

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM091924\
 Data File : BM047578.D
 Acq On : 19 Sep 2024 19:52
 Operator : RC/JU
 Sample : P4103-13MS
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 WC-14-7.5-10BMS

Quant Time: Sep 20 02:33:28 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM091424.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun Sep 15 08:56:37 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.839	152	340939	20.000	ng	-0.01
21) Naphthalene-d8	10.639	136	1335428	20.000	ng	0.00
39) Acenaphthene-d10	14.474	164	679516	20.000	ng	0.00
64) Phenanthrene-d10	17.209	188	1193242	20.000	ng	0.00
76) Chrysene-d12	21.433	240	977837	20.000	ng	-0.01
86) Perylene-d12	24.456	264	1177268	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.416	112	2603080	121.566	ng	0.00
7) Phenol-d6	7.004	99	3345802	110.952	ng	0.00
23) Nitrobenzene-d5	8.992	82	1981115	74.244	ng	-0.01
42) 2,4,6-Tribromophenol	15.957	330	735622	111.999	ng	0.00
45) 2-Fluorobiphenyl	13.098	172	3456100	70.062	ng	-0.01
79) Terphenyl-d14	19.821	244	4098991	75.116	ng	-0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.316	88	403564	44.002	ng	99
3) Pyridine	3.710	79	1117464	40.932	ng	97
4) n-Nitrosodimethylamine	3.616	42	521710	42.119	ng	91
6) Aniline	7.163	93	714968	26.743	ng	99
8) 2-Chlorophenol	7.404	128	1139030	48.253	ng	99
9) Benzaldehyde	6.975	77	205512	14.333	ng	98
10) Phenol	7.028	94	1462062	48.422	ng	98
11) bis(2-Chloroethyl)ether	7.263	93	1134498	46.801	ng	98
12) 1,3-Dichlorobenzene	7.734	146	1187550	45.962	ng	99
13) 1,4-Dichlorobenzene	7.875	146	1201022	45.638	ng	99
14) 1,2-Dichlorobenzene	8.192	146	1143760	44.163	ng	99
15) Benzyl Alcohol	8.075	79	985096	48.227	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.363	45	1532952	44.956	ng	98
17) 2-Methylphenol	8.281	107	909624	47.158	ng	98
18) Hexachloroethane	8.928	117	500958	47.652	ng	98
19) n-Nitroso-di-n-propyla...	8.645	70	882220	43.391	ng	96
20) 3+4-Methylphenols	8.604	107	1220087	45.332	ng	99
22) Acetophenone	8.657	105	1655102	47.142	ng	99
24) Nitrobenzene	9.033	77	1265428	46.150	ng	98
25) Isophorone	9.569	82	2242299	47.798	ng	99
26) 2-Nitrophenol	9.745	139	497022	53.194	ng	99
27) 2,4-Dimethylphenol	9.810	122	853057	60.228	ng	98
28) bis(2-Chloroethoxy)met...	10.045	93	1388310	47.114	ng	99
29) 2,4-Dichlorophenol	10.280	162	890718	49.499	ng	98
30) 1,2,4-Trichlorobenzene	10.498	180	915874	44.432	ng	98
31) Naphthalene	10.686	128	3301786	45.780	ng	99
32) Benzoic acid	9.928	122	614117	44.545	ng	97
33) 4-Chloroaniline	10.792	127	391824	15.026	ng	98
34) Hexachlorobutadiene	10.980	225	505820	44.304	ng	99
35) Caprolactam	11.557	113	152368	25.707	ng	94
36) 4-Chloro-3-methylphenol	11.916	107	967280	46.904	ng	96
37) 2-Methylnaphthalene	12.298	142	2193174	45.689	ng	99
38) 1-Methylnaphthalene	12.516	142	2041654	42.799	ng	100
40) 1,2,4,5-Tetrachloroben...	12.668	216	924837	50.298	ng	# 97
41) Hexachlorocyclopentadiene	12.657	237	1110627	184.766	ng	99
43) 2,4,6-Trichlorophenol	12.904	196	602190	52.276	ng	99

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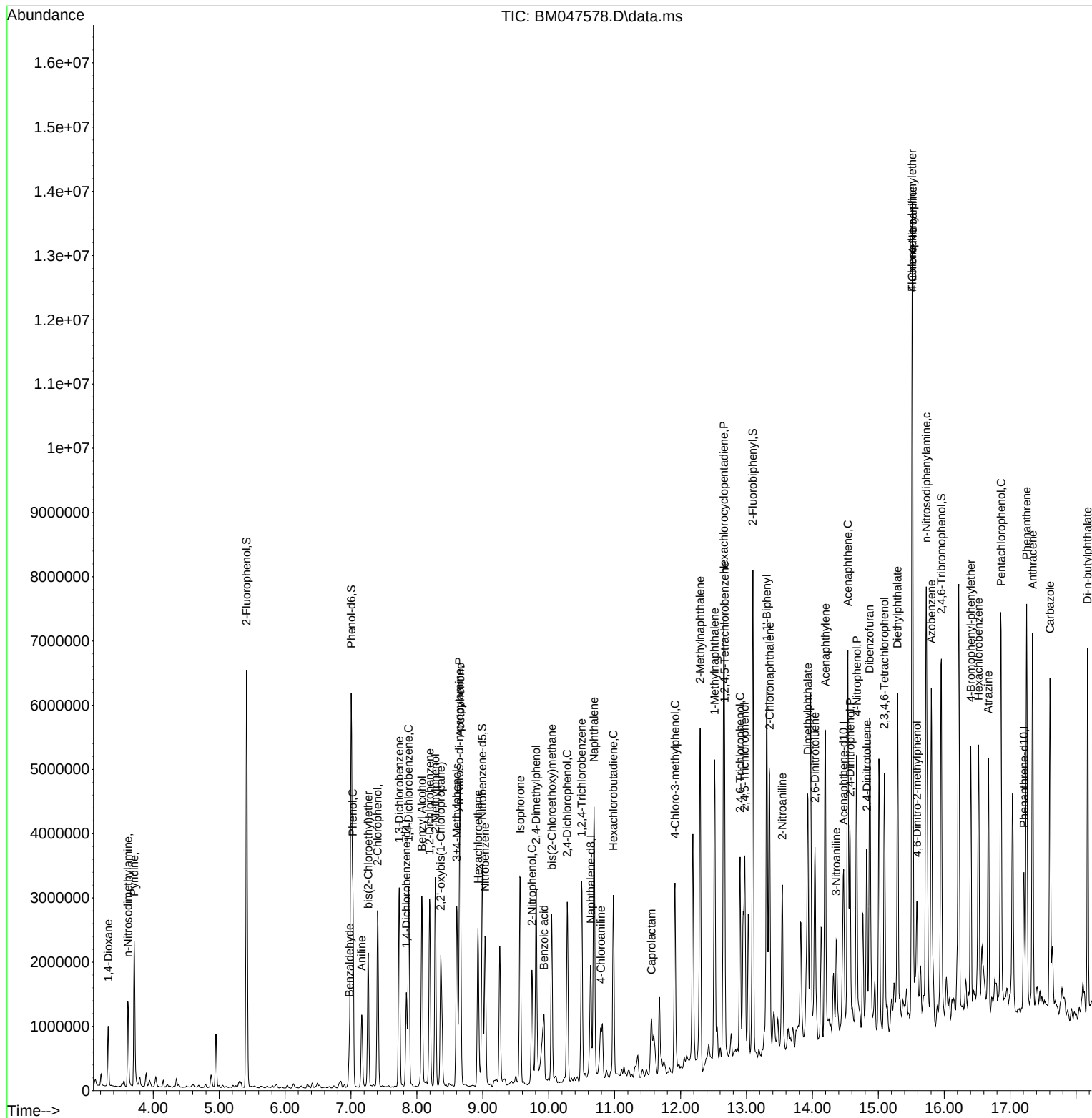
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.974	196	642717	49.397	ng	97
46) 1,1'-Biphenyl	13.310	154	2588704	48.964	ng	99
47) 2-Chloronaphthalene	13.351	162	1935171	47.139	ng	99
48) 2-Nitroaniline	13.545	65	614823	50.989	ng	99
49) Acenaphthylene	14.198	152	3091663	52.188	ng	99
50) Dimethylphthalate	13.933	163	2191077	47.308	ng	100
51) 2,6-Dinitrotoluene	14.039	165	451484	46.177	ng	98
52) Acenaphthene	14.539	154	2001719	48.224	ng	100
53) 3-Nitroaniline	14.363	138	312830	28.786	ng	# 99
54) 2,4-Dinitrophenol	14.574	184	451248	81.389	ng	94
55) Dibenzofuran	14.868	168	2792709	47.878	ng	97
56) 4-Nitrophenol	14.674	139	939508	105.060	ng	98
57) 2,4-Dinitrotoluene	14.827	165	608618	46.674	ng	# 97
58) Fluorene	15.515	166	2514847	47.888	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.092	232	501843	49.470	ng	# 94
60) Diethylphthalate	15.292	149	2336292	47.398	ng	100
61) 4-Chlorophenyl-phenyle...	15.515	204	1067414	44.454	ng	99
62) 4-Nitroaniline	15.521	138	538745	42.174	ng	99
63) Azobenzene	15.804	77	2747126	50.615	ng	98
65) 4,6-Dinitro-2-methylph...	15.586	198	264106	44.134	ng	93
66) n-Nitrosodiphenylamine	15.727	169	2111817	57.852	ng	96
67) 4-Bromophenyl-phenylether	16.404	248	561037	48.389	ng	94
68) Hexachlorobenzene	16.521	284	619680	47.179	ng	97
69) Atrazine	16.668	200	563415	55.843	ng	99
70) Pentachlorophenol	16.862	266	838656	110.147	ng	99
71) Phenanthrene	17.251	178	3290151	50.033	ng	99
72) Anthracene	17.339	178	3257511	51.560	ng	100
73) Carbazole	17.603	167	3011606	48.100	ng	99
74) Di-n-butylphthalate	18.174	149	3921424	52.345	ng	100
75) Fluoranthene	19.256	202	3378998	47.096	ng	98
77) Benzidine	19.439	184	1156137	83.951	ng	99
78) Pyrene	19.621	202	3612709	50.651	ng	100
80) Butylbenzylphthalate	20.515	149	1635123	59.552	ng	96
81) Benzo(a)anthracene	21.415	228	3275214	51.387	ng	99
82) 3,3'-Dichlorobenzidine	21.339	252	849390	50.099	ng	99
83) Chrysene	21.480	228	3097089	51.374	ng	100
84) Bis(2-ethylhexyl)phtha...	21.344	149	2523045	58.658	ng	100
85) Di-n-octyl phthalate	22.491	149	4329939	71.168	ng	97
87) Indeno(1,2,3-cd)pyrene	27.885	276	4436803	62.975	ng	100
88) Benzo(b)fluoranthene	23.503	252	3341406	43.867	ng	99
89) Benzo(k)fluoranthene	23.568	252	3409620	45.166	ng	99
90) Benzo(a)pyrene	24.321	252	3284629	52.613	ng	98
91) Dibenzo(a,h)anthracene	27.944	278	3626745	61.185	ng	99
92) Benzo(g,h,i)perylene	28.950	276	3349245	57.843	ng	99

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

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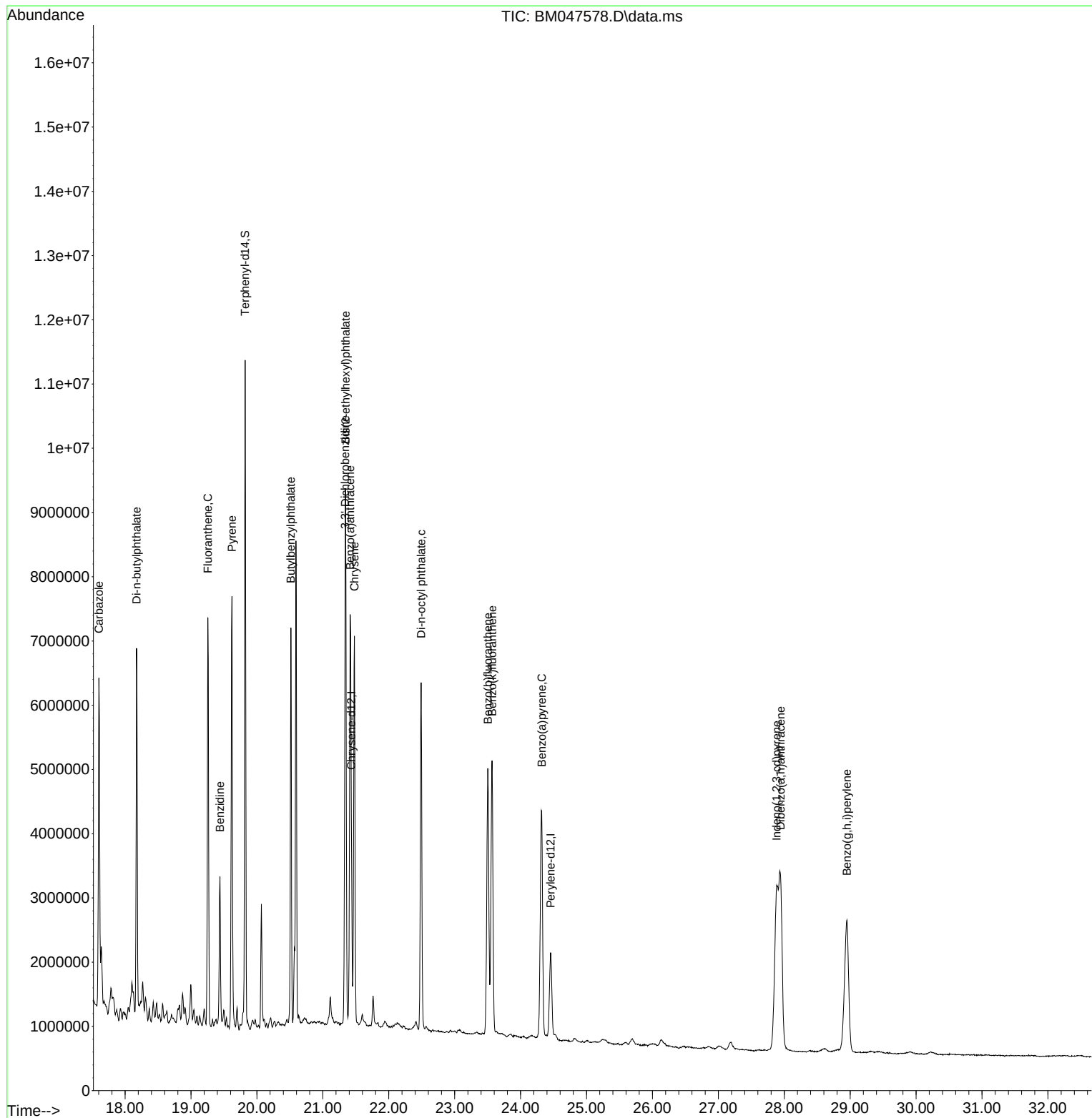
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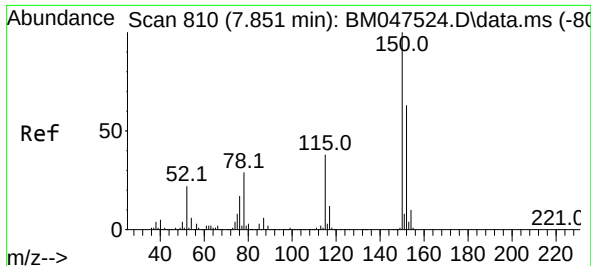


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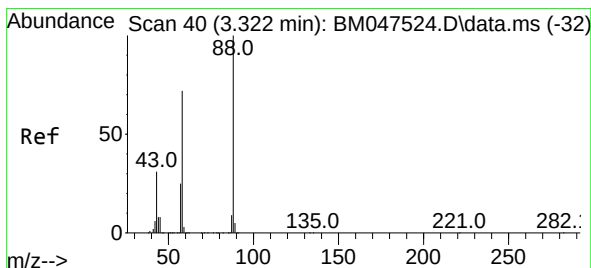
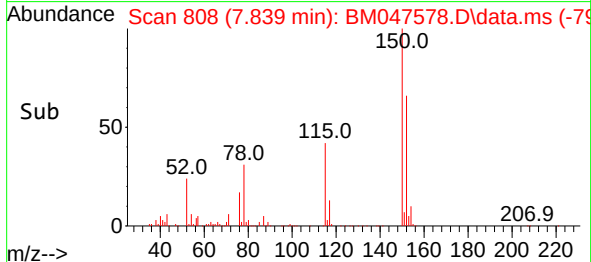
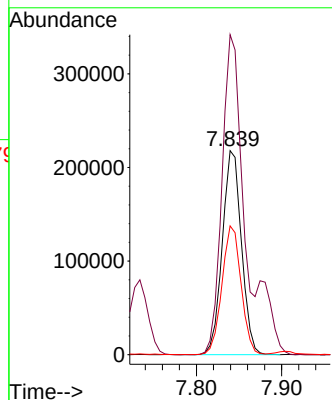
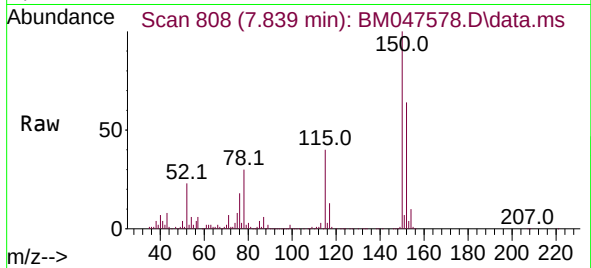




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.839 min Scan# 80
Delta R.T. -0.012 min
Lab File: BM047578.D
Acq: 19 Sep 2024 19:52

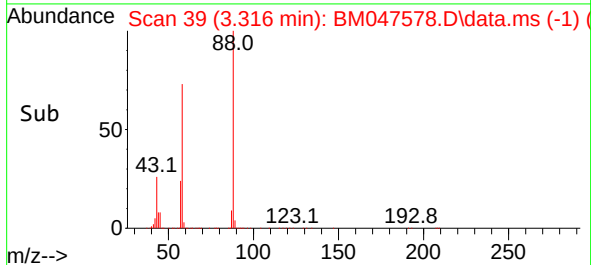
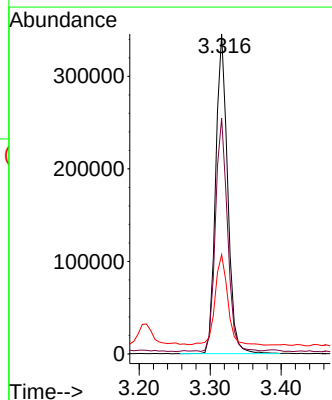
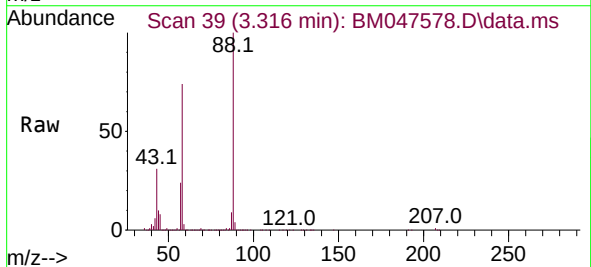
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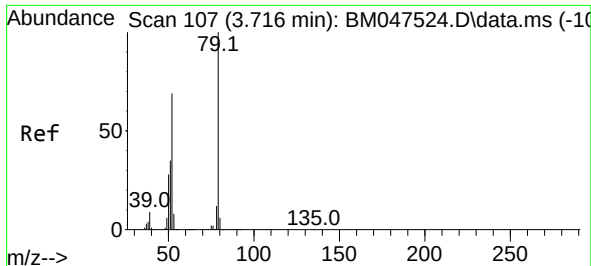
Tgt Ion:152 Resp: 340939
Ion Ratio Lower Upper
152 100
150 156.9 126.8 190.2
115 63.1 47.8 71.8



#2
1,4-Dioxane
Concen: 44.002 ng
RT: 3.316 min Scan# 39
Delta R.T. -0.006 min
Lab File: BM047578.D
Acq: 19 Sep 2024 19:52

Tgt Ion: 88 Resp: 403564
Ion Ratio Lower Upper
88 100
58 73.6 59.0 88.6
43 29.6 25.0 37.4



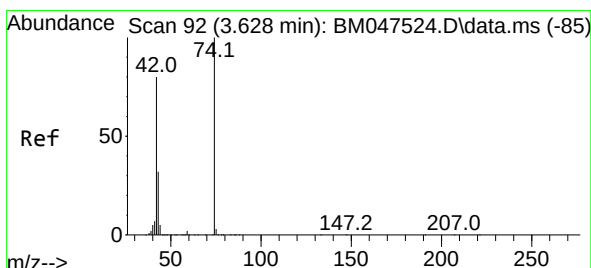
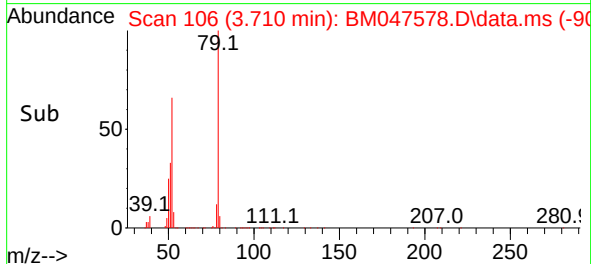
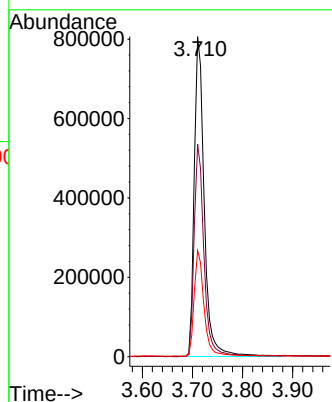
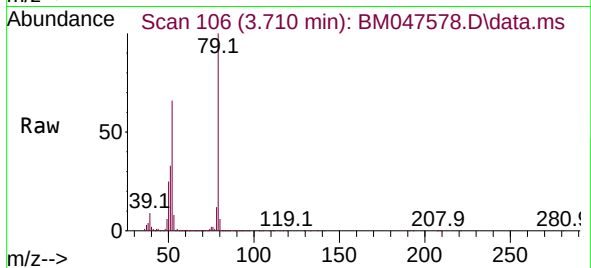


#3
Pyridine
Concen: 40.932 ng
RT: 3.710 min Scan# 11
Delta R.T. -0.006 min
Lab File: BM047578.D
Acq: 19 Sep 2024 19:52

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BNA_M
ClientSampleId :
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Tgt Ion: 79 Resp: 1117464

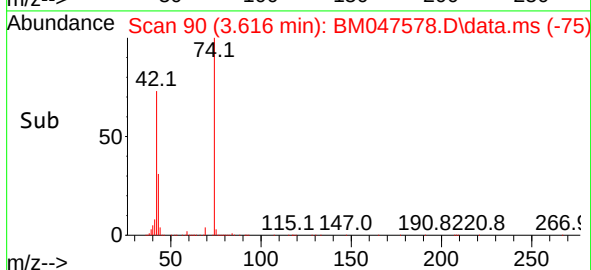
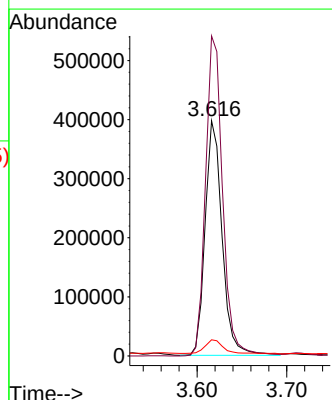
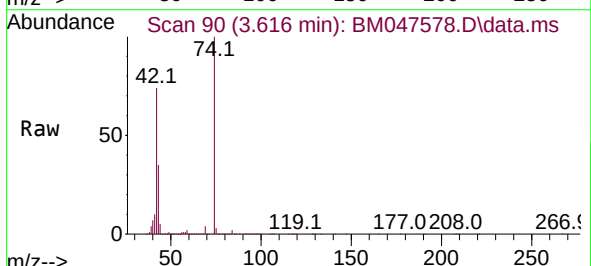
Ion	Ratio	Lower	Upper
79	100		
52	66.3	55.4	83.0
51	33.1	27.9	41.9

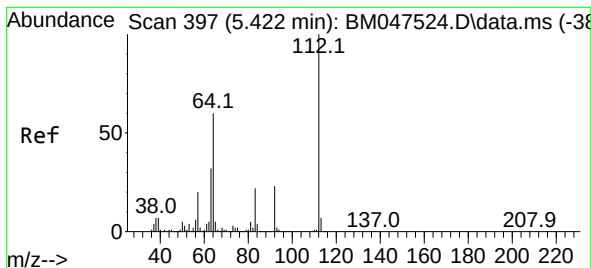


#4
n-Nitrosodimethylamine
Concen: 42.119 ng
RT: 3.616 min Scan# 90
Delta R.T. -0.012 min
Lab File: BM047578.D
Acq: 19 Sep 2024 19:52

Tgt Ion: 42 Resp: 521710

Ion	Ratio	Lower	Upper
42	100		
74	136.0	100.5	150.7
44	6.9	6.9	10.3





#5

2-Fluorophenol

Concen: 121.566 ng

RT: 5.416 min Scan# 397

Delta R.T. -0.006 min

Lab File: BM047578.D

Acq: 19 Sep 2024 19:52

Instrument :

BNA_M

ClientSampleId :

WC-14-7.5-10BMS

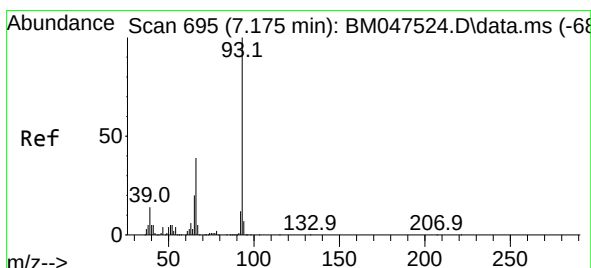
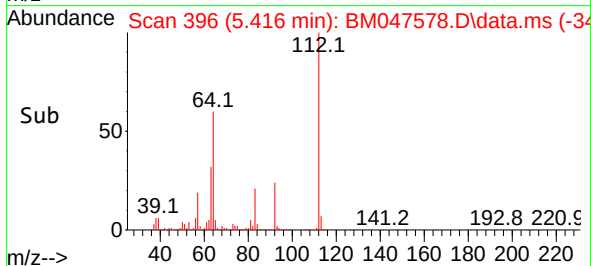
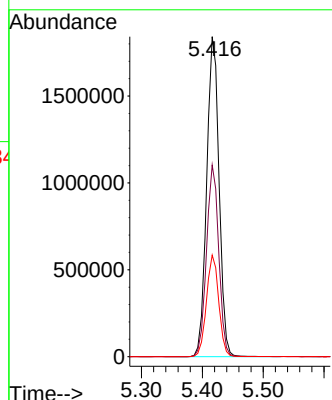
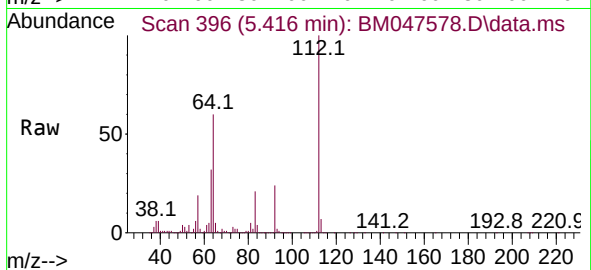
Tgt Ion:112 Resp: 2603080

Ion Ratio Lower Upper

112 100

64 59.9 48.2 72.4

63 31.7 26.0 39.0



#6

Aniline

Concen: 26.743 ng

RT: 7.163 min Scan# 693

Delta R.T. -0.012 min

Lab File: BM047578.D

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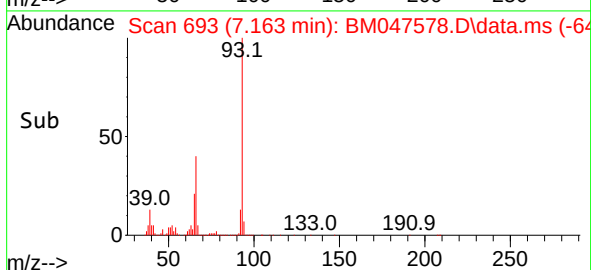
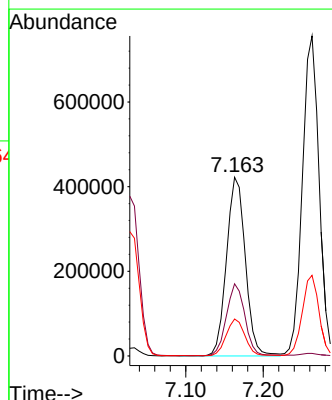
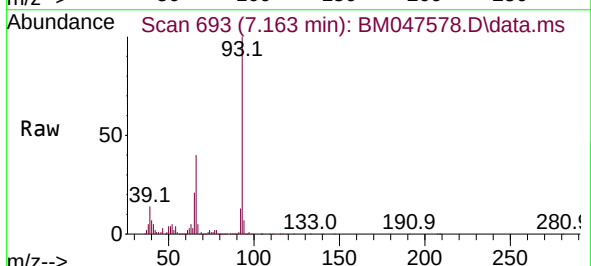
Tgt Ion: 93 Resp: 714968

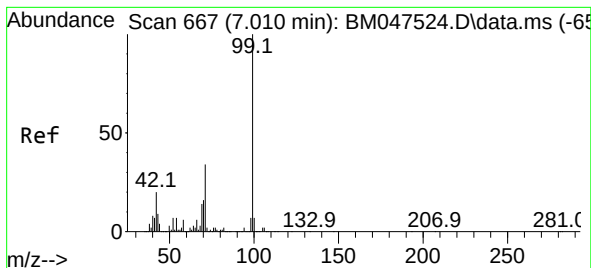
Ion Ratio Lower Upper

93 100

66 40.4 31.4 47.0

65 20.7 16.3 24.5





#7

Phenol-d6

Concen: 110.952 ng

RT: 7.004 min Scan# 6

Delta R.T. -0.006 min

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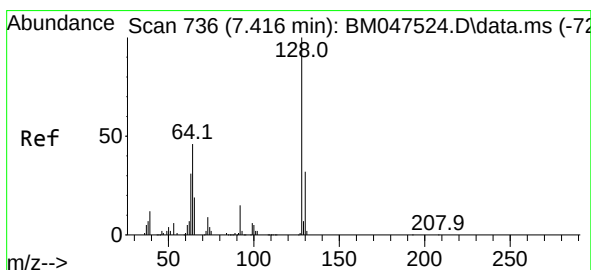
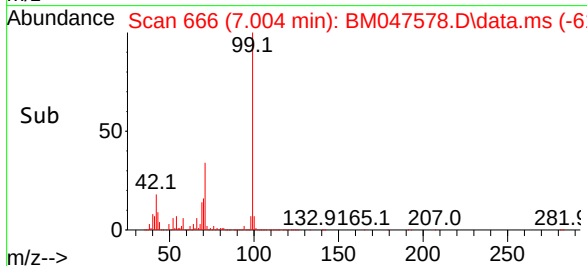
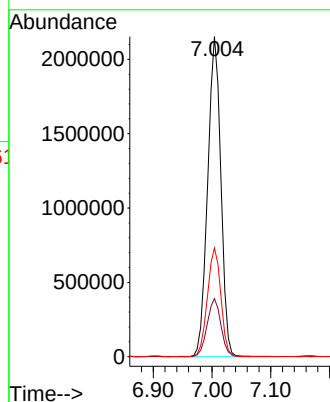
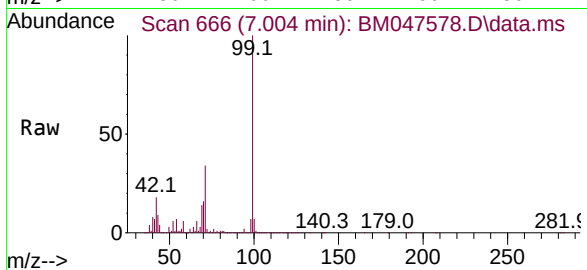
Tgt Ion: 99 Resp: 3345802

Ion Ratio Lower Upper

99 100

42 18.1 15.8 23.8

71 34.0 27.6 41.4



#8

2-Chlorophenol

Concen: 48.253 ng

RT: 7.404 min Scan# 734

Delta R.T. -0.012 min

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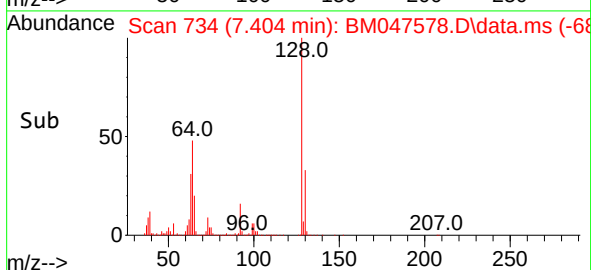
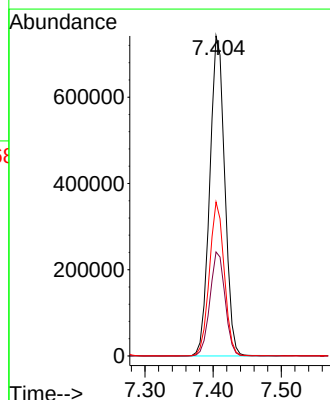
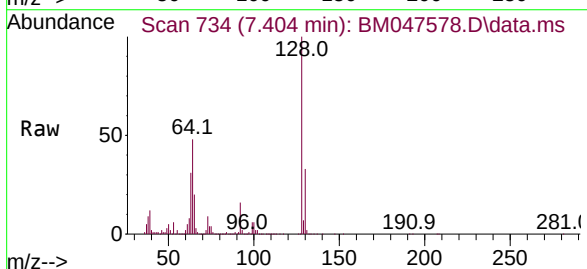
Tgt Ion: 128 Resp: 1139030

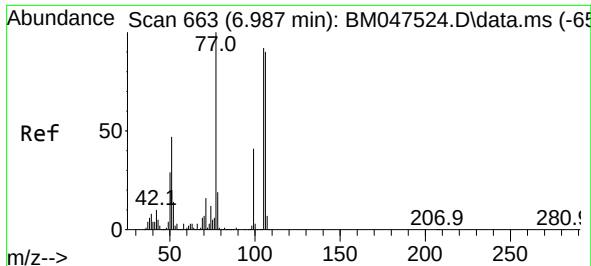
Ion Ratio Lower Upper

128 100

130 32.5 11.8 51.8

64 48.1 27.6 67.6

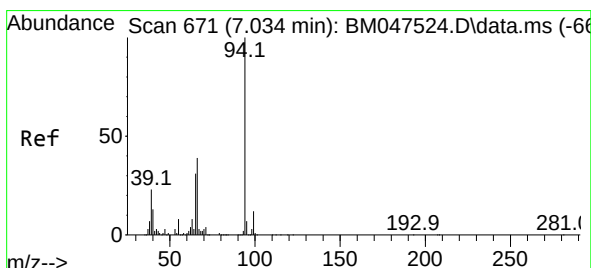
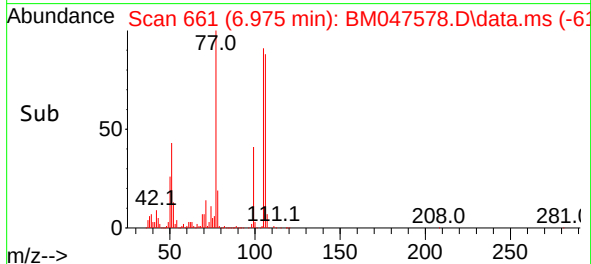
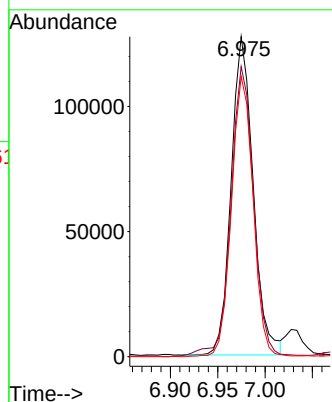
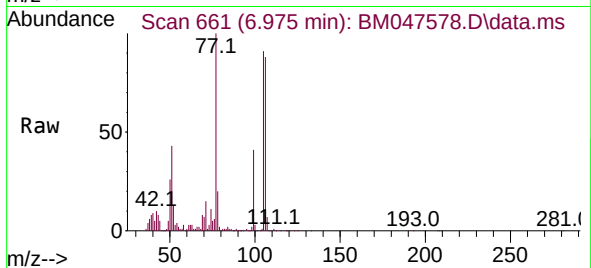




#9
Benzaldehyde
Concen: 14.333 ng
RT: 6.975 min Scan# 60
Delta R.T. -0.012 min
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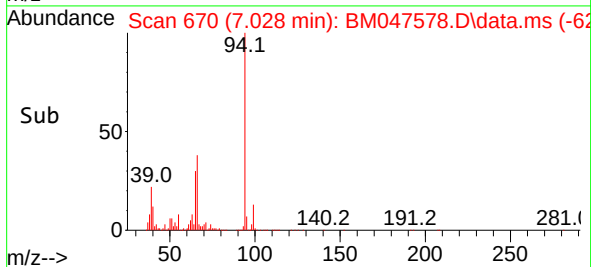
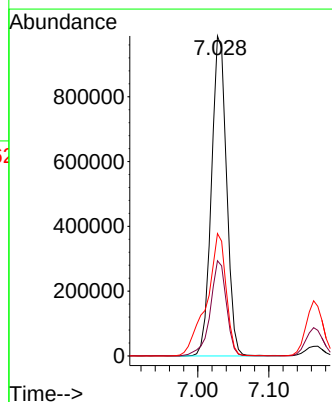
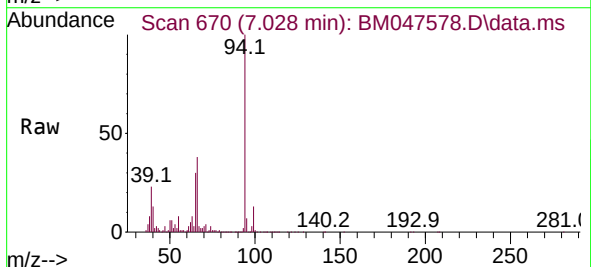
Instrument :
BNA_M
ClientSampleId :
WC-14-7.5-10BMS

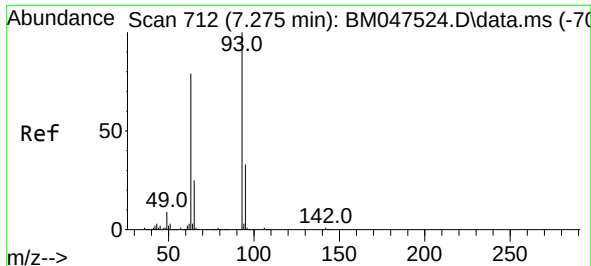
Tgt Ion: 77 Resp: 205512
Ion Ratio Lower Upper
77 100
105 90.7 71.8 111.8
106 87.5 69.7 109.7



#10
Phenol
Concen: 48.422 ng
RT: 7.028 min Scan# 670
Delta R.T. -0.006 min
Lab File: BM047578.D
Acq: 19 Sep 2024 19:52

Tgt Ion: 94 Resp: 1462062
Ion Ratio Lower Upper
94 100
65 29.8 10.8 50.8
66 38.2 19.2 59.2



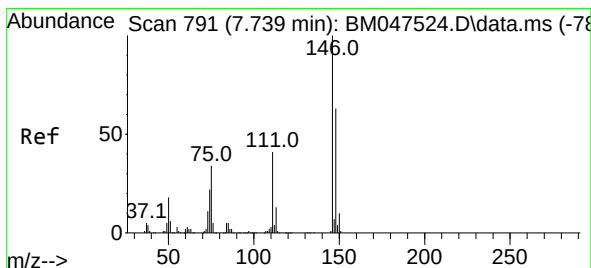
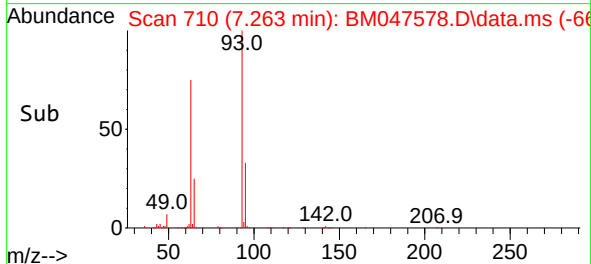
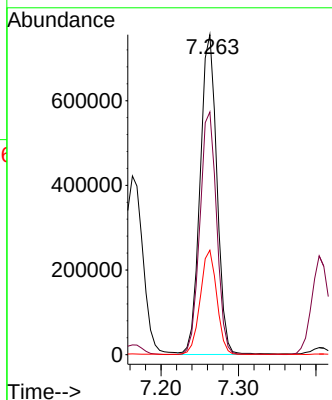
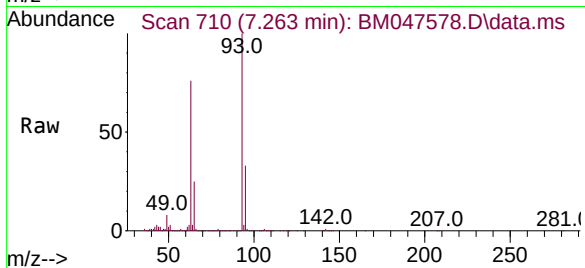


#11
bis(2-Chloroethyl)ether
Concen: 46.801 ng
RT: 7.263 min Scan# 712
Delta R.T. -0.012 min
Lab File: BM047578.D
Acq: 19 Sep 2024 19:52

Instrument :
BNA_M
ClientSampleId :
WC-14-7.5-10BMS

Tgt Ion: 93 Resp: 1134498

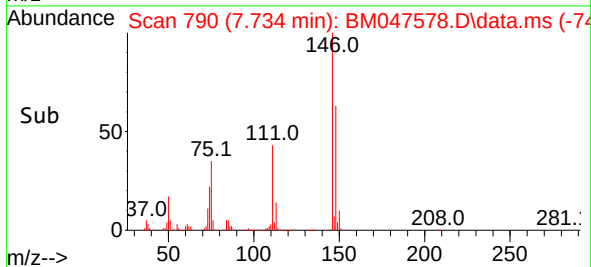
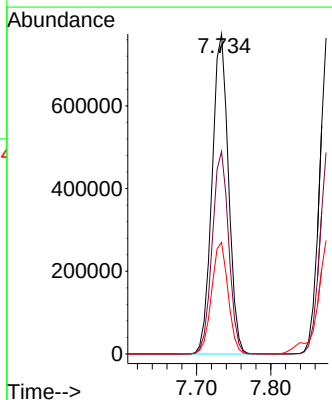
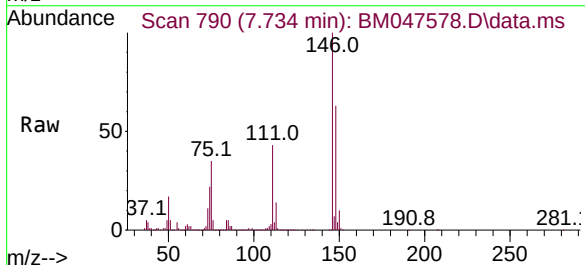
Ion	Ratio	Lower	Upper
93	100		
63	75.9	58.2	98.2
95	32.7	12.8	52.8

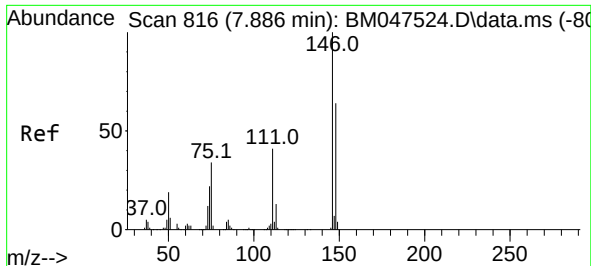


#12
1,3-Dichlorobenzene
Concen: 45.962 ng
RT: 7.734 min Scan# 790
Delta R.T. -0.006 min
Lab File: BM047578.D
Acq: 19 Sep 2024 19:52

Tgt Ion: 146 Resp: 1187550

Ion	Ratio	Lower	Upper
146	100		
148	63.3	50.2	75.4
75	34.8	27.4	41.0





#13

1,4-Dichlorobenzene

Concen: 45.638 ng

RT: 7.875 min Scan# 816

Delta R.T. -0.012 min

Lab File: BM047578.D

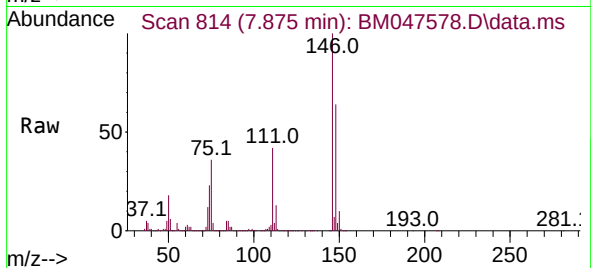
Acq: 19 Sep 2024 19:52

Instrument :

BNA_M

ClientSampleId :

WC-14-7.5-10BMS



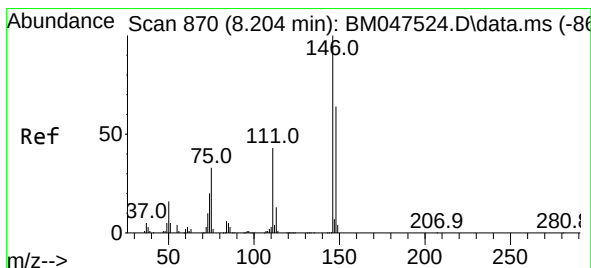
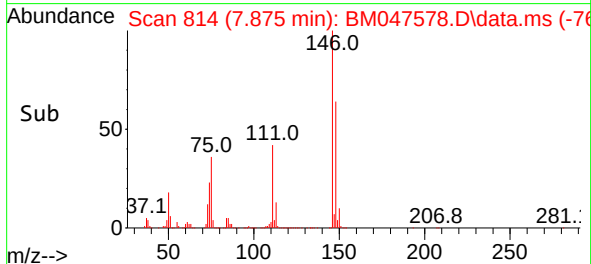
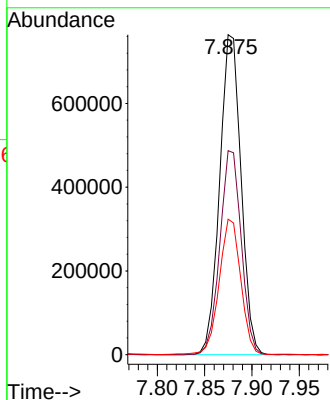
Tgt Ion:146 Resp: 1201022

Ion Ratio Lower Upper

146 100

148 63.7 51.3 76.9

111 42.4 32.9 49.3



#14

1,2-Dichlorobenzene

Concen: 44.163 ng

RT: 8.192 min Scan# 868

Delta R.T. -0.012 min

Lab File: BM047578.D

Acq: 19 Sep 2024 19:52

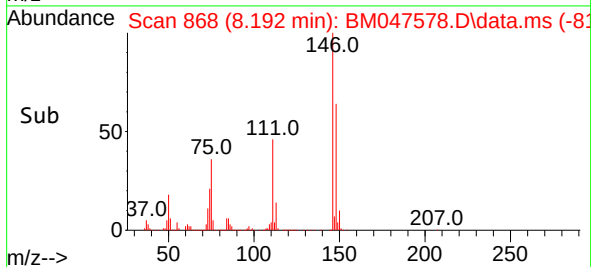
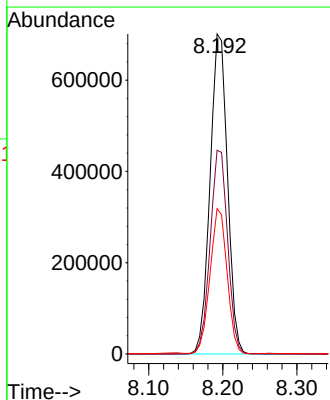
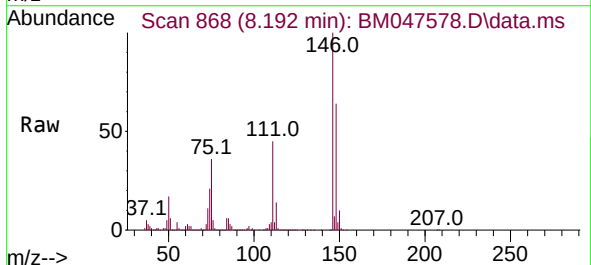
Tgt Ion:146 Resp: 1143760

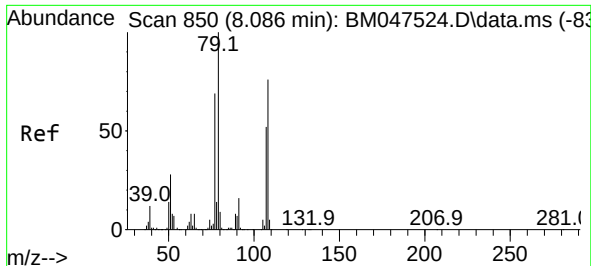
Ion Ratio Lower Upper

146 100

148 63.7 51.1 76.7

111 45.4 34.7 52.1

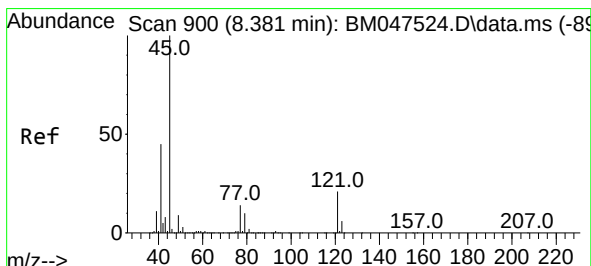
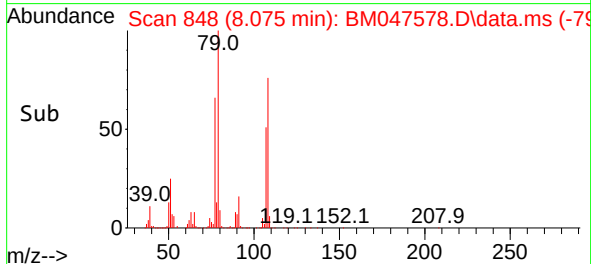
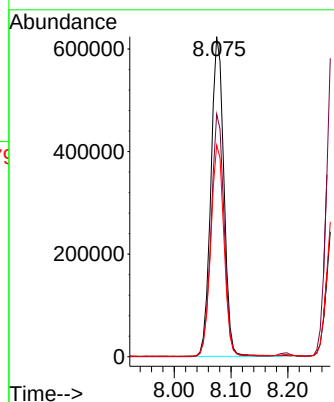
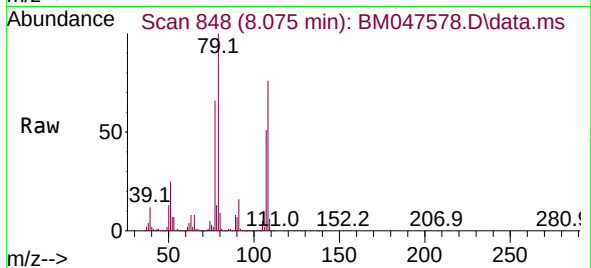




#15
Benzyl Alcohol
Concen: 48.227 ng
RT: 8.075 min Scan# 84
Delta R.T. -0.012 min
Lab File: BM047578.D
Acq: 19 Sep 2024 19:52

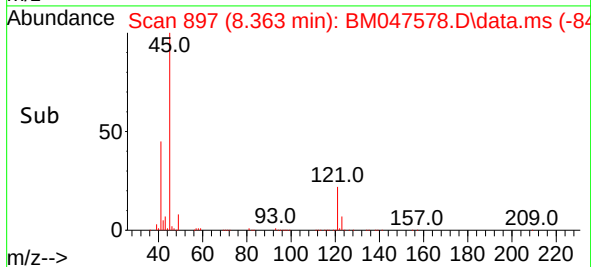
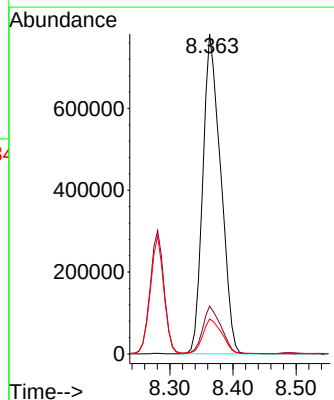
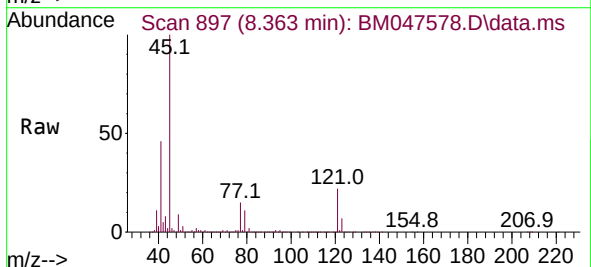
Instrument :
BNA_M
ClientSampleId :
WC-14-7.5-10BMS

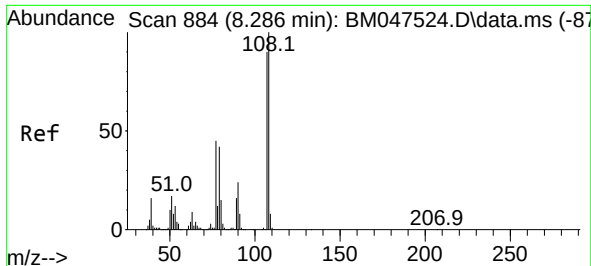
Tgt Ion: 79 Resp: 985096
Ion Ratio Lower Upper
79 100
108 75.9 60.6 91.0
77 66.1 55.0 82.4



#16
2,2'-oxybis(1-chloropropane)
Concen: 44.956 ng
RT: 8.363 min Scan# 897
Delta R.T. -0.018 min
Lab File: BM047578.D
Acq: 19 Sep 2024 19:52

Tgt Ion: 45 Resp: 1532952
Ion Ratio Lower Upper
45 100
77 15.0 0.0 33.7
79 10.9 0.0 30.3





#17

2-Methylphenol

Concen: 47.158 ng

RT: 8.281 min Scan# 884

Delta R.T. -0.006 min

Lab File: BM047578.D

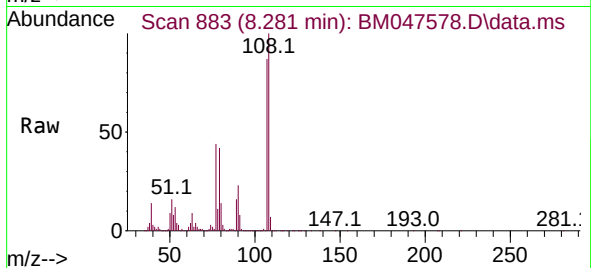
Acq: 19 Sep 2024 19:52

Instrument :

BNA_M

ClientSampleId :

WC-14-7.5-10BMS



Tgt Ion:107 Resp: 909624

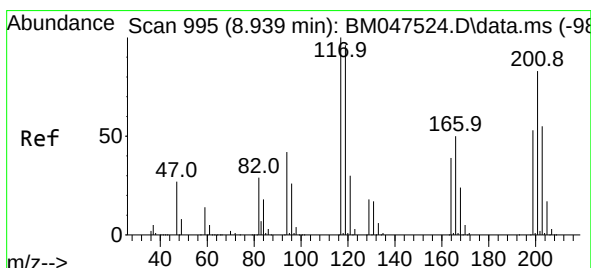
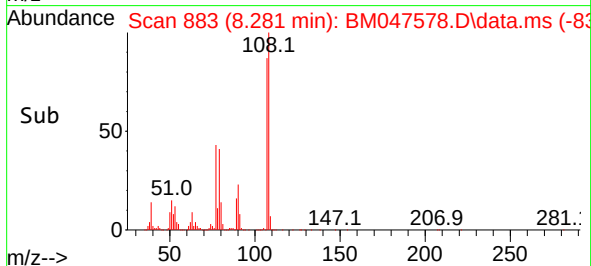
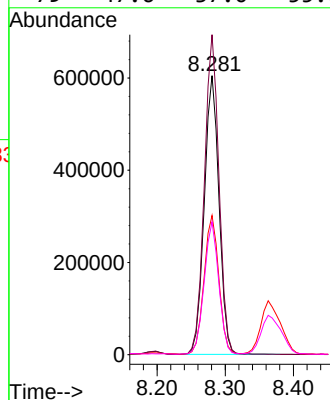
Ion Ratio Lower Upper

107 100

108 114.7 88.9 133.3

77 49.9 39.8 59.8

79 47.6 37.0 55.6



#18

Hexachloroethane

Concen: 47.652 ng

RT: 8.928 min Scan# 993

Delta R.T. -0.012 min

Lab File: BM047578.D

Acq: 19 Sep 2024 19:52

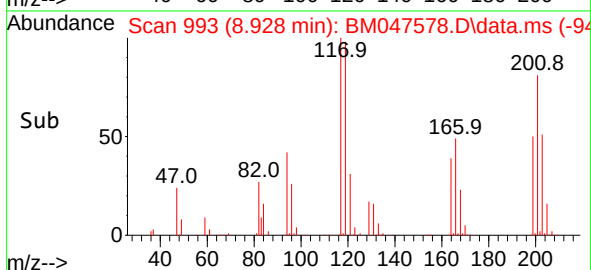
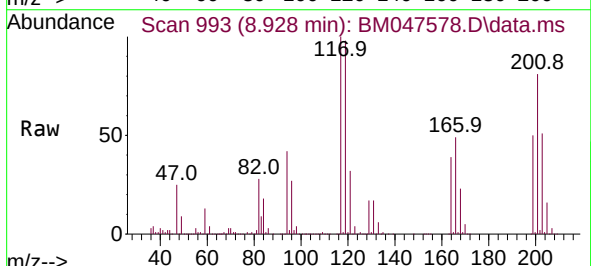
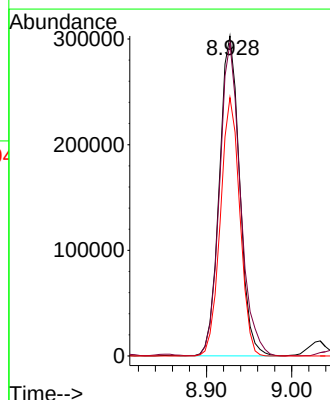
Tgt Ion:117 Resp: 500958

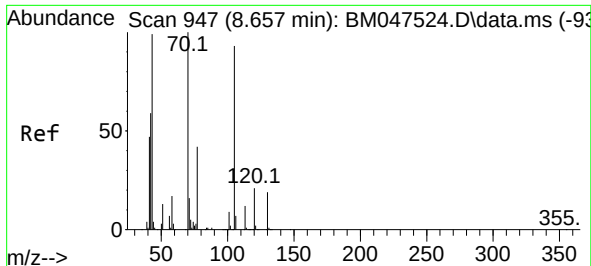
Ion Ratio Lower Upper

117 100

119 97.8 77.0 115.4

201 80.8 66.8 100.2

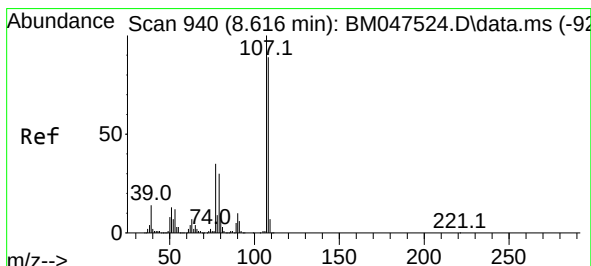
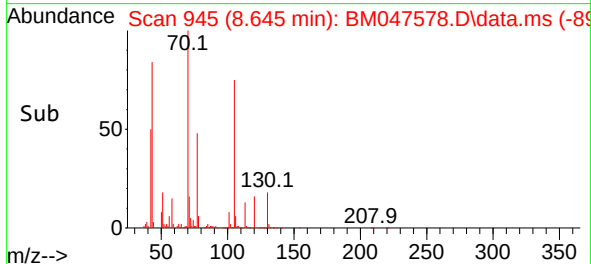
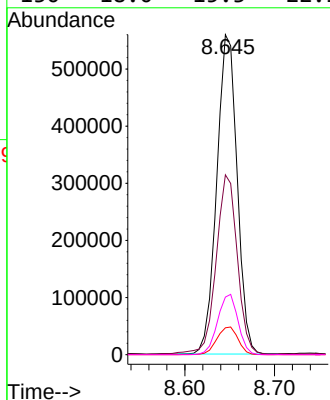
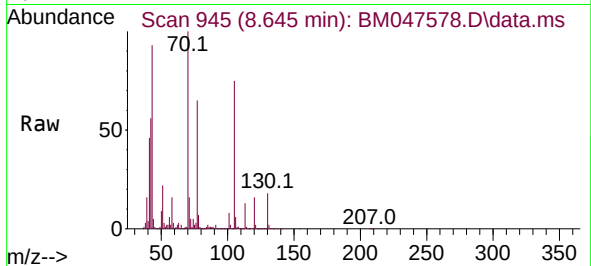




#19
n-Nitroso-di-n-propylamine
Concen: 43.391 ng
RT: 8.645 min Scan# 94
Delta R.T. -0.012 min
Lab File: BM047578.D
Acq: 19 Sep 2024 19:52

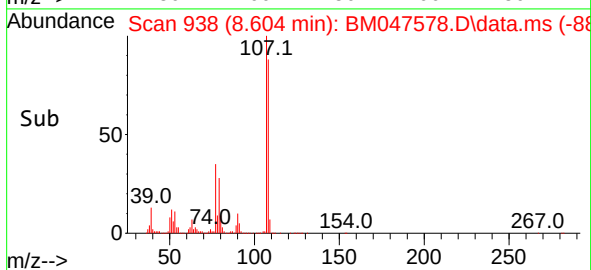
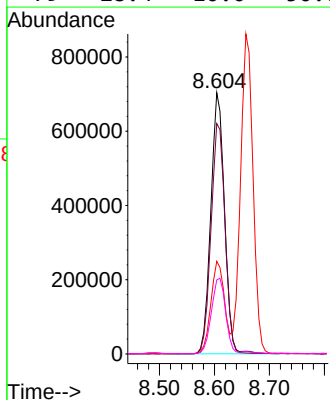
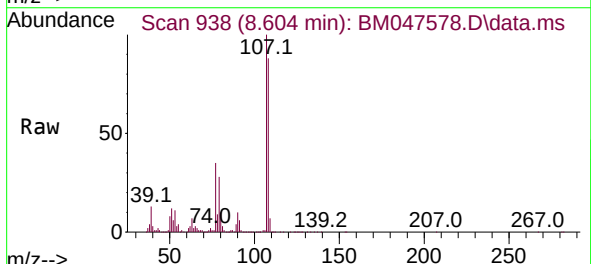
Instrument :
BNA_M
ClientSampleId :
WC-14-7.5-10BMS

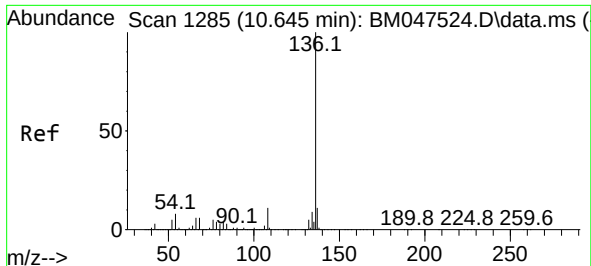
Tgt Ion: 70 Resp: 882220
Ion Ratio Lower Upper
70 100
42 56.2 48.2 72.2
101 8.4 7.0 10.4
130 18.0 15.3 22.9



#20
3+4-Methylphenols
Concen: 45.332 ng
RT: 8.604 min Scan# 938
Delta R.T. -0.012 min
Lab File: BM047578.D
Acq: 19 Sep 2024 19:52

Tgt Ion: 107 Resp: 1220087
Ion Ratio Lower Upper
107 100
108 88.2 68.9 108.9
77 35.5 15.5 55.5
79 28.4 10.0 50.0

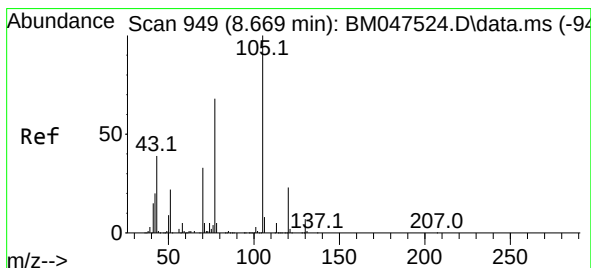
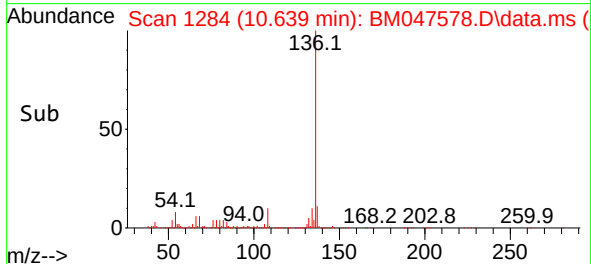
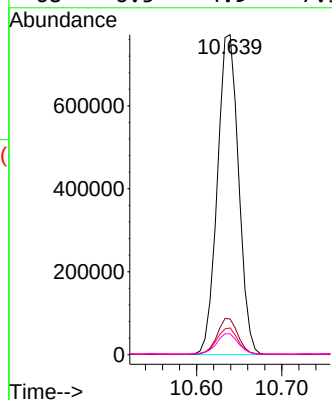
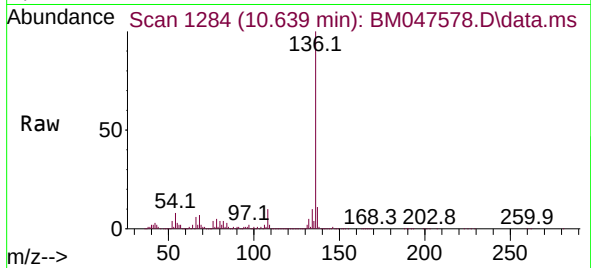




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.639 min Scan# 11
Delta R.T. -0.006 min
Lab File: BM047578.D
Acq: 19 Sep 2024 19:52

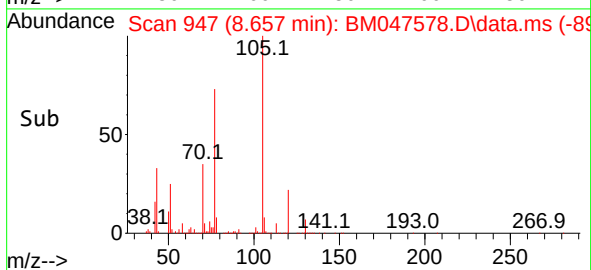
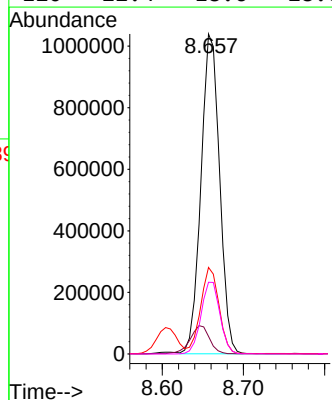
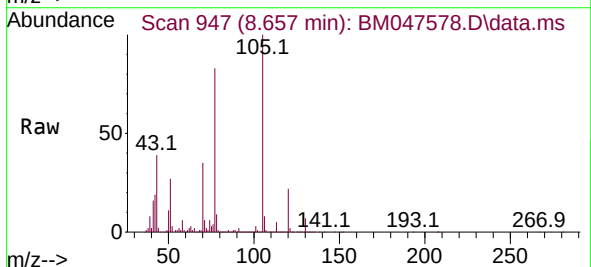
Instrument :
BNA_M
ClientSampleId :
WC-14-7.5-10BMS

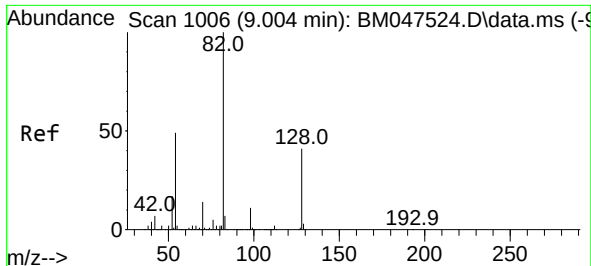
Tgt Ion:136 Resp: 1335428
Ion Ratio Lower Upper
136 100
137 11.2 9.0 13.6
54 8.4 6.6 9.8
68 6.5 4.9 7.3



#22
Acetophenone
Concen: 47.142 ng
RT: 8.657 min Scan# 947
Delta R.T. -0.012 min
Lab File: BM047578.D
Acq: 19 Sep 2024 19:52

Tgt Ion:105 Resp: 1655102
Ion Ratio Lower Upper
105 100
71 5.5 4.3 6.5
51 27.1 21.5 32.3
120 22.4 18.6 28.0

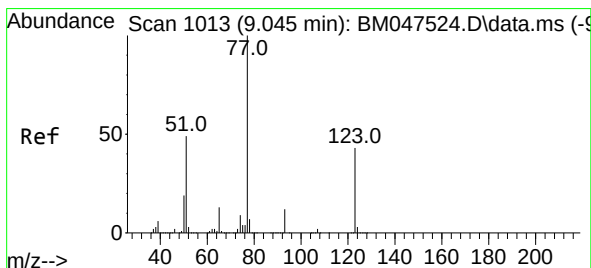
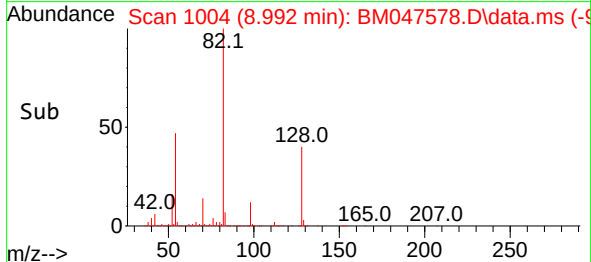
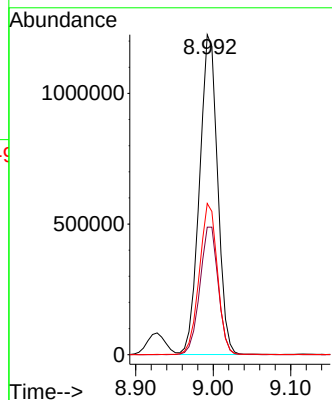
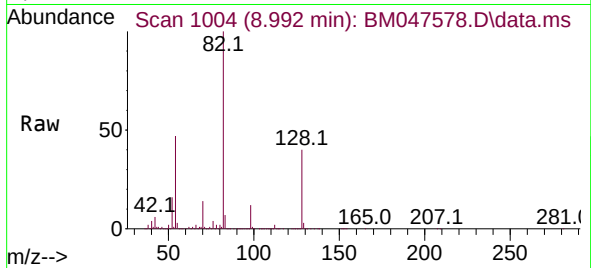




#23
Nitrobenzene-d5
Concen: 74.244 ng
RT: 8.992 min Scan# 1004
Delta R.T. -0.012 min
Lab File: BM047578.D
Acq: 19 Sep 2024 19:52

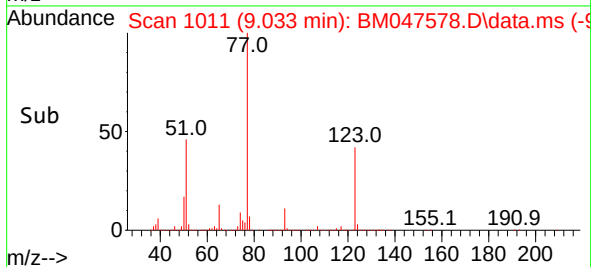
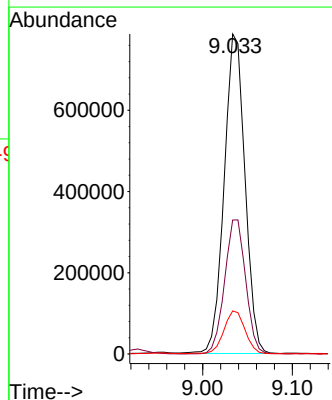
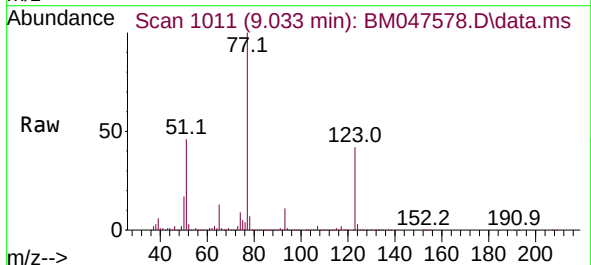
Instrument :
BNA_M
ClientSampleId :
WC-14-7.5-10BMS

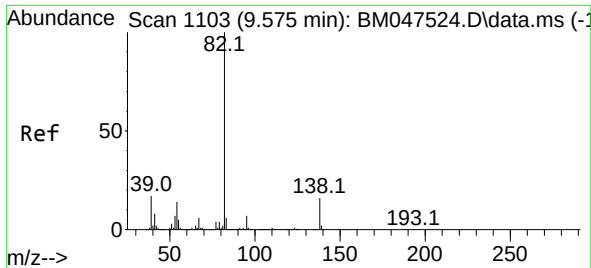
Tgt Ion: 82 Resp: 1981115
Ion Ratio Lower Upper
82 100
128 39.8 33.0 49.4
54 47.2 39.3 58.9



#24
Nitrobenzene
Concen: 46.150 ng
RT: 9.033 min Scan# 1011
Delta R.T. -0.012 min
Lab File: BM047578.D
Acq: 19 Sep 2024 19:52

Tgt Ion: 77 Resp: 1265428
Ion Ratio Lower Upper
77 100
123 41.9 34.5 51.7
65 13.5 10.7 16.1





#25

Isophorone

Concen: 47.798 ng

RT: 9.569 min Scan# 1102

Delta R.T. -0.006 min

Lab File: BM047578.D

Acq: 19 Sep 2024 19:52

Instrument :

BNA_M

ClientSampleId :

WC-14-7.5-10BMS

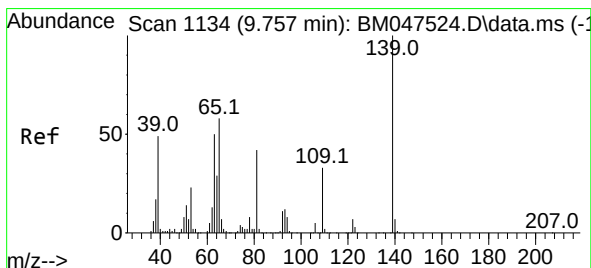
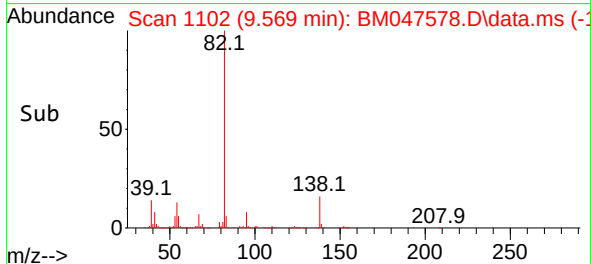
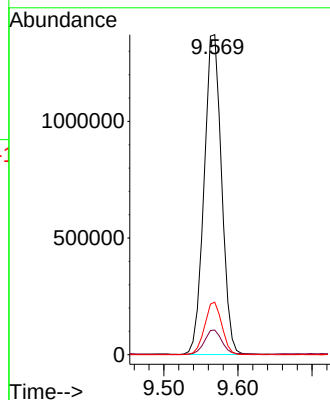
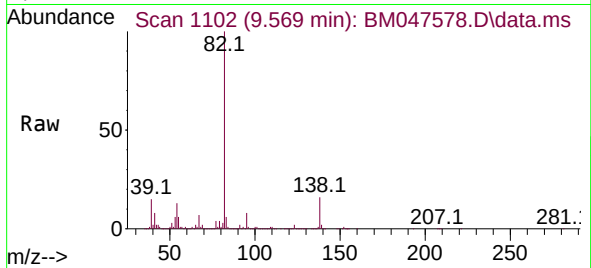
Tgt Ion: 82 Resp: 2242299

Ion Ratio Lower Upper

82 100

95 7.7 5.4 8.0

138 16.4 12.9 19.3



#26

2-Nitrophenol

Concen: 53.194 ng

RT: 9.745 min Scan# 1132

Delta R.T. -0.012 min

Lab File: BM047578.D

Acq: 19 Sep 2024 19:52

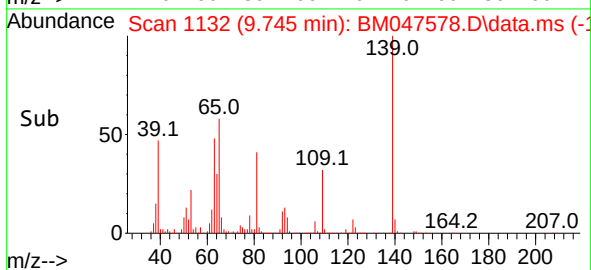
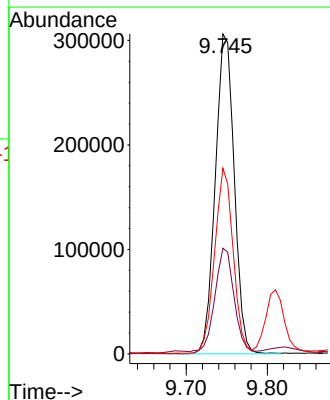
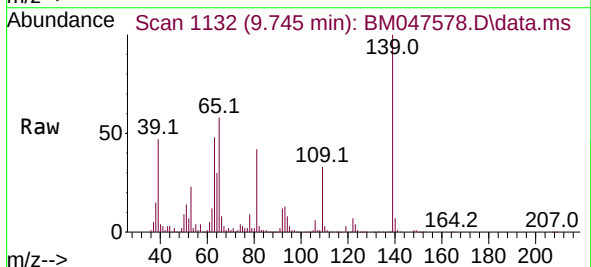
Tgt Ion:139 Resp: 497022

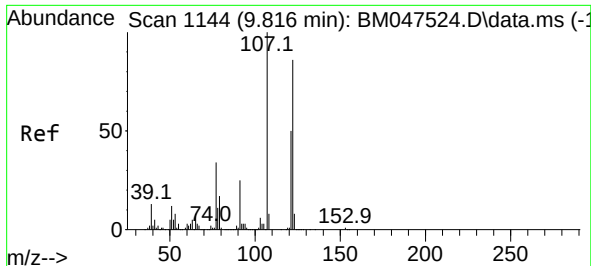
Ion Ratio Lower Upper

139 100

109 33.1 26.0 39.0

65 58.0 46.2 69.4





#27

2,4-Dimethylphenol

Concen: 60.228 ng

RT: 9.810 min Scan# 1144

Delta R.T. -0.006 min

Lab File: BM047578.D

Acq: 19 Sep 2024 19:52

Instrument :

BNA_M

ClientSampleId :

WC-14-7.5-10BMS

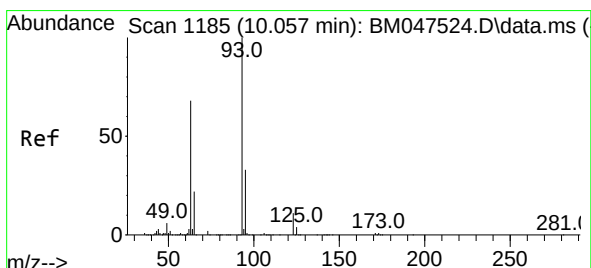
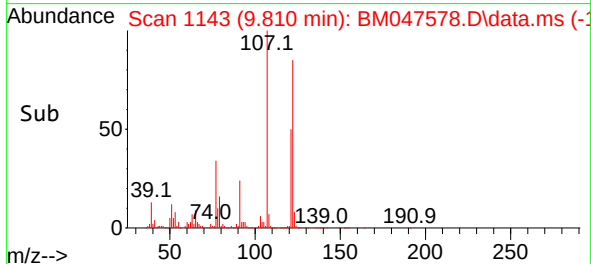
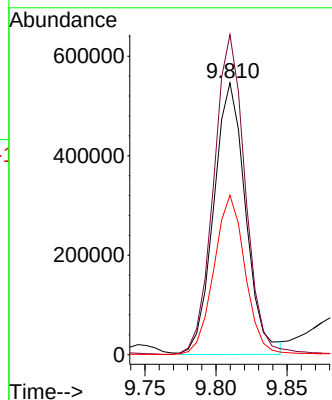
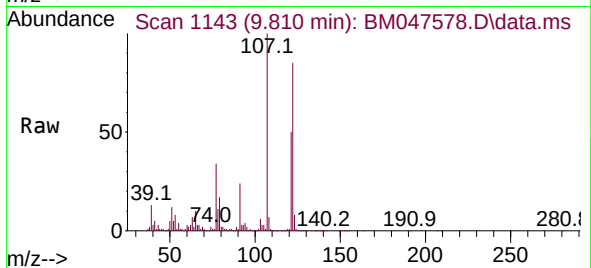
Tgt Ion:122 Resp: 853057

Ion Ratio Lower Upper

122 100

107 117.7 92.4 138.6

121 58.6 46.2 69.4



#28

bis(2-Chloroethoxy)methane

Concen: 47.114 ng

RT: 10.045 min Scan# 1183

Delta R.T. -0.012 min

Lab File: BM047578.D

Acq: 19 Sep 2024 19:52

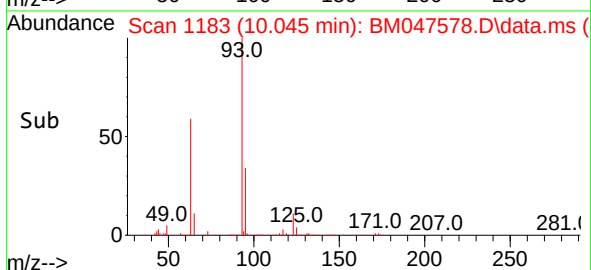
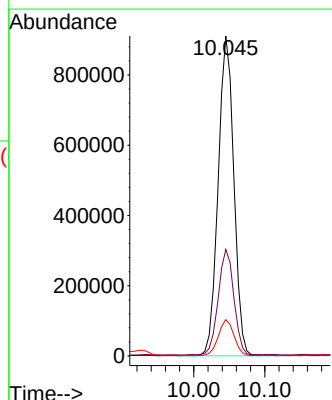
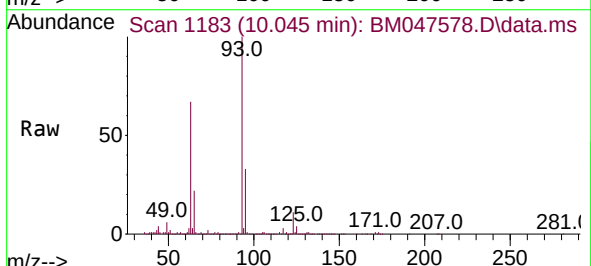
Tgt Ion: 93 Resp: 1388310

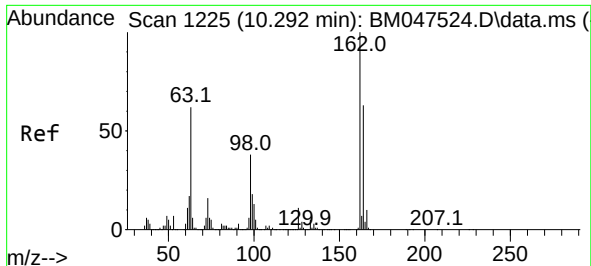
Ion Ratio Lower Upper

93 100

95 33.3 26.2 39.2

123 11.4 9.2 13.8





#29

2,4-Dichlorophenol

Concen: 49.499 ng

RT: 10.280 min Scan# 1223

Delta R.T. -0.012 min

Lab File: BM047578.D

Acq: 19 Sep 2024 19:52

Instrument :

BNA_M

ClientSampleId :

WC-14-7.5-10BMS

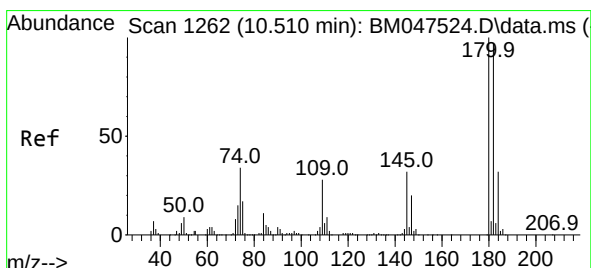
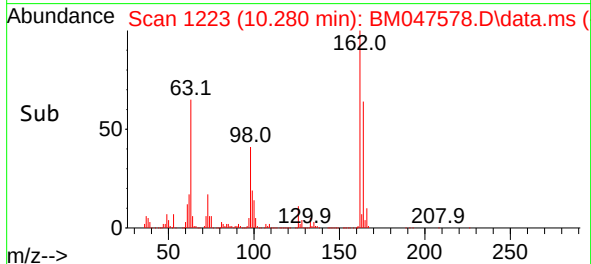
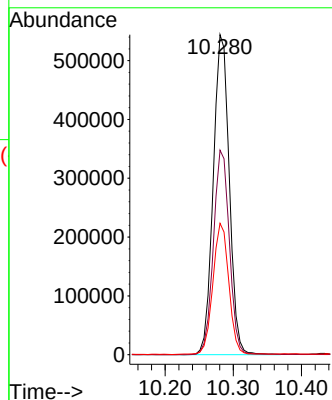
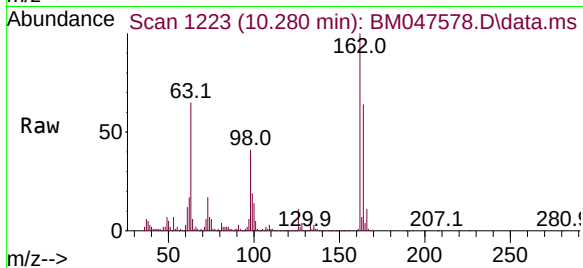
Tgt Ion:162 Resp: 890718

Ion Ratio Lower Upper

162 100

164 63.9 43.5 83.5

98 41.1 17.6 57.6



#30

1,2,4-Trichlorobenzene

Concen: 44.432 ng

RT: 10.498 min Scan# 1260

Delta R.T. -0.012 min

Lab File: BM047578.D

Acq: 19 Sep 2024 19:52

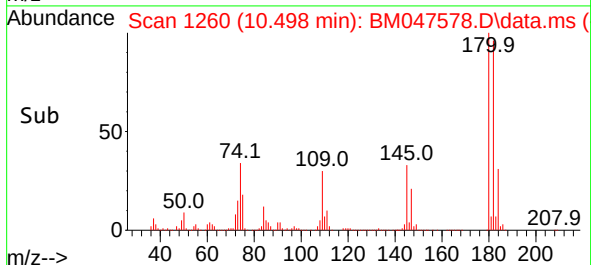
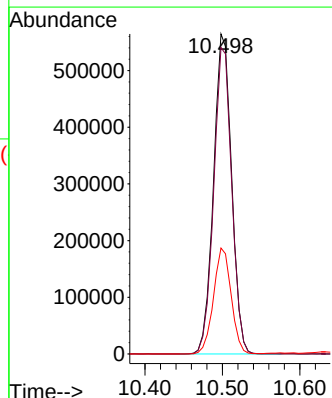
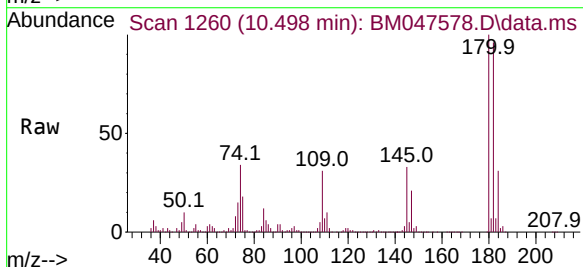
Tgt Ion:180 Resp: 915874

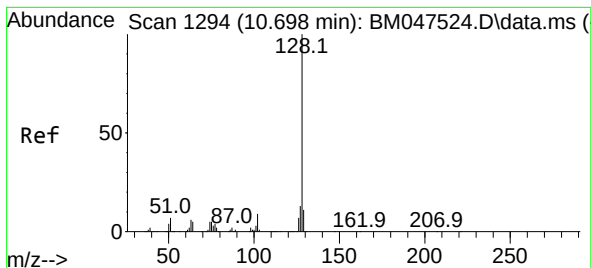
Ion Ratio Lower Upper

180 100

182 95.7 77.6 116.4

145 33.1 25.4 38.0





#31

Naphthalene

Concen: 45.780 ng

RT: 10.686 min Scan# 1163

Delta R.T. -0.012 min

Lab File: BM047578.D

Acq: 19 Sep 2024 19:52

Instrument :

BNA_M

ClientSampleId :

WC-14-7.5-10BMS

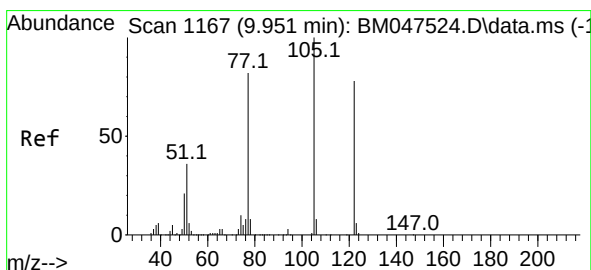
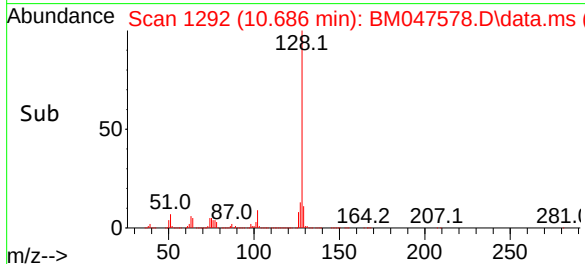
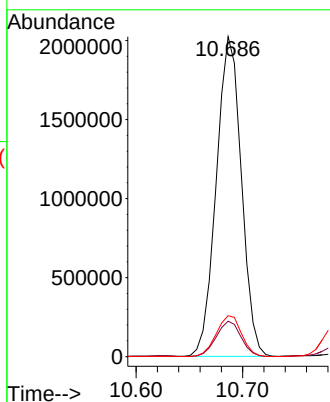
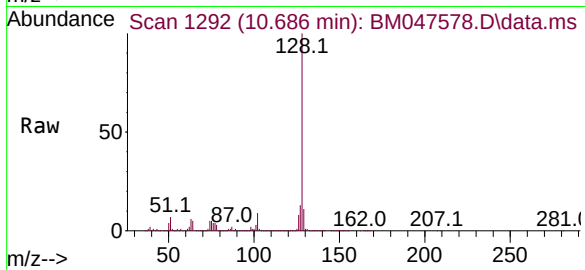
Tgt Ion:128 Resp: 3301786

Ion Ratio Lower Upper

128 100

129 11.1 8.7 13.1

127 12.8 10.5 15.7



#32

Benzoic acid

Concen: 44.545 ng

RT: 9.928 min Scan# 1163

Delta R.T. -0.024 min

Lab File: BM047578.D

Acq: 19 Sep 2024 19:52

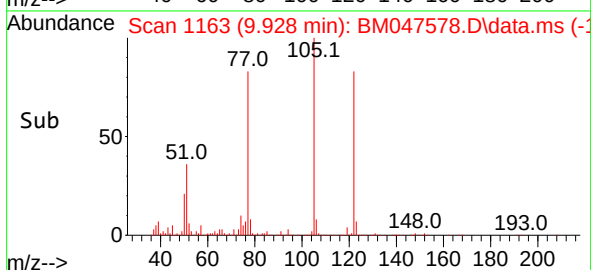
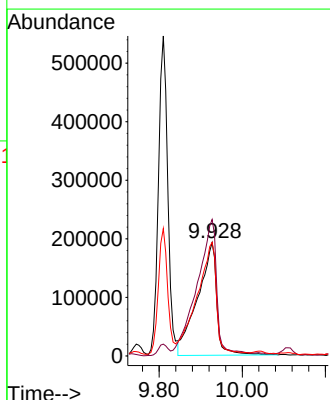
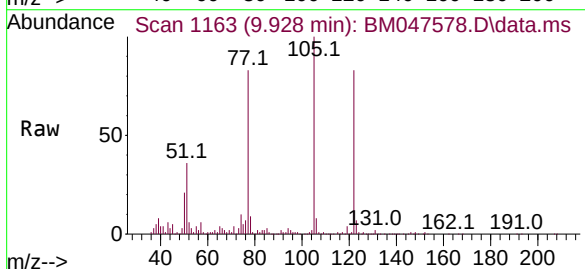
Tgt Ion:122 Resp: 614117

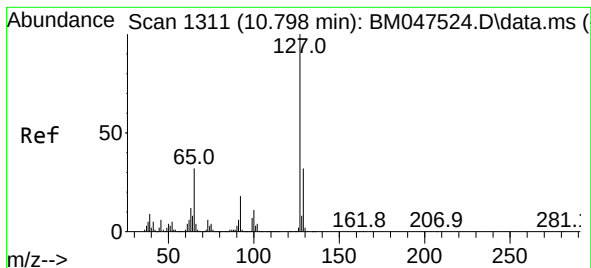
Ion Ratio Lower Upper

122 100

105 120.6 104.7 144.7

77 100.4 83.4 123.4





#33

4-Chloroaniline

Concen: 15.026 ng

RT: 10.792 min Scan# 1311

Delta R.T. -0.006 min

Lab File: BM047578.D

Acq: 19 Sep 2024 19:52

Instrument :

BNA_M

ClientSampleId :

WC-14-7.5-10BMS

Tgt Ion:127 Resp: 391824

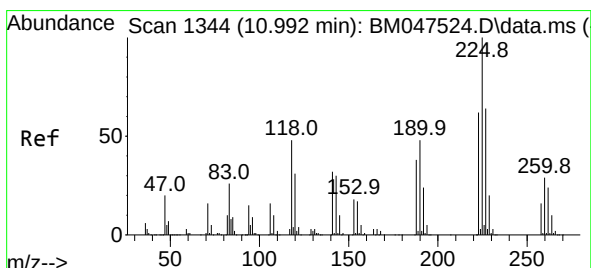
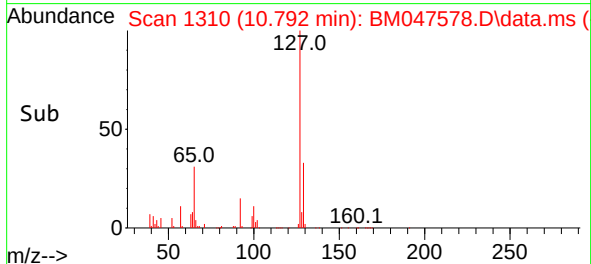
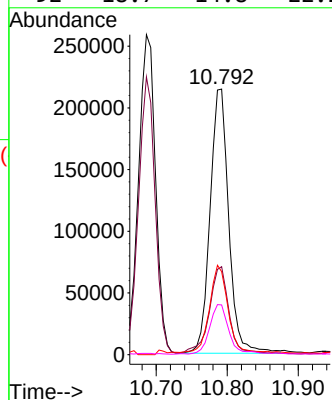
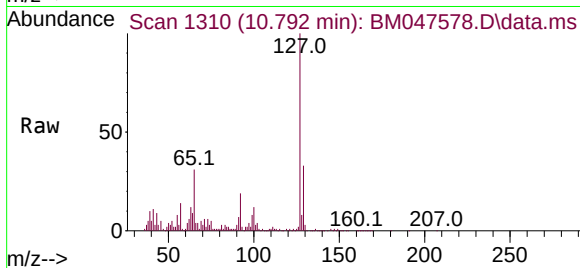
Ion Ratio Lower Upper

127 100

129 33.2 25.4 38.0

65 31.2 25.5 38.3

92 18.7 14.8 22.2



#34

Hexachlorobutadiene

Concen: 44.304 ng

RT: 10.980 min Scan# 1342

Delta R.T. -0.012 min

Lab File: BM047578.D

Acq: 19 Sep 2024 19:52

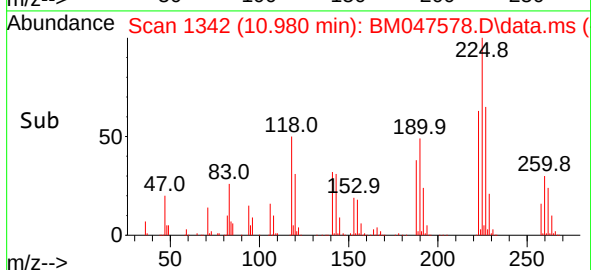
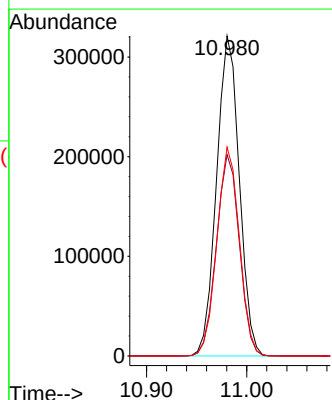
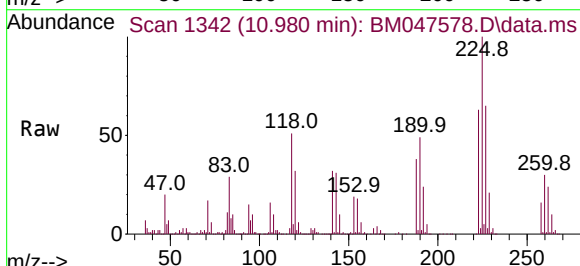
Tgt Ion:225 Resp: 505820

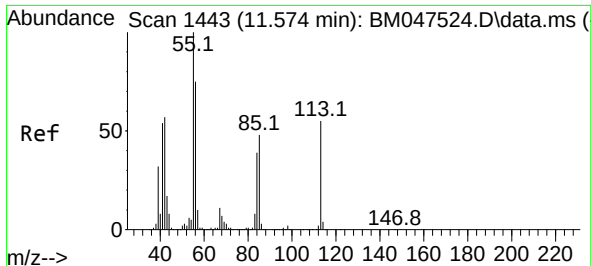
Ion Ratio Lower Upper

225 100

223 62.9 49.8 74.6

227 65.2 51.0 76.4

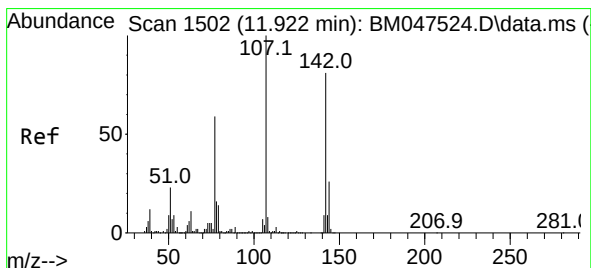
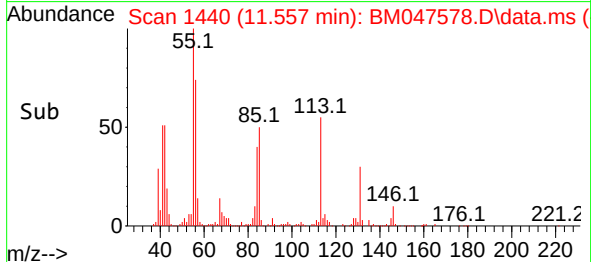
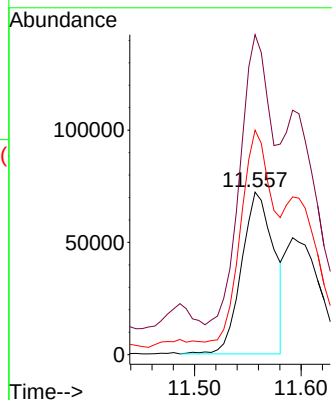
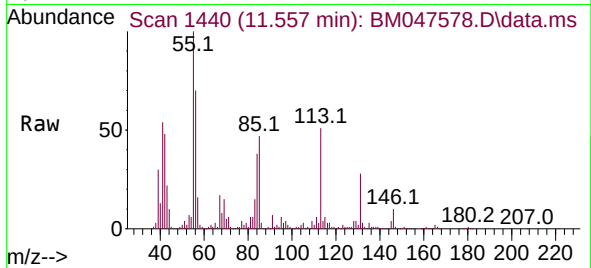




#35
Caprolactam
Concen: 25.707 ng
RT: 11.557 min Scan# 14
Delta R.T. -0.018 min
Lab File: BM047578.D
Acq: 19 Sep 2024 19:52

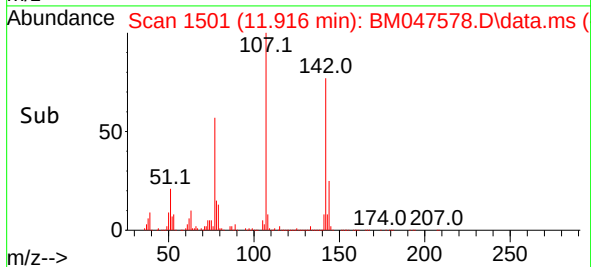
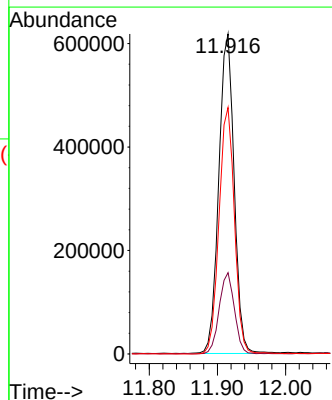
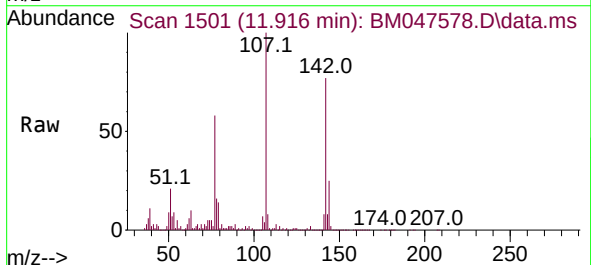
Instrument :
BNA_M
ClientSampleId :
WC-14-7.5-10BMS

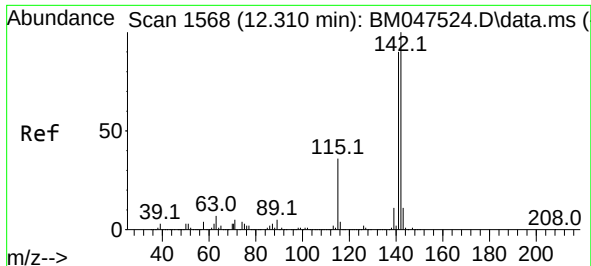
Tgt Ion:113 Resp: 152368
Ion Ratio Lower Upper
113 100
55 196.8 162.5 202.5
56 138.0 116.5 156.5



#36
4-Chloro-3-methylphenol
Concen: 46.904 ng
RT: 11.916 min Scan# 1501
Delta R.T. -0.006 min
Lab File: BM047578.D
Acq: 19 Sep 2024 19:52

Tgt Ion:107 Resp: 967280
Ion Ratio Lower Upper
107 100
144 25.4 20.5 30.7
142 77.0 65.0 97.4

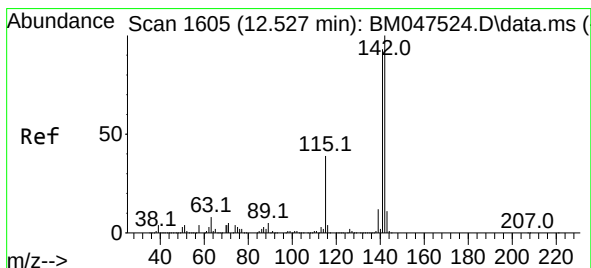
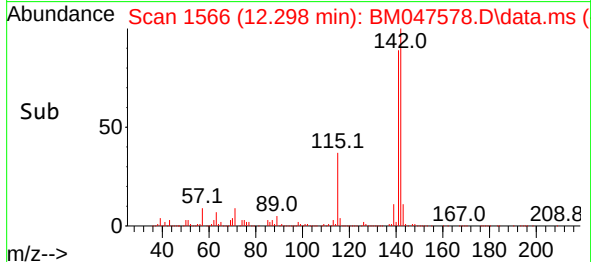
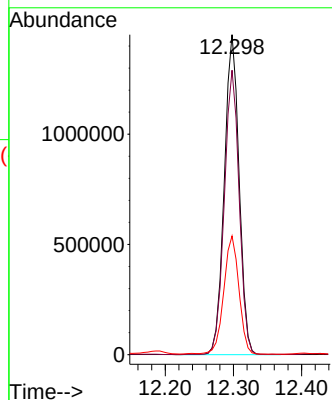
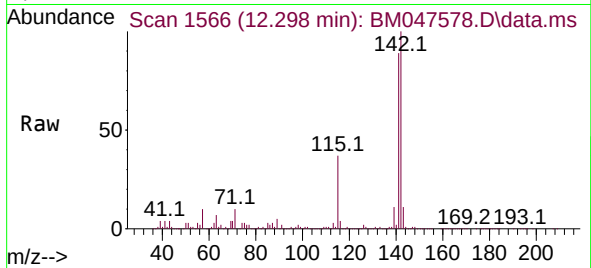




#37
2-Methylnaphthalene
Concen: 45.689 ng
RT: 12.298 min Scan# 1
Delta R.T. -0.012 min
Lab File: BM047578.D
Acq: 19 Sep 2024 19:52

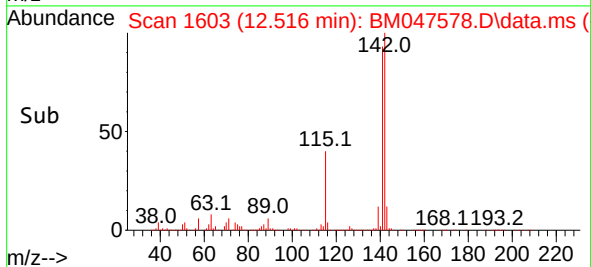
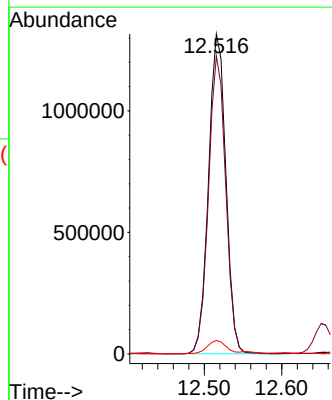
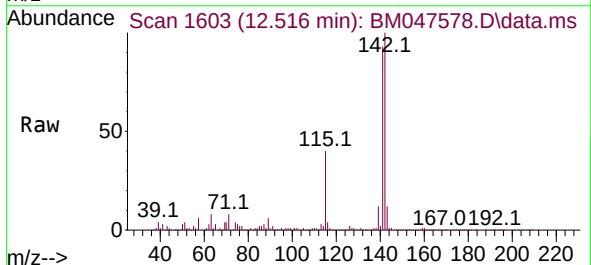
Instrument :
BNA_M
ClientSampleId :
WC-14-7.5-10BMS

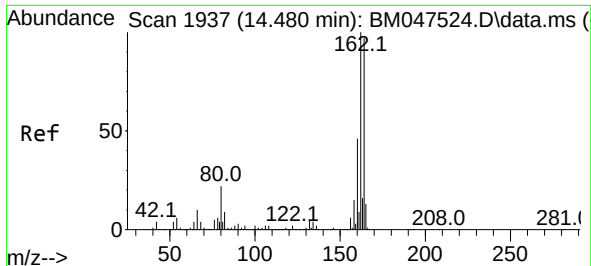
Tgt Ion:142 Resp: 2193174
Ion Ratio Lower Upper
142 100
141 88.9 72.2 108.4
115 37.1 29.1 43.7



#38
1-Methylnaphthalene
Concen: 42.799 ng
RT: 12.516 min Scan# 1603
Delta R.T. -0.012 min
Lab File: BM047578.D
Acq: 19 Sep 2024 19:52

Tgt Ion:142 Resp: 2041654
Ion Ratio Lower Upper
142 100
141 93.1 74.7 112.1
116 4.2 3.2 4.8

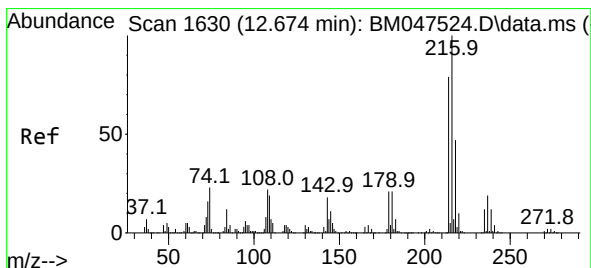
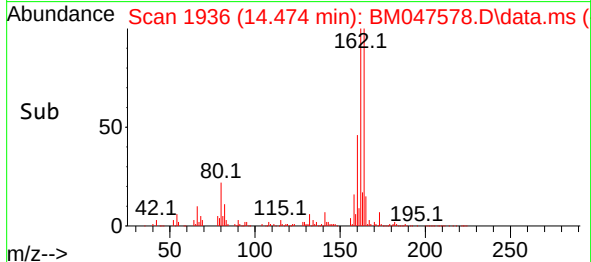
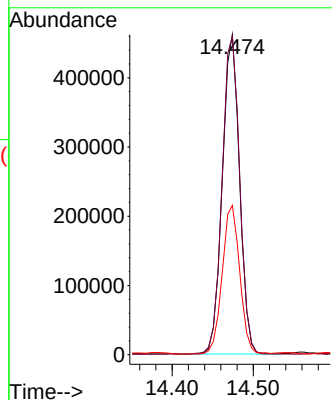
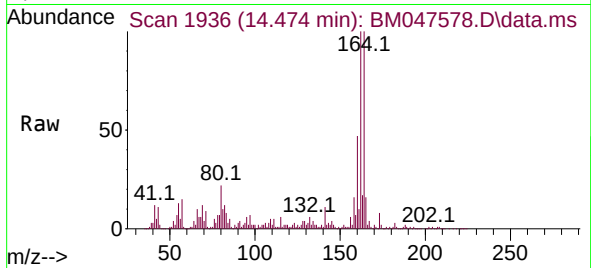




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.474 min Scan# 1936
Delta R.T. -0.006 min
Lab File: BM047578.D
Acq: 19 Sep 2024 19:52

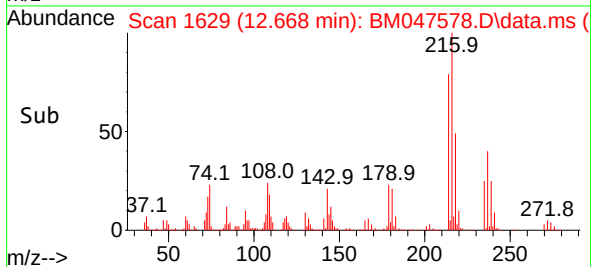
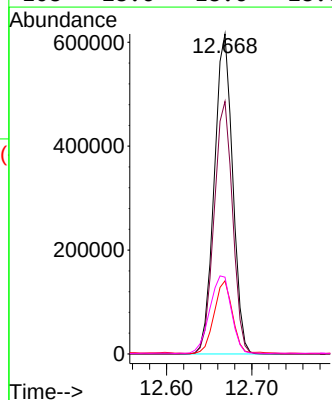
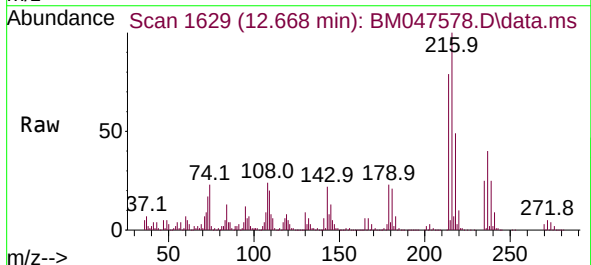
Instrument :
BNA_M
ClientSampleId :
WC-14-7.5-10BMS

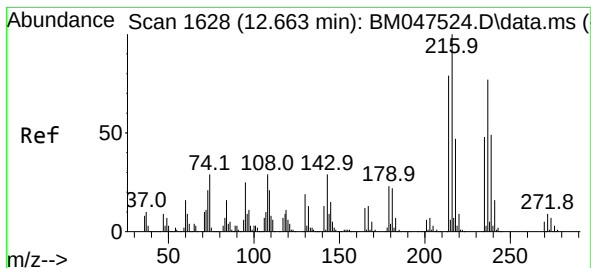
Tgt Ion:164 Resp: 679516
Ion Ratio Lower Upper
164 100
162 99.6 82.2 123.2
160 46.7 38.2 57.2



#40
1,2,4,5-Tetrachlorobenzene
Concen: 50.298 ng
RT: 12.668 min Scan# 1629
Delta R.T. -0.006 min
Lab File: BM047578.D
Acq: 19 Sep 2024 19:52

Tgt Ion:216 Resp: 924837
Ion Ratio Lower Upper
216 100
214 79.4 63.0 94.6
179 22.8 17.5 26.3
108 28.6 18.6 28.0#





#41

Hexachlorocyclopentadiene

Concen: 184.766 ng

RT: 12.657 min Scan# 1

Delta R.T. -0.006 min

Lab File: BM047578.D

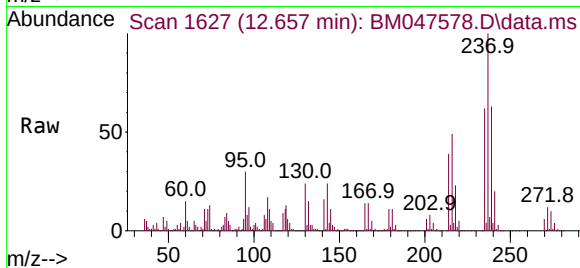
Acq: 19 Sep 2024 19:52

Instrument :

BNA_M

ClientSampleId :

WC-14-7.5-10BMS



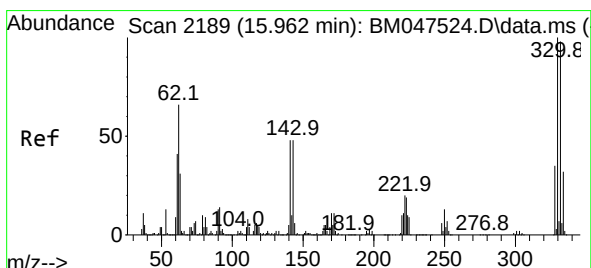
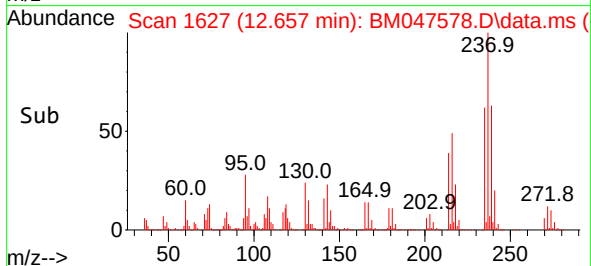
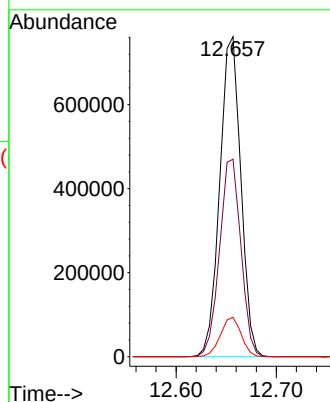
Tgt Ion:237 Resp: 1110627

Ion Ratio Lower Upper

237 100

235 61.7 42.0 82.0

272 12.3 0.0 31.5



#42

2,4,6-Tribromophenol

Concen: 111.999 ng

RT: 15.957 min Scan# 2188

Delta R.T. -0.006 min

Lab File: BM047578.D

Acq: 19 Sep 2024 19:52

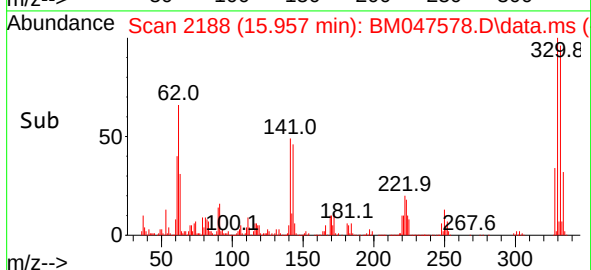
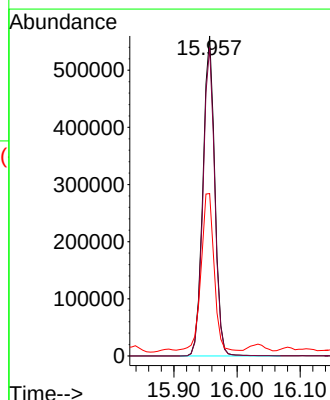
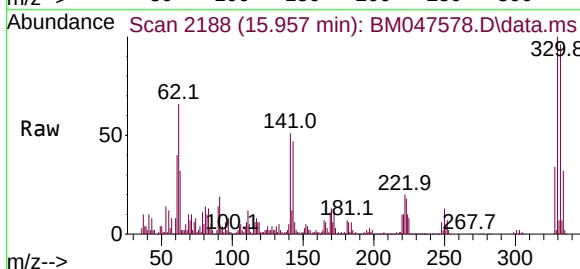
Tgt Ion:330 Resp: 735622

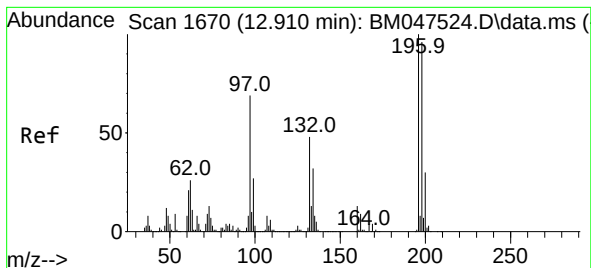
Ion Ratio Lower Upper

330 100

332 95.6 76.9 115.3

141 52.9 42.2 63.2





#43

2,4,6-Trichlorophenol

Concen: 52.276 ng

RT: 12.904 min Scan# 1

Delta R.T. -0.006 min

Lab File: BM047578.D

Acq: 19 Sep 2024 19:52

Instrument :

BNA_M

ClientSampleId :

WC-14-7.5-10BMS

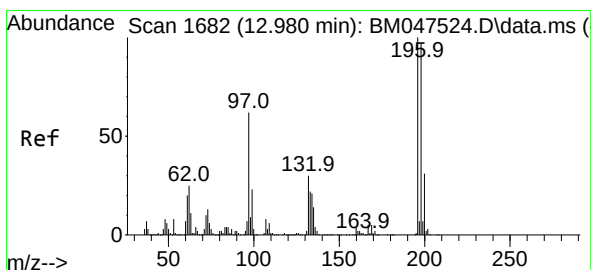
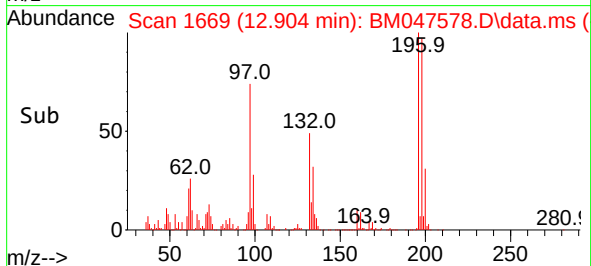
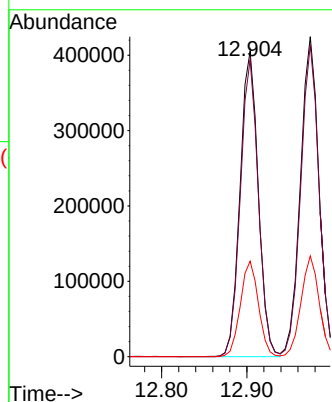
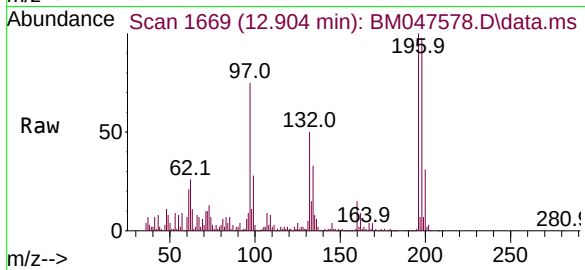
Tgt Ion:196 Resp: 602190

Ion Ratio Lower Upper

196 100

198 97.2 76.9 115.3

200 31.3 24.3 36.5



#44

2,4,5-Trichlorophenol

Concen: 49.397 ng

RT: 12.974 min Scan# 1681

Delta R.T. -0.006 min

Lab File: BM047578.D

Acq: 19 Sep 2024 19:52

Tgt Ion:196 Resp: 642717

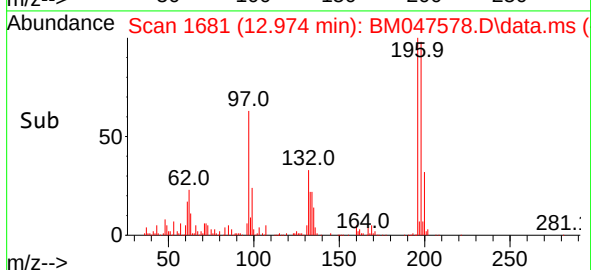
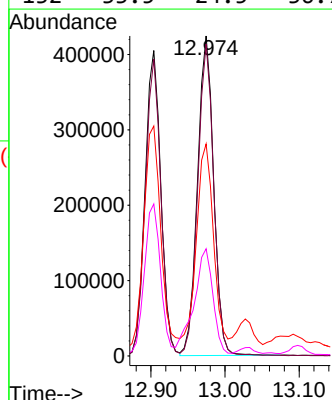
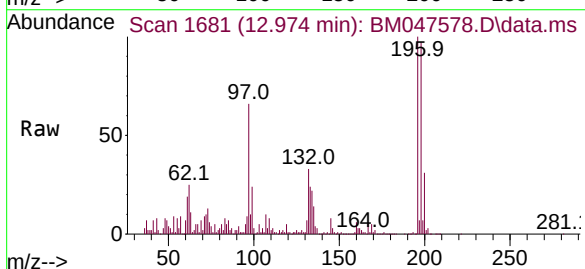
Ion Ratio Lower Upper

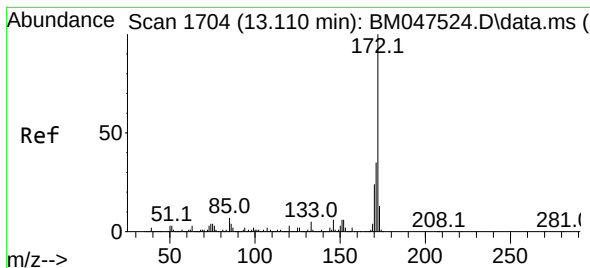
196 100

198 97.5 77.4 116.2

97 66.2 49.8 74.8

132 33.5 24.5 36.7





#45

2-Fluorobiphenyl

Concen: 70.062 ng

RT: 13.098 min Scan# 1

Delta R.T. -0.012 min

Lab File: BM047578.D

Acq: 19 Sep 2024 19:52

Instrument :

BNA_M

ClientSampleId :

WC-14-7.5-10BMS

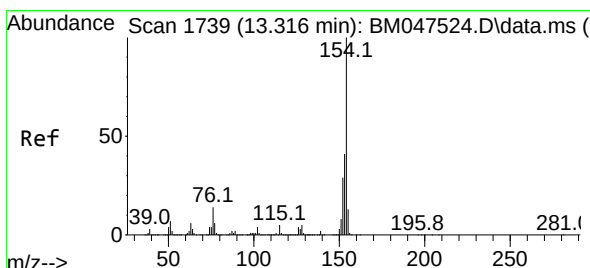
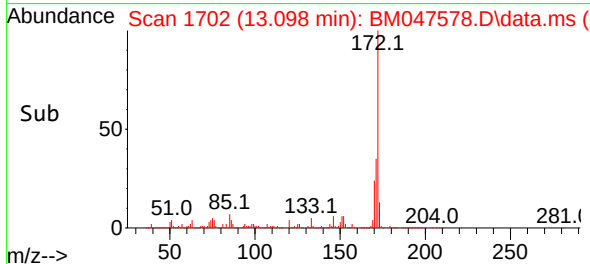
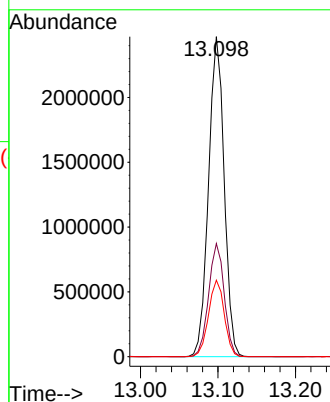
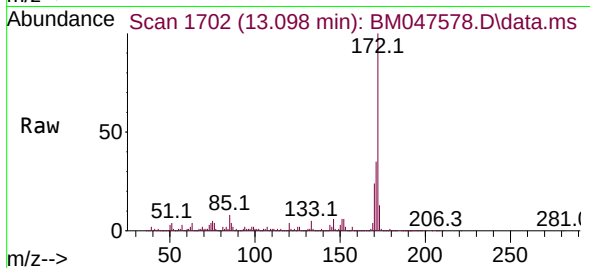
Tgt Ion:172 Resp: 3456100

Ion Ratio Lower Upper

172 100

171 35.4 28.2 42.2

170 23.9 19.4 29.0



#46

1,1'-Biphenyl

Concen: 48.964 ng

RT: 13.310 min Scan# 1738

Delta R.T. -0.006 min

Lab File: BM047578.D

Acq: 19 Sep 2024 19:52

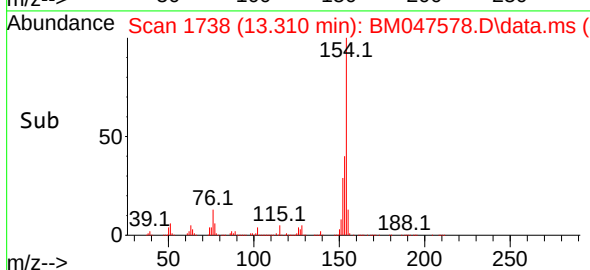
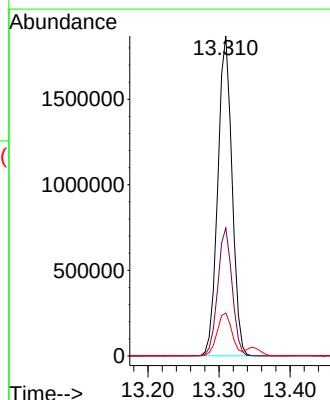
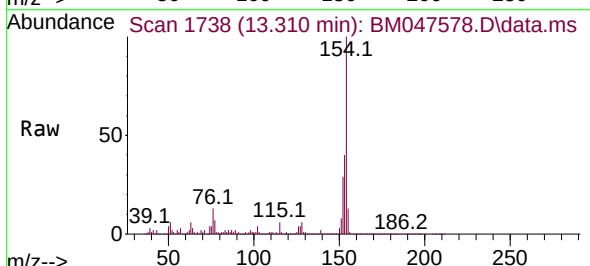
Tgt Ion:154 Resp: 2588704

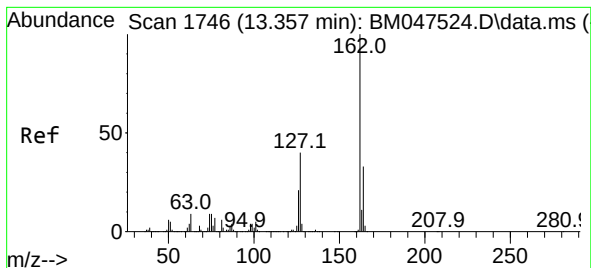
Ion Ratio Lower Upper

154 100

153 40.0 20.6 60.6

76 13.4 0.0 33.9





#47

2-Chloronaphthalene

Concen: 47.139 ng

RT: 13.351 min Scan# 1

Delta R.T. -0.006 min

Lab File: BM047578.D

Acq: 19 Sep 2024 19:52

Instrument :

BNA_M

ClientSampleId :

WC-14-7.5-10BMS

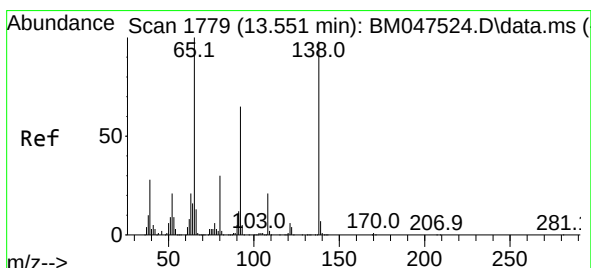
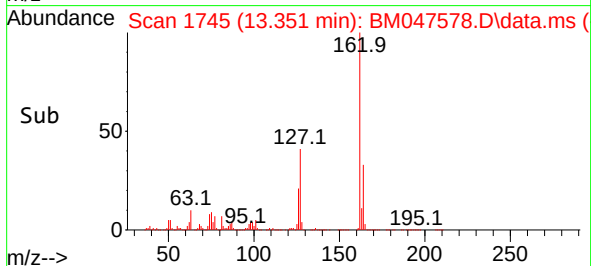
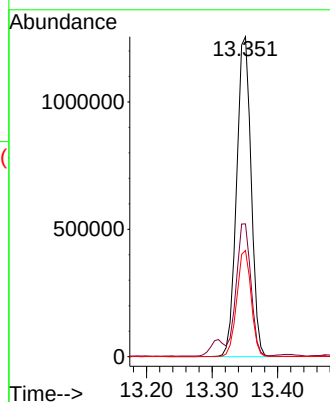
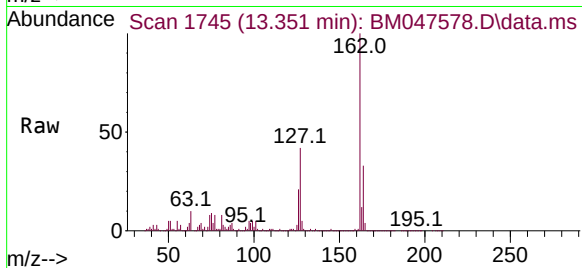
Tgt Ion:162 Resp: 1935171

Ion Ratio Lower Upper

162 100

127 41.5 32.2 48.4

164 33.2 26.3 39.5



#48

2-Nitroaniline

Concen: 50.989 ng

RT: 13.545 min Scan# 1778

Delta R.T. -0.006 min

Lab File: BM047578.D

Acq: 19 Sep 2024 19:52

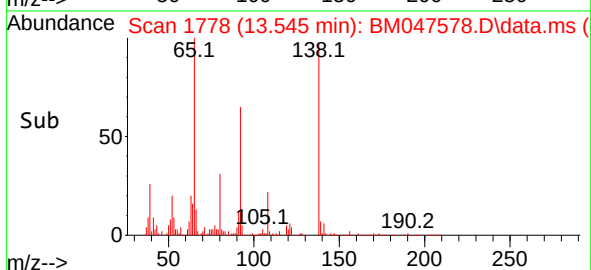
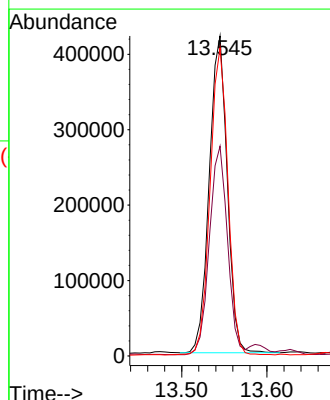
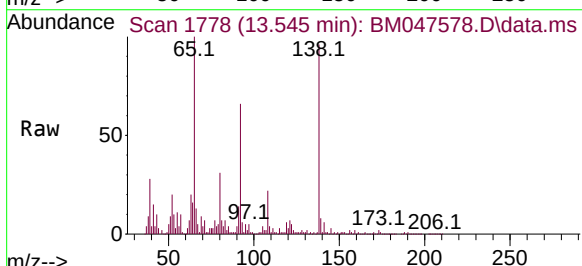
Tgt Ion: 65 Resp: 614823

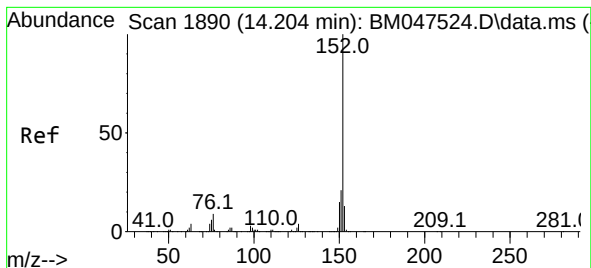
Ion Ratio Lower Upper

65 100

92 65.6 51.9 77.9

138 96.2 78.5 117.7





#49

Acenaphthylene

Concen: 52.188 ng

RT: 14.198 min Scan# 1889

Delta R.T. -0.006 min

Lab File: BM047578.D

Acq: 19 Sep 2024 19:52

Instrument :

BNA_M

ClientSampleId :

WC-14-7.5-10BMS

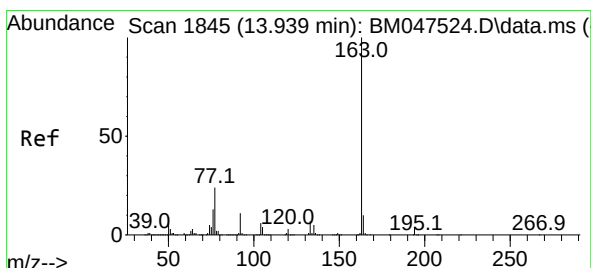
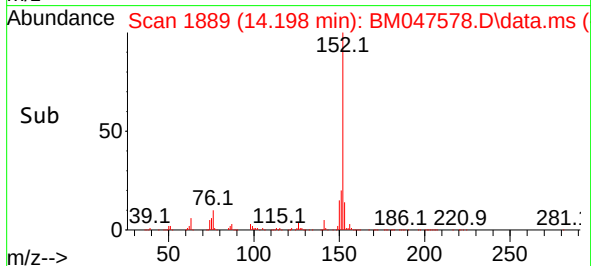
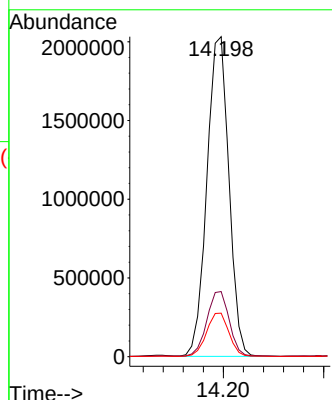
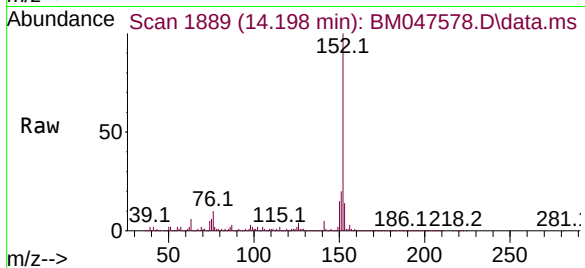
Tgt Ion:152 Resp: 3091663

Ion Ratio Lower Upper

152 100

151 20.3 16.5 24.7

153 13.6 10.4 15.6



#50

Dimethylphthalate

Concen: 47.308 ng

RT: 13.933 min Scan# 1844

Delta R.T. -0.006 min

Lab File: BM047578.D

Acq: 19 Sep 2024 19:52

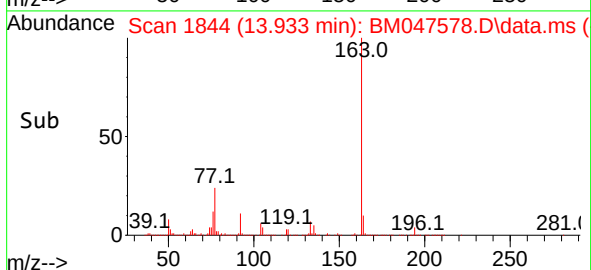
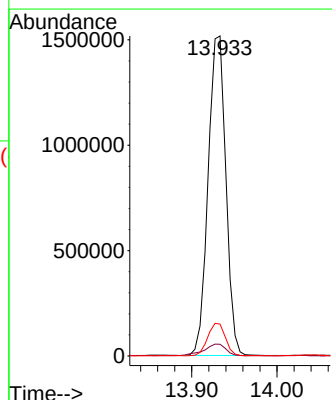
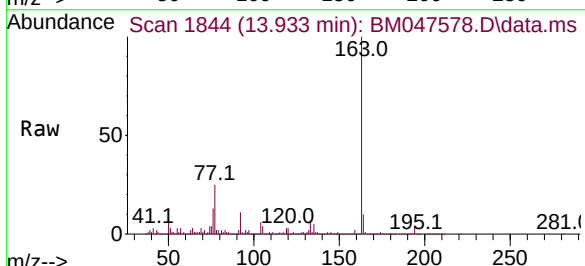
Tgt Ion:163 Resp: 2191077

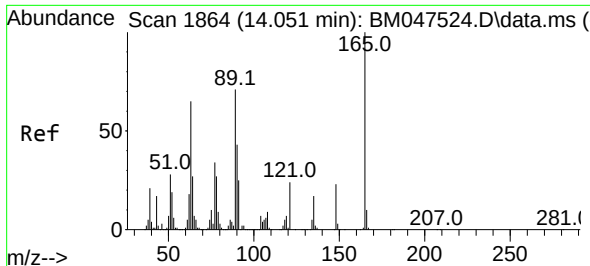
Ion Ratio Lower Upper

163 100

194 3.7 2.9 4.3

164 9.9 7.9 11.9

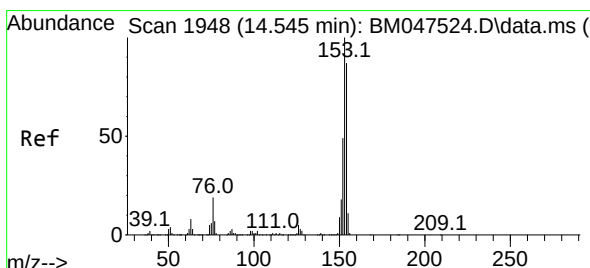
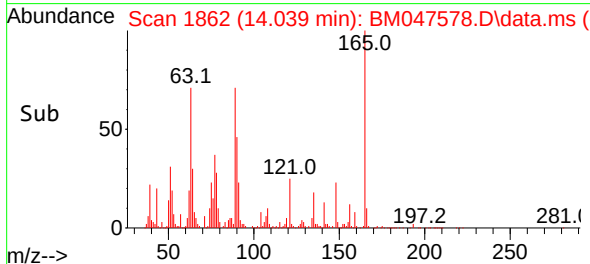
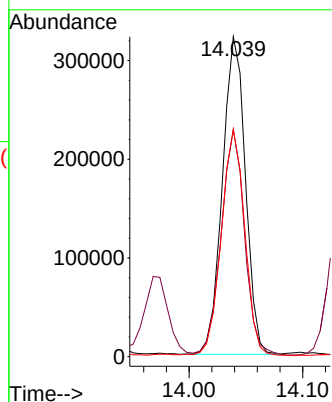
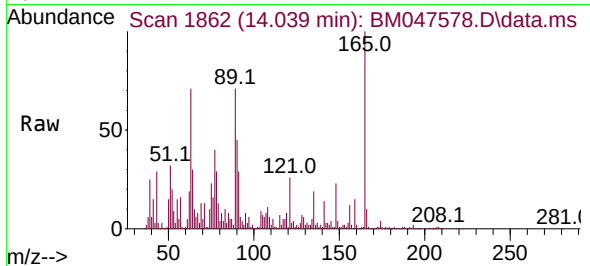




#51
2,6-Dinitrotoluene
Concen: 46.177 ng
RT: 14.039 min Scan# 1862
Delta R.T. -0.012 min
Lab File: BM047578.D
Acq: 19 Sep 2024 19:52

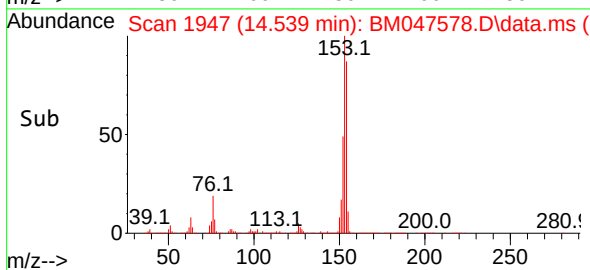
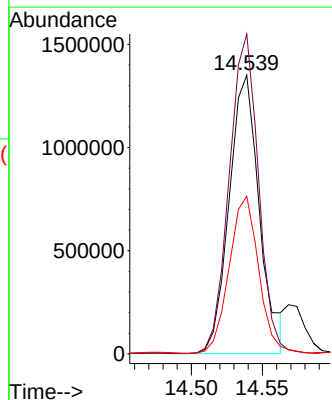
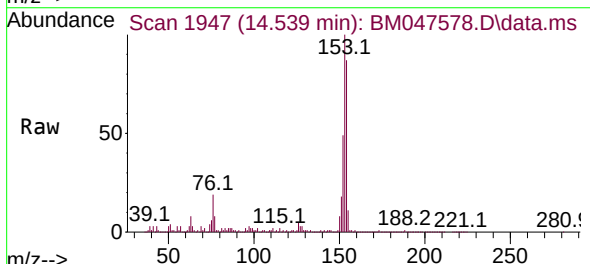
Instrument :
BNA_M
ClientSampleId :
WC-14-7.5-10BMS

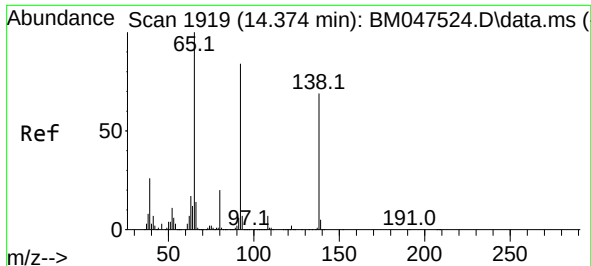
Tgt Ion:165 Resp: 451484
Ion Ratio Lower Upper
165 100
63 71.0 54.2 81.2
89 71.0 56.4 84.6



#52
Acenaphthene
Concen: 48.224 ng
RT: 14.539 min Scan# 1947
Delta R.T. -0.006 min
Lab File: BM047578.D
Acq: 19 Sep 2024 19:52

Tgt Ion:154 Resp: 2001719
Ion Ratio Lower Upper
154 100
153 114.8 92.2 138.2
152 56.6 45.4 68.0

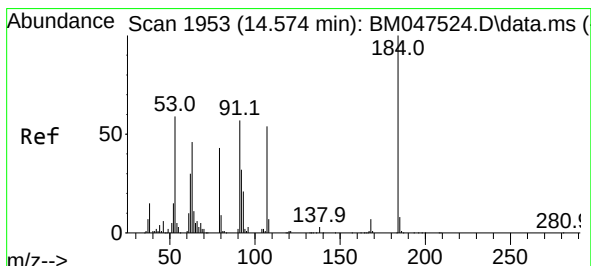
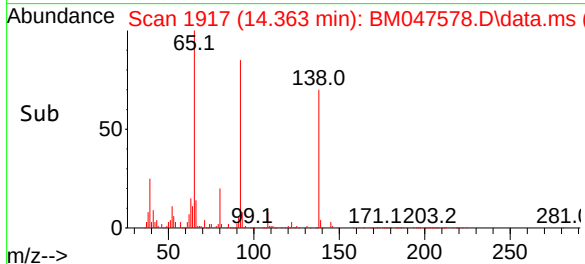
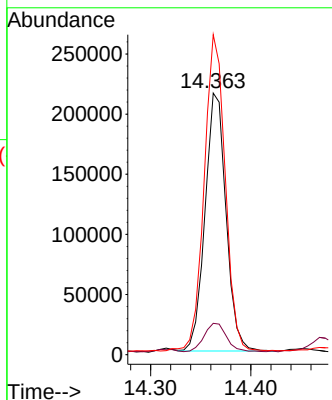
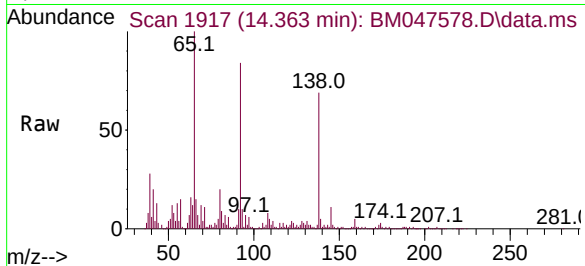




#53
3-Nitroaniline
Concen: 28.786 ng
RT: 14.363 min Scan# 1917
Delta R.T. -0.012 min
Lab File: BM047578.D
Acq: 19 Sep 2024 19:52

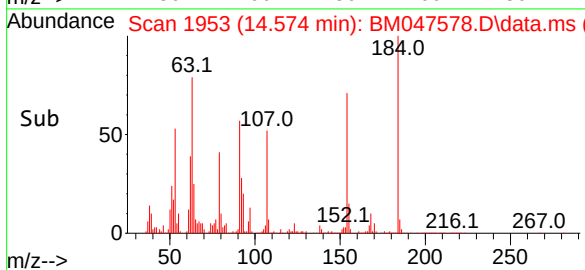
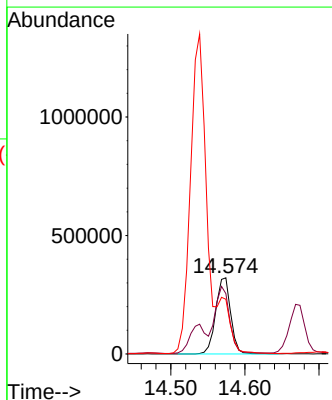
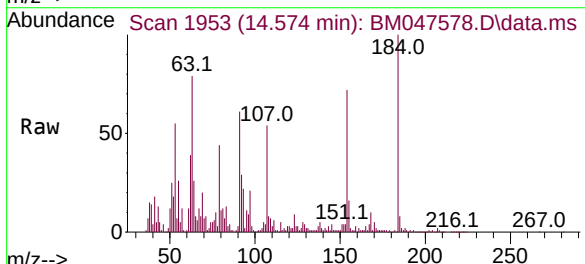
Instrument :
BNA_M
ClientSampleId :
WC-14-7.5-10BMS

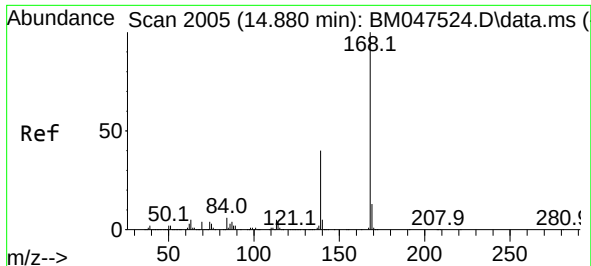
Tgt Ion:138 Resp: 312830
Ion Ratio Lower Upper
138 100
108 12.0 8.0 12.0#
92 122.3 97.4 146.0



#54
2,4-Dinitrophenol
Concen: 81.389 ng
RT: 14.574 min Scan# 1953
Delta R.T. 0.000 min
Lab File: BM047578.D
Acq: 19 Sep 2024 19:52

Tgt Ion:184 Resp: 451248
Ion Ratio Lower Upper
184 100
63 79.1 69.4 104.0
154 71.7 60.4 90.6

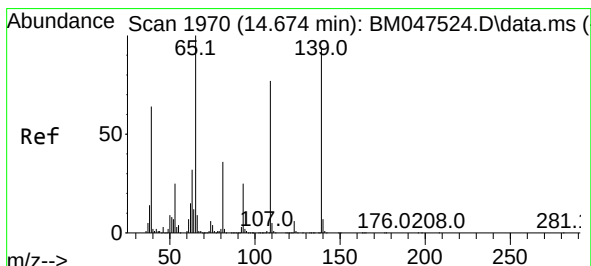
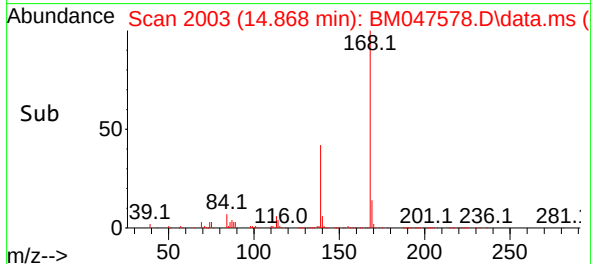
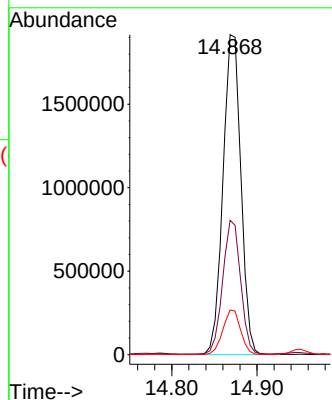
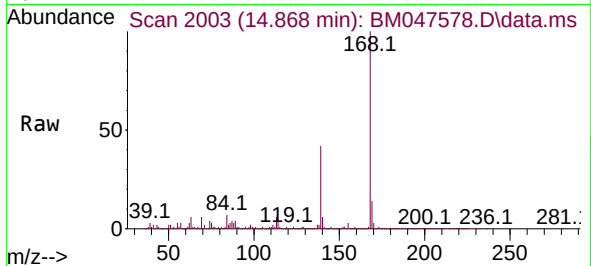




#55
Dibenzenofuran
Concen: 47.878 ng
RT: 14.868 min Scan# 2005
Delta R.T. -0.012 min
Lab File: BM047578.D
Acq: 19 Sep 2024 19:52

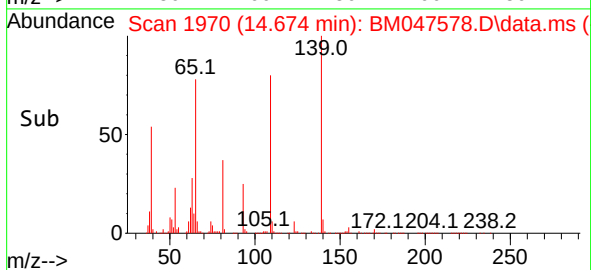
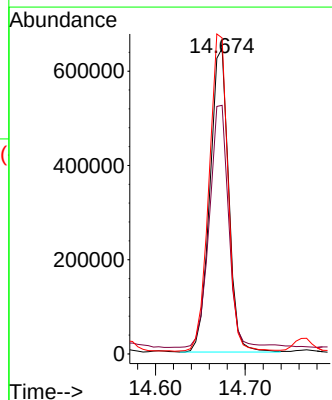
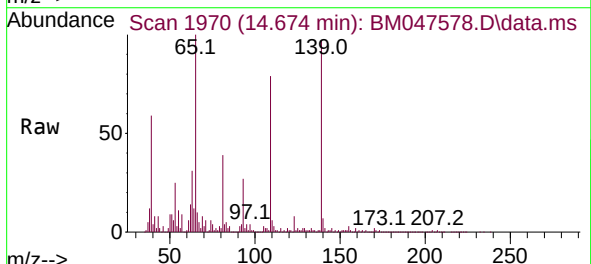
Instrument :
BNA_M
ClientSampleId :
WC-14-7.5-10BMS

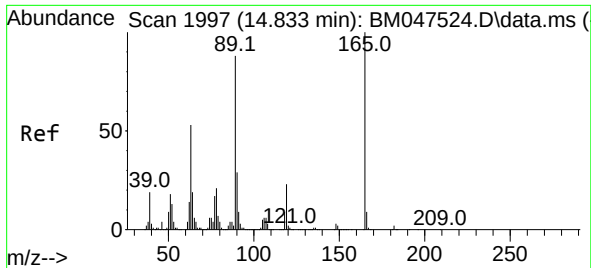
Tgt Ion:168 Resp: 2792709
Ion Ratio Lower Upper
168 100
139 42.0 31.9 47.9
169 13.9 10.5 15.7



#56
4-Nitrophenol
Concen: 105.060 ng
RT: 14.674 min Scan# 1970
Delta R.T. -0.000 min
Lab File: BM047578.D
Acq: 19 Sep 2024 19:52

Tgt Ion:139 Resp: 939508
Ion Ratio Lower Upper
139 100
109 81.3 62.0 102.0
65 103.4 87.0 127.0

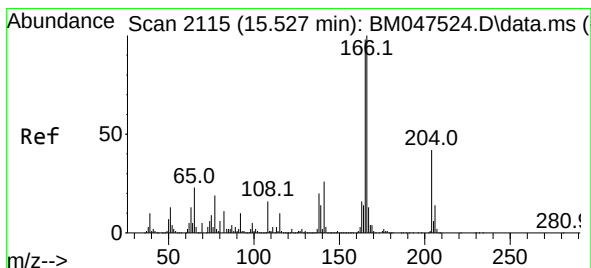
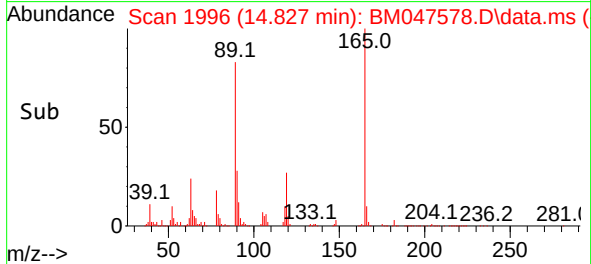
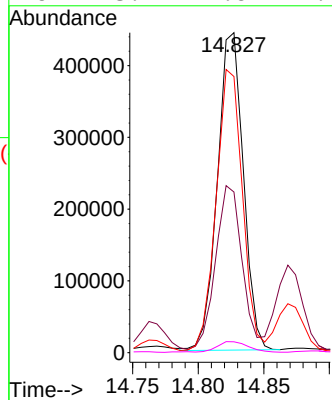
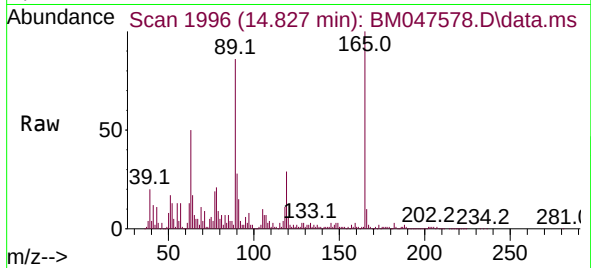




#57
2,4-Dinitrotoluene
Concen: 46.674 ng
RT: 14.827 min Scan# 1996
Delta R.T. -0.006 min
Lab File: BM047578.D
Acq: 19 Sep 2024 19:52

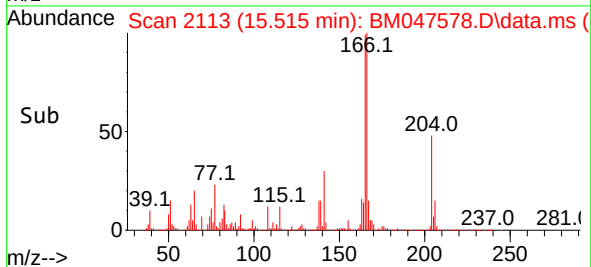
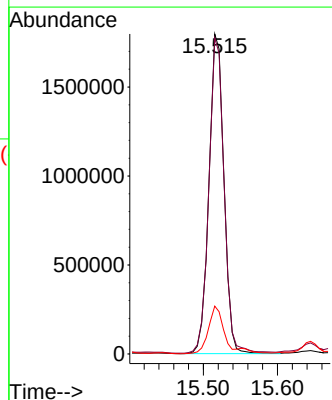
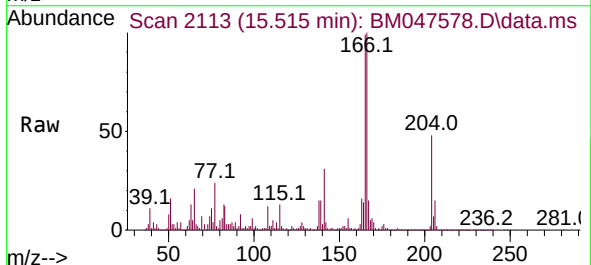
Instrument :
BNA_M
ClientSampleId :
WC-14-7.5-10BMS

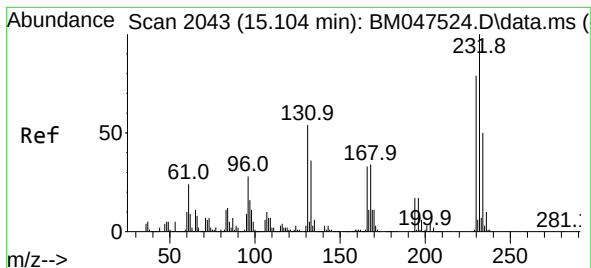
Tgt Ion:165 Resp: 608618
Ion Ratio Lower Upper
165 100
63 50.2 42.4 63.6
89 86.3 70.5 105.7
182 3.4 1.8 2.6#



#58
Fluorene
Concen: 47.888 ng
RT: 15.515 min Scan# 2113
Delta R.T. -0.012 min
Lab File: BM047578.D
Acq: 19 Sep 2024 19:52

Tgt Ion:166 Resp: 2514847
Ion Ratio Lower Upper
166 100
165 98.7 78.6 117.8
167 15.0 10.7 16.1

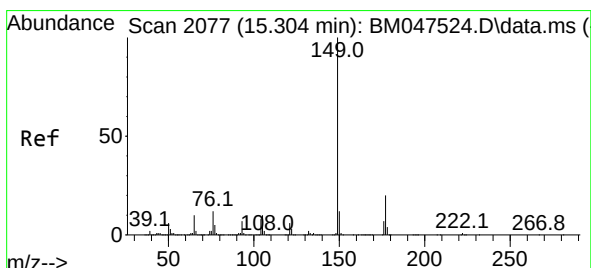
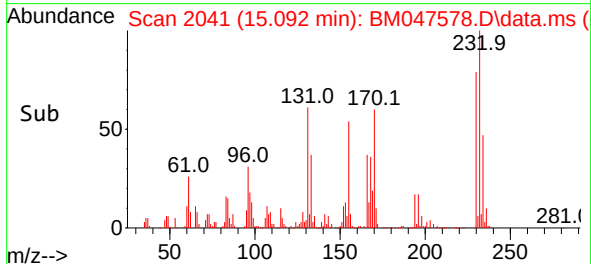
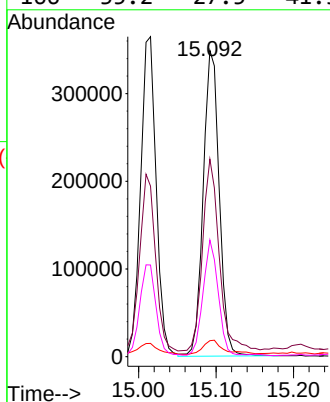
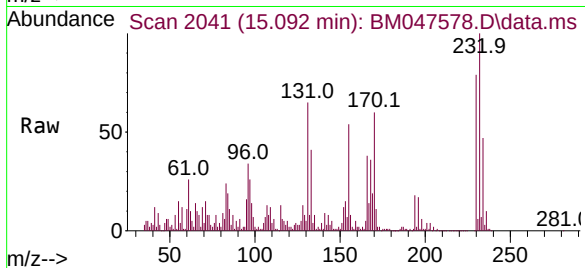




#59
2,3,4,6-Tetrachlorophenol
Concen: 49.470 ng
RT: 15.092 min Scan# 2041
Delta R.T. -0.012 min
Lab File: BM047578.D
Acq: 19 Sep 2024 19:52

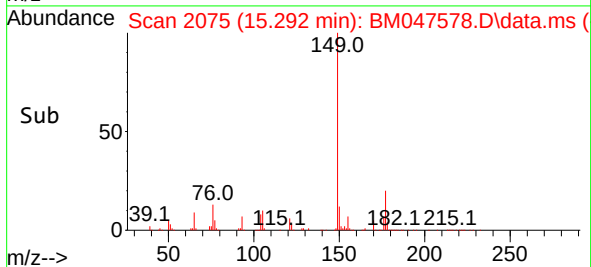
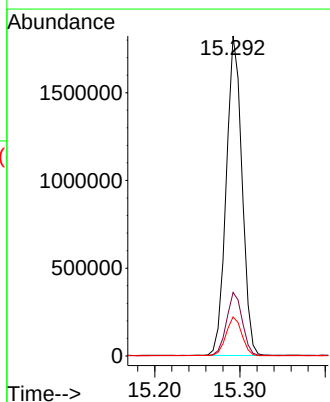
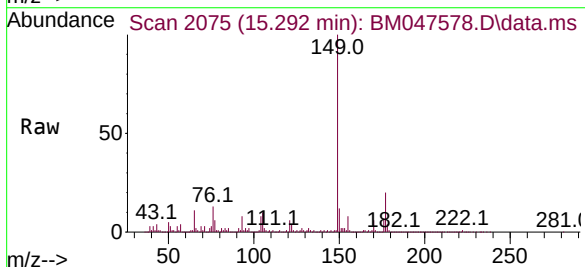
Instrument :
BNA_M
ClientSampleId :
WC-14-7.5-10BMS

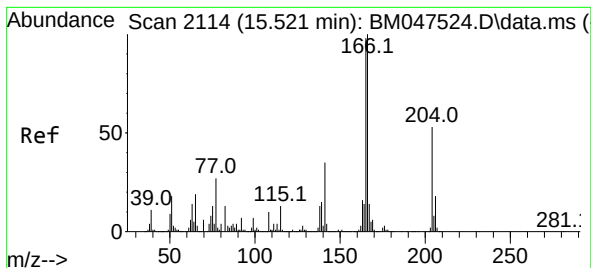
Tgt Ion:232 Resp: 501843
Ion Ratio Lower Upper
232 100
131 64.9 47.0 70.4
130 5.4 2.6 3.8#
166 35.2 27.5 41.3



#60
Diethylphthalate
Concen: 47.398 ng
RT: 15.292 min Scan# 2075
Delta R.T. -0.012 min
Lab File: BM047578.D
Acq: 19 Sep 2024 19:52

Tgt Ion:149 Resp: 2336292
Ion Ratio Lower Upper
149 100
177 19.9 15.8 23.8
150 12.2 9.7 14.5

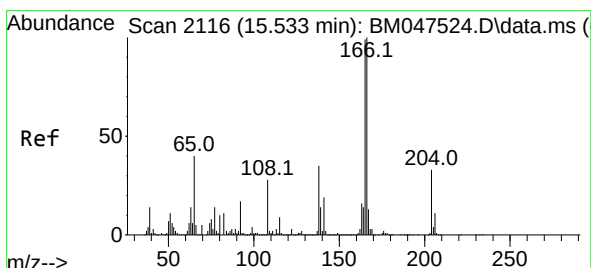
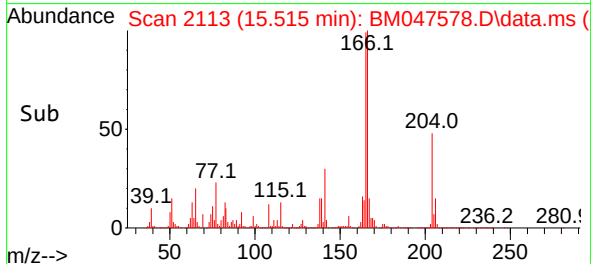
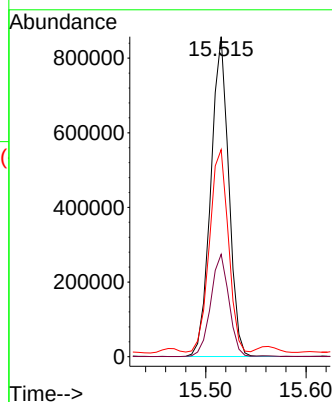
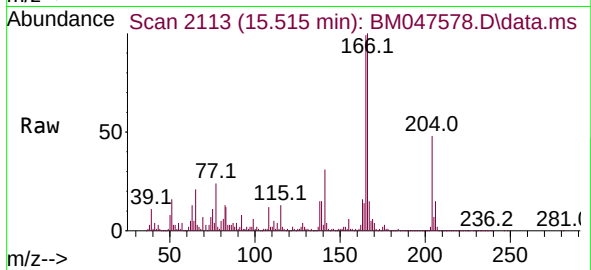




#61
4-Chlorophenyl-phenylether
Concen: 44.454 ng
RT: 15.515 min Scan# 2113
Delta R.T. -0.006 min
Lab File: BM047578.D
Acq: 19 Sep 2024 19:52

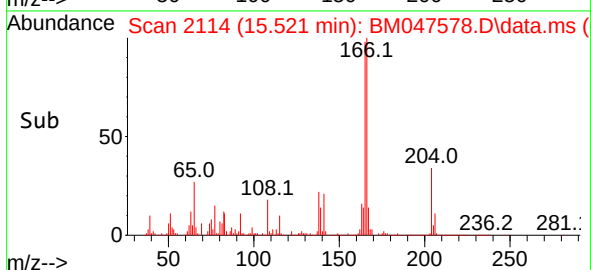
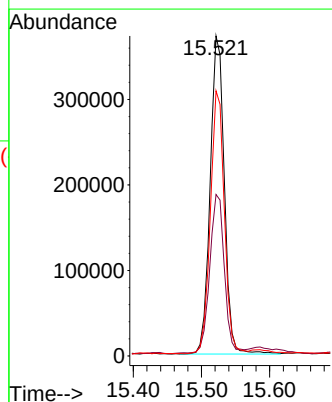
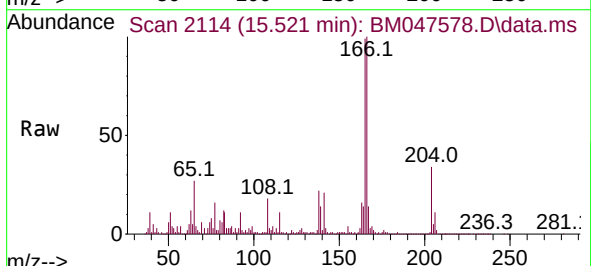
Instrument :
BNA_M
ClientSampleId :
WC-14-7.5-10BMS

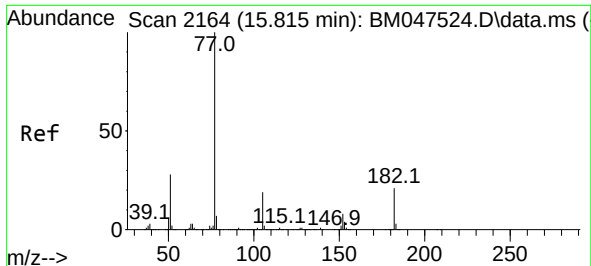
Tgt Ion:204 Resp: 1067414
Ion Ratio Lower Upper
204 100
206 32.0 26.5 39.7
141 64.7 52.1 78.1



#62
4-Nitroaniline
Concen: 42.174 ng
RT: 15.521 min Scan# 2114
Delta R.T. -0.012 min
Lab File: BM047578.D
Acq: 19 Sep 2024 19:52

Tgt Ion:138 Resp: 538745
Ion Ratio Lower Upper
138 100
92 50.5 30.0 70.0
108 82.8 61.7 101.7

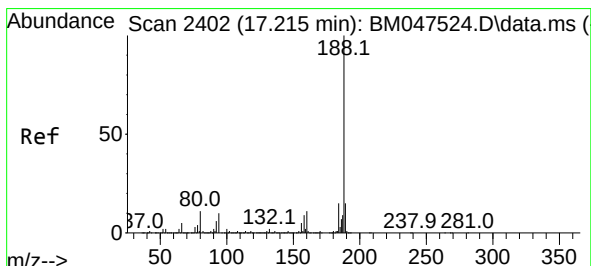
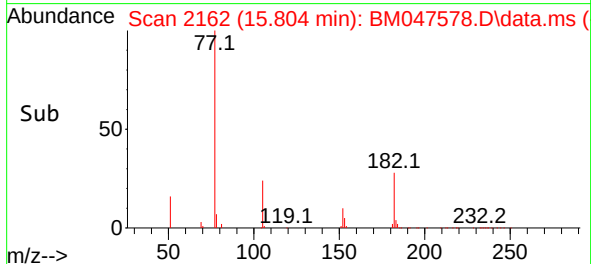
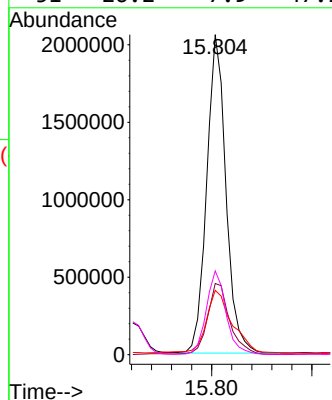
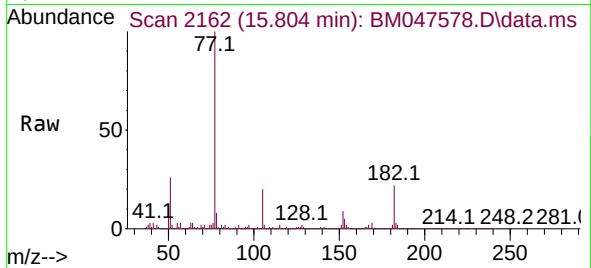




#63
Azobenzene
Concen: 50.615 ng
RT: 15.804 min Scan# 2164
Delta R.T. -0.012 min
Lab File: BM047578.D
Acq: 19 Sep 2024 19:52

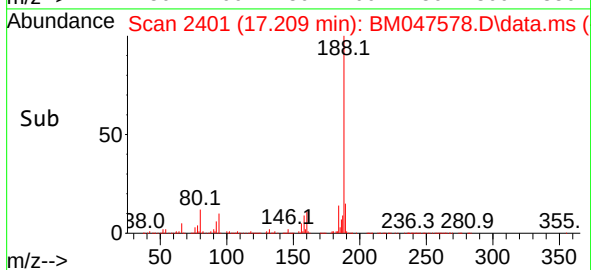
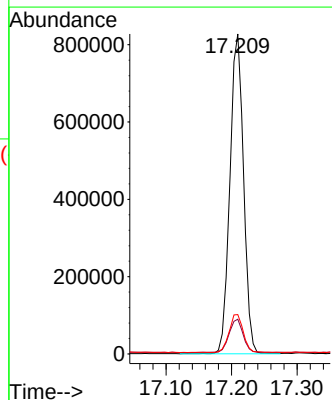
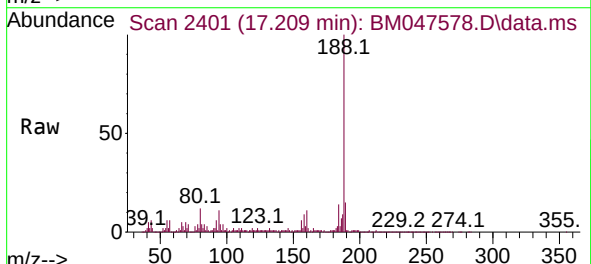
Instrument :
BNA_M
ClientSampleId :
WC-14-7.5-10BMS

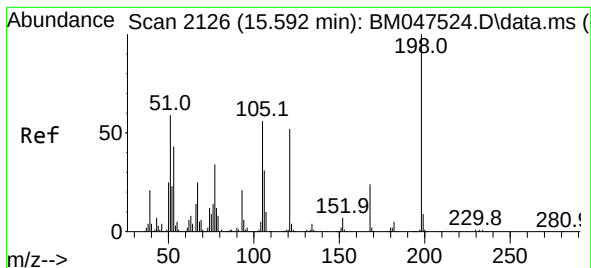
Tgt Ion: 77 Resp: 2747126
Ion Ratio Lower Upper
77 100
182 22.2 1.2 41.2
105 20.1 0.0 39.4
51 26.2 7.9 47.9



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.209 min Scan# 2401
Delta R.T. -0.006 min
Lab File: BM047578.D
Acq: 19 Sep 2024 19:52

Tgt Ion:188 Resp: 1193242
Ion Ratio Lower Upper
188 100
94 10.8 8.4 12.6
80 12.3 9.1 13.7

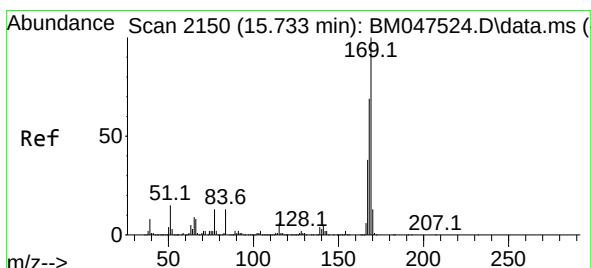
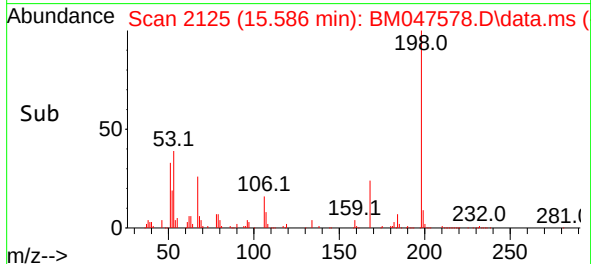
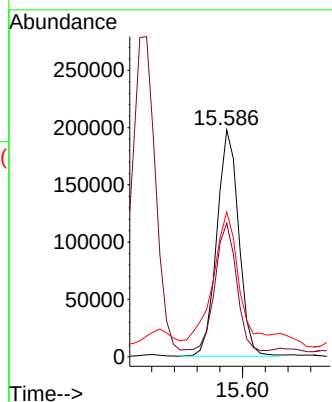
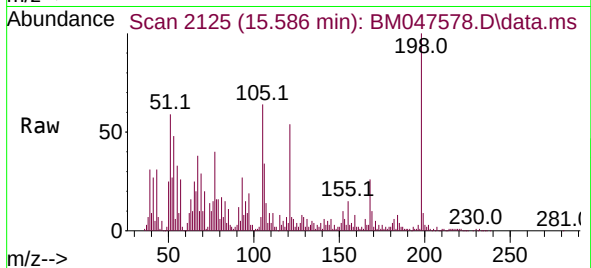




#65
4,6-Dinitro-2-methylphenol
Concen: 44.134 ng
RT: 15.586 min Scan# 2125
Delta R.T. -0.006 min
Lab File: BM047578.D
Acq: 19 Sep 2024 19:52

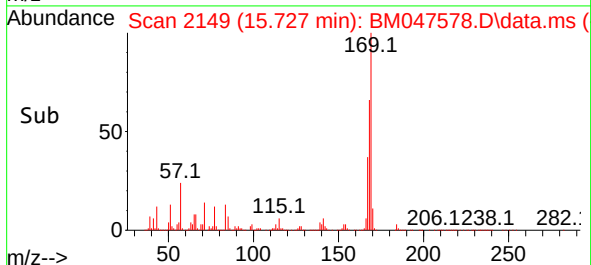
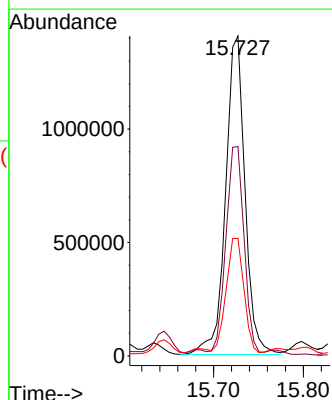
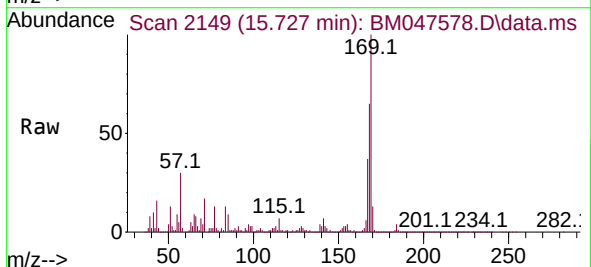
Instrument :
BNA_M
ClientSampleId :
WC-14-7.5-10BMS

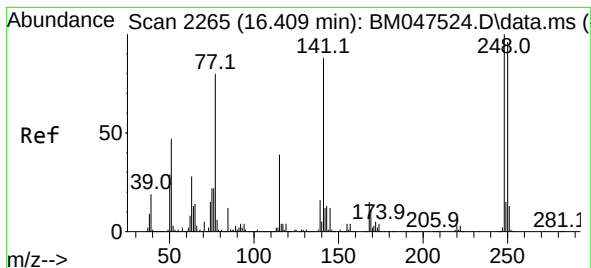
Tgt Ion:198 Resp: 264106
Ion Ratio Lower Upper
198 100
51 58.9 41.5 81.5
105 63.8 36.4 76.4



#66
n-Nitrosodiphenylamine
Concen: 57.852 ng
RT: 15.727 min Scan# 2149
Delta R.T. -0.006 min
Lab File: BM047578.D
Acq: 19 Sep 2024 19:52

Tgt Ion:169 Resp: 2111817
Ion Ratio Lower Upper
169 100
168 65.5 55.3 82.9
167 36.7 30.5 45.7

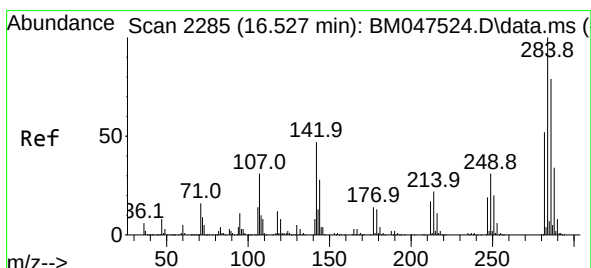
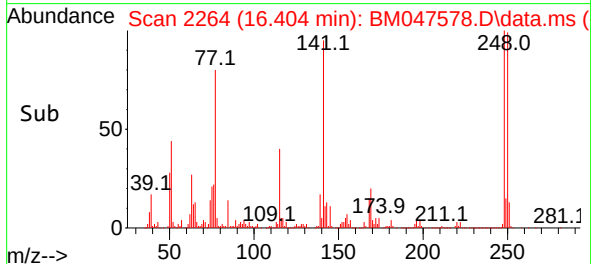
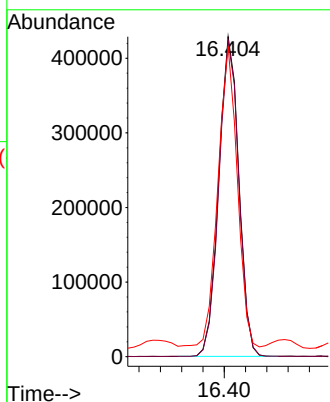
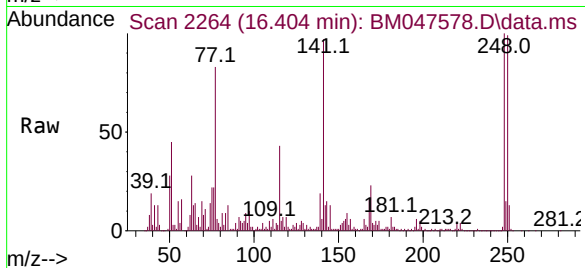




#67
4-Bromophenyl-phenylether
Concen: 48.389 ng
RT: 16.404 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM047578.D
Acq: 19 Sep 2024 19:52

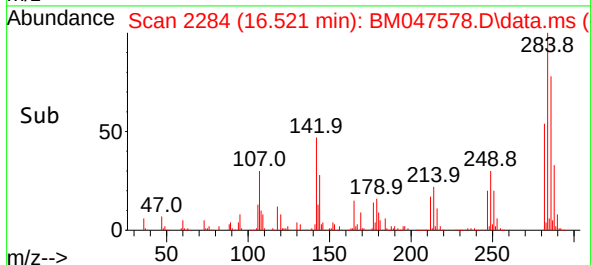
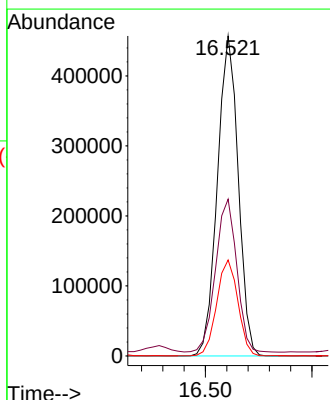
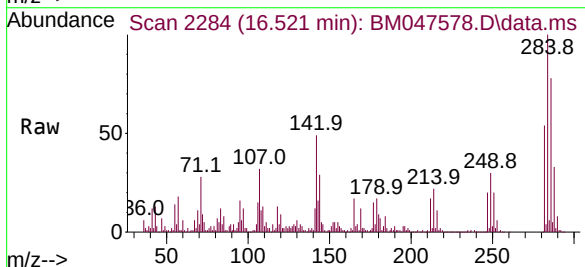
Instrument :
BNA_M
ClientSampleId :
WC-14-7.5-10BMS

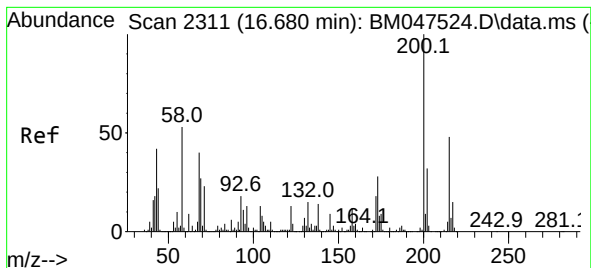
Tgt Ion:248 Resp: 561037
Ion Ratio Lower Upper
248 100
250 98.8 76.9 115.3
141 96.9 70.8 106.2



#68
Hexachlorobenzene
Concen: 47.179 ng
RT: 16.521 min Scan# 2284
Delta R.T. -0.006 min
Lab File: BM047578.D
Acq: 19 Sep 2024 19:52

Tgt Ion:284 Resp: 619680
Ion Ratio Lower Upper
284 100
142 49.0 37.3 55.9
249 30.0 24.5 36.7





#69

Atrazine

Concen: 55.843 ng

RT: 16.668 min Scan# 21

Delta R.T. -0.012 min

Lab File: BM047578.D

Acq: 19 Sep 2024 19:52

Instrument :

BNA_M

ClientSampleId :

WC-14-7.5-10BMS

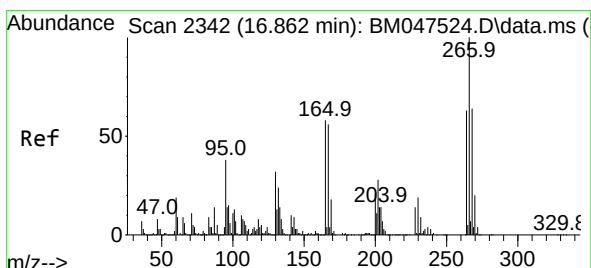
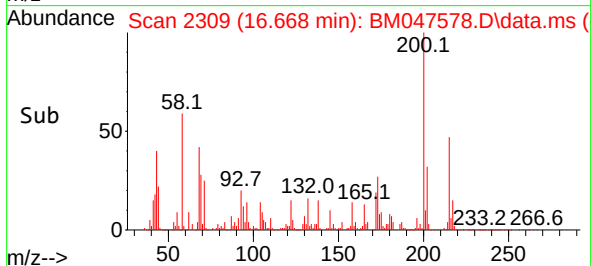
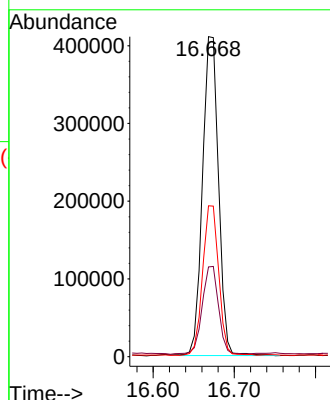
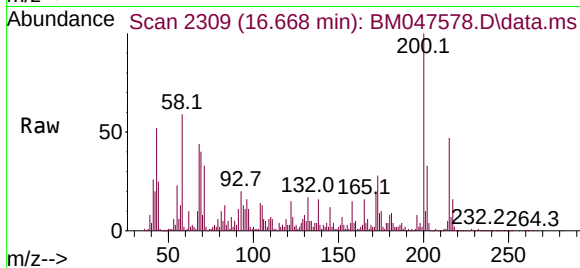
Tgt Ion:200 Resp: 563415

Ion Ratio Lower Upper

200 100

173 28.1 7.7 47.7

215 47.1 27.9 67.9



#70

Pentachlorophenol

Concen: 110.147 ng

RT: 16.862 min Scan# 2342

Delta R.T. -0.000 min

Lab File: BM047578.D

Acq: 19 Sep 2024 19:52

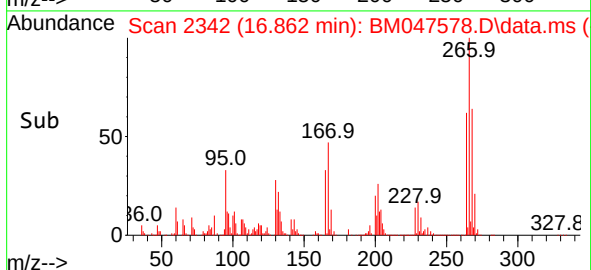
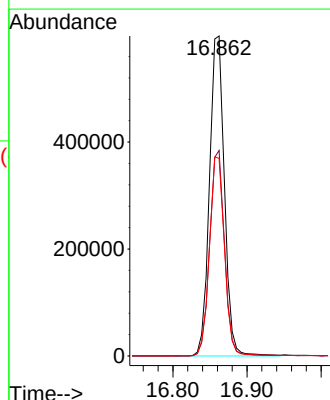
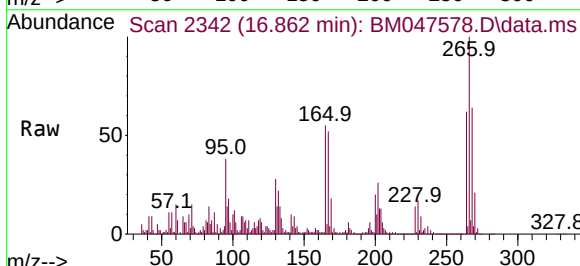
Tgt Ion:266 Resp: 838656

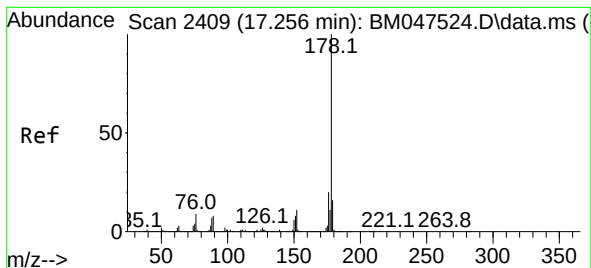
Ion Ratio Lower Upper

266 100

268 64.2 51.0 76.4

264 61.8 50.4 75.6





#71

Phenanthrene

Concen: 50.033 ng

RT: 17.251 min Scan# 2409

Delta R.T. -0.006 min

Lab File: BM047578.D

Acq: 19 Sep 2024 19:52

Instrument :

BNA_M

ClientSampleId :

WC-14-7.5-10BMS

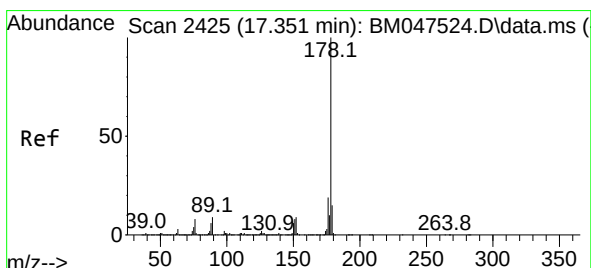
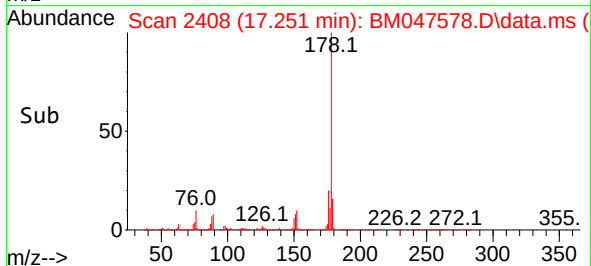
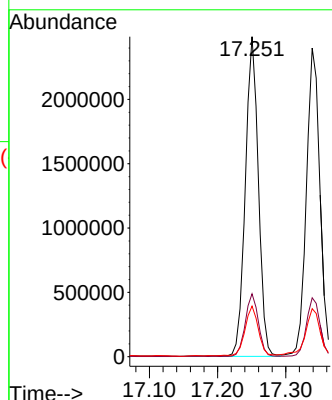
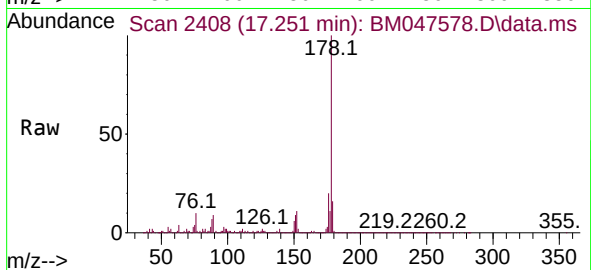
Tgt Ion:178 Resp: 3290151

Ion Ratio Lower Upper

178 100

176 19.7 16.0 24.0

179 15.8 12.4 18.6



#72

Anthracene

Concen: 51.560 ng

RT: 17.339 min Scan# 2423

Delta R.T. -0.012 min

Lab File: BM047578.D

Acq: 19 Sep 2024 19:52

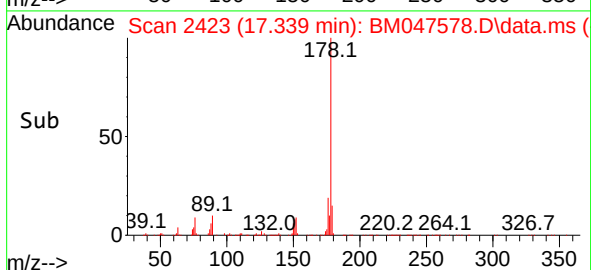
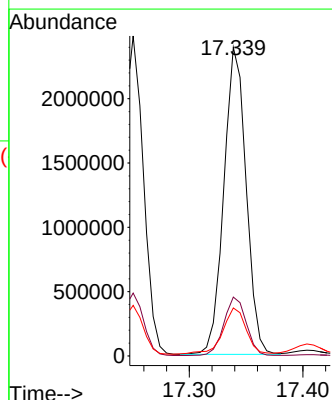
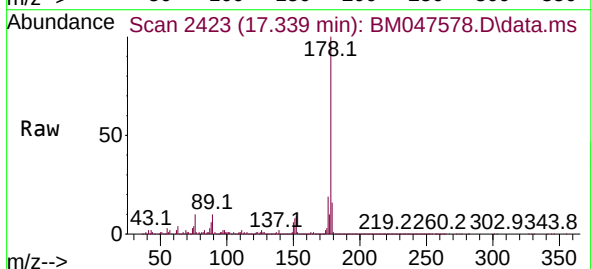
Tgt Ion:178 Resp: 3257511

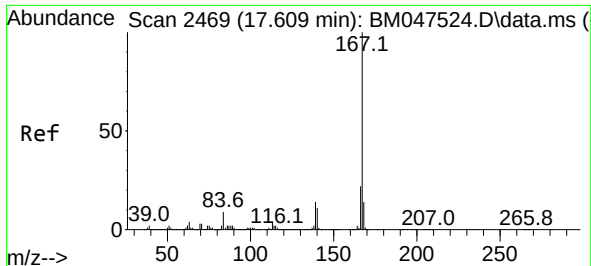
Ion Ratio Lower Upper

178 100

176 19.1 15.4 23.0

179 15.6 12.3 18.5

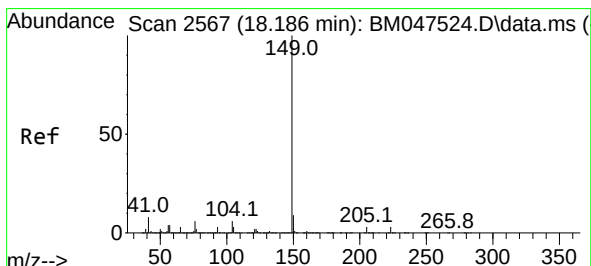
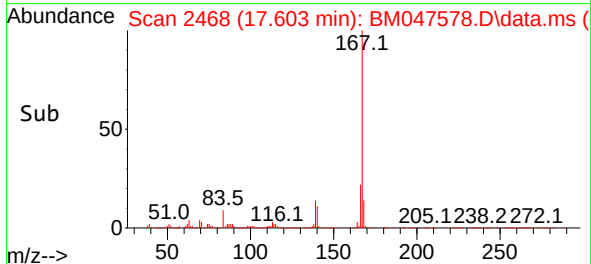
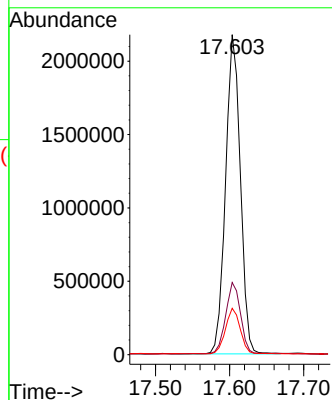
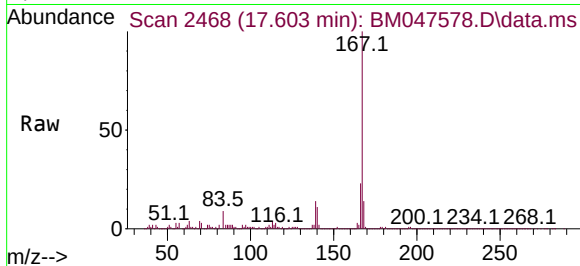




#73
 Carbazole
 Concen: 48.100 ng
 RT: 17.603 min Scan# 24
 Delta R.T. -0.006 min
 Lab File: BM047578.D
 Acq: 19 Sep 2024 19:52

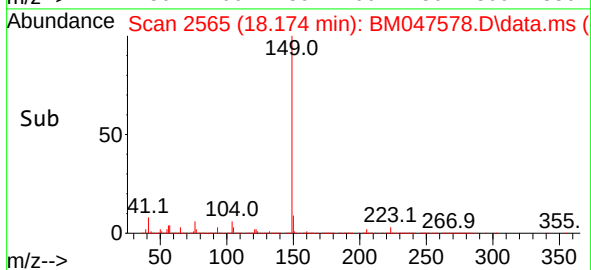
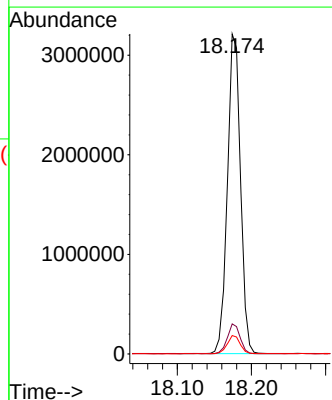
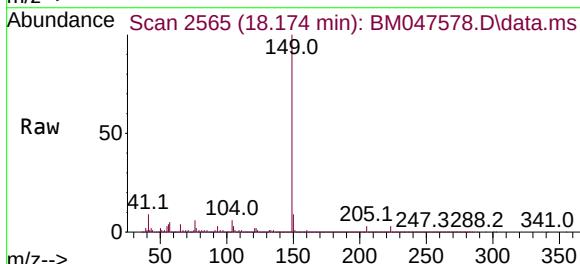
Instrument :
 BNA_M
 ClientSampleId :
 WC-14-7.5-10BMS

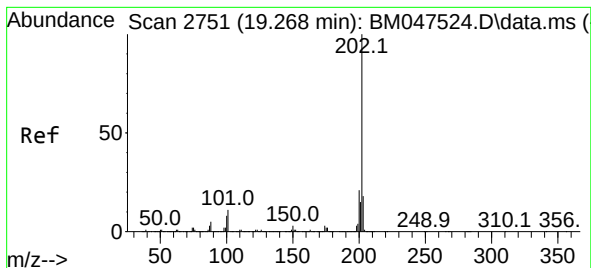
Tgt Ion:167 Resp: 3011606
 Ion Ratio Lower Upper
 167 100
 166 22.6 17.8 26.8
 139 14.5 11.0 16.6



#74
 Di-n-butylphthalate
 Concen: 52.345 ng
 RT: 18.174 min Scan# 2565
 Delta R.T. -0.012 min
 Lab File: BM047578.D
 Acq: 19 Sep 2024 19:52

Tgt Ion:149 Resp: 3921424
 Ion Ratio Lower Upper
 149 100
 150 9.4 7.4 11.2
 104 5.7 4.6 6.8





#75

Fluoranthene

Concen: 47.096 ng

RT: 19.256 min Scan# 21

Delta R.T. -0.012 min

Lab File: BM047578.D

Acq: 19 Sep 2024 19:52

Instrument :

BNA_M

ClientSampleId :

WC-14-7.5-10BMS

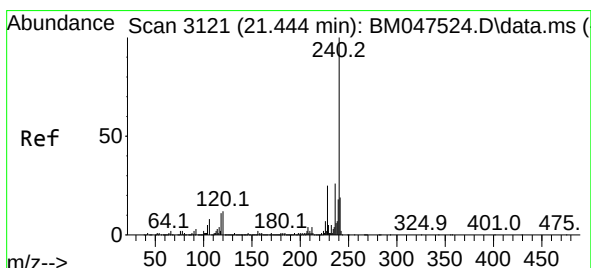
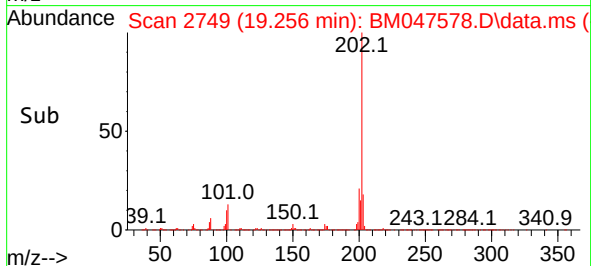
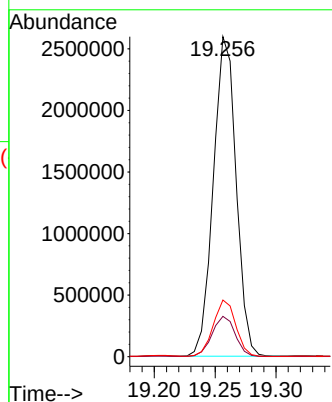
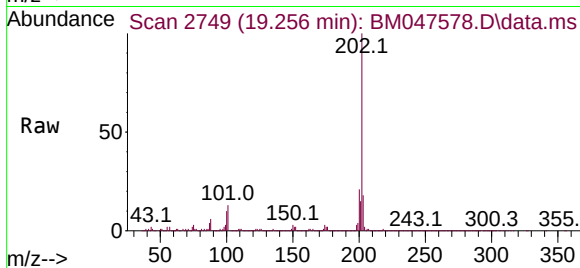
Tgt Ion:202 Resp: 3378998

Ion Ratio Lower Upper

202 100

101 12.6 0.0 30.8

203 17.7 0.0 37.7



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.433 min Scan# 3119

Delta R.T. -0.011 min

Lab File: BM047578.D

Acq: 19 Sep 2024 19:52

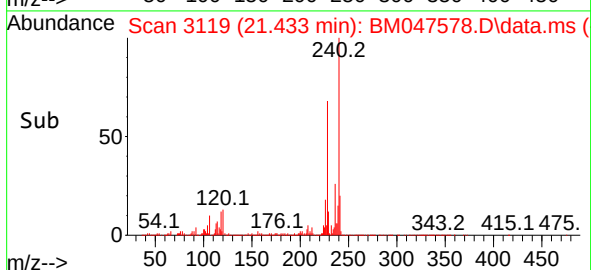
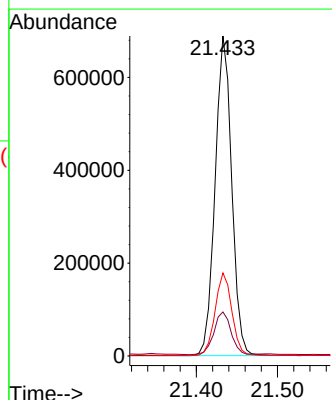
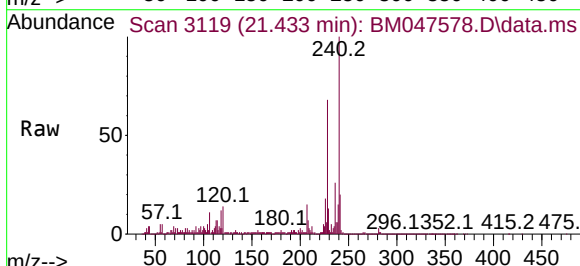
Tgt Ion:240 Resp: 977837

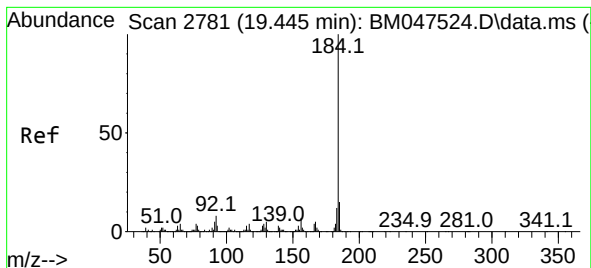
Ion Ratio Lower Upper

240 100

120 13.8 9.6 14.4

236 25.9 20.9 31.3





#77

Benzidine

Concen: 83.951 ng

RT: 19.439 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM047578.D

Acq: 19 Sep 2024 19:52

Instrument :

BNA_M

ClientSampleId :

WC-14-7.5-10BMS

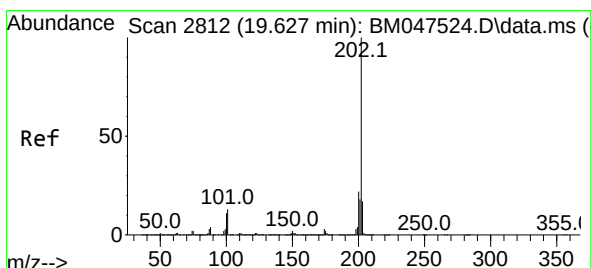
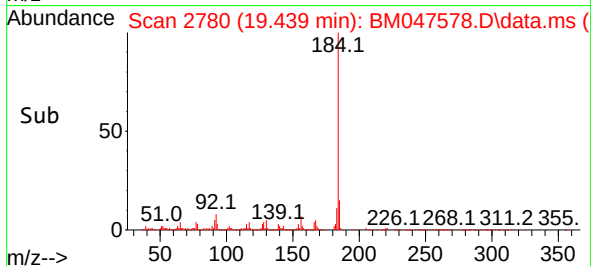
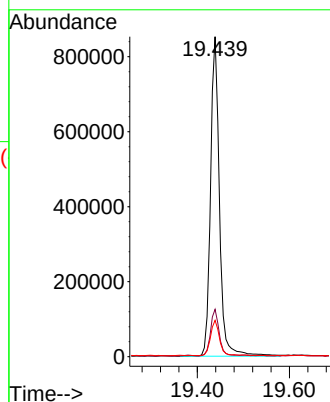
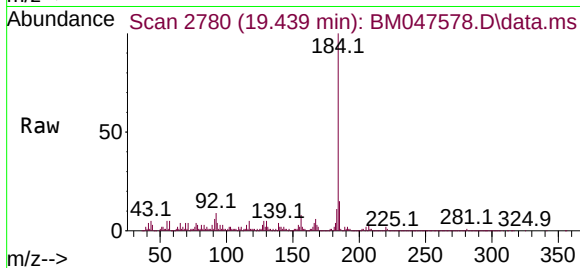
Tgt Ion:184 Resp: 1156137

Ion Ratio Lower Upper

184 100

185 14.8 12.2 18.2

183 11.3 9.6 14.4



#78

Pyrene

Concen: 50.651 ng

RT: 19.621 min Scan# 2811

Delta R.T. -0.006 min

Lab File: BM047578.D

Acq: 19 Sep 2024 19:52

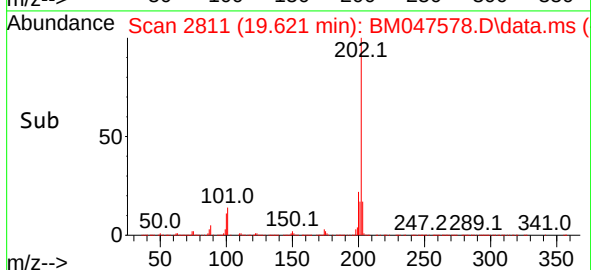
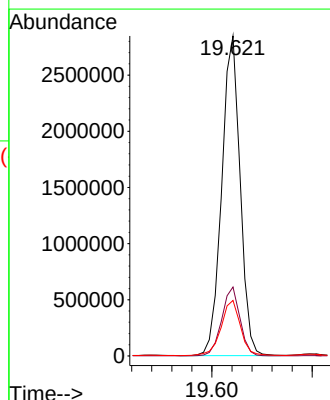
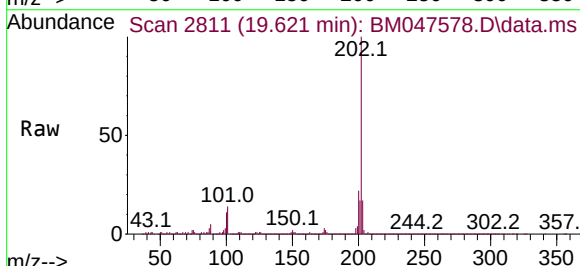
Tgt Ion:202 Resp: 3612709

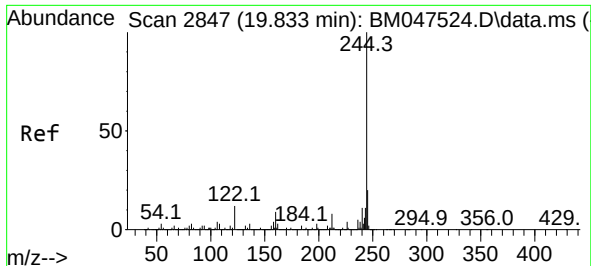
Ion Ratio Lower Upper

202 100

200 21.6 17.2 25.8

203 17.3 14.0 21.0

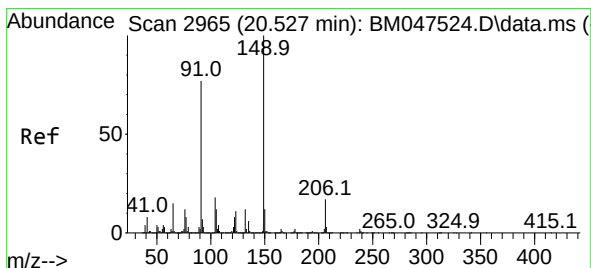
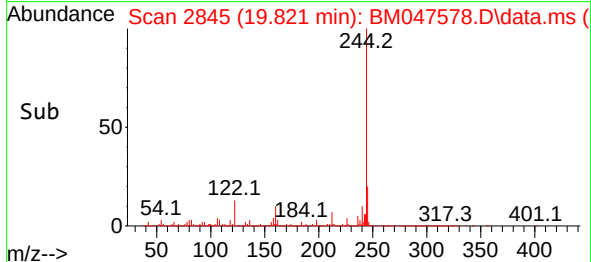
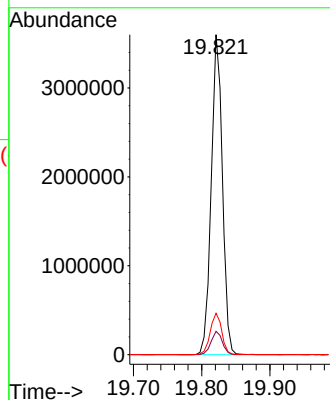
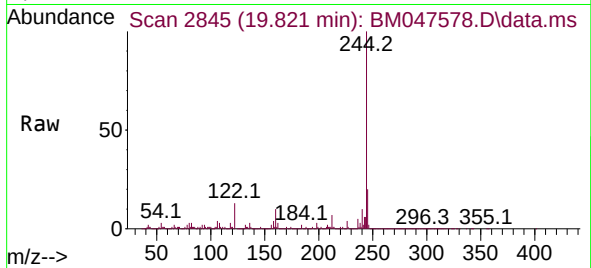




#79
 Terphenyl-d14
 Concen: 75.116 ng
 RT: 19.821 min Scan# 21
 Delta R.T. -0.012 min
 Lab File: BM047578.D
 Acq: 19 Sep 2024 19:52

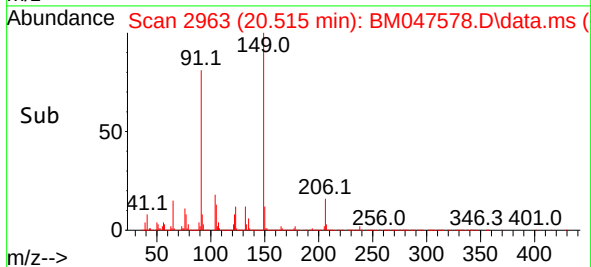
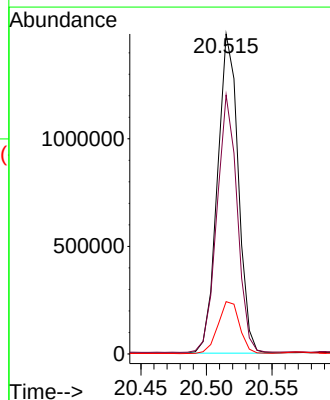
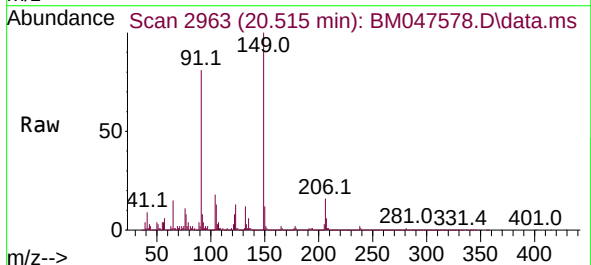
Instrument :
 BNA_M
 ClientSampleId :
 WC-14-7.5-10BMS

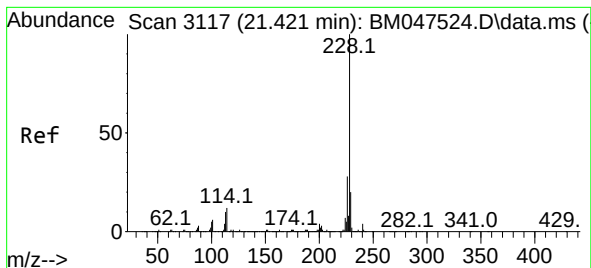
Tgt Ion:244 Resp: 4098991
 Ion Ratio Lower Upper
 244 100
 212 7.3 6.2 9.2
 122 13.0 9.6 14.4



#80
 Butylbenzylphthalate
 Concen: 59.552 ng
 RT: 20.515 min Scan# 2963
 Delta R.T. -0.012 min
 Lab File: BM047578.D
 Acq: 19 Sep 2024 19:52

Tgt Ion:149 Resp: 1635123
 Ion Ratio Lower Upper
 149 100
 91 81.0 62.0 93.0
 206 16.4 13.8 20.8





#81

Benzo(a)anthracene

Concen: 51.387 ng

RT: 21.415 min Scan# 3117

Delta R.T. -0.006 min

Lab File: BM047578.D

Acq: 19 Sep 2024 19:52

Instrument :

BNA_M

ClientSampleId :

WC-14-7.5-10BMS

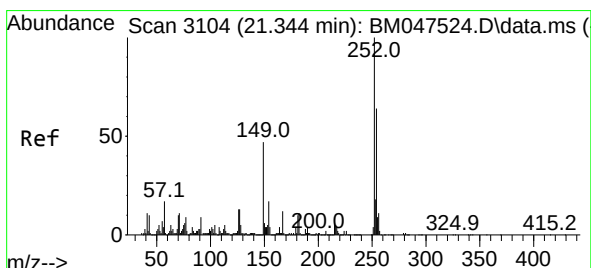
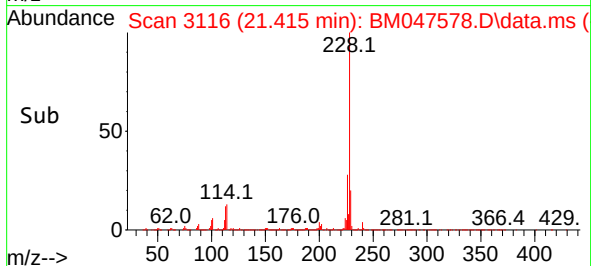
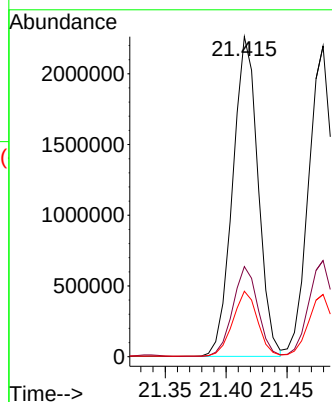
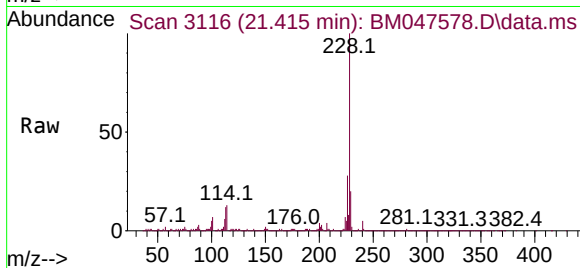
Tgt Ion:228 Resp: 3275214

Ion Ratio Lower Upper

228 100

226 28.2 22.4 33.6

229 20.5 16.0 24.0



#82

3,3'-Dichlorobenzidine

Concen: 50.099 ng

RT: 21.339 min Scan# 3103

Delta R.T. -0.006 min

Lab File: BM047578.D

Acq: 19 Sep 2024 19:52

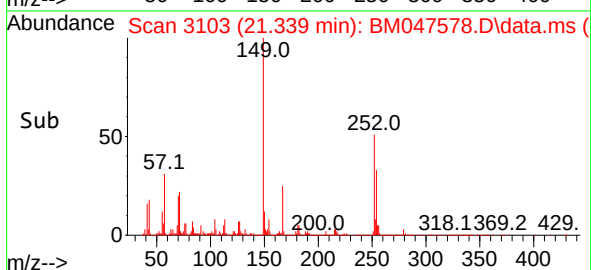
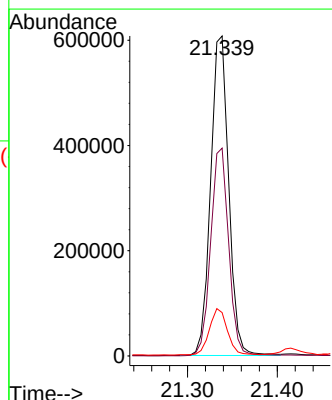
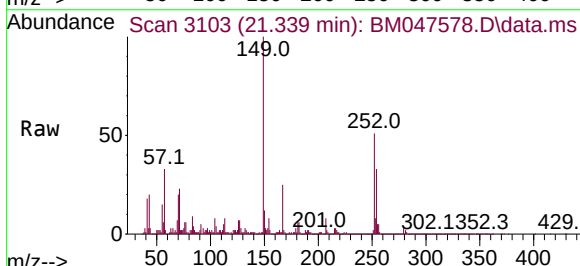
Tgt Ion:252 Resp: 849390

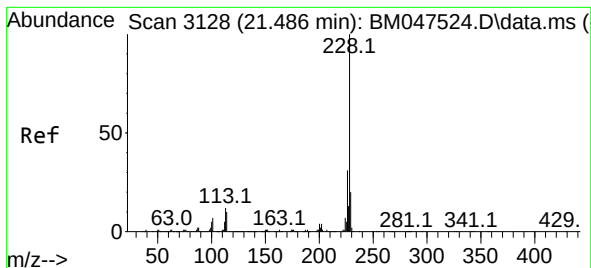
Ion Ratio Lower Upper

252 100

254 65.0 51.5 77.3

126 13.6 10.3 15.5





#83

Chrysene

Concen: 51.374 ng

RT: 21.480 min Scan# 3128

Delta R.T. -0.006 min

Lab File: BM047578.D

Acq: 19 Sep 2024 19:52

Instrument :

BNA_M

ClientSampleId :

WC-14-7.5-10BMS

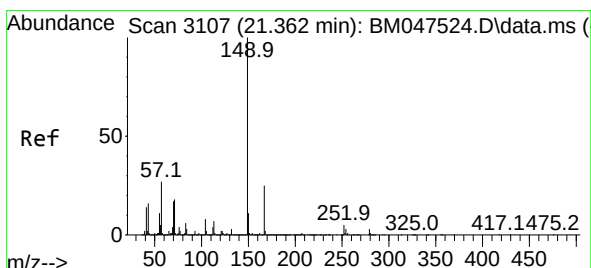
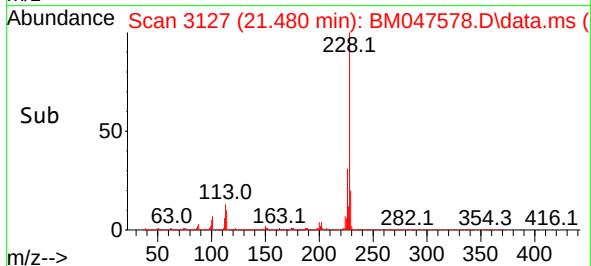
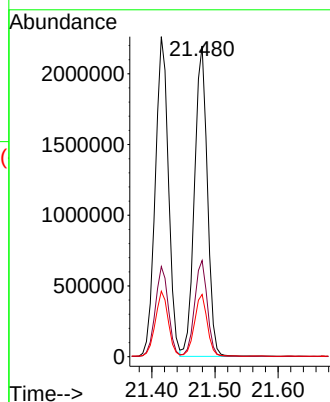
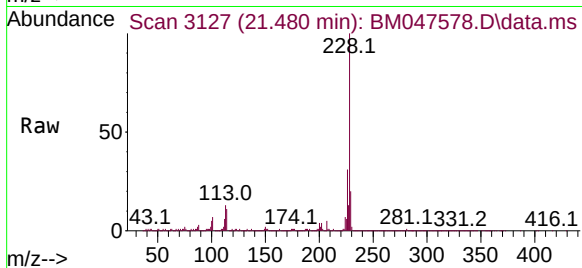
Tgt Ion:228 Resp: 3097089

Ion Ratio Lower Upper

228 100

226 31.0 25.0 37.6

229 20.0 15.9 23.9



#84

Bis(2-ethylhexyl)phthalate

Concen: 58.658 ng

RT: 21.344 min Scan# 3104

Delta R.T. -0.018 min

Lab File: BM047578.D

Acq: 19 Sep 2024 19:52

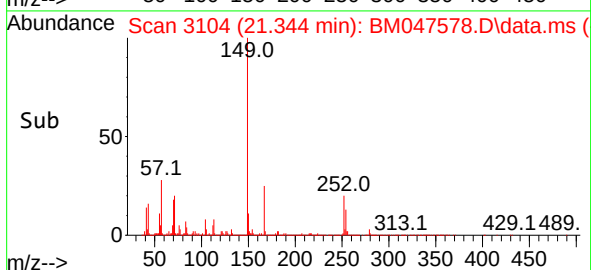
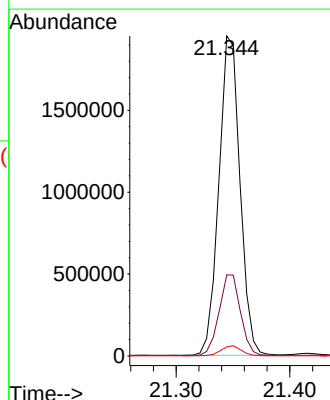
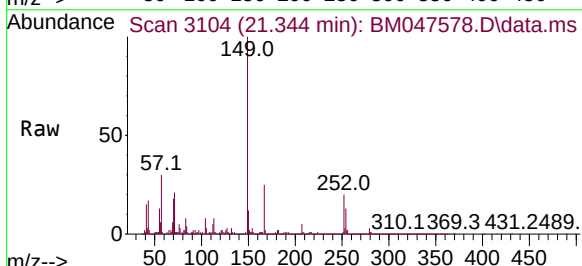
Tgt Ion:149 Resp: 2523045

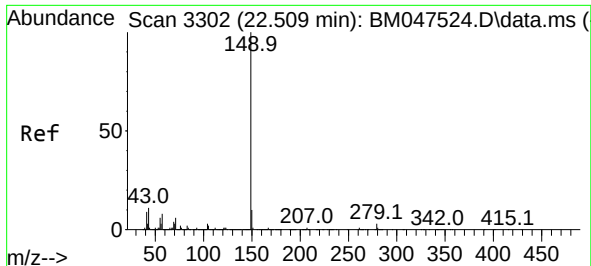
Ion Ratio Lower Upper

149 100

167 25.3 20.2 30.4

279 2.8 2.6 4.0

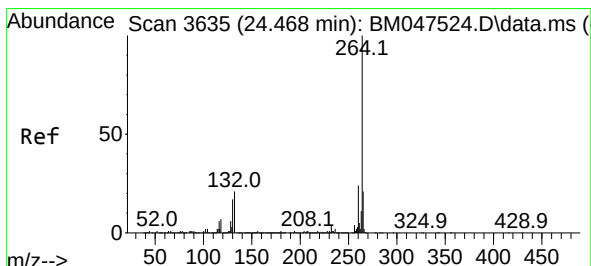
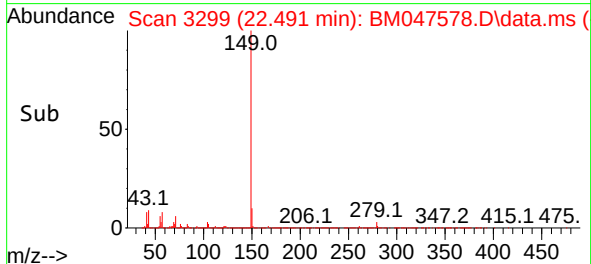
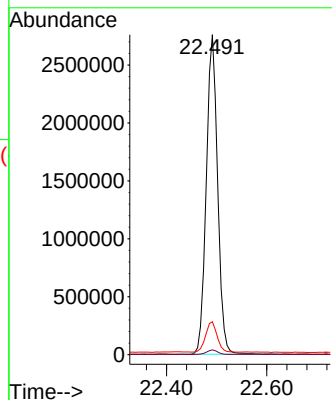
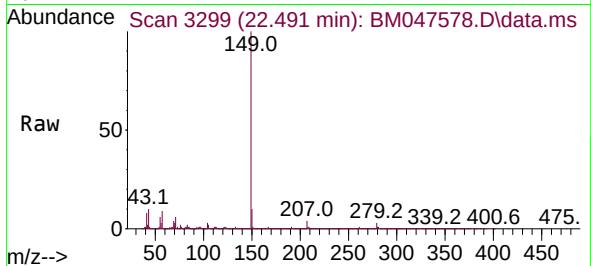




#85
Di-n-octyl phthalate
Concen: 71.168 ng
RT: 22.491 min Scan# 31
Delta R.T. -0.018 min
Lab File: BM047578.D
Acq: 19 Sep 2024 19:52

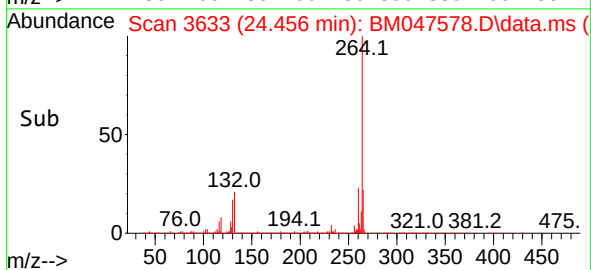
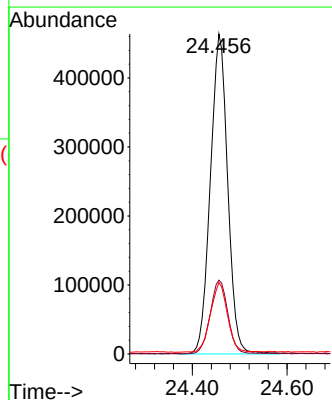
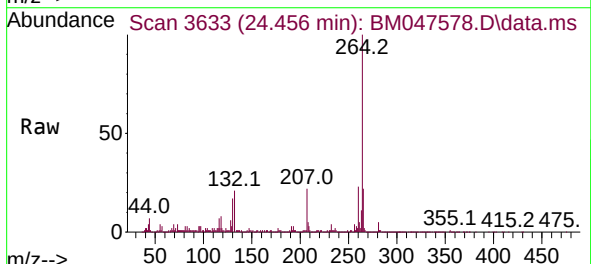
Instrument :
BNA_M
ClientSampleId :
WC-14-7.5-10BMS

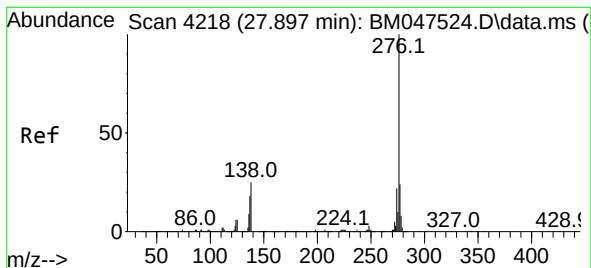
Tgt Ion:149 Resp: 4329939
Ion Ratio Lower Upper
149 100
167 1.4 1.1 1.7
43 9.7 8.9 13.3



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.456 min Scan# 3633
Delta R.T. -0.012 min
Lab File: BM047578.D
Acq: 19 Sep 2024 19:52

Tgt Ion:264 Resp: 1177268
Ion Ratio Lower Upper
264 100
260 23.1 18.9 28.3
265 22.3 17.4 26.2





#87

Indeno(1,2,3-cd)pyrene

Concen: 62.975 ng

RT: 27.885 min Scan# 41

Delta R.T. -0.012 min

Lab File: BM047578.D

Acq: 19 Sep 2024 19:52

Instrument :

BNA_M

ClientSampleId :

WC-14-7.5-10BMS

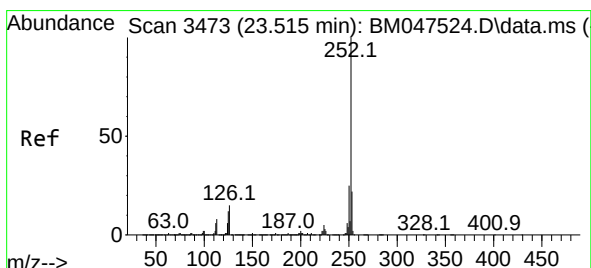
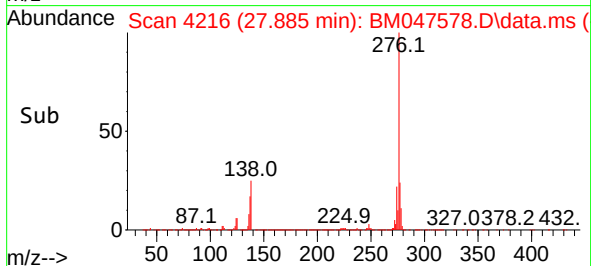
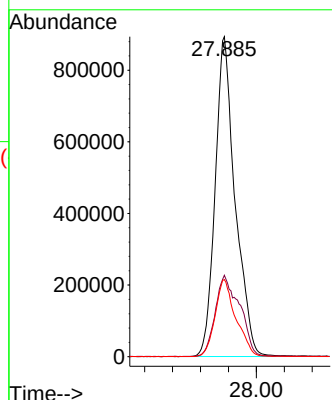
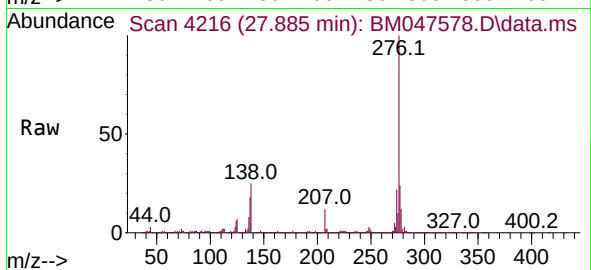
Tgt Ion:276 Resp: 4436803

Ion Ratio Lower Upper

276 100

138 31.0 25.0 37.6

277 25.1 20.1 30.1



#88

Benzo(b)fluoranthene

Concen: 43.867 ng

RT: 23.503 min Scan# 3471

Delta R.T. -0.012 min

Lab File: BM047578.D

Acq: 19 Sep 2024 19:52

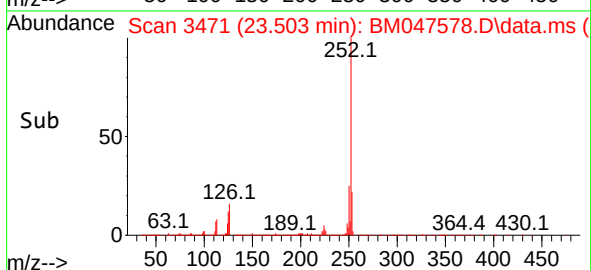
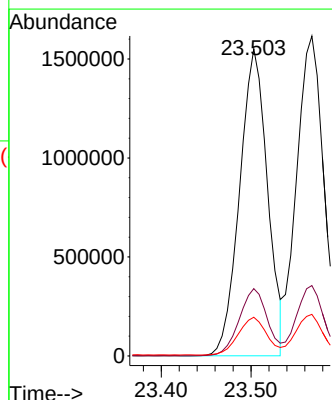
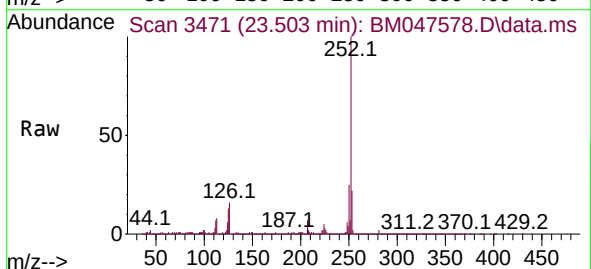
Tgt Ion:252 Resp: 3341406

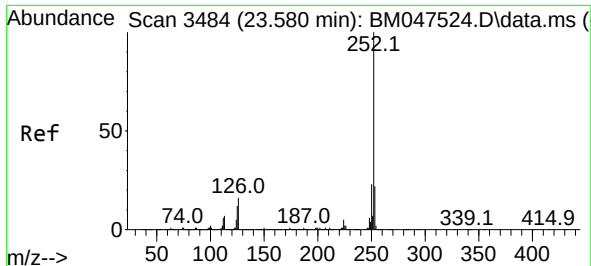
Ion Ratio Lower Upper

252 100

253 21.9 17.8 26.8

125 12.6 9.5 14.3

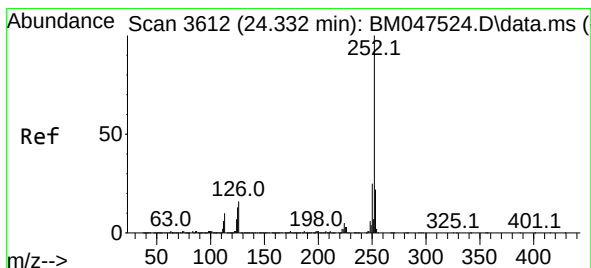
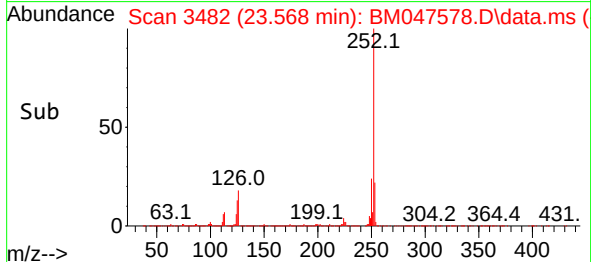
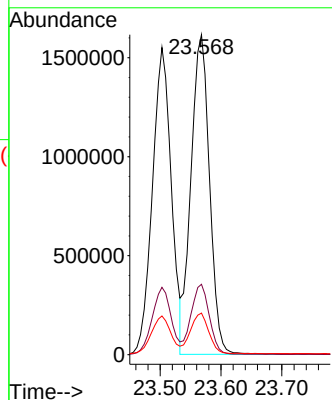
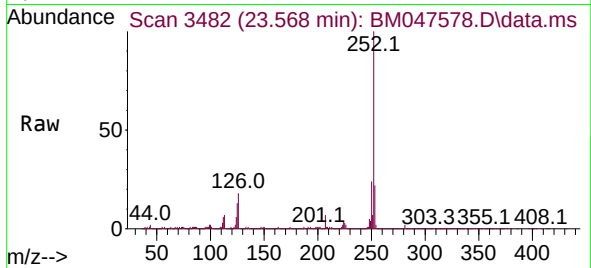




#89
Benzo(k)fluoranthene
Concen: 45.166 ng
RT: 23.568 min Scan# 34
Delta R.T. -0.012 min
Lab File: BM047578.D
Acq: 19 Sep 2024 19:52

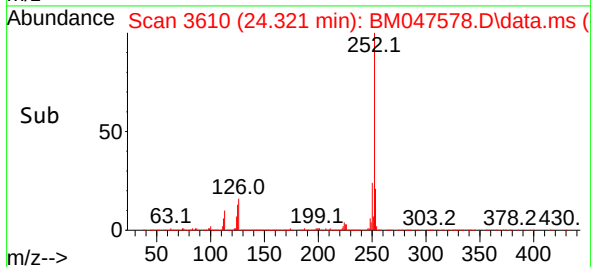
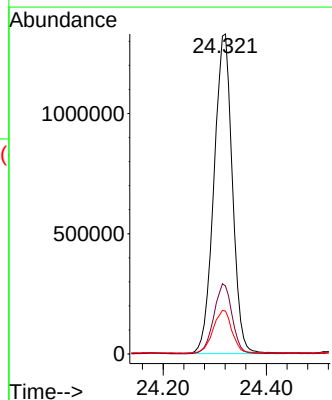
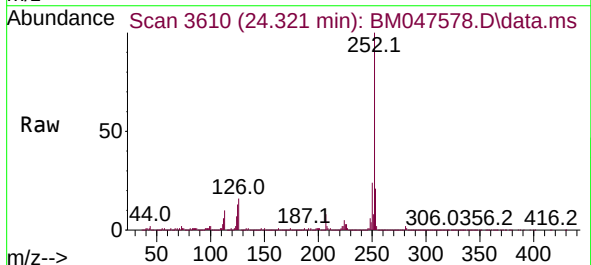
Instrument :
BNA_M
ClientSampleId :
WC-14-7.5-10BMS

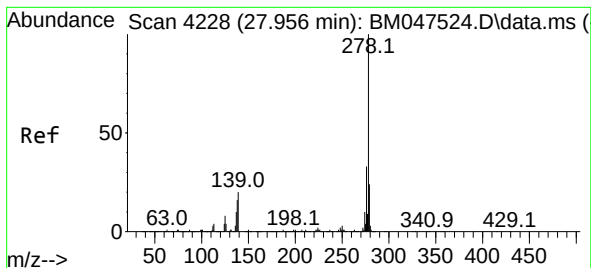
Tgt Ion:252 Resp: 3409620
Ion Ratio Lower Upper
252 100
253 22.0 17.8 26.6
125 13.0 9.5 14.3



#90
Benzo(a)pyrene
Concen: 52.613 ng
RT: 24.321 min Scan# 3610
Delta R.T. -0.012 min
Lab File: BM047578.D
Acq: 19 Sep 2024 19:52

Tgt Ion:252 Resp: 3284629
Ion Ratio Lower Upper
252 100
253 21.2 17.7 26.5
125 13.4 10.2 15.4





#91

Dibenzo(a,h)anthracene

Concen: 61.185 ng

RT: 27.944 min Scan# 4397

Delta R.T. -0.012 min

Lab File: BM047578.D

Acq: 19 Sep 2024 19:52

Instrument :

BNA_M

ClientSampleId :

WC-14-7.5-10BMS

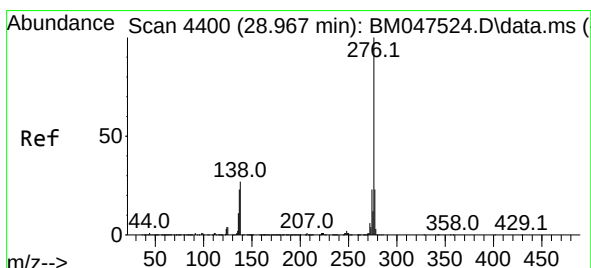
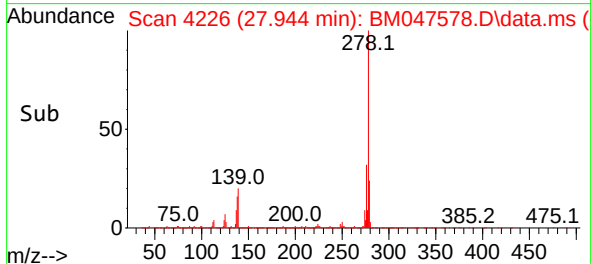
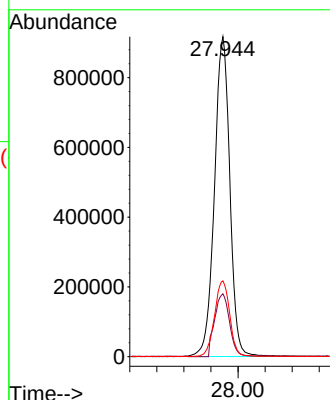
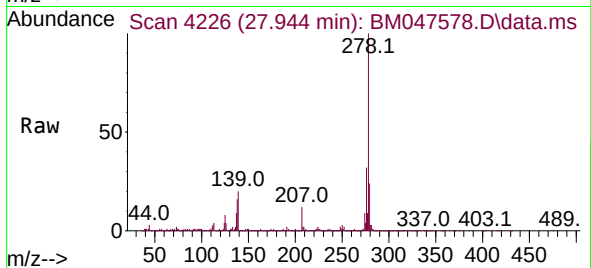
Tgt Ion:278 Resp: 3626745

Ion Ratio Lower Upper

278 100

139 19.7 15.9 23.9

279 23.7 19.3 28.9



#92

Benzo(g,h,i)perylene

Concen: 57.843 ng

RT: 28.950 min Scan# 4397

Delta R.T. -0.018 min

Lab File: BM047578.D

Acq: 19 Sep 2024 19:52

Tgt Ion:276 Resp: 3349245

Ion Ratio Lower Upper

276 100

277 23.6 18.6 28.0

138 26.7 21.5 32.3

