

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM111122\
 Data File : BM037464.D
 Acq On : 11 Nov 2022 13:16
 Operator : CG/JU
 Sample : N5506-08
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 TP-8

Quant Time: Nov 11 22:55:27 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM102822.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 11 22:49:50 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.804	152	273192	20.000	ng	0.00
21) Naphthalene-d8	10.604	136	1067371	20.000	ng	0.00
39) Acenaphthene-d10	14.451	164	672148	20.000	ng	0.00
64) Phenanthrene-d10	17.198	188	1408715	20.000	ng	0.00
76) Chrysene-d12	21.380	240	1208549	20.000	ng	0.00
86) Perylene-d12	23.721	264	986419	20.000	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.381	112	2161624	136.699	ng	0.00
7) Phenol-d6	6.993	99	2545466	118.605	ng	0.00
23) Nitrobenzene-d5	8.981	82	1893110	89.484	ng	0.00
42) 2,4,6-Tribromophenol	15.945	330	1606102	202.764	ng	0.00
45) 2-Fluorobiphenyl	13.075	172	4610969	91.149	ng	0.00
79) Terphenyl-d14	19.827	244	8072230	119.778	ng	0.00

Target Compounds					Qvalue	
2) 1,4-Dioxane	3.263	88	637	0.098	ng	# 1
3) Pyridine	3.699	79	204	0.011	ng	# 1
4) n-Nitrosodimethylamine	3.563	42	1289	0.153	ng	# 1
6) Aniline	7.122	93	459	0.017	ng	# 1
8) 2-Chlorophenol	7.363	128	126	0.007	ng	# 31
9) Benzaldehyde	6.993	77	4941	0.455	ng	# 8
10) Phenol	6.987	94	709	0.029	ng	# 1
11) bis(2-Chloroethyl)ether	7.228	93	265	0.014	ng	# 69
15) Benzyl Alcohol	8.093	79	556	0.036	ng	# 41
16) 2,2'-oxybis(1-Chloropr...	8.340	45	792	0.029	ng	# 85
17) 2-Methylphenol	8.304	107	57	0.004	ng	# 1
18) Hexachloroethane	8.869	117	121	0.016	ng	# 3
19) n-Nitroso-di-n-propyla...	8.628	70	768	0.125	ng	# 1
20) 3+4-Methylphenols	8.610	107	54	0.003	ng	# 1
22) Acetophenone	8.645	105	1793	0.065	ng	# 1
24) Nitrobenzene	8.981	77	6213	0.290	ng	# 41
25) Isophorone	9.551	82	482	0.014	ng	# 48
28) bis(2-Chloroethoxy)met...	10.022	93	65	0.003	ng	# 1
31) Naphthalene	10.657	128	5102	0.084	ng	# 95
33) 4-Chloroaniline	10.781	127	66	0.003	ng	# 1
35) Caprolactam	11.657	113	129	0.026	ng	# 1
36) 4-Chloro-3-methylphenol	11.945	107	60	0.004	ng	# 17
37) 2-Methylnaphthalene	12.281	142	1892	0.046	ng	# 84
38) 1-Methylnaphthalene	12.492	142	1241	0.031	ng	# 94
46) 1,1'-Biphenyl	13.286	154	1429	0.026	ng	# 90
48) 2-Nitroaniline	13.539	65	410	0.033	ng	# 27
49) Acenaphthylene	14.169	152	1160	0.017	ng	# 68
50) Dimethylphthalate	13.922	163	18523	0.361	ng	# 96
51) 2,6-Dinitrotoluene	14.051	165	58	0.005	ng	# 19
52) Acenaphthene	14.516	154	2705	0.065	ng	# 95
53) 3-Nitroaniline	14.445	138	59	0.005	ng	# 1
55) Dibenzofuran	14.857	168	3769	0.059	ng	# 76
56) 4-Nitrophenol	14.745	139	60	0.006	ng	# 8
57) 2,4-Dinitrotoluene	14.839	165	219	0.015	ng	# 16
58) Fluorene	15.504	166	3131	0.059	ng	# 94
59) 2,3,4,6-Tetrachlorophenol	15.092	232	73	0.006	ng	# 1

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 ALS Vial : 6 Sample Multiplier: 1

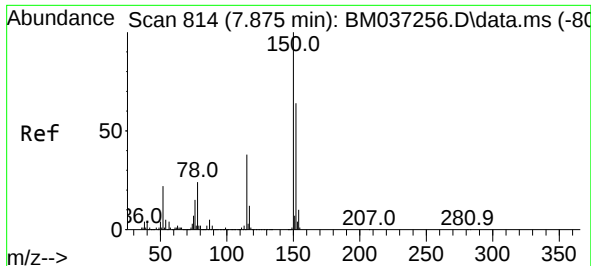
Instrument :
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 ClientSampleId :
 TP-8

Quant Time: Nov 11 22:55:27 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM102822.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 11 22:49:50 2022
 Response via : Initial Calibration

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

60) Diethylphthalate	15.280	149	4979	0.100	ng	93
63) Azobenzene	15.810	77	874	0.018	ng	# 51
66) n-Nitrosodiphenylamine	15.945	169	46330	0.973	ng	# 42
70) Pentachlorophenol	16.863	266	172	0.015	ng	# 57
71) Phenanthrene	17.239	178	8790	0.101	ng	# 92
72) Anthracene	17.333	178	1478	0.018	ng	# 64
73) Carbazole	17.580	167	378	0.005	ng	# 42
74) Di-n-butylphthalate	18.168	149	8982	0.107	ng	# 96
75) Fluoranthene	19.262	202	2372	0.026	ng	90
77) Benzidine	19.462	184	67	0.004	ng	# 1
78) Pyrene	19.627	202	2333	0.025	ng	# 56
80) Butylbenzylphthalate	20.480	149	187	0.006	ng	95
81) Benzo(a)anthracene	21.380	228	3808	0.044	ng	# 83
82) 3,3'-Dichlorobenzidine	21.315	252	292	0.012	ng	# 32
83) Chrysene	21.415	228	1066	0.013	ng	# 56
84) Bis(2-ethylhexyl)phtha...	21.292	149	3761	0.084	ng	# 92
85) Di-n-octyl phthalate	22.198	149	2152	0.031	ng	# 27
87) Indeno(1,2,3-cd)pyrene	26.150	276	173	0.002	ng	# 1
88) Benzo(b)fluoranthene	23.027	252	828	0.012	ng	# 1
89) Benzo(k)fluoranthene	23.056	252	430	0.006	ng	# 1
90) Benzo(a)pyrene	23.633	252	1532	0.027	ng	# 1
91) Dibenzo(a,h)anthracene	26.162	278	194	0.003	ng	# 1
92) Benzo(g,h,i)perylene	26.891	276	471	0.007	ng	# 1

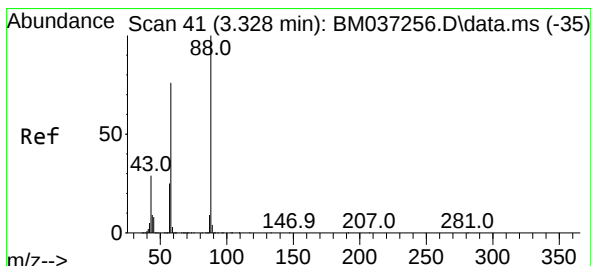
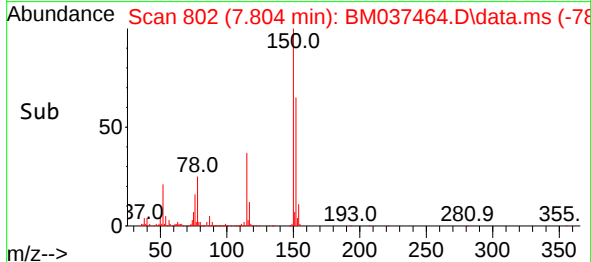
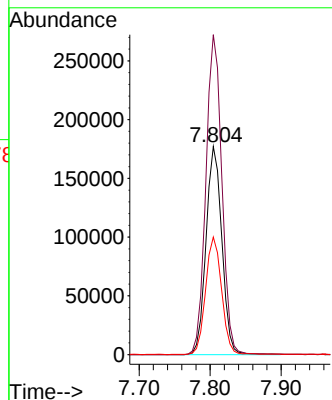
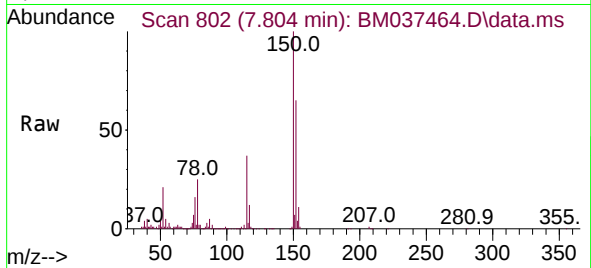
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.804 min Scan# 80
Delta R.T. 0.000 min
Lab File: BM037464.D
Acq: 11 Nov 2022 13:16

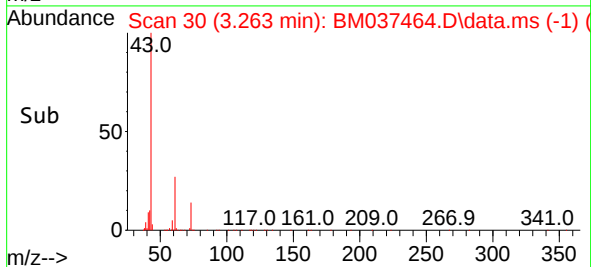
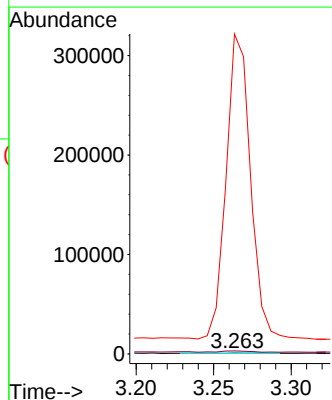
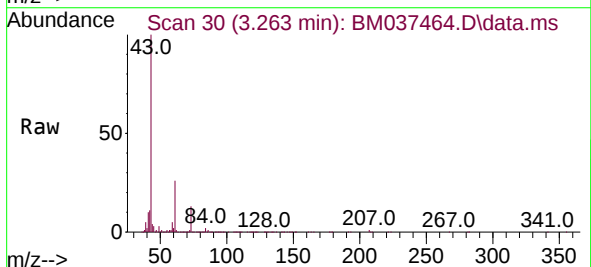
Instrument :
BNA_M
ClientSampleId :
TP-8

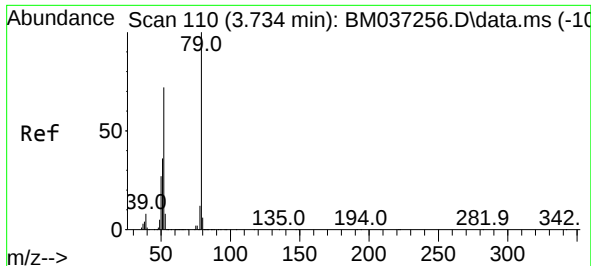
Tgt Ion:152 Resp: 273192
Ion Ratio Lower Upper
152 100
150 153.8 124.8 187.2
115 56.5 47.0 70.4



#2
1,4-Dioxane
Concen: 0.098 ng
RT: 3.263 min Scan# 30
Delta R.T. 0.012 min
Lab File: BM037464.D
Acq: 11 Nov 2022 13:16

Tgt Ion: 88 Resp: 637
Ion Ratio Lower Upper
88 100
58 258.2 63.5 95.3#
43 52881.3 24.2 36.4#

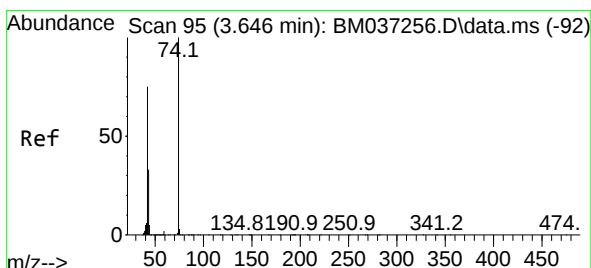
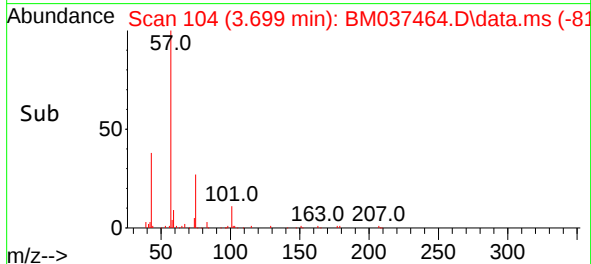
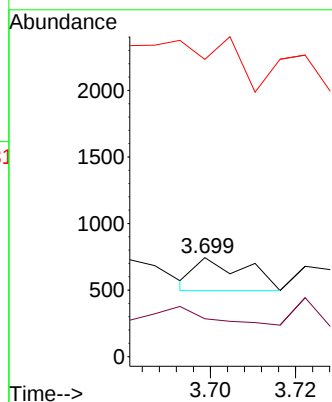
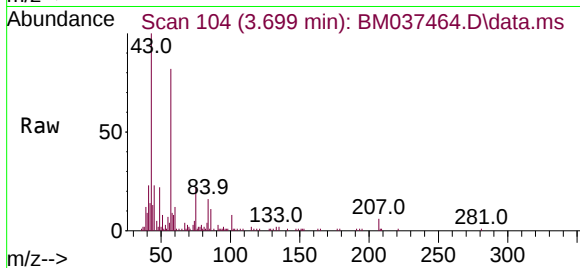




#3
Pyridine
Concen: 0.011 ng
RT: 3.699 min Scan# 10
Delta R.T. 0.035 min
Lab File: BM037464.D
Acq: 11 Nov 2022 13:16

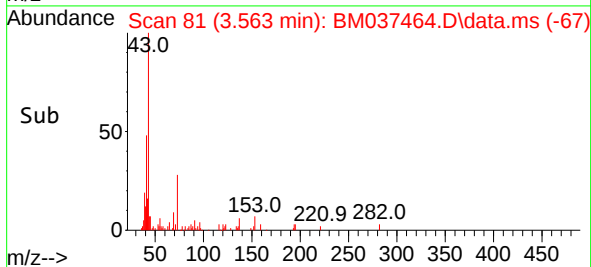
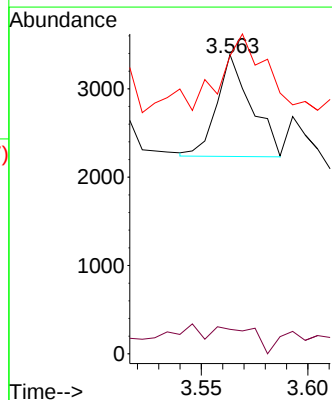
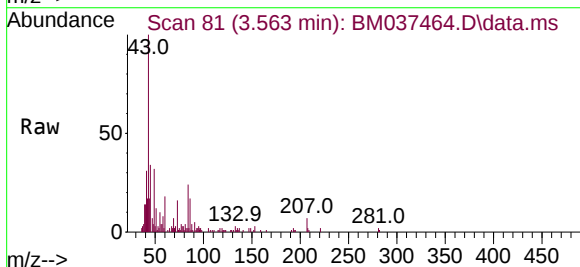
Instrument :
BNA_M
ClientSampleId :
TP-8

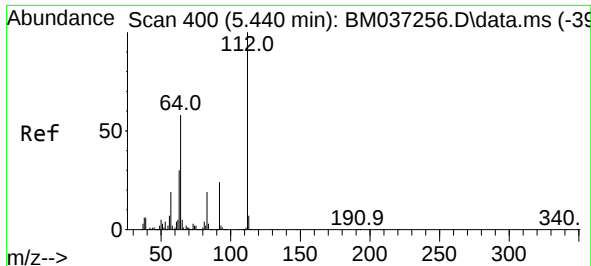
Tgt Ion: 79 Resp: 204
Ion Ratio Lower Upper
79 100
52 38.3 57.8 86.6#
51 300.1 29.0 43.6#



#4
n-Nitrosodimethylamine
Concen: 0.153 ng
RT: 3.563 min Scan# 81
Delta R.T. -0.018 min
Lab File: BM037464.D
Acq: 11 Nov 2022 13:16

Tgt Ion: 42 Resp: 1289
Ion Ratio Lower Upper
42 100
74 8.2 106.2 159.2#
44 99.6 5.4 8.0#

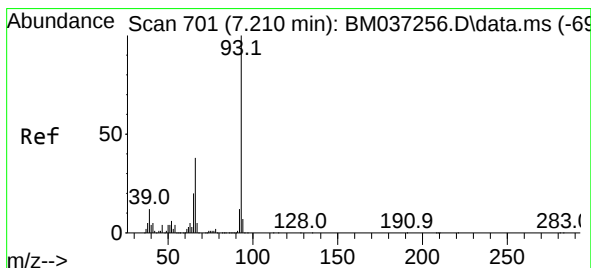
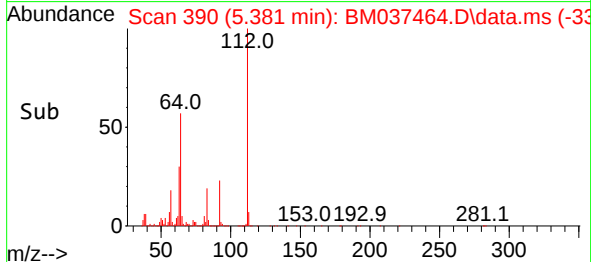
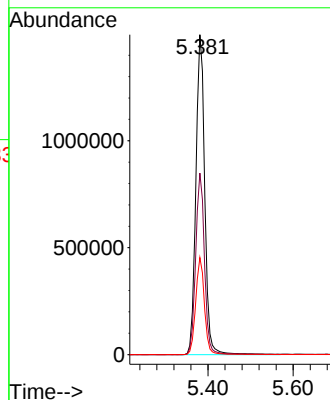
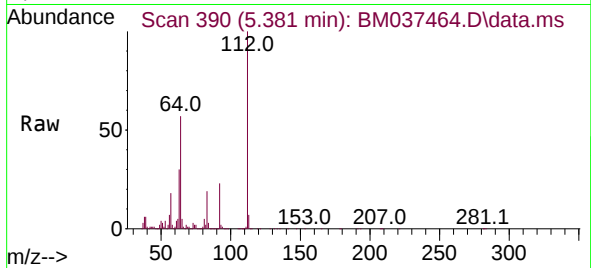




#5
2-Fluorophenol
Concen: 136.699 ng
RT: 5.381 min Scan# 39
Delta R.T. 0.006 min
Lab File: BM037464.D
Acq: 11 Nov 2022 13:16

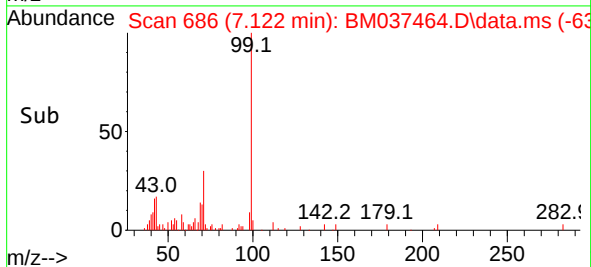
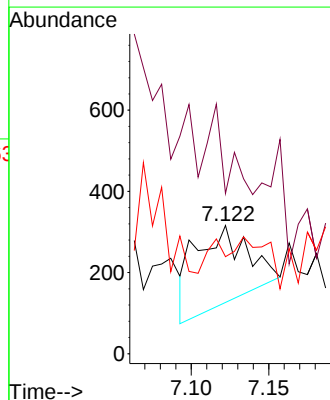
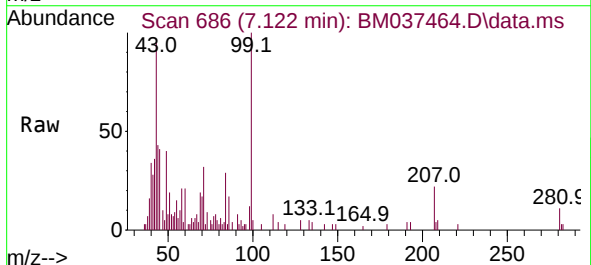
Instrument :
BNA_M
ClientSampleId :
TP-8

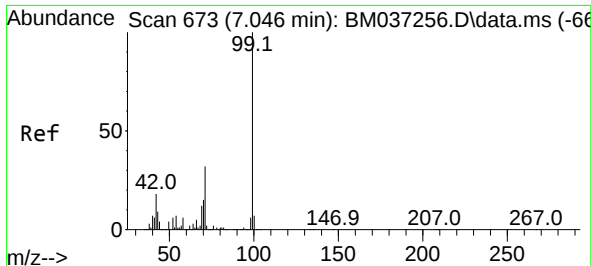
Tgt Ion:112 Resp: 2161624
Ion Ratio Lower Upper
112 100
64 56.8 46.8 70.2
63 30.3 24.4 36.6



#6
Aniline
Concen: 0.017 ng
RT: 7.122 min Scan# 686
Delta R.T. -0.023 min
Lab File: BM037464.D
Acq: 11 Nov 2022 13:16

Tgt Ion: 93 Resp: 459
Ion Ratio Lower Upper
93 100
66 125.0 30.4 45.6#
65 75.6 16.2 24.2#

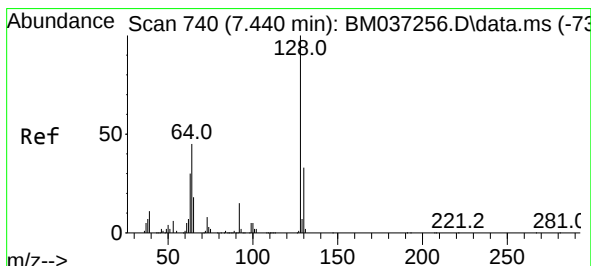
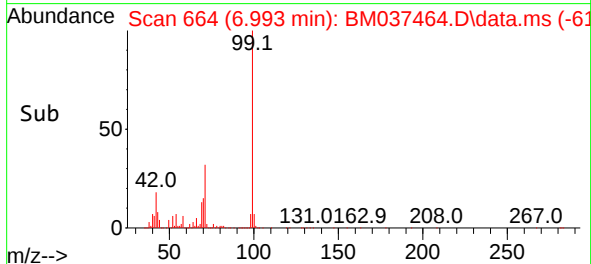
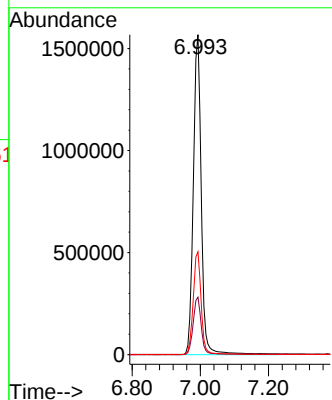
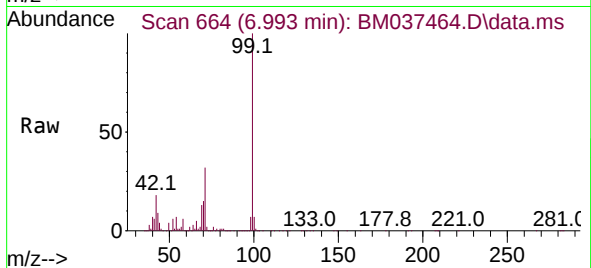




#7
Phenol-d6
Concen: 118.605 ng
RT: 6.993 min Scan# 60
Delta R.T. 0.000 min
Lab File: BM037464.D
Acq: 11 Nov 2022 13:16

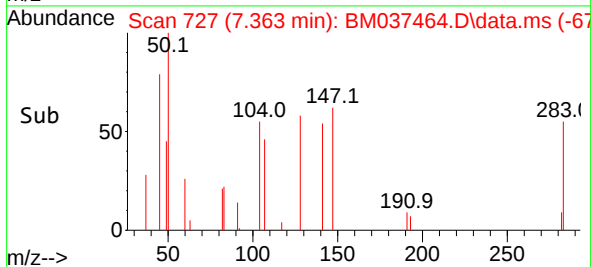
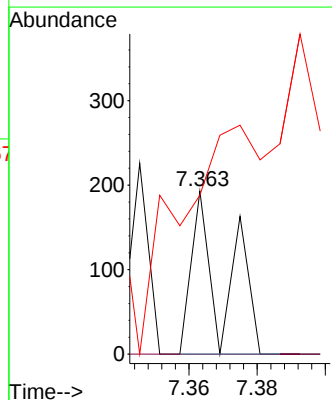
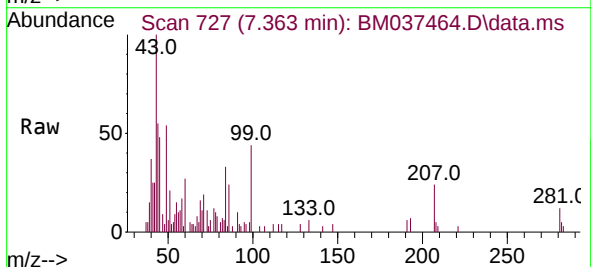
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ClientSampleId :
TP-8

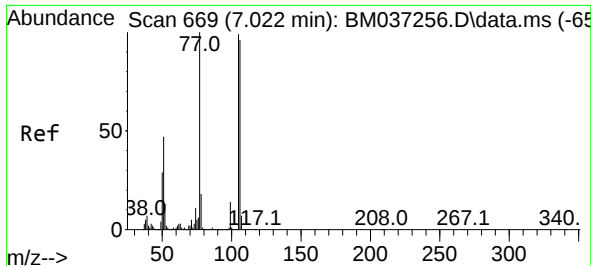
Tgt Ion: 99 Resp: 2545466
Ion Ratio Lower Upper
99 100
42 17.9 14.8 22.2
71 32.1 25.6 38.4



#8
2-Chlorophenol
Concen: 0.007 ng
RT: 7.363 min Scan# 727
Delta R.T. -0.012 min
Lab File: BM037464.D
Acq: 11 Nov 2022 13:16

Tgt Ion: 128 Resp: 126
Ion Ratio Lower Upper
128 100
130 0.0 12.7 52.7#
64 97.4 26.4 66.4#

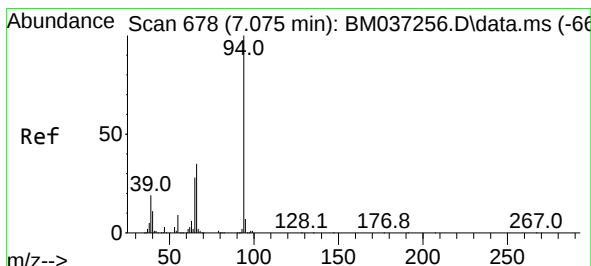
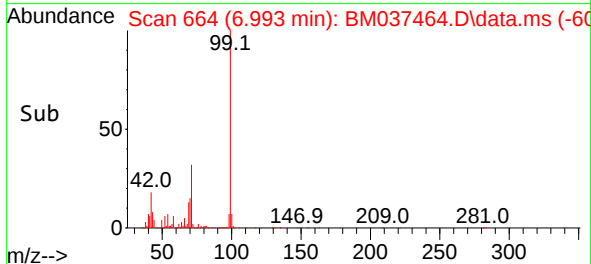
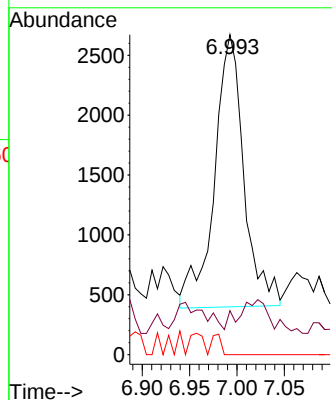
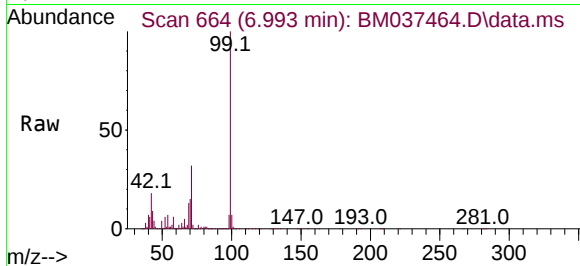




#9
Benzaldehyde
Concen: 0.455 ng
RT: 6.993 min Scan# 60
Delta R.T. 0.035 min
Lab File: BM037464.D
Acq: 11 Nov 2022 13:16

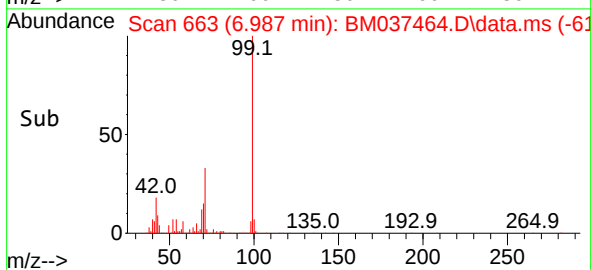
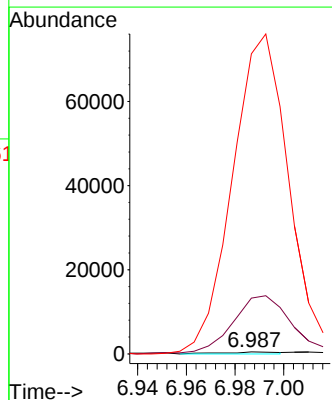
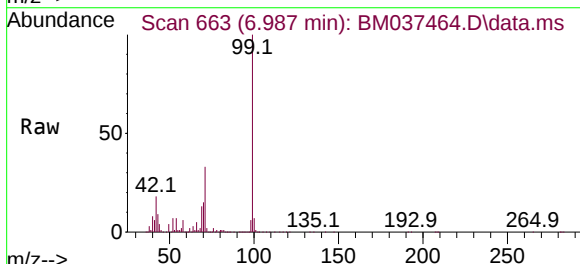
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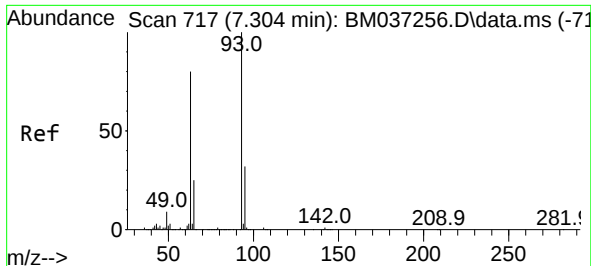
Tgt Ion: 77 Resp: 4941
Ion Ratio Lower Upper
77 100
105 13.7 78.6 118.6#
106 0.0 75.8 115.8#



#10
Phenol
Concen: 0.029 ng
RT: 6.987 min Scan# 663
Delta R.T. -0.029 min
Lab File: BM037464.D
Acq: 11 Nov 2022 13:16

Tgt Ion: 94 Resp: 709
Ion Ratio Lower Upper
94 100
65 2788.2 8.1 48.1#
66 15019.8 15.5 55.5#





#11

bis(2-Chloroethyl)ether

Concen: 0.014 ng

RT: 7.228 min Scan# 704

Delta R.T. -0.012 min

Lab File: BM037464.D

Acq: 11 Nov 2022 13:16

Instrument :

BNA_M

ClientSampleId :

TP-8

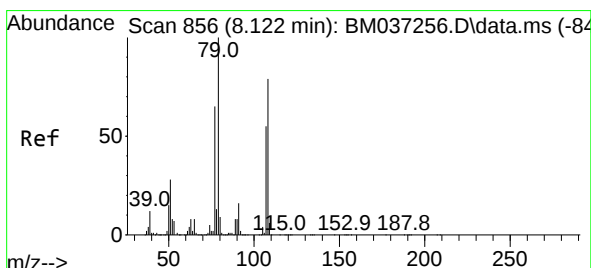
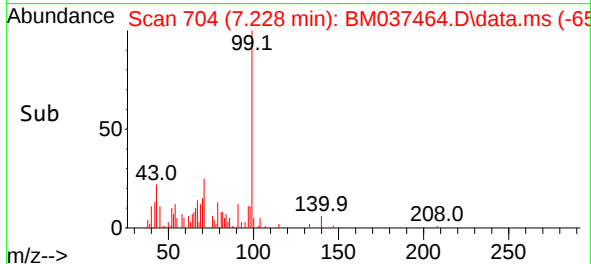
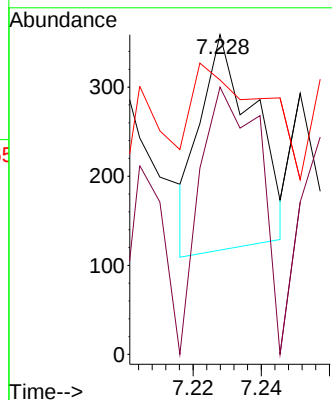
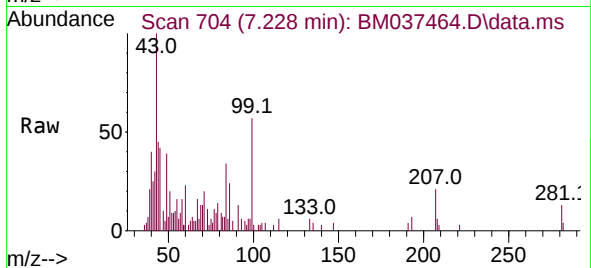
Tgt Ion: 93 Resp: 265

Ion Ratio Lower Upper

93 100

63 83.6 59.3 99.3

95 85.8 12.0 52.0#



#15

Benzyl Alcohol

Concen: 0.036 ng

RT: 8.093 min Scan# 851

Delta R.T. 0.030 min

Lab File: BM037464.D

Acq: 11 Nov 2022 13:16

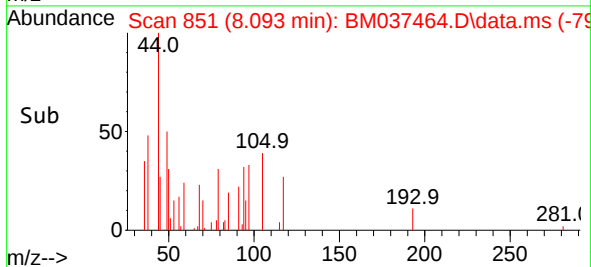
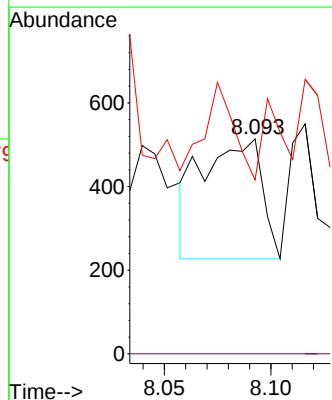
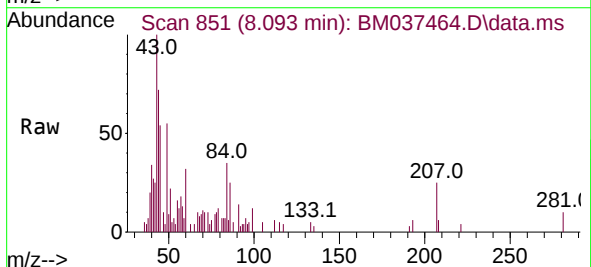
Tgt Ion: 79 Resp: 556

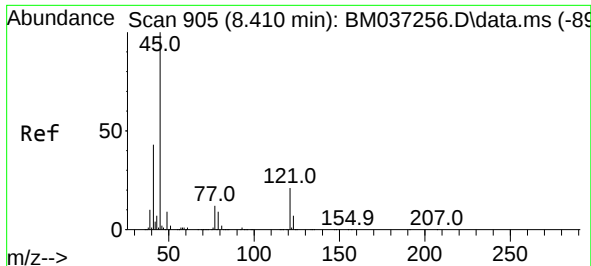
Ion Ratio Lower Upper

79 100

108 0.0 63.1 94.7#

77 80.9 51.7 77.5#

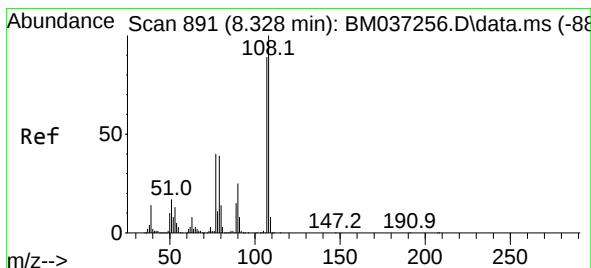
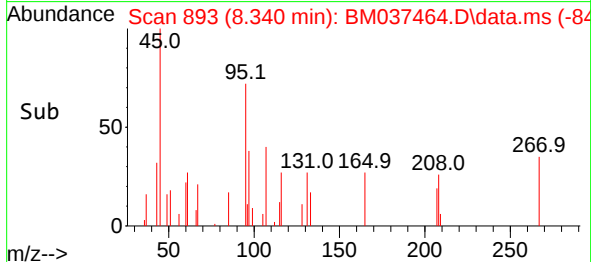
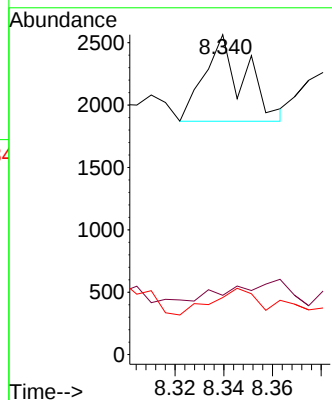
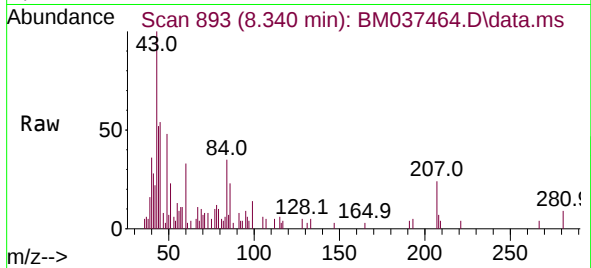




#16
2,2'-oxybis(1-Chloropropane)
Concen: 0.029 ng
RT: 8.340 min Scan# 891
Delta R.T. -0.006 min
Lab File: BM037464.D
Acq: 11 Nov 2022 13:16

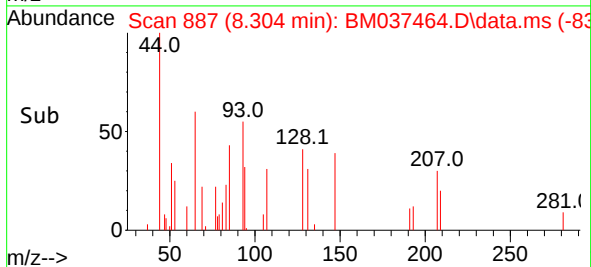
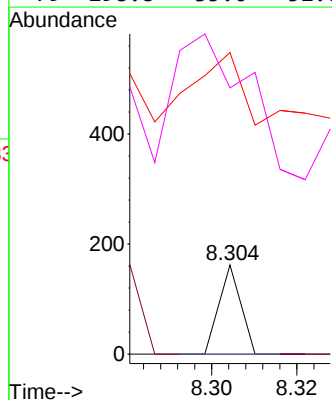
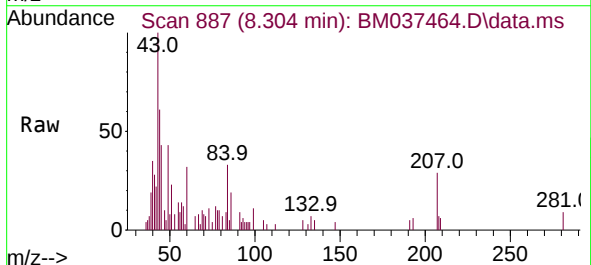
Instrument :
BNA_M
ClientSampleId :
TP-8

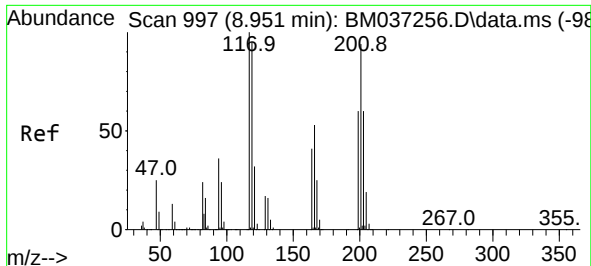
Tgt Ion:	45	Resp:	792
Ion Ratio	Lower	Upper	
45	100		
77	18.5	0.0	34.0
79	17.8	0.0	30.6



#17
2-Methylphenol
Concen: 0.004 ng
RT: 8.304 min Scan# 887
Delta R.T. 0.035 min
Lab File: BM037464.D
Acq: 11 Nov 2022 13:16

Tgt Ion:	107	Resp:	57
Ion Ratio	Lower	Upper	
107	100		
108	0.0	89.5	134.3#
77	338.3	36.2	54.2#
79	298.8	35.0	52.6#

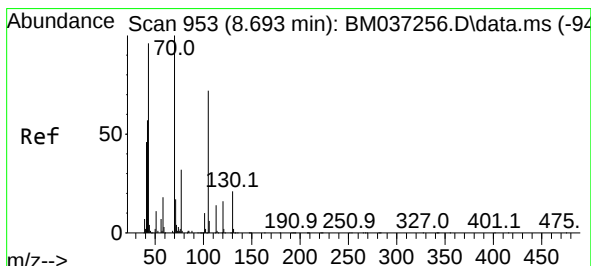
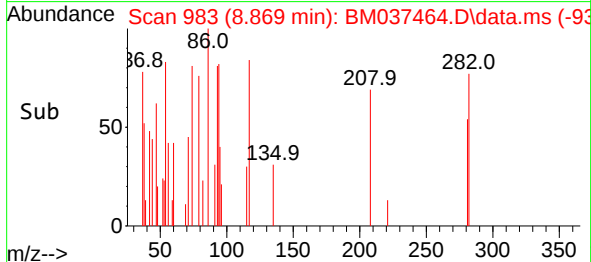
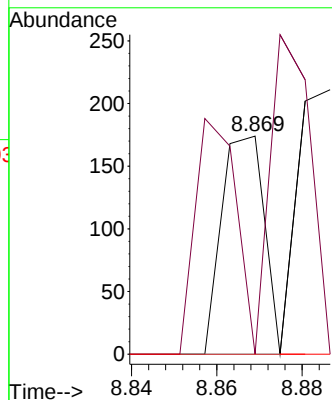
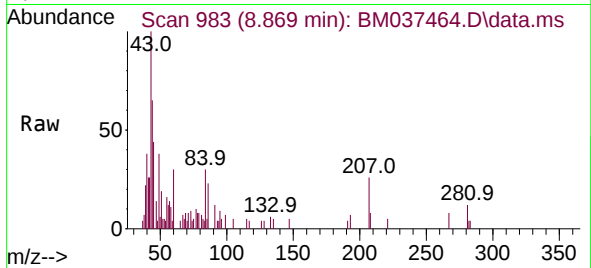




#18
Hexachloroethane
Concen: 0.016 ng
RT: 8.869 min Scan# 983
Delta R.T. -0.006 min
Lab File: BM037464.D
Acq: 11 Nov 2022 13:16

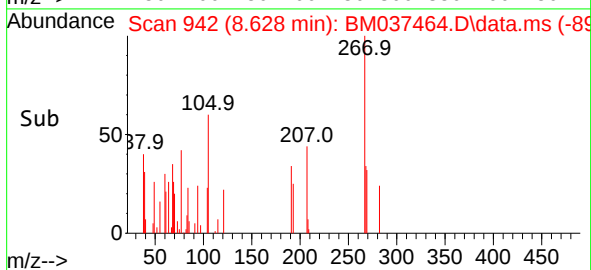
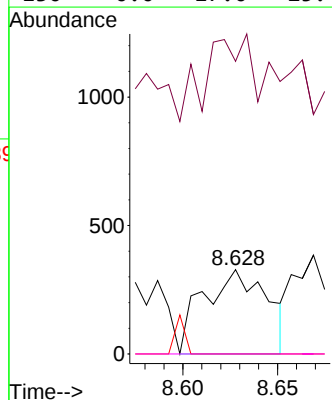
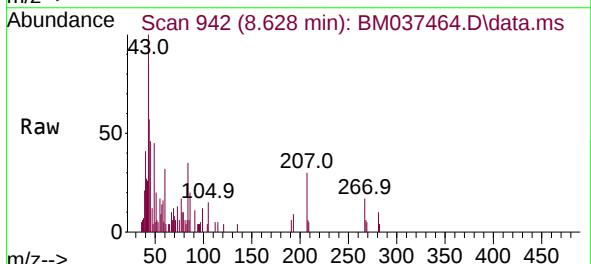
Instrument :
BNA_M
ClientSampleId :
TP-8

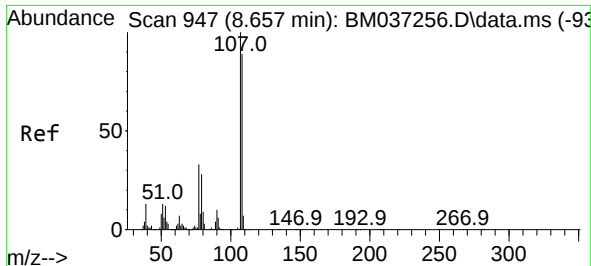
Tgt Ion:117 Resp: 121
Ion Ratio Lower Upper
117 100
119 0.0 75.9 113.9#
201 0.0 75.0 112.4#



#19
n-Nitroso-di-n-propylamine
Concen: 0.125 ng
RT: 8.628 min Scan# 942
Delta R.T. 0.000 min
Lab File: BM037464.D
Acq: 11 Nov 2022 13:16

Tgt Ion: 70 Resp: 768
Ion Ratio Lower Upper
70 100
42 347.3 46.4 69.6#
101 0.0 7.8 11.8#
130 0.0 17.0 25.4#

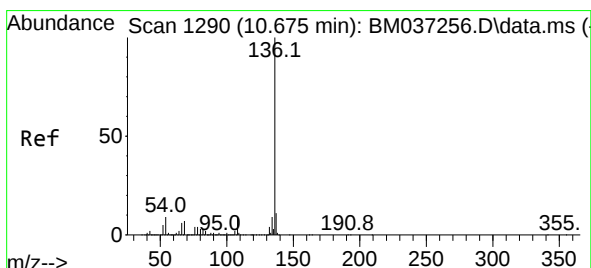
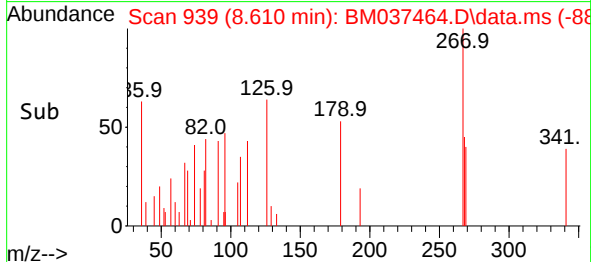
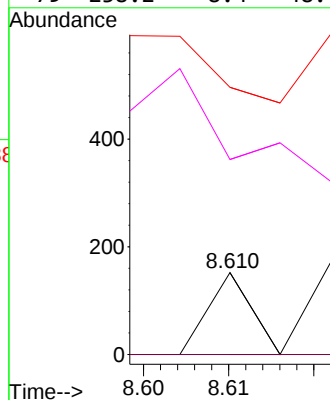
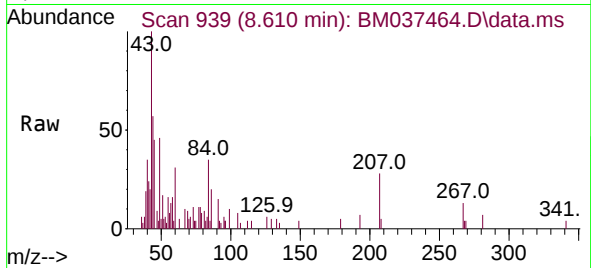




#20
3+4-Methylphenols
Concen: 0.003 ng
RT: 8.610 min Scan# 947
Delta R.T. 0.012 min
Lab File: BM037464.D
Acq: 11 Nov 2022 13:16

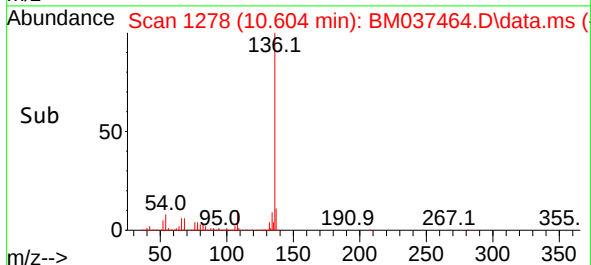
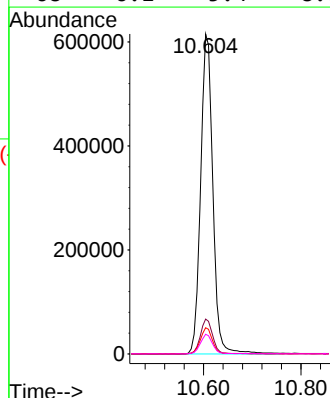
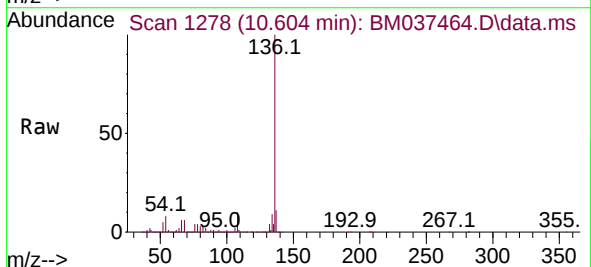
Instrument :
BNA_M
ClientSampleId :
TP-8

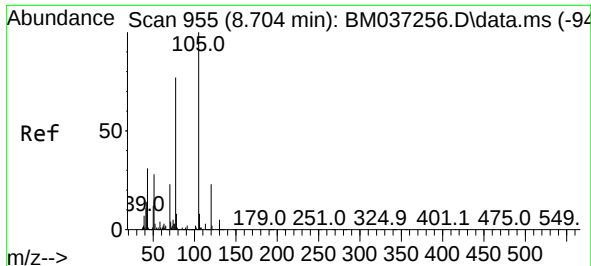
Tgt Ion:107 Resp: 54
Ion Ratio Lower Upper
107 100
108 0.0 69.4 109.4#
77 326.3 12.8 52.8#
79 238.2 8.4 48.4#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.604 min Scan# 1278
Delta R.T. -0.006 min
Lab File: BM037464.D
Acq: 11 Nov 2022 13:16

Tgt Ion:136 Resp: 1067371
Ion Ratio Lower Upper
136 100
137 10.9 9.0 13.4
54 8.2 7.0 10.4
68 6.1 5.4 8.0

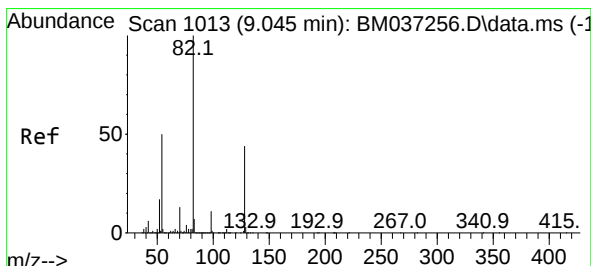
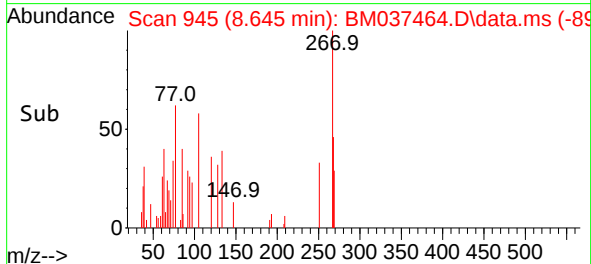
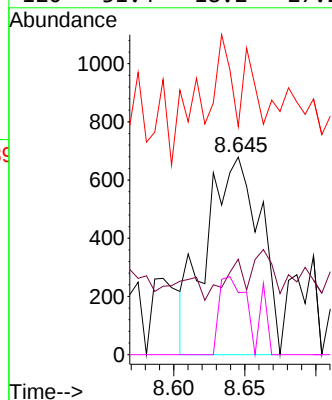
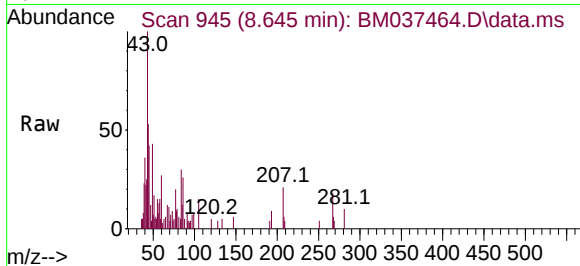




#22
Acetophenone
Concen: 0.065 ng
RT: 8.645 min Scan# 94
Delta R.T. 0.000 min
Lab File: BM037464.D
Acq: 11 Nov 2022 13:16

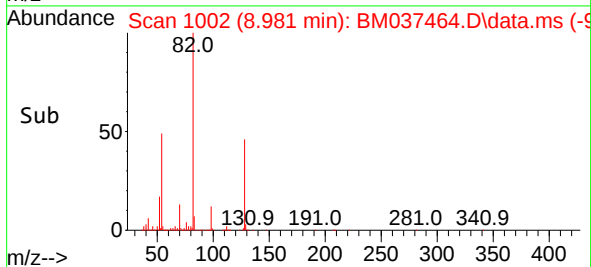
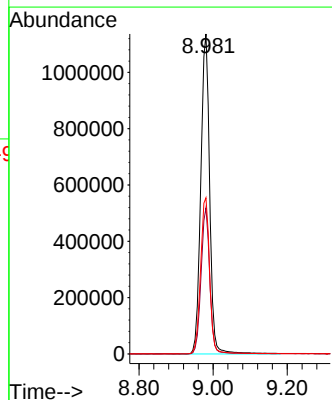
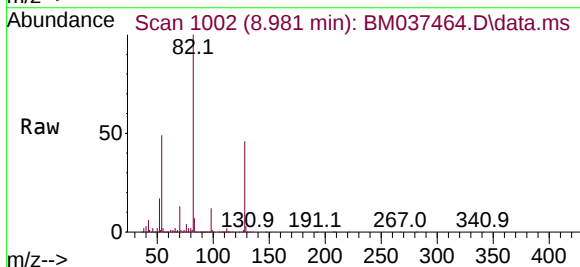
Instrument :
BNA_M
ClientSampleId :
TP-8

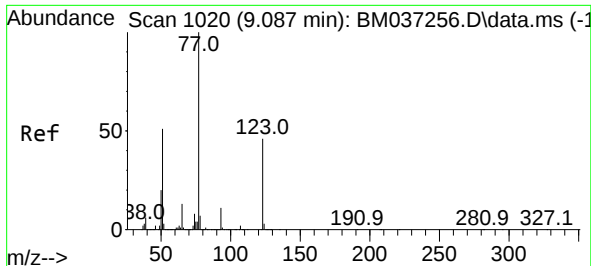
Tgt Ion:	105	Resp:	1793
Ion	Ratio	Lower	Upper
105	100		
71	48.3	3.0	4.4#
51	115.5	22.1	33.1#
120	31.4	18.2	27.2#



#23
Nitrobenzene-d5
Concen: 89.484 ng
RT: 8.981 min Scan# 1002
Delta R.T. 0.000 min
Lab File: BM037464.D
Acq: 11 Nov 2022 13:16

Tgt Ion:	82	Resp:	1893110
Ion	Ratio	Lower	Upper
82	100		
128	45.6	35.2	52.8
54	48.8	40.4	60.6

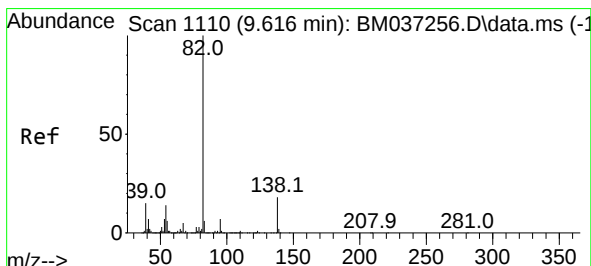
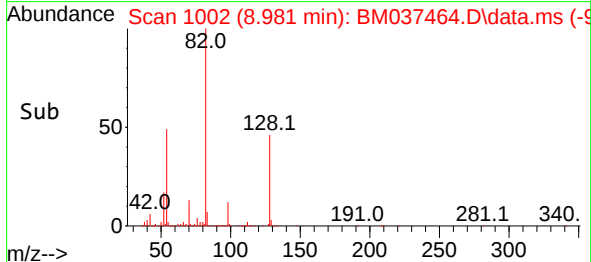
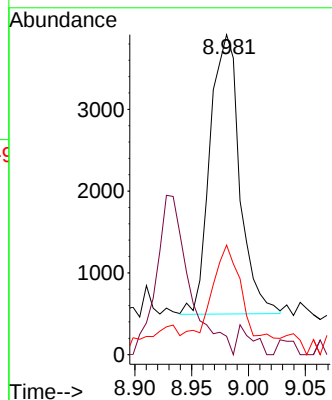
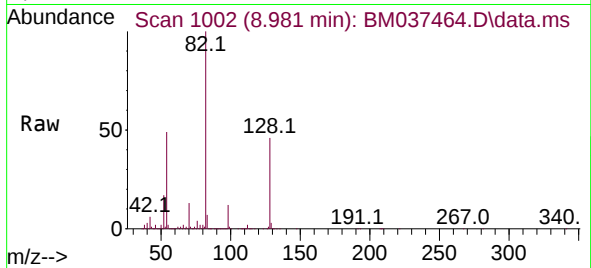




#24
Nitrobenzene
Concen: 0.290 ng
RT: 8.981 min Scan# 10
Delta R.T. -0.041 min
Lab File: BM037464.D
Acq: 11 Nov 2022 13:16

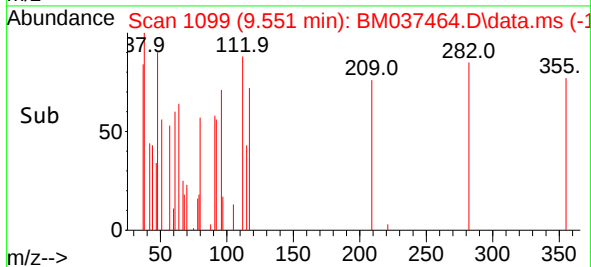
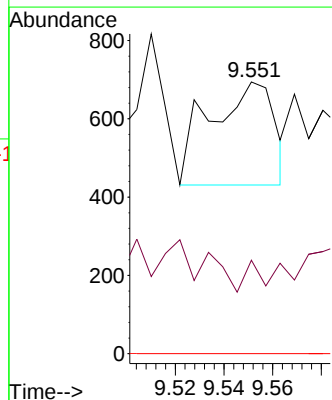
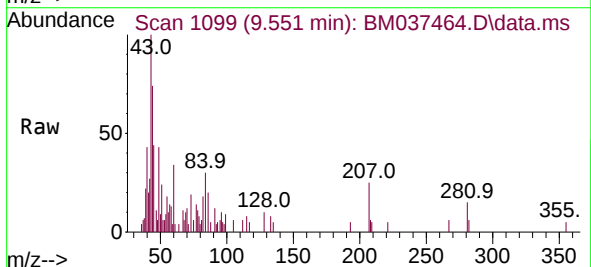
Instrument :
BNA_M
ClientSampleId :
TP-8

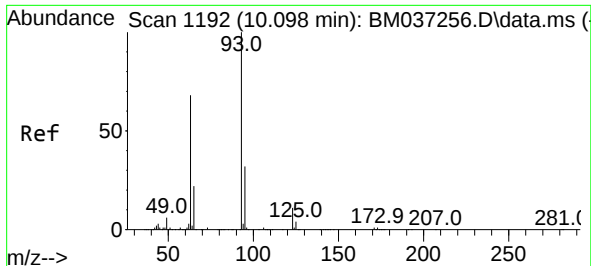
Tgt Ion: 77 Resp: 6213
Ion Ratio Lower Upper
77 100
123 5.7 36.6 55.0#
65 34.2 10.6 16.0#



#25
Isophorone
Concen: 0.014 ng
RT: 9.551 min Scan# 1099
Delta R.T. 0.000 min
Lab File: BM037464.D
Acq: 11 Nov 2022 13:16

Tgt Ion: 82 Resp: 482
Ion Ratio Lower Upper
82 100
95 34.4 5.4 8.0#
138 0.0 14.2 21.4#

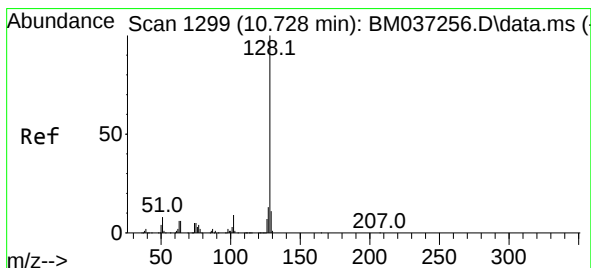
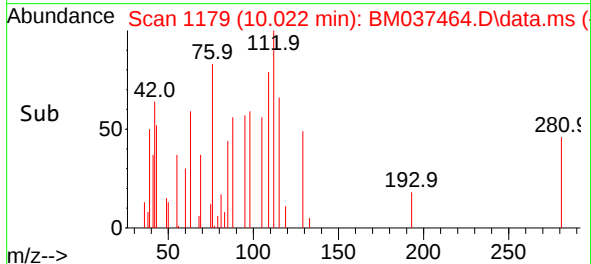
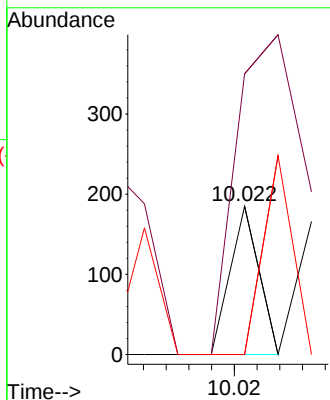
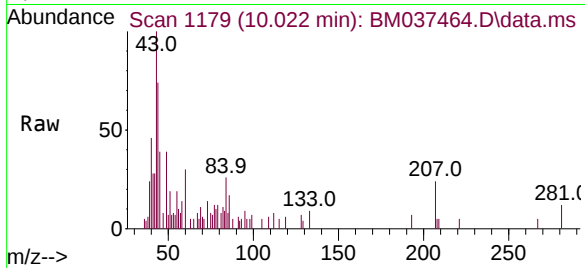




#28
bis(2-Chloroethoxy)methane
Concen: 0.003 ng
RT: 10.022 min Scan# 1192
Delta R.T. -0.012 min
Lab File: BM037464.D
Acq: 11 Nov 2022 13:16

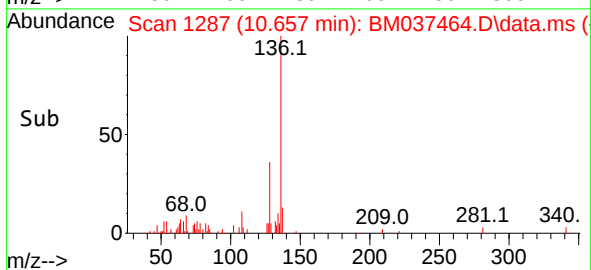
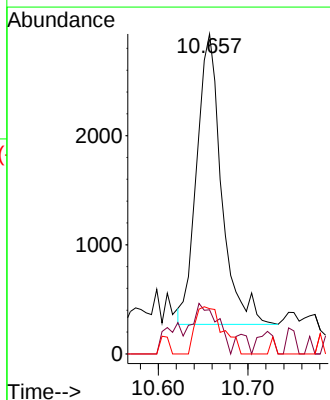
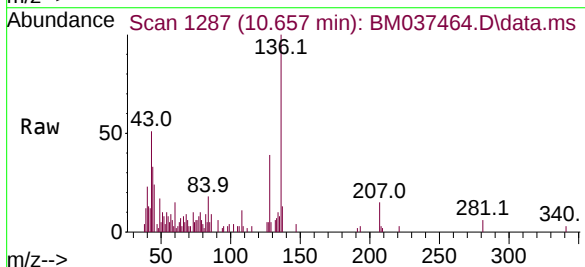
Instrument :
BNA_M
ClientSampleId :
TP-8

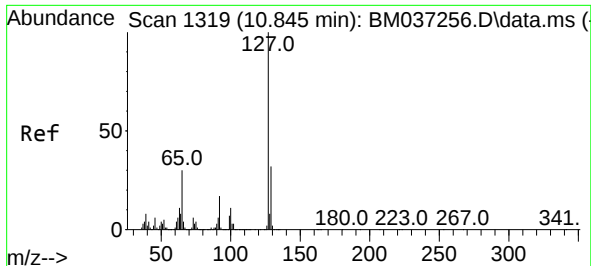
Tgt Ion: 93 Resp: 65
Ion Ratio Lower Upper
93 100
95 189.2 25.8 38.8#
123 0.0 9.3 13.9#



#31
Naphthalene
Concen: 0.084 ng
RT: 10.657 min Scan# 1287
Delta R.T. 0.000 min
Lab File: BM037464.D
Acq: 11 Nov 2022 13:16

Tgt Ion:128 Resp: 5102
Ion Ratio Lower Upper
128 100
129 13.8 8.7 13.1#
127 14.1 10.2 15.2

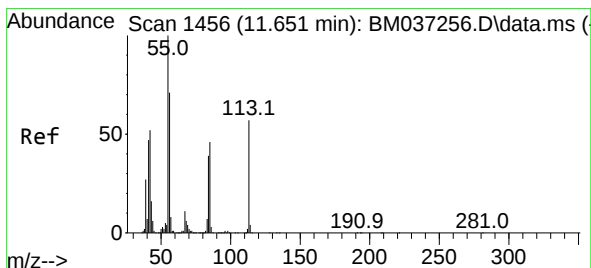
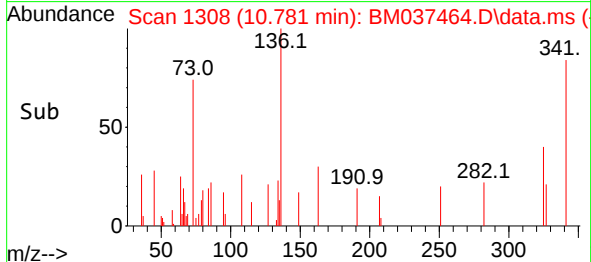
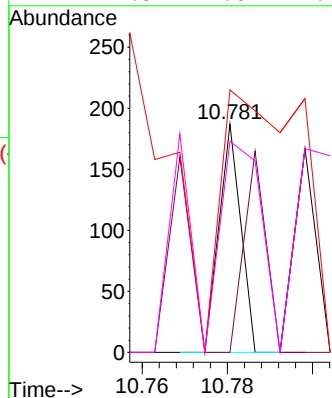
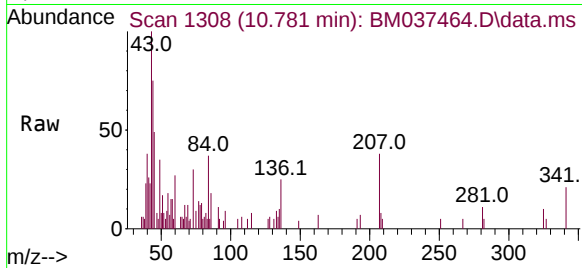




#33
4-Chloroaniline
Concen: 0.003 ng
RT: 10.781 min Scan# 1319
Delta R.T. -0.006 min
Lab File: BM037464.D
Acq: 11 Nov 2022 13:16

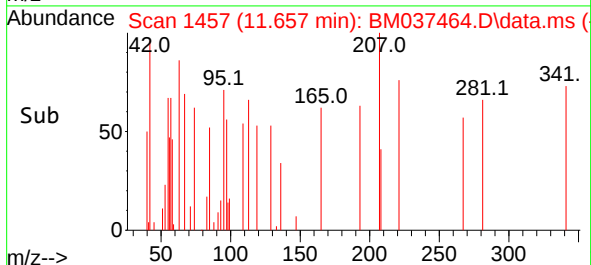
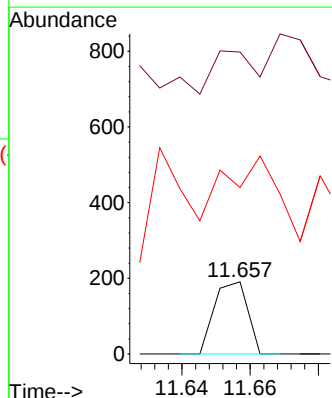
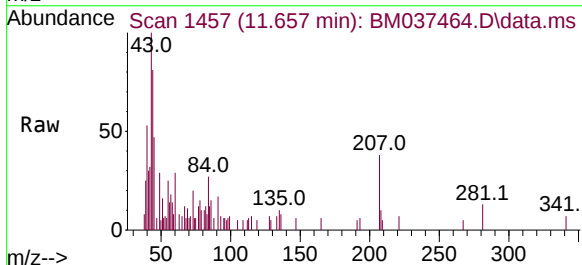
Instrument :
BNA_M
ClientSampleId :
TP-8

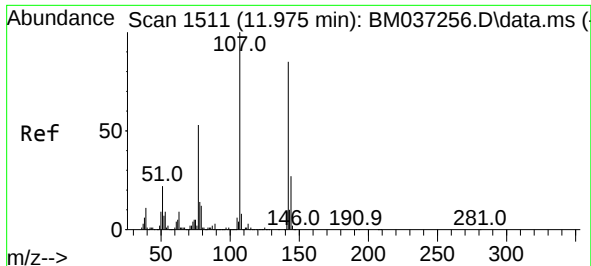
Tgt Ion:127	Resp:	66
Ion	Ratio	Lower Upper
127	100	
129	0.0	25.5 38.3#
65	115.0	24.0 36.0#
92	92.5	14.0 21.0#



#35
Caprolactam
Concen: 0.026 ng
RT: 11.657 min Scan# 1457
Delta R.T. 0.041 min
Lab File: BM037464.D
Acq: 11 Nov 2022 13:16

Tgt Ion:113	Resp:	129
Ion	Ratio	Lower Upper
113	100	
55	417.8	156.9 196.9#
56	230.4	106.4 146.4#

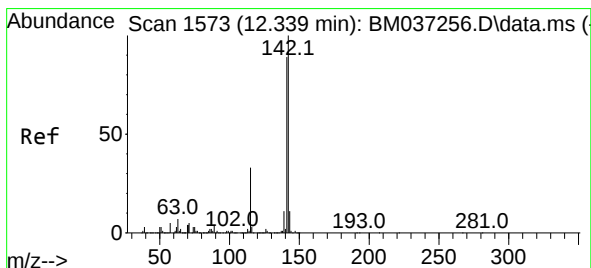
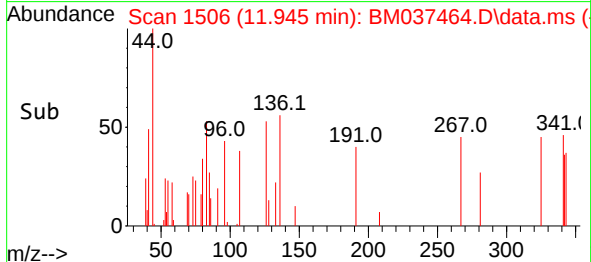
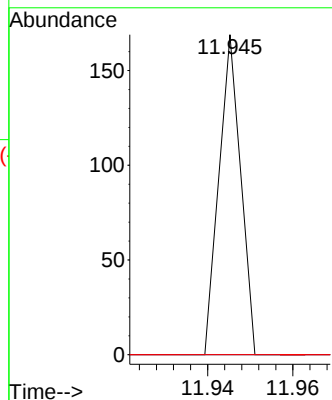
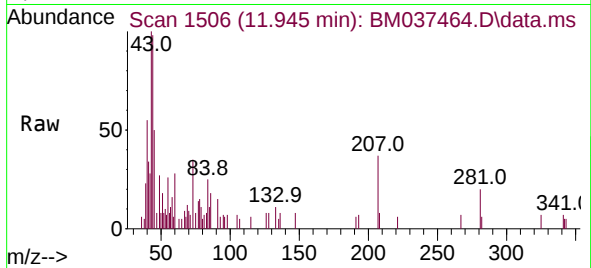




#36
4-Chloro-3-methylphenol
Concen: 0.004 ng
RT: 11.945 min Scan# 11
Delta R.T. 0.024 min
Lab File: BM037464.D
Acq: 11 Nov 2022 13:16

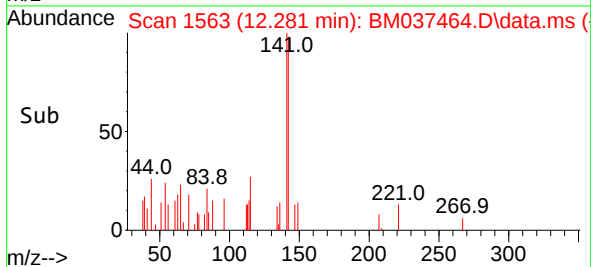
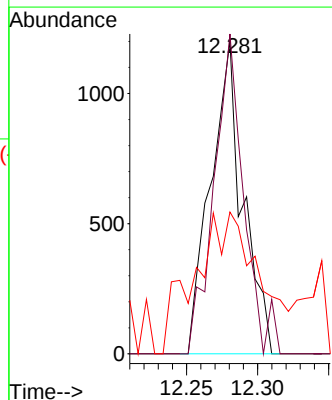
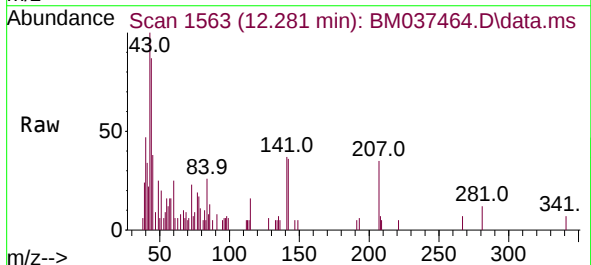
Instrument :
BNA_M
ClientSampleId :
TP-8

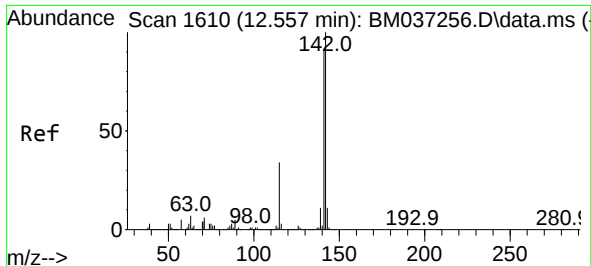
Tgt Ion:107 Resp: 60
Ion Ratio Lower Upper
107 100
144 0.0 21.8 32.6#
142 0.0 68.1 102.1#



#37
2-Methylnaphthalene
Concen: 0.046 ng
RT: 12.281 min Scan# 1563
Delta R.T. 0.006 min
Lab File: BM037464.D
Acq: 11 Nov 2022 13:16

Tgt Ion:142 Resp: 1892
Ion Ratio Lower Upper
142 100
141 102.2 71.3 106.9
115 45.3 26.0 39.0#

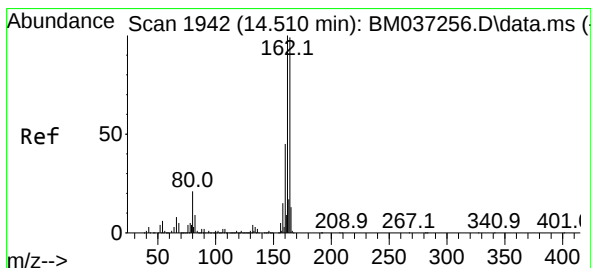
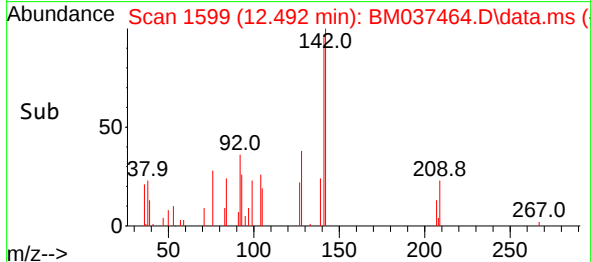
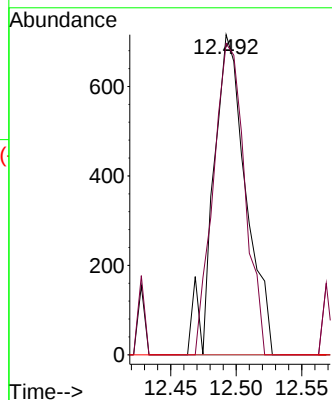
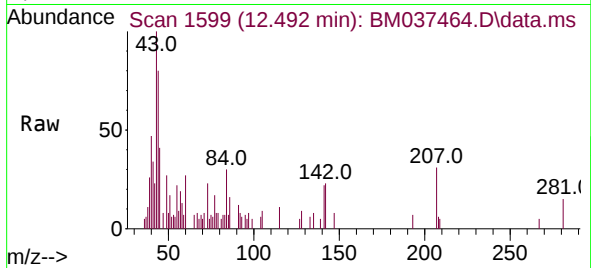




#38
1-Methylnaphthalene
Concen: 0.031 ng
RT: 12.492 min Scan# 11
Delta R.T. 0.000 min
Lab File: BM037464.D
Acq: 11 Nov 2022 13:16

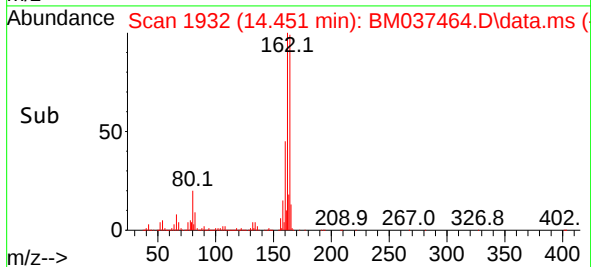
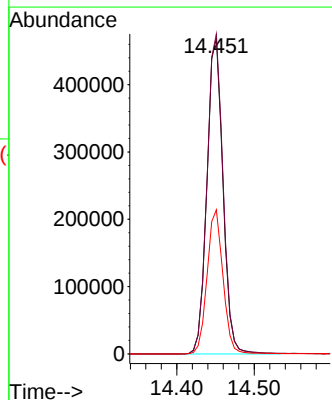
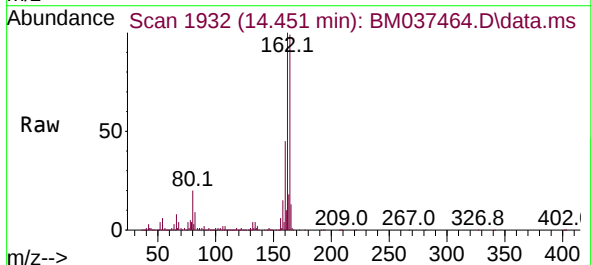
Instrument :
BNA_M
ClientSampleId :
TP-8

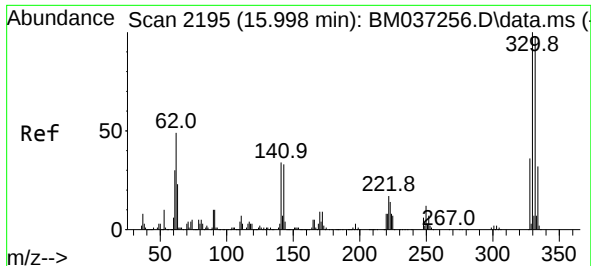
Tgt Ion:142 Resp: 1241
Ion Ratio Lower Upper
142 100
141 97.2 73.0 109.6
116 0.0 2.8 4.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.451 min Scan# 1932
Delta R.T. 0.000 min
Lab File: BM037464.D
Acq: 11 Nov 2022 13:16

Tgt Ion:164 Resp: 672148
Ion Ratio Lower Upper
164 100
162 101.3 80.6 120.8
160 45.6 36.2 54.4

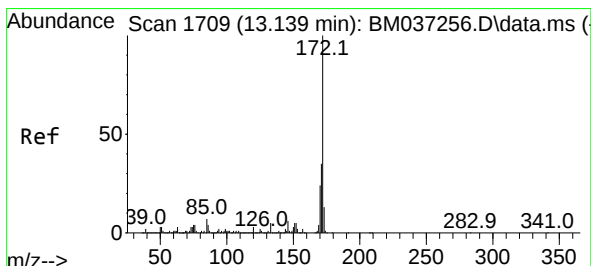
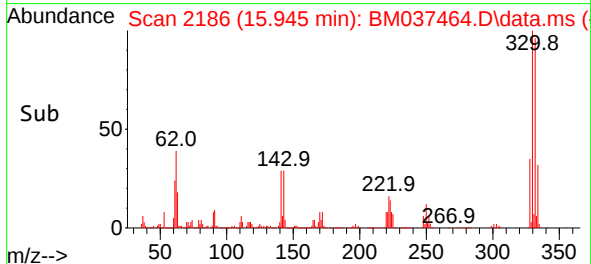
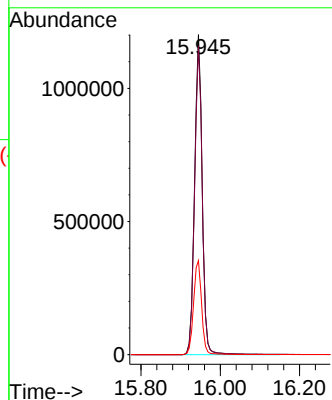
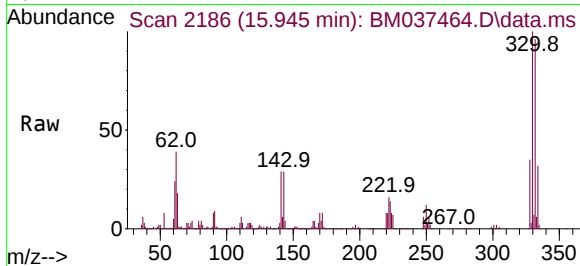




#42
2,4,6-Tribromophenol
Concen: 202.764 ng
RT: 15.945 min Scan# 2195
Delta R.T. 0.000 min
Lab File: BM037464.D
Acq: 11 Nov 2022 13:16

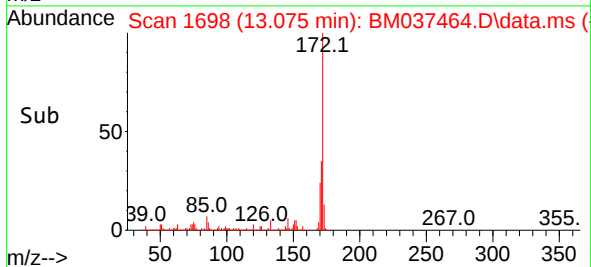
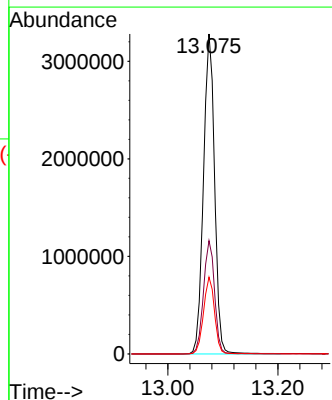
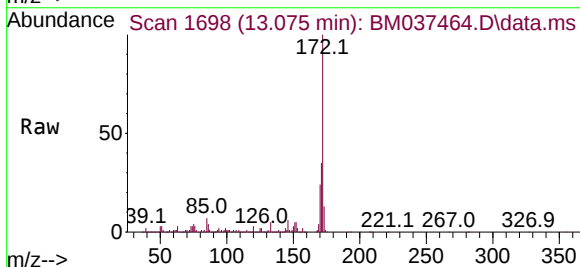
Instrument :
BNA_M
ClientSampleId :
TP-8

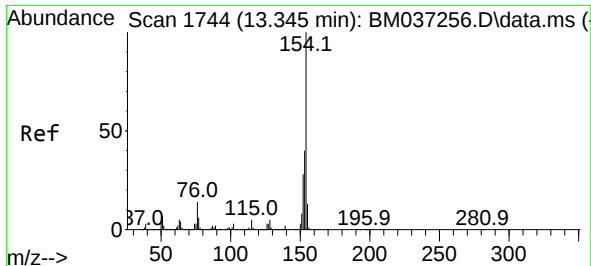
Tgt Ion:330 Resp: 1606102
Ion Ratio Lower Upper
330 100
332 96.7 78.0 117.0
141 31.0 27.5 41.3



#45
2-Fluorobiphenyl
Concen: 91.149 ng
RT: 13.075 min Scan# 1698
Delta R.T. 0.000 min
Lab File: BM037464.D
Acq: 11 Nov 2022 13:16

Tgt Ion:172 Resp: 4610969
Ion Ratio Lower Upper
172 100
171 35.4 28.1 42.1
170 24.0 19.0 28.4

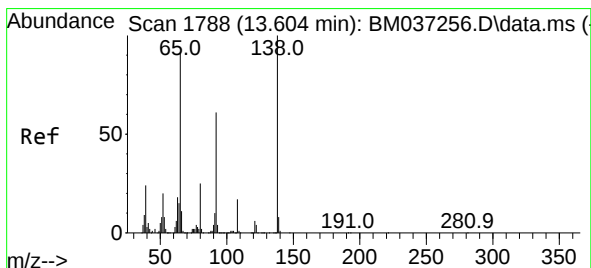
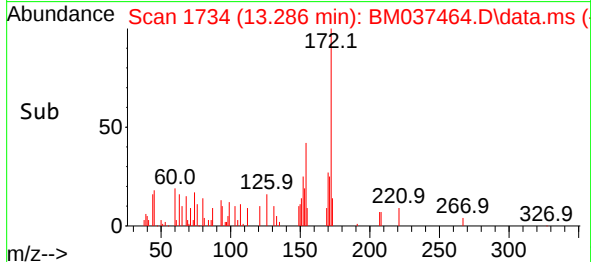
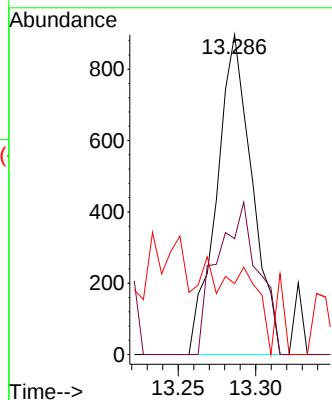
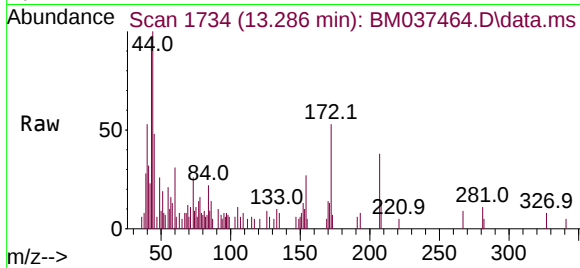




#46
1,1'-Biphenyl
Concen: 0.026 ng
RT: 13.286 min Scan# 11
Delta R.T. 0.000 min
Lab File: BM037464.D
Acq: 11 Nov 2022 13:16

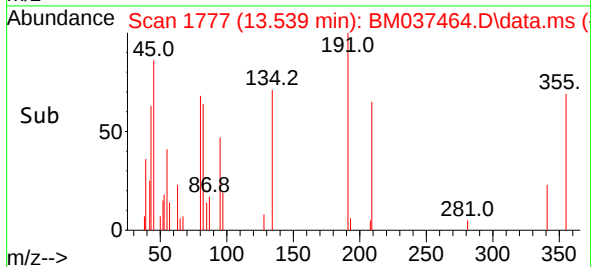
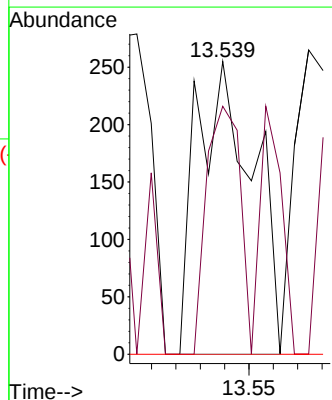
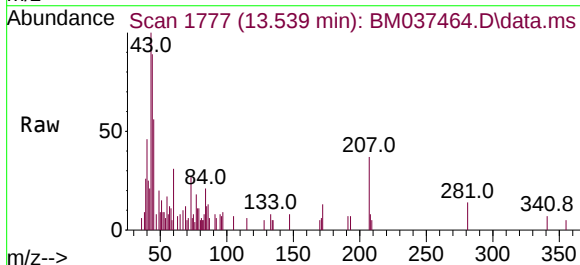
Instrument :
BNA_M
ClientSampleId :
TP-8

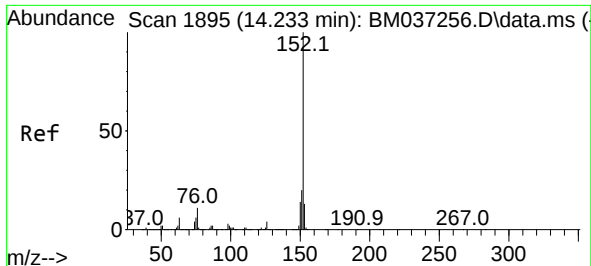
Tgt Ion:154 Resp: 1429
Ion Ratio Lower Upper
154 100
153 36.2 20.3 60.3
76 22.2 0.0 33.7



#48
2-Nitroaniline
Concen: 0.033 ng
RT: 13.539 min Scan# 1777
Delta R.T. -0.012 min
Lab File: BM037464.D
Acq: 11 Nov 2022 13:16

Tgt Ion: 65 Resp: 410
Ion Ratio Lower Upper
65 100
92 84.7 53.7 80.5#
138 0.0 87.4 131.2#

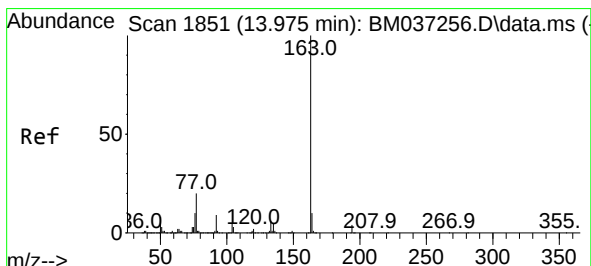
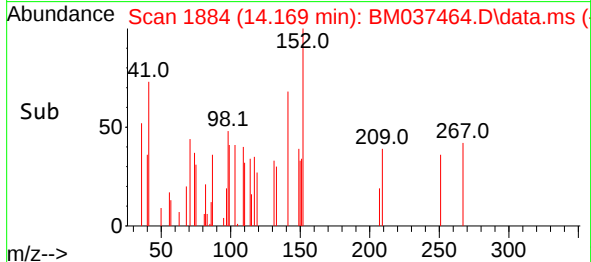
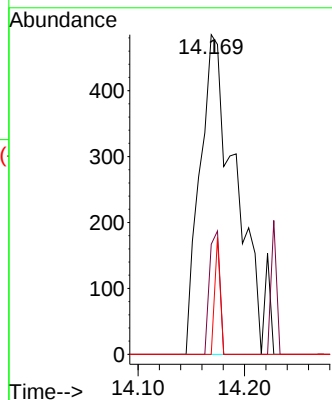
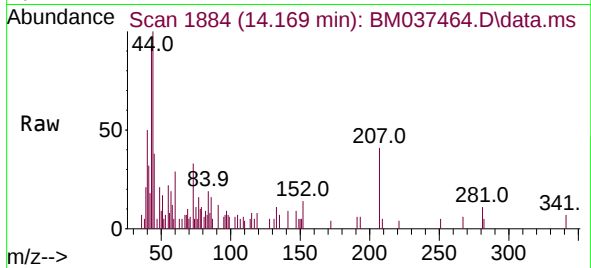




#49
Acenaphthylene
Concen: 0.017 ng
RT: 14.169 min Scan# 1884
Delta R.T. -0.006 min
Lab File: BM037464.D
Acq: 11 Nov 2022 13:16

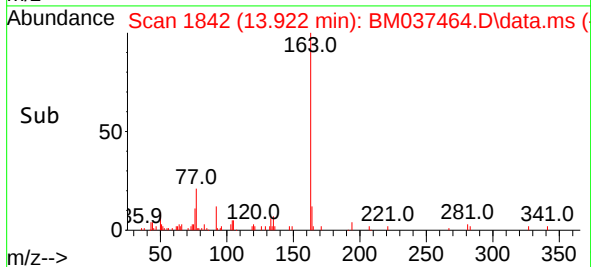
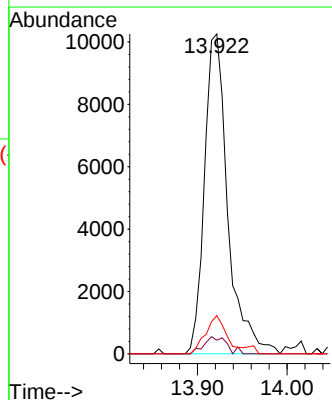
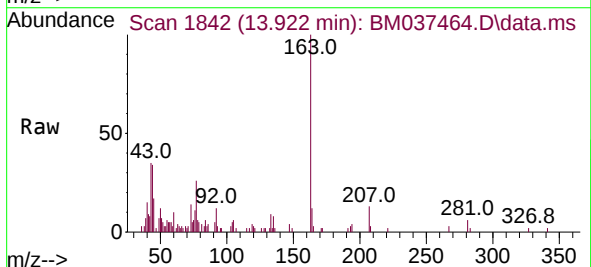
Instrument :
BNA_M
ClientSampleId :
TP-8

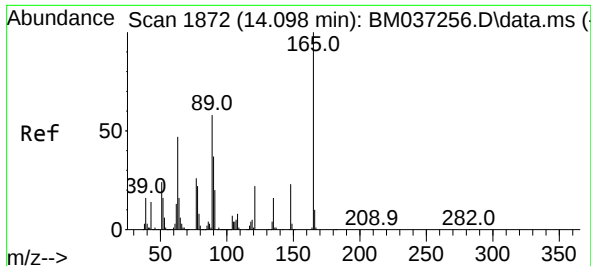
Tgt Ion:152 Resp: 1160
Ion Ratio Lower Upper
152 100
151 34.4 16.0 24.0#
153 0.0 10.6 15.8#



#50
Dimethylphthalate
Concen: 0.361 ng
RT: 13.922 min Scan# 1842
Delta R.T. -0.006 min
Lab File: BM037464.D
Acq: 11 Nov 2022 13:16

Tgt Ion:163 Resp: 18523
Ion Ratio Lower Upper
163 100
194 4.3 3.0 4.6
164 12.0 8.2 12.2

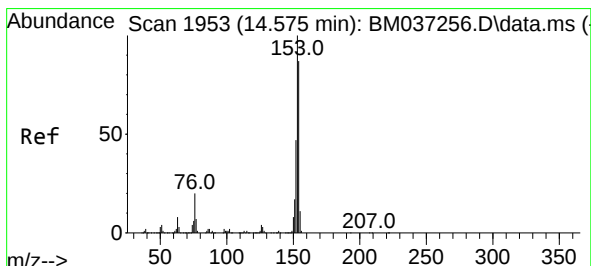
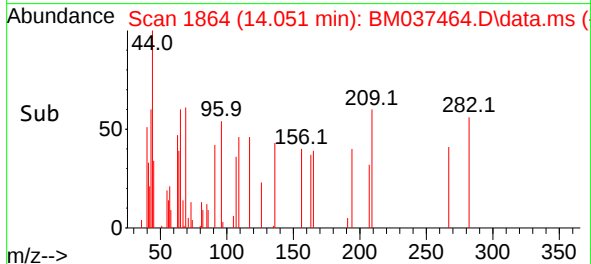
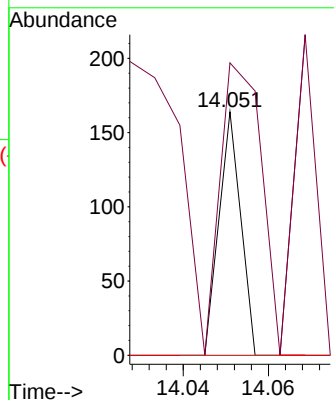
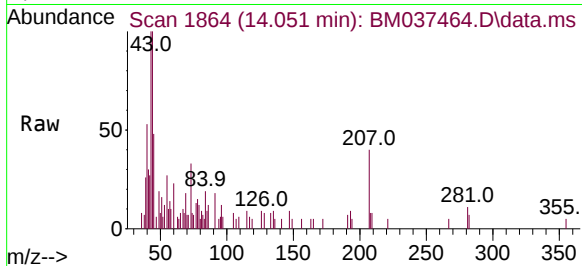




#51
2,6-Dinitrotoluene
Concen: 0.005 ng
RT: 14.051 min Scan# 1872
Delta R.T. 0.000 min
Lab File: BM037464.D
Acq: 11 Nov 2022 13:16

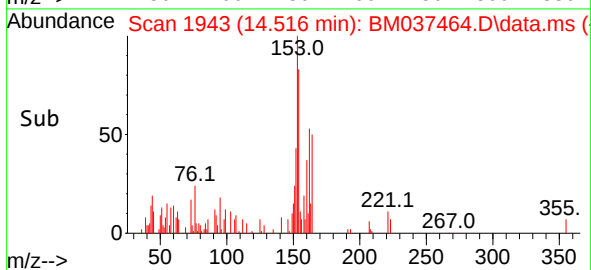
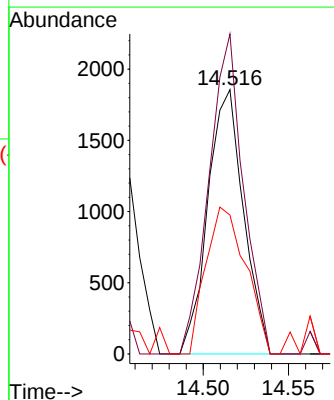
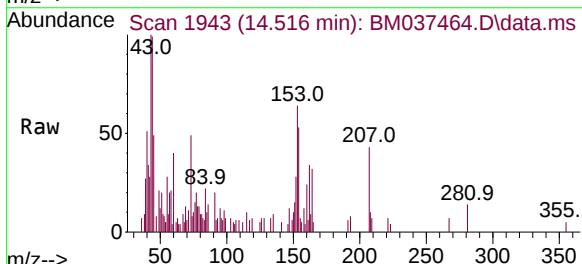
Instrument :
BNA_M
ClientSampleId :
TP-8

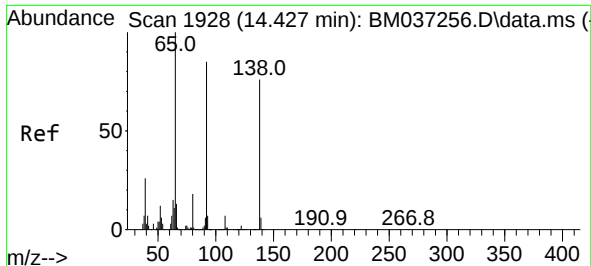
Tgt Ion:165 Resp: 58
Ion Ratio Lower Upper
165 100
63 120.1 46.2 69.2#
89 0.0 46.6 69.8#



#52
Acenaphthene
Concen: 0.065 ng
RT: 14.516 min Scan# 1943
Delta R.T. 0.000 min
Lab File: BM037464.D
Acq: 11 Nov 2022 13:16

Tgt Ion:154 Resp: 2705
Ion Ratio Lower Upper
154 100
153 121.1 91.5 137.3
152 52.5 43.0 64.6

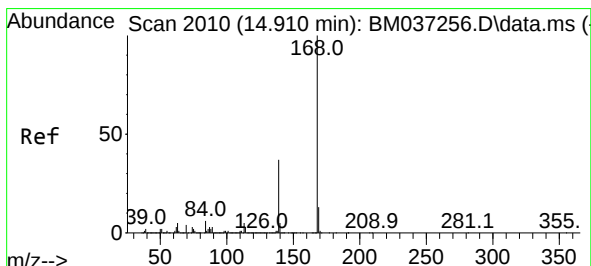
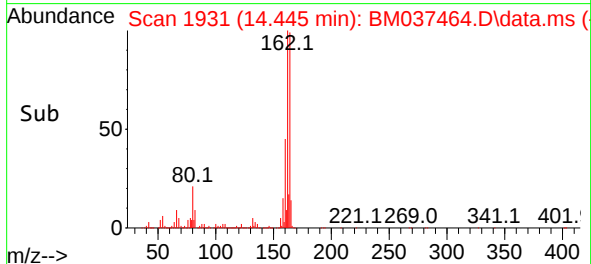
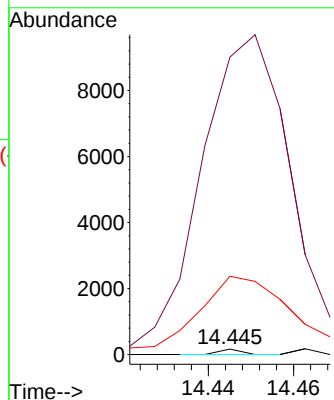
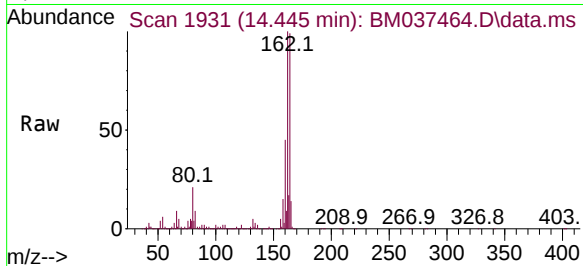




#53
3-Nitroaniline
Concen: 0.005 ng
RT: 14.445 min Scan# 1928
Delta R.T. 0.065 min
Lab File: BM037464.D
Acq: 11 Nov 2022 13:16

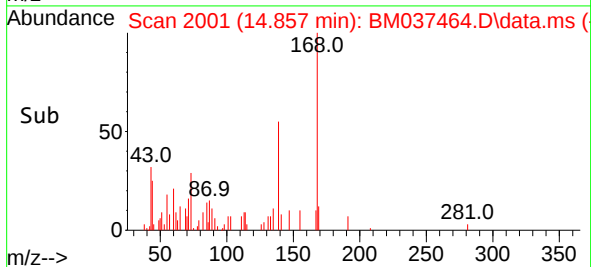
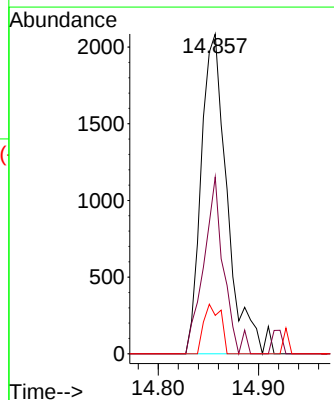
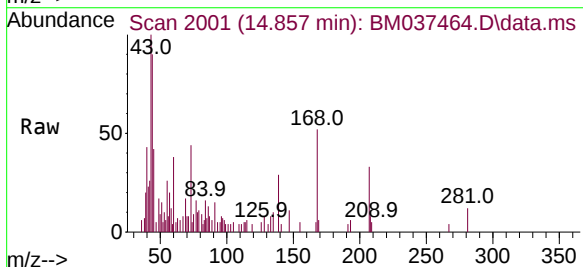
Instrument :
BNA_M
ClientSampleId :
TP-8

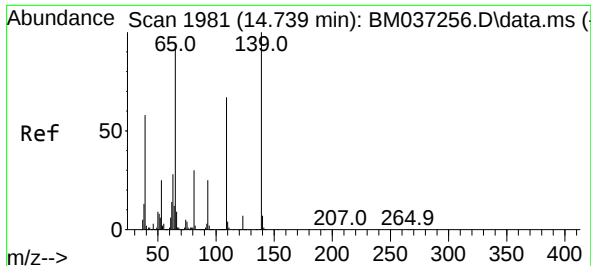
Tgt Ion:138 Resp: 59
Ion Ratio Lower Upper
138 100
108 5396.4 7.3 10.9#
92 1421.0 89.8 134.8#



#55
Dibenzofuran
Concen: 0.059 ng
RT: 14.857 min Scan# 2001
Delta R.T. 0.006 min
Lab File: BM037464.D
Acq: 11 Nov 2022 13:16

Tgt Ion:168 Resp: 3769
Ion Ratio Lower Upper
168 100
139 55.3 29.3 43.9#
169 12.0 10.6 16.0

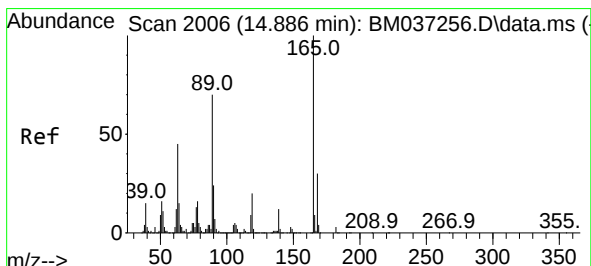
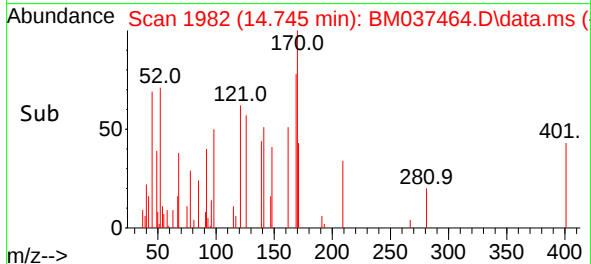
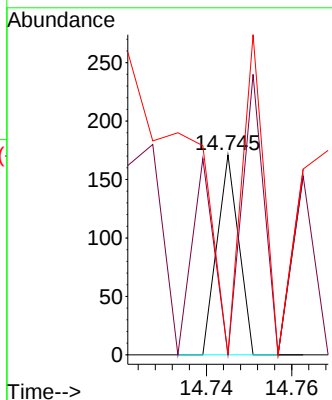
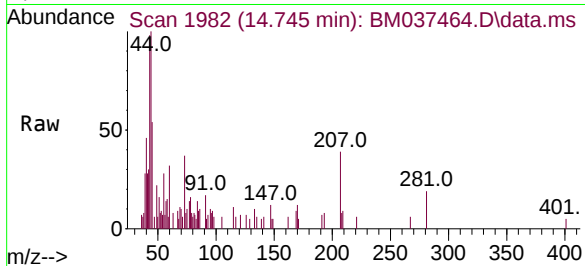




#56
4-Nitrophenol
Concen: 0.006 ng
RT: 14.745 min Scan# 1981
Delta R.T. 0.041 min
Lab File: BM037464.D
Acq: 11 Nov 2022 13:16

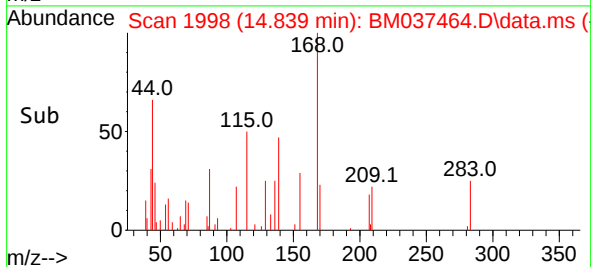
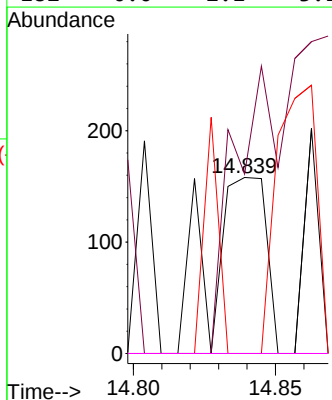
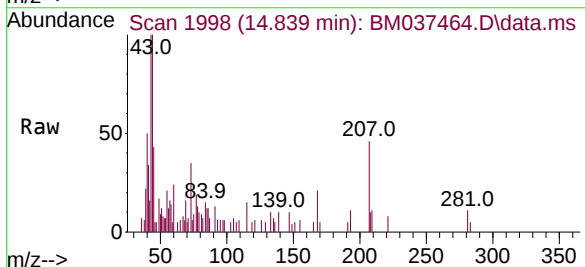
Instrument :
BNA_M
ClientSampleId :
TP-8

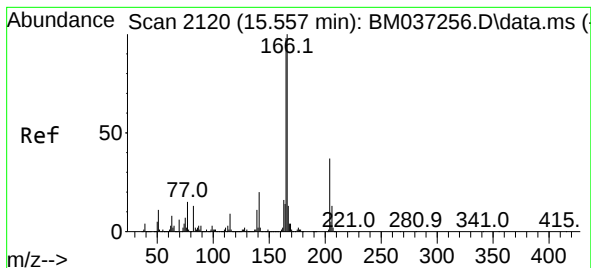
Tgt Ion:139 Resp: 60
Ion Ratio Lower Upper
139 100
109 0.0 47.4 87.4#
65 0.0 73.8 113.8#



#57
2,4-Dinitrotoluene
Concen: 0.015 ng
RT: 14.839 min Scan# 1998
Delta R.T. 0.000 min
Lab File: BM037464.D
Acq: 11 Nov 2022 13:16

Tgt Ion:165 Resp: 219
Ion Ratio Lower Upper
165 100
63 101.9 36.3 54.5#
89 0.0 56.3 84.5#
182 0.0 2.1 3.1#





#58

Fluorene

Concen: 0.059 ng

RT: 15.504 min Scan# 21

Delta R.T. 0.000 min

Lab File: BM037464.D

Acq: 11 Nov 2022 13:16

Instrument :

BNA_M

ClientSampleId :

TP-8

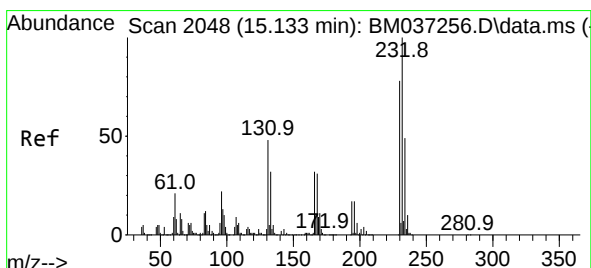
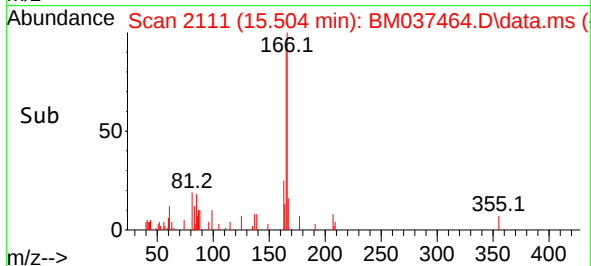
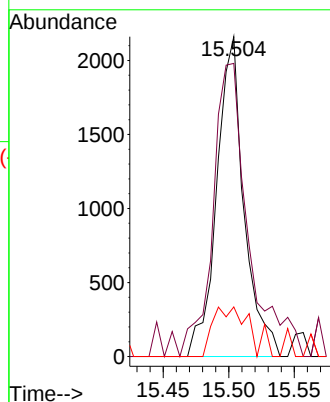
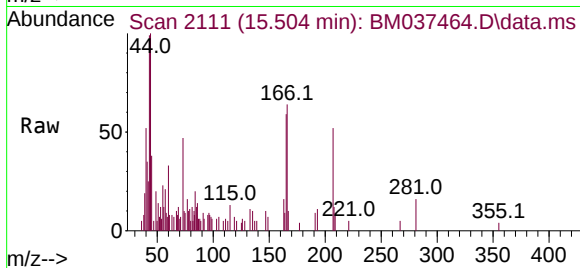
Tgt Ion:166 Resp: 3131

Ion Ratio Lower Upper

166 100

165 91.6 78.2 117.4

167 15.5 10.6 15.8



#59

2,3,4,6-Tetrachlorophenol

Concen: 0.006 ng

RT: 15.092 min Scan# 2041

Delta R.T. 0.006 min

Lab File: BM037464.D

Acq: 11 Nov 2022 13:16

Tgt Ion:232 Resp: 73

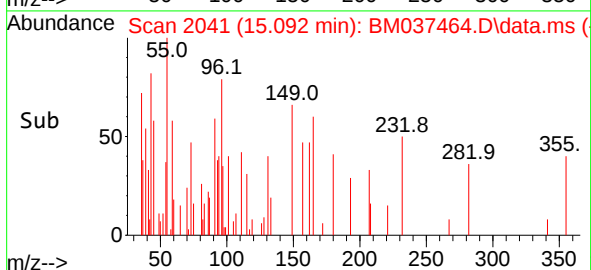
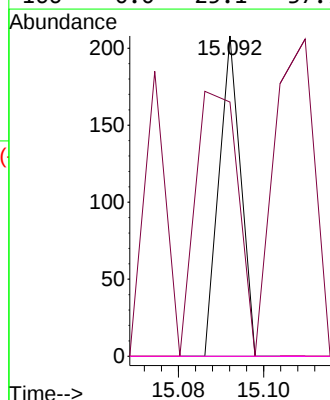
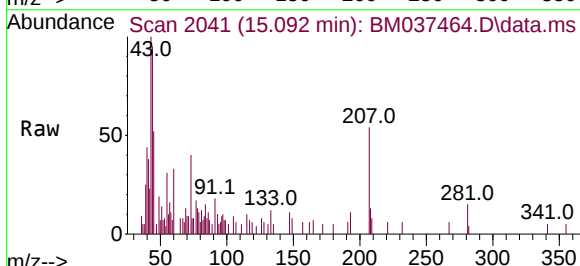
Ion Ratio Lower Upper

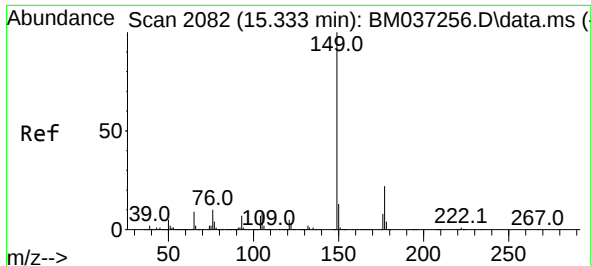
232 100

131 163.0 37.8 56.8#

130 0.0 1.9 2.9#

166 0.0 25.1 37.7#

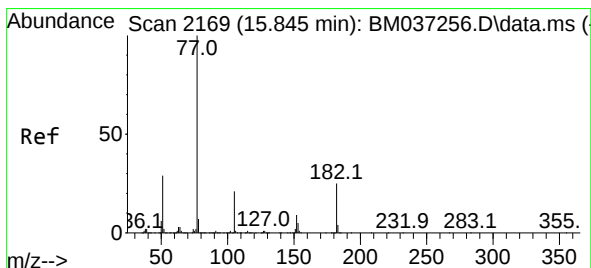
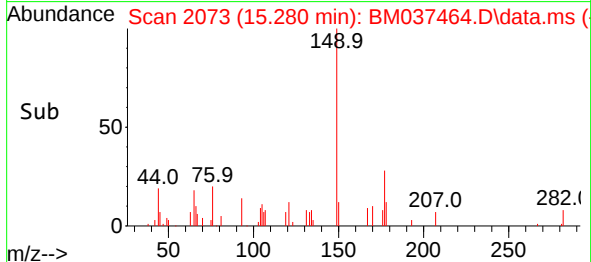
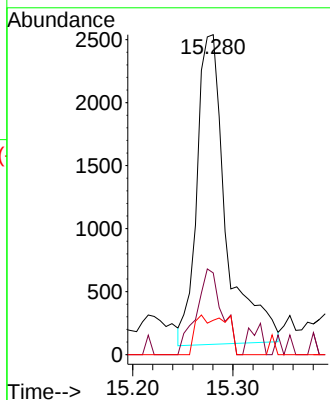
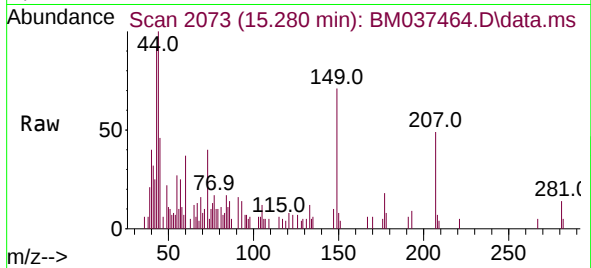




#60
Diethylphthalate
Concen: 0.100 ng
RT: 15.280 min Scan# 2082
Delta R.T. 0.000 min
Lab File: BM037464.D
Acq: 11 Nov 2022 13:16

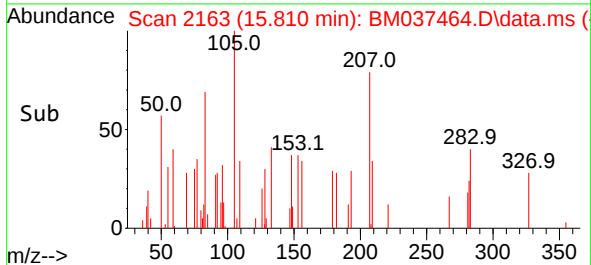
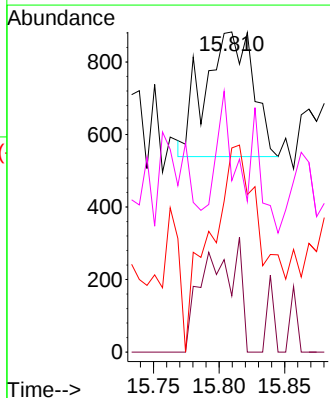
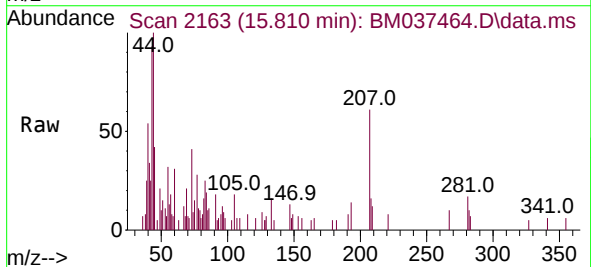
Instrument :
BNA_M
ClientSampleId :
TP-8

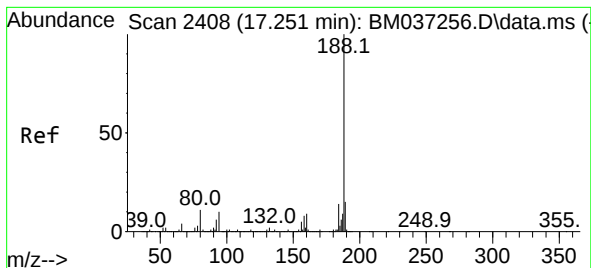
Tgt Ion:149 Resp: 4979
Ion Ratio Lower Upper
149 100
177 25.5 17.4 26.0
150 10.7 10.0 15.0



#63
Azobenzene
Concen: 0.018 ng
RT: 15.810 min Scan# 2163
Delta R.T. 0.018 min
Lab File: BM037464.D
Acq: 11 Nov 2022 13:16

Tgt Ion: 77 Resp: 874
Ion Ratio Lower Upper
77 100
182 17.6 5.1 45.1
105 63.8 0.5 40.5#
51 53.6 9.0 49.0#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.198 min Scan# 2408

Delta R.T. 0.000 min

Lab File: BM037464.D

Acq: 11 Nov 2022 13:16

Instrument :

BNA_M

ClientSampleId :

TP-8

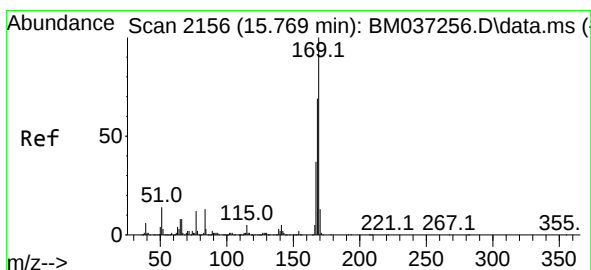
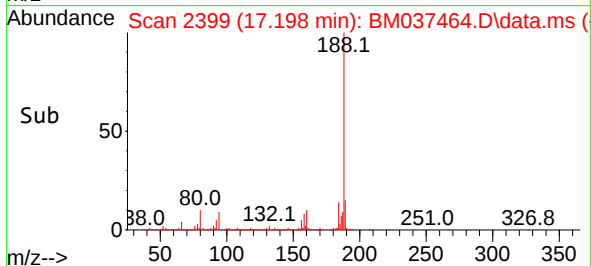
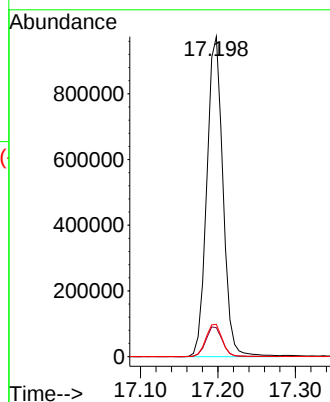
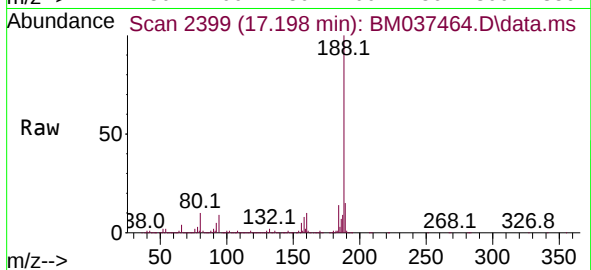
Tgt Ion:188 Resp: 1408715

Ion Ratio Lower Upper

188 100

94 9.1 7.9 11.9

80 10.1 8.5 12.7



#66

n-Nitrosodiphenylamine

Concen: 0.973 ng

RT: 15.945 min Scan# 2186

Delta R.T. 0.230 min

Lab File: BM037464.D

Acq: 11 Nov 2022 13:16

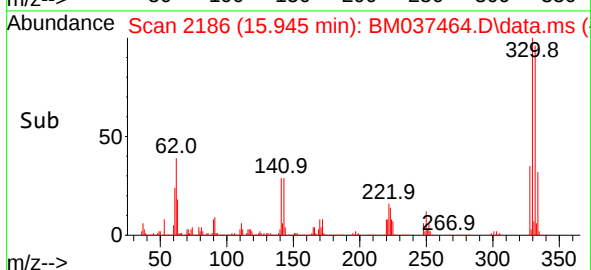
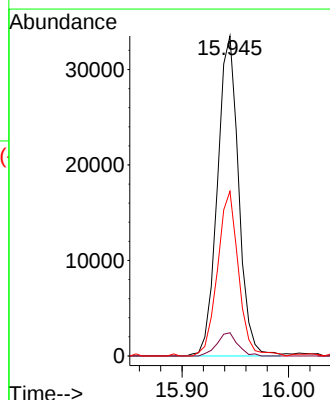
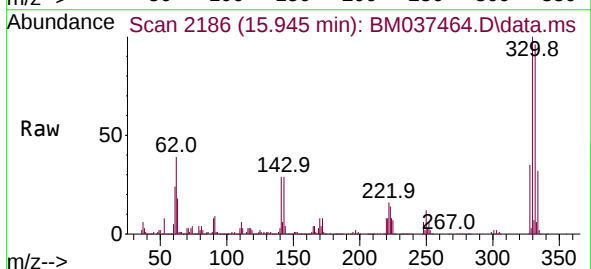
Tgt Ion:169 Resp: 46330

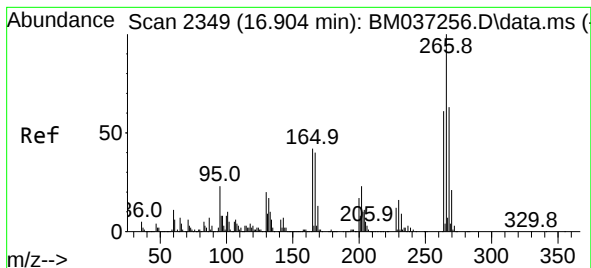
Ion Ratio Lower Upper

169 100

168 7.2 54.8 82.2#

167 51.4 29.5 44.3#





#70

Pentachlorophenol

Concen: 0.015 ng

RT: 16.863 min Scan# 2349

Delta R.T. 0.012 min

Lab File: BM037464.D

Acq: 11 Nov 2022 13:16

Instrument :

BNA_M

ClientSampleId :

TP-8

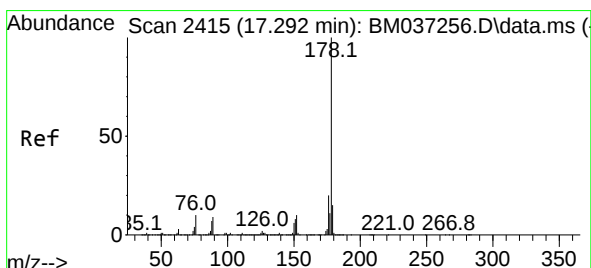
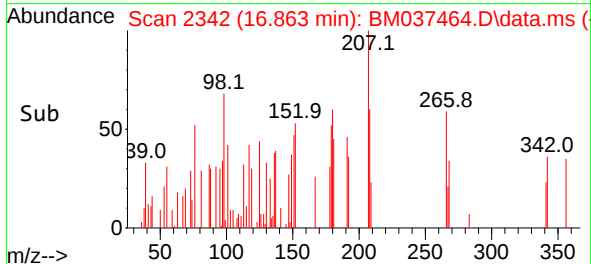
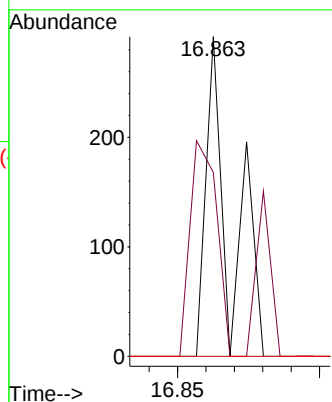
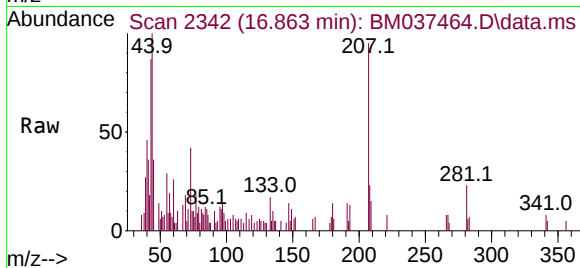
Tgt Ion:266 Resp: 172

Ion Ratio Lower Upper

266 100

268 57.5 50.7 76.1

264 0.0 49.1 73.7#



#71

Phenanthrene

Concen: 0.101 ng

RT: 17.239 min Scan# 2406

Delta R.T. -0.006 min

Lab File: BM037464.D

Acq: 11 Nov 2022 13:16

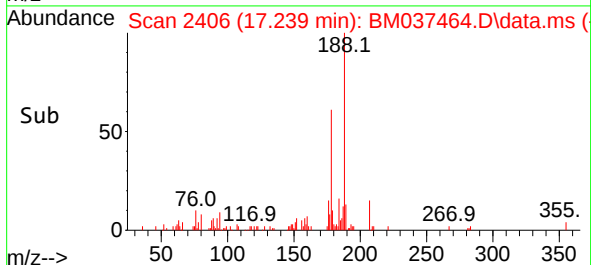
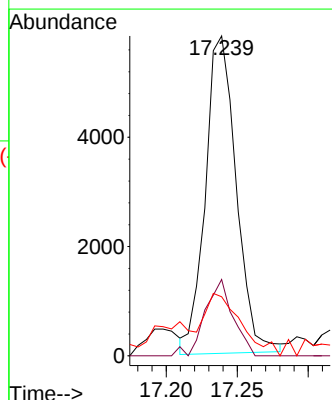
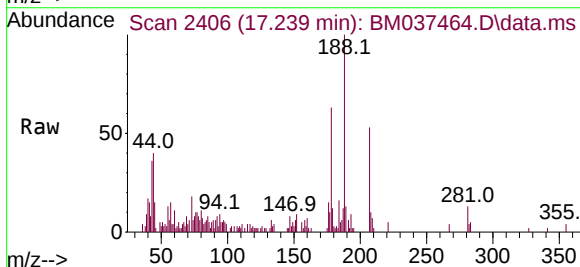
Tgt Ion:178 Resp: 8790

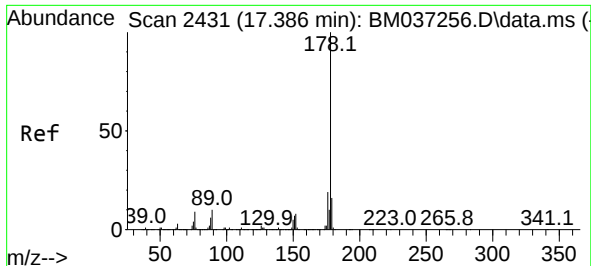
Ion Ratio Lower Upper

178 100

176 23.9 15.6 23.4#

179 18.5 12.4 18.6

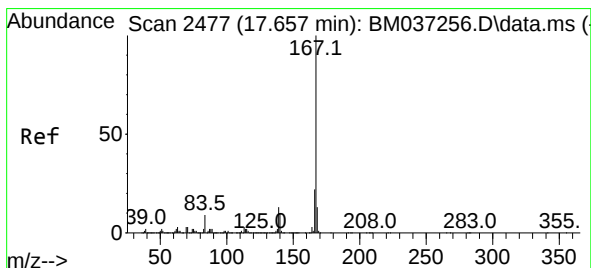
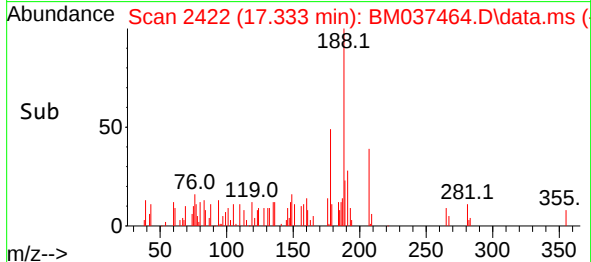
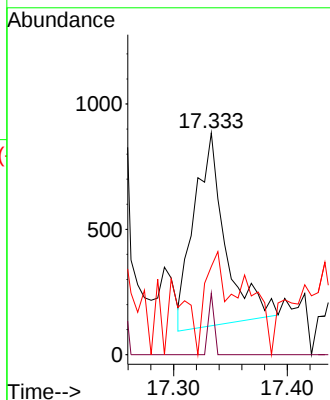
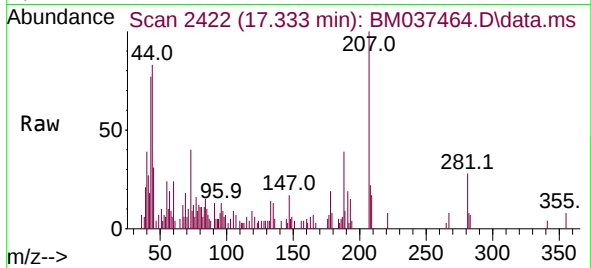




#72
 Anthracene
 Concen: 0.018 ng
 RT: 17.333 min Scan# 24
 Delta R.T. 0.000 min
 Lab File: BM037464.D
 Acq: 11 Nov 2022 13:16

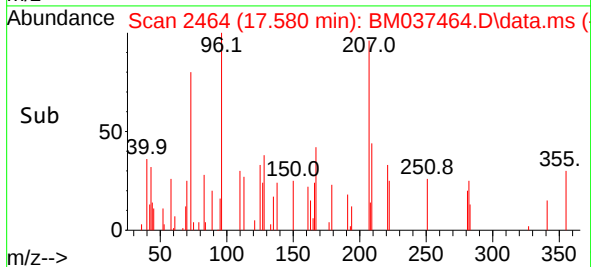
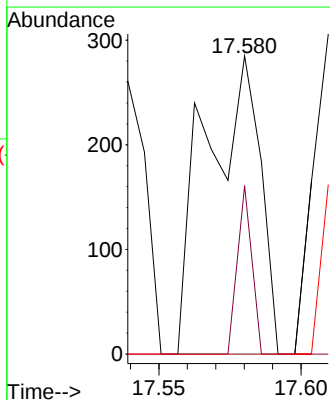
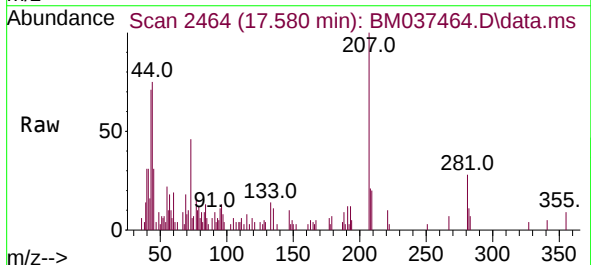
Instrument :
 BNA_M
 ClientSampleId :
 TP-8

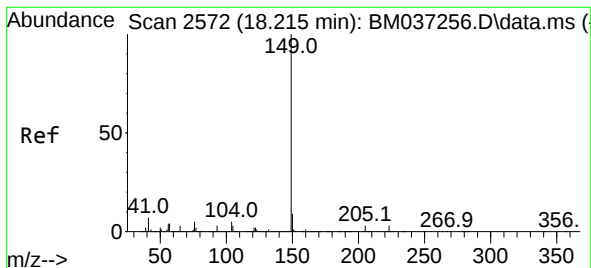
Tgt Ion:178 Resp: 1478
 Ion Ratio Lower Upper
 178 100
 176 27.7 15.4 23.0#
 179 39.8 12.6 19.0#



#73
 Carbazole
 Concen: 0.005 ng
 RT: 17.580 min Scan# 2464
 Delta R.T. -0.029 min
 Lab File: BM037464.D
 Acq: 11 Nov 2022 13:16

Tgt Ion:167 Resp: 378
 Ion Ratio Lower Upper
 167 100
 166 56.5 17.4 26.2#
 139 0.0 10.4 15.6#





#74

Di-n-butylphthalate

Concen: 0.107 ng

RT: 18.168 min Scan# 2564

Delta R.T. 0.000 min

Lab File: BM037464.D

Acq: 11 Nov 2022 13:16

Instrument :

BNA_M

ClientSampleId :

TP-8

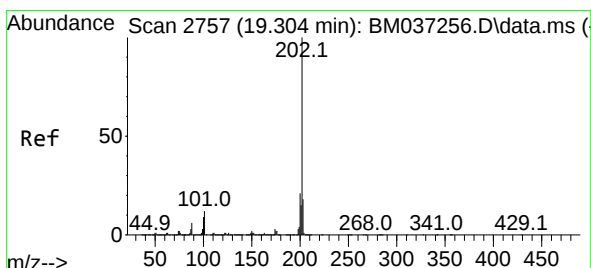
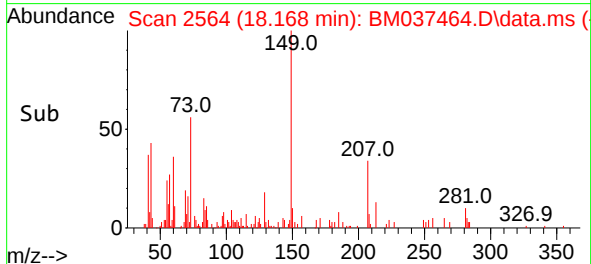
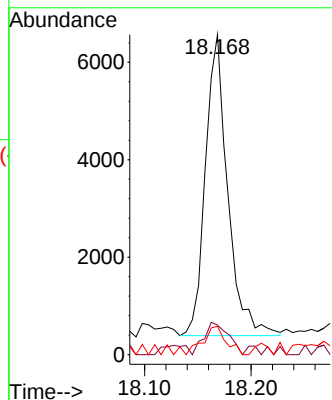
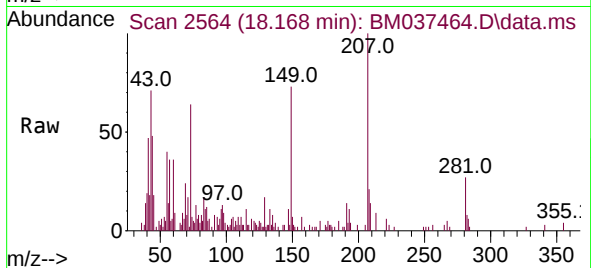
Tgt Ion:149 Resp: 8982

Ion Ratio Lower Upper

149 100

150 9.2 7.4 11.0

104 8.9 4.0 6.0#



#75

Fluoranthene

Concen: 0.026 ng

RT: 19.262 min Scan# 2750

Delta R.T. 0.006 min

Lab File: BM037464.D

Acq: 11 Nov 2022 13:16

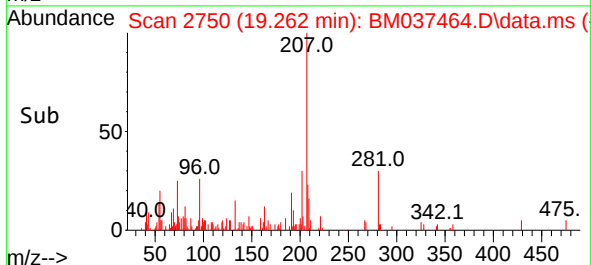
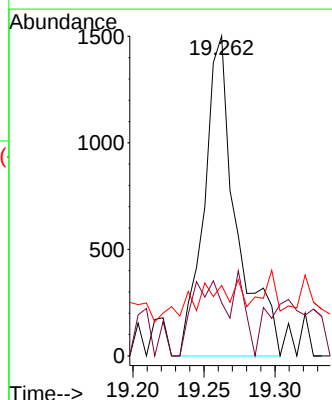
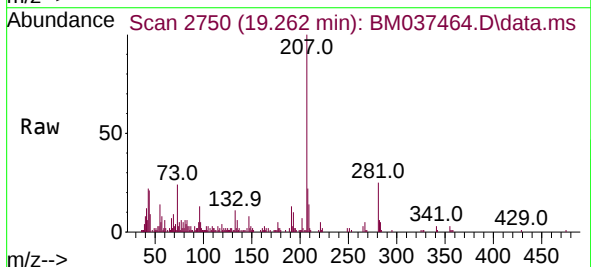
Tgt Ion:202 Resp: 2372

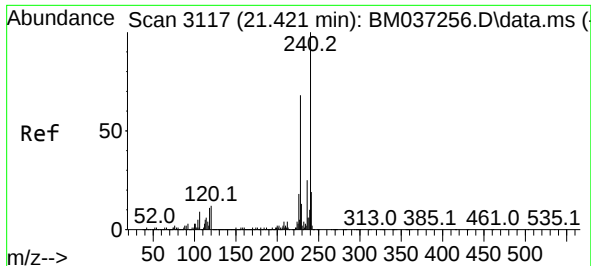
Ion Ratio Lower Upper

202 100

101 16.6 0.0 32.4

203 22.0 0.0 37.8

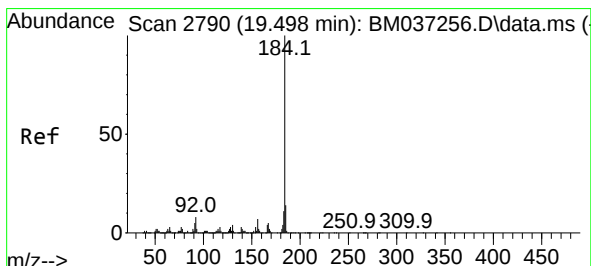
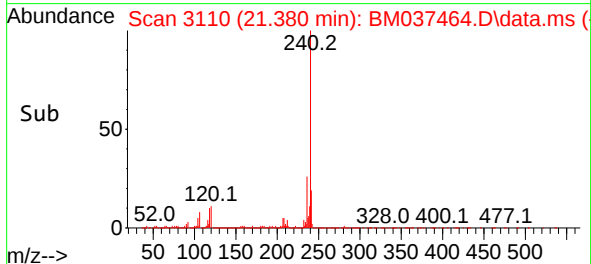
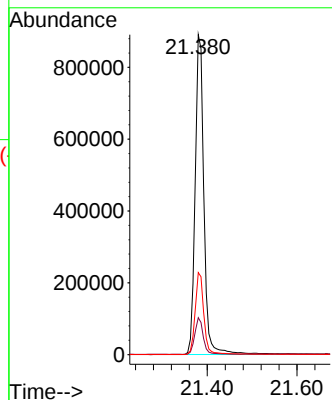
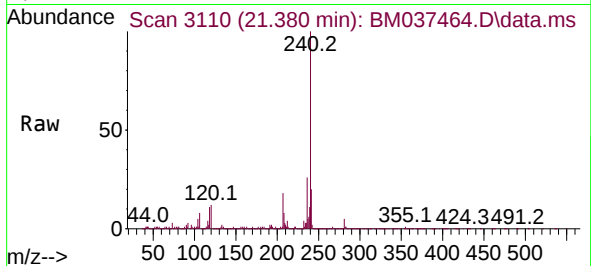




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.380 min Scan# 3117
Delta R.T. -0.006 min
Lab File: BM037464.D
Acq: 11 Nov 2022 13:16

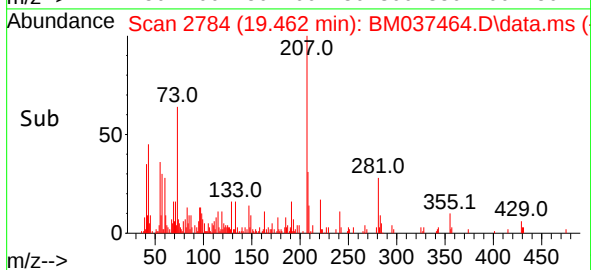
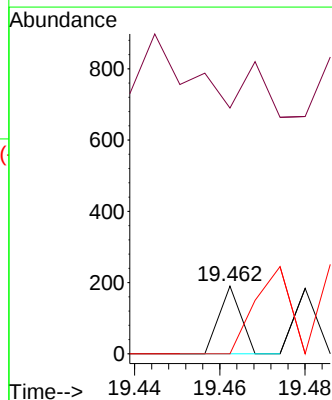
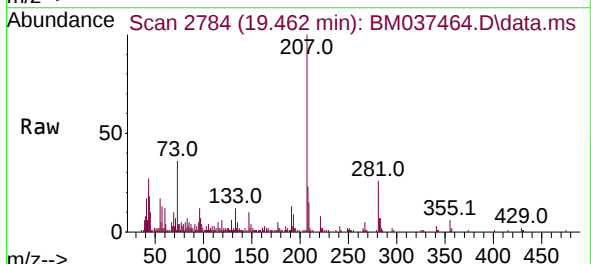
Instrument :
BNA_M
ClientSampleId :
TP-8

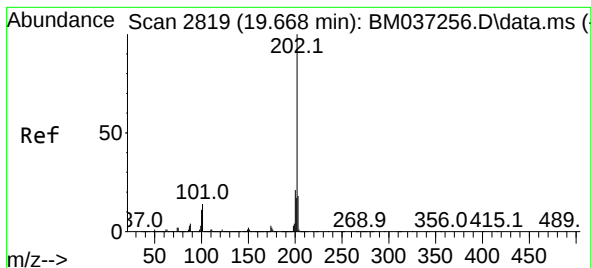
Tgt Ion:240 Resp: 1208549
Ion Ratio Lower Upper
240 100
120 11.5 9.9 14.9
236 25.6 20.3 30.5



#77
Benzidine
Concen: 0.004 ng
RT: 19.462 min Scan# 2784
Delta R.T. 0.006 min
Lab File: BM037464.D
Acq: 11 Nov 2022 13:16

Tgt Ion:184 Resp: 67
Ion Ratio Lower Upper
184 100
185 363.2 11.3 16.9#
183 0.0 9.0 13.4#





#78

Pyrene

Concen: 0.025 ng

RT: 19.627 min Scan# 2812

Delta R.T. 0.006 min

Lab File: BM037464.D

Acq: 11 Nov 2022 13:16

Instrument :

BNA_M

ClientSampleId :

TP-8

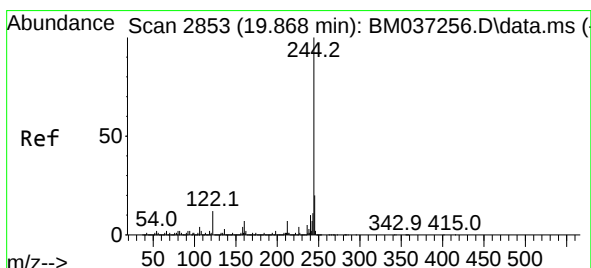
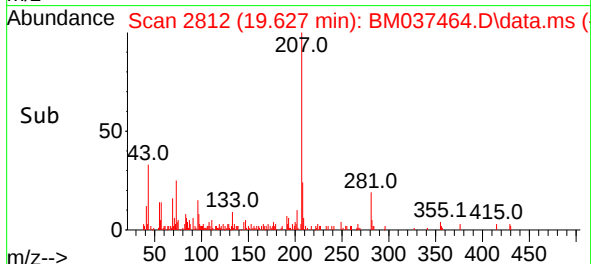
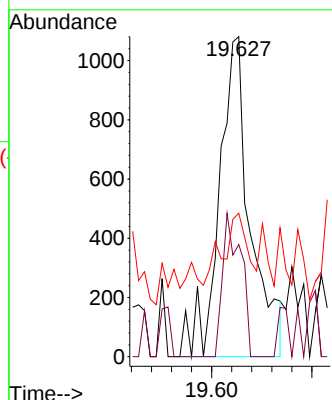
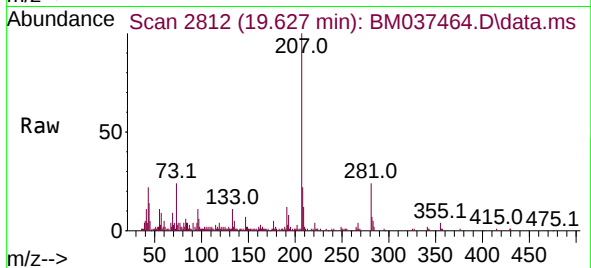
Tgt Ion:202 Resp: 2333

Ion Ratio Lower Upper

202 100

200 35.1 17.0 25.6#

203 44.9 14.1 21.1#



#79

Terphenyl-d14

Concen: 119.778 ng

RT: 19.827 min Scan# 2846

Delta R.T. 0.000 min

Lab File: BM037464.D

Acq: 11 Nov 2022 13:16

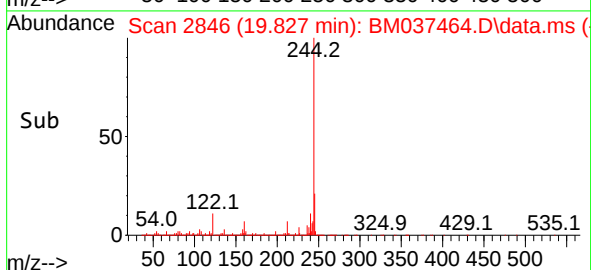
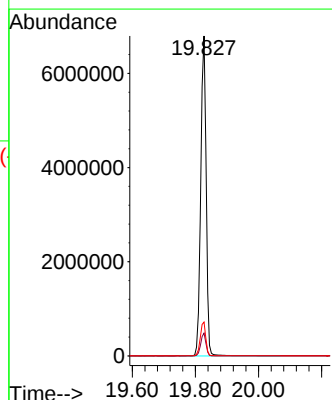
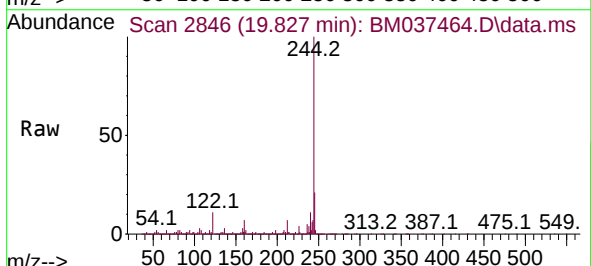
Tgt Ion:244 Resp: 8072230

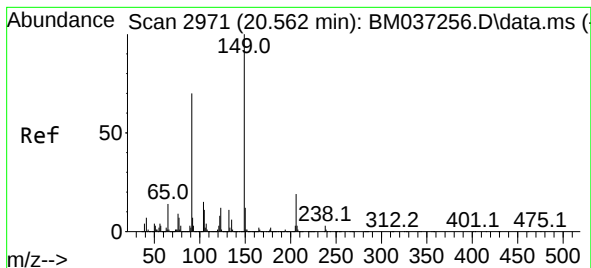
Ion Ratio Lower Upper

244 100

212 7.1 5.4 8.2

122 10.6 9.4 14.2





#80

Butylbenzylphthalate

Concen: 0.006 ng

RT: 20.480 min Scan# 29

Delta R.T. -0.041 min

Lab File: BM037464.D

Acq: 11 Nov 2022 13:16

Instrument :

BNA_M

ClientSampleId :

TP-8

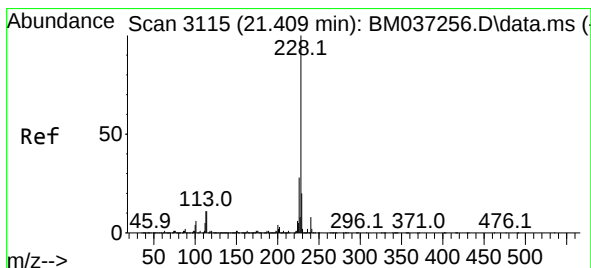
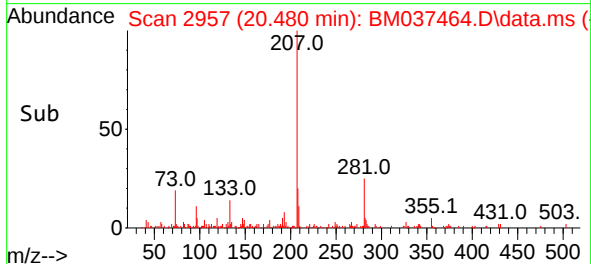
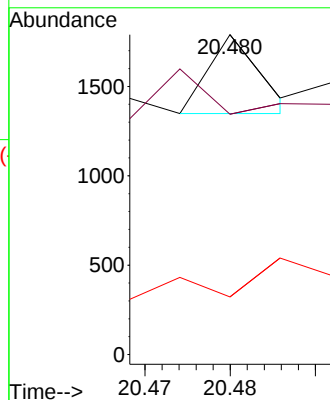
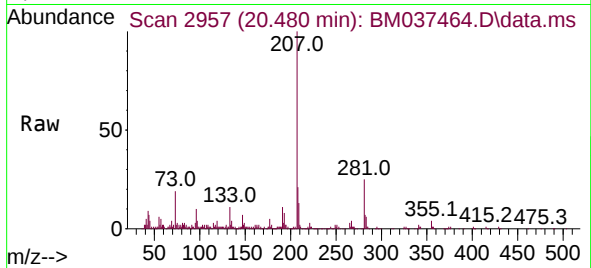
Tgt Ion:149 Resp: 187

Ion Ratio Lower Upper

149 100

91 75.1 56.2 84.4

206 18.0 15.4 23.0



#81

Benzo(a)anthracene

Concen: 0.044 ng

RT: 21.380 min Scan# 3110

Delta R.T. 0.012 min

Lab File: BM037464.D

Acq: 11 Nov 2022 13:16

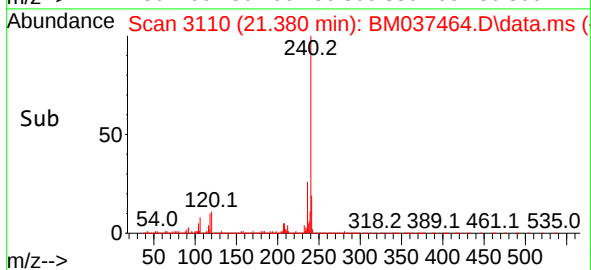
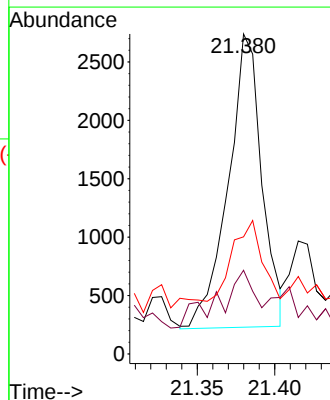
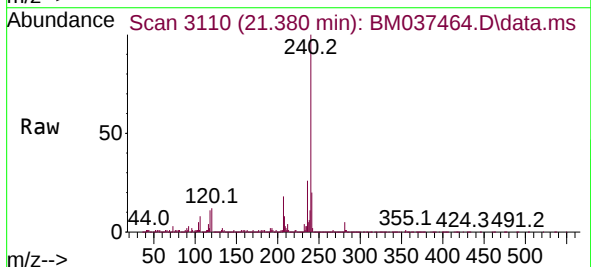
Tgt Ion:228 Resp: 3808

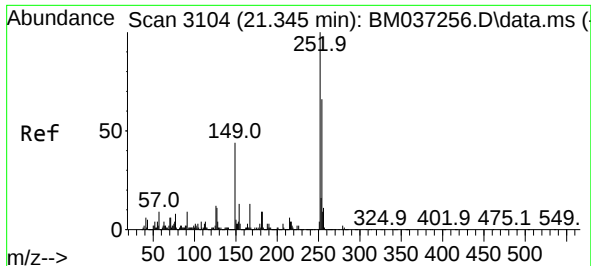
Ion Ratio Lower Upper

228 100

226 26.1 22.3 33.5

229 36.6 16.2 24.2#

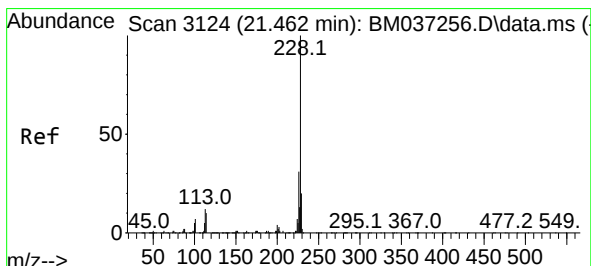
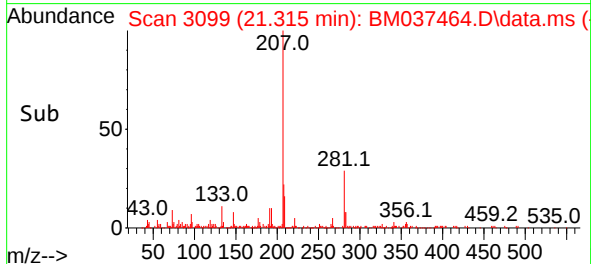
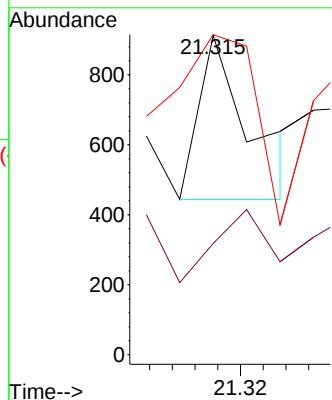
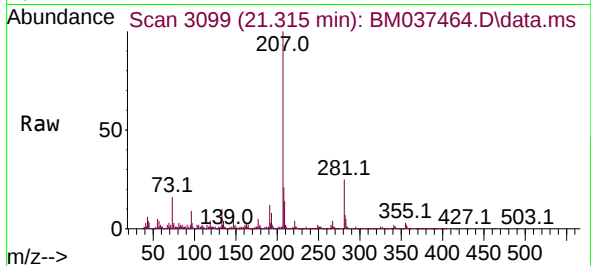




#82
 3,3'-Dichlorobenzidine
 Concen: 0.012 ng
 RT: 21.315 min Scan# 3099
 Delta R.T. 0.006 min
 Lab File: BM037464.D
 Acq: 11 Nov 2022 13:16

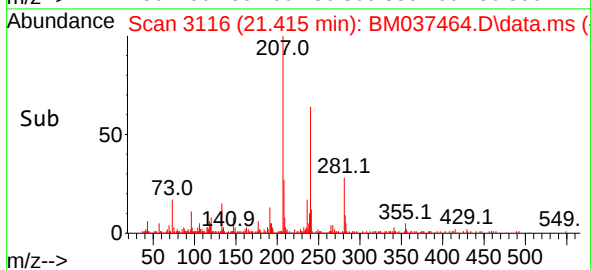
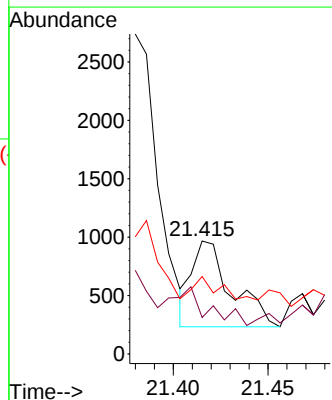
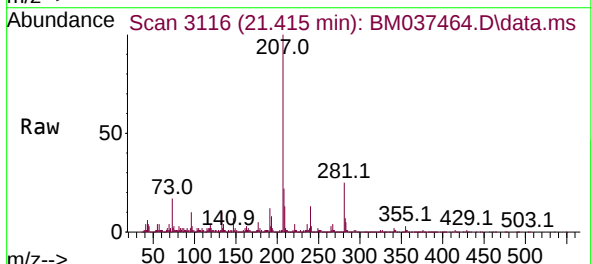
Instrument :
 BNA_M
 ClientSampleId :
 TP-8

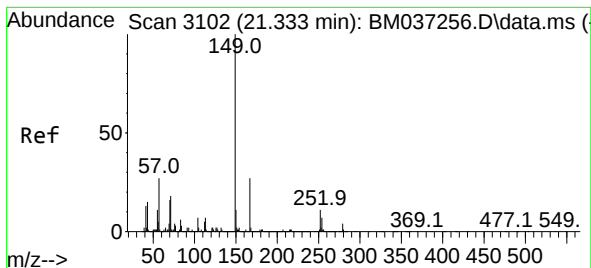
Tgt Ion:252 Resp: 292
 Ion Ratio Lower Upper
 252 100
 254 34.8 52.7 79.1#
 126 100.2 9.8 14.6#



#83
 Chrysene
 Concen: 0.013 ng
 RT: 21.415 min Scan# 3116
 Delta R.T. -0.006 min
 Lab File: BM037464.D
 Acq: 11 Nov 2022 13:16

Tgt Ion:228 Resp: 1066
 Ion Ratio Lower Upper
 228 100
 226 32.3 24.4 36.6
 229 68.6 16.0 24.0#





#84

Bis(2-ethylhexyl)phthalate

Concen: 0.084 ng

RT: 21.292 min Scan# 30

Delta R.T. -0.006 min

Lab File: BM037464.D

Acq: 11 Nov 2022 13:16

Instrument :

BNA_M

ClientSampleId :

TP-8

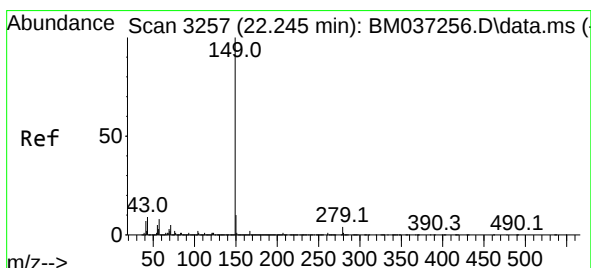
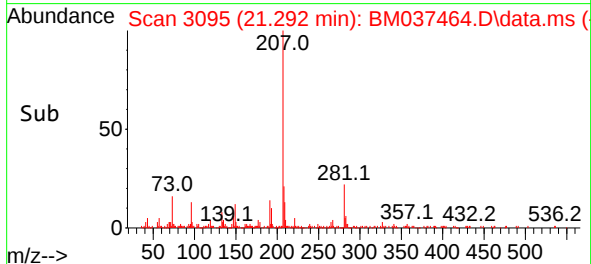
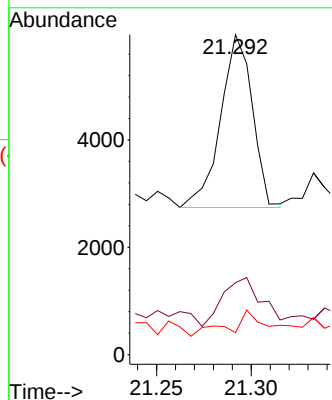
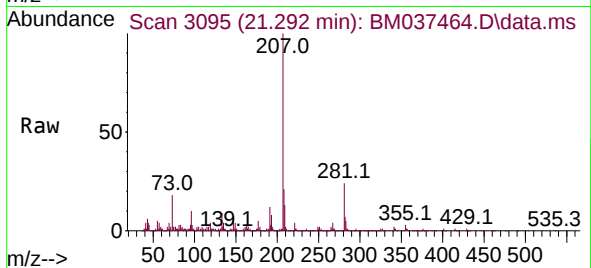
Tgt Ion:149 Resp: 3761

Ion Ratio Lower Upper

149 100

167 22.5 21.2 31.8

279 6.9 3.1 4.7#



#85

Di-n-octyl phthalate

Concen: 0.031 ng

RT: 22.198 min Scan# 3249

Delta R.T. 0.000 min

Lab File: BM037464.D

Acq: 11 Nov 2022 13:16

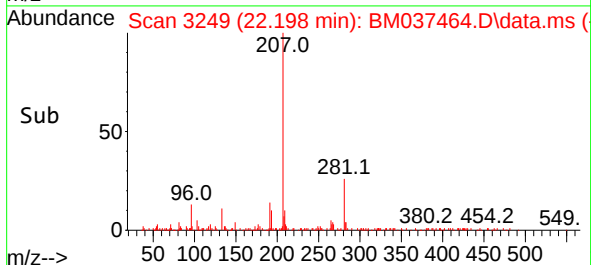
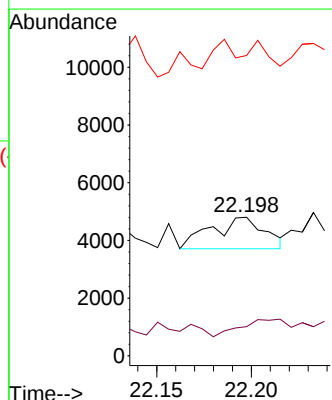
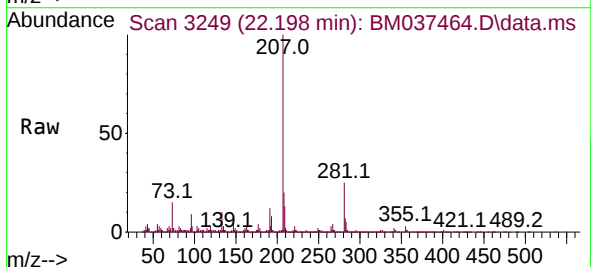
Tgt Ion:149 Resp: 2152

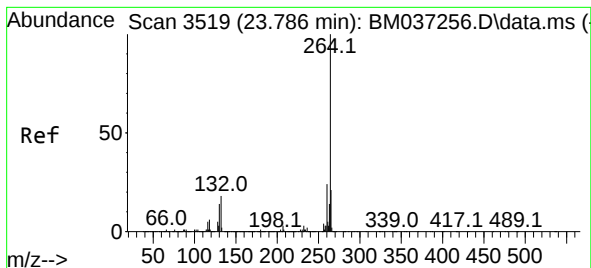
Ion Ratio Lower Upper

149 100

167 0.0 1.3 1.9#

43 41.3 8.0 12.0#





#86

Perylene-d12

Concen: 20.000 ng

RT: 23.721 min Scan# 31

Delta R.T. 0.000 min

Lab File: BM037464.D

Acq: 11 Nov 2022 13:16

Instrument :

BNA_M

ClientSampleId :

TP-8

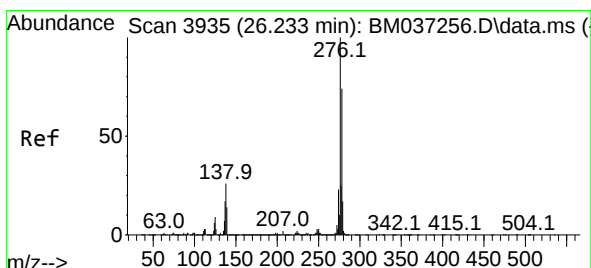
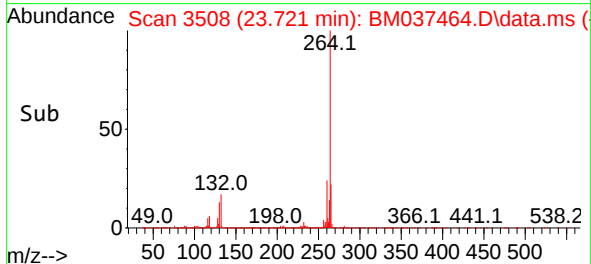
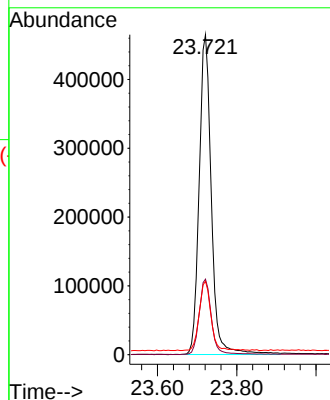
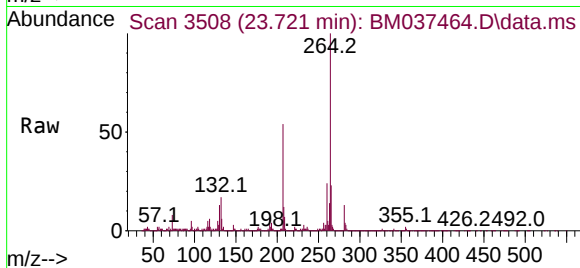
Tgt Ion:264 Resp: 986419

Ion Ratio Lower Upper

264 100

260 23.6 18.9 28.3

265 22.9 17.7 26.5



#87

Indeno(1,2,3-cd)pyrene

Concen: 0.002 ng

RT: 26.150 min Scan# 3921

Delta R.T. 0.006 min

Lab File: BM037464.D

Acq: 11 Nov 2022 13:16

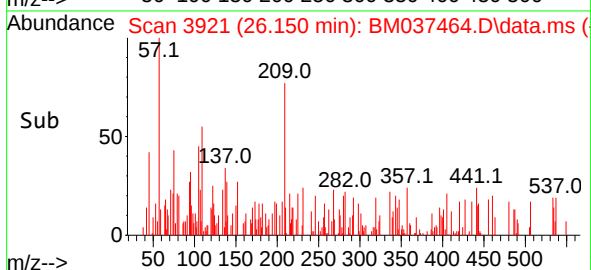
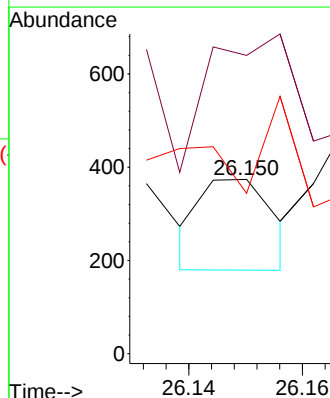
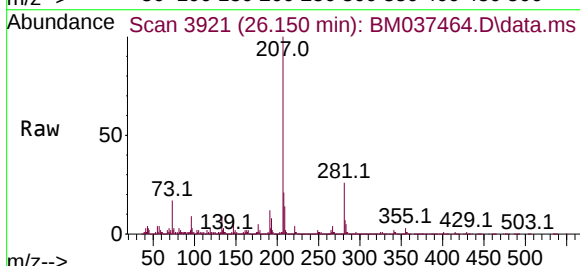
Tgt Ion:276 Resp: 173

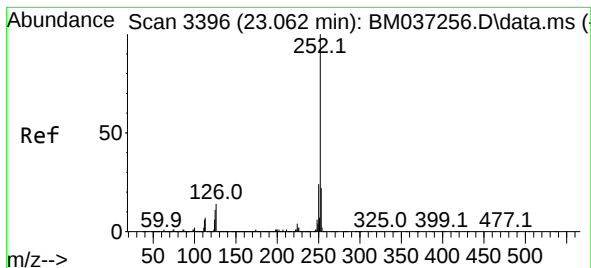
Ion Ratio Lower Upper

276 100

138 210.4 21.5 32.3#

277 0.0 20.1 30.1#





#88

Benzo(b)fluoranthene

Concen: 0.012 ng

RT: 23.027 min Scan# 3390

Delta R.T. 0.012 min

Lab File: BM037464.D

Acq: 11 Nov 2022 13:16

Instrument :

BNA_M

ClientSampleId :

TP-8

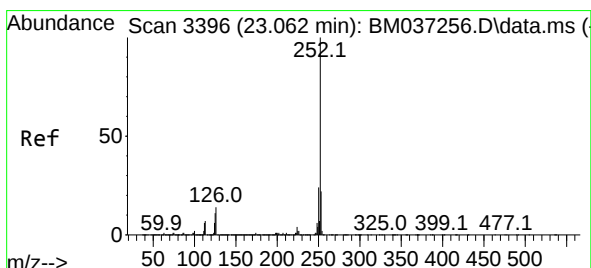
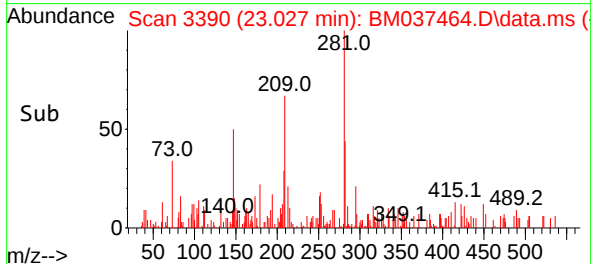
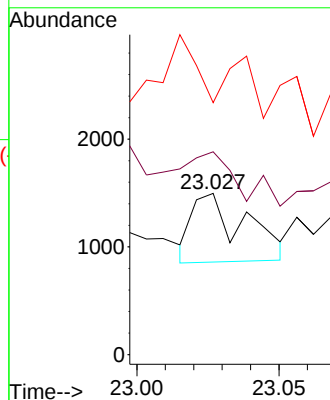
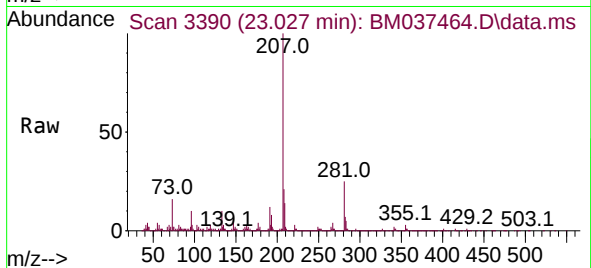
Tgt Ion:252 Resp: 828

Ion Ratio Lower Upper

252 100

253 125.8 17.8 26.6#

125 156.2 9.1 13.7#



#89

Benzo(k)fluoranthene

Concen: 0.006 ng

RT: 23.056 min Scan# 3395

Delta R.T. -0.006 min

Lab File: BM037464.D

Acq: 11 Nov 2022 13:16

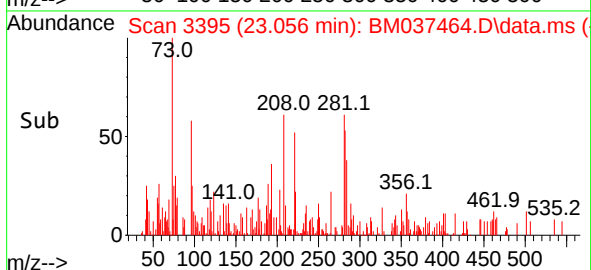
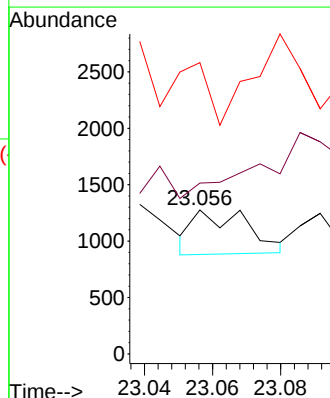
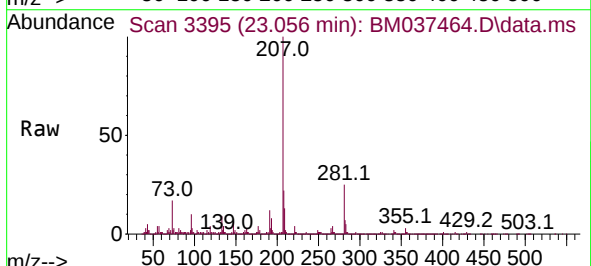
Tgt Ion:252 Resp: 430

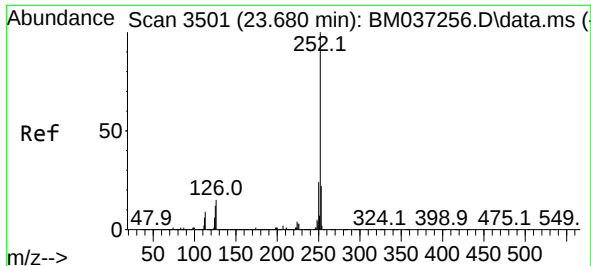
Ion Ratio Lower Upper

252 100

253 118.7 17.8 26.6#

125 202.4 9.1 13.7#

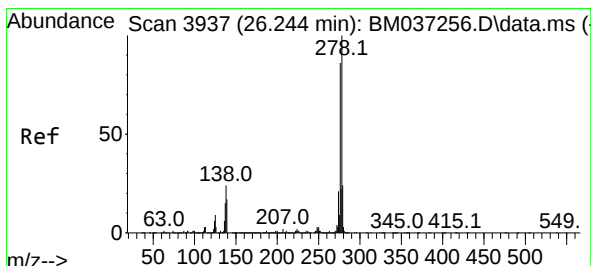
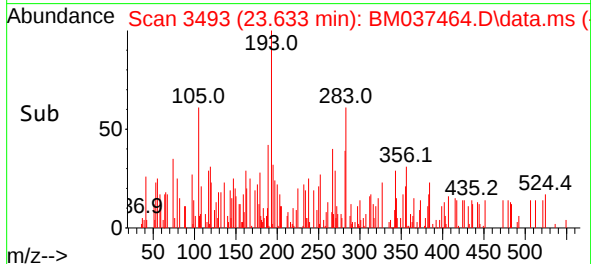
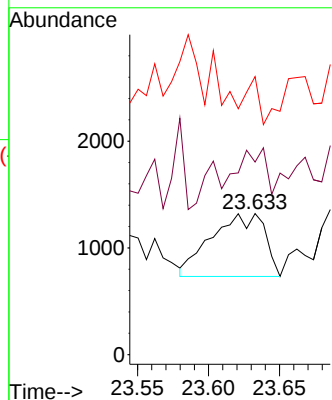
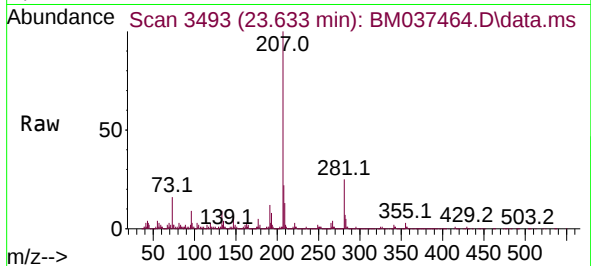




#90
Benzo(a)pyrene
Concen: 0.027 ng
RT: 23.633 min Scan# 34
Delta R.T. 0.012 min
Lab File: BM037464.D
Acq: 11 Nov 2022 13:16

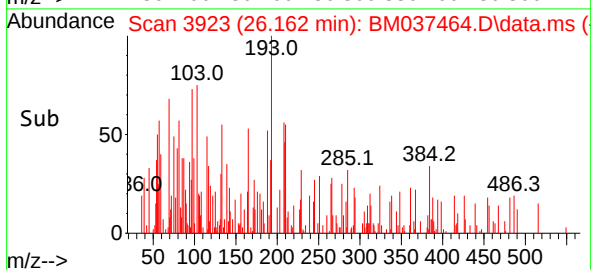
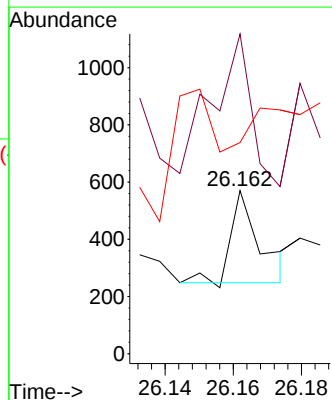
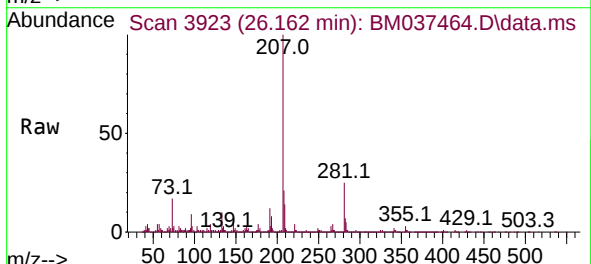
Instrument :
BNA_M
ClientSampleId :
TP-8

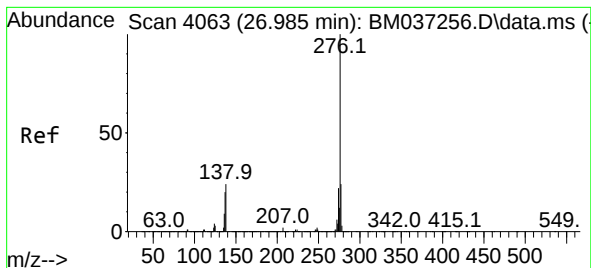
Tgt Ion:252 Resp: 1532
Ion Ratio Lower Upper
252 100
253 136.5 17.4 26.2#
125 197.0 9.9 14.9#



#91
Dibenzo(a,h)anthracene
Concen: 0.003 ng
RT: 26.162 min Scan# 3923
Delta R.T. 0.000 min
Lab File: BM037464.D
Acq: 11 Nov 2022 13:16

Tgt Ion:278 Resp: 194
Ion Ratio Lower Upper
278 100
139 196.1 13.8 20.8#
279 129.5 19.0 28.6#





#92

Benzo(g,h,i)perylene

Concen: 0.007 ng

RT: 26.891 min Scan# 40

Delta R.T. 0.006 min

Lab File: BM037464.D

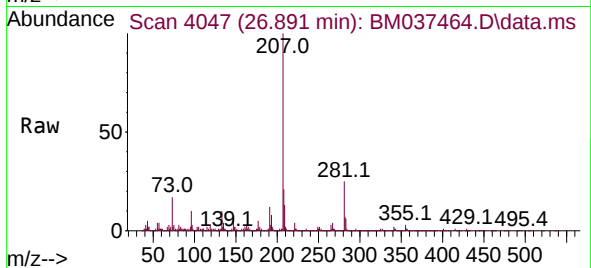
Acq: 11 Nov 2022 13:16

Instrument :

BNA_M

ClientSampleId :

TP-8



Tgt Ion:276 Resp: 471

Ion Ratio Lower Upper

276 100

277 111.3 19.4 29.2#

138 198.9 18.9 28.3#

