

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080323\
 Data File : BM041267.D
 Acq On : 03 Aug 2023 18:23
 Operator : MA/JU
 Sample : 03717-04MSD
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 TP-2MSD

Quant Time: Aug 04 01:21:51 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM072823.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 02 19:20:51 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.798	152	153760	20.000	ng	0.00
21) Naphthalene-d8	10.604	136	689148	20.000	ng	0.00
39) Acenaphthene-d10	14.463	164	458737	20.000	ng	0.00
64) Phenanthrene-d10	17.227	188	999979	20.000	ng	0.00
76) Chrysene-d12	21.427	240	780124	20.000	ng	0.00
86) Perylene-d12	23.797	264	781434	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.369	112	979053	95.166	ng	0.00
7) Phenol-d6	6.987	99	1341609	100.605	ng	0.00
23) Nitrobenzene-d5	8.975	82	842433	56.848	ng	0.00
42) 2,4,6-Tribromophenol	15.968	330	645047	99.412	ng	0.00
45) 2-Fluorobiphenyl	13.080	172	2002329	55.139	ng	0.00
79) Terphenyl-d14	19.862	244	3105226	71.968	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.257	88	132473	30.101	ng	97
3) Pyridine	3.663	79	390811	33.773	ng	96
4) n-Nitrosodimethylamine	3.581	42	200576	37.478	ng	90
6) Aniline	7.134	93	682957	43.761	ng	98
8) 2-Chlorophenol	7.363	128	550068	54.769	ng	100
9) Benzaldehyde	6.945	77	298939	42.484	ng	99
10) Phenol	7.010	94	713956	55.432	ng	98
11) bis(2-Chloroethyl)ether	7.234	93	508303	48.754	ng	95
12) 1,3-Dichlorobenzene	7.681	146	549010	50.218	ng	99
13) 1,4-Dichlorobenzene	7.834	146	560906	51.045	ng	99
14) 1,2-Dichlorobenzene	8.145	146	550789	52.277	ng	99
15) Benzyl Alcohol	8.057	79	525550	62.406	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.339	45	639733	46.053	ng	95
17) 2-Methylphenol	8.257	107	480277	54.580	ng	99
18) Hexachloroethane	8.863	117	165195	40.381	ng	94
19) n-Nitroso-di-n-propyla...	8.622	70	438619	54.151	ng	95
20) 3+4-Methylphenols	8.592	107	663051	56.356	ng	98
22) Acetophenone	8.639	105	824059	45.150	ng	# 97
24) Nitrobenzene	9.016	77	649045	43.310	ng	100
25) Isophorone	9.545	82	1229941	48.894	ng	99
26) 2-Nitrophenol	9.728	139	228528	39.009	ng	94
27) 2,4-Dimethylphenol	9.792	122	504550	48.943	ng	97
28) bis(2-Chloroethoxy)met...	10.028	93	725876	46.066	ng	99
29) 2,4-Dichlorophenol	10.263	162	579205	55.714	ng	99
30) 1,2,4-Trichlorobenzene	10.469	180	580314	50.524	ng	98
31) Naphthalene	10.657	128	1703217	45.544	ng	100
32) Benzoic acid	9.986	122	406086	51.786	ng	99
33) 4-Chloroaniline	10.786	127	471132	31.524	ng	98
34) Hexachlorobutadiene	10.922	225	353382	51.156	ng	98
35) Caprolactam	11.622	113	168390	55.993	ng	89
36) 4-Chloro-3-methylphenol	11.927	107	622139	56.858	ng	96
37) 2-Methylnaphthalene	12.274	142	1233138	48.910	ng	99
38) 1-Methylnaphthalene	12.498	142	1164980	49.369	ng	100
40) 1,2,4,5-Tetrachloroben...	12.645	216	694814	46.645	ng	99
41) Hexachlorocyclopentadiene	12.610	237	282948	35.905	ng	99
43) 2,4,6-Trichlorophenol	12.898	196	500388	52.412	ng	100

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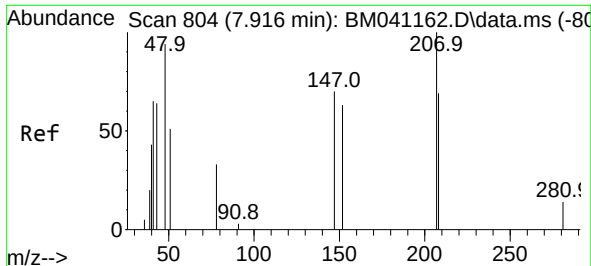
Quant Time: Aug 04 01:21:51 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM072823.M
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 QLast Update : Wed Aug 02 19:20:51 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.974	196	540787	48.939	ng	95
46) 1,1'-Biphenyl	13.298	154	1643793	44.201	ng	98
47) 2-Chloronaphthalene	13.339	162	1306729	47.059	ng	98
48) 2-Nitroaniline	13.563	65	459400	51.830	ng	96
49) Acenaphthylene	14.186	152	2081166	46.434	ng	100
50) Dimethylphthalate	13.939	163	1823972	52.858	ng	99
51) 2,6-Dinitrotoluene	14.063	165	328822	45.990	ng	96
52) Acenaphthene	14.533	154	1239546	45.908	ng	100
53) 3-Nitroaniline	14.398	138	422686	50.922	ng	94
54) 2,4-Dinitrophenol	14.615	184	176228	39.672	ng	# 88
55) Dibenzofuran	14.868	168	2054484	46.637	ng	98
56) 4-Nitrophenol	14.727	139	594645	99.792	ng	93
57) 2,4-Dinitrotoluene	14.862	165	447259	44.038	ng	95
58) Fluorene	15.521	166	1664207	47.887	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.104	232	459051	51.301	ng	96
60) Diethylphthalate	15.304	149	1684860	50.490	ng	98
61) 4-Chlorophenyl-phenyle...	15.515	204	876874	50.352	ng	95
62) 4-Nitroaniline	15.574	138	414311	53.783	ng	98
63) Azobenzene	15.809	77	1701169	46.540	ng	97
65) 4,6-Dinitro-2-methylph...	15.627	198	121311	20.026	ng	86
66) n-Nitrosodiphenylamine	15.739	169	1432113	46.048	ng	98
67) 4-Bromophenyl-phenylether	16.409	248	548367	50.015	ng	99
68) Hexachlorobenzene	16.521	284	645309	52.931	ng	97
69) Atrazine	16.698	200	444845	54.466	ng	100
70) Pentachlorophenol	16.880	266	710544	84.167	ng	99
71) Phenanthrene	17.268	178	2544429	45.797	ng	100
72) Anthracene	17.362	178	2571770	46.803	ng	100
73) Carbazole	17.645	167	2340482	47.060	ng	100
74) Di-n-butylphthalate	18.198	149	3095403	55.078	ng	99
75) Fluoranthene	19.292	202	2849863	45.656	ng	99
77) Benzidine	19.492	184	1324069	124.524	ng	100
78) Pyrene	19.656	202	2867226	52.556	ng	99
80) Butylbenzylphthalate	20.562	149	1302672	65.387	ng	93
81) Benzo(a)anthracene	21.415	228	2629569	49.721	ng	99
82) 3,3'-Dichlorobenzidine	21.350	252	1016638	58.911	ng	99
83) Chrysene	21.468	228	2386801	46.659	ng	99
84) Bis(2-ethylhexyl)phtha...	21.333	149	1911409	59.758	ng	# 96
85) Di-n-octyl phthalate	22.250	149	3076727	61.106	ng	97
87) Indeno(1,2,3-cd)pyrene	26.262	276	2580677	44.919	ng	96
88) Benzo(b)fluoranthene	23.080	252	2424765	52.233	ng	98
89) Benzo(k)fluoranthene	23.127	252	2361815	49.738	ng	98
90) Benzo(a)pyrene	23.697	252	2063260	46.256	ng	98
91) Dibenzo(a,h)anthracene	26.274	278	2182039	45.535	ng	97
92) Benzo(g,h,i)perylene	27.015	276	2025644	43.201	ng	96

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

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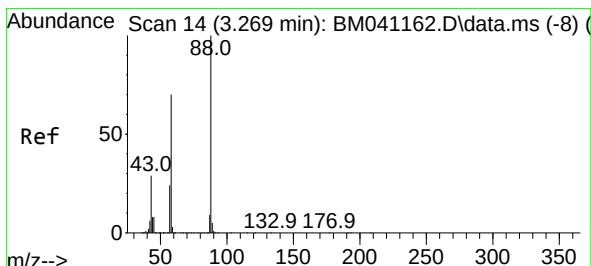
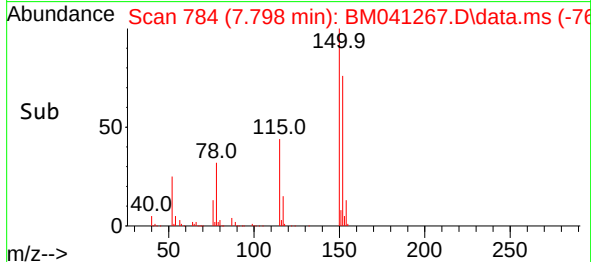
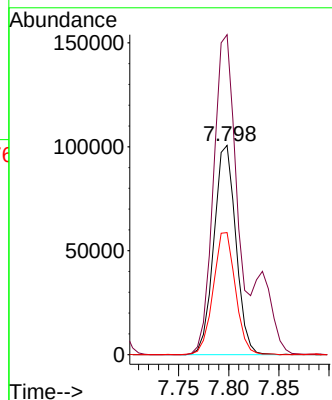
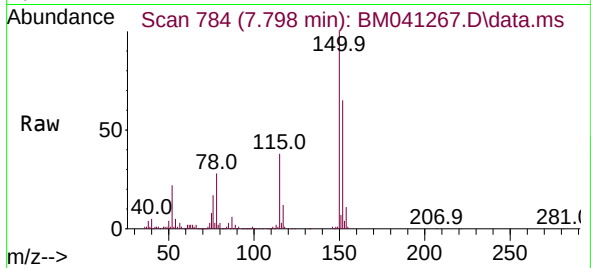




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.798 min Scan# 784
 Delta R.T. 0.005 min
 Lab File: BM041267.D
 Acq: 03 Aug 2023 18:23

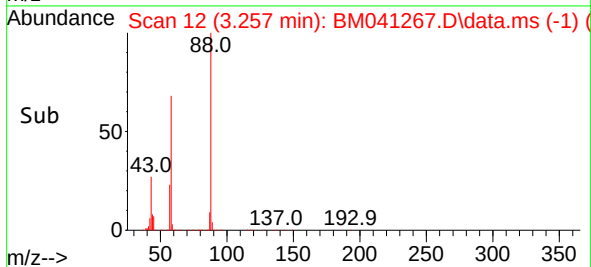
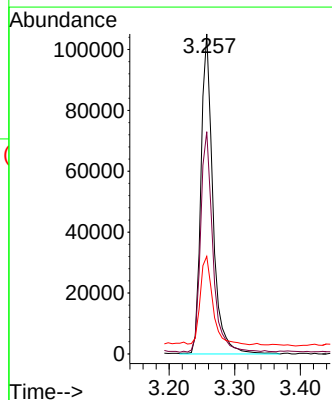
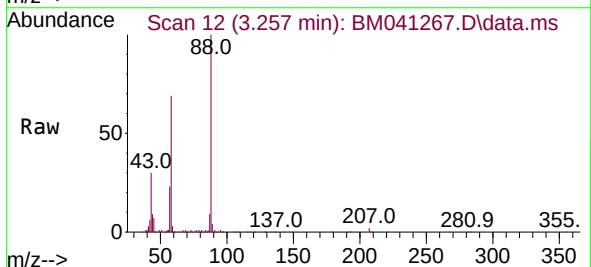
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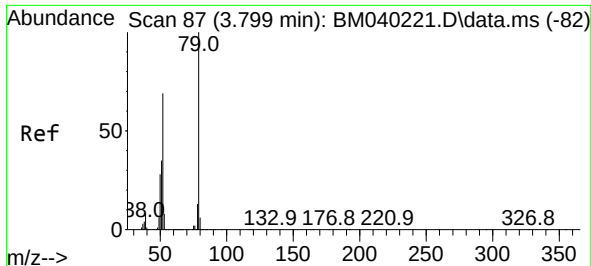
Tgt Ion:152 Resp: 153760
 Ion Ratio Lower Upper
 152 100
 150 152.9 125.5 188.3
 115 58.3 48.0 72.0



#2
 1,4-Dioxane
 Concen: 30.101 ng
 RT: 3.257 min Scan# 12
 Delta R.T. -0.000 min
 Lab File: BM041267.D
 Acq: 03 Aug 2023 18:23

Tgt Ion: 88 Resp: 132473
 Ion Ratio Lower Upper
 88 100
 58 70.6 58.2 87.4
 43 28.8 24.4 36.6

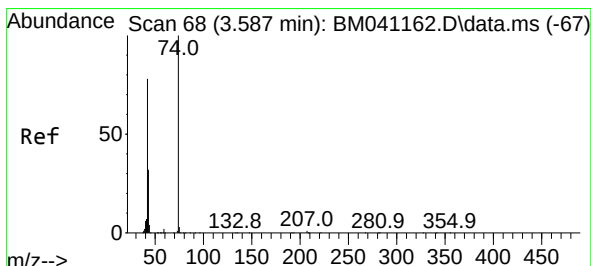
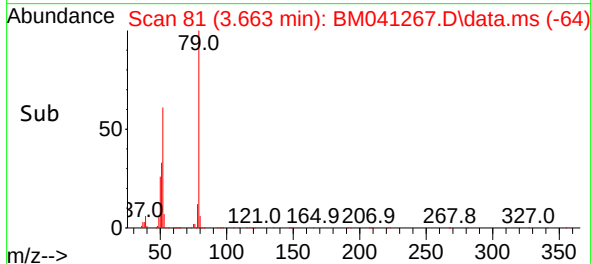
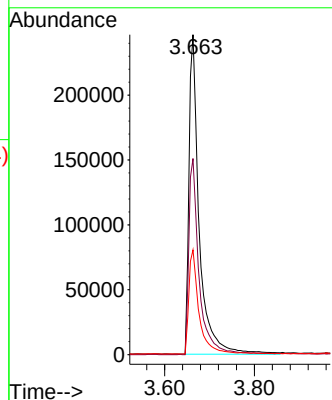
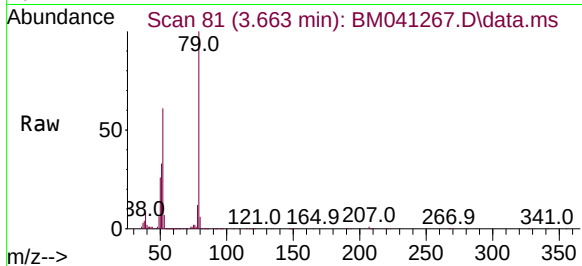




#3
 Pyridine
 Concen: 33.773 ng
 RT: 3.663 min Scan# 81
 Delta R.T. -0.000 min
 Lab File: BM041267.D
 Acq: 03 Aug 2023 18:23

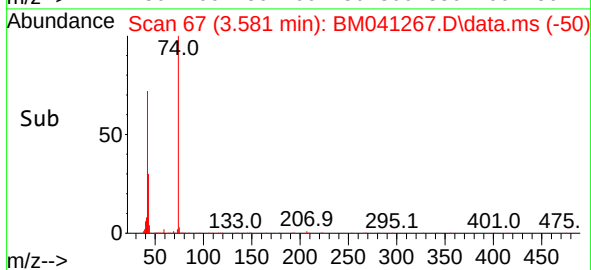
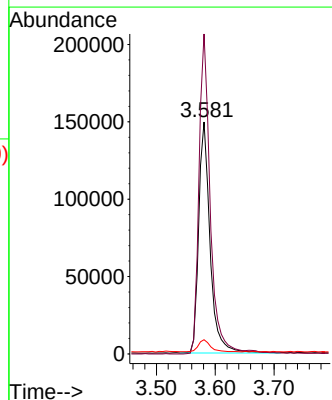
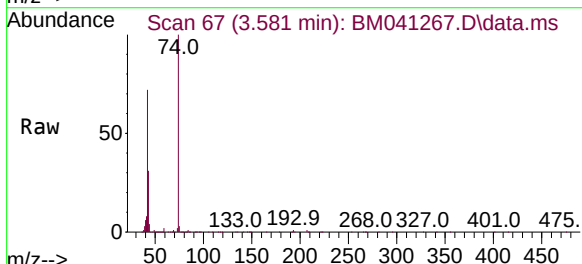
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 ClientSampleId :
 TP-2MSD

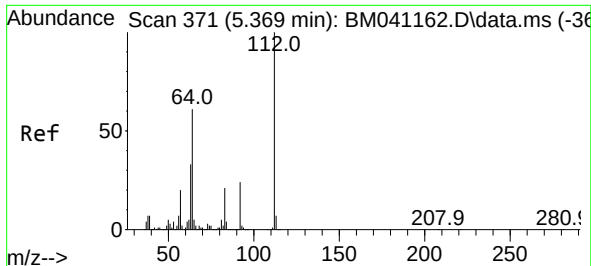
Tgt Ion: 79 Resp: 390811
 Ion Ratio Lower Upper
 79 100
 52 61.3 52.1 78.1
 51 32.7 27.5 41.3



#4
 n-Nitrosodimethylamine
 Concen: 37.478 ng
 RT: 3.581 min Scan# 67
 Delta R.T. -0.000 min
 Lab File: BM041267.D
 Acq: 03 Aug 2023 18:23

Tgt Ion: 42 Resp: 200576
 Ion Ratio Lower Upper
 42 100
 74 137.9 100.8 151.2
 44 6.1 5.0 7.4

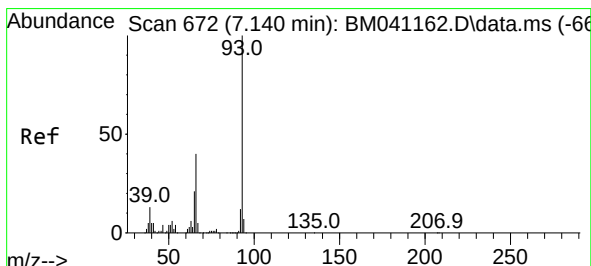
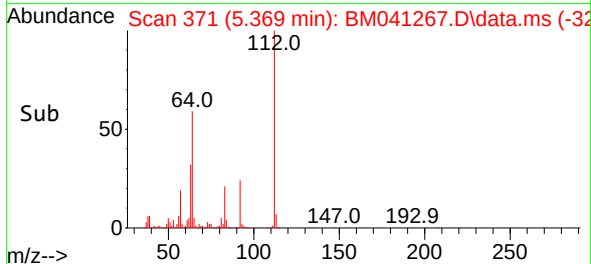
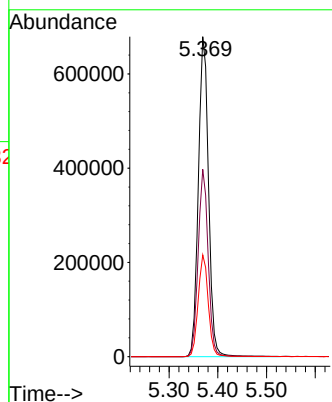
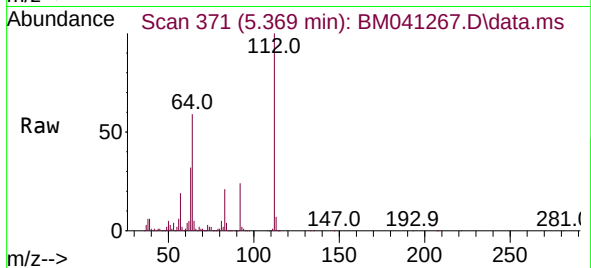




#5
2-Fluorophenol
Concen: 95.166 ng
RT: 5.369 min Scan# 31
Delta R.T. -0.000 min
Lab File: BM041267.D
Acq: 03 Aug 2023 18:23

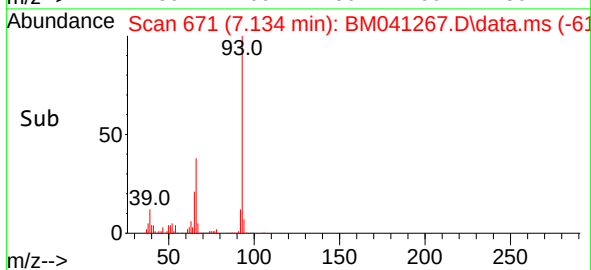
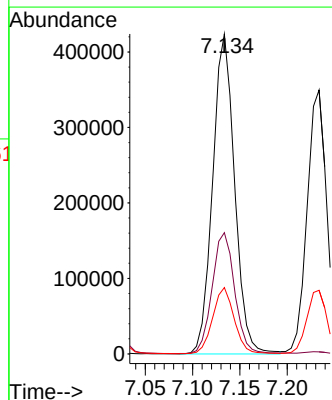
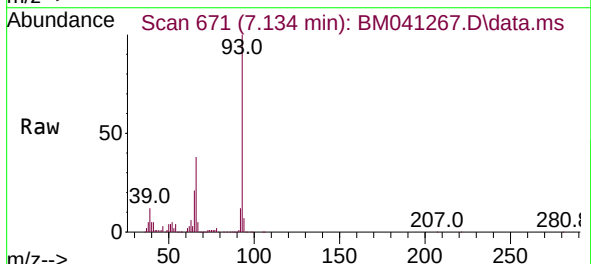
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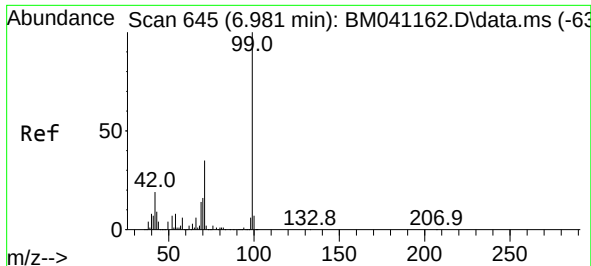
Tgt Ion:112 Resp: 979053
Ion Ratio Lower Upper
112 100
64 58.5 48.5 72.7
63 31.8 26.5 39.7



#6
Aniline
Concen: 43.761 ng
RT: 7.134 min Scan# 671
Delta R.T. 0.006 min
Lab File: BM041267.D
Acq: 03 Aug 2023 18:23

Tgt Ion: 93 Resp: 682957
Ion Ratio Lower Upper
93 100
66 37.9 32.0 48.0
65 20.7 16.6 24.8



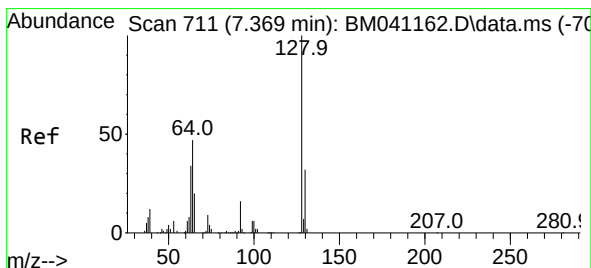
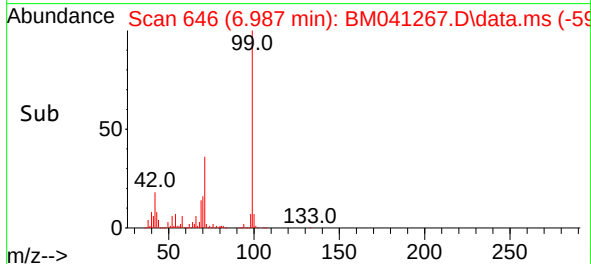
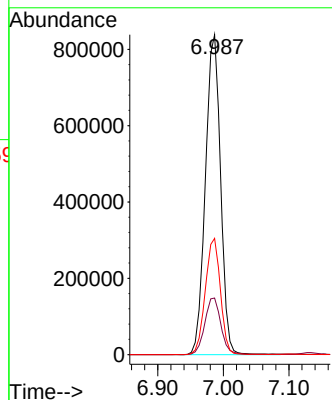
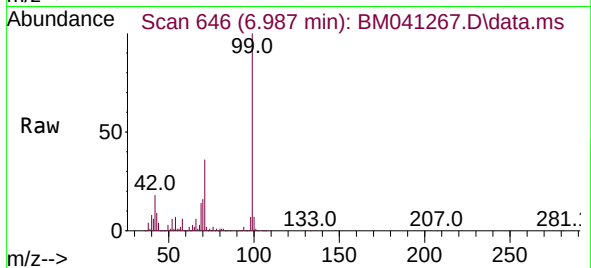


#7
Phenol-d6
Concen: 100.605 ng
RT: 6.987 min Scan# 645
Delta R.T. 0.006 min
Lab File: BM041267.D
Acq: 03 Aug 2023 18:23

Instrument :
BNA_M
ClientSampleId :
TP-2MSD

Tgt Ion: 99 Resp: 1341609

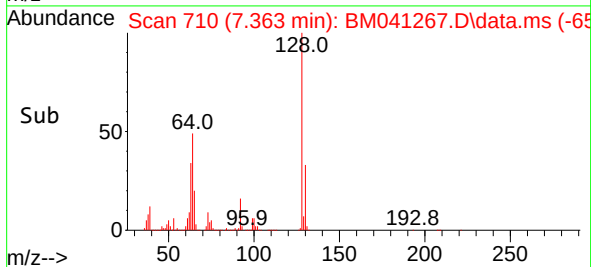
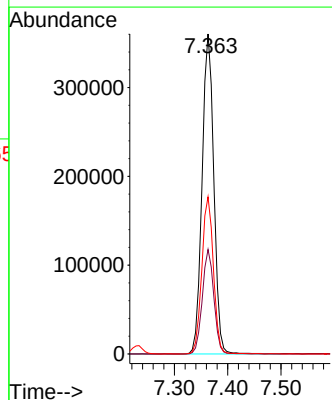
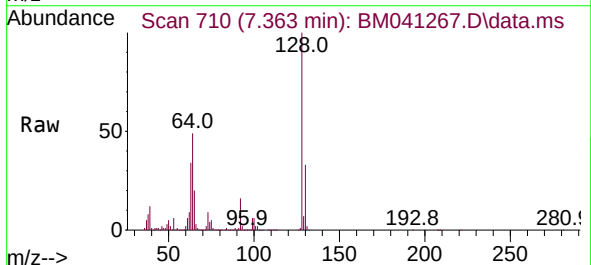
Ion	Ratio	Lower	Upper
99	100		
42	17.7	15.4	23.0
71	36.3	28.2	42.4

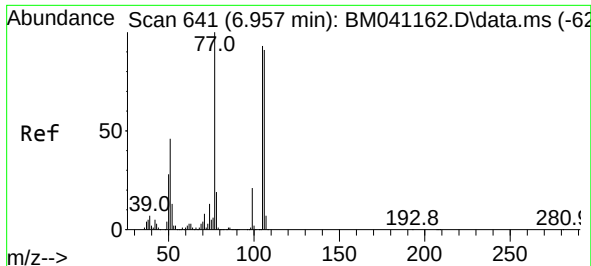


#8
2-Chlorophenol
Concen: 54.769 ng
RT: 7.363 min Scan# 710
Delta R.T. -0.000 min
Lab File: BM041267.D
Acq: 03 Aug 2023 18:23

Tgt Ion: 128 Resp: 550068

Ion	Ratio	Lower	Upper
128	100		
130	32.6	12.3	52.3
64	49.1	29.3	69.3

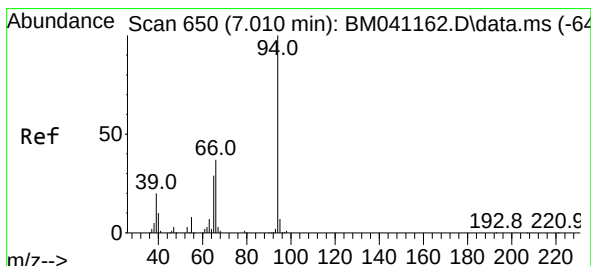
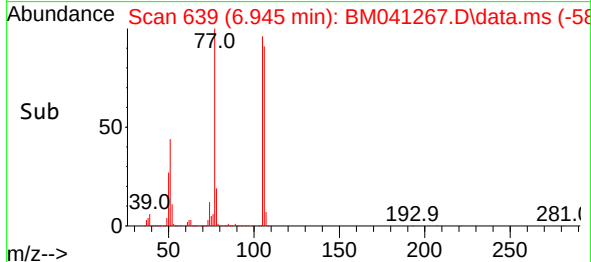
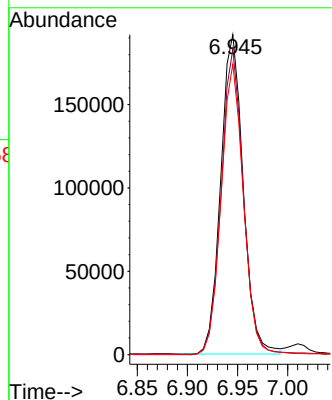
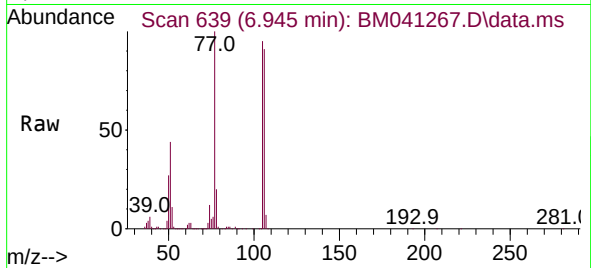




#9
Benzaldehyde
Concen: 42.484 ng
RT: 6.945 min Scan# 61
Delta R.T. -0.000 min
Lab File: BM041267.D
Acq: 03 Aug 2023 18:23

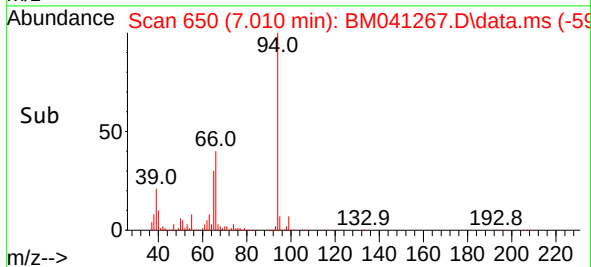
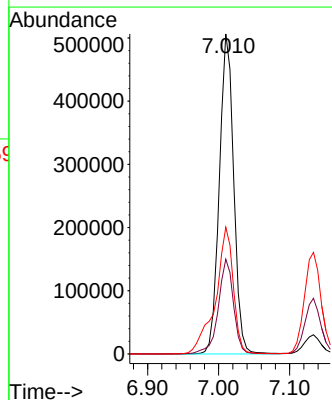
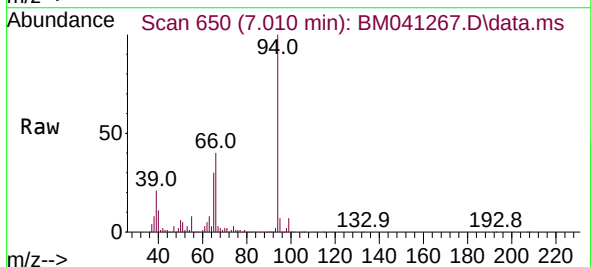
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ClientSampleId :
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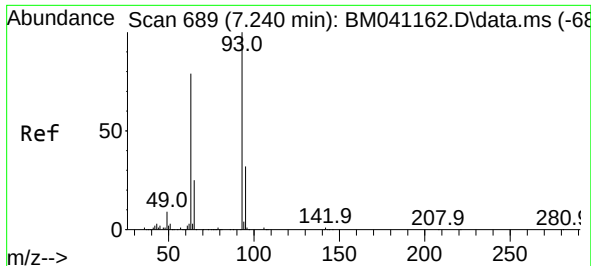
Tgt Ion: 77 Resp: 298939
Ion Ratio Lower Upper
77 100
105 95.5 72.8 112.8
106 90.8 70.8 110.8



#10
Phenol
Concen: 55.432 ng
RT: 7.010 min Scan# 650
Delta R.T. -0.000 min
Lab File: BM041267.D
Acq: 03 Aug 2023 18:23

Tgt Ion: 94 Resp: 713956
Ion Ratio Lower Upper
94 100
65 29.6 9.5 49.5
66 39.6 18.0 58.0

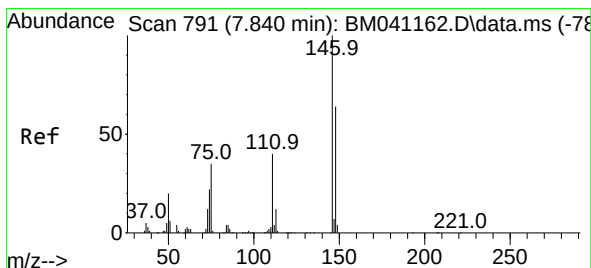
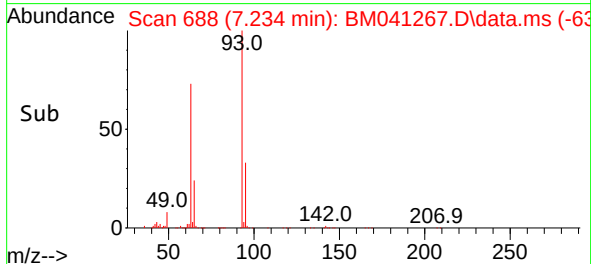
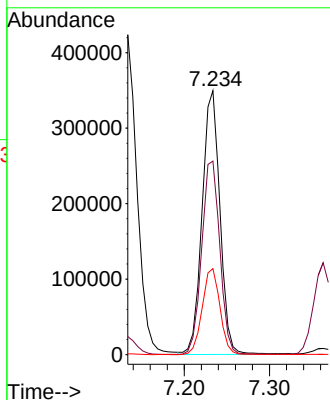
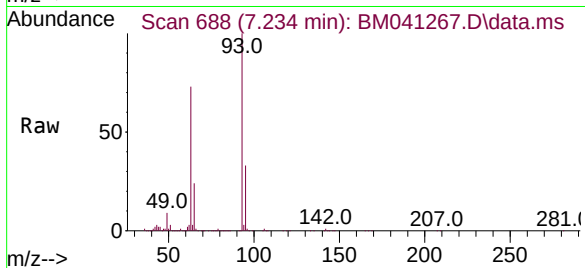




#11
bis(2-Chloroethyl)ether
Concen: 48.754 ng
RT: 7.234 min Scan# 689
Delta R.T. 0.006 min
Lab File: BM041267.D
Acq: 03 Aug 2023 18:23

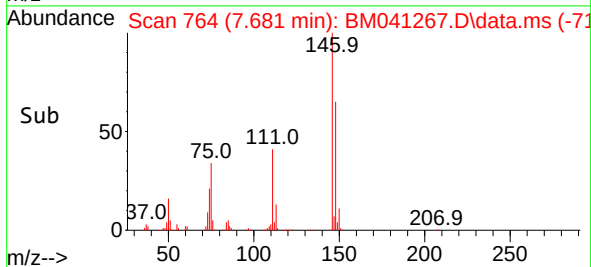
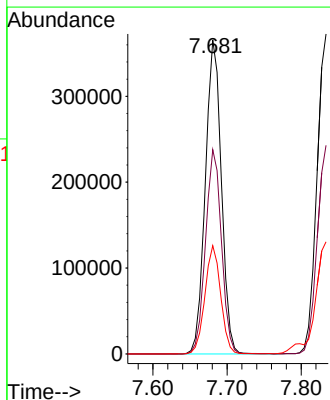
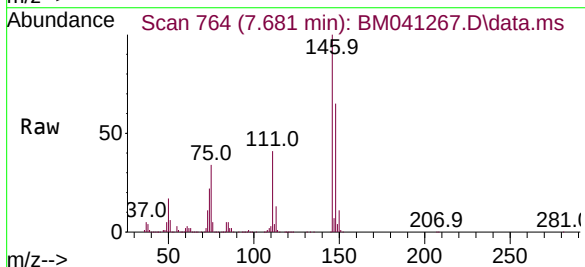
Instrument :
BNA_M
ClientSampleId :
TP-2MSD

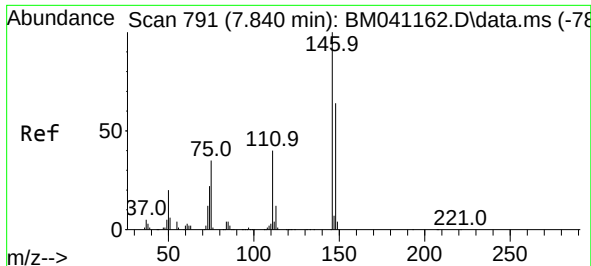
Tgt Ion: 93 Resp: 508303
Ion Ratio Lower Upper
93 100
63 73.3 58.8 98.8
95 32.6 11.8 51.8



#12
1,3-Dichlorobenzene
Concen: 50.218 ng
RT: 7.681 min Scan# 764
Delta R.T. -0.000 min
Lab File: BM041267.D
Acq: 03 Aug 2023 18:23

Tgt Ion: 146 Resp: 549010
Ion Ratio Lower Upper
146 100
148 65.1 51.9 77.9
75 34.5 28.3 42.5

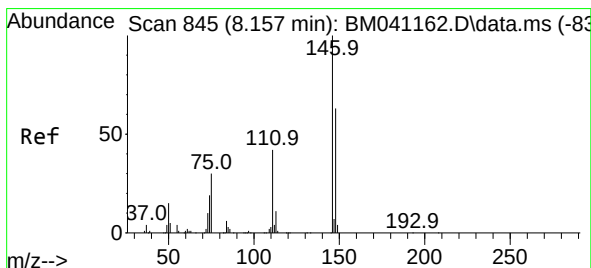
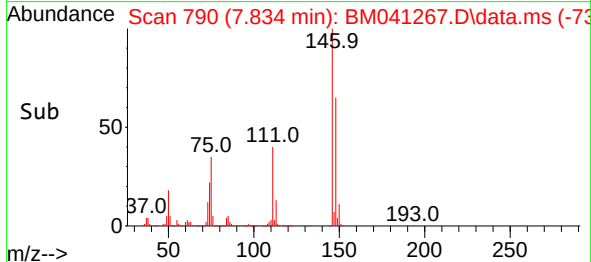
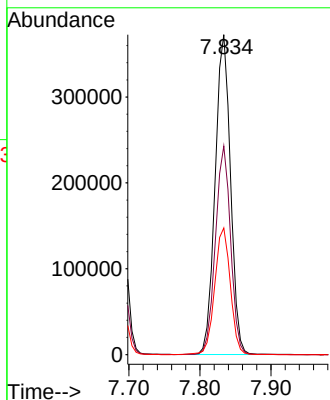
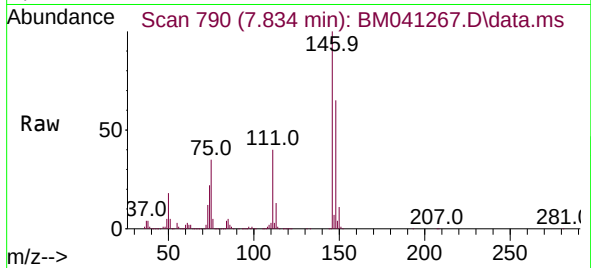




#13
1,4-Dichlorobenzene
Concen: 51.045 ng
RT: 7.834 min Scan# 791
Delta R.T. -0.000 min
Lab File: BM041267.D
Acq: 03 Aug 2023 18:23

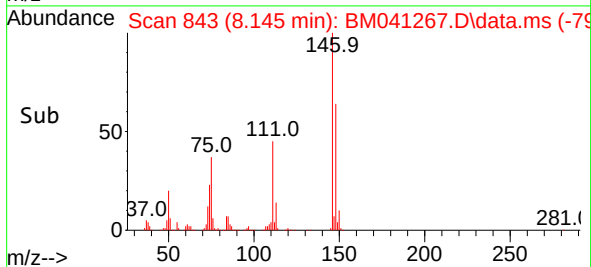
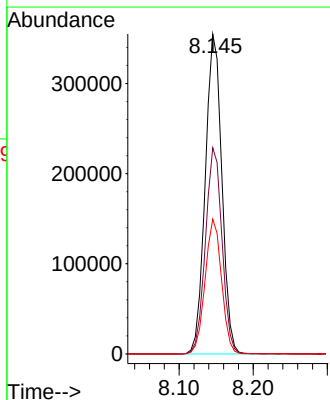
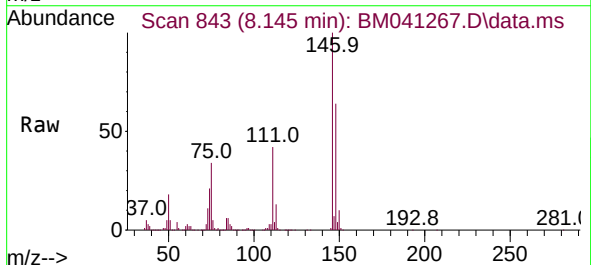
Instrument :
BNA_M
ClientSampleId :
TP-2MSD

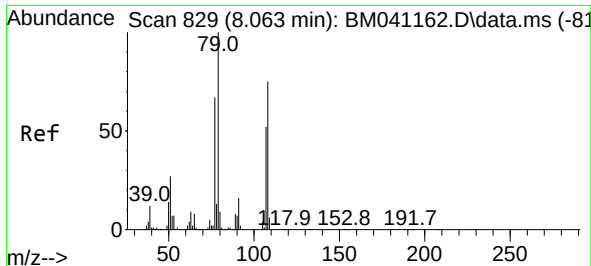
Tgt Ion:146 Resp: 560906
Ion Ratio Lower Upper
146 100
148 65.2 51.4 77.0
111 39.6 32.4 48.6



#14
1,2-Dichlorobenzene
Concen: 52.277 ng
RT: 8.145 min Scan# 843
Delta R.T. -0.000 min
Lab File: BM041267.D
Acq: 03 Aug 2023 18:23

Tgt Ion:146 Resp: 550789
Ion Ratio Lower Upper
146 100
148 64.4 50.9 76.3
111 42.2 33.8 50.6

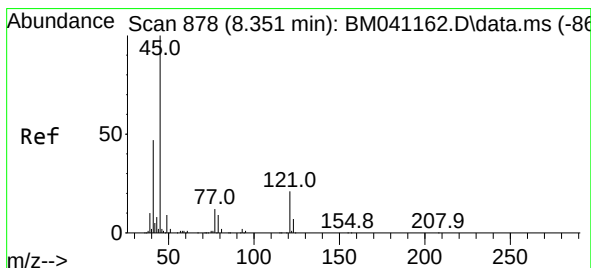
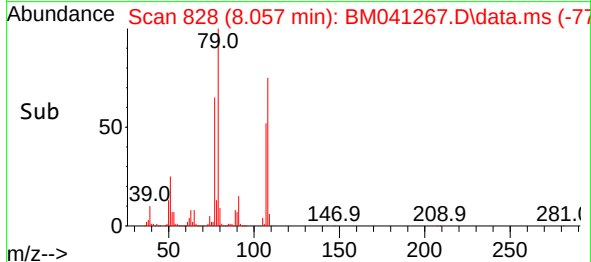
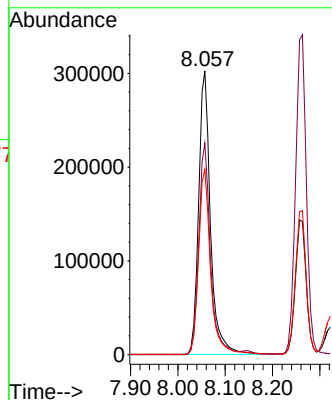
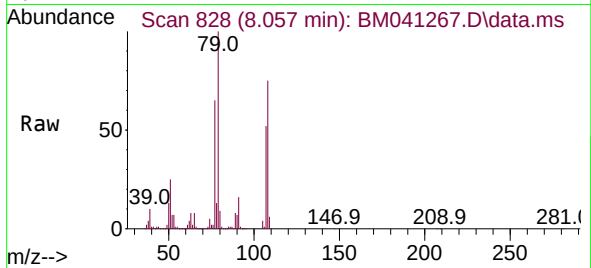




#15
Benzyl Alcohol
Concen: 62.406 ng
RT: 8.057 min Scan# 81
Delta R.T. 0.006 min
Lab File: BM041267.D
Acq: 03 Aug 2023 18:23

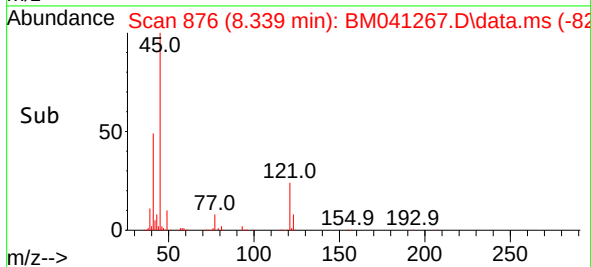
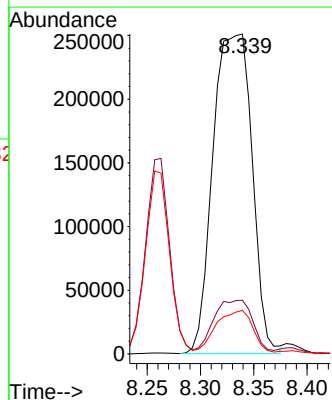
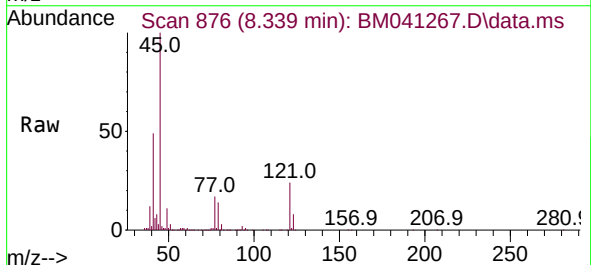
Instrument :
BNA_M
ClientSampleId :
TP-2MSD

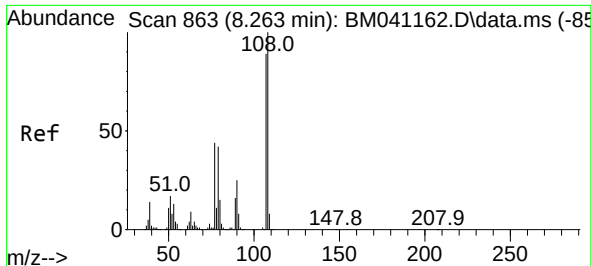
Tgt Ion: 79 Resp: 525550
Ion Ratio Lower Upper
79 100
108 74.5 59.8 89.8
77 65.3 53.8 80.6



#16
2,2'-oxybis(1-Chloropropane)
Concen: 46.053 ng
RT: 8.339 min Scan# 876
Delta R.T. 0.006 min
Lab File: BM041267.D
Acq: 03 Aug 2023 18:23

Tgt Ion: 45 Resp: 639733
Ion Ratio Lower Upper
45 100
77 16.8 0.0 34.5
79 13.6 0.0 32.1



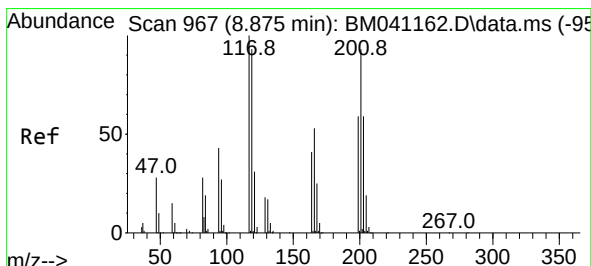
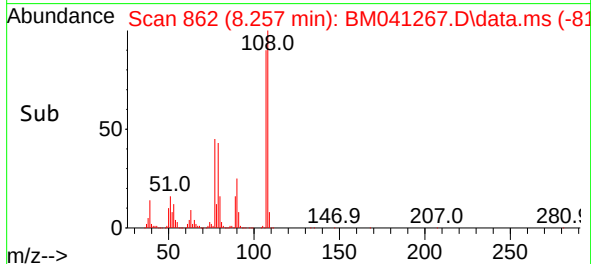
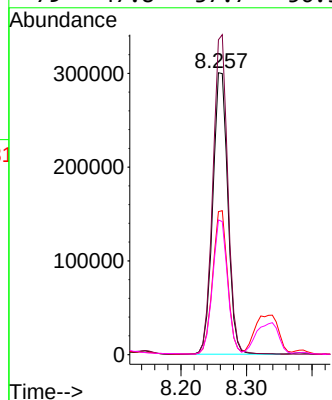
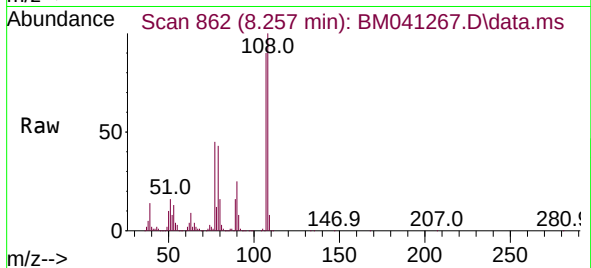


#17
2-Methylphenol
Concen: 54.580 ng
RT: 8.257 min Scan# 862
Delta R.T. -0.000 min
Lab File: BM041267.D
Acq: 03 Aug 2023 18:23

Instrument :
BNA_M
ClientSampleId :
TP-2MSD

Tgt Ion:107 Resp: 480277

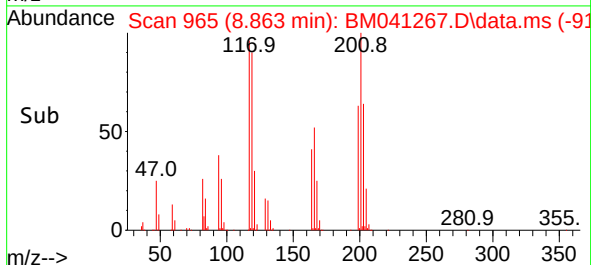
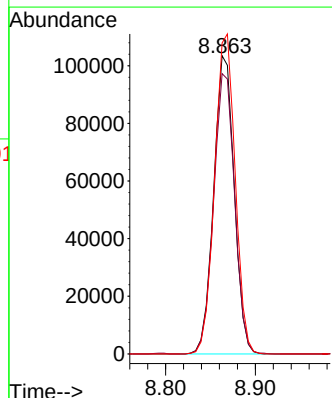
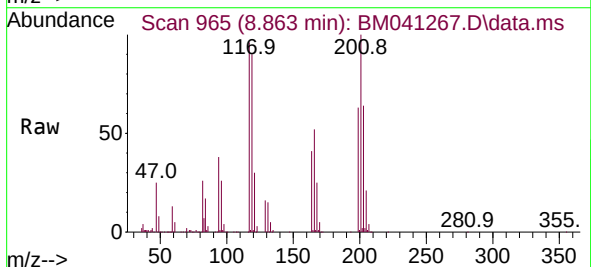
Ion	Ratio	Lower	Upper
107	100		
108	111.7	89.9	134.9
77	50.7	39.8	59.8
79	47.8	37.7	56.5

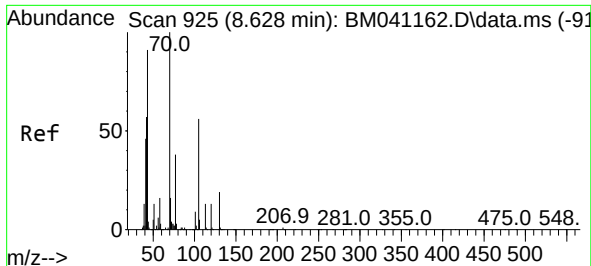


#18
Hexachloroethane
Concen: 40.381 ng
RT: 8.863 min Scan# 965
Delta R.T. -0.000 min
Lab File: BM041267.D
Acq: 03 Aug 2023 18:23

Tgt Ion:117 Resp: 165195

Ion	Ratio	Lower	Upper
117	100		
119	94.0	74.2	111.4
201	104.3	74.5	111.7

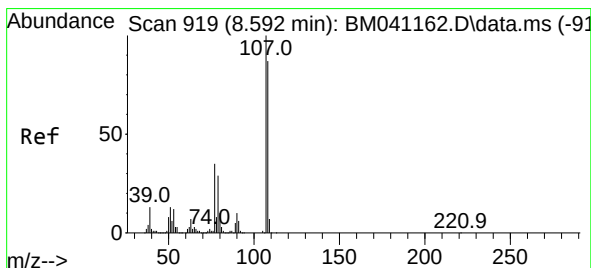
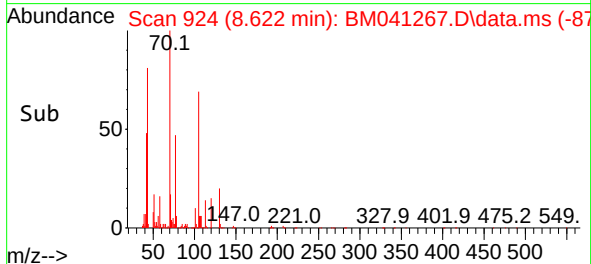
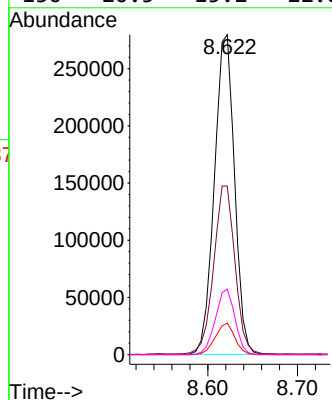
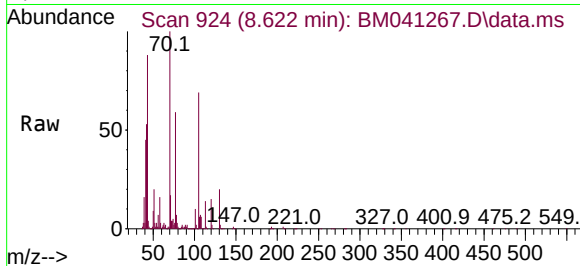




#19
n-Nitroso-di-n-propylamine
Concen: 54.151 ng
RT: 8.622 min Scan# 919
Delta R.T. 0.006 min
Lab File: BM041267.D
Acq: 03 Aug 2023 18:23

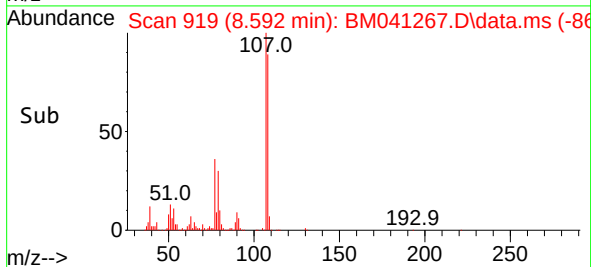
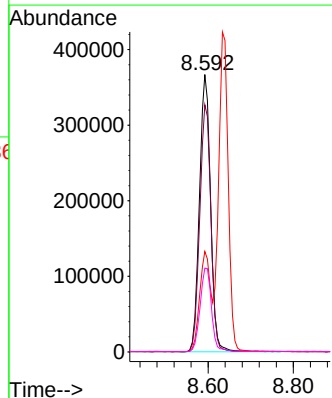
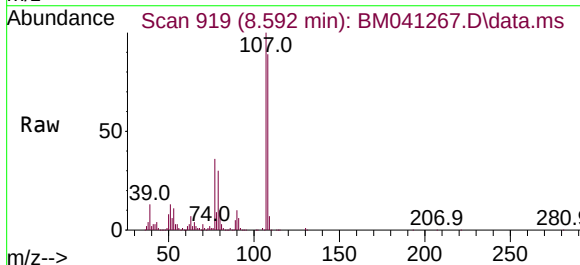
Instrument :
BNA_M
ClientSampleId :
TP-2MSD

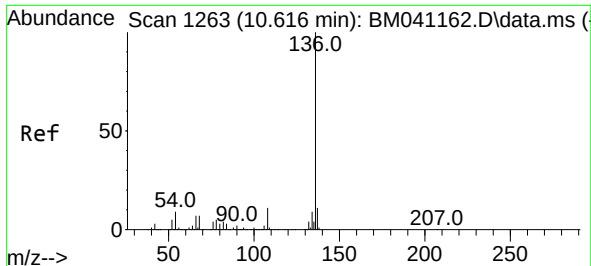
Tgt Ion:	70	Resp:	438619
Ion	Ratio	Lower	Upper
70	100		
42	52.7	45.8	68.8
101	9.8	7.4	11.0
130	20.5	15.2	22.8



#20
3+4-Methylphenols
Concen: 56.356 ng
RT: 8.592 min Scan# 919
Delta R.T. -0.000 min
Lab File: BM041267.D
Acq: 03 Aug 2023 18:23

Tgt Ion:	107	Resp:	663051
Ion	Ratio	Lower	Upper
107	100		
108	89.1	67.2	107.2
77	36.2	15.4	55.4
79	30.2	9.2	49.2

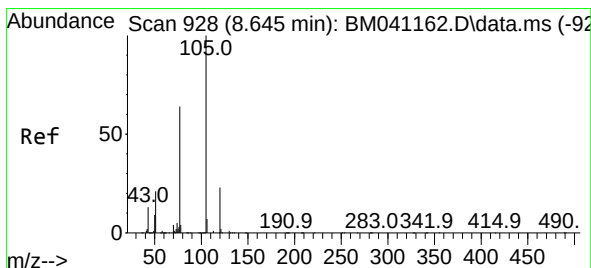
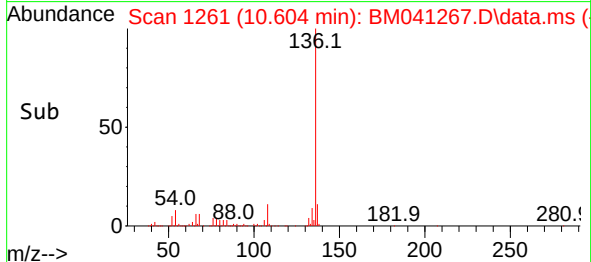
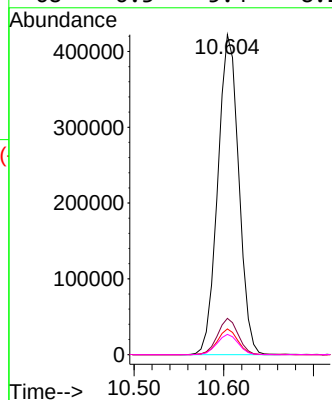
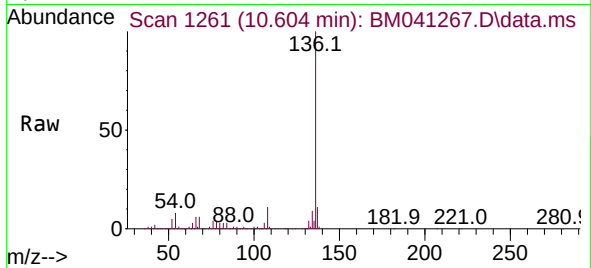




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.604 min Scan# 1261
Delta R.T. -0.000 min
Lab File: BM041267.D
Acq: 03 Aug 2023 18:23

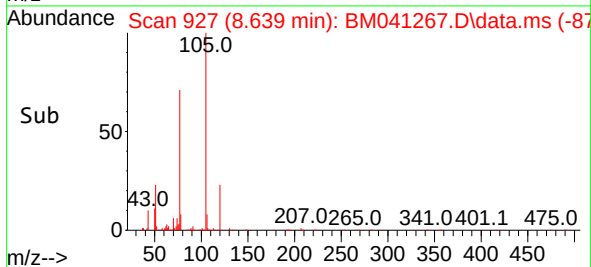
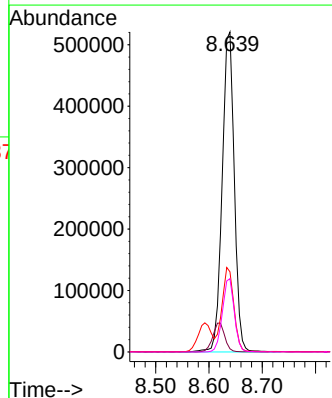
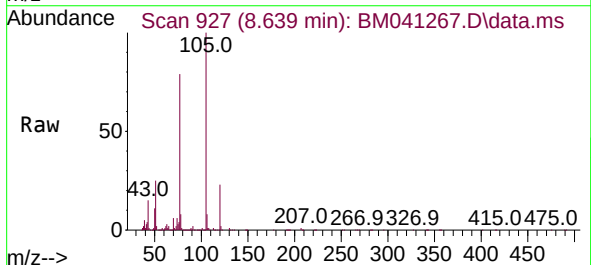
Instrument :
BNA_M
ClientSampleId :
TP-2MSD

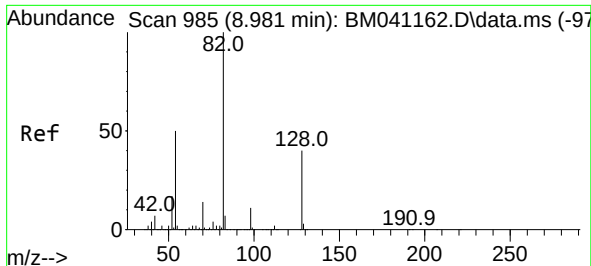
Tgt Ion:136	Resp: 689148
Ion Ratio	Lower Upper
136	100
137	11.3 8.8 13.2
54	8.0 6.9 10.3
68	6.3 5.4 8.2



#22
Acetophenone
Concen: 45.150 ng
RT: 8.639 min Scan# 927
Delta R.T. 0.006 min
Lab File: BM041267.D
Acq: 03 Aug 2023 18:23

Tgt Ion:105	Resp: 824059
Ion Ratio	Lower Upper
105	100
71	1.0 1.2 1.8
51	25.0 22.0 33.0
120	22.9 18.0 27.0

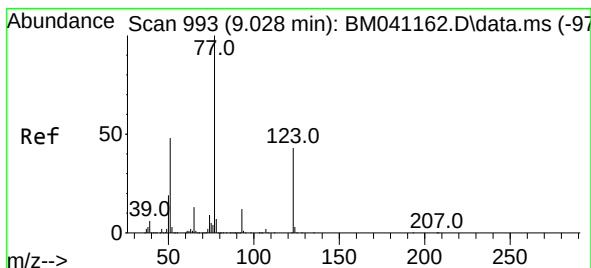
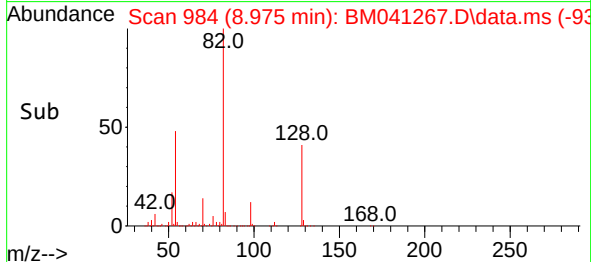
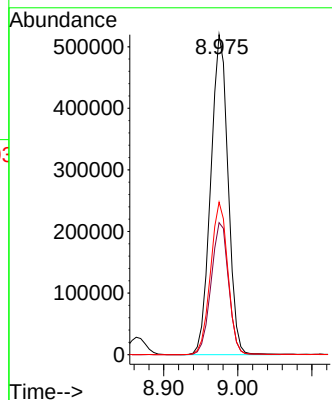
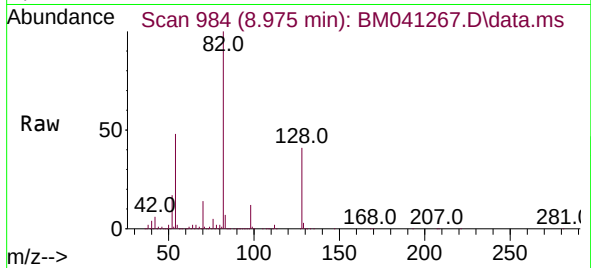




#23
Nitrobenzene-d5
Concen: 56.848 ng
RT: 8.975 min Scan# 984
Delta R.T. -0.000 min
Lab File: BM041267.D
Acq: 03 Aug 2023 18:23

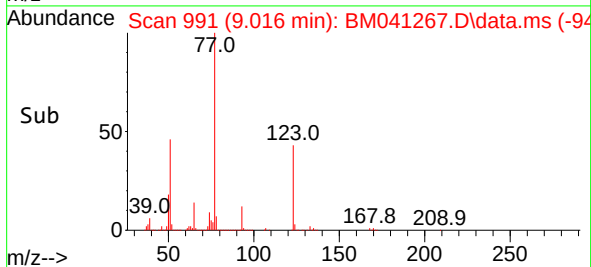
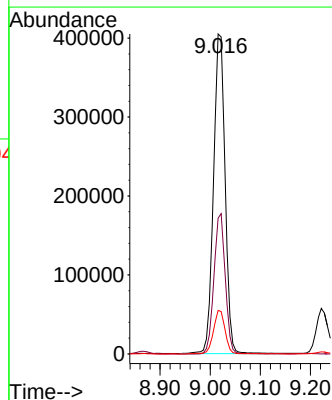
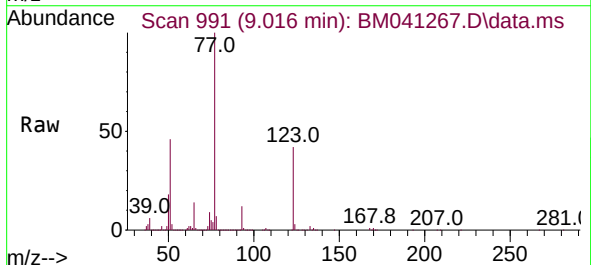
Instrument :
BNA_M
ClientSampleId :
TP-2MSD

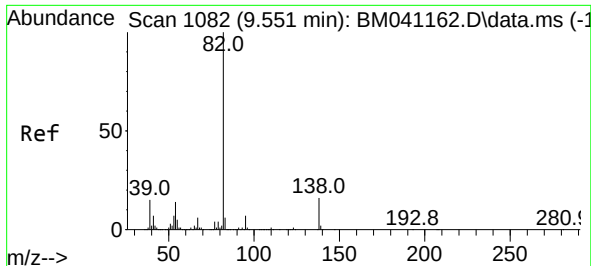
Tgt Ion: 82 Resp: 842433
Ion Ratio Lower Upper
82 100
128 41.3 31.8 47.6
54 47.6 40.1 60.1



#24
Nitrobenzene
Concen: 43.310 ng
RT: 9.016 min Scan# 991
Delta R.T. -0.000 min
Lab File: BM041267.D
Acq: 03 Aug 2023 18:23

Tgt Ion: 77 Resp: 649045
Ion Ratio Lower Upper
77 100
123 42.4 34.2 51.2
65 13.6 10.7 16.1

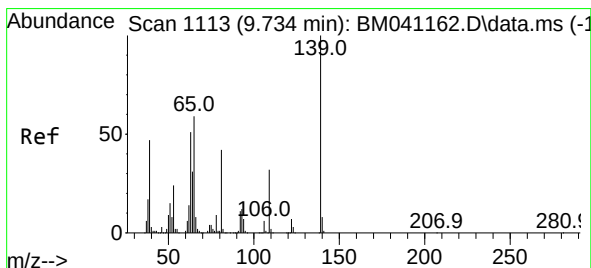
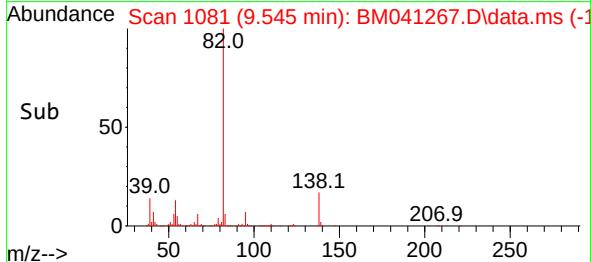
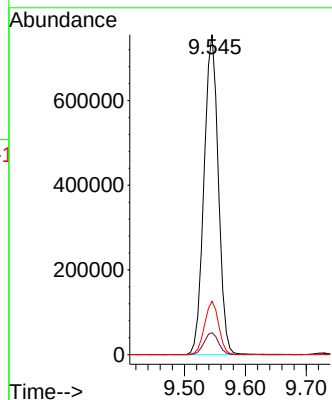
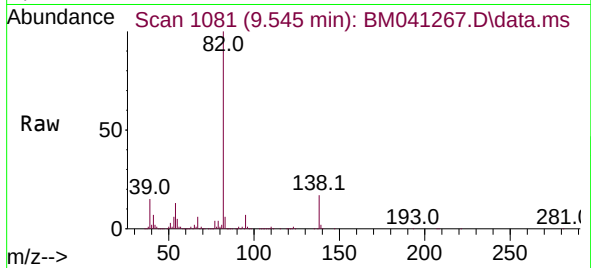




#25
Isophorone
Concen: 48.894 ng
RT: 9.545 min Scan# 1082
Delta R.T. 0.006 min
Lab File: BM041267.D
Acq: 03 Aug 2023 18:23

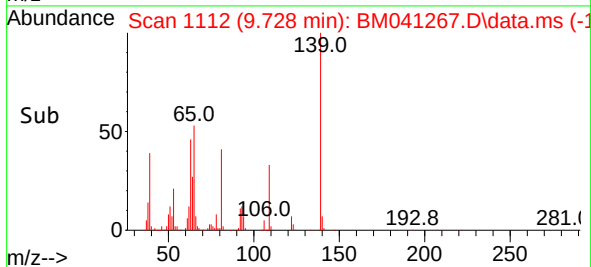
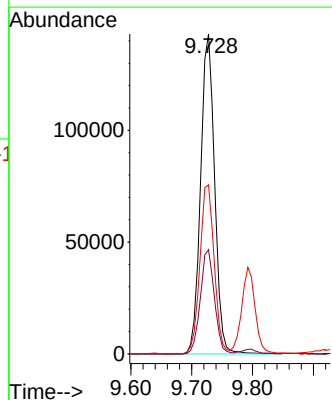
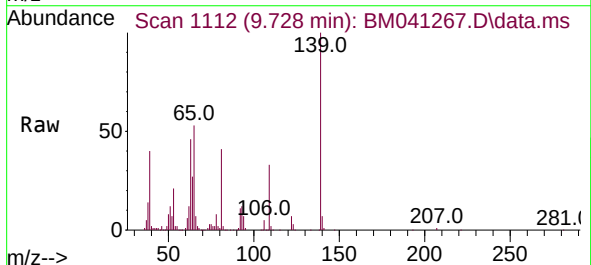
Instrument :
BNA_M
ClientSampleId :
TP-2MSD

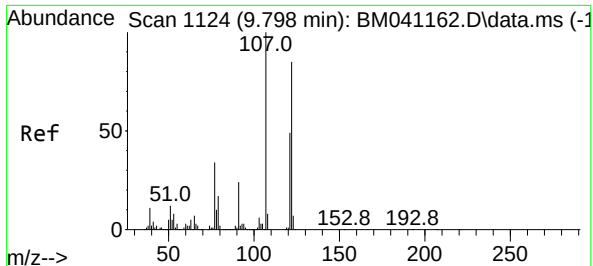
Tgt Ion: 82 Resp: 1229941
Ion Ratio Lower Upper
82 100
95 6.8 5.3 7.9
138 16.7 12.8 19.2



#26
2-Nitrophenol
Concen: 39.009 ng
RT: 9.728 min Scan# 1112
Delta R.T. 0.006 min
Lab File: BM041267.D
Acq: 03 Aug 2023 18:23

Tgt Ion: 139 Resp: 228528
Ion Ratio Lower Upper
139 100
109 32.6 25.4 38.2
65 52.8 47.2 70.8





#27

2,4-Dimethylphenol

Concen: 48.943 ng

RT: 9.792 min Scan# 1124

Delta R.T. -0.000 min

Lab File: BM041267.D

Acq: 03 Aug 2023 18:23

Instrument :

BNA_M

ClientSampleId :

TP-2MSD

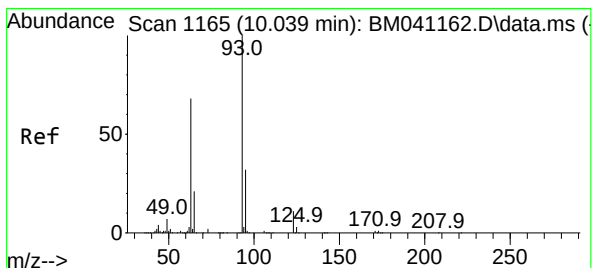
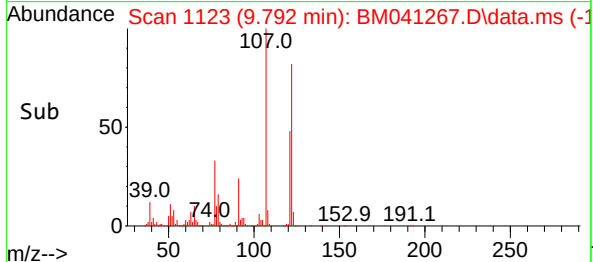
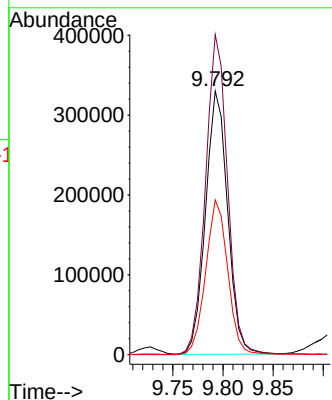
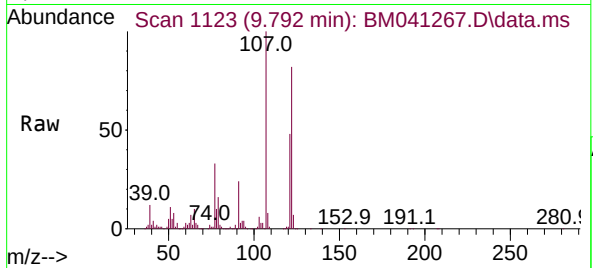
Tgt Ion:122 Resp: 504550

Ion Ratio Lower Upper

122 100

107 121.4 94.3 141.5

121 58.7 45.8 68.8



#28

bis(2-Chloroethoxy)methane

Concen: 46.066 ng

RT: 10.028 min Scan# 1163

Delta R.T. -0.000 min

Lab File: BM041267.D

Acq: 03 Aug 2023 18:23

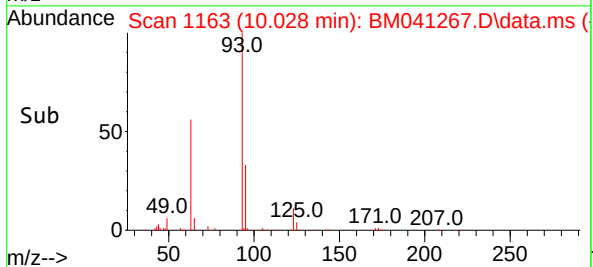
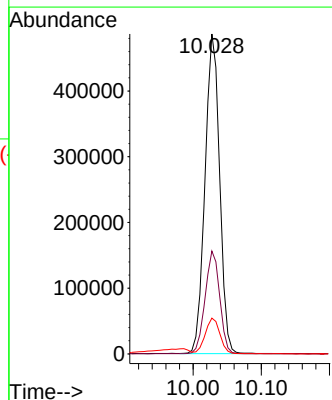
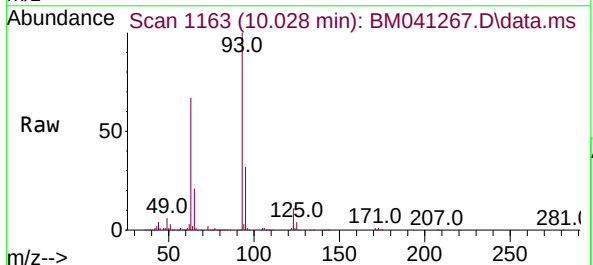
Tgt Ion: 93 Resp: 725876

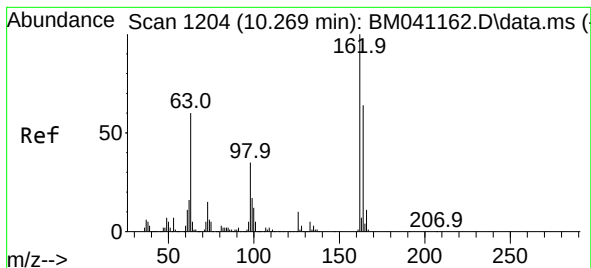
Ion Ratio Lower Upper

93 100

95 32.1 25.9 38.9

123 11.2 9.1 13.7





#29

2,4-Dichlorophenol

Concen: 55.714 ng

RT: 10.263 min Scan# 11

Delta R.T. -0.000 min

Lab File: BM041267.D

Acq: 03 Aug 2023 18:23

Instrument :

BNA_M

ClientSampleId :

TP-2MSD

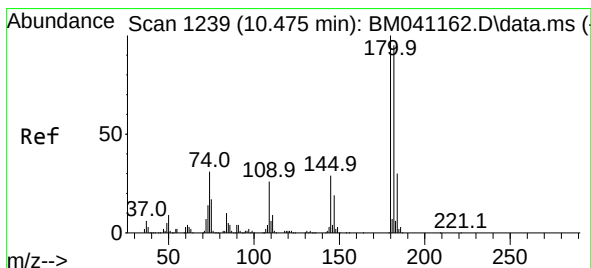
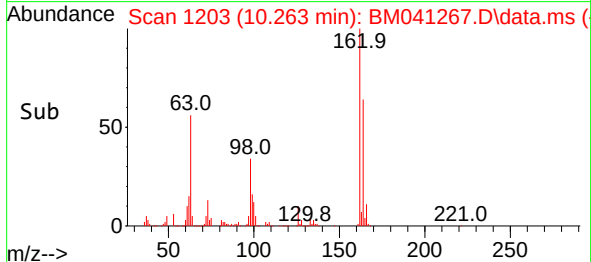
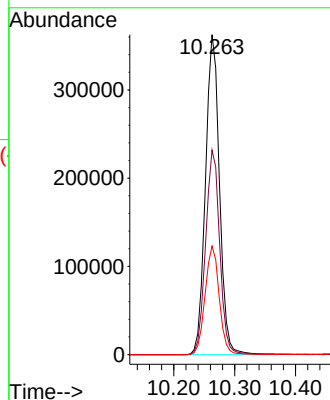
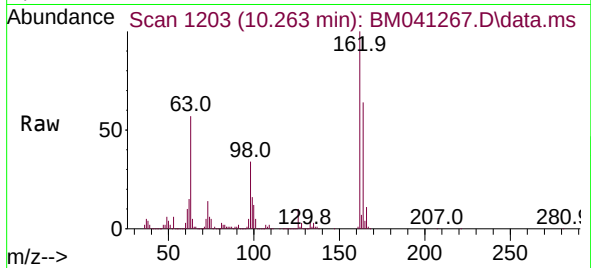
Tgt Ion:162 Resp: 579205

Ion Ratio Lower Upper

162 100

164 63.9 44.3 84.3

98 33.9 15.1 55.1



#30

1,2,4-Trichlorobenzene

Concen: 50.524 ng

RT: 10.469 min Scan# 1238

Delta R.T. -0.000 min

Lab File: BM041267.D

Acq: 03 Aug 2023 18:23

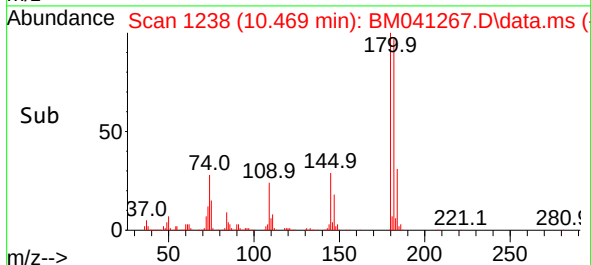
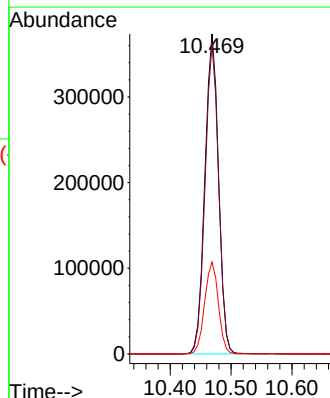
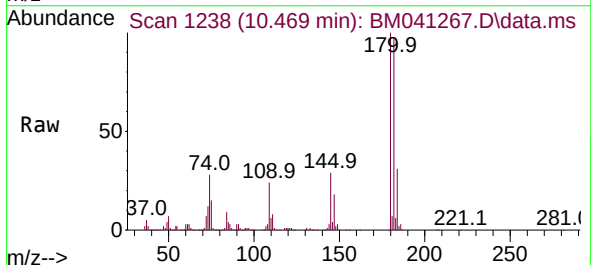
Tgt Ion:180 Resp: 580314

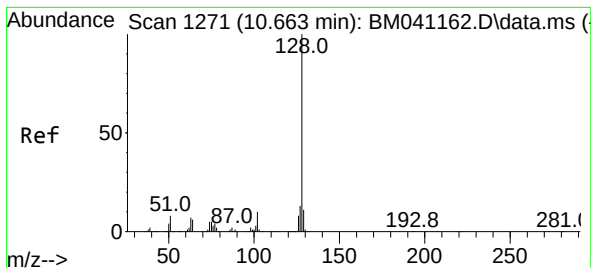
Ion Ratio Lower Upper

180 100

182 96.6 75.9 113.9

145 28.6 23.6 35.4





#31

Naphthalene

Concen: 45.544 ng

RT: 10.657 min Scan# 1156

Delta R.T. 0.006 min

Lab File: BM041267.D

Acq: 03 Aug 2023 18:23

Instrument :

BNA_M

ClientSampleId :

TP-2MSD

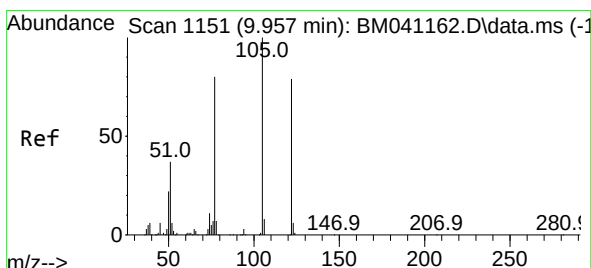
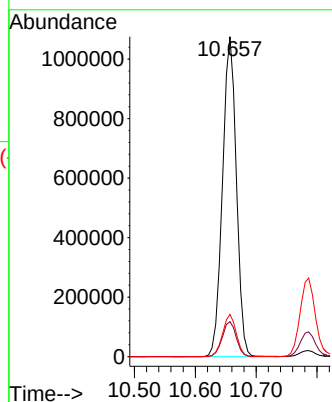
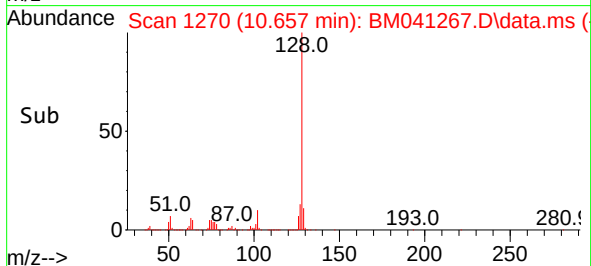
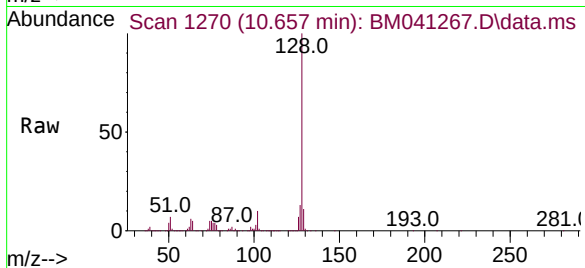
Tgt Ion:128 Resp: 1703217

Ion Ratio Lower Upper

128 100

129 10.9 9.0 13.4

127 13.2 10.5 15.7



#32

Benzoic acid

Concen: 51.786 ng

RT: 9.986 min Scan# 1156

Delta R.T. 0.029 min

Lab File: BM041267.D

Acq: 03 Aug 2023 18:23

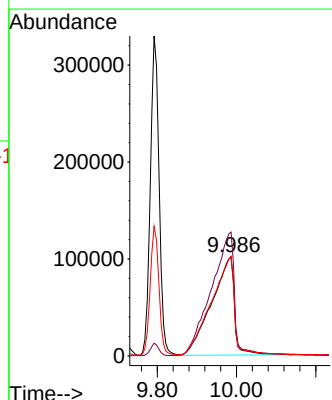
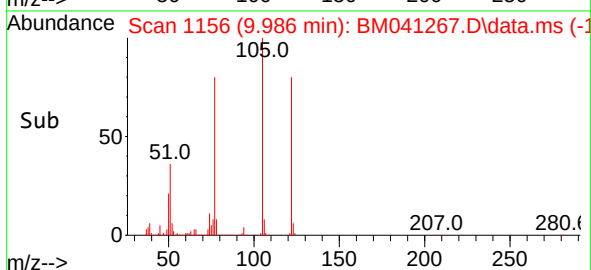
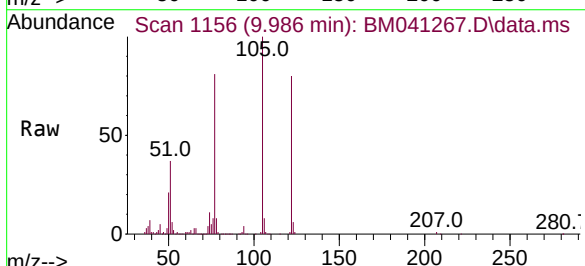
Tgt Ion:122 Resp: 406086

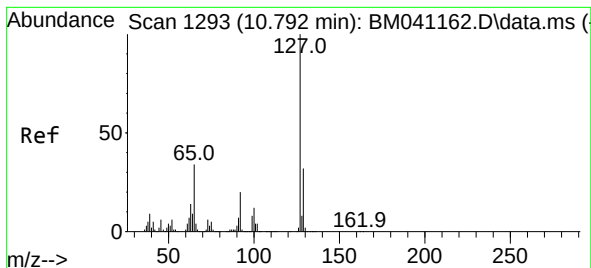
Ion Ratio Lower Upper

122 100

105 125.5 104.0 144.0

77 101.1 79.9 119.9

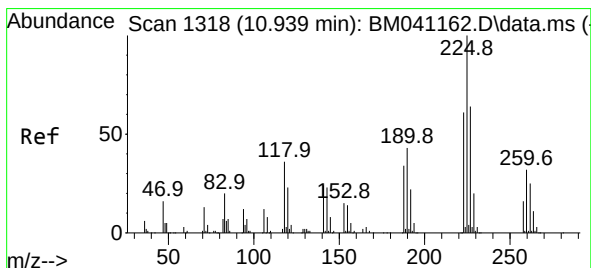
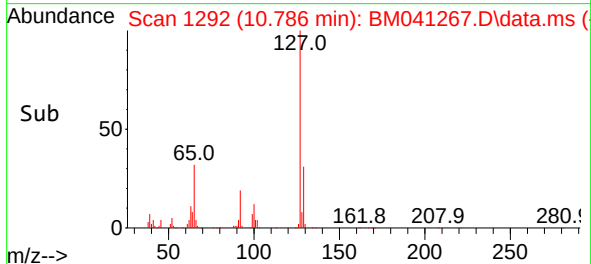
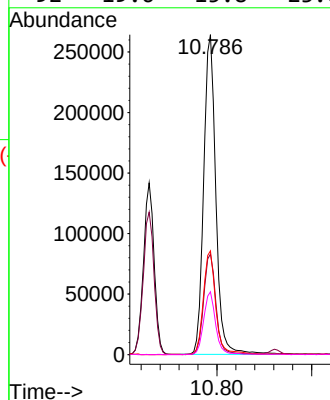
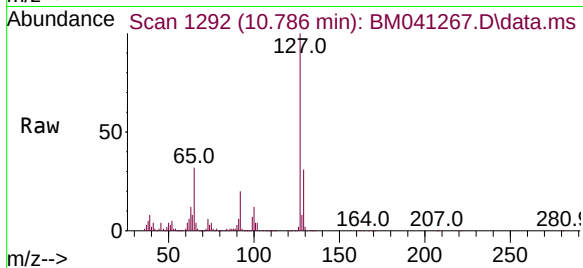




#33
4-Chloroaniline
Concen: 31.524 ng
RT: 10.786 min Scan# 11
Delta R.T. 0.006 min
Lab File: BM041267.D
Acq: 03 Aug 2023 18:23

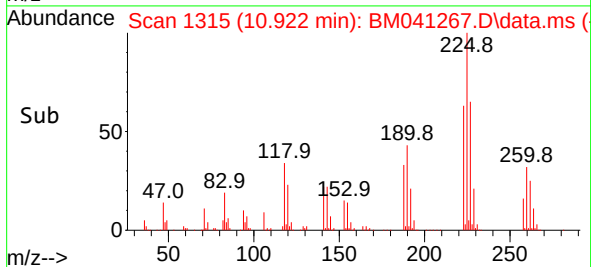
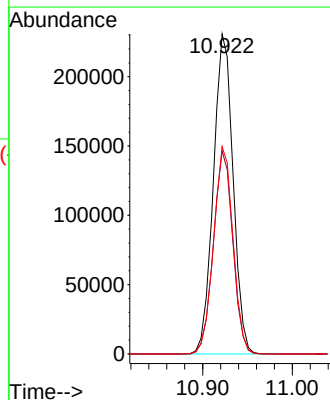
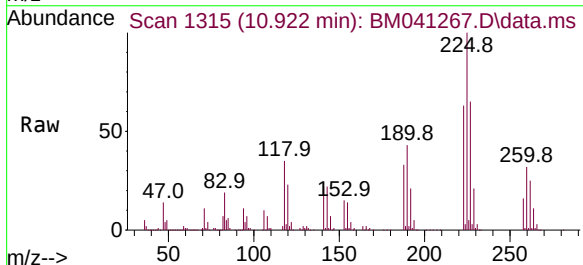
Instrument :
BNA_M
ClientSampleId :
TP-2MSD

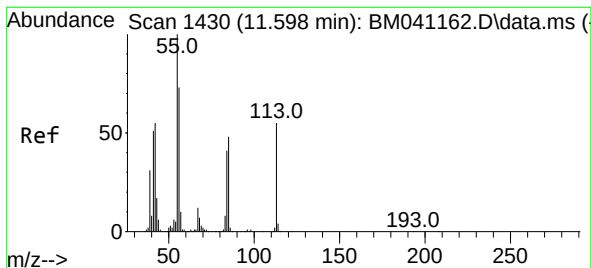
Tgt Ion:	127	Resp:	471132
Ion	Ratio	Lower	Upper
127	100		
129	31.4	25.9	38.9
65	32.4	26.9	40.3
92	19.6	15.8	23.6



#34
Hexachlorobutadiene
Concen: 51.156 ng
RT: 10.922 min Scan# 1315
Delta R.T. -0.000 min
Lab File: BM041267.D
Acq: 03 Aug 2023 18:23

Tgt Ion:	225	Resp:	353382
Ion	Ratio	Lower	Upper
225	100		
223	63.4	49.0	73.4
227	64.8	50.8	76.2

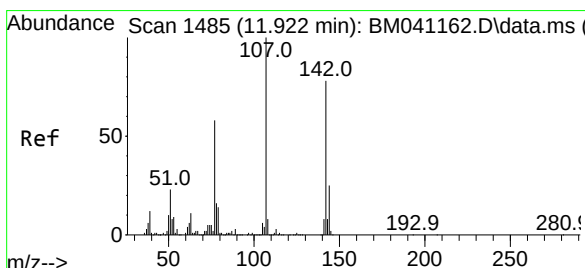
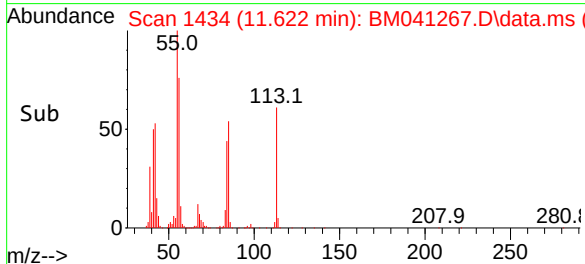
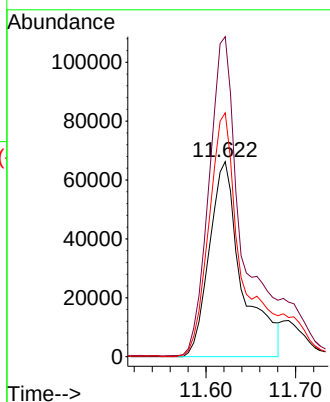
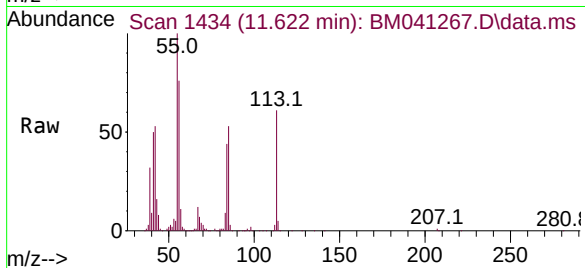




#35
Caprolactam
Concen: 55.993 ng
RT: 11.622 min Scan# 1430
Delta R.T. 0.023 min
Lab File: BM041267.D
Acq: 03 Aug 2023 18:23

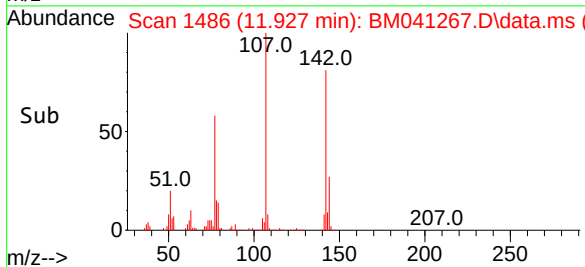
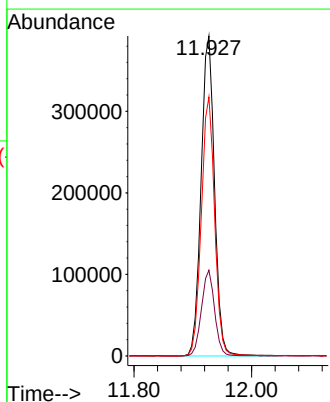
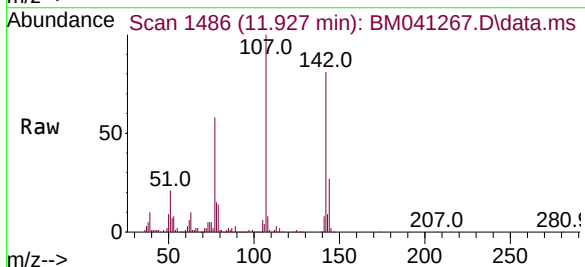
Instrument :
BNA_M
ClientSampleId :
TP-2MSD

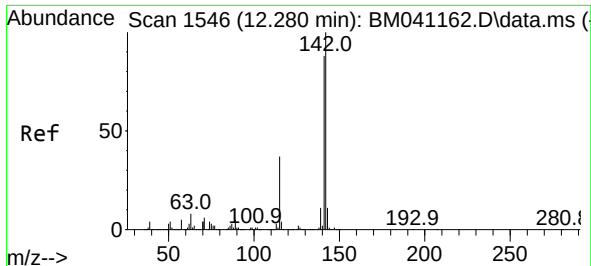
Tgt Ion:113 Resp: 168390
Ion Ratio Lower Upper
113 100
55 164.1 162.5 202.5
56 125.0 114.1 154.1



#36
4-Chloro-3-methylphenol
Concen: 56.858 ng
RT: 11.927 min Scan# 1486
Delta R.T. 0.006 min
Lab File: BM041267.D
Acq: 03 Aug 2023 18:23

Tgt Ion:107 Resp: 622139
Ion Ratio Lower Upper
107 100
144 26.8 20.1 30.1
142 80.9 62.2 93.4

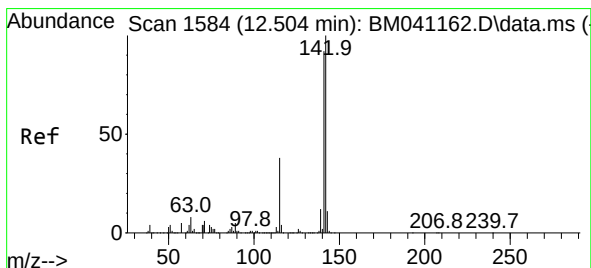
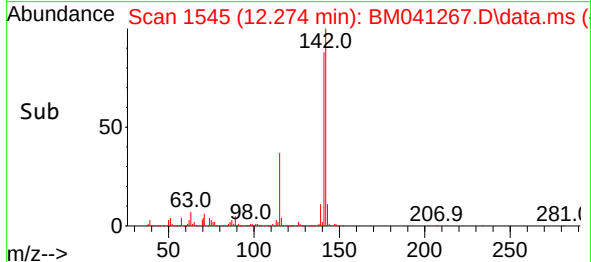
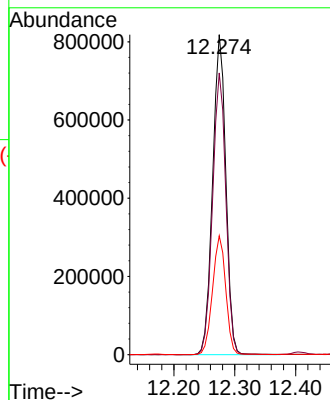
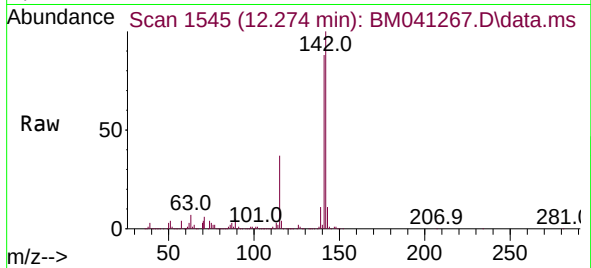




#37
2-Methylnaphthalene
Concen: 48.910 ng
RT: 12.274 min Scan# 1545
Delta R.T. -0.000 min
Lab File: BM041267.D
Acq: 03 Aug 2023 18:23

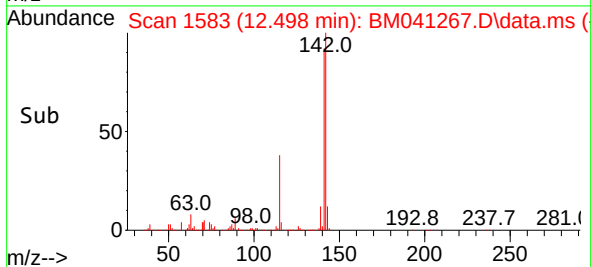
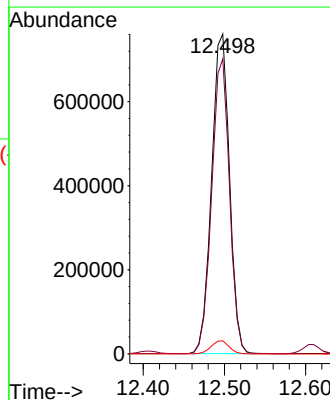
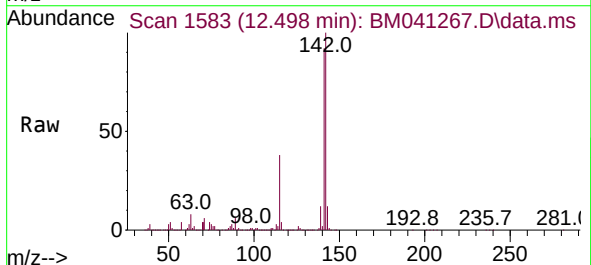
Instrument :
BNA_M
ClientSampleId :
TP-2MSD

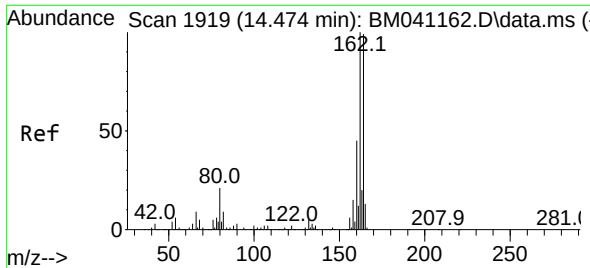
Tgt Ion:142 Resp: 1233138
Ion Ratio Lower Upper
142 100
141 88.0 70.7 106.1
115 37.2 29.3 43.9



#38
1-Methylnaphthalene
Concen: 49.369 ng
RT: 12.498 min Scan# 1583
Delta R.T. 0.006 min
Lab File: BM041267.D
Acq: 03 Aug 2023 18:23

Tgt Ion:142 Resp: 1164980
Ion Ratio Lower Upper
142 100
141 92.2 73.4 110.2
116 4.1 3.2 4.8

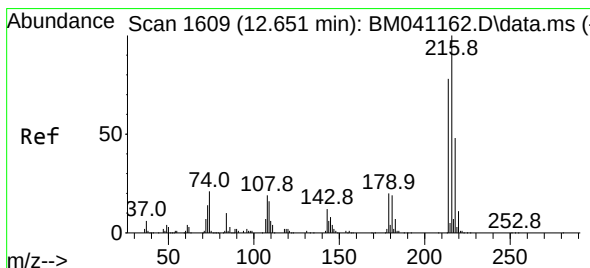
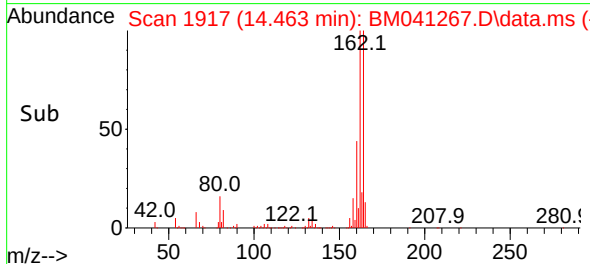
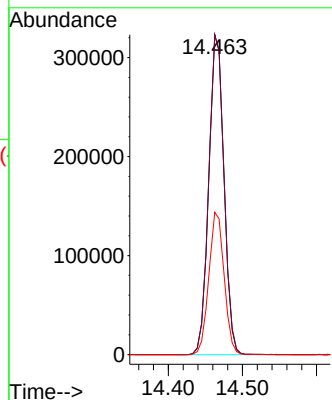
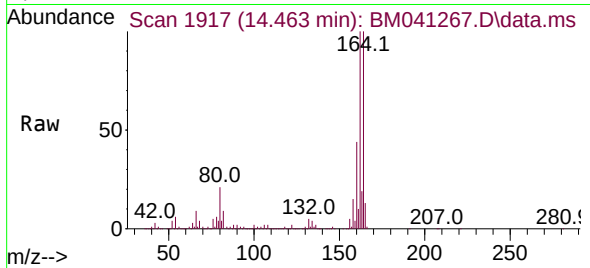




#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.463 min Scan# 1917
 Delta R.T. -0.000 min
 Lab File: BM041267.D
 Acq: 03 Aug 2023 18:23

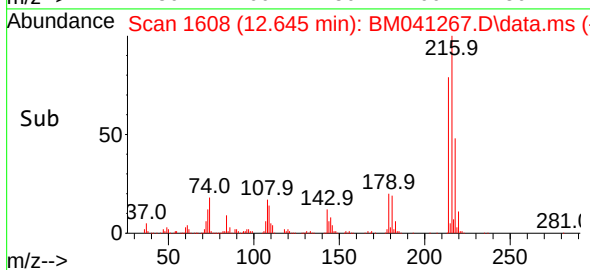
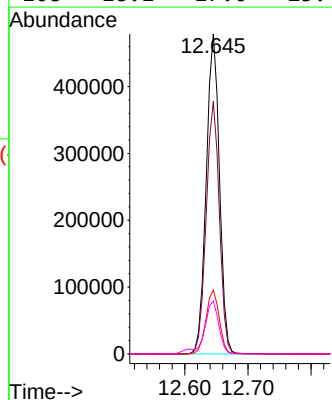
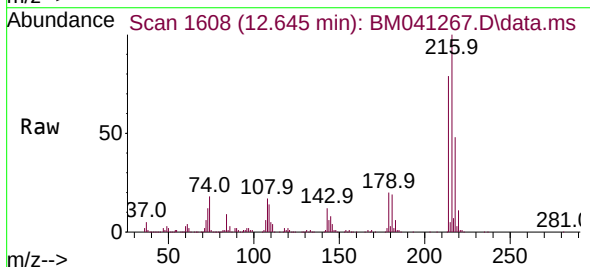
Instrument :
 BNA_M
 ClientSampleId :
 TP-2MSD

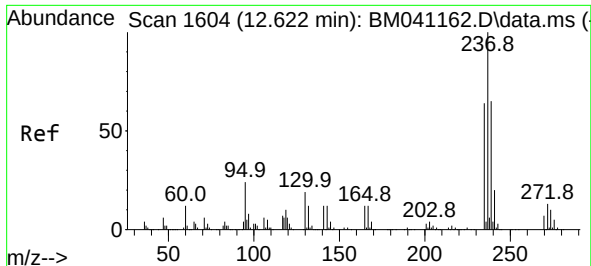
Tgt Ion:164 Resp: 458737
 Ion Ratio Lower Upper
 164 100
 162 100.1 80.4 120.6
 160 44.5 36.2 54.2



#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 46.645 ng
 RT: 12.645 min Scan# 1608
 Delta R.T. -0.000 min
 Lab File: BM041267.D
 Acq: 03 Aug 2023 18:23

Tgt Ion:216 Resp: 694814
 Ion Ratio Lower Upper
 216 100
 214 78.7 63.2 94.8
 179 20.0 16.2 24.2
 108 18.1 17.0 25.4

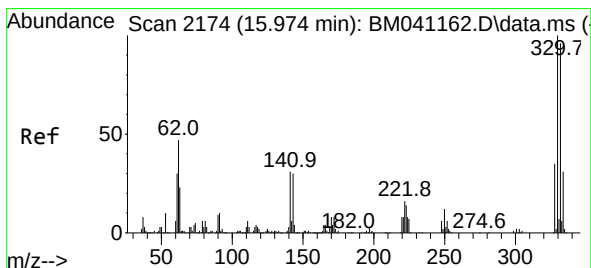
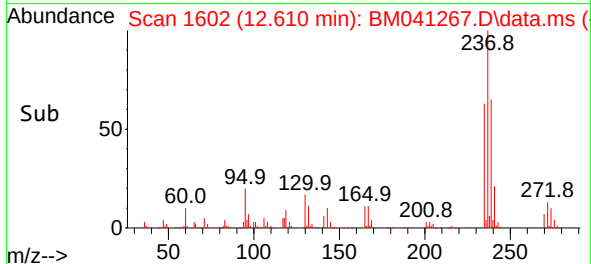
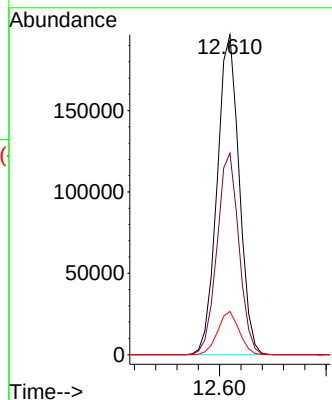
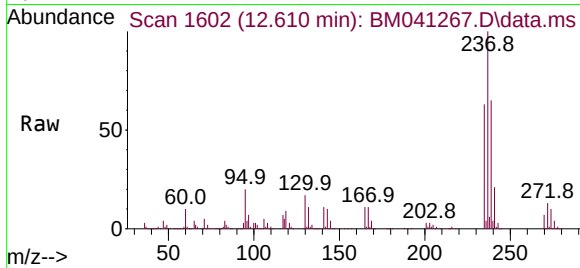




#41
Hexachlorocyclopentadiene
Concen: 35.905 ng
RT: 12.610 min Scan# 1602
Delta R.T. 0.006 min
Lab File: BM041267.D
Acq: 03 Aug 2023 18:23

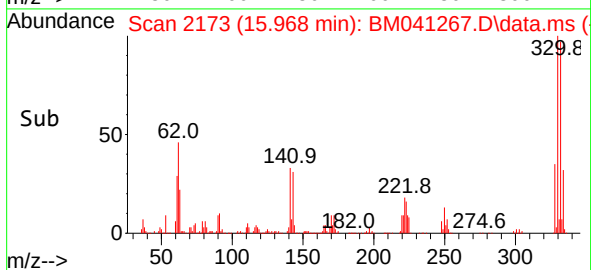
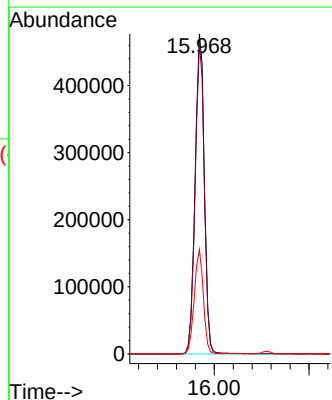
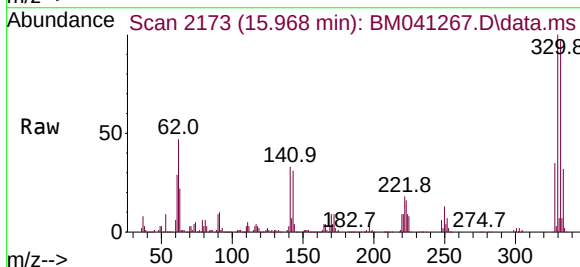
Instrument :
BNA_M
ClientSampleId :
TP-2MSD

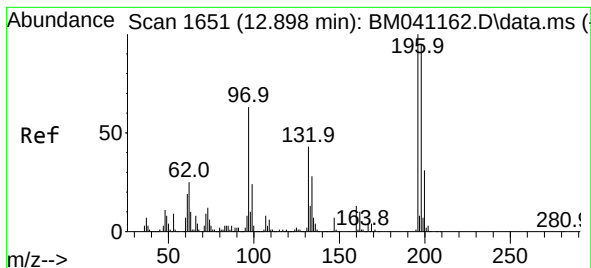
Tgt Ion:237 Resp: 282948
Ion Ratio Lower Upper
237 100
235 63.0 43.6 83.6
272 13.5 0.0 33.3



#42
2,4,6-Tribromophenol
Concen: 99.412 ng
RT: 15.968 min Scan# 2173
Delta R.T. -0.000 min
Lab File: BM041267.D
Acq: 03 Aug 2023 18:23

Tgt Ion:330 Resp: 645047
Ion Ratio Lower Upper
330 100
332 96.2 77.7 116.5
141 32.4 28.3 42.5





#43

2,4,6-Trichlorophenol

Concen: 52.412 ng

RT: 12.898 min Scan# 1651

Delta R.T. -0.000 min

Lab File: BM041267.D

Acq: 03 Aug 2023 18:23

Instrument :

BNA_M

ClientSampleId :

TP-2MSD

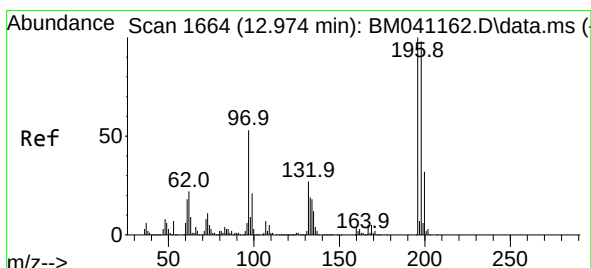
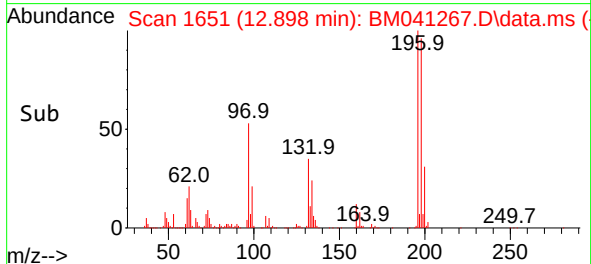
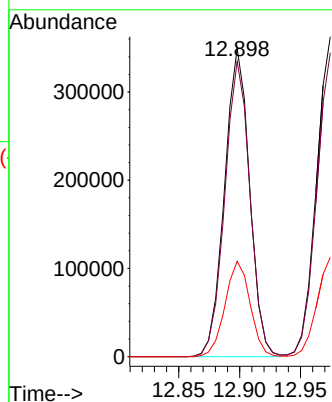
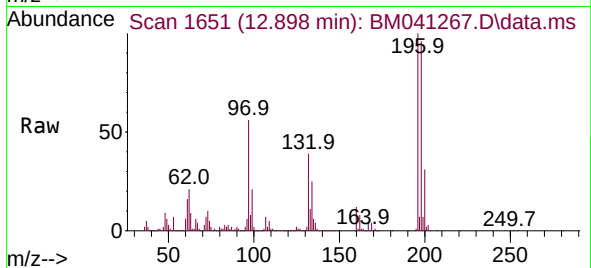
Tgt Ion:196 Resp: 500388

Ion Ratio Lower Upper

196 100

198 95.7 76.2 114.4

200 30.9 24.6 36.8



#44

2,4,5-Trichlorophenol

Concen: 48.939 ng

RT: 12.974 min Scan# 1664

Delta R.T. -0.000 min

Lab File: BM041267.D

Acq: 03 Aug 2023 18:23

Tgt Ion:196 Resp: 540787

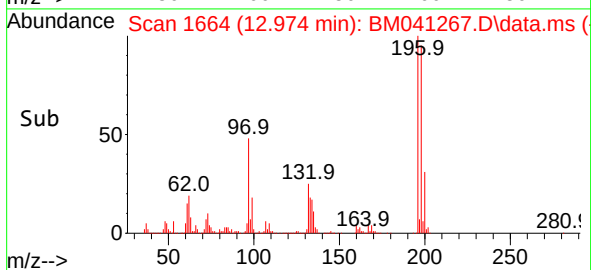
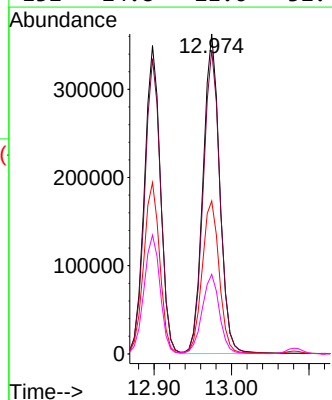
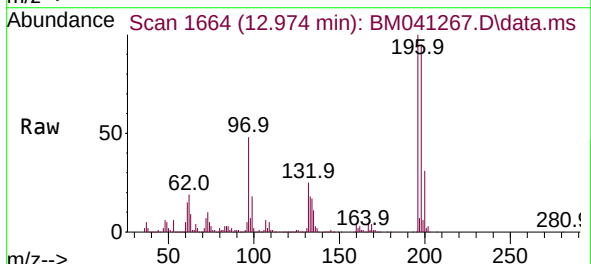
Ion Ratio Lower Upper

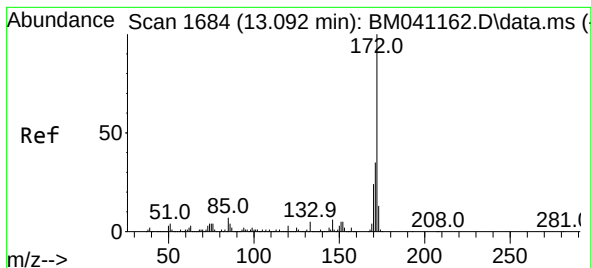
196 100

198 95.0 78.2 117.4

97 47.8 42.7 64.1

132 24.8 21.6 32.4





#45

2-Fluorobiphenyl

Concen: 55.139 ng

RT: 13.080 min Scan# 1682

Delta R.T. -0.000 min

Lab File: BM041267.D

Acq: 03 Aug 2023 18:23

Instrument :

BNA_M

ClientSampleId :

TP-2MSD

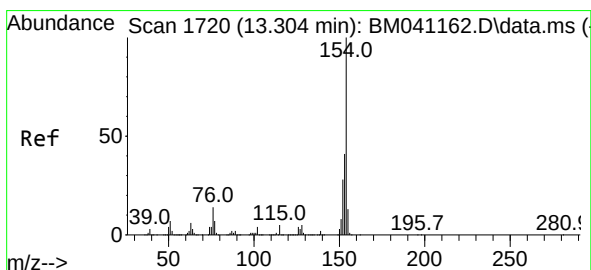
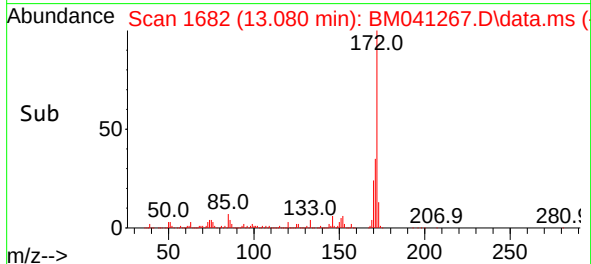
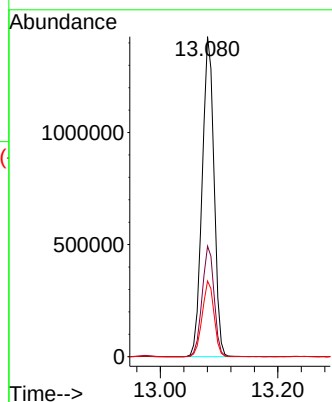
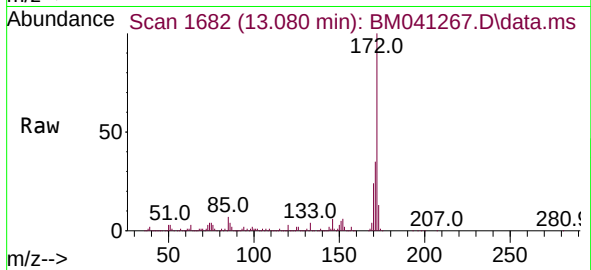
Tgt Ion:172 Resp: 2002329

Ion Ratio Lower Upper

172 100

171 34.5 28.1 42.1

170 23.6 18.9 28.3



#46

1,1'-Biphenyl

Concen: 44.201 ng

RT: 13.298 min Scan# 1719

Delta R.T. 0.006 min

Lab File: BM041267.D

Acq: 03 Aug 2023 18:23

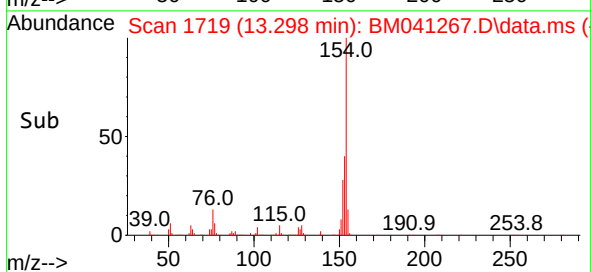
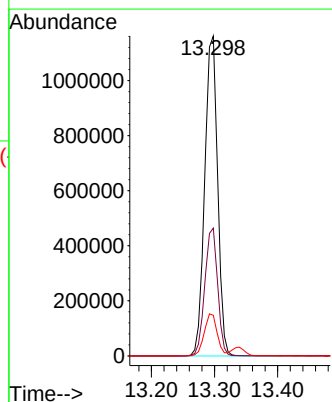
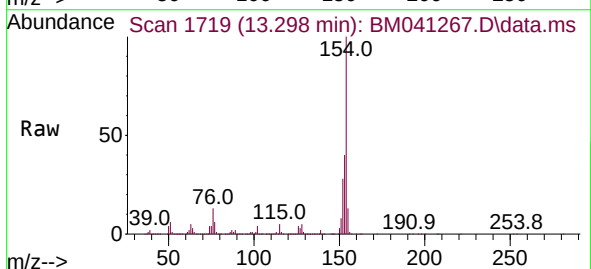
Tgt Ion:154 Resp: 1643793

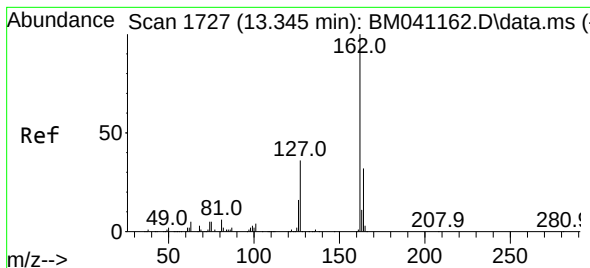
Ion Ratio Lower Upper

154 100

153 39.9 20.5 60.5

76 12.7 0.0 34.1

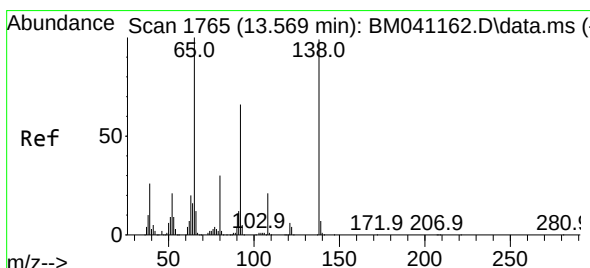
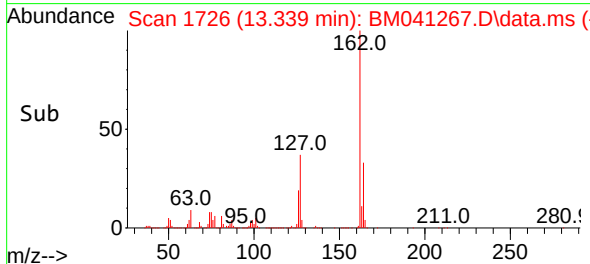
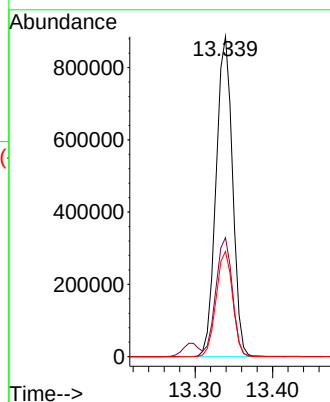
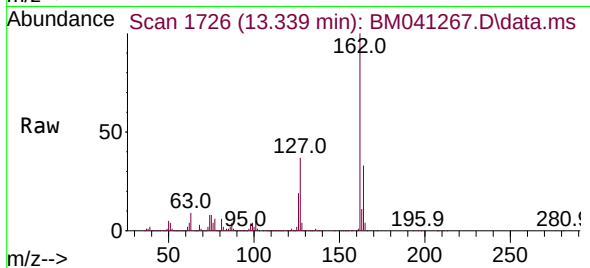




#47
2-Chloronaphthalene
Concen: 47.059 ng
RT: 13.339 min Scan# 1726
Delta R.T. 0.006 min
Lab File: BM041267.D
Acq: 03 Aug 2023 18:23

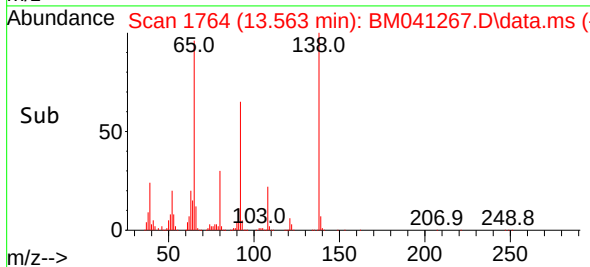
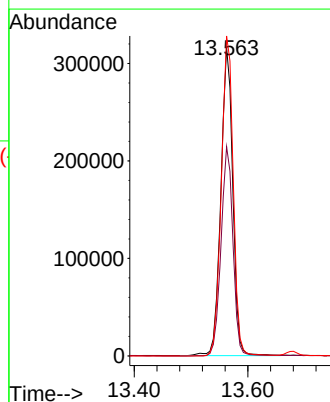
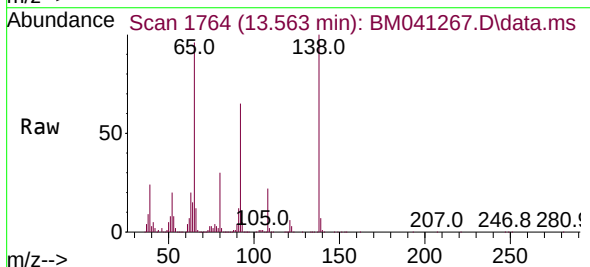
Instrument :
BNA_M
ClientSampleId :
TP-2MSD

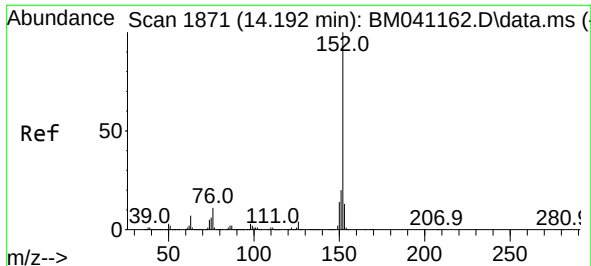
Tgt Ion:162 Resp: 1306729
Ion Ratio Lower Upper
162 100
127 37.2 30.6 45.8
164 32.9 25.6 38.4



#48
2-Nitroaniline
Concen: 51.830 ng
RT: 13.563 min Scan# 1764
Delta R.T. 0.006 min
Lab File: BM041267.D
Acq: 03 Aug 2023 18:23

Tgt Ion: 65 Resp: 459400
Ion Ratio Lower Upper
65 100
92 67.8 53.0 79.4
138 103.7 79.1 118.7

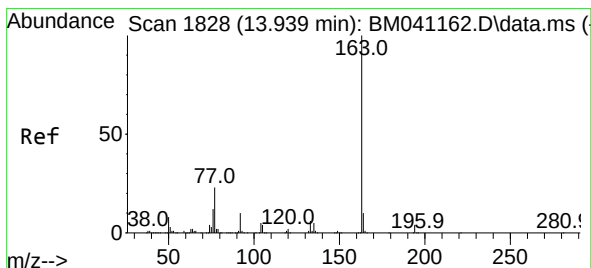
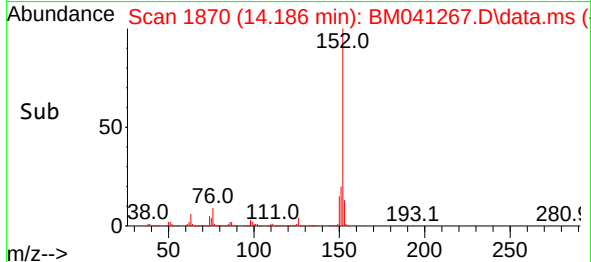
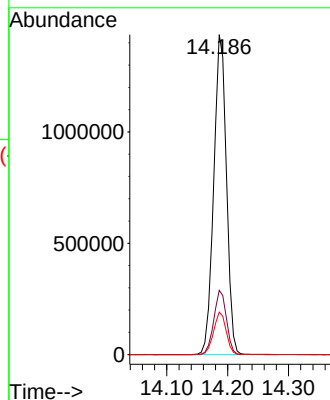
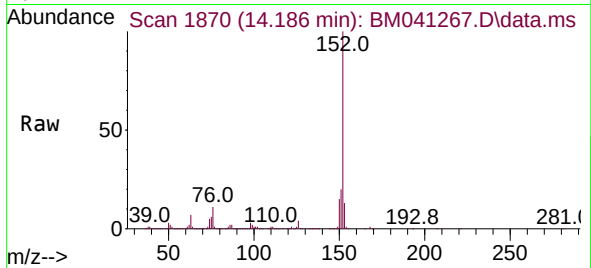




#49
Acenaphthylene
Concen: 46.434 ng
RT: 14.186 min Scan# 1871
Delta R.T. -0.000 min
Lab File: BM041267.D
Acq: 03 Aug 2023 18:23

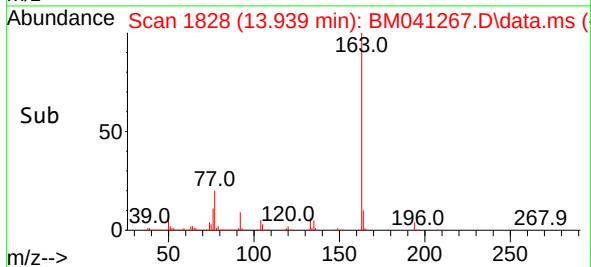
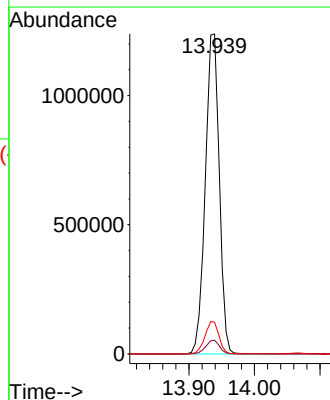
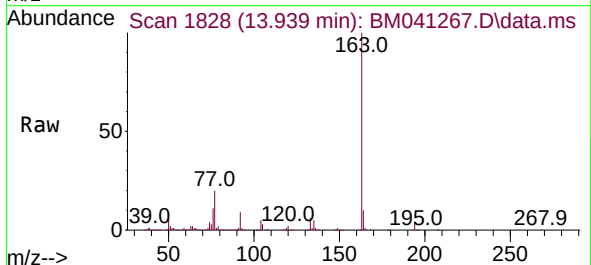
Instrument :
BNA_M
ClientSampleId :
TP-2MSD

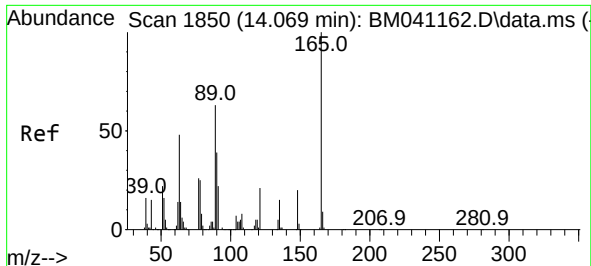
Tgt Ion:152 Resp: 2081166
Ion Ratio Lower Upper
152 100
151 20.1 16.1 24.1
153 13.3 10.5 15.7



#50
Dimethylphthalate
Concen: 52.858 ng
RT: 13.939 min Scan# 1828
Delta R.T. 0.006 min
Lab File: BM041267.D
Acq: 03 Aug 2023 18:23

Tgt Ion:163 Resp: 1823972
Ion Ratio Lower Upper
163 100
194 4.3 3.3 4.9
164 9.9 8.3 12.5

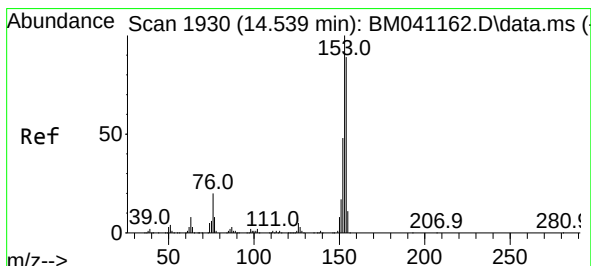
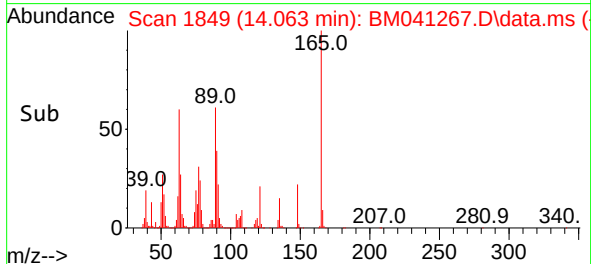
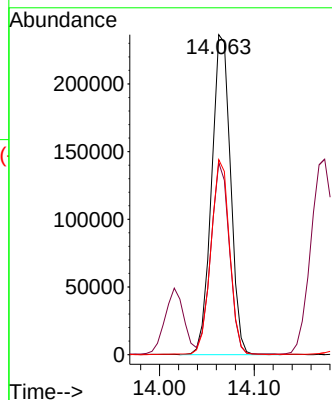
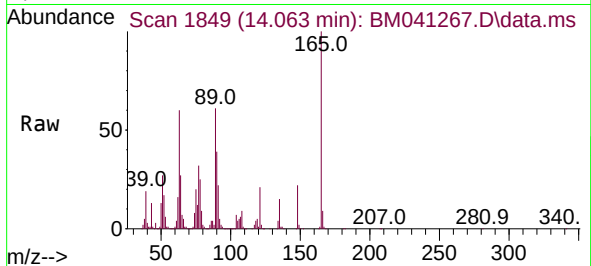




#51
2,6-Dinitrotoluene
Concen: 45.990 ng
RT: 14.063 min Scan# 1850
Delta R.T. -0.000 min
Lab File: BM041267.D
Acq: 03 Aug 2023 18:23

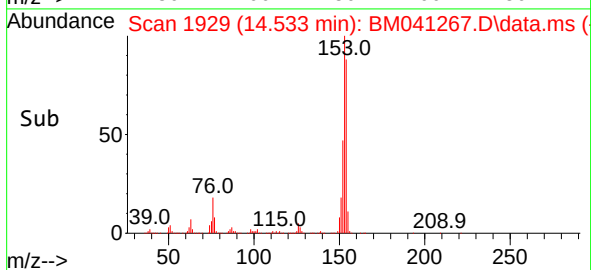
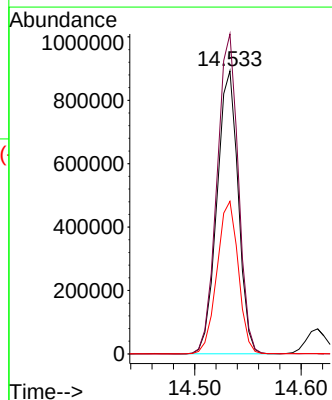
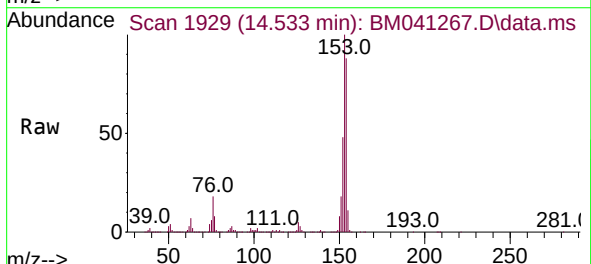
Instrument :
BNA_M
ClientSampleId :
TP-2MSD

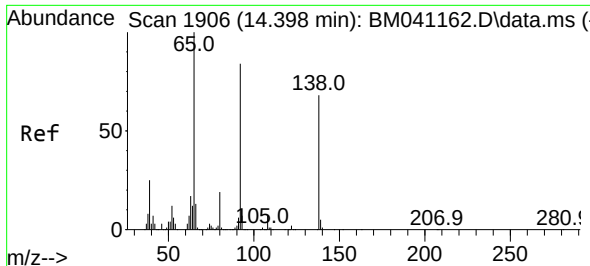
Tgt Ion:165 Resp: 328822
Ion Ratio Lower Upper
165 100
63 60.0 50.9 76.3
89 60.9 50.6 76.0



#52
Acenaphthene
Concen: 45.908 ng
RT: 14.533 min Scan# 1929
Delta R.T. 0.006 min
Lab File: BM041267.D
Acq: 03 Aug 2023 18:23

Tgt Ion:154 Resp: 1239546
Ion Ratio Lower Upper
154 100
153 113.1 90.2 135.4
152 53.9 43.4 65.0

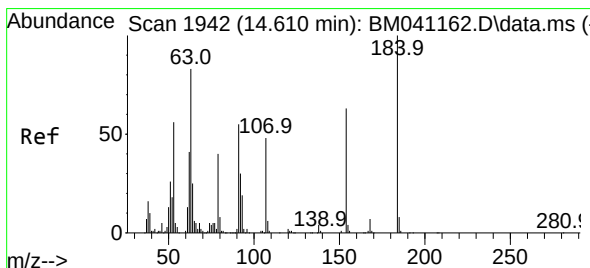
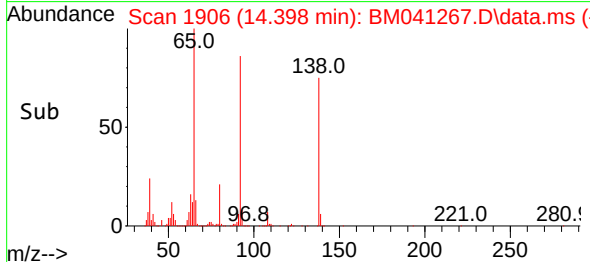
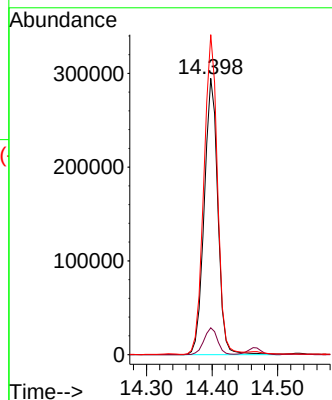
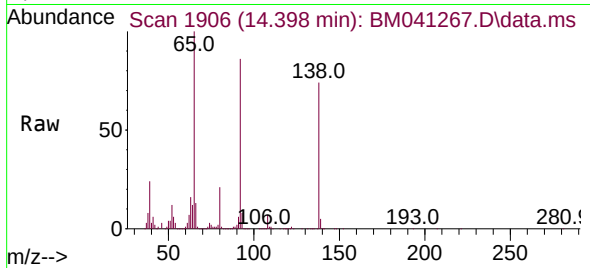




#53
3-Nitroaniline
Concen: 50.922 ng
RT: 14.398 min Scan# 1906
Delta R.T. 0.006 min
Lab File: BM041267.D
Acq: 03 Aug 2023 18:23

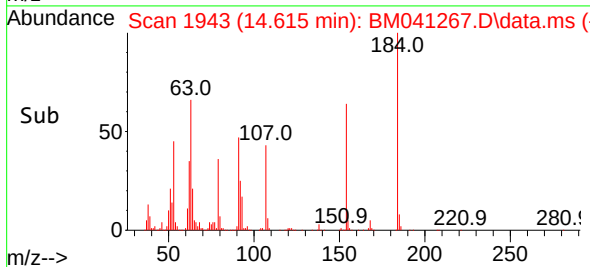
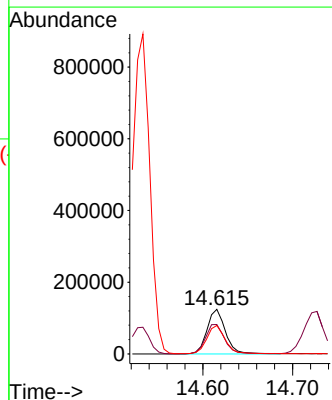
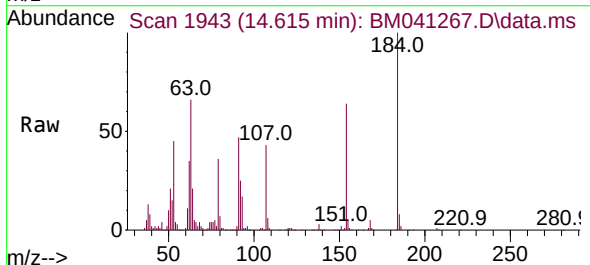
Instrument :
BNA_M
ClientSampleId :
TP-2MSD

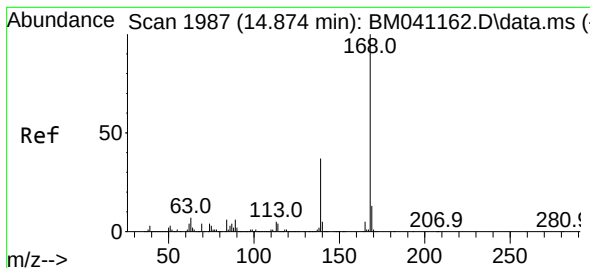
Tgt Ion:138 Resp: 422686
Ion Ratio Lower Upper
138 100
108 9.7 7.6 11.4
92 115.8 98.9 148.3



#54
2,4-Dinitrophenol
Concen: 39.672 ng
RT: 14.615 min Scan# 1943
Delta R.T. 0.006 min
Lab File: BM041267.D
Acq: 03 Aug 2023 18:23

Tgt Ion:184 Resp: 176228
Ion Ratio Lower Upper
184 100
63 65.9 66.5 99.7#
154 63.7 52.8 79.2





#55

Dibenzenofuran

Concen: 46.637 ng

RT: 14.868 min Scan# 1986

Delta R.T. 0.006 min

Lab File: BM041267.D

Acq: 03 Aug 2023 18:23

Instrument :

BNA_M

ClientSampleId :

TP-2MSD

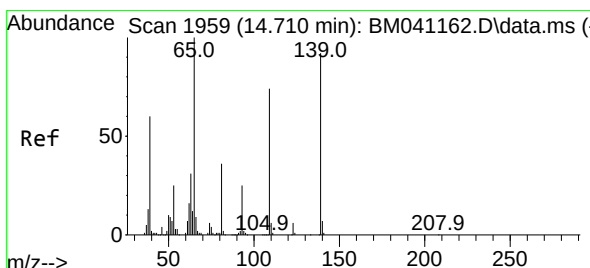
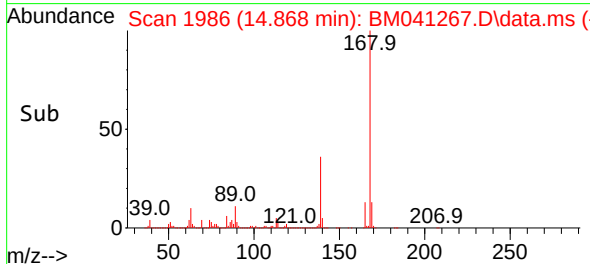
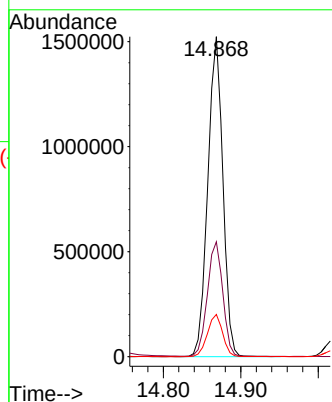
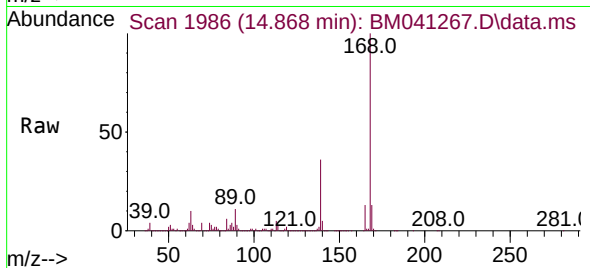
Tgt Ion:168 Resp: 2054484

Ion Ratio Lower Upper

168 100

139 35.9 29.8 44.6

169 13.2 10.5 15.7



#56

4-Nitrophenol

Concen: 99.792 ng

RT: 14.727 min Scan# 1962

Delta R.T. 0.006 min

Lab File: BM041267.D

Acq: 03 Aug 2023 18:23

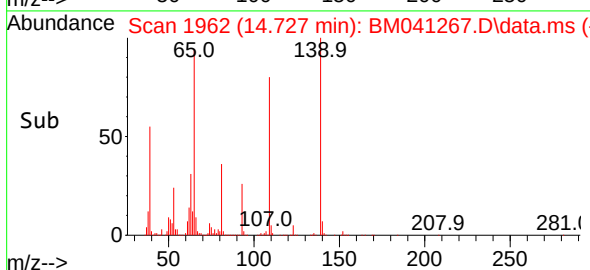
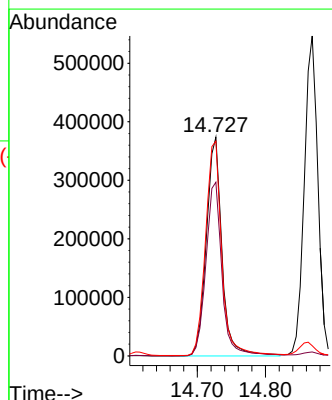
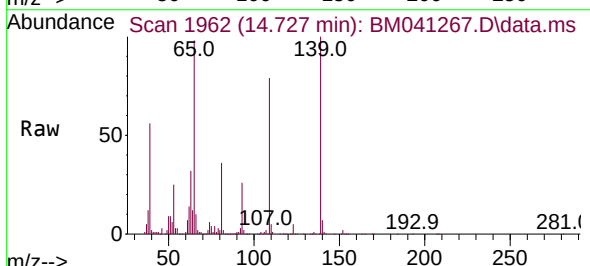
Tgt Ion:139 Resp: 594645

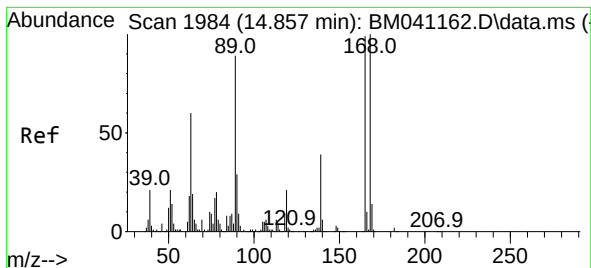
Ion Ratio Lower Upper

139 100

109 79.4 61.2 101.2

65 98.2 89.5 129.5

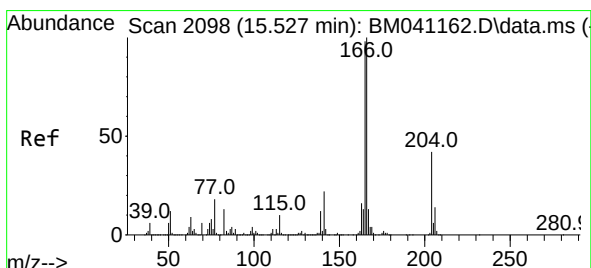
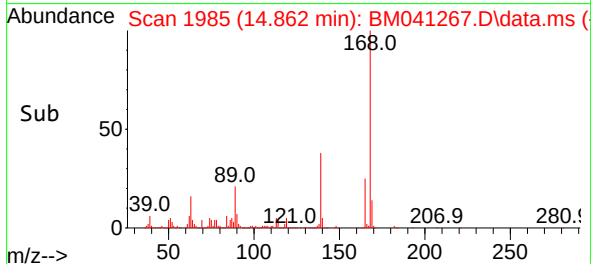
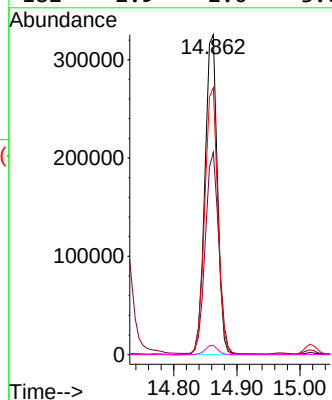
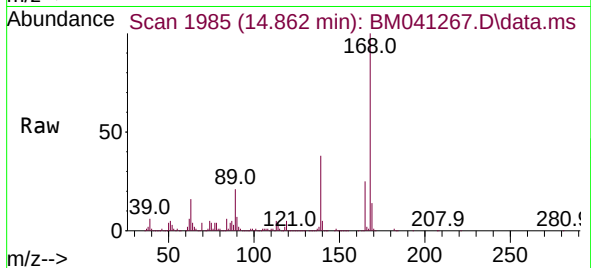




#57
2,4-Dinitrotoluene
Concen: 44.038 ng
RT: 14.862 min Scan# 1984
Delta R.T. 0.006 min
Lab File: BM041267.D
Acq: 03 Aug 2023 18:23

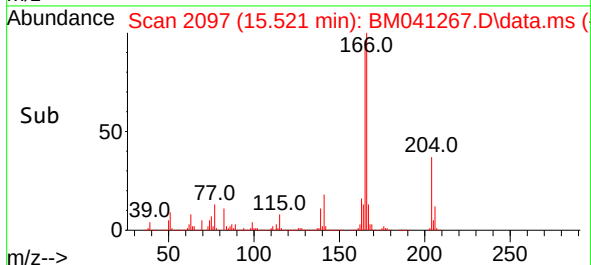
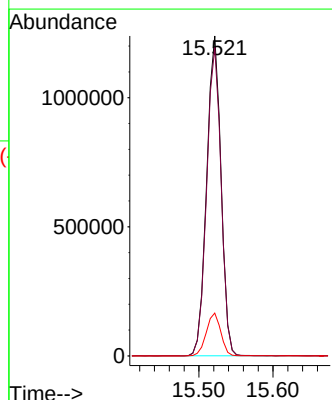
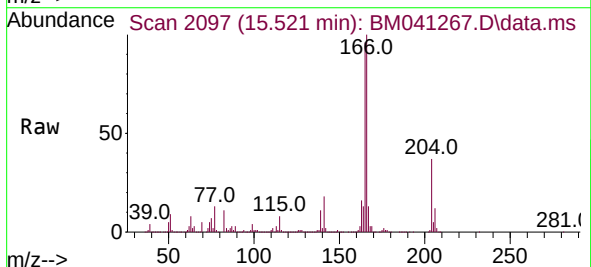
Instrument :
BNA_M
ClientSampleId :
TP-2MSD

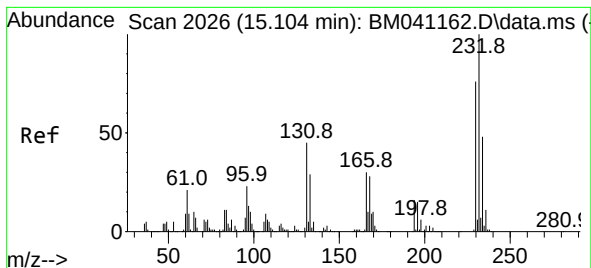
Tgt Ion:165 Resp: 447259
Ion Ratio Lower Upper
165 100
63 63.2 48.3 72.5
89 83.4 71.8 107.8
182 2.9 2.0 3.0



#58
Fluorene
Concen: 47.887 ng
RT: 15.521 min Scan# 2097
Delta R.T. 0.006 min
Lab File: BM041267.D
Acq: 03 Aug 2023 18:23

Tgt Ion:166 Resp: 1664207
Ion Ratio Lower Upper
166 100
165 96.3 78.2 117.4
167 13.4 10.6 16.0

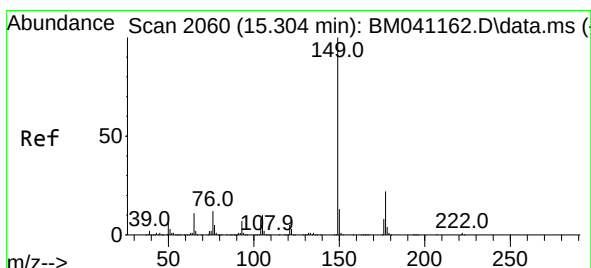
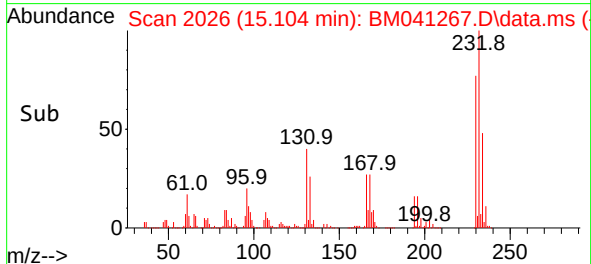
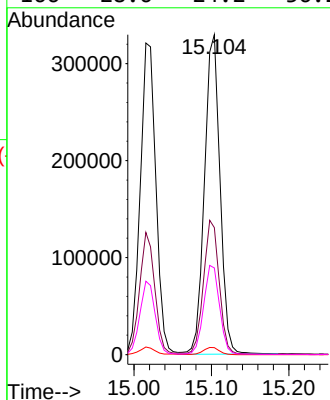
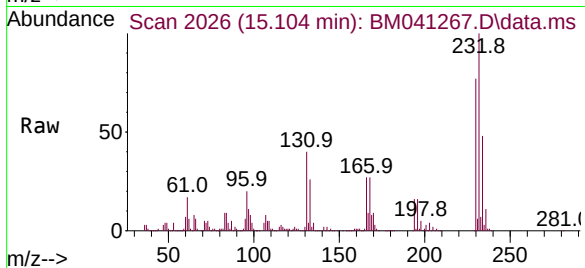




#59
2,3,4,6-Tetrachlorophenol
Concen: 51.301 ng
RT: 15.104 min Scan# 2026
Delta R.T. 0.006 min
Lab File: BM041267.D
Acq: 03 Aug 2023 18:23

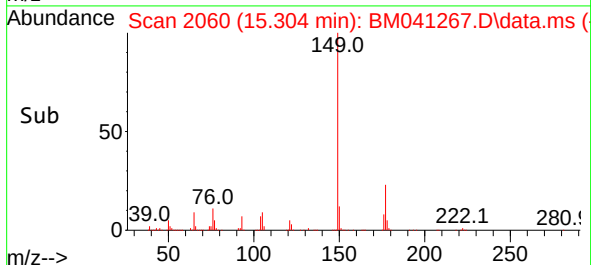
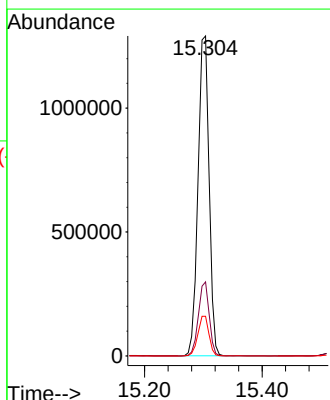
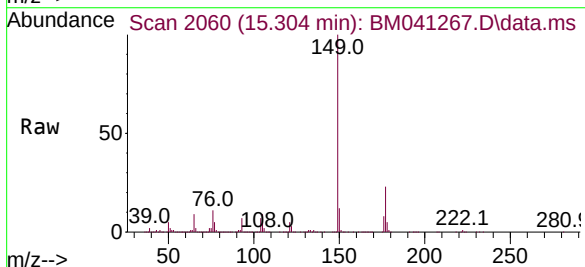
Instrument :
BNA_M
ClientSampleId :
TP-2MSD

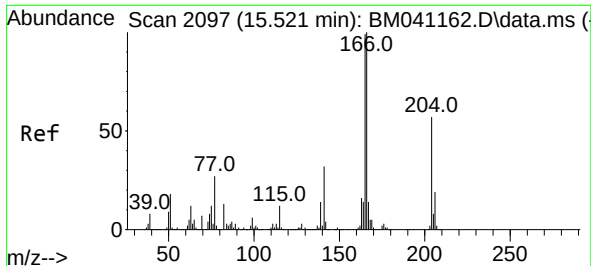
Tgt Ion:232 Resp: 459051
Ion Ratio Lower Upper
232 100
131 42.7 36.9 55.3
130 2.3 2.0 3.0
166 28.6 24.2 36.2



#60
Diethylphthalate
Concen: 50.490 ng
RT: 15.304 min Scan# 2060
Delta R.T. 0.006 min
Lab File: BM041267.D
Acq: 03 Aug 2023 18:23

Tgt Ion:149 Resp: 1684860
Ion Ratio Lower Upper
149 100
177 23.1 17.5 26.3
150 12.4 10.1 15.1

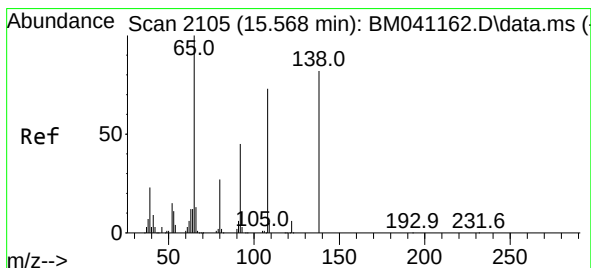
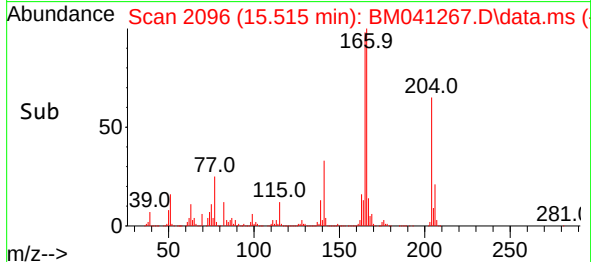
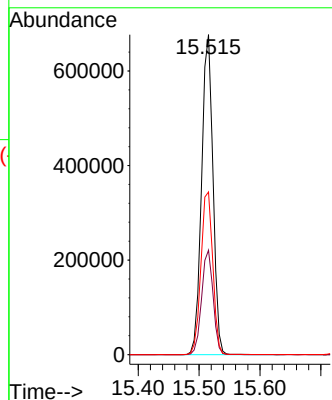
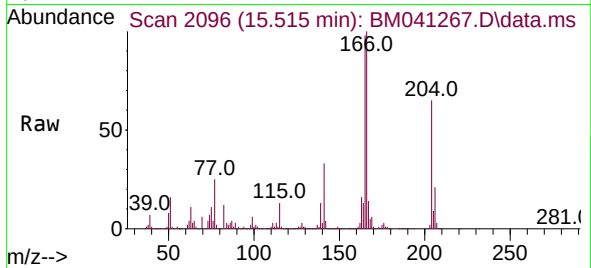




#61
4-Chlorophenyl-phenylether
Concen: 50.352 ng
RT: 15.515 min Scan# 2097
Delta R.T. 0.006 min
Lab File: BM041267.D
Acq: 03 Aug 2023 18:23

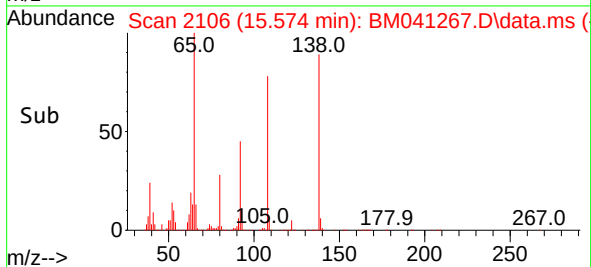
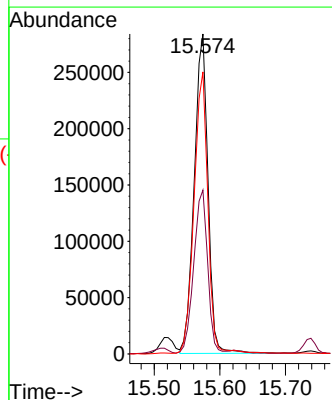
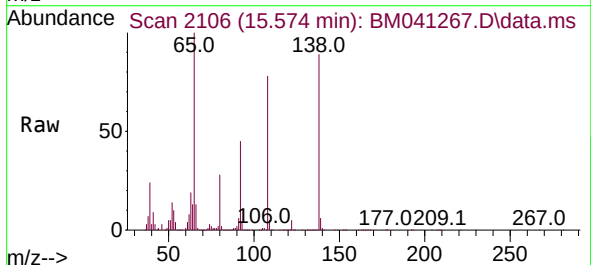
Instrument :
BNA_M
ClientSampleId :
TP-2MSD

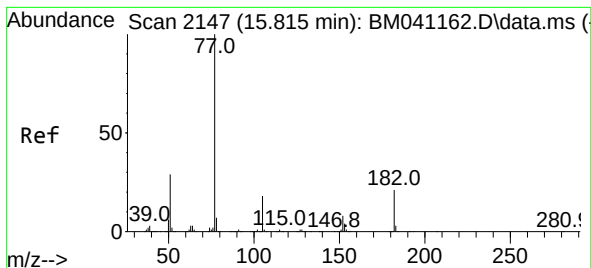
Tgt Ion:204 Resp: 876874
Ion Ratio Lower Upper
204 100
206 32.6 26.5 39.7
141 50.8 44.8 67.2



#62
4-Nitroaniline
Concen: 53.783 ng
RT: 15.574 min Scan# 2106
Delta R.T. 0.011 min
Lab File: BM041267.D
Acq: 03 Aug 2023 18:23

Tgt Ion:138 Resp: 414311
Ion Ratio Lower Upper
138 100
92 51.2 35.1 75.1
108 88.1 67.8 107.8





#63

Azobenzene

Concen: 46.540 ng

RT: 15.809 min Scan# 2146

Delta R.T. 0.006 min

Lab File: BM041267.D

Acq: 03 Aug 2023 18:23

Instrument :

BNA_M

ClientSampleId :

TP-2MSD

Tgt Ion: 77 Resp: 1701169

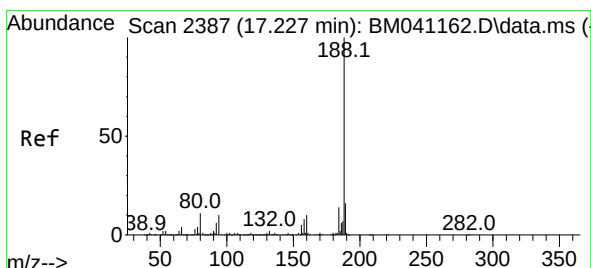
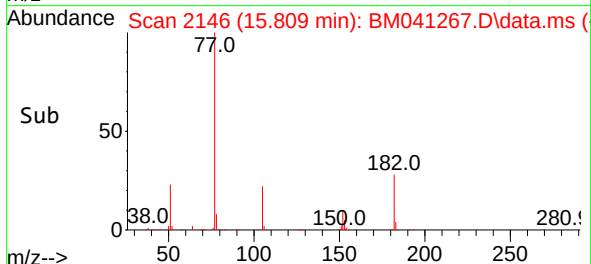
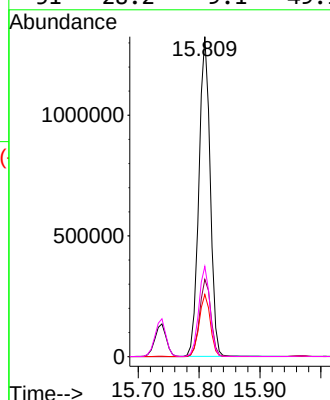
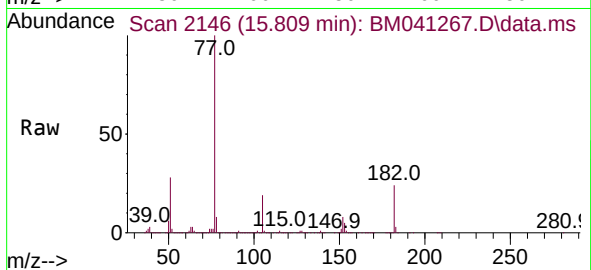
Ion Ratio Lower Upper

77 100

182 24.1 1.3 41.3

105 19.4 0.0 38.5

51 28.2 9.1 49.1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.227 min Scan# 2387

Delta R.T. 0.006 min

Lab File: BM041267.D

Acq: 03 Aug 2023 18:23

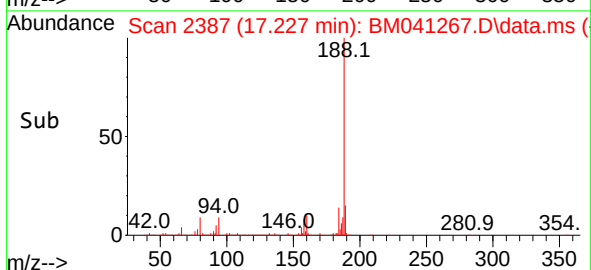
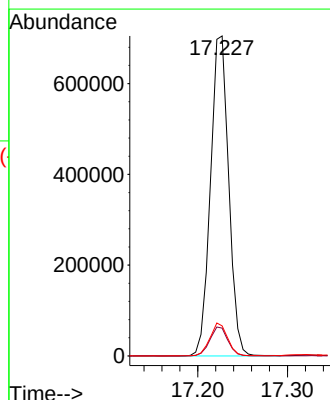
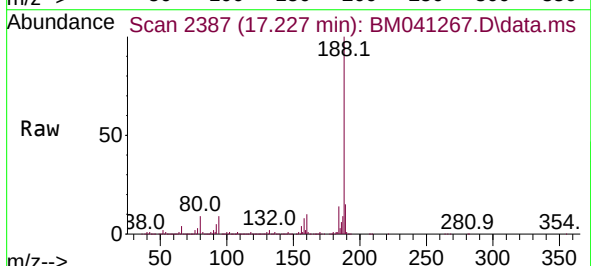
Tgt Ion:188 Resp: 999979

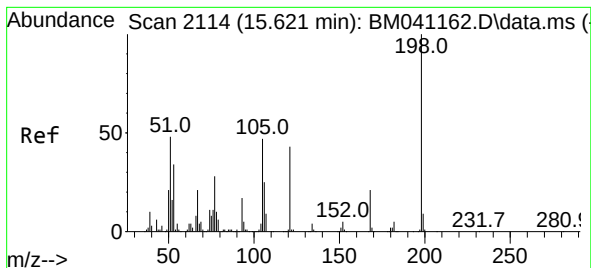
Ion Ratio Lower Upper

188 100

94 8.7 8.2 12.2

80 9.4 8.6 13.0

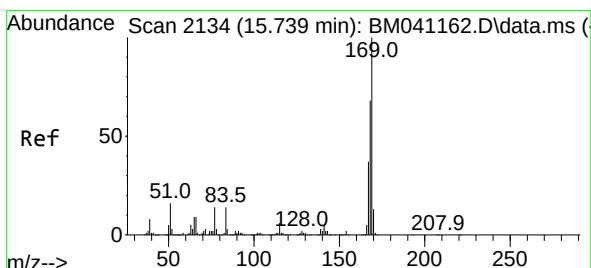
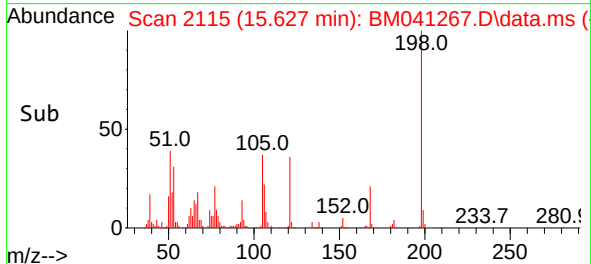
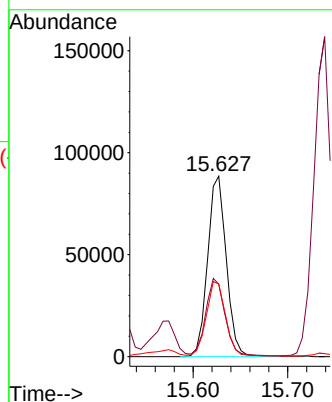
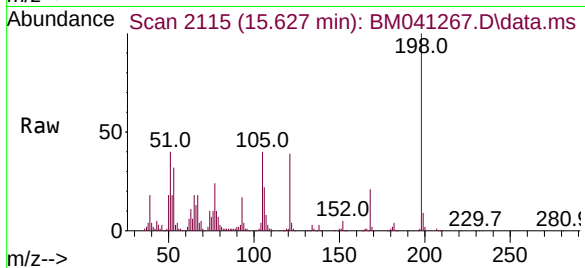




#65
4,6-Dinitro-2-methylphenol
Concen: 20.026 ng
RT: 15.627 min Scan# 2114
Delta R.T. 0.006 min
Lab File: BM041267.D
Acq: 03 Aug 2023 18:23

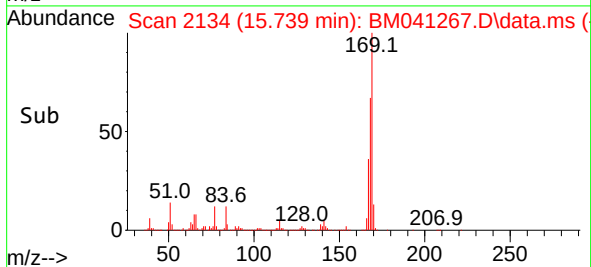
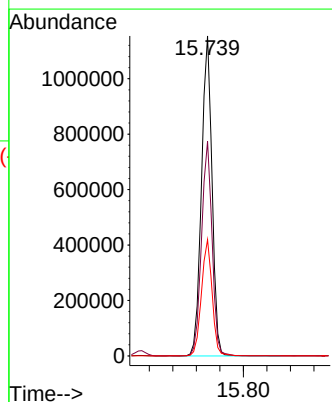
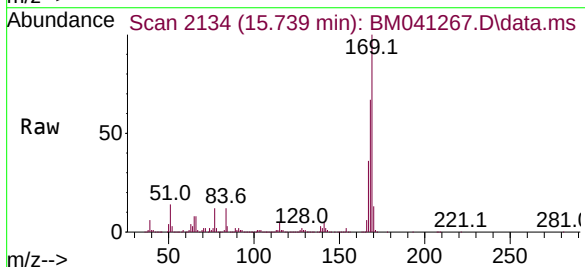
Instrument :
BNA_M
ClientSampleId :
TP-2MSD

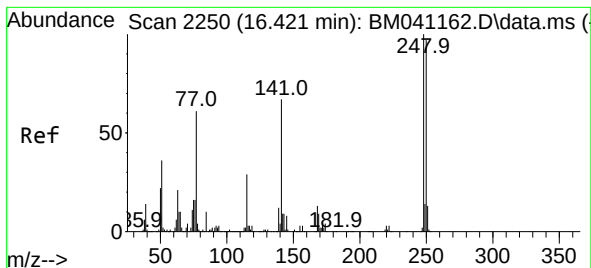
Tgt Ion:198 Resp: 121311
Ion Ratio Lower Upper
198 100
51 40.2 31.7 71.7
105 40.2 27.8 67.8



#66
n-Nitrosodiphenylamine
Concen: 46.048 ng
RT: 15.739 min Scan# 2134
Delta R.T. 0.006 min
Lab File: BM041267.D
Acq: 03 Aug 2023 18:23

Tgt Ion:169 Resp: 1432113
Ion Ratio Lower Upper
169 100
168 67.0 54.6 81.8
167 36.3 29.9 44.9

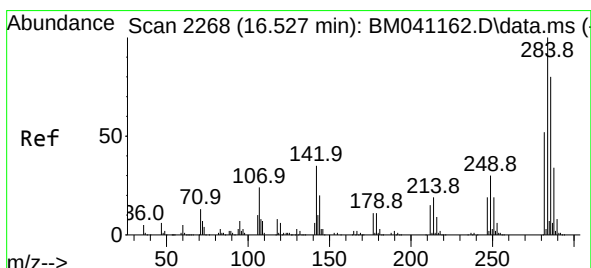
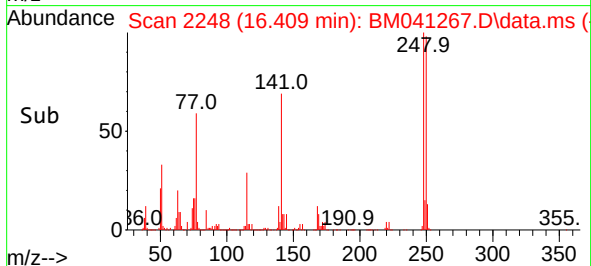
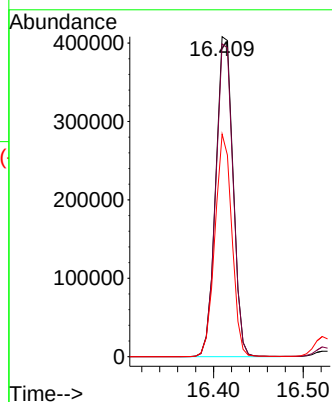
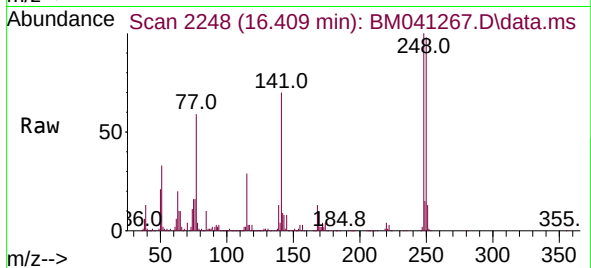




#67
4-Bromophenyl-phenylether
Concen: 50.015 ng
RT: 16.409 min Scan# 2248
Delta R.T. -0.000 min
Lab File: BM041267.D
Acq: 03 Aug 2023 18:23

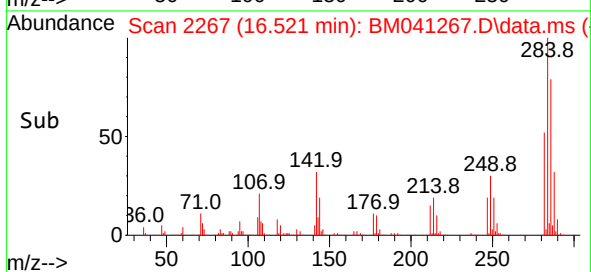
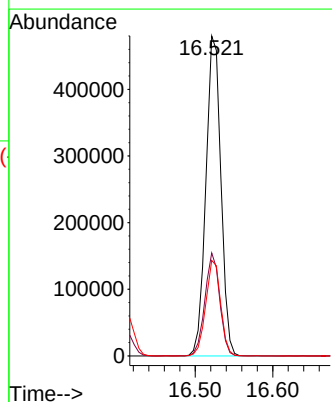
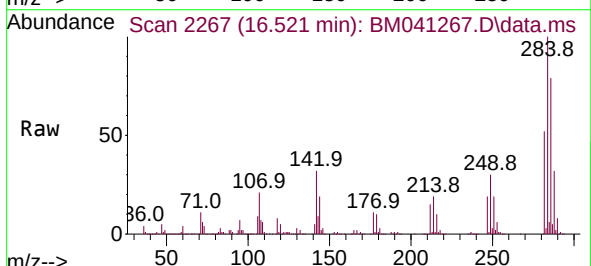
Instrument :
BNA_M
ClientSampleId :
TP-2MSD

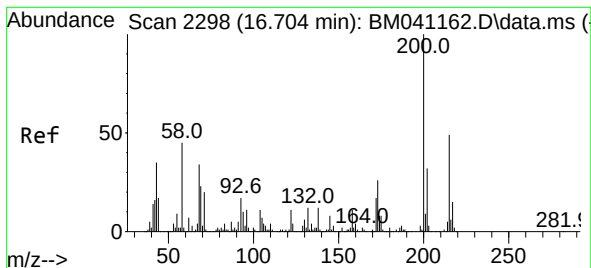
Tgt Ion:248 Resp: 548367
Ion Ratio Lower Upper
248 100
250 97.7 78.0 117.0
141 69.5 53.8 80.8



#68
Hexachlorobenzene
Concen: 52.931 ng
RT: 16.521 min Scan# 2267
Delta R.T. -0.000 min
Lab File: BM041267.D
Acq: 03 Aug 2023 18:23

Tgt Ion:284 Resp: 645309
Ion Ratio Lower Upper
284 100
142 32.2 28.0 42.0
249 29.8 23.7 35.5





#69

Atrazine

Concen: 54.466 ng

RT: 16.698 min Scan# 21

Delta R.T. -0.000 min

Lab File: BM041267.D

Acq: 03 Aug 2023 18:23

Instrument :

BNA_M

ClientSampleId :

TP-2MSD

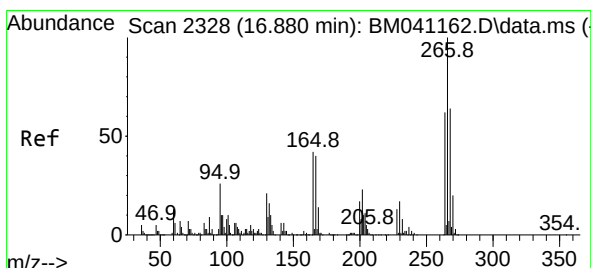
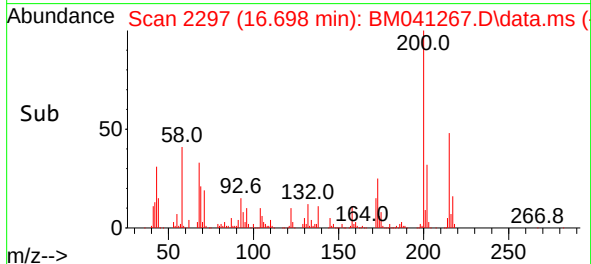
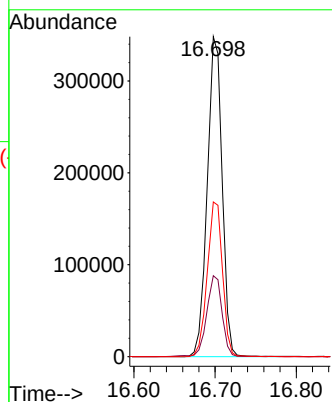
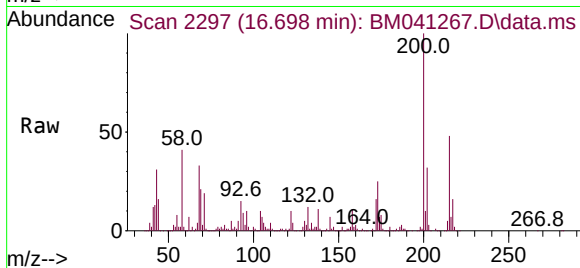
Tgt Ion:200 Resp: 444845

Ion Ratio Lower Upper

200 100

173 25.3 5.6 45.6

215 48.3 28.5 68.5



#70

Pentachlorophenol

Concen: 84.167 ng

RT: 16.880 min Scan# 2328

Delta R.T. -0.000 min

Lab File: BM041267.D

Acq: 03 Aug 2023 18:23

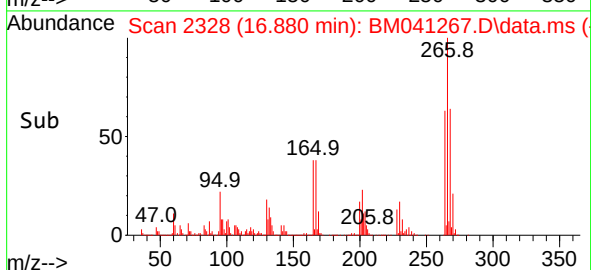
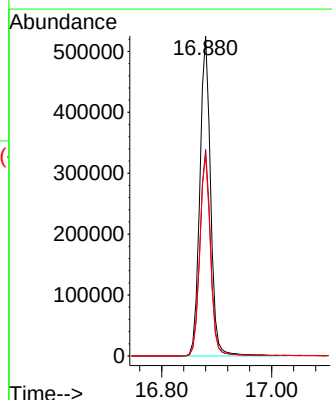
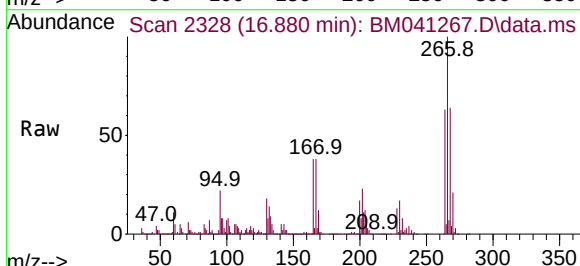
Tgt Ion:266 Resp: 710544

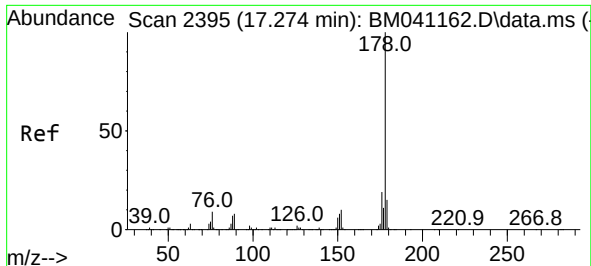
Ion Ratio Lower Upper

266 100

268 64.5 51.0 76.6

264 62.7 49.4 74.2

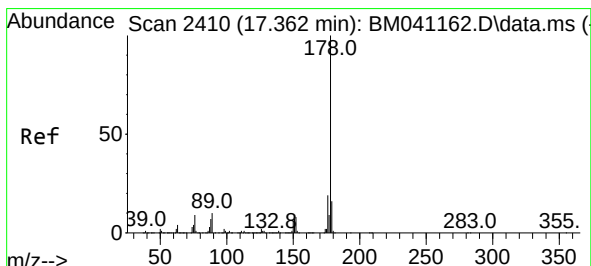
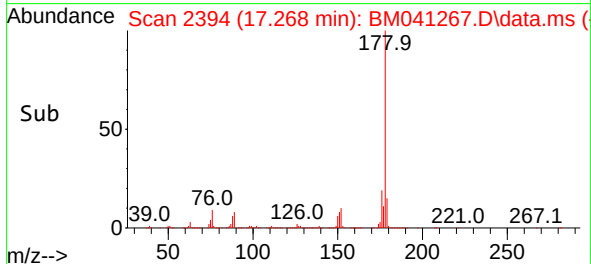
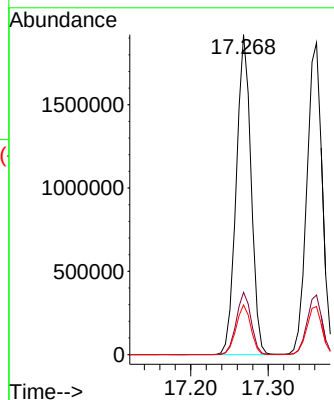
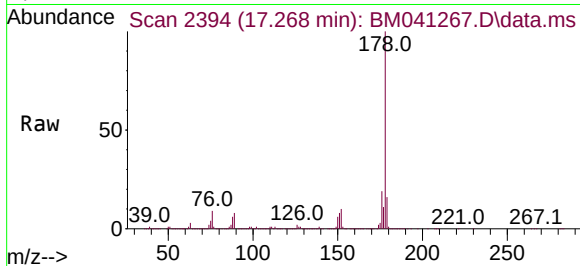




#71
Phenanthrene
Concen: 45.797 ng
RT: 17.268 min Scan# 2394
Delta R.T. -0.000 min
Lab File: BM041267.D
Acq: 03 Aug 2023 18:23

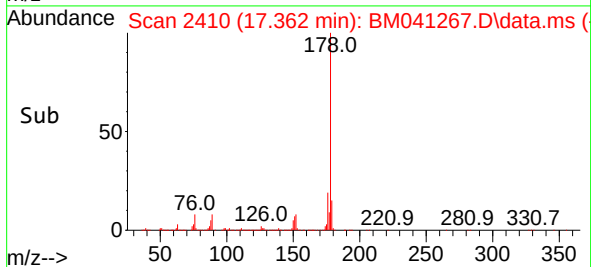
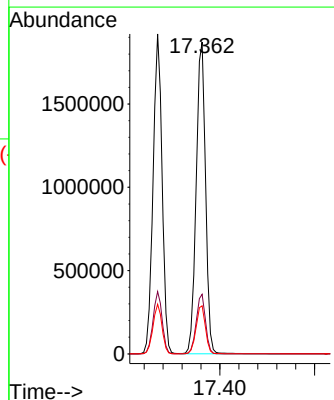
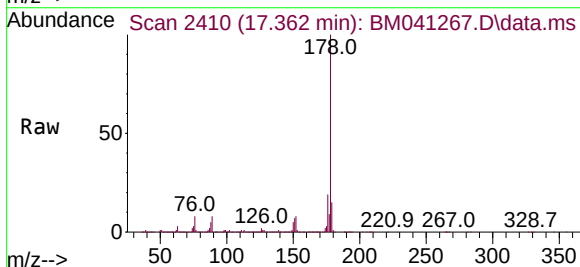
Instrument :
BNA_M
ClientSampleId :
TP-2MSD

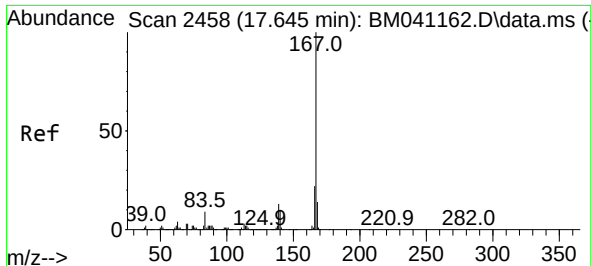
Tgt Ion:178 Resp: 2544429
Ion Ratio Lower Upper
178 100
176 19.5 15.6 23.4
179 15.5 12.1 18.1



#72
Anthracene
Concen: 46.803 ng
RT: 17.362 min Scan# 2410
Delta R.T. 0.006 min
Lab File: BM041267.D
Acq: 03 Aug 2023 18:23

Tgt Ion:178 Resp: 2571770
Ion Ratio Lower Upper
178 100
176 19.1 15.2 22.8
179 15.4 12.4 18.6

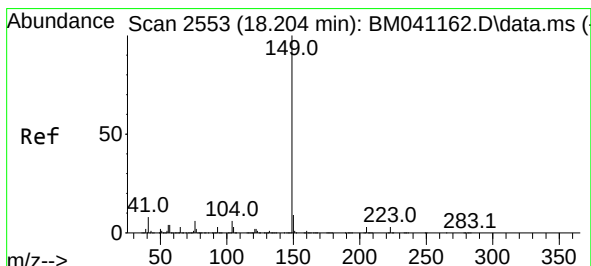
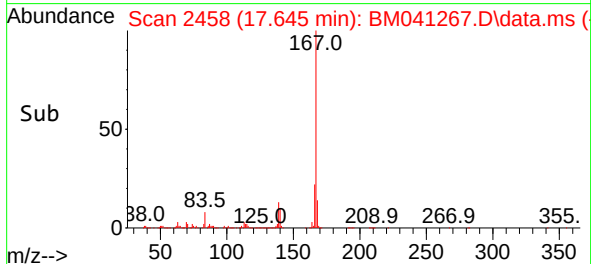
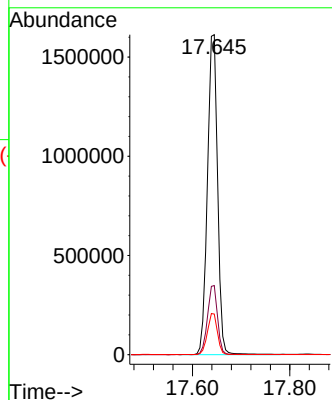
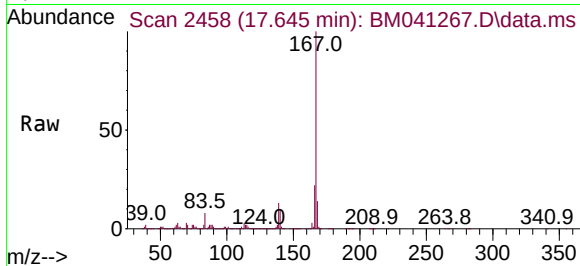




#73
 Carbazole
 Concen: 47.060 ng
 RT: 17.645 min Scan# 24
 Delta R.T. 0.006 min
 Lab File: BM041267.D
 Acq: 03 Aug 2023 18:23

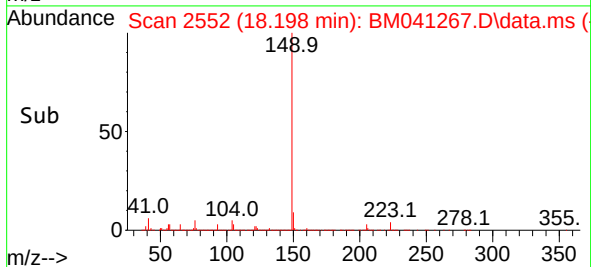
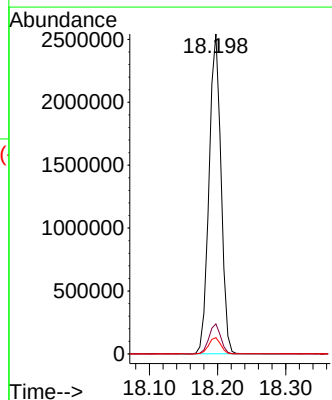
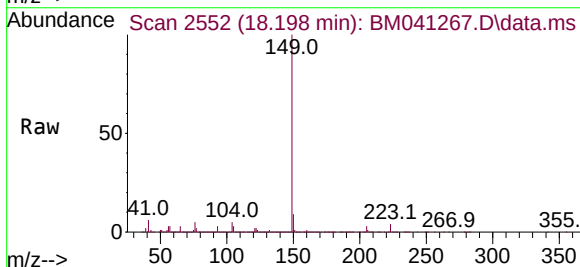
Instrument :
 BNA_M
 ClientSampleId :
 TP-2MSD

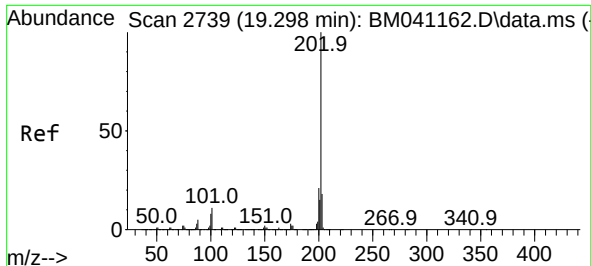
Tgt Ion:167 Resp: 2340482
 Ion Ratio Lower Upper
 167 100
 166 21.6 17.3 25.9
 139 12.7 10.3 15.5



#74
 Di-n-butylphthalate
 Concen: 55.078 ng
 RT: 18.198 min Scan# 2552
 Delta R.T. -0.000 min
 Lab File: BM041267.D
 Acq: 03 Aug 2023 18:23

Tgt Ion:149 Resp: 3095403
 Ion Ratio Lower Upper
 149 100
 150 9.4 7.3 10.9
 104 5.1 4.5 6.7

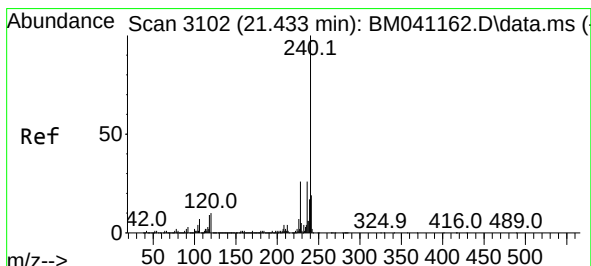
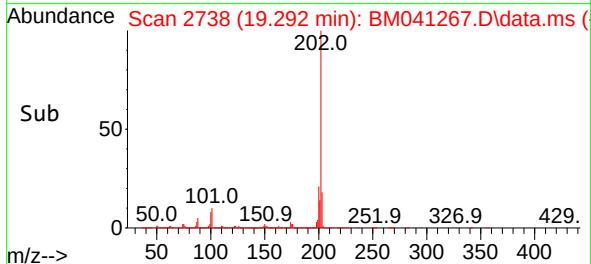
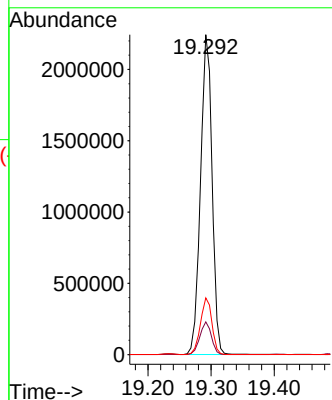
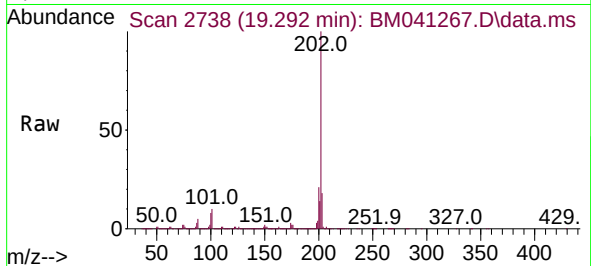




#75
Fluoranthene
Concen: 45.656 ng
RT: 19.292 min Scan# 21
Delta R.T. -0.000 min
Lab File: BM041267.D
Acq: 03 Aug 2023 18:23

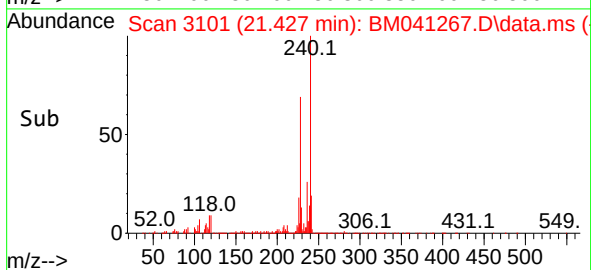
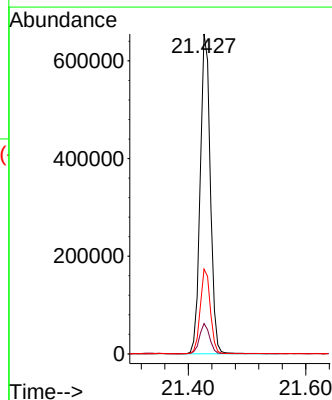
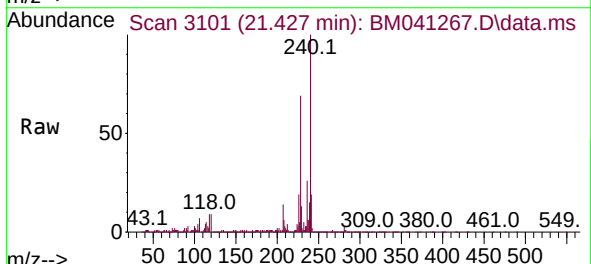
Instrument :
BNA_M
ClientSampleId :
TP-2MSD

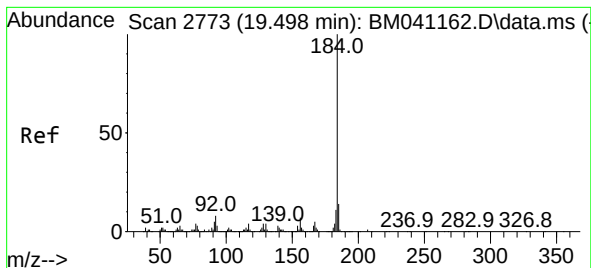
Tgt Ion:202 Resp: 2849863
Ion Ratio Lower Upper
202 100
101 10.2 0.0 30.8
203 17.7 0.0 37.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.427 min Scan# 3101
Delta R.T. -0.006 min
Lab File: BM041267.D
Acq: 03 Aug 2023 18:23

Tgt Ion:240 Resp: 780124
Ion Ratio Lower Upper
240 100
120 9.5 8.3 12.5
236 26.5 20.6 30.8





#77

Benzidine

Concen: 124.524 ng

RT: 19.492 min Scan# 21

Delta R.T. -0.000 min

Lab File: BM041267.D

Acq: 03 Aug 2023 18:23

Instrument :

BNA_M

ClientSampleId :

TP-2MSD

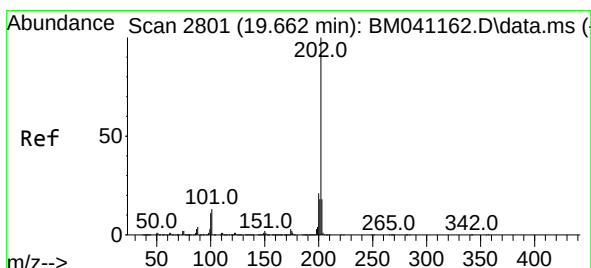
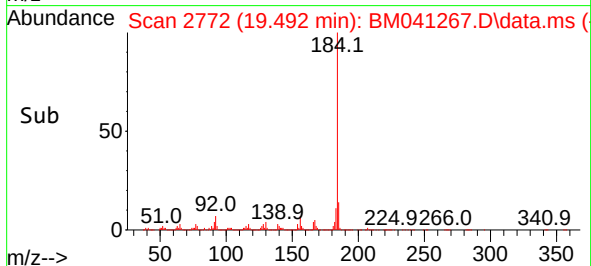
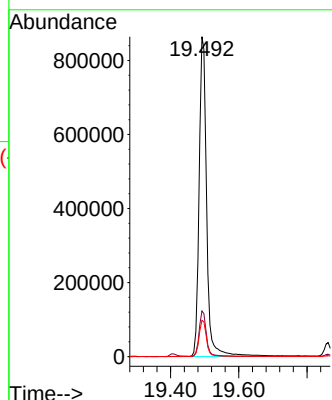
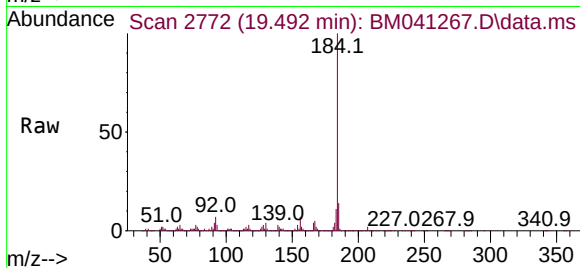
Tgt Ion:184 Resp: 1324069

Ion Ratio Lower Upper

184 100

185 14.3 11.4 17.0

183 11.3 9.2 13.8



#78

Pyrene

Concen: 52.556 ng

RT: 19.656 min Scan# 2800

Delta R.T. -0.000 min

Lab File: BM041267.D

Acq: 03 Aug 2023 18:23

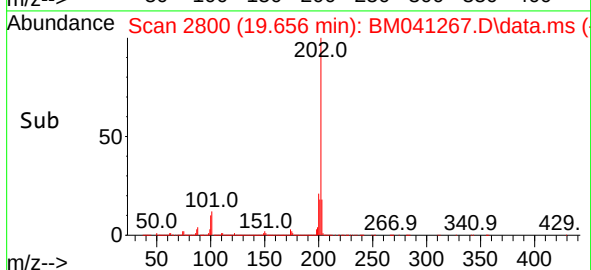
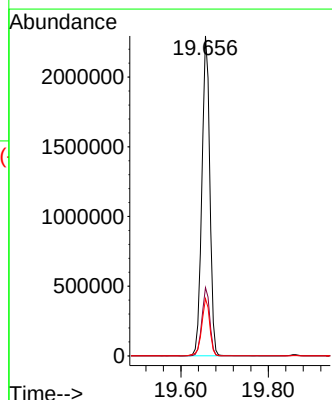
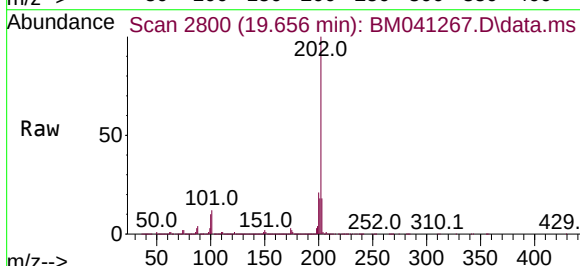
Tgt Ion:202 Resp: 2867226

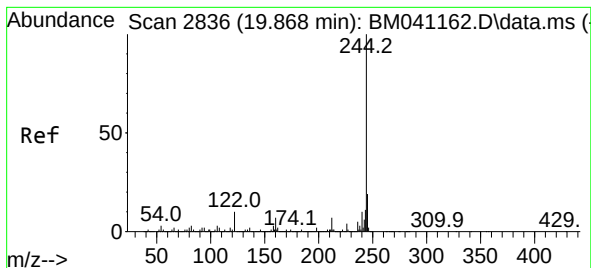
Ion Ratio Lower Upper

202 100

200 21.3 16.9 25.3

203 17.9 14.1 21.1





#79

Terphenyl-d14

Concen: 71.968 ng

RT: 19.862 min Scan# 2835

Delta R.T. -0.000 min

Lab File: BM041267.D

Acq: 03 Aug 2023 18:23

Instrument :

BNA_M

ClientSampleId :

TP-2MSD

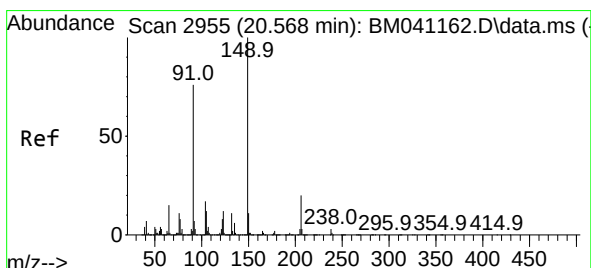
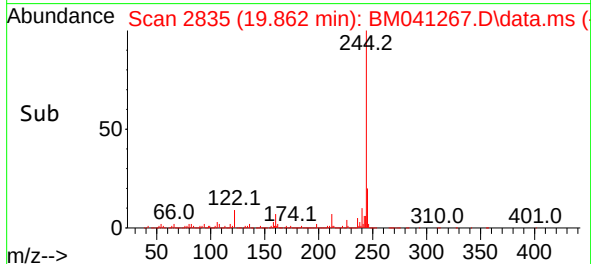
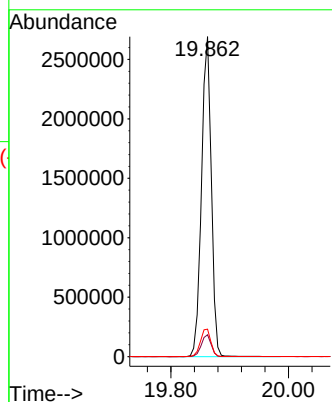
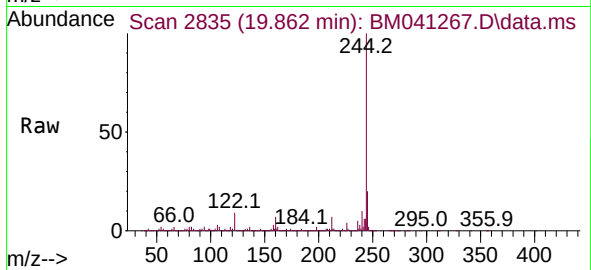
Tgt Ion:244 Resp: 3105226

Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.2

122 8.6 7.8 11.6



#80

Butylbenzylphthalate

Concen: 65.387 ng

RT: 20.562 min Scan# 2954

Delta R.T. -0.000 min

Lab File: BM041267.D

Acq: 03 Aug 2023 18:23

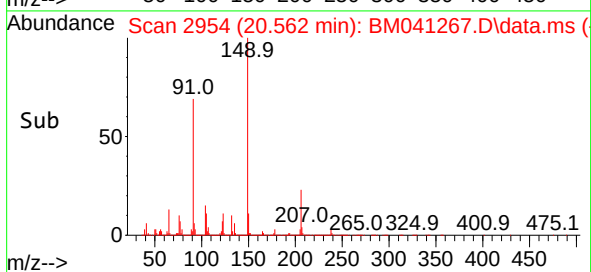
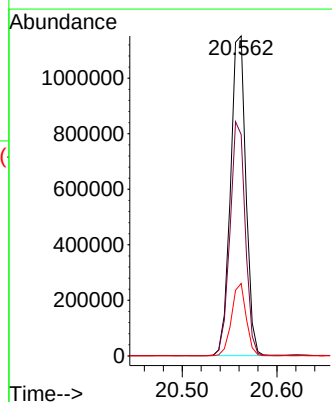
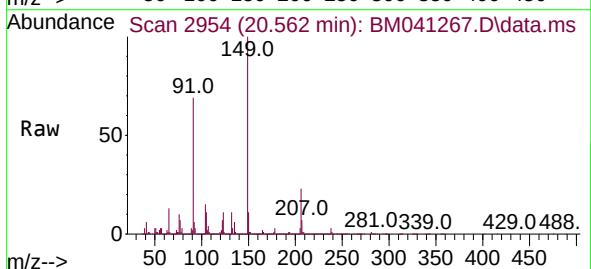
Tgt Ion:149 Resp: 1302672

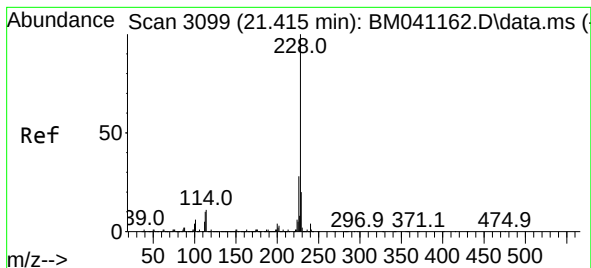
Ion Ratio Lower Upper

149 100

91 69.2 60.8 91.2

206 22.6 16.4 24.6





#81

Benzo(a)anthracene

Concen: 49.721 ng

RT: 21.415 min Scan# 3099

Delta R.T. -0.000 min

Lab File: BM041267.D

Acq: 03 Aug 2023 18:23

Instrument :

BNA_M

ClientSampleId :

TP-2MSD

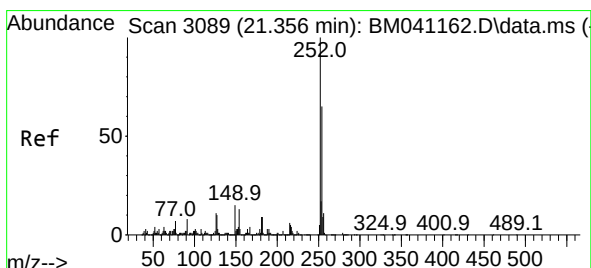
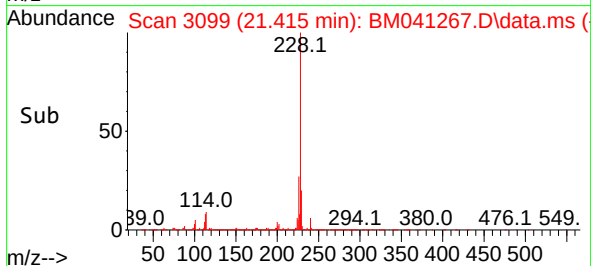
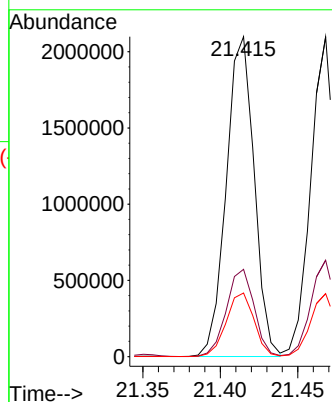
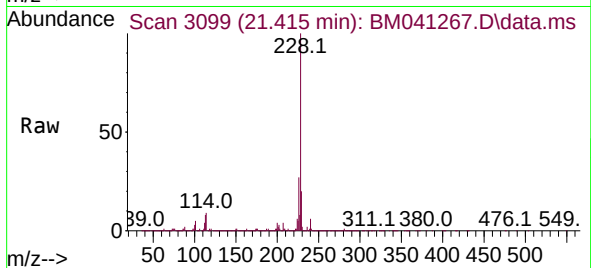
Tgt Ion:228 Resp: 2629569

Ion Ratio Lower Upper

228 100

226 27.3 22.4 33.6

229 19.9 15.8 23.8



#82

3,3'-Dichlorobenzidine

Concen: 58.911 ng

RT: 21.350 min Scan# 3088

Delta R.T. -0.000 min

Lab File: BM041267.D

Acq: 03 Aug 2023 18:23

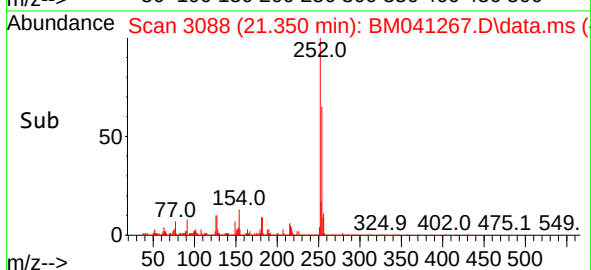
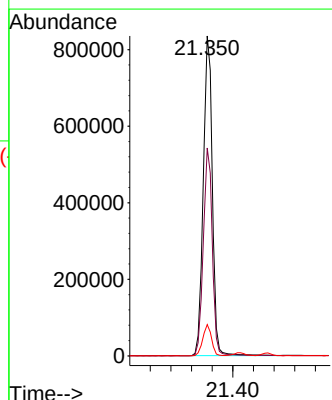
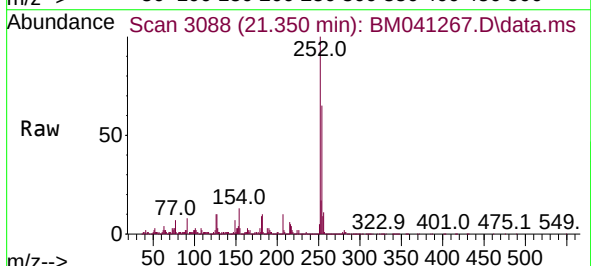
Tgt Ion:252 Resp: 1016638

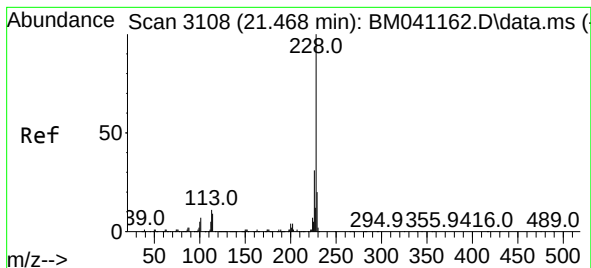
Ion Ratio Lower Upper

252 100

254 65.0 51.8 77.6

126 9.8 8.6 13.0





#83

Chrysene

Concen: 46.659 ng

RT: 21.468 min Scan# 31

Delta R.T. -0.000 min

Lab File: BM041267.D

Acq: 03 Aug 2023 18:23

Instrument :

BNA_M

ClientSampleId :

TP-2MSD

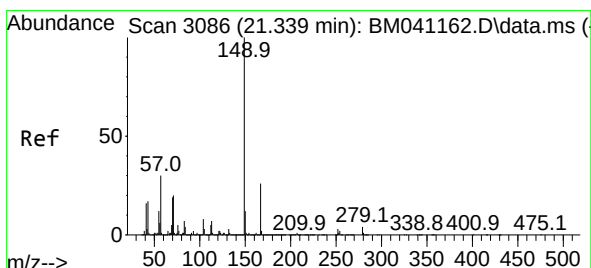
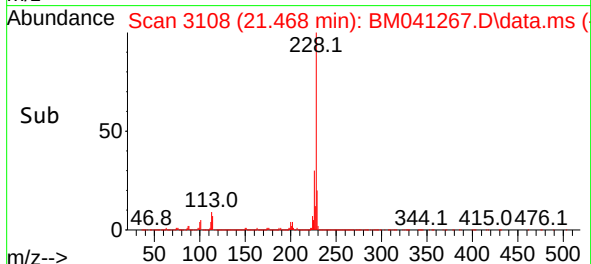
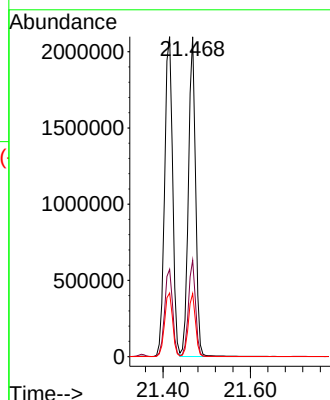
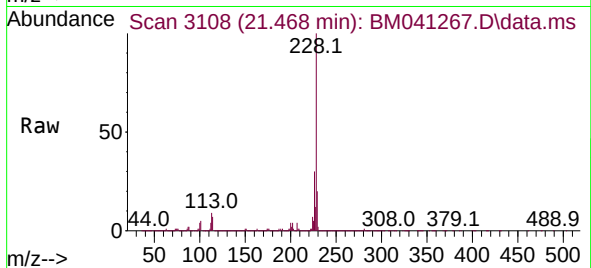
Tgt Ion:228 Resp: 2386801

Ion Ratio Lower Upper

228 100

226 30.1 24.5 36.7

229 19.7 15.8 23.8



#84

Bis(2-ethylhexyl)phthalate

Concen: 59.758 ng

RT: 21.333 min Scan# 3085

Delta R.T. -0.000 min

Lab File: BM041267.D

Acq: 03 Aug 2023 18:23

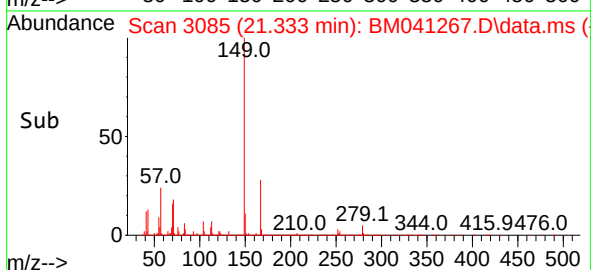
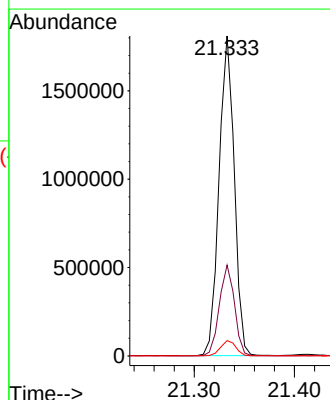
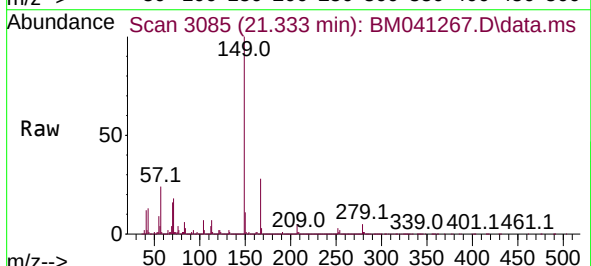
Tgt Ion:149 Resp: 1911409

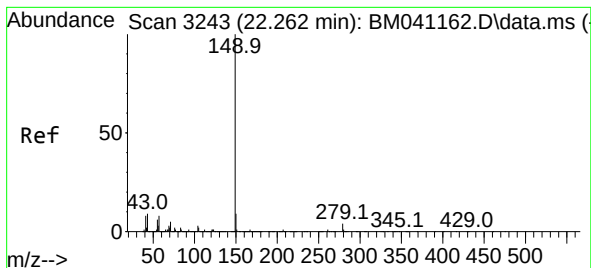
Ion Ratio Lower Upper

149 100

167 28.4 21.0 31.6

279 4.8 3.1 4.7#





#85

Di-n-octyl phthalate

Concen: 61.106 ng

RT: 22.250 min Scan# 31

Delta R.T. -0.006 min

Lab File: BM041267.D

Acq: 03 Aug 2023 18:23

Instrument :

BNA_M

ClientSampleId :

TP-2MSD

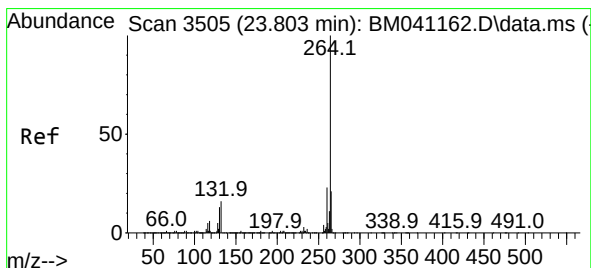
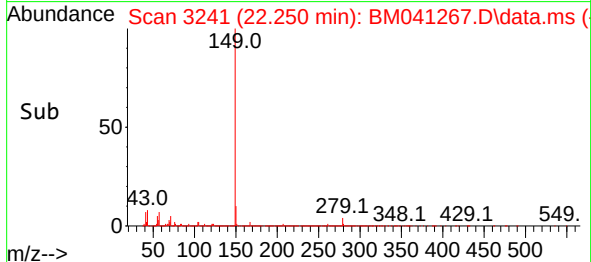
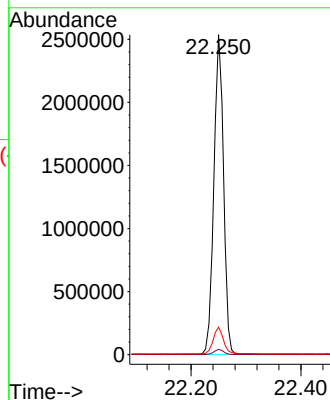
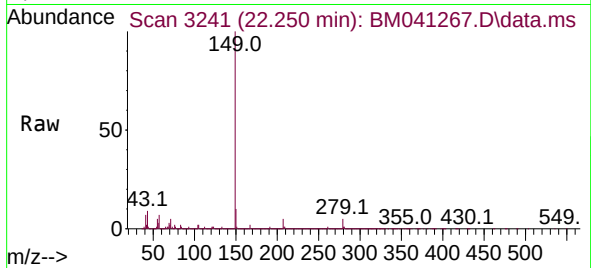
Tgt Ion:149 Resp: 3076727

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

43 9.0 8.3 12.5



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.797 min Scan# 3504

Delta R.T. -0.006 min

Lab File: BM041267.D

Acq: 03 Aug 2023 18:23

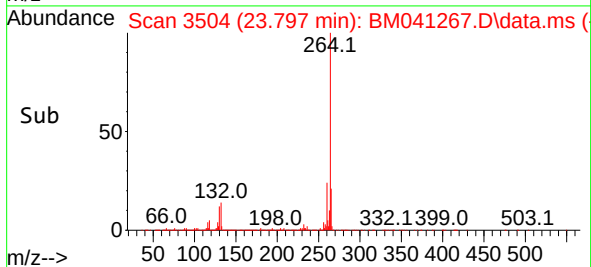
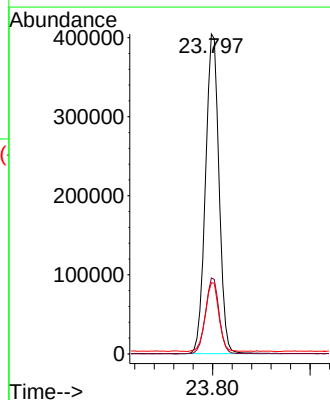
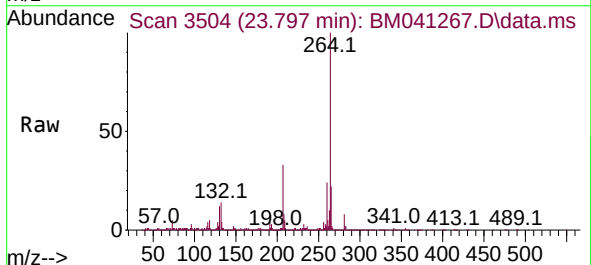
Tgt Ion:264 Resp: 781434

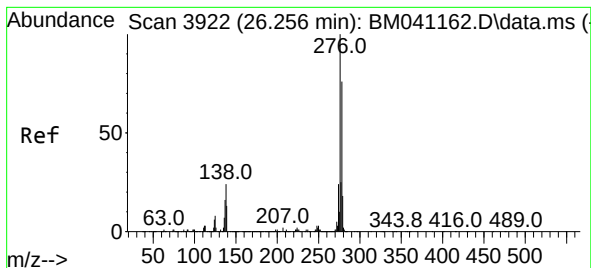
Ion Ratio Lower Upper

264 100

260 23.7 18.5 27.7

265 22.2 17.4 26.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 44.919 ng

RT: 26.262 min Scan# 3922

Delta R.T. -0.000 min

Lab File: BM041267.D

Acq: 03 Aug 2023 18:23

Instrument :

BNA_M

ClientSampleId :

TP-2MSD

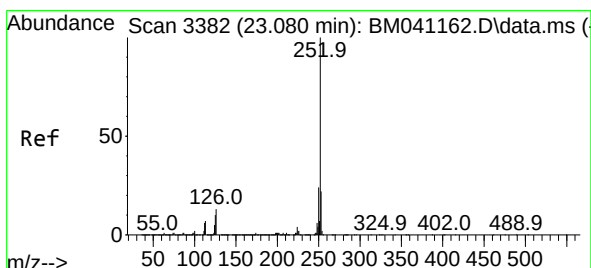
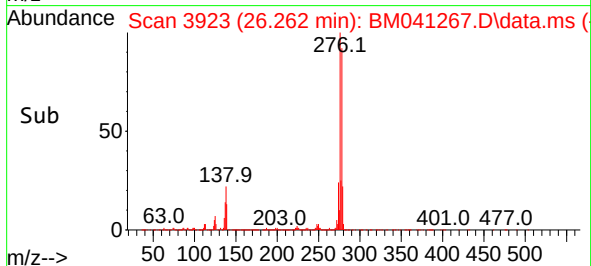
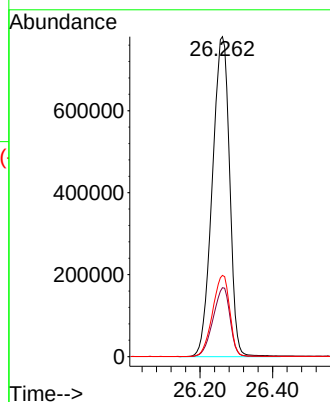
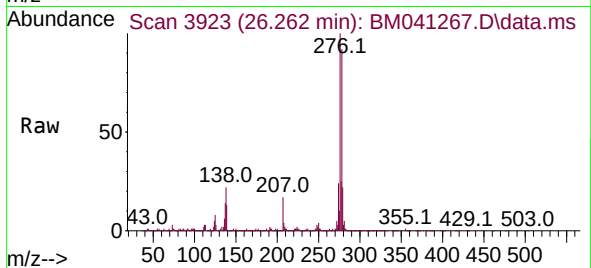
Tgt Ion:276 Resp: 2580677

Ion Ratio Lower Upper

276 100

138 21.1 20.0 30.0

277 25.3 20.1 30.1



#88

Benzo(b)fluoranthene

Concen: 52.233 ng

RT: 23.080 min Scan# 3382

Delta R.T. -0.006 min

Lab File: BM041267.D

Acq: 03 Aug 2023 18:23

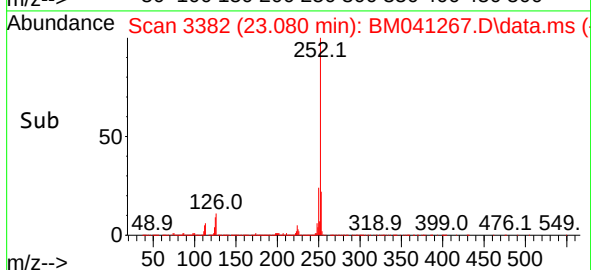
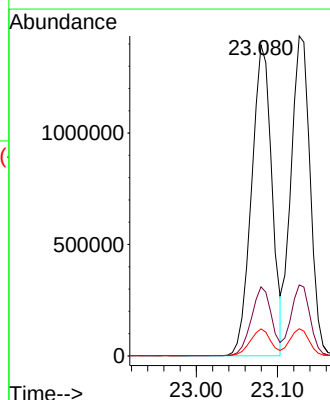
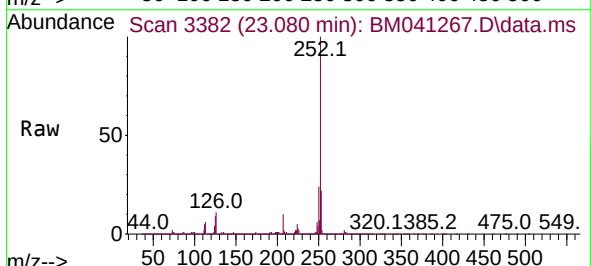
Tgt Ion:252 Resp: 2424765

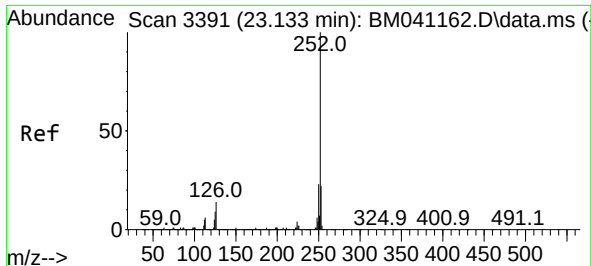
Ion Ratio Lower Upper

252 100

253 22.2 17.7 26.5

125 8.7 8.2 12.4

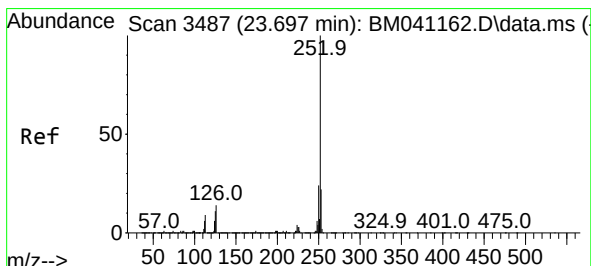
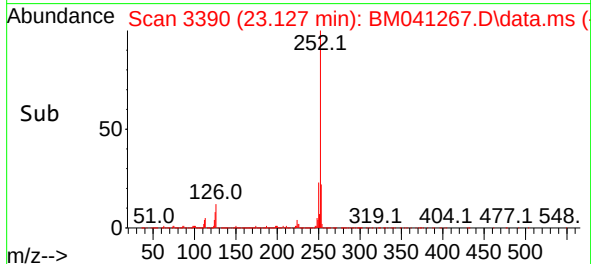
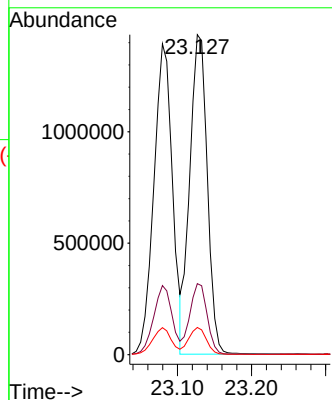
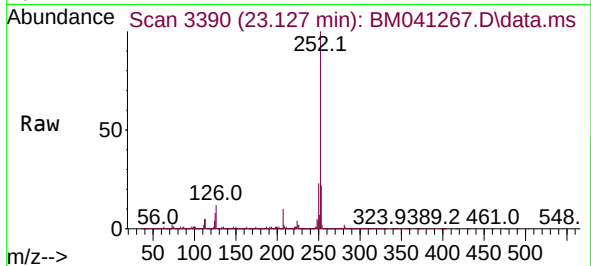




#89
Benzo(k)fluoranthene
Concen: 49.738 ng
RT: 23.127 min Scan# 3391
Delta R.T. -0.006 min
Lab File: BM041267.D
Acq: 03 Aug 2023 18:23

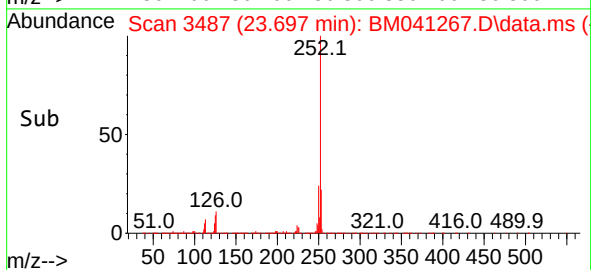
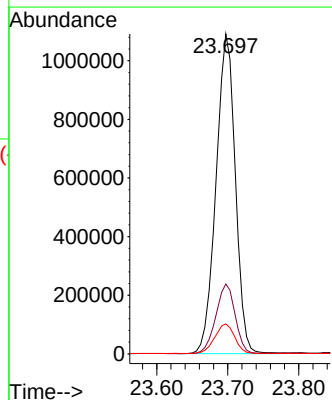
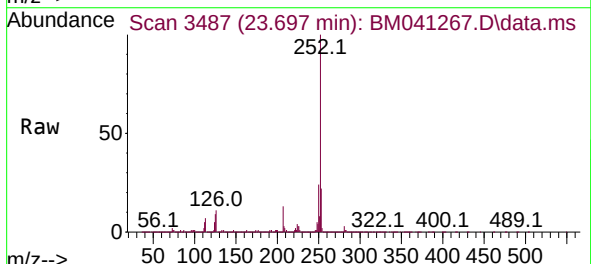
Instrument :
BNA_M
ClientSampleId :
TP-2MSD

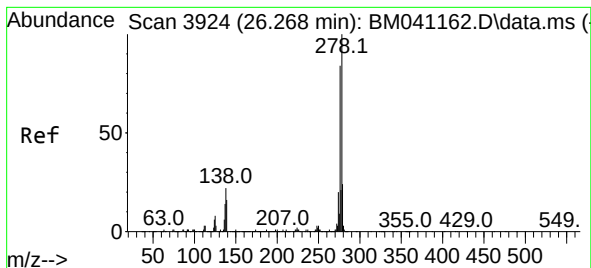
Tgt Ion:252 Resp: 2361815
Ion Ratio Lower Upper
252 100
253 22.2 17.4 26.0
125 8.5 7.6 11.4



#90
Benzo(a)pyrene
Concen: 46.256 ng
RT: 23.697 min Scan# 3487
Delta R.T. -0.000 min
Lab File: BM041267.D
Acq: 03 Aug 2023 18:23

Tgt Ion:252 Resp: 2063260
Ion Ratio Lower Upper
252 100
253 21.8 17.3 25.9
125 9.4 9.0 13.4





#91

Dibenzo(a,h)anthracene

Concen: 45.535 ng

RT: 26.274 min Scan# 39

Delta R.T. -0.000 min

Lab File: BM041267.D

Acq: 03 Aug 2023 18:23

Instrument :

BNA_M

ClientSampleId :

TP-2MSD

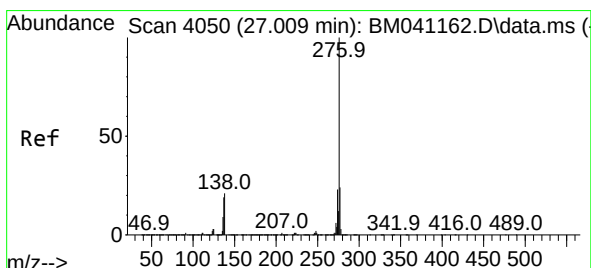
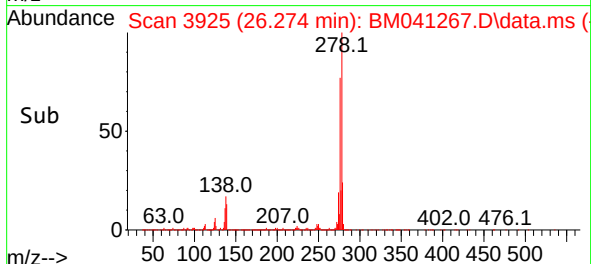
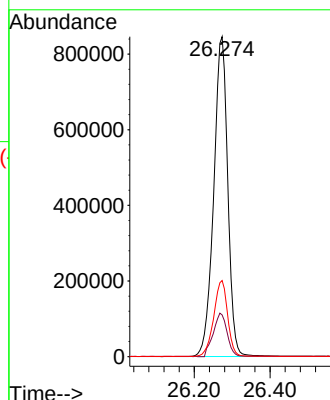
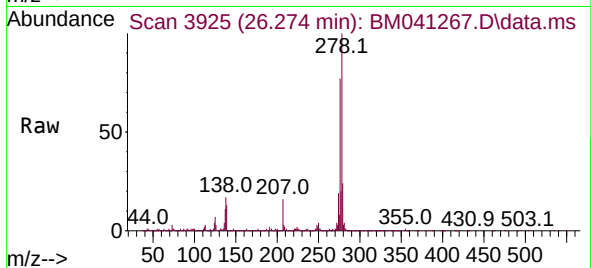
Tgt Ion:278 Resp: 2182039

Ion Ratio Lower Upper

278 100

139 13.0 12.7 19.1

279 23.8 19.1 28.7



#92

Benzo(g,h,i)perylene

Concen: 43.201 ng

RT: 27.015 min Scan# 4051

Delta R.T. -0.000 min

Lab File: BM041267.D

Acq: 03 Aug 2023 18:23

Tgt Ion:276 Resp: 2025644

Ion Ratio Lower Upper

276 100

277 24.4 19.1 28.7

138 18.1 17.1 25.7

