

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM111323\
 Data File : BM042730.D
 Acq On : 14 Nov 2023 10:51
 Operator : MA/JU
 Sample : 05016-06
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4A88

Quant Time: Nov 14 15:10:13 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM111323.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Nov 14 00:02:28 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.839	152	24127	20.000	ng/u1	0.00
20) Naphthalene-d8	10.645	136	94242	20.000	ng/u1	-0.01
38) Acenaphthene-d10	14.492	164	57609	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.245	188	128362	20.000	ng/u1	0.00
79) Chrysene-d12	21.427	240	151285	20.000	ng/u1	0.00
88) Perylene-d12	23.791	264	173758	20.000	ng/u1	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.181	96	4337	5.640	ng/uL	0.00
4) Pyridine-d5	3.622	84	52204	27.294	ng/u1	0.00
7) Phenol-d5	7.004	99	76169	32.438	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.181	67	56386	34.173	ng/u1	0.00
11) 2-Chlorophenol-d4	7.357	132	56330	31.089	ng/u1	0.00
15) 4-Methylphenol-d8	8.557	113	47486	25.684	ng/u1	0.00
21) Nitrobenzene-d5	9.033	128	24258	29.359	ng/u1	0.00
24) 2-Nitrophenol-d4	9.745	143	28819	29.815	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.275	165	54098	30.100	ng/u1	0.00
31) 4-Chloroaniline-d4	10.833	131	25426	11.142	ng/u1	0.00
46) Dimethylphthalate-d6	13.916	166	164339	30.141	ng/u1	0.00
49) Acenaphthylene-d8	14.192	160	185716	31.835	ng/u1	0.00
54) 4-Nitrophenol-d4	14.757	143	8381	13.606	ng/u1	0.01
60) Fluorene-d10	15.486	176	137261	30.401	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.633	200	27847	28.640	ng/u1	0.00
73) Anthracene-d10	17.345	188	214731	29.850	ng/u1	0.00
81) Pyrene-d10	19.639	212	298785	30.160	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.638	264	327625	31.522	ng/u1	-0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.222	88	4603	5.621	ng/uL#	79
6) Benzaldehyde	6.998	77	71902	53.370	ng/u1	94
10) Bis(2-Chloroethyl)ether	7.275	93	118400	61.368	ng/u1	94
17) N-Nitroso-di-n-propyla...	8.651	70	37166	19.638	ng/u1	99
22) Nitrobenzene	9.081	77	26615	10.658	ng/u1	96
25) 2-Nitrophenol	9.780	139	20682	21.060	ng/u1	95
29) 2,4-Dichlorophenol	10.298	162	39204	23.039	ng/u1	95
30) Naphthalene	10.698	128	67281	11.396	ng/u1	98
33) Hexachlorobutadiene	10.922	225	37979	25.267	ng/u1	95
36) 2-Methylnaphthalene	12.310	142	84606	21.381	ng/u1	99
37) 1-Methylnaphthalene	12.527	142	136070	32.706	ng/u1	99
39) 1,2,4,5-Tetrachloroben...	12.663	216	25461	11.269	ng/u1	98
40) Hexachlorocyclopentadiene	12.604	237	38730	36.208	ng/u1	91
41) 2,4,6-Trichlorophenol	12.927	196	53551	38.804	ng/u1	95
43) 1,1'-Biphenyl	13.327	154	233992	48.704	ng/u1	99
44) 2-Chloronaphthalene	13.374	162	42858	11.089	ng/u1	97
48) 2,6-Dinitrotoluene	14.110	165	38123	38.211	ng/u1	92
50) Acenaphthylene	14.221	152	99905	15.284	ng/u1	99
52) Acenaphthene	14.557	153	49430	11.181	ng/u1	100
53) 2,4-Dinitrophenol	14.663	184	22885	46.132	ng/u1	93
56) Dibenzofuran	14.892	168	68802	11.213	ng/u1	97
61) Fluorene	15.539	166	61718	11.847	ng/u1	98
62) 4-Chlorophenyl-phenyle...	15.533	204	50251	17.899	ng/u1	95
66) 4,6-Dinitro-2-methylph...	15.645	198	48257	48.750	ng/u1	98

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

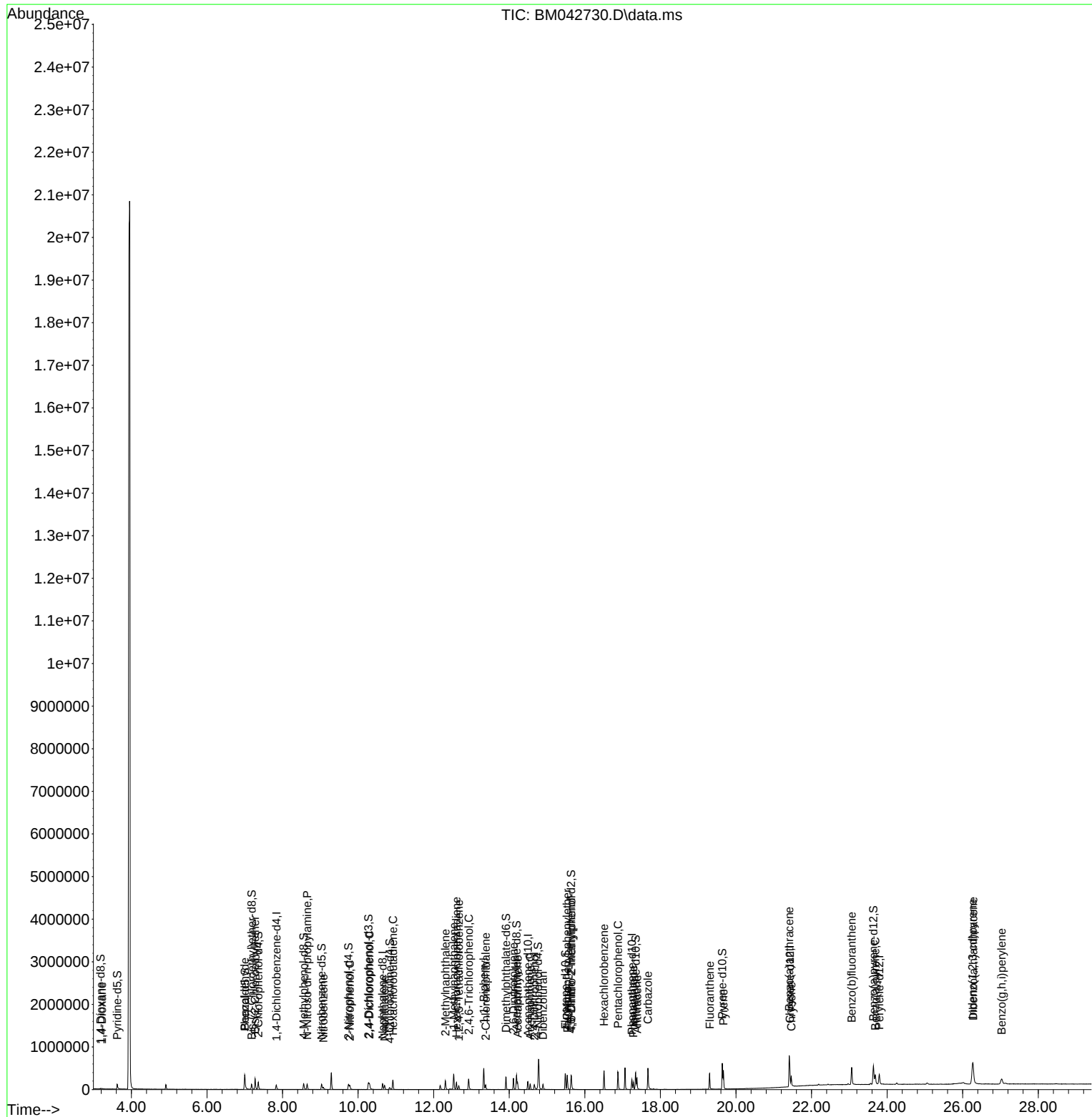
69) Hexachlorobenzene	16.509	284	77518	37.112	ng/u1	96
71) Pentachlorophenol	16.880	266	68271	56.761	ng/u1	97
72) Phenanthrene	17.286	178	92120	11.488	ng/u1	99
74) Anthracene	17.380	178	153757	19.062	ng/u1	98
77) Carbazole	17.668	167	328726	49.356	ng/u1	100
80) Fluoranthene	19.303	202	231907	20.531	ng/u1	99
82) Pyrene	19.668	202	242888	20.280	ng/u1	99
85) Benzo(a)anthracene	21.409	228	344076	28.973	ng/u1	100
87) Chrysene	21.462	228	123154	10.693	ng/u1	99
90) Benzo(b)fluoranthene	23.062	252	289400	24.405	ng/u1#	98
93) Benzo(a)pyrene	23.685	252	161575	13.983	ng/u1	98
94) Indeno(1,2,3-cd)pyrene	26.262	276	452139	31.485	ng/u1	99
95) Dibenzo(a,h)anthracene	26.279	278	324707	27.273	ng/u1	98
96) Benzo(g,h,i)perylene	27.032	276	161685	14.179	ng/u1	97

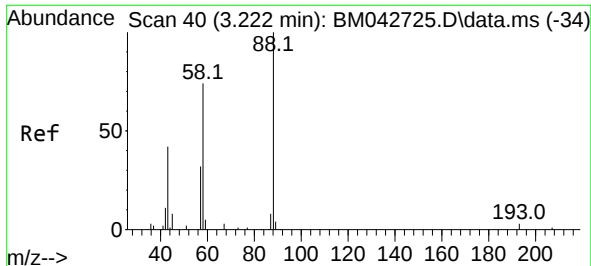
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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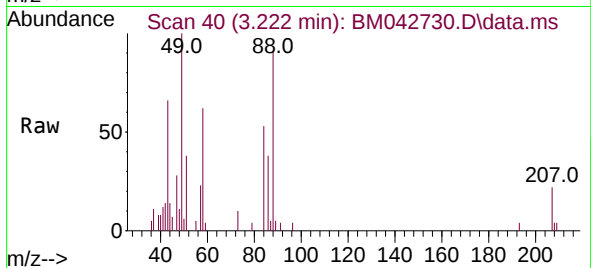
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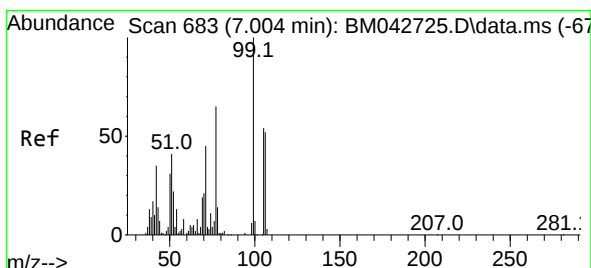
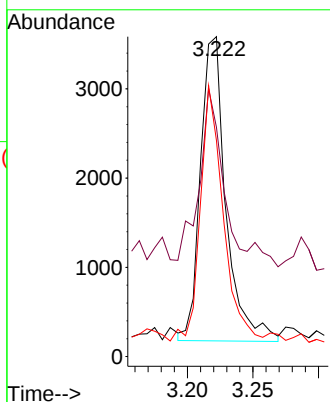
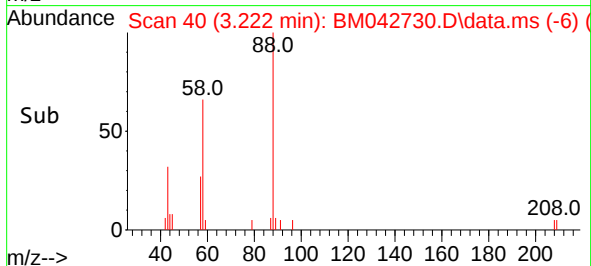


#2
1,4-Dioxane
Concen: 5.621 ng/uL
RT: 3.222 min Scan# 40
Delta R.T. -0.000 min
Lab File: BM042730.D
Acq: 14 Nov 2023 10:51

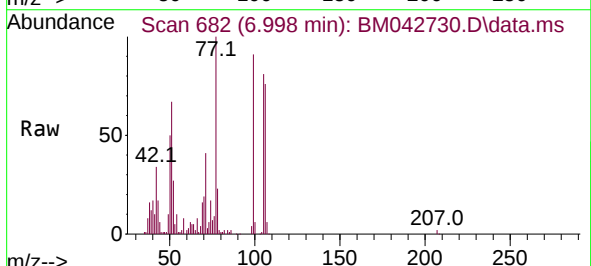
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ClientSampleId :
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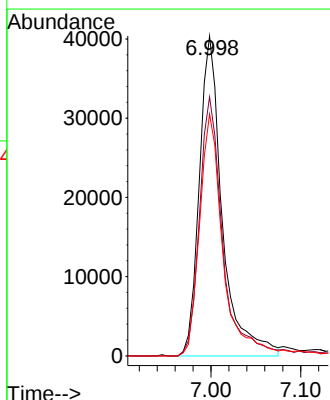
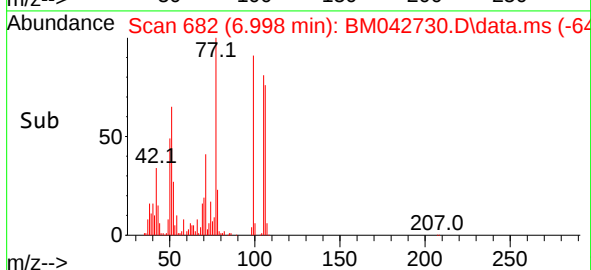
Tgt Ion: 88 Resp: 4603
Ion Ratio Lower Upper
88 100
43 71.7 34.3 51.5#
58 67.6 59.4 89.0

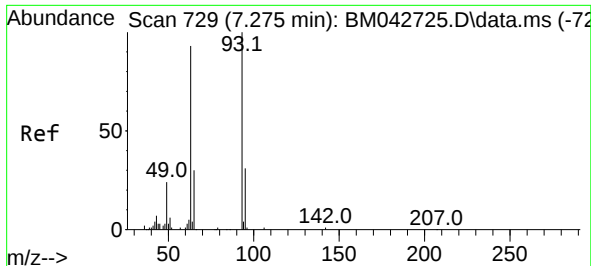


#6
Benzaldehyde
Concen: 53.370 ng/uL
RT: 6.998 min Scan# 682
Delta R.T. -0.006 min
Lab File: BM042730.D
Acq: 14 Nov 2023 10:51



Tgt Ion: 77 Resp: 71902
Ion Ratio Lower Upper
77 100
105 80.9 69.6 104.4
106 75.6 64.2 96.2

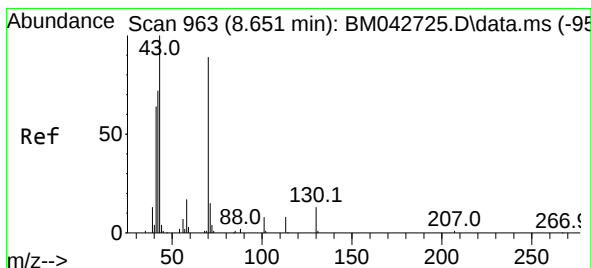
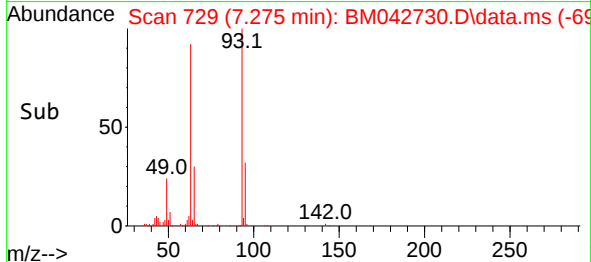
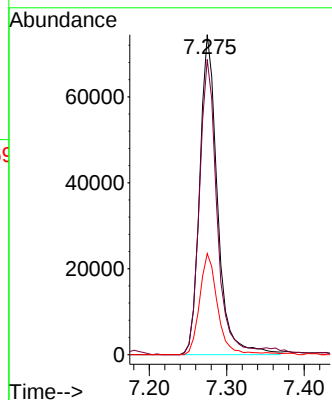
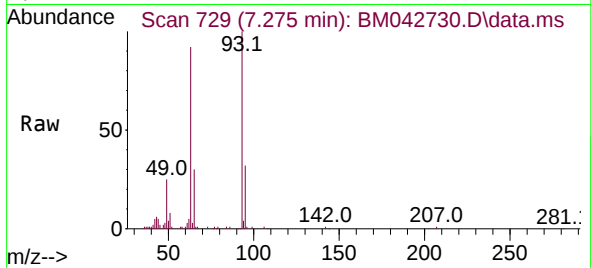




#10
 Bis(2-Chloroethyl)ether
 Concen: 61.368 ng/ul
 RT: 7.275 min Scan# 729
 Delta R.T. -0.006 min
 Lab File: BM042730.D
 Acq: 14 Nov 2023 10:51

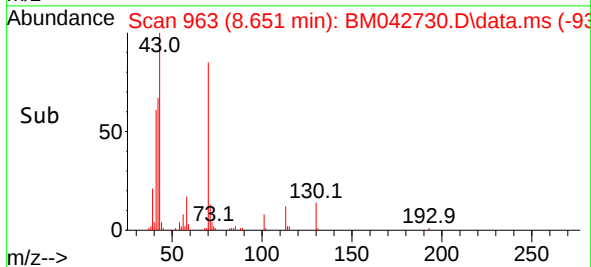
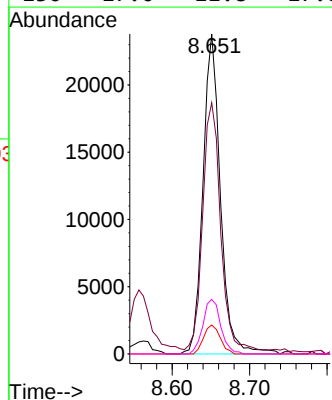
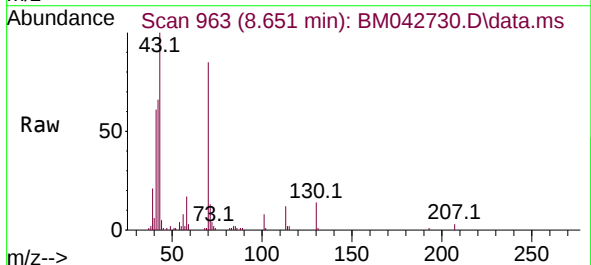
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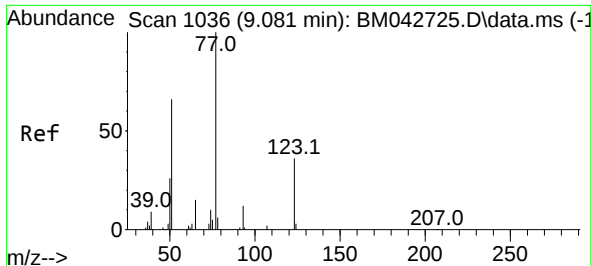
Tgt Ion: 93 Resp: 118400
 Ion Ratio Lower Upper
 93 100
 63 92.2 68.6 102.8
 95 31.6 24.8 37.2



#17
 N-Nitroso-di-n-propylamine
 Concen: 19.638 ng/ul
 RT: 8.651 min Scan# 963
 Delta R.T. -0.006 min
 Lab File: BM042730.D
 Acq: 14 Nov 2023 10:51

Tgt Ion: 70 Resp: 37166
 Ion Ratio Lower Upper
 70 100
 42 78.5 63.0 94.6
 101 9.0 7.0 10.4
 130 17.0 11.8 17.8

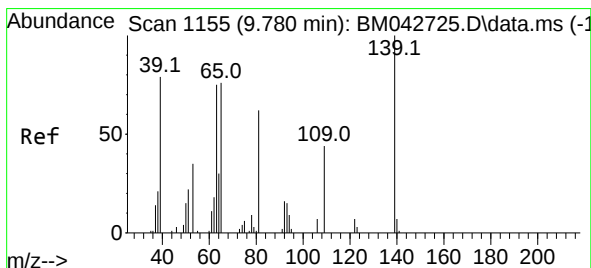
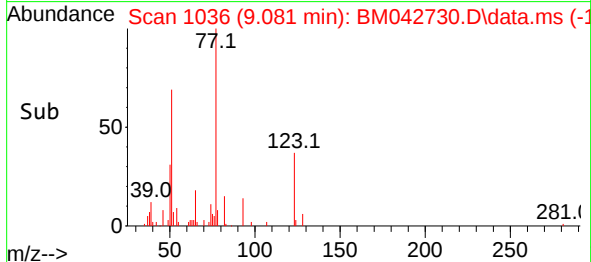
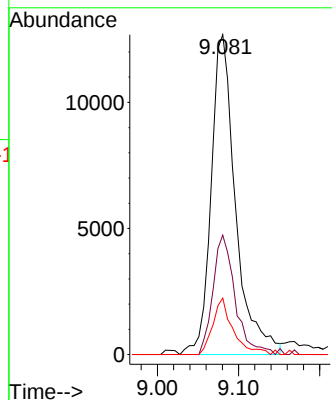
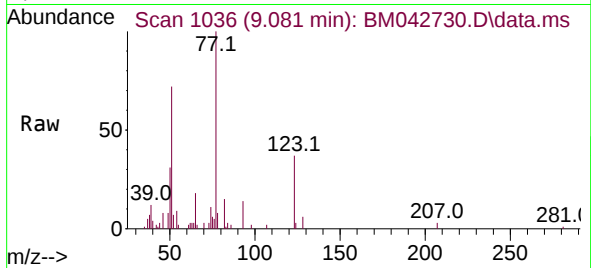




#22
Nitrobenzene
Concen: 10.658 ng/ul
RT: 9.081 min Scan# 1036
Delta R.T. -0.006 min
Lab File: BM042730.D
Acq: 14 Nov 2023 10:51

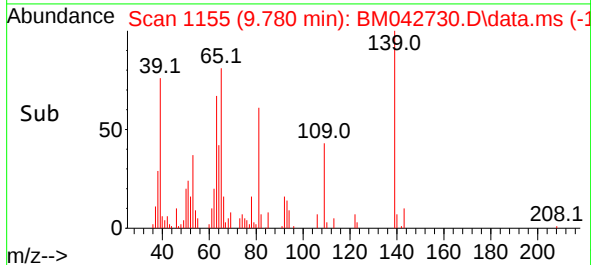
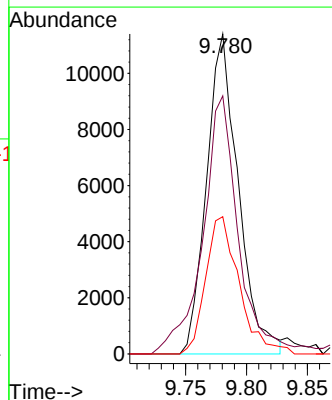
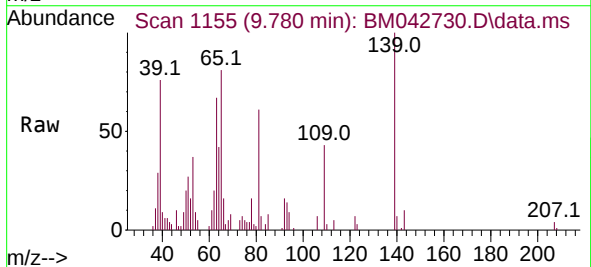
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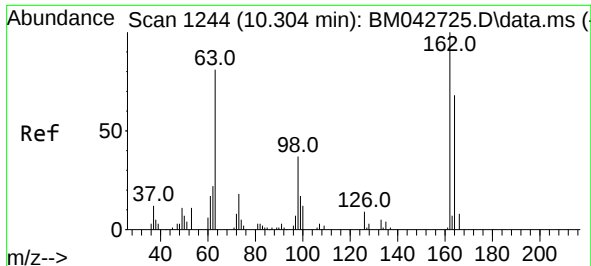
Tgt Ion: 77 Resp: 26615
Ion Ratio Lower Upper
77 100
123 37.3 28.4 42.6
65 17.7 12.4 18.6



#25
2-Nitrophenol
Concen: 21.060 ng/ul
RT: 9.780 min Scan# 1155
Delta R.T. -0.006 min
Lab File: BM042730.D
Acq: 14 Nov 2023 10:51

Tgt Ion: 139 Resp: 20682
Ion Ratio Lower Upper
139 100
65 80.6 59.1 88.7
109 42.9 33.9 50.9





#29

2,4-Dichlorophenol

Concen: 23.039 ng/ul

RT: 10.298 min Scan# 11

Delta R.T. -0.006 min

Lab File: BM042730.D

Acq: 14 Nov 2023 10:51

Instrument :

BNA_M

ClientSampleId :

A4A88

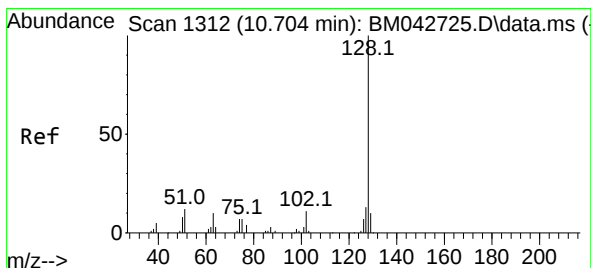
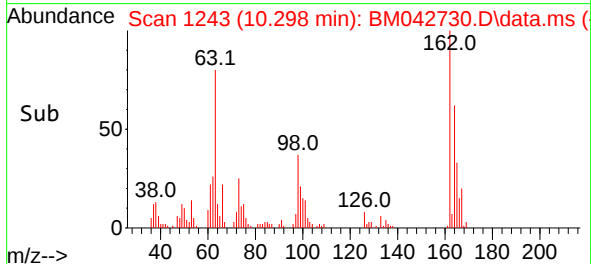
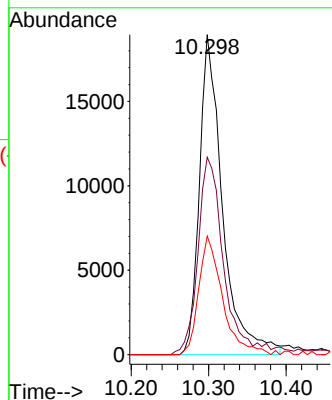
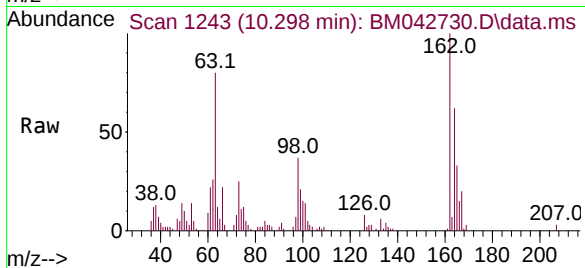
Tgt Ion:162 Resp: 39204

Ion Ratio Lower Upper

162 100

164 61.7 53.4 80.2

98 37.0 28.4 42.6



#30

Napthalene

Concen: 11.396 ng/ul

RT: 10.698 min Scan# 1311

Delta R.T. -0.006 min

Lab File: BM042730.D

Acq: 14 Nov 2023 10:51

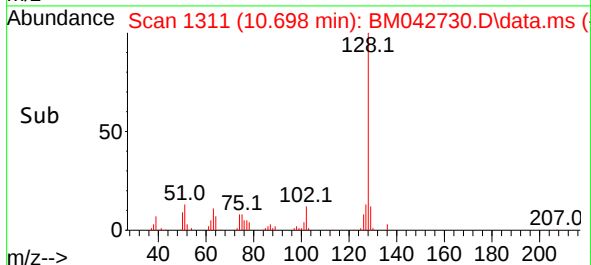
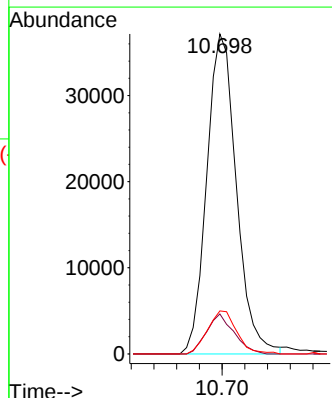
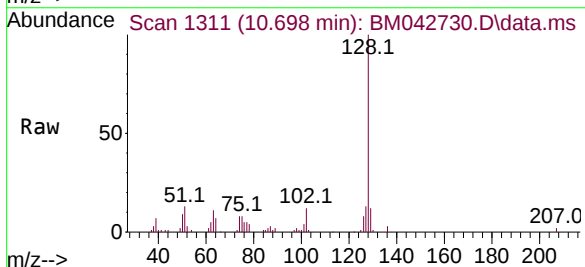
Tgt Ion:128 Resp: 67281

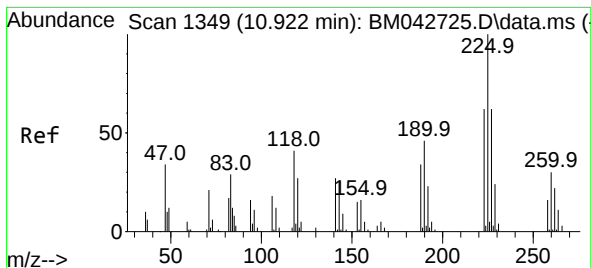
Ion Ratio Lower Upper

128 100

129 12.5 8.6 13.0

127 13.4 10.5 15.7

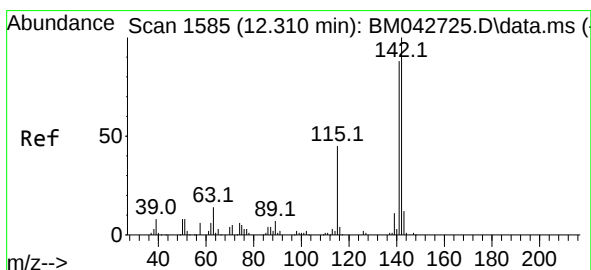
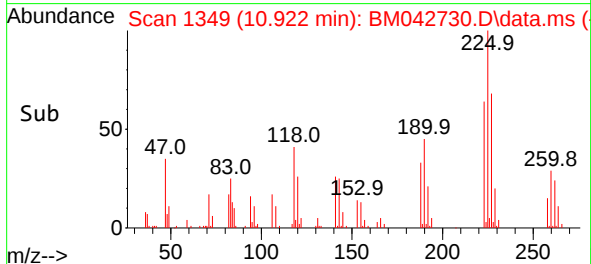
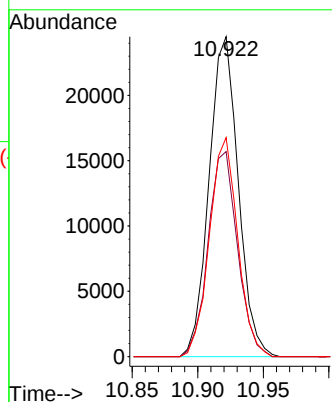
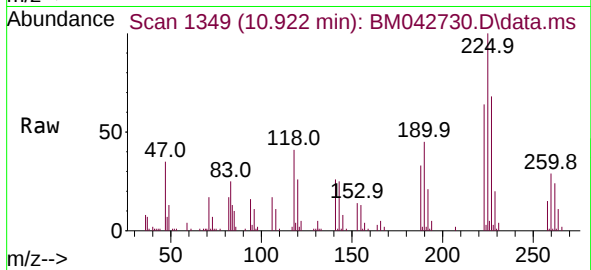




#33
Hexachlorobutadiene
Concen: 25.267 ng/ul
RT: 10.922 min Scan# 1349
Delta R.T. -0.006 min
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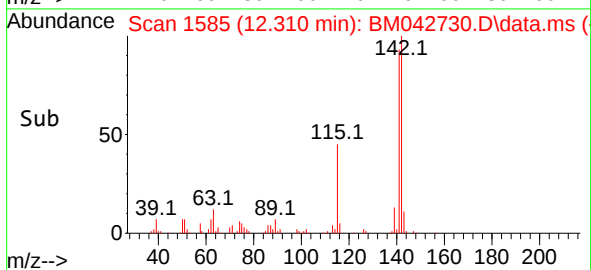
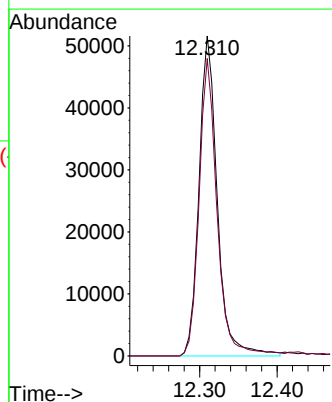
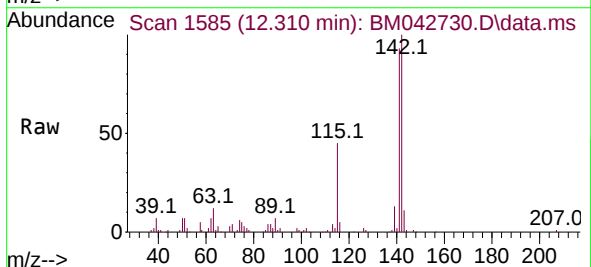
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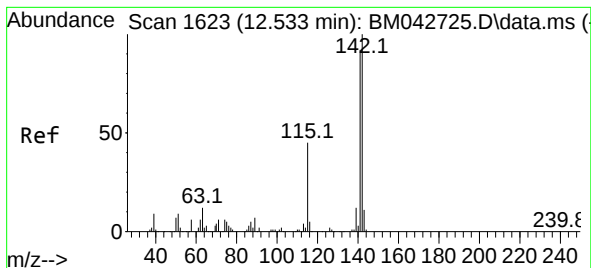
Tgt Ion:225 Resp: 37979
Ion Ratio Lower Upper
225 100
223 64.1 53.0 79.4
227 68.4 50.5 75.7



#36
2-Methylnaphthalene
Concen: 21.381 ng/ul
RT: 12.310 min Scan# 1585
Delta R.T. -0.006 min
Lab File: BM042730.D
Acq: 14 Nov 2023 10:51

Tgt Ion:142 Resp: 84606
Ion Ratio Lower Upper
142 100
141 92.9 73.6 110.4





#37

1-Methylnaphthalene

Concen: 32.706 ng/ul

RT: 12.527 min Scan# 1622

Delta R.T. -0.006 min

Lab File: BM042730.D

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Instrument :

BNA_M

ClientSampleId :

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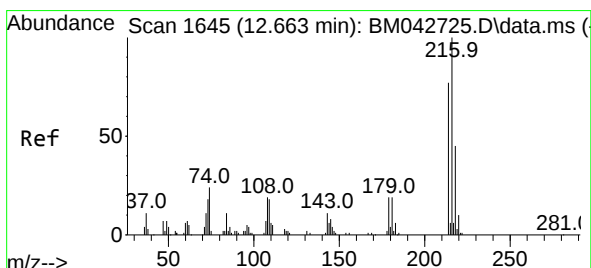
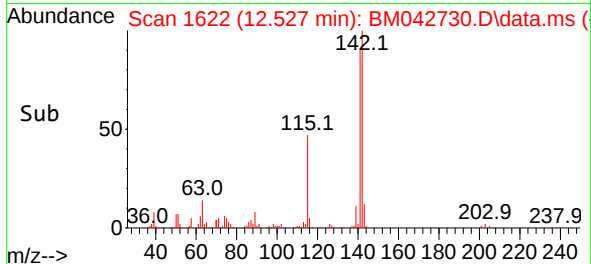
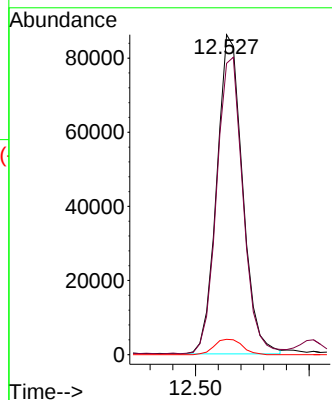
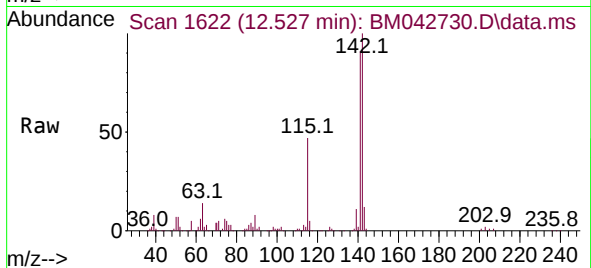
Tgt Ion:142 Resp: 136070

Ion Ratio Lower Upper

142 100

141 91.0 73.3 109.9

116 4.8 3.9 5.9



#39

1,2,4,5-Tetrachlorobenzene

Concen: 11.269 ng/ul

RT: 12.663 min Scan# 1645

Delta R.T. -0.006 min

Lab File: BM042730.D

Acq: 14 Nov 2023 10:51

Tgt Ion:216 Resp: 25461

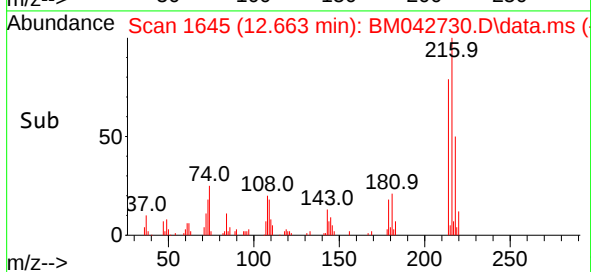
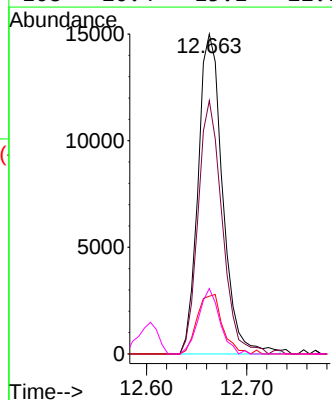
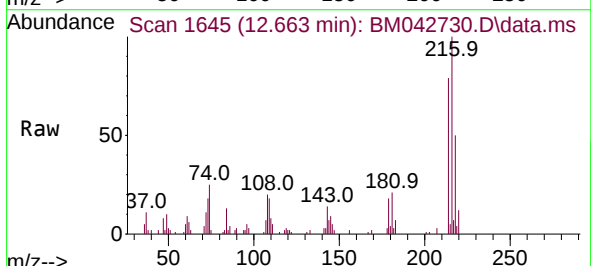
Ion Ratio Lower Upper

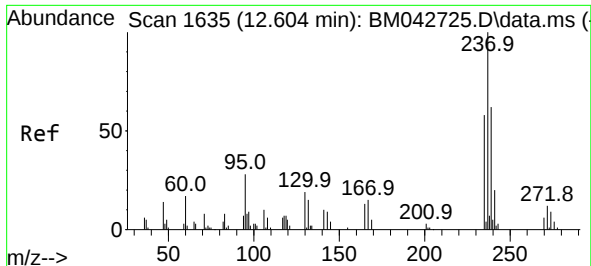
216 100

214 79.1 64.1 96.1

179 18.0 15.5 23.3

108 20.4 15.1 22.7

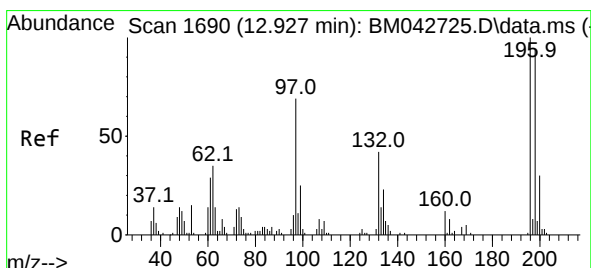
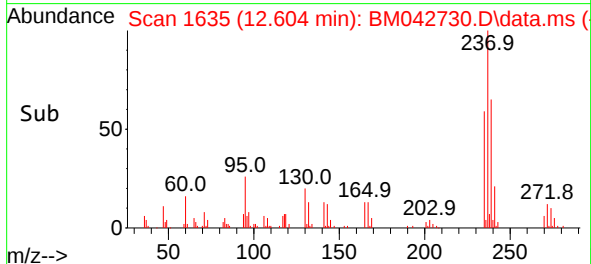
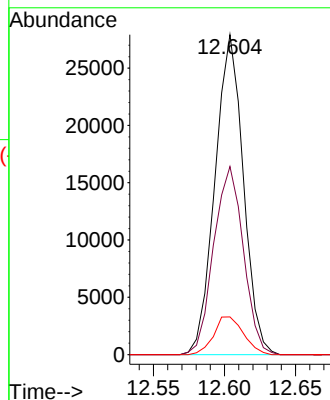
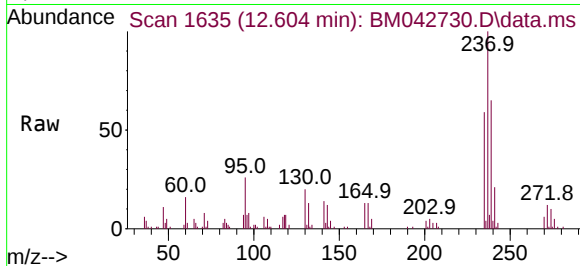




#40
Hexachlorocyclopentadiene
Concen: 36.208 ng/ul
RT: 12.604 min Scan# 1635
Delta R.T. -0.006 min
Lab File: BM042730.D
Acq: 14 Nov 2023 10:51

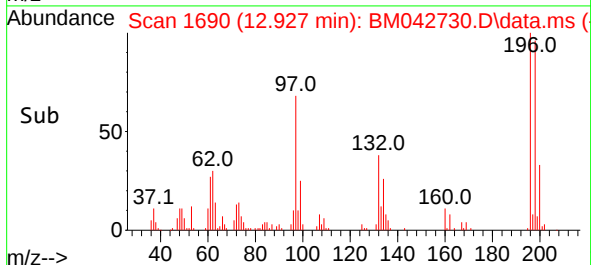
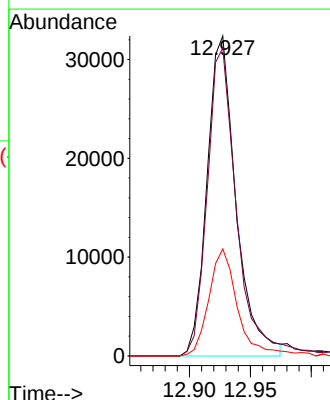
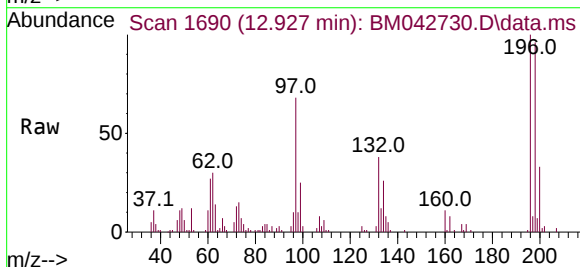
Instrument :
BNA_M
ClientSampleId :
A4A88

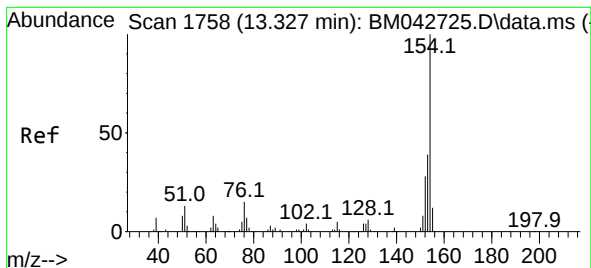
Tgt Ion:237 Resp: 38730
Ion Ratio Lower Upper
237 100
235 58.8 53.3 79.9
272 12.4 10.7 16.1



#41
2,4,6-Trichlorophenol
Concen: 38.804 ng/ul
RT: 12.927 min Scan# 1690
Delta R.T. -0.000 min
Lab File: BM042730.D
Acq: 14 Nov 2023 10:51

Tgt Ion:196 Resp: 53551
Ion Ratio Lower Upper
196 100
198 96.3 81.0 121.4
200 33.4 24.1 36.1





#43

1,1'-Biphenyl

Concen: 48.704 ng/ul

RT: 13.327 min Scan# 1758

Delta R.T. -0.006 min

Lab File: BM042730.D

Acq: 14 Nov 2023 10:51

Instrument :

BNA_M

ClientSampleId :

A4A88

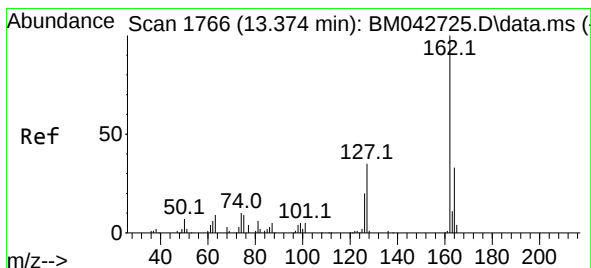
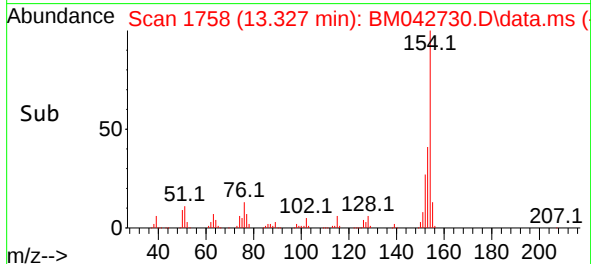
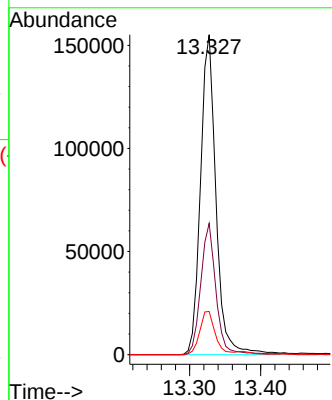
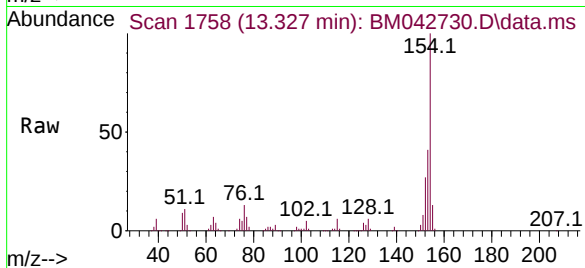
Tgt Ion:154 Resp: 233992

Ion Ratio Lower Upper

154 100

153 41.0 32.4 48.6

76 13.5 10.7 16.1



#44

2-Chloronaphthalene

Concen: 11.089 ng/ul

RT: 13.374 min Scan# 1766

Delta R.T. -0.006 min

Lab File: BM042730.D

Acq: 14 Nov 2023 10:51

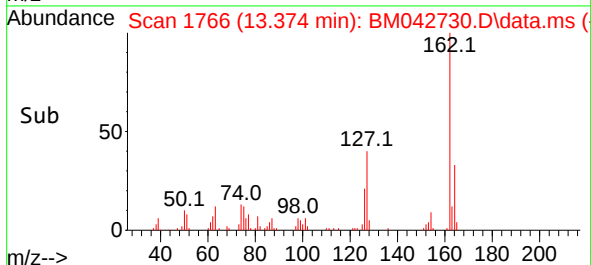
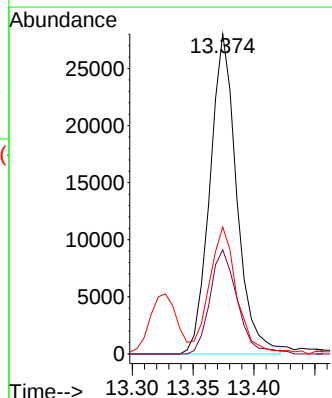
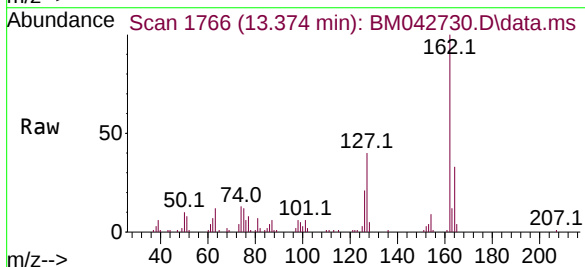
Tgt Ion:162 Resp: 42858

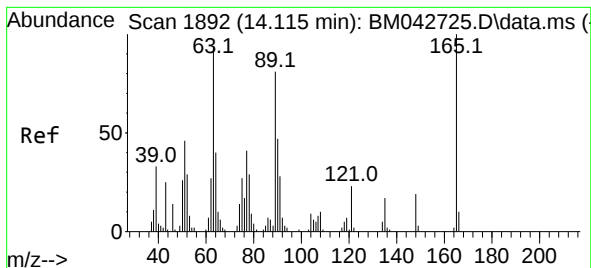
Ion Ratio Lower Upper

162 100

164 32.5 24.2 36.2

127 39.6 30.8 46.2





#48

2,6-Dinitrotoluene

Concen: 38.211 ng/ul

RT: 14.110 min Scan# 1891

Delta R.T. -0.006 min

Lab File: BM042730.D

Acq: 14 Nov 2023 10:51

Instrument :

BNA_M

ClientSampleId :

A4A88

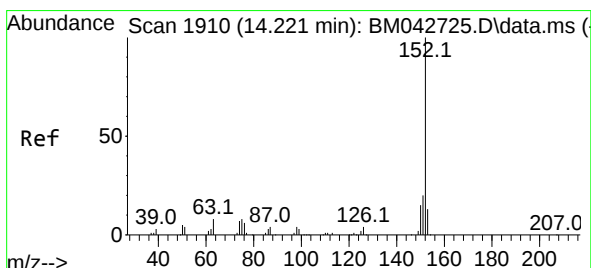
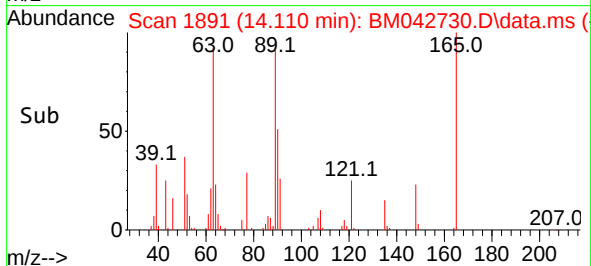
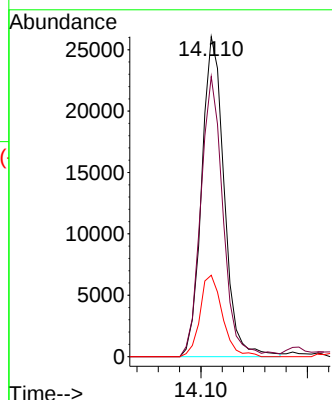
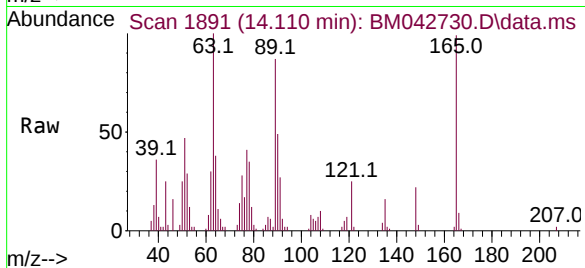
Tgt Ion:165 Resp: 38123

Ion Ratio Lower Upper

165 100

89 87.5 64.1 96.1

121 25.4 18.4 27.6



#50

Acenaphthylene

Concen: 15.284 ng/ul

RT: 14.221 min Scan# 1910

Delta R.T. -0.006 min

Lab File: BM042730.D

Acq: 14 Nov 2023 10:51

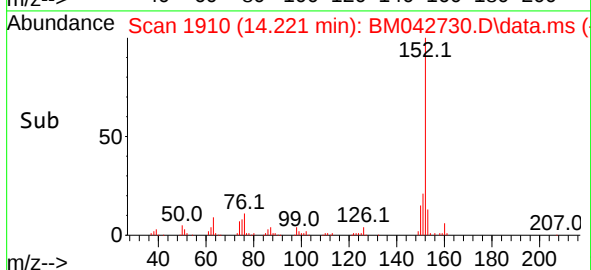
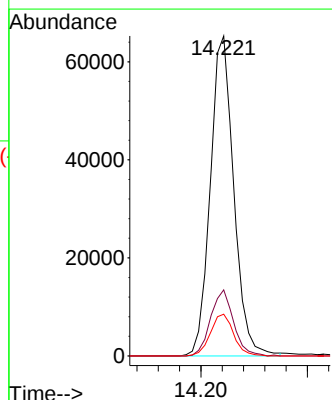
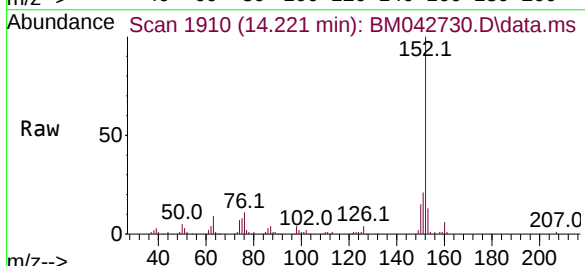
Tgt Ion:152 Resp: 99905

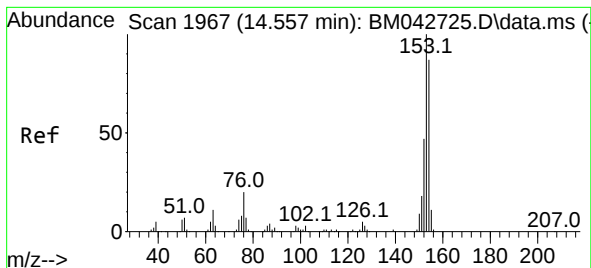
Ion Ratio Lower Upper

152 100

151 20.6 16.0 24.0

153 13.0 10.5 15.7





#52

Acenaphthene

Concen: 11.181 ng/ul

RT: 14.557 min Scan# 1967

Delta R.T. -0.006 min

Lab File: BM042730.D

Acq: 14 Nov 2023 10:51

Instrument :

BNA_M

ClientSampleId :

A4A88

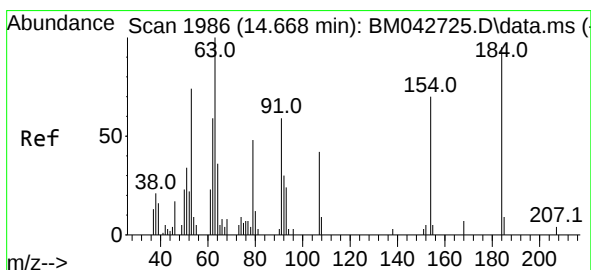
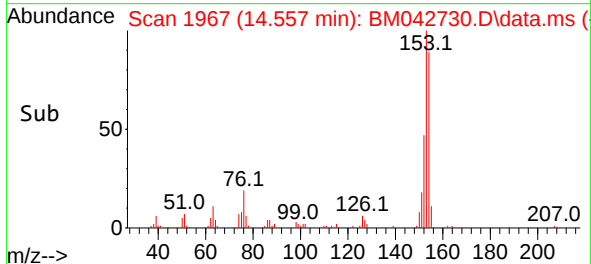
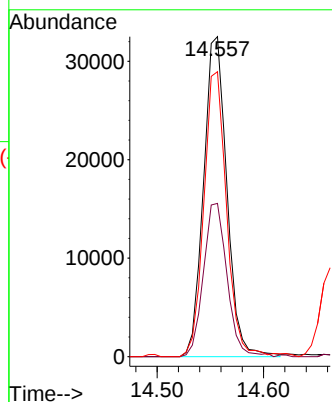
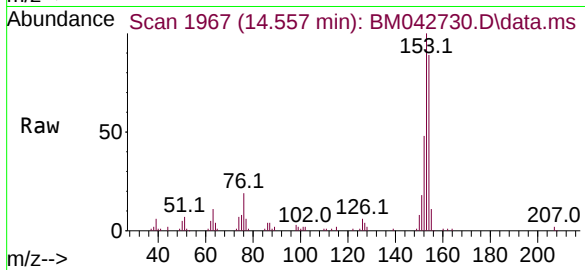
Tgt Ion:153 Resp: 49430

Ion Ratio Lower Upper

153 100

152 47.9 38.2 57.2

154 89.1 71.3 106.9



#53

2,4-Dinitrophenol

Concen: 46.132 ng/ul

RT: 14.663 min Scan# 1985

Delta R.T. -0.006 min

Lab File: BM042730.D

Acq: 14 Nov 2023 10:51

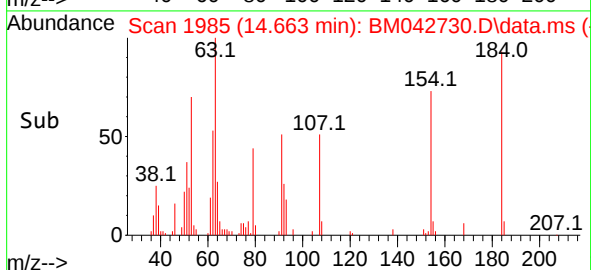
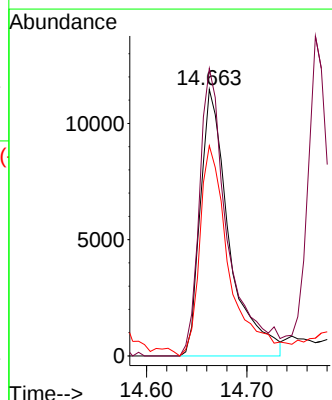
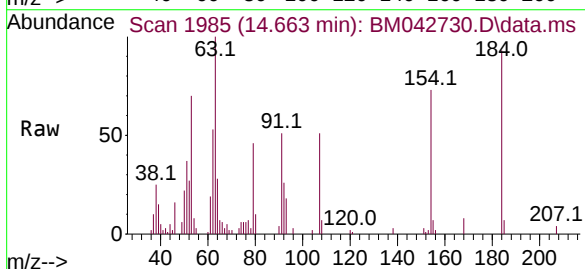
Tgt Ion:184 Resp: 22885

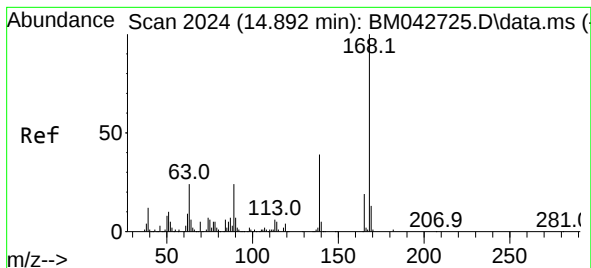
Ion Ratio Lower Upper

184 100

63 107.9 79.1 118.7

154 78.9 65.7 98.5

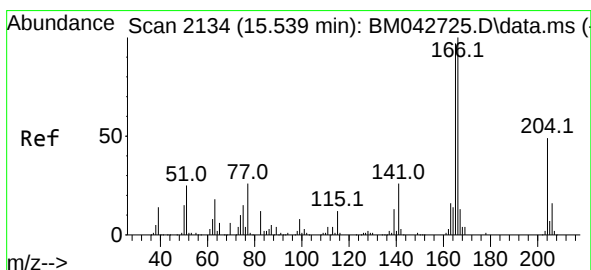
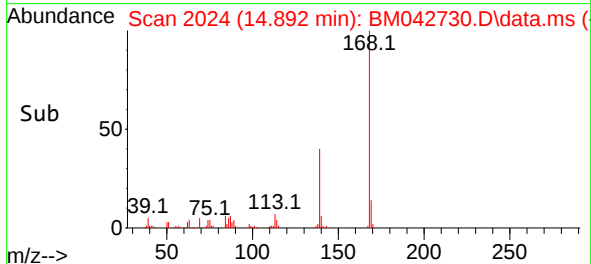
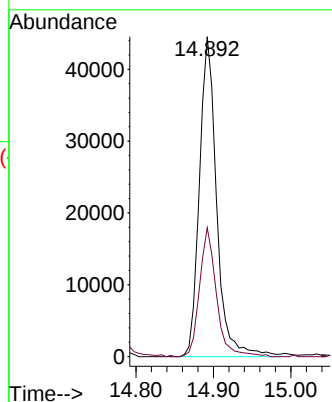
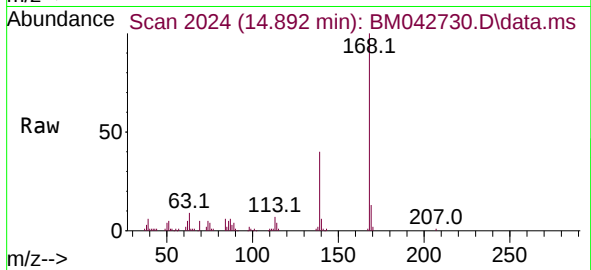




#56
Dibenzenofuran
Concen: 11.213 ng/ul
RT: 14.892 min Scan# 20
Delta R.T. -0.006 min
Lab File: BM042730.D
Acq: 14 Nov 2023 10:51

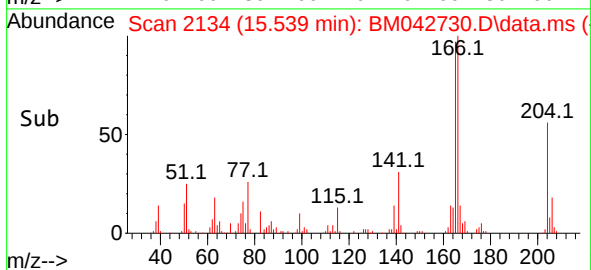
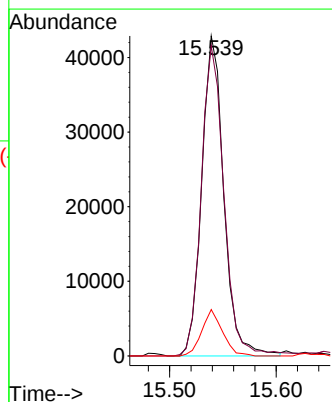
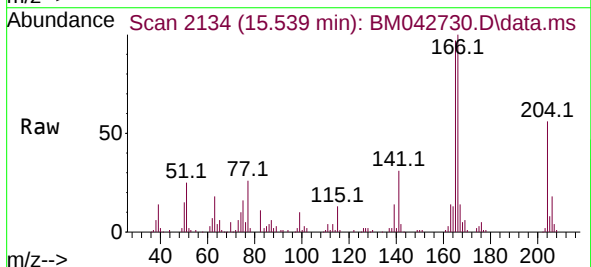
Instrument :
BNA_M
ClientSampleId :
A4A88

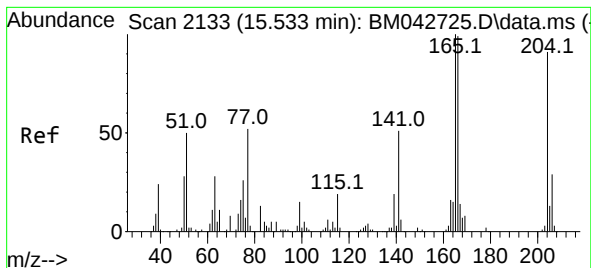
Tgt Ion:168 Resp: 68802
Ion Ratio Lower Upper
168 100
139 40.3 30.8 46.2



#61
Fluorene
Concen: 11.847 ng/ul
RT: 15.539 min Scan# 2134
Delta R.T. -0.006 min
Lab File: BM042730.D
Acq: 14 Nov 2023 10:51

Tgt Ion:166 Resp: 61718
Ion Ratio Lower Upper
166 100
165 96.9 79.3 118.9
167 14.5 10.6 15.8

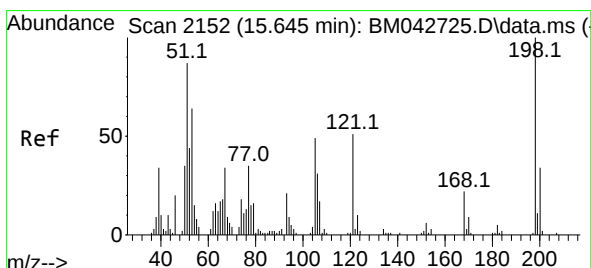
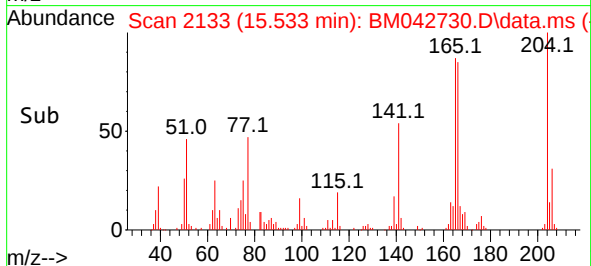
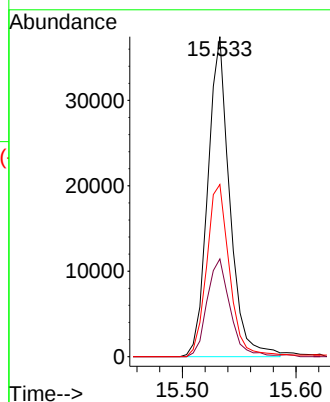
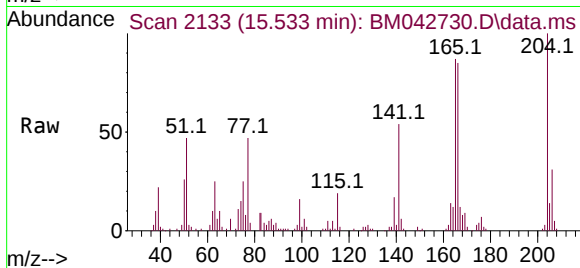




#62
4-Chlorophenyl-phenylether
Concen: 17.899 ng/ul
RT: 15.533 min Scan# 2133
Delta R.T. -0.006 min
Lab File: BM042730.D
Acq: 14 Nov 2023 10:51

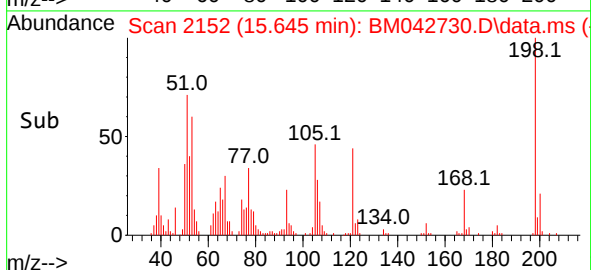
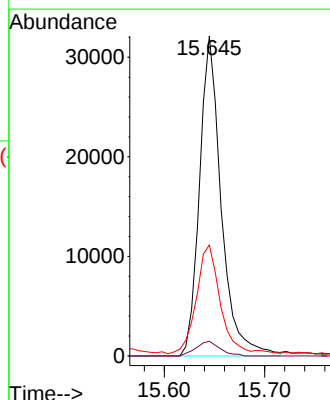
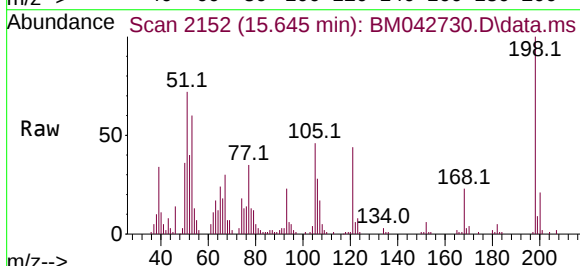
Instrument :
BNA_M
ClientSampleId :
A4A88

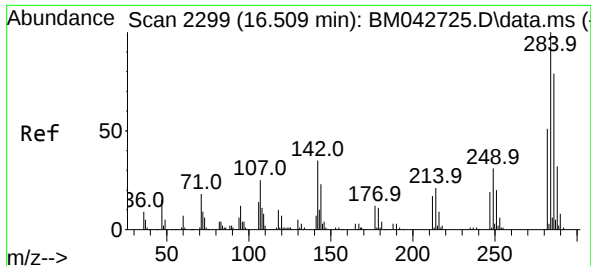
Tgt Ion:204 Resp: 50251
Ion Ratio Lower Upper
204 100
206 30.5 27.0 40.4
141 53.8 46.0 69.0



#66
4,6-Dinitro-2-methylphenol
Concen: 48.750 ng/ul
RT: 15.645 min Scan# 2152
Delta R.T. -0.006 min
Lab File: BM042730.D
Acq: 14 Nov 2023 10:51

Tgt Ion:198 Resp: 48257
Ion Ratio Lower Upper
198 100
182 4.6 3.4 5.0
77 34.7 26.9 40.3

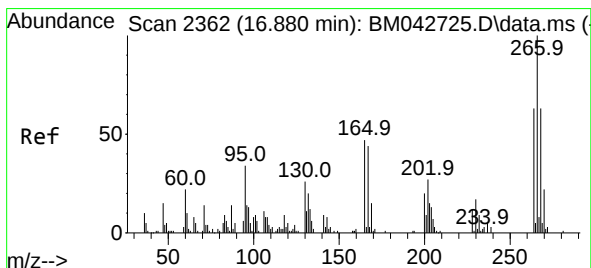
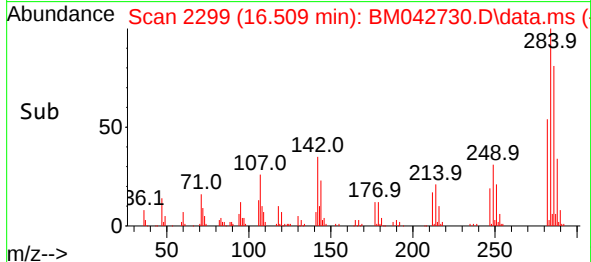
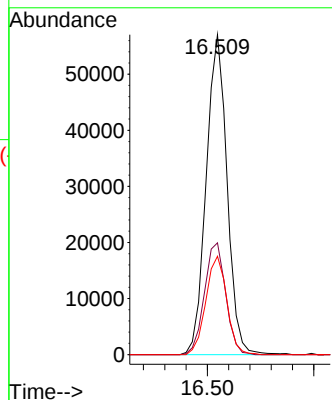
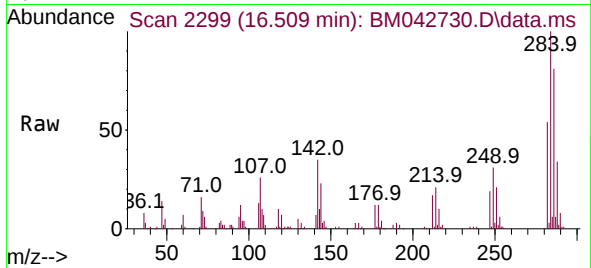




#69
Hexachlorobenzene
Concen: 37.112 ng/ul
RT: 16.509 min Scan# 2299
Delta R.T. -0.006 min
Lab File: BM042730.D
Acq: 14 Nov 2023 10:51

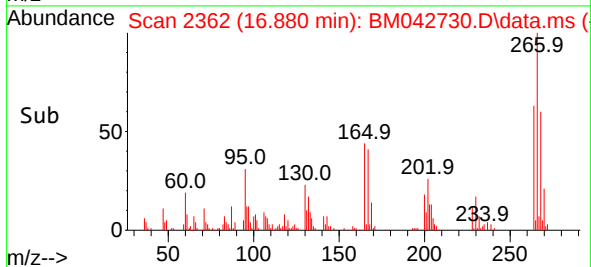
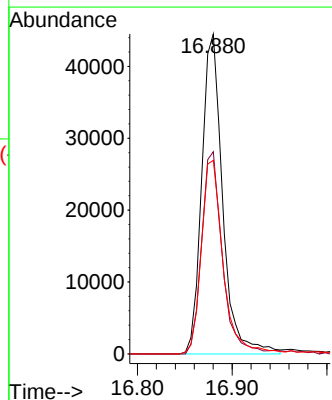
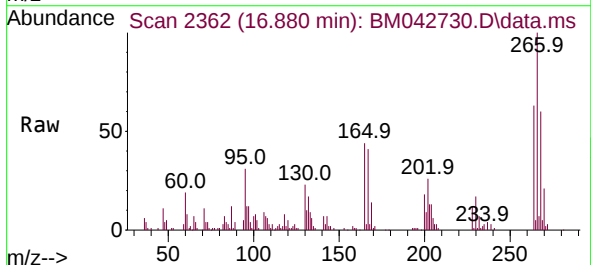
Instrument :
BNA_M
ClientSampleId :
A4A88

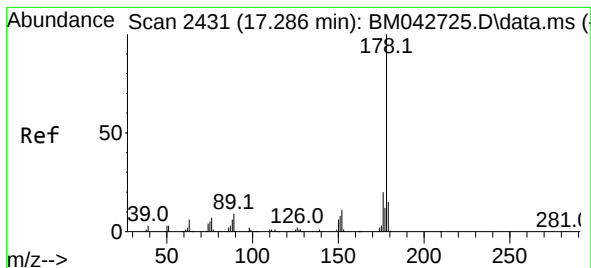
Tgt Ion:284 Resp: 77518
Ion Ratio Lower Upper
284 100
142 34.9 30.5 45.7
249 30.7 25.3 37.9



#71
Pentachlorophenol
Concen: 56.761 ng/ul
RT: 16.880 min Scan# 2362
Delta R.T. -0.006 min
Lab File: BM042730.D
Acq: 14 Nov 2023 10:51

Tgt Ion:266 Resp: 68271
Ion Ratio Lower Upper
266 100
264 63.2 50.3 75.5
268 60.5 52.1 78.1





#72

Phenanthrene

Concen: 11.488 ng/ul

RT: 17.286 min Scan# 2431

Delta R.T. -0.006 min

Lab File: BM042730.D

Acq: 14 Nov 2023 10:51

Instrument :

BNA_M

ClientSampleId :

A4A88

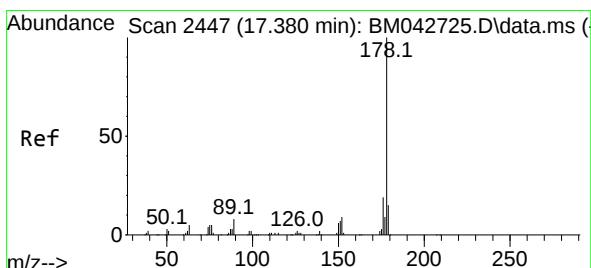
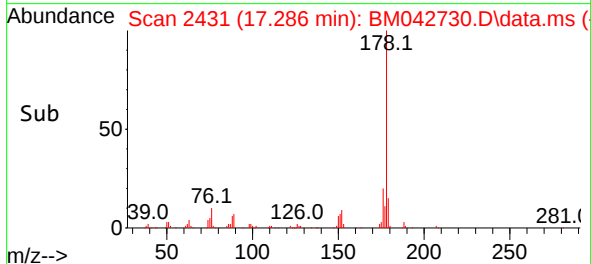
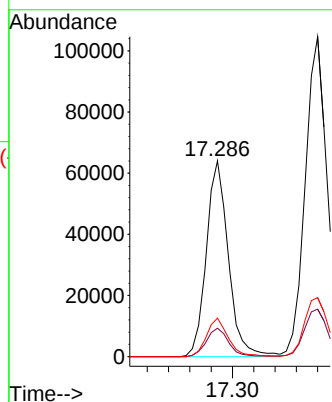
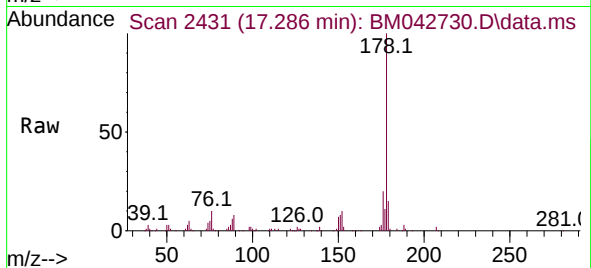
Tgt Ion:178 Resp: 92120

Ion Ratio Lower Upper

178 100

179 14.5 11.4 17.2

176 19.6 15.5 23.3



#74

Anthracene

Concen: 19.062 ng/ul

RT: 17.380 min Scan# 2447

Delta R.T. -0.006 min

Lab File: BM042730.D

Acq: 14 Nov 2023 10:51

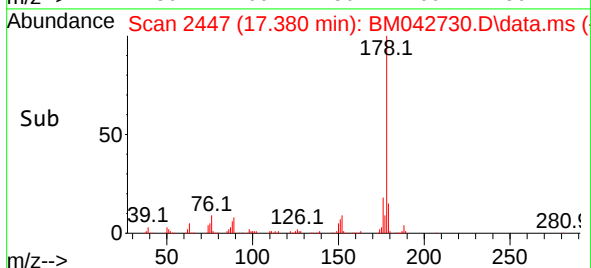
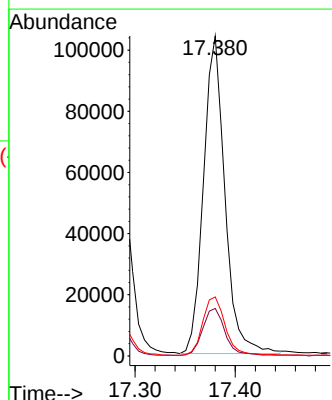
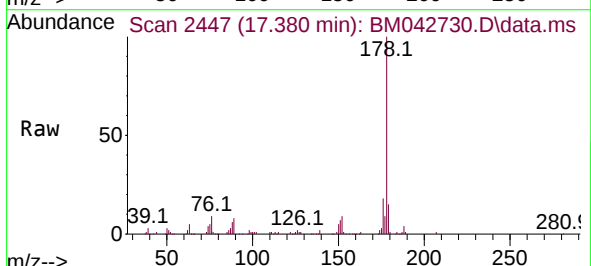
Tgt Ion:178 Resp: 153757

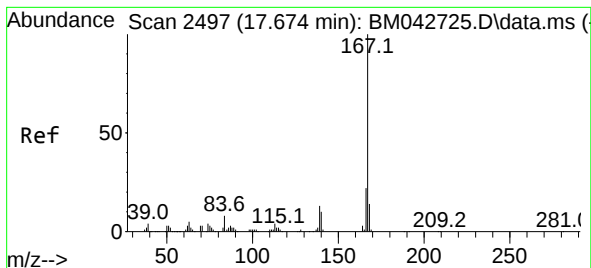
Ion Ratio Lower Upper

178 100

179 14.8 12.0 18.0

176 18.5 15.7 23.5





#77

Carbazole

Concen: 49.356 ng/ul

RT: 17.668 min Scan# 2496

Delta R.T. -0.006 min

Lab File: BM042730.D

Acq: 14 Nov 2023 10:51

Instrument :

BNA_M

ClientSampleId :

A4A88

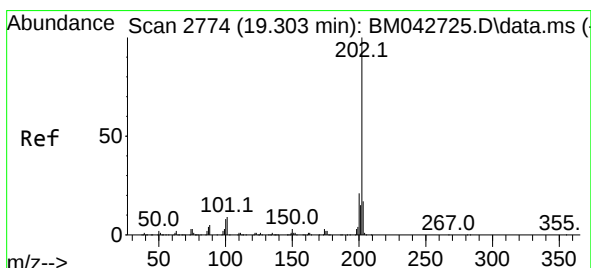
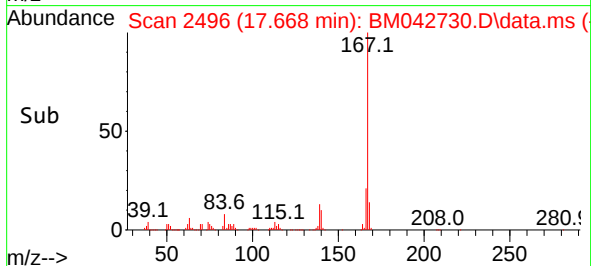
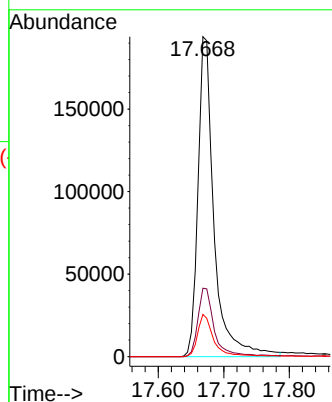
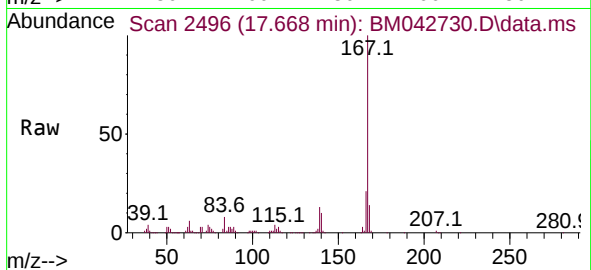
Tgt Ion:167 Resp: 328726

Ion Ratio Lower Upper

167 100

166 21.4 17.2 25.8

139 13.2 10.8 16.2



#80

Fluoranthene

Concen: 20.531 ng/ul

RT: 19.303 min Scan# 2774

Delta R.T. -0.006 min

Lab File: BM042730.D

Acq: 14 Nov 2023 10:51

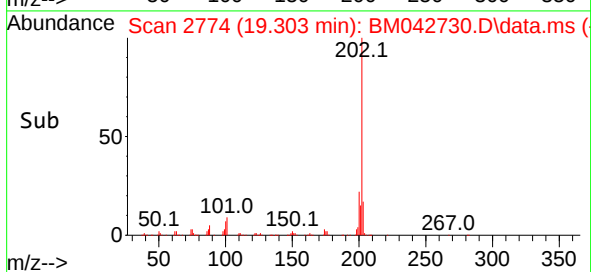
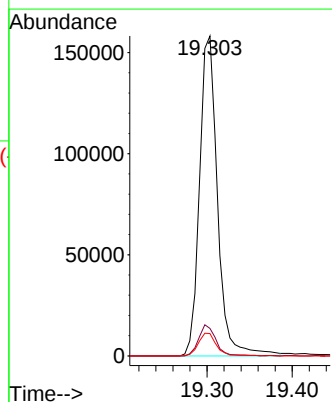
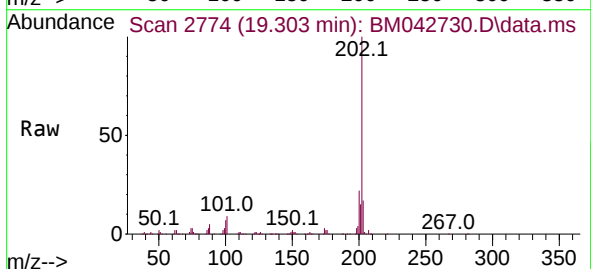
Tgt Ion:202 Resp: 231907

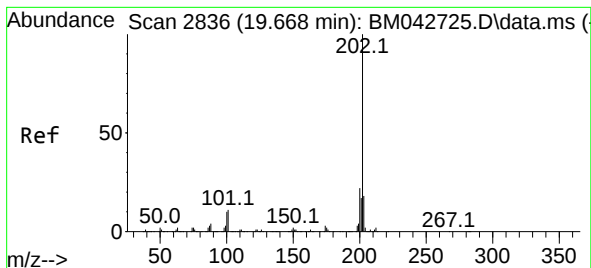
Ion Ratio Lower Upper

202 100

101 8.6 6.6 9.8

100 7.0 5.6 8.4





#82

Pyrene

Concen: 20.280 ng/ul

RT: 19.668 min Scan# 2836

Delta R.T. -0.006 min

Lab File: BM042730.D

Acq: 14 Nov 2023 10:51

Instrument :

BNA_M

ClientSampleId :

A4A88

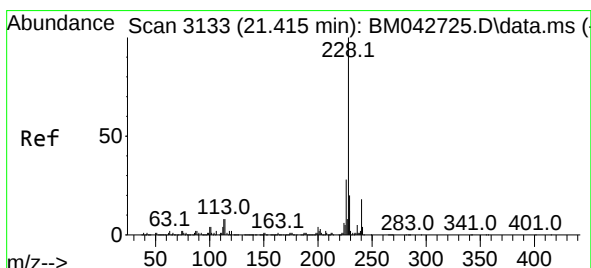
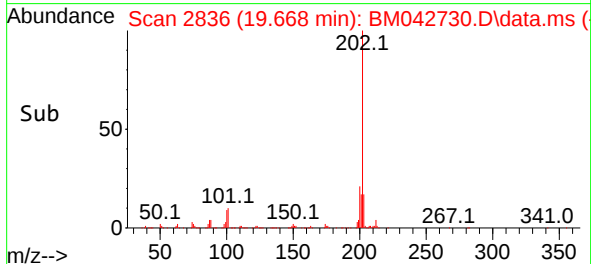
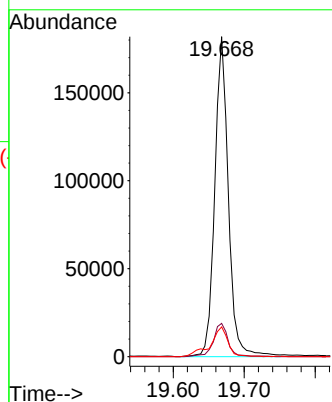
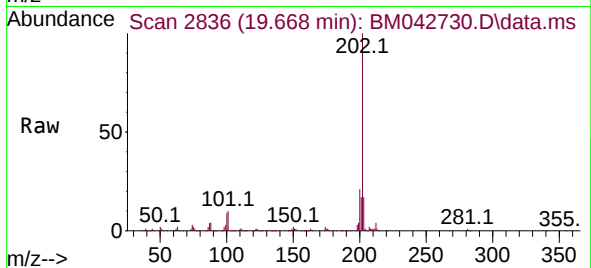
Tgt Ion:202 Resp: 242888

Ion Ratio Lower Upper

202 100

101 10.4 8.1 12.1

100 9.3 6.9 10.3



#85

Benzo(a)anthracene

Concen: 28.973 ng/ul

RT: 21.409 min Scan# 3132

Delta R.T. -0.006 min

Lab File: BM042730.D

Acq: 14 Nov 2023 10:51

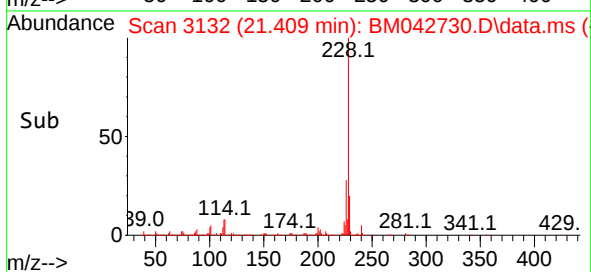
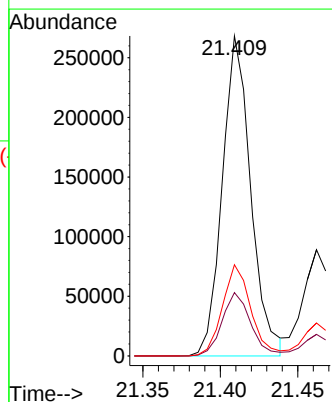
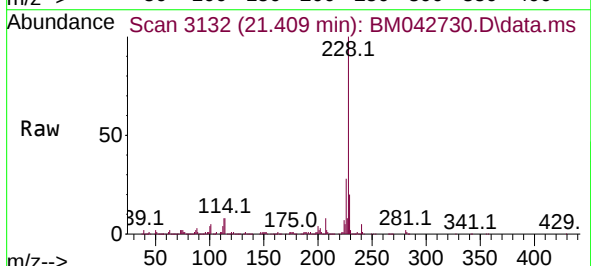
Tgt Ion:228 Resp: 344076

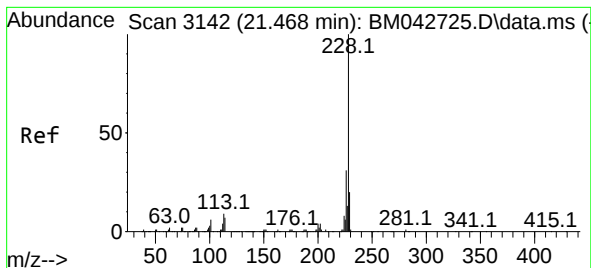
Ion Ratio Lower Upper

228 100

229 19.8 15.8 23.6

226 28.5 22.5 33.7





#87

Chrysene

Concen: 10.693 ng/ul

RT: 21.462 min Scan# 3142

Delta R.T. -0.006 min

Lab File: BM042730.D

Acq: 14 Nov 2023 10:51

Instrument :

BNA_M

ClientSampleId :

A4A88

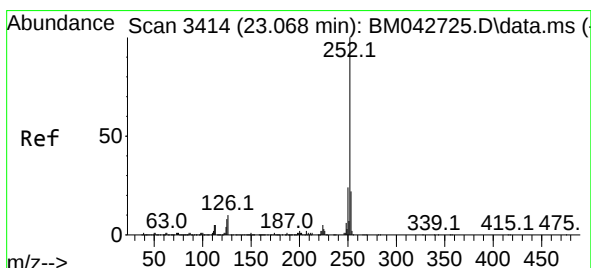
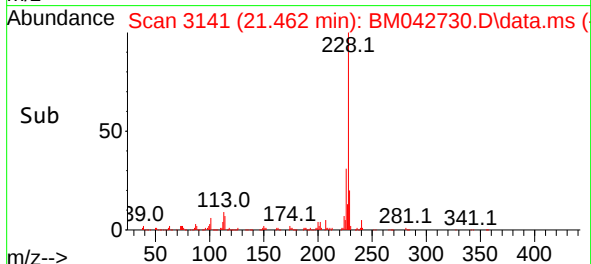
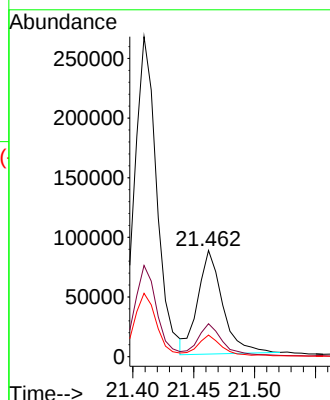
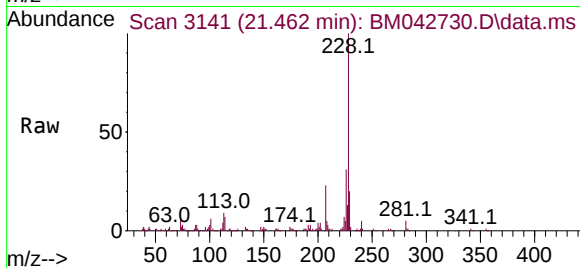
Tgt Ion:228 Resp: 123154

Ion Ratio Lower Upper

228 100

226 31.0 24.3 36.5

229 20.2 15.7 23.5



#90

Benzo(b)fluoranthene

Concen: 24.405 ng/ul

RT: 23.062 min Scan# 3413

Delta R.T. -0.012 min

Lab File: BM042730.D

Acq: 14 Nov 2023 10:51

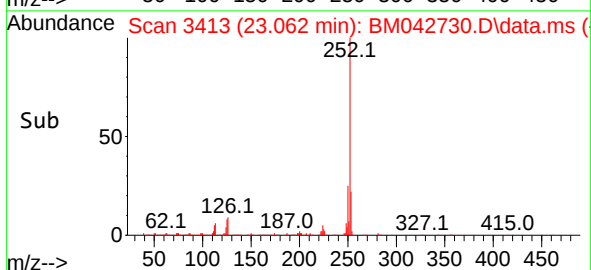
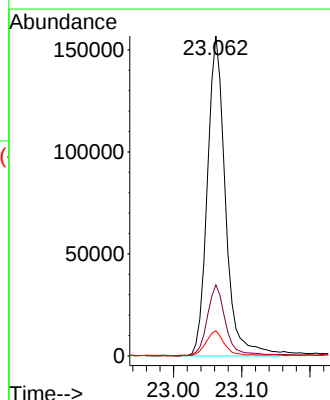
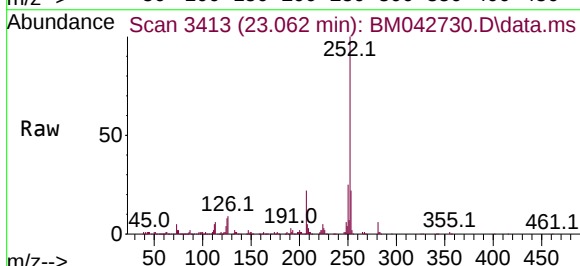
Tgt Ion:252 Resp: 289400

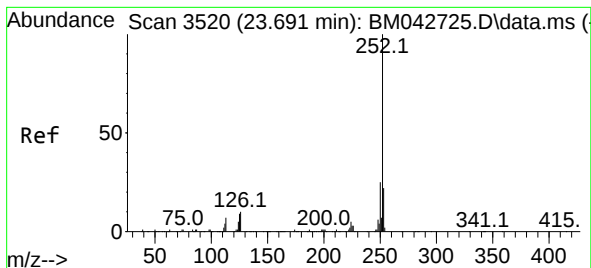
Ion Ratio Lower Upper

252 100

253 22.2 17.0 25.6

125 7.9 5.2 7.8#





#93

Benzo(a)pyrene

Concen: 13.983 ng/ul

RT: 23.685 min Scan# 3519

Delta R.T. -0.012 min

Lab File: BM042730.D

Acq: 14 Nov 2023 10:51

Instrument :

BNA_M

ClientSampleId :

A4A88

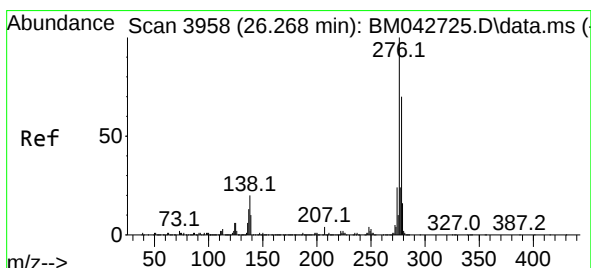
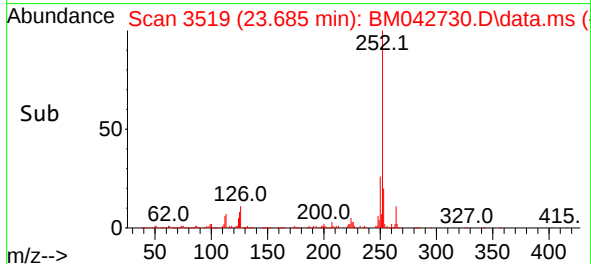
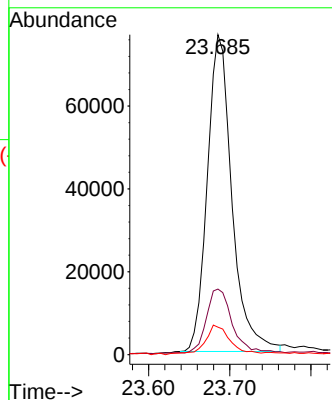
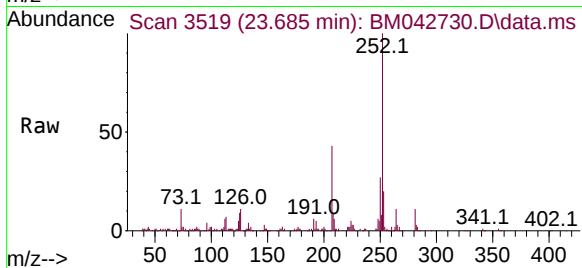
Tgt Ion:252 Resp: 161575

Ion Ratio Lower Upper

252 100

253 20.5 17.0 25.6

125 8.6 6.3 9.5



#94

Indeno(1,2,3-cd)pyrene

Concen: 31.485 ng/ul

RT: 26.262 min Scan# 3957

Delta R.T. -0.018 min

Lab File: BM042730.D

Acq: 14 Nov 2023 10:51

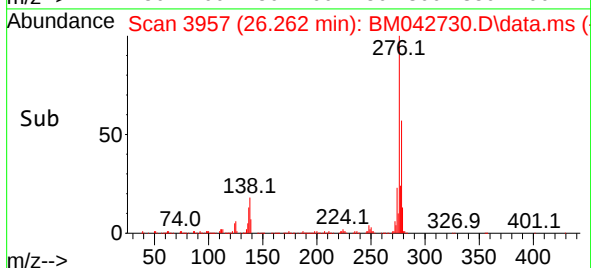
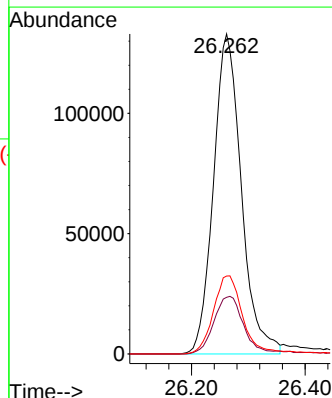
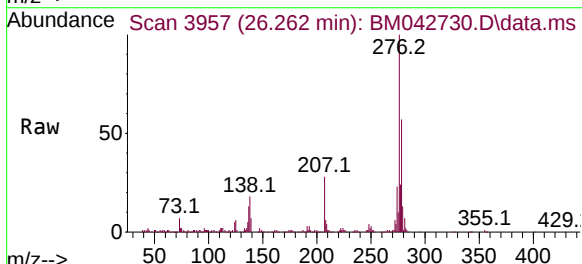
Tgt Ion:276 Resp: 452139

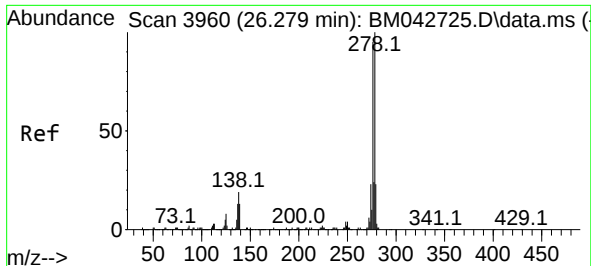
Ion Ratio Lower Upper

276 100

138 17.7 13.8 20.8

277 24.3 19.7 29.5



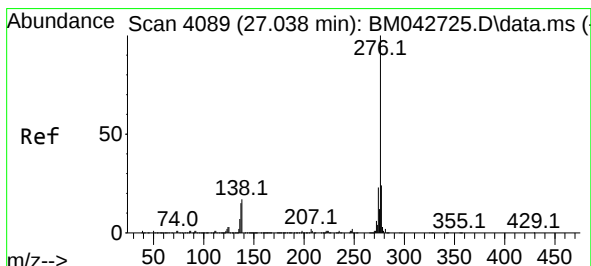
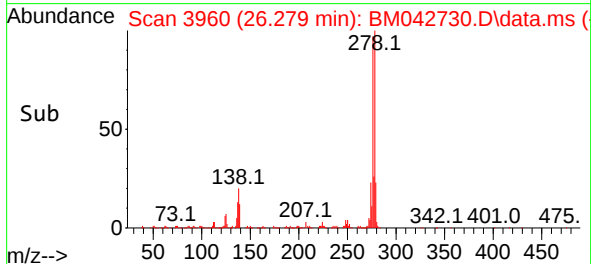
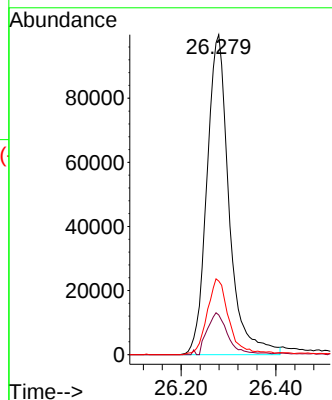
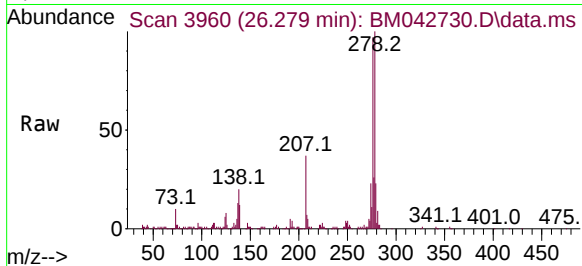


#95
 Dibenzo(a,h)anthracene
 Concen: 27.273 ng/ul
 RT: 26.279 min Scan# 3960
 Delta R.T. -0.018 min
 Lab File: BM042730.D
 Acq: 14 Nov 2023 10:51

Instrument :
 BNA_M
 ClientSampleId :
 A4A88

Tgt Ion:278 Resp: 324707

Ion	Ratio	Lower	Upper
278	100		
139	12.4	9.0	13.4
279	23.0	18.8	28.2



#96
 Benzo(g,h,i)perylene
 Concen: 14.179 ng/ul
 RT: 27.032 min Scan# 4088
 Delta R.T. -0.018 min
 Lab File: BM042730.D
 Acq: 14 Nov 2023 10:51

Tgt Ion:276 Resp: 161685

Ion	Ratio	Lower	Upper
276	100		
138	17.7	13.0	19.6
277	24.8	18.4	27.6

