

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM111323\
 Data File : BM042749.D
 Acq On : 15 Nov 2023 00:23
 Operator : MA/JU
 Sample : PB156721BS
 Misc :
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS721

Quant Time: Nov 15 03:36:00 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	33773	20.000	ng/u1	0.00
20) Naphthalene-d8	10.645	136	143866	20.000	ng/u1	#-0.01
38) Acenaphthene-d10	14.486	164	101101	20.000	ng/u1	-0.01
64) Phenanthrene-d10	17.239	188	225474	20.000	ng/u1	-0.01
79) Chrysene-d12	21.421	240	261204	20.000	ng/u1	-0.01
88) Perylene-d12	23.786	264	255713	20.000	ng/u1	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.181	96	7653	7.110	ng/uL	0.00
4) Pyridine-d5	3.616	84	109059	40.735	ng/u1	-0.01
7) Phenol-d5	6.998	99	131135	39.896	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.181	67	97472	42.202	ng/u1	0.00
11) 2-Chlorophenol-d4	7.351	132	99784	39.343	ng/u1	-0.01
15) 4-Methylphenol-d8	8.557	113	101374	39.170	ng/u1	0.00
21) Nitrobenzene-d5	9.034	128	48863	38.739	ng/u1	0.00
24) 2-Nitrophenol-d4	9.745	143	55308	37.483	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.269	165	102031	37.188	ng/u1	0.00
31) 4-Chloroaniline-d4	10.822	131	109833	31.529	ng/u1	0.00
46) Dimethylphthalate-d6	13.910	166	354160	37.013	ng/u1	0.00
49) Acenaphthylene-d8	14.186	160	384445	37.551	ng/u1	-0.01
54) 4-Nitrophenol-d4	14.739	143	44843	41.481	ng/u1	0.00
60) Fluorene-d10	15.480	176	298721	37.701	ng/u1	-0.01
65) 4,6-Dinitro-2-methylph...	15.627	200	67617	39.591	ng/u1	-0.01
73) Anthracene-d10	17.345	188	462451	36.597	ng/u1	0.00
81) Pyrene-d10	19.639	212	651438	38.085	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.633	264	665681	43.521	ng/u1	-0.02
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.216	88	13567	11.836	ng/uL	90
5) Pyridine	3.634	79	99454	34.161	ng/u1	98
6) Benzaldehyde	6.998	77	61462	32.591	ng/u1	96
8) Phenol	7.028	94	120796	36.946	ng/u1	97
10) Bis(2-Chloroethyl)ether	7.275	93	95955	35.530	ng/u1	95
12) 2-Chlorophenol	7.387	128	87523	34.675	ng/u1	91
13) 2-Methylphenol	8.287	108	85185	34.939	ng/u1	98
14) 2,2'-oxybis(1-Chloropr...	8.345	45	89800	18.265	ng/u1	98
16) Acetophenone	8.687	105	148702	34.170	ng/u1	96
17) N-Nitroso-di-n-propyla...	8.657	70	95005	35.863	ng/u1	94
18) 4-Methylphenol	8.622	108	96463	36.391	ng/u1	97
19) Hexachloroethane	8.887	117	47357	33.663	ng/u1	91
22) Nitrobenzene	9.075	77	134331	35.236	ng/u1	95
23) Isophorone	9.586	82	259751	34.210	ng/u1	98
25) 2-Nitrophenol	9.775	139	49640	33.112	ng/u1	92
26) 2,4-Dimethylphenol	9.822	107	85291	26.591	ng/u1	97
27) Bis(2-Chloroethoxy)met...	10.075	93	135232	35.246	ng/u1	98
29) 2,4-Dichlorophenol	10.298	162	87101	33.531	ng/u1	98
30) Naphthalene	10.698	128	294078	32.628	ng/u1	100
32) 4-Chloroaniline	10.845	127	84395	25.253	ng/u1	98
33) Hexachlorobutadiene	10.916	225	69743	30.395	ng/u1	98
34) Caprolactam	11.669	113	15433	20.037	ng/u1	88
35) 4-Chloro-3-methylphenol	11.957	107	100828	36.224	ng/u1	95
36) 2-Methylnaphthalene	12.310	142	199090	32.958	ng/u1	99

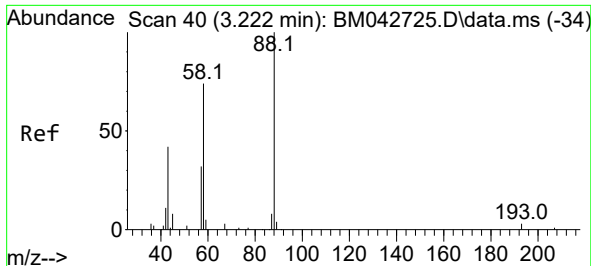
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM111323\
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 Quant Title : SVOA CALIBRATION
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.527	142	209241	32.945	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.657	216	126179	31.823	ng/ul	97
40) Hexachlorocyclopentadiene	12.598	237	37658	20.061	ng/ul	93
41) 2,4,6-Trichlorophenol	12.922	196	66911	27.627	ng/ul	98
42) 2,4,5-Trichlorophenol	12.998	196	72697	31.085	ng/ul	99
43) 1,1'-Biphenyl	13.322	154	281885	33.433	ng/ul	99
44) 2-Chloronaphthalene	13.374	162	220385	32.491	ng/ul	97
45) 2-Nitroaniline	13.622	65	84508	38.203	ng/ul	93
47) Dimethylphthalate	13.957	163	307601	33.005	ng/ul	99
48) 2,6-Dinitrotoluene	14.110	165	60062	34.304	ng/ul	94
50) Acenaphthylene	14.216	152	356466	31.074	ng/ul	100
51) 3-Nitroaniline	14.451	138	49069	34.272	ng/ul	97
52) Acenaphthene	14.551	153	257655	33.210	ng/ul	98
53) 2,4-Dinitrophenol	14.663	184	29243	33.590	ng/ul	83
55) 4-Nitrophenol	14.751	109	59333	34.878	ng/ul	93
56) Dibenzofuran	14.892	168	367665	34.143	ng/ul	99
57) 2,4-Dinitrotoluene	14.892	165	95140	37.012	ng/ul#	92
58) 2,3,4,6-Tetrachlorophenol	15.110	232	60544	24.940	ng/ul#	96
59) Diethylphthalate	15.310	149	328577	33.622	ng/ul	99
61) Fluorene	15.539	166	319883	34.989	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.527	204	168945	34.289	ng/ul	99
63) 4-Nitroaniline	15.621	138	49703	38.078	ng/ul	95
66) 4,6-Dinitro-2-methylph...	15.645	198	57169	32.879	ng/ul	91
67) N-Nitrosodiphenylamine	15.757	169	247741	35.033	ng/ul	99
68) 4-Bromophenyl-phenylether	16.427	248	99838	33.265	ng/ul	93
69) Hexachlorobenzene	16.510	284	121644	33.155	ng/ul	96
70) Atrazine	16.874	200	5742	2.108	ng/ul#	36
71) Pentachlorophenol	16.874	266	43106	20.403	ng/ul	99
72) Phenanthrene	17.286	178	493559	35.039	ng/ul	99
74) Anthracene	17.374	178	481192	33.962	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.275	216	130625	32.763	ng/uL	99
76) Pentachlorobenzene	14.780	250	137634	32.901	ng/uL	99
77) Carbazole	17.668	167	408214	34.893	ng/ul	98
78) Di-n-butylphthalate	18.186	149	593264	34.678	ng/ul	99
80) Fluoranthene	19.298	202	640817	32.858	ng/ul	97
82) Pyrene	19.668	202	694593	33.589	ng/ul	99
83) Butylbenzylphthalate	20.545	149	285039	32.272	ng/ul	92
84) 3,3'-Dichlorobenzidine	21.350	252	202902	30.351	ng/ul	98
85) Benzo(a)anthracene	21.409	228	685936	33.453	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.292	149	429535	32.053	ng/ul	99
87) Chrysene	21.462	228	662892	33.335	ng/ul	99
89) Di-n-octyl phthalate	22.203	149	735675	35.616	ng/ul	100
90) Benzo(b)fluoranthene	23.062	252	668192	38.289	ng/ul	99
91) Benzo(k)fluoranthene	23.109	252	718901	38.699	ng/ul	98
93) Benzo(a)pyrene	23.686	252	610056	35.875	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.262	276	818673	38.738	ng/ul	98
95) Dibenzo(a,h)anthracene	26.274	278	677975	38.695	ng/ul	98
96) Benzo(g,h,i)perylene	27.032	276	644607	38.411	ng/ul	99

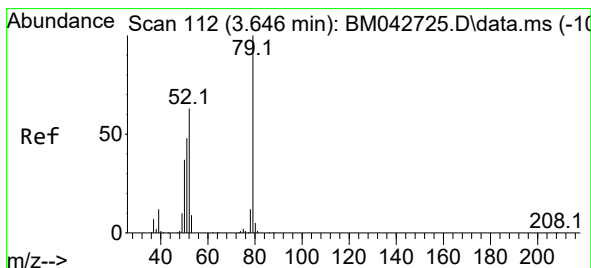
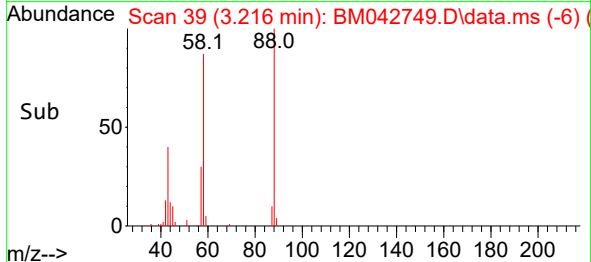
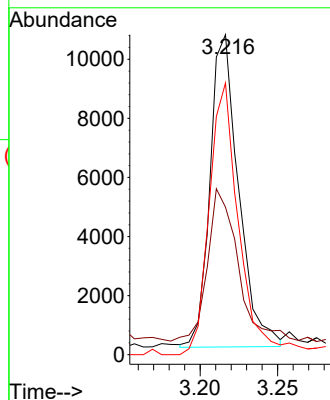
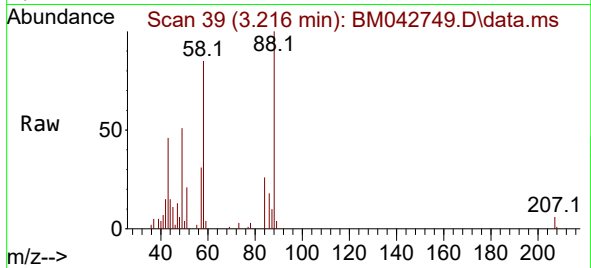
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#2
1,4-Dioxane
Concen: 11.836 ng/uL
RT: 3.216 min Scan# 39
Delta R.T. -0.006 min
Lab File: BM042749.D
Acq: 15 Nov 2023 00:23

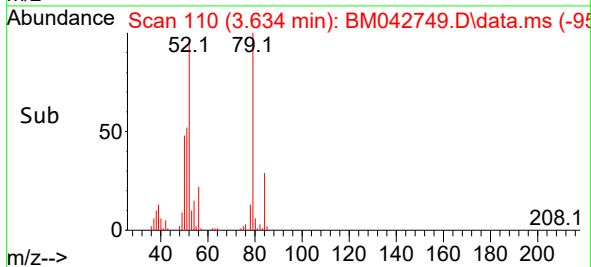
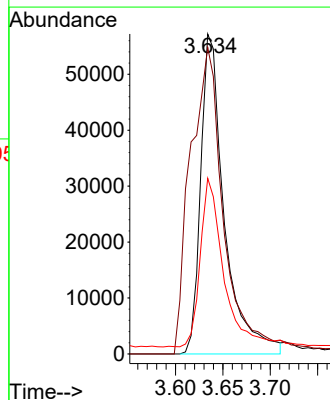
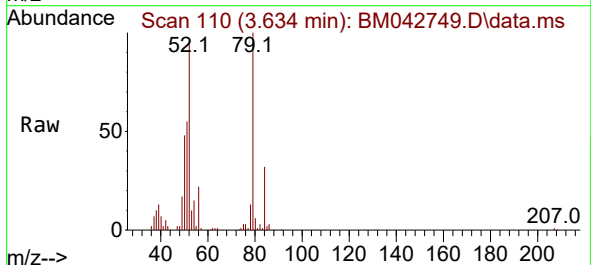
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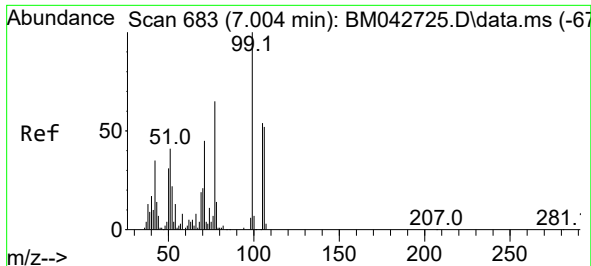
Tgt Ion: 88 Resp: 13567
Ion Ratio Lower Upper
88 100
43 46.1 34.3 51.5
58 84.9 59.4 89.0



#5
Pyridine
Concen: 34.161 ng/uL
RT: 3.634 min Scan# 110
Delta R.T. -0.012 min
Lab File: BM042749.D
Acq: 15 Nov 2023 00:23

Tgt Ion: 79 Resp: 99454
Ion Ratio Lower Upper
79 100
52 95.8 74.6 111.8
51 54.9 44.6 67.0

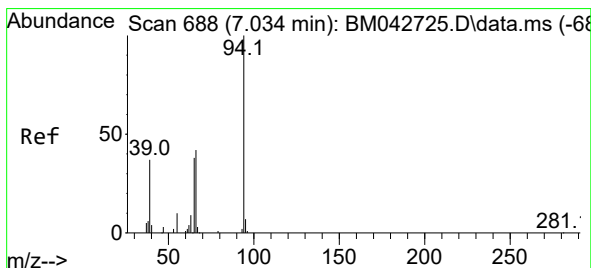
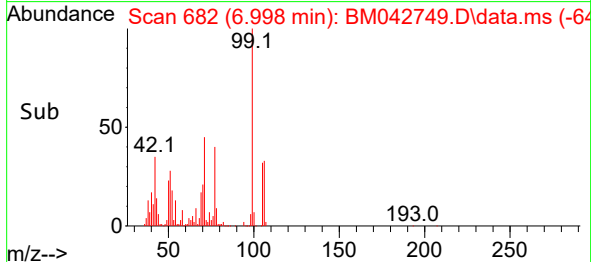
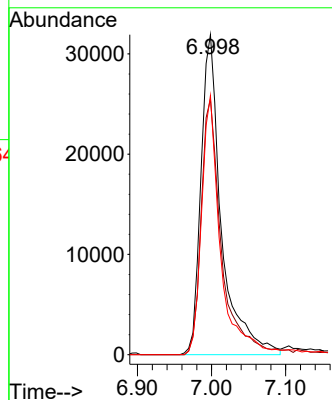
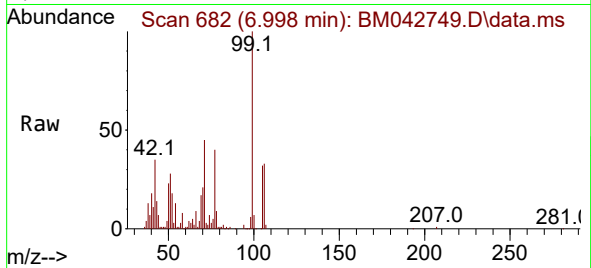




#6
Benzaldehyde
Concen: 32.591 ng/ul
RT: 6.998 min Scan# 61
Delta R.T. -0.006 min
Lab File: BM042749.D
Acq: 15 Nov 2023 00:23

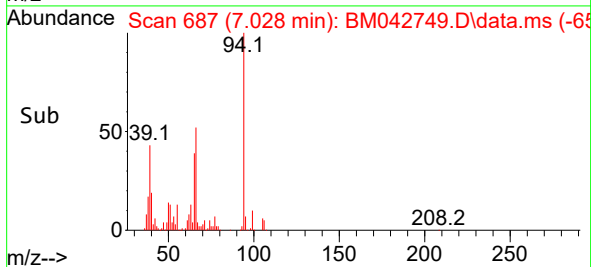
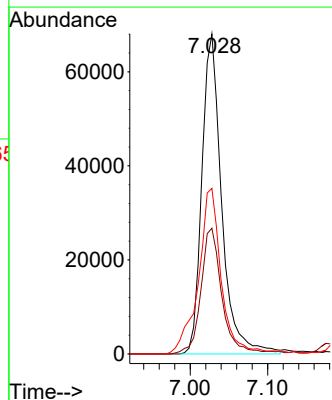
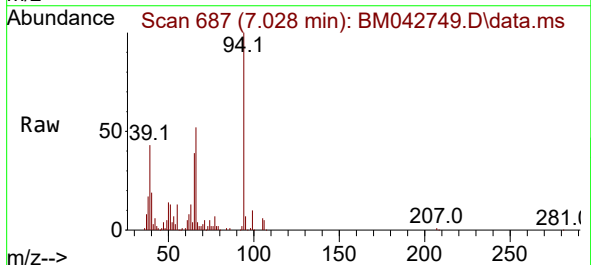
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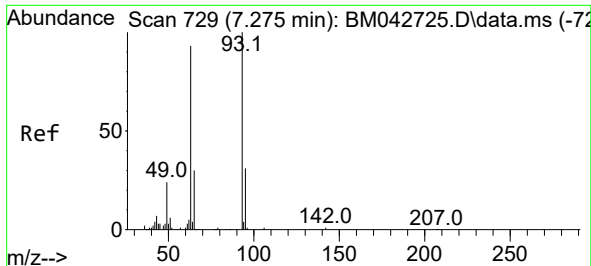
Tgt Ion: 77 Resp: 61462
Ion Ratio Lower Upper
77 100
105 79.9 69.6 104.4
106 81.0 64.2 96.2



#8
Phenol
Concen: 36.946 ng/ul
RT: 7.028 min Scan# 687
Delta R.T. -0.006 min
Lab File: BM042749.D
Acq: 15 Nov 2023 00:23

Tgt Ion: 94 Resp: 120796
Ion Ratio Lower Upper
94 100
65 39.3 30.3 45.5
66 51.7 39.9 59.9

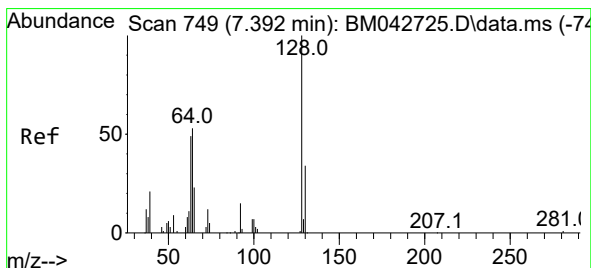
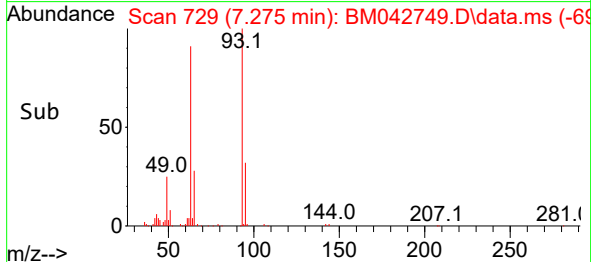
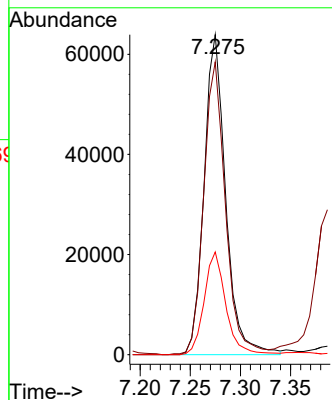
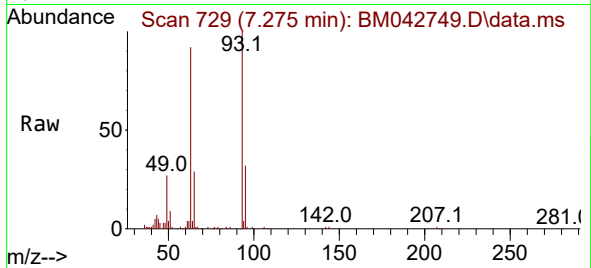




#10
Bis(2-Chloroethyl)ether
Concen: 35.530 ng/ul
RT: 7.275 min Scan# 710
Delta R.T. -0.006 min
Lab File: BM042749.D
Acq: 15 Nov 2023 00:23

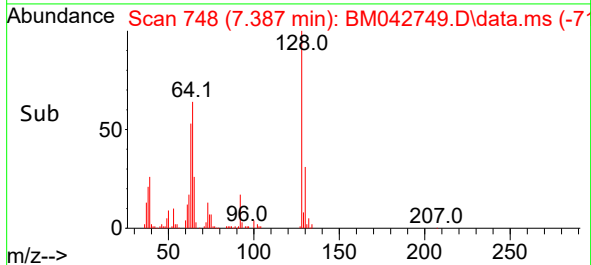
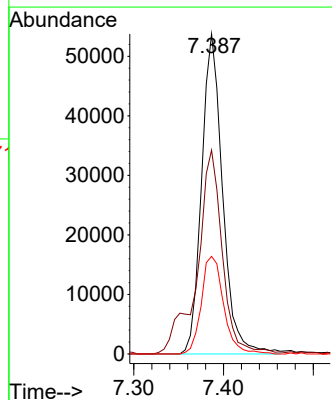
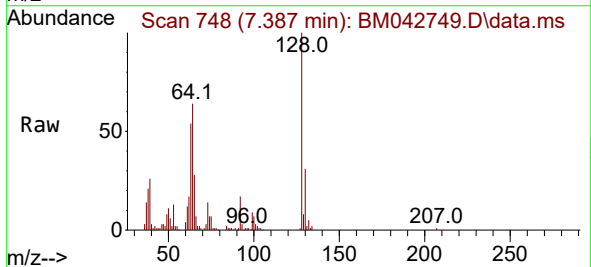
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ClientSampleId :
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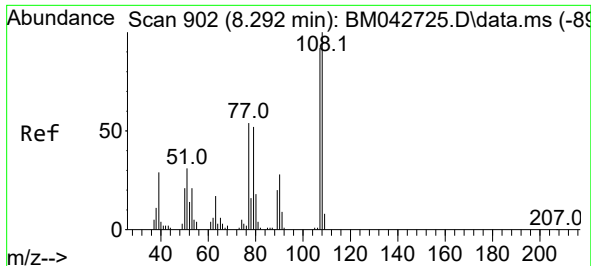
Tgt Ion: 93 Resp: 95955
Ion Ratio Lower Upper
93 100
63 91.5 68.6 102.8
95 32.1 24.8 37.2



#12
2-Chlorophenol
Concen: 34.675 ng/ul
RT: 7.387 min Scan# 748
Delta R.T. -0.012 min
Lab File: BM042749.D
Acq: 15 Nov 2023 00:23

Tgt Ion:128 Resp: 87523
Ion Ratio Lower Upper
128 100
64 63.7 42.9 64.3
130 30.5 23.9 35.9





#13

2-Methylphenol

Concen: 34.939 ng/ul

RT: 8.287 min Scan# 902

Delta R.T. -0.006 min

Lab File: BM042749.D

Acq: 15 Nov 2023 00:23

Instrument :

BNA_M

ClientSampleId :

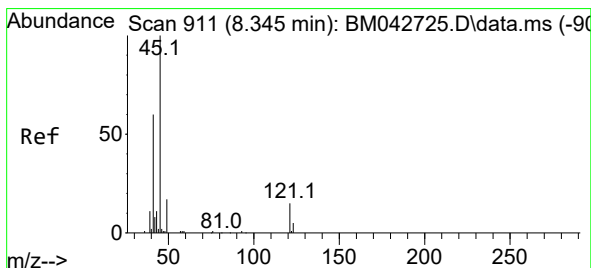
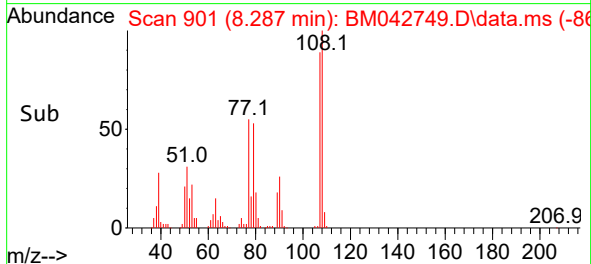
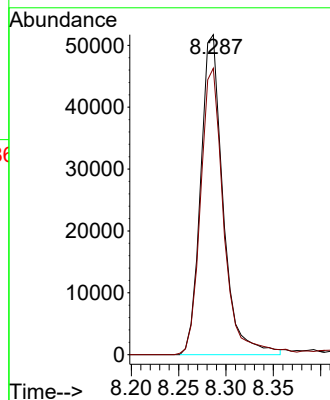
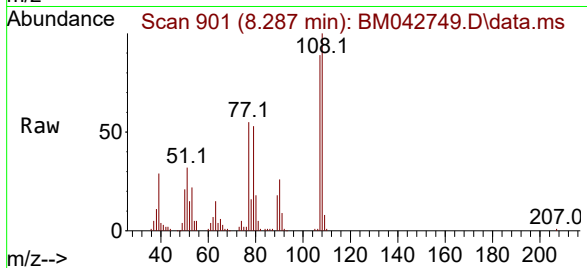
SLCS721

Tgt Ion:108 Resp: 85185

Ion Ratio Lower Upper

108 100

107 89.5 70.4 105.6



#14

2,2'-oxybis(1-Chloropropane)

Concen: 18.265 ng/ul

RT: 8.345 min Scan# 911

Delta R.T. -0.006 min

Lab File: BM042749.D

Acq: 15 Nov 2023 00:23

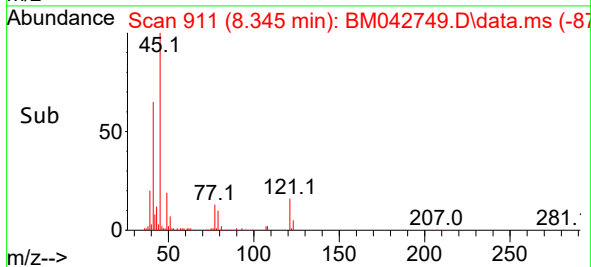
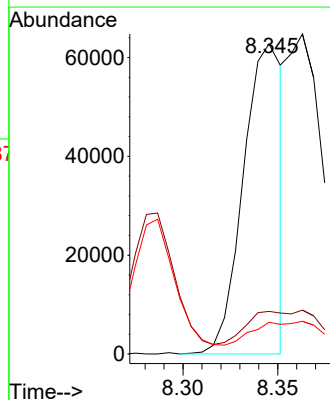
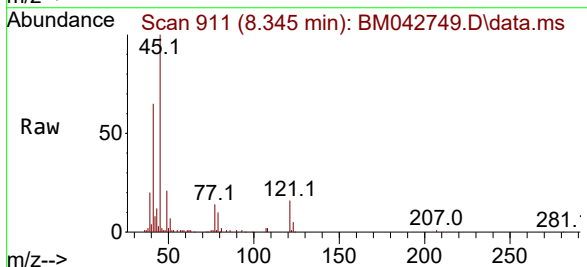
Tgt Ion: 45 Resp: 89800

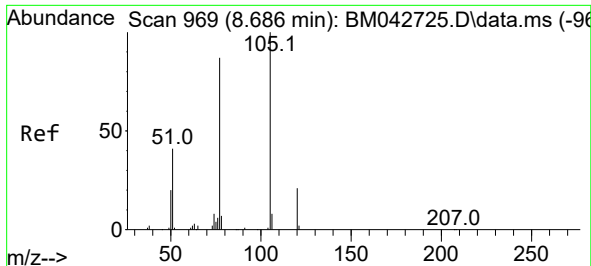
Ion Ratio Lower Upper

45 100

77 13.7 12.2 18.2

79 10.2 8.2 12.2

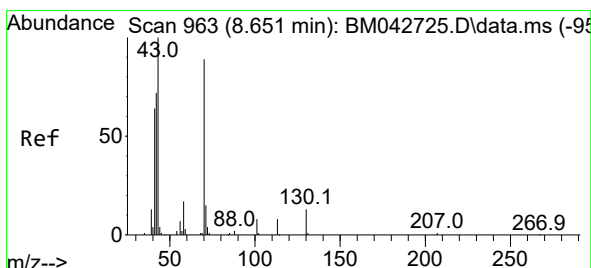
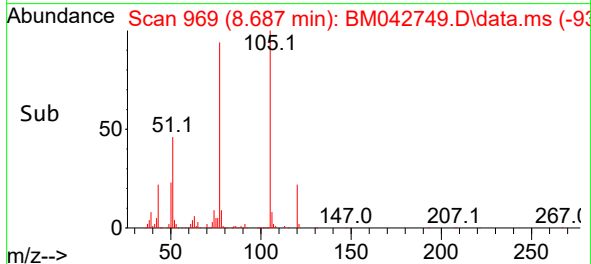
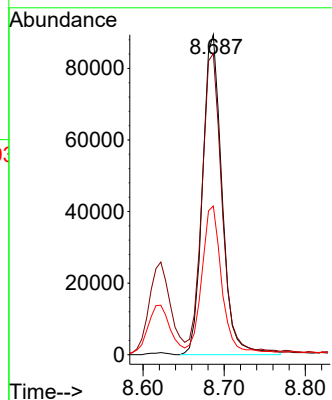
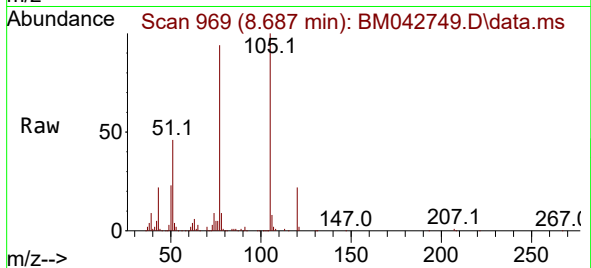




#16
Acetophenone
Concen: 34.170 ng/ul
RT: 8.687 min Scan# 969
Delta R.T. -0.006 min
Lab File: BM042749.D
Acq: 15 Nov 2023 00:23

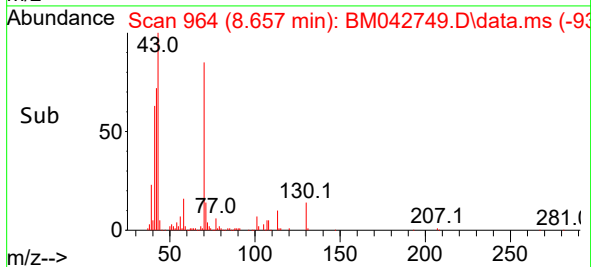
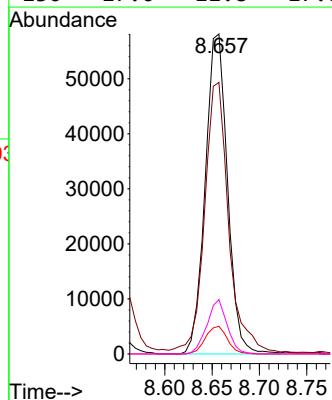
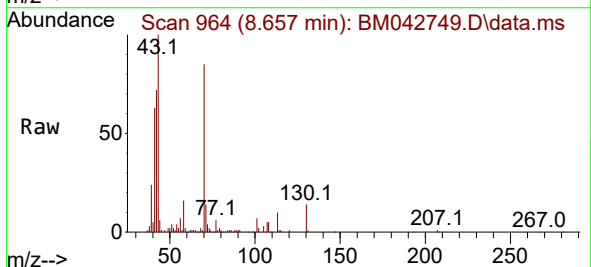
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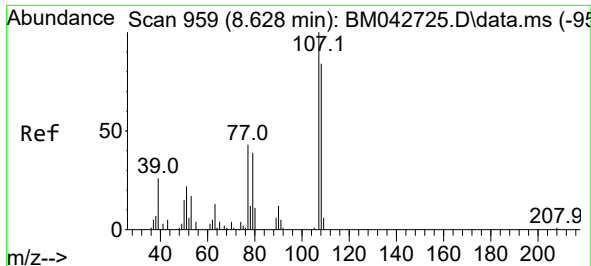
Tgt Ion:105 Resp: 148702
Ion Ratio Lower Upper
105 100
77 94.1 71.6 107.4
51 46.5 35.4 53.2



#17
N-Nitroso-di-n-propylamine
Concen: 35.863 ng/ul
RT: 8.657 min Scan# 964
Delta R.T. 0.000 min
Lab File: BM042749.D
Acq: 15 Nov 2023 00:23

Tgt Ion: 70 Resp: 95005
Ion Ratio Lower Upper
70 100
42 84.8 63.0 94.6
101 8.6 7.0 10.4
130 17.0 11.8 17.8

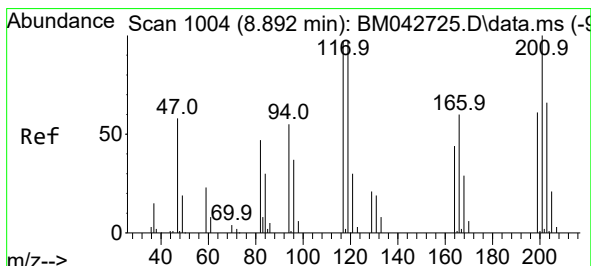
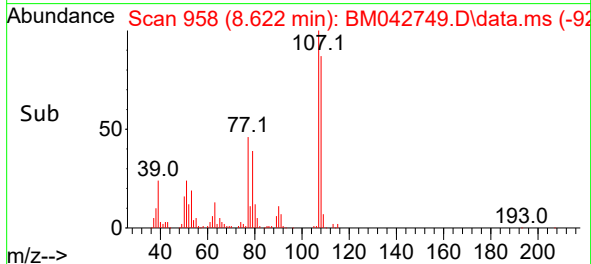
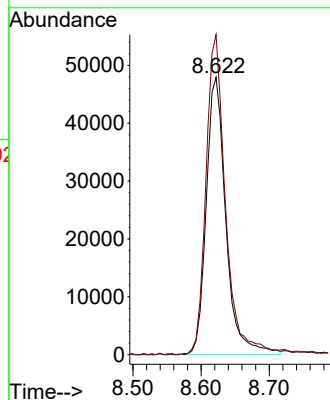
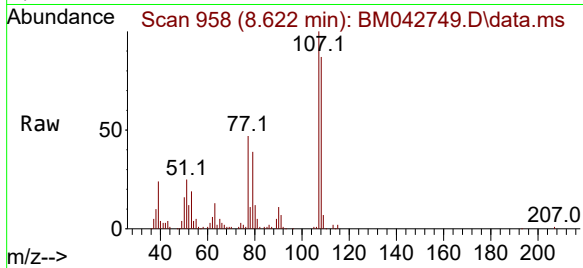




#18
4-Methylphenol
Concen: 36.391 ng/ul
RT: 8.622 min Scan# 91
Delta R.T. -0.006 min
Lab File: BM042749.D
Acq: 15 Nov 2023 00:23

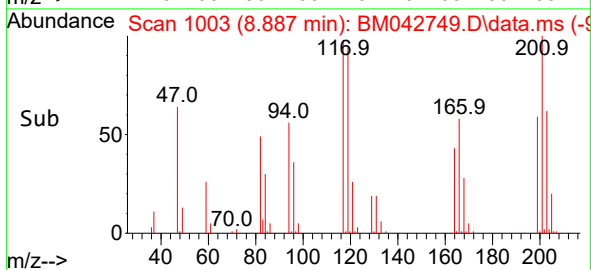
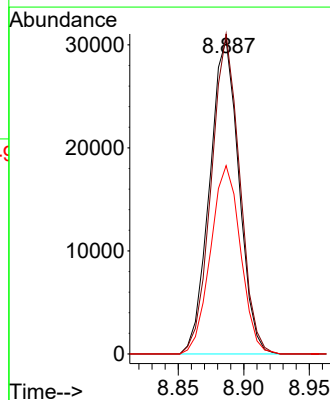
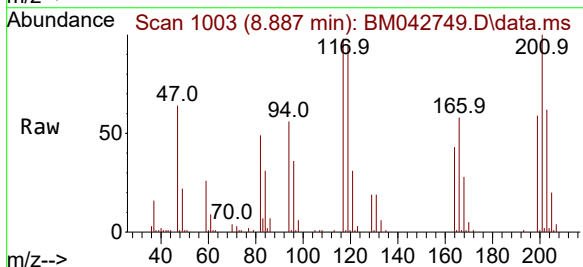
Instrument :
BNA_M
ClientSampleId :
SLCS721

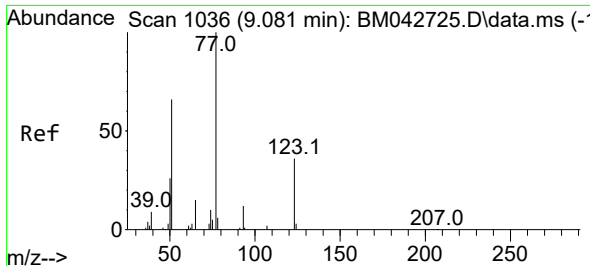
Tgt Ion:108 Resp: 96463
Ion Ratio Lower Upper
108 100
107 115.4 89.4 134.0



#19
Hexachloroethane
Concen: 33.663 ng/ul
RT: 8.887 min Scan# 1003
Delta R.T. -0.006 min
Lab File: BM042749.D
Acq: 15 Nov 2023 00:23

Tgt Ion:117 Resp: 47357
Ion Ratio Lower Upper
117 100
201 101.8 90.0 135.0
199 59.9 52.2 78.4

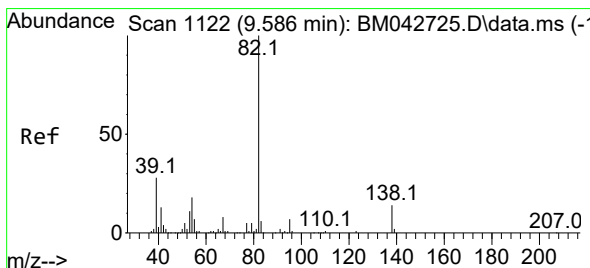
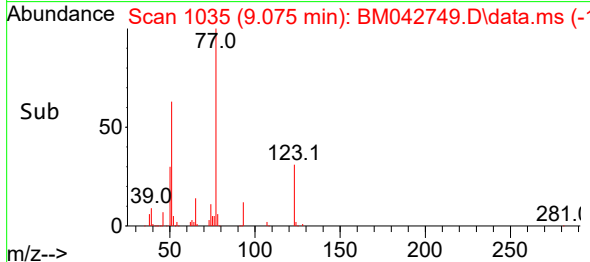
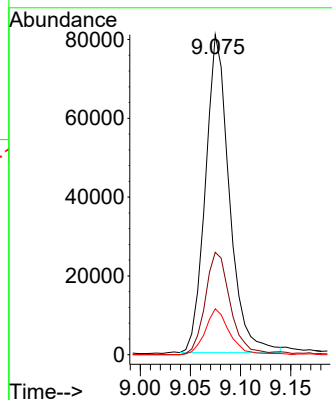
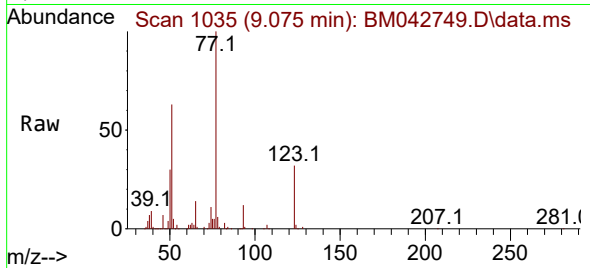




#22
Nitrobenzene
Concen: 35.236 ng/ul
RT: 9.075 min Scan# 1035
Delta R.T. -0.012 min
Lab File: BM042749.D
Acq: 15 Nov 2023 00:23

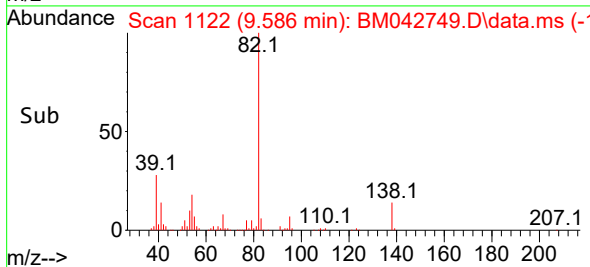
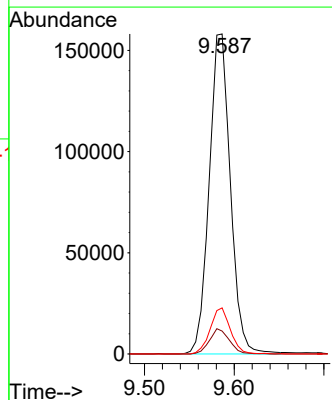
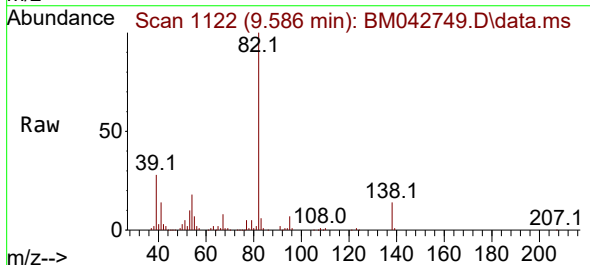
Instrument :
BNA_M
ClientSampleId :
SLCS721

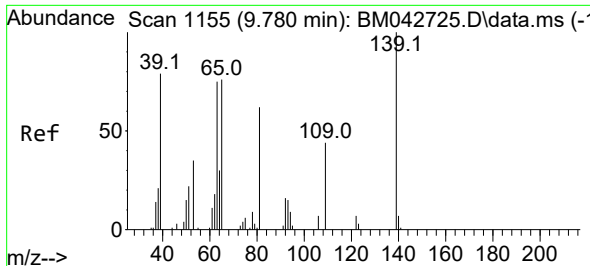
Tgt Ion: 77 Resp: 134331
Ion Ratio Lower Upper
77 100
123 32.0 28.4 42.6
65 14.4 12.4 18.6



#23
Isophorone
Concen: 34.210 ng/ul
RT: 9.586 min Scan# 1122
Delta R.T. -0.006 min
Lab File: BM042749.D
Acq: 15 Nov 2023 00:23

Tgt Ion: 82 Resp: 259751
Ion Ratio Lower Upper
82 100
95 7.2 6.4 9.6
138 14.4 12.1 18.1





#25

2-Nitrophenol

Concen: 33.112 ng/ul

RT: 9.775 min Scan# 1154

Delta R.T. -0.012 min

Lab File: BM042749.D

Acq: 15 Nov 2023 00:23

Instrument :

BNA_M

ClientSampleId :

SLCS721

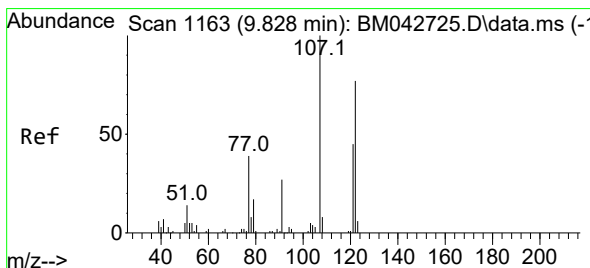
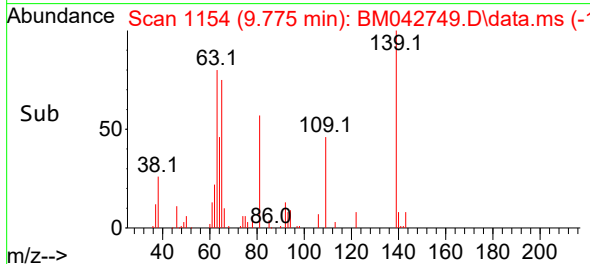
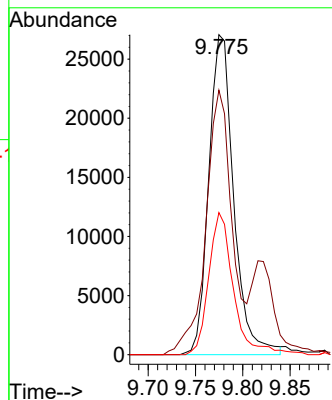
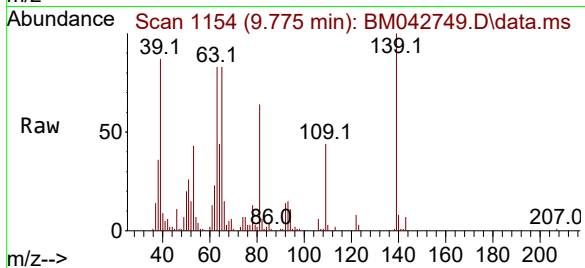
Tgt Ion:139 Resp: 49640

Ion Ratio Lower Upper

139 100

65 82.7 59.1 88.7

109 44.4 33.9 50.9



#26

2,4-Dimethylphenol

Concen: 26.591 ng/ul

RT: 9.822 min Scan# 1162

Delta R.T. -0.006 min

Lab File: BM042749.D

Acq: 15 Nov 2023 00:23

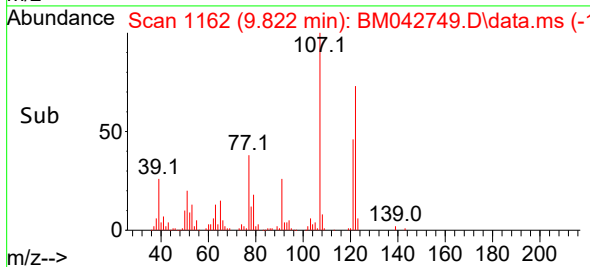
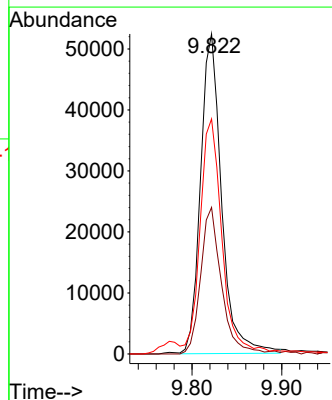
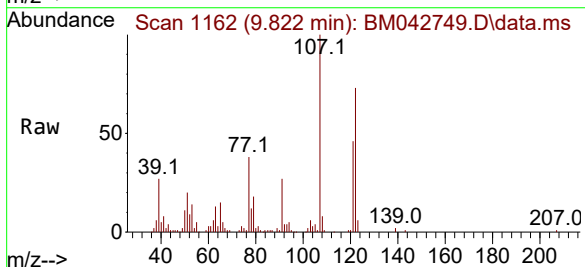
Tgt Ion:107 Resp: 85291

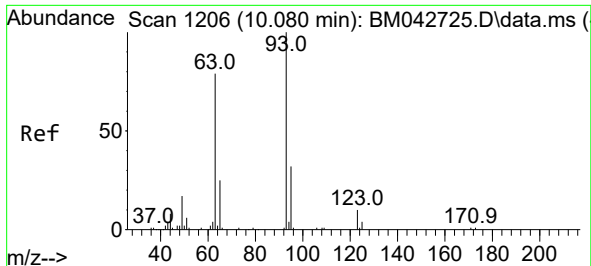
Ion Ratio Lower Upper

107 100

121 45.8 38.0 57.0

122 73.5 60.5 90.7





#27

Bis(2-Chloroethoxy)methane

Concen: 35.246 ng/ul

RT: 10.075 min Scan# 1

Delta R.T. -0.006 min

Lab File: BM042749.D

Acq: 15 Nov 2023 00:23

Instrument :

BNA_M

ClientSampleId :

SLCS721

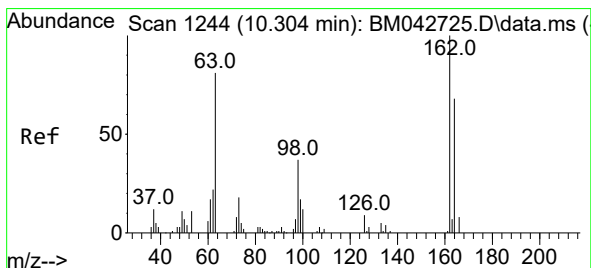
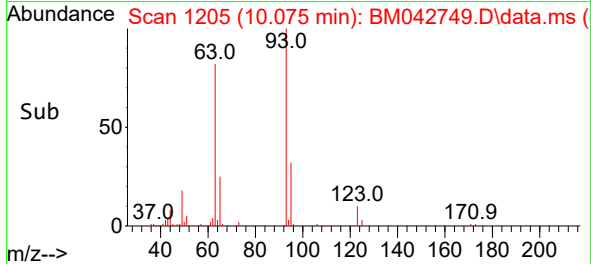
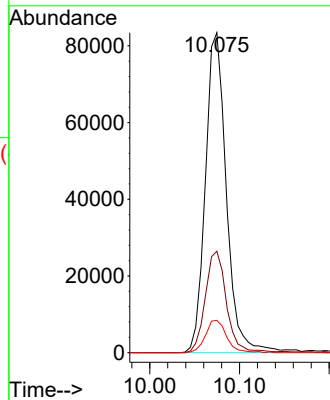
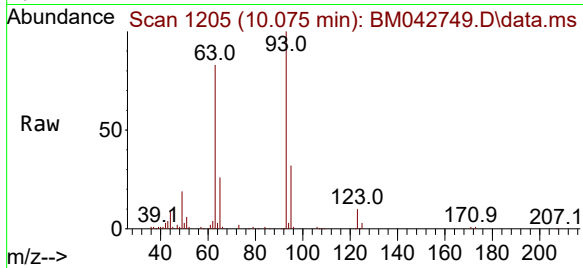
Tgt Ion: 93 Resp: 135232

Ion Ratio Lower Upper

93 100

95 31.7 26.5 39.7

123 10.1 8.2 12.2



#29

2,4-Dichlorophenol

Concen: 33.531 ng/ul

RT: 10.298 min Scan# 1243

Delta R.T. -0.006 min

Lab File: BM042749.D

Acq: 15 Nov 2023 00:23

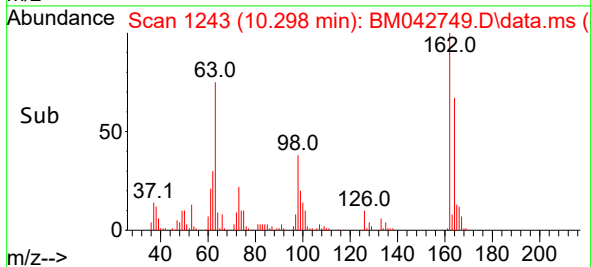
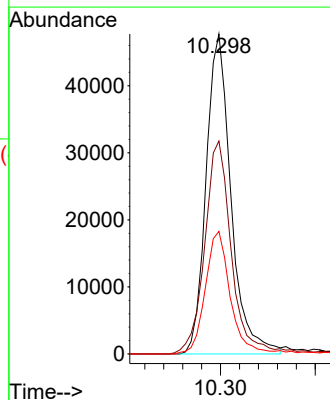
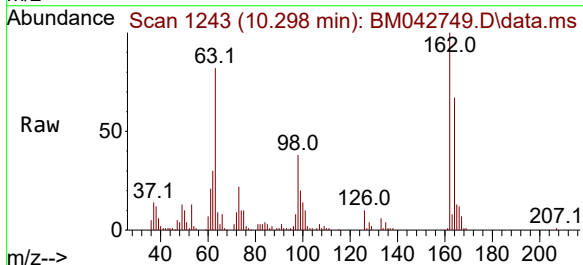
Tgt Ion:162 Resp: 87101

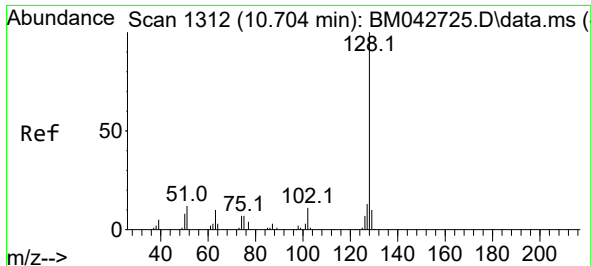
Ion Ratio Lower Upper

162 100

164 66.5 53.4 80.2

98 38.3 28.4 42.6

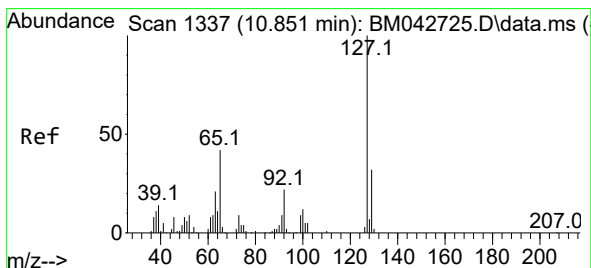
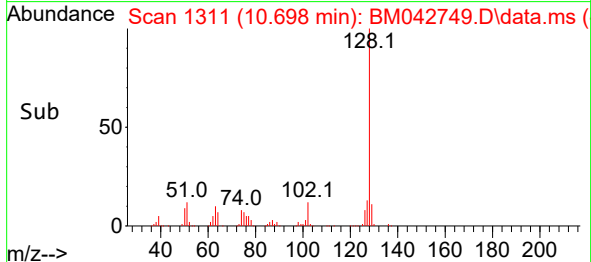
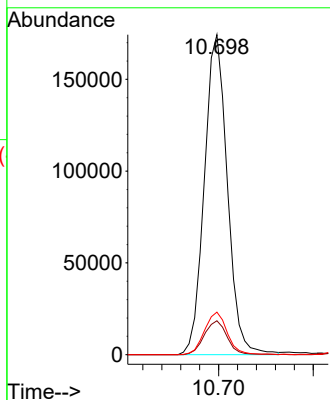
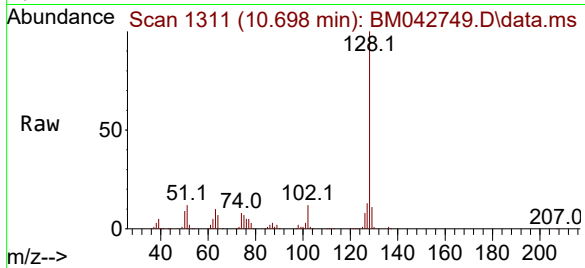




#30
Naphthalene
Concen: 32.628 ng/ul
RT: 10.698 min Scan# 11
Delta R.T. -0.006 min
Lab File: BM042749.D
Acq: 15 Nov 2023 00:23

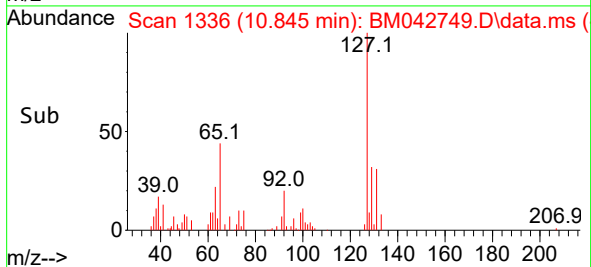
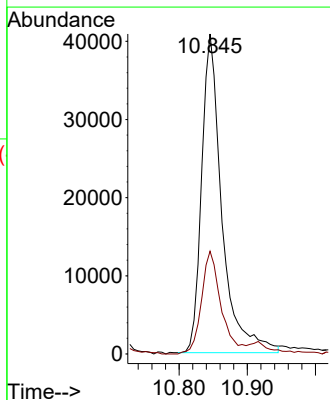
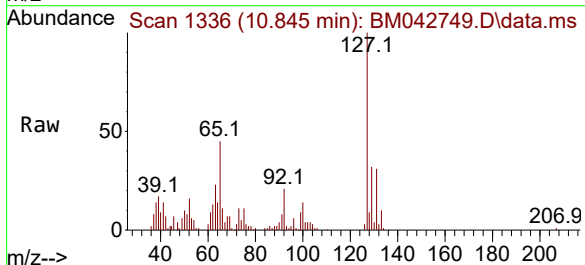
Instrument :
BNA_M
ClientSampleId :
SLCS721

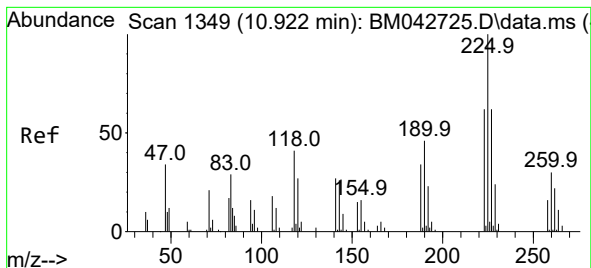
Tgt Ion:128 Resp: 294078
Ion Ratio Lower Upper
128 100
129 10.6 8.6 13.0
127 13.3 10.5 15.7



#32
4-Chloroaniline
Concen: 25.253 ng/ul
RT: 10.845 min Scan# 1336
Delta R.T. -0.006 min
Lab File: BM042749.D
Acq: 15 Nov 2023 00:23

Tgt Ion:127 Resp: 84395
Ion Ratio Lower Upper
127 100
129 32.1 26.7 40.1





#33

Hexachlorobutadiene

Concen: 30.395 ng/ul

RT: 10.916 min Scan# 1

Delta R.T. -0.012 min

Lab File: BM042749.D

Acq: 15 Nov 2023 00:23

Instrument :

BNA_M

ClientSampleId :

SLCS721

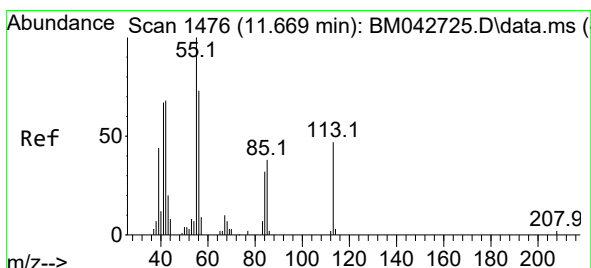
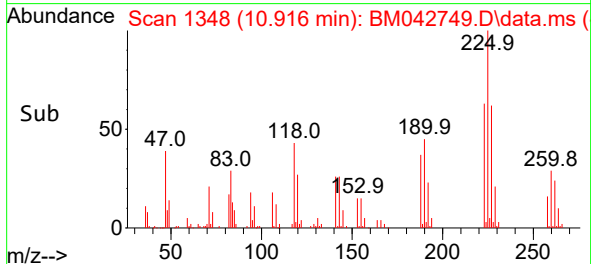
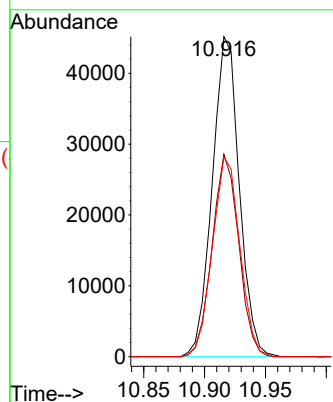
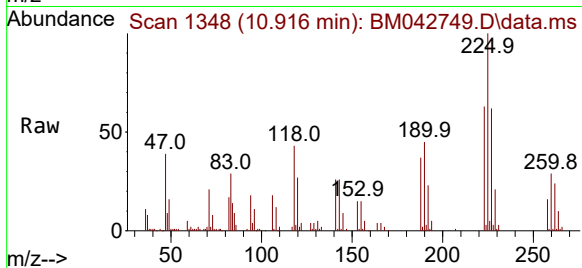
Tgt Ion:225 Resp: 69743

Ion Ratio Lower Upper

225 100

223 63.2 53.0 79.4

227 62.4 50.5 75.7



#34

Caprolactam

Concen: 20.037 ng/ul

RT: 11.669 min Scan# 1476

Delta R.T. -0.029 min

Lab File: BM042749.D

Acq: 15 Nov 2023 00:23

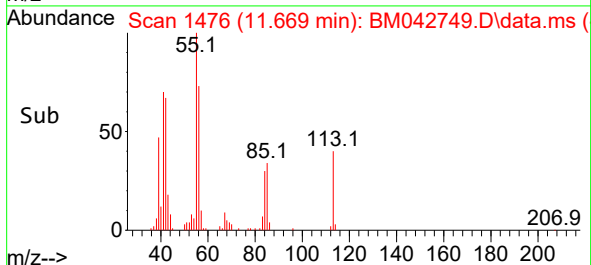
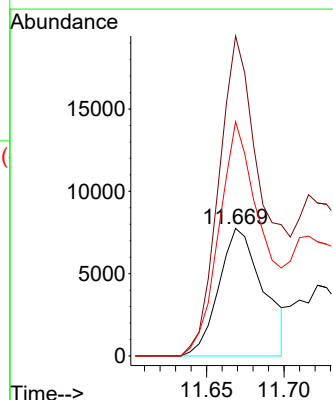
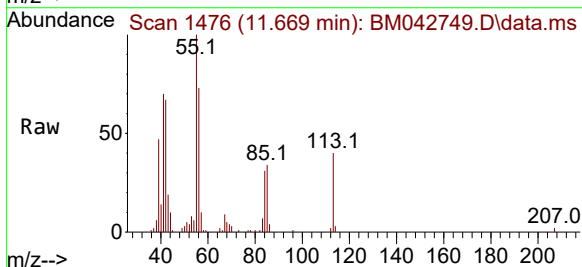
Tgt Ion:113 Resp: 15433

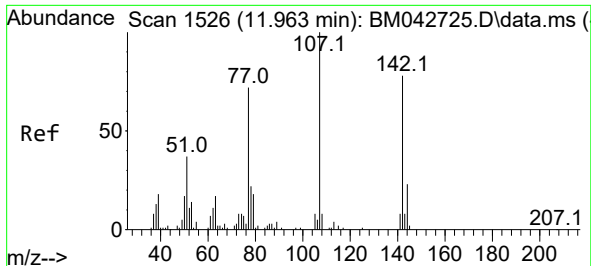
Ion Ratio Lower Upper

113 100

55 251.0 184.2 276.2

56 183.8 134.3 201.5

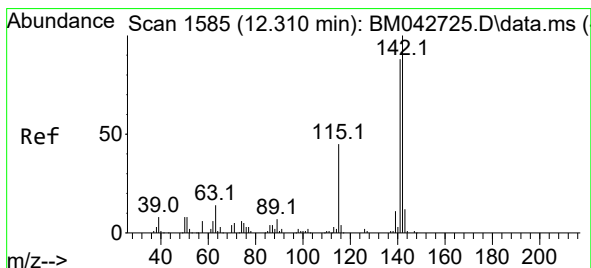
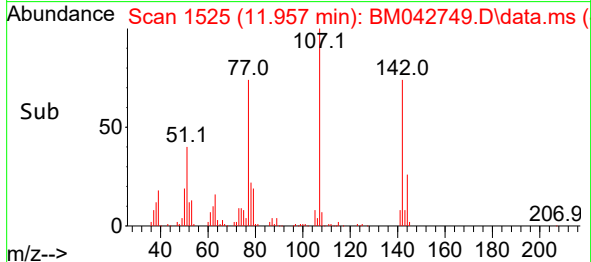
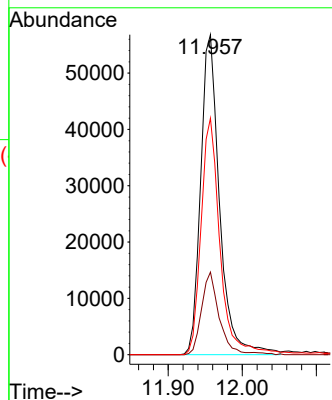
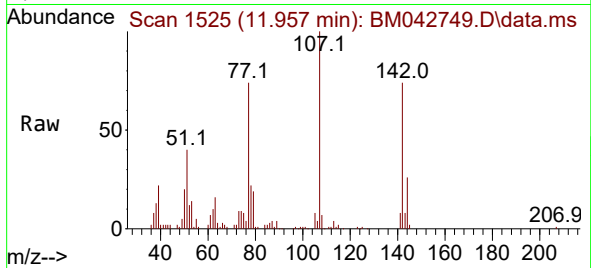




#35
4-Chloro-3-methylphenol
Concen: 36.224 ng/ul
RT: 11.957 min Scan# 11
Delta R.T. 0.000 min
Lab File: BM042749.D
Acq: 15 Nov 2023 00:23

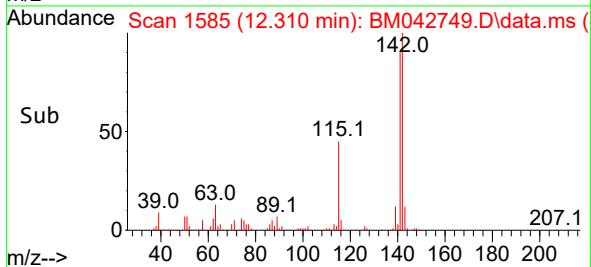
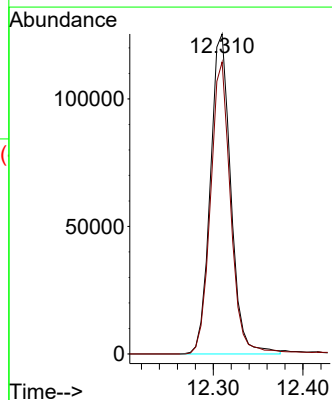
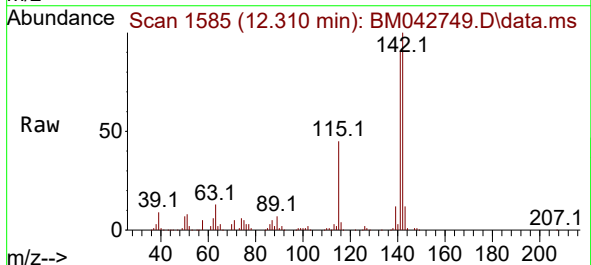
Instrument :
BNA_M
ClientSampleId :
SLCS721

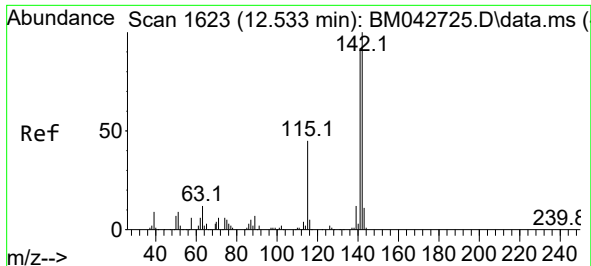
Tgt Ion:107 Resp: 100828
Ion Ratio Lower Upper
107 100
144 25.8 18.3 27.5
142 73.9 56.3 84.5



#36
2-Methylnaphthalene
Concen: 32.958 ng/ul
RT: 12.310 min Scan# 1585
Delta R.T. -0.006 min
Lab File: BM042749.D
Acq: 15 Nov 2023 00:23

Tgt Ion:142 Resp: 199090
Ion Ratio Lower Upper
142 100
141 91.2 73.6 110.4





#37

1-Methylnaphthalene

Concen: 32.945 ng/ul

RT: 12.527 min Scan# 1

Delta R.T. -0.006 min

Lab File: BM042749.D

Acq: 15 Nov 2023 00:23

Instrument :

BNA_M

ClientSampleId :

SLCS721

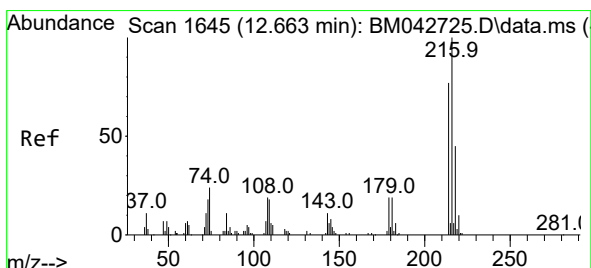
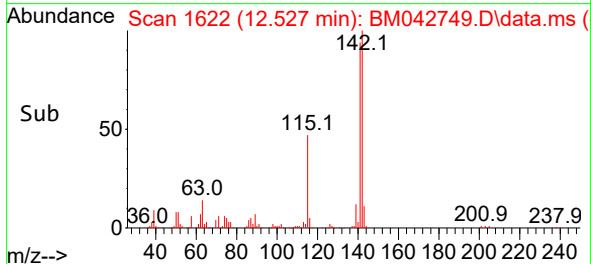
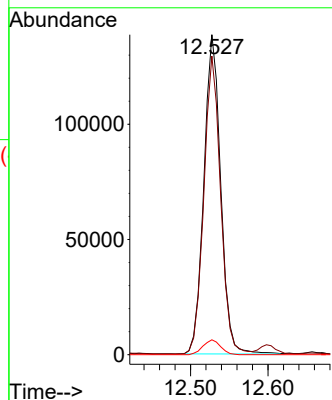
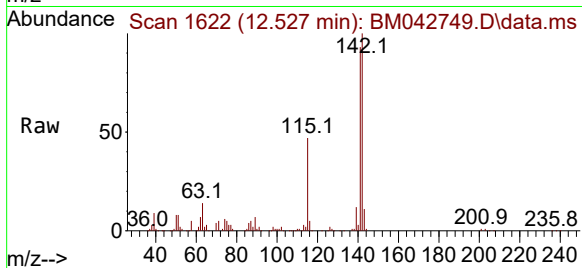
Tgt Ion:142 Resp: 209241

Ion Ratio Lower Upper

142 100

141 93.3 73.3 109.9

116 4.7 3.9 5.9



#39

1,2,4,5-Tetrachlorobenzene

Concen: 31.823 ng/ul

RT: 12.657 min Scan# 1644

Delta R.T. -0.012 min

Lab File: BM042749.D

Acq: 15 Nov 2023 00:23

Tgt Ion:216 Resp: 126179

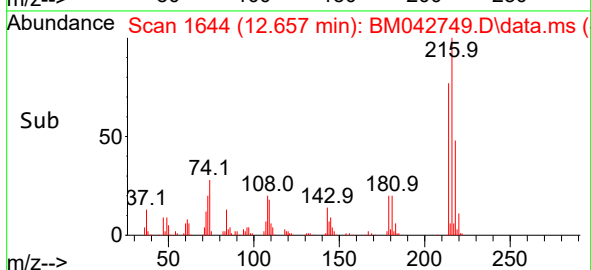
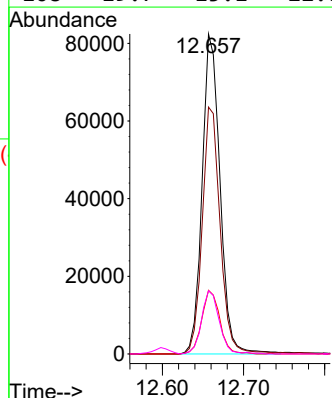
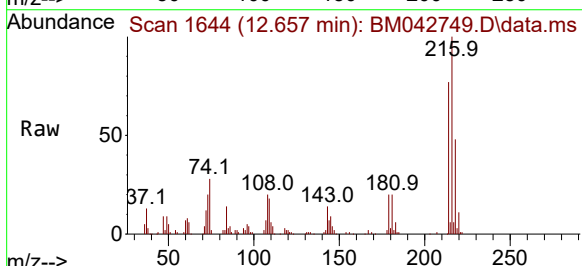
Ion Ratio Lower Upper

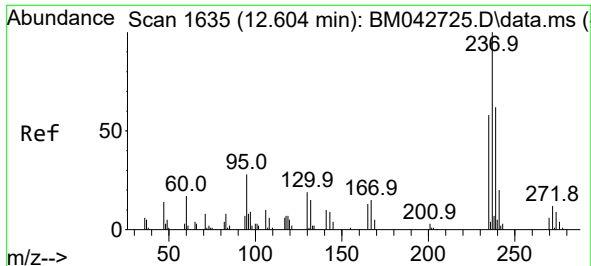
216 100

214 77.2 64.1 96.1

179 19.9 15.5 23.3

108 19.7 15.1 22.7

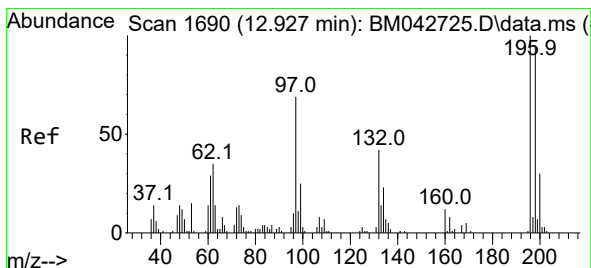
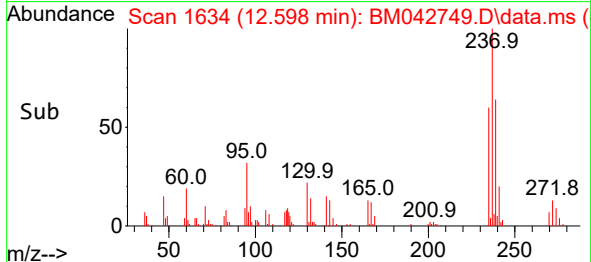
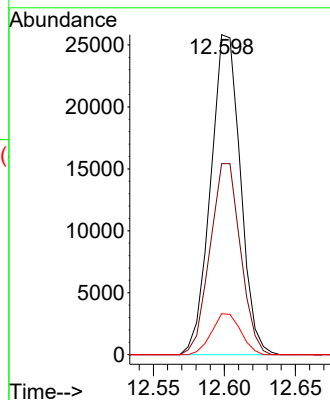
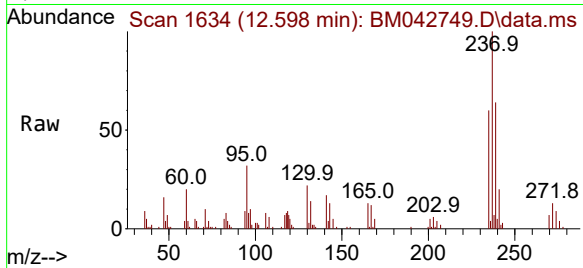




#40
Hexachlorocyclopentadiene
Concen: 20.061 ng/ul
RT: 12.598 min Scan# 1634
Delta R.T. -0.012 min
Lab File: BM042749.D
Acq: 15 Nov 2023 00:23

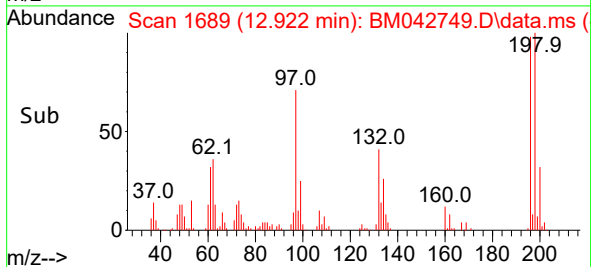
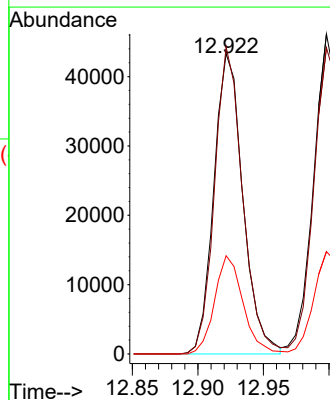
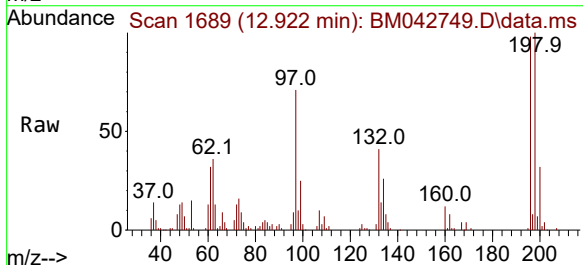
Instrument :
BNA_M
ClientSampleId :
SLCS721

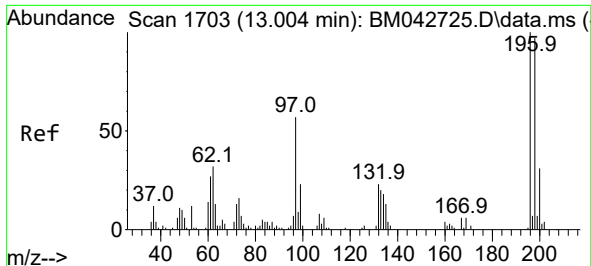
Tgt Ion:237 Resp: 37658
Ion Ratio Lower Upper
237 100
235 59.7 53.3 79.9
272 12.8 10.7 16.1



#41
2,4,6-Trichlorophenol
Concen: 27.627 ng/ul
RT: 12.922 min Scan# 1689
Delta R.T. -0.006 min
Lab File: BM042749.D
Acq: 15 Nov 2023 00:23

Tgt Ion:196 Resp: 66911
Ion Ratio Lower Upper
196 100
198 102.2 81.0 121.4
200 32.7 24.1 36.1

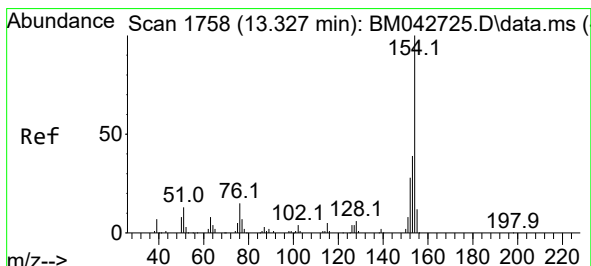
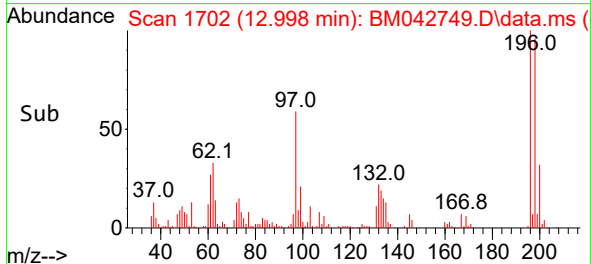
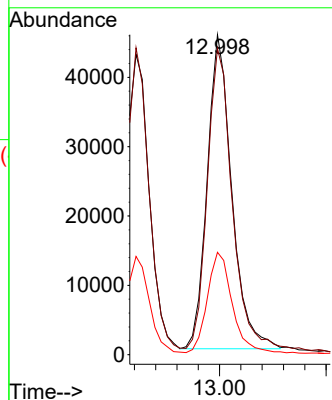
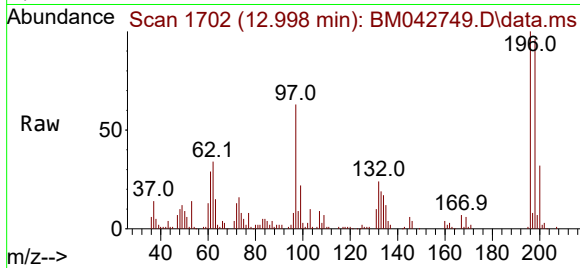




#42
2,4,5-Trichlorophenol
Concen: 31.085 ng/ul
RT: 12.998 min Scan# 1702
Delta R.T. -0.006 min
Lab File: BM042749.D
Acq: 15 Nov 2023 00:23

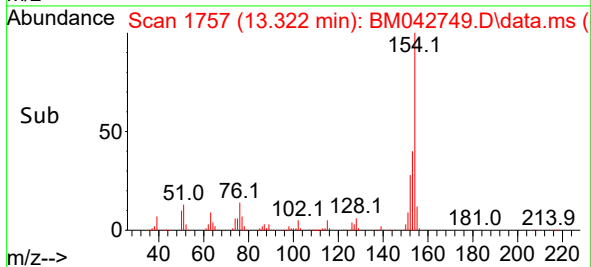
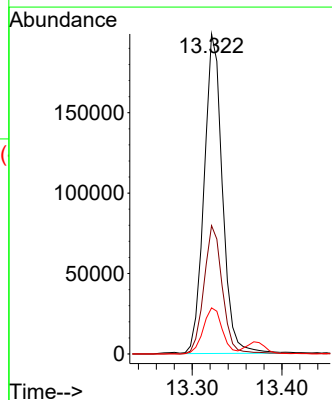
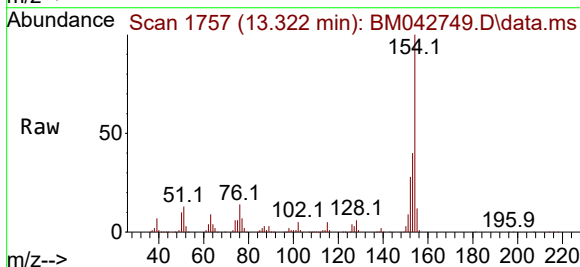
Instrument :
BNA_M
ClientSampleId :
SLCS721

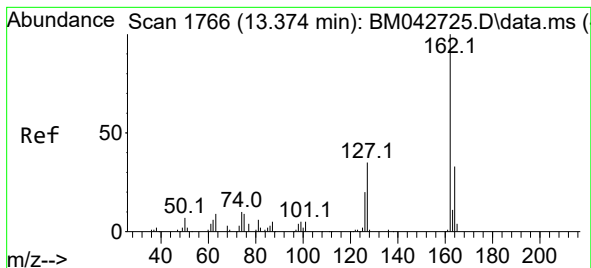
Tgt Ion:196 Resp: 72697
Ion Ratio Lower Upper
196 100
198 95.7 77.4 116.0
200 32.0 26.2 39.4



#43
1,1'-Biphenyl
Concen: 33.433 ng/ul
RT: 13.322 min Scan# 1757
Delta R.T. -0.012 min
Lab File: BM042749.D
Acq: 15 Nov 2023 00:23

Tgt Ion:154 Resp: 281885
Ion Ratio Lower Upper
154 100
153 40.1 32.4 48.6
76 14.4 10.7 16.1





#44

2-Chloronaphthalene

Concen: 32.491 ng/ul

RT: 13.374 min Scan# 11

Delta R.T. -0.006 min

Lab File: BM042749.D

Acq: 15 Nov 2023 00:23

Instrument :

BNA_M

ClientSampleId :

SLCS721

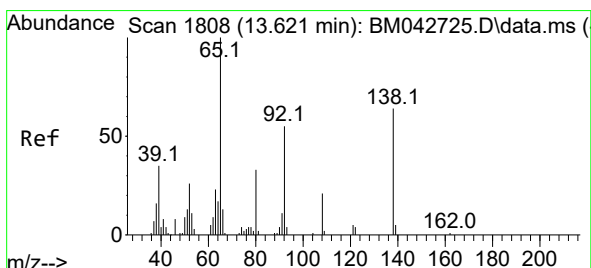
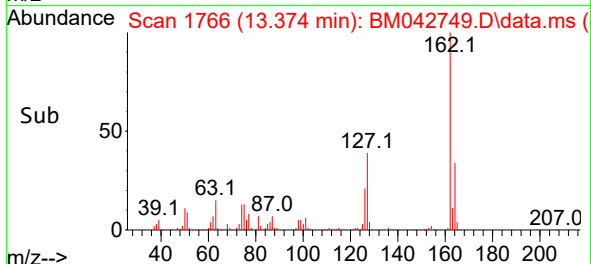
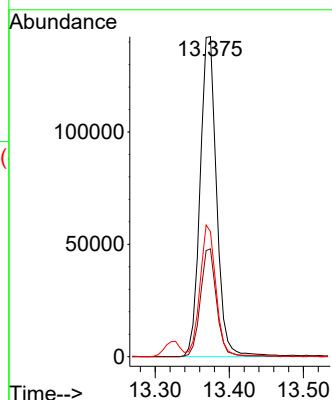
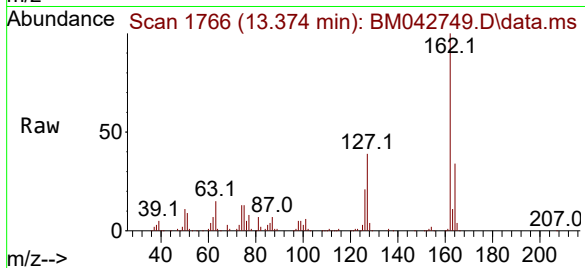
Tgt Ion:162 Resp: 220385

Ion Ratio Lower Upper

162 100

164 33.7 24.2 36.2

127 39.1 30.8 46.2



#45

2-Nitroaniline

Concen: 38.203 ng/ul

RT: 13.622 min Scan# 1808

Delta R.T. -0.006 min

Lab File: BM042749.D

Acq: 15 Nov 2023 00:23

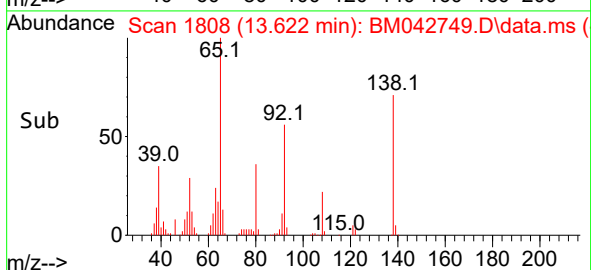
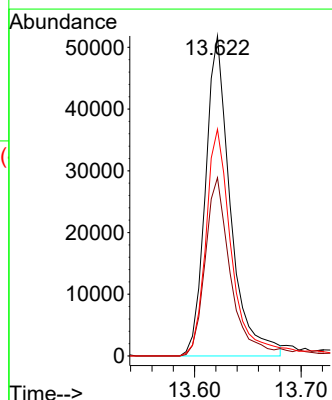
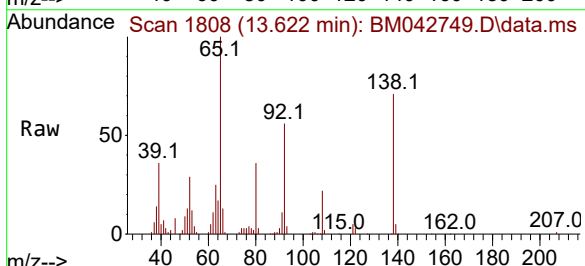
Tgt Ion: 65 Resp: 84508

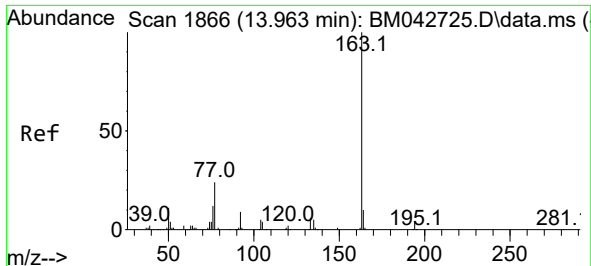
Ion Ratio Lower Upper

65 100

92 55.7 49.1 73.7

138 70.9 61.8 92.8





#47

Dimethylphthalate

Concen: 33.005 ng/ul

RT: 13.957 min Scan# 1865

Delta R.T. -0.006 min

Lab File: BM042749.D

Acq: 15 Nov 2023 00:23

Instrument :

BNA_M

ClientSampleId :

SLCS721

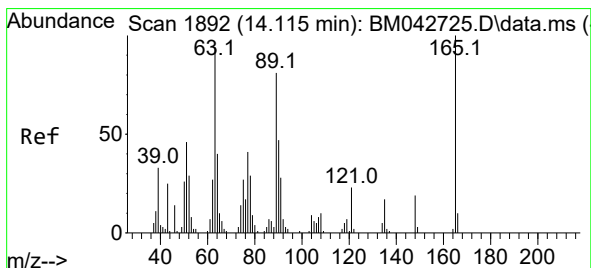
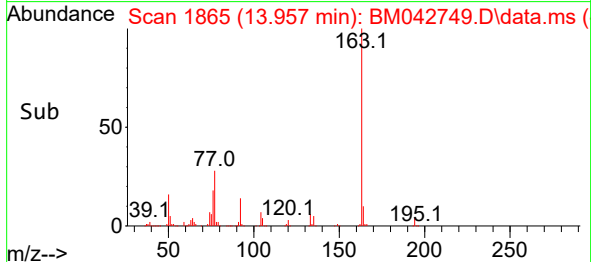
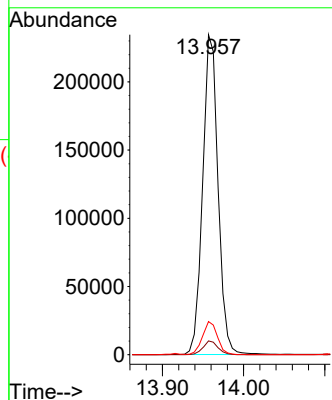
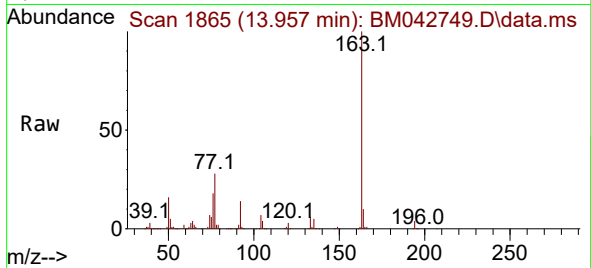
Tgt Ion:163 Resp: 307601

Ion Ratio Lower Upper

163 100

194 4.3 3.2 4.8

164 10.4 7.9 11.9



#48

2,6-Dinitrotoluene

Concen: 34.304 ng/ul

RT: 14.110 min Scan# 1891

Delta R.T. -0.006 min

Lab File: BM042749.D

Acq: 15 Nov 2023 00:23

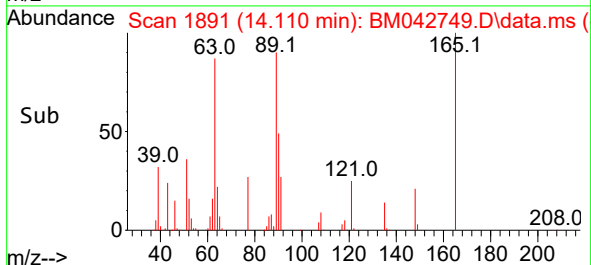
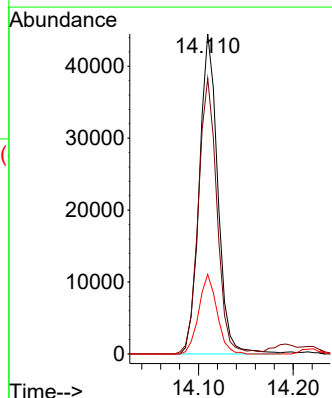
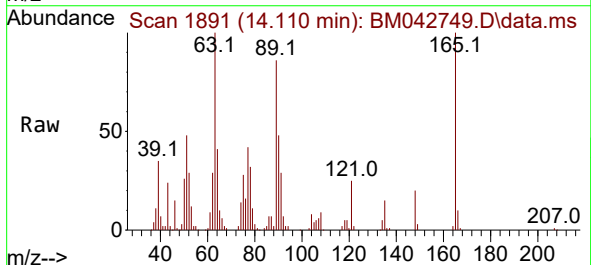
Tgt Ion:165 Resp: 60062

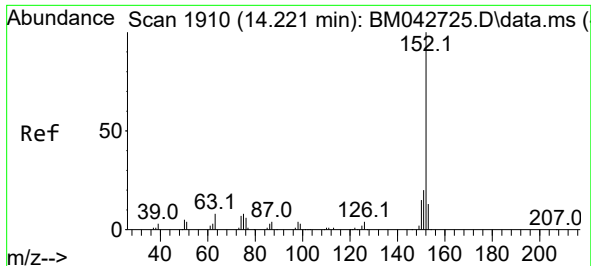
Ion Ratio Lower Upper

165 100

89 86.2 64.1 96.1

121 24.8 18.4 27.6

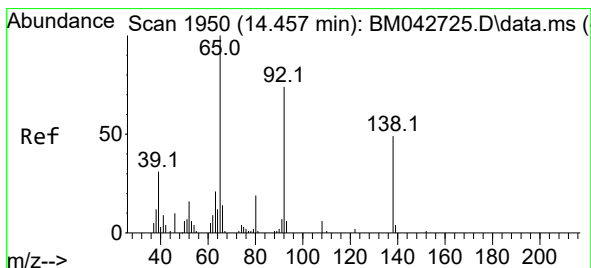
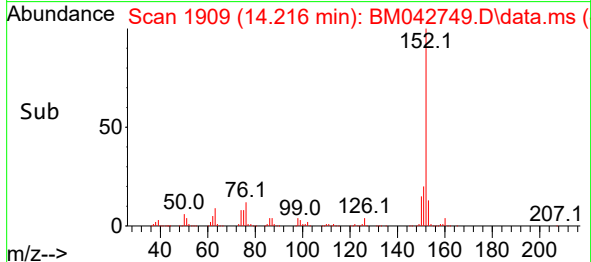
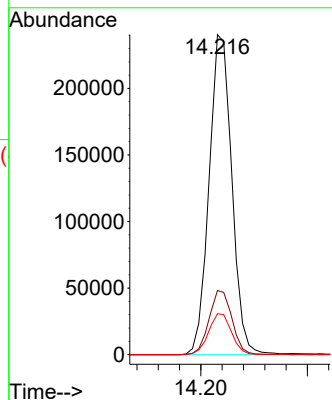
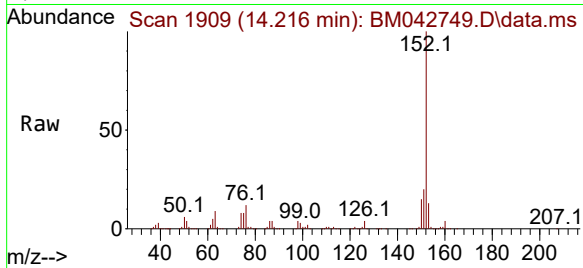




#50
Acenaphthylene
Concen: 31.074 ng/ul
RT: 14.216 min Scan# 1909
Delta R.T. -0.012 min
Lab File: BM042749.D
Acq: 15 Nov 2023 00:23

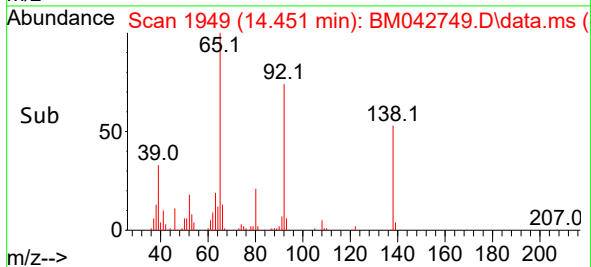
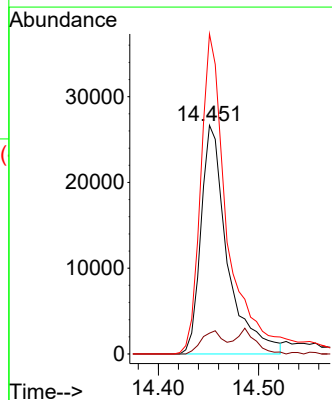
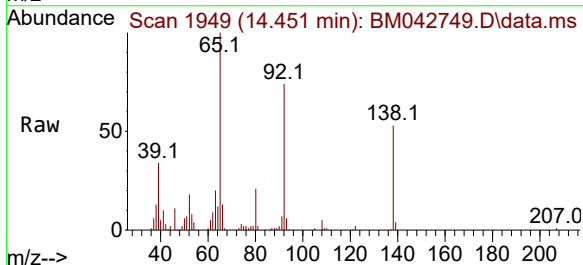
Instrument :
BNA_M
ClientSampleId :
SLCS721

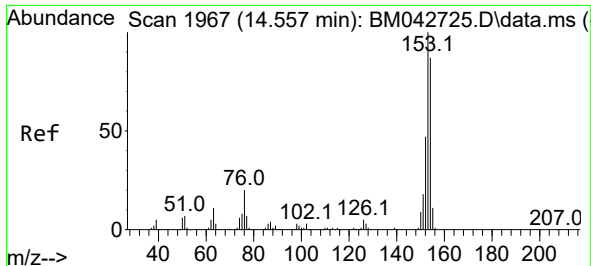
Tgt Ion:152 Resp: 356466
Ion Ratio Lower Upper
152 100
151 20.1 16.0 24.0
153 12.8 10.5 15.7



#51
3-Nitroaniline
Concen: 34.272 ng/ul
RT: 14.451 min Scan# 1949
Delta R.T. -0.006 min
Lab File: BM042749.D
Acq: 15 Nov 2023 00:23

Tgt Ion:138 Resp: 49069
Ion Ratio Lower Upper
138 100
108 9.1 8.7 13.1
92 140.0 109.4 164.0

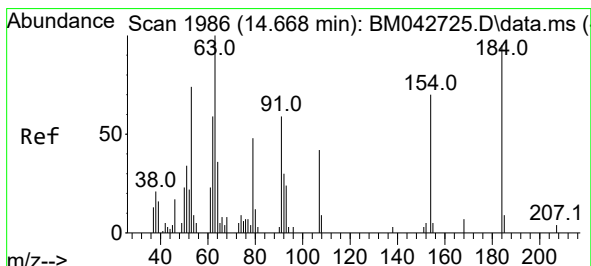
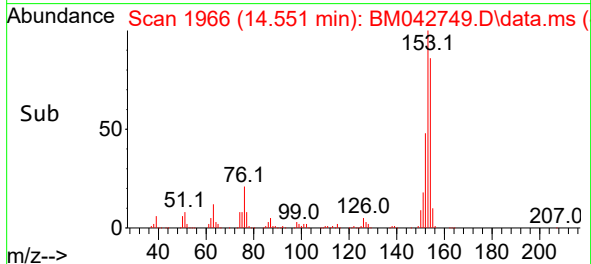
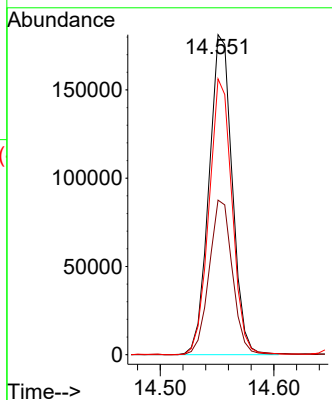
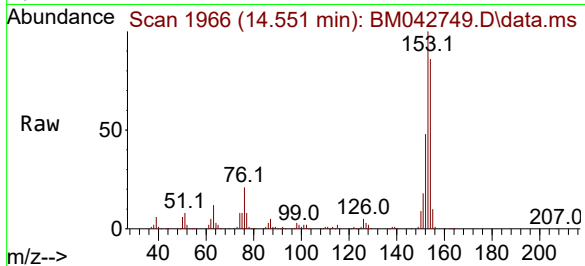




#52
Acenaphthene
Concen: 33.210 ng/ul
RT: 14.551 min Scan# 1966
Delta R.T. -0.012 min
Lab File: BM042749.D
Acq: 15 Nov 2023 00:23

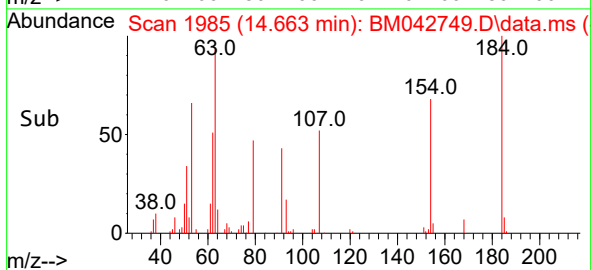
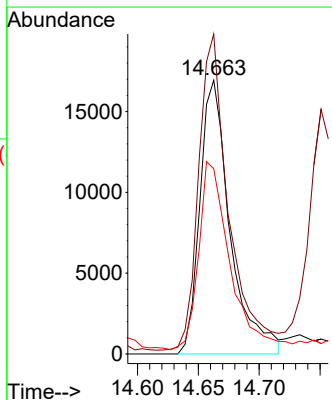
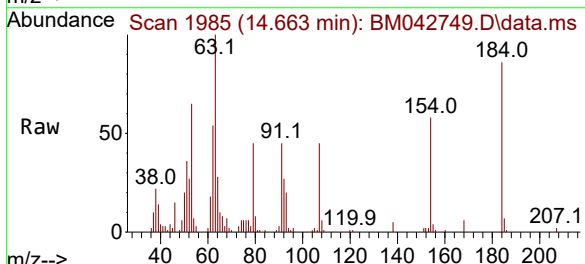
Instrument :
BNA_M
ClientSampleId :
SLCS721

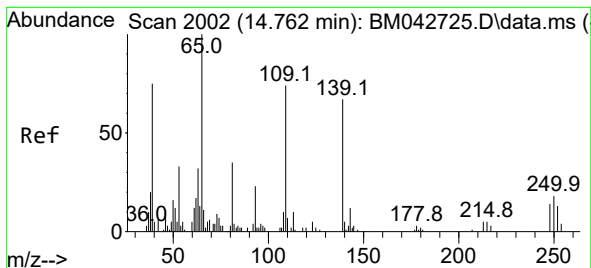
Tgt Ion:153 Resp: 257655
Ion Ratio Lower Upper
153 100
152 48.3 38.2 57.2
154 86.2 71.3 106.9



#53
2,4-Dinitrophenol
Concen: 33.590 ng/ul
RT: 14.663 min Scan# 1985
Delta R.T. -0.006 min
Lab File: BM042749.D
Acq: 15 Nov 2023 00:23

Tgt Ion:184 Resp: 29243
Ion Ratio Lower Upper
184 100
63 116.9 79.1 118.7
154 67.7 65.7 98.5

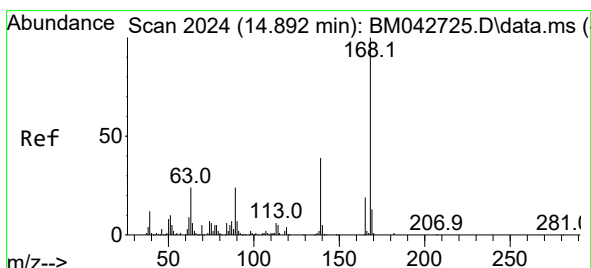
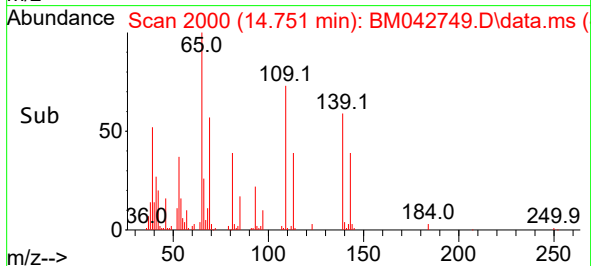
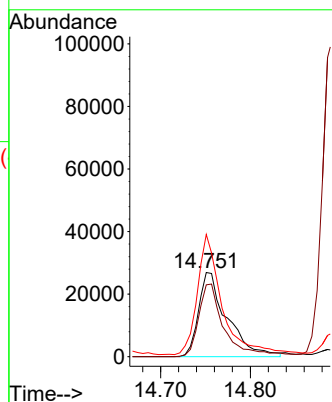
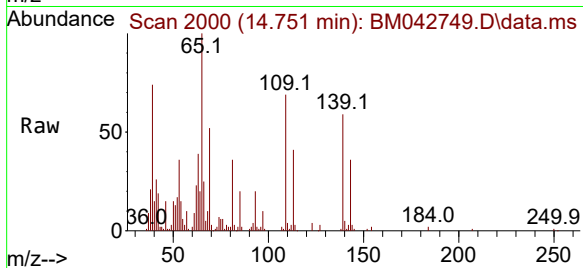




#55
4-Nitrophenol
Concen: 34.878 ng/ul
RT: 14.751 min Scan# 2000
Delta R.T. -0.006 min
Lab File: BM042749.D
Acq: 15 Nov 2023 00:23

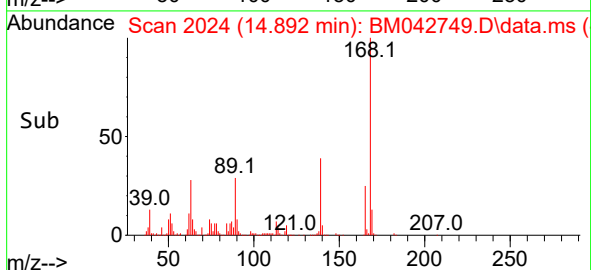
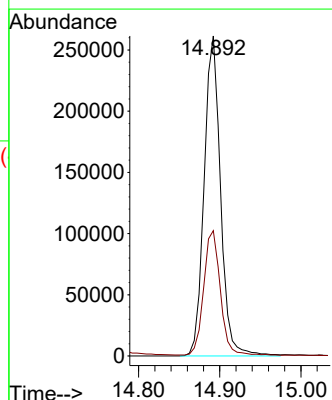
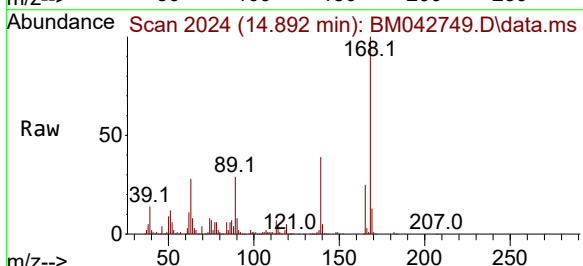
Instrument :
BNA_M
ClientSampleId :
SLCS721

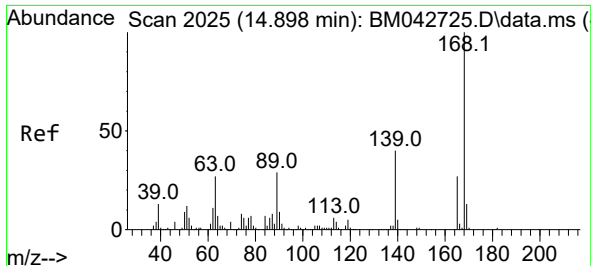
Tgt Ion:109 Resp: 59333
Ion Ratio Lower Upper
109 100
139 85.4 67.1 100.7
65 145.3 107.1 160.7



#56
Dibenzofuran
Concen: 34.143 ng/ul
RT: 14.892 min Scan# 2024
Delta R.T. -0.006 min
Lab File: BM042749.D
Acq: 15 Nov 2023 00:23

Tgt Ion:168 Resp: 367665
Ion Ratio Lower Upper
168 100
139 39.1 30.8 46.2





#57

2,4-Dinitrotoluene

Concen: 37.012 ng/ul

RT: 14.892 min Scan# 20

Delta R.T. -0.006 min

Lab File: BM042749.D

Acq: 15 Nov 2023 00:23

Instrument :

BNA_M

ClientSampleId :

SLCS721

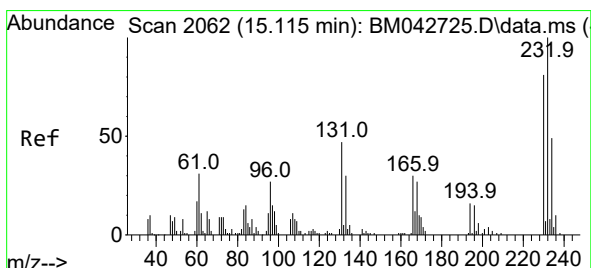
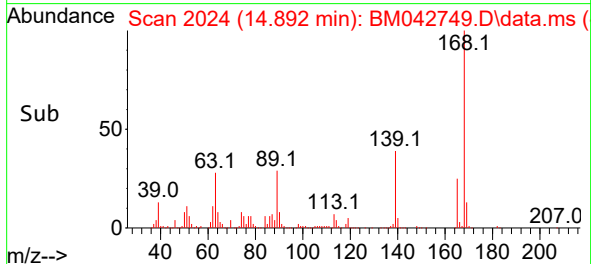
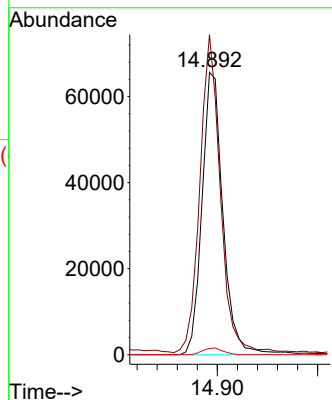
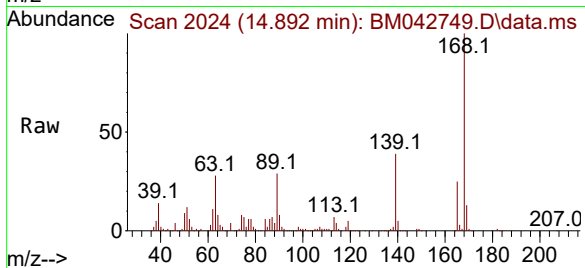
Tgt Ion:165 Resp: 95140

Ion Ratio Lower Upper

165 100

63 113.3 83.5 125.3

182 2.2 2.4 3.6#



#58

2,3,4,6-Tetrachlorophenol

Concen: 24.940 ng/ul

RT: 15.110 min Scan# 2061

Delta R.T. -0.006 min

Lab File: BM042749.D

Acq: 15 Nov 2023 00:23

Tgt Ion:232 Resp: 60544

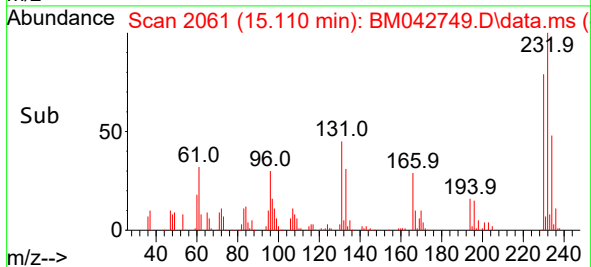
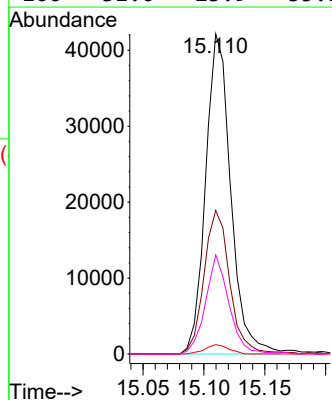
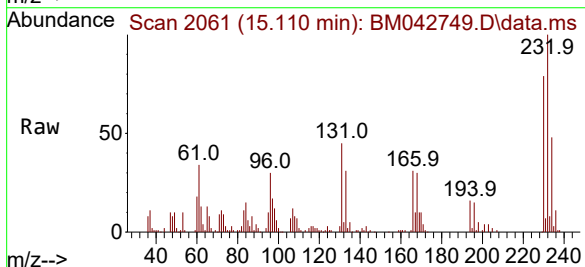
Ion Ratio Lower Upper

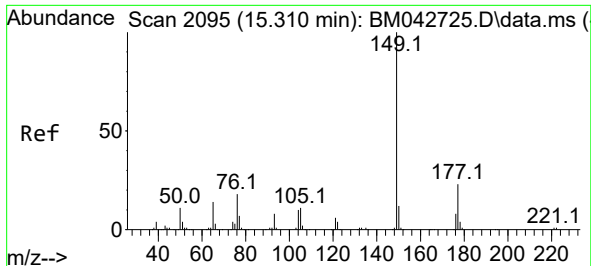
232 100

131 44.8 38.9 58.3

130 2.9 1.9 2.9#

166 31.0 23.9 35.9

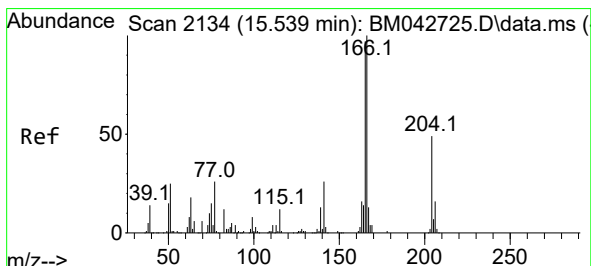
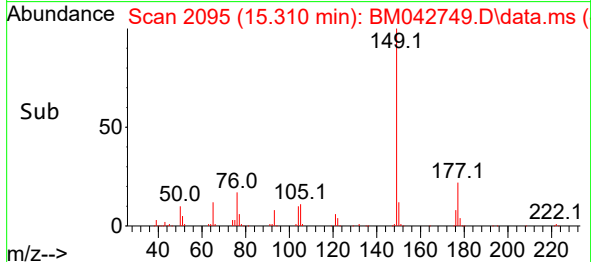
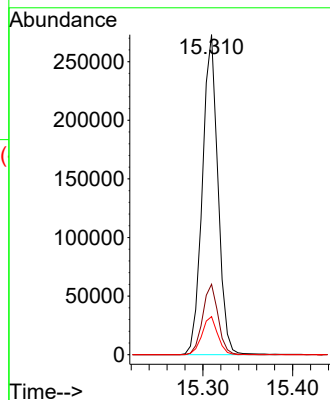
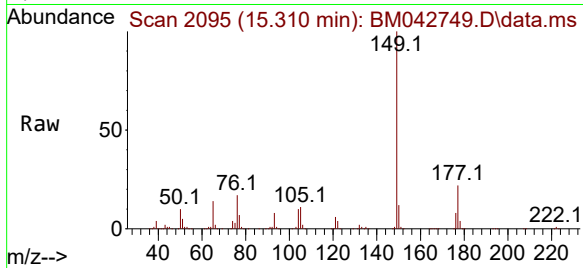




#59
Diethylphthalate
Concen: 33.622 ng/ul
RT: 15.310 min Scan# 2095
Delta R.T. -0.006 min
Lab File: BM042749.D
Acq: 15 Nov 2023 00:23

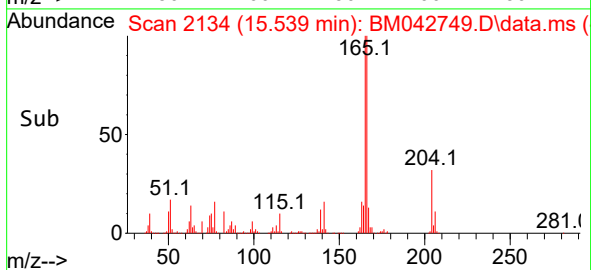
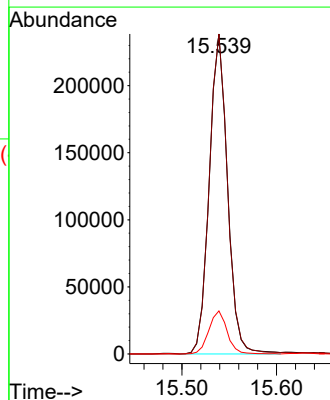
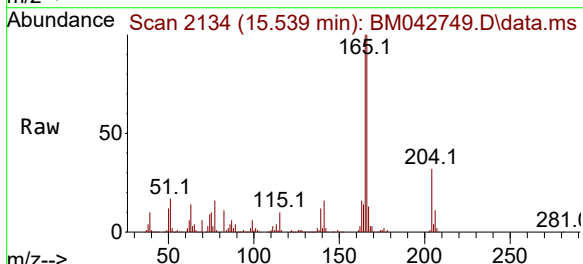
Instrument :
BNA_M
ClientSampleId :
SLCS721

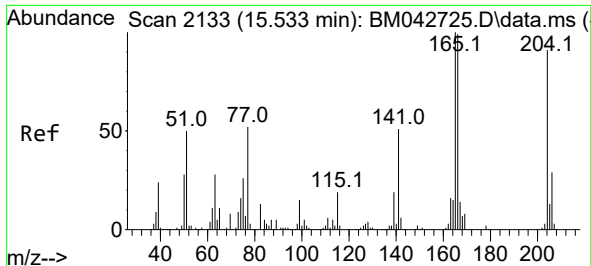
Tgt Ion:149 Resp: 328577
Ion Ratio Lower Upper
149 100
177 22.0 17.0 25.6
150 11.9 9.7 14.5



#61
Fluorene
Concen: 34.989 ng/ul
RT: 15.539 min Scan# 2134
Delta R.T. -0.006 min
Lab File: BM042749.D
Acq: 15 Nov 2023 00:23

Tgt Ion:166 Resp: 319883
Ion Ratio Lower Upper
166 100
165 99.9 79.3 118.9
167 13.4 10.6 15.8

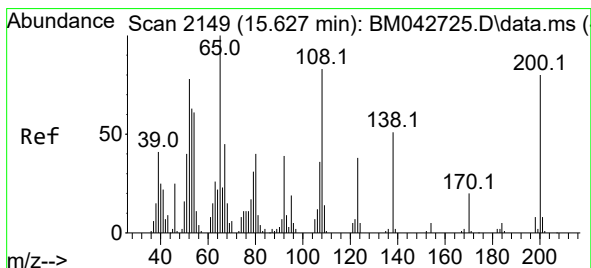
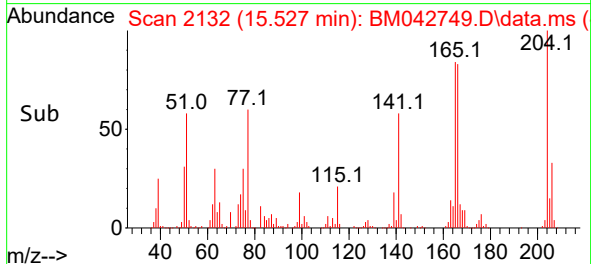
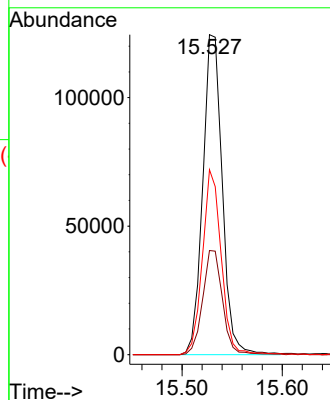
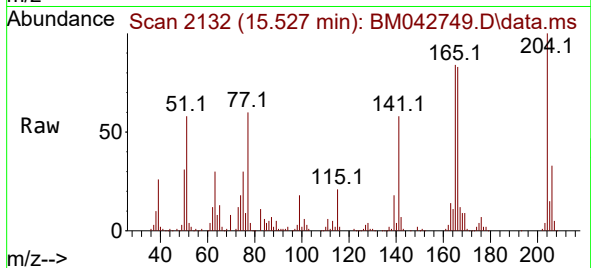




#62
4-Chlorophenyl-phenylether
Concen: 34.289 ng/ul
RT: 15.527 min Scan# 2132
Delta R.T. -0.012 min
Lab File: BM042749.D
Acq: 15 Nov 2023 00:23

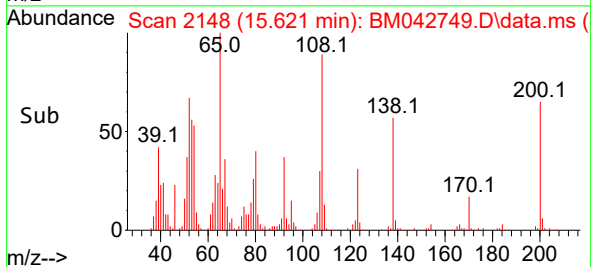
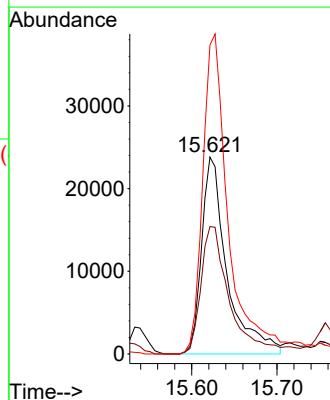
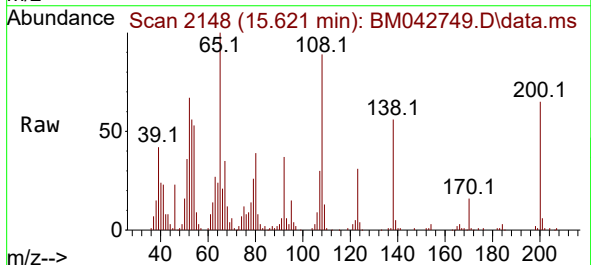
Instrument :
BNA_M
ClientSampleId :
SLCS721

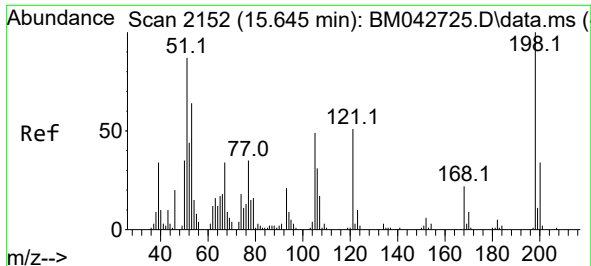
Tgt Ion:204 Resp: 168945
Ion Ratio Lower Upper
204 100
206 32.6 27.0 40.4
141 57.8 46.0 69.0



#63
4-Nitroaniline
Concen: 38.078 ng/ul
RT: 15.621 min Scan# 2148
Delta R.T. -0.006 min
Lab File: BM042749.D
Acq: 15 Nov 2023 00:23

Tgt Ion:138 Resp: 49703
Ion Ratio Lower Upper
138 100
92 64.7 47.4 71.0
108 157.0 129.5 194.3

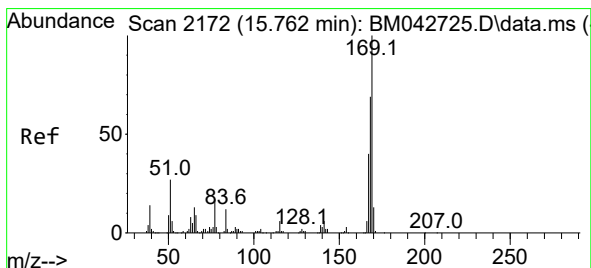
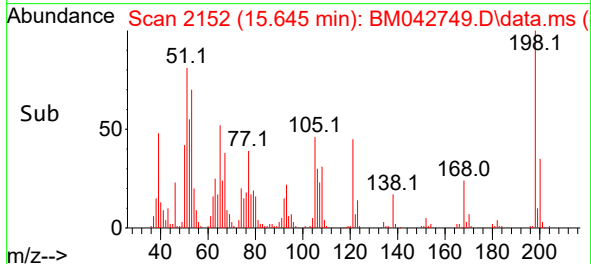
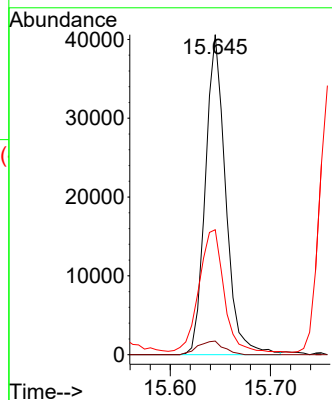
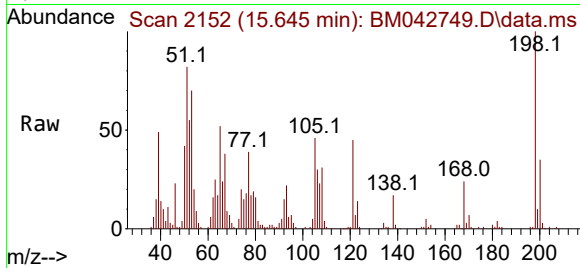




#66
 4,6-Dinitro-2-methylphenol
 Concen: 32.879 ng/ul
 RT: 15.645 min Scan# 2152
 Delta R.T. -0.006 min
 Lab File: BM042749.D
 Acq: 15 Nov 2023 00:23

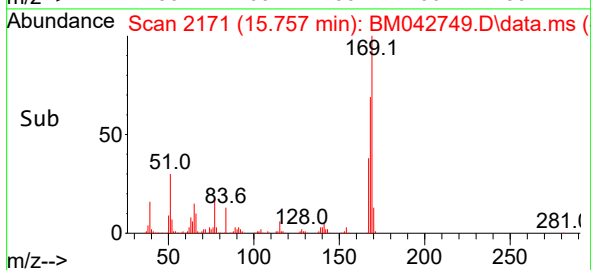
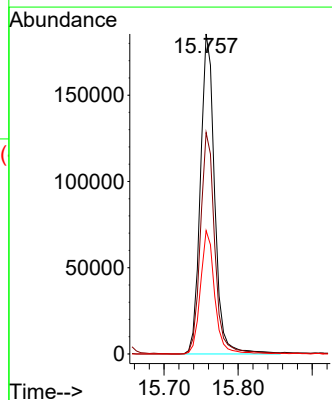
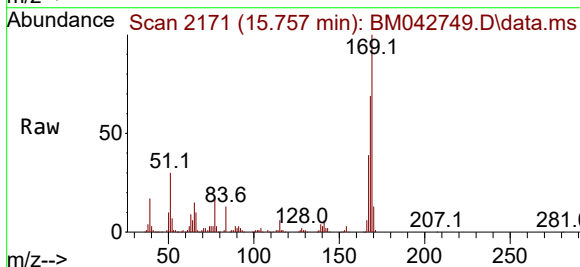
Instrument :
 BNA_M
 ClientSampleId :
 SLCS721

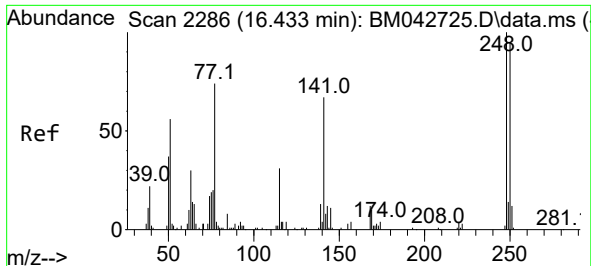
Tgt Ion:198 Resp: 57169
 Ion Ratio Lower Upper
 198 100
 182 4.3 3.4 5.0
 77 39.1 26.9 40.3



#67
 N-Nitrosodiphenylamine
 Concen: 35.033 ng/ul
 RT: 15.757 min Scan# 2171
 Delta R.T. -0.006 min
 Lab File: BM042749.D
 Acq: 15 Nov 2023 00:23

Tgt Ion:169 Resp: 247741
 Ion Ratio Lower Upper
 169 100
 168 69.2 55.8 83.6
 167 38.5 31.4 47.2

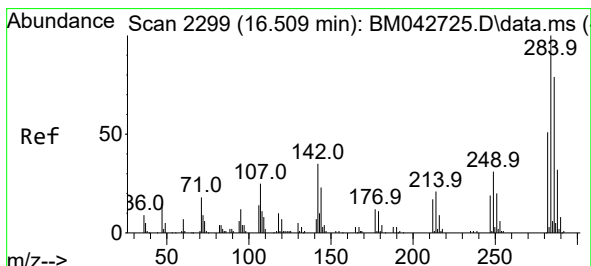
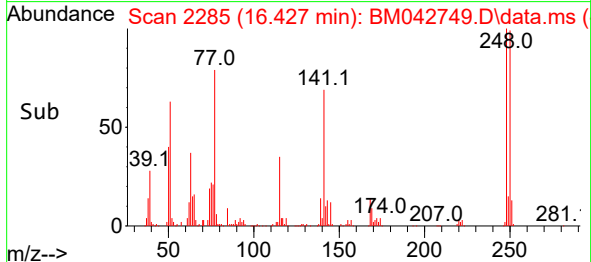
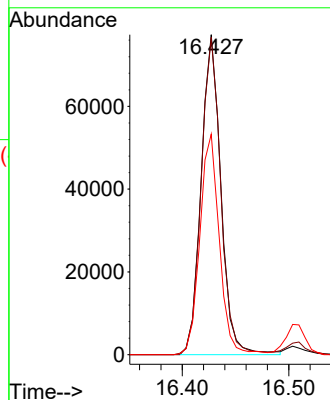
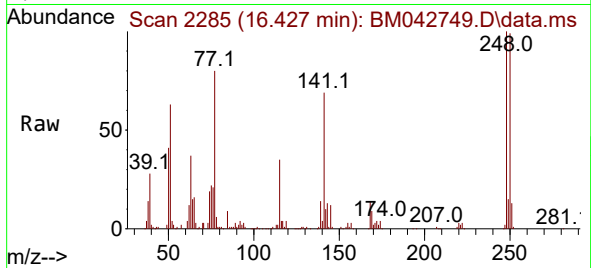




#68
4-Bromophenyl-phenylether
Concen: 33.265 ng/ul
RT: 16.427 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM042749.D
Acq: 15 Nov 2023 00:23

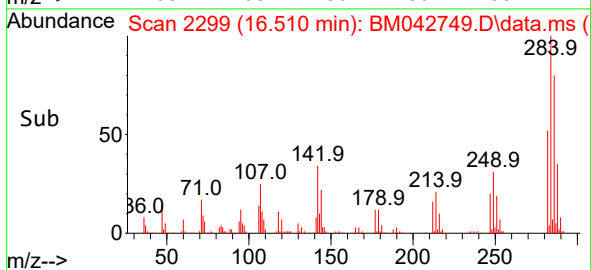
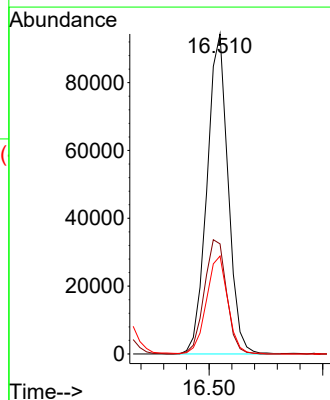
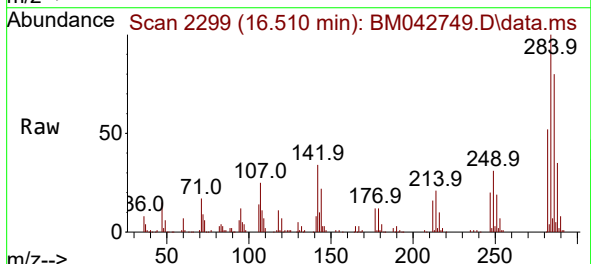
Instrument :
BNA_M
ClientSampleId :
SLCS721

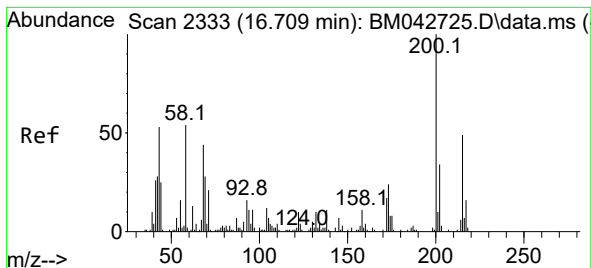
Tgt Ion:248 Resp: 99838
Ion Ratio Lower Upper
248 100
250 99.1 84.3 126.5
141 68.9 60.1 90.1



#69
Hexachlorobenzene
Concen: 33.155 ng/ul
RT: 16.510 min Scan# 2299
Delta R.T. -0.006 min
Lab File: BM042749.D
Acq: 15 Nov 2023 00:23

Tgt Ion:284 Resp: 121644
Ion Ratio Lower Upper
284 100
142 34.4 30.5 45.7
249 30.6 25.3 37.9





#70

Atrazine

Concen: 2.108 ng/ul

RT: 16.874 min Scan# 21

Delta R.T. 0.159 min

Lab File: BM042749.D

Acq: 15 Nov 2023 00:23

Instrument :

BNA_M

ClientSampleId :

SLCS721

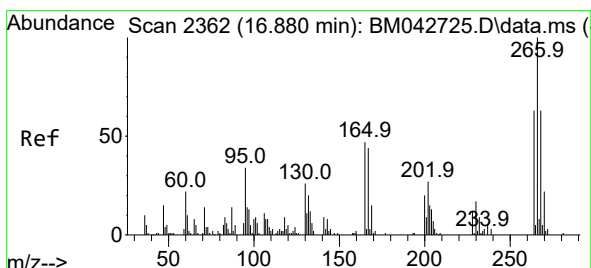
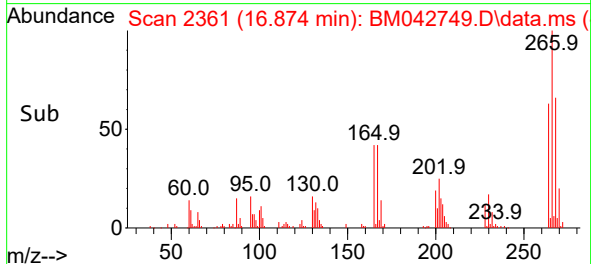
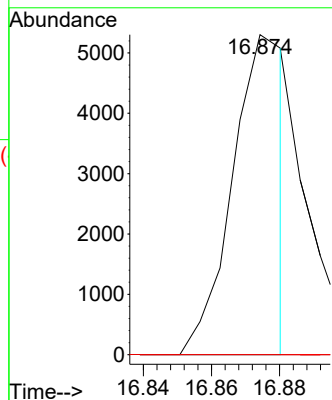
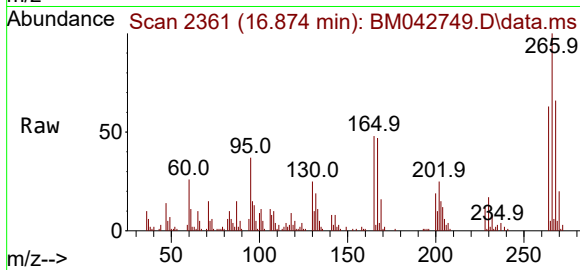
Tgt Ion:200 Resp: 5742

Ion Ratio Lower Upper

200 100

173 0.0 19.8 29.6#

215 0.0 38.2 57.2#



#71

Pentachlorophenol

Concen: 20.403 ng/ul

RT: 16.874 min Scan# 2361

Delta R.T. -0.012 min

Lab File: BM042749.D

Acq: 15 Nov 2023 00:23

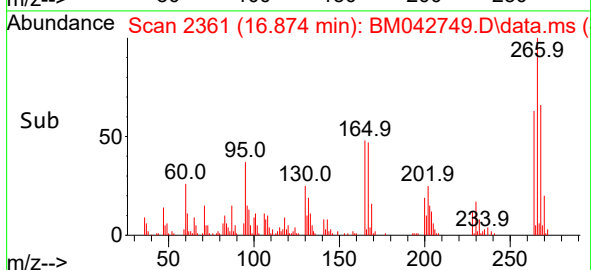
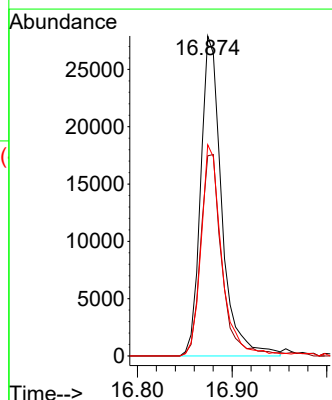
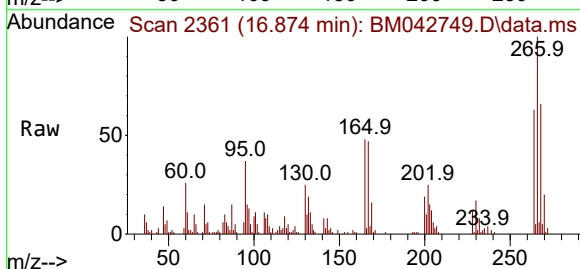
Tgt Ion:266 Resp: 43106

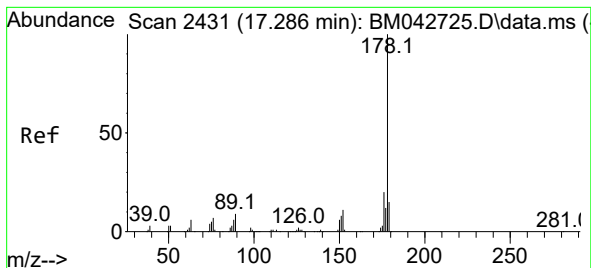
Ion Ratio Lower Upper

266 100

264 62.6 50.3 75.5

268 66.0 52.1 78.1





#72

Phenanthrene

Concen: 35.039 ng/u1

RT: 17.286 min Scan# 2431

Delta R.T. -0.006 min

Lab File: BM042749.D

Acq: 15 Nov 2023 00:23

Instrument :

BNA_M

ClientSampleId :

SLCS721

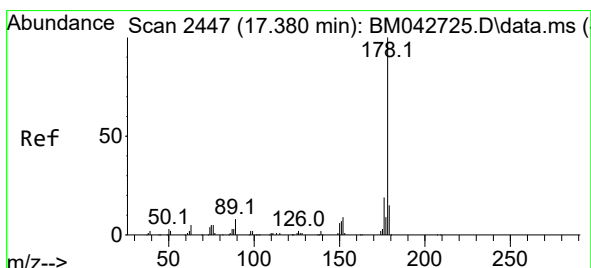
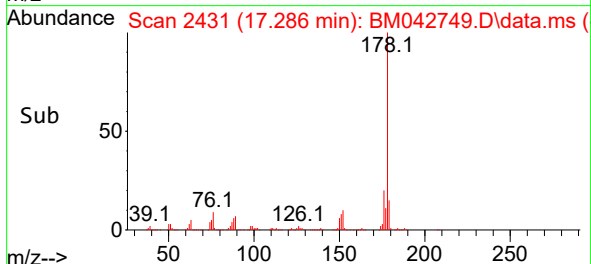
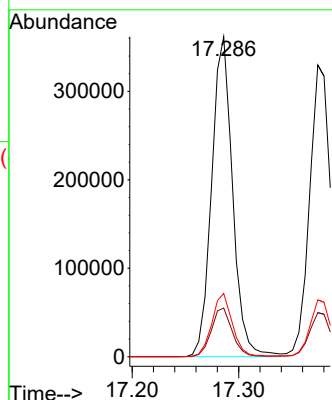
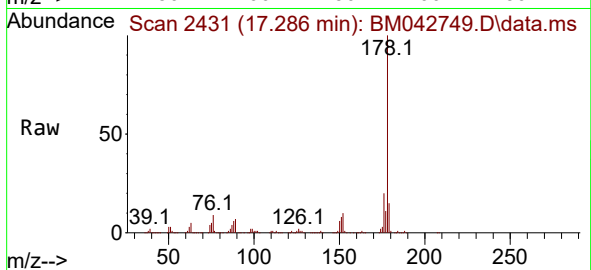
Tgt Ion:178 Resp: 493559

Ion Ratio Lower Upper

178 100

179 15.2 11.4 17.2

176 19.7 15.5 23.3



#74

Anthracene

Concen: 33.962 ng/u1

RT: 17.374 min Scan# 2446

Delta R.T. -0.012 min

Lab File: BM042749.D

Acq: 15 Nov 2023 00:23

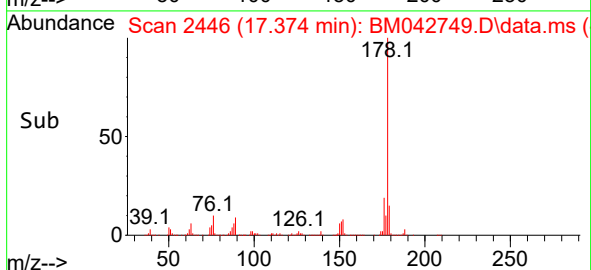
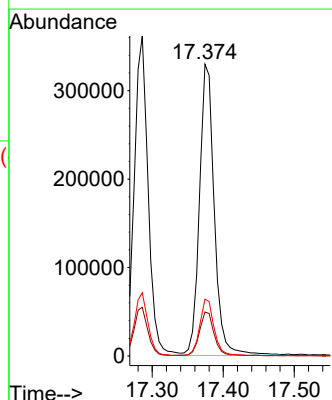
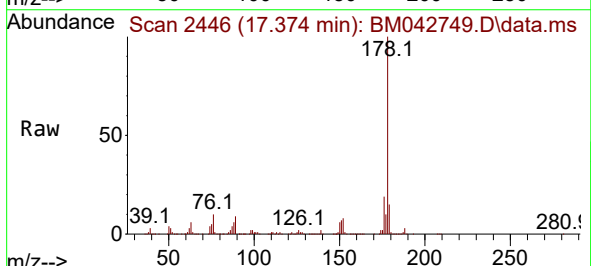
Tgt Ion:178 Resp: 481192

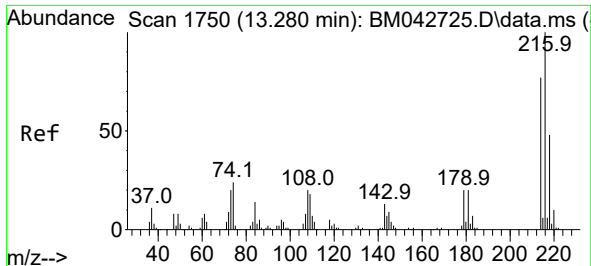
Ion Ratio Lower Upper

178 100

179 15.1 12.0 18.0

176 19.5 15.7 23.5

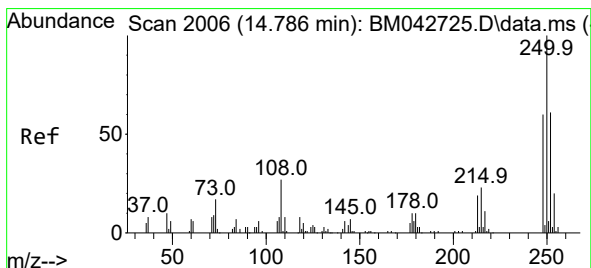
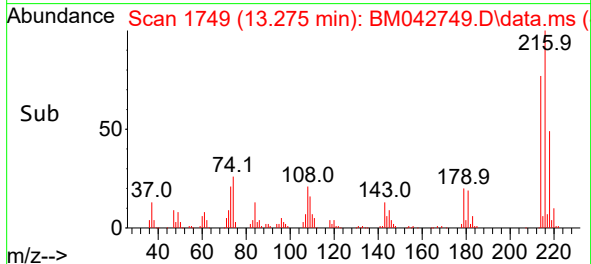
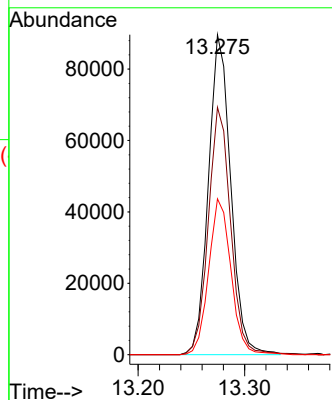
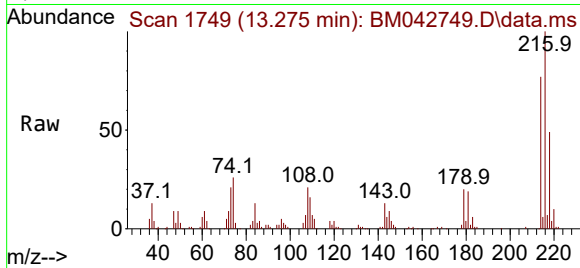




#75
1,2,3,4-Tetrachlorobenzene
Concen: 32.763 ng/uL
RT: 13.275 min Scan# 1
Delta R.T. -0.012 min
Lab File: BM042749.D
Acq: 15 Nov 2023 00:23

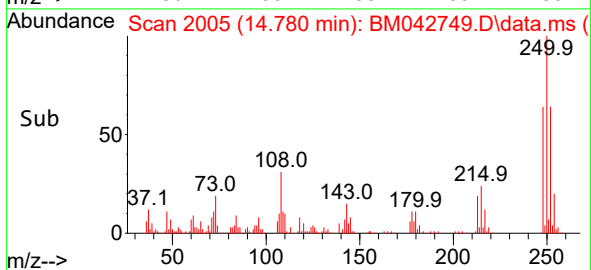
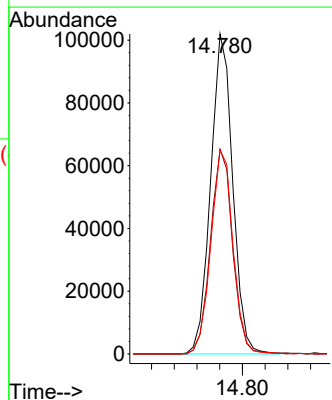
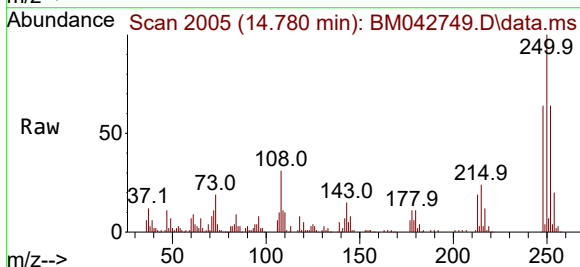
Instrument :
BNA_M
ClientSampleId :
SLCS721

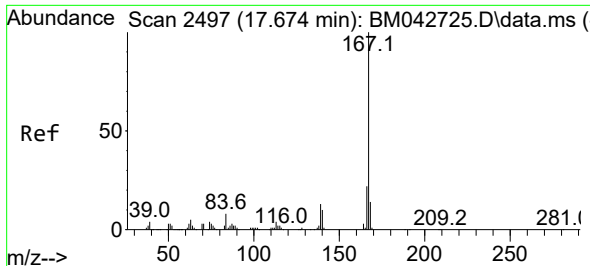
Tgt Ion:216 Resp: 130625
Ion Ratio Lower Upper
216 100
214 77.3 62.6 94.0
218 48.7 39.3 58.9



#76
Pentachlorobenzene
Concen: 32.901 ng/uL
RT: 14.780 min Scan# 2005
Delta R.T. -0.012 min
Lab File: BM042749.D
Acq: 15 Nov 2023 00:23

Tgt Ion:250 Resp: 137634
Ion Ratio Lower Upper
250 100
248 64.0 51.0 76.6
252 63.7 51.8 77.8

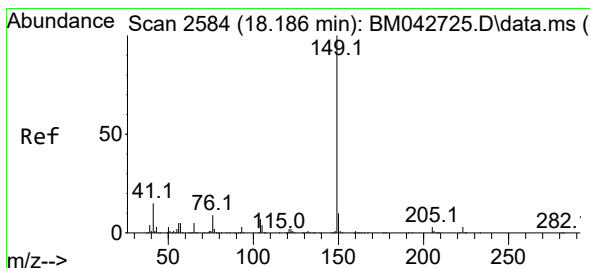
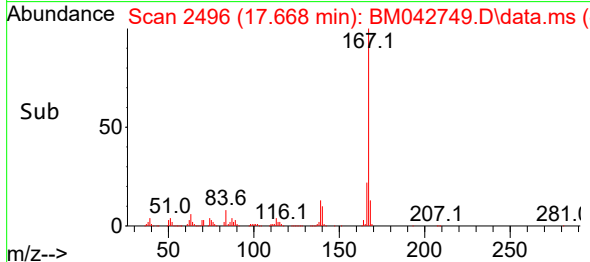
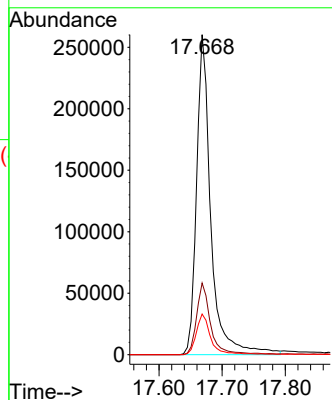
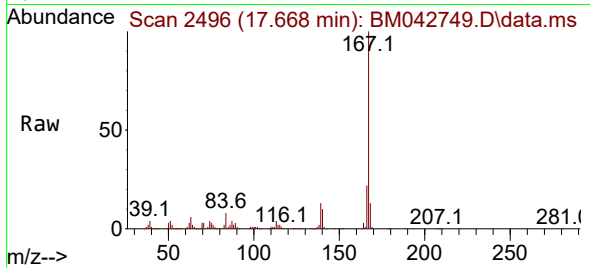




#77
 Carbazole
 Concen: 34.893 ng/ul
 RT: 17.668 min Scan# 2496
 Delta R.T. -0.006 min
 Lab File: BM042749.D
 Acq: 15 Nov 2023 00:23

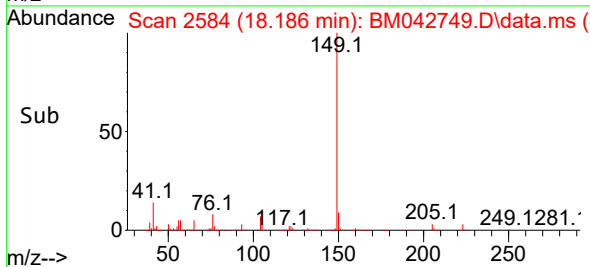
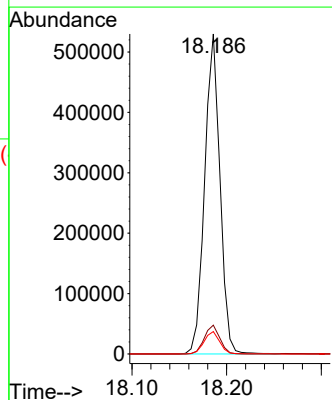
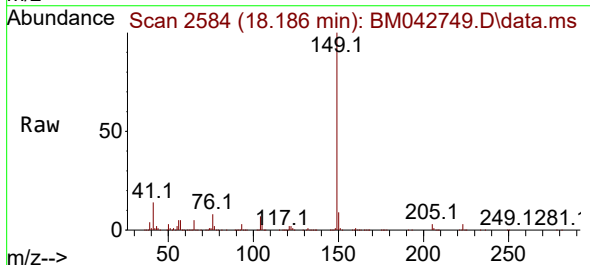
Instrument :
 BNA_M
 ClientSampleId :
 SLCS721

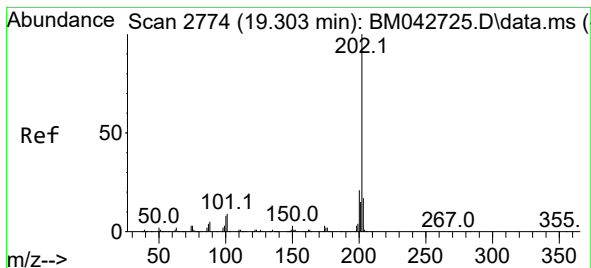
Tgt Ion:167 Resp: 408214
 Ion Ratio Lower Upper
 167 100
 166 22.4 17.2 25.8
 139 12.7 10.8 16.2



#78
 Di-n-butylphthalate
 Concen: 34.678 ng/ul
 RT: 18.186 min Scan# 2584
 Delta R.T. -0.006 min
 Lab File: BM042749.D
 Acq: 15 Nov 2023 00:23

Tgt Ion:149 Resp: 593264
 Ion Ratio Lower Upper
 149 100
 150 9.0 7.7 11.5
 104 7.0 5.3 7.9





#80

Fluoranthene

Concen: 32.858 ng/ul

RT: 19.298 min Scan# 21

Delta R.T. -0.012 min

Lab File: BM042749.D

Acq: 15 Nov 2023 00:23

Instrument :

BNA_M

ClientSampleId :

SLCS721

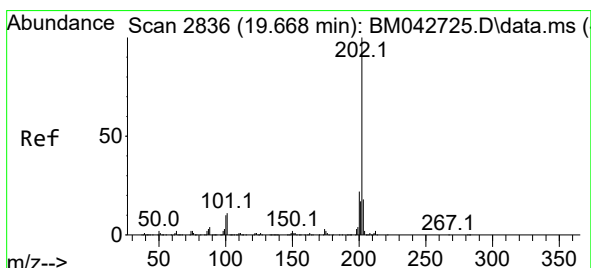
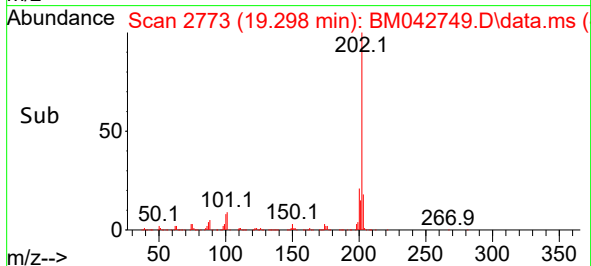
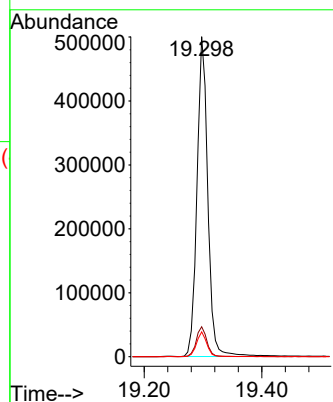
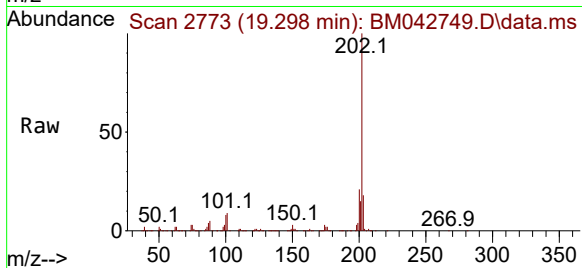
Tgt Ion:202 Resp: 640817

Ion Ratio Lower Upper

202 100

101 9.4 6.6 9.8

100 7.7 5.6 8.4



#82

Pyrene

Concen: 33.589 ng/ul

RT: 19.668 min Scan# 2836

Delta R.T. -0.006 min

Lab File: BM042749.D

Acq: 15 Nov 2023 00:23

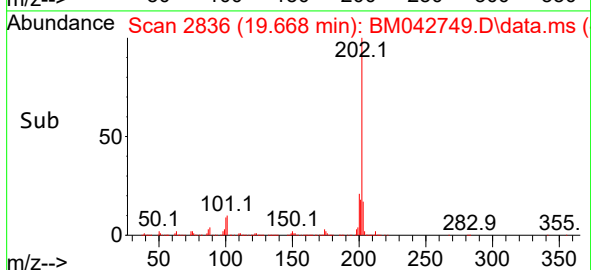
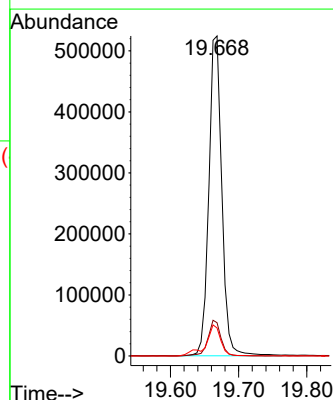
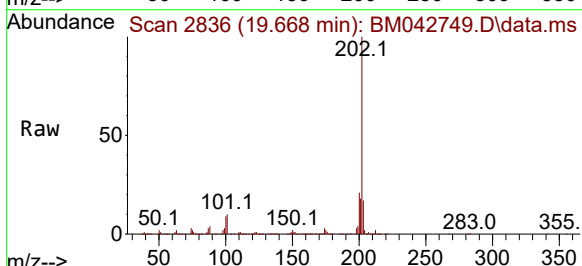
Tgt Ion:202 Resp: 694593

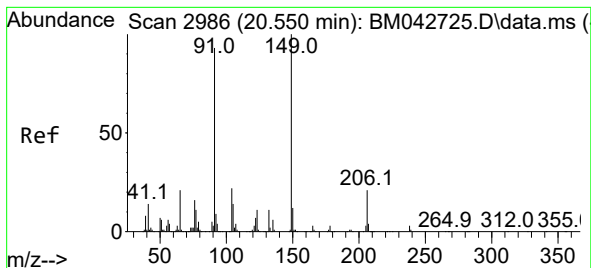
Ion Ratio Lower Upper

202 100

101 10.4 8.1 12.1

100 8.7 6.9 10.3





#83

Butylbenzylphthalate

Concen: 32.272 ng/ul

RT: 20.545 min Scan# 2986

Delta R.T. -0.012 min

Lab File: BM042749.D

Acq: 15 Nov 2023 00:23

Instrument :

BNA_M

ClientSampleId :

SLCS721

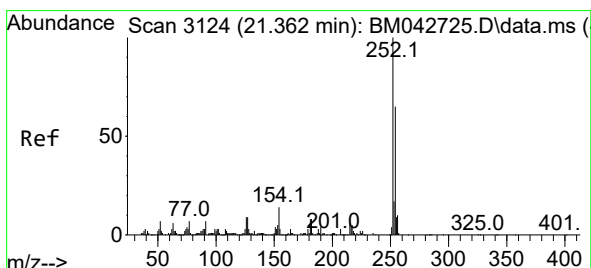
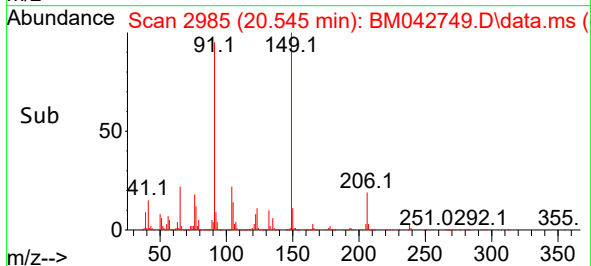
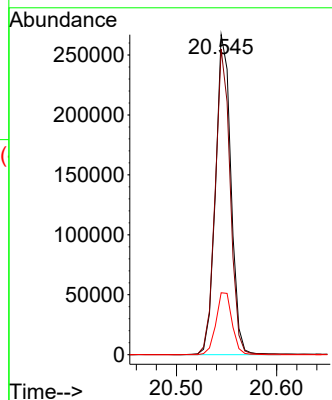
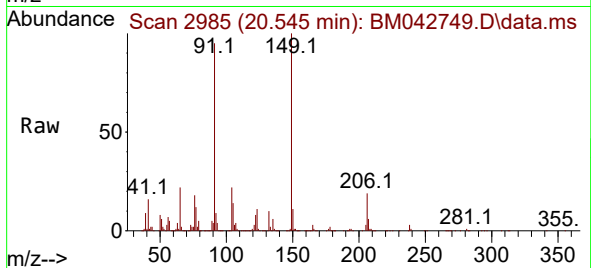
Tgt Ion:149 Resp: 285039

Ion Ratio Lower Upper

149 100

91 95.5 69.3 103.9

206 19.4 16.6 25.0



#84

3,3'-Dichlorobenzidine

Concen: 30.351 ng/ul

RT: 21.350 min Scan# 3122

Delta R.T. -0.012 min

Lab File: BM042749.D

Acq: 15 Nov 2023 00:23

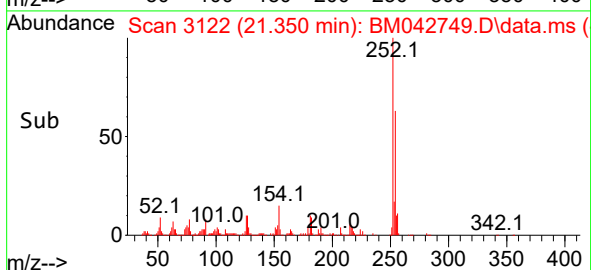
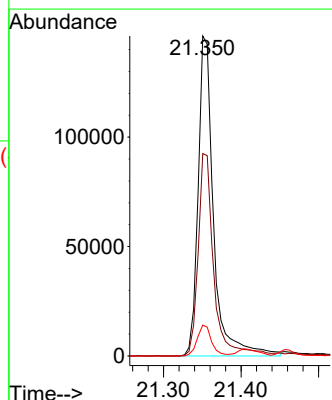
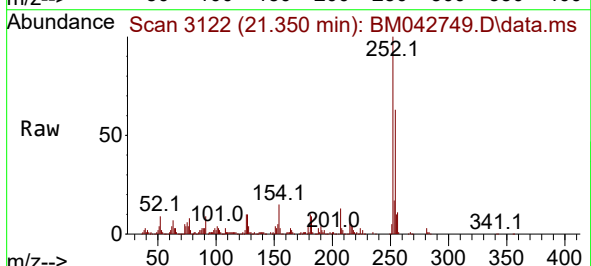
Tgt Ion:252 Resp: 202902

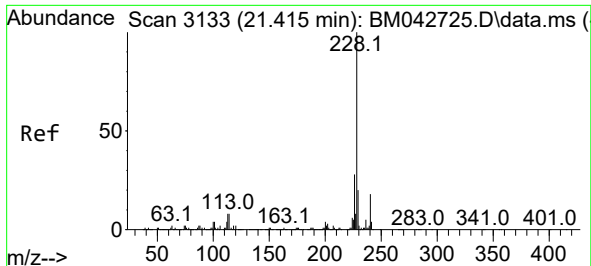
Ion Ratio Lower Upper

252 100

254 63.3 51.8 77.6

126 9.7 7.8 11.8

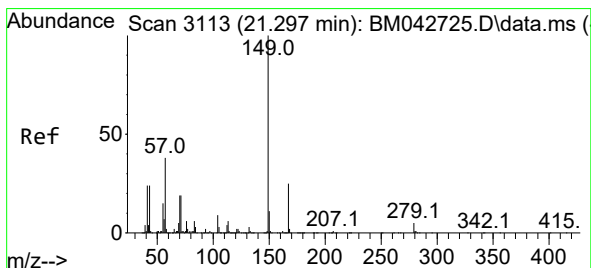
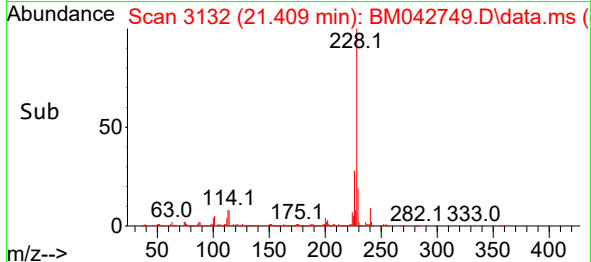
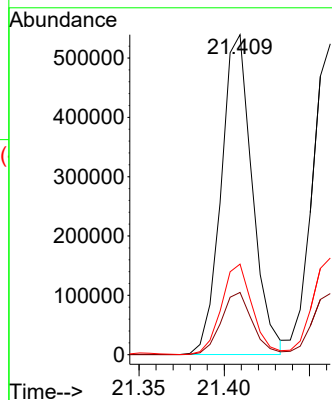
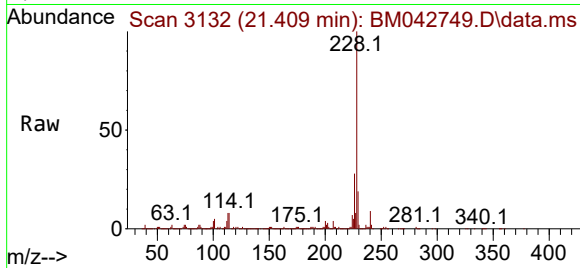




#85
Benzo(a)anthracene
Concen: 33.453 ng/ul
RT: 21.409 min Scan# 3112
Delta R.T. -0.006 min
Lab File: BM042749.D
Acq: 15 Nov 2023 00:23

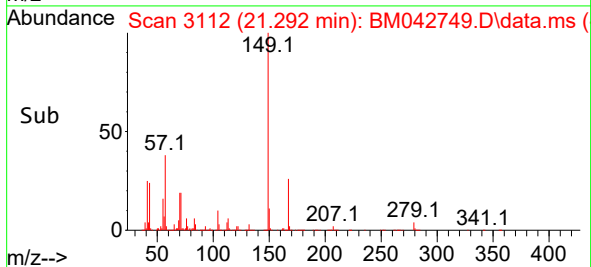
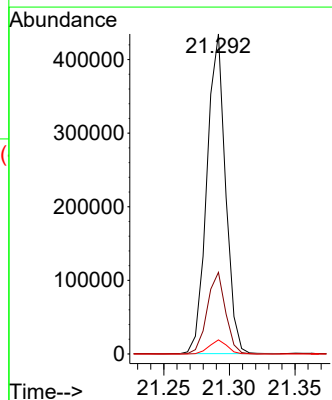
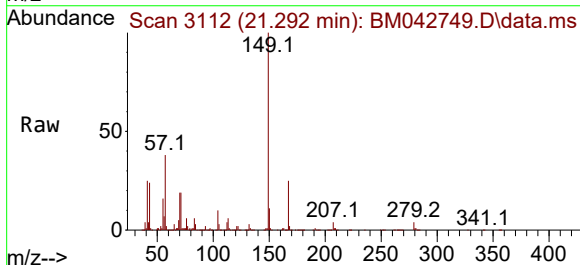
Instrument :
BNA_M
ClientSampleId :
SLCS721

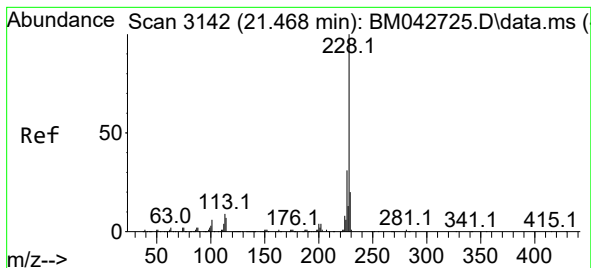
Tgt Ion:228 Resp: 685936
Ion Ratio Lower Upper
228 100
229 19.4 15.8 23.6
226 28.3 22.5 33.7



#86
Bis(2-ethylhexyl)phthalate
Concen: 32.053 ng/ul
RT: 21.292 min Scan# 3112
Delta R.T. -0.006 min
Lab File: BM042749.D
Acq: 15 Nov 2023 00:23

Tgt Ion:149 Resp: 429535
Ion Ratio Lower Upper
149 100
167 25.5 20.6 31.0
279 4.4 3.5 5.3





#87

Chrysene

Concen: 33.335 ng/ul

RT: 21.462 min Scan# 3142

Delta R.T. -0.006 min

Lab File: BM042749.D

Acq: 15 Nov 2023 00:23

Instrument :

BNA_M

ClientSampleId :

SLCS721

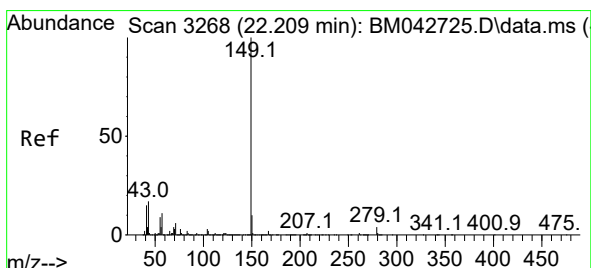
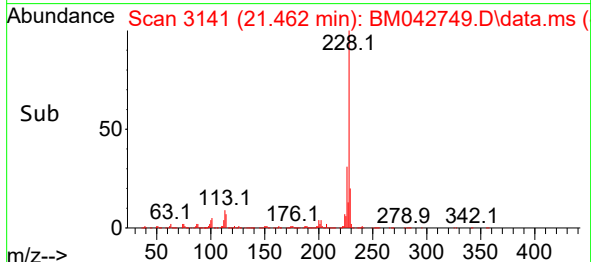
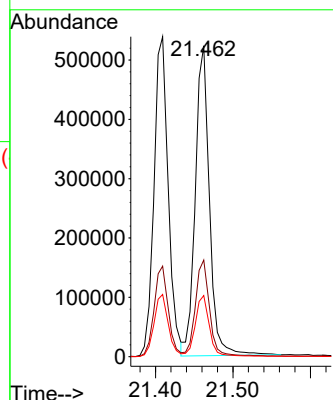
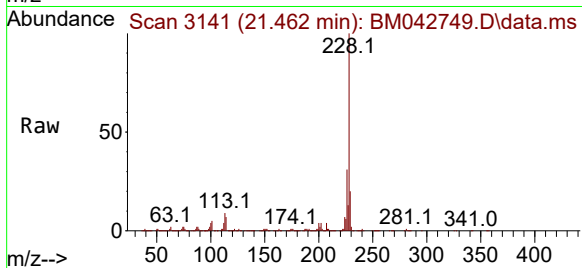
Tgt Ion:228 Resp: 662892

Ion Ratio Lower Upper

228 100

226 31.1 24.3 36.5

229 19.6 15.7 23.5



#89

Di-n-octyl phthalate

Concen: 35.616 ng/ul

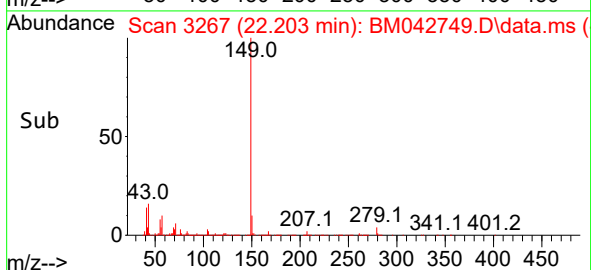
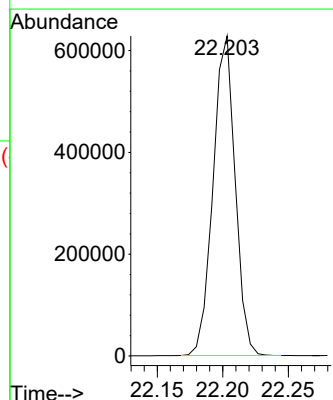
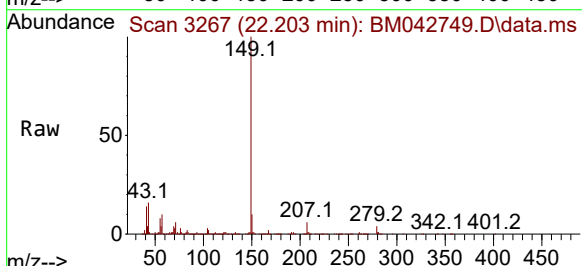
RT: 22.203 min Scan# 3267

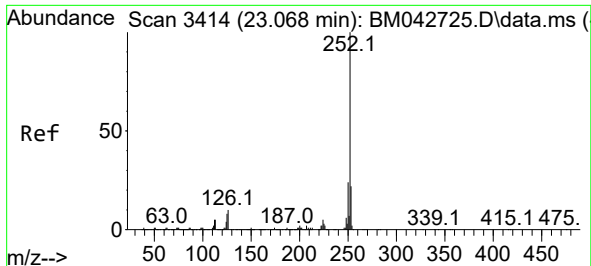
Delta R.T. -0.012 min

Lab File: BM042749.D

Acq: 15 Nov 2023 00:23

Tgt Ion:149 Resp: 735675

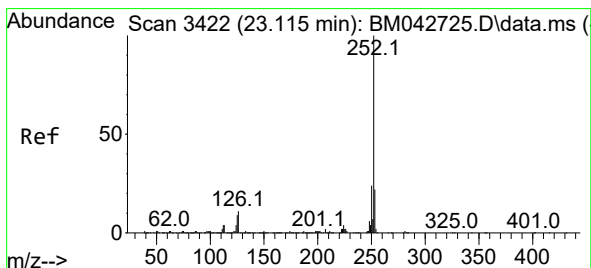
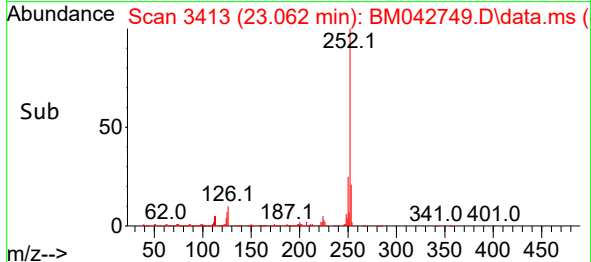
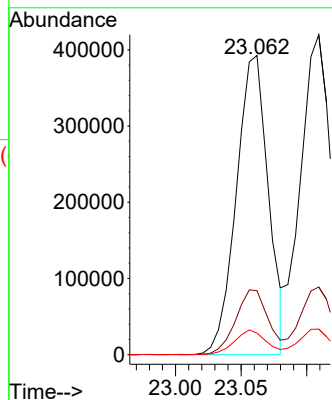
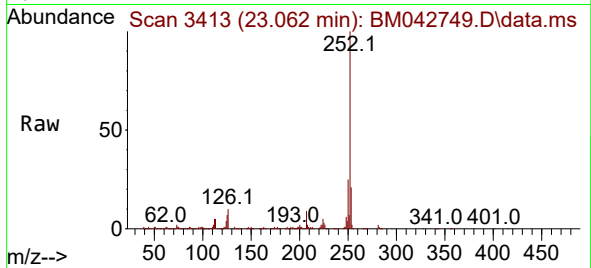




#90
Benzo(b)fluoranthene
Concen: 38.289 ng/ul
RT: 23.062 min Scan# 3414
Delta R.T. -0.012 min
Lab File: BM042749.D
Acq: 15 Nov 2023 00:23

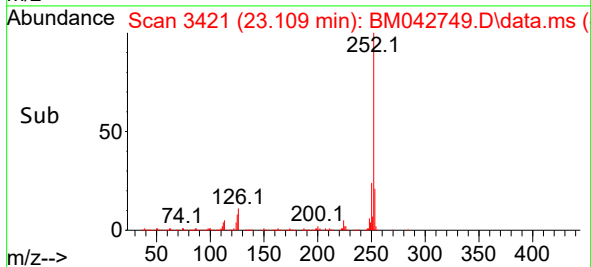
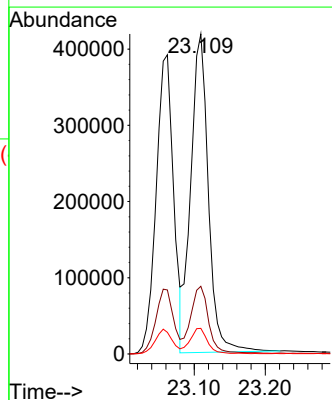
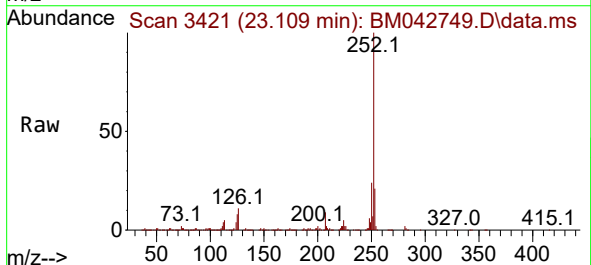
Instrument :
BNA_M
ClientSampleId :
SLCS721

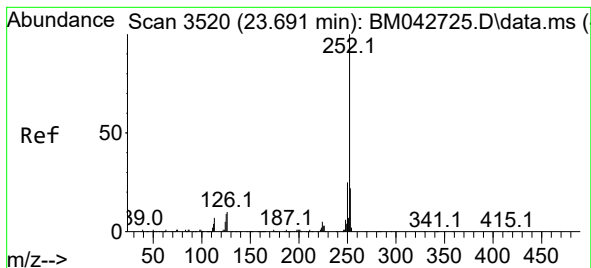
Tgt Ion:252 Resp: 668192
Ion Ratio Lower Upper
252 100
253 21.4 17.0 25.6
125 7.2 5.2 7.8



#91
Benzo(k)fluoranthene
Concen: 38.699 ng/ul
RT: 23.109 min Scan# 3421
Delta R.T. -0.012 min
Lab File: BM042749.D
Acq: 15 Nov 2023 00:23

Tgt Ion:252 Resp: 718901
Ion Ratio Lower Upper
252 100
253 21.1 17.5 26.3
125 8.0 5.5 8.3





#93

Benzo(a)pyrene

Concen: 35.875 ng/ul

RT: 23.686 min Scan# 3

Delta R.T. -0.012 min

Lab File: BM042749.D

Acq: 15 Nov 2023 00:23

Instrument :

BNA_M

ClientSampleId :

SLCS721

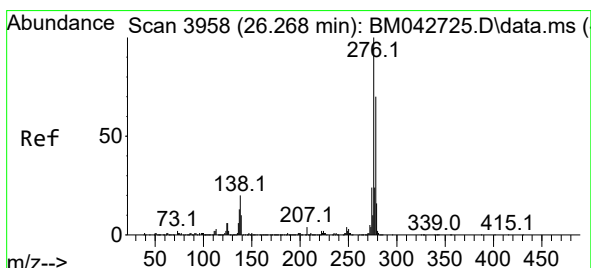
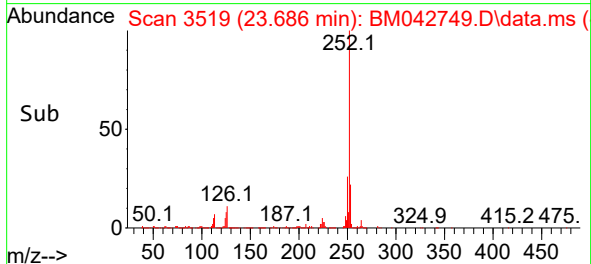
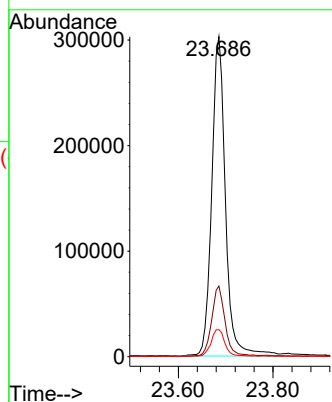
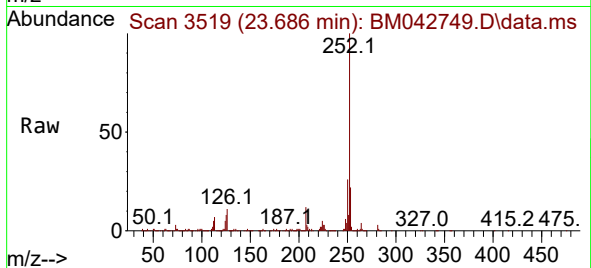
Tgt Ion:252 Resp: 610056

Ion Ratio Lower Upper

252 100

253 22.0 17.0 25.6

125 8.5 6.3 9.5



#94

Indeno(1,2,3-cd)pyrene

Concen: 38.738 ng/ul

RT: 26.262 min Scan# 3957

Delta R.T. -0.018 min

Lab File: BM042749.D

Acq: 15 Nov 2023 00:23

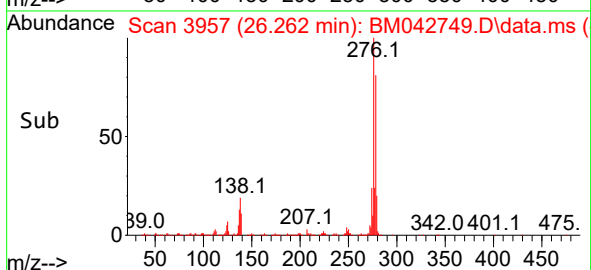
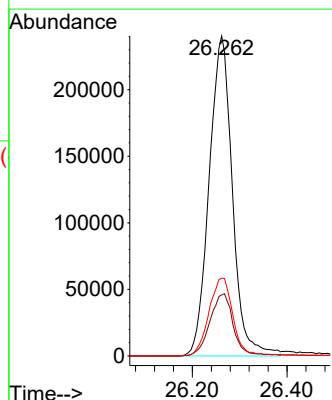
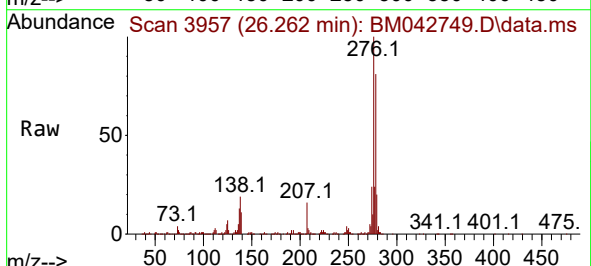
Tgt Ion:276 Resp: 818673

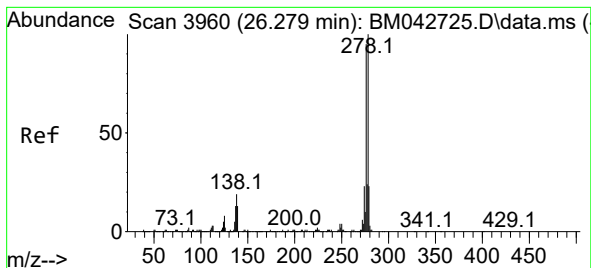
Ion Ratio Lower Upper

276 100

138 19.0 13.8 20.8

277 24.3 19.7 29.5





#95

Dibenzo(a,h)anthracene

Concen: 38.695 ng/ul

RT: 26.274 min Scan# 3959

Delta R.T. -0.024 min

Lab File: BM042749.D

Acq: 15 Nov 2023 00:23

Instrument :

BNA_M

ClientSampleId :

SLCS721

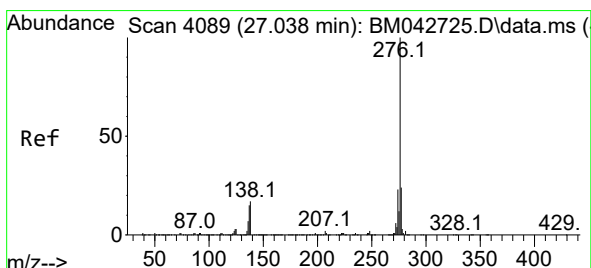
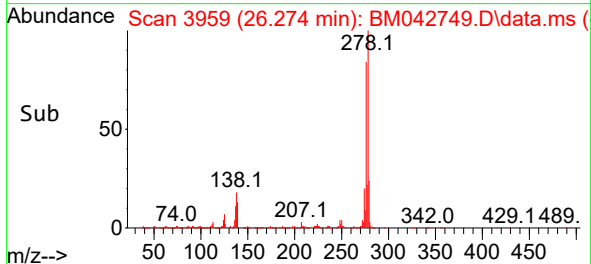
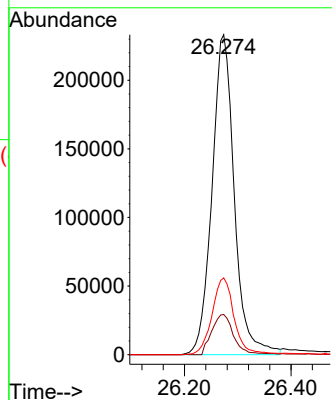
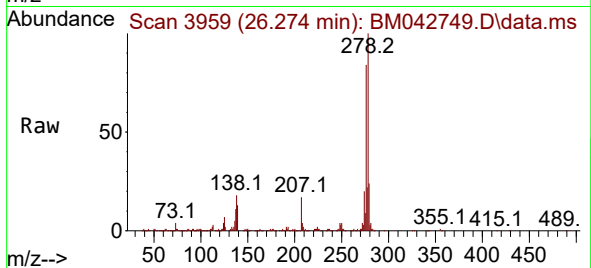
Tgt Ion:278 Resp: 677975

Ion Ratio Lower Upper

278 100

139 12.5 9.0 13.4

279 24.0 18.8 28.2



#96

Benzo(g,h,i)perylene

Concen: 38.411 ng/ul

RT: 27.032 min Scan# 4088

Delta R.T. -0.018 min

Lab File: BM042749.D

Acq: 15 Nov 2023 00:23

Tgt Ion:276 Resp: 644607

Ion Ratio Lower Upper

276 100

138 15.9 13.0 19.6

277 23.2 18.4 27.6

