

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM111323\
 Data File : BM042745.D
 Acq On : 14 Nov 2023 21:59
 Operator : MA/JU
 Sample : 05057-06
 Misc :
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Nov 15 03:34:49 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	19271	20.000	ng/u1	0.00
20) Naphthalene-d8	10.645	136	83024	20.000	ng/u1	-0.01
38) Acenaphthene-d10	14.486	164	55101	20.000	ng/u1	-0.01
64) Phenanthrene-d10	17.239	188	119985	20.000	ng/u1	-0.01
79) Chrysene-d12	21.421	240	128557	20.000	ng/u1	-0.01
88) Perylene-d12	23.786	264	140489	20.000	ng/u1	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.175	96	2798	4.556	ng/uL	-0.01
4) Pyridine-d5	3.628	84	20114	13.166	ng/u1	0.00
7) Phenol-d5	7.004	99	19814	10.564	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.181	67	60076	45.584	ng/u1	0.00
11) 2-Chlorophenol-d4	7.351	132	46779	32.324	ng/u1	-0.01
15) 4-Methylphenol-d8	8.557	113	33973	23.005	ng/u1	0.00
21) Nitrobenzene-d5	9.034	128	28772	39.527	ng/u1	0.00
24) 2-Nitrophenol-d4	9.745	143	32399	38.048	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.269	165	59798	37.767	ng/u1	0.00
31) 4-Chloroaniline-d4	10.822	131	71386	35.510	ng/u1	0.00
46) Dimethylphthalate-d6	13.910	166	233435	44.763	ng/u1	0.00
49) Acenaphthylene-d8	14.186	160	235085	42.132	ng/u1	-0.01
54) 4-Nitrophenol-d4	14.745	143	3912	6.640	ng/u1	0.00
60) Fluorene-d10	15.480	176	190868	44.199	ng/u1	-0.01
65) 4,6-Dinitro-2-methylph...	15.627	200	40811	44.904	ng/u1	-0.01
73) Anthracene-d10	17.339	188	312571	46.484	ng/u1	-0.01
81) Pyrene-d10	19.639	212	412580	49.009	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.633	264	415537	49.448	ng/u1	-0.02
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.216	88	5164	7.896	ng/uL	91
5) Pyridine	3.646	79	26967	16.234	ng/u1	94
6) Benzaldehyde	6.998	77	56349	52.365	ng/u1	97
8) Phenol	7.034	94	26848	14.391	ng/u1	98
10) Bis(2-Chloroethyl)ether	7.275	93	70710	45.885	ng/u1	92
12) 2-Chlorophenol	7.387	128	52511	36.460	ng/u1	92
13) 2-Methylphenol	8.287	108	42055	30.230	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.345	45	91007	32.441	ng/u1	100
16) Acetophenone	8.687	105	113067	45.534	ng/u1	97
17) N-Nitroso-di-n-propyla...	8.651	70	73774	48.805	ng/u1	96
18) 4-Methylphenol	8.622	108	41112	27.181	ng/u1	92
19) Hexachloroethane	8.887	117	29892	37.238	ng/u1	93
22) Nitrobenzene	9.075	77	102089	46.403	ng/u1	95
23) Isophorone	9.581	82	204182	46.598	ng/u1	97
25) 2-Nitrophenol	9.775	139	35483	41.014	ng/u1	93
26) 2,4-Dimethylphenol	9.822	107	61910	33.446	ng/u1	98
27) Bis(2-Chloroethoxy)met...	10.075	93	103553	46.768	ng/u1	100
29) 2,4-Dichlorophenol	10.298	162	63325	42.243	ng/u1	97
30) Naphthalene	10.698	128	217136	41.746	ng/u1	99
32) 4-Chloroaniline	10.845	127	68563	35.550	ng/u1	98
33) Hexachlorobutadiene	10.916	225	49658	37.501	ng/u1	98
34) Caprolactam	11.681	113	2894	6.511	ng/u1	79
35) 4-Chloro-3-methylphenol	11.951	107	69269	43.123	ng/u1	98
36) 2-Methylnaphthalene	12.310	142	153019	43.895	ng/u1	98

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM111323\
 Data File : BM042745.D
 Acq On : 14 Nov 2023 21:59
 Operator : MA/JU
 Sample : 05057-06
 Misc :
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

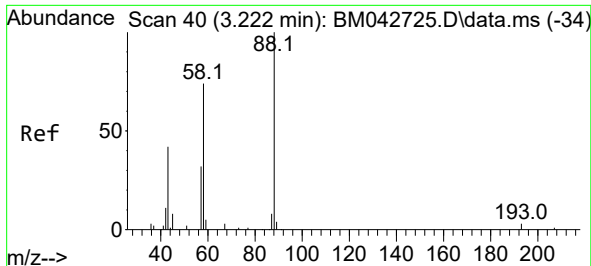
Quant Time: Nov 15 03:34:49 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM111323.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Nov 14 00:02:28 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.528	142	156840	42.792	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.663	216	95383	44.139	ng/ul	97
40) Hexachlorocyclopentadiene	12.604	237	26537	25.938	ng/ul	97
41) 2,4,6-Trichlorophenol	12.922	196	62819	47.591	ng/ul	96
42) 2,4,5-Trichlorophenol	12.998	196	61529	48.274	ng/ul	97
43) 1,1'-Biphenyl	13.322	154	215577	46.913	ng/ul	96
44) 2-Chloronaphthalene	13.369	162	171005	46.258	ng/ul	98
45) 2-Nitroaniline	13.622	65	70226	58.249	ng/ul	99
47) Dimethylphthalate	13.957	163	256333	50.466	ng/ul	99
48) 2,6-Dinitrotoluene	14.110	165	49023	51.373	ng/ul	95
50) Acenaphthylene	14.216	152	300425	48.051	ng/ul	99
51) 3-Nitroaniline	14.451	138	35513	45.511	ng/ul	97
52) Acenaphthene	14.551	153	204170	48.286	ng/ul	98
53) 2,4-Dinitrophenol	14.663	184	21258	44.803	ng/ul	94
55) 4-Nitrophenol	14.780	109	14481	15.619	ng/ul#	32
56) Dibenzofuran	14.892	168	288668	49.187	ng/ul	97
57) 2,4-Dinitrotoluene	14.892	165	74704	53.324	ng/ul	92
58) 2,3,4,6-Tetrachlorophenol	15.110	232	65273	49.335	ng/ul#	96
59) Diethylphthalate	15.310	149	269901	50.674	ng/ul	98
61) Fluorene	15.539	166	259355	52.051	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.533	204	137655	51.262	ng/ul	96
63) 4-Nitroaniline	15.621	138	39321	55.274	ng/ul	95
66) 4,6-Dinitro-2-methylph...	15.645	198	46505	50.260	ng/ul	95
67) N-Nitrosodiphenylamine	15.757	169	200187	53.196	ng/ul	98
68) 4-Bromophenyl-phenylether	16.427	248	81095	50.776	ng/ul	92
69) Hexachlorobenzene	16.510	284	103564	53.044	ng/ul	95
70) Atrazine	16.710	200	63930	44.104	ng/ul	99
71) Pentachlorophenol	16.874	266	54679	48.634	ng/ul	99
72) Phenanthrene	17.286	178	405970	54.160	ng/ul	99
74) Anthracene	17.374	178	392817	52.100	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.275	216	100312	47.281	ng/uL	99
76) Pentachlorobenzene	14.780	250	104897	47.121	ng/uL	98
77) Carbazole	17.668	167	343918	55.242	ng/ul	99
78) Di-n-butylphthalate	18.186	149	489667	53.788	ng/ul	100
80) Fluoranthene	19.298	202	525487	54.746	ng/ul	97
82) Pyrene	19.668	202	557014	54.730	ng/ul	98
83) Butylbenzylphthalate	20.551	149	228644	52.597	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.356	252	128135	38.944	ng/ul	99
85) Benzo(a)anthracene	21.409	228	552615	54.760	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.292	149	344008	52.158	ng/ul	98
87) Chrysene	21.462	228	536030	54.769	ng/ul	98
89) Di-n-octyl phthalate	22.203	149	583845	51.447	ng/ul	100
90) Benzo(b)fluoranthene	23.056	252	549544	57.318	ng/ul#	98
91) Benzo(k)fluoranthene	23.109	252	553885	54.270	ng/ul	99
93) Benzo(a)pyrene	23.686	252	529582	56.685	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.256	276	656243	56.520	ng/ul	97
95) Dibenzo(a,h)anthracene	26.274	278	543199	56.430	ng/ul	98
96) Benzo(g,h,i)perylene	27.027	276	514226	55.773	ng/ul	98

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

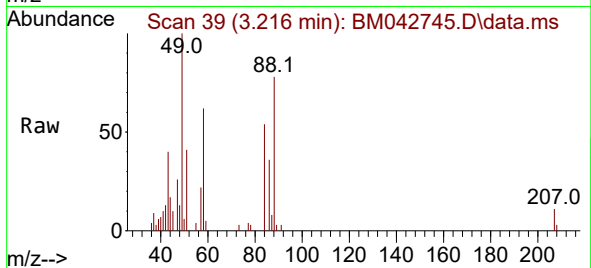
Quant Time: Nov 15 03:34:49 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM111323.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Nov 14 00:02:28 2023
Response via : Initial Calibration



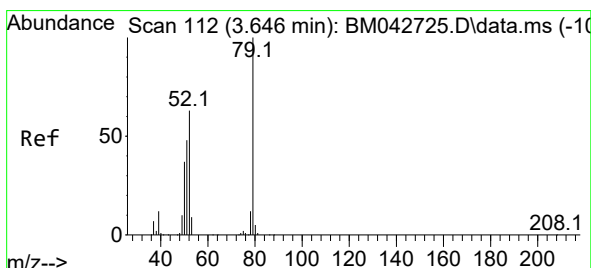
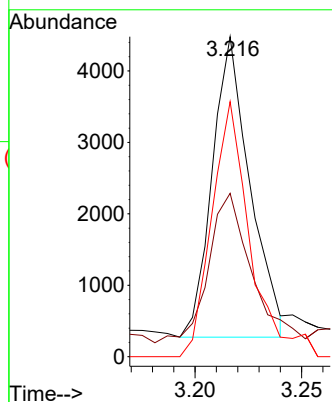
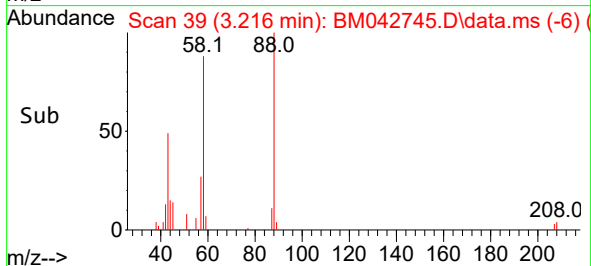


#2
1,4-Dioxane
Concen: 7.896 ng/uL
RT: 3.216 min Scan# 39
Delta R.T. -0.006 min
Lab File: BM042745.D
Acq: 14 Nov 2023 21:59

Instrument :
BNA_M
ClientSampleId :

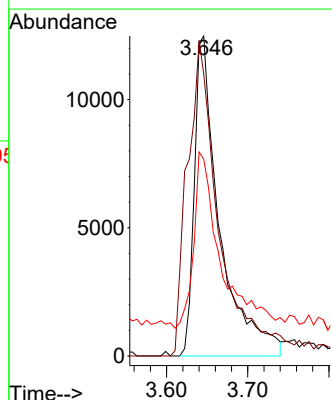
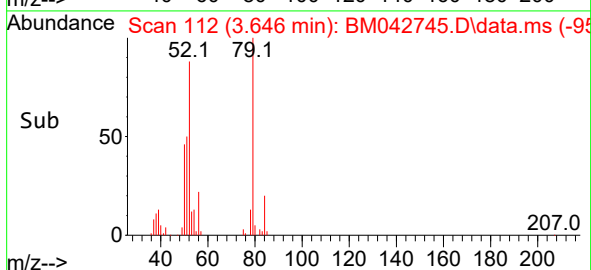
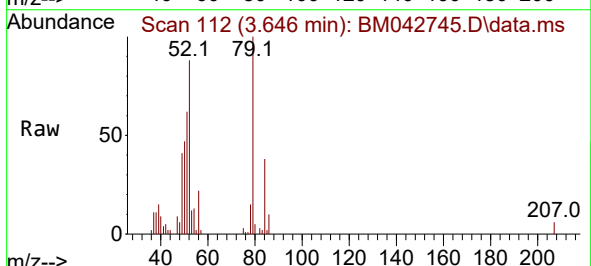


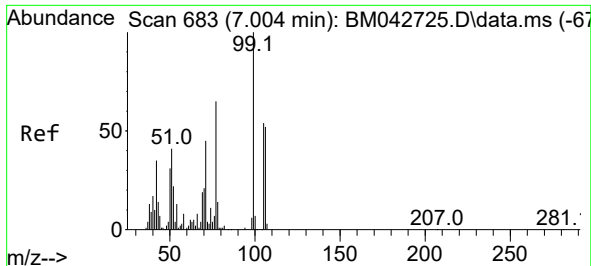
Tgt Ion: 88 Resp: 5164
Ion Ratio Lower Upper
88 100
43 51.1 34.3 51.5
58 79.7 59.4 89.0



#5
Pyridine
Concen: 16.234 ng/uL
RT: 3.646 min Scan# 112
Delta R.T. 0.000 min
Lab File: BM042745.D
Acq: 14 Nov 2023 21:59

Tgt Ion: 79 Resp: 26967
Ion Ratio Lower Upper
79 100
52 88.1 74.6 111.8
51 61.5 44.6 67.0

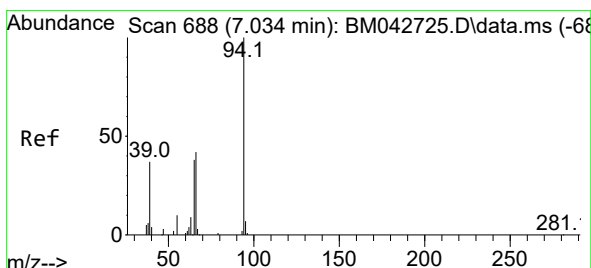
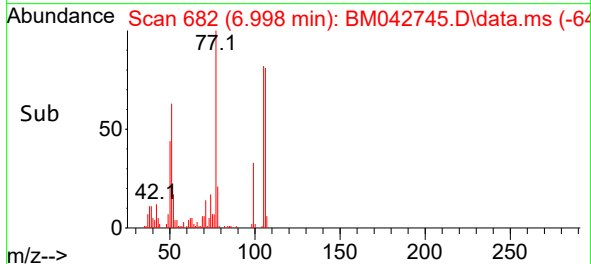
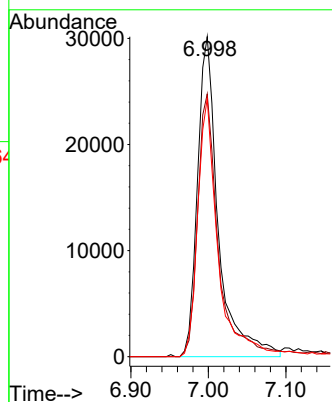
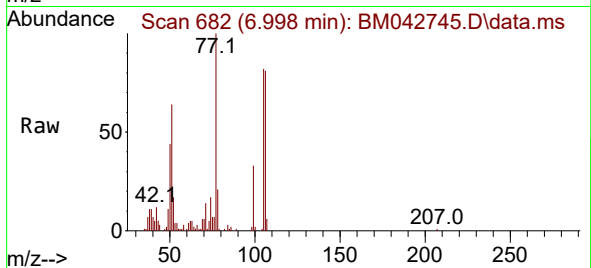




#6
Benzaldehyde
Concen: 52.365 ng/ul
RT: 6.998 min Scan# 682
Delta R.T. -0.006 min
Lab File: BM042745.D
Acq: 14 Nov 2023 21:59

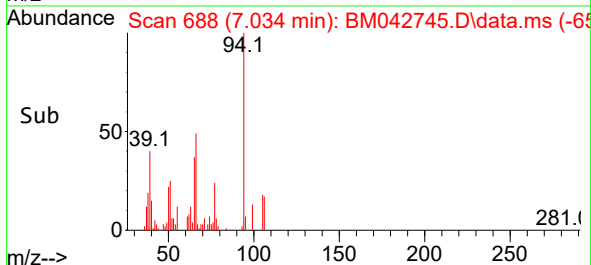
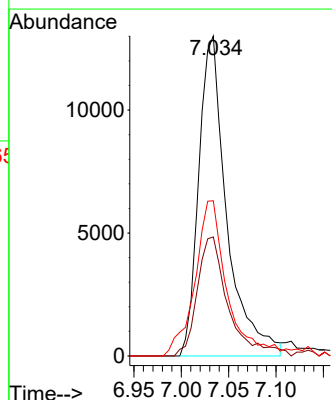
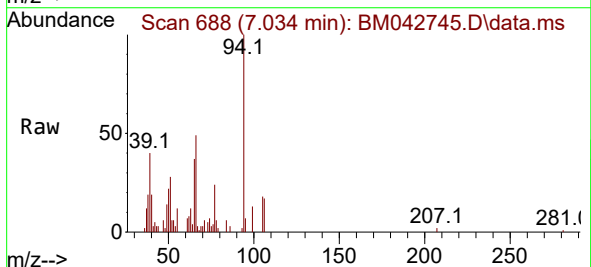
Instrument :
BNA_M
ClientSampleId :

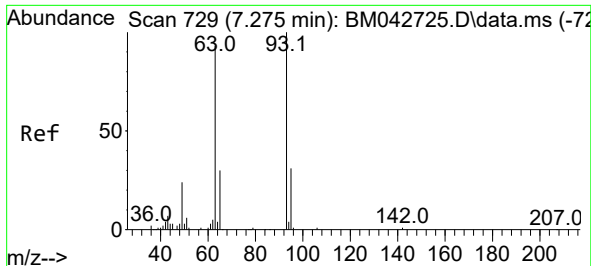
Tgt Ion: 77 Resp: 56349
Ion Ratio Lower Upper
77 100
105 82.1 69.6 104.4
106 80.7 64.2 96.2



#8
Phenol
Concen: 14.391 ng/ul
RT: 7.034 min Scan# 688
Delta R.T. 0.000 min
Lab File: BM042745.D
Acq: 14 Nov 2023 21:59

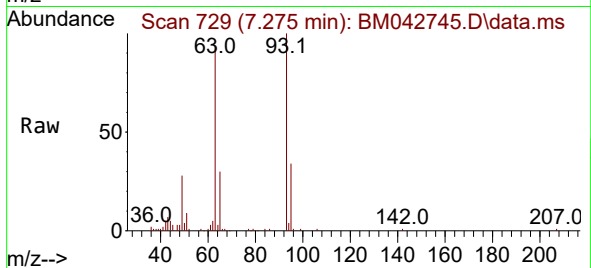
Tgt Ion: 94 Resp: 26848
Ion Ratio Lower Upper
94 100
65 37.2 30.3 45.5
66 48.5 39.9 59.9



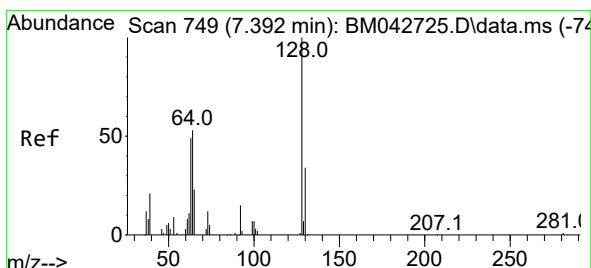
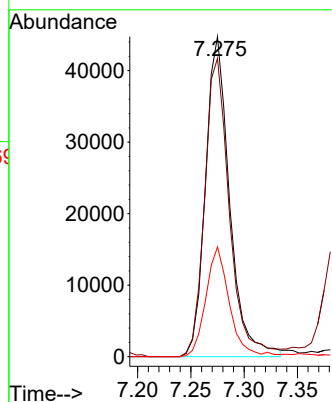
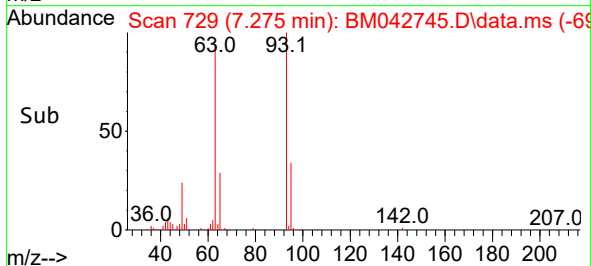


#10
Bis(2-Chloroethyl)ether
Concen: 45.885 ng/ul
RT: 7.275 min Scan# 701
Delta R.T. -0.006 min
Lab File: BM042745.D
Acq: 14 Nov 2023 21:59

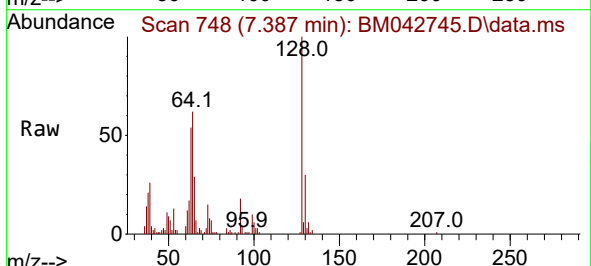
Instrument :
BNA_M
ClientSampleId :



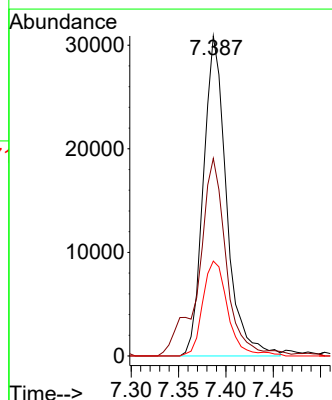
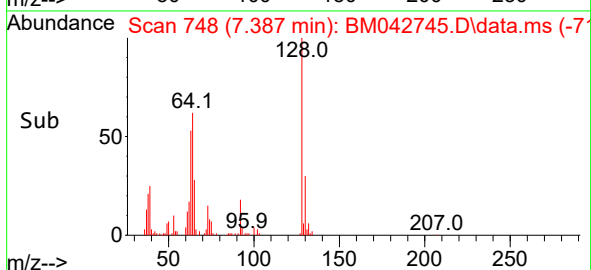
Tgt Ion: 93 Resp: 70710
Ion Ratio Lower Upper
93 100
63 93.3 68.6 102.8
95 34.3 24.8 37.2

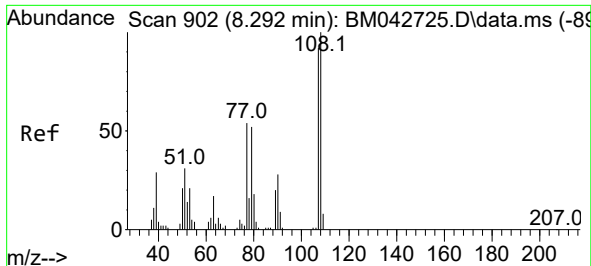


#12
2-Chlorophenol
Concen: 36.460 ng/ul
RT: 7.387 min Scan# 748
Delta R.T. -0.012 min
Lab File: BM042745.D
Acq: 14 Nov 2023 21:59



Tgt Ion: 128 Resp: 52511
Ion Ratio Lower Upper
128 100
64 61.8 42.9 64.3
130 29.6 23.9 35.9

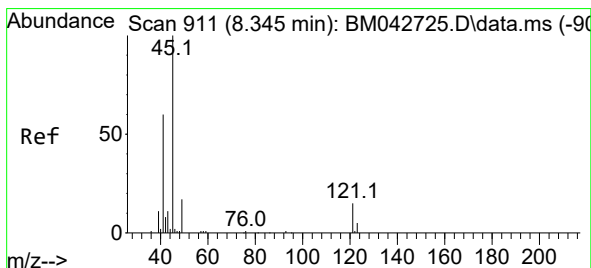
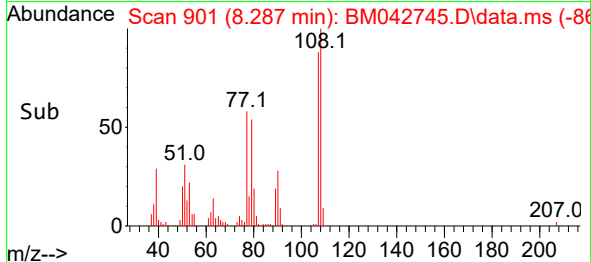
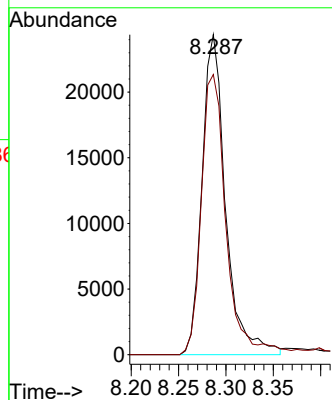
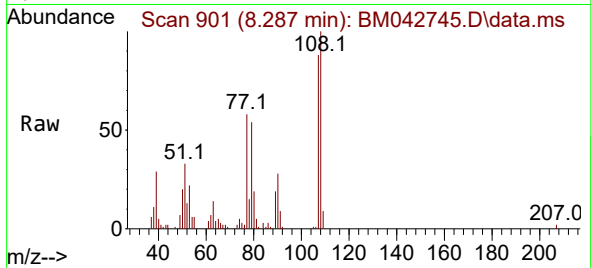




#13
2-Methylphenol
Concen: 30.230 ng/ul
RT: 8.287 min Scan# 901
Delta R.T. -0.006 min
Lab File: BM042745.D
Acq: 14 Nov 2023 21:59

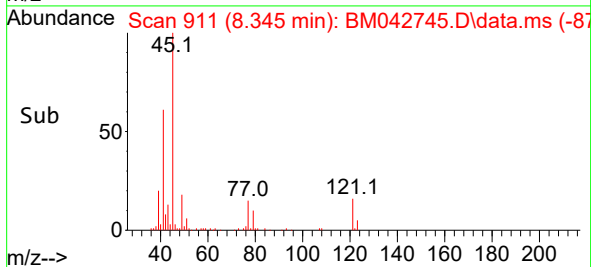
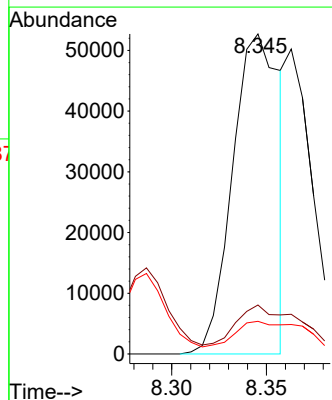
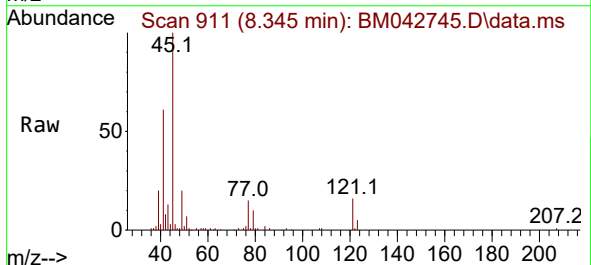
Instrument :
BNA_M
ClientSampleId :

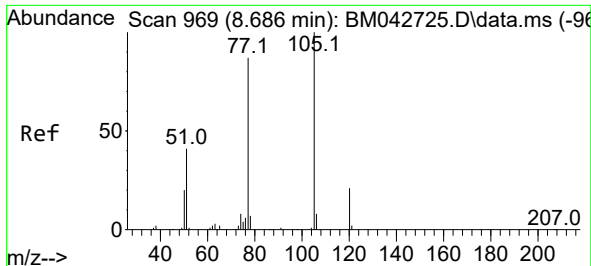
Tgt Ion:108 Resp: 42055
Ion Ratio Lower Upper
108 100
107 87.5 70.4 105.6



#14
2,2'-oxybis(1-Chloropropane)
Concen: 32.441 ng/ul
RT: 8.345 min Scan# 911
Delta R.T. -0.006 min
Lab File: BM042745.D
Acq: 14 Nov 2023 21:59

Tgt Ion: 45 Resp: 91007
Ion Ratio Lower Upper
45 100
77 15.3 12.2 18.2
79 10.2 8.2 12.2

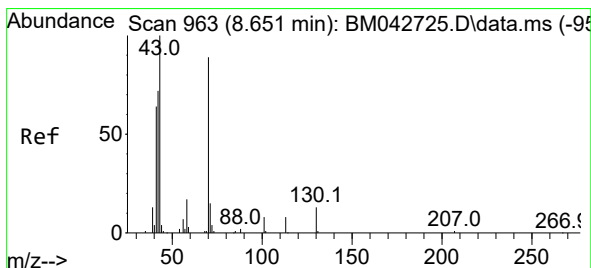
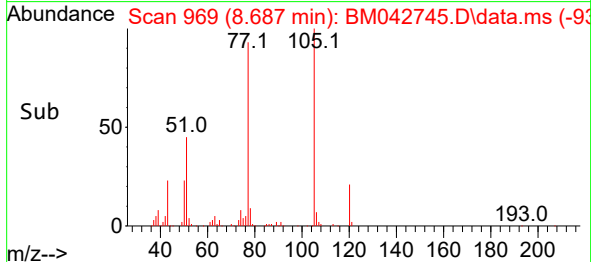
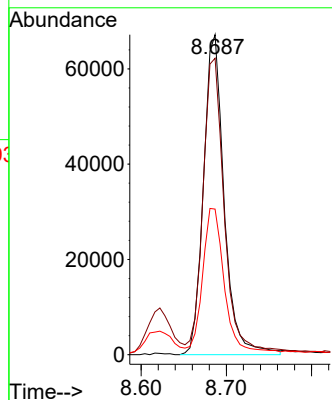
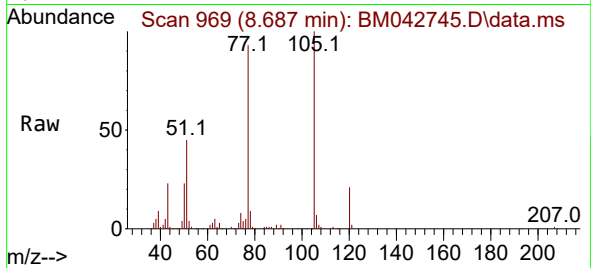




#16
Acetophenone
Concen: 45.534 ng/ul
RT: 8.687 min Scan# 969
Delta R.T. -0.006 min
Lab File: BM042745.D
Acq: 14 Nov 2023 21:59

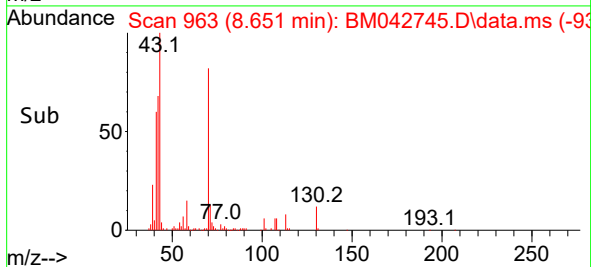
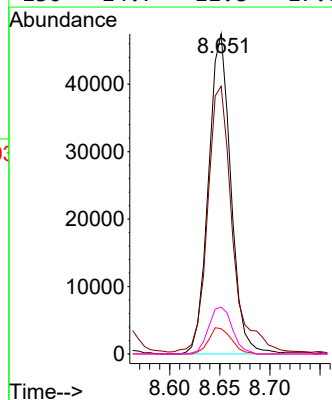
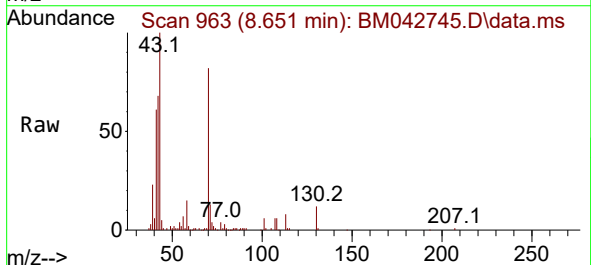
Instrument :
BNA_M
ClientSampleId :

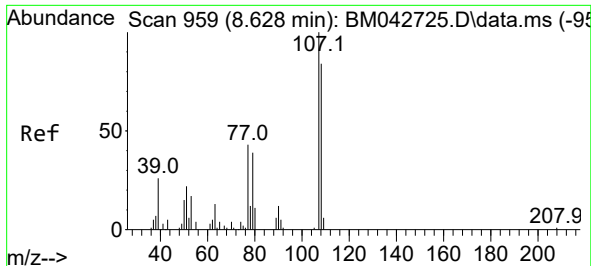
Tgt Ion:105 Resp: 113067
Ion Ratio Lower Upper
105 100
77 92.6 71.6 107.4
51 45.5 35.4 53.2



#17
N-Nitroso-di-n-propylamine
Concen: 48.805 ng/ul
RT: 8.651 min Scan# 963
Delta R.T. -0.006 min
Lab File: BM042745.D
Acq: 14 Nov 2023 21:59

Tgt Ion: 70 Resp: 73774
Ion Ratio Lower Upper
70 100
42 83.6 63.0 94.6
101 7.9 7.0 10.4
130 14.7 11.8 17.8





#18

4-Methylphenol

Concen: 27.181 ng/ul

RT: 8.622 min Scan# 91

Delta R.T. -0.006 min

Lab File: BM042745.D

Acq: 14 Nov 2023 21:59

Instrument :

BNA_M

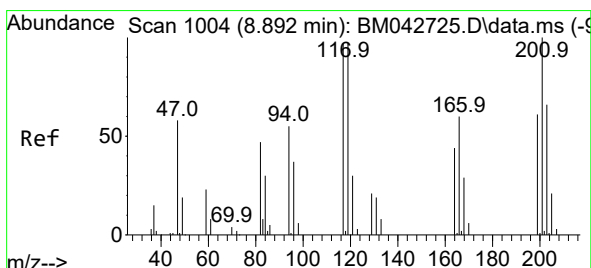
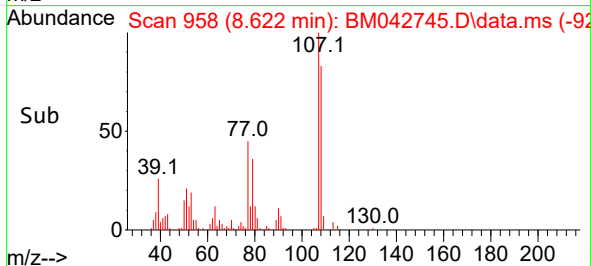
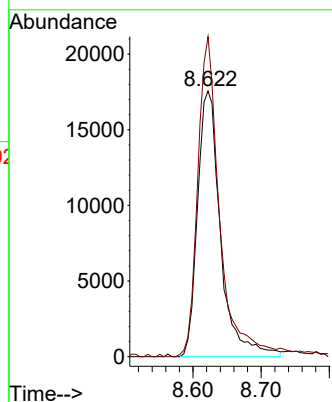
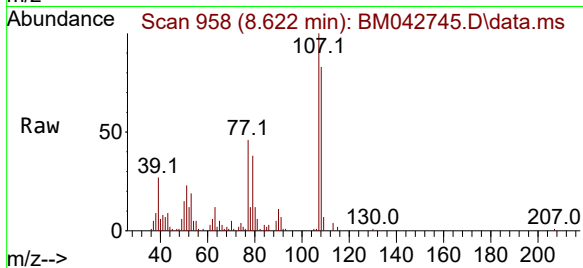
ClientSampleId :

Tgt Ion:108 Resp: 41112

Ion Ratio Lower Upper

108 100

107 120.5 89.4 134.0



#19

Hexachloroethane

Concen: 37.238 ng/ul

RT: 8.887 min Scan# 1003

Delta R.T. -0.006 min

Lab File: BM042745.D

Acq: 14 Nov 2023 21:59

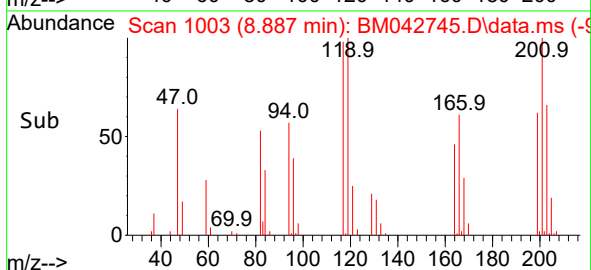
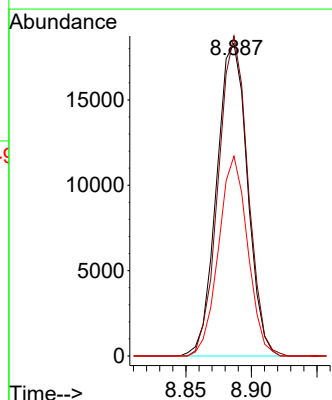
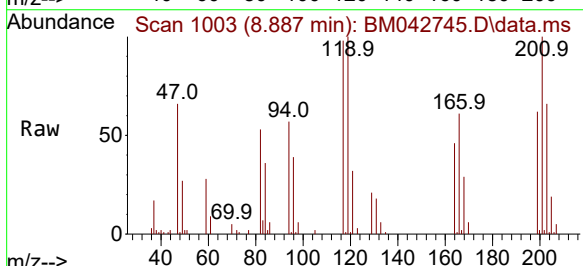
Tgt Ion:117 Resp: 29892

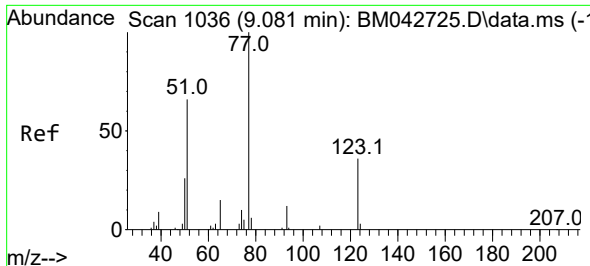
Ion Ratio Lower Upper

117 100

201 102.4 90.0 135.0

199 64.0 52.2 78.4

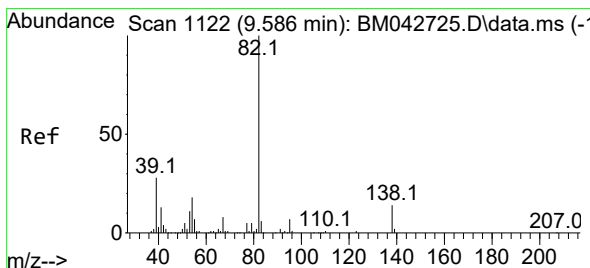
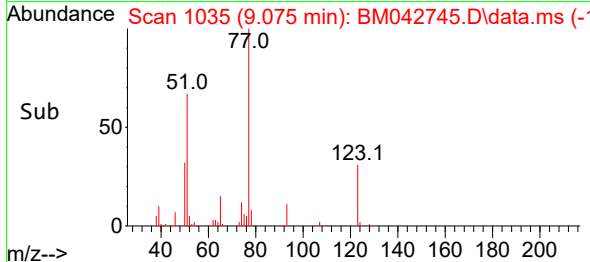
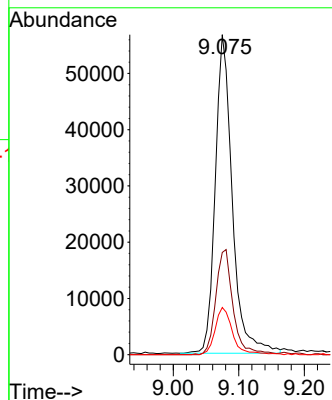
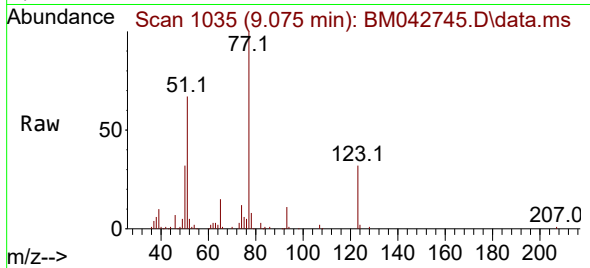




#22
Nitrobenzene
Concen: 46.403 ng/ul
RT: 9.075 min Scan# 1035
Delta R.T. -0.012 min
Lab File: BM042745.D
Acq: 14 Nov 2023 21:59

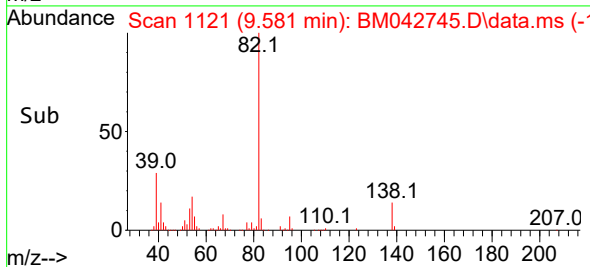
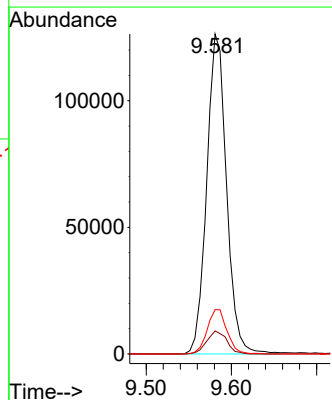
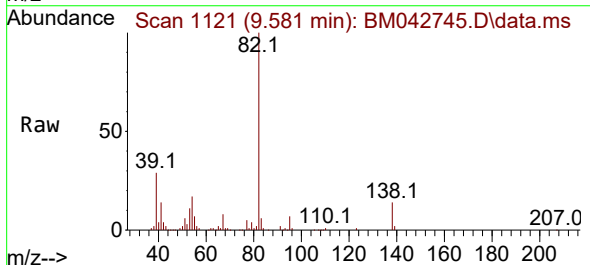
Instrument :
BNA_M
ClientSampleId :

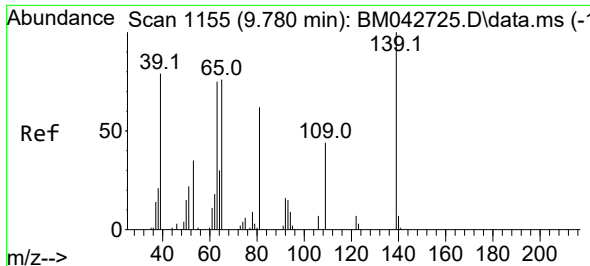
Tgt Ion: 77 Resp: 102089
Ion Ratio Lower Upper
77 100
123 32.0 28.4 42.6
65 14.7 12.4 18.6



#23
Isophorone
Concen: 46.598 ng/ul
RT: 9.581 min Scan# 1121
Delta R.T. -0.012 min
Lab File: BM042745.D
Acq: 14 Nov 2023 21:59

Tgt Ion: 82 Resp: 204182
Ion Ratio Lower Upper
82 100
95 7.2 6.4 9.6
138 13.9 12.1 18.1





#25

2-Nitrophenol

Concen: 41.014 ng/ul

RT: 9.775 min Scan# 1154

Delta R.T. -0.012 min

Lab File: BM042745.D

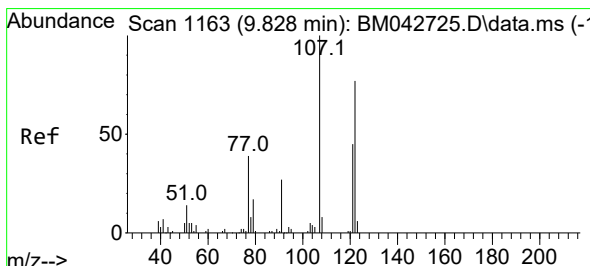
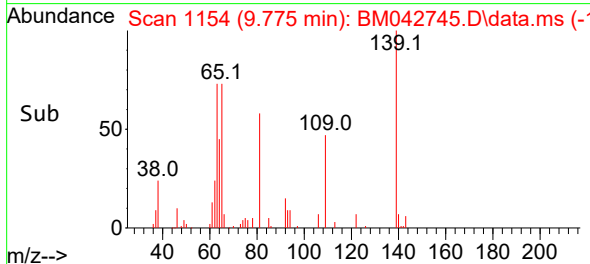
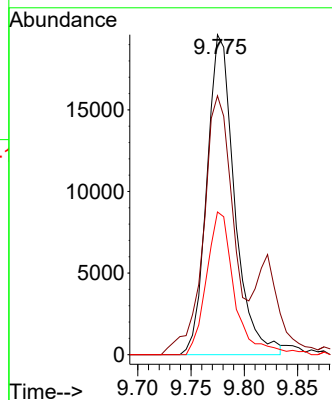
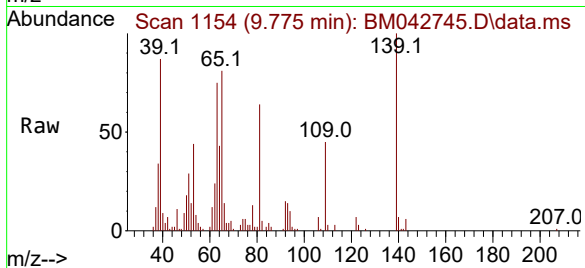
Acq: 14 Nov 2023 21:59

Instrument :

BNA_M

ClientSampleId :

Tgt Ion:139	Resp:	35483
Ion Ratio	Lower	Upper
139	100	
65	80.9	59.1 88.7
109	44.6	33.9 50.9



#26

2,4-Dimethylphenol

Concen: 33.446 ng/ul

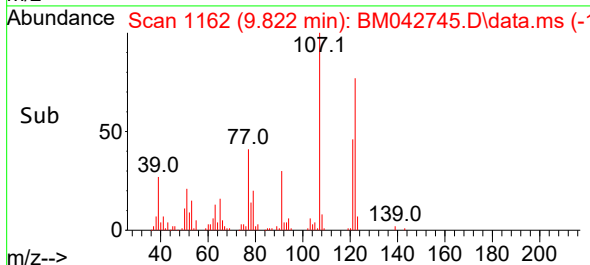
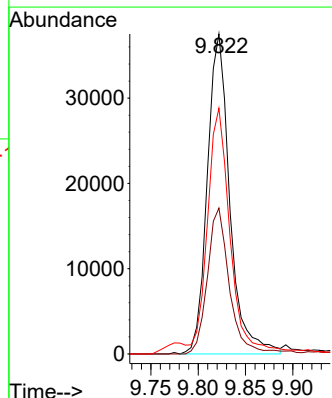
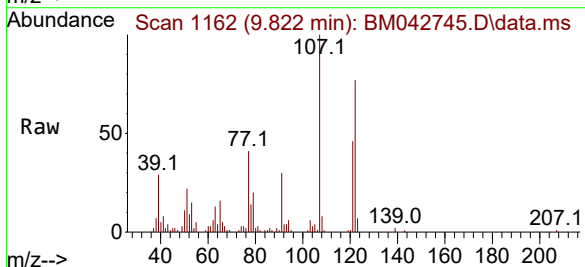
RT: 9.822 min Scan# 1162

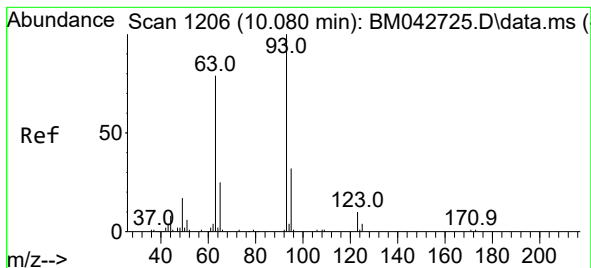
Delta R.T. -0.006 min

Lab File: BM042745.D

Acq: 14 Nov 2023 21:59

Tgt Ion:107	Resp:	61910
Ion Ratio	Lower	Upper
107	100	
121	45.6	38.0 57.0
122	76.8	60.5 90.7

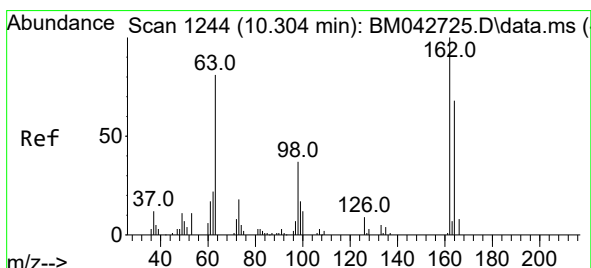
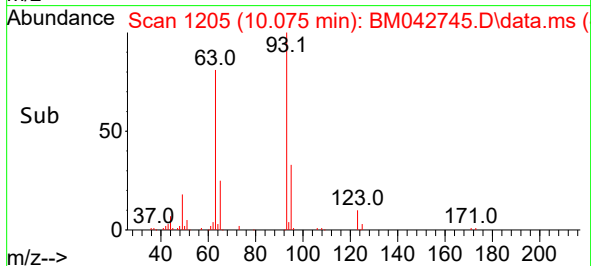
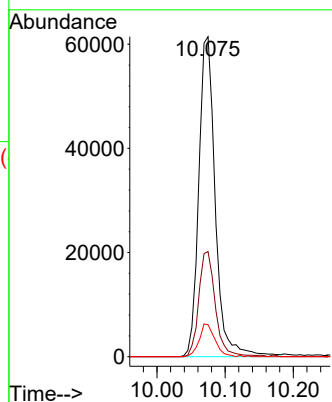
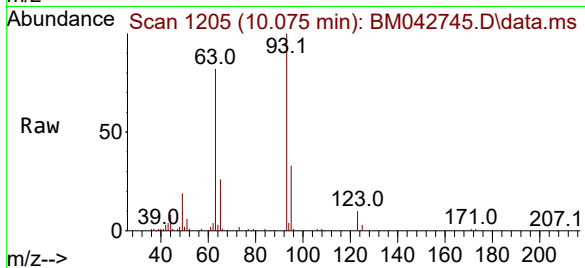




#27
Bis(2-Chloroethoxy)methane
Concen: 46.768 ng/ul
RT: 10.075 min Scan# 1205
Delta R.T. -0.006 min
Lab File: BM042745.D
Acq: 14 Nov 2023 21:59

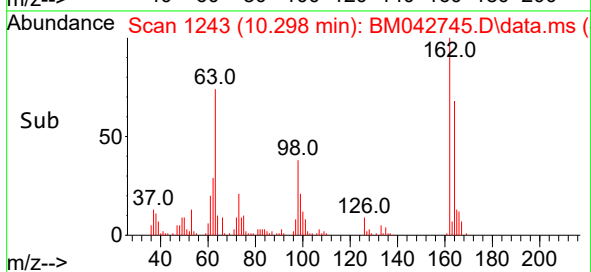
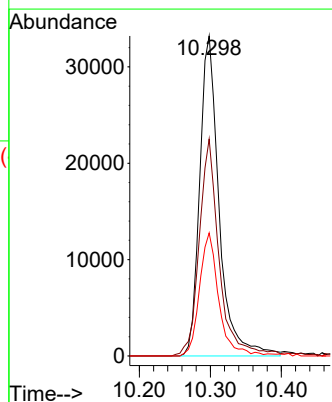
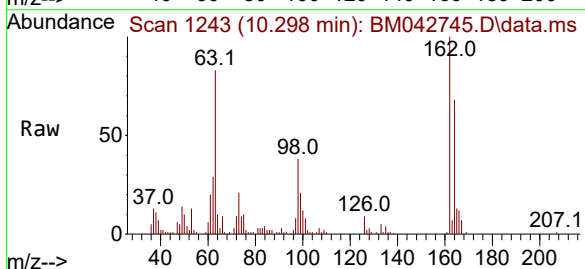
Instrument :
BNA_M
ClientSampleId :

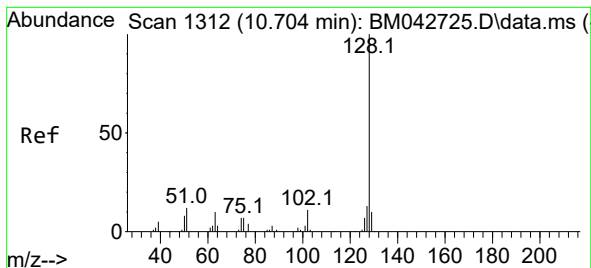
Tgt Ion: 93 Resp: 103553
Ion Ratio Lower Upper
93 100
95 32.8 26.5 39.7
123 10.0 8.2 12.2



#29
2,4-Dichlorophenol
Concen: 42.243 ng/ul
RT: 10.298 min Scan# 1243
Delta R.T. -0.006 min
Lab File: BM042745.D
Acq: 14 Nov 2023 21:59

Tgt Ion:162 Resp: 63325
Ion Ratio Lower Upper
162 100
164 67.8 53.4 80.2
98 38.4 28.4 42.6





#30

Naphthalene

Concen: 41.746 ng/ul

RT: 10.698 min Scan# 11

Delta R.T. -0.006 min

Lab File: BM042745.D

Acq: 14 Nov 2023 21:59

Instrument :

BNA_M

ClientSampleId :

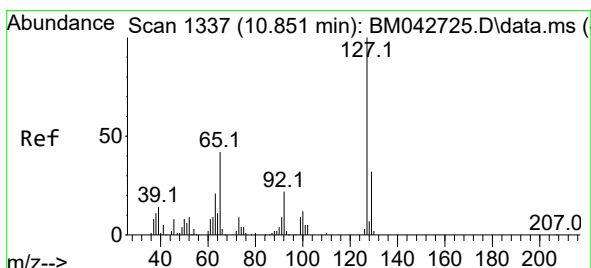
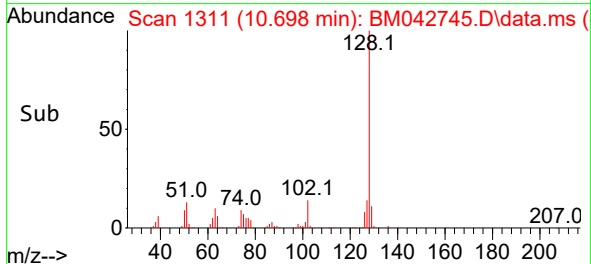
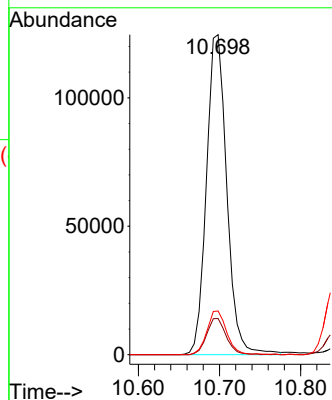
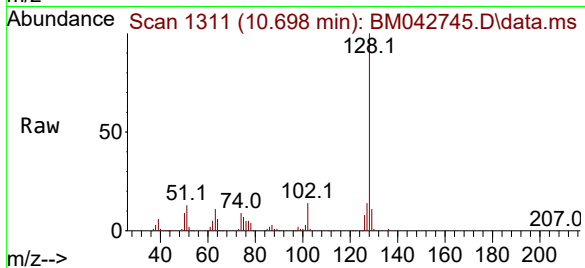
Tgt Ion:128 Resp: 217136

Ion Ratio Lower Upper

128 100

129 11.3 8.6 13.0

127 13.7 10.5 15.7



#32

4-Chloroaniline

Concen: 35.550 ng/ul

RT: 10.845 min Scan# 1336

Delta R.T. -0.006 min

Lab File: BM042745.D

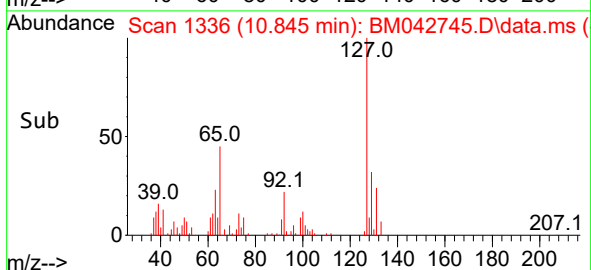
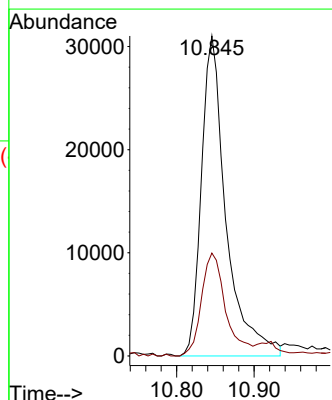
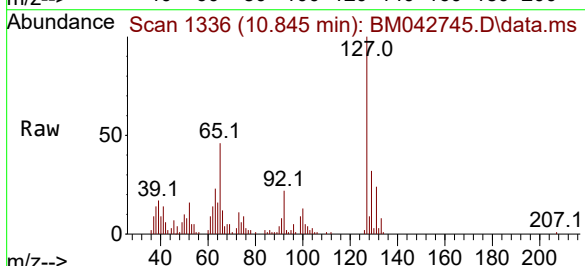
Acq: 14 Nov 2023 21:59

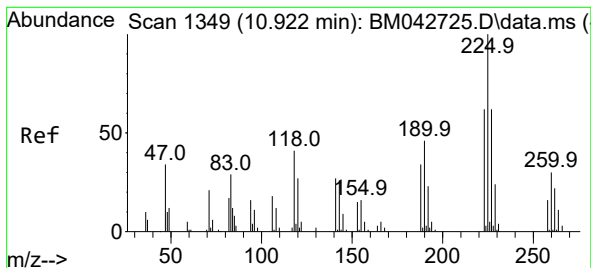
Tgt Ion:127 Resp: 68563

Ion Ratio Lower Upper

127 100

129 32.2 26.7 40.1





#33

Hexachlorobutadiene

Concen: 37.501 ng/ul

RT: 10.916 min Scan# 11

Delta R.T. -0.012 min

Lab File: BM042745.D

Acq: 14 Nov 2023 21:59

Instrument :

BNA_M

ClientSampleId :

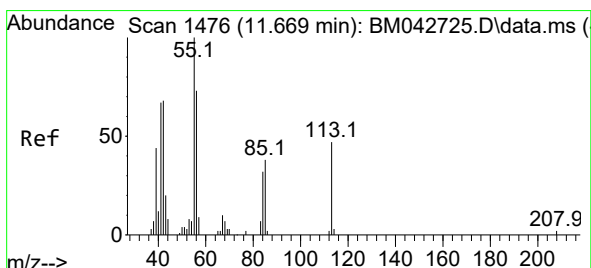
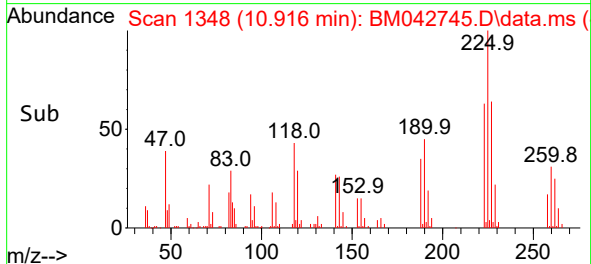
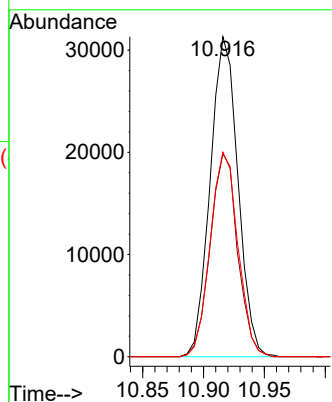
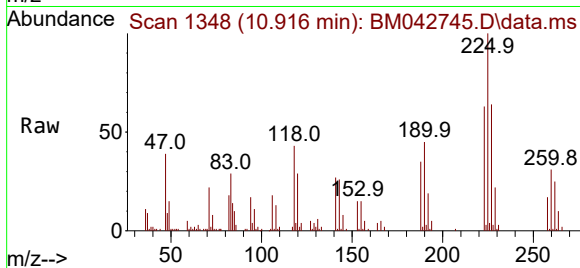
Tgt Ion:225 Resp: 49658

Ion Ratio Lower Upper

225 100

223 63.4 53.0 79.4

227 63.9 50.5 75.7



#34

Caprolactam

Concen: 6.511 ng/ul

RT: 11.681 min Scan# 1478

Delta R.T. -0.018 min

Lab File: BM042745.D

Acq: 14 Nov 2023 21:59

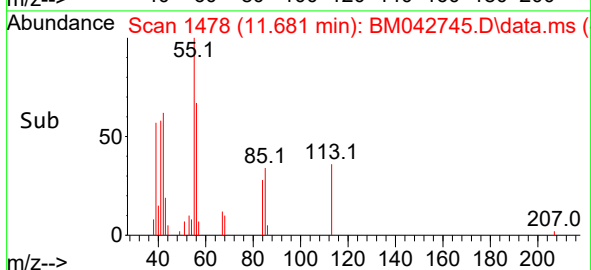
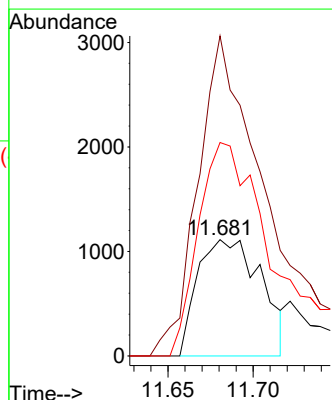
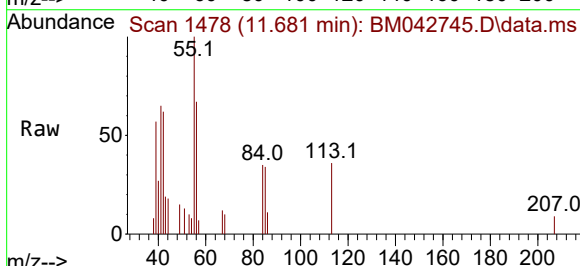
Tgt Ion:113 Resp: 2894

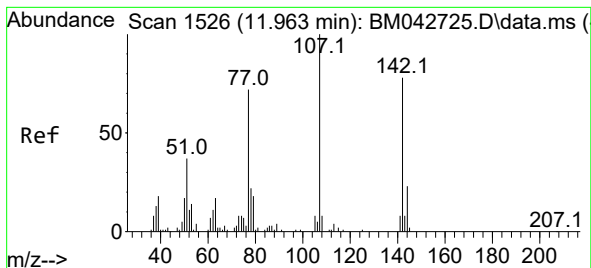
Ion Ratio Lower Upper

113 100

55 275.1 184.2 276.2

56 183.6 134.3 201.5

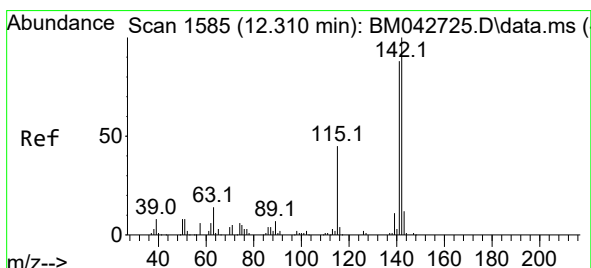
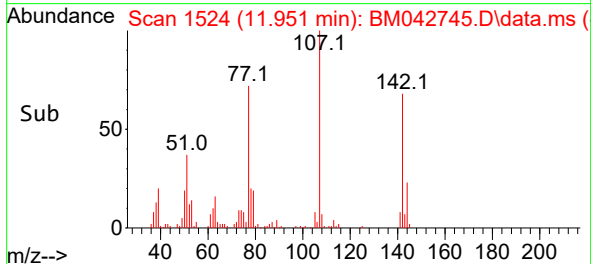
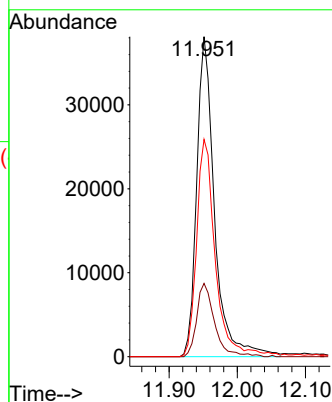
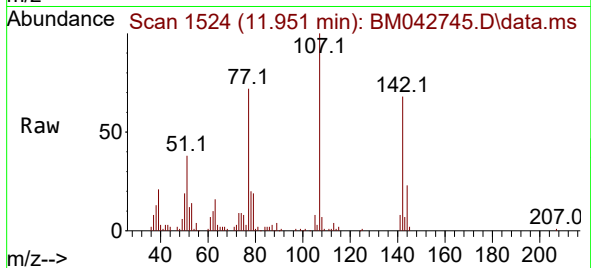




#35
4-Chloro-3-methylphenol
Concen: 43.123 ng/ul
RT: 11.951 min Scan# 1524
Delta R.T. -0.006 min
Lab File: BM042745.D
Acq: 14 Nov 2023 21:59

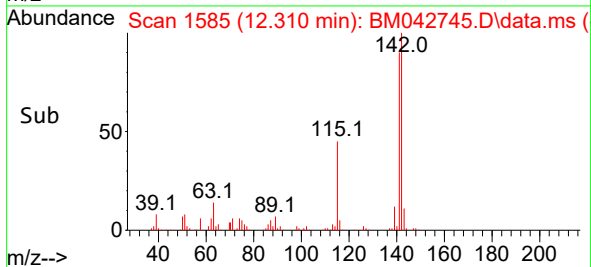
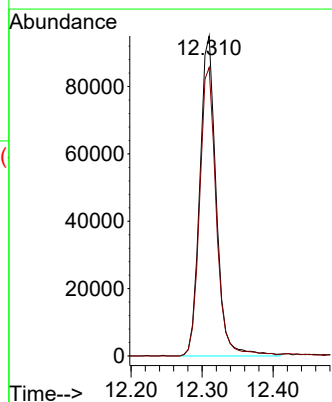
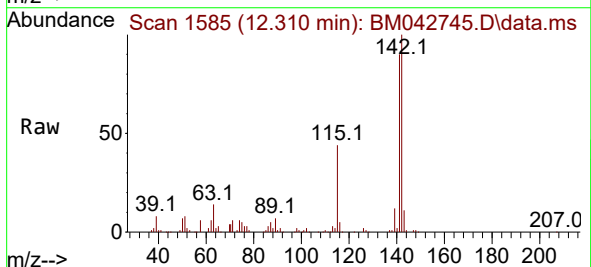
Instrument :
BNA_M
ClientSampleId :

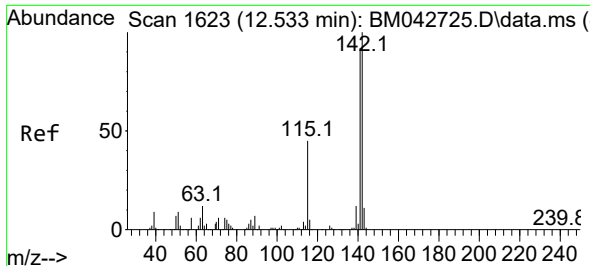
Tgt Ion:107 Resp: 69269
Ion Ratio Lower Upper
107 100
144 22.9 18.3 27.5
142 67.9 56.3 84.5



#36
2-Methylnaphthalene
Concen: 43.895 ng/ul
RT: 12.310 min Scan# 1585
Delta R.T. -0.006 min
Lab File: BM042745.D
Acq: 14 Nov 2023 21:59

Tgt Ion:142 Resp: 153019
Ion Ratio Lower Upper
142 100
141 90.1 73.6 110.4

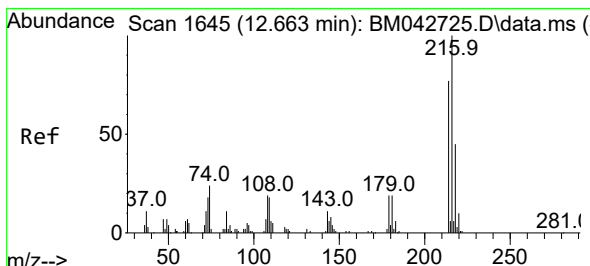
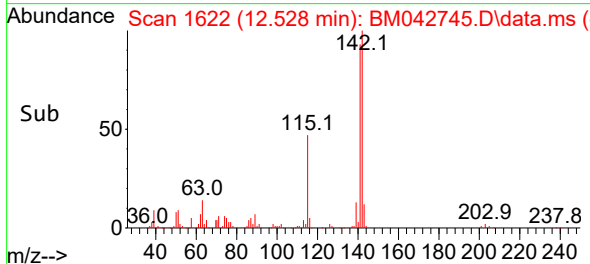
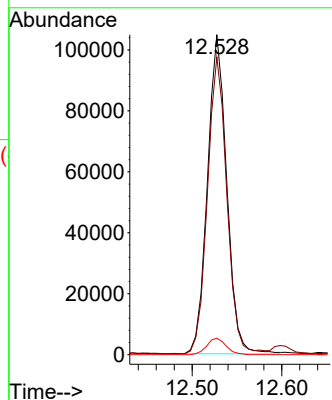
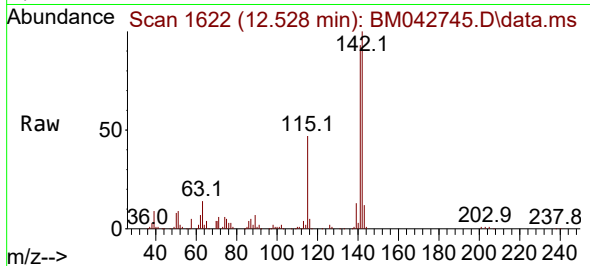




#37
1-Methylnaphthalene
Concen: 42.792 ng/ul
RT: 12.528 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM042745.D
Acq: 14 Nov 2023 21:59

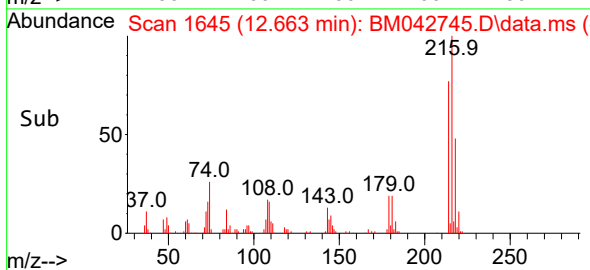
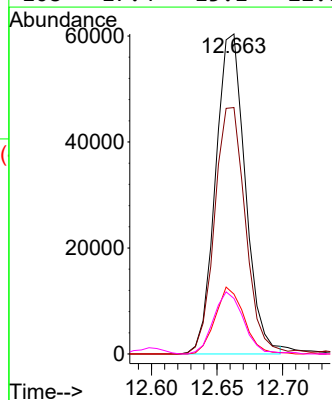
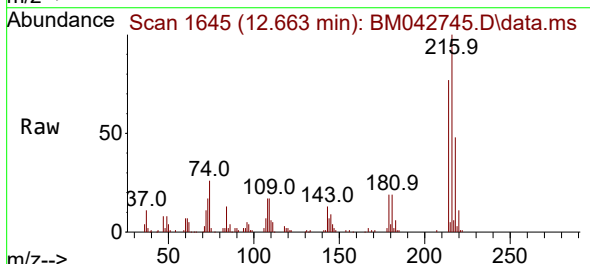
Instrument :
BNA_M
ClientSampleId :

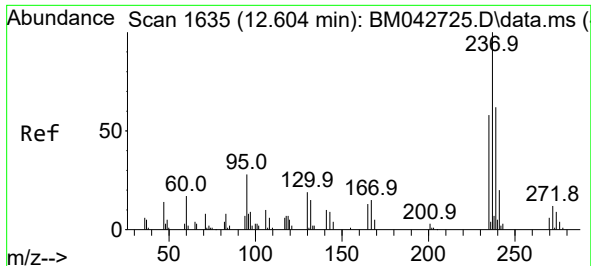
Tgt Ion:142 Resp: 156840
Ion Ratio Lower Upper
142 100
141 93.0 73.3 109.9
116 5.2 3.9 5.9



#39
1,2,4,5-Tetrachlorobenzene
Concen: 44.139 ng/ul
RT: 12.663 min Scan# 1645
Delta R.T. -0.006 min
Lab File: BM042745.D
Acq: 14 Nov 2023 21:59

Tgt Ion:216 Resp: 95383
Ion Ratio Lower Upper
216 100
214 77.0 64.1 96.1
179 18.7 15.5 23.3
108 17.4 15.1 22.7

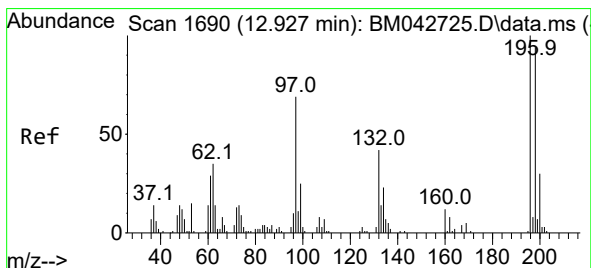
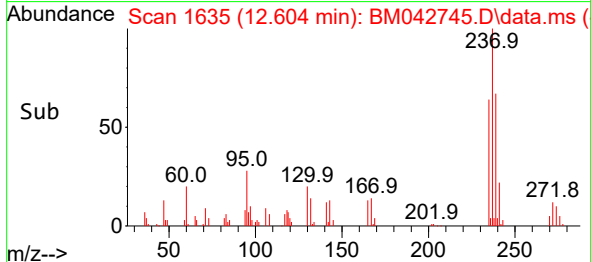
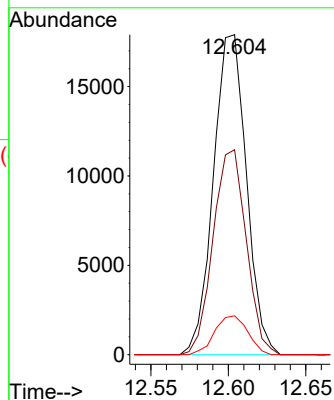
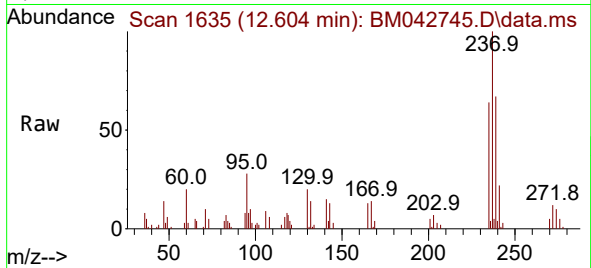




#40
Hexachlorocyclopentadiene
Concen: 25.938 ng/ul
RT: 12.604 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM042745.D
Acq: 14 Nov 2023 21:59

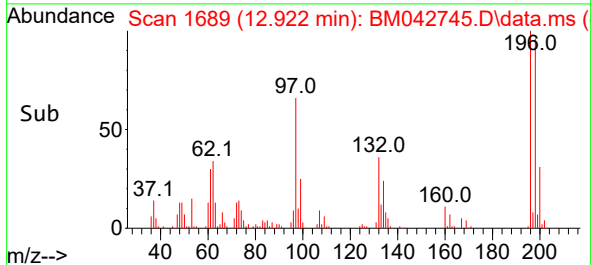
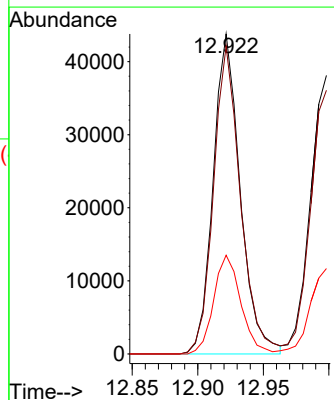
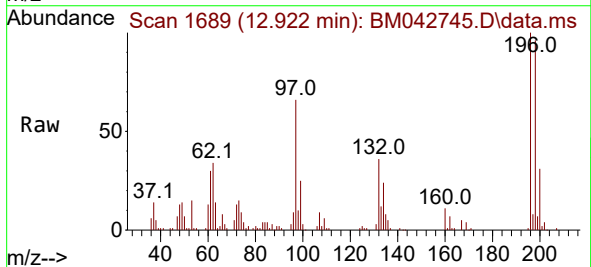
Instrument :
BNA_M
ClientSampleId :

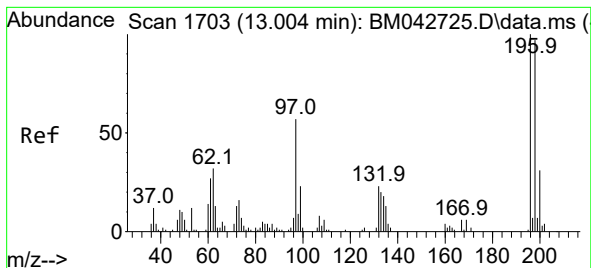
Tgt Ion:237 Resp: 26537
Ion Ratio Lower Upper
237 100
235 64.1 53.3 79.9
272 12.1 10.7 16.1



#41
2,4,6-Trichlorophenol
Concen: 47.591 ng/ul
RT: 12.922 min Scan# 1689
Delta R.T. -0.006 min
Lab File: BM042745.D
Acq: 14 Nov 2023 21:59

Tgt Ion:196 Resp: 62819
Ion Ratio Lower Upper
196 100
198 96.2 81.0 121.4
200 30.8 24.1 36.1





#42

2,4,5-Trichlorophenol

Concen: 48.274 ng/ul

RT: 12.998 min Scan# 1

Delta R.T. -0.006 min

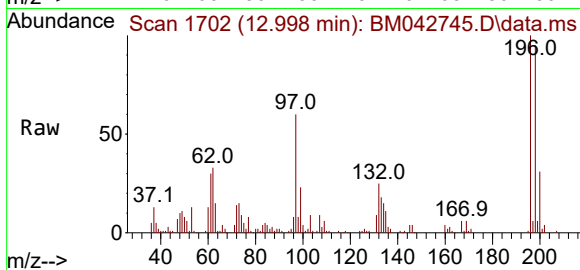
Lab File: BM042745.D

Acq: 14 Nov 2023 21:59

Instrument :

BNA_M

ClientSampleId :



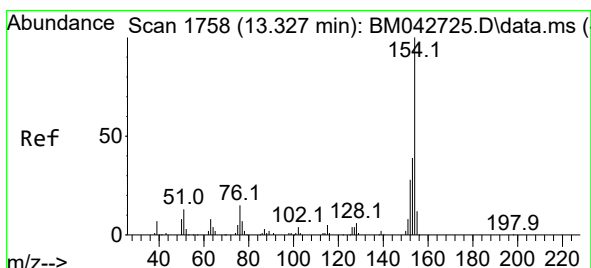
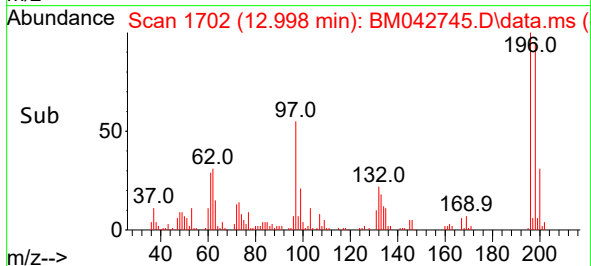
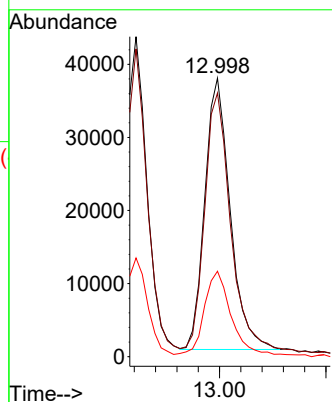
Tgt Ion:196 Resp: 61529

Ion Ratio Lower Upper

196 100

198 94.6 77.4 116.0

200 30.6 26.2 39.4



#43

1,1'-Biphenyl

Concen: 46.913 ng/ul

RT: 13.322 min Scan# 1757

Delta R.T. -0.012 min

Lab File: BM042745.D

Acq: 14 Nov 2023 21:59

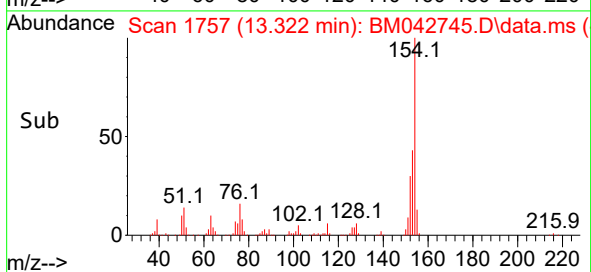
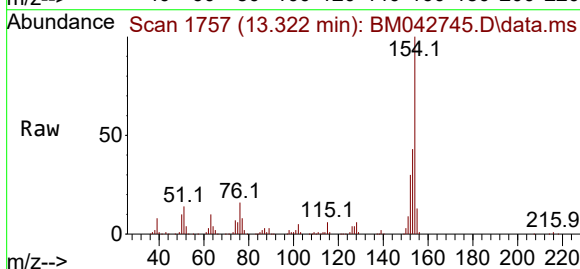
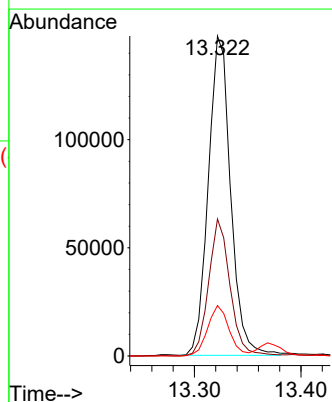
Tgt Ion:154 Resp: 215577

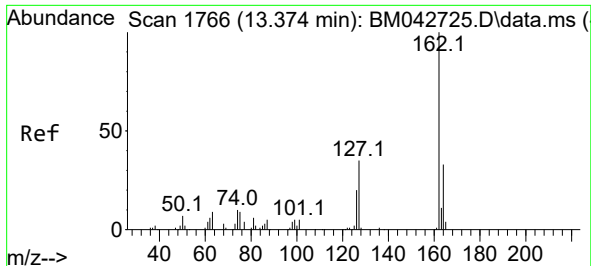
Ion Ratio Lower Upper

154 100

153 42.8 32.4 48.6

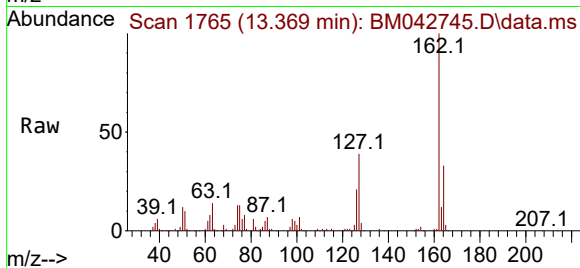
76 15.8 10.7 16.1



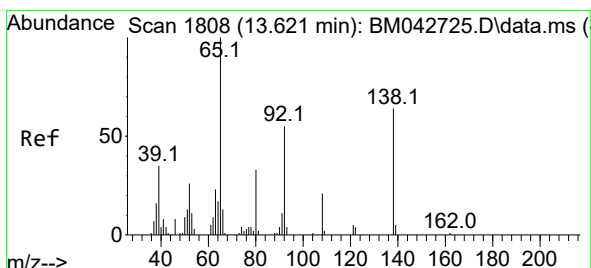
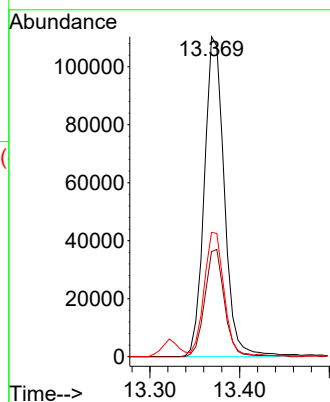
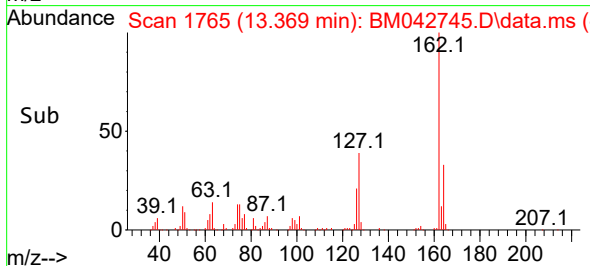


#44
2-Chloronaphthalene
Concen: 46.258 ng/ul
RT: 13.369 min Scan# 1765
Delta R.T. -0.012 min
Lab File: BM042745.D
Acq: 14 Nov 2023 21:59

Instrument :
BNA_M
ClientSampleId :

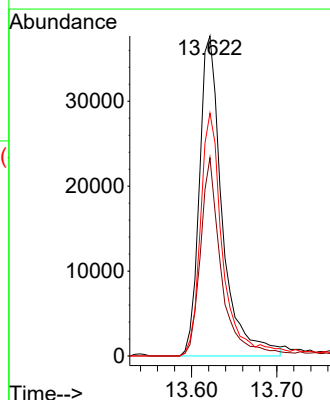
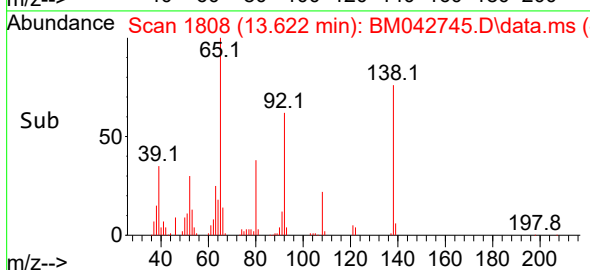
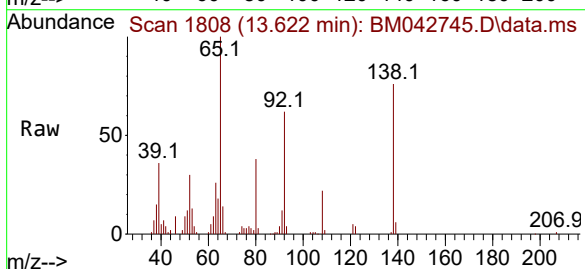


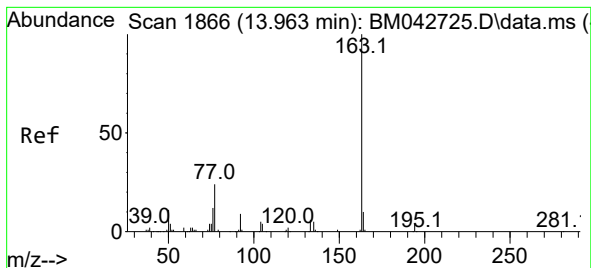
Tgt Ion:162 Resp: 171005
Ion Ratio Lower Upper
162 100
164 32.9 24.2 36.2
127 38.8 30.8 46.2



#45
2-Nitroaniline
Concen: 58.249 ng/ul
RT: 13.622 min Scan# 1808
Delta R.T. -0.006 min
Lab File: BM042745.D
Acq: 14 Nov 2023 21:59

Tgt Ion: 65 Resp: 70226
Ion Ratio Lower Upper
65 100
92 61.9 49.1 73.7
138 75.9 61.8 92.8





#47

Dimethylphthalate

Concen: 50.466 ng/ul

RT: 13.957 min Scan# 1865

Delta R.T. -0.006 min

Lab File: BM042745.D

Acq: 14 Nov 2023 21:59

Instrument :

BNA_M

ClientSampleId :

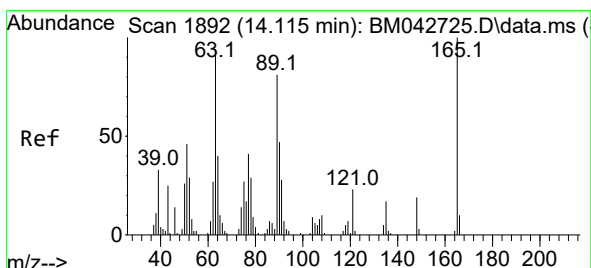
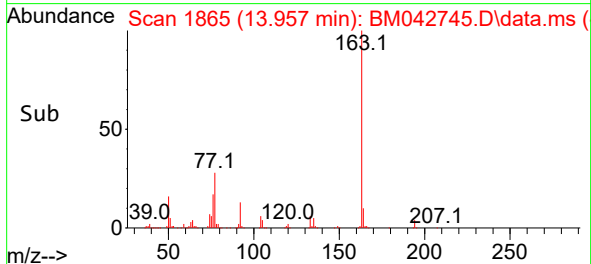
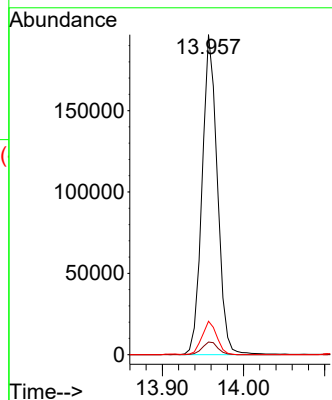
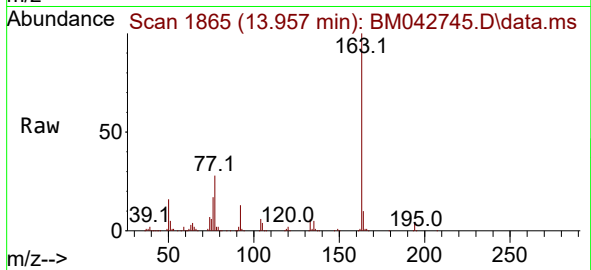
Tgt Ion:163 Resp: 256333

Ion Ratio Lower Upper

163 100

194 3.9 3.2 4.8

164 10.4 7.9 11.9



#48

2,6-Dinitrotoluene

Concen: 51.373 ng/ul

RT: 14.110 min Scan# 1891

Delta R.T. -0.006 min

Lab File: BM042745.D

Acq: 14 Nov 2023 21:59

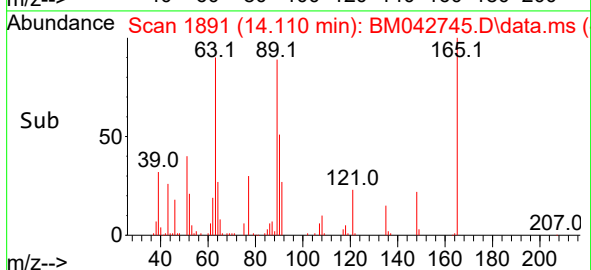
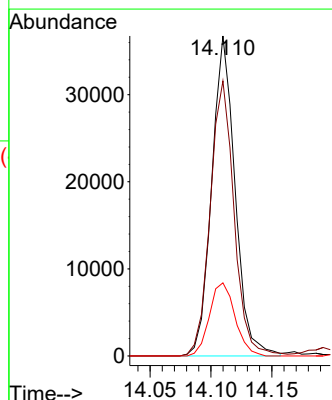
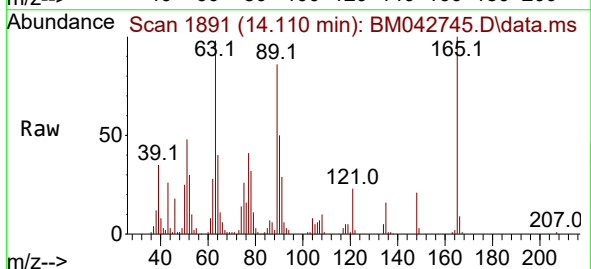
Tgt Ion:165 Resp: 49023

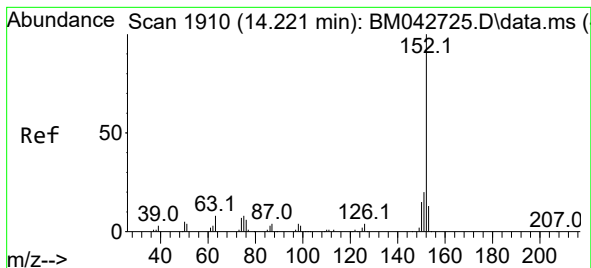
Ion Ratio Lower Upper

165 100

89 86.0 64.1 96.1

121 22.9 18.4 27.6





#50

Acenaphthylene

Concen: 48.051 ng/ul

RT: 14.216 min Scan# 1909

Delta R.T. -0.012 min

Lab File: BM042745.D

Acq: 14 Nov 2023 21:59

Instrument :

BNA_M

ClientSampleId :

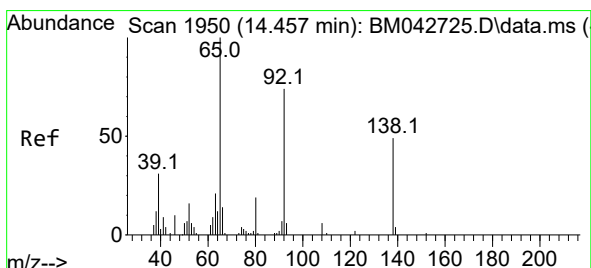
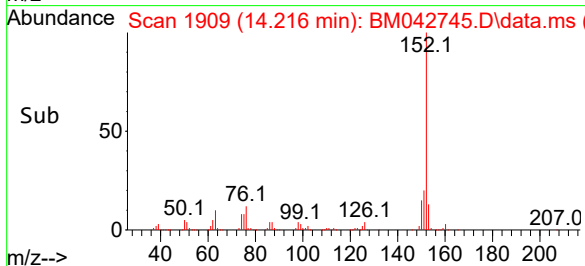
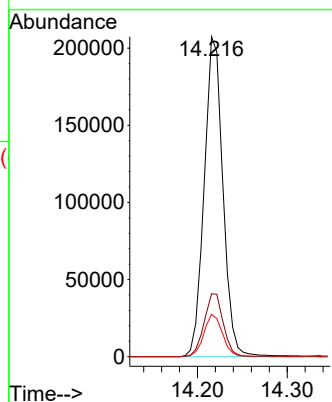
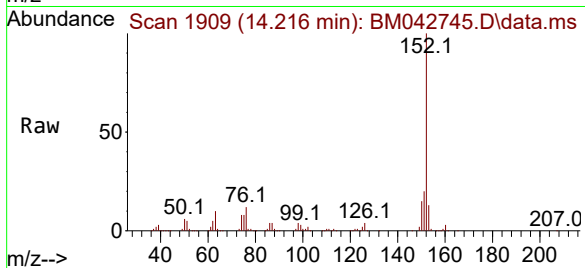
Tgt Ion:152 Resp: 300425

Ion Ratio Lower Upper

152 100

151 19.7 16.0 24.0

153 13.2 10.5 15.7



#51

3-Nitroaniline

Concen: 45.511 ng/ul

RT: 14.451 min Scan# 1949

Delta R.T. -0.006 min

Lab File: BM042745.D

Acq: 14 Nov 2023 21:59

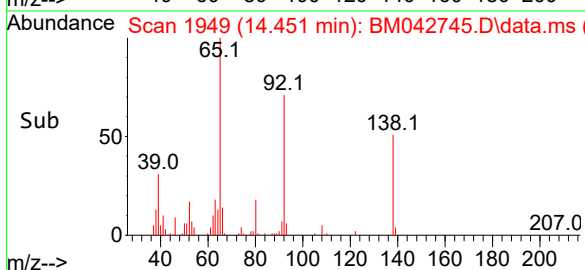
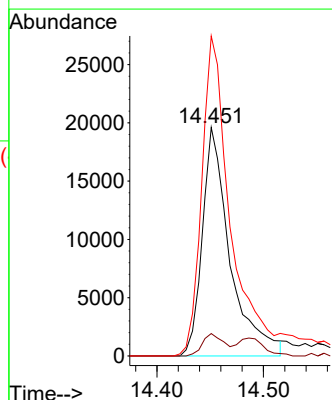
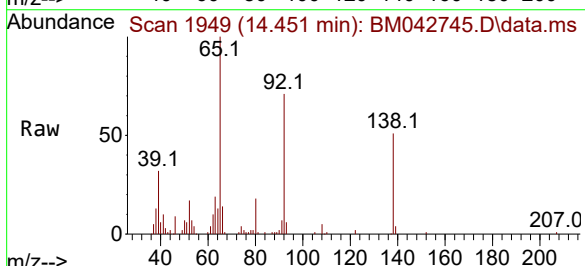
Tgt Ion:138 Resp: 35513

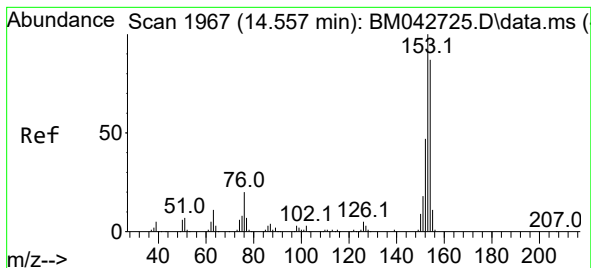
Ion Ratio Lower Upper

138 100

108 9.8 8.7 13.1

92 140.0 109.4 164.0





#52

Acenaphthene

Concen: 48.286 ng/ul

RT: 14.551 min Scan# 1966

Delta R.T. -0.012 min

Lab File: BM042745.D

Acq: 14 Nov 2023 21:59

Instrument :

BNA_M

ClientSampleId :

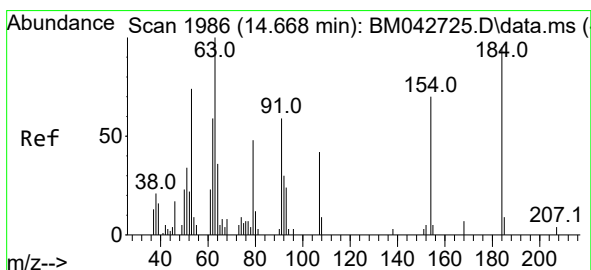
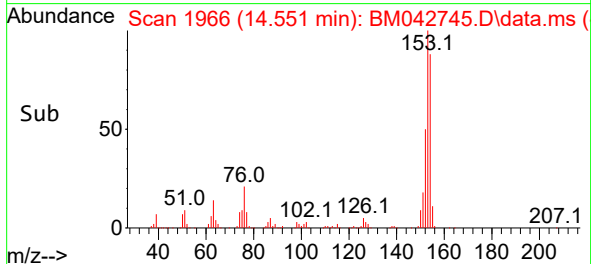
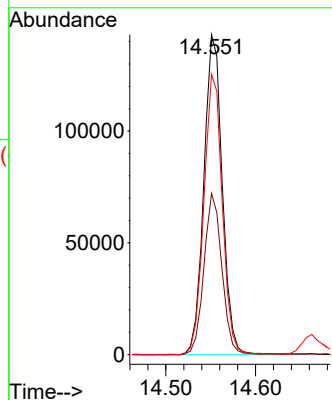
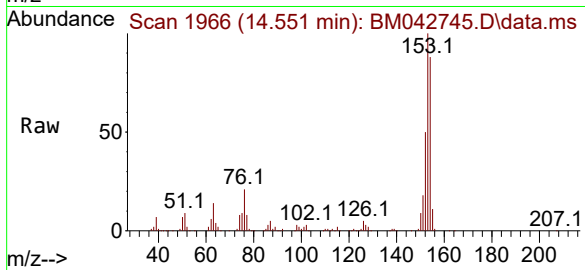
Tgt Ion:153 Resp: 204170

Ion Ratio Lower Upper

153 100

152 50.4 38.2 57.2

154 87.6 71.3 106.9



#53

2,4-Dinitrophenol

Concen: 44.803 ng/ul

RT: 14.663 min Scan# 1985

Delta R.T. -0.006 min

Lab File: BM042745.D

Acq: 14 Nov 2023 21:59

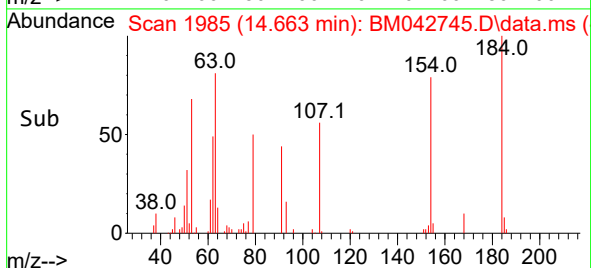
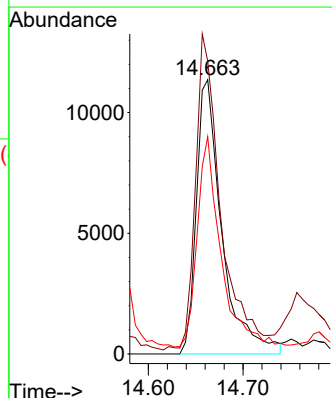
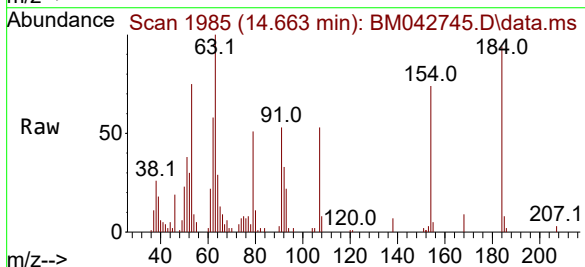
Tgt Ion:184 Resp: 21258

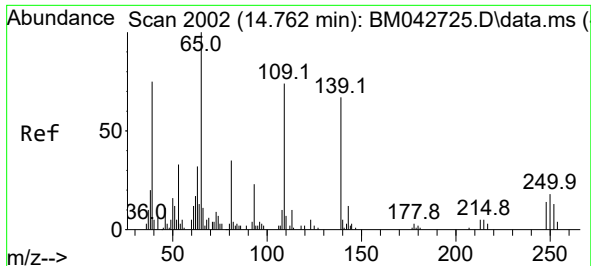
Ion Ratio Lower Upper

184 100

63 106.7 79.1 118.7

154 79.2 65.7 98.5

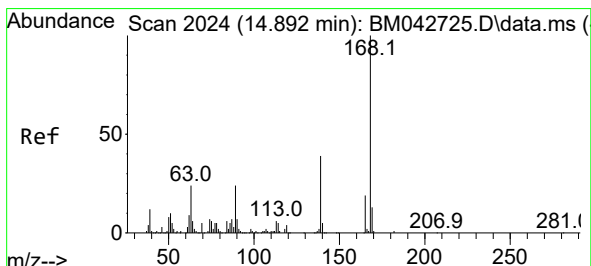
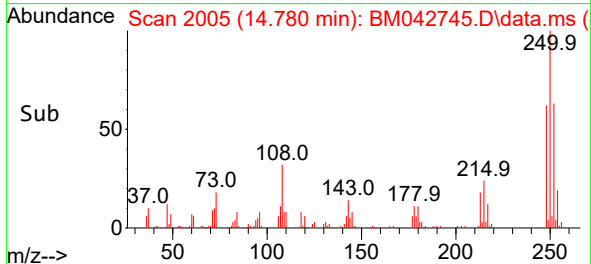
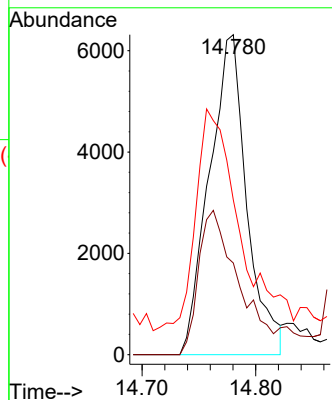
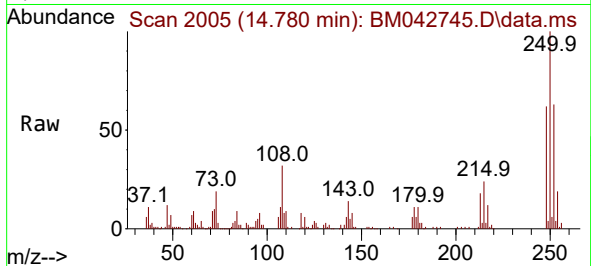




#55
4-Nitrophenol
Concen: 15.619 ng/ul
RT: 14.780 min Scan# 2005
Delta R.T. 0.024 min
Lab File: BM042745.D
Acq: 14 Nov 2023 21:59

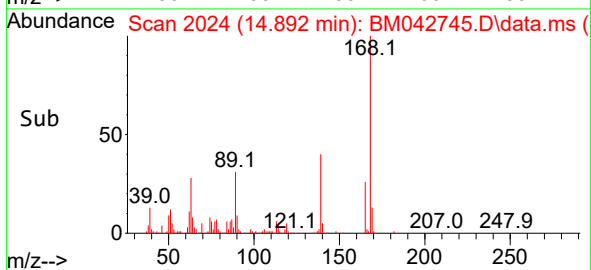
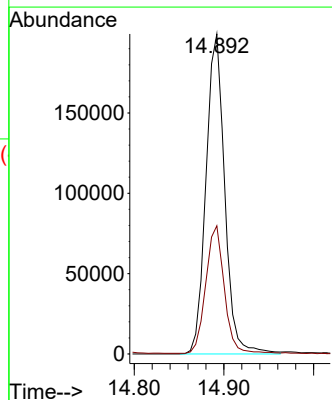
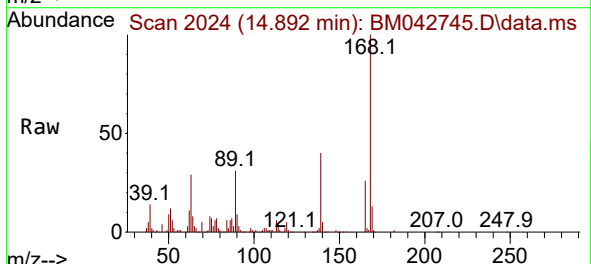
Instrument :
BNA_M
ClientSampleId :

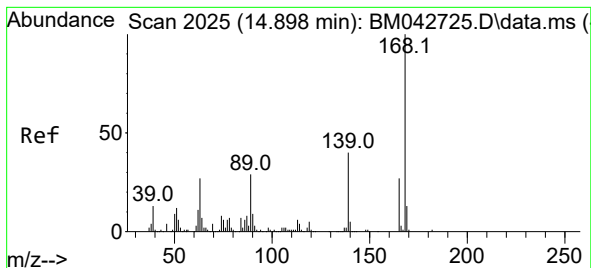
Tgt Ion:109 Resp: 14481
Ion Ratio Lower Upper
109 100
139 28.7 67.1 100.7#
65 48.3 107.1 160.7#



#56
Dibenzofuran
Concen: 49.187 ng/ul
RT: 14.892 min Scan# 2024
Delta R.T. -0.006 min
Lab File: BM042745.D
Acq: 14 Nov 2023 21:59

Tgt Ion:168 Resp: 288668
Ion Ratio Lower Upper
168 100
139 40.0 30.8 46.2





#57

2,4-Dinitrotoluene

Concen: 53.324 ng/ul

RT: 14.892 min Scan# 20

Delta R.T. -0.006 min

Lab File: BM042745.D

Acq: 14 Nov 2023 21:59

Instrument :

BNA_M

ClientSampleId :

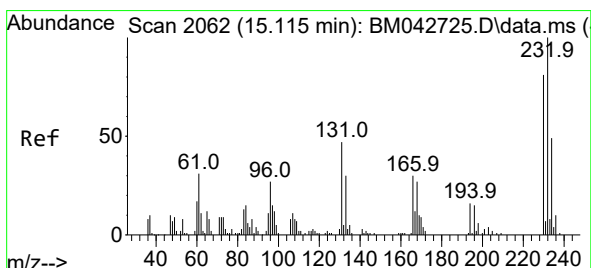
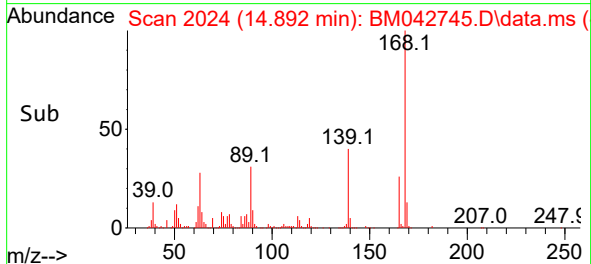
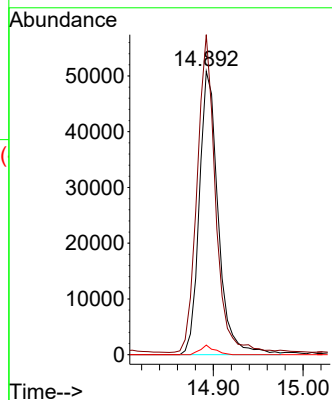
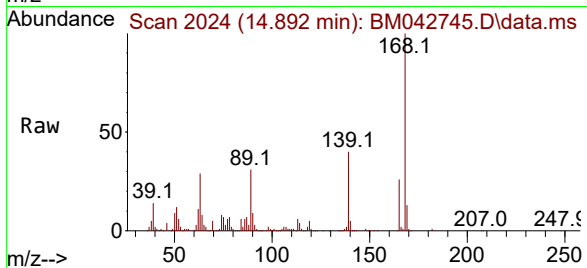
Tgt Ion:165 Resp: 74704

Ion Ratio Lower Upper

165 100

63 112.9 83.5 125.3

182 3.4 2.4 3.6



#58

2,3,4,6-Tetrachlorophenol

Concen: 49.335 ng/ul

RT: 15.110 min Scan# 2061

Delta R.T. -0.006 min

Lab File: BM042745.D

Acq: 14 Nov 2023 21:59

Tgt Ion:232 Resp: 65273

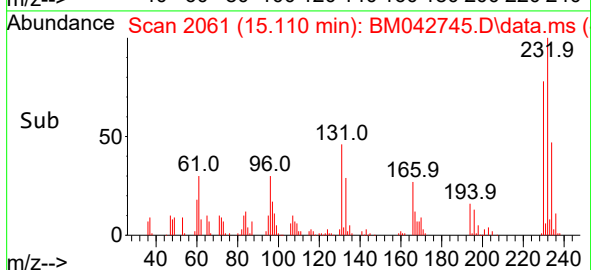
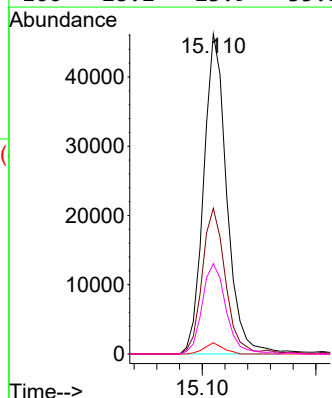
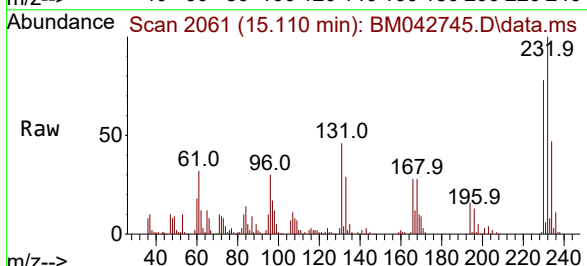
Ion Ratio Lower Upper

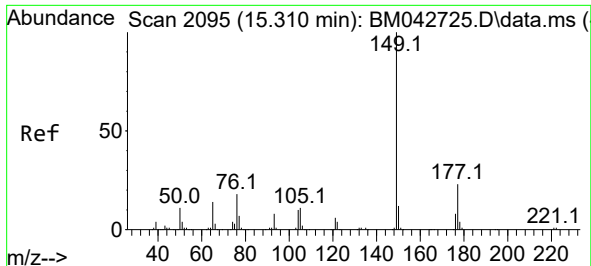
232 100

131 45.5 38.9 58.3

130 3.5 1.9 2.9#

166 28.2 23.9 35.9

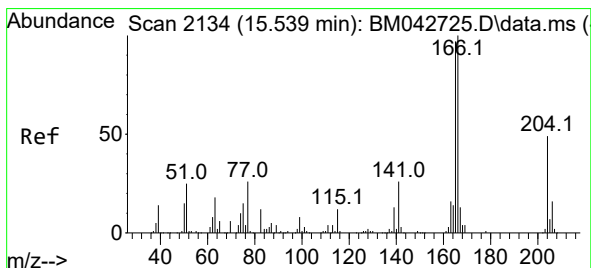
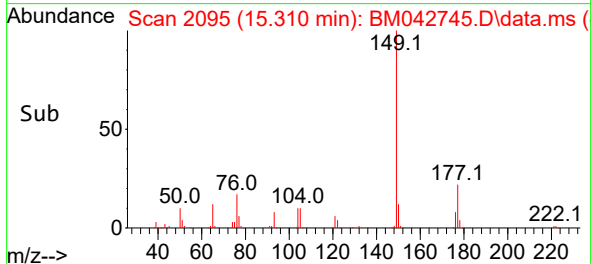
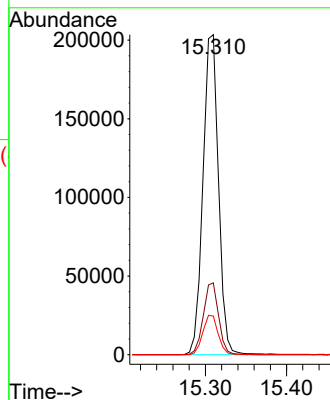
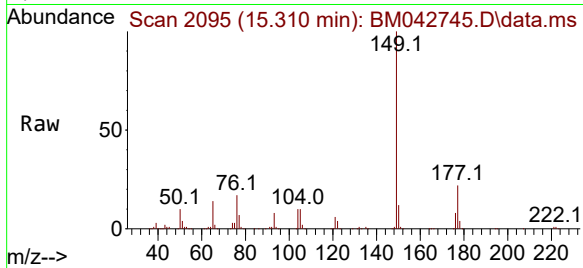




#59
Diethylphthalate
Concen: 50.674 ng/ul
RT: 15.310 min Scan# 2095
Delta R.T. -0.006 min
Lab File: BM042745.D
Acq: 14 Nov 2023 21:59

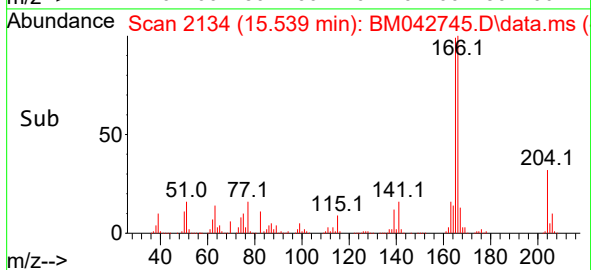
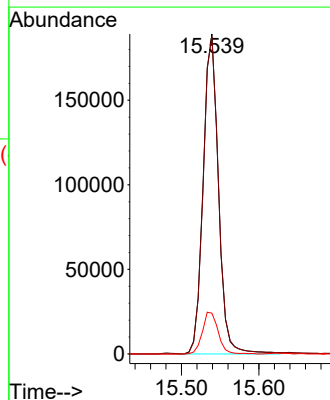
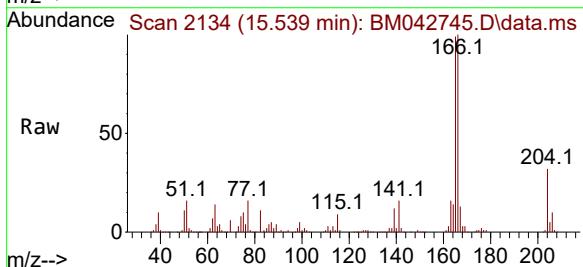
Instrument :
BNA_M
ClientSampleId :

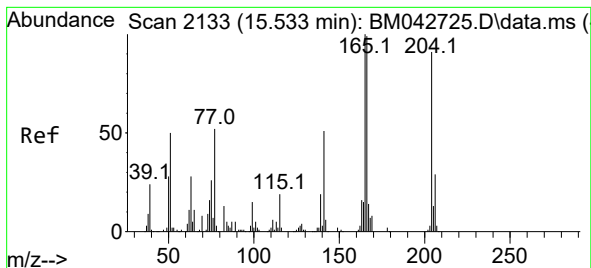
Tgt Ion:149 Resp: 269901
Ion Ratio Lower Upper
149 100
177 22.5 17.0 25.6
150 12.0 9.7 14.5



#61
Fluorene
Concen: 52.051 ng/ul
RT: 15.539 min Scan# 2134
Delta R.T. -0.006 min
Lab File: BM042745.D
Acq: 14 Nov 2023 21:59

Tgt Ion:166 Resp: 259355
Ion Ratio Lower Upper
166 100
165 99.2 79.3 118.9
167 12.7 10.6 15.8

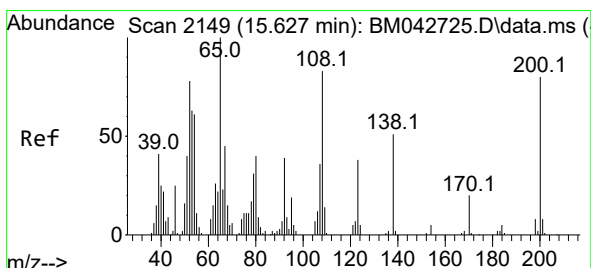
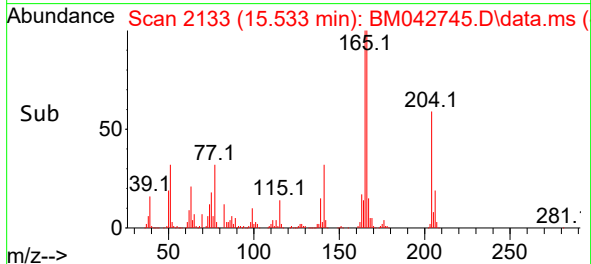
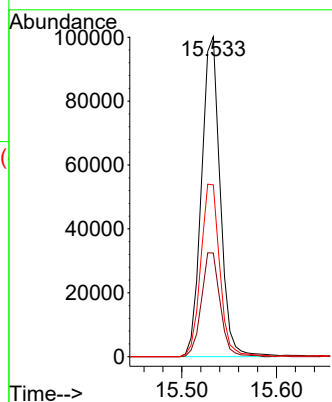
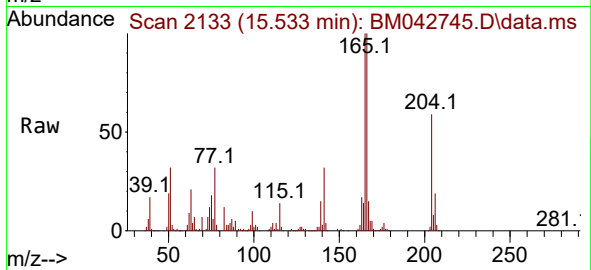




#62
4-Chlorophenyl-phenylether
Concen: 51.262 ng/ul
RT: 15.533 min Scan# 2133
Delta R.T. -0.006 min
Lab File: BM042745.D
Acq: 14 Nov 2023 21:59

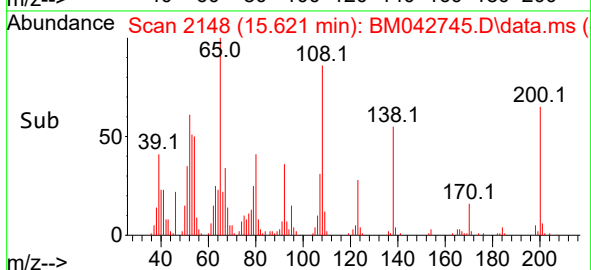
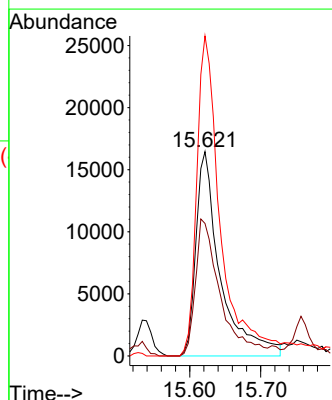
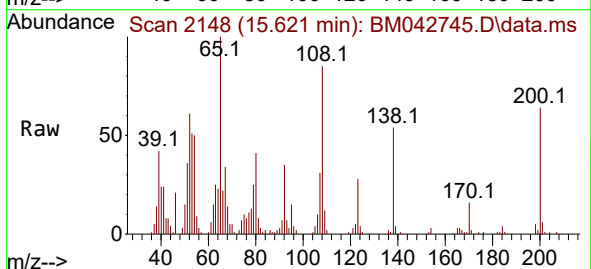
Instrument :
BNA_M
ClientSampleId :

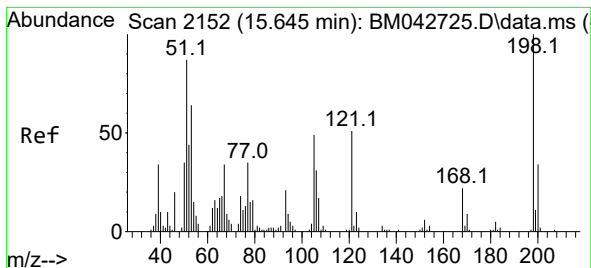
Tgt Ion:204 Resp: 137655
Ion Ratio Lower Upper
204 100
206 32.4 27.0 40.4
141 53.7 46.0 69.0



#63
4-Nitroaniline
Concen: 55.274 ng/ul
RT: 15.621 min Scan# 2148
Delta R.T. -0.006 min
Lab File: BM042745.D
Acq: 14 Nov 2023 21:59

Tgt Ion:138 Resp: 39321
Ion Ratio Lower Upper
138 100
92 64.9 47.4 71.0
108 156.7 129.5 194.3

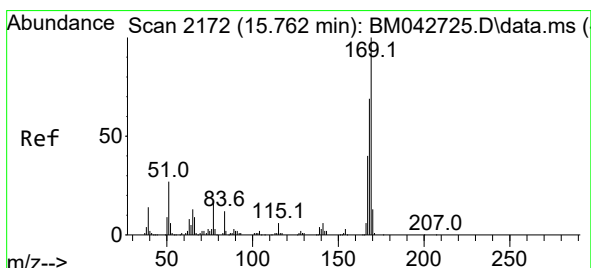
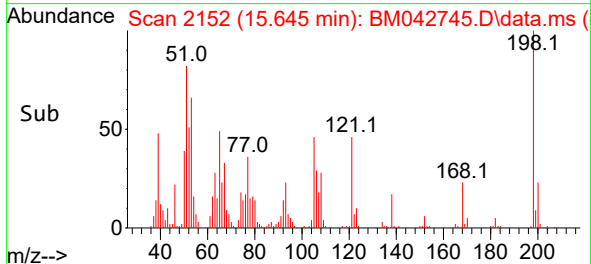
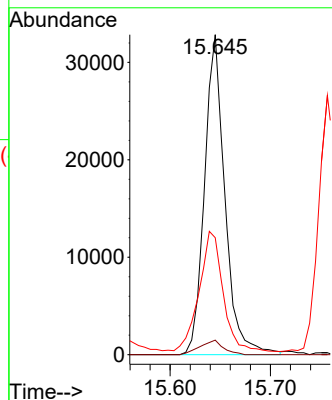
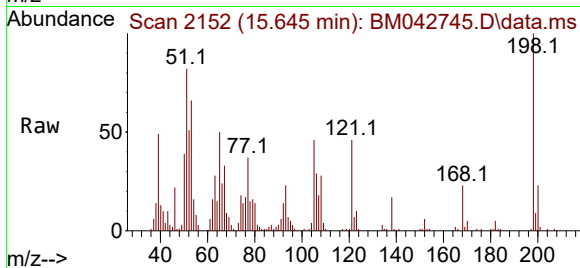




#66
 4,6-Dinitro-2-methylphenol
 Concen: 50.260 ng/ul
 RT: 15.645 min Scan# 2152
 Delta R.T. -0.006 min
 Lab File: BM042745.D
 Acq: 14 Nov 2023 21:59

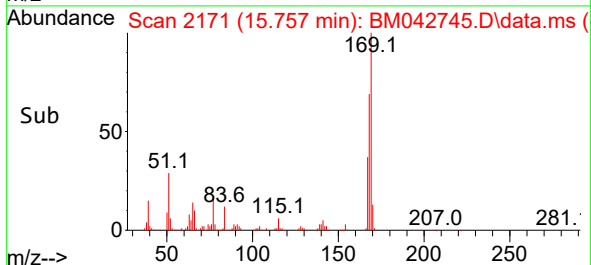
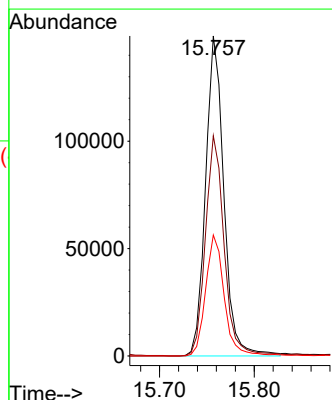
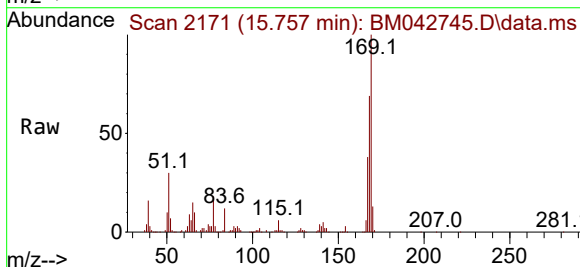
Instrument :
 BNA_M
 ClientSampleId :

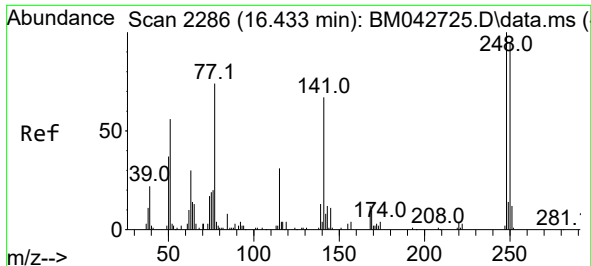
Tgt Ion:198 Resp: 46505
 Ion Ratio Lower Upper
 198 100
 182 4.6 3.4 5.0
 77 36.6 26.9 40.3



#67
 N-Nitrosodiphenylamine
 Concen: 53.196 ng/ul
 RT: 15.757 min Scan# 2171
 Delta R.T. -0.006 min
 Lab File: BM042745.D
 Acq: 14 Nov 2023 21:59

Tgt Ion:169 Resp: 200187
 Ion Ratio Lower Upper
 169 100
 168 68.8 55.8 83.6
 167 37.8 31.4 47.2

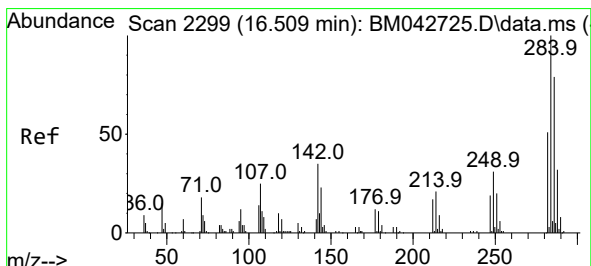
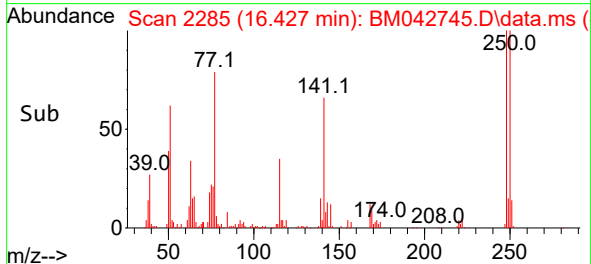
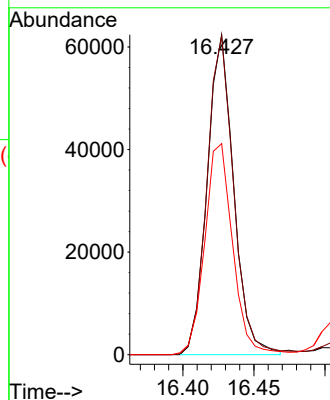
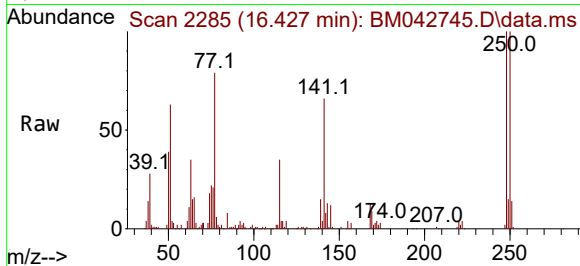




#68
4-Bromophenyl-phenylether
Concen: 50.776 ng/ul
RT: 16.427 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM042745.D
Acq: 14 Nov 2023 21:59

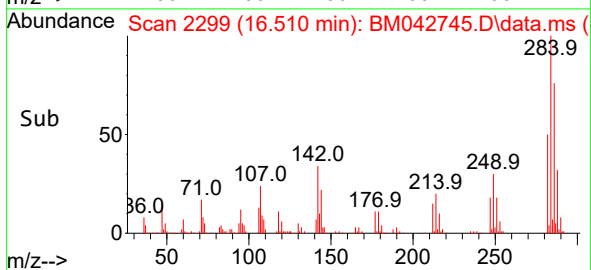
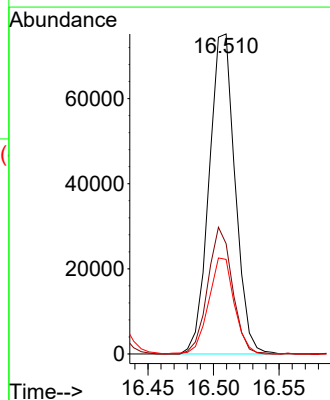
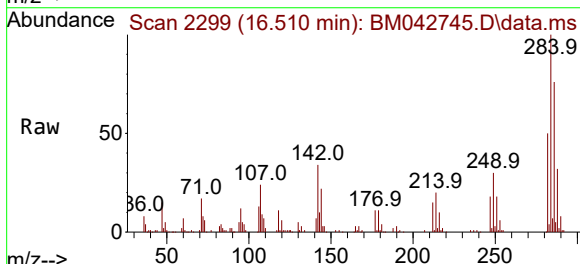
Instrument :
BNA_M
ClientSampleId :

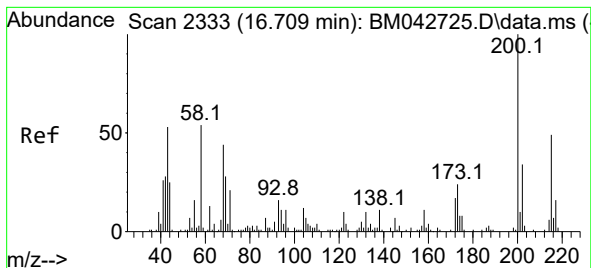
Tgt Ion:248 Resp: 81095
Ion Ratio Lower Upper
248 100
250 99.6 84.3 126.5
141 66.0 60.1 90.1



#69
Hexachlorobenzene
Concen: 53.044 ng/ul
RT: 16.510 min Scan# 2299
Delta R.T. -0.006 min
Lab File: BM042745.D
Acq: 14 Nov 2023 21:59

Tgt Ion:284 Resp: 103564
Ion Ratio Lower Upper
284 100
142 34.5 30.5 45.7
249 29.5 25.3 37.9





#70

Atrazine

Concen: 44.104 ng/ul

RT: 16.710 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM042745.D

Acq: 14 Nov 2023 21:59

Instrument :

BNA_M

ClientSampleId :

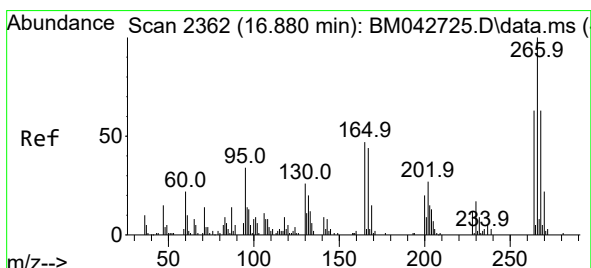
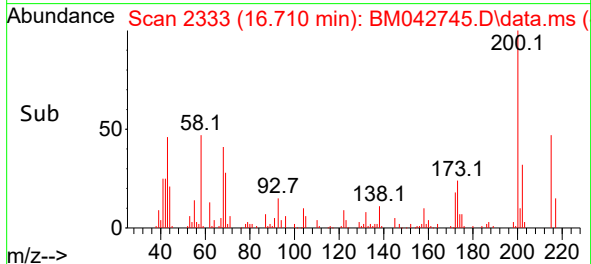
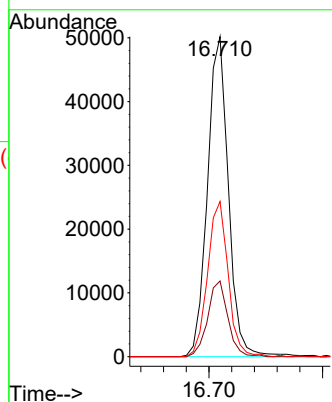
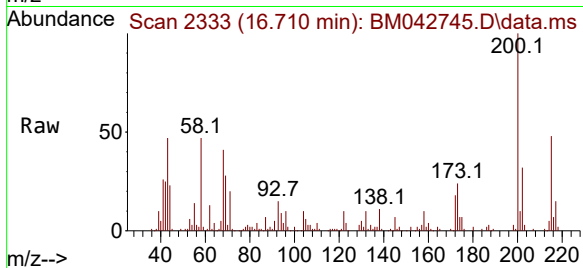
Tgt Ion:200 Resp: 63930

Ion Ratio Lower Upper

200 100

173 23.7 19.8 29.6

215 48.5 38.2 57.2



#71

Pentachlorophenol

Concen: 48.634 ng/ul

RT: 16.874 min Scan# 2361

Delta R.T. -0.012 min

Lab File: BM042745.D

Acq: 14 Nov 2023 21:59

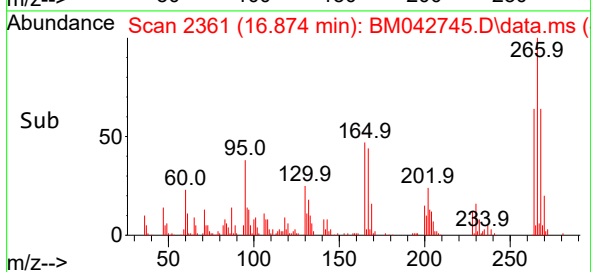
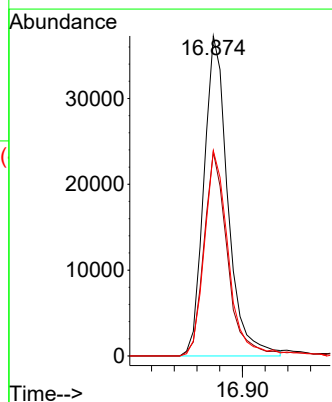
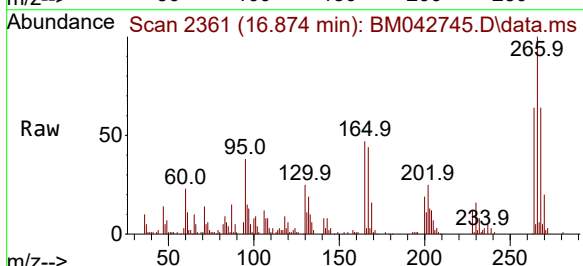
Tgt Ion:266 Resp: 54679

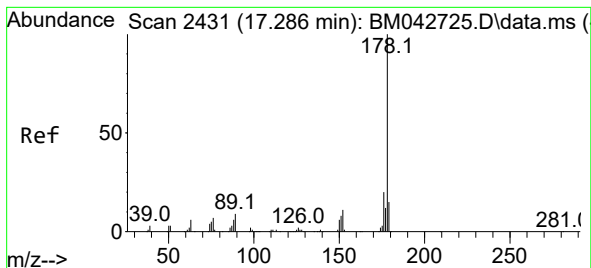
Ion Ratio Lower Upper

266 100

264 63.8 50.3 75.5

268 64.1 52.1 78.1





#72

Phenanthrene

Concen: 54.160 ng/ul

RT: 17.286 min Scan# 2431

Delta R.T. -0.006 min

Lab File: BM042745.D

Acq: 14 Nov 2023 21:59

Instrument :

BNA_M

ClientSampleId :

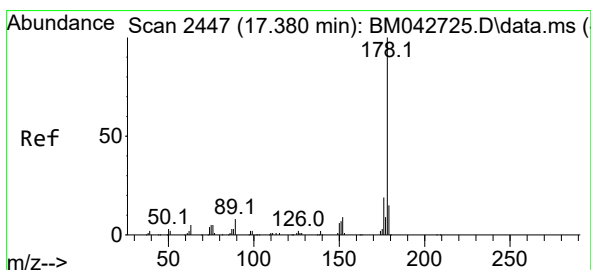
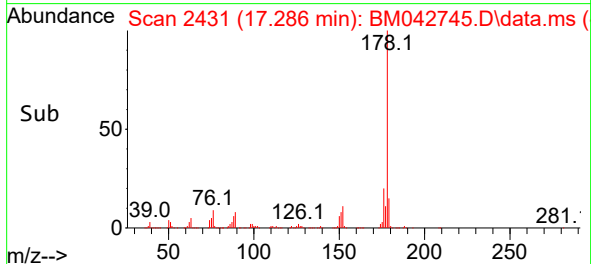
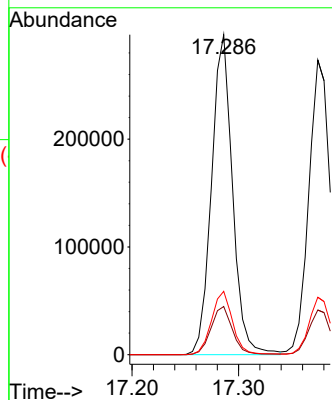
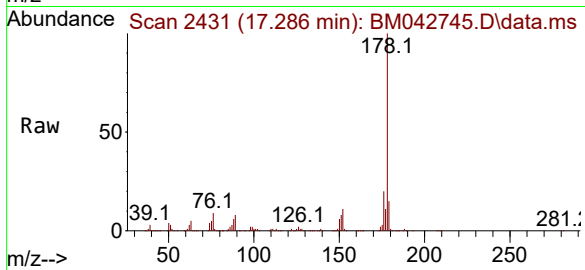
Tgt Ion:178 Resp: 405970

Ion Ratio Lower Upper

178 100

179 15.1 11.4 17.2

176 19.8 15.5 23.3



#74

Anthracene

Concen: 52.100 ng/ul

RT: 17.374 min Scan# 2446

Delta R.T. -0.012 min

Lab File: BM042745.D

Acq: 14 Nov 2023 21:59

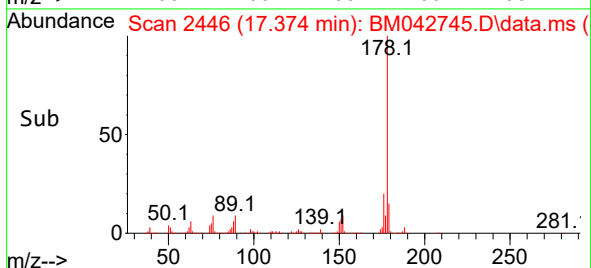
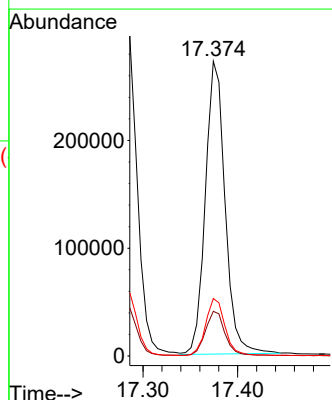
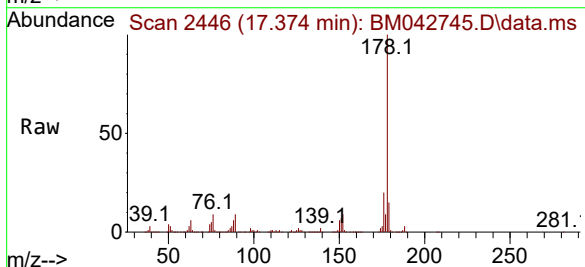
Tgt Ion:178 Resp: 392817

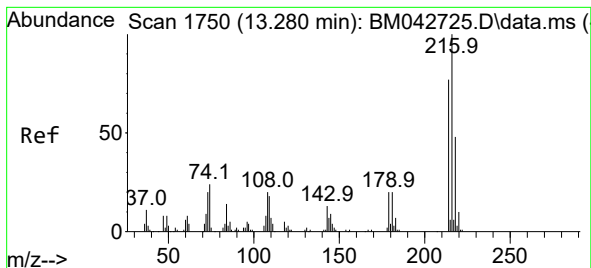
Ion Ratio Lower Upper

178 100

179 15.1 12.0 18.0

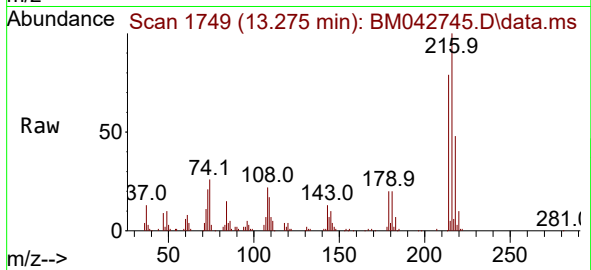
176 19.5 15.7 23.5



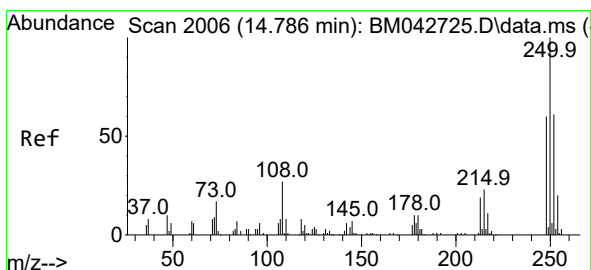
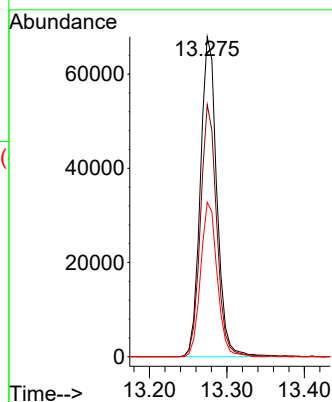
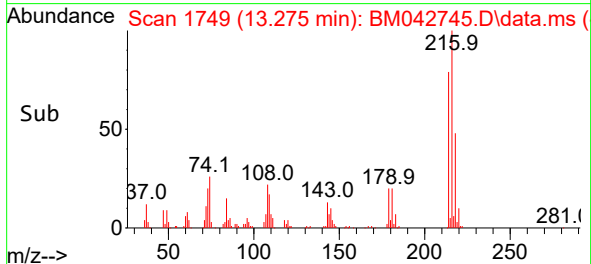


#75
1,2,3,4-Tetrachlorobenzene
Concen: 47.281 ng/uL
RT: 13.275 min Scan# 1
Delta R.T. -0.012 min
Lab File: BM042745.D
Acq: 14 Nov 2023 21:59

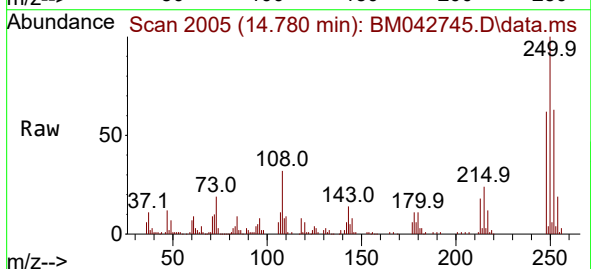
Instrument :
BNA_M
ClientSampleId :



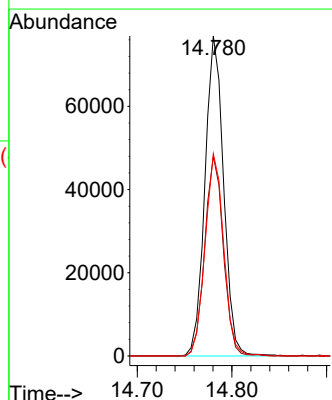
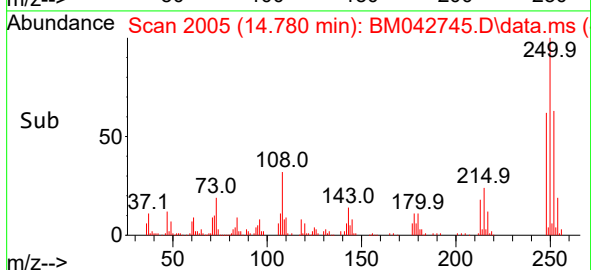
Tgt Ion:216 Resp: 100312
Ion Ratio Lower Upper
216 100
214 78.7 62.6 94.0
218 48.2 39.3 58.9

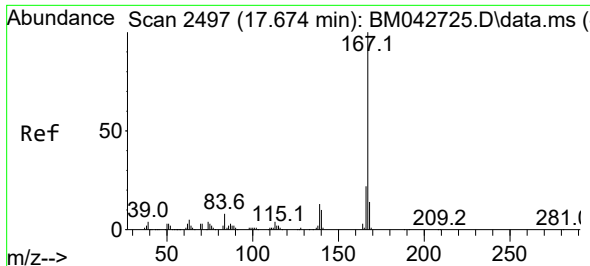


#76
Pentachlorobenzene
Concen: 47.121 ng/uL
RT: 14.780 min Scan# 2005
Delta R.T. -0.012 min
Lab File: BM042745.D
Acq: 14 Nov 2023 21:59



Tgt Ion:250 Resp: 104897
Ion Ratio Lower Upper
250 100
248 62.4 51.0 76.6
252 63.2 51.8 77.8

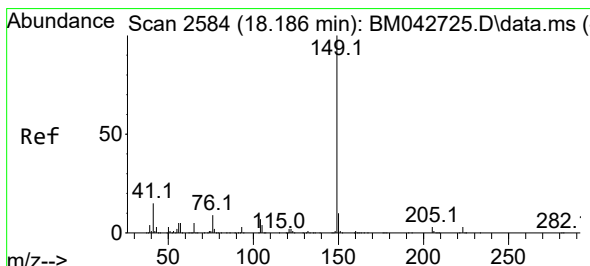
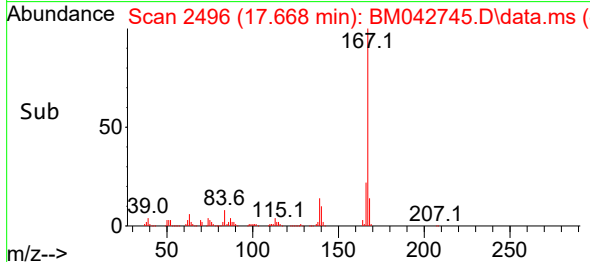
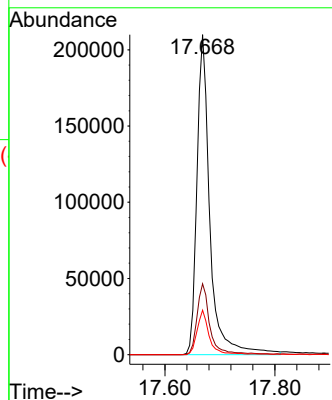
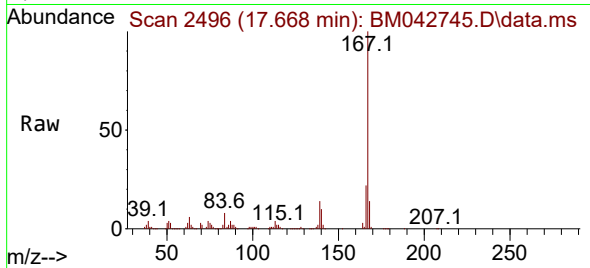




#77
 Carbazole
 Concen: 55.242 ng/ul
 RT: 17.668 min Scan# 2496
 Delta R.T. -0.006 min
 Lab File: BM042745.D
 Acq: 14 Nov 2023 21:59

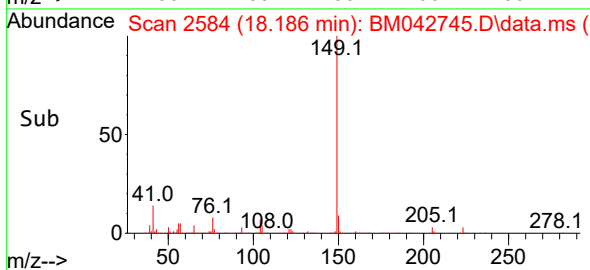
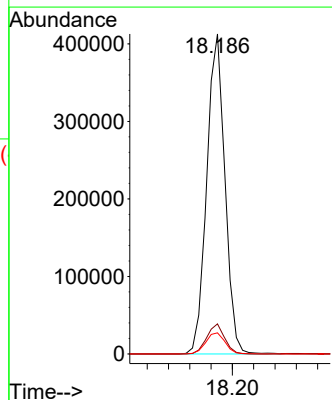
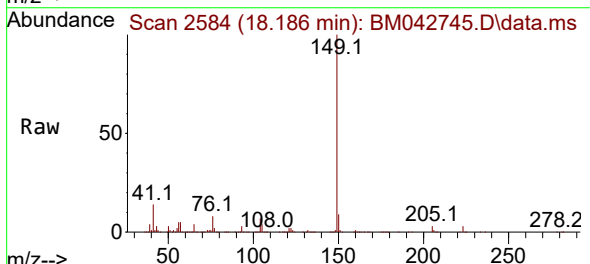
Instrument :
 BNA_M
 ClientSampleId :

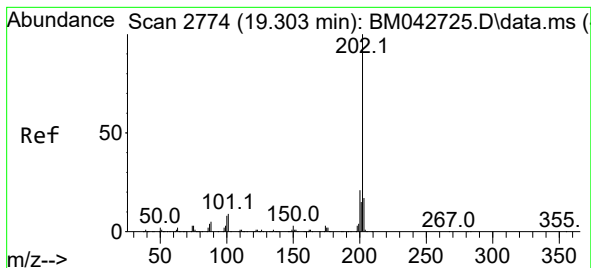
Tgt Ion:167 Resp: 343918
 Ion Ratio Lower Upper
 167 100
 166 22.2 17.2 25.8
 139 13.9 10.8 16.2



#78
 Di-n-butylphthalate
 Concen: 53.788 ng/ul
 RT: 18.186 min Scan# 2584
 Delta R.T. -0.006 min
 Lab File: BM042745.D
 Acq: 14 Nov 2023 21:59

Tgt Ion:149 Resp: 489667
 Ion Ratio Lower Upper
 149 100
 150 9.4 7.7 11.5
 104 6.6 5.3 7.9





#80

Fluoranthene

Concen: 54.746 ng/ul

RT: 19.298 min Scan# 21

Delta R.T. -0.012 min

Lab File: BM042745.D

Acq: 14 Nov 2023 21:59

Instrument :

BNA_M

ClientSampleId :

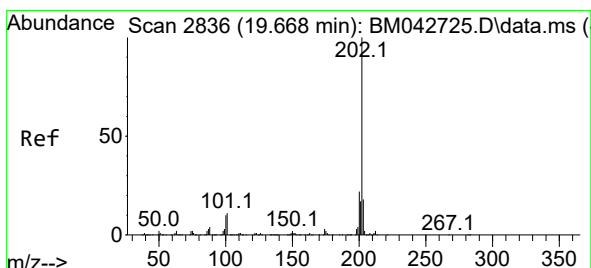
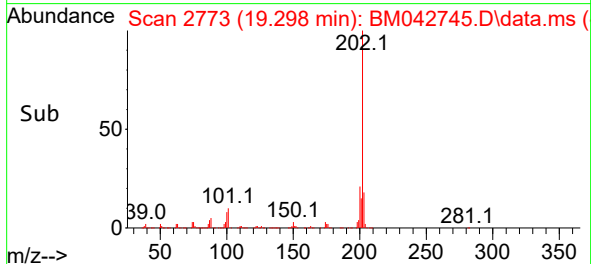
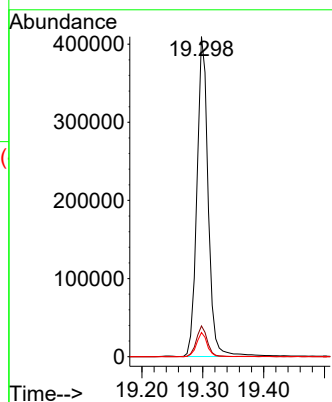
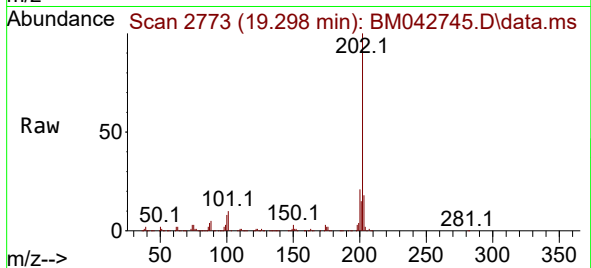
Tgt Ion:202 Resp: 525487

Ion Ratio Lower Upper

202 100

101 9.6 6.6 9.8

100 7.5 5.6 8.4



#82

Pyrene

Concen: 54.730 ng/ul

RT: 19.668 min Scan# 2836

Delta R.T. -0.006 min

Lab File: BM042745.D

Acq: 14 Nov 2023 21:59

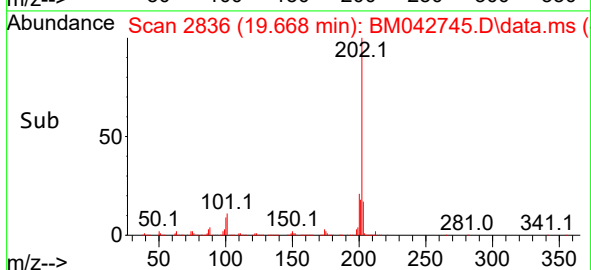
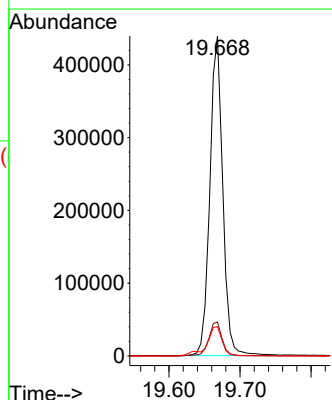
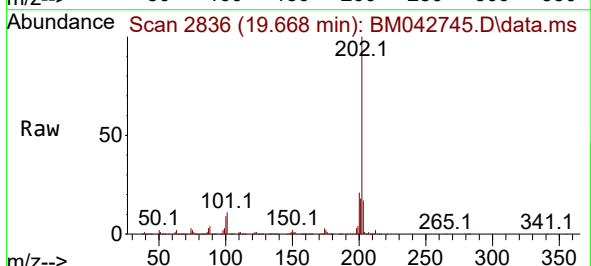
Tgt Ion:202 Resp: 557014

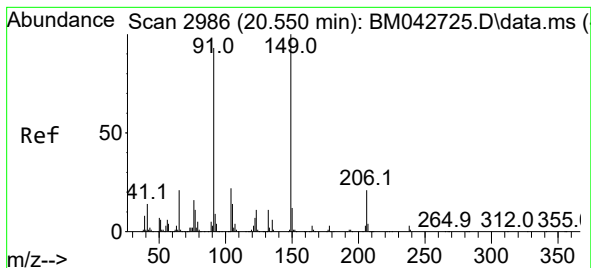
Ion Ratio Lower Upper

202 100

101 10.6 8.1 12.1

100 9.2 6.9 10.3





#83

Butylbenzylphthalate

Concen: 52.597 ng/ul

RT: 20.551 min Scan# 2986

Delta R.T. -0.006 min

Lab File: BM042745.D

Acq: 14 Nov 2023 21:59

Instrument :

BNA_M

ClientSampleId :

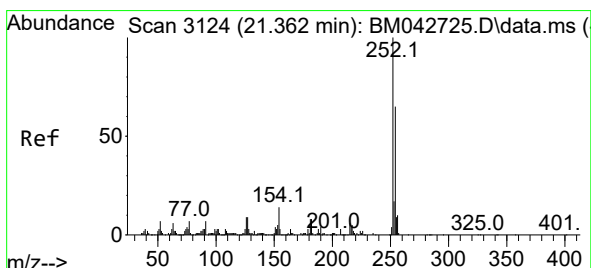
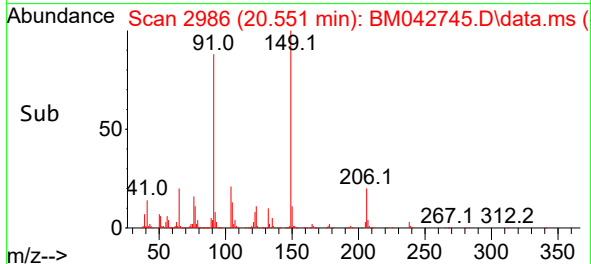
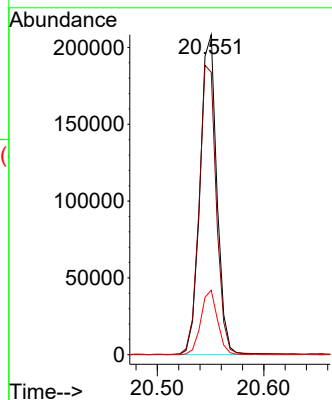
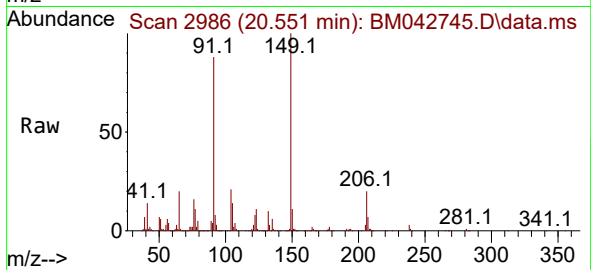
Tgt Ion:149 Resp: 228644

Ion Ratio Lower Upper

149 100

91 88.3 69.3 103.9

206 20.2 16.6 25.0



#84

3,3'-Dichlorobenzidine

Concen: 38.944 ng/ul

RT: 21.356 min Scan# 3123

Delta R.T. -0.006 min

Lab File: BM042745.D

Acq: 14 Nov 2023 21:59

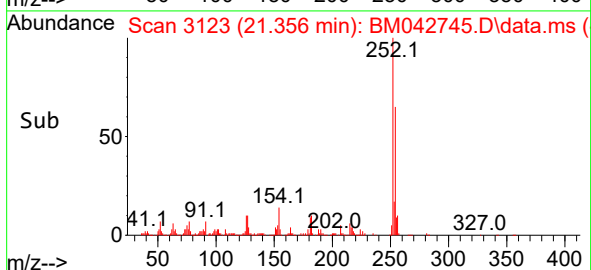
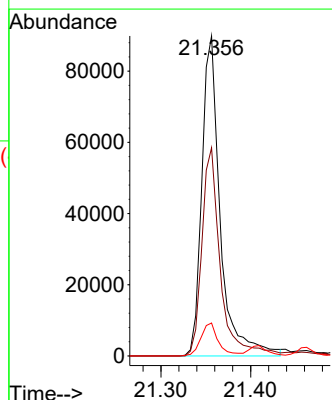
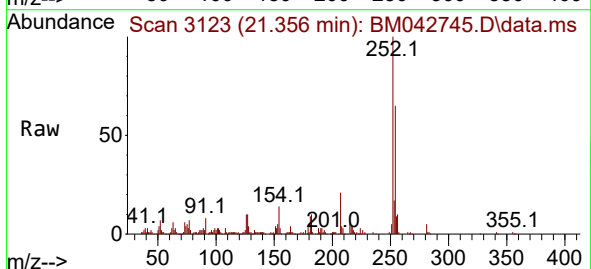
Tgt Ion:252 Resp: 128135

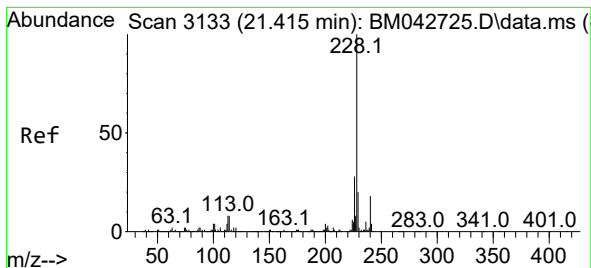
Ion Ratio Lower Upper

252 100

254 65.1 51.8 77.6

126 10.3 7.8 11.8





#85

Benzo(a)anthracene

Concen: 54.760 ng/ul

RT: 21.409 min Scan# 3132

Delta R.T. -0.006 min

Lab File: BM042745.D

Acq: 14 Nov 2023 21:59

Instrument :

BNA_M

ClientSampleId :

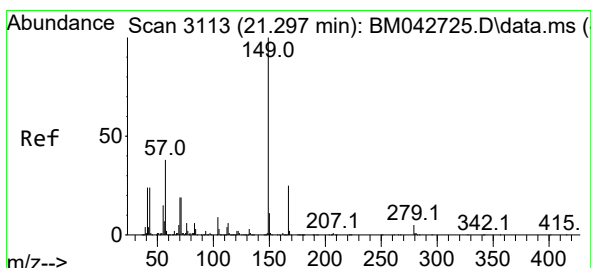
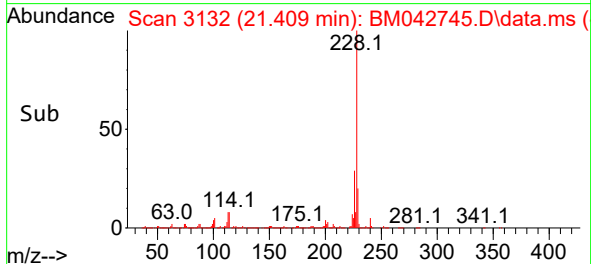
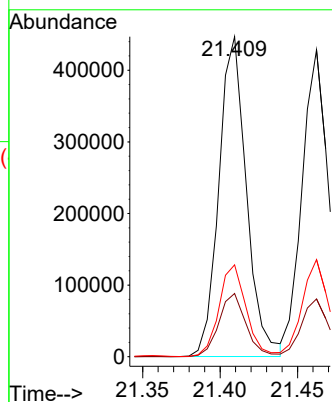
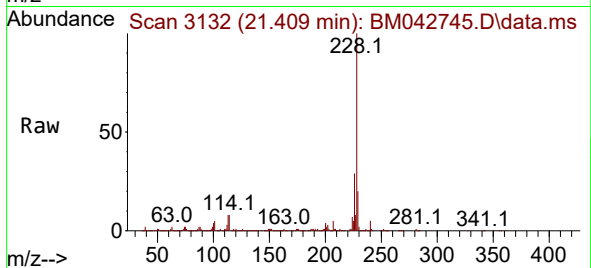
Tgt Ion:228 Resp: 552615

Ion Ratio Lower Upper

228 100

229 19.8 15.8 23.6

226 28.7 22.5 33.7



#86

Bis(2-ethylhexyl)phthalate

Concen: 52.158 ng/ul

RT: 21.292 min Scan# 3112

Delta R.T. -0.006 min

Lab File: BM042745.D

Acq: 14 Nov 2023 21:59

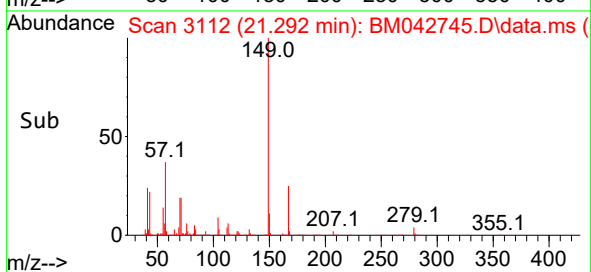
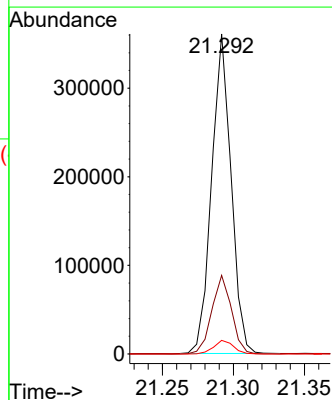
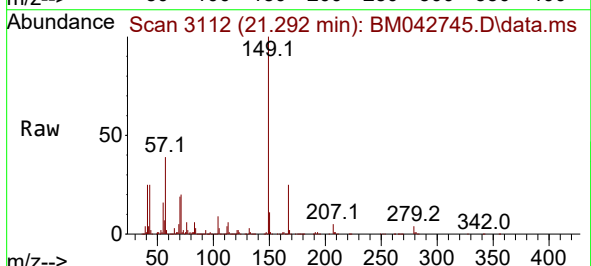
Tgt Ion:149 Resp: 344008

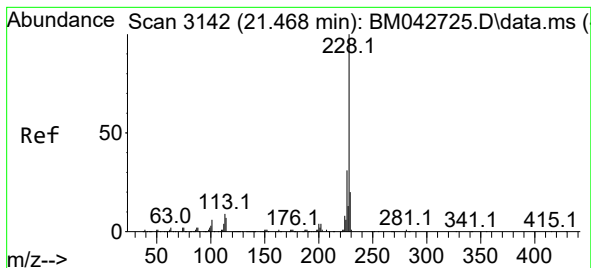
Ion Ratio Lower Upper

149 100

167 24.6 20.6 31.0

279 4.2 3.5 5.3





#87

Chrysene

Concen: 54.769 ng/ul

RT: 21.462 min Scan# 3142

Delta R.T. -0.006 min

Lab File: BM042745.D

Acq: 14 Nov 2023 21:59

Instrument :

BNA_M

ClientSampleId :

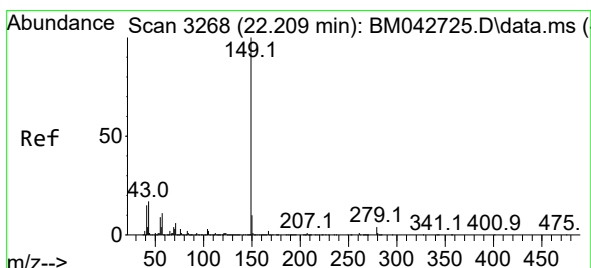
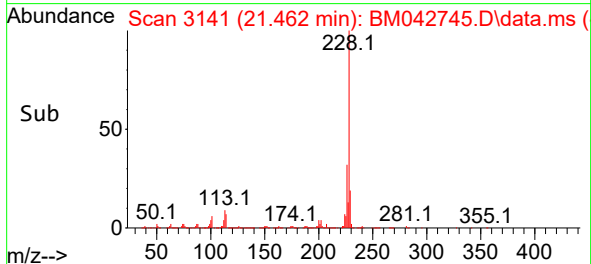
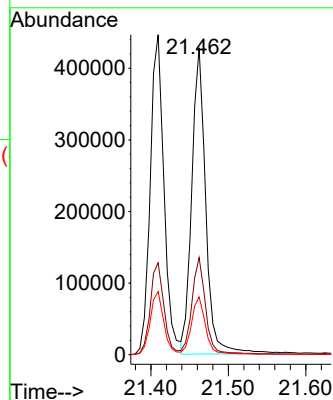
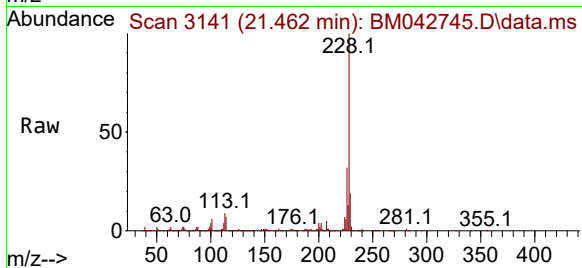
Tgt Ion:228 Resp: 536030

Ion Ratio Lower Upper

228 100

226 31.6 24.3 36.5

229 18.8 15.7 23.5



#89

Di-n-octyl phthalate

Concen: 51.447 ng/ul

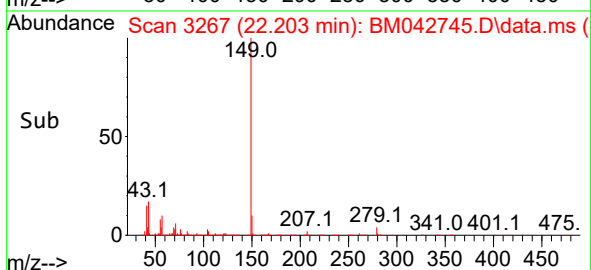
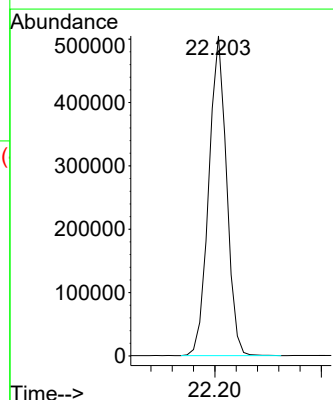
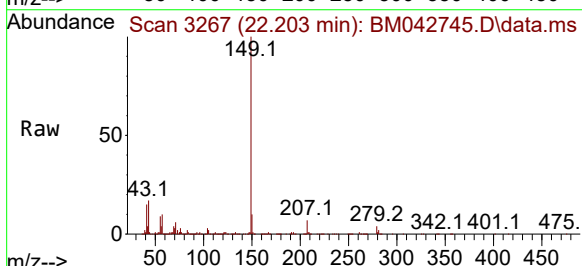
RT: 22.203 min Scan# 3267

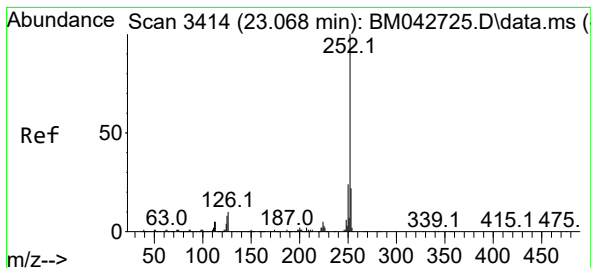
Delta R.T. -0.012 min

Lab File: BM042745.D

Acq: 14 Nov 2023 21:59

Tgt Ion:149 Resp: 583845





#90

Benzo(b)fluoranthene

Concen: 57.318 ng/ul

RT: 23.056 min Scan# 3414

Delta R.T. -0.018 min

Lab File: BM042745.D

Acq: 14 Nov 2023 21:59

Instrument :

BNA_M

ClientSampleId :

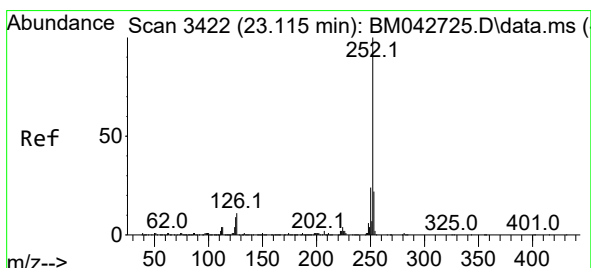
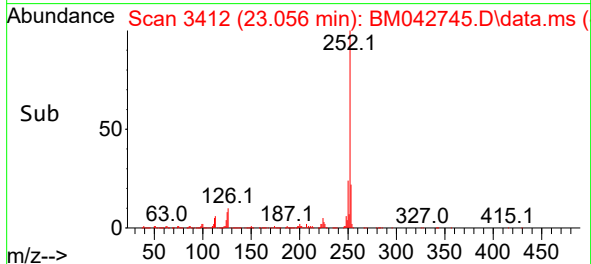
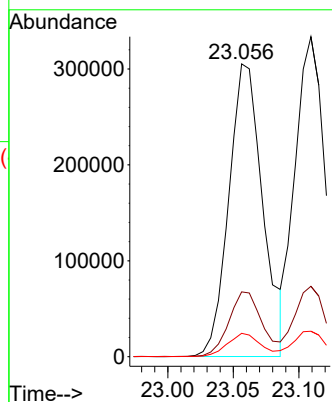
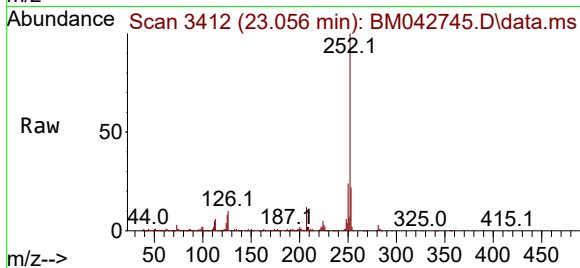
Tgt Ion:252 Resp: 549544

Ion Ratio Lower Upper

252 100

253 22.1 17.0 25.6

125 8.0 5.2 7.8#



#91

Benzo(k)fluoranthene

Concen: 54.270 ng/ul

RT: 23.109 min Scan# 3421

Delta R.T. -0.012 min

Lab File: BM042745.D

Acq: 14 Nov 2023 21:59

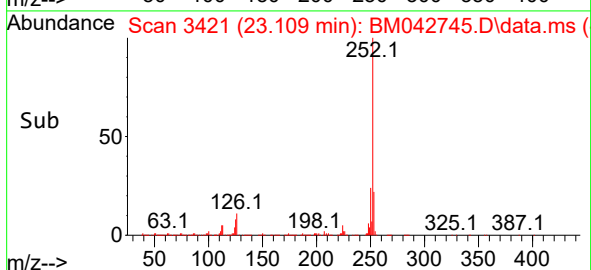
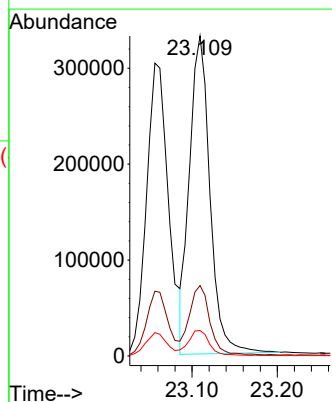
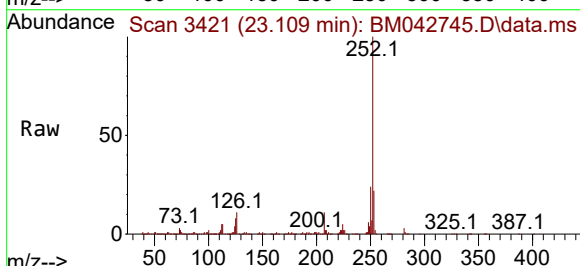
Tgt Ion:252 Resp: 553885

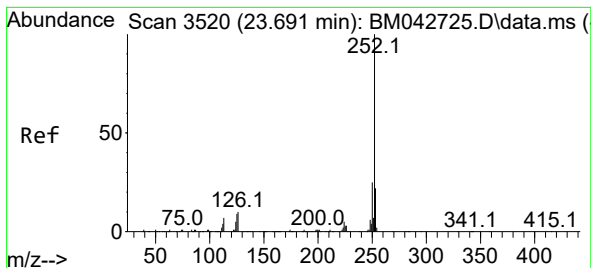
Ion Ratio Lower Upper

252 100

253 22.0 17.5 26.3

125 8.0 5.5 8.3





#93

Benzo(a)pyrene

Concen: 56.685 ng/u1

RT: 23.686 min Scan# 3

Delta R.T. -0.012 min

Lab File: BM042745.D

Acq: 14 Nov 2023 21:59

Instrument :

BNA_M

ClientSampleId :

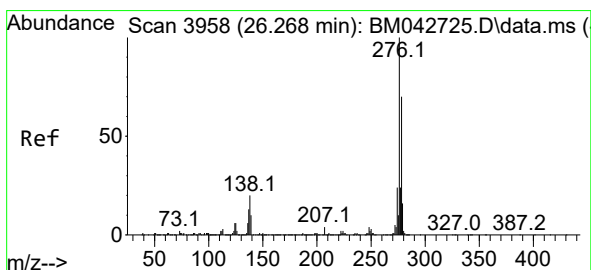
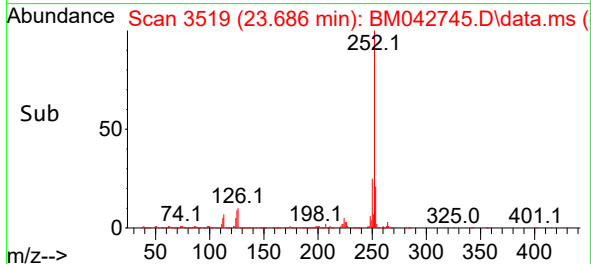
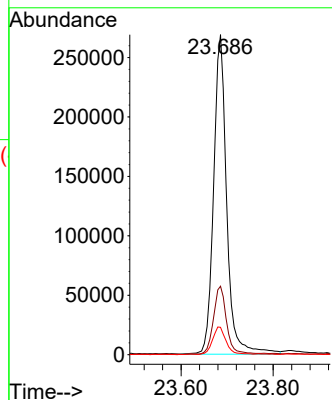
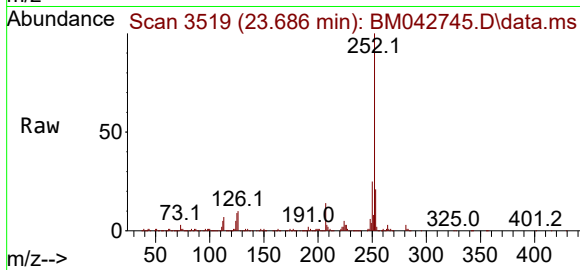
Tgt Ion:252 Resp: 529582

Ion Ratio Lower Upper

252 100

253 21.4 17.0 25.6

125 8.6 6.3 9.5



#94

Indeno(1,2,3-cd)pyrene

Concen: 56.520 ng/u1

RT: 26.256 min Scan# 3956

Delta R.T. -0.023 min

Lab File: BM042745.D

Acq: 14 Nov 2023 21:59

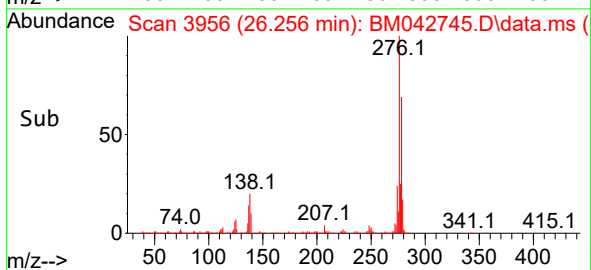
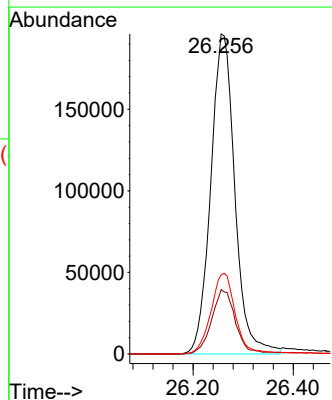
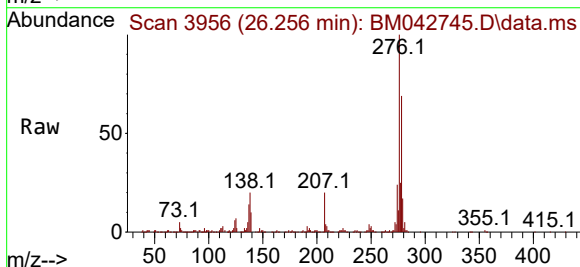
Tgt Ion:276 Resp: 656243

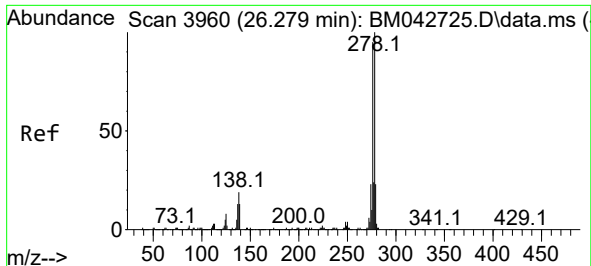
Ion Ratio Lower Upper

276 100

138 20.1 13.8 20.8

277 24.7 19.7 29.5

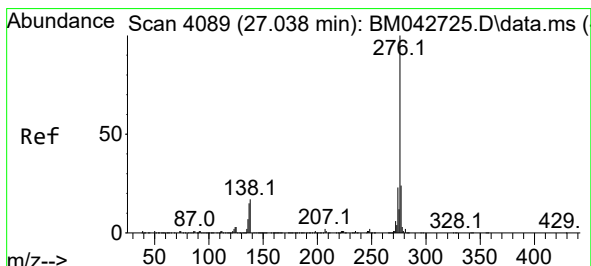
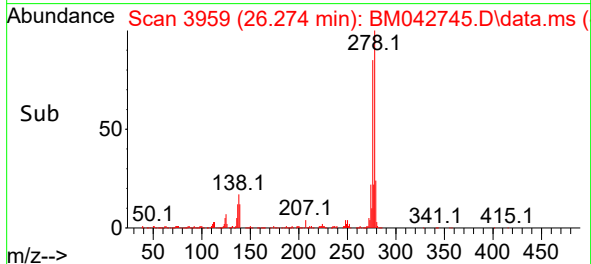
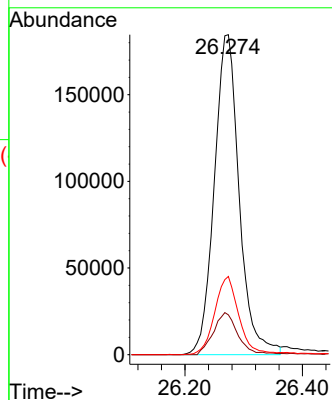
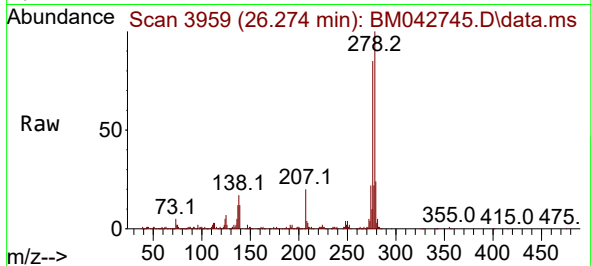




#95
 Dibenzo(a,h)anthracene
 Concen: 56.430 ng/ul
 RT: 26.274 min Scan# 3959
 Delta R.T. -0.023 min
 Lab File: BM042745.D
 Acq: 14 Nov 2023 21:59

Instrument :
 BNA_M
 ClientSampleId :

Tgt Ion:278 Resp: 543199
 Ion Ratio Lower Upper
 278 100
 139 12.5 9.0 13.4
 279 24.5 18.8 28.2



#96
 Benzo(g,h,i)perylene
 Concen: 55.773 ng/ul
 RT: 27.027 min Scan# 4087
 Delta R.T. -0.023 min
 Lab File: BM042745.D
 Acq: 14 Nov 2023 21:59

Tgt Ion:276 Resp: 514226
 Ion Ratio Lower Upper
 276 100
 138 16.9 13.0 19.6
 277 24.3 18.4 27.6

