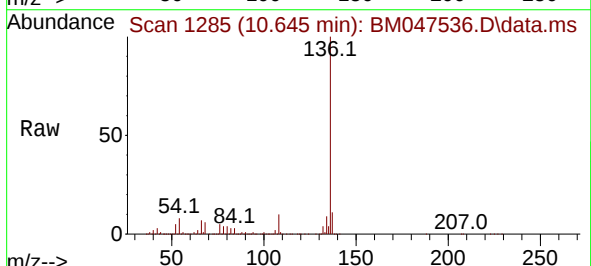
Ion Ratio Lower Upper

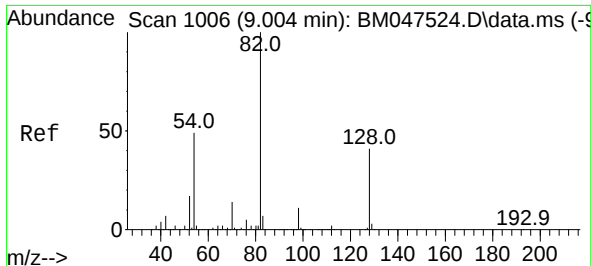
136 100

137 11.1 9.0 13.6

54 8.0 6.6 9.8

68 6.1 4.9 7.3





#23

Nitrobenzene-d5

Concen: 20.517 ng

RT: 8.998 min Scan# 1005

Delta R.T. -0.006 min

Lab File: BM047536.D

Acq: 16 Sep 2024 16:12

Instrument :

BNA_M

ClientSampleId :

PT-BN-WPDL

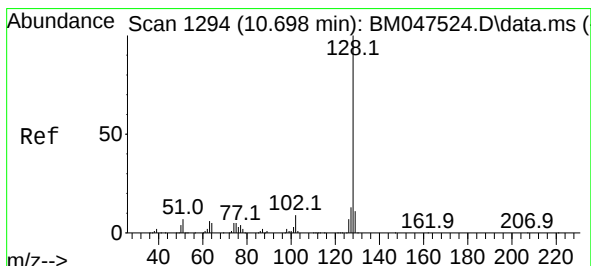
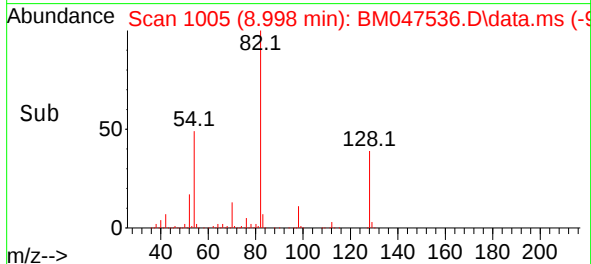
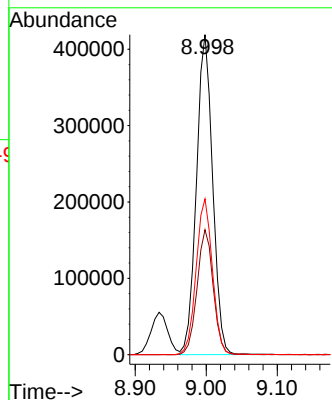
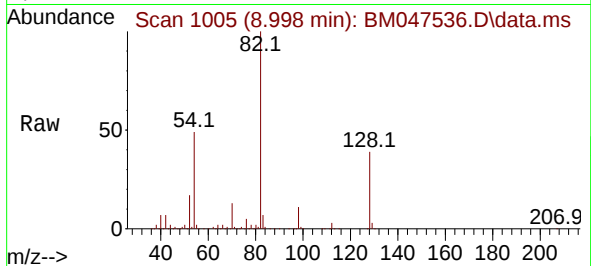
Tgt Ion: 82 Resp: 665465

Ion Ratio Lower Upper

82 100

128 39.0 33.0 49.4

54 48.7 39.3 58.9



#31

Naphthalene

Concen: 30.048 ng

RT: 10.692 min Scan# 1293

Delta R.T. -0.006 min

Lab File: BM047536.D

Acq: 16 Sep 2024 16:12

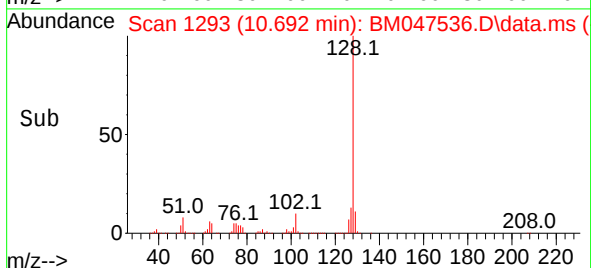
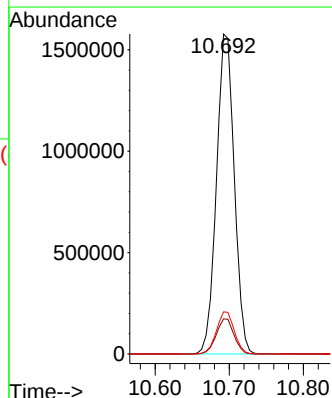
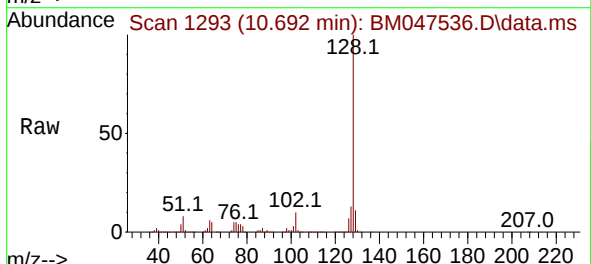
Tgt Ion: 128 Resp: 2634257

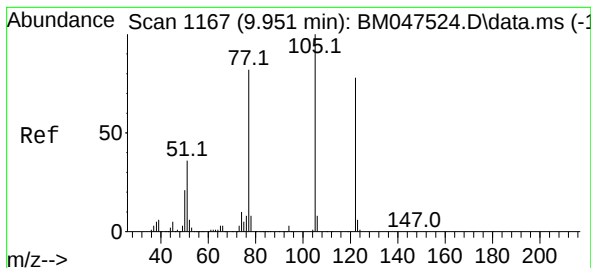
Ion Ratio Lower Upper

128 100

129 11.0 8.7 13.1

127 13.2 10.5 15.7





#32

Benzoic acid

Concen: 6.703 ng

RT: 9.833 min Scan# 1167

Delta R.T. -0.118 min

Lab File: BM047536.D

Acq: 16 Sep 2024 16:12

Instrument :

BNA_M

ClientSampleId :

PT-BN-WPDL

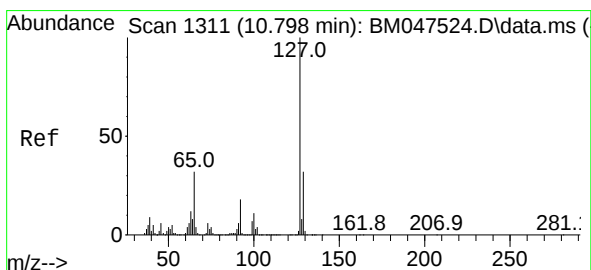
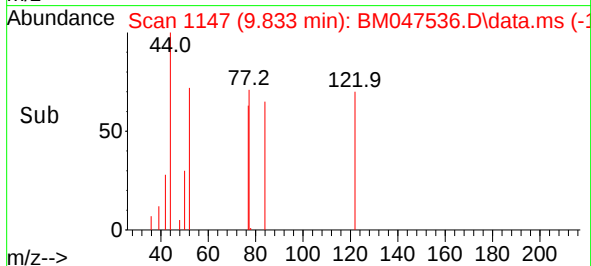
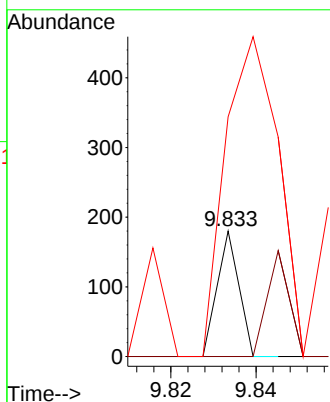
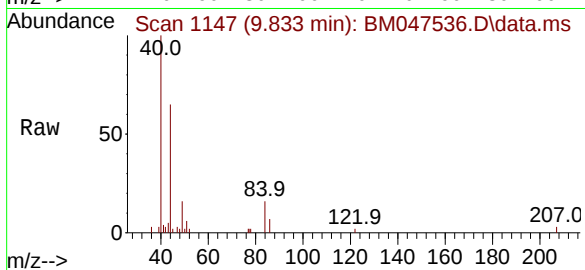
Tgt Ion:122 Resp: 64

Ion Ratio Lower Upper

122 100

105 0.0 104.7 144.7#

77 191.1 83.4 123.4#



#33

4-Chloroaniline

Concen: 10.957 ng

RT: 10.692 min Scan# 1293

Delta R.T. -0.106 min

Lab File: BM047536.D

Acq: 16 Sep 2024 16:12

Tgt Ion:127 Resp: 347310

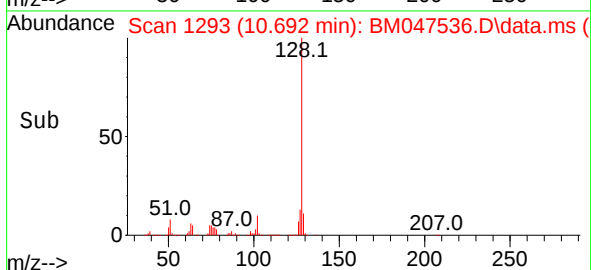
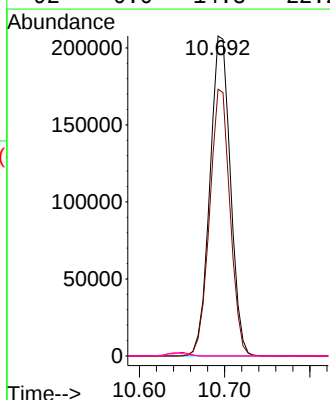
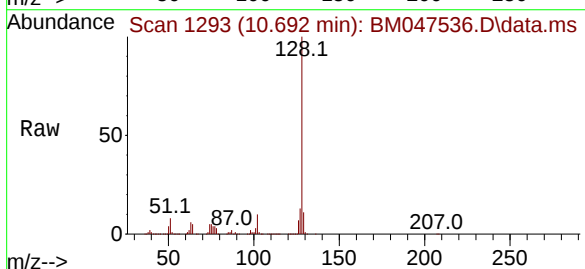
Ion Ratio Lower Upper

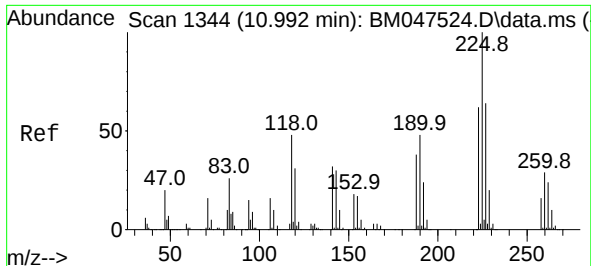
127 100

129 83.4 25.4 38.0#

65 0.0 25.5 38.3#

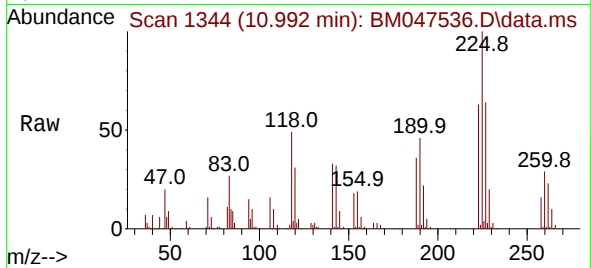
92 0.0 14.8 22.2#



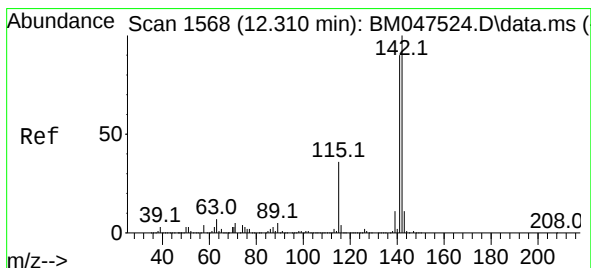
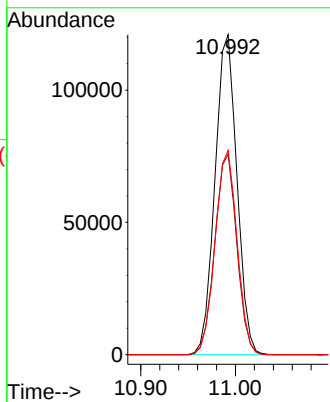
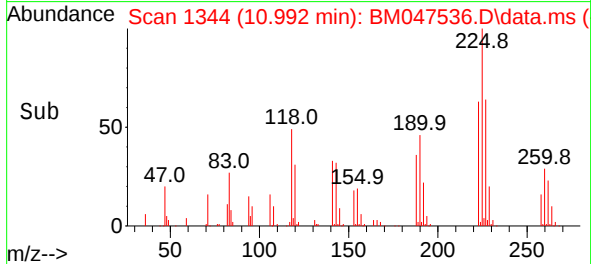


#34
Hexachlorobutadiene
Concen: 14.047 ng
RT: 10.992 min Scan# 1344
Delta R.T. 0.000 min
Lab File: BM047536.D
Acq: 16 Sep 2024 16:12

Instrument :
BNA_M
ClientSampleId :
PT-BN-WPDL

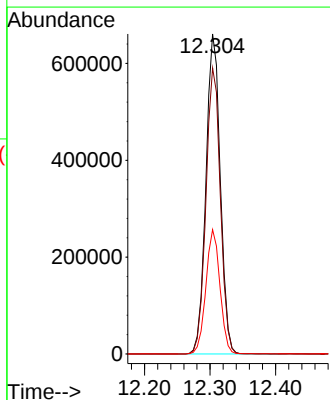
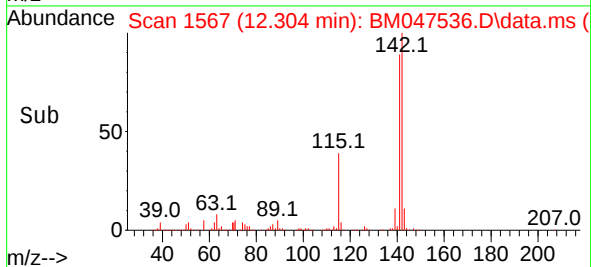
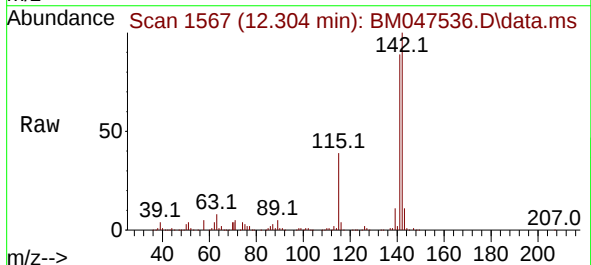


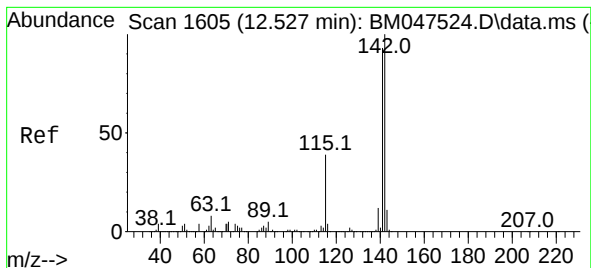
Tgt Ion:225 Resp: 194944
Ion Ratio Lower Upper
225 100
223 62.6 49.8 74.6
227 63.9 51.0 76.4



#37
2-Methylnaphthalene
Concen: 17.227 ng
RT: 12.304 min Scan# 1567
Delta R.T. -0.006 min
Lab File: BM047536.D
Acq: 16 Sep 2024 16:12

Tgt Ion:142 Resp: 1005200
Ion Ratio Lower Upper
142 100
141 89.3 72.2 108.4
115 38.9 29.1 43.7





#38

1-Methylnaphthalene

Concen: 33.377 ng

RT: 12.527 min Scan# 1

Delta R.T. 0.000 min

Lab File: BM047536.D

Acq: 16 Sep 2024 16:12

Instrument :

BNA_M

ClientSampleId :

PT-BN-WPDL

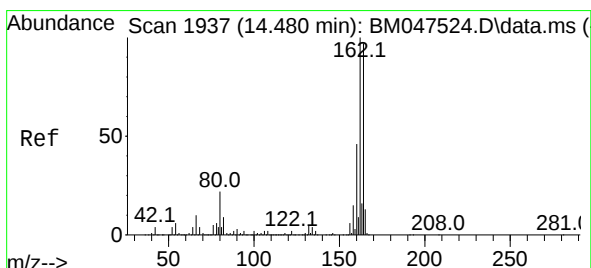
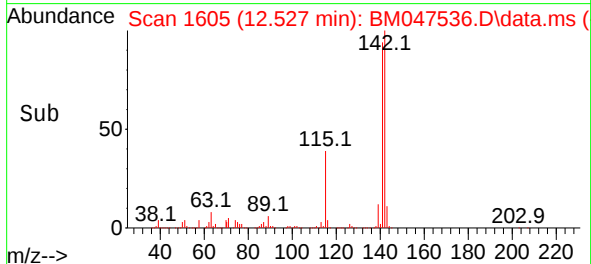
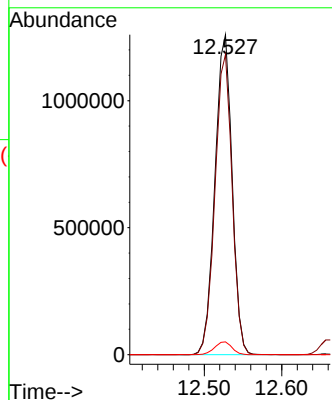
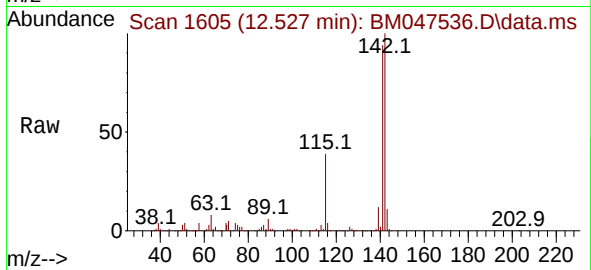
Tgt Ion:142 Resp: 1935401

Ion Ratio Lower Upper

142 100

141 93.8 74.7 112.1

116 4.0 3.2 4.8



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.480 min Scan# 1937

Delta R.T. 0.000 min

Lab File: BM047536.D

Acq: 16 Sep 2024 16:12

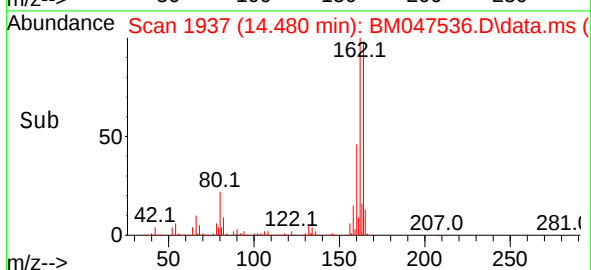
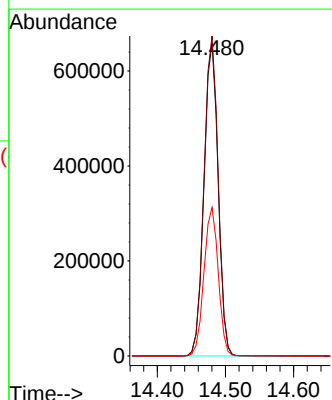
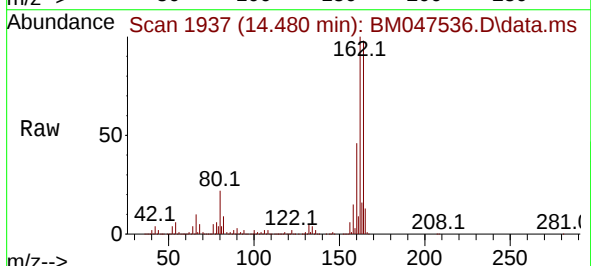
Tgt Ion:164 Resp: 949493

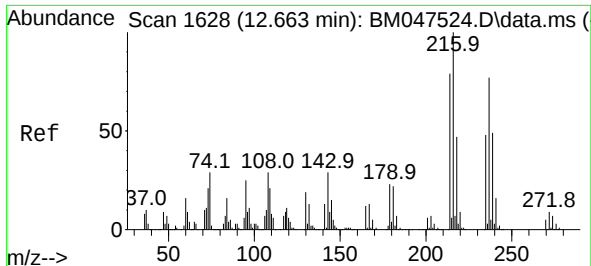
Ion Ratio Lower Upper

164 100

162 102.2 82.2 123.2

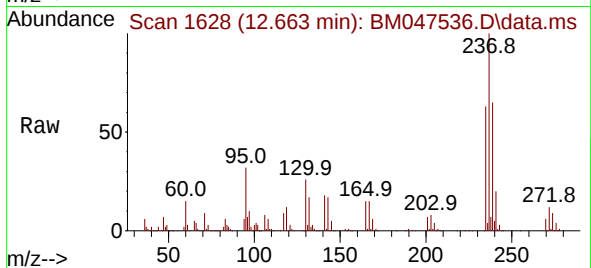
160 47.4 38.2 57.2



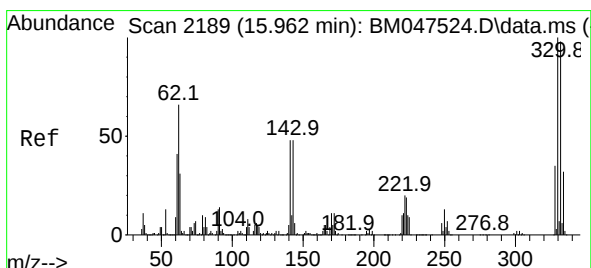
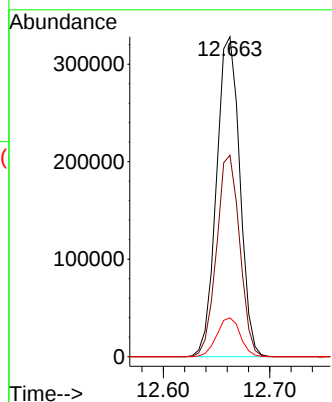
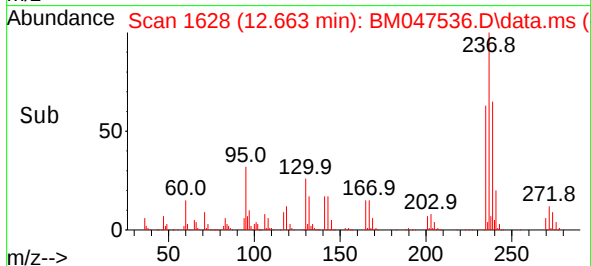


#41
Hexachlorocyclopentadiene
Concen: 59.352 ng
RT: 12.663 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM047536.D
Acq: 16 Sep 2024 16:12

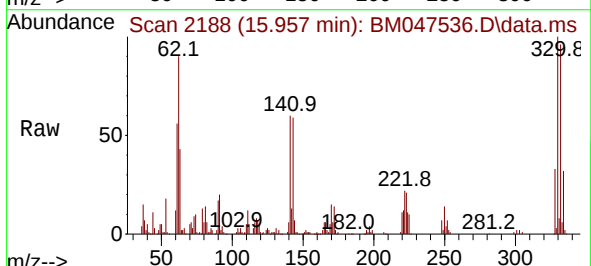
Instrument :
BNA_M
ClientSampleId :
PT-BN-WPDL



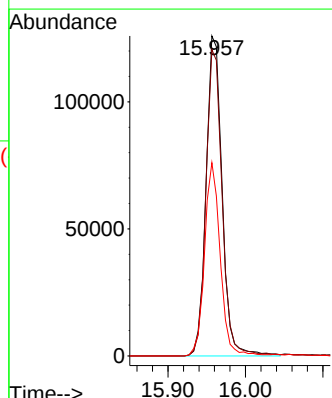
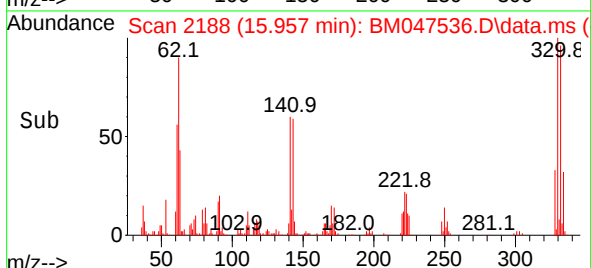
Tgt Ion:237 Resp: 498511
Ion Ratio Lower Upper
237 100
235 63.0 42.0 82.0
272 12.1 0.0 31.5

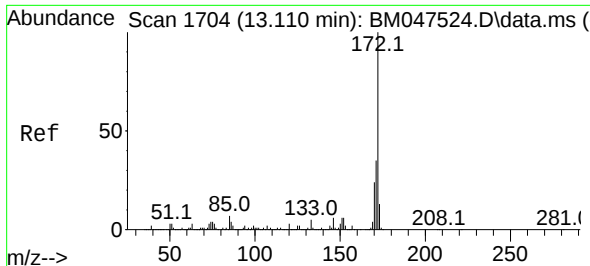


#42
2,4,6-Tribromophenol
Concen: 19.764 ng
RT: 15.957 min Scan# 2188
Delta R.T. -0.006 min
Lab File: BM047536.D
Acq: 16 Sep 2024 16:12



Tgt Ion:330 Resp: 181384
Ion Ratio Lower Upper
330 100
332 96.3 76.9 115.3
141 58.9 42.2 63.2





#45

2-Fluorobiphenyl

Concen: 18.945 ng

RT: 13.104 min Scan# 1

Delta R.T. -0.006 min

Lab File: BM047536.D

Acq: 16 Sep 2024 16:12

Instrument :

BNA_M

ClientSampleId :

PT-BN-WPDL

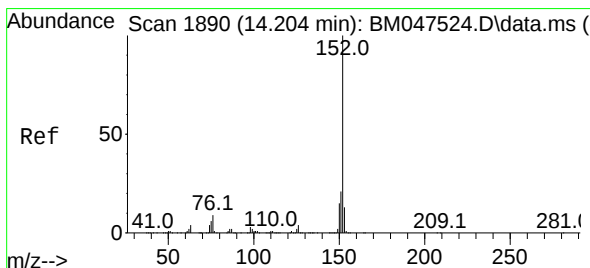
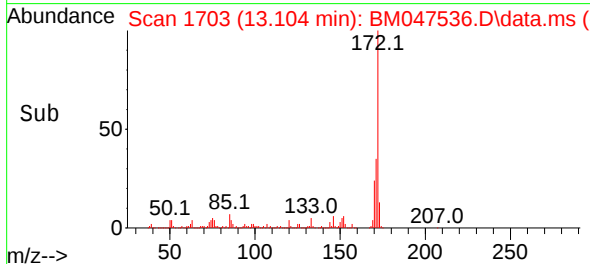
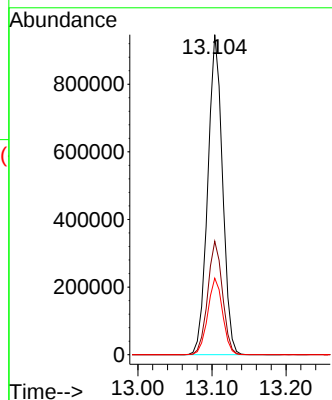
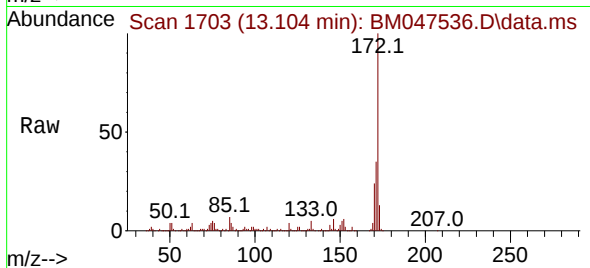
Tgt Ion:172 Resp: 1305866

Ion Ratio Lower Upper

172 100

171 35.5 28.2 42.2

170 23.9 19.4 29.0



#49

Acenaphthylene

Concen: 32.334 ng

RT: 14.198 min Scan# 1889

Delta R.T. -0.006 min

Lab File: BM047536.D

Acq: 16 Sep 2024 16:12

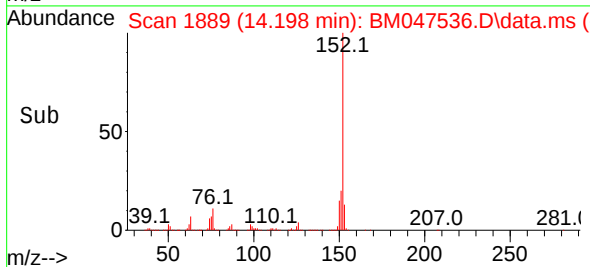
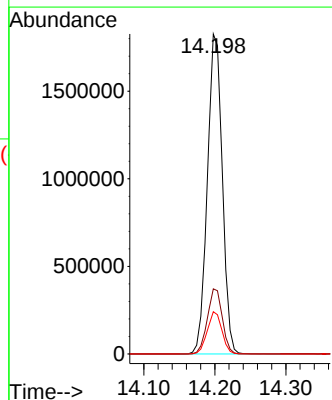
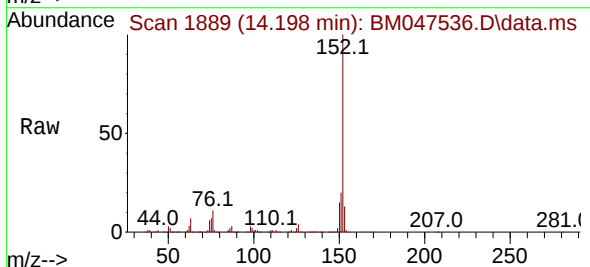
Tgt Ion:152 Resp: 2676589

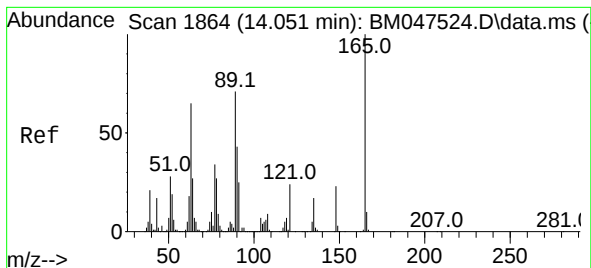
Ion Ratio Lower Upper

152 100

151 20.3 16.5 24.7

153 13.2 10.4 15.6





#51

2,6-Dinitrotoluene

Concen: 15.318 ng

RT: 14.045 min Scan# 1863

Delta R.T. -0.006 min

Lab File: BM047536.D

Acq: 16 Sep 2024 16:12

Instrument :

BNA_M

ClientSampleId :

PT-BN-WPDL

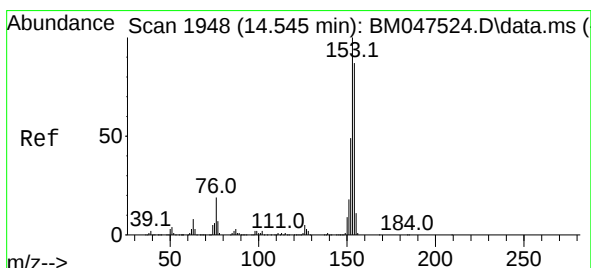
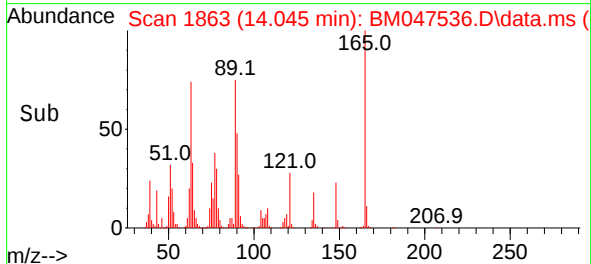
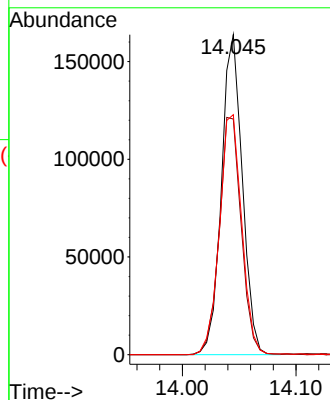
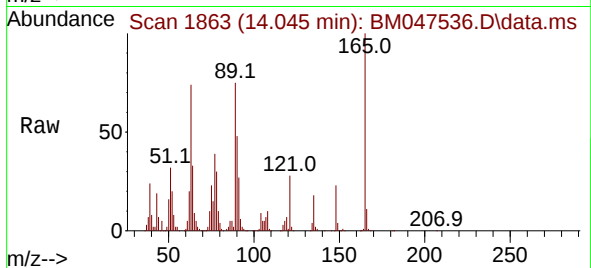
Tgt Ion:165 Resp: 209271

Ion Ratio Lower Upper

165 100

63 73.7 54.2 81.2

89 75.0 56.4 84.6



#52

Acenaphthene

Concen: 3.501 ng

RT: 14.539 min Scan# 1947

Delta R.T. -0.006 min

Lab File: BM047536.D

Acq: 16 Sep 2024 16:12

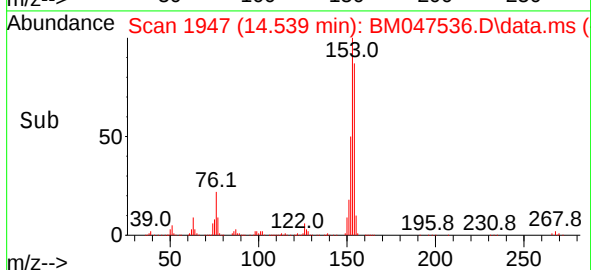
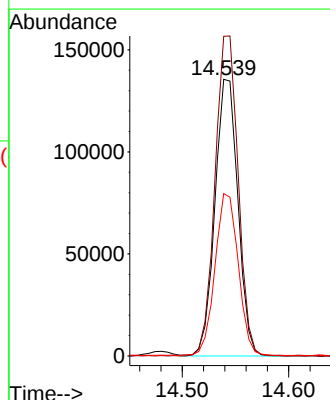
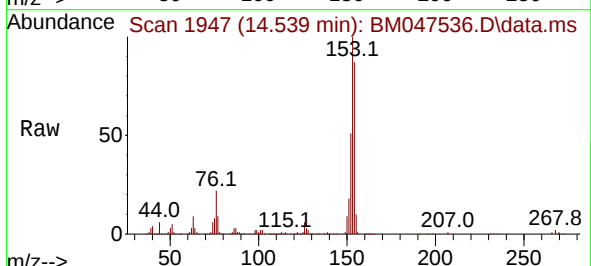
Tgt Ion:154 Resp: 203075

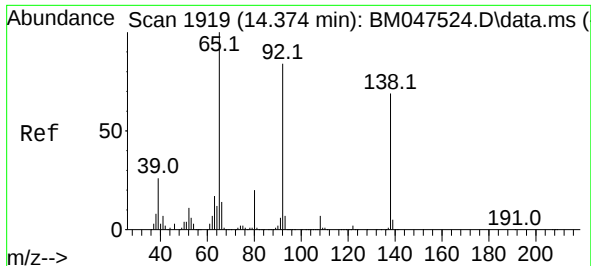
Ion Ratio Lower Upper

154 100

153 115.5 92.2 138.2

152 58.7 45.4 68.0





#53

3-Nitroaniline

Concen: 17.474 ng

RT: 14.368 min Scan# 1

Delta R.T. -0.006 min

Lab File: BM047536.D

Acq: 16 Sep 2024 16:12

Instrument :

BNA_M

ClientSampleId :

PT-BN-WPDL

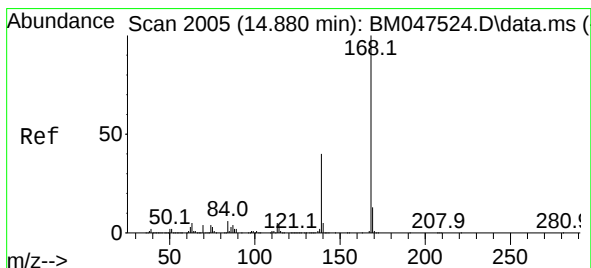
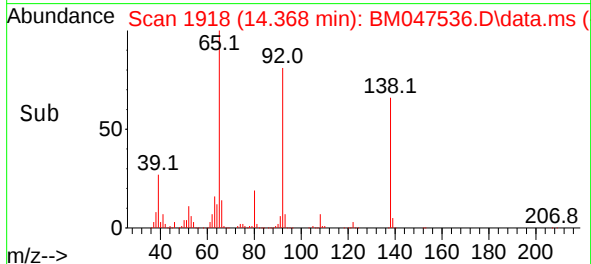
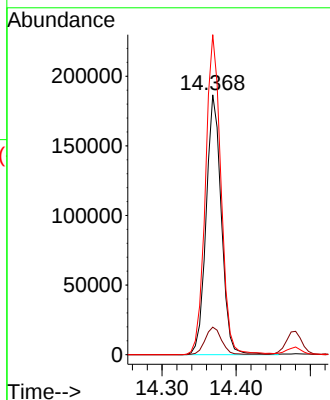
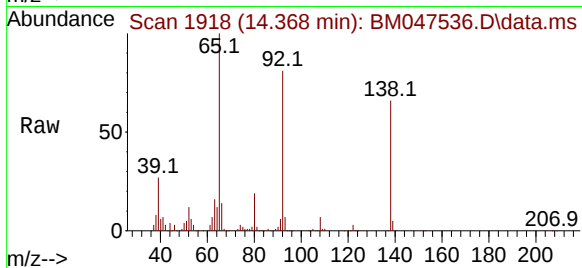
Tgt Ion:138 Resp: 265340

Ion Ratio Lower Upper

138 100

108 10.6 8.0 12.0

92 123.2 97.4 146.0



#55

Dibenzofuran

Concen: 11.236 ng

RT: 14.874 min Scan# 2004

Delta R.T. -0.006 min

Lab File: BM047536.D

Acq: 16 Sep 2024 16:12

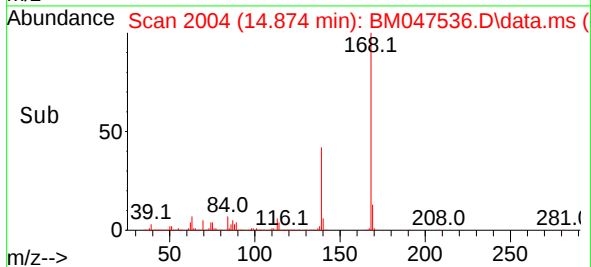
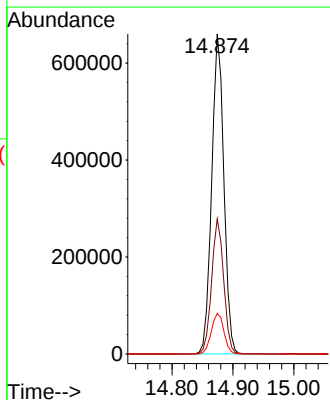
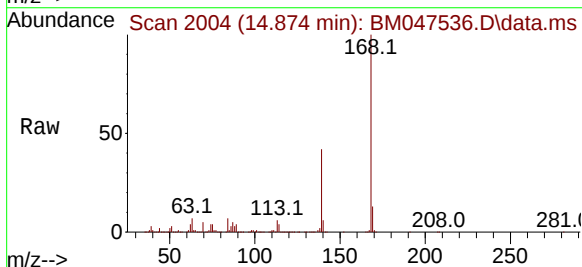
Tgt Ion:168 Resp: 915756

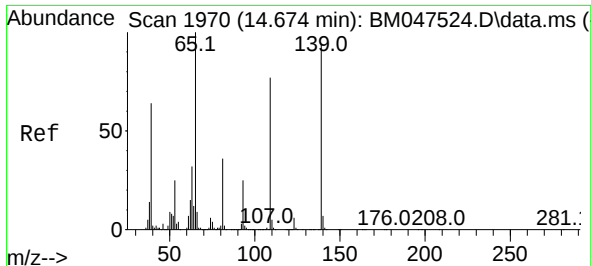
Ion Ratio Lower Upper

168 100

139 42.2 31.9 47.9

169 12.7 10.5 15.7

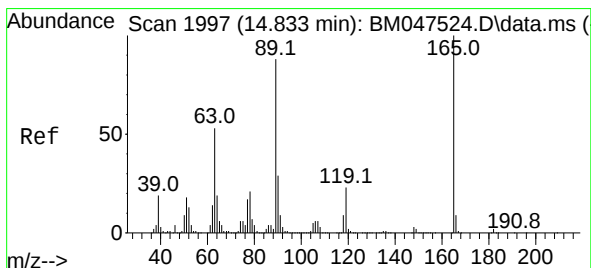
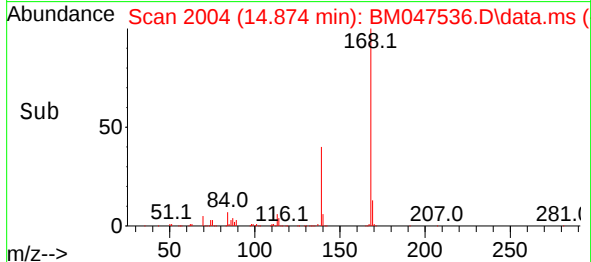
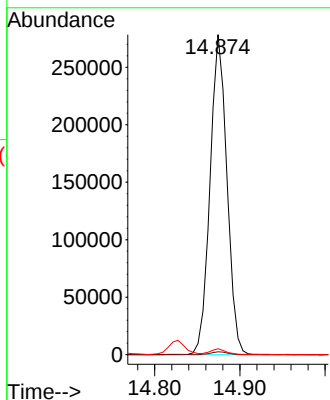
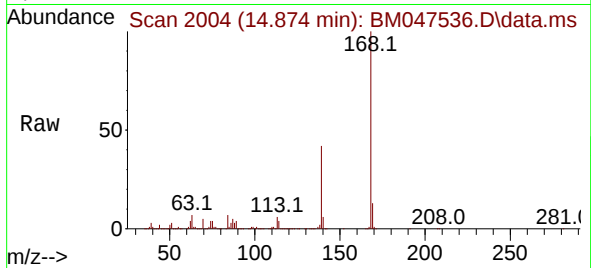




#56
4-Nitrophenol
Concen: 30.681 ng
RT: 14.874 min Scan# 2004
Delta R.T. 0.200 min
Lab File: BM047536.D
Acq: 16 Sep 2024 16:12

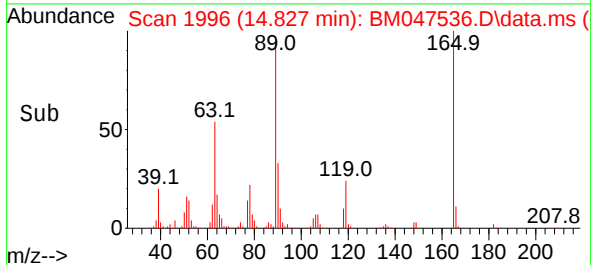
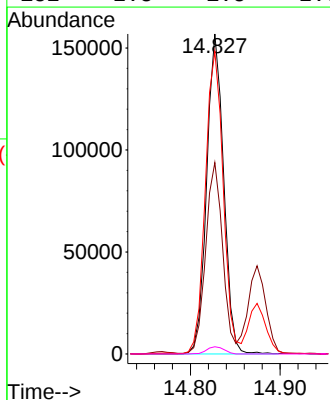
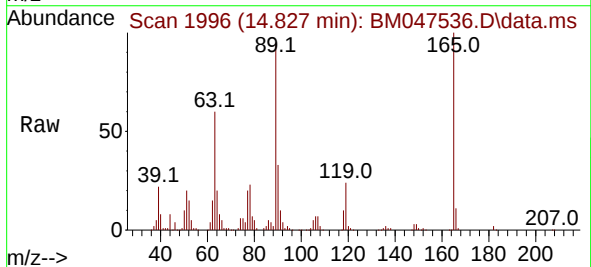
Instrument :
BNA_M
ClientSampleId :
PT-BN-WPDL

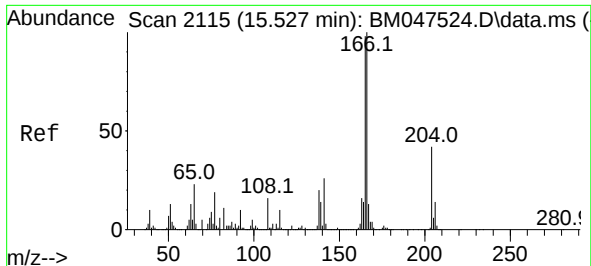
Tgt Ion:139 Resp: 383375
Ion Ratio Lower Upper
139 100
109 0.9 62.0 102.0#
65 1.8 87.0 127.0#



#57
2,4-Dinitrotoluene
Concen: 11.344 ng
RT: 14.827 min Scan# 1996
Delta R.T. -0.006 min
Lab File: BM047536.D
Acq: 16 Sep 2024 16:12

Tgt Ion:165 Resp: 206695
Ion Ratio Lower Upper
165 100
63 59.8 42.4 63.6
89 94.5 70.5 105.7
182 2.3 1.8 2.6

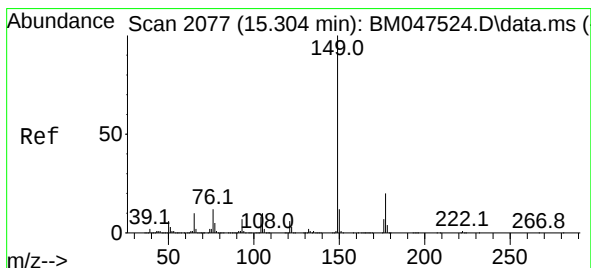
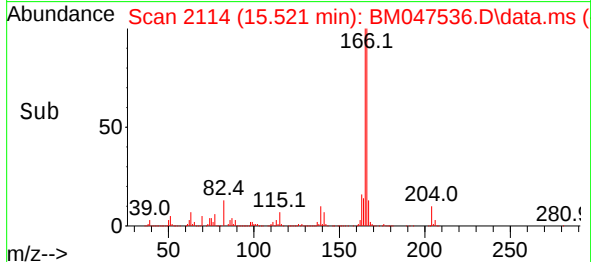
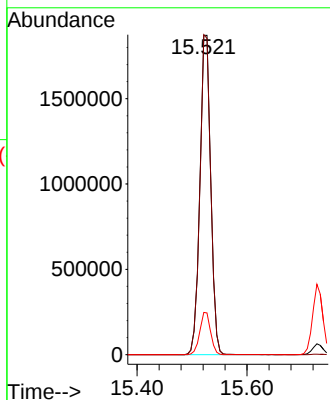
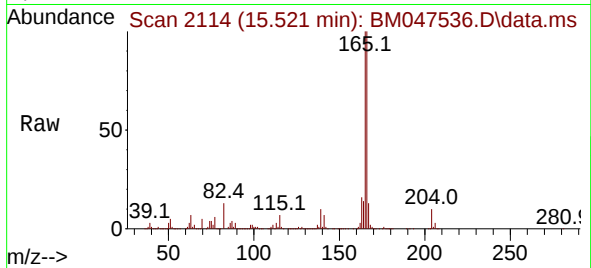




#58
Fluorene
Concen: 35.065 ng
RT: 15.521 min Scan# 2115
Delta R.T. -0.006 min
Lab File: BM047536.D
Acq: 16 Sep 2024 16:12

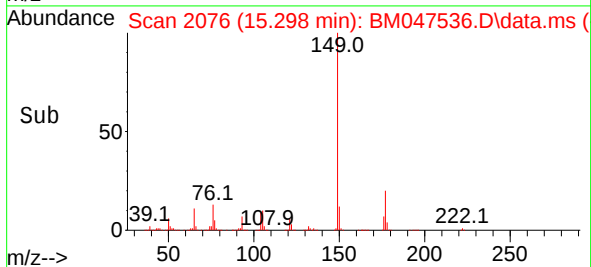
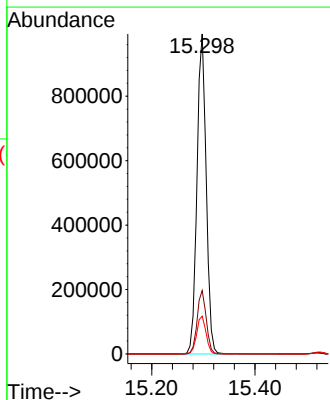
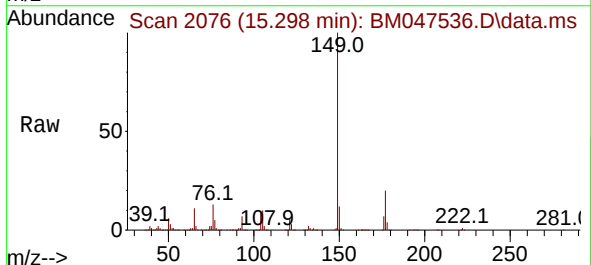
Instrument :
BNA_M
ClientSampleId :
PT-BN-WPDL

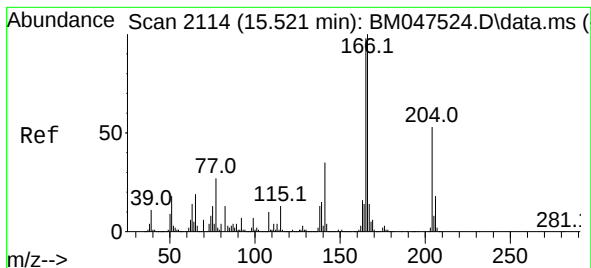
Tgt Ion:166 Resp: 2573022
Ion Ratio Lower Upper
166 100
165 100.2 78.6 117.8
167 13.2 10.7 16.1



#60
Diethylphthalate
Concen: 17.832 ng
RT: 15.298 min Scan# 2076
Delta R.T. -0.006 min
Lab File: BM047536.D
Acq: 16 Sep 2024 16:12

Tgt Ion:149 Resp: 1228185
Ion Ratio Lower Upper
149 100
177 19.8 15.8 23.8
150 11.8 9.7 14.5

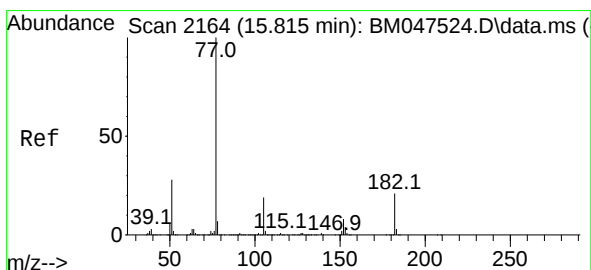
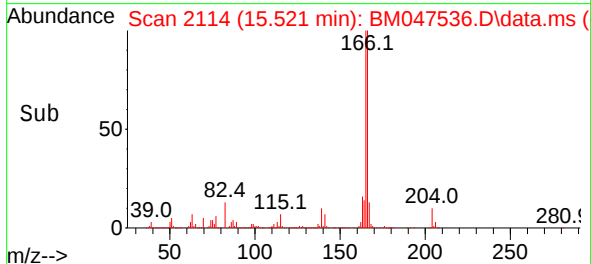
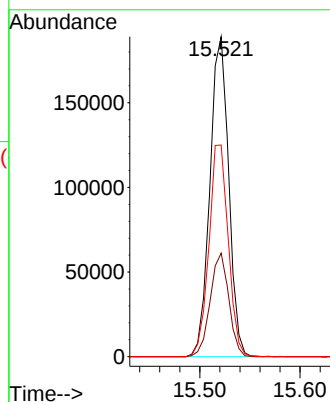
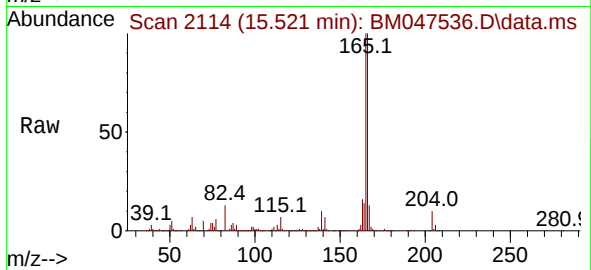




#61
4-Chlorophenyl-phenylether
Concen: 7.332 ng
RT: 15.521 min Scan# 2114
Delta R.T. 0.000 min
Lab File: BM047536.D
Acq: 16 Sep 2024 16:12

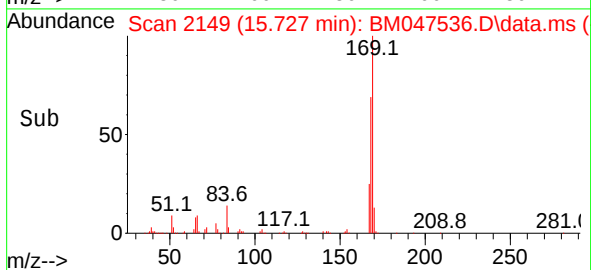
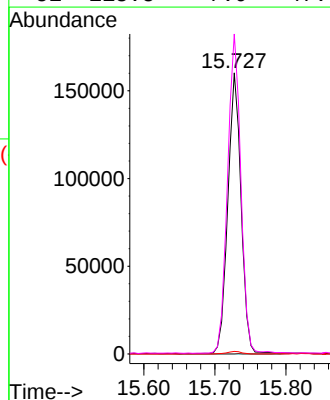
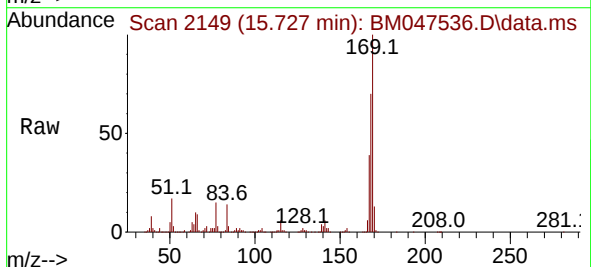
Instrument :
BNA_M
ClientSampleId :
PT-BN-WPDL

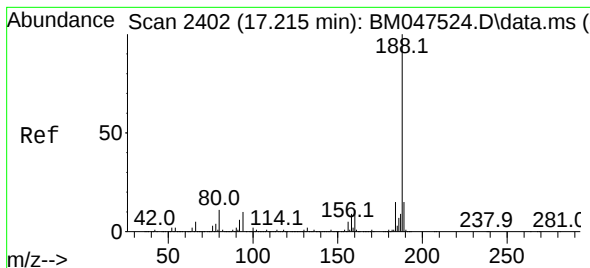
Tgt Ion: 204 Resp: 245994
Ion Ratio Lower Upper
204 100
206 32.3 26.5 39.7
141 66.2 52.1 78.1



#63
Azobenzene
Concen: 2.732 ng
RT: 15.727 min Scan# 2149
Delta R.T. -0.088 min
Lab File: BM047536.D
Acq: 16 Sep 2024 16:12

Tgt Ion: 77 Resp: 207175
Ion Ratio Lower Upper
77 100
182 0.0 1.2 41.2#
105 0.9 0.0 39.4
51 113.8 7.9 47.9#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.215 min Scan# 2402

Delta R.T. 0.000 min

Lab File: BM047536.D

Acq: 16 Sep 2024 16:12

Instrument :

BNA_M

ClientSampleId :

PT-BN-WPDL

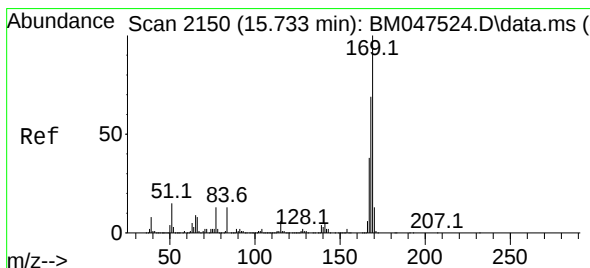
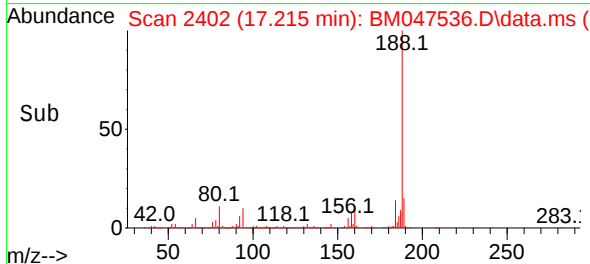
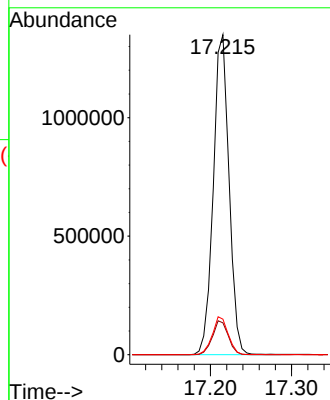
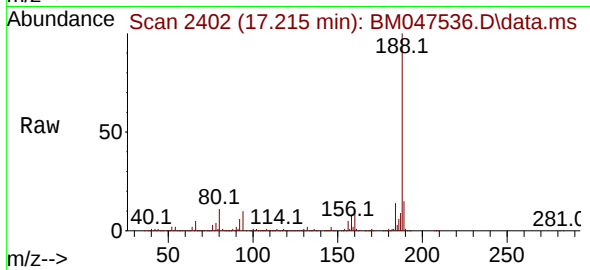
Tgt Ion:188 Resp: 1818864

Ion Ratio Lower Upper

188 100

94 10.0 8.4 12.6

80 11.1 9.1 13.7



#66

n-Nitrosodiphenylamine

Concen: 24.671 ng

RT: 15.727 min Scan# 2149

Delta R.T. -0.006 min

Lab File: BM047536.D

Acq: 16 Sep 2024 16:12

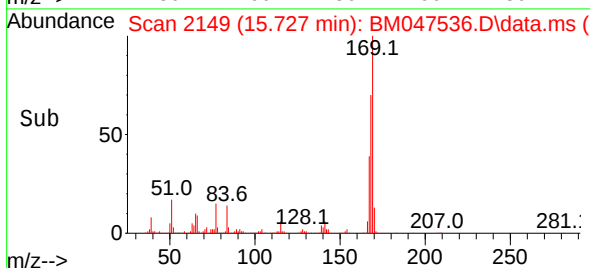
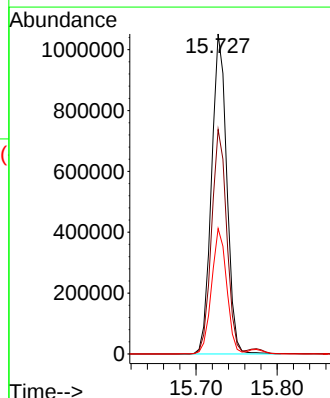
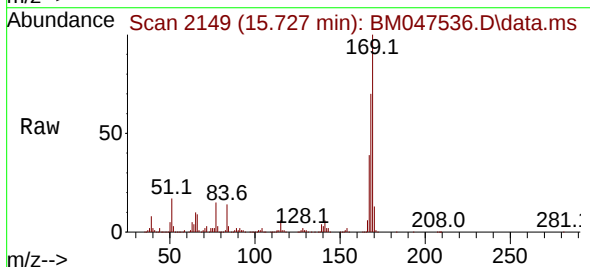
Tgt Ion:169 Resp: 1372755

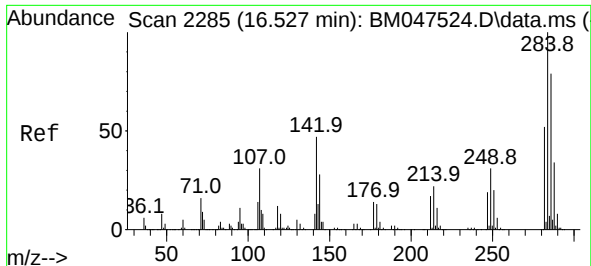
Ion Ratio Lower Upper

169 100

168 70.1 55.3 82.9

167 39.2 30.5 45.7

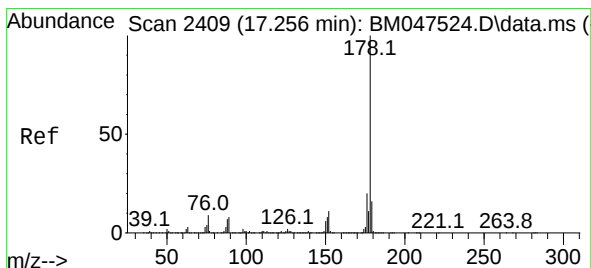
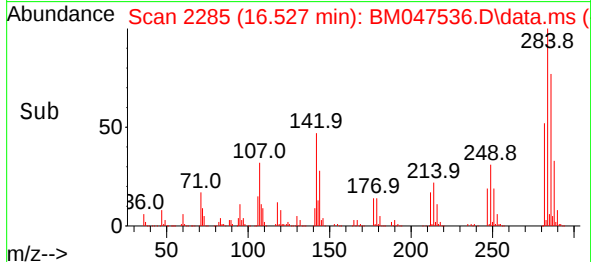
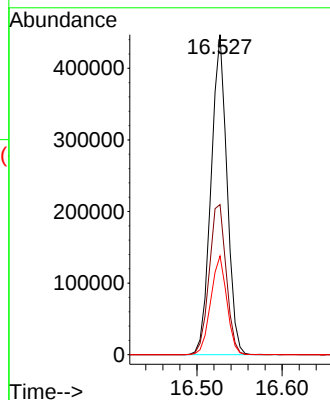
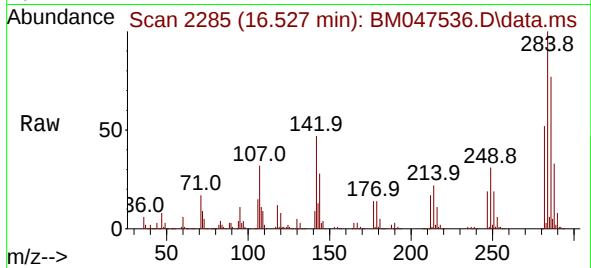




#68
Hexachlorobenzene
Concen: 28.987 ng
RT: 16.527 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM047536.D
Acq: 16 Sep 2024 16:12

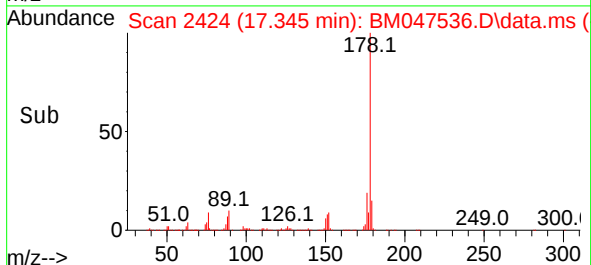
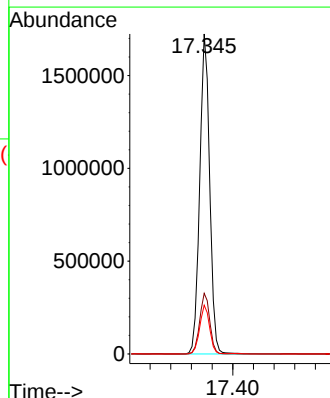
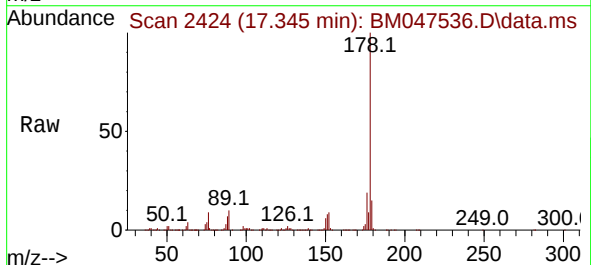
Instrument :
BNA_M
ClientSampleId :
PT-BN-WPDL

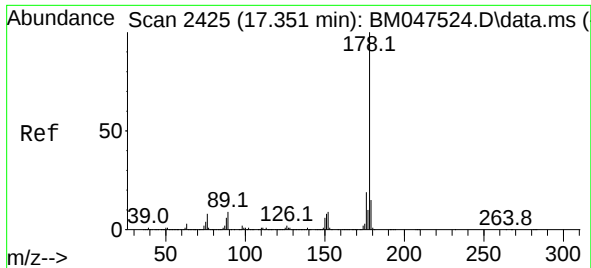
Tgt Ion:284 Resp: 580365
Ion Ratio Lower Upper
284 100
142 46.9 37.3 55.9
249 30.8 24.5 36.7



#71
Phenanthrene
Concen: 22.942 ng
RT: 17.345 min Scan# 2424
Delta R.T. 0.088 min
Lab File: BM047536.D
Acq: 16 Sep 2024 16:12

Tgt Ion:178 Resp: 2299599
Ion Ratio Lower Upper
178 100
176 19.0 16.0 24.0
179 15.3 12.4 18.6

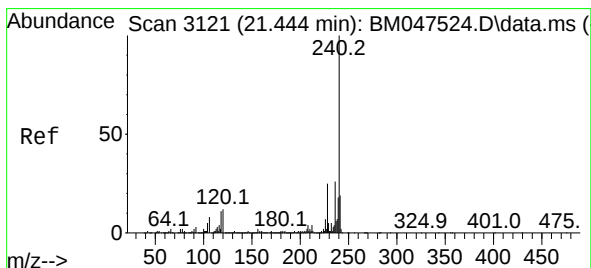
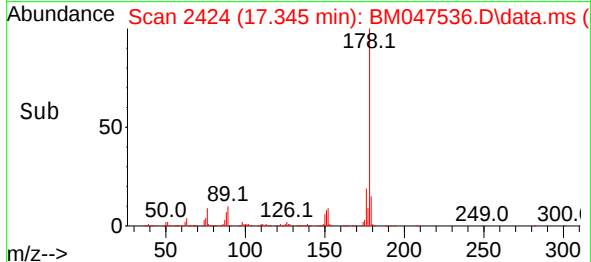
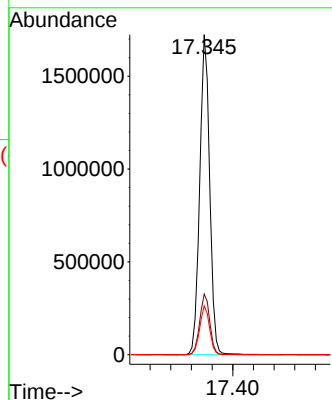
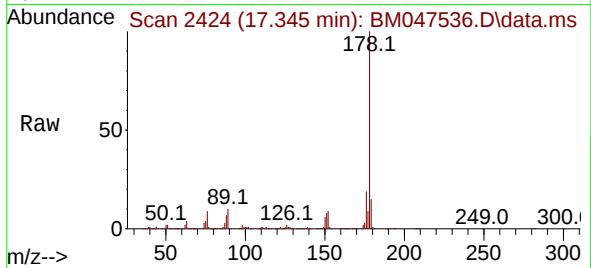




#72
Anthracene
Concen: 23.878 ng
RT: 17.345 min Scan# 2425
Delta R.T. -0.006 min
Lab File: BM047536.D
Acq: 16 Sep 2024 16:12

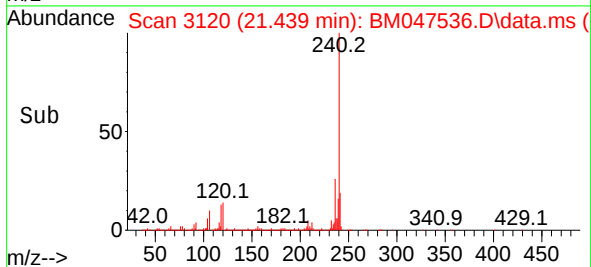
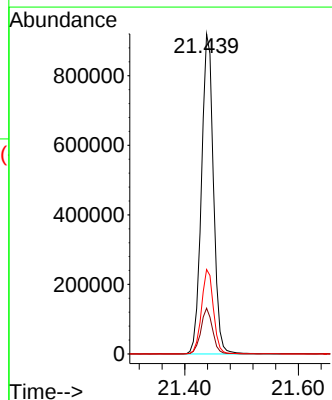
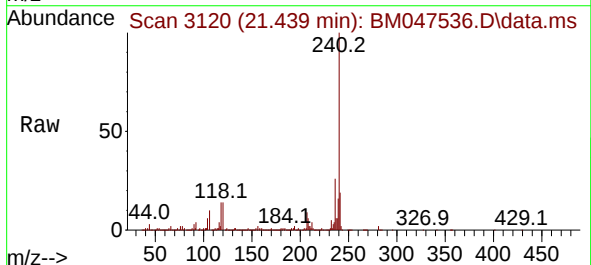
Instrument :
BNA_M
ClientSampleId :
PT-BN-WPDL

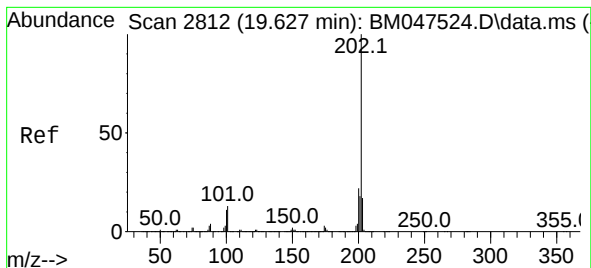
Tgt Ion:178 Resp: 2299599
Ion Ratio Lower Upper
178 100
176 19.0 15.4 23.0
179 15.3 12.3 18.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.439 min Scan# 3120
Delta R.T. -0.005 min
Lab File: BM047536.D
Acq: 16 Sep 2024 16:12

Tgt Ion:240 Resp: 1347119
Ion Ratio Lower Upper
240 100
120 14.3 9.6 14.4
236 26.4 20.9 31.3





#78

Pyrene

Concen: 6.236 ng

RT: 19.621 min Scan# 2

Delta R.T. -0.006 min

Lab File: BM047536.D

Acq: 16 Sep 2024 16:12

Instrument :

BNA_M

ClientSampleId :

PT-BN-WPDL

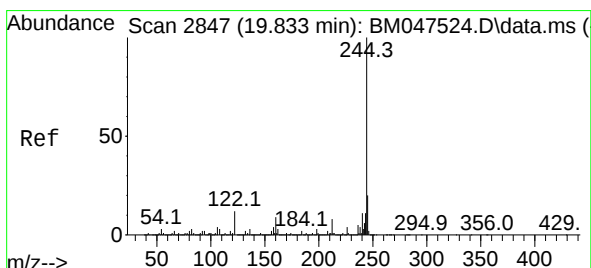
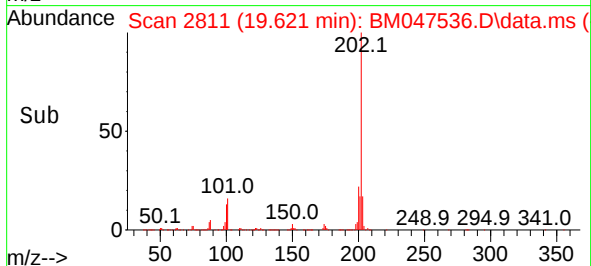
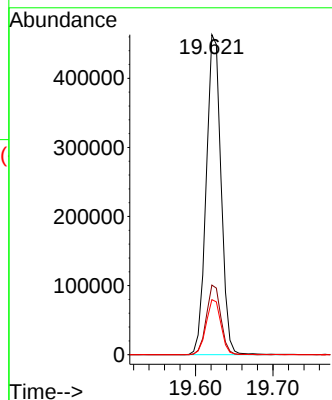
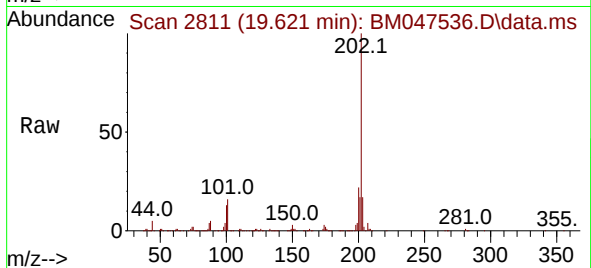
Tgt Ion:202 Resp: 612806

Ion Ratio Lower Upper

202 100

200 21.8 17.2 25.8

203 17.2 14.0 21.0



#79

Terphenyl-d14

Concen: 23.717 ng

RT: 19.827 min Scan# 2846

Delta R.T. -0.006 min

Lab File: BM047536.D

Acq: 16 Sep 2024 16:12

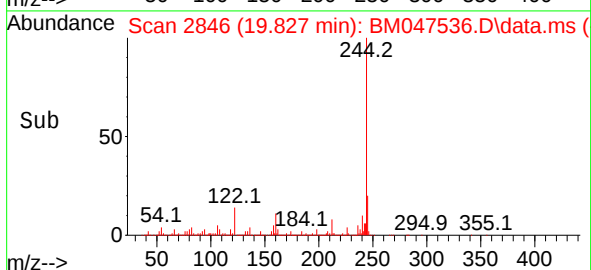
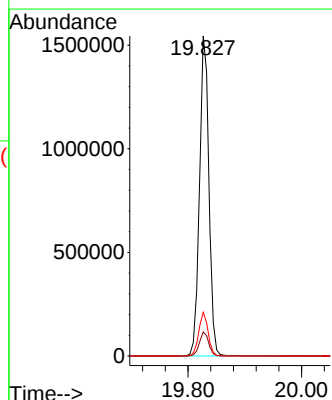
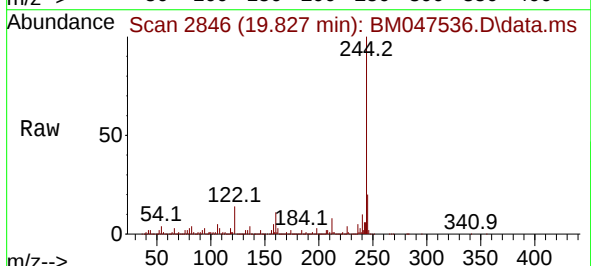
Tgt Ion:244 Resp: 1782974

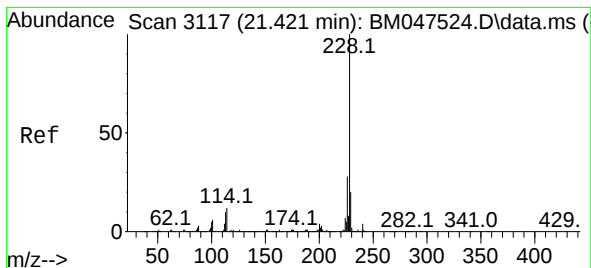
Ion Ratio Lower Upper

244 100

212 7.5 6.2 9.2

122 13.7 9.6 14.4





#81

Benzo(a)anthracene

Concen: 28.006 ng

RT: 21.486 min Scan# 3117

Delta R.T. 0.065 min

Lab File: BM047536.D

Acq: 16 Sep 2024 16:12

Instrument :

BNA_M

ClientSampleId :

PT-BN-WPDL

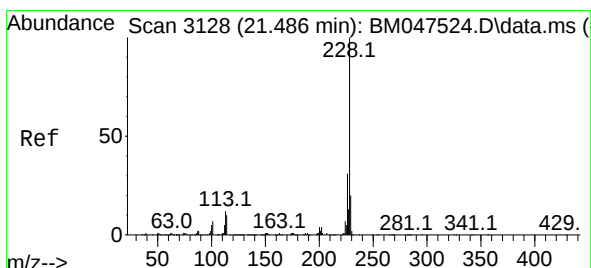
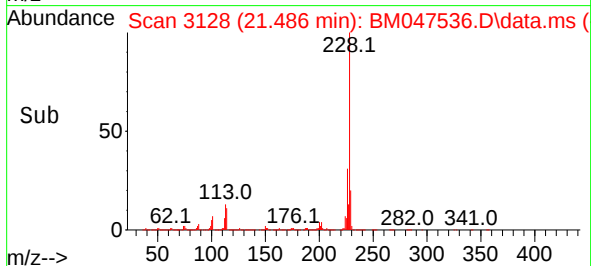
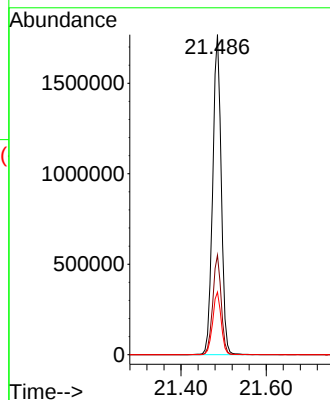
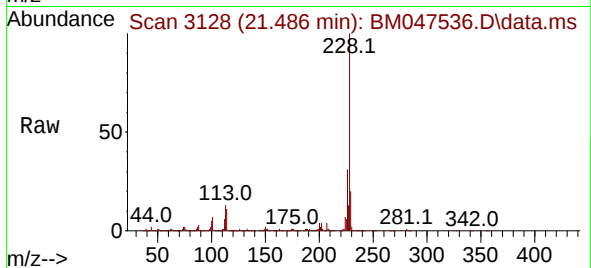
Tgt Ion:228 Resp: 2459118

Ion Ratio Lower Upper

228 100

226 31.1 22.4 33.6

229 19.5 16.0 24.0



#83

Chrysene

Concen: 29.609 ng

RT: 21.486 min Scan# 3128

Delta R.T. 0.000 min

Lab File: BM047536.D

Acq: 16 Sep 2024 16:12

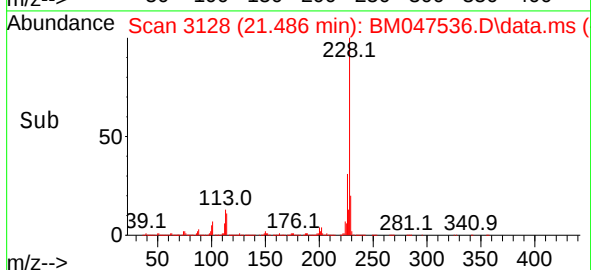
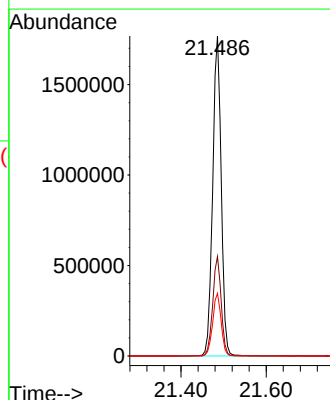
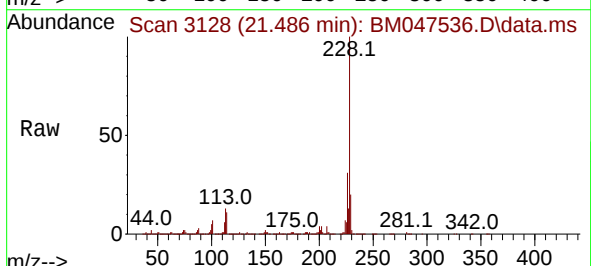
Tgt Ion:228 Resp: 2459118

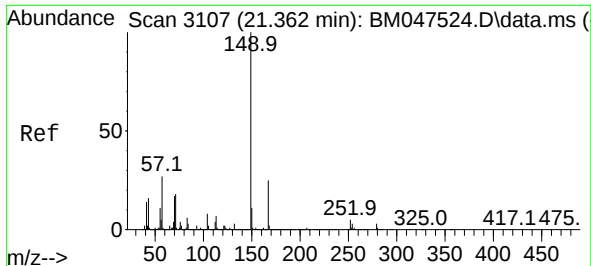
Ion Ratio Lower Upper

228 100

226 31.1 25.0 37.6

229 19.5 15.9 23.9

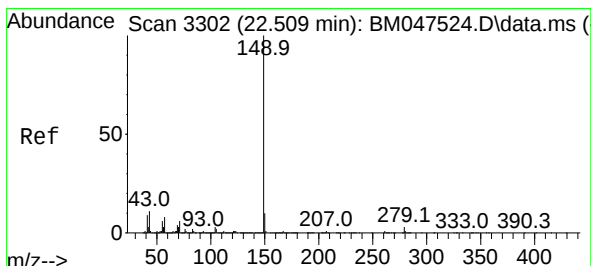
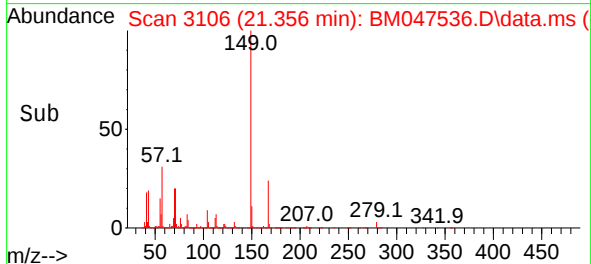
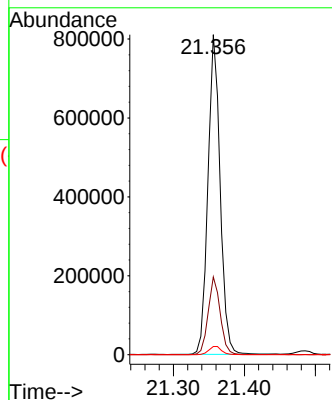
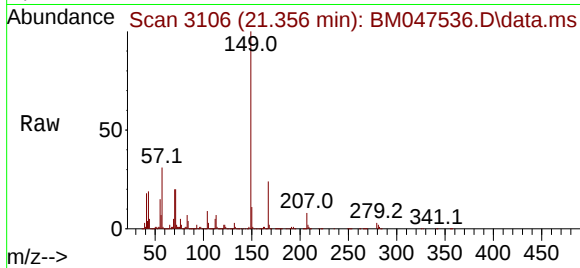




#84
 Bis(2-ethylhexyl)phthalate
 Concen: 16.349 ng
 RT: 21.356 min Scan# 3107
 Delta R.T. -0.006 min
 Lab File: BM047536.D
 Acq: 16 Sep 2024 16:12

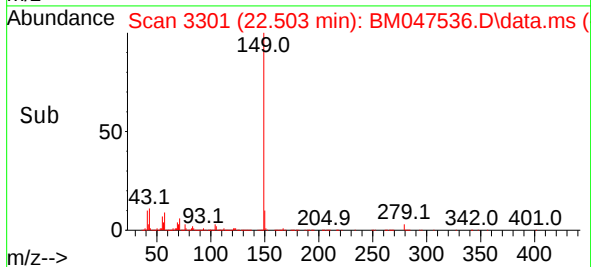
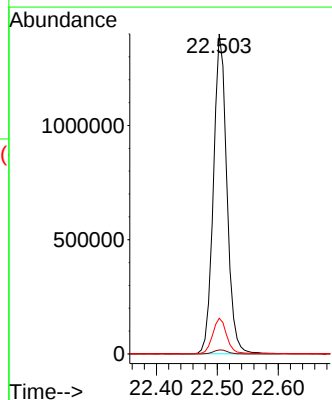
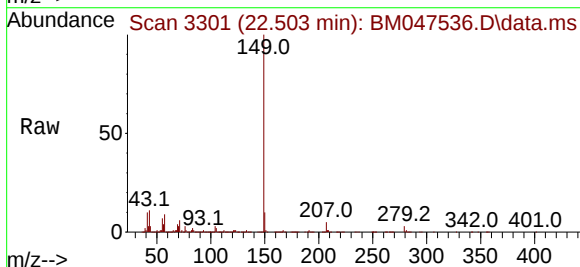
Instrument :
 BNA_M
 ClientSampleId :
 PT-BN-WPDL

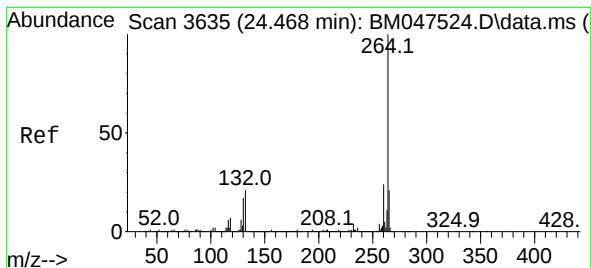
Tgt Ion:149 Resp: 968770
 Ion Ratio Lower Upper
 149 100
 167 24.3 20.2 30.4
 279 2.6 2.6 4.0#



#85
 Di-n-octyl phthalate
 Concen: 25.619 ng
 RT: 22.503 min Scan# 3301
 Delta R.T. -0.006 min
 Lab File: BM047536.D
 Acq: 16 Sep 2024 16:12

Tgt Ion:149 Resp: 2147339
 Ion Ratio Lower Upper
 149 100
 167 1.4 1.1 1.7
 43 11.8 8.9 13.3





#86

Perylene-d12

Concen: 20.000 ng

RT: 24.468 min Scan# 3

Delta R.T. 0.000 min

Lab File: BM047536.D

Acq: 16 Sep 2024 16:12

Instrument :

BNA_M

ClientSampleId :

PT-BN-WPDL

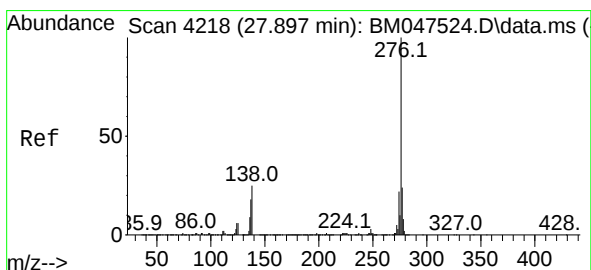
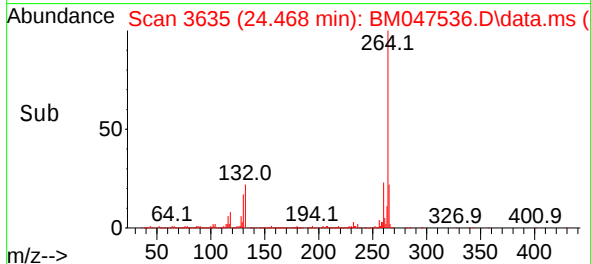
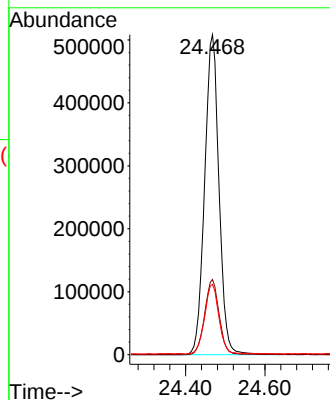
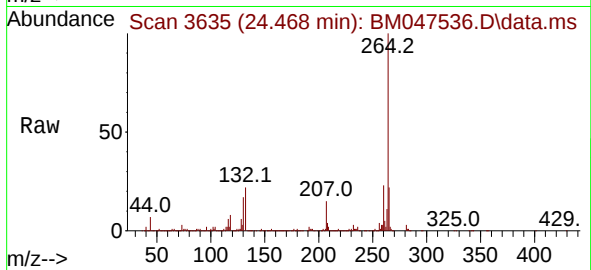
Tgt Ion:264 Resp: 1275889

Ion Ratio Lower Upper

264 100

260 23.5 18.9 28.3

265 21.9 17.4 26.2



#87

Indeno(1,2,3-cd)pyrene

Concen: 21.132 ng

RT: 27.879 min Scan# 4215

Delta R.T. -0.018 min

Lab File: BM047536.D

Acq: 16 Sep 2024 16:12

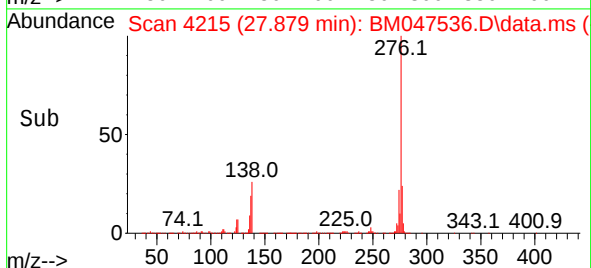
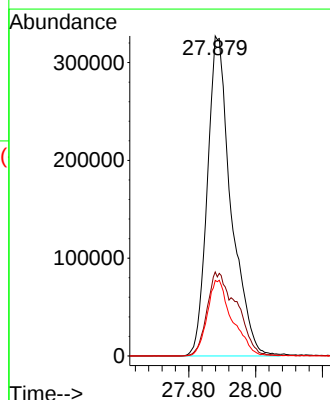
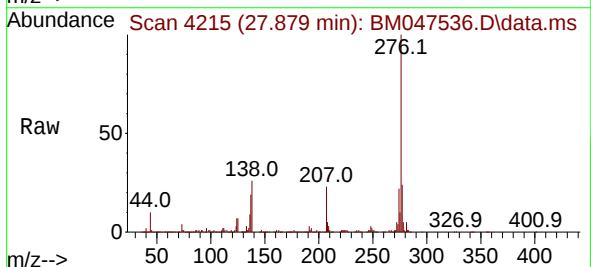
Tgt Ion:276 Resp: 1613527

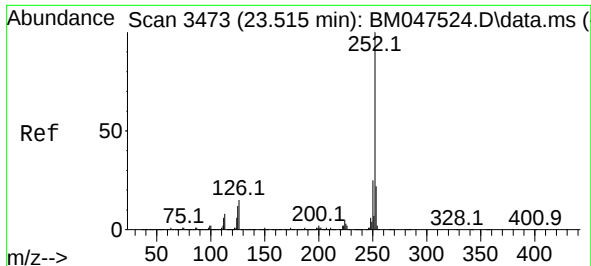
Ion Ratio Lower Upper

276 100

138 32.8 25.0 37.6

277 25.0 20.1 30.1

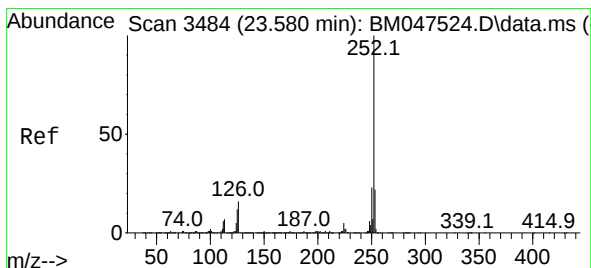
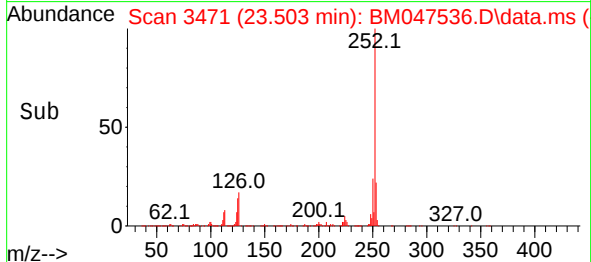
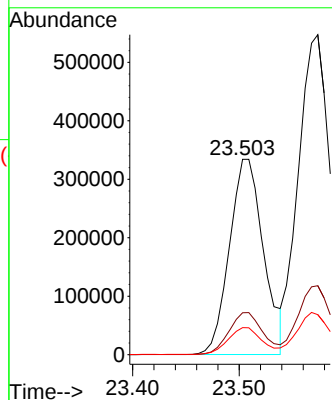
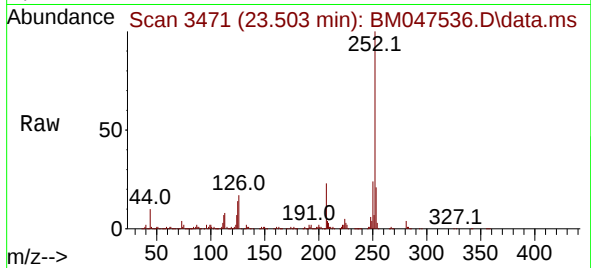




#88
Benzo(b)fluoranthene
Concen: 9.017 ng
RT: 23.503 min Scan# 3473
Delta R.T. -0.012 min
Lab File: BM047536.D
Acq: 16 Sep 2024 16:12

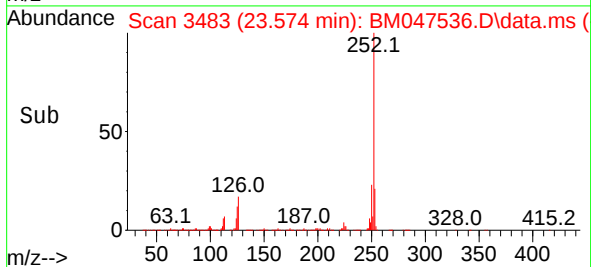
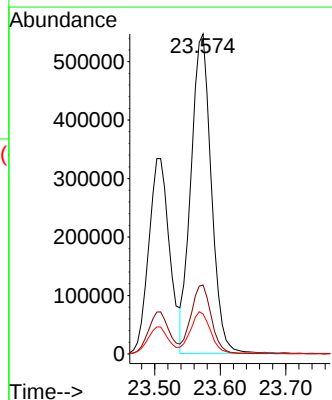
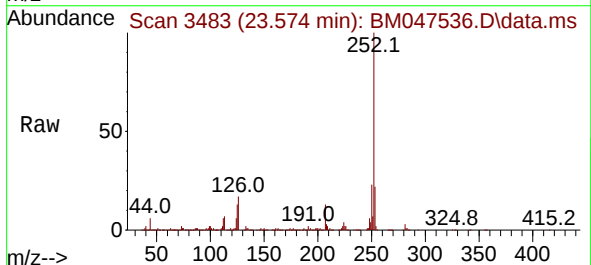
Instrument :
BNA_M
ClientSampleId :
PT-BN-WPDL

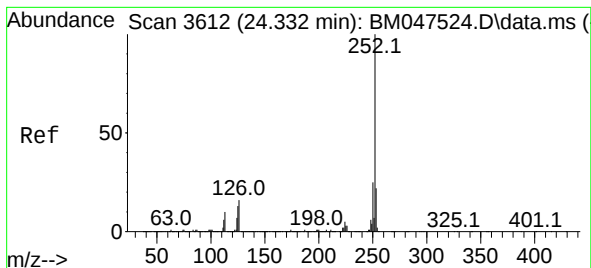
Tgt Ion:252 Resp: 744359
Ion Ratio Lower Upper
252 100
253 21.5 17.8 26.8
125 13.8 9.5 14.3



#89
Benzo(k)fluoranthene
Concen: 14.345 ng
RT: 23.574 min Scan# 3483
Delta R.T. -0.006 min
Lab File: BM047536.D
Acq: 16 Sep 2024 16:12

Tgt Ion:252 Resp: 1173640
Ion Ratio Lower Upper
252 100
253 21.5 17.8 26.6
125 12.5 9.5 14.3





#90

Benzo(a)pyrene

Concen: 14.873 ng

RT: 24.321 min Scan# 3

Delta R.T. -0.012 min

Lab File: BM047536.D

Acq: 16 Sep 2024 16:12

Instrument :

BNA_M

ClientSampleId :

PT-BN-WPDL

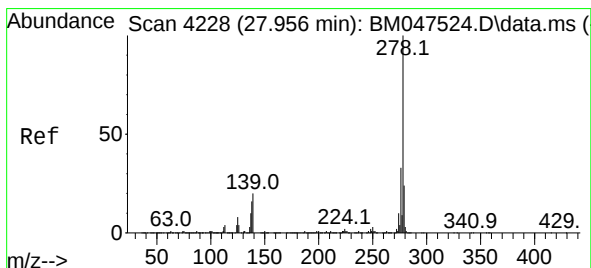
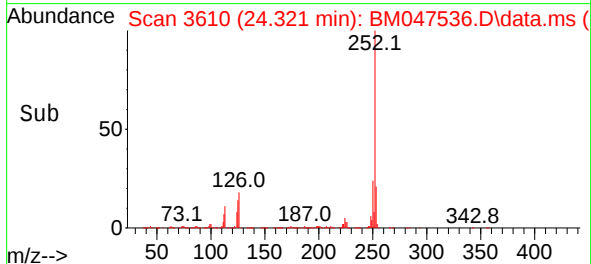
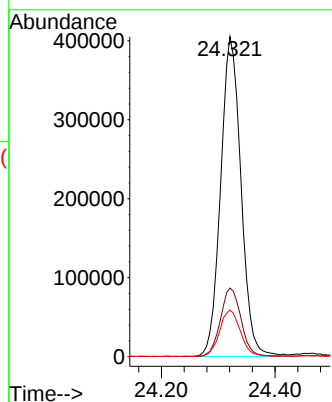
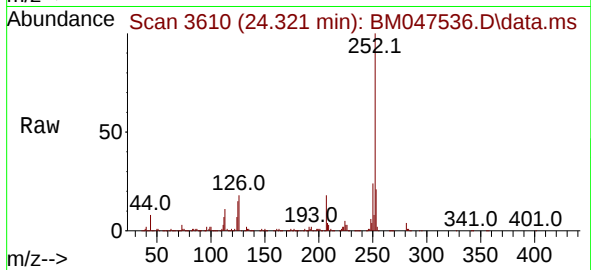
Tgt Ion:252 Resp: 1006301

Ion Ratio Lower Upper

252 100

253 21.4 17.7 26.5

125 14.6 10.2 15.4



#91

Dibenzo(a,h)anthracene

Concen: 18.734 ng

RT: 27.950 min Scan# 4227

Delta R.T. -0.006 min

Lab File: BM047536.D

Acq: 16 Sep 2024 16:12

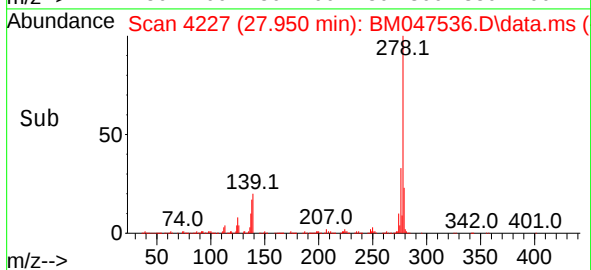
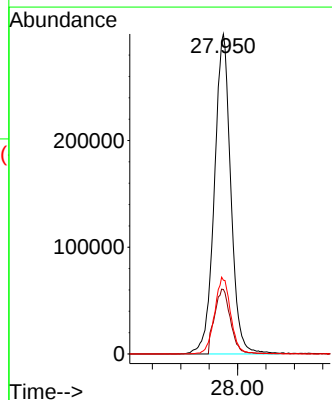
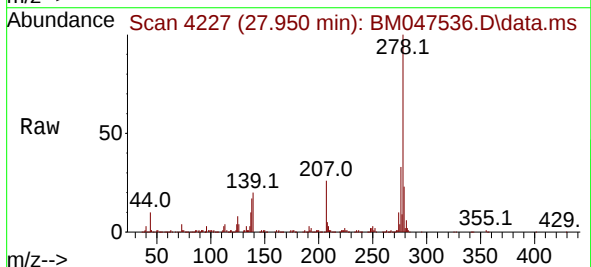
Tgt Ion:278 Resp: 1203491

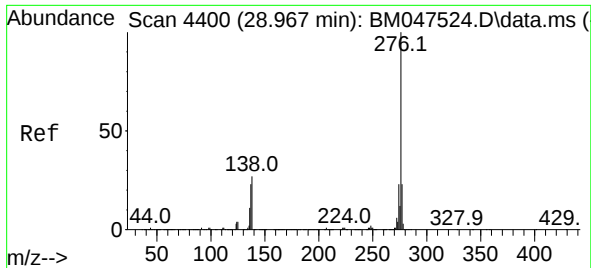
Ion Ratio Lower Upper

278 100

139 20.1 15.9 23.9

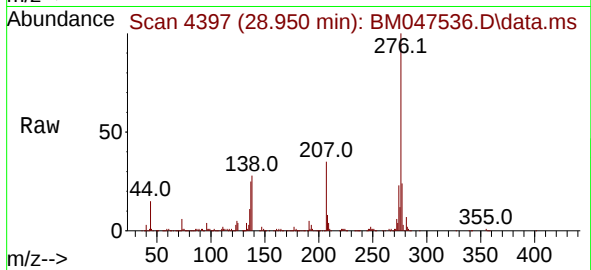
279 23.1 19.3 28.9





#92
Benzo(g,h,i)perylene
Concen: 15.207 ng
RT: 28.950 min Scan# 41
Delta R.T. -0.018 min
Lab File: BM047536.D
Acq: 16 Sep 2024 16:12

Instrument :
BNA_M
ClientSampleId :
PT-BN-WPDL



Tgt Ion:276 Resp: 954289
Ion Ratio Lower Upper
276 100
277 23.6 18.6 28.0
138 28.2 21.5 32.3

