

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM111323\
 Data File : BM042744.D
 Acq On : 14 Nov 2023 21:22
 Operator : MA/JU
 Sample : 05057-05
 Misc :
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Nov 15 03:34:20 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM111323.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Nov 14 00:02:28 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.834	152	22114	20.000	ng/u1	0.00
20) Naphthalene-d8	10.645	136	99627	20.000	ng/u1	#-0.01
38) Acenaphthene-d10	14.486	164	68706	20.000	ng/u1	-0.01
64) Phenanthrene-d10	17.245	188	154790	20.000	ng/u1	0.00
79) Chrysene-d12	21.427	240	171827	20.000	ng/u1	0.00
88) Perylene-d12	23.791	264	179911	20.000	ng/u1	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.181	96	3018	4.282	ng/uL	0.00
4) Pyridine-d5	3.622	84	21500	12.264	ng/u1	0.00
7) Phenol-d5	7.004	99	22098	10.267	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.181	67	63125	41.740	ng/u1	0.00
11) 2-Chlorophenol-d4	7.351	132	50507	30.413	ng/u1	-0.01
15) 4-Methylphenol-d8	8.557	113	37708	22.251	ng/u1	0.00
21) Nitrobenzene-d5	9.033	128	31224	35.747	ng/u1	0.00
24) 2-Nitrophenol-d4	9.745	143	35081	34.332	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.269	165	65673	34.565	ng/u1	0.00
31) 4-Chloroaniline-d4	10.822	131	80085	33.198	ng/u1	0.00
46) Dimethylphthalate-d6	13.910	166	263540	40.529	ng/u1	0.00
49) Acenaphthylene-d8	14.192	160	266550	38.311	ng/u1	0.00
54) 4-Nitrophenol-d4	14.745	143	5825	7.929	ng/u1	0.00
60) Fluorene-d10	15.480	176	220941	41.032	ng/u1	-0.01
65) 4,6-Dinitro-2-methylph...	15.627	200	47839	40.801	ng/u1	-0.01
73) Anthracene-d10	17.345	188	362856	41.829	ng/u1	0.00
81) Pyrene-d10	19.639	212	494858	43.980	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.638	264	486464	45.204	ng/u1	-0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.216	88	5819	7.753	ng/uL	98
5) Pyridine	3.646	79	28322	14.857	ng/u1	98
6) Benzaldehyde	6.998	77	60610	49.083	ng/u1	92
8) Phenol	7.028	94	27545	12.867	ng/u1	95
10) Bis(2-Chloroethyl)ether	7.275	93	76415	43.212	ng/u1	94
12) 2-Chlorophenol	7.386	128	56100	33.944	ng/u1	89
13) 2-Methylphenol	8.286	108	45592	28.559	ng/u1	96
14) 2,2'-oxybis(1-Chloropr...	8.345	45	95613	29.701	ng/u1	98
16) Acetophenone	8.686	105	123470	43.331	ng/u1	97
17) N-Nitroso-di-n-propyla...	8.651	70	81072	46.738	ng/u1	92
18) 4-Methylphenol	8.622	108	45487	26.207	ng/u1	100
19) Hexachloroethane	8.886	117	31261	33.937	ng/u1	95
22) Nitrobenzene	9.075	77	114439	43.348	ng/u1	97
23) Isophorone	9.580	82	226162	43.013	ng/u1	97
25) 2-Nitrophenol	9.775	139	39437	37.987	ng/u1	95
26) 2,4-Dimethylphenol	9.822	107	68792	30.970	ng/u1	97
27) Bis(2-Chloroethoxy)met...	10.075	93	113050	42.548	ng/u1	100
29) 2,4-Dichlorophenol	10.298	162	67252	37.386	ng/u1	96
30) Naphthalene	10.698	128	237933	38.121	ng/u1	100
32) 4-Chloroaniline	10.845	127	80454	34.763	ng/u1	99
33) Hexachlorobutadiene	10.916	225	52119	32.800	ng/u1	99
34) Caprolactam	11.686	113	3512	6.585	ng/u1	84
35) 4-Chloro-3-methylphenol	11.951	107	72746	37.740	ng/u1	95
36) 2-Methylnaphthalene	12.310	142	172171	41.158	ng/u1	98

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM111323\
 Data File : BM042744.D
 Acq On : 14 Nov 2023 21:22
 Operator : MA/JU
 Sample : 05057-05
 Misc :
 ALS Vial : 46 Sample Multiplier: 1

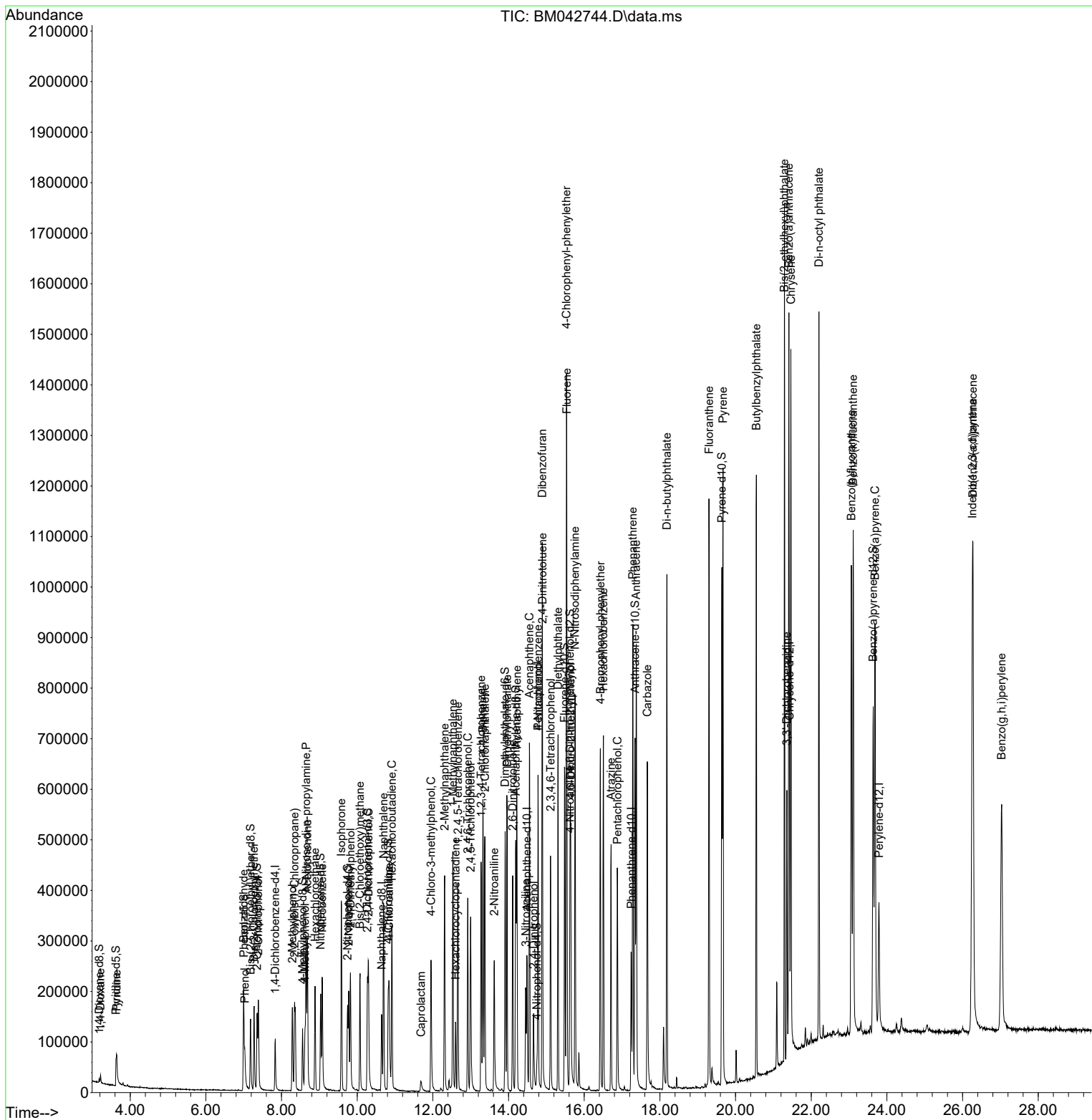
Instrument :
 BNA_M
 ClientSampleId :

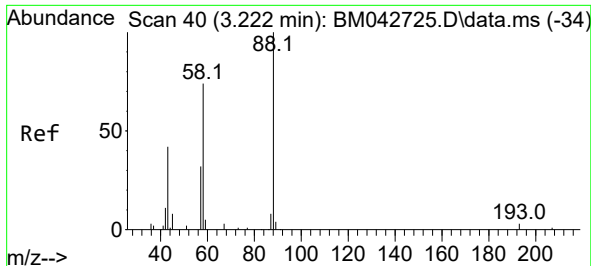
Quant Time: Nov 15 03:34:20 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM111323.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Nov 14 00:02:28 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.527	142	172435	39.206	ng/ul	96
39) 1,2,4,5-Tetrachloroben...	12.663	216	107859	40.029	ng/ul	97
40) Hexachlorocyclopentadiene	12.604	237	30337	23.781	ng/ul	93
41) 2,4,6-Trichlorophenol	12.921	196	69416	42.176	ng/ul	94
42) 2,4,5-Trichlorophenol	12.998	196	73957	46.535	ng/ul	98
43) 1,1'-Biphenyl	13.321	154	241118	42.081	ng/ul#	97
44) 2-Chloronaphthalene	13.374	162	193063	41.884	ng/ul	98
45) 2-Nitroaniline	13.621	65	79500	52.884	ng/ul	98
47) Dimethylphthalate	13.963	163	292060	46.114	ng/ul	99
48) 2,6-Dinitrotoluene	14.110	165	55928	47.004	ng/ul	96
50) Acenaphthylene	14.221	152	344556	44.197	ng/ul	100
51) 3-Nitroaniline	14.457	138	44680	45.921	ng/ul	96
52) Acenaphthene	14.551	153	235849	44.733	ng/ul	97
53) 2,4-Dinitrophenol	14.662	184	25481	43.069	ng/ul	88
55) 4-Nitrophenol	14.780	109	17381	15.035	ng/ul#	26
56) Dibenzofuran	14.892	168	333972	45.638	ng/ul	99
57) 2,4-Dinitrotoluene	14.898	165	86974	49.789	ng/ul	90
58) 2,3,4,6-Tetrachlorophenol	15.110	232	74779	45.328	ng/ul#	99
59) Diethylphthalate	15.310	149	311275	46.869	ng/ul	98
61) Fluorene	15.539	166	300714	48.401	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.533	204	160243	47.857	ng/ul	98
63) 4-Nitroaniline	15.621	138	44263	49.900	ng/ul	91
66) 4,6-Dinitro-2-methylph...	15.645	198	55265	46.298	ng/ul	94
67) N-Nitrosodiphenylamine	15.757	169	233216	48.038	ng/ul	99
68) 4-Bromophenyl-phenylether	16.427	248	96042	46.614	ng/ul	95
69) Hexachlorobenzene	16.509	284	119012	47.250	ng/ul	94
70) Atrazine	16.709	200	74043	39.595	ng/ul	97
71) Pentachlorophenol	16.880	266	65568	45.206	ng/ul	98
72) Phenanthrene	17.286	178	471147	48.722	ng/ul	99
74) Anthracene	17.374	178	473371	48.667	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.274	216	110412	40.340	ng/uL	99
76) Pentachlorobenzene	14.780	250	118148	41.139	ng/uL	98
77) Carbazole	17.668	167	401250	49.959	ng/ul	99
78) Di-n-butylphthalate	18.186	149	577204	49.147	ng/ul	98
80) Fluoranthene	19.297	202	610531	47.588	ng/ul	98
82) Pyrene	19.668	202	659052	48.448	ng/ul	98
83) Butylbenzylphthalate	20.550	149	266353	45.842	ng/ul	95
84) 3,3'-Dichlorobenzidine	21.356	252	150301	34.177	ng/ul	99
85) Benzo(a)anthracene	21.409	228	659787	48.915	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.291	149	409409	46.443	ng/ul	99
87) Chrysene	21.462	228	629290	48.106	ng/ul	99
89) Di-n-octyl phthalate	22.203	149	695761	47.875	ng/ul	100
90) Benzo(b)fluoranthene	23.062	252	630183	51.326	ng/ul#	98
91) Benzo(k)fluoranthene	23.109	252	667334	51.059	ng/ul	99
93) Benzo(a)pyrene	23.685	252	603319	50.428	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.262	276	753535	50.679	ng/ul	98
95) Dibenzo(a,h)anthracene	26.273	278	637981	51.754	ng/ul	99
96) Benzo(g,h,i)perylene	27.032	276	593777	50.290	ng/ul	99

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

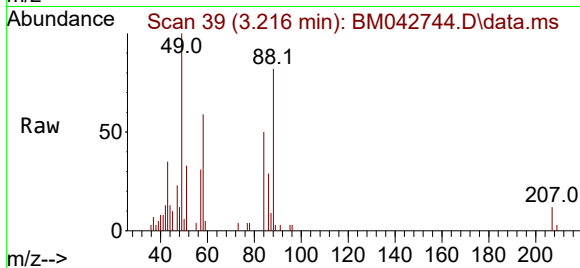
Quant Time: Nov 15 03:34:20 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM111323.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Nov 14 00:02:28 2023
Response via : Initial Calibration



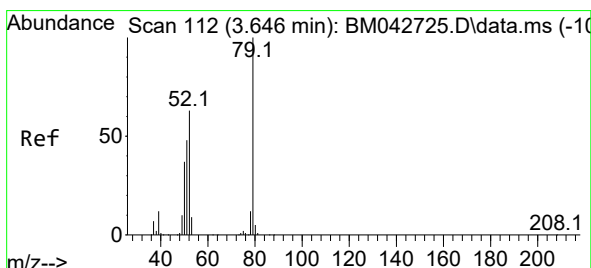
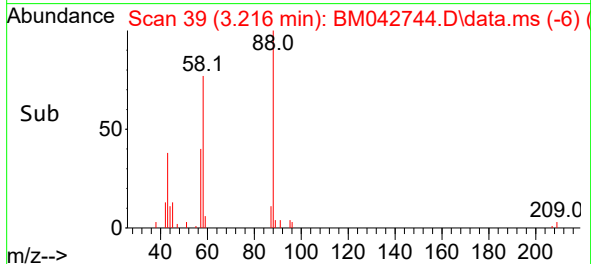
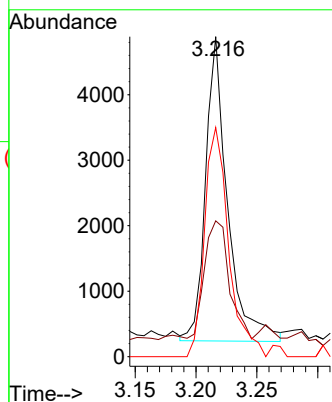


#2
1,4-Dioxane
Concen: 7.753 ng/uL
RT: 3.216 min Scan# 39
Delta R.T. -0.006 min
Lab File: BM042744.D
Acq: 14 Nov 2023 21:22

Instrument :
BNA_M
ClientSampleId :

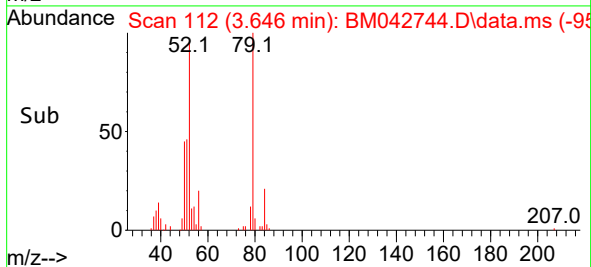
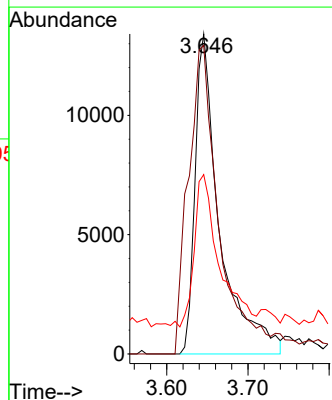
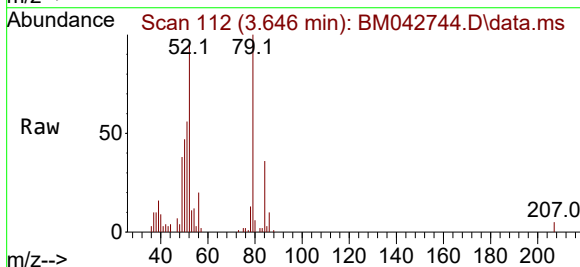


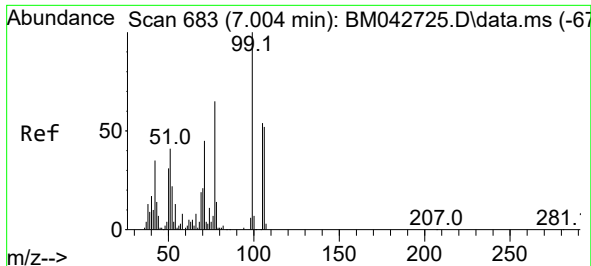
Tgt Ion: 88 Resp: 5819
Ion Ratio Lower Upper
88 100
43 42.4 34.3 51.5
58 71.6 59.4 89.0



#5
Pyridine
Concen: 14.857 ng/uL
RT: 3.646 min Scan# 112
Delta R.T. -0.000 min
Lab File: BM042744.D
Acq: 14 Nov 2023 21:22

Tgt Ion: 79 Resp: 28322
Ion Ratio Lower Upper
79 100
52 96.5 74.6 111.8
51 56.1 44.6 67.0

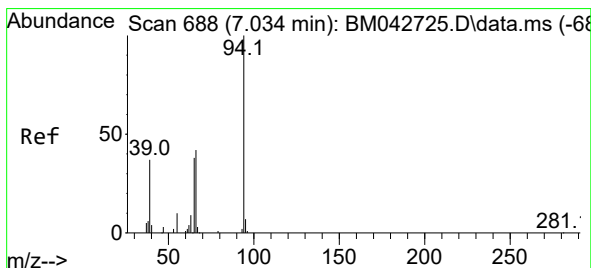
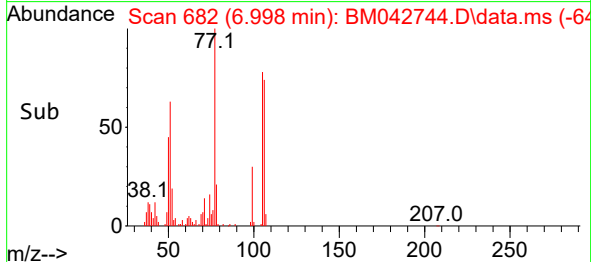
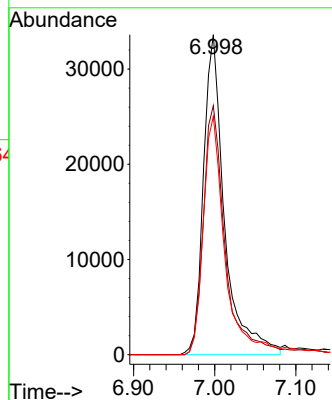
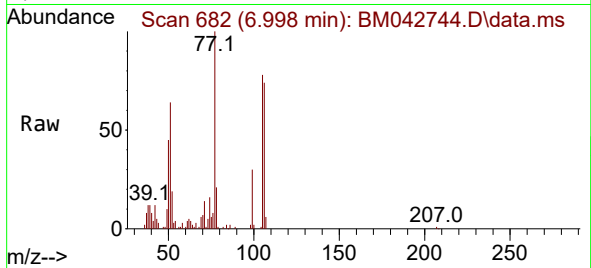




#6
Benzaldehyde
Concen: 49.083 ng/ul
RT: 6.998 min Scan# 610
Delta R.T. -0.006 min
Lab File: BM042744.D
Acq: 14 Nov 2023 21:22

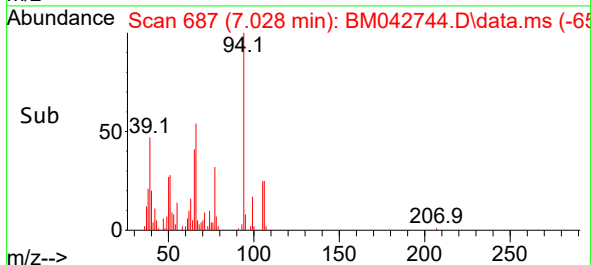
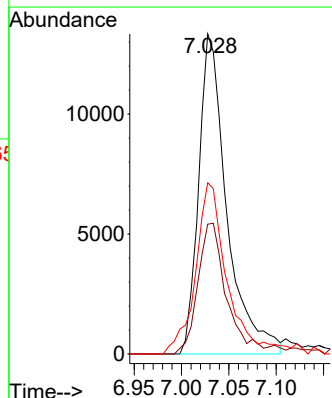
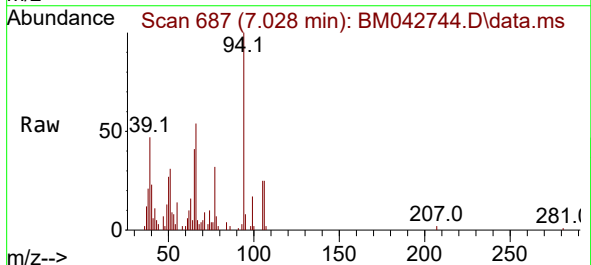
Instrument :
BNA_M
ClientSampleId :

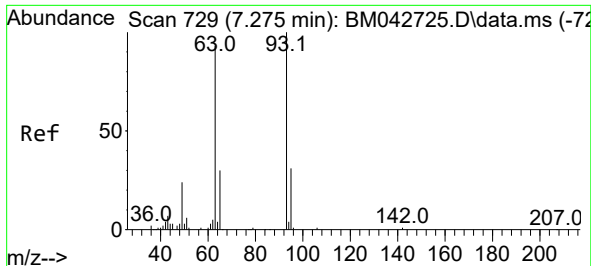
Tgt Ion: 77 Resp: 60610
Ion Ratio Lower Upper
77 100
105 77.8 69.6 104.4
106 74.4 64.2 96.2



#8
Phenol
Concen: 12.867 ng/ul
RT: 7.028 min Scan# 687
Delta R.T. -0.006 min
Lab File: BM042744.D
Acq: 14 Nov 2023 21:22

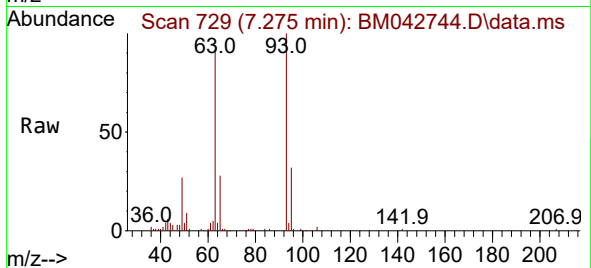
Tgt Ion: 94 Resp: 27545
Ion Ratio Lower Upper
94 100
65 40.6 30.3 45.5
66 53.5 39.9 59.9



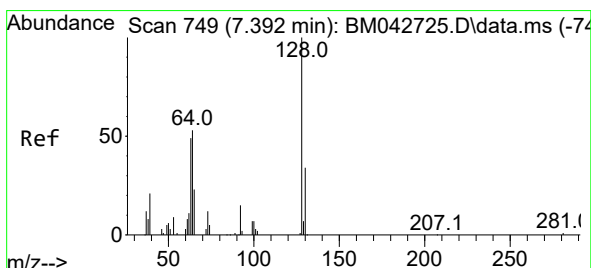
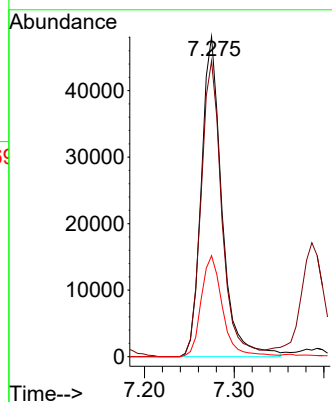
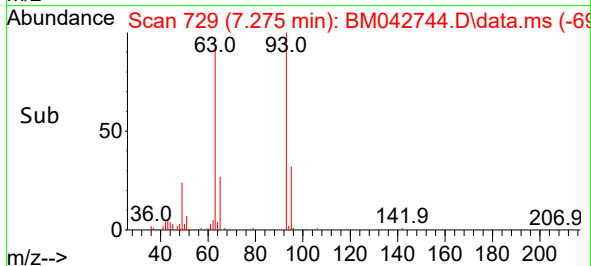


#10
Bis(2-Chloroethyl)ether
Concen: 43.212 ng/ul
RT: 7.275 min Scan# 729
Delta R.T. -0.006 min
Lab File: BM042744.D
Acq: 14 Nov 2023 21:22

Instrument :
BNA_M
ClientSampleId :

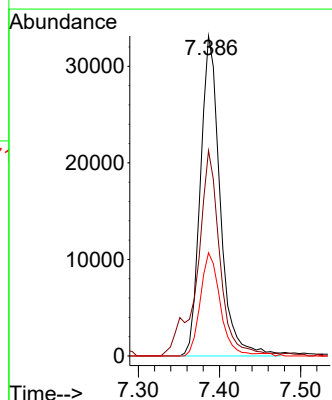
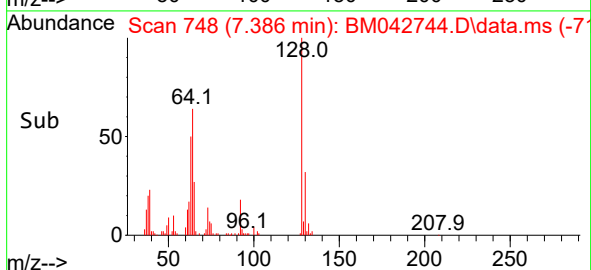
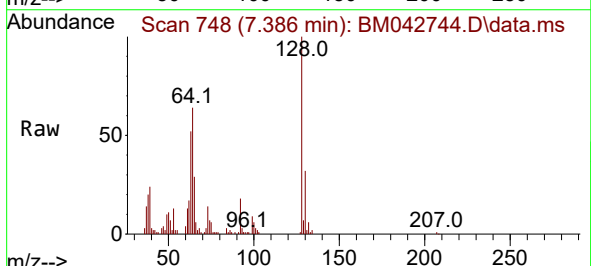


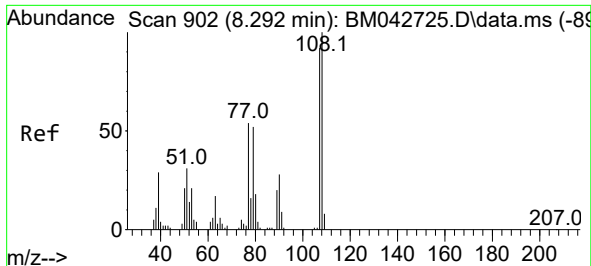
Tgt Ion: 93 Resp: 76415
Ion Ratio Lower Upper
93 100
63 92.4 68.6 102.8
95 31.6 24.8 37.2



#12
2-Chlorophenol
Concen: 33.944 ng/ul
RT: 7.386 min Scan# 748
Delta R.T. -0.012 min
Lab File: BM042744.D
Acq: 14 Nov 2023 21:22

Tgt Ion:128 Resp: 56100
Ion Ratio Lower Upper
128 100
64 64.2 42.9 64.3
130 32.3 23.9 35.9

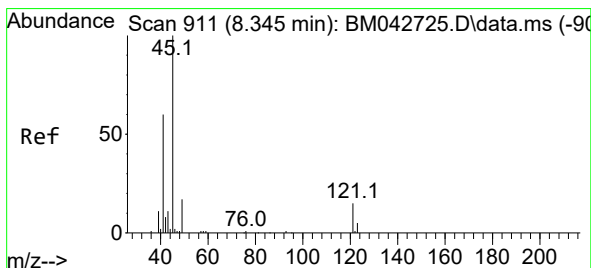
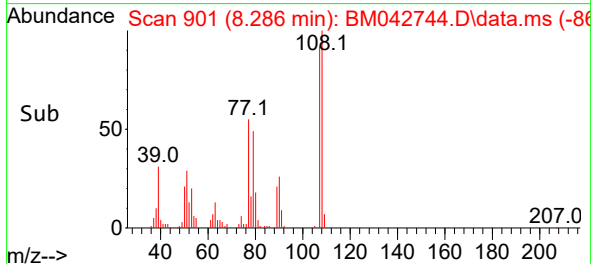
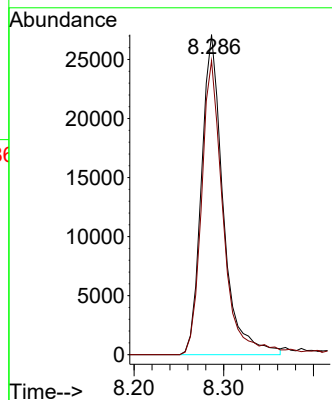
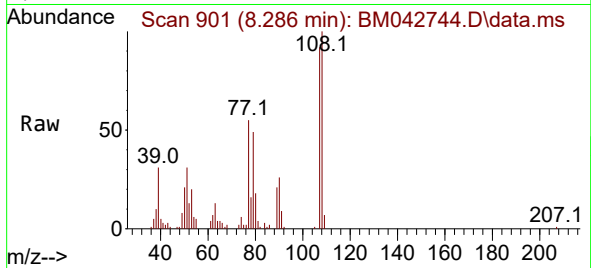




#13
2-Methylphenol
Concen: 28.559 ng/ul
RT: 8.286 min Scan# 901
Delta R.T. -0.006 min
Lab File: BM042744.D
Acq: 14 Nov 2023 21:22

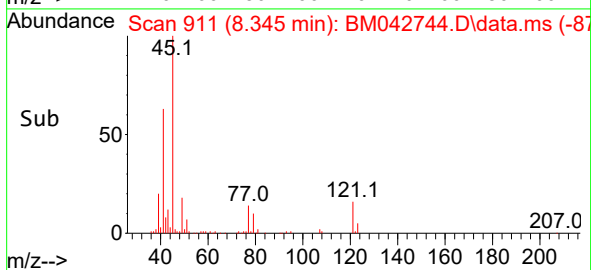
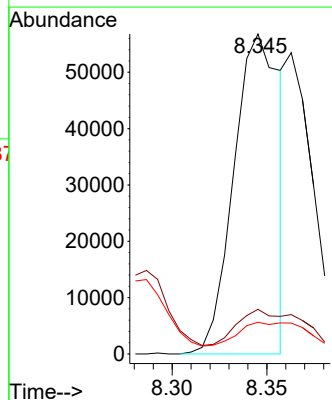
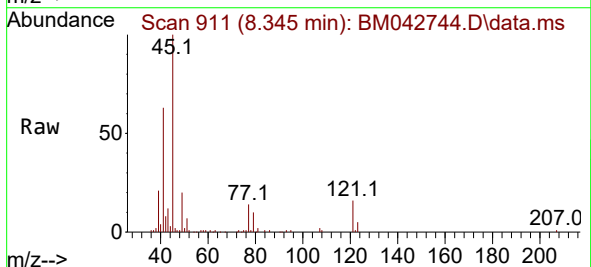
Instrument :
BNA_M
ClientSampleId :

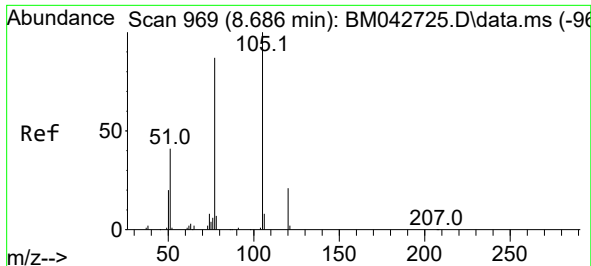
Tgt Ion:108 Resp: 45592
Ion Ratio Lower Upper
108 100
107 91.9 70.4 105.6



#14
2,2'-oxybis(1-Chloropropane)
Concen: 29.701 ng/ul
RT: 8.345 min Scan# 911
Delta R.T. -0.006 min
Lab File: BM042744.D
Acq: 14 Nov 2023 21:22

Tgt Ion: 45 Resp: 95613
Ion Ratio Lower Upper
45 100
77 14.0 12.2 18.2
79 9.9 8.2 12.2

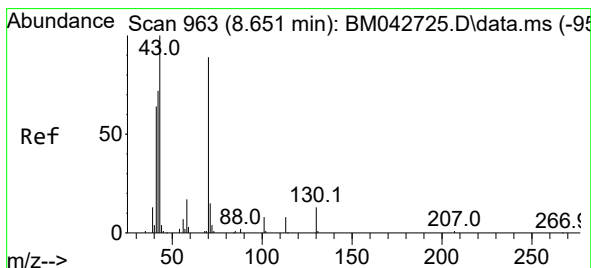
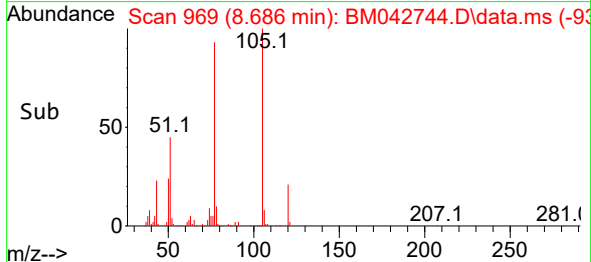
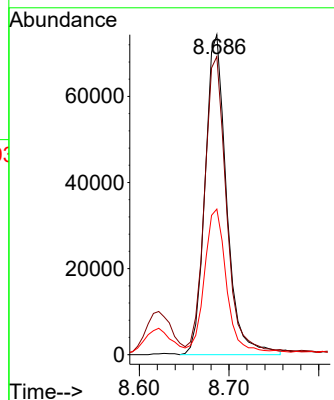
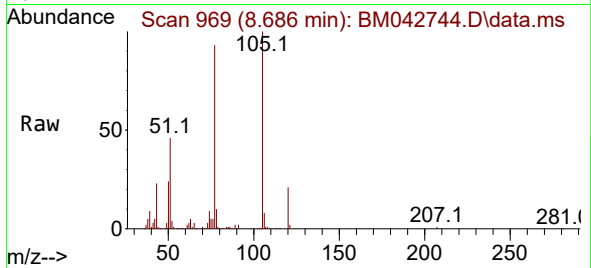




#16
Acetophenone
Concen: 43.331 ng/ul
RT: 8.686 min Scan# 969
Delta R.T. -0.006 min
Lab File: BM042744.D
Acq: 14 Nov 2023 21:22

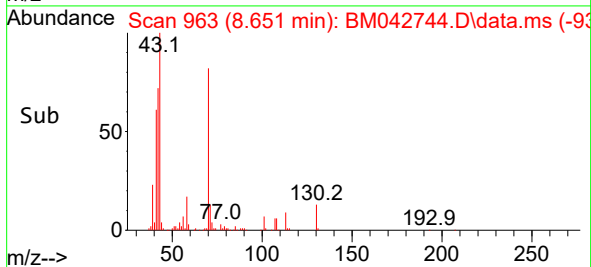
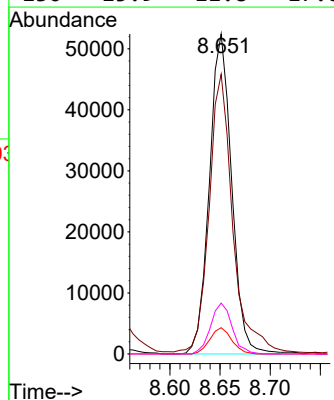
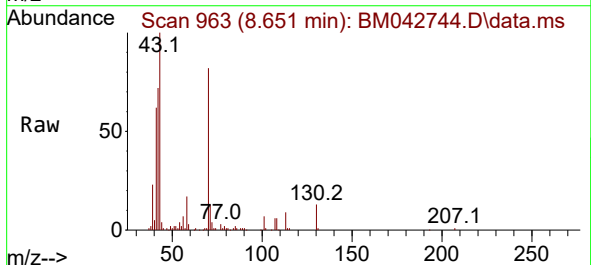
Instrument :
BNA_M
ClientSampleId :

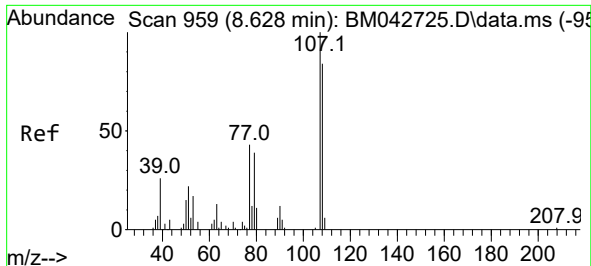
Tgt Ion:105 Resp: 123470
Ion Ratio Lower Upper
105 100
77 93.1 71.6 107.4
51 45.5 35.4 53.2



#17
N-Nitroso-di-n-propylamine
Concen: 46.738 ng/ul
RT: 8.651 min Scan# 963
Delta R.T. -0.006 min
Lab File: BM042744.D
Acq: 14 Nov 2023 21:22

Tgt Ion: 70 Resp: 81072
Ion Ratio Lower Upper
70 100
42 87.4 63.0 94.6
101 8.2 7.0 10.4
130 15.9 11.8 17.8





#18

4-Methylphenol

Concen: 26.207 ng/ul

RT: 8.622 min Scan# 91

Delta R.T. -0.006 min

Lab File: BM042744.D

Acq: 14 Nov 2023 21:22

Instrument :

BNA_M

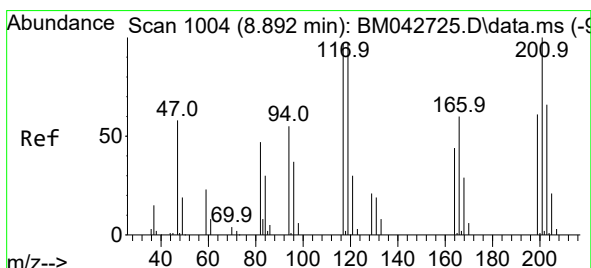
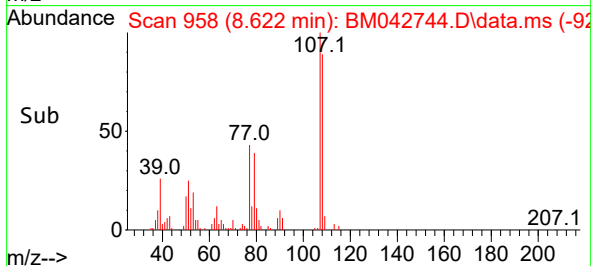
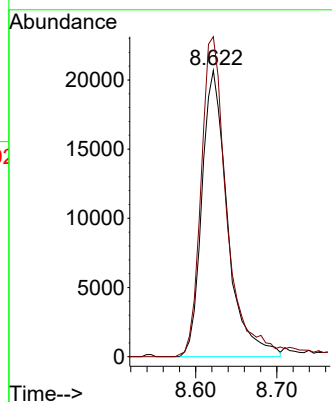
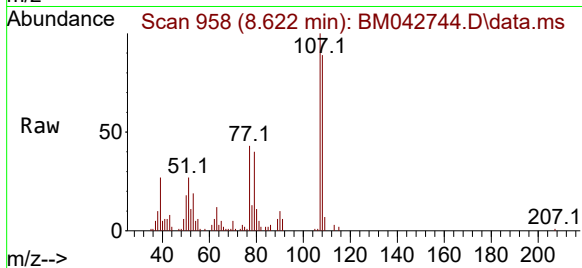
ClientSampleId :

Tgt Ion:108 Resp: 45487

Ion Ratio Lower Upper

108 100

107 111.8 89.4 134.0



#19

Hexachloroethane

Concen: 33.937 ng/ul

RT: 8.886 min Scan# 1003

Delta R.T. -0.006 min

Lab File: BM042744.D

Acq: 14 Nov 2023 21:22

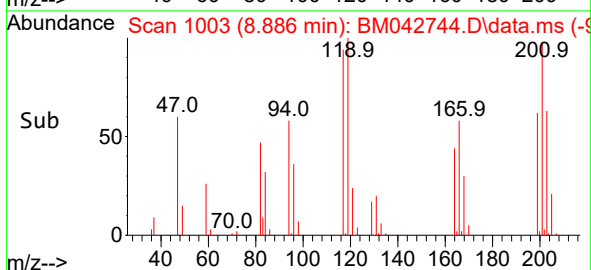
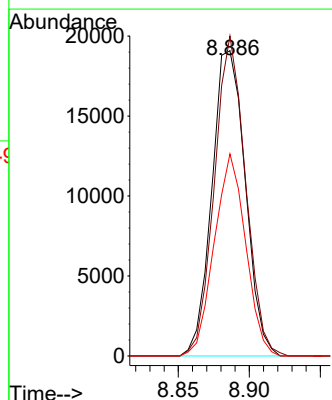
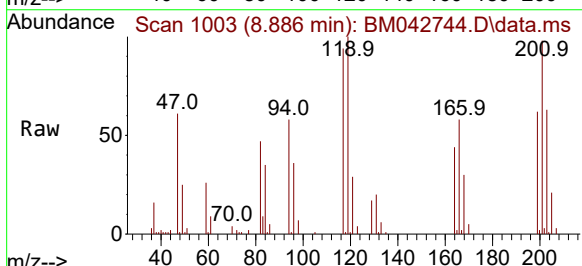
Tgt Ion:117 Resp: 31261

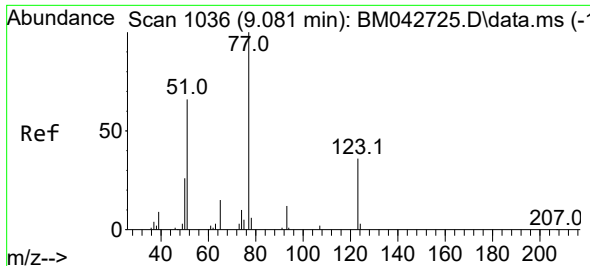
Ion Ratio Lower Upper

117 100

201 104.8 90.0 135.0

199 66.2 52.2 78.4

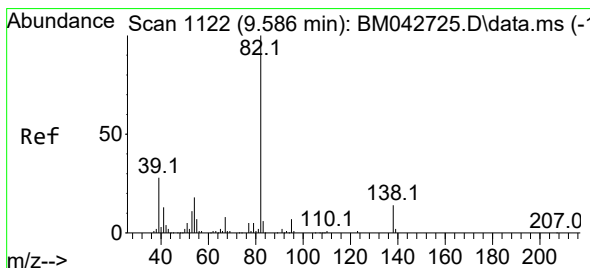
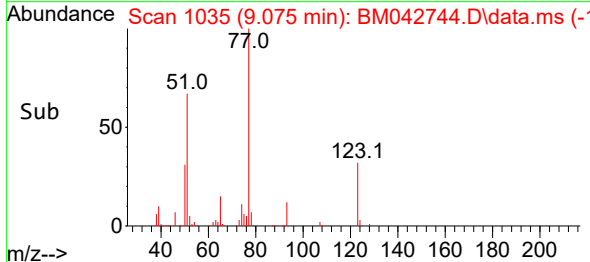
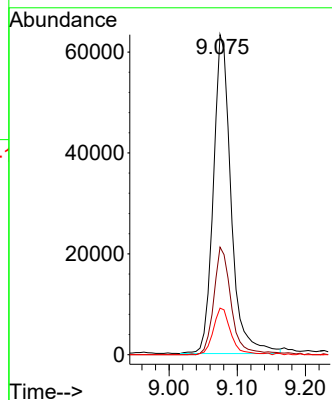
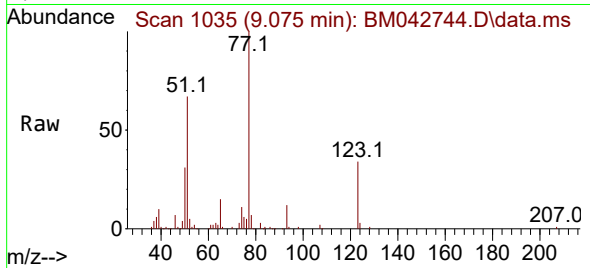




#22
Nitrobenzene
Concen: 43.348 ng/ul
RT: 9.075 min Scan# 11035
Delta R.T. -0.012 min
Lab File: BM042744.D
Acq: 14 Nov 2023 21:22

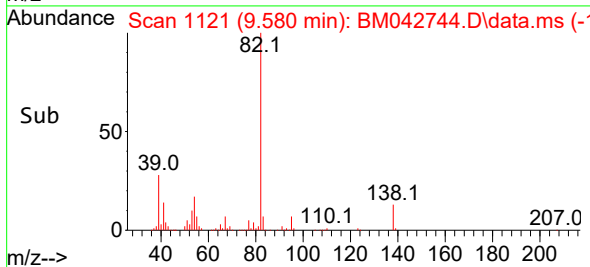
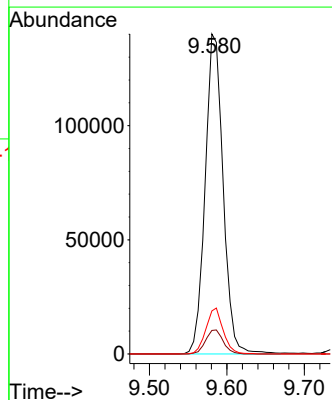
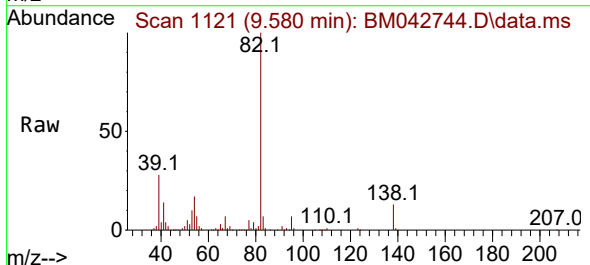
Instrument :
BNA_M
ClientSampleId :

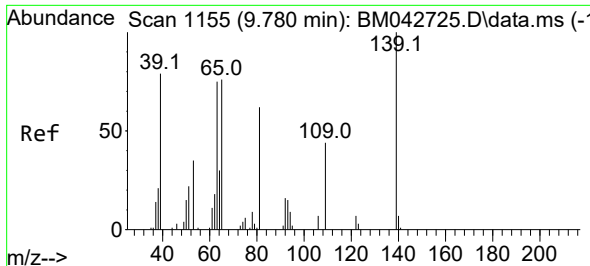
Tgt Ion: 77 Resp: 114439
Ion Ratio Lower Upper
77 100
123 33.6 28.4 42.6
65 14.5 12.4 18.6



#23
Isophorone
Concen: 43.013 ng/ul
RT: 9.580 min Scan# 1121
Delta R.T. -0.012 min
Lab File: BM042744.D
Acq: 14 Nov 2023 21:22

Tgt Ion: 82 Resp: 226162
Ion Ratio Lower Upper
82 100
95 7.4 6.4 9.6
138 13.5 12.1 18.1





#25

2-Nitrophenol

Concen: 37.987 ng/ul

RT: 9.775 min Scan# 1155

Delta R.T. -0.012 min

Lab File: BM042744.D

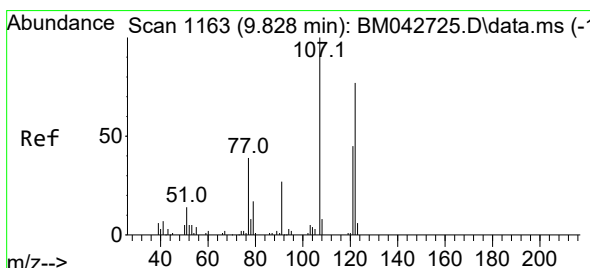
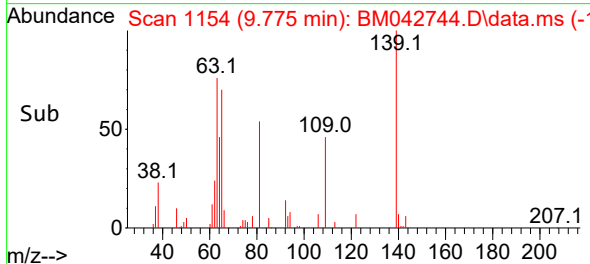
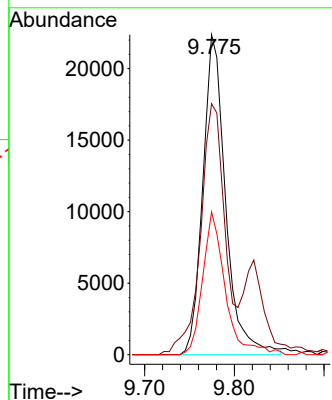
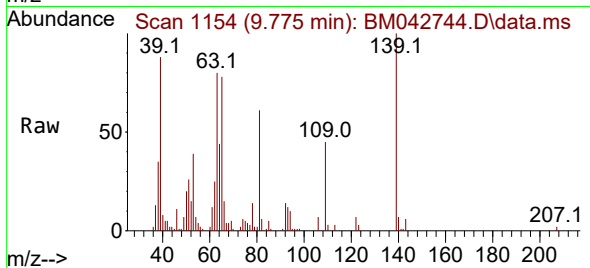
Acq: 14 Nov 2023 21:22

Instrument :

BNA_M

ClientSampleId :

Tgt Ion:139	Resp:	39437
Ion Ratio	Lower	Upper
139	100	
65	78.4	59.1 88.7
109	44.6	33.9 50.9



#26

2,4-Dimethylphenol

Concen: 30.970 ng/ul

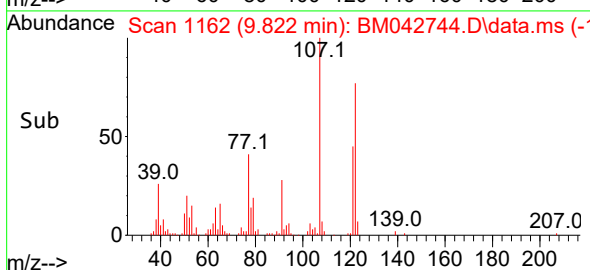
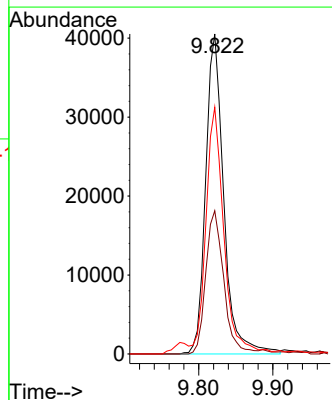
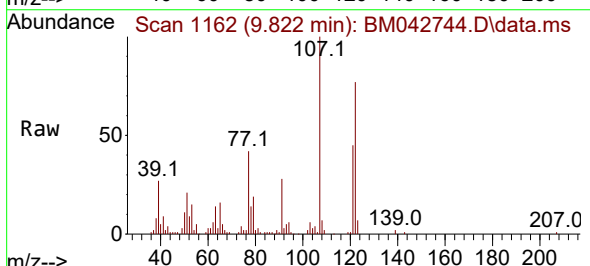
RT: 9.822 min Scan# 1162

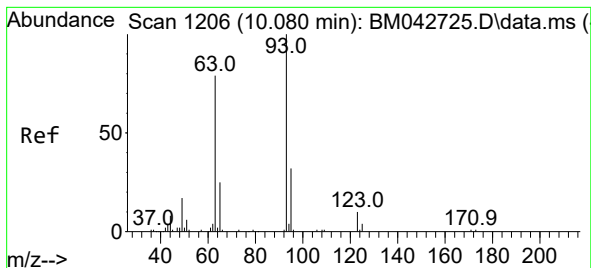
Delta R.T. -0.006 min

Lab File: BM042744.D

Acq: 14 Nov 2023 21:22

Tgt Ion:107	Resp:	68792
Ion Ratio	Lower	Upper
107	100	
121	44.8	38.0 57.0
122	77.1	60.5 90.7

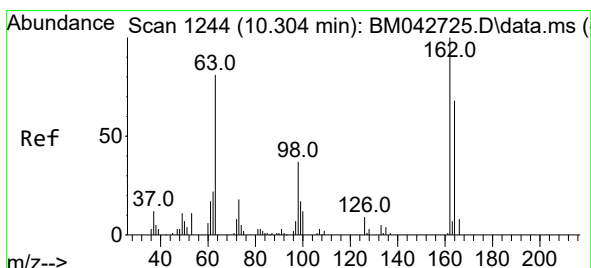
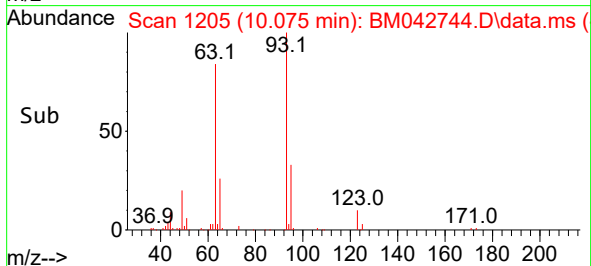
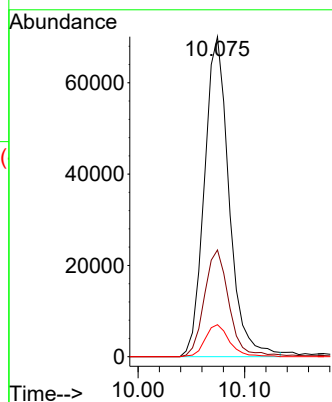
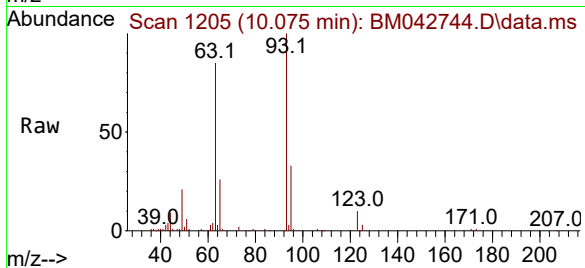




#27
Bis(2-Chloroethoxy)methane
Concen: 42.548 ng/ul
RT: 10.075 min Scan# 11
Delta R.T. -0.006 min
Lab File: BM042744.D
Acq: 14 Nov 2023 21:22

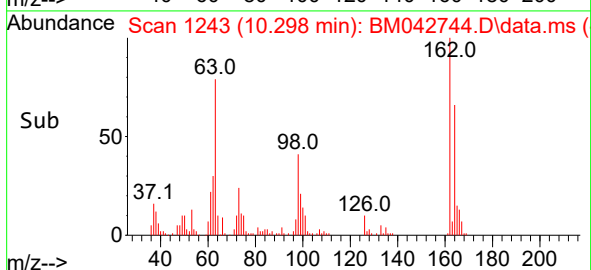
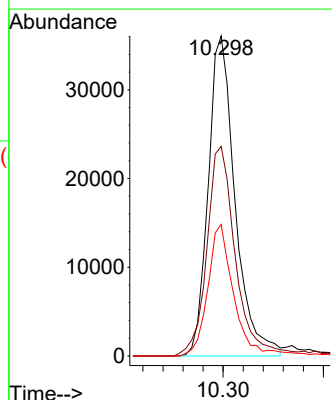
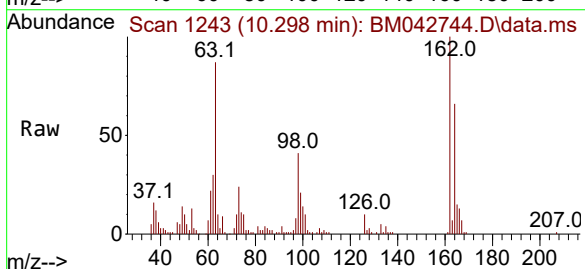
Instrument :
BNA_M
ClientSampleId :

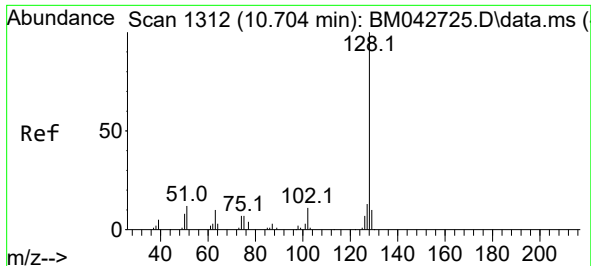
Tgt Ion: 93 Resp: 113050
Ion Ratio Lower Upper
93 100
95 33.4 26.5 39.7
123 10.0 8.2 12.2



#29
2,4-Dichlorophenol
Concen: 37.386 ng/ul
RT: 10.298 min Scan# 1243
Delta R.T. -0.006 min
Lab File: BM042744.D
Acq: 14 Nov 2023 21:22

Tgt Ion:162 Resp: 67252
Ion Ratio Lower Upper
162 100
164 65.5 53.4 80.2
98 41.1 28.4 42.6

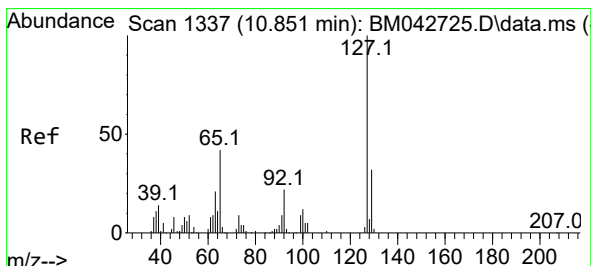
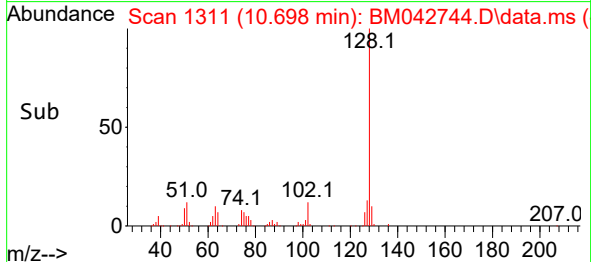
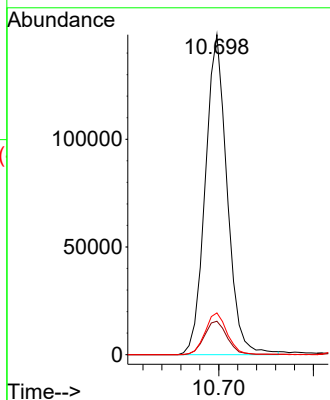
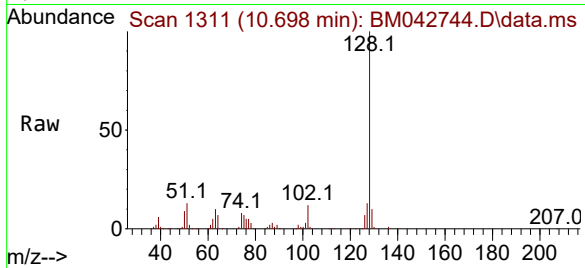




#30
Naphthalene
Concen: 38.121 ng/ul
RT: 10.698 min Scan# 11
Delta R.T. -0.006 min
Lab File: BM042744.D
Acq: 14 Nov 2023 21:22

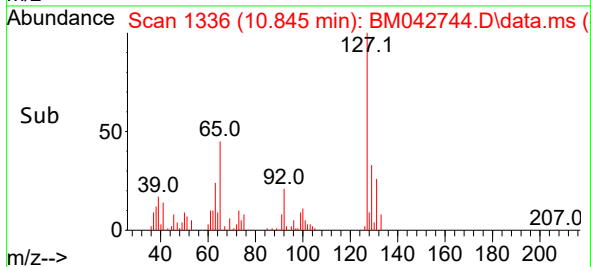
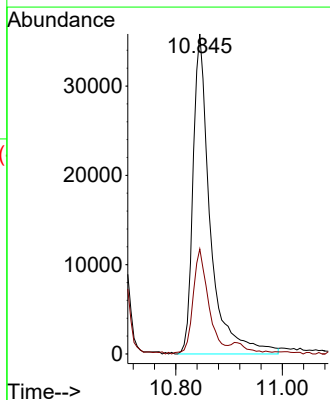
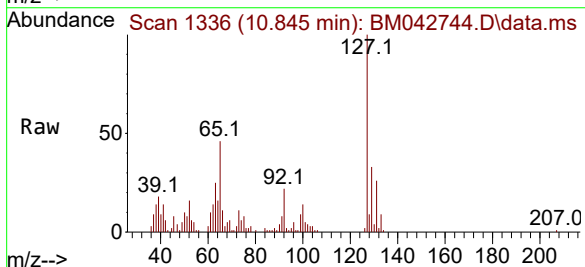
Instrument :
BNA_M
ClientSampleId :

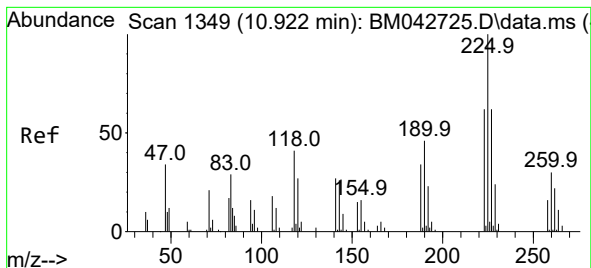
Tgt Ion:128 Resp: 237933
Ion Ratio Lower Upper
128 100
129 10.5 8.6 13.0
127 13.0 10.5 15.7



#32
4-Chloroaniline
Concen: 34.763 ng/ul
RT: 10.845 min Scan# 1336
Delta R.T. -0.006 min
Lab File: BM042744.D
Acq: 14 Nov 2023 21:22

Tgt Ion:127 Resp: 80454
Ion Ratio Lower Upper
127 100
129 32.8 26.7 40.1





#33

Hexachlorobutadiene

Concen: 32.800 ng/ul

RT: 10.916 min Scan# 1

Delta R.T. -0.012 min

Lab File: BM042744.D

Acq: 14 Nov 2023 21:22

Instrument :

BNA_M

ClientSampleId :

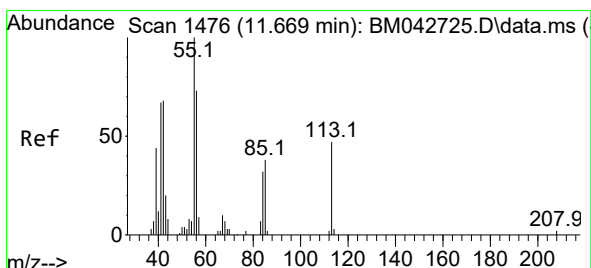
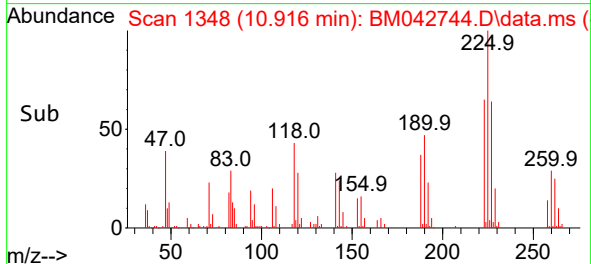
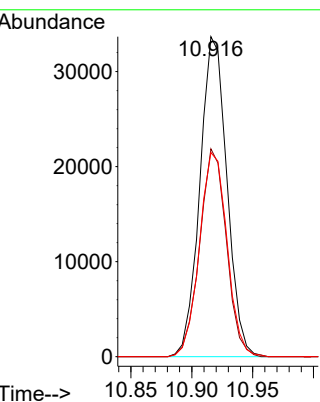
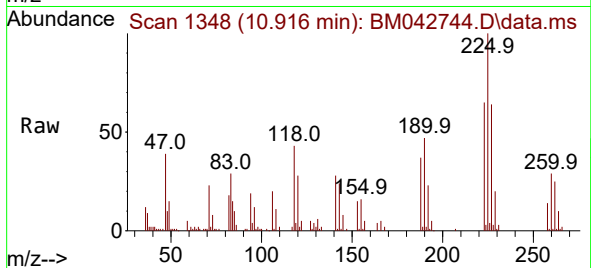
Tgt Ion:225 Resp: 52119

Ion Ratio Lower Upper

225 100

223 65.0 53.0 79.4

227 63.8 50.5 75.7



#34

Caprolactam

Concen: 6.585 ng/ul

RT: 11.686 min Scan# 1479

Delta R.T. -0.012 min

Lab File: BM042744.D

Acq: 14 Nov 2023 21:22

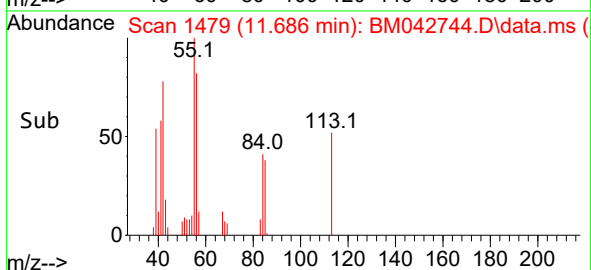
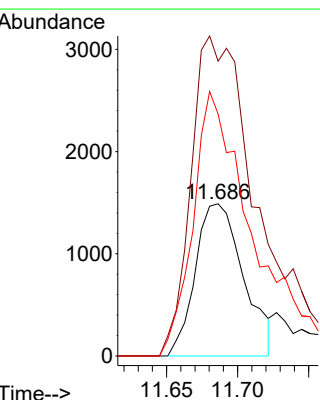
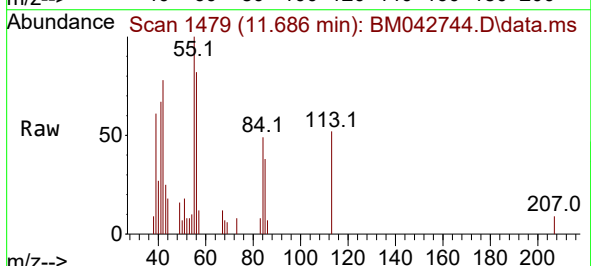
Tgt Ion:113 Resp: 3512

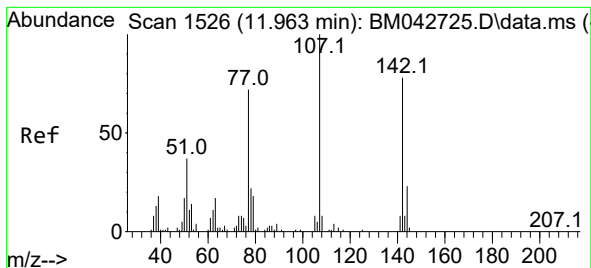
Ion Ratio Lower Upper

113 100

55 193.7 184.2 276.2

56 159.0 134.3 201.5

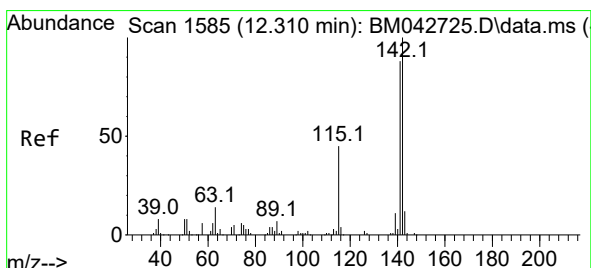
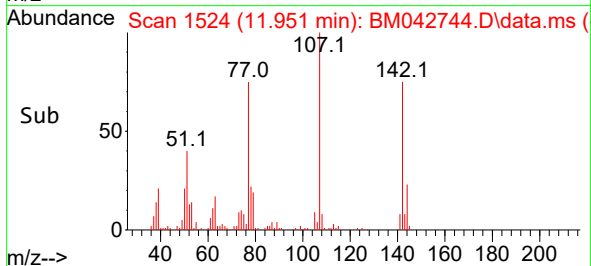
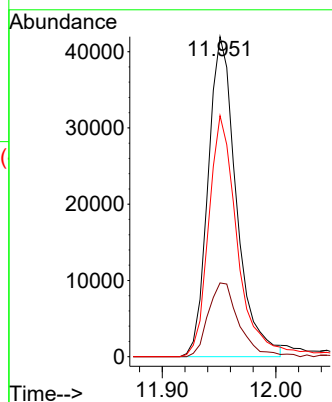
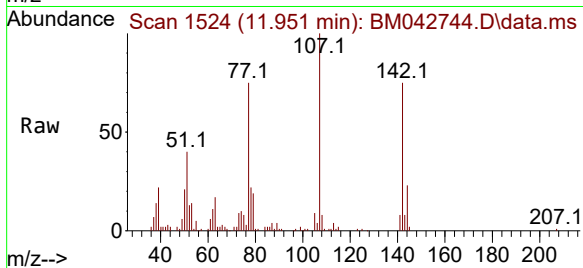




#35
4-Chloro-3-methylphenol
Concen: 37.740 ng/ul
RT: 11.951 min Scan# 11
Delta R.T. -0.006 min
Lab File: BM042744.D
Acq: 14 Nov 2023 21:22

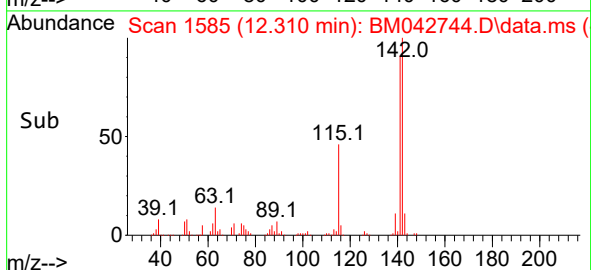
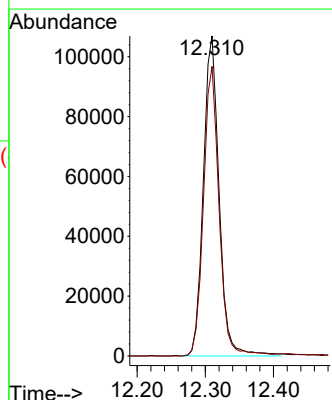
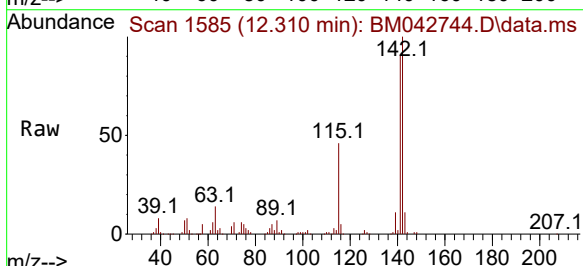
Instrument :
BNA_M
ClientSampleId :

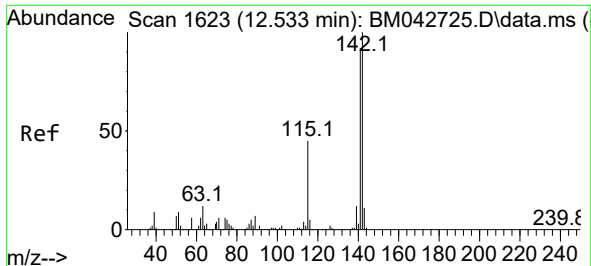
Tgt Ion:107 Resp: 72746
Ion Ratio Lower Upper
107 100
144 23.0 18.3 27.5
142 75.3 56.3 84.5



#36
2-Methylnaphthalene
Concen: 41.158 ng/ul
RT: 12.310 min Scan# 1585
Delta R.T. -0.006 min
Lab File: BM042744.D
Acq: 14 Nov 2023 21:22

Tgt Ion:142 Resp: 172171
Ion Ratio Lower Upper
142 100
141 90.5 73.6 110.4





#37

1-Methylnaphthalene

Concen: 39.206 ng/ul

RT: 12.527 min Scan# 1

Delta R.T. -0.006 min

Lab File: BM042744.D

Acq: 14 Nov 2023 21:22

Instrument :

BNA_M

ClientSampleId :

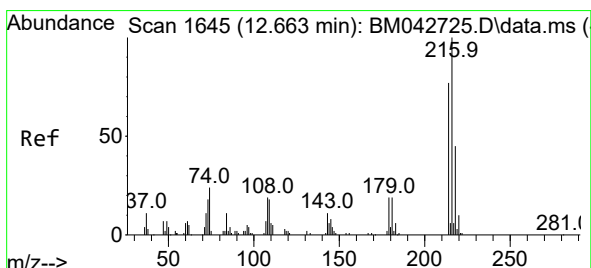
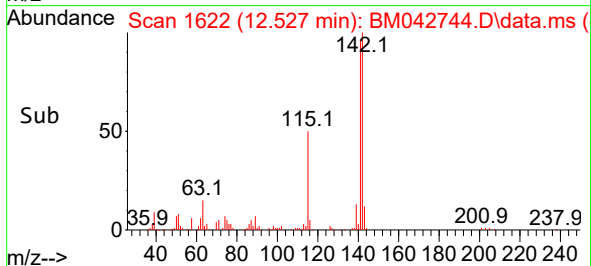
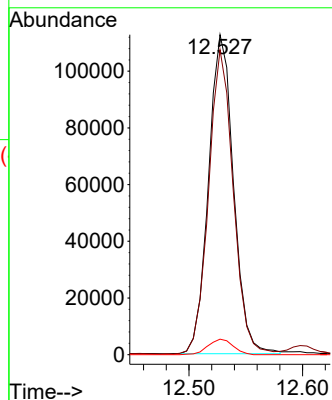
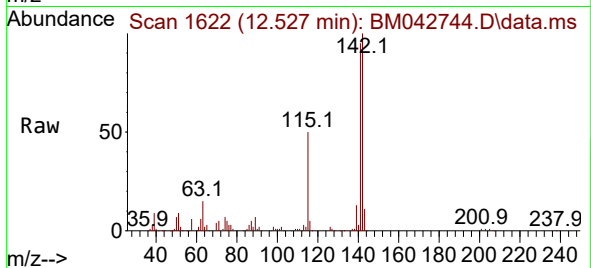
Tgt Ion:142 Resp: 172435

Ion Ratio Lower Upper

142 100

141 95.3 73.3 109.9

116 4.8 3.9 5.9



#39

1,2,4,5-Tetrachlorobenzene

Concen: 40.029 ng/ul

RT: 12.663 min Scan# 1645

Delta R.T. -0.006 min

Lab File: BM042744.D

Acq: 14 Nov 2023 21:22

Tgt Ion:216 Resp: 107859

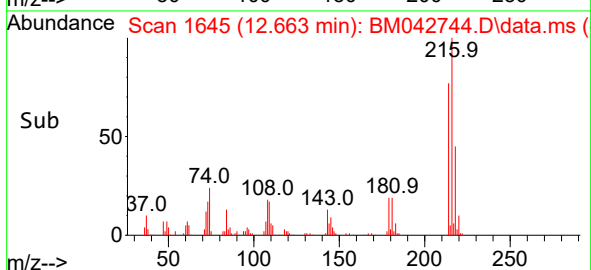
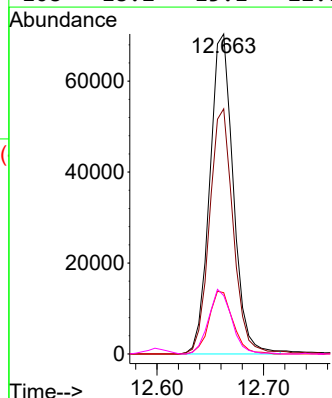
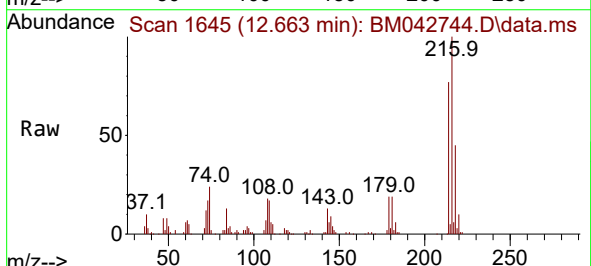
Ion Ratio Lower Upper

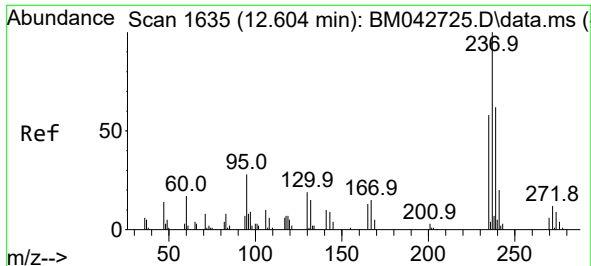
216 100

214 76.6 64.1 96.1

179 19.1 15.5 23.3

108 18.2 15.1 22.7

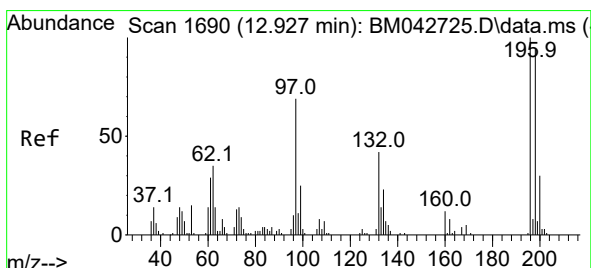
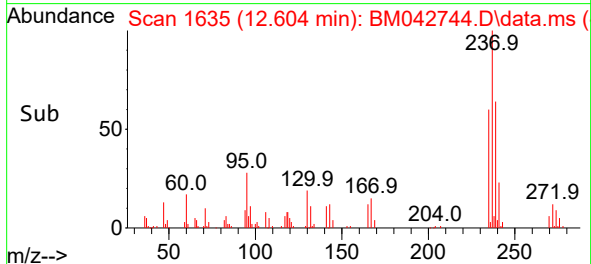
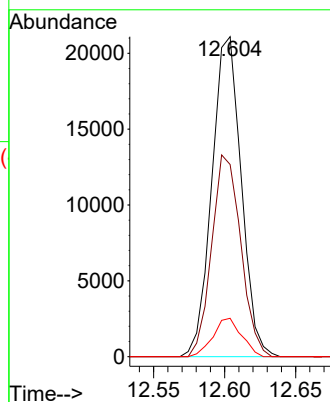
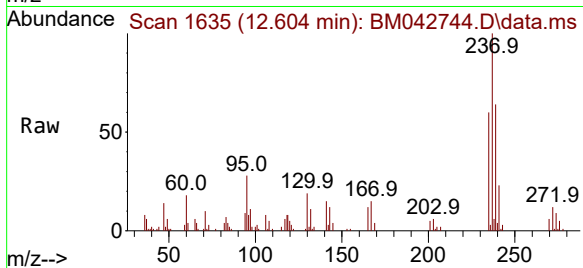




#40
Hexachlorocyclopentadiene
Concen: 23.781 ng/ul
RT: 12.604 min Scan# 1635
Delta R.T. -0.006 min
Lab File: BM042744.D
Acq: 14 Nov 2023 21:22

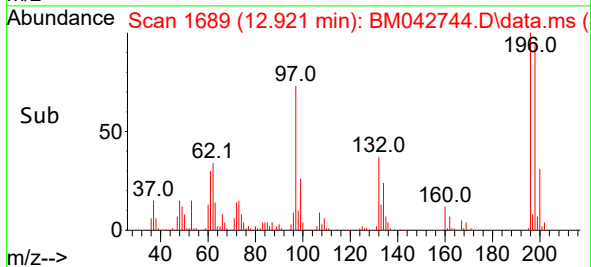
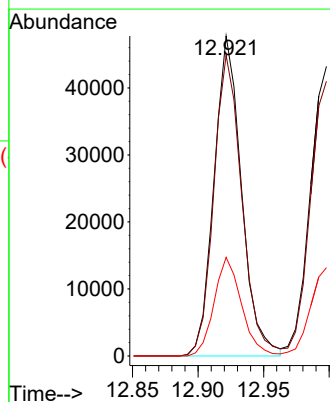
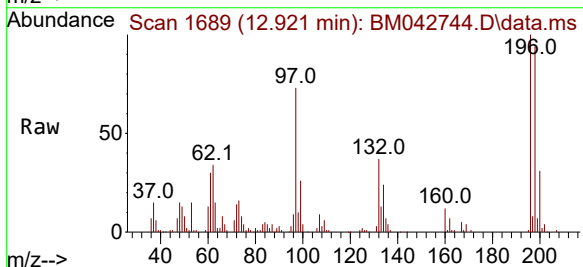
Instrument :
BNA_M
ClientSampleId :

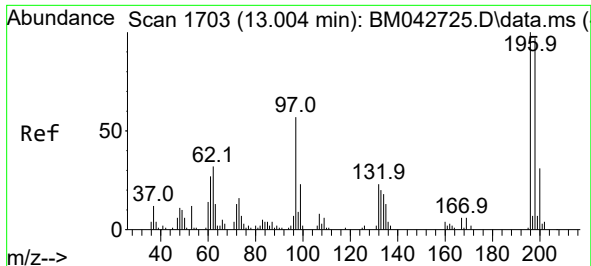
Tgt Ion:237 Resp: 30337
Ion Ratio Lower Upper
237 100
235 60.0 53.3 79.9
272 12.0 10.7 16.1



#41
2,4,6-Trichlorophenol
Concen: 42.176 ng/ul
RT: 12.921 min Scan# 1689
Delta R.T. -0.006 min
Lab File: BM042744.D
Acq: 14 Nov 2023 21:22

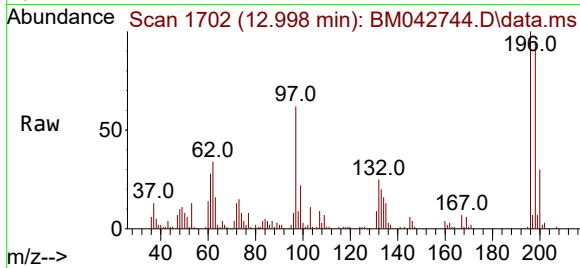
Tgt Ion:196 Resp: 69416
Ion Ratio Lower Upper
196 100
198 94.0 81.0 121.4
200 30.8 24.1 36.1



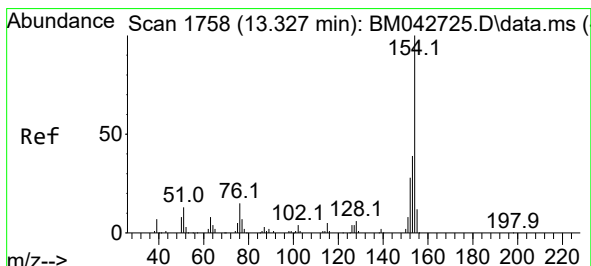
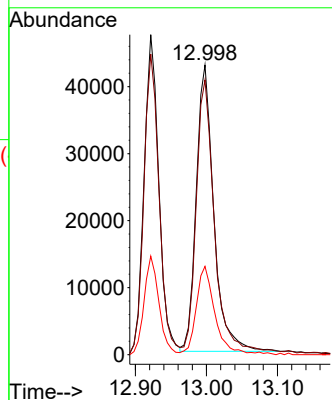
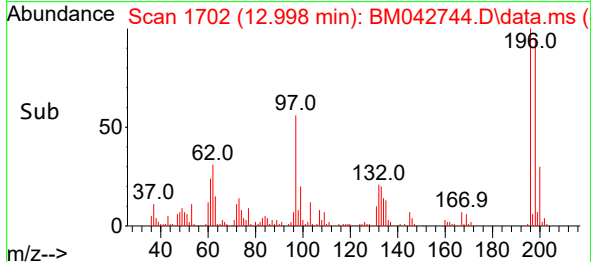


#42
2,4,5-Trichlorophenol
Concen: 46.535 ng/ul
RT: 12.998 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM042744.D
Acq: 14 Nov 2023 21:22

Instrument :
BNA_M
ClientSampleId :

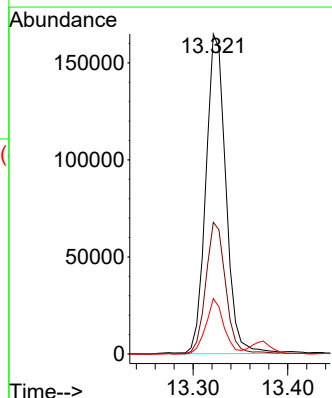
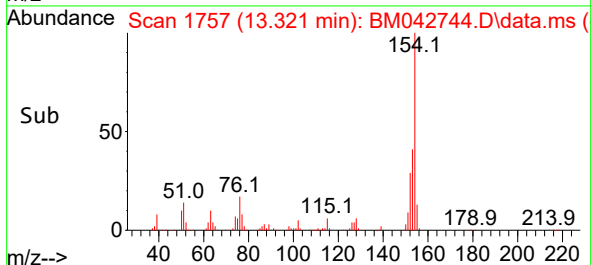
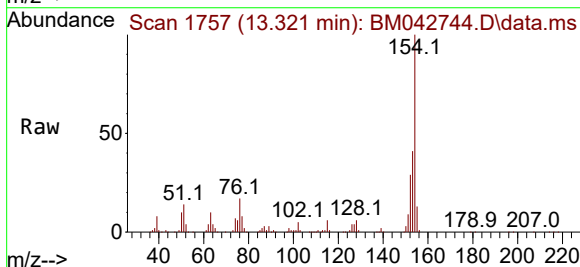


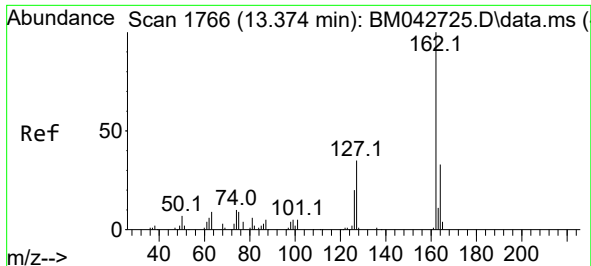
Tgt Ion:196 Resp: 73957
Ion Ratio Lower Upper
196 100
198 94.8 77.4 116.0
200 30.5 26.2 39.4



#43
1,1'-Biphenyl
Concen: 42.081 ng/ul
RT: 13.321 min Scan# 1757
Delta R.T. -0.012 min
Lab File: BM042744.D
Acq: 14 Nov 2023 21:22

Tgt Ion:154 Resp: 241118
Ion Ratio Lower Upper
154 100
153 41.2 32.4 48.6
76 17.3 10.7 16.1#

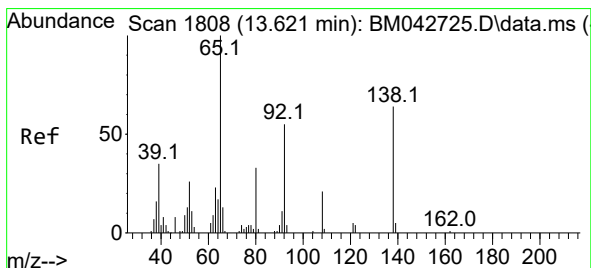
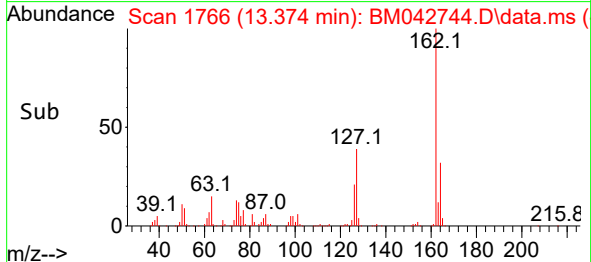
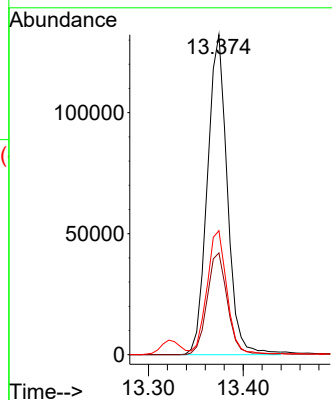
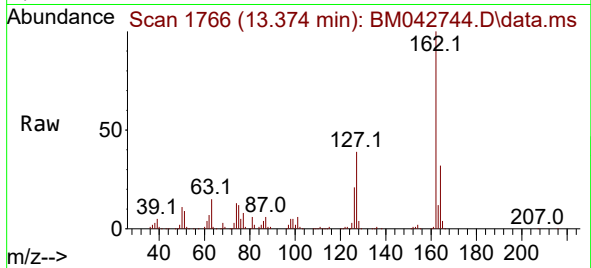




#44
2-Chloronaphthalene
Concen: 41.884 ng/ul
RT: 13.374 min Scan# 11
Delta R.T. -0.006 min
Lab File: BM042744.D
Acq: 14 Nov 2023 21:22

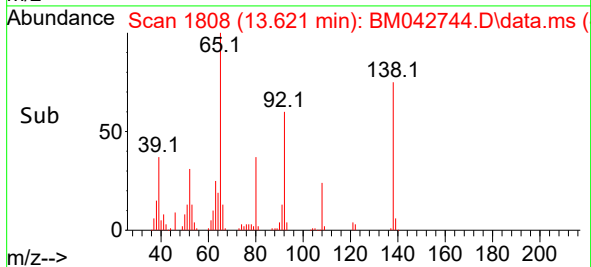
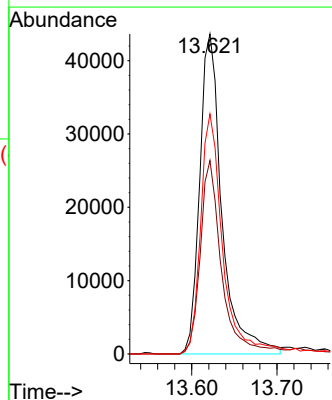
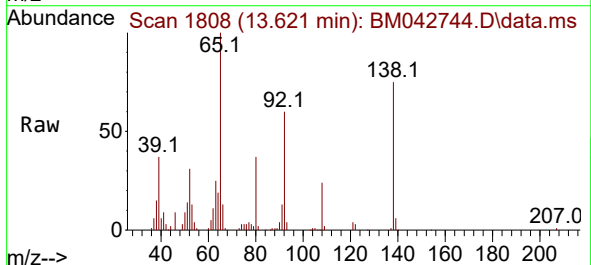
Instrument :
BNA_M
ClientSampleId :

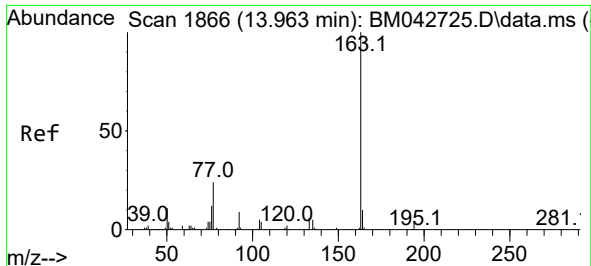
Tgt Ion:162 Resp: 193063
Ion Ratio Lower Upper
162 100
164 31.8 24.2 36.2
127 38.8 30.8 46.2



#45
2-Nitroaniline
Concen: 52.884 ng/ul
RT: 13.621 min Scan# 1808
Delta R.T. -0.006 min
Lab File: BM042744.D
Acq: 14 Nov 2023 21:22

Tgt Ion: 65 Resp: 79500
Ion Ratio Lower Upper
65 100
92 60.5 49.1 73.7
138 75.0 61.8 92.8





#47

Dimethylphthalate

Concen: 46.114 ng/ul

RT: 13.963 min Scan# 1866

Delta R.T. -0.000 min

Lab File: BM042744.D

Acq: 14 Nov 2023 21:22

Instrument :

BNA_M

ClientSampleId :

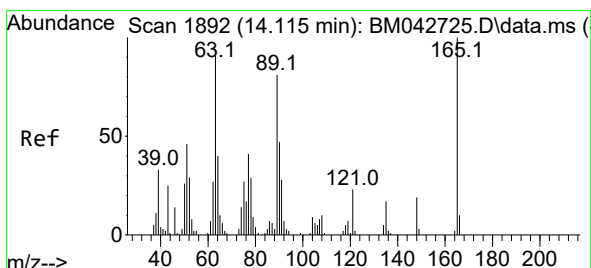
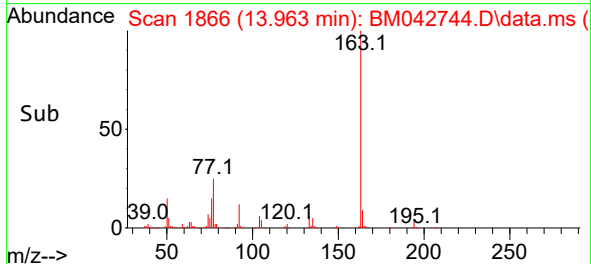
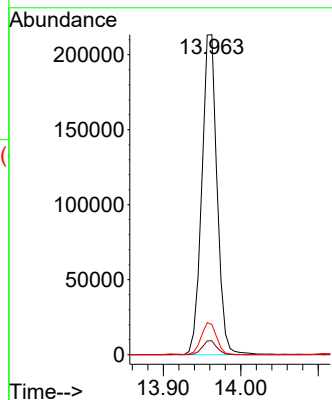
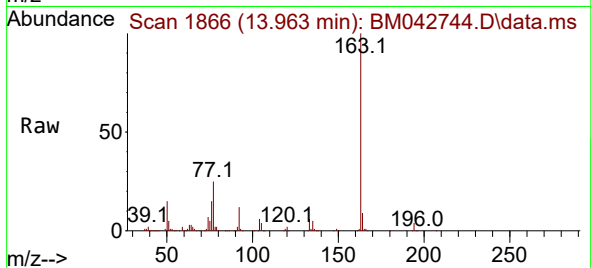
Tgt Ion:163 Resp: 292060

Ion Ratio Lower Upper

163 100

194 4.3 3.2 4.8

164 9.5 7.9 11.9



#48

2,6-Dinitrotoluene

Concen: 47.004 ng/ul

RT: 14.110 min Scan# 1891

Delta R.T. -0.006 min

Lab File: BM042744.D

Acq: 14 Nov 2023 21:22

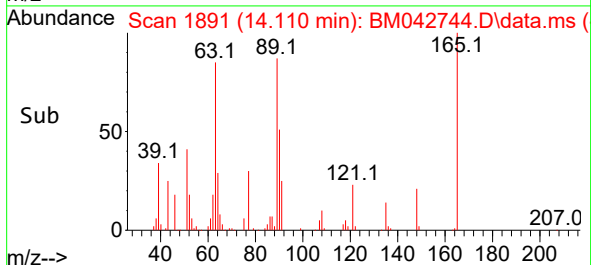
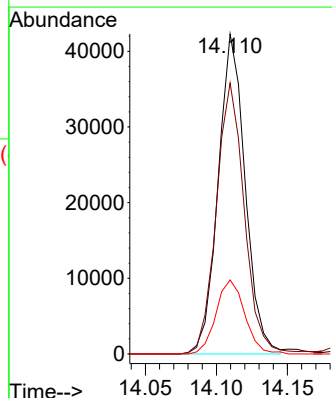
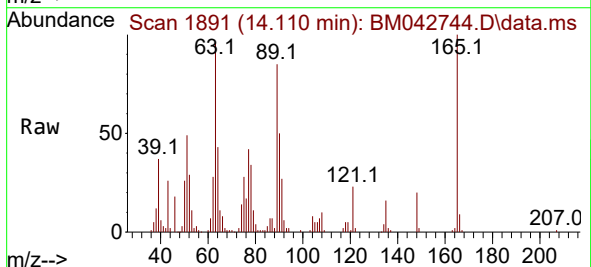
Tgt Ion:165 Resp: 55928

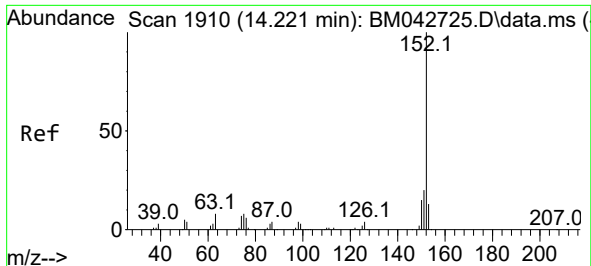
Ion Ratio Lower Upper

165 100

89 84.7 64.1 96.1

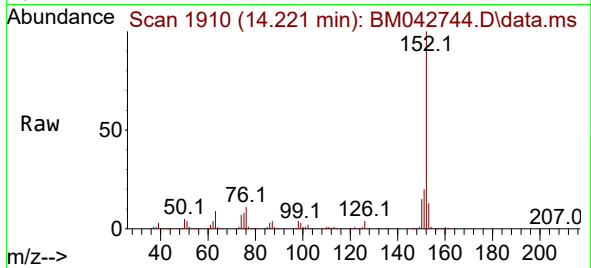
121 23.1 18.4 27.6



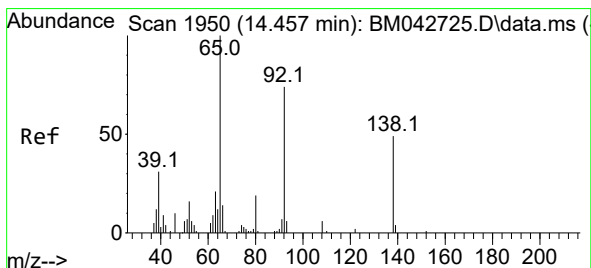
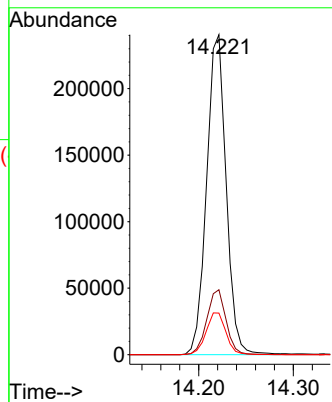
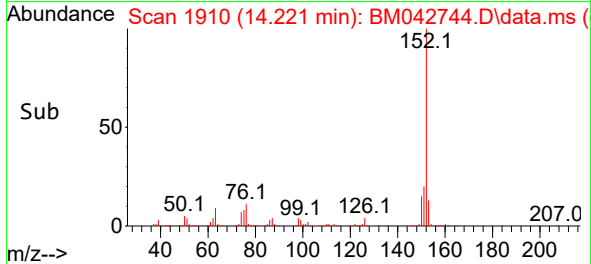


#50
Acenaphthylene
Concen: 44.197 ng/ul
RT: 14.221 min Scan# 1910
Delta R.T. -0.006 min
Lab File: BM042744.D
Acq: 14 Nov 2023 21:22

Instrument :
BNA_M
ClientSampleId :

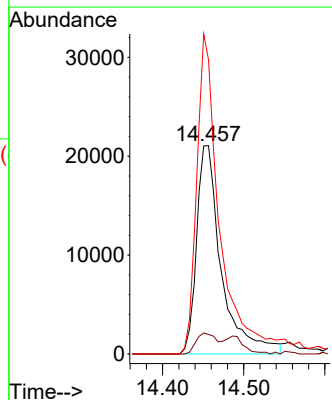
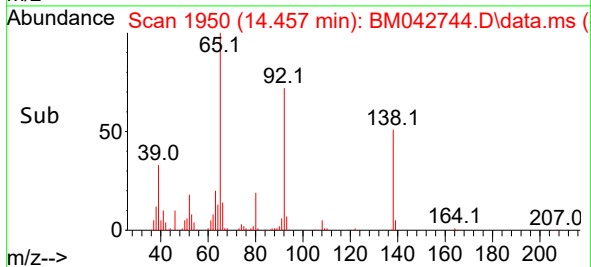
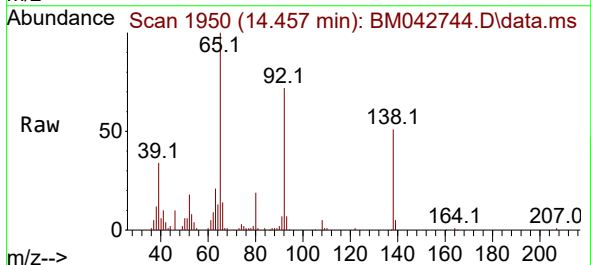


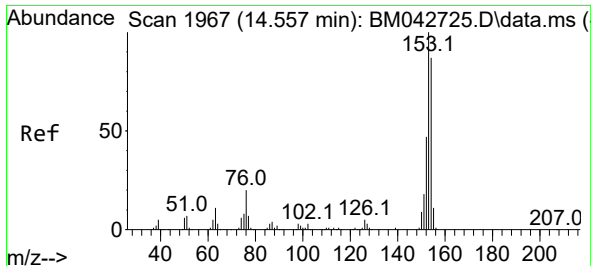
Tgt Ion:152 Resp: 344556
Ion Ratio Lower Upper
152 100
151 20.3 16.0 24.0
153 13.0 10.5 15.7



#51
3-Nitroaniline
Concen: 45.921 ng/ul
RT: 14.457 min Scan# 1950
Delta R.T. -0.000 min
Lab File: BM042744.D
Acq: 14 Nov 2023 21:22

Tgt Ion:138 Resp: 44680
Ion Ratio Lower Upper
138 100
108 9.4 8.7 13.1
92 141.2 109.4 164.0

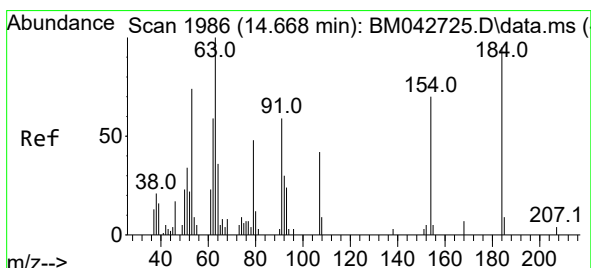
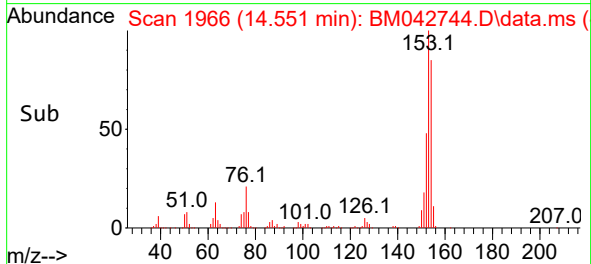
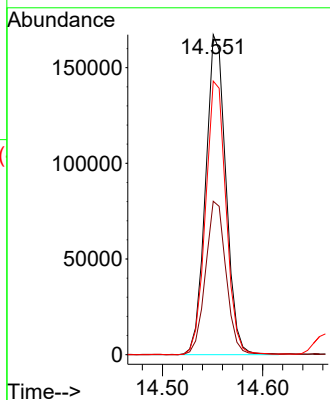
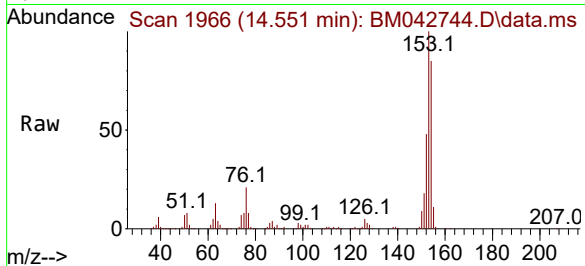




#52
Acenaphthene
Concen: 44.733 ng/ul
RT: 14.551 min Scan# 1966
Delta R.T. -0.012 min
Lab File: BM042744.D
Acq: 14 Nov 2023 21:22

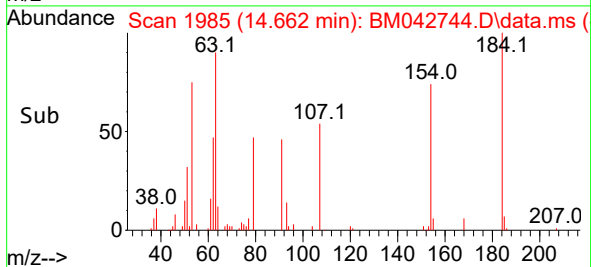
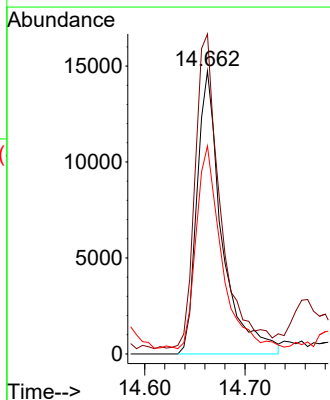
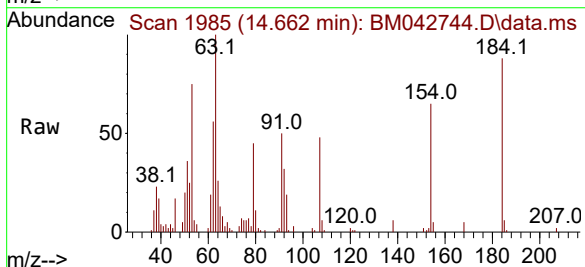
Instrument :
BNA_M
ClientSampleId :

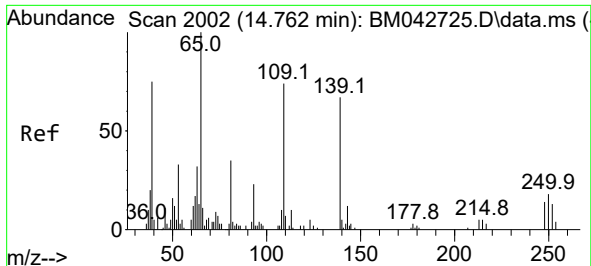
Tgt Ion:153 Resp: 235849
Ion Ratio Lower Upper
153 100
152 48.0 38.2 57.2
154 85.5 71.3 106.9



#53
2,4-Dinitrophenol
Concen: 43.069 ng/ul
RT: 14.662 min Scan# 1985
Delta R.T. -0.006 min
Lab File: BM042744.D
Acq: 14 Nov 2023 21:22

Tgt Ion:184 Resp: 25481
Ion Ratio Lower Upper
184 100
63 113.1 79.1 118.7
154 73.5 65.7 98.5

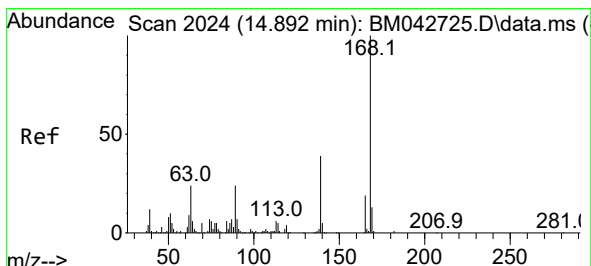
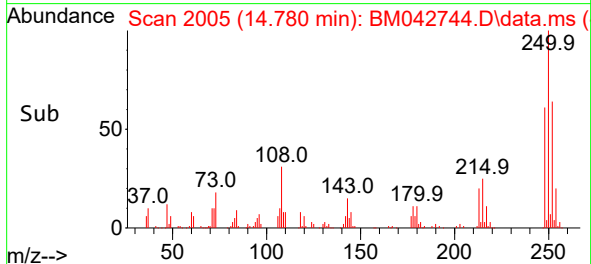
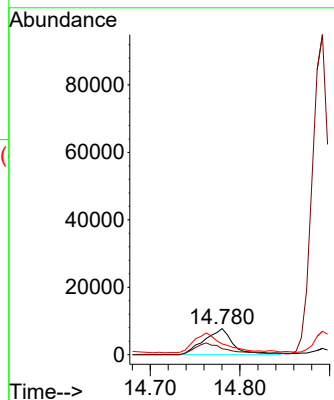
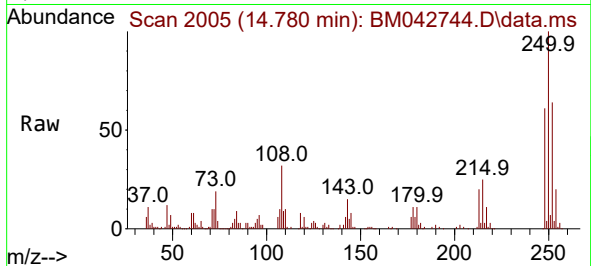




#55
4-Nitrophenol
Concen: 15.035 ng/ul
RT: 14.780 min Scan# 2005
Delta R.T. 0.023 min
Lab File: BM042744.D
Acq: 14 Nov 2023 21:22

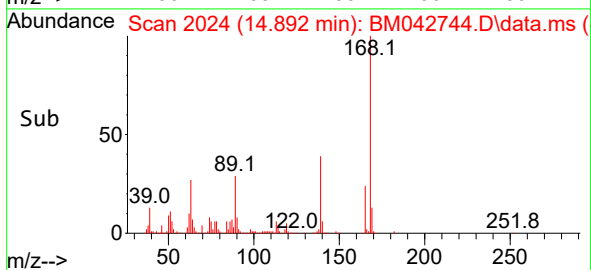
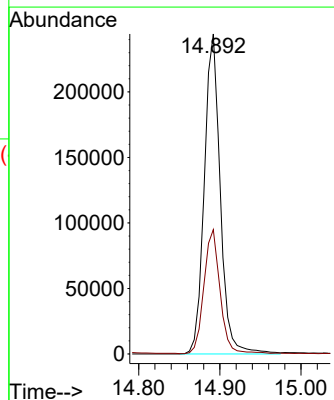
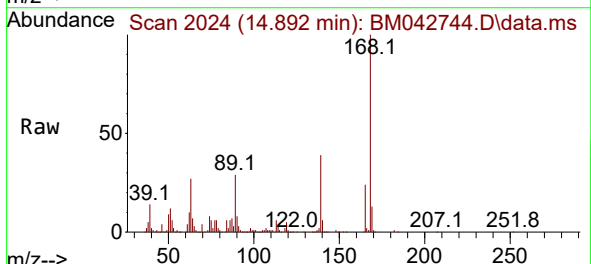
Instrument :
BNA_M
ClientSampleId :

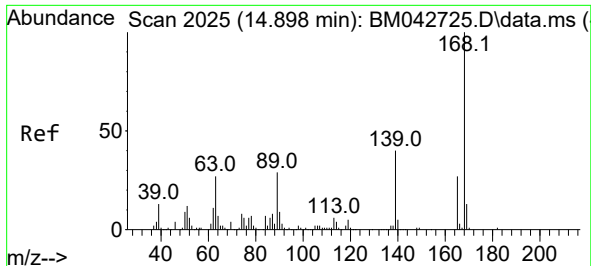
Tgt Ion:109 Resp: 17381
Ion Ratio Lower Upper
109 100
139 22.9 67.1 100.7#
65 41.3 107.1 160.7#



#56
Dibenzofuran
Concen: 45.638 ng/ul
RT: 14.892 min Scan# 2024
Delta R.T. -0.006 min
Lab File: BM042744.D
Acq: 14 Nov 2023 21:22

Tgt Ion:168 Resp: 333972
Ion Ratio Lower Upper
168 100
139 38.9 30.8 46.2





#57

2,4-Dinitrotoluene

Concen: 49.789 ng/ul

RT: 14.898 min Scan# 20

Delta R.T. -0.000 min

Lab File: BM042744.D

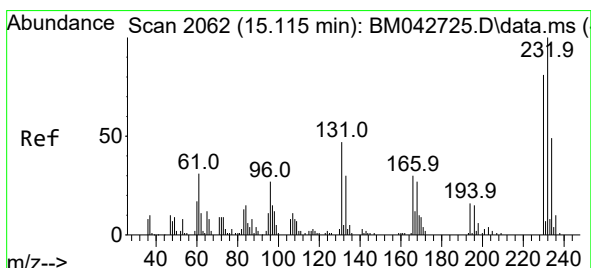
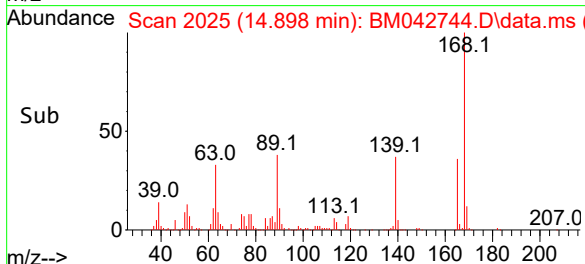
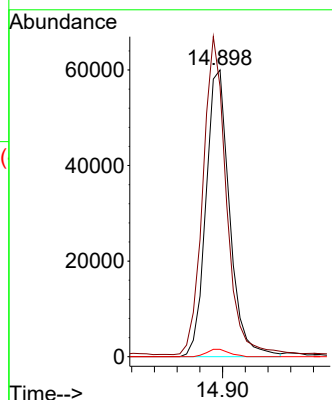
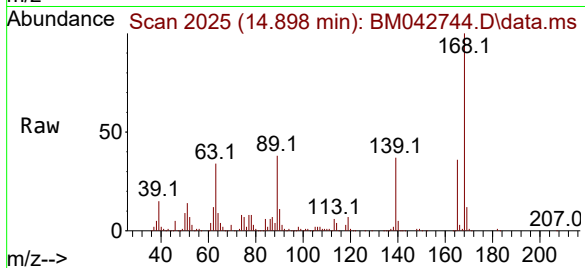
Acq: 14 Nov 2023 21:22

Instrument :

BNA_M

ClientSampleId :

Tgt Ion:	165	Resp:	86974
Ion Ratio	Lower	Upper	
165	100		
63	94.2	83.5	125.3
182	2.6	2.4	3.6



#58

2,3,4,6-Tetrachlorophenol

Concen: 45.328 ng/ul

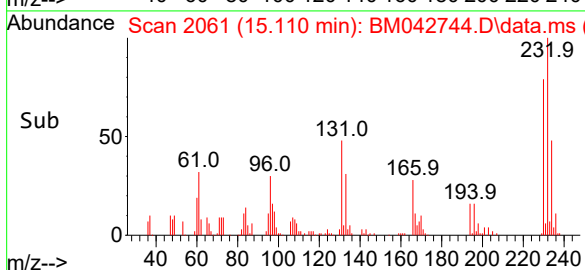
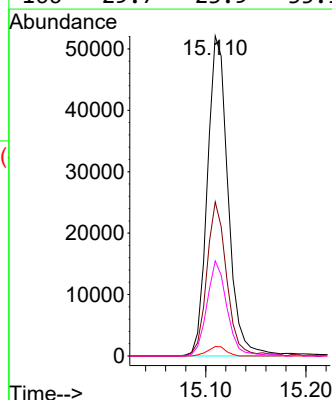
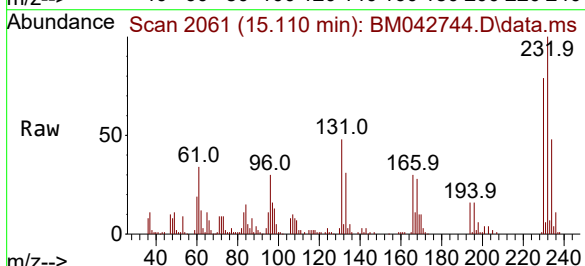
RT: 15.110 min Scan# 2061

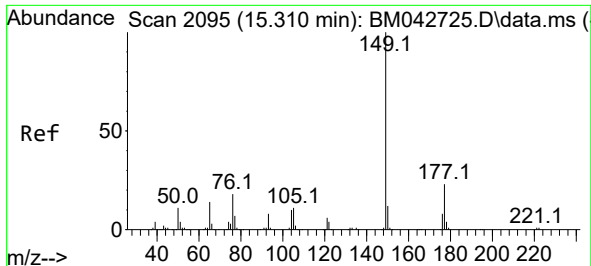
Delta R.T. -0.006 min

Lab File: BM042744.D

Acq: 14 Nov 2023 21:22

Tgt Ion:	232	Resp:	74779
Ion Ratio	Lower	Upper	
232	100		
131	48.1	38.9	58.3
130	3.0	1.9	2.9
166	29.7	23.9	35.9





#59

Diethylphthalate

Concen: 46.869 ng/ul

RT: 15.310 min Scan# 2095

Delta R.T. -0.007 min

Lab File: BM042744.D

Acq: 14 Nov 2023 21:22

Instrument :

BNA_M

ClientSampleId :

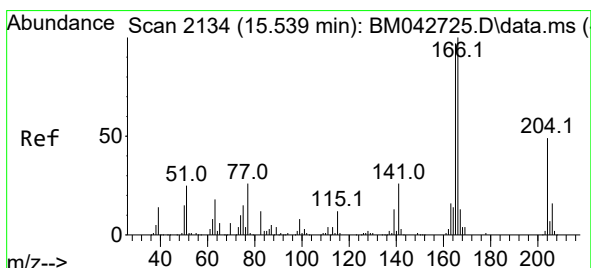
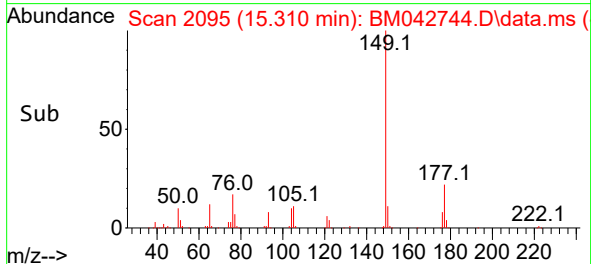
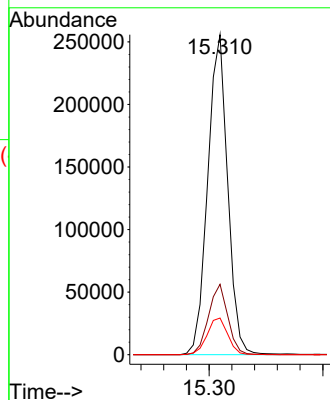
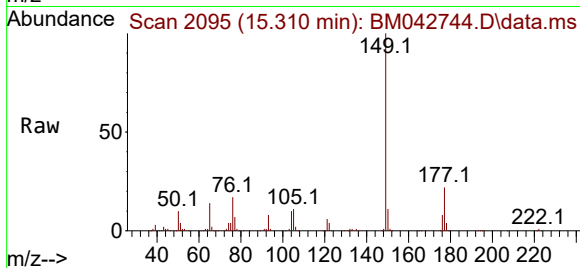
Tgt Ion:149 Resp: 311275

Ion Ratio Lower Upper

149 100

177 22.0 17.0 25.6

150 11.5 9.7 14.5



#61

Fluorene

Concen: 48.401 ng/ul

RT: 15.539 min Scan# 2134

Delta R.T. -0.006 min

Lab File: BM042744.D

Acq: 14 Nov 2023 21:22

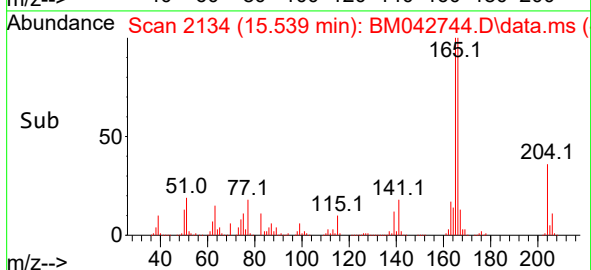
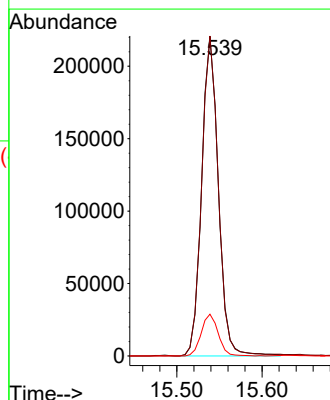
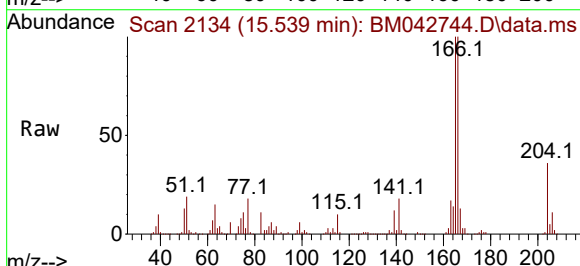
Tgt Ion:166 Resp: 300714

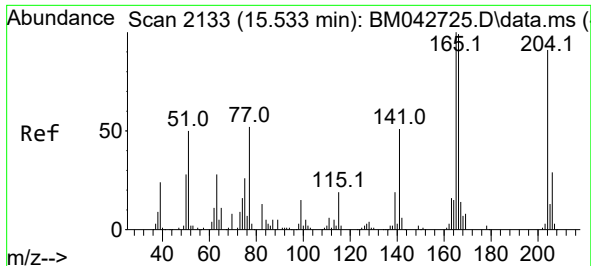
Ion Ratio Lower Upper

166 100

165 100.3 79.3 118.9

167 13.1 10.6 15.8

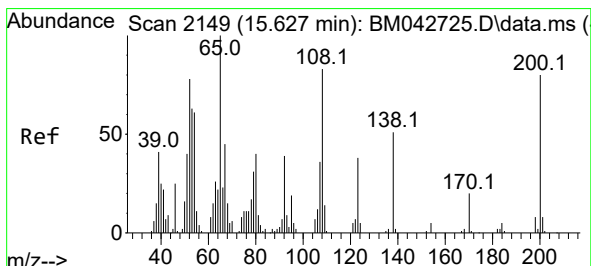
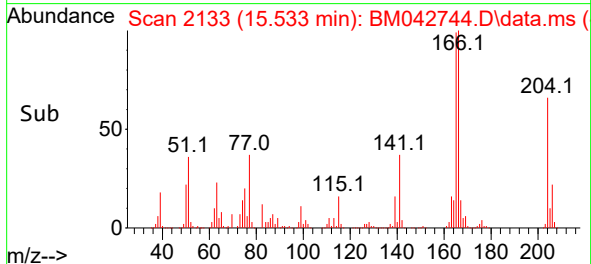
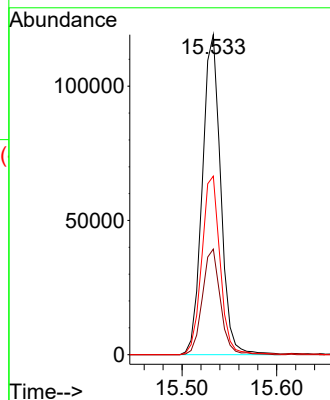
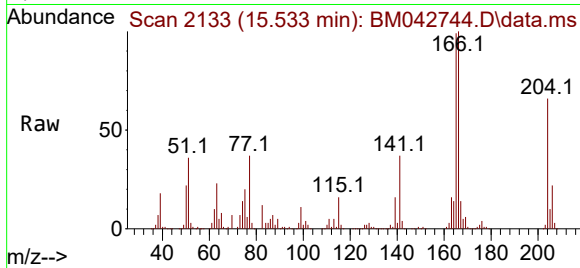




#62
 4-Chlorophenyl-phenylether
 Concen: 47.857 ng/ul
 RT: 15.533 min Scan# 2133
 Delta R.T. -0.006 min
 Lab File: BM042744.D
 Acq: 14 Nov 2023 21:22

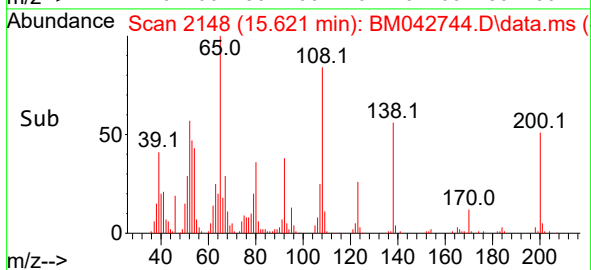
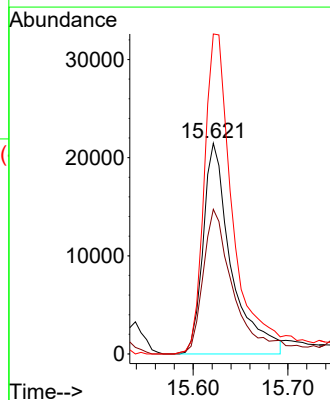
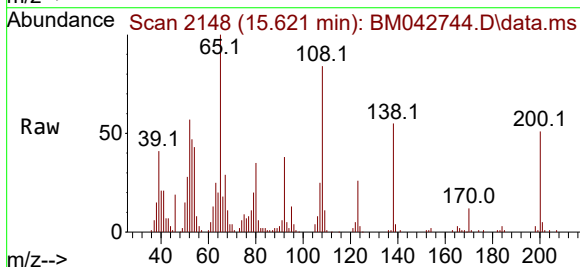
Instrument :
 BNA_M
 ClientSampleId :

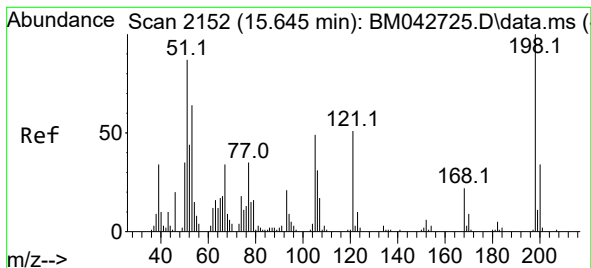
Tgt Ion:204 Resp: 160243
 Ion Ratio Lower Upper
 204 100
 206 33.0 27.0 40.4
 141 55.8 46.0 69.0



#63
 4-Nitroaniline
 Concen: 49.900 ng/ul
 RT: 15.621 min Scan# 2148
 Delta R.T. -0.006 min
 Lab File: BM042744.D
 Acq: 14 Nov 2023 21:22

Tgt Ion:138 Resp: 44263
 Ion Ratio Lower Upper
 138 100
 92 68.6 47.4 71.0
 108 151.9 129.5 194.3

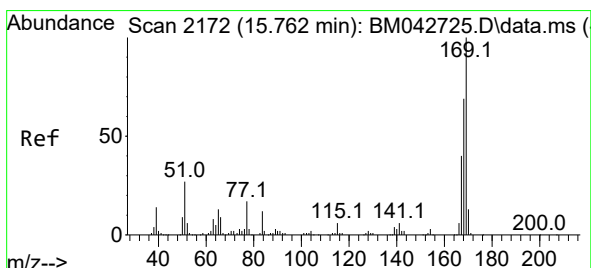
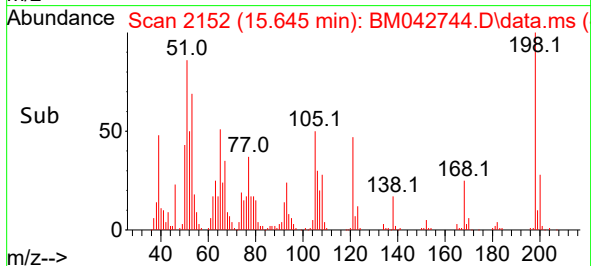
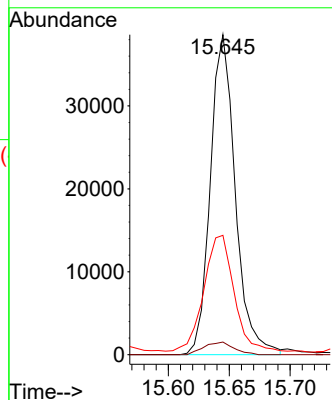
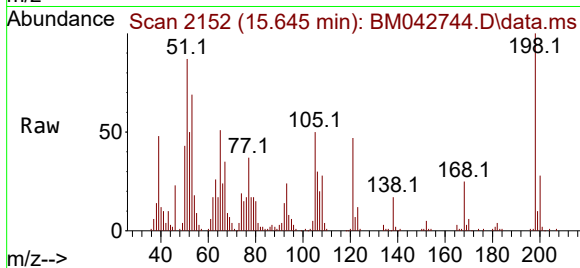




#66
 4,6-Dinitro-2-methylphenol
 Concen: 46.298 ng/ul
 RT: 15.645 min Scan# 2152
 Delta R.T. -0.006 min
 Lab File: BM042744.D
 Acq: 14 Nov 2023 21:22

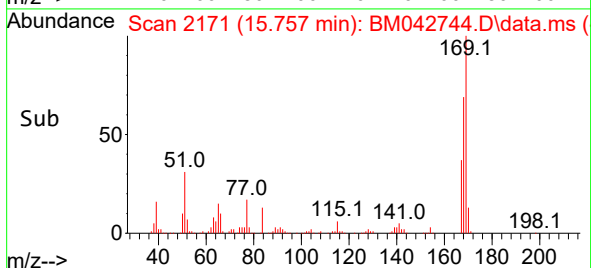
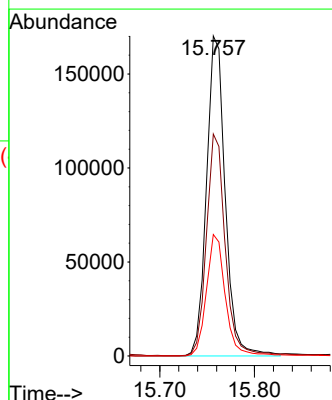
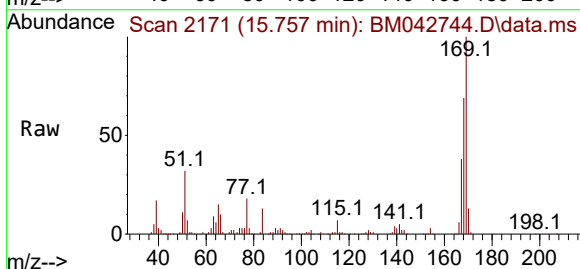
Instrument :
 BNA_M
 ClientSampleId :

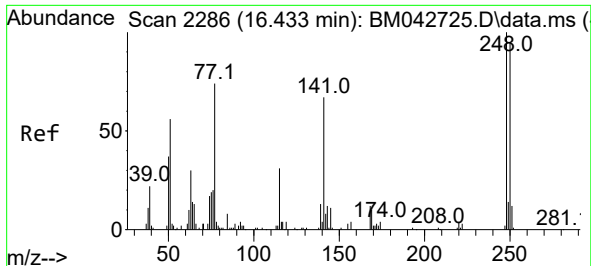
Tgt Ion:198 Resp: 55265
 Ion Ratio Lower Upper
 198 100
 182 3.9 3.4 5.0
 77 37.3 26.9 40.3



#67
 N-Nitrosodiphenylamine
 Concen: 48.038 ng/ul
 RT: 15.757 min Scan# 2171
 Delta R.T. -0.006 min
 Lab File: BM042744.D
 Acq: 14 Nov 2023 21:22

Tgt Ion:169 Resp: 233216
 Ion Ratio Lower Upper
 169 100
 168 69.3 55.8 83.6
 167 38.0 31.4 47.2

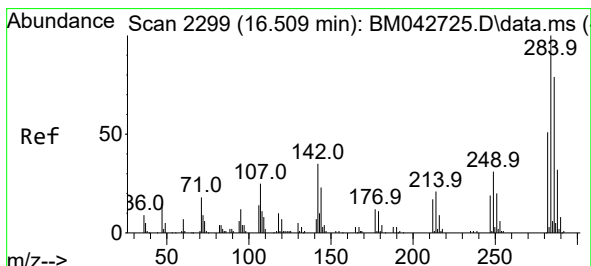
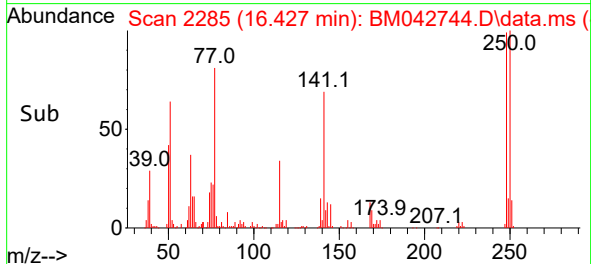
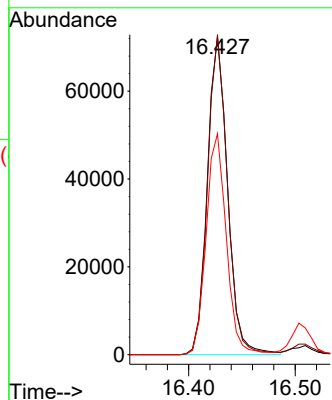
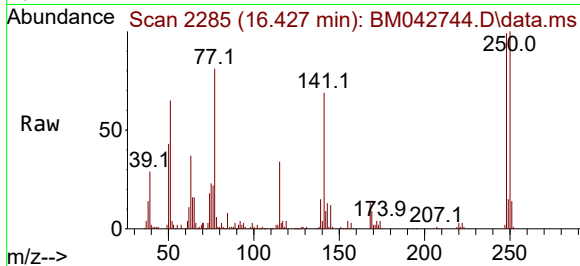




#68
4-Bromophenyl-phenylether
Concen: 46.614 ng/ul
RT: 16.427 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM042744.D
Acq: 14 Nov 2023 21:22

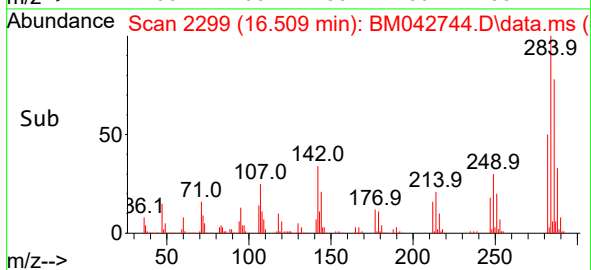
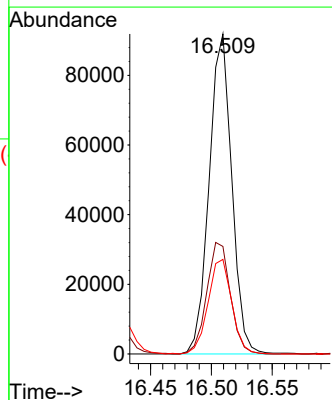
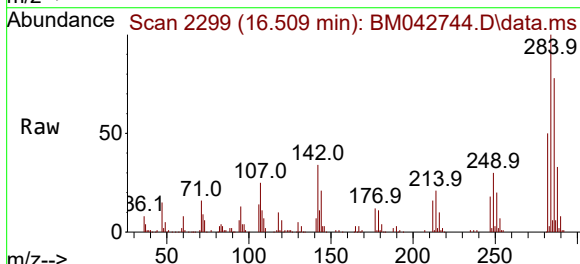
Instrument :
BNA_M
ClientSampleId :

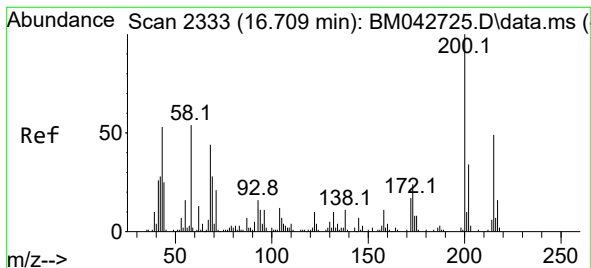
Tgt Ion:248 Resp: 96042
Ion Ratio Lower Upper
248 100
250 100.7 84.3 126.5
141 69.5 60.1 90.1



#69
Hexachlorobenzene
Concen: 47.250 ng/ul
RT: 16.509 min Scan# 2299
Delta R.T. -0.006 min
Lab File: BM042744.D
Acq: 14 Nov 2023 21:22

Tgt Ion:284 Resp: 119012
Ion Ratio Lower Upper
284 100
142 33.6 30.5 45.7
249 29.5 25.3 37.9





#70

Atrazine

Concen: 39.595 ng/ul

RT: 16.709 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM042744.D

Acq: 14 Nov 2023 21:22

Instrument :

BNA_M

ClientSampleId :

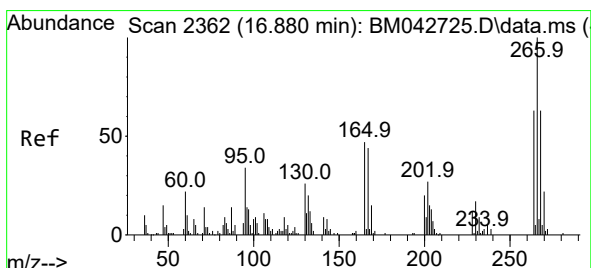
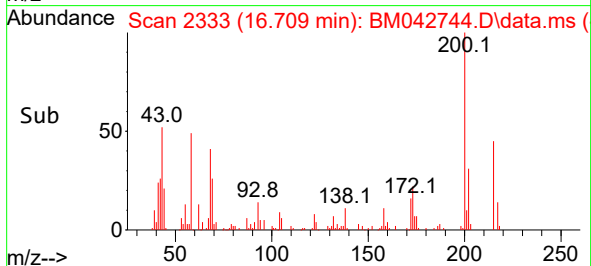
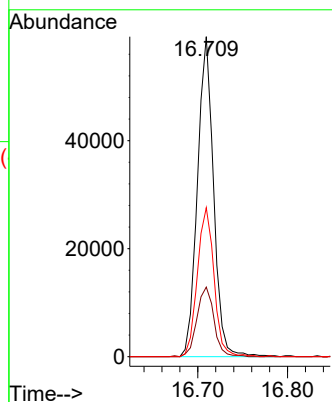
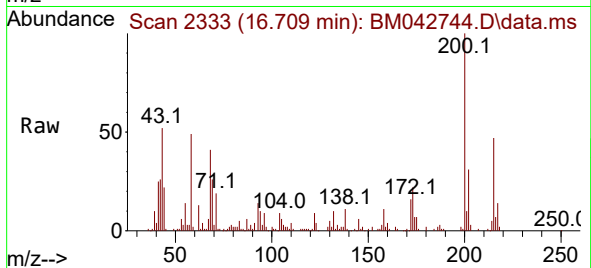
Tgt Ion:200 Resp: 74043

Ion Ratio Lower Upper

200 100

173 21.7 19.8 29.6

215 46.5 38.2 57.2



#71

Pentachlorophenol

Concen: 45.206 ng/ul

RT: 16.880 min Scan# 2362

Delta R.T. -0.006 min

Lab File: BM042744.D

Acq: 14 Nov 2023 21:22

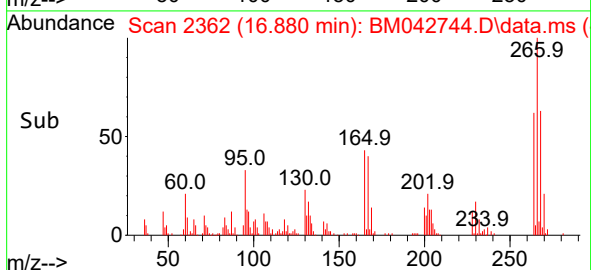
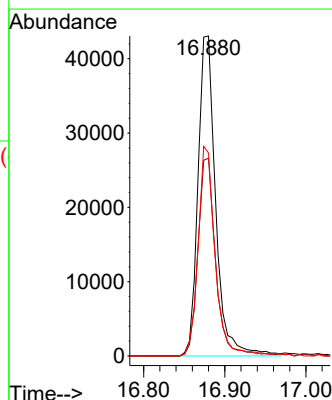
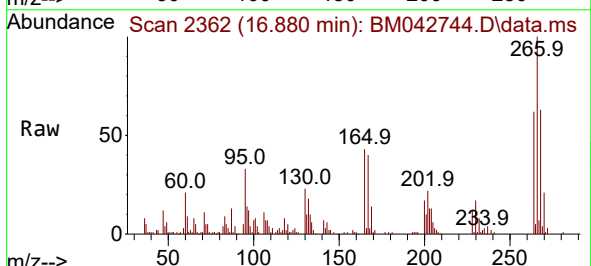
Tgt Ion:266 Resp: 65568

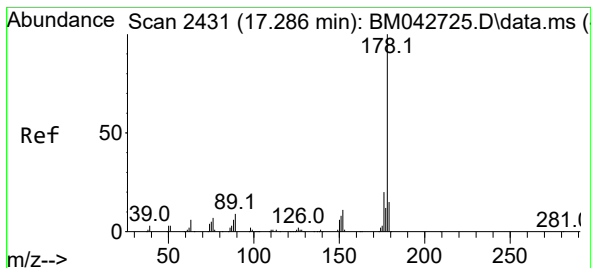
Ion Ratio Lower Upper

266 100

264 61.8 50.3 75.5

268 63.4 52.1 78.1





#72

Phenanthrene

Concen: 48.722 ng/ul

RT: 17.286 min Scan# 2431

Delta R.T. -0.006 min

Lab File: BM042744.D

Acq: 14 Nov 2023 21:22

Instrument :

BNA_M

ClientSampleId :

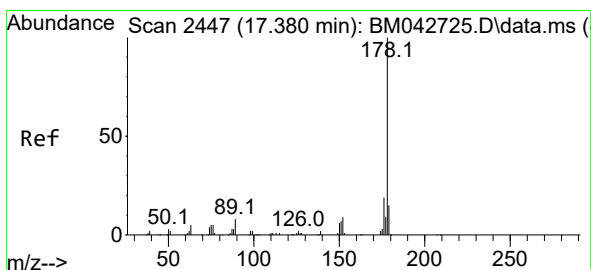
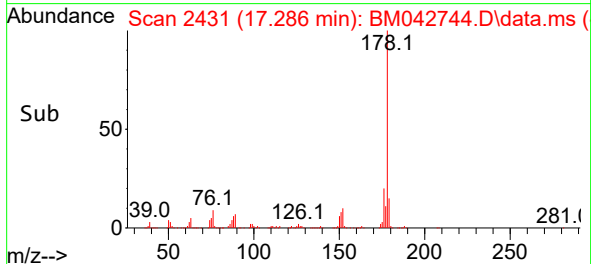
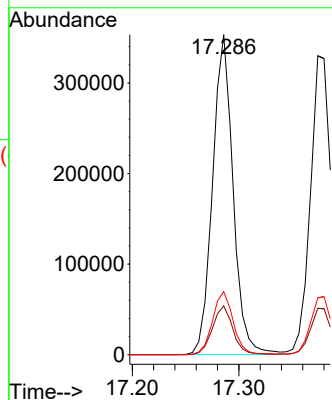
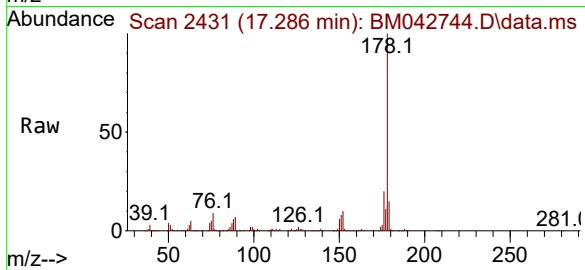
Tgt Ion:178 Resp: 471147

Ion Ratio Lower Upper

178 100

179 15.3 11.4 17.2

176 19.7 15.5 23.3



#74

Anthracene

Concen: 48.667 ng/ul

RT: 17.374 min Scan# 2446

Delta R.T. -0.012 min

Lab File: BM042744.D

Acq: 14 Nov 2023 21:22

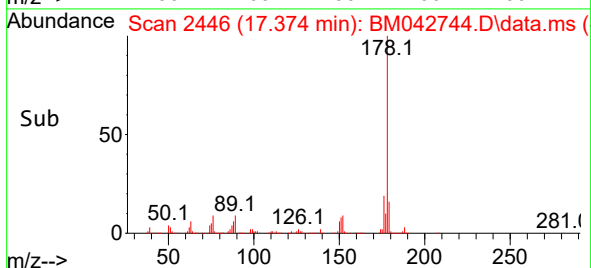
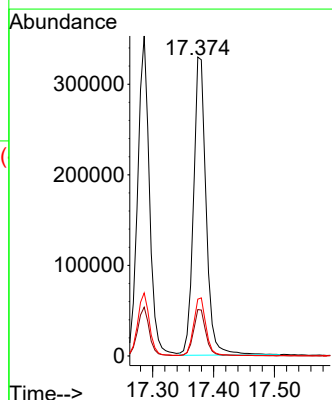
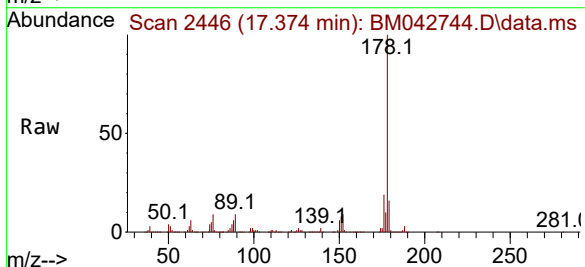
Tgt Ion:178 Resp: 473371

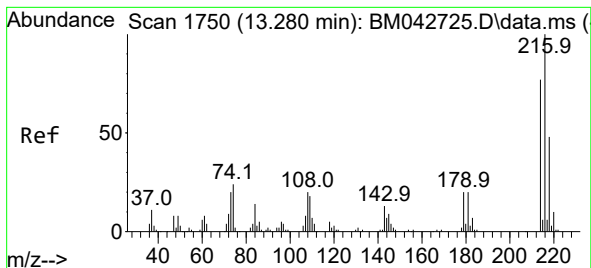
Ion Ratio Lower Upper

178 100

179 15.5 12.0 18.0

176 19.0 15.7 23.5

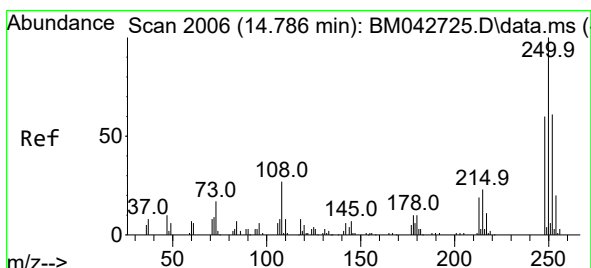
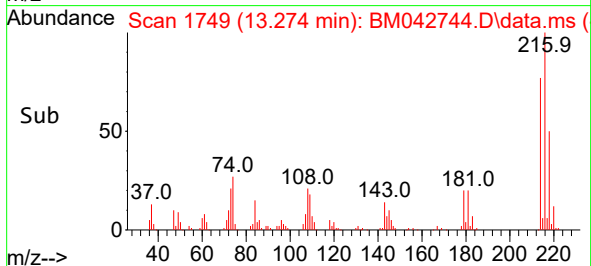
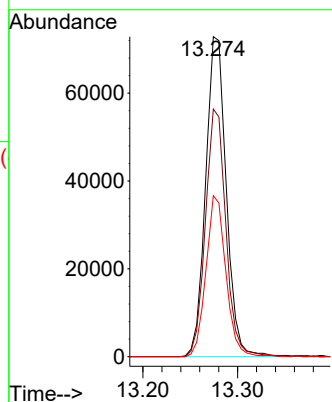
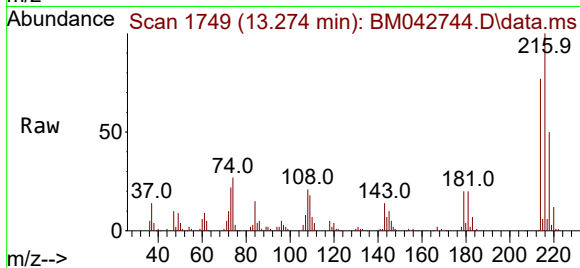




#75
1,2,3,4-Tetrachlorobenzene
Concen: 40.340 ng/uL
RT: 13.274 min Scan# 1
Delta R.T. -0.012 min
Lab File: BM042744.D
Acq: 14 Nov 2023 21:22

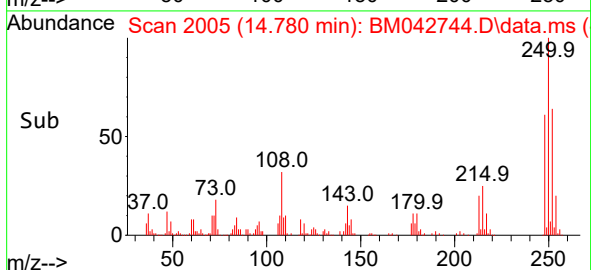
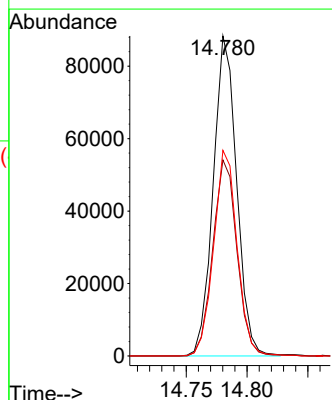
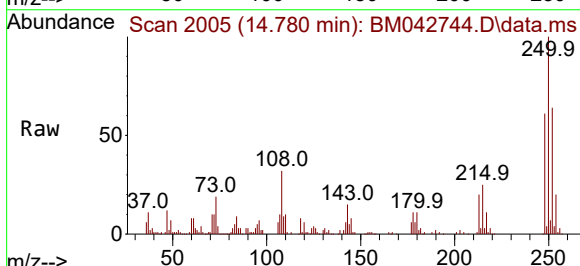
Instrument :
BNA_M
ClientSampleId :

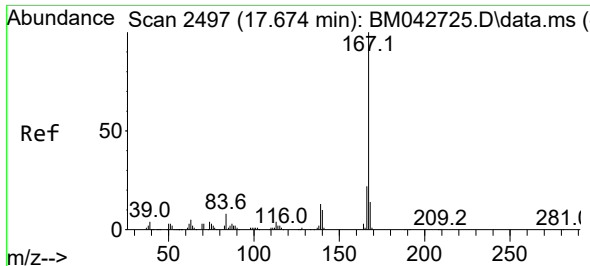
Tgt Ion:216 Resp: 110412
Ion Ratio Lower Upper
216 100
214 77.4 62.6 94.0
218 50.3 39.3 58.9



#76
Pentachlorobenzene
Concen: 41.139 ng/uL
RT: 14.780 min Scan# 2005
Delta R.T. -0.012 min
Lab File: BM042744.D
Acq: 14 Nov 2023 21:22

Tgt Ion:250 Resp: 118148
Ion Ratio Lower Upper
250 100
248 61.3 51.0 76.6
252 64.2 51.8 77.8

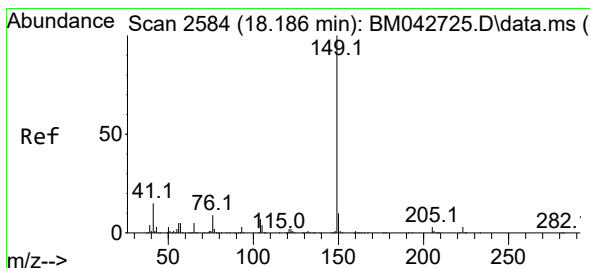
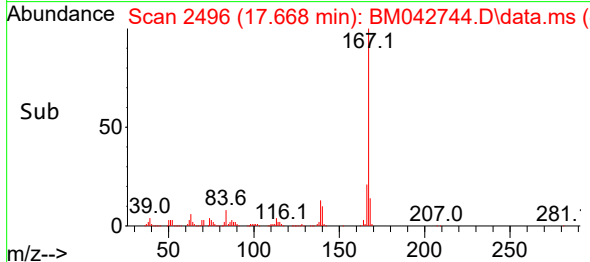
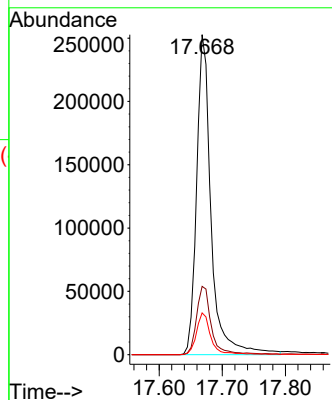
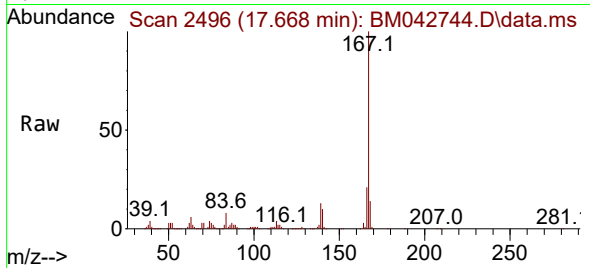




#77
 Carbazole
 Concen: 49.959 ng/ul
 RT: 17.668 min Scan# 2496
 Delta R.T. -0.006 min
 Lab File: BM042744.D
 Acq: 14 Nov 2023 21:22

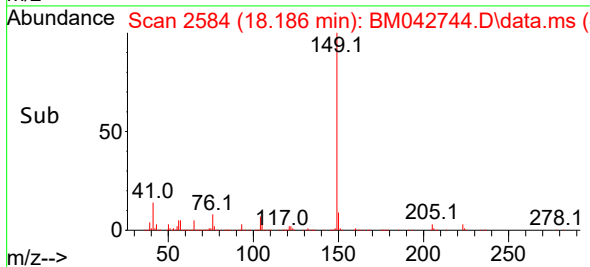
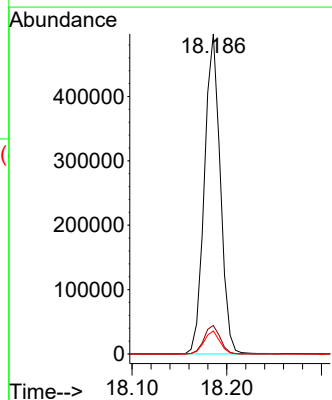
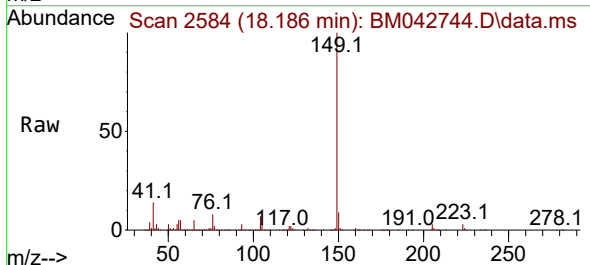
Instrument :
 BNA_M
 ClientSampleId :

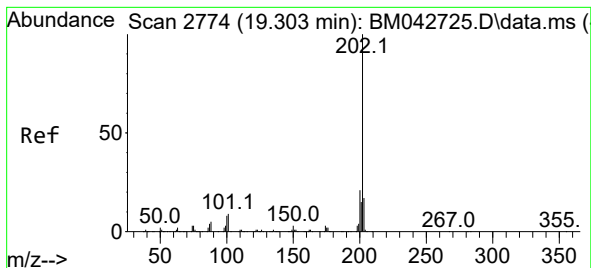
Tgt Ion:167 Resp: 401250
 Ion Ratio Lower Upper
 167 100
 166 21.3 17.2 25.8
 139 13.0 10.8 16.2



#78
 Di-n-butylphthalate
 Concen: 49.147 ng/ul
 RT: 18.186 min Scan# 2584
 Delta R.T. -0.006 min
 Lab File: BM042744.D
 Acq: 14 Nov 2023 21:22

Tgt Ion:149 Resp: 577204
 Ion Ratio Lower Upper
 149 100
 150 8.9 7.7 11.5
 104 7.2 5.3 7.9





#80

Fluoranthene

Concen: 47.588 ng/ul

RT: 19.297 min Scan# 21

Delta R.T. -0.012 min

Lab File: BM042744.D

Acq: 14 Nov 2023 21:22

Instrument :

BNA_M

ClientSampleId :

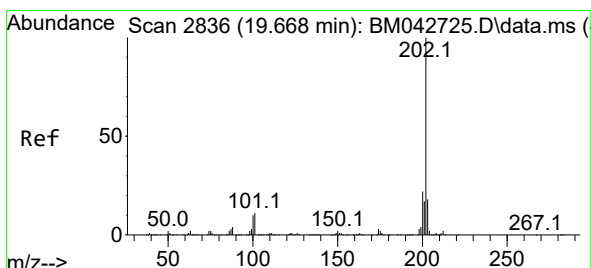
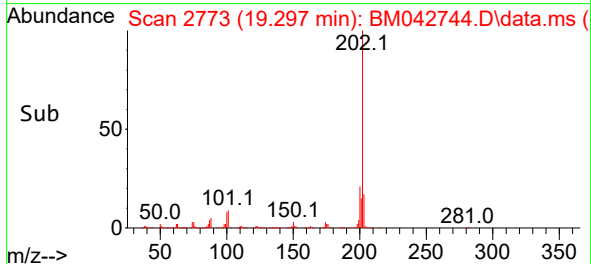
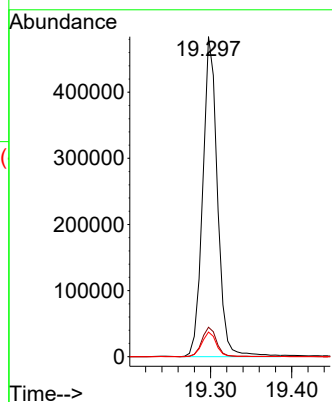
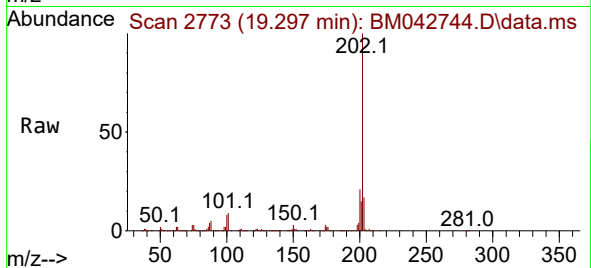
Tgt Ion:202 Resp: 610531

Ion Ratio Lower Upper

202 100

101 9.2 6.6 9.8

100 7.7 5.6 8.4



#82

Pyrene

Concen: 48.448 ng/ul

RT: 19.668 min Scan# 2836

Delta R.T. -0.006 min

Lab File: BM042744.D

Acq: 14 Nov 2023 21:22

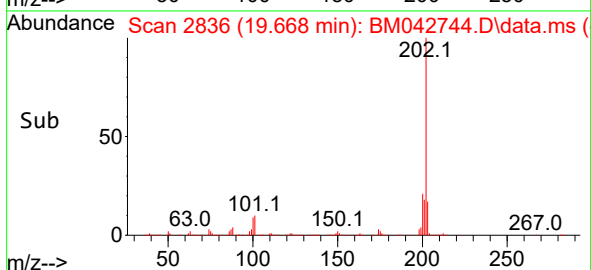
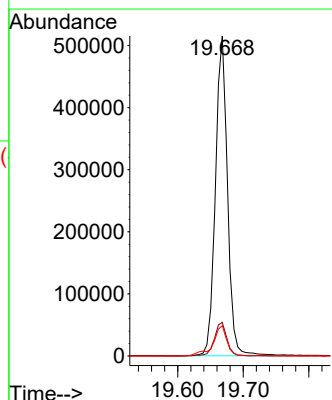
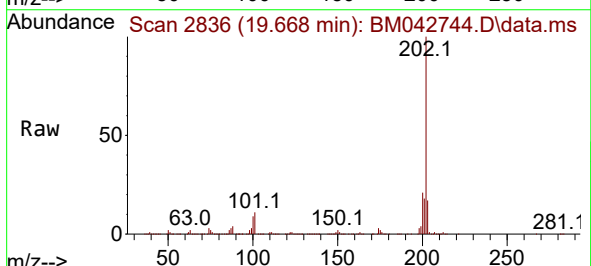
Tgt Ion:202 Resp: 659052

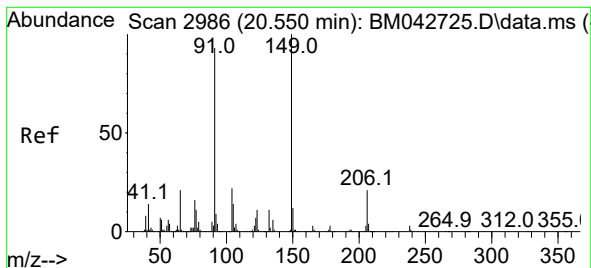
Ion Ratio Lower Upper

202 100

101 10.5 8.1 12.1

100 9.4 6.9 10.3





#83

Butylbenzylphthalate

Concen: 45.842 ng/ul

RT: 20.550 min Scan# 2986

Delta R.T. -0.006 min

Lab File: BM042744.D

Acq: 14 Nov 2023 21:22

Instrument :

BNA_M

ClientSampleId :

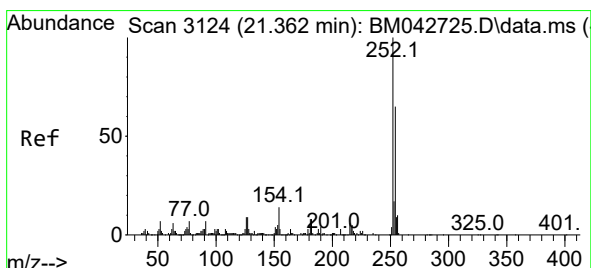
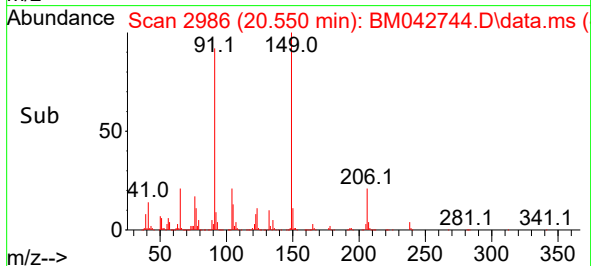
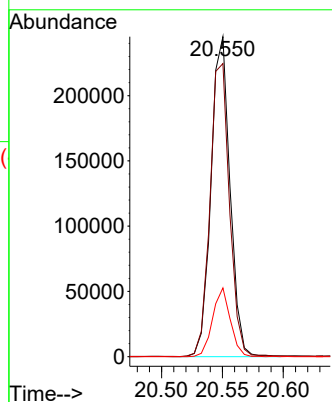
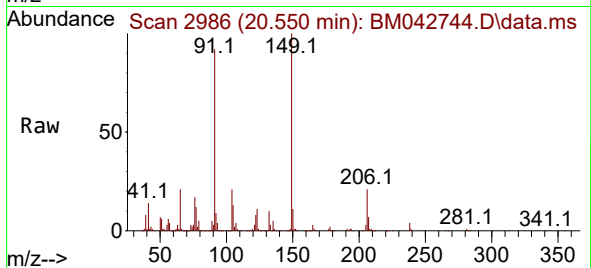
Tgt Ion:149 Resp: 266353

Ion Ratio Lower Upper

149 100

91 91.6 69.3 103.9

206 21.5 16.6 25.0



#84

3,3'-Dichlorobenzidine

Concen: 34.177 ng/ul

RT: 21.356 min Scan# 3123

Delta R.T. -0.006 min

Lab File: BM042744.D

Acq: 14 Nov 2023 21:22

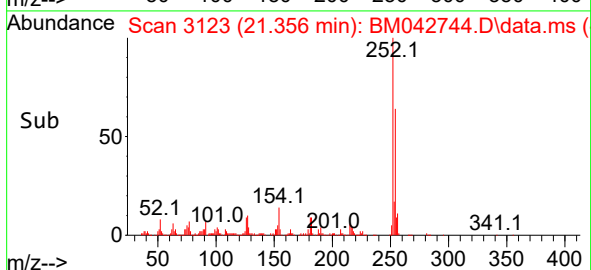
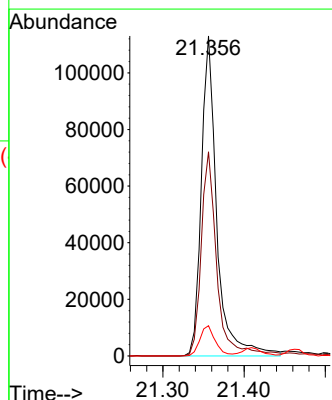
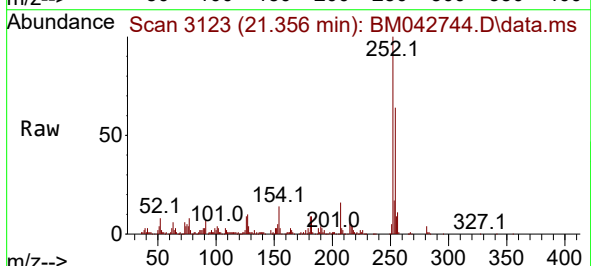
Tgt Ion:252 Resp: 150301

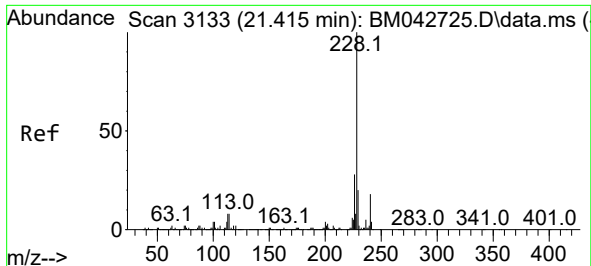
Ion Ratio Lower Upper

252 100

254 63.8 51.8 77.6

126 9.5 7.8 11.8

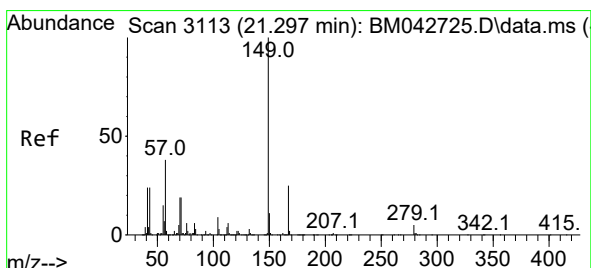
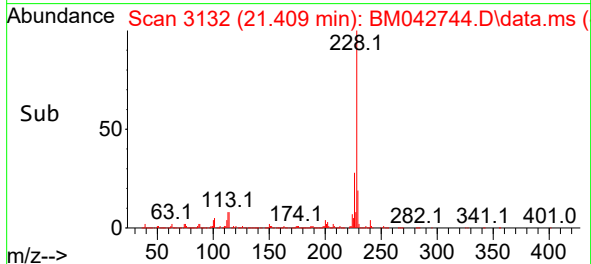
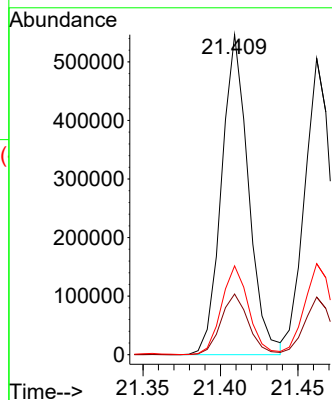
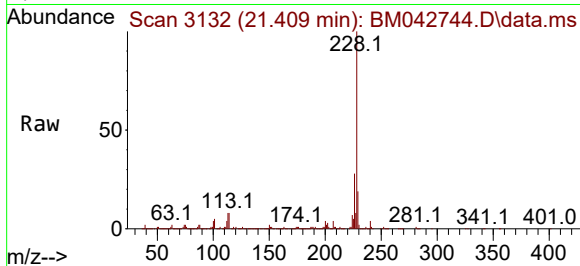




#85
Benzo(a)anthracene
Concen: 48.915 ng/ul
RT: 21.409 min Scan# 3112
Delta R.T. -0.006 min
Lab File: BM042744.D
Acq: 14 Nov 2023 21:22

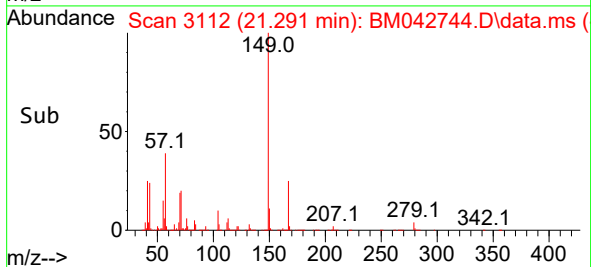
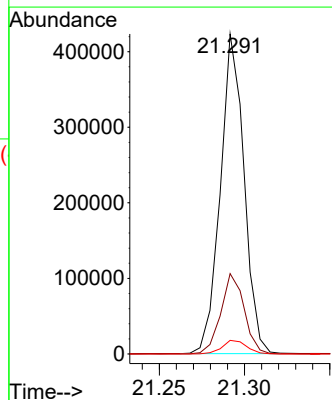
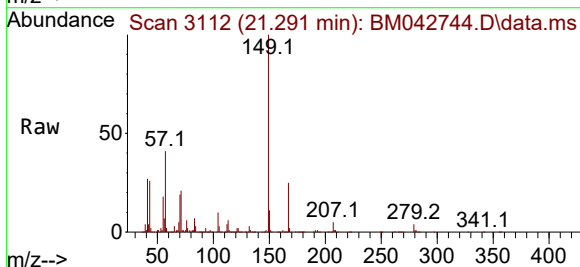
Instrument :
BNA_M
ClientSampleId :

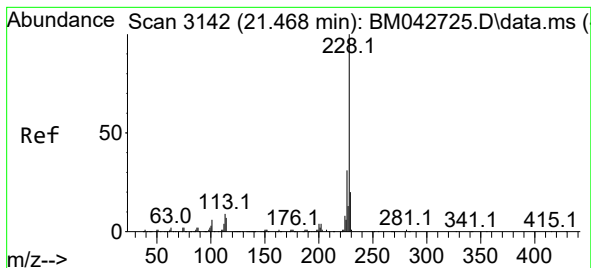
Tgt Ion:228 Resp: 659787
Ion Ratio Lower Upper
228 100
229 19.0 15.8 23.6
226 27.7 22.5 33.7



#86
Bis(2-ethylhexyl)phthalate
Concen: 46.443 ng/ul
RT: 21.291 min Scan# 3112
Delta R.T. -0.006 min
Lab File: BM042744.D
Acq: 14 Nov 2023 21:22

Tgt Ion:149 Resp: 409409
Ion Ratio Lower Upper
149 100
167 25.1 20.6 31.0
279 4.2 3.5 5.3





#87

Chrysene

Concen: 48.106 ng/ul

RT: 21.462 min Scan# 31

Delta R.T. -0.006 min

Lab File: BM042744.D

Acq: 14 Nov 2023 21:22

Instrument :

BNA_M

ClientSampleId :

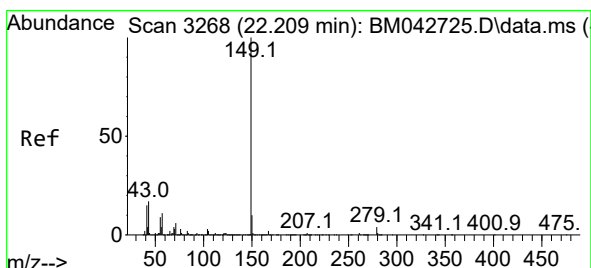
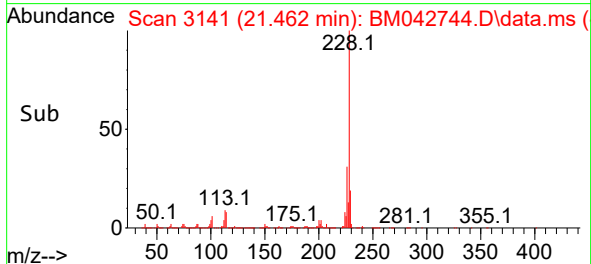
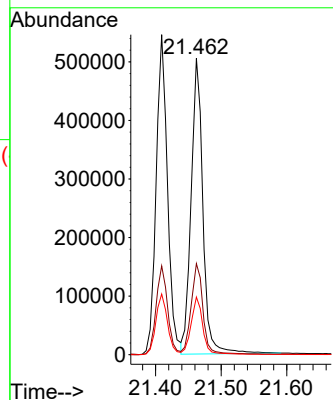
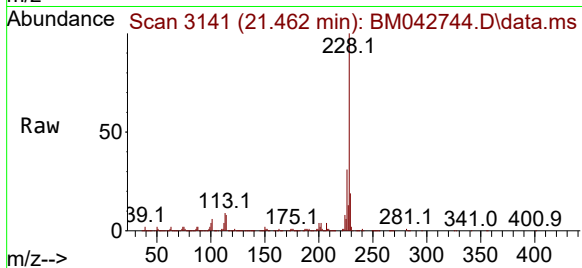
Tgt Ion:228 Resp: 629290

Ion Ratio Lower Upper

228 100

226 30.7 24.3 36.5

229 19.4 15.7 23.5



#89

Di-n-octyl phthalate

Concen: 47.875 ng/ul

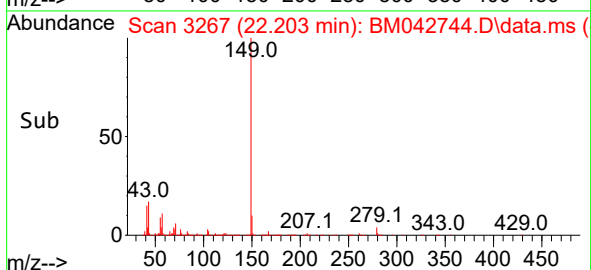
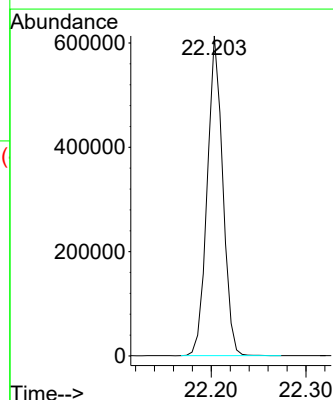
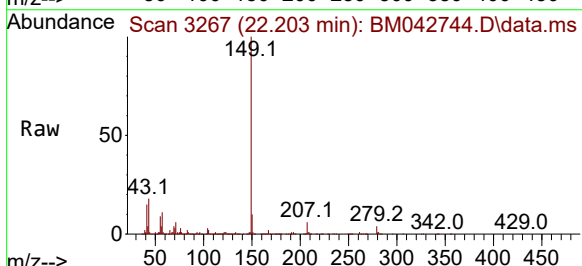
RT: 22.203 min Scan# 3267

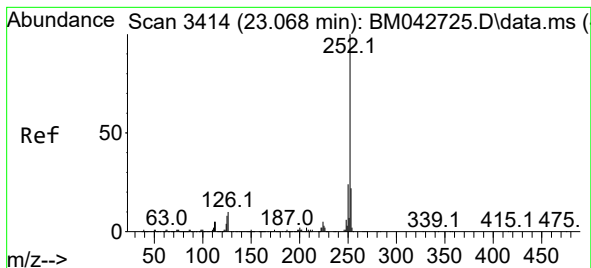
Delta R.T. -0.012 min

Lab File: BM042744.D

Acq: 14 Nov 2023 21:22

Tgt Ion:149 Resp: 695761





#90

Benzo(b)fluoranthene

Concen: 51.326 ng/ul

RT: 23.062 min Scan# 3414

Delta R.T. -0.012 min

Lab File: BM042744.D

Acq: 14 Nov 2023 21:22

Instrument :

BNA_M

ClientSampleId :

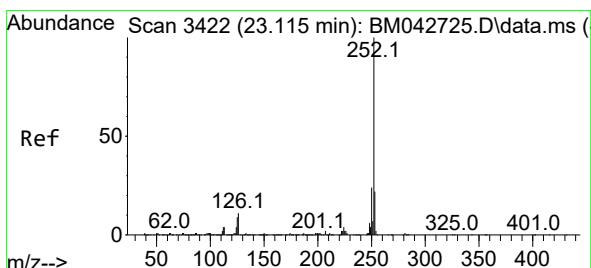
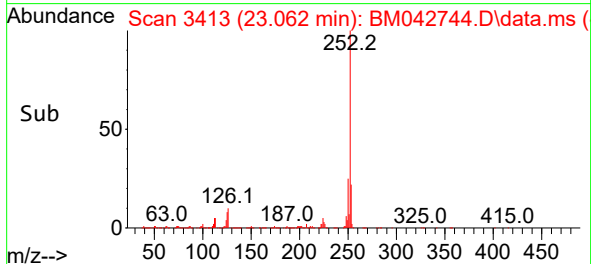
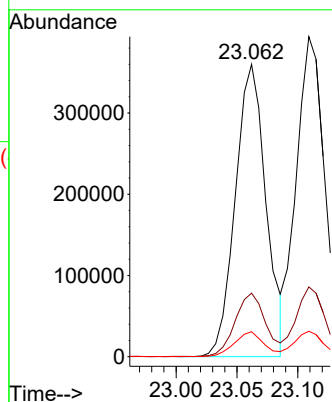
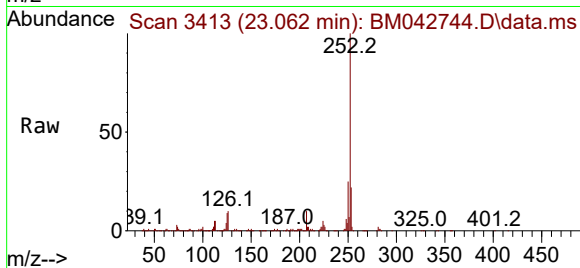
Tgt Ion:252 Resp: 630183

Ion Ratio Lower Upper

252 100

253 21.7 17.0 25.6

125 8.5 5.2 7.8#



#91

Benzo(k)fluoranthene

Concen: 51.059 ng/ul

RT: 23.109 min Scan# 3421

Delta R.T. -0.012 min

Lab File: BM042744.D

Acq: 14 Nov 2023 21:22

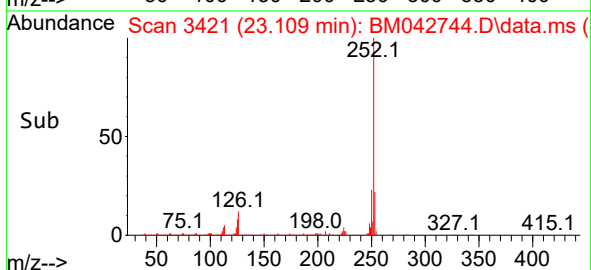
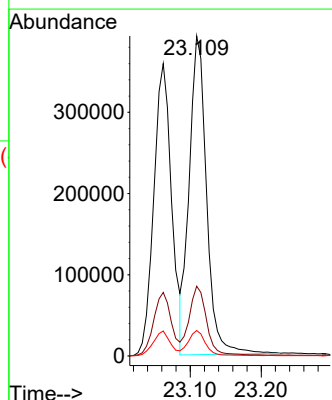
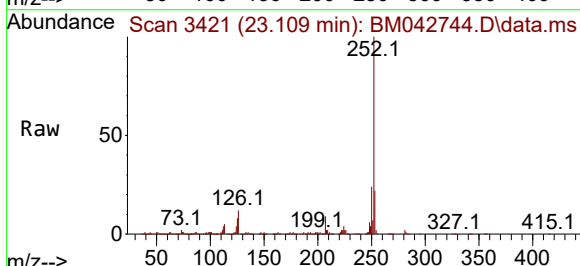
Tgt Ion:252 Resp: 667334

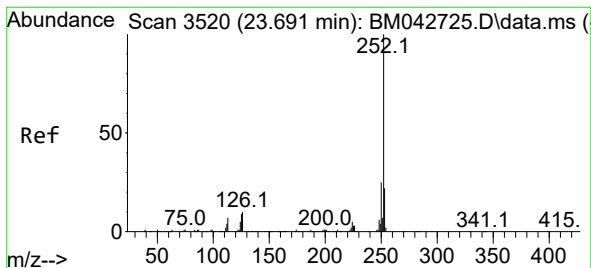
Ion Ratio Lower Upper

252 100

253 21.8 17.5 26.3

125 7.9 5.5 8.3





#93

Benzo(a)pyrene

Concen: 50.428 ng/ul

RT: 23.685 min Scan# 3

Delta R.T. -0.012 min

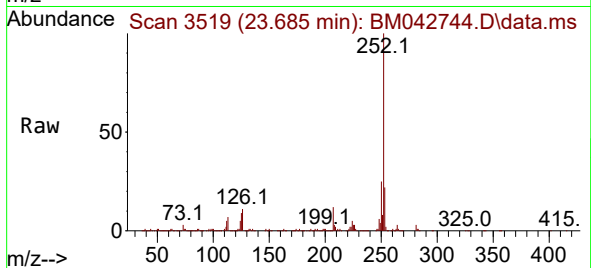
Lab File: BM042744.D

Acq: 14 Nov 2023 21:22

Instrument :

BNA_M

ClientSampleId :



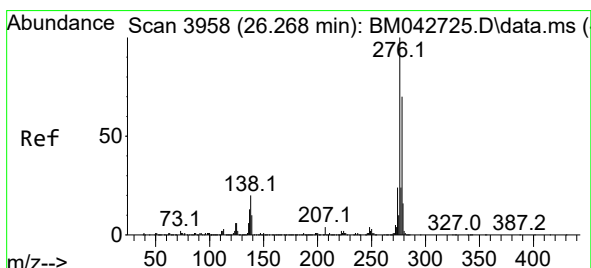
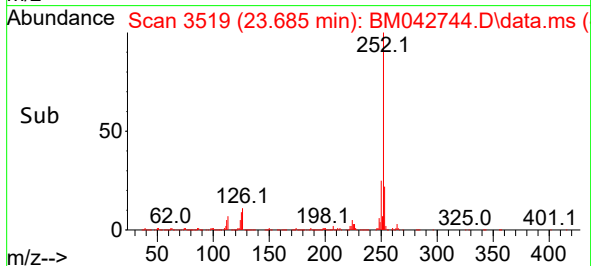
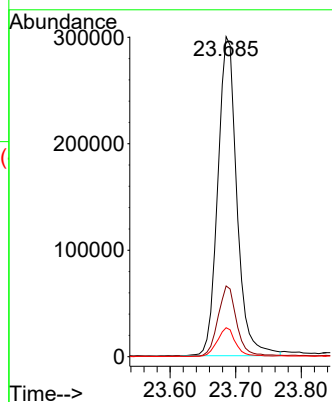
Tgt Ion:252 Resp: 603319

Ion Ratio Lower Upper

252 100

253 22.1 17.0 25.6

125 9.1 6.3 9.5



#94

Indeno(1,2,3-cd)pyrene

Concen: 50.679 ng/ul

RT: 26.262 min Scan# 3957

Delta R.T. -0.018 min

Lab File: BM042744.D

Acq: 14 Nov 2023 21:22

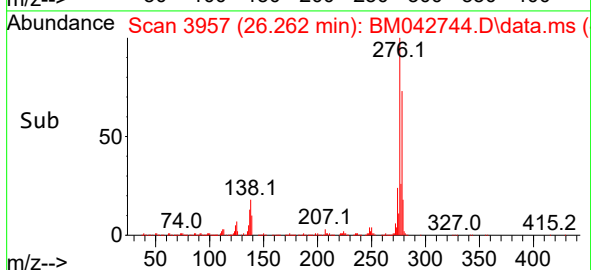
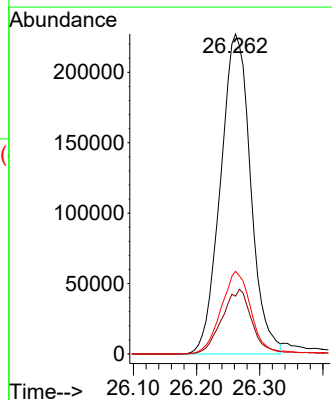
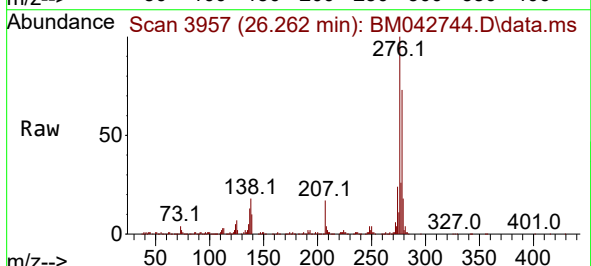
Tgt Ion:276 Resp: 753535

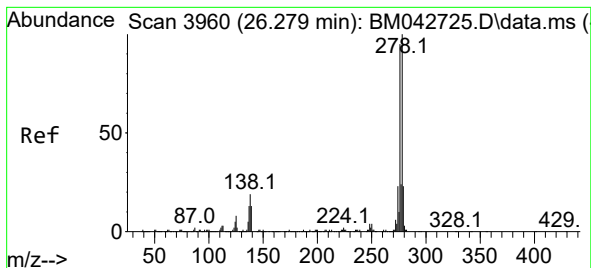
Ion Ratio Lower Upper

276 100

138 18.1 13.8 20.8

277 25.8 19.7 29.5





#95

Dibenzo(a,h)anthracene

Concen: 51.754 ng/ul

RT: 26.273 min Scan# 3959

Delta R.T. -0.024 min

Lab File: BM042744.D

Acq: 14 Nov 2023 21:22

Instrument :

BNA_M

ClientSampleId :

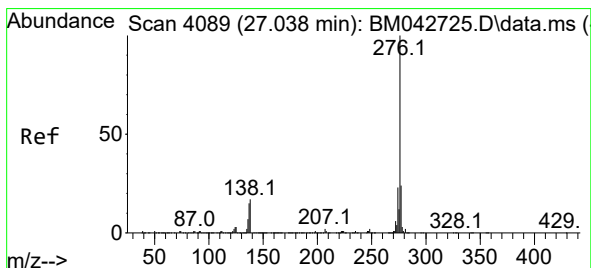
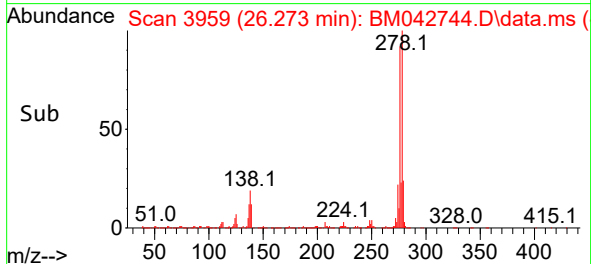
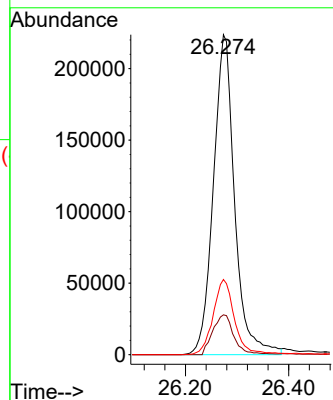
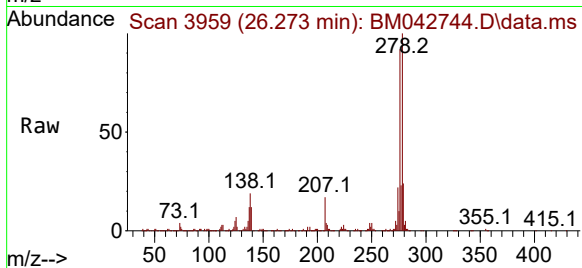
Tgt Ion:278 Resp: 637981

Ion Ratio Lower Upper

278 100

139 12.4 9.0 13.4

279 23.5 18.8 28.2



#96

Benzo(g,h,i)perylene

Concen: 50.290 ng/ul

RT: 27.032 min Scan# 4088

Delta R.T. -0.018 min

Lab File: BM042744.D

Acq: 14 Nov 2023 21:22

Tgt Ion:276 Resp: 593777

Ion Ratio Lower Upper

276 100

138 17.0 13.0 19.6

277 23.1 18.4 27.6

