

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM112822\
 Data File : BM037755.D
 Acq On : 28 Nov 2022 12:17
 Operator : CG/JU
 Sample : N5658-02MS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Nov 28 22:27:35 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM112322.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Nov 28 22:24:47 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.110	152	178956	20.000	ng/ul	0.00
20) Naphthalene-d8	10.934	136	877959	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.734	164	574533	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.475	188	1220817	20.000	ng/ul	0.00
79) Chrysene-d12	21.639	240	1109537	20.000	ng/ul	0.00
88) Perylene-d12	24.127	264	940253	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.434	96	22945	5.317	ng/uL	0.00
4) Pyridine-d5	3.881	84	59018	4.202	ng/ul	0.01
7) Phenol-d5	7.258	99	513044	28.736	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.428	67	339758	28.528	ng/ul	0.00
11) 2-Chlorophenol-d4	7.634	132	375847	30.296	ng/ul	0.00
15) 4-Methylphenol-d8	8.822	113	406699	28.626	ng/ul	0.00
21) Nitrobenzene-d5	9.281	128	206499	30.002	ng/ul	0.00
24) 2-Nitrophenol-d4	10.004	143	204217	30.112	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.546	165	373459	30.091	ng/ul	0.00
31) 4-Chloroaniline-d4	11.063	131	351571	17.071	ng/ul	0.00
46) Dimethylphthalate-d6	14.139	166	1219462	29.966	ng/ul	0.00
49) Acenaphthylene-d8	14.434	160	1445294	30.089	ng/ul	0.00
54) 4-Nitrophenol-d4	14.922	143	250002	27.890	ng/ul	0.00
60) Fluorene-d10	15.722	176	1092537	30.654	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.833	200	178229	27.139	ng/ul	0.00
73) Anthracene-d10	17.569	188	1751065	30.672	ng/ul	0.00
81) Pyrene-d10	19.851	212	1963900	34.831	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.968	264	1544953	31.922	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.470	88	53100	11.193	ng/uL	92
5) Pyridine	3.899	79	146769	10.276	ng/ul	95
6) Benzaldehyde	7.240	77	338573	36.131	ng/ul	97
8) Phenol	7.287	94	559437	29.894	ng/ul#	91
10) Bis(2-Chloroethyl)ether	7.522	93	434350	28.629	ng/ul	99
12) 2-Chlorophenol	7.669	128	418622	30.889	ng/ul	99
13) 2-Methylphenol	8.552	108	416359	29.164	ng/ul	97
14) 2,2'-oxybis(1-Chloropr...	8.640	45	780617	28.485	ng/ul	99
16) Acetophenone	8.940	105	713271	30.498	ng/ul	96
17) N-Nitroso-di-n-propyla...	8.928	70	402525	29.365	ng/ul	96
18) 4-Methylphenol	8.881	108	460281	29.182	ng/ul	98
19) Hexachloroethane	9.199	117	191644	32.696	ng/ul	95
22) Nitrobenzene	9.322	77	601477	32.049	ng/ul	98
23) Isophorone	9.851	82	1108584	29.309	ng/ul	99
25) 2-Nitrophenol	10.040	139	240599	31.366	ng/ul	92
26) 2,4-Dimethylphenol	10.093	107	486216	28.863	ng/ul	96
27) Bis(2-Chloroethoxy)met...	10.334	93	626736	28.884	ng/ul	99
29) 2,4-Dichlorophenol	10.575	162	394564	31.076	ng/ul	100
30) Naphthalene	10.981	128	1451949	30.246	ng/ul	99
32) 4-Chloroaniline	11.087	127	548075	25.537	ng/ul	99
33) Hexachlorobutadiene	11.263	225	217268	32.597	ng/ul	97
34) Caprolactam	11.875	113	90842	17.179	ng/ul	97
35) 4-Chloro-3-methylphenol	12.198	107	513177	31.618	ng/ul	95
36) 2-Methylnaphthalene	12.581	142	1002987	30.077	ng/ul	97

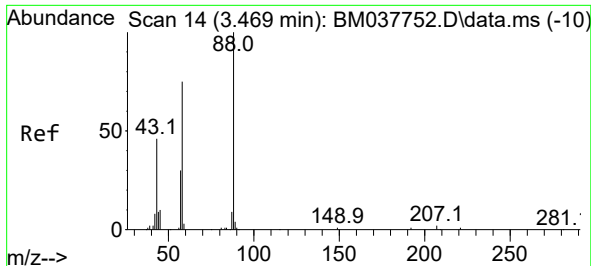
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM112822\
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.798	142	1008323	30.056	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.940	216	422330	29.937	ng/ul	95
40) Hexachlorocyclopentadiene	12.922	237	232142	26.425	ng/ul	98
41) 2,4,6-Trichlorophenol	13.175	196	302679	29.796	ng/ul	99
42) 2,4,5-Trichlorophenol	13.245	196	331721	30.519	ng/ul	98
43) 1,1'-Biphenyl	13.575	154	1327441	30.426	ng/ul	98
44) 2-Chloronaphthalene	13.622	162	1009015	29.755	ng/ul	96
45) 2-Nitroaniline	13.822	65	429145	33.380	ng/ul	100
47) Dimethylphthalate	14.187	163	1328894	30.720	ng/ul	100
48) 2,6-Dinitrotoluene	14.310	165	269329	32.243	ng/ul	91
50) Acenaphthylene	14.463	152	1669849	30.755	ng/ul	100
51) 3-Nitroaniline	14.639	138	311234	30.707	ng/ul	100
52) Acenaphthene	14.798	153	1193958	30.747	ng/ul	99
53) 2,4-Dinitrophenol	14.839	184	134058	27.354	ng/ul	95
55) 4-Nitrophenol	14.934	109	279547	34.800	ng/ul#	85
56) Dibenzofuran	15.134	168	1564149	30.862	ng/ul	95
57) 2,4-Dinitrotoluene	15.092	165	406578	33.172	ng/ul	92
58) 2,3,4,6-Tetrachlorophenol	15.351	232	285934	32.063	ng/ul	95
59) Diethylphthalate	15.545	149	1526519	32.696	ng/ul	100
61) Fluorene	15.781	166	1374202	31.301	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.769	204	611397	31.924	ng/ul	97
63) 4-Nitroaniline	15.798	138	332352	34.501	ng/ul#	86
66) 4,6-Dinitro-2-methylph...	15.851	198	209709	30.087	ng/ul	96
67) N-Nitrosodiphenylamine	15.980	169	1171847	30.893	ng/ul	97
68) 4-Bromophenyl-phenylether	16.657	248	348274	35.468	ng/ul	95
69) Hexachlorobenzene	16.780	284	385286	30.551	ng/ul	97
70) Atrazine	16.927	200	392981	30.522	ng/ul	97
71) Pentachlorophenol	17.116	266	221409	26.515	ng/ul	96
72) Phenanthrene	17.516	178	2259832	31.600	ng/ul	99
74) Anthracene	17.604	178	2250936	31.003	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.545	216	428275	29.325	ng/ul	99
76) Pentachlorobenzene	15.051	250	422501	27.200	ng/ul	99
77) Carbazole	17.875	167	2121631	30.737	ng/ul	99
78) Di-n-butylphthalate	18.427	149	2896388	28.988	ng/ul	99
80) Fluoranthene	19.521	202	2570210	35.684	ng/ul	96
82) Pyrene	19.880	202	2693718	35.408	ng/ul	97
83) Butylbenzylphthalate	20.763	149	1317197	37.168	ng/ul	100
84) 3,3'-Dichlorobenzidine	21.551	252	582033	26.119	ng/ul	98
85) Benzo(a)anthracene	21.621	228	2416718	32.558	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.533	149	1904674	35.572	ng/ul	98
87) Chrysene	21.674	228	2242044	32.097	ng/ul	99
89) Di-n-octyl phthalate	22.486	149	3145319	39.160	ng/ul	100
90) Benzo(b)fluoranthene	23.368	252	2156601	33.739	ng/ul	98
91) Benzo(k)fluoranthene	23.415	252	2055275	32.971	ng/ul	98
93) Benzo(a)pyrene	24.021	252	1799508	32.391	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.745	276	1819598	28.550	ng/ul	97
95) Dibenzo(a,h)anthracene	26.756	278	1594063	27.857	ng/ul	99
96) Benzo(g,h,i)perylene	27.544	276	1348664	24.300	ng/ul	96

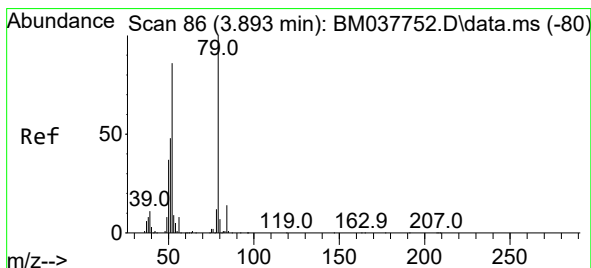
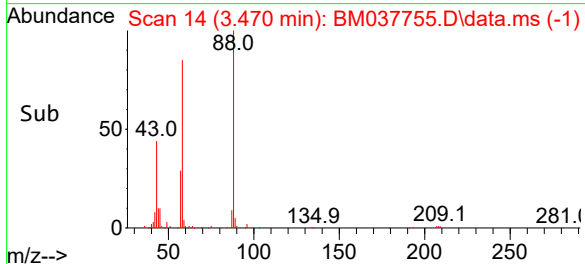
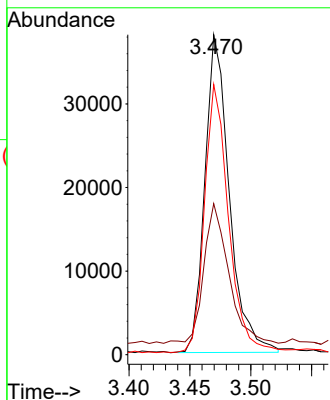
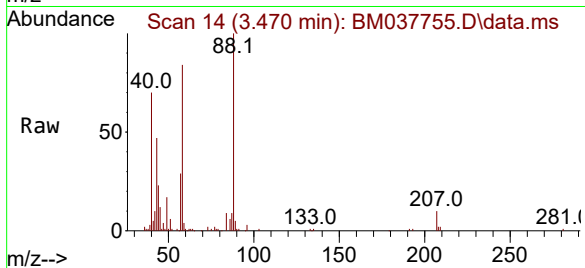
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#2
1,4-Dioxane
Concen: 11.193 ng/uL
RT: 3.470 min Scan# 14
Delta R.T. 0.000 min
Lab File: BM037755.D
Acq: 28 Nov 2022 12:17

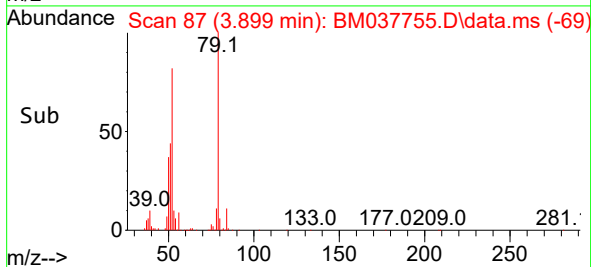
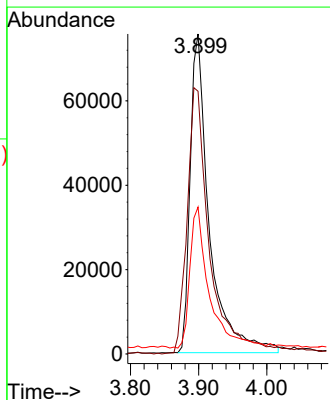
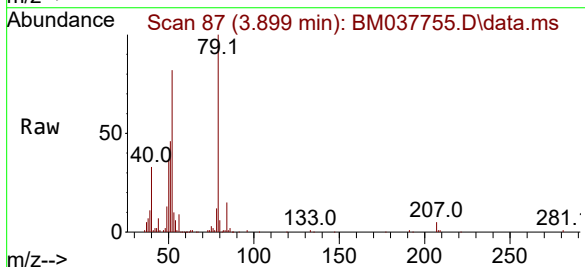
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ClientSampleId :

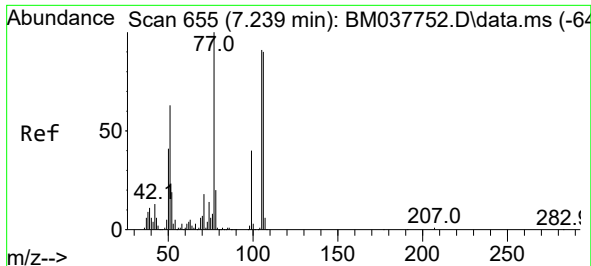
Tgt Ion: 88 Resp: 53100
Ion Ratio Lower Upper
88 100
43 47.2 42.8 64.2
58 84.4 62.6 94.0



#5
Pyridine
Concen: 10.276 ng/uL
RT: 3.899 min Scan# 87
Delta R.T. 0.006 min
Lab File: BM037755.D
Acq: 28 Nov 2022 12:17

Tgt Ion: 79 Resp: 146769
Ion Ratio Lower Upper
79 100
52 82.1 68.2 102.4
51 45.9 32.4 48.6

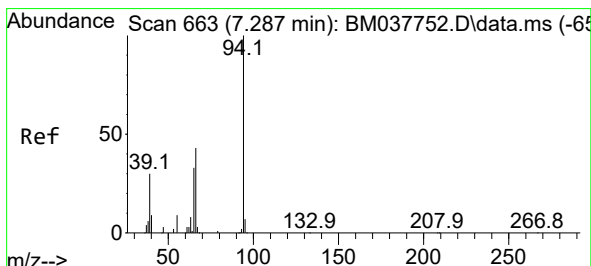
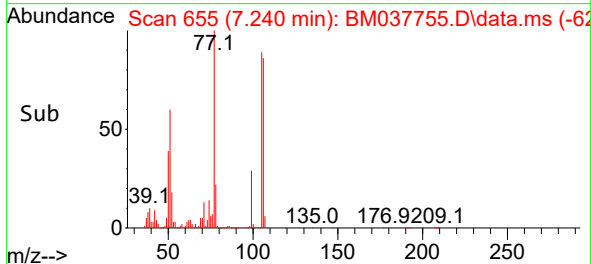
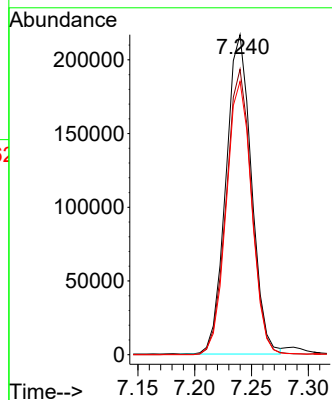
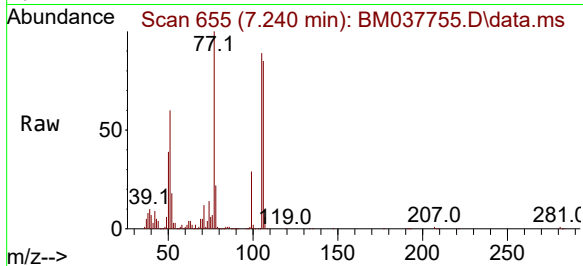




#6
Benzaldehyde
Concen: 36.131 ng/ul
RT: 7.240 min Scan# 655
Delta R.T. 0.000 min
Lab File: BM037755.D
Acq: 28 Nov 2022 12:17

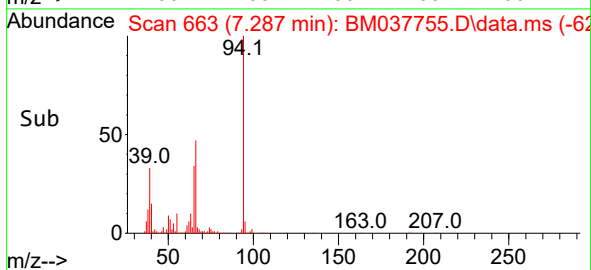
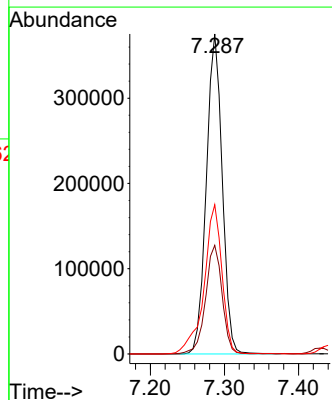
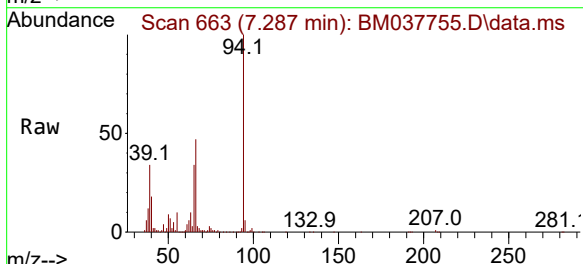
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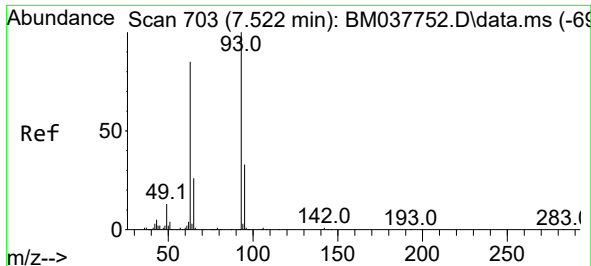
Tgt Ion: 77 Resp: 338573
Ion Ratio Lower Upper
77 100
105 89.2 73.4 110.0
106 85.4 70.2 105.2



#8
Phenol
Concen: 29.894 ng/ul
RT: 7.287 min Scan# 663
Delta R.T. 0.000 min
Lab File: BM037755.D
Acq: 28 Nov 2022 12:17

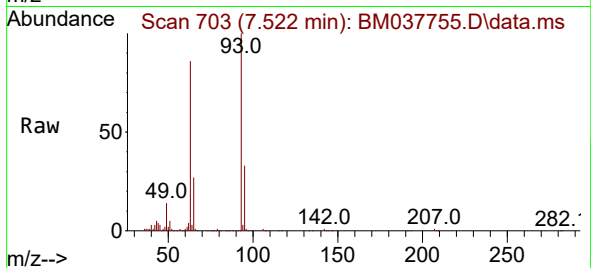
Tgt Ion: 94 Resp: 559437
Ion Ratio Lower Upper
94 100
65 34.0 25.0 37.4
66 46.6 31.0 46.6#



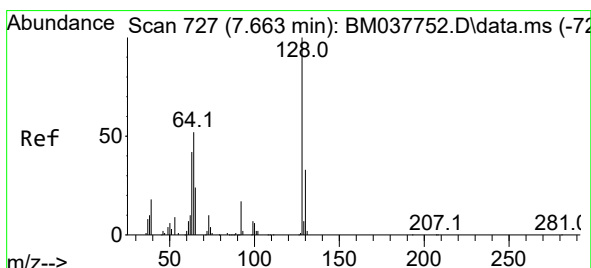
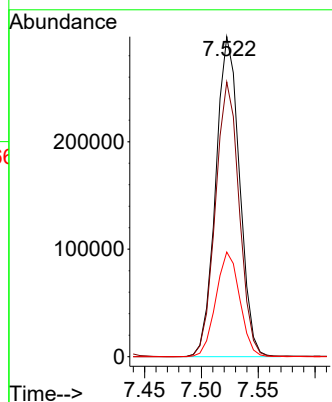
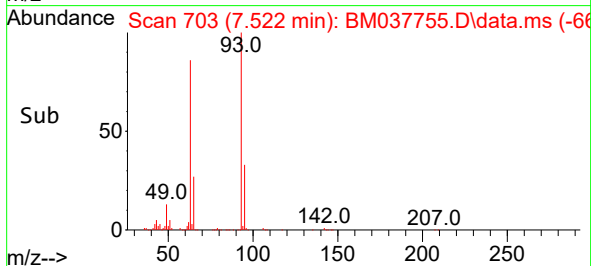


#10
Bis(2-Chloroethyl)ether
Concen: 28.629 ng/ul
RT: 7.522 min Scan# 703
Delta R.T. 0.000 min
Lab File: BM037755.D
Acq: 28 Nov 2022 12:17

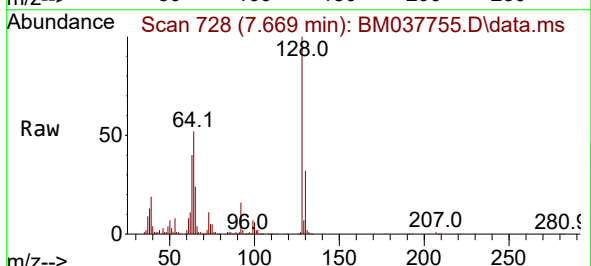
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ClientSampleId :



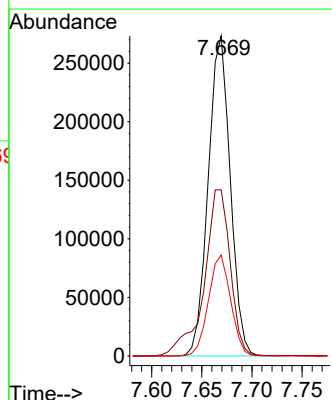
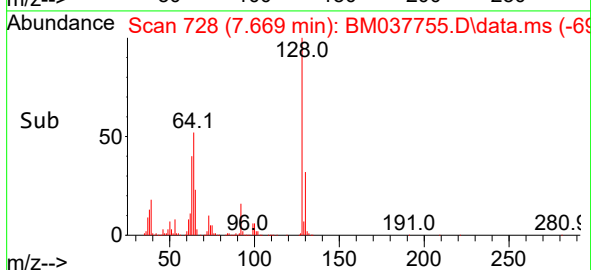
Tgt Ion: 93 Resp: 434350
Ion Ratio Lower Upper
93 100
63 85.9 68.6 103.0
95 32.7 27.1 40.7

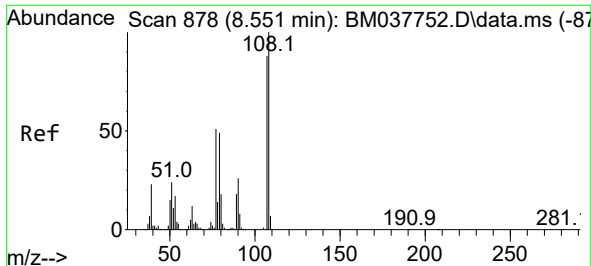


#12
2-Chlorophenol
Concen: 30.889 ng/ul
RT: 7.669 min Scan# 728
Delta R.T. 0.006 min
Lab File: BM037755.D
Acq: 28 Nov 2022 12:17



Tgt Ion: 128 Resp: 418622
Ion Ratio Lower Upper
128 100
64 51.9 42.2 63.4
130 31.5 26.1 39.1





#13

2-Methylphenol

Concen: 29.164 ng/ul

RT: 8.552 min Scan# 81

Delta R.T. 0.000 min

Lab File: BM037755.D

Acq: 28 Nov 2022 12:17

Instrument :

BNA_M

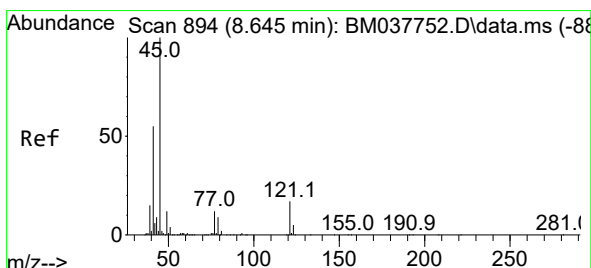
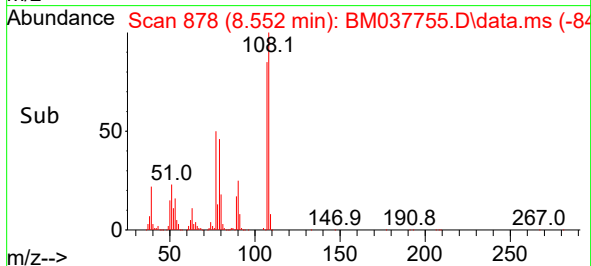
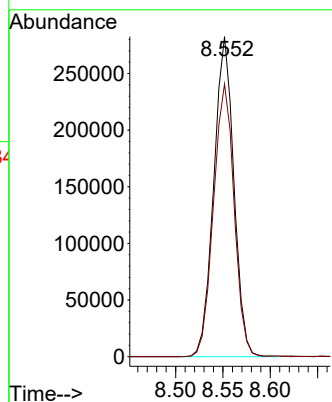
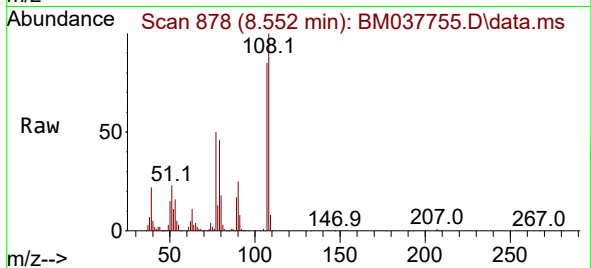
ClientSampleId :

Tgt Ion:108 Resp: 416359

Ion Ratio Lower Upper

108 100

107 85.2 70.6 106.0



#14

2,2'-oxybis(1-Chloropropane)

Concen: 28.485 ng/ul

RT: 8.640 min Scan# 893

Delta R.T. -0.005 min

Lab File: BM037755.D

Acq: 28 Nov 2022 12:17

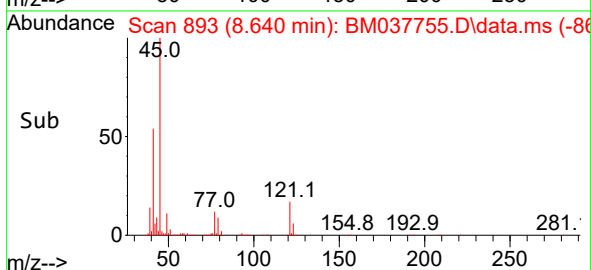
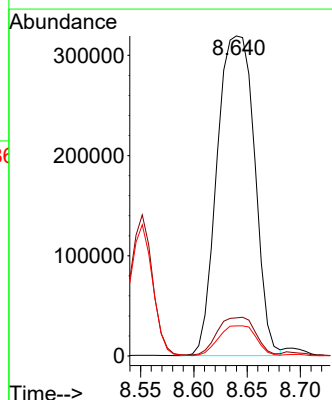
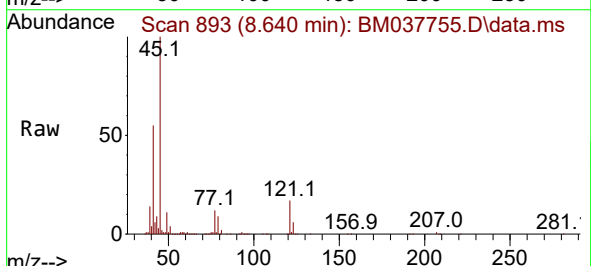
Tgt Ion: 45 Resp: 780617

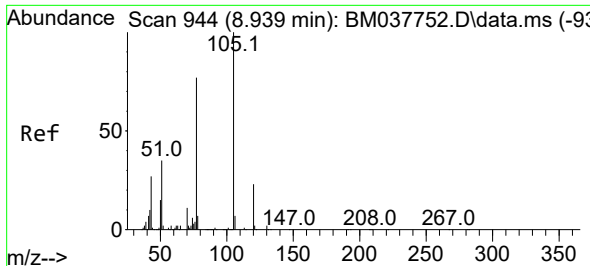
Ion Ratio Lower Upper

45 100

77 11.9 9.4 14.0

79 9.4 7.3 10.9

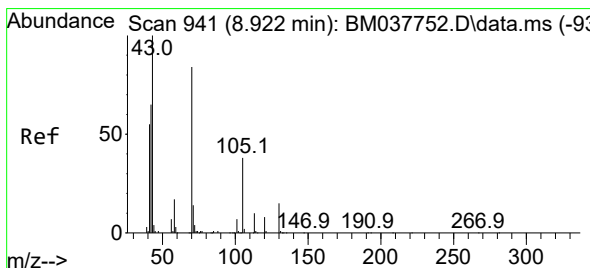
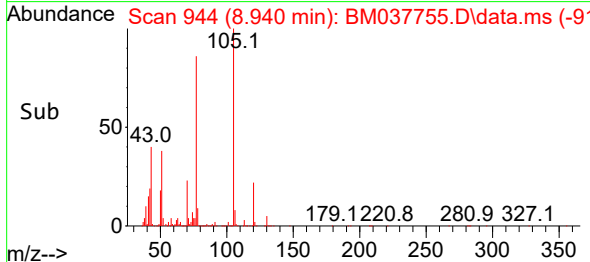
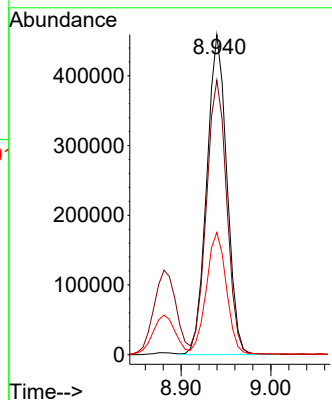
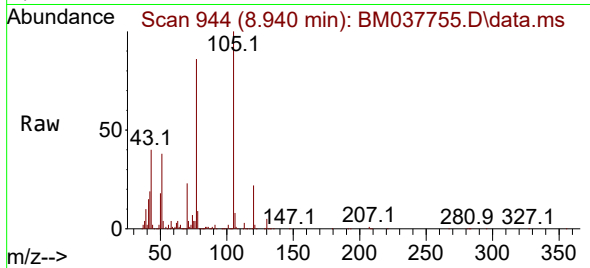




#16
Acetophenone
Concen: 30.498 ng/ul
RT: 8.940 min Scan# 944
Delta R.T. 0.000 min
Lab File: BM037755.D
Acq: 28 Nov 2022 12:17

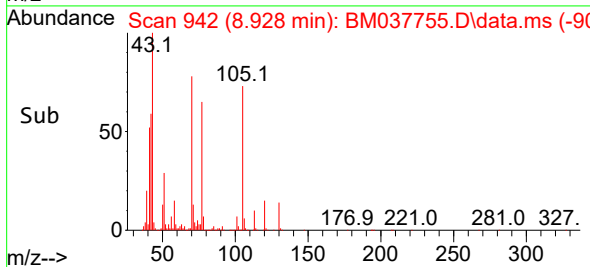
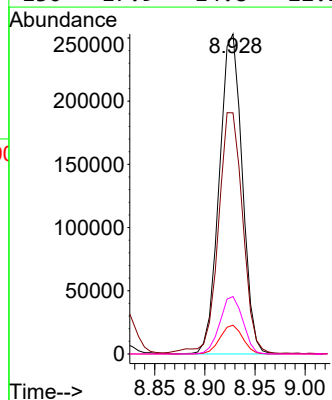
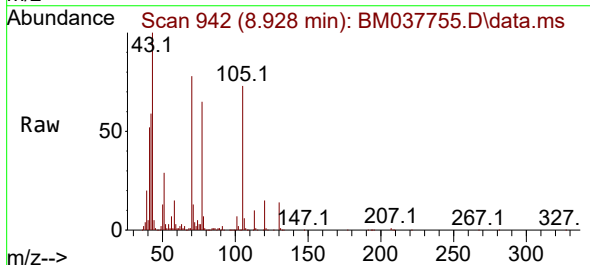
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BNA_M
ClientSampleId :

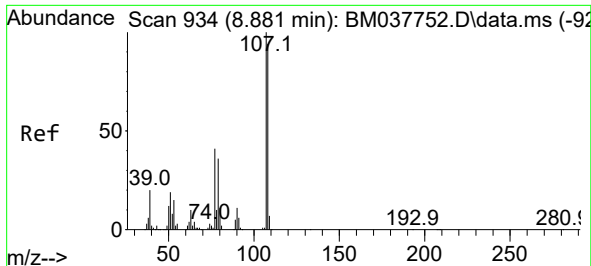
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Ion Ratio Lower Upper
105 100
77 85.8 66.6 99.8
51 38.2 27.3 40.9



#17
N-Nitroso-di-n-propylamine
Concen: 29.365 ng/ul
RT: 8.928 min Scan# 942
Delta R.T. 0.006 min
Lab File: BM037755.D
Acq: 28 Nov 2022 12:17

Tgt Ion: 70 Resp: 402525
Ion Ratio Lower Upper
70 100
42 75.3 57.1 85.7
101 9.0 7.0 10.6
130 17.9 14.8 22.2

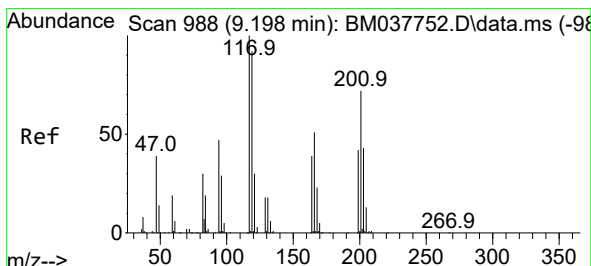
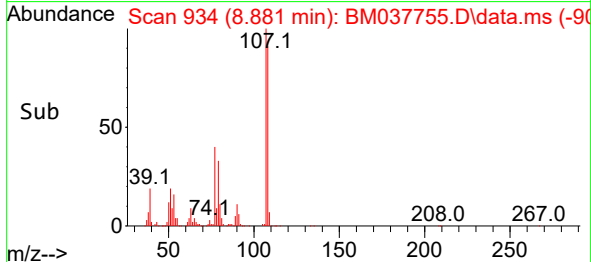
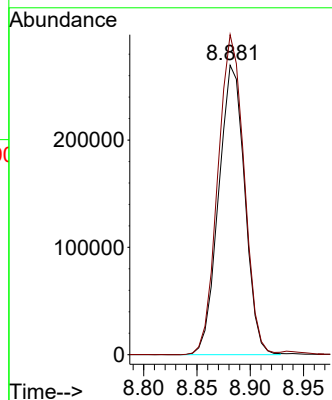
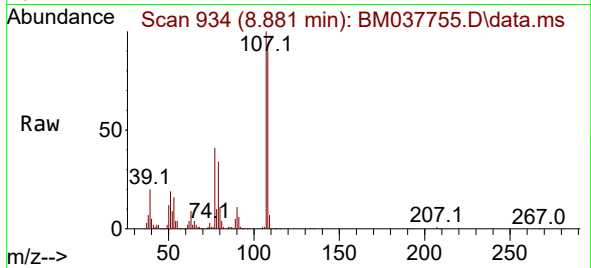




#18
4-Methylphenol
Concen: 29.182 ng/ul
RT: 8.881 min Scan# 911
Delta R.T. 0.000 min
Lab File: BM037755.D
Acq: 28 Nov 2022 12:17

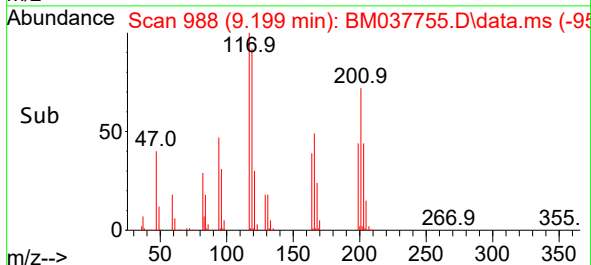
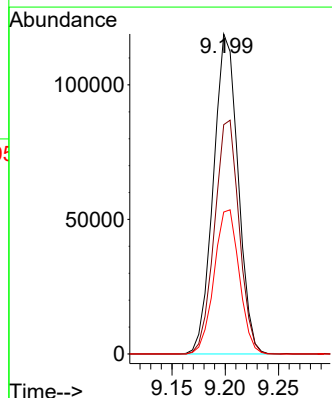
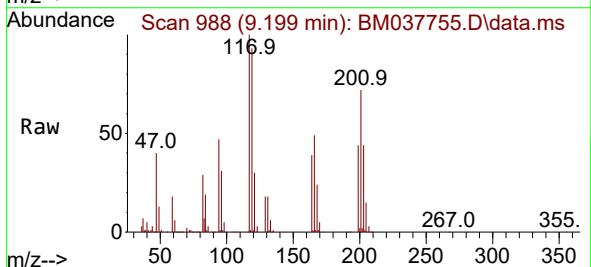
Instrument :
BNA_M
ClientSampleId :

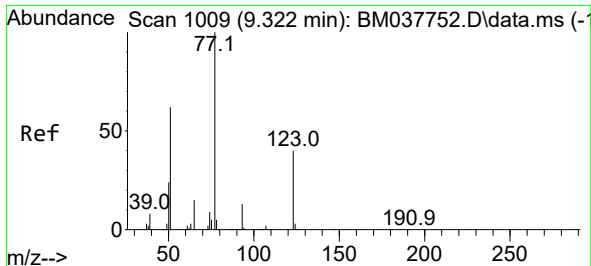
Tgt Ion:108 Resp: 460281
Ion Ratio Lower Upper
108 100
107 110.5 90.4 135.6



#19
Hexachloroethane
Concen: 32.696 ng/ul
RT: 9.199 min Scan# 988
Delta R.T. 0.000 min
Lab File: BM037755.D
Acq: 28 Nov 2022 12:17

Tgt Ion:117 Resp: 191644
Ion Ratio Lower Upper
117 100
201 71.7 60.4 90.6
199 44.4 38.1 57.1

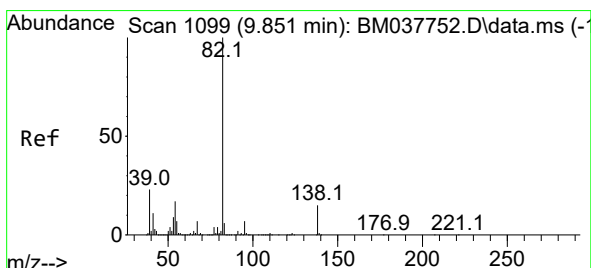
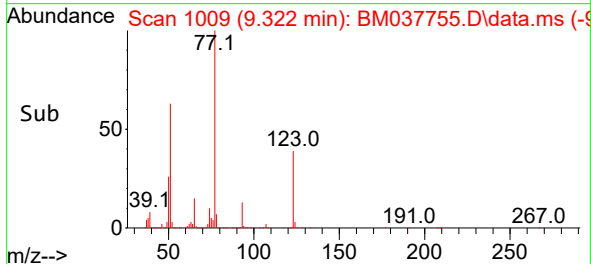
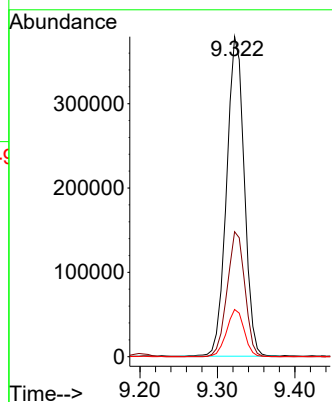
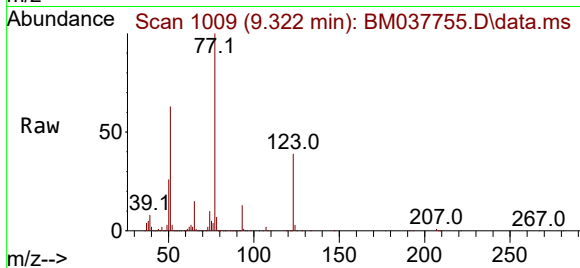




#22
Nitrobenzene
Concen: 32.049 ng/ul
RT: 9.322 min Scan# 1009
Delta R.T. 0.000 min
Lab File: BM037755.D
Acq: 28 Nov 2022 12:17

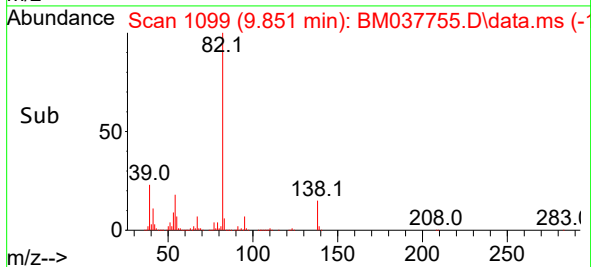
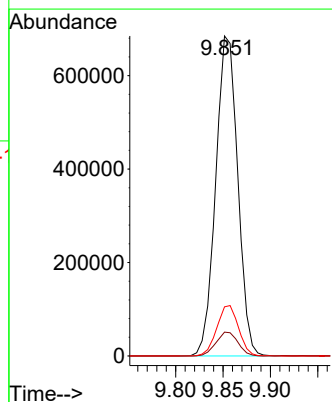
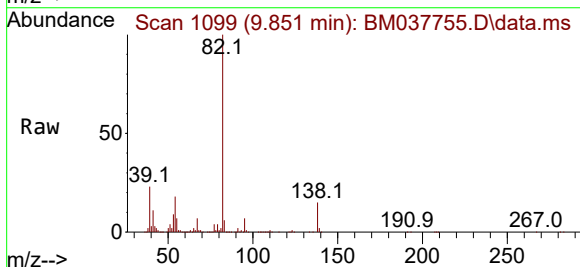
Instrument :
BNA_M
ClientSampleId :

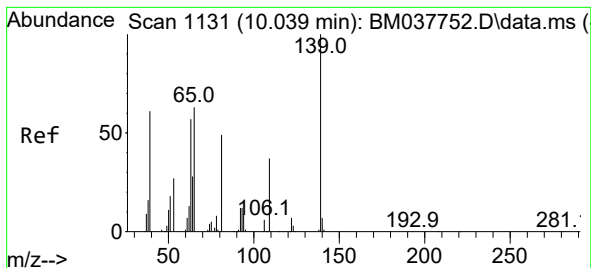
Tgt Ion: 77 Resp: 601477
Ion Ratio Lower Upper
77 100
123 39.0 32.4 48.6
65 14.8 11.4 17.0



#23
Isophorone
Concen: 29.309 ng/ul
RT: 9.851 min Scan# 1099
Delta R.T. 0.000 min
Lab File: BM037755.D
Acq: 28 Nov 2022 12:17

Tgt Ion: 82 Resp: 1108584
Ion Ratio Lower Upper
82 100
95 7.5 5.3 7.9
138 15.3 12.5 18.7

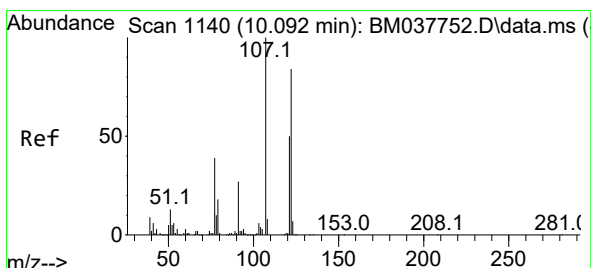
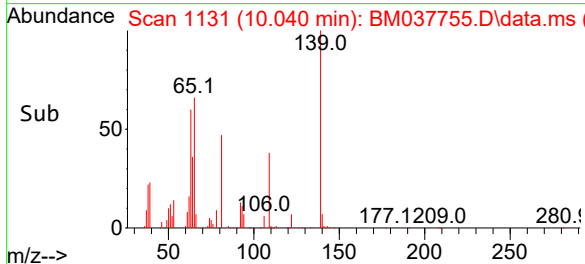
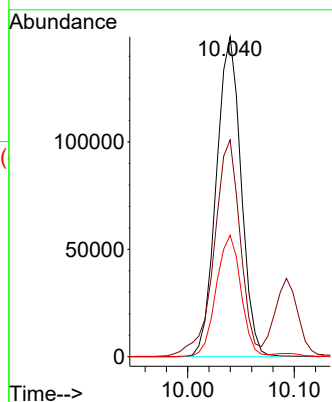
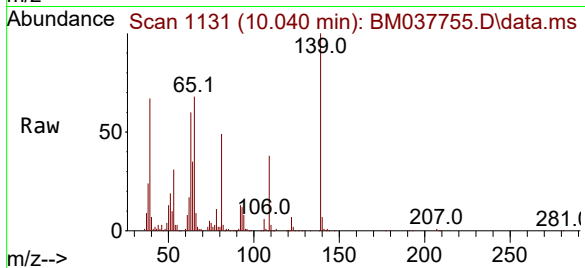




#25
2-Nitrophenol
Concen: 31.366 ng/ul
RT: 10.040 min Scan# 1131
Delta R.T. 0.000 min
Lab File: BM037755.D
Acq: 28 Nov 2022 12:17

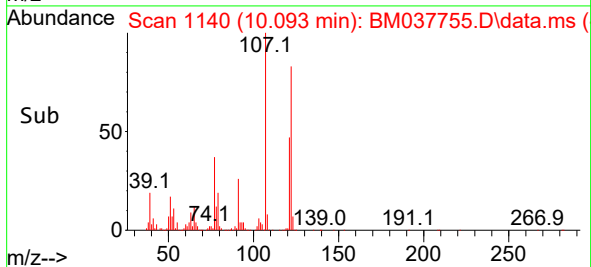
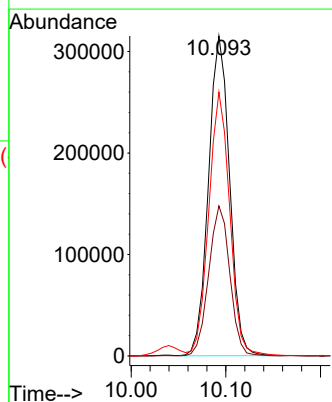
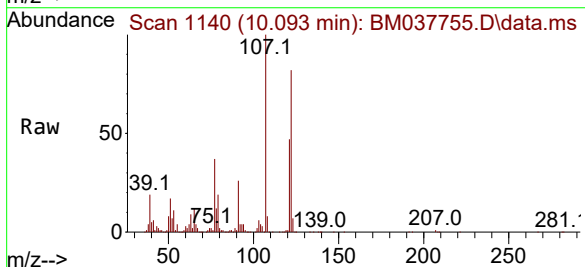
Instrument :
BNA_M
ClientSampleId :

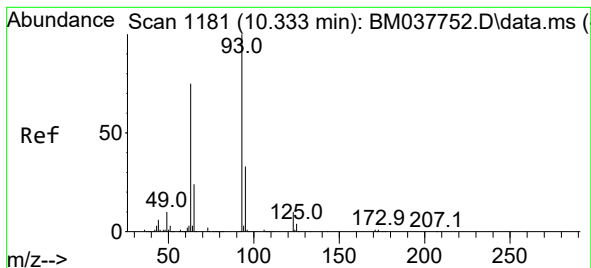
Tgt Ion:139 Resp: 240599
Ion Ratio Lower Upper
139 100
65 67.8 49.6 74.4
109 37.9 25.8 38.6



#26
2,4-Dimethylphenol
Concen: 28.863 ng/ul
RT: 10.093 min Scan# 1140
Delta R.T. 0.000 min
Lab File: BM037755.D
Acq: 28 Nov 2022 12:17

Tgt Ion:107 Resp: 486216
Ion Ratio Lower Upper
107 100
121 46.9 39.6 59.4
122 82.5 69.0 103.6

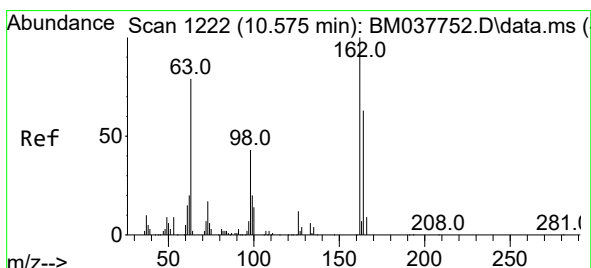
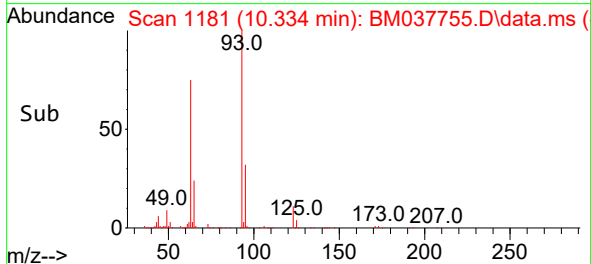
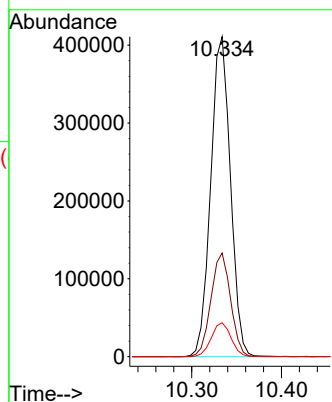
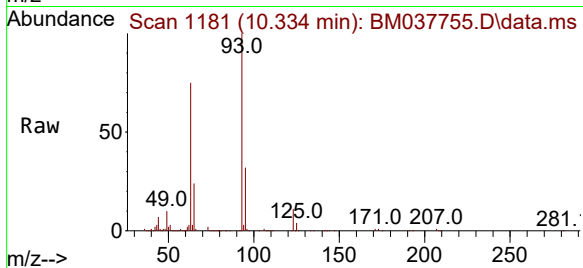




#27
 Bis(2-Chloroethoxy)methane
 Concen: 28.884 ng/ul
 RT: 10.334 min Scan# 1181
 Delta R.T. 0.000 min
 Lab File: BM037755.D
 Acq: 28 Nov 2022 12:17

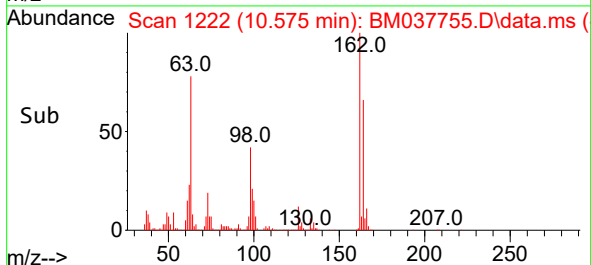
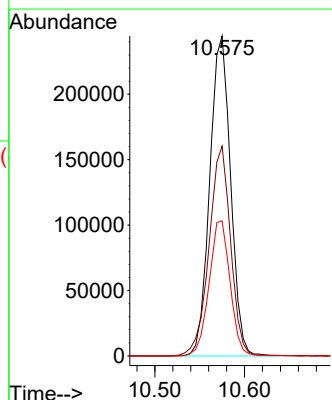
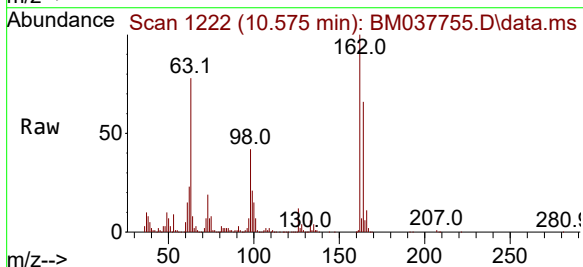
Instrument :
 BNA_M
 ClientSampleId :

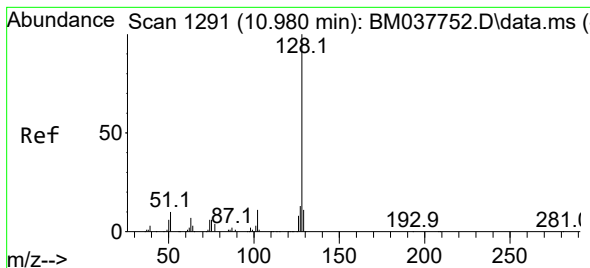
Tgt Ion: 93 Resp: 626736
 Ion Ratio Lower Upper
 93 100
 95 32.4 26.4 39.6
 123 10.6 8.6 13.0



#29
 2,4-Dichlorophenol
 Concen: 31.076 ng/ul
 RT: 10.575 min Scan# 1222
 Delta R.T. 0.000 min
 Lab File: BM037755.D
 Acq: 28 Nov 2022 12:17

Tgt Ion:162 Resp: 394564
 Ion Ratio Lower Upper
 162 100
 164 65.6 52.6 79.0
 98 42.2 33.6 50.4

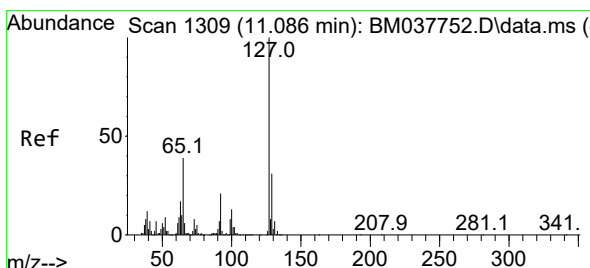
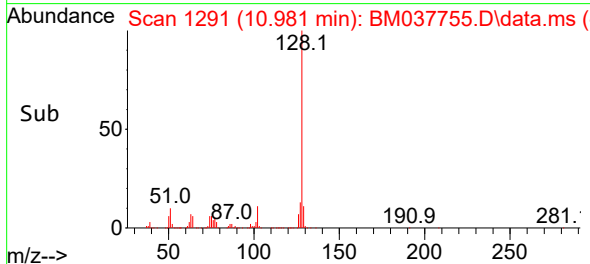
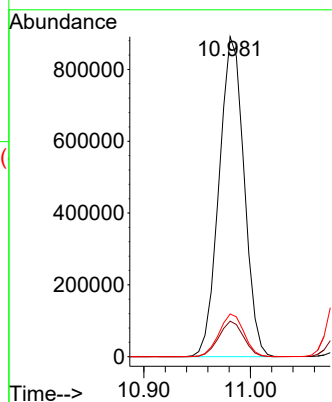
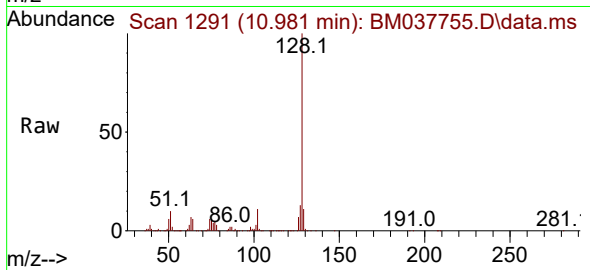




#30
Naphthalene
Concen: 30.246 ng/ul
RT: 10.981 min Scan# 1291
Delta R.T. 0.000 min
Lab File: BM037755.D
Acq: 28 Nov 2022 12:17

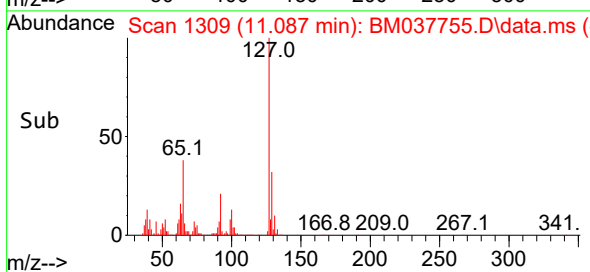
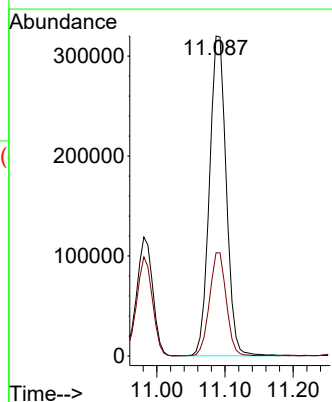
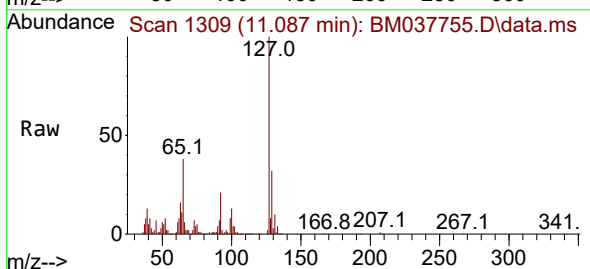
Instrument :
BNA_M
ClientSampleId :

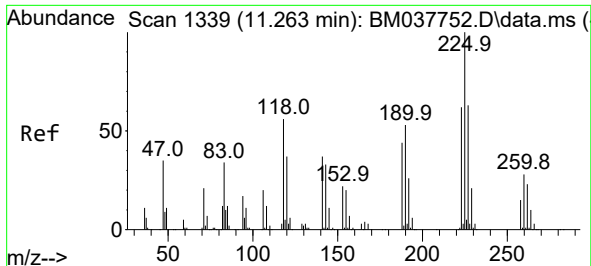
Tgt Ion:128 Resp: 1451949
Ion Ratio Lower Upper
128 100
129 11.1 8.6 12.8
127 13.3 10.4 15.6



#32
4-Chloroaniline
Concen: 25.537 ng/ul
RT: 11.087 min Scan# 1309
Delta R.T. 0.000 min
Lab File: BM037755.D
Acq: 28 Nov 2022 12:17

Tgt Ion:127 Resp: 548075
Ion Ratio Lower Upper
127 100
129 32.3 26.1 39.1

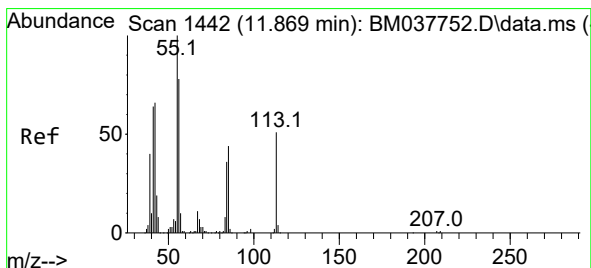
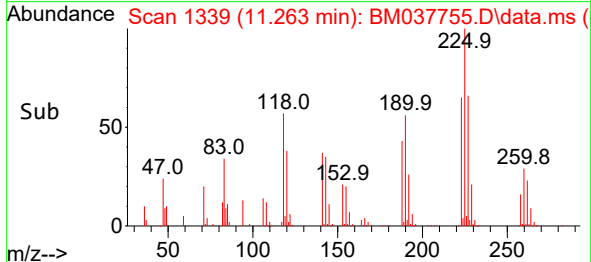
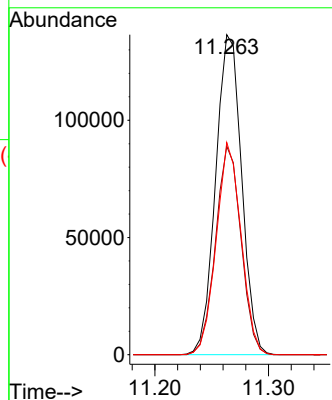
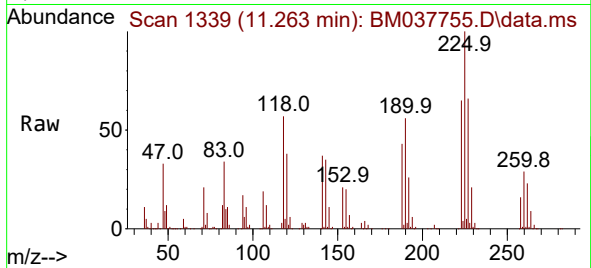




#33
Hexachlorobutadiene
Concen: 32.597 ng/ul
RT: 11.263 min Scan# 11
Delta R.T. 0.000 min
Lab File: BM037755.D
Acq: 28 Nov 2022 12:17

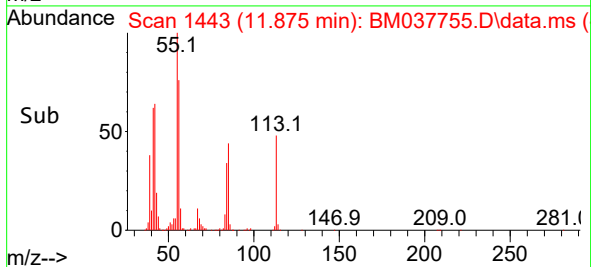
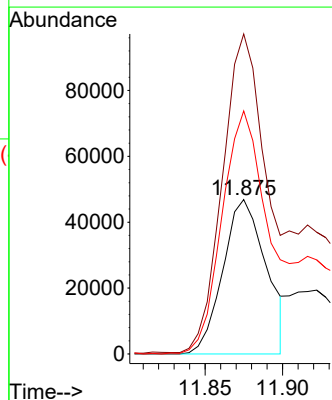
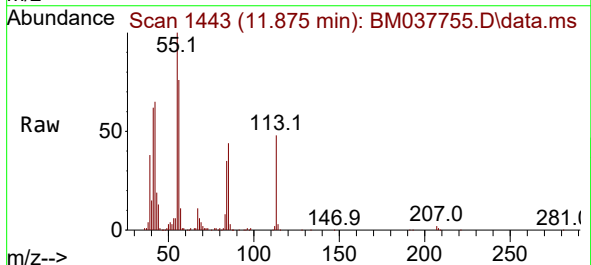
Instrument :
BNA_M
ClientSampleId :

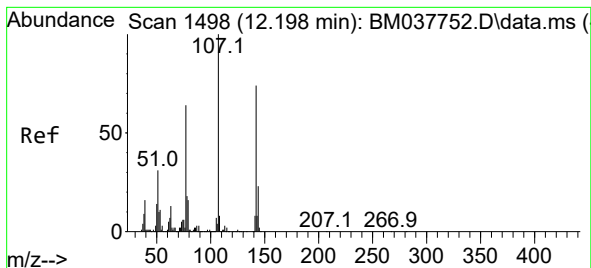
Tgt Ion:225 Resp: 217268
Ion Ratio Lower Upper
225 100
223 65.1 51.1 76.7
227 66.3 50.7 76.1



#34
Caprolactam
Concen: 17.179 ng/ul
RT: 11.875 min Scan# 1443
Delta R.T. 0.006 min
Lab File: BM037755.D
Acq: 28 Nov 2022 12:17

Tgt Ion:113 Resp: 90842
Ion Ratio Lower Upper
113 100
55 207.2 163.3 244.9
56 157.4 120.3 180.5

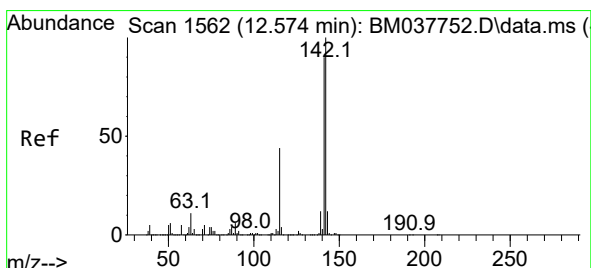
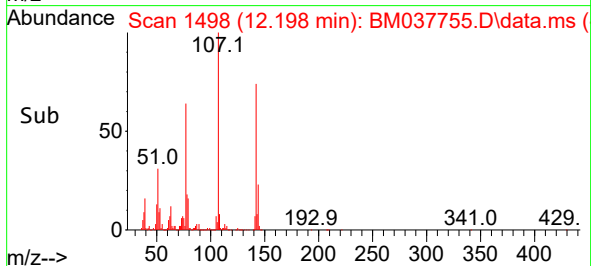
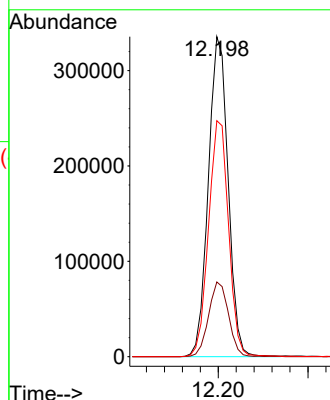
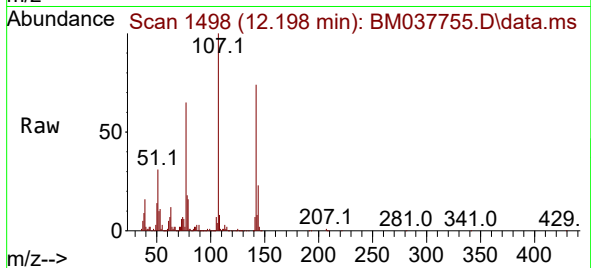




#35
4-Chloro-3-methylphenol
Concen: 31.618 ng/ul
RT: 12.198 min Scan# 1498
Delta R.T. 0.000 min
Lab File: BM037755.D
Acq: 28 Nov 2022 12:17

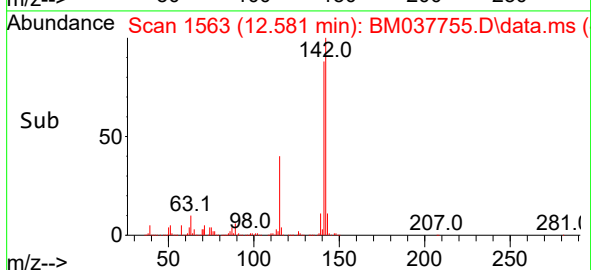
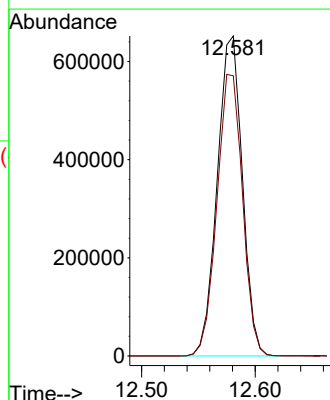
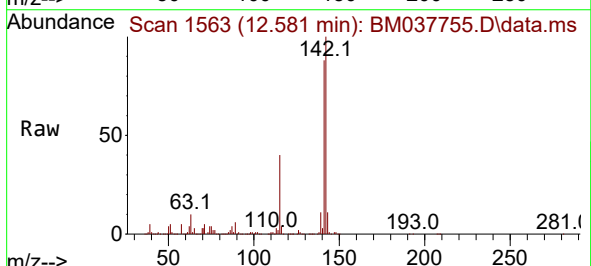
Instrument :
BNA_M
ClientSampleId :

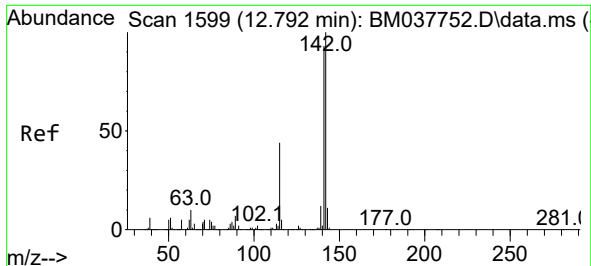
Tgt Ion:107 Resp: 513177
Ion Ratio Lower Upper
107 100
144 23.4 20.2 30.4
142 73.8 62.6 93.8



#36
2-Methylnaphthalene
Concen: 30.077 ng/ul
RT: 12.581 min Scan# 1563
Delta R.T. 0.006 min
Lab File: BM037755.D
Acq: 28 Nov 2022 12:17

Tgt Ion:142 Resp: 1002987
Ion Ratio Lower Upper
142 100
141 87.6 72.2 108.4





#37

1-Methylnaphthalene

Concen: 30.056 ng/ul

RT: 12.798 min Scan# 1

Delta R.T. 0.006 min

Lab File: BM037755.D

Acq: 28 Nov 2022 12:17

Instrument :

BNA_M

ClientSampleId :

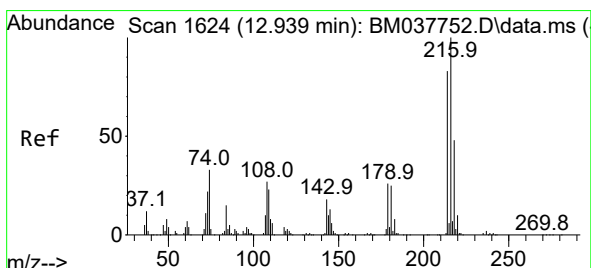
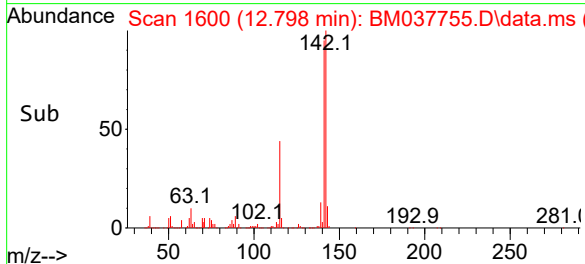
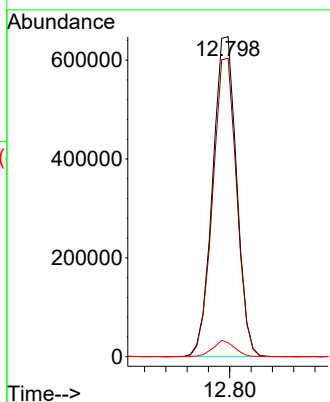
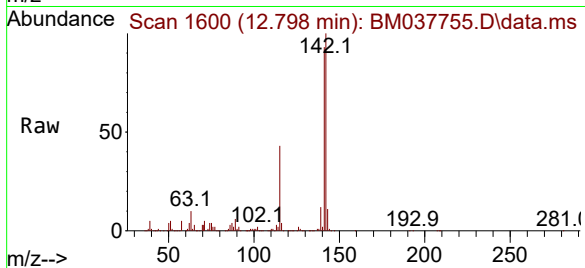
Tgt Ion:142 Resp: 1008323

Ion Ratio Lower Upper

142 100

141 93.3 73.3 109.9

116 4.4 3.2 4.8



#39

1,2,4,5-Tetrachlorobenzene

Concen: 29.937 ng/ul

RT: 12.940 min Scan# 1624

Delta R.T. 0.000 min

Lab File: BM037755.D

Acq: 28 Nov 2022 12:17

Tgt Ion:216 Resp: 422330

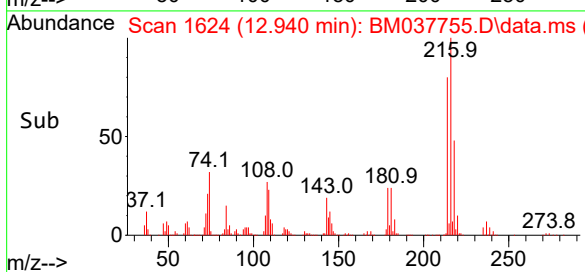
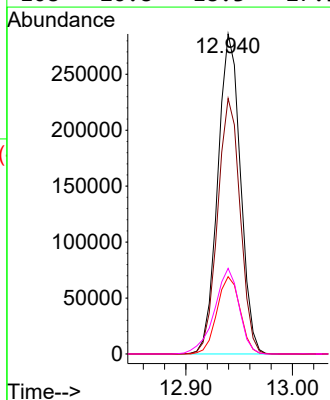
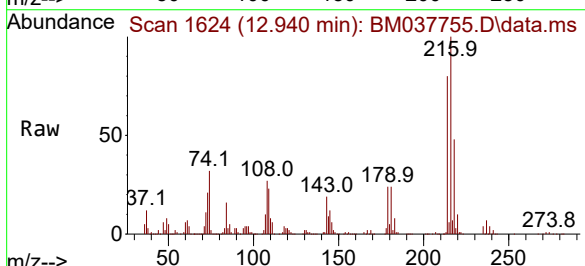
Ion Ratio Lower Upper

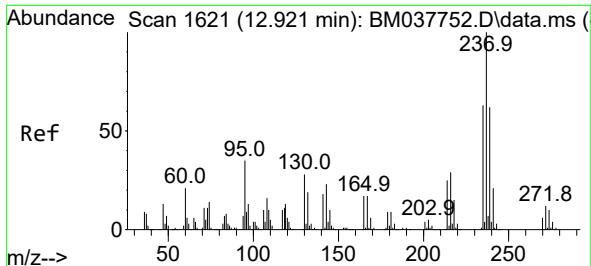
216 100

214 79.9 60.2 90.4

179 24.1 18.6 27.8

108 26.8 18.3 27.5

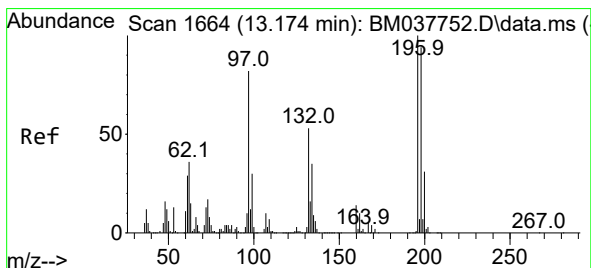
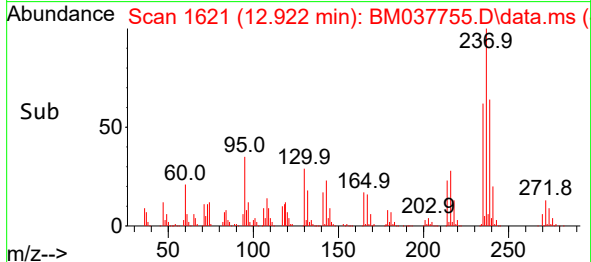
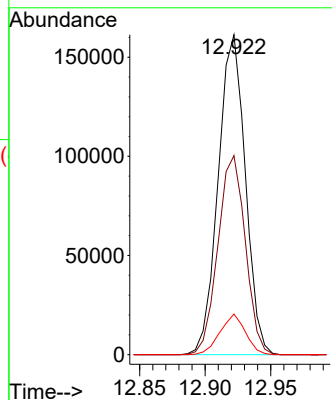
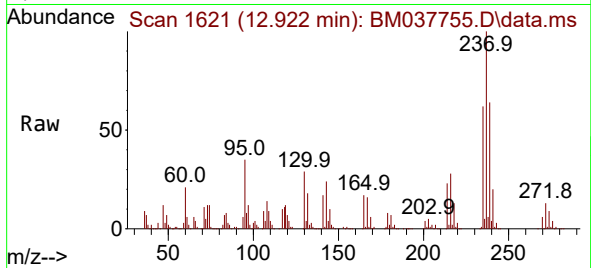




#40
Hexachlorocyclopentadiene
Concen: 26.425 ng/ul
RT: 12.922 min Scan# 1621
Delta R.T. 0.000 min
Lab File: BM037755.D
Acq: 28 Nov 2022 12:17

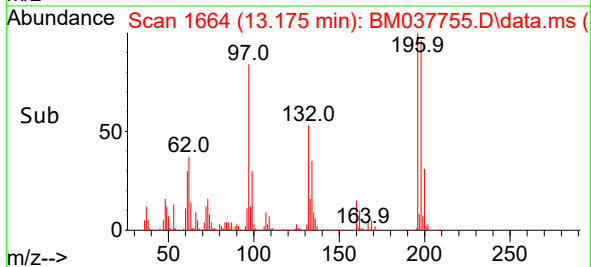
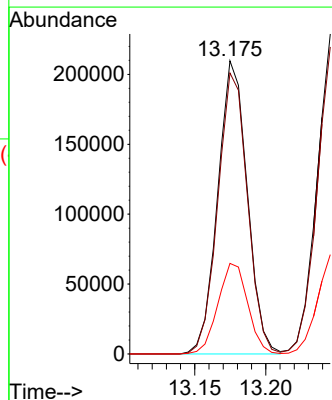
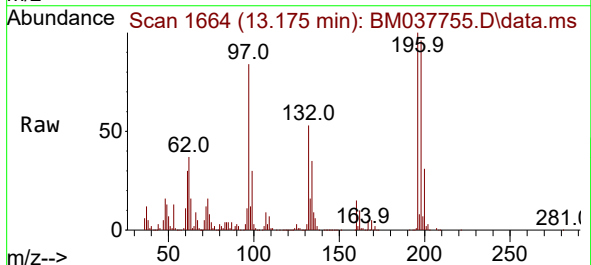
Instrument :
BNA_M
ClientSampleId :

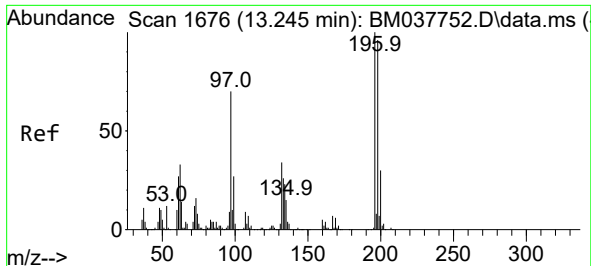
Tgt Ion:237 Resp: 232142
Ion Ratio Lower Upper
237 100
235 62.2 49.1 73.7
272 13.5 9.5 14.3



#41
2,4,6-Trichlorophenol
Concen: 29.796 ng/ul
RT: 13.175 min Scan# 1664
Delta R.T. 0.000 min
Lab File: BM037755.D
Acq: 28 Nov 2022 12:17

Tgt Ion:196 Resp: 302679
Ion Ratio Lower Upper
196 100
198 95.8 76.9 115.3
200 30.9 24.1 36.1

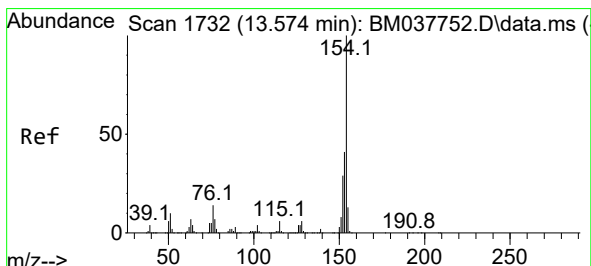
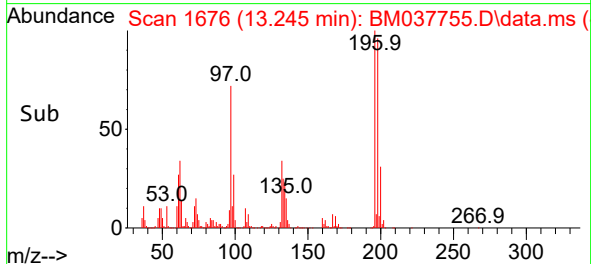
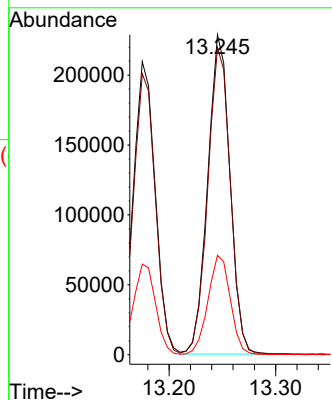
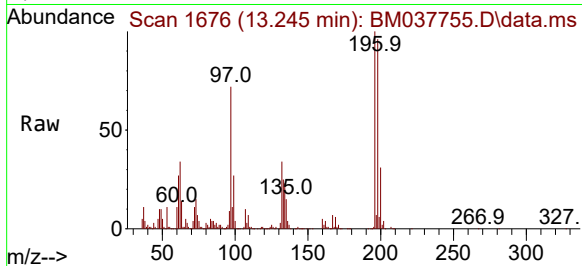




#42
2,4,5-Trichlorophenol
Concen: 30.519 ng/ul
RT: 13.245 min Scan# 1676
Delta R.T. 0.000 min
Lab File: BM037755.D
Acq: 28 Nov 2022 12:17

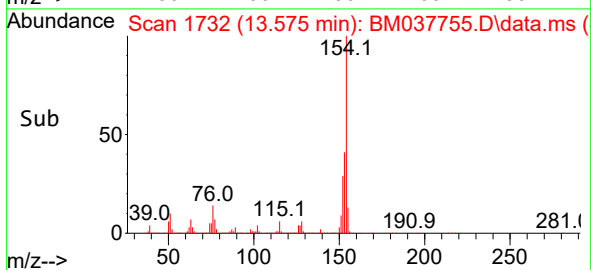
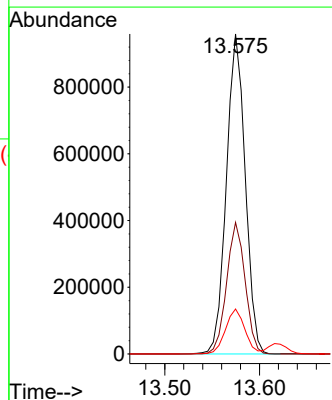
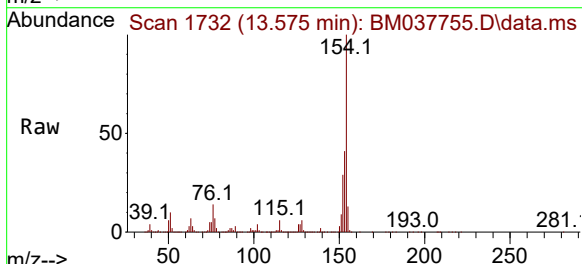
Instrument :
BNA_M
ClientSampleId :

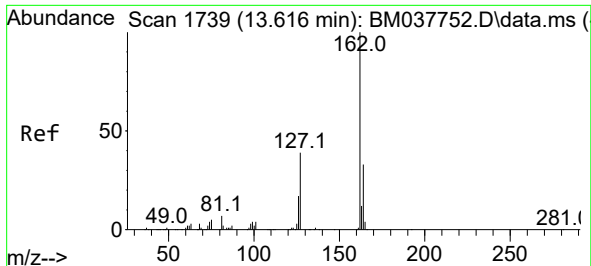
Tgt Ion:196 Resp: 331721
Ion Ratio Lower Upper
196 100
198 96.0 75.4 113.2
200 31.0 23.7 35.5



#43
1,1'-Biphenyl
Concen: 30.426 ng/ul
RT: 13.575 min Scan# 1732
Delta R.T. 0.000 min
Lab File: BM037755.D
Acq: 28 Nov 2022 12:17

Tgt Ion:154 Resp: 1327441
Ion Ratio Lower Upper
154 100
153 41.1 32.1 48.1
76 14.0 12.4 18.6

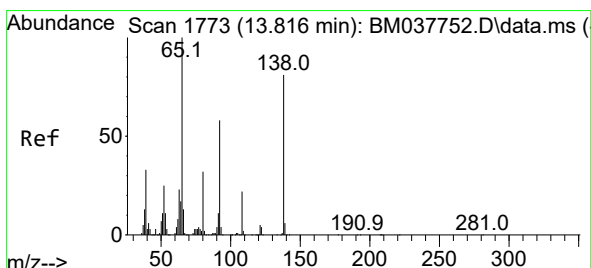
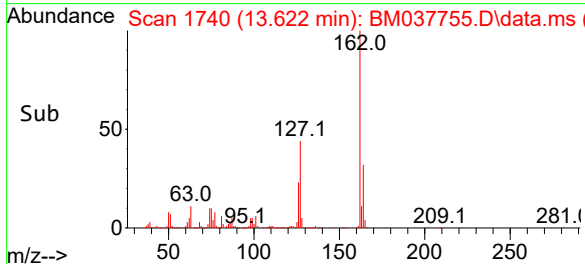
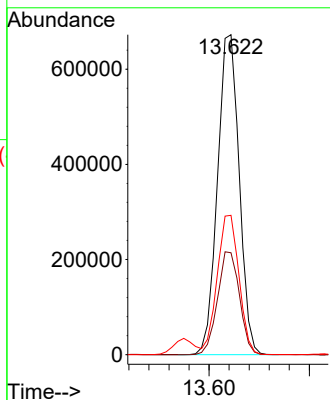
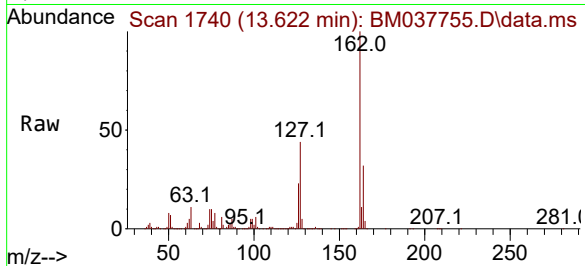




#44
2-Chloronaphthalene
Concen: 29.755 ng/ul
RT: 13.622 min Scan# 1739
Delta R.T. 0.006 min
Lab File: BM037755.D
Acq: 28 Nov 2022 12:17

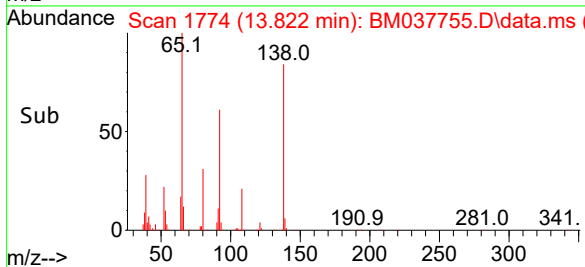
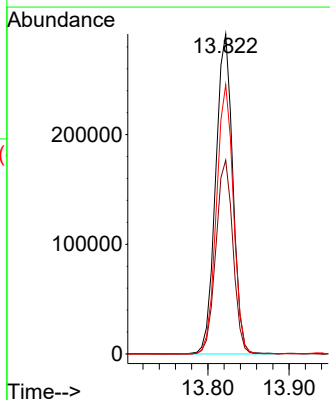
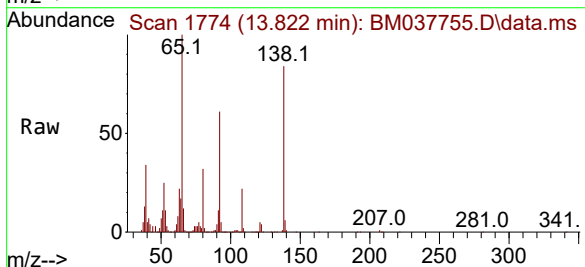
Instrument :
BNA_M
ClientSampleId :

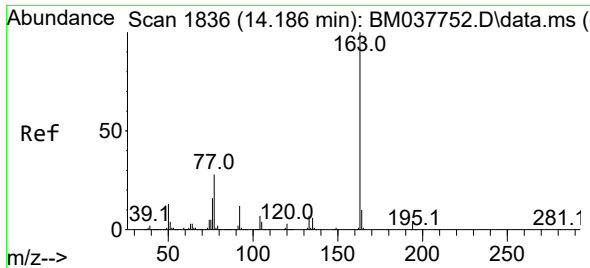
Tgt Ion:162 Resp: 1009015
Ion Ratio Lower Upper
162 100
164 31.8 26.5 39.7
127 43.6 32.4 48.6



#45
2-Nitroaniline
Concen: 33.380 ng/ul
RT: 13.822 min Scan# 1774
Delta R.T. 0.006 min
Lab File: BM037755.D
Acq: 28 Nov 2022 12:17

Tgt Ion: 65 Resp: 429145
Ion Ratio Lower Upper
65 100
92 60.6 48.6 73.0
138 84.1 67.0 100.4

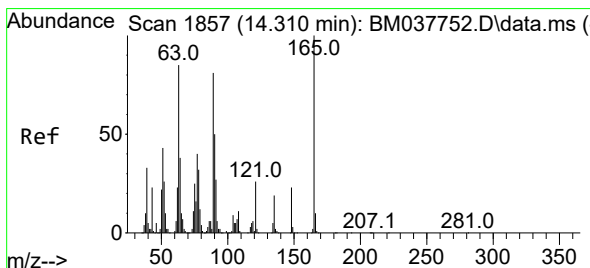
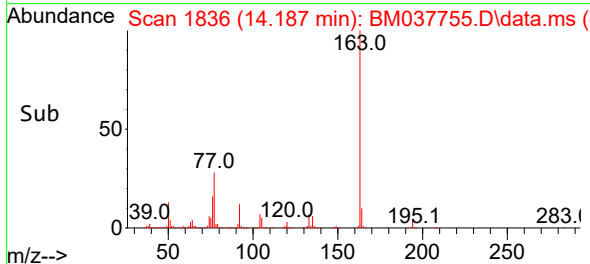
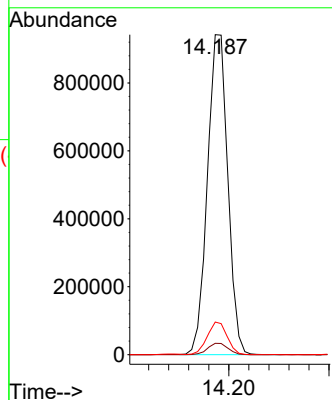
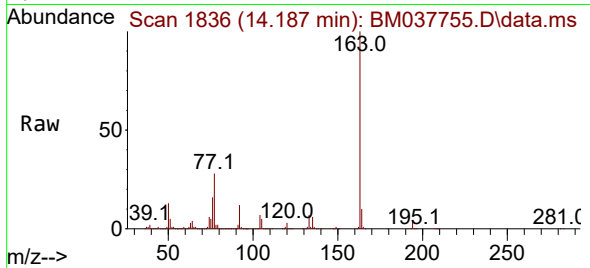




#47
Dimethylphthalate
Concen: 30.720 ng/ul
RT: 14.187 min Scan# 1836
Delta R.T. 0.000 min
Lab File: BM037755.D
Acq: 28 Nov 2022 12:17

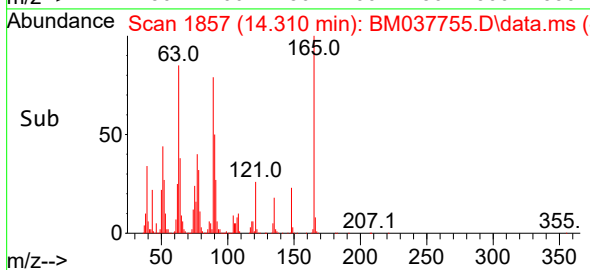
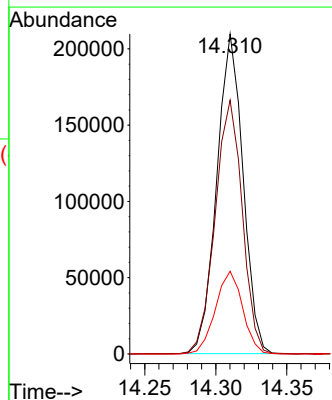
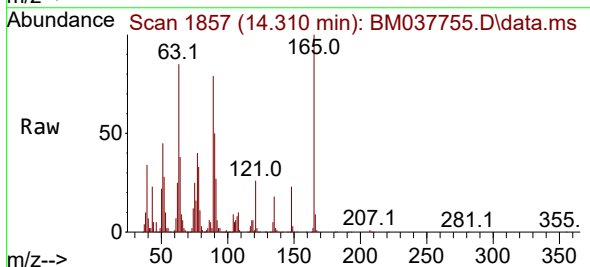
Instrument :
BNA_M
ClientSampleId :

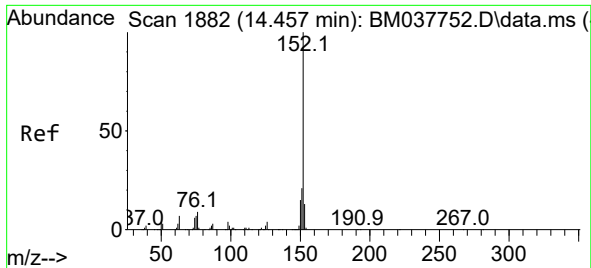
Tgt Ion:163 Resp: 1328894
Ion Ratio Lower Upper
163 100
194 3.6 2.9 4.3
164 10.2 8.2 12.2



#48
2,6-Dinitrotoluene
Concen: 32.243 ng/ul
RT: 14.310 min Scan# 1857
Delta R.T. 0.000 min
Lab File: BM037755.D
Acq: 28 Nov 2022 12:17

Tgt Ion:165 Resp: 269329
Ion Ratio Lower Upper
165 100
89 79.3 56.4 84.6
121 25.9 18.9 28.3

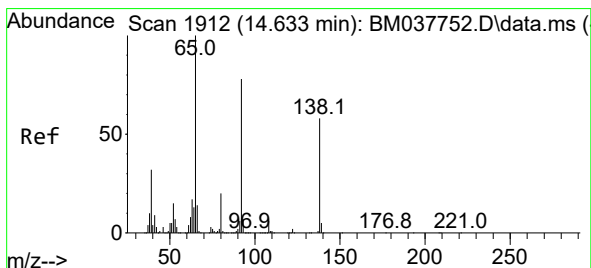
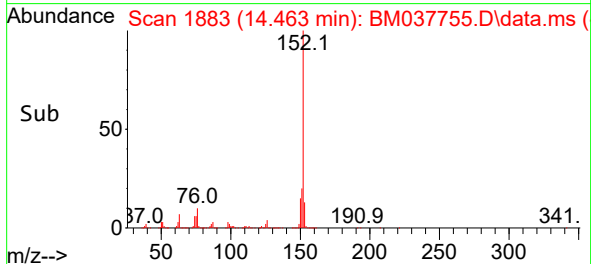
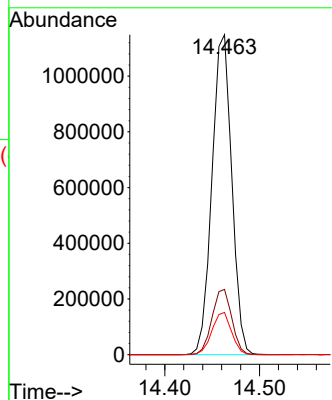
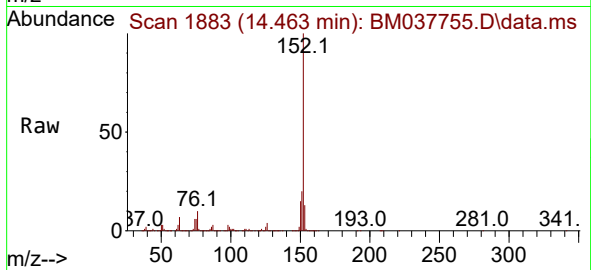




#50
Acenaphthylene
Concen: 30.755 ng/ul
RT: 14.463 min Scan# 1883
Delta R.T. 0.006 min
Lab File: BM037755.D
Acq: 28 Nov 2022 12:17

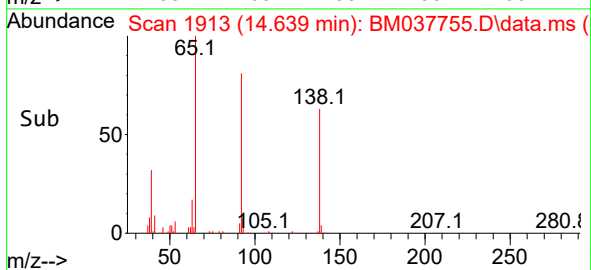
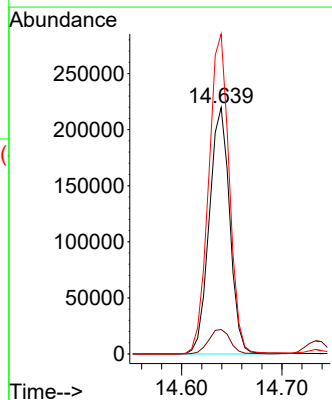
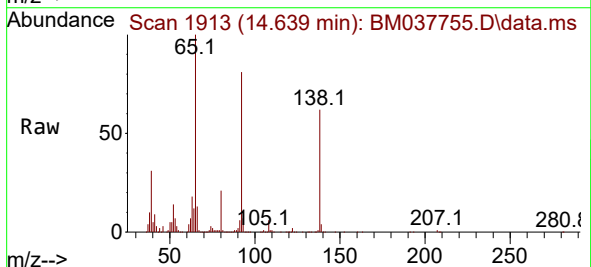
Instrument :
BNA_M
ClientSampleId :

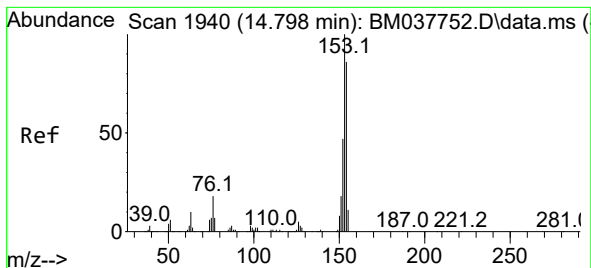
Tgt Ion:152 Resp: 1669849
Ion Ratio Lower Upper
152 100
151 20.4 16.3 24.5
153 13.2 10.3 15.5



#51
3-Nitroaniline
Concen: 30.707 ng/ul
RT: 14.639 min Scan# 1913
Delta R.T. 0.006 min
Lab File: BM037755.D
Acq: 28 Nov 2022 12:17

Tgt Ion:138 Resp: 311234
Ion Ratio Lower Upper
138 100
108 9.9 8.4 12.6
92 129.9 104.0 156.0





#52

Acenaphthene

Concen: 30.747 ng/ul

RT: 14.798 min Scan# 1940

Delta R.T. 0.000 min

Lab File: BM037755.D

Acq: 28 Nov 2022 12:17

Instrument :

BNA_M

ClientSampleId :

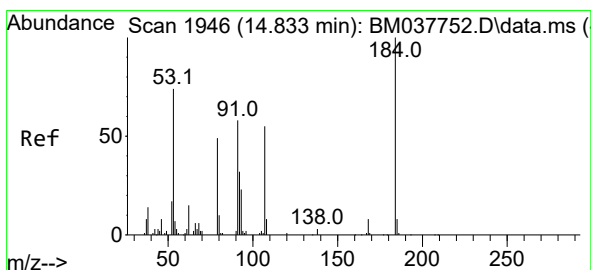
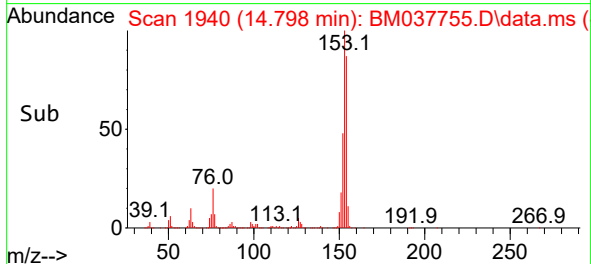
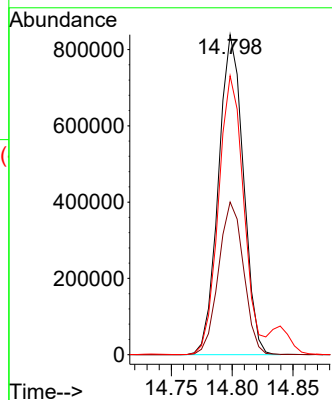
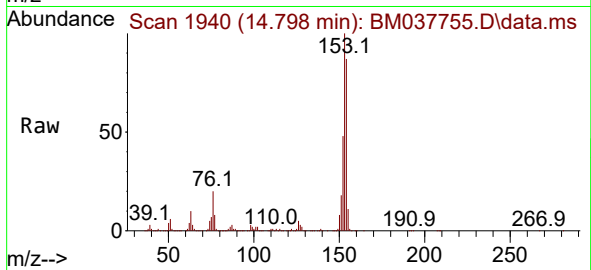
Tgt Ion:153 Resp: 1193958

Ion Ratio Lower Upper

153 100

152 47.7 38.4 57.6

154 87.2 70.7 106.1



#53

2,4-Dinitrophenol

Concen: 27.354 ng/ul

RT: 14.839 min Scan# 1947

Delta R.T. 0.006 min

Lab File: BM037755.D

Acq: 28 Nov 2022 12:17

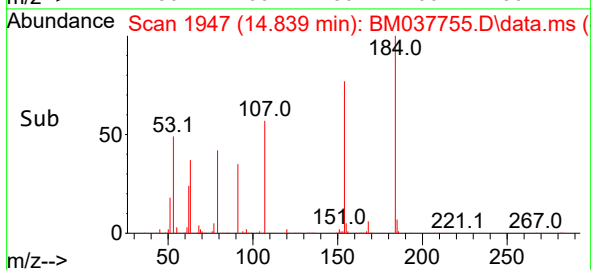
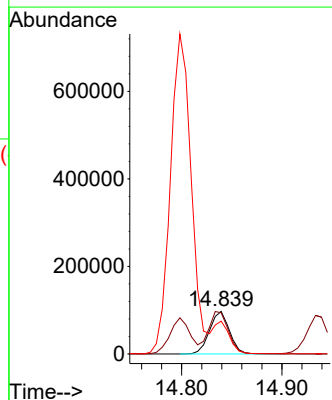
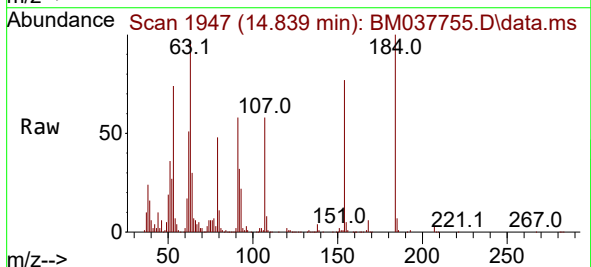
Tgt Ion:184 Resp: 134058

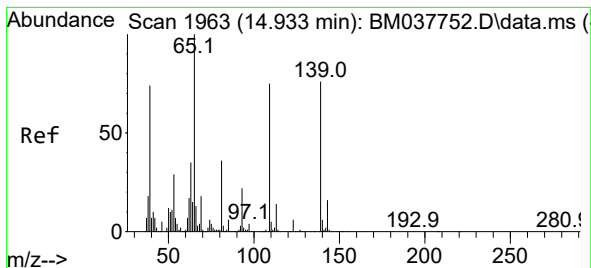
Ion Ratio Lower Upper

184 100

63 97.0 74.9 112.3

154 77.1 57.8 86.6

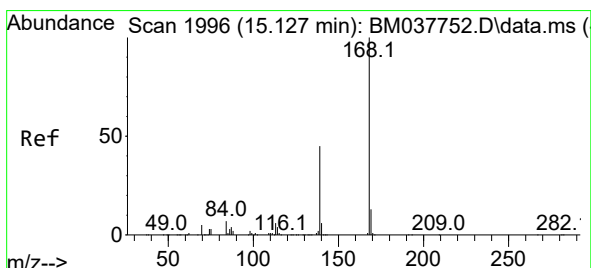
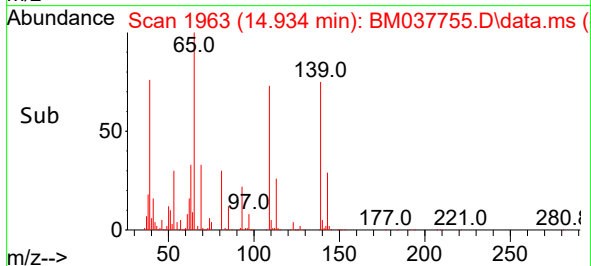
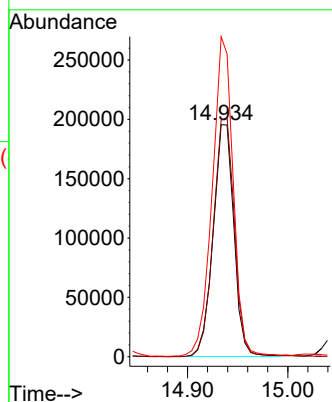
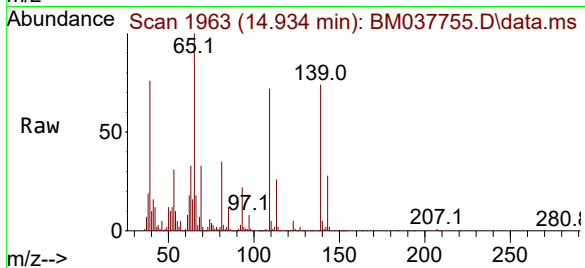




#55
4-Nitrophenol
Concen: 34.800 ng/ul
RT: 14.934 min Scan# 1963
Delta R.T. 0.000 min
Lab File: BM037755.D
Acq: 28 Nov 2022 12:17

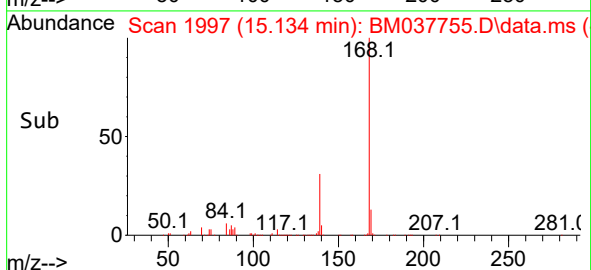
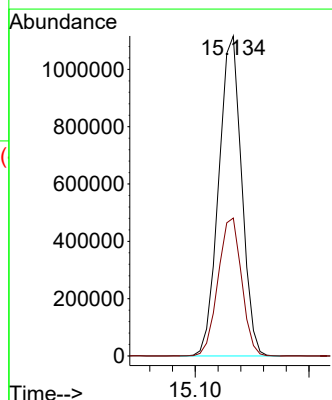
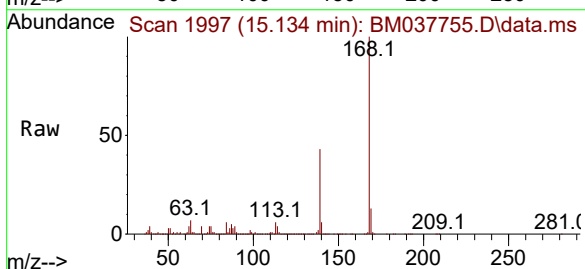
Instrument :
BNA_M
ClientSampleId :

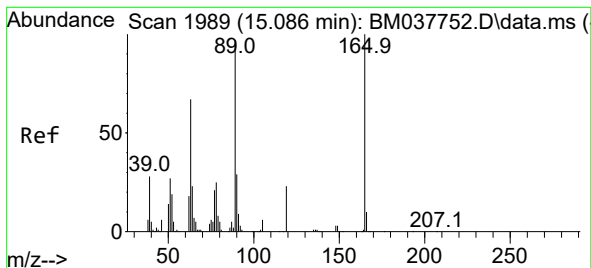
Tgt Ion:109 Resp: 279547
Ion Ratio Lower Upper
109 100
139 102.1 102.4 153.6#
65 137.9 119.6 179.4



#56
Dibenzofuran
Concen: 30.862 ng/ul
RT: 15.134 min Scan# 1997
Delta R.T. 0.006 min
Lab File: BM037755.D
Acq: 28 Nov 2022 12:17

Tgt Ion:168 Resp: 1564149
Ion Ratio Lower Upper
168 100
139 43.1 32.2 48.2

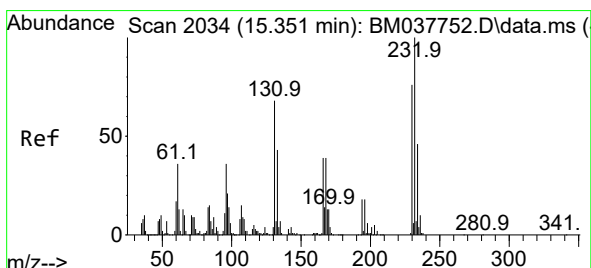
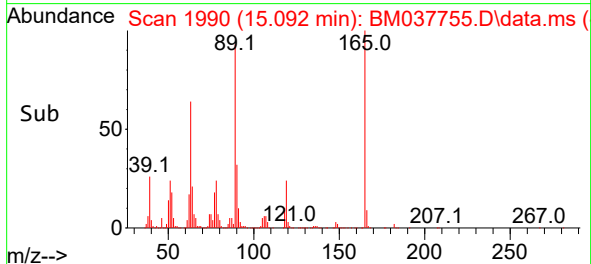
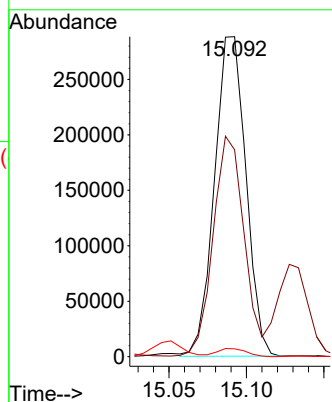
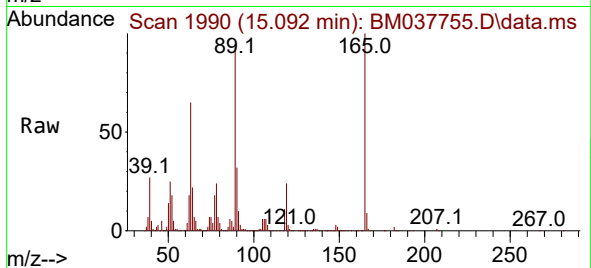




#57
2,4-Dinitrotoluene
Concen: 33.172 ng/ul
RT: 15.092 min Scan# 1989
Delta R.T. 0.006 min
Lab File: BM037755.D
Acq: 28 Nov 2022 12:17

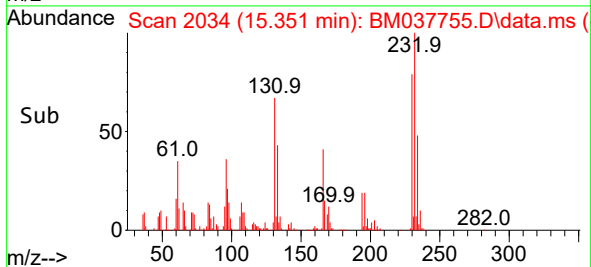
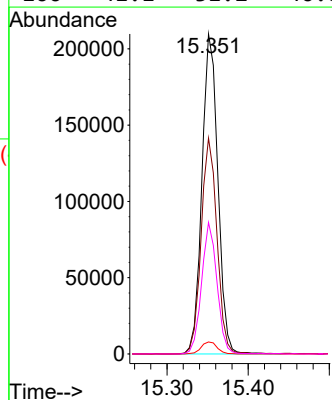
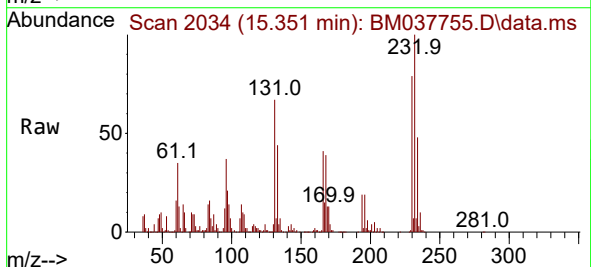
Instrument :
BNA_M
ClientSampleId :

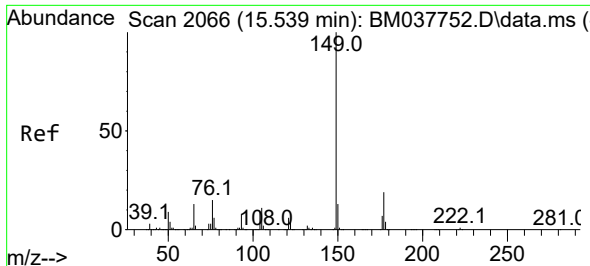
Tgt Ion:165 Resp: 406578
Ion Ratio Lower Upper
165 100
63 64.7 46.6 70.0
182 2.5 1.9 2.9



#58
2,3,4,6-Tetrachlorophenol
Concen: 32.063 ng/ul
RT: 15.351 min Scan# 2034
Delta R.T. 0.000 min
Lab File: BM037755.D
Acq: 28 Nov 2022 12:17

Tgt Ion:232 Resp: 285934
Ion Ratio Lower Upper
232 100
131 67.4 50.2 75.4
130 3.8 2.8 4.2
166 41.1 31.2 46.8

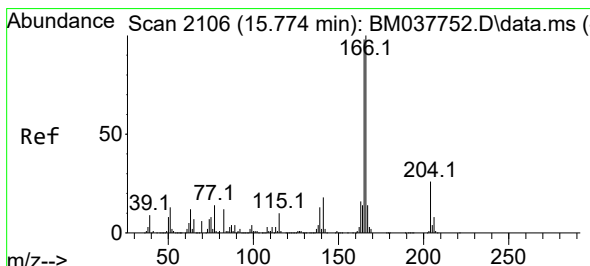
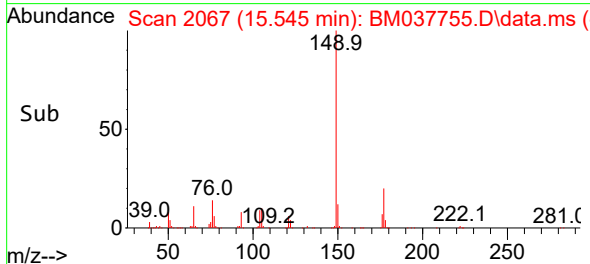
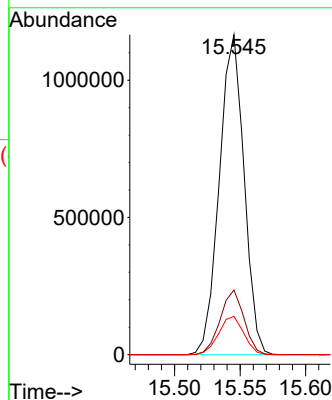
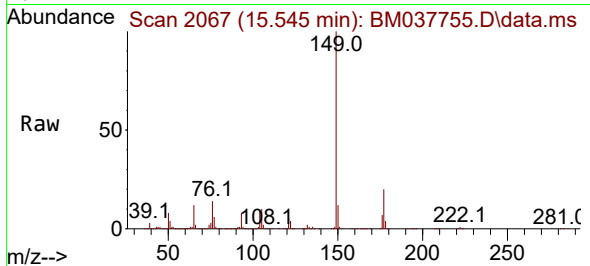




#59
Diethylphthalate
Concen: 32.696 ng/ul
RT: 15.545 min Scan# 2066
Delta R.T. 0.006 min
Lab File: BM037755.D
Acq: 28 Nov 2022 12:17

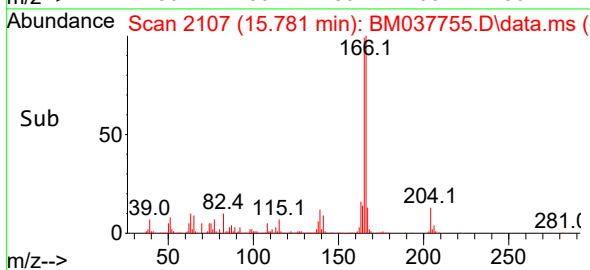
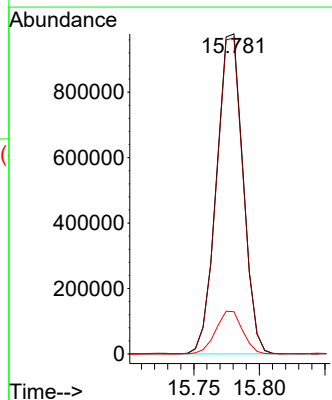
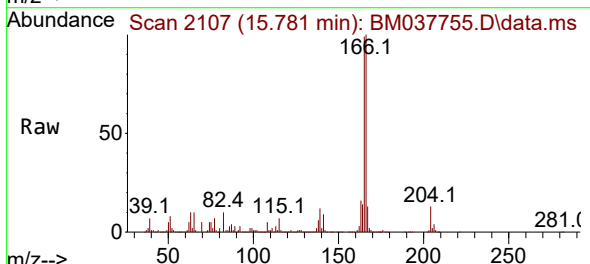
Instrument :
BNA_M
ClientSampleId :

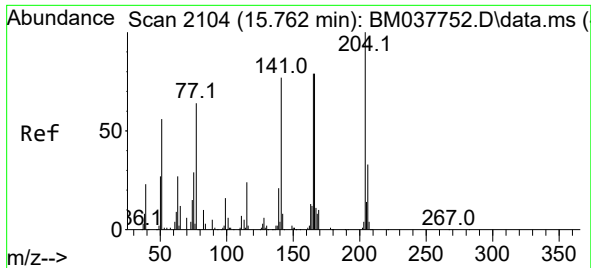
Tgt Ion:149 Resp: 1526519
Ion Ratio Lower Upper
149 100
177 20.2 16.1 24.1
150 12.0 9.4 14.0



#61
Fluorene
Concen: 31.301 ng/ul
RT: 15.781 min Scan# 2107
Delta R.T. 0.006 min
Lab File: BM037755.D
Acq: 28 Nov 2022 12:17

Tgt Ion:166 Resp: 1374202
Ion Ratio Lower Upper
166 100
165 98.8 79.3 118.9
167 13.2 10.6 15.8

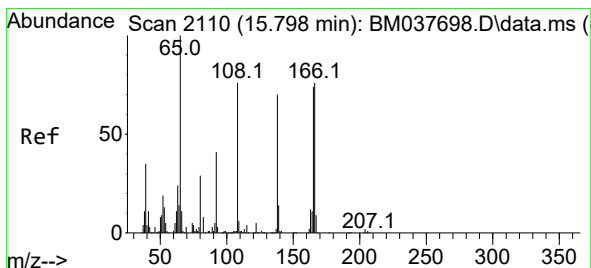
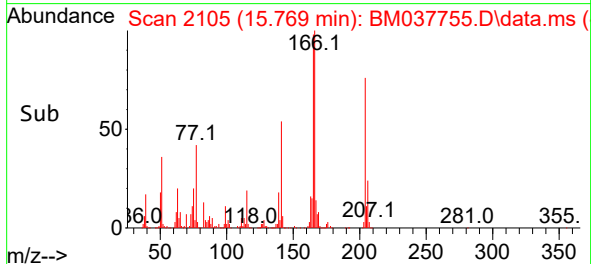
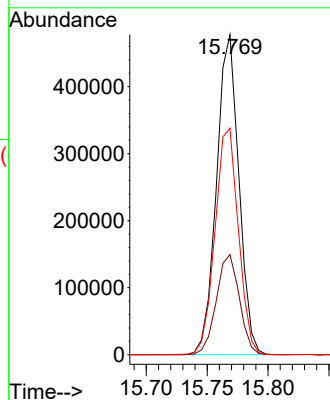
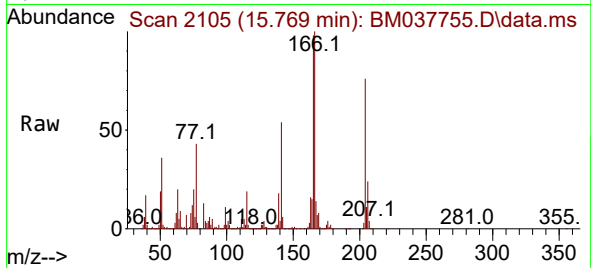




#62
4-Chlorophenyl-phenylether
Concen: 31.924 ng/ul
RT: 15.769 min Scan# 2105
Delta R.T. 0.006 min
Lab File: BM037755.D
Acq: 28 Nov 2022 12:17

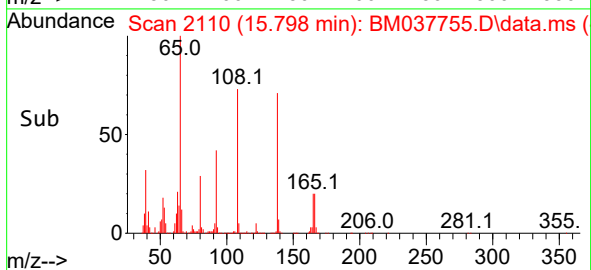
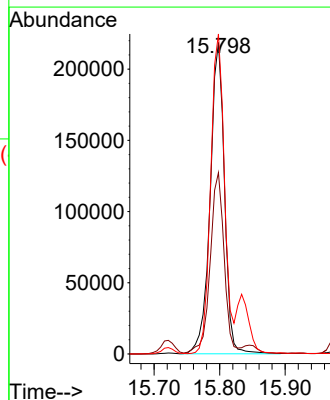
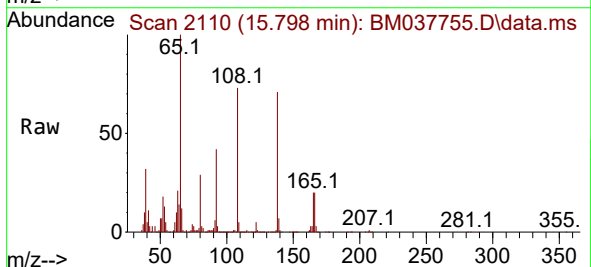
Instrument :
BNA_M
ClientSampleId :

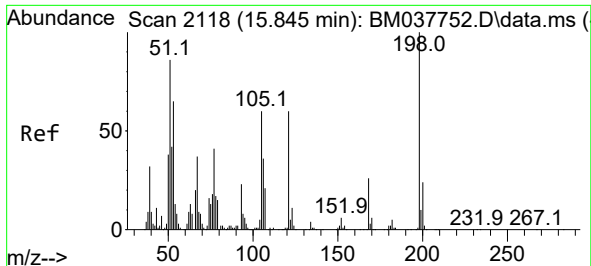
Tgt Ion:204 Resp: 611397
Ion Ratio Lower Upper
204 100
206 31.3 25.8 38.8
141 70.8 54.3 81.5



#63
4-Nitroaniline
Concen: 34.501 ng/ul
RT: 15.798 min Scan# 2110
Delta R.T. 0.006 min
Lab File: BM037755.D
Acq: 28 Nov 2022 12:17

Tgt Ion:138 Resp: 332352
Ion Ratio Lower Upper
138 100
92 58.2 43.7 65.5
108 102.8 68.1 102.1#

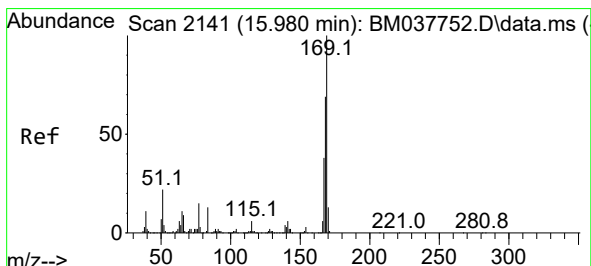
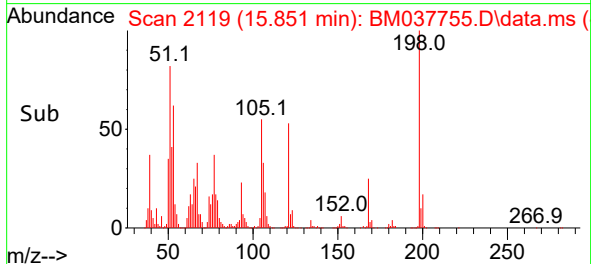
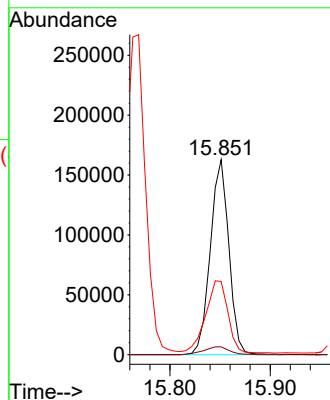
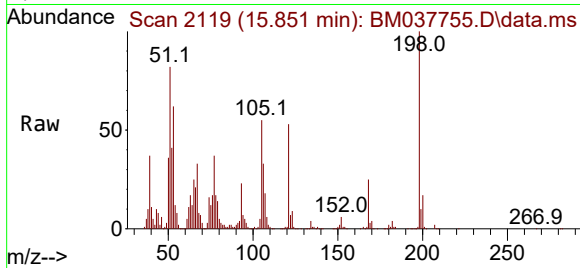




#66
4,6-Dinitro-2-methylphenol
Concen: 30.087 ng/ul
RT: 15.851 min Scan# 2119
Delta R.T. 0.006 min
Lab File: BM037755.D
Acq: 28 Nov 2022 12:17

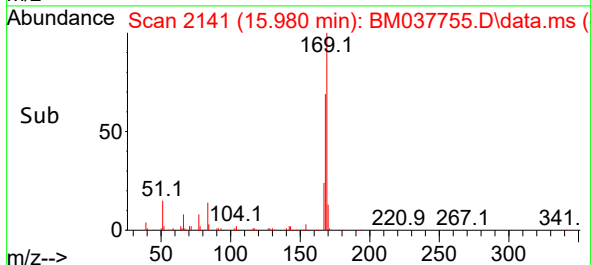
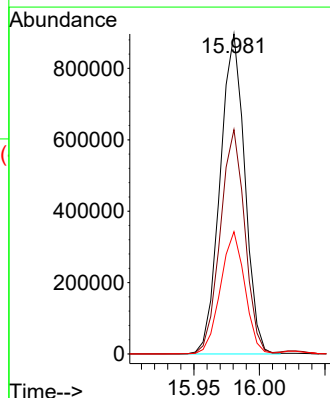
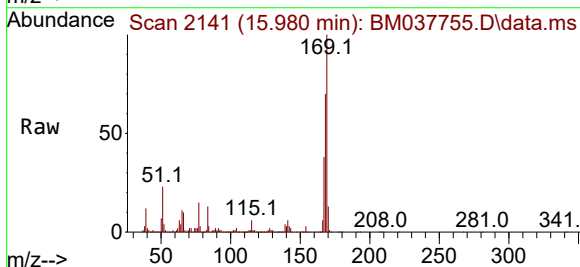
Instrument :
BNA_M
ClientSampleId :

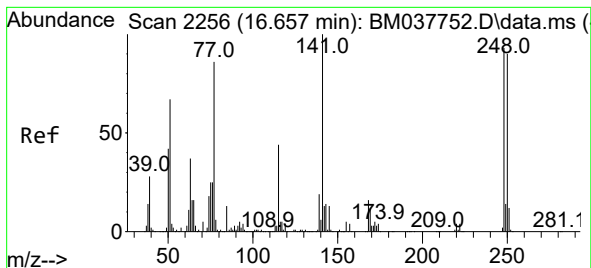
Tgt Ion:198 Resp: 209709
Ion Ratio Lower Upper
198 100
182 4.0 4.0 6.0
77 37.5 27.9 41.9



#67
N-Nitrosodiphenylamine
Concen: 30.893 ng/ul
RT: 15.980 min Scan# 2141
Delta R.T. 0.000 min
Lab File: BM037755.D
Acq: 28 Nov 2022 12:17

Tgt Ion:169 Resp: 1171847
Ion Ratio Lower Upper
169 100
168 70.1 54.0 81.0
167 38.2 29.3 43.9

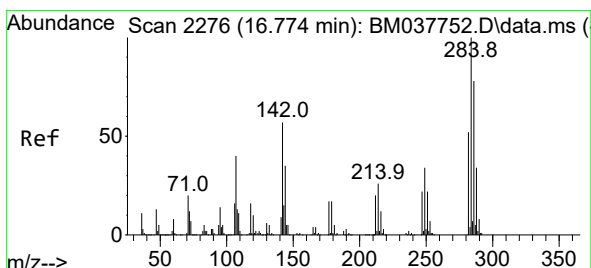
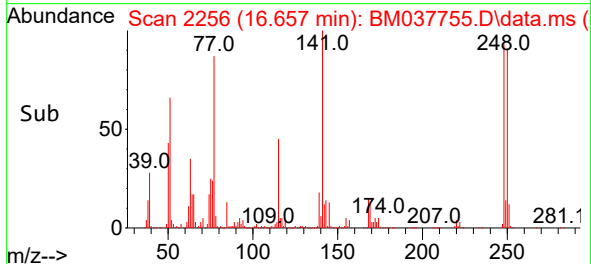
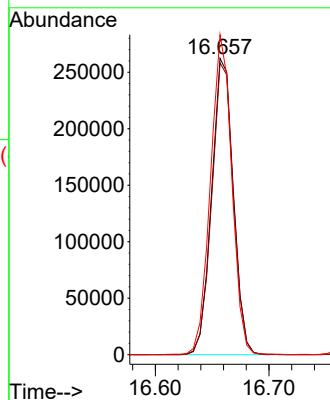
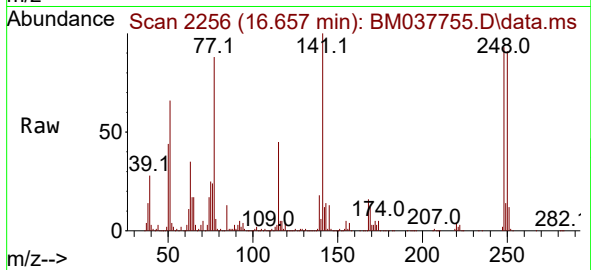




#68
4-Bromophenyl-phenylether
Concen: 35.468 ng/ul
RT: 16.657 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM037755.D
Acq: 28 Nov 2022 12:17

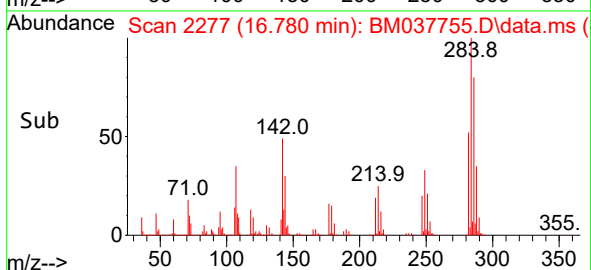
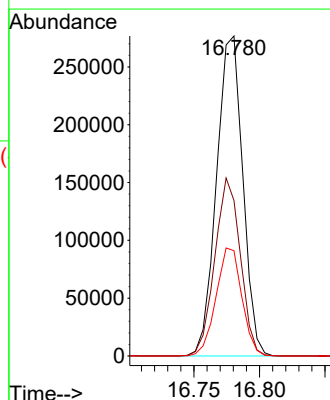
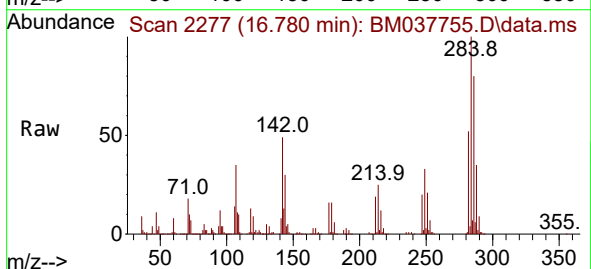
Instrument :
BNA_M
ClientSampleId :

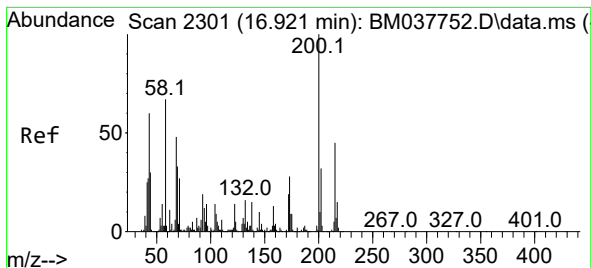
Tgt Ion:248 Resp: 348274
Ion Ratio Lower Upper
248 100
250 98.5 78.5 117.7
141 108.0 78.9 118.3



#69
Hexachlorobenzene
Concen: 30.551 ng/ul
RT: 16.780 min Scan# 2277
Delta R.T. 0.006 min
Lab File: BM037755.D
Acq: 28 Nov 2022 12:17

Tgt Ion:284 Resp: 385286
Ion Ratio Lower Upper
284 100
142 48.6 40.4 60.6
249 32.9 24.5 36.7





#70

Atrazine

Concen: 30.522 ng/ul

RT: 16.927 min Scan# 21

Delta R.T. 0.006 min

Lab File: BM037755.D

Acq: 28 Nov 2022 12:17

Instrument :

BNA_M

ClientSampleId :

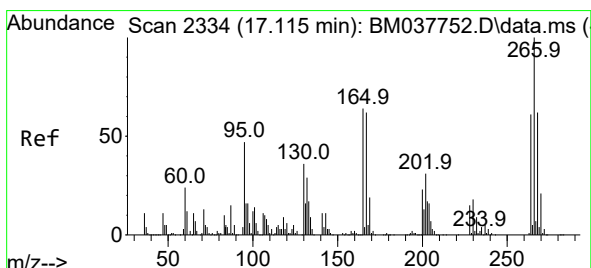
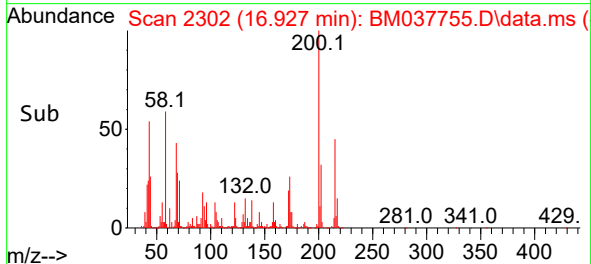
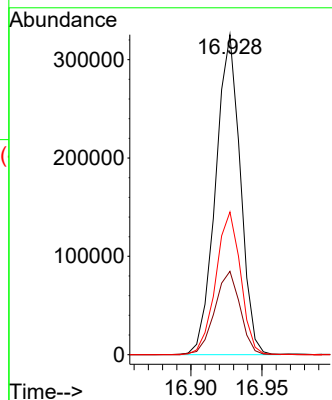
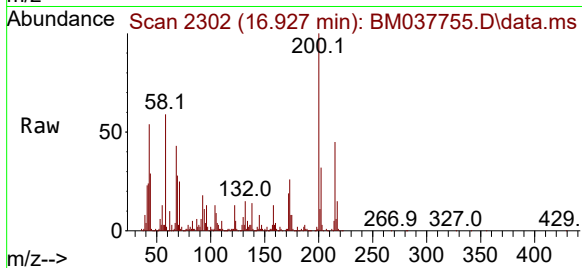
Tgt Ion:200 Resp: 392981

Ion Ratio Lower Upper

200 100

173 26.1 22.6 34.0

215 44.6 36.6 55.0



#71

Pentachlorophenol

Concen: 26.515 ng/ul

RT: 17.116 min Scan# 2334

Delta R.T. 0.000 min

Lab File: BM037755.D

Acq: 28 Nov 2022 12:17

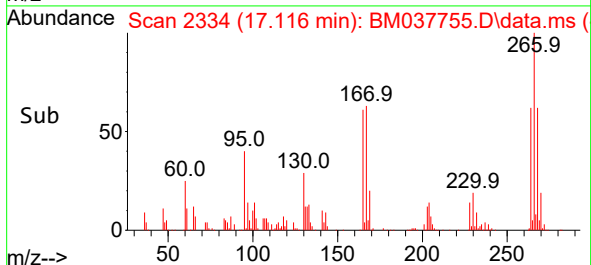
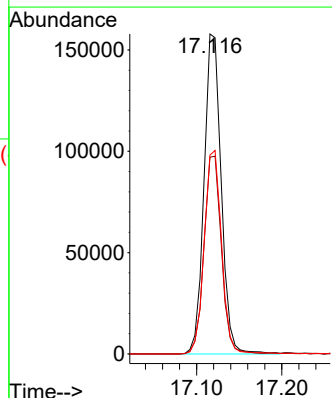
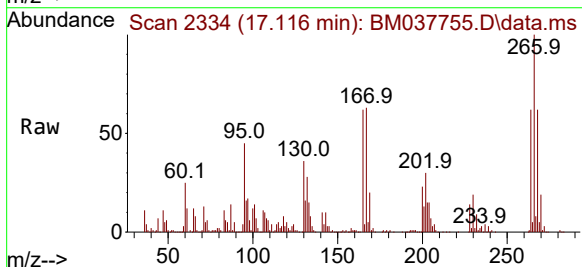
Tgt Ion:266 Resp: 221409

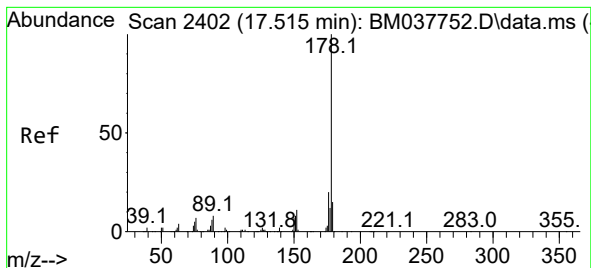
Ion Ratio Lower Upper

266 100

264 61.5 52.0 78.0

268 62.2 52.2 78.2





#72

Phenanthrene

Concen: 31.600 ng/ul

RT: 17.516 min Scan# 2402

Delta R.T. 0.000 min

Lab File: BM037755.D

Acq: 28 Nov 2022 12:17

Instrument :

BNA_M

ClientSampleId :

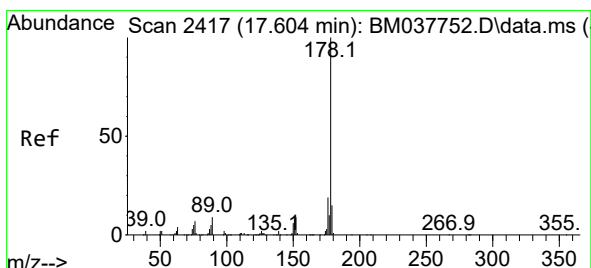
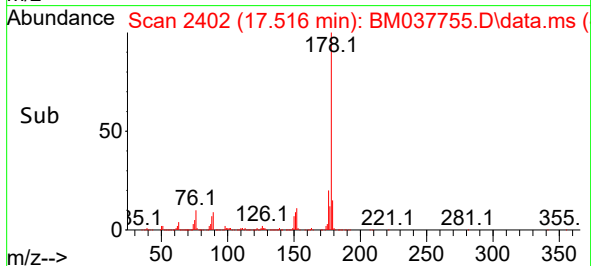
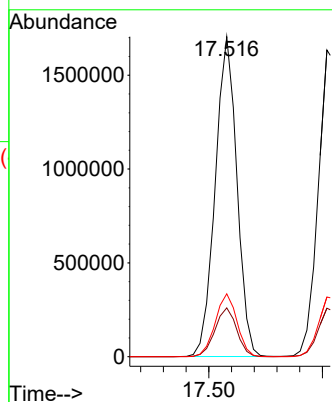
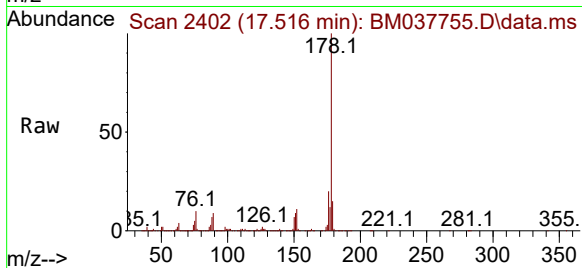
Tgt Ion:178 Resp: 2259832

Ion Ratio Lower Upper

178 100

179 15.2 12.0 18.0

176 19.7 15.4 23.2



#74

Anthracene

Concen: 31.003 ng/ul

RT: 17.604 min Scan# 2417

Delta R.T. 0.000 min

Lab File: BM037755.D

Acq: 28 Nov 2022 12:17

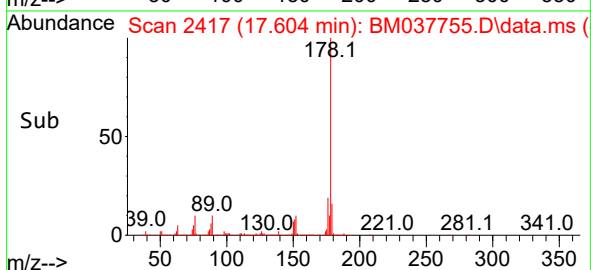
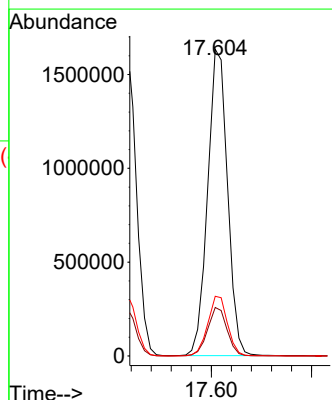
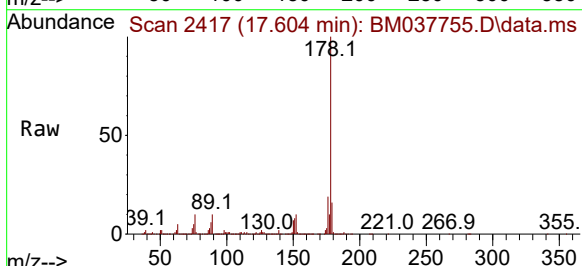
Tgt Ion:178 Resp: 2250936

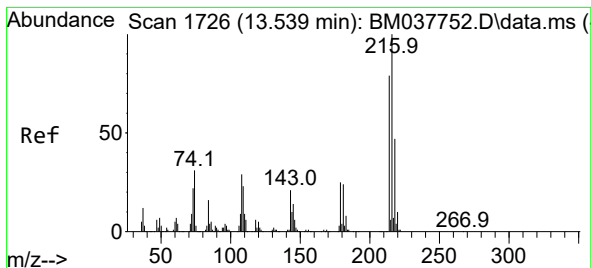
Ion Ratio Lower Upper

178 100

179 15.8 12.6 18.8

176 19.5 15.0 22.4





#75

1,2,3,4-Tetrachlorobenzene

Concen: 29.325 ng/uL

RT: 13.545 min Scan# 1

Delta R.T. 0.006 min

Lab File: BM037755.D

Acq: 28 Nov 2022 12:17

Instrument :

BNA_M

ClientSampleId :

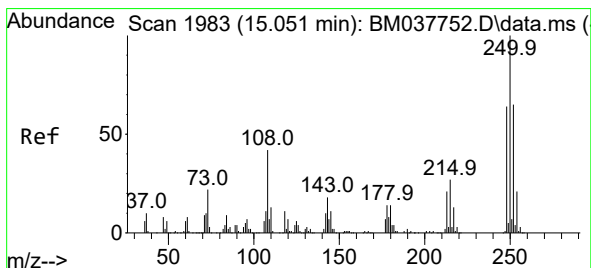
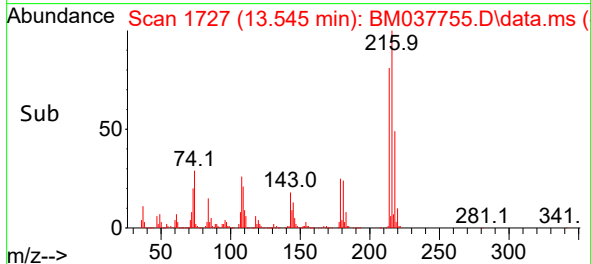
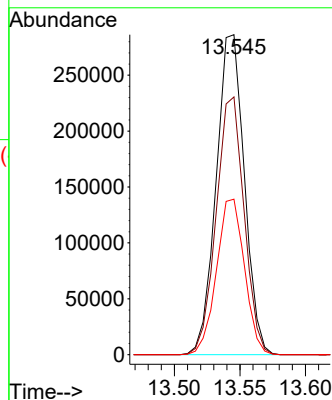
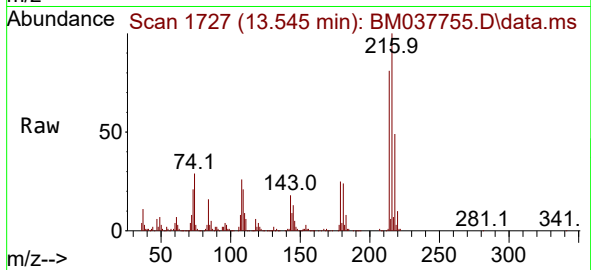
Tgt Ion:216 Resp: 428275

Ion Ratio Lower Upper

216 100

214 80.5 63.3 94.9

218 48.6 38.6 58.0



#76

Pentachlorobenzene

Concen: 27.200 ng/uL

RT: 15.051 min Scan# 1983

Delta R.T. 0.000 min

Lab File: BM037755.D

Acq: 28 Nov 2022 12:17

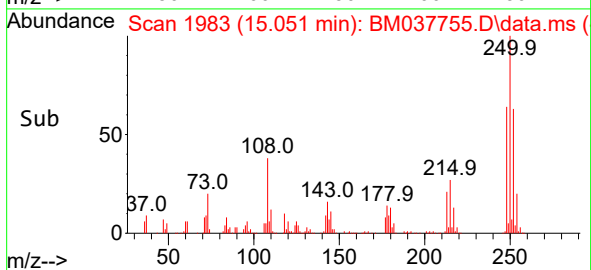
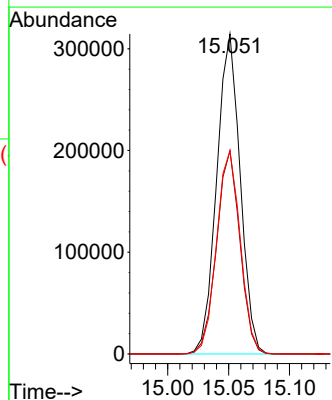
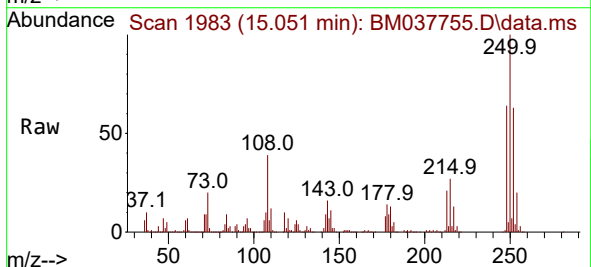
Tgt Ion:250 Resp: 422501

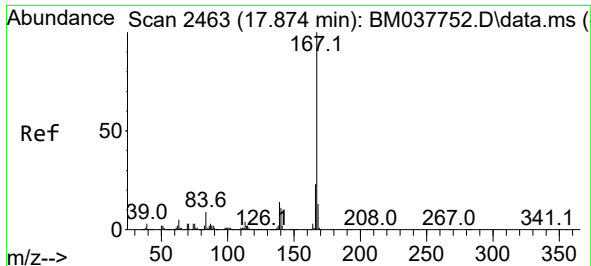
Ion Ratio Lower Upper

250 100

248 63.5 50.1 75.1

252 63.5 49.9 74.9

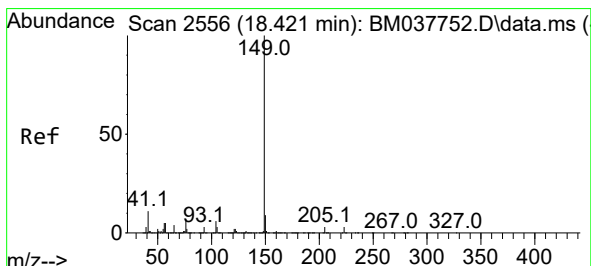
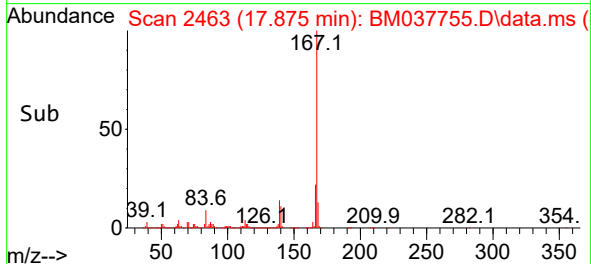
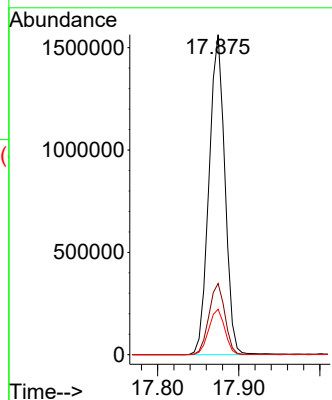
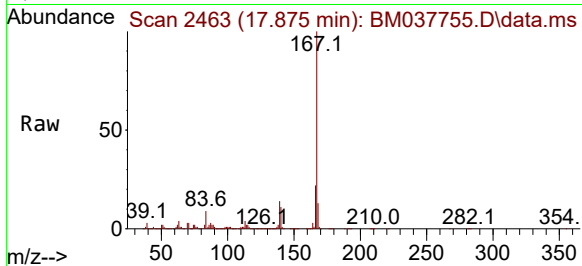




#77
 Carbazole
 Concen: 30.737 ng/ul
 RT: 17.875 min Scan# 2463
 Delta R.T. 0.000 min
 Lab File: BM037755.D
 Acq: 28 Nov 2022 12:17

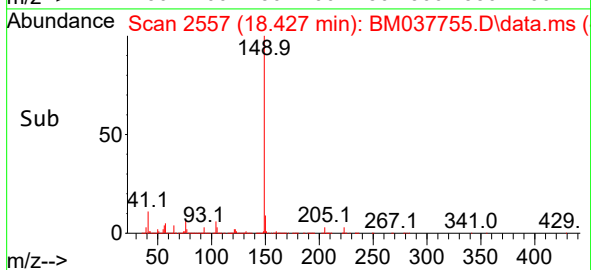
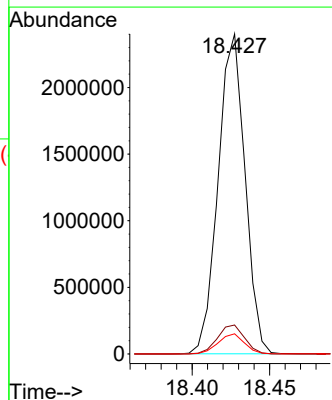
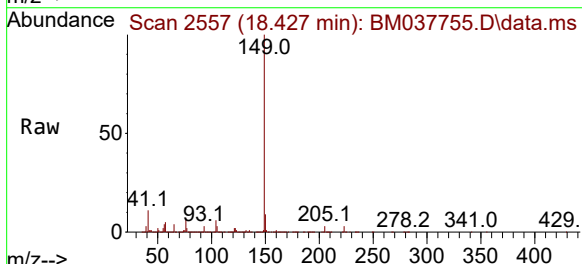
Instrument :
 BNA_M
 ClientSampleId :

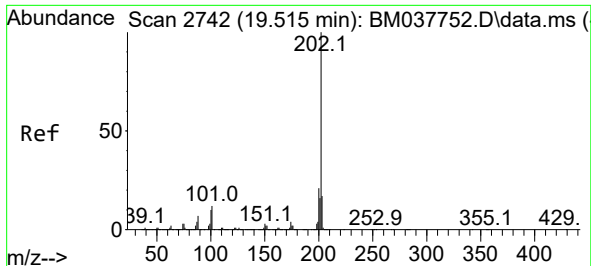
Tgt Ion:167 Resp: 2121631
 Ion Ratio Lower Upper
 167 100
 166 22.3 17.5 26.3
 139 14.2 10.9 16.3



#78
 Di-n-butylphthalate
 Concen: 28.988 ng/ul
 RT: 18.427 min Scan# 2557
 Delta R.T. 0.006 min
 Lab File: BM037755.D
 Acq: 28 Nov 2022 12:17

Tgt Ion:149 Resp: 2896388
 Ion Ratio Lower Upper
 149 100
 150 9.1 7.4 11.0
 104 6.3 4.4 6.6

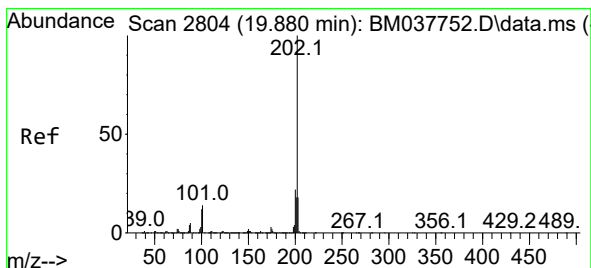
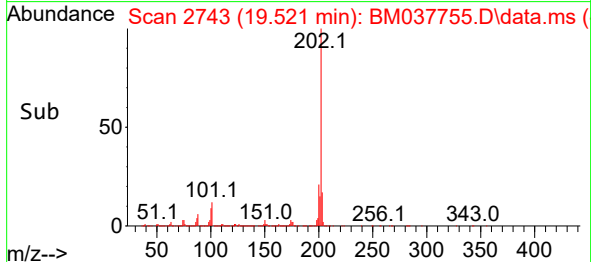
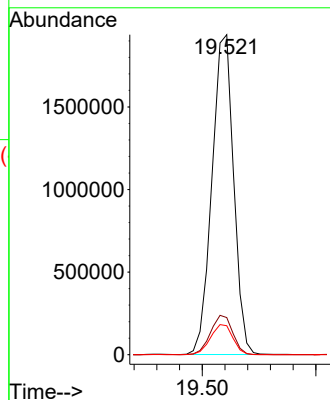
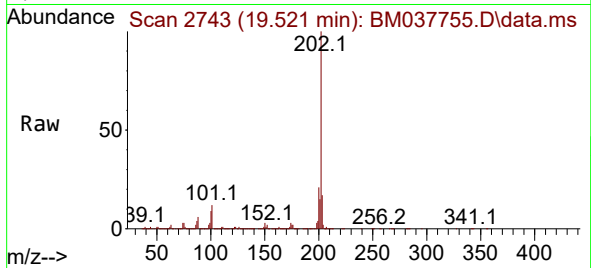




#80
Fluoranthene
Concen: 35.684 ng/u1
RT: 19.521 min Scan# 21
Delta R.T. 0.006 min
Lab File: BM037755.D
Acq: 28 Nov 2022 12:17

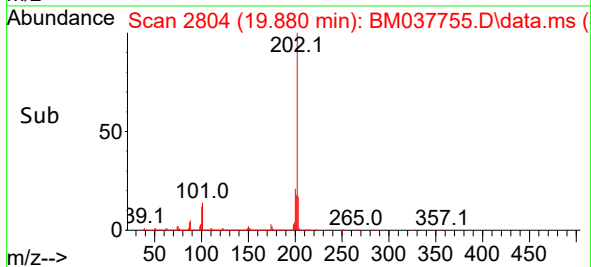
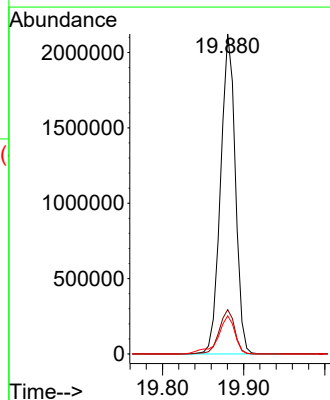
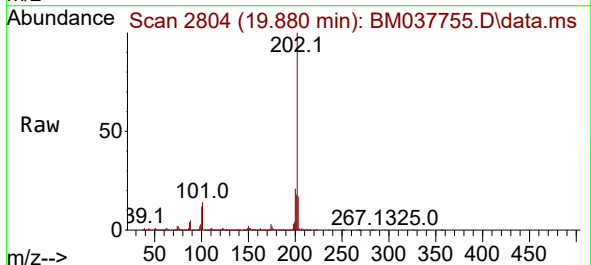
Instrument :
BNA_M
ClientSampleId :

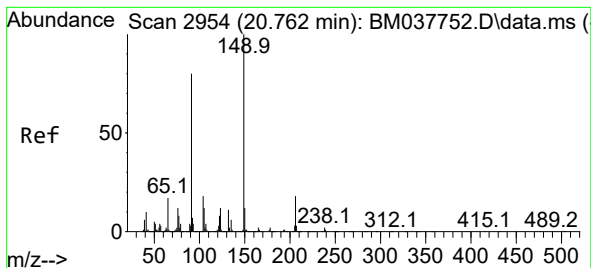
Tgt Ion:202 Resp: 2570210
Ion Ratio Lower Upper
202 100
101 11.6 10.6 16.0
100 9.1 8.2 12.4



#82
Pyrene
Concen: 35.408 ng/u1
RT: 19.880 min Scan# 2804
Delta R.T. 0.000 min
Lab File: BM037755.D
Acq: 28 Nov 2022 12:17

Tgt Ion:202 Resp: 2693718
Ion Ratio Lower Upper
202 100
101 13.8 12.2 18.4
100 11.9 10.2 15.2





#83

Butylbenzylphthalate

Concen: 37.168 ng/ul

RT: 20.763 min Scan# 2954

Delta R.T. 0.000 min

Lab File: BM037755.D

Acq: 28 Nov 2022 12:17

Instrument :

BNA_M

ClientSampleId :

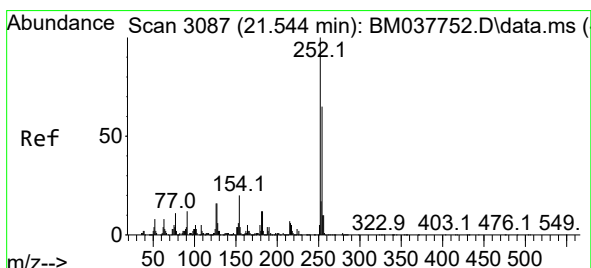
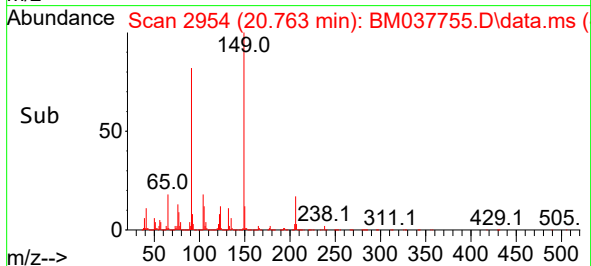
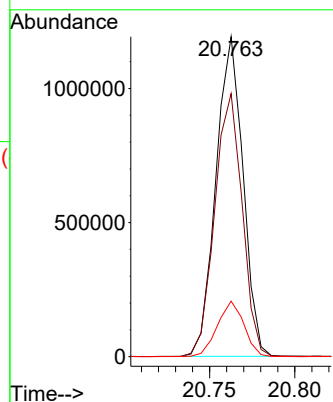
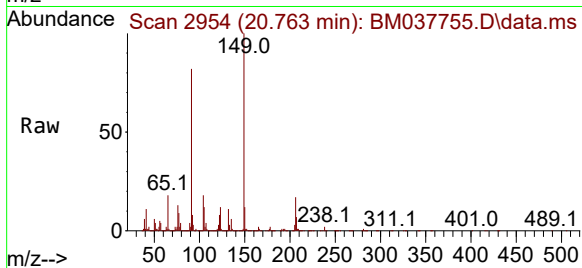
Tgt Ion:149 Resp: 1317197

Ion Ratio Lower Upper

149 100

91 82.2 65.9 98.9

206 17.3 13.4 20.2



#84

3,3'-Dichlorobenzidine

Concen: 26.119 ng/ul

RT: 21.551 min Scan# 3088

Delta R.T. 0.006 min

Lab File: BM037755.D

Acq: 28 Nov 2022 12:17

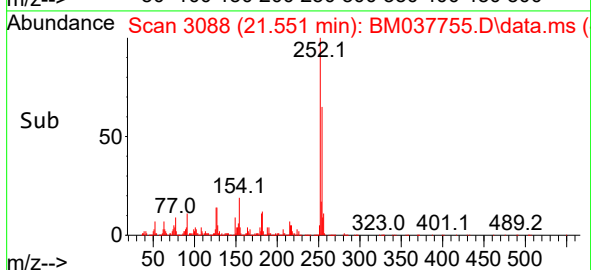
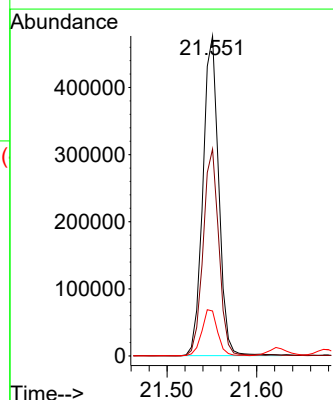
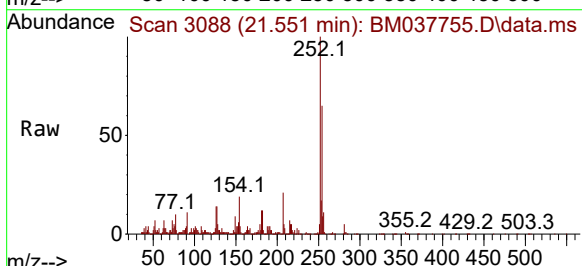
Tgt Ion:252 Resp: 582033

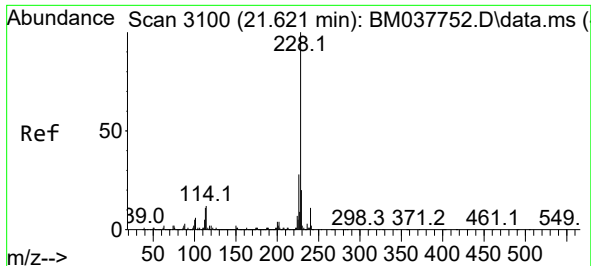
Ion Ratio Lower Upper

252 100

254 64.6 51.0 76.4

126 14.0 12.2 18.4

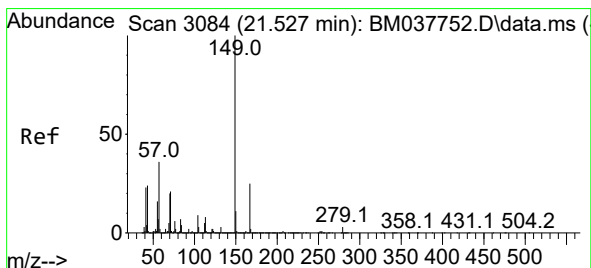
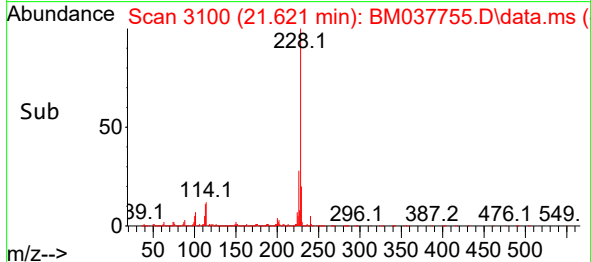
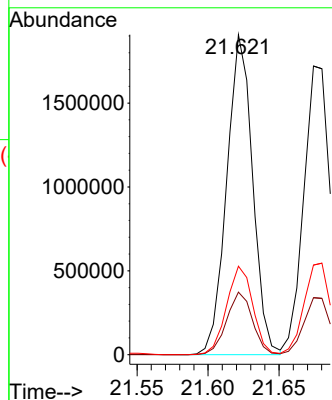
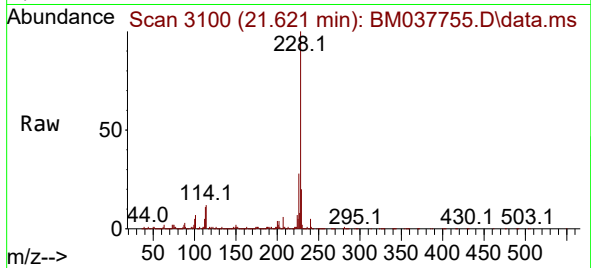




#85
Benzo(a)anthracene
Concen: 32.558 ng/ul
RT: 21.621 min Scan# 3100
Delta R.T. 0.000 min
Lab File: BM037755.D
Acq: 28 Nov 2022 12:17

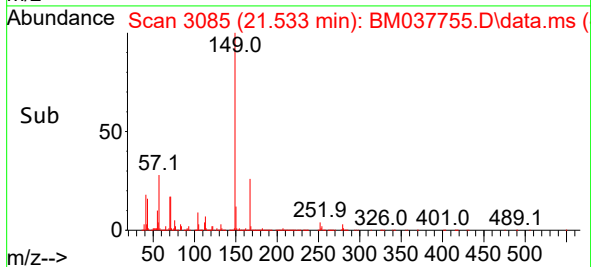
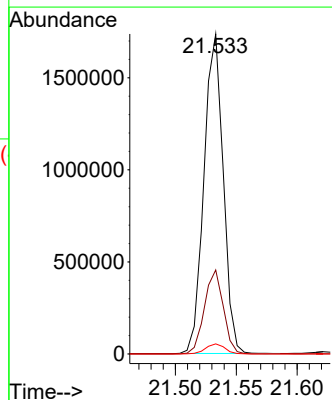
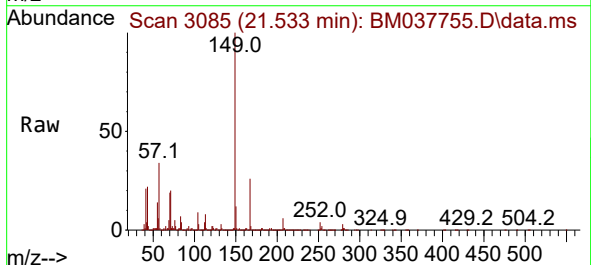
Instrument :
BNA_M
ClientSampleId :

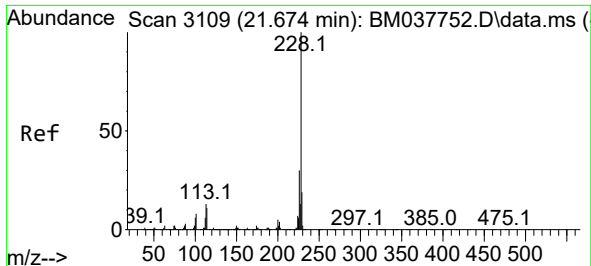
Tgt Ion:228 Resp: 2416718
Ion Ratio Lower Upper
228 100
229 19.6 15.6 23.4
226 27.7 22.2 33.2



#86
Bis(2-ethylhexyl)phthalate
Concen: 35.572 ng/ul
RT: 21.533 min Scan# 3085
Delta R.T. 0.006 min
Lab File: BM037755.D
Acq: 28 Nov 2022 12:17

Tgt Ion:149 Resp: 1904674
Ion Ratio Lower Upper
149 100
167 26.3 20.2 30.4
279 3.2 2.2 3.4

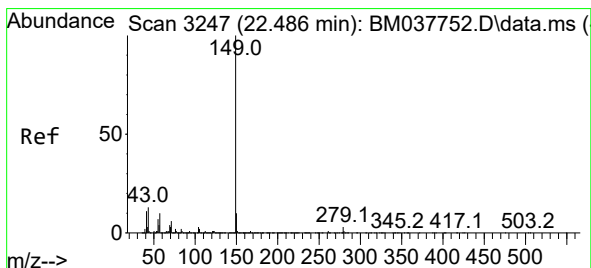
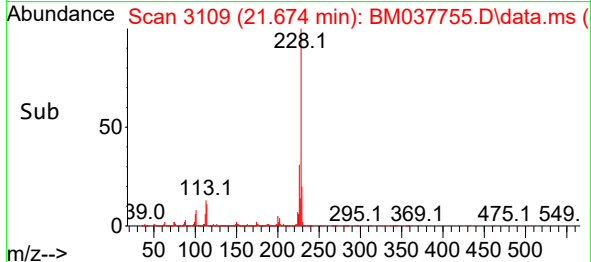
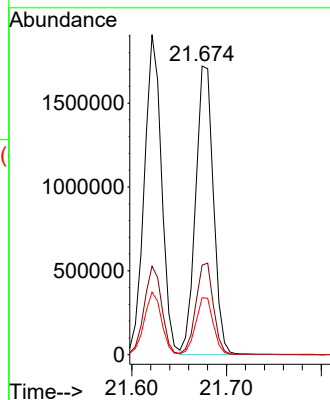
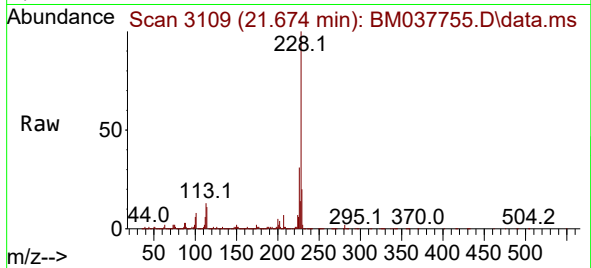




#87
Chrysene
Concen: 32.097 ng/ul
RT: 21.674 min Scan# 3109
Delta R.T. 0.000 min
Lab File: BM037755.D
Acq: 28 Nov 2022 12:17

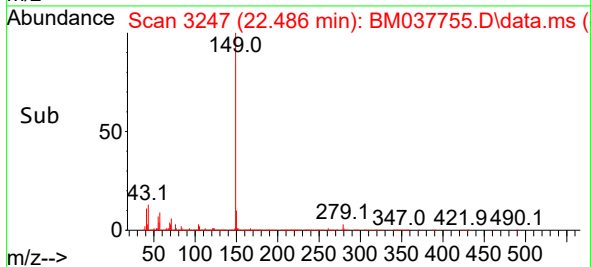
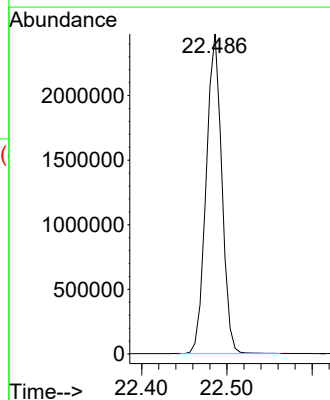
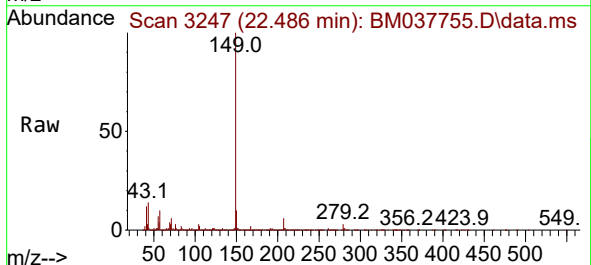
Instrument :
BNA_M
ClientSampleId :

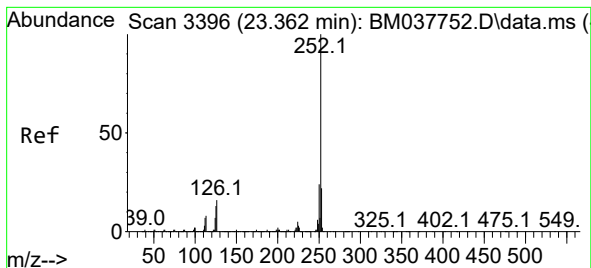
Tgt Ion:228 Resp: 2242044
Ion Ratio Lower Upper
228 100
226 31.0 24.2 36.4
229 19.8 16.1 24.1



#89
Di-n-octyl phthalate
Concen: 39.160 ng/ul
RT: 22.486 min Scan# 3247
Delta R.T. 0.000 min
Lab File: BM037755.D
Acq: 28 Nov 2022 12:17

Tgt Ion:149 Resp: 3145319





#90

Benzo(b)fluoranthene

Concen: 33.739 ng/ul

RT: 23.368 min Scan# 3396

Delta R.T. 0.006 min

Lab File: BM037755.D

Acq: 28 Nov 2022 12:17

Instrument :

BNA_M

ClientSampleId :

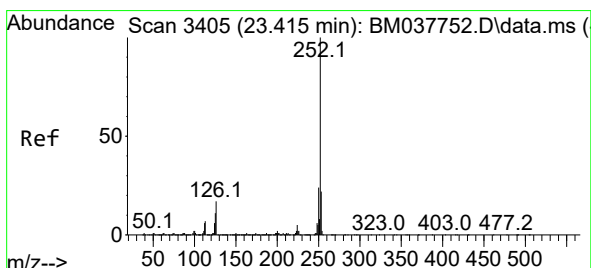
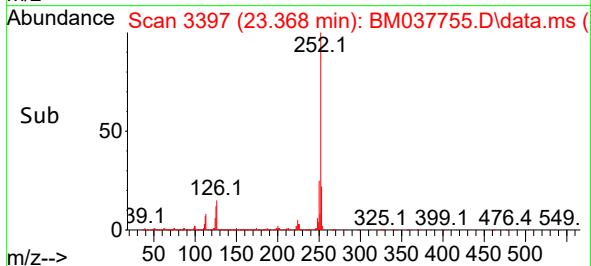
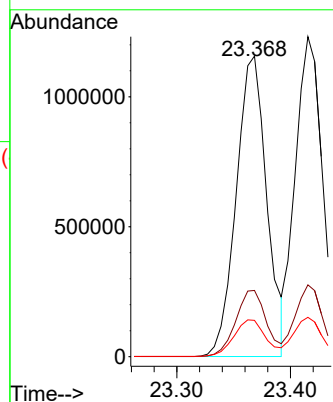
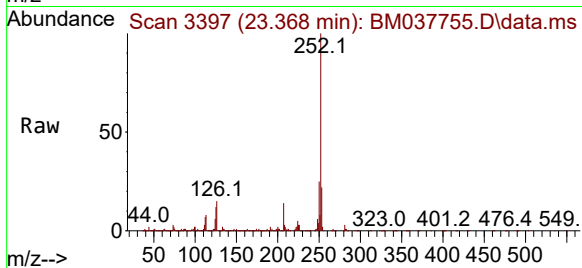
Tgt Ion:252 Resp: 2156601

Ion Ratio Lower Upper

252 100

253 22.0 17.8 26.6

125 12.1 11.0 16.4



#91

Benzo(k)fluoranthene

Concen: 32.971 ng/ul

RT: 23.415 min Scan# 3405

Delta R.T. 0.000 min

Lab File: BM037755.D

Acq: 28 Nov 2022 12:17

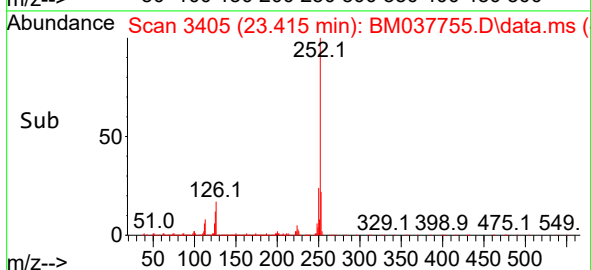
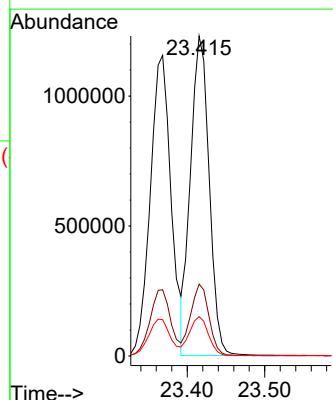
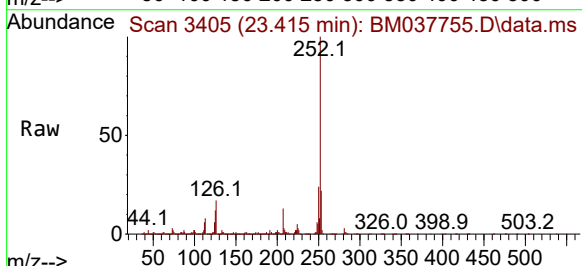
Tgt Ion:252 Resp: 2055275

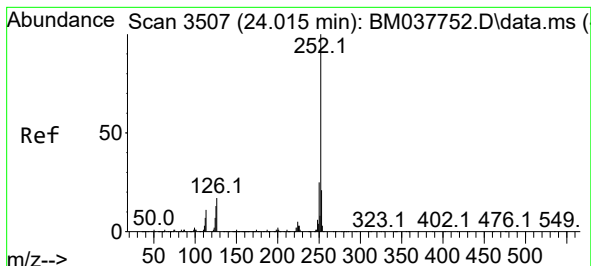
Ion Ratio Lower Upper

252 100

253 22.5 17.5 26.3

125 12.3 10.6 16.0





#93

Benzo(a)pyrene

Concen: 32.391 ng/ul

RT: 24.021 min Scan# 3

Delta R.T. 0.006 min

Lab File: BM037755.D

Acq: 28 Nov 2022 12:17

Instrument :

BNA_M

ClientSampleId :

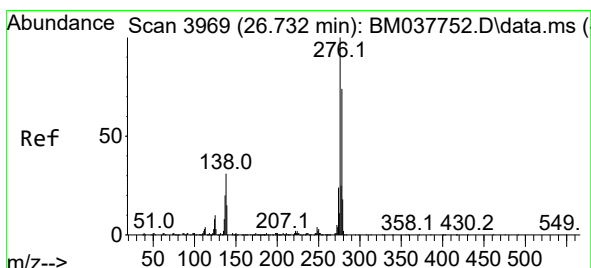
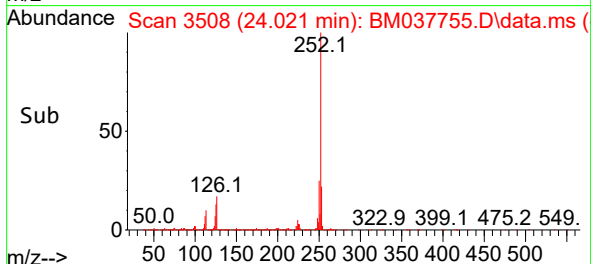
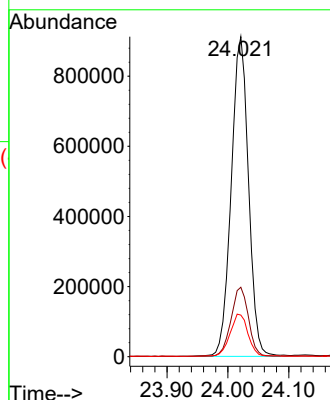
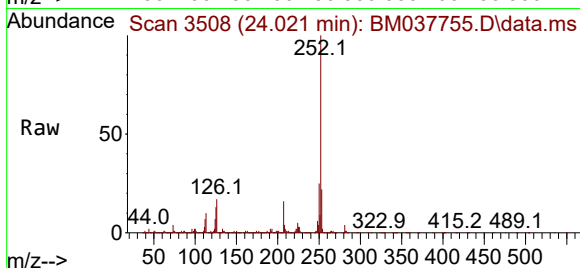
Tgt Ion:252 Resp: 1799508

Ion Ratio Lower Upper

252 100

253 21.7 17.3 25.9

125 13.0 12.0 18.0



#94

Indeno(1,2,3-cd)pyrene

Concen: 28.550 ng/ul

RT: 26.745 min Scan# 3971

Delta R.T. 0.012 min

Lab File: BM037755.D

Acq: 28 Nov 2022 12:17

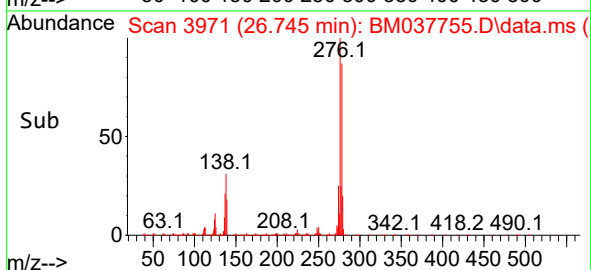
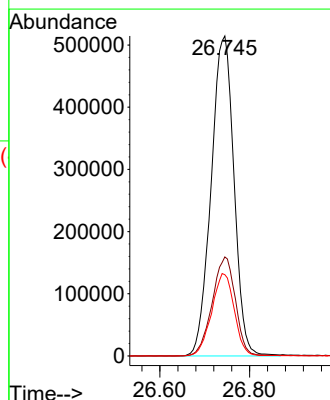
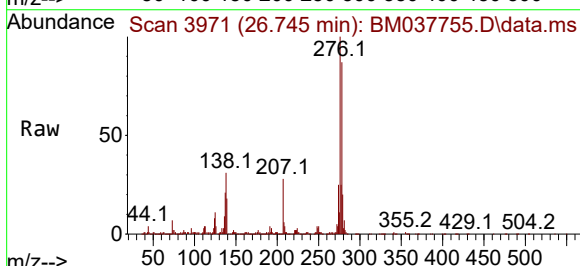
Tgt Ion:276 Resp: 1819598

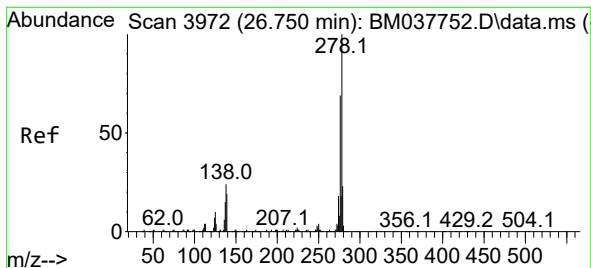
Ion Ratio Lower Upper

276 100

138 31.0 26.9 40.3

277 25.4 19.9 29.9





#95

Dibenzo(a,h)anthracene

Concen: 27.857 ng/ul

RT: 26.756 min Scan# 3972

Delta R.T. 0.006 min

Lab File: BM037755.D

Acq: 28 Nov 2022 12:17

Instrument :

BNA_M

ClientSampleId :

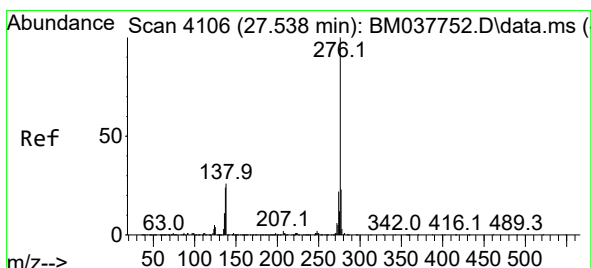
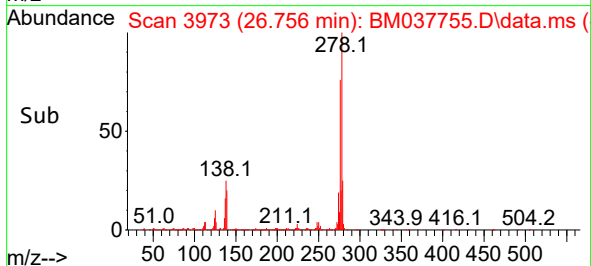
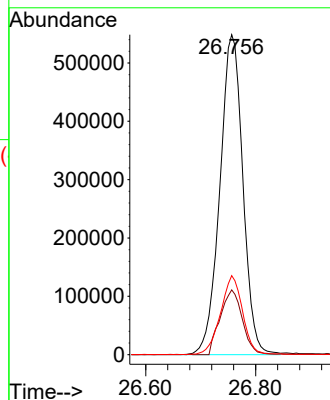
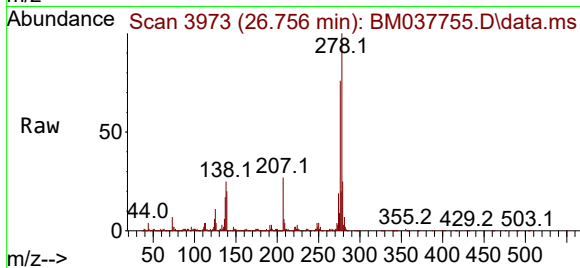
Tgt Ion:278 Resp: 1594063

Ion Ratio Lower Upper

278 100

139 20.3 16.6 25.0

279 24.7 19.3 28.9



#96

Benzo(g,h,i)perylene

Concen: 24.300 ng/ul

RT: 27.544 min Scan# 4107

Delta R.T. 0.006 min

Lab File: BM037755.D

Acq: 28 Nov 2022 12:17

Tgt Ion:276 Resp: 1348664

Ion Ratio Lower Upper

276 100

138 26.4 23.4 35.2

277 23.1 19.1 28.7

