

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101424\
 Data File : BM048099.D
 Acq On : 16 Oct 2024 22:27
 Operator : RC/JU
 Sample : PB163982BS
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS982

Quant Time: Oct 16 23:06:11 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM092724.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Oct 10 05:10:14 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.775	152	297992	20.000	ng/ul	-0.01
20) Naphthalene-d8	10.569	136	1275223	20.000	ng/ul	-0.01
38) Acenaphthene-d10	14.416	164	792515	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.157	188	1524570	20.000	ng/ul	0.00
79) Chrysene-d12	21.386	240	1278912	20.000	ng/ul	0.00
88) Perylene-d12	24.380	264	1444640	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.240	96	36444	3.952	ng/uL	0.00
4) Pyridine-d5	3.652	84	525627	19.468	ng/ul	0.00
7) Phenol-d5	6.957	99	671358	23.826	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.110	67	394669	19.738	ng/ul	0.00
11) 2-Chlorophenol-d4	7.316	132	579697	28.276	ng/ul	0.00
15) 4-Methylphenol-d8	8.492	113	540433	25.796	ng/ul	0.00
21) Nitrobenzene-d5	8.934	128	284072	27.978	ng/ul	0.00
24) 2-Nitrophenol-d4	9.657	143	319027	32.788	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.198	165	557890	28.702	ng/ul	0.00
31) 4-Chloroaniline-d4	10.704	131	723662	24.082	ng/ul	-0.01
46) Dimethylphthalate-d6	13.827	166	1494688	26.014	ng/ul	0.00
49) Acenaphthylene-d8	14.110	160	1773598	26.034	ng/ul	0.00
54) 4-Nitrophenol-d4	14.633	143	280239	24.497	ng/ul	0.01
60) Fluorene-d10	15.410	176	1273204	25.582	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.539	200	181721	20.369	ng/ul	0.00
73) Anthracene-d10	17.256	188	1892994	25.252	ng/ul	0.00
81) Pyrene-d10	19.545	212	2120735	29.217	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.180	264	2055780	27.427	ng/ul	0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.269	88	75529	7.499	ng/uL#	86
5) Pyridine	3.669	79	541868	19.064	ng/ul	88
6) Benzaldehyde	6.922	77	337222	22.006	ng/ul	86
8) Phenol	6.981	94	707875	23.610	ng/ul#	89
10) Bis(2-Chloroethyl)ether	7.204	93	553674	23.175	ng/ul	86
12) 2-Chlorophenol	7.345	128	594425	27.369	ng/ul#	89
13) 2-Methylphenol	8.228	108	535976	25.637	ng/ul	97
14) 2,2'-oxybis(1-Chloropr...	8.298	45	790686	17.581	ng/ul#	93
16) Acetophenone	8.598	105	844214	23.550	ng/ul#	87
17) N-Nitroso-di-n-propyla...	8.586	70	405711	21.368	ng/ul#	84
18) 4-Methylphenol	8.557	108	592174	25.205	ng/ul	97
19) Hexachloroethane	8.857	117	233676	23.936	ng/ul	84
22) Nitrobenzene	8.975	77	616533	21.376	ng/ul#	89
23) Isophorone	9.504	82	1193153	23.125	ng/ul#	94
25) 2-Nitrophenol	9.686	139	341483	30.678	ng/ul#	84
26) 2,4-Dimethylphenol	9.751	107	505734	21.204	ng/ul	93
27) Bis(2-Chloroethoxy)met...	9.980	93	737249	23.362	ng/ul	97
29) 2,4-Dichlorophenol	10.228	162	564666	28.134	ng/ul	97
30) Naphthalene	10.622	128	1865363	25.430	ng/ul	100
32) 4-Chloroaniline	10.733	127	621059	20.990	ng/ul	100
33) Hexachlorobutadiene	10.904	225	360632	27.195	ng/ul	98
35) 4-Chloro-3-methylphenol	11.869	107	560736	26.990	ng/ul	94
36) 2-Methylnaphthalene	12.233	142	1245969	26.734	ng/ul	97
37) 1-Methylnaphthalene	12.451	142	1242989	26.213	ng/ul	99

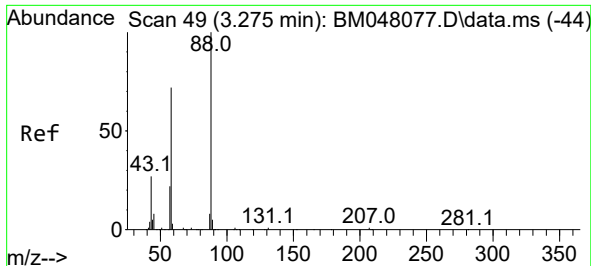
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) 1,2,4,5-Tetrachloroben...	12.604	216	662770	25.690	ng/ul#	95
40) Hexachlorocyclopentadiene	12.586	237	209673	13.437	ng/ul	99
41) 2,4,6-Trichlorophenol	12.851	196	432215	28.956	ng/ul	99
42) 2,4,5-Trichlorophenol	12.927	196	463699	28.408	ng/ul	96
43) 1,1'-Biphenyl	13.245	154	1594067	25.122	ng/ul#	97
44) 2-Chloronaphthalene	13.292	162	1262688	25.730	ng/ul	96
45) 2-Nitroaniline	13.498	65	342965	22.015	ng/ul#	70
47) Dimethylphthalate	13.874	163	1518529	26.096	ng/ul	99
48) 2,6-Dinitrotoluene	13.992	165	317849	31.102	ng/ul#	79
50) Acenaphthylene	14.139	152	1969019	25.629	ng/ul	99
51) 3-Nitroaniline	14.321	138	342444	27.687	ng/ul	83
52) Acenaphthene	14.480	153	1314279	24.200	ng/ul	98
53) 2,4-Dinitrophenol	14.539	184	117362	18.585	ng/ul#	70
55) 4-Nitrophenol	14.645	109	194915	20.293	ng/ul	83
56) Dibenzoofuran	14.815	168	1838058	25.143	ng/ul	96
57) 2,4-Dinitrotoluene	14.786	165	447989	29.187	ng/ul#	74
58) 2,3,4,6-Tetrachlorophenol	15.045	232	367390	28.554	ng/ul#	96
59) Diethylphthalate	15.239	149	1500656	25.775	ng/ul	98
61) Fluorene	15.463	166	1428576	23.423	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.457	204	714617	24.796	ng/ul	95
63) 4-Nitroaniline	15.486	138	350055	29.141	ng/ul	90
66) 4,6-Dinitro-2-methylph...	15.551	198	200338	20.265	ng/ul#	84
67) N-Nitrosodiphenylamine	15.674	169	1222694	25.737	ng/ul	99
68) 4-Bromophenyl-phenylether	16.351	248	448481	28.538	ng/ul	95
69) Hexachlorobenzene	16.468	284	525689	28.745	ng/ul	92
70) Atrazine	16.621	200	298419	18.870	ng/ul	98
71) Pentachlorophenol	16.815	266	317746	27.324	ng/ul	99
72) Phenanthrene	17.198	178	2215131	24.776	ng/ul	99
74) Anthracene	17.292	178	2223400	24.382	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.216	216	649394	25.726	ng/uL	98
76) Pentachlorobenzene	14.739	250	614838	24.954	ng/uL	97
77) Carbazole	17.562	167	2068202	25.022	ng/ul	98
78) Di-n-butylphthalate	18.121	149	2642560	28.717	ng/ul#	98
80) Fluoranthene	19.215	202	2517410	29.448	ng/ul	98
82) Pyrene	19.574	202	2645274	27.802	ng/ul	98
83) Butylbenzylphthalate	20.468	149	1196617	35.574	ng/ul#	83
84) 3,3'-Dichlorobenzidine	21.292	252	752000	27.827	ng/ul	99
85) Benzo(a)anthracene	21.368	228	2489255	27.799	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.286	149	1690807	33.480	ng/ul#	96
87) Chrysene	21.433	228	2345998	26.874	ng/ul	99
89) Di-n-octyl phthalate	22.409	149	3026671	32.482	ng/ul	100
90) Benzo(b)fluoranthene	23.438	252	2508500	27.844	ng/ul	99
91) Benzo(k)fluoranthene	23.497	252	2410174	26.163	ng/ul	99
93) Benzo(a)pyrene	24.244	252	2224400	25.998	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	27.768	276	2945486	26.863	ng/ul	99
95) Dibenzo(a,h)anthracene	27.815	278	2399856	26.707	ng/ul	98
96) Benzo(g,h,i)perylene	28.826	276	2302684	26.804	ng/ul	98

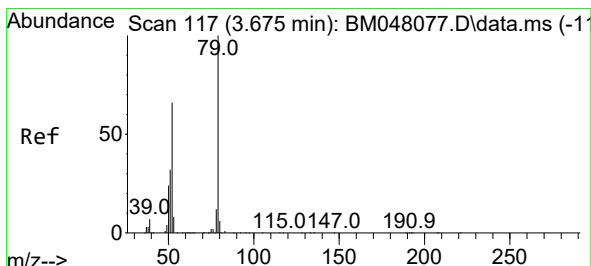
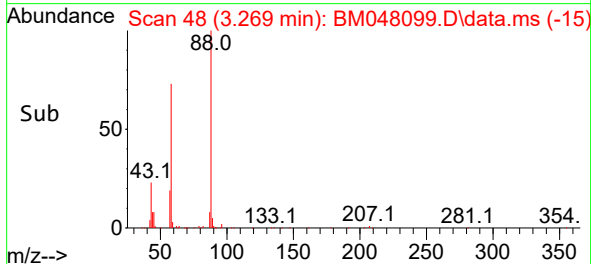
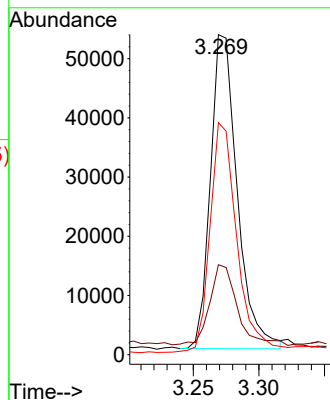
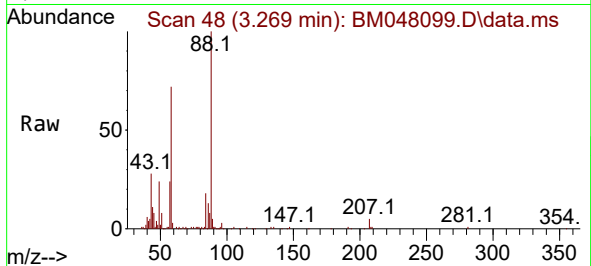
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#2
1,4-Dioxane
Concen: 7.499 ng/uL
RT: 3.269 min Scan# 41
Delta R.T. -0.006 min
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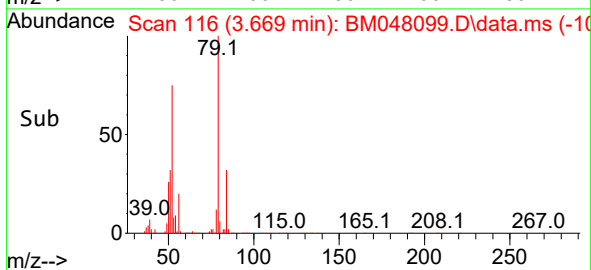
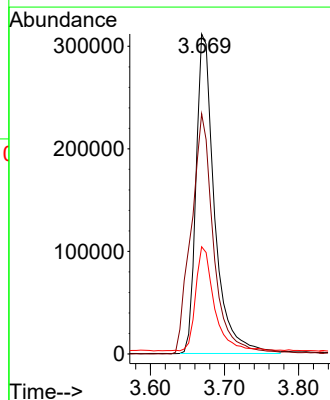
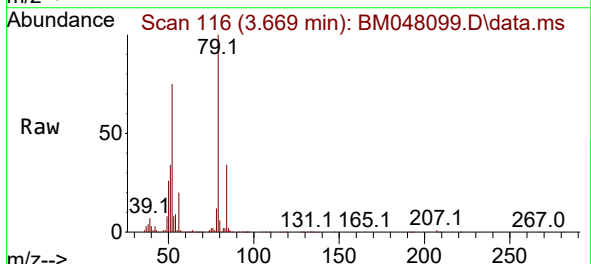
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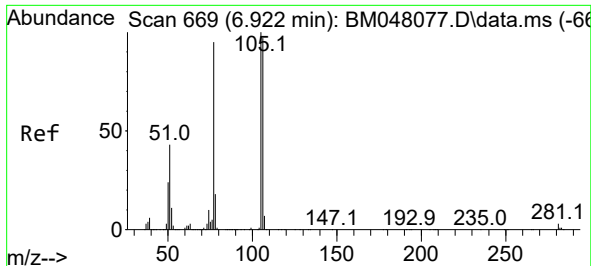
Tgt Ion: 88 Resp: 75529
Ion Ratio Lower Upper
88 100
43 28.1 29.1 43.7#
58 72.5 67.7 101.5



#5
Pyridine
Concen: 19.064 ng/uL
RT: 3.669 min Scan# 116
Delta R.T. -0.006 min
Lab File: BM048099.D
Acq: 16 Oct 2024 22:27

Tgt Ion: 79 Resp: 541868
Ion Ratio Lower Upper
79 100
52 75.0 69.4 104.2
51 33.5 32.6 49.0

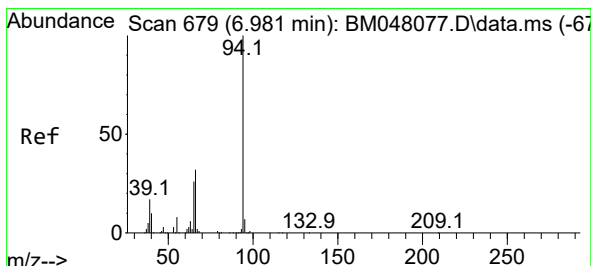
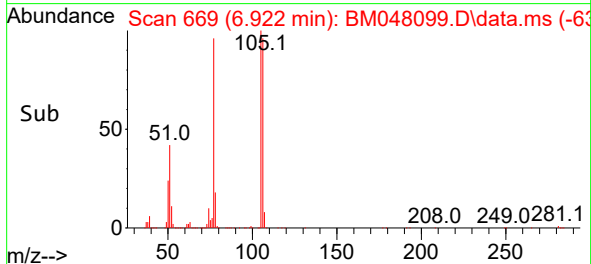
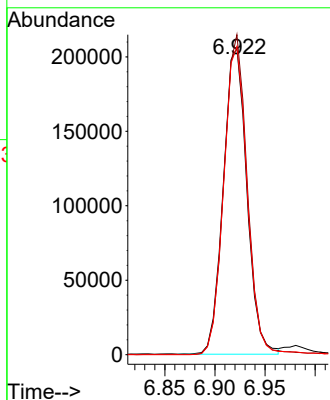
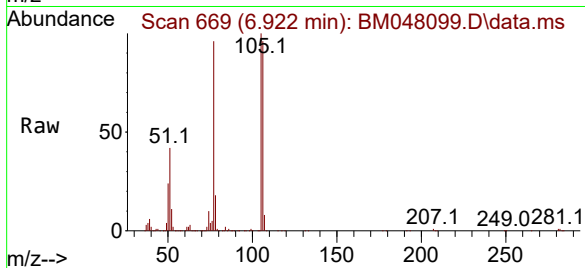




#6
Benzaldehyde
Concen: 22.006 ng/ul
RT: 6.922 min Scan# 669
Delta R.T. -0.006 min
Lab File: BM048099.D
Acq: 16 Oct 2024 22:27

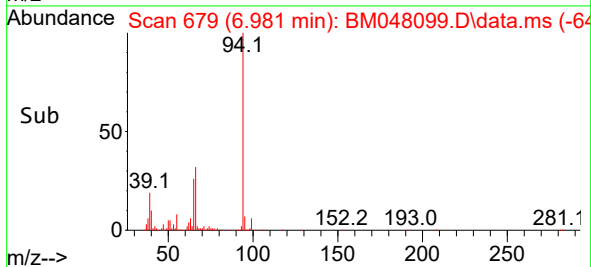
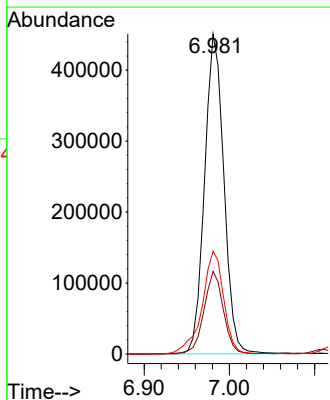
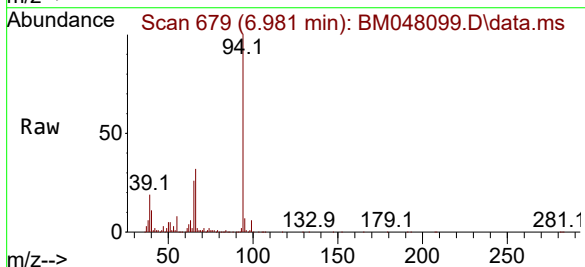
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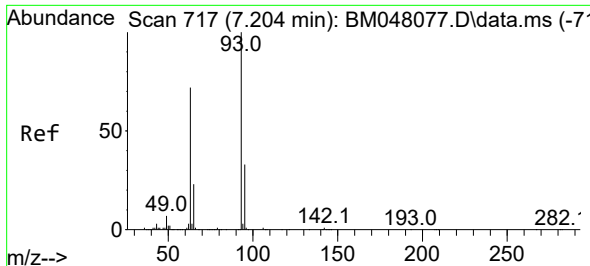
Tgt Ion: 77 Resp: 337222
Ion Ratio Lower Upper
77 100
105 104.4 72.2 108.2
106 100.5 70.7 106.1



#8
Phenol
Concen: 23.610 ng/ul
RT: 6.981 min Scan# 679
Delta R.T. -0.006 min
Lab File: BM048099.D
Acq: 16 Oct 2024 22:27

Tgt Ion: 94 Resp: 707875
Ion Ratio Lower Upper
94 100
65 25.8 26.3 39.5#
66 32.2 30.5 45.7

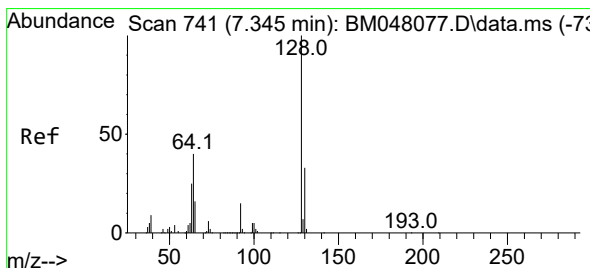
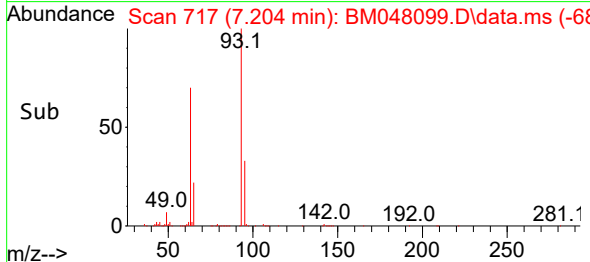
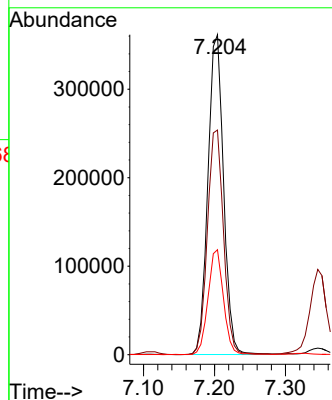
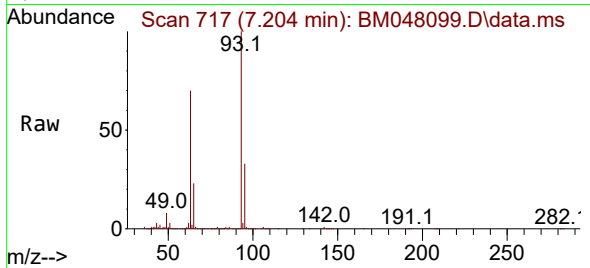




#10
Bis(2-Chloroethyl)ether
Concen: 23.175 ng/ul
RT: 7.204 min Scan# 717
Delta R.T. -0.006 min
Lab File: BM048099.D
Acq: 16 Oct 2024 22:27

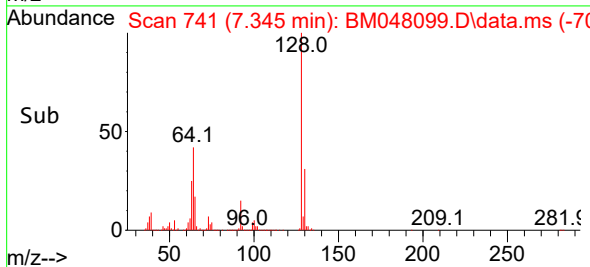
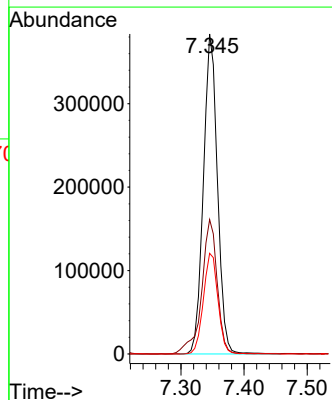
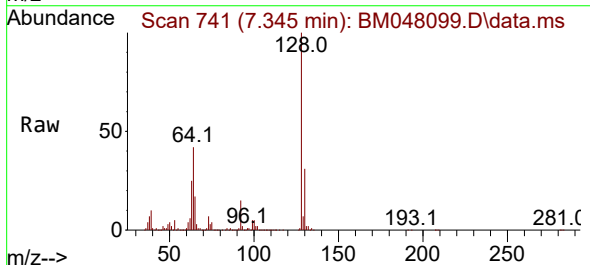
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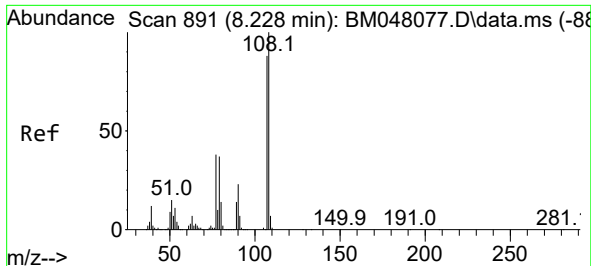
Tgt Ion: 93 Resp: 553674
Ion Ratio Lower Upper
93 100
63 70.2 69.4 104.2
95 32.8 25.0 37.6



#12
2-Chlorophenol
Concen: 27.369 ng/ul
RT: 7.345 min Scan# 741
Delta R.T. -0.012 min
Lab File: BM048099.D
Acq: 16 Oct 2024 22:27

Tgt Ion:128 Resp: 594425
Ion Ratio Lower Upper
128 100
64 42.0 42.7 64.1#
130 31.5 26.0 39.0

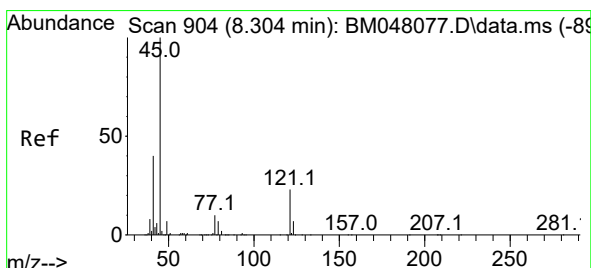
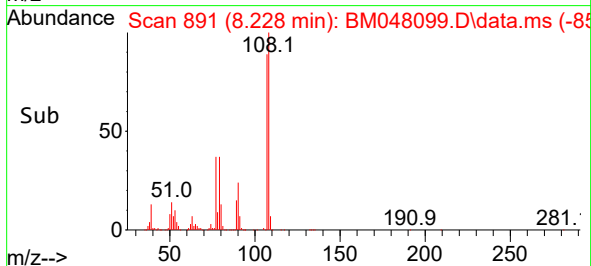
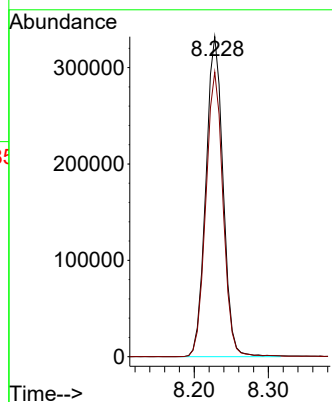
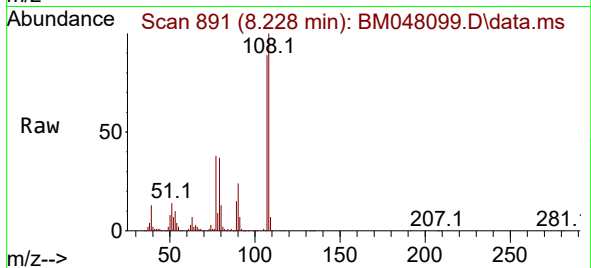




#13
2-Methylphenol
Concen: 25.637 ng/ul
RT: 8.228 min Scan# 891
Delta R.T. -0.006 min
Lab File: BM048099.D
Acq: 16 Oct 2024 22:27

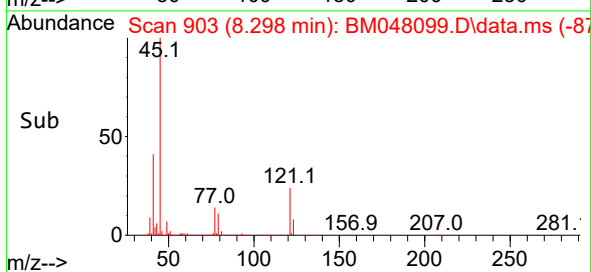
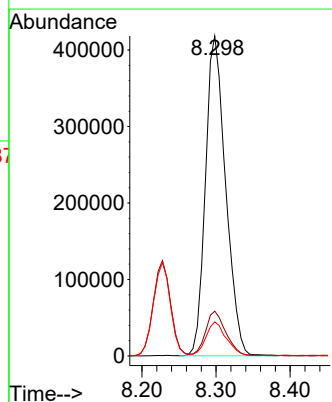
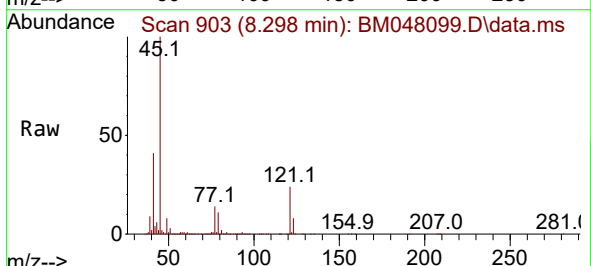
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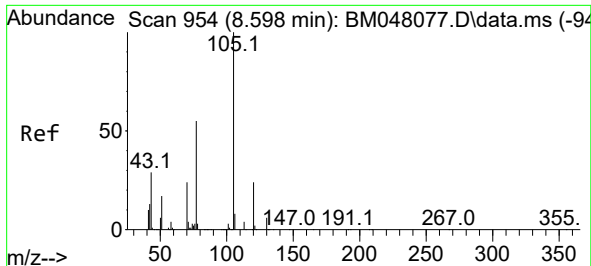
Tgt Ion:108 Resp: 535976
Ion Ratio Lower Upper
108 100
107 88.9 69.3 103.9



#14
2,2'-oxybis(1-Chloropropane)
Concen: 17.581 ng/ul
RT: 8.298 min Scan# 903
Delta R.T. -0.012 min
Lab File: BM048099.D
Acq: 16 Oct 2024 22:27

Tgt Ion: 45 Resp: 790686
Ion Ratio Lower Upper
45 100
77 14.0 9.0 13.6#
79 10.7 6.5 9.7#

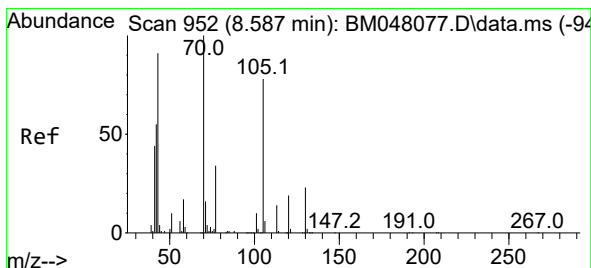
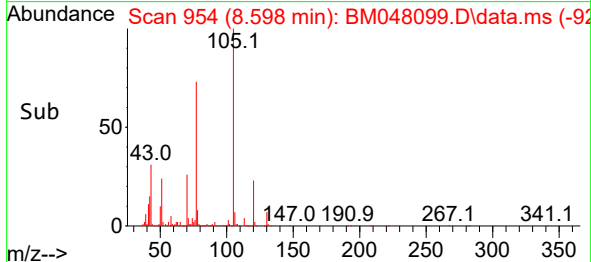
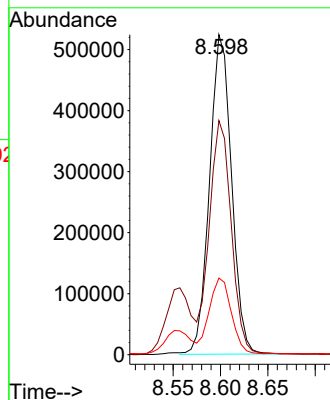
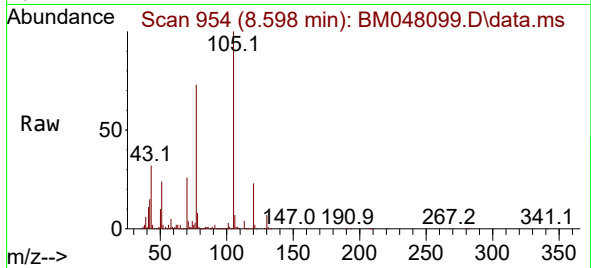




#16
Acetophenone
Concen: 23.550 ng/ul
RT: 8.598 min Scan# 91
Delta R.T. -0.012 min
Lab File: BM048099.D
Acq: 16 Oct 2024 22:27

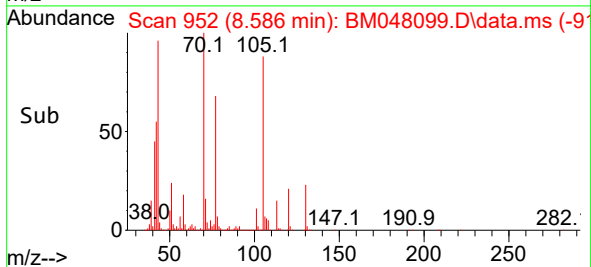
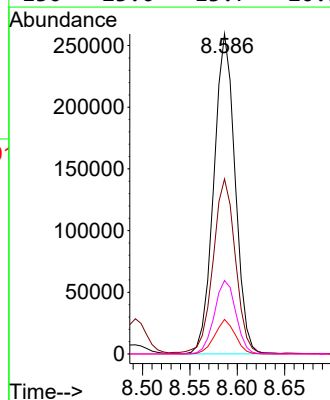
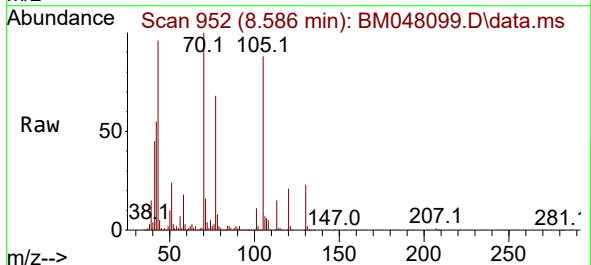
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ClientSampleId :
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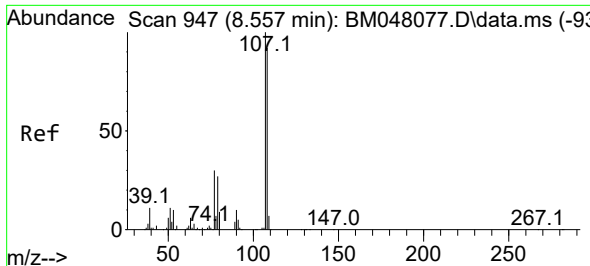
Tgt Ion:105 Resp: 844214
Ion Ratio Lower Upper
105 100
77 73.2 66.6 100.0
51 23.9 27.0 40.4#



#17
N-Nitroso-di-n-propylamine
Concen: 21.368 ng/ul
RT: 8.586 min Scan# 952
Delta R.T. -0.006 min
Lab File: BM048099.D
Acq: 16 Oct 2024 22:27

Tgt Ion: 70 Resp: 405711
Ion Ratio Lower Upper
70 100
42 54.7 55.3 82.9#
101 10.8 6.8 10.2#
130 23.0 13.7 20.5#

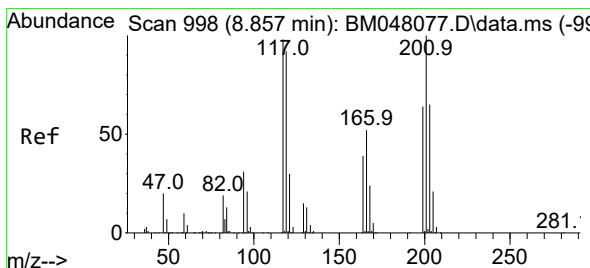
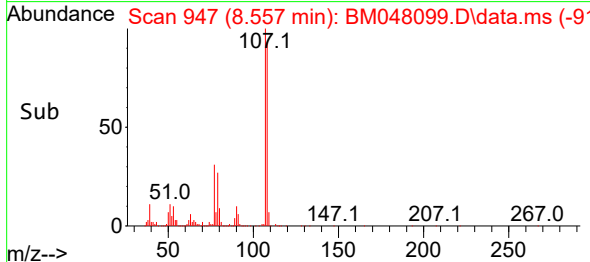
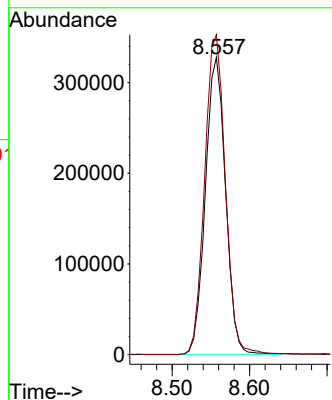
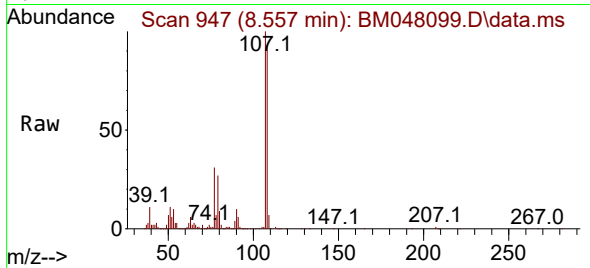




#18
4-Methylphenol
Concen: 25.205 ng/ul
RT: 8.557 min Scan# 947
Delta R.T. 0.000 min
Lab File: BM048099.D
Acq: 16 Oct 2024 22:27

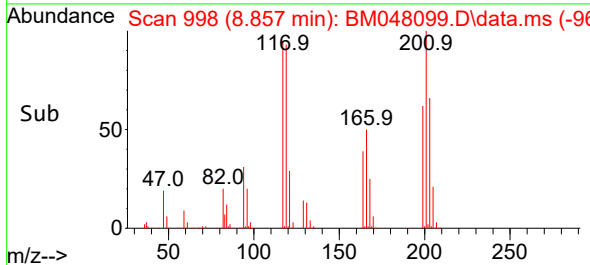
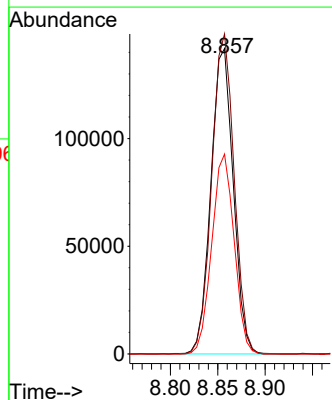
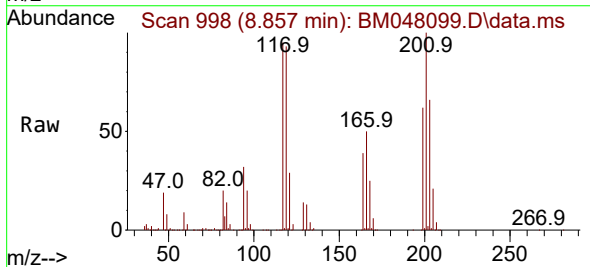
Instrument :
BNA_M
ClientSampleId :
SLCS982

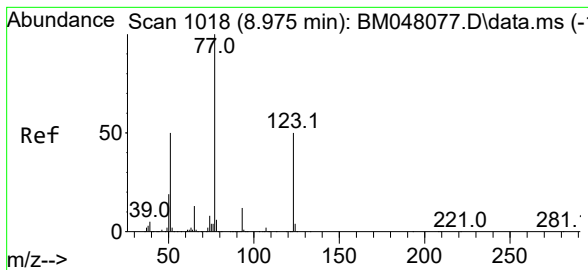
Tgt Ion:108 Resp: 592174
Ion Ratio Lower Upper
108 100
107 107.6 88.4 132.6



#19
Hexachloroethane
Concen: 23.936 ng/ul
RT: 8.857 min Scan# 998
Delta R.T. -0.012 min
Lab File: BM048099.D
Acq: 16 Oct 2024 22:27

Tgt Ion:117 Resp: 233676
Ion Ratio Lower Upper
117 100
201 104.7 71.0 106.6
199 65.4 44.2 66.4

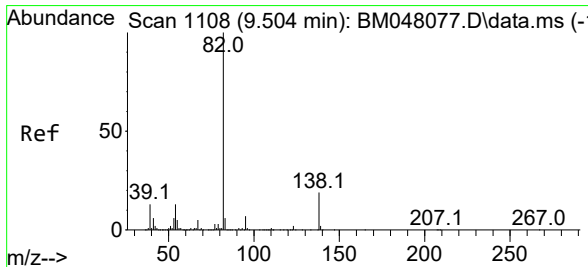
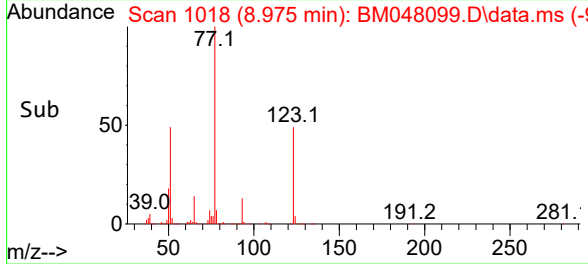
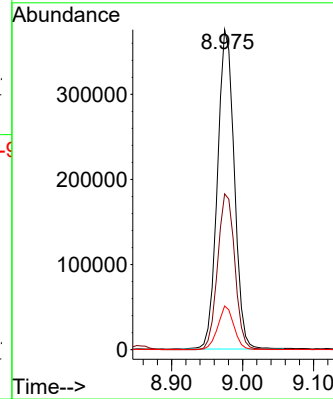
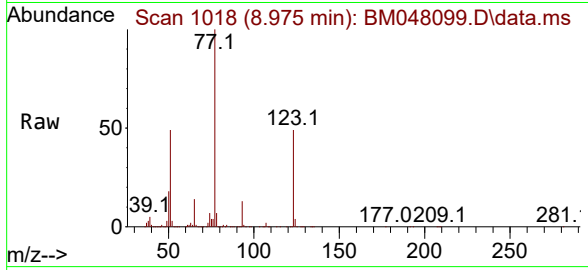




#22
Nitrobenzene
Concen: 21.376 ng/ul
RT: 8.975 min Scan# 1018
Delta R.T. -0.012 min
Lab File: BM048099.D
Acq: 16 Oct 2024 22:27

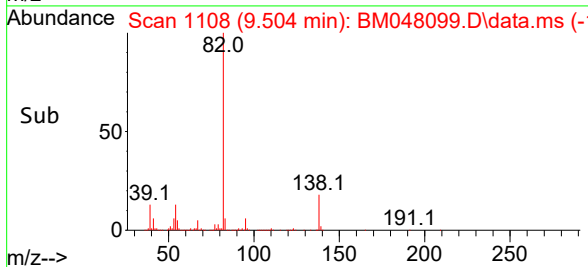
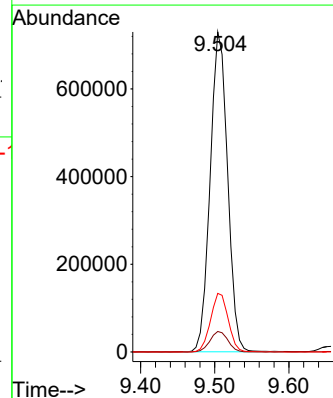
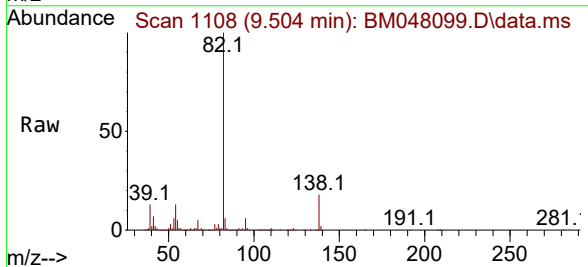
Instrument :
BNA_M
ClientSampleId :
SLCS982

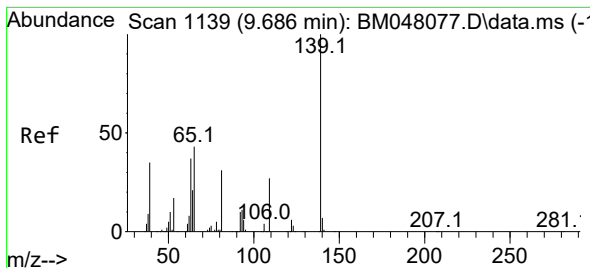
Tgt Ion: 77 Resp: 616533
Ion Ratio Lower Upper
77 100
123 48.7 31.7 47.5#
65 13.7 11.1 16.7



#23
Isophorone
Concen: 23.125 ng/ul
RT: 9.504 min Scan# 1108
Delta R.T. -0.006 min
Lab File: BM048099.D
Acq: 16 Oct 2024 22:27

Tgt Ion: 82 Resp: 1193153
Ion Ratio Lower Upper
82 100
95 6.4 4.9 7.3
138 18.3 12.0 18.0#

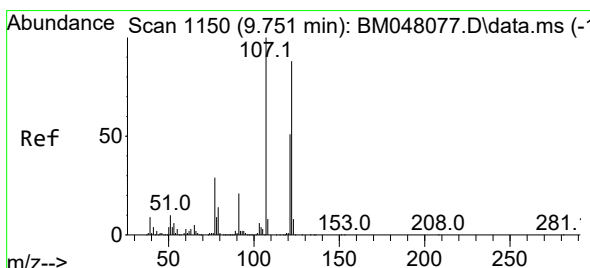
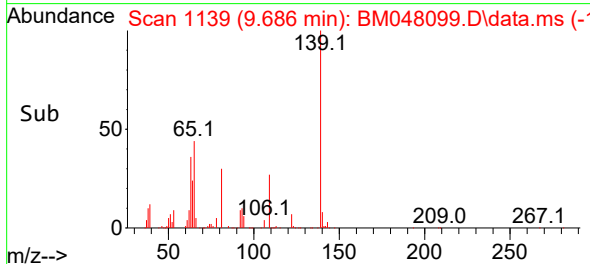
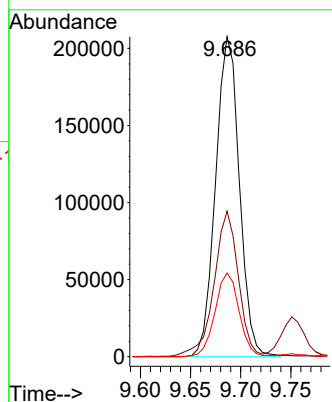
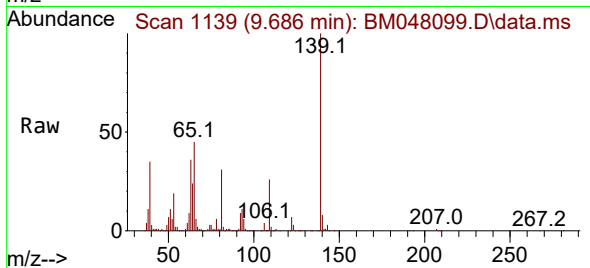




#25
2-Nitrophenol
Concen: 30.678 ng/ul
RT: 9.686 min Scan# 1139
Delta R.T. -0.006 min
Lab File: BM048099.D
Acq: 16 Oct 2024 22:27

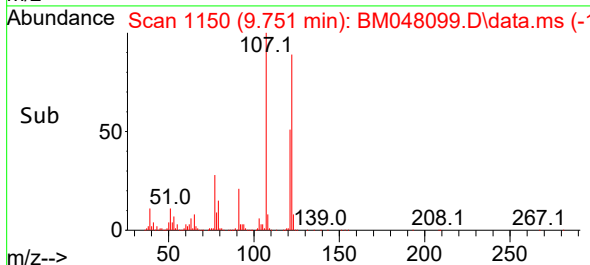
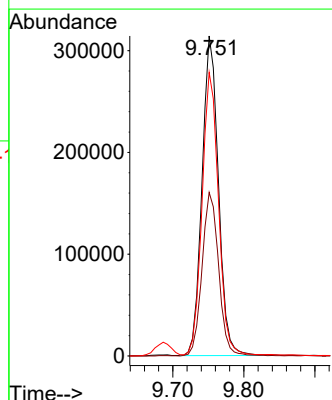
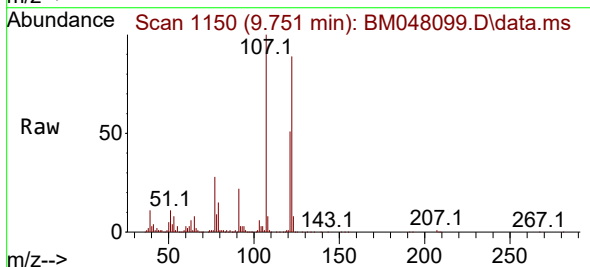
Instrument :
BNA_M
ClientSampleId :
SLCS982

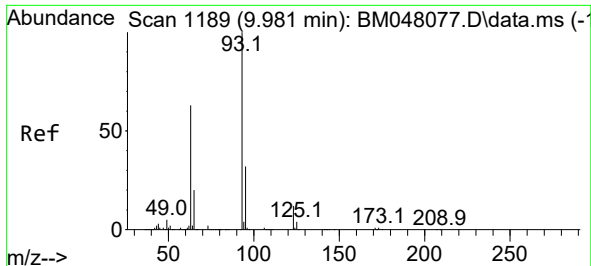
Tgt Ion:139 Resp: 341483
Ion Ratio Lower Upper
139 100
65 45.5 49.6 74.4#
109 26.1 23.4 35.2



#26
2,4-Dimethylphenol
Concen: 21.204 ng/ul
RT: 9.751 min Scan# 1150
Delta R.T. -0.006 min
Lab File: BM048099.D
Acq: 16 Oct 2024 22:27

Tgt Ion:107 Resp: 505734
Ion Ratio Lower Upper
107 100
121 51.1 37.8 56.8
122 88.6 65.4 98.0





#27

Bis(2-Chloroethoxy)methane

Concen: 23.362 ng/ul

RT: 9.980 min Scan# 1189

Delta R.T. -0.012 min

Lab File: BM048099.D

Acq: 16 Oct 2024 22:27

Instrument :

BNA_M

ClientSampleId :

SLCS982

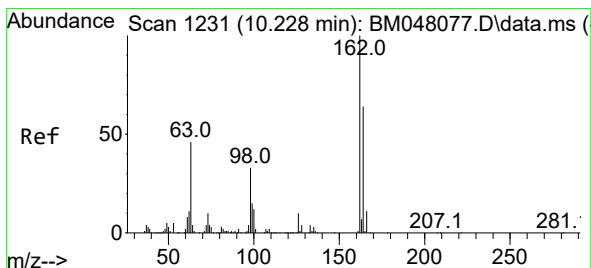
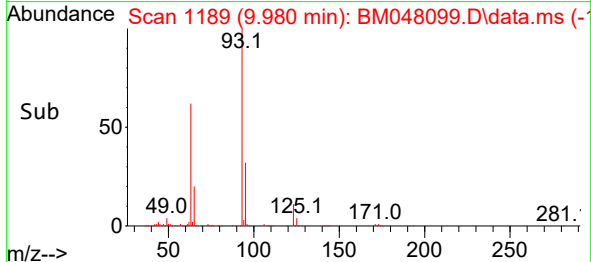
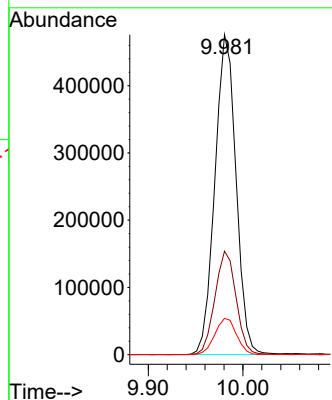
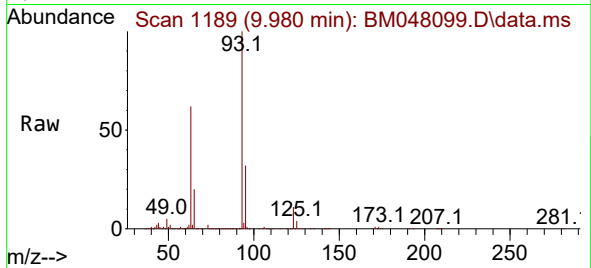
Tgt Ion: 93 Resp: 737249

Ion Ratio Lower Upper

93 100

95 32.3 27.1 40.7

123 11.4 8.2 12.4



#29

2,4-Dichlorophenol

Concen: 28.134 ng/ul

RT: 10.228 min Scan# 1231

Delta R.T. 0.000 min

Lab File: BM048099.D

Acq: 16 Oct 2024 22:27

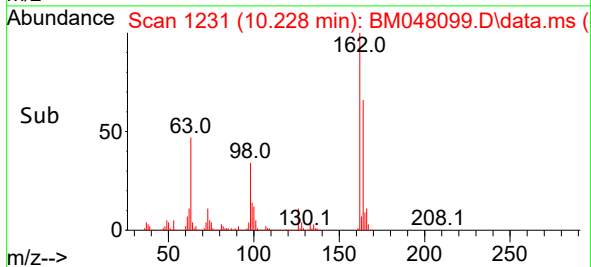
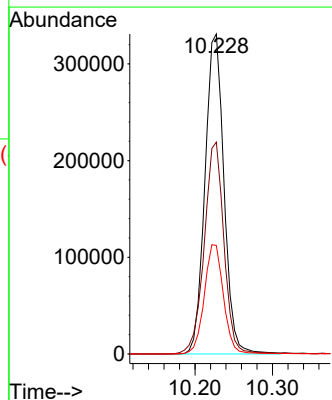
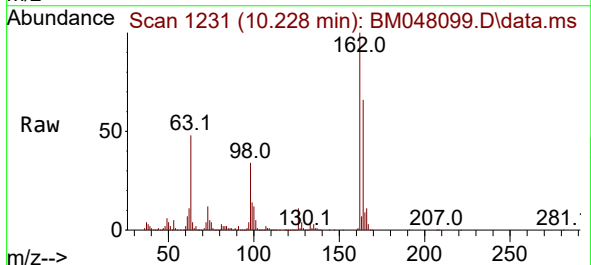
Tgt Ion:162 Resp: 564666

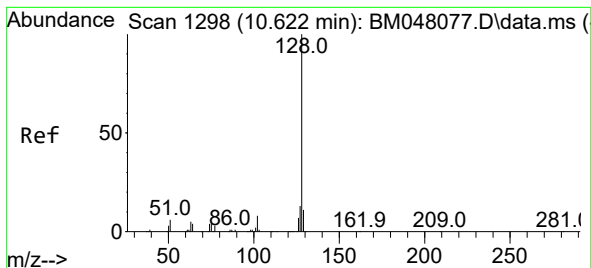
Ion Ratio Lower Upper

162 100

164 66.2 52.2 78.2

98 33.9 30.6 46.0

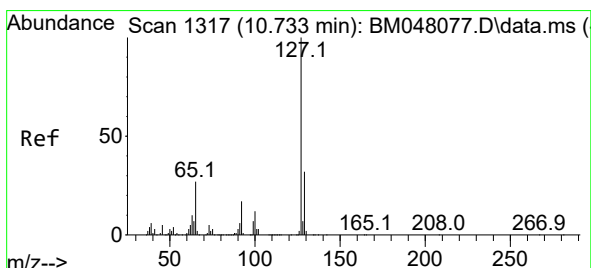
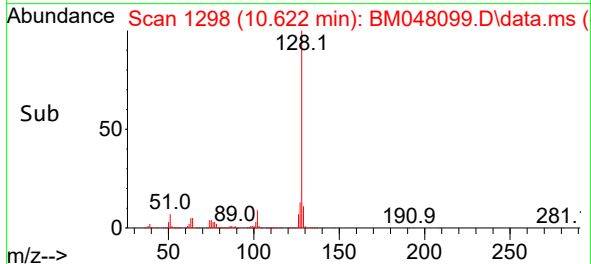
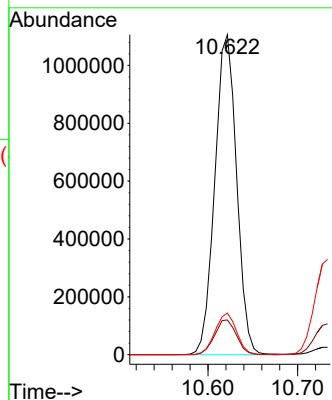
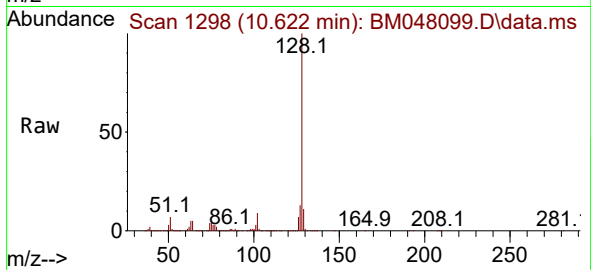




#30
Naphthalene
Concen: 25.430 ng/ul
RT: 10.622 min Scan# 1298
Delta R.T. -0.006 min
Lab File: BM048099.D
Acq: 16 Oct 2024 22:27

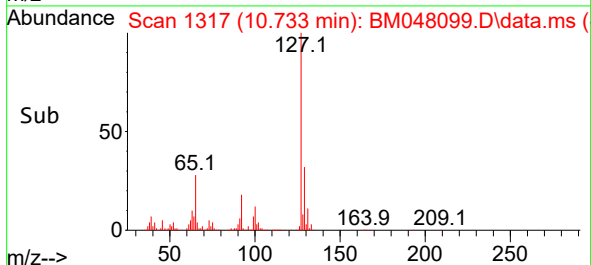
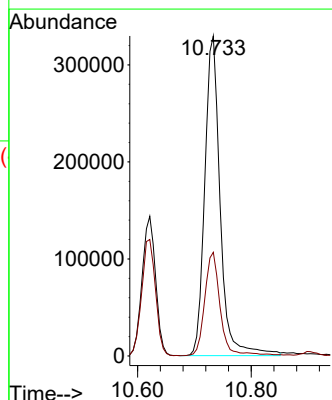
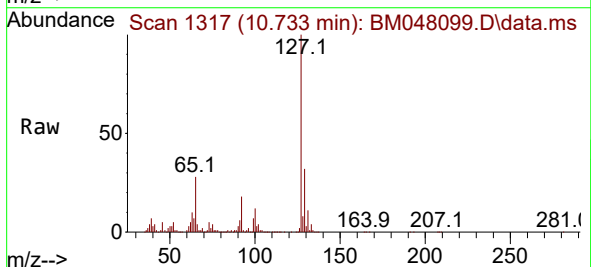
Instrument :
BNA_M
ClientSampleId :
SLCS982

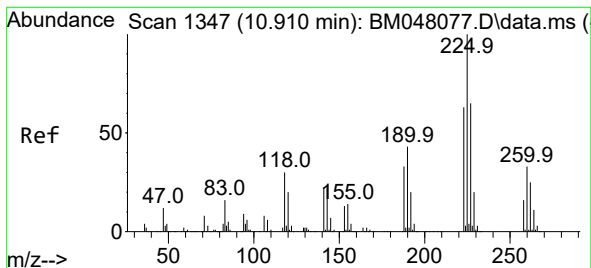
Tgt Ion:128 Resp: 1865363
Ion Ratio Lower Upper
128 100
129 10.9 8.6 12.8
127 13.0 10.4 15.6



#32
4-Chloroaniline
Concen: 20.990 ng/ul
RT: 10.733 min Scan# 1317
Delta R.T. -0.006 min
Lab File: BM048099.D
Acq: 16 Oct 2024 22:27

Tgt Ion:127 Resp: 621059
Ion Ratio Lower Upper
127 100
129 32.4 25.9 38.9





#33

Hexachlorobutadiene

Concen: 27.195 ng/ul

RT: 10.904 min Scan# 1

Delta R.T. -0.018 min

Lab File: BM048099.D

Acq: 16 Oct 2024 22:27

Instrument :

BNA_M

ClientSampleId :

SLCS982

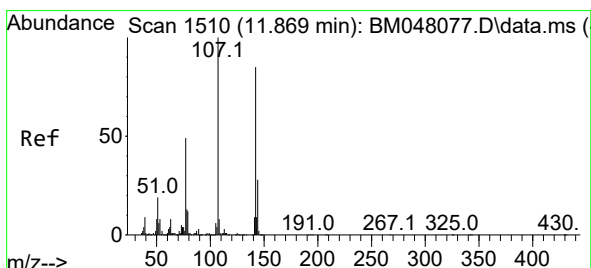
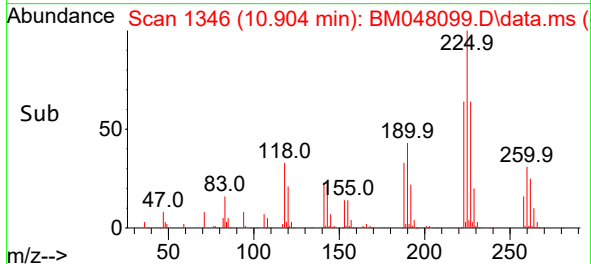
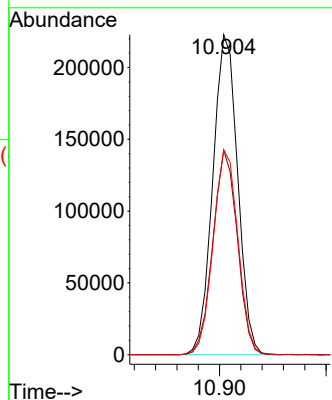
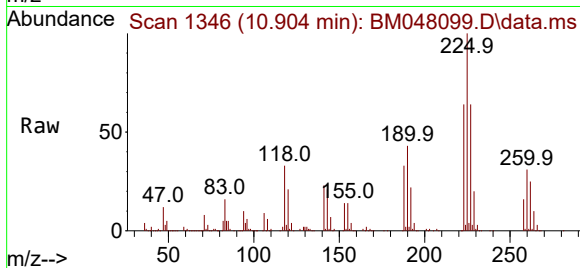
Tgt Ion:225 Resp: 360632

Ion Ratio Lower Upper

225 100

223 64.0 50.3 75.5

227 63.9 49.1 73.7



#35

4-Chloro-3-methylphenol

Concen: 26.990 ng/ul

RT: 11.869 min Scan# 1510

Delta R.T. 0.000 min

Lab File: BM048099.D

Acq: 16 Oct 2024 22:27

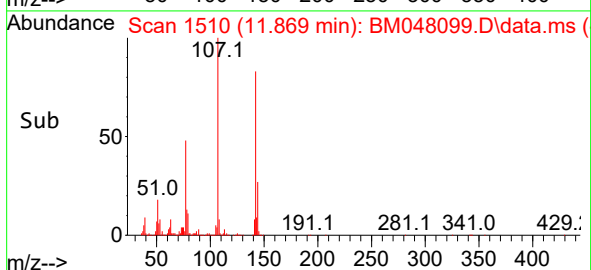
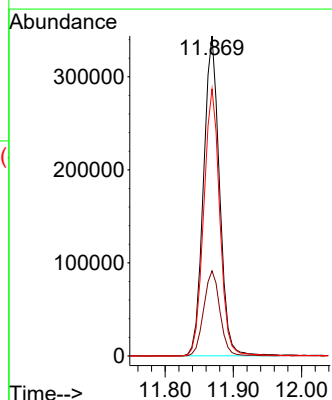
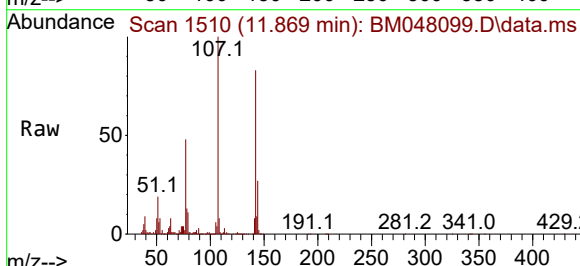
Tgt Ion:107 Resp: 560736

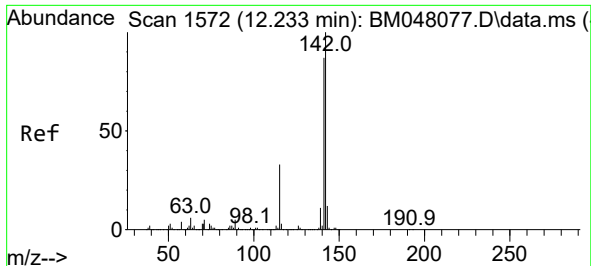
Ion Ratio Lower Upper

107 100

144 26.6 18.7 28.1

142 83.4 62.7 94.1

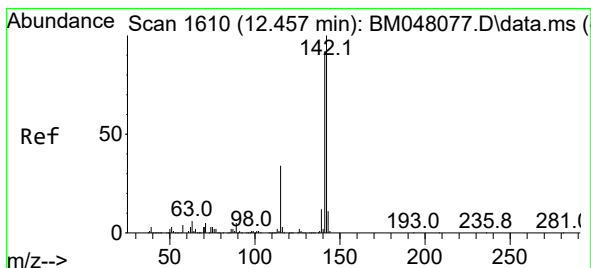
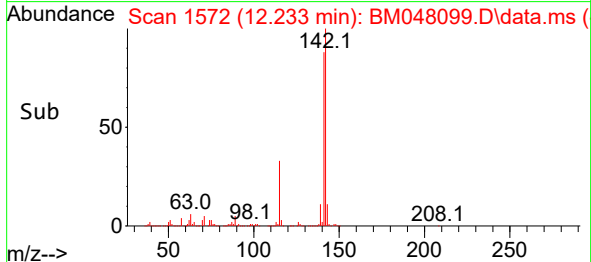
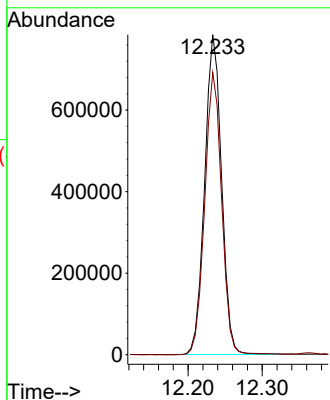
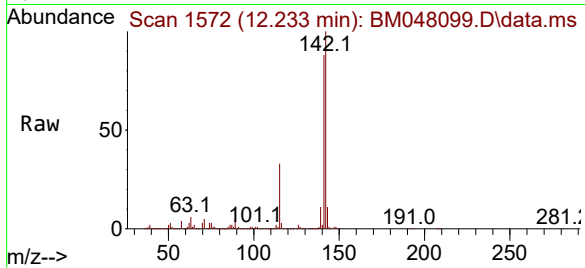




#36
2-Methylnaphthalene
Concen: 26.734 ng/ul
RT: 12.233 min Scan# 1572
Delta R.T. -0.006 min
Lab File: BM048099.D
Acq: 16 Oct 2024 22:27

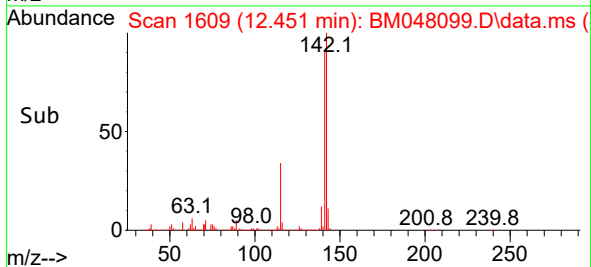
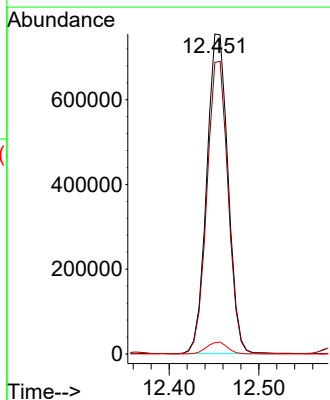
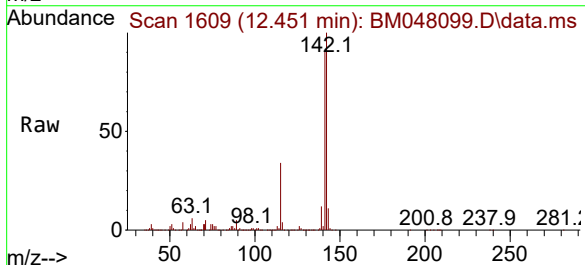
Instrument :
BNA_M
ClientSampleId :
SLCS982

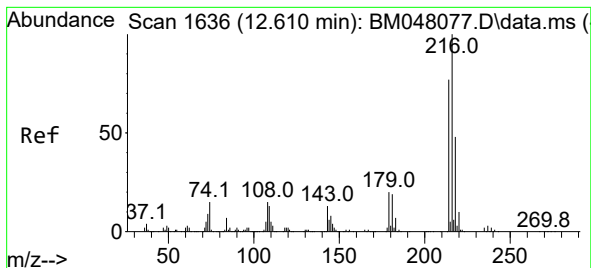
Tgt Ion:142 Resp: 1245969
Ion Ratio Lower Upper
142 100
141 88.2 72.5 108.7



#37
1-Methylnaphthalene
Concen: 26.213 ng/ul
RT: 12.451 min Scan# 1609
Delta R.T. -0.012 min
Lab File: BM048099.D
Acq: 16 Oct 2024 22:27

Tgt Ion:142 Resp: 1242989
Ion Ratio Lower Upper
142 100
141 91.1 73.4 110.2
116 3.6 3.0 4.6

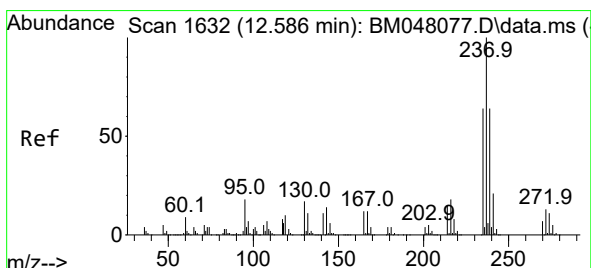
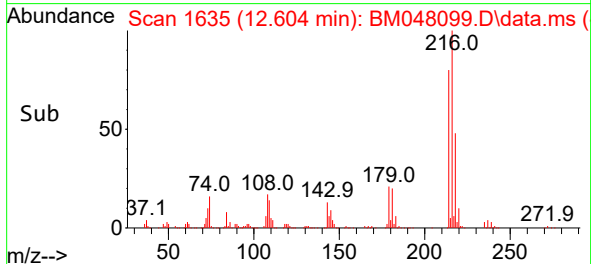
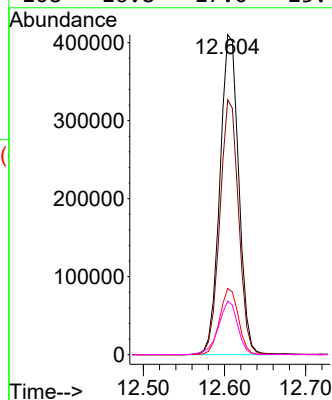
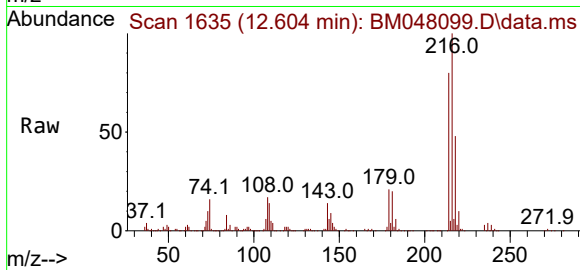




#39
1,2,4,5-Tetrachlorobenzene
Concen: 25.690 ng/ul
RT: 12.604 min Scan# 1635
Delta R.T. -0.012 min
Lab File: BM048099.D
Acq: 16 Oct 2024 22:27

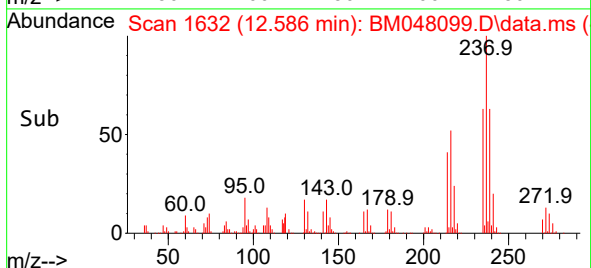
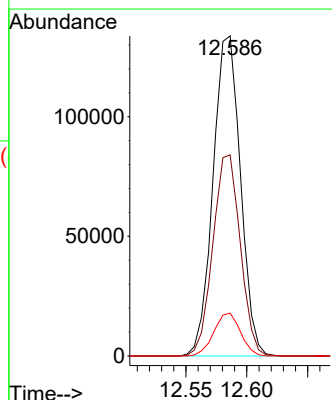
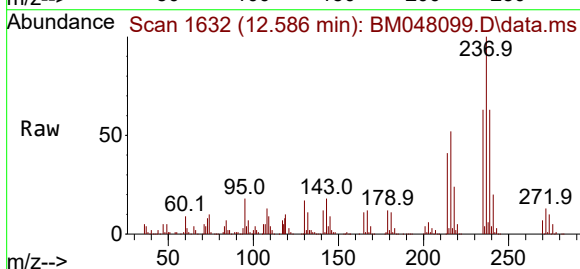
Instrument :
BNA_M
ClientSampleId :
SLCS982

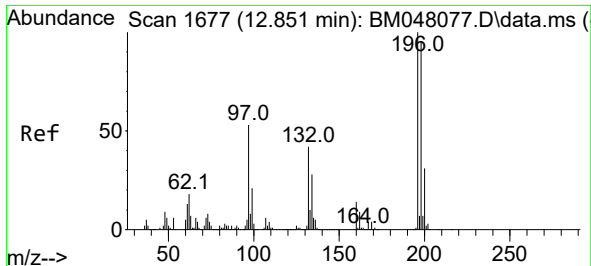
Tgt Ion:216 Resp: 662770
Ion Ratio Lower Upper
216 100
214 79.7 61.0 91.4
179 20.7 17.7 26.5
108 16.8 17.0 25.4#



#40
Hexachlorocyclopentadiene
Concen: 13.437 ng/ul
RT: 12.586 min Scan# 1632
Delta R.T. -0.006 min
Lab File: BM048099.D
Acq: 16 Oct 2024 22:27

Tgt Ion:237 Resp: 209673
Ion Ratio Lower Upper
237 100
235 62.9 49.8 74.6
272 13.4 9.7 14.5

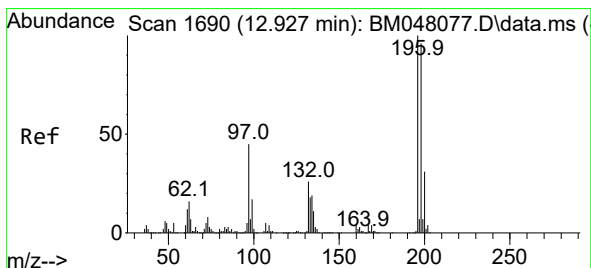
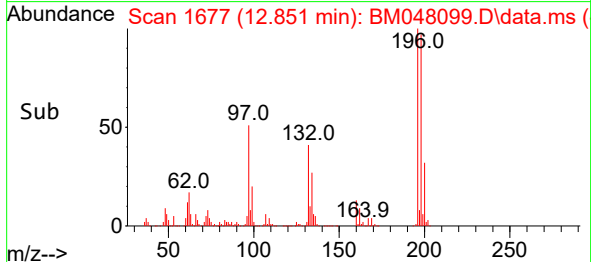
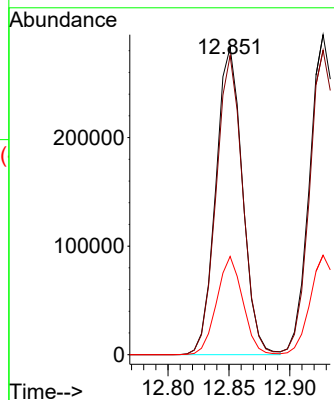
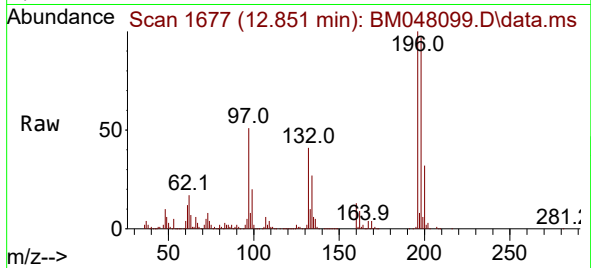




#41
2,4,6-Trichlorophenol
Concen: 28.956 ng/ul
RT: 12.851 min Scan# 1677
Delta R.T. -0.006 min
Lab File: BM048099.D
Acq: 16 Oct 2024 22:27

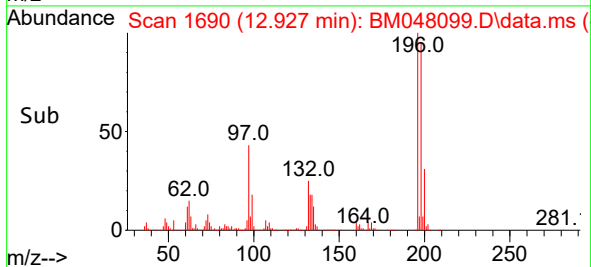
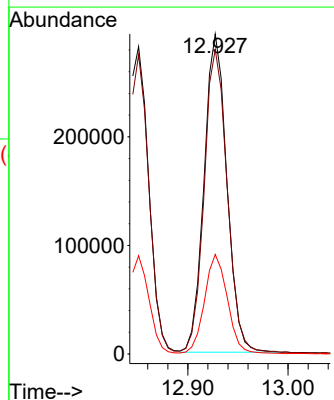
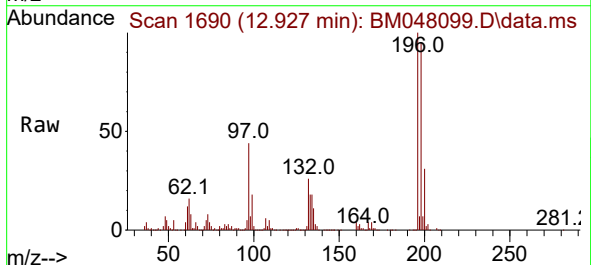
Instrument :
BNA_M
ClientSampleId :
SLCS982

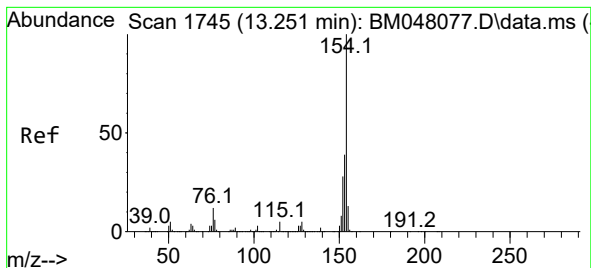
Tgt Ion:196 Resp: 432215
Ion Ratio Lower Upper
196 100
198 97.4 77.1 115.7
200 32.0 24.5 36.7



#42
2,4,5-Trichlorophenol
Concen: 28.408 ng/ul
RT: 12.927 min Scan# 1690
Delta R.T. 0.000 min
Lab File: BM048099.D
Acq: 16 Oct 2024 22:27

Tgt Ion:196 Resp: 463699
Ion Ratio Lower Upper
196 100
198 95.2 79.5 119.3
200 31.1 25.8 38.8





#43

1,1'-Biphenyl

Concen: 25.122 ng/ul

RT: 13.245 min Scan# 1

Delta R.T. -0.012 min

Lab File: BM048099.D

Acq: 16 Oct 2024 22:27

Instrument :

BNA_M

ClientSampleId :

SLCS982

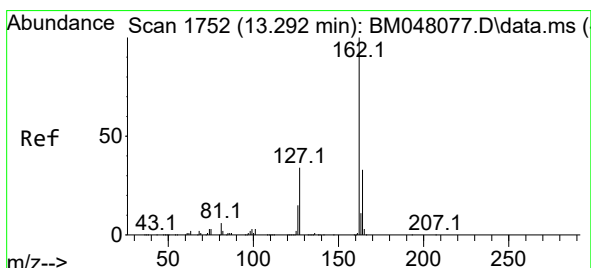
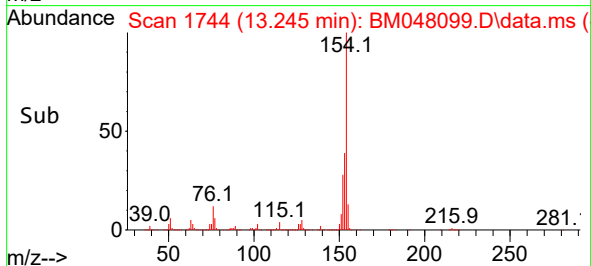
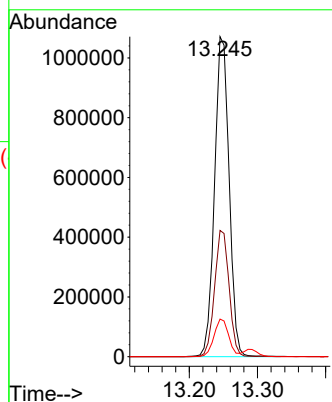
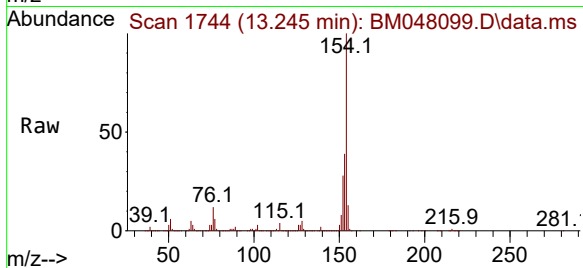
Tgt Ion:154 Resp: 1594067

Ion Ratio Lower Upper

154 100

153 39.4 31.1 46.7

76 11.8 12.1 18.1#



#44

2-Chloronaphthalene

Concen: 25.730 ng/ul

RT: 13.292 min Scan# 1752

Delta R.T. -0.006 min

Lab File: BM048099.D

Acq: 16 Oct 2024 22:27

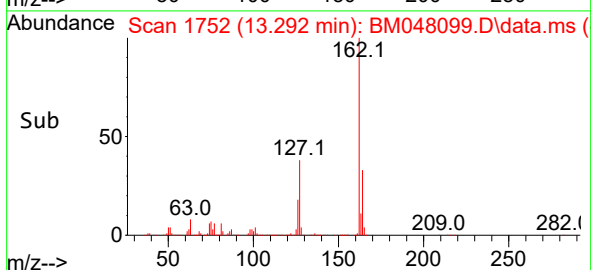
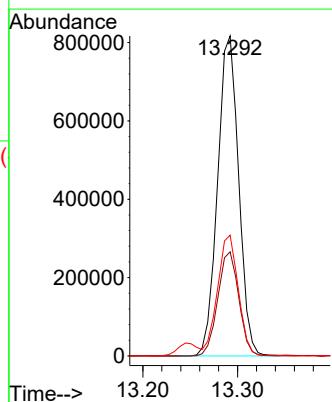
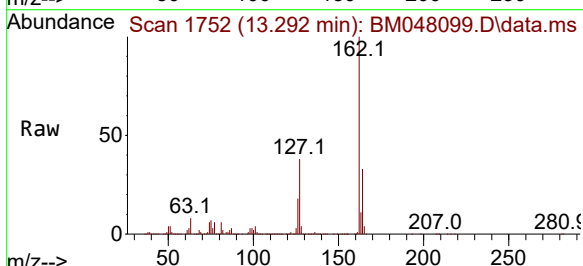
Tgt Ion:162 Resp: 1262688

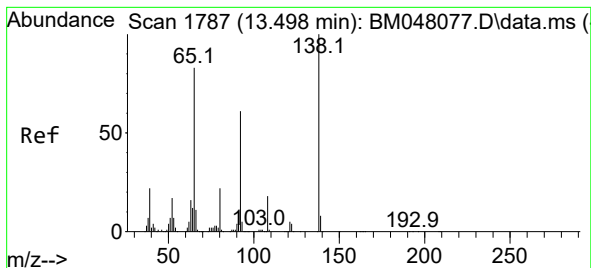
Ion Ratio Lower Upper

162 100

164 32.6 25.3 37.9

127 37.7 32.9 49.3





#45

2-Nitroaniline

Concen: 22.015 ng/ul

RT: 13.498 min Scan# 1

Delta R.T. 0.000 min

Lab File: BM048099.D

Acq: 16 Oct 2024 22:27

Instrument :

BNA_M

ClientSampleId :

SLCS982

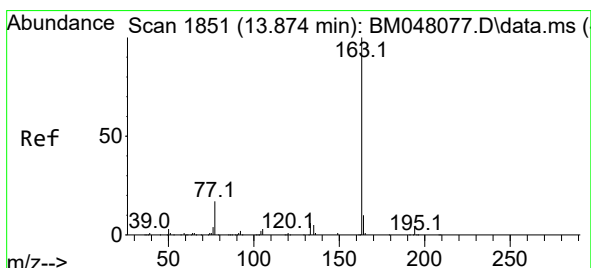
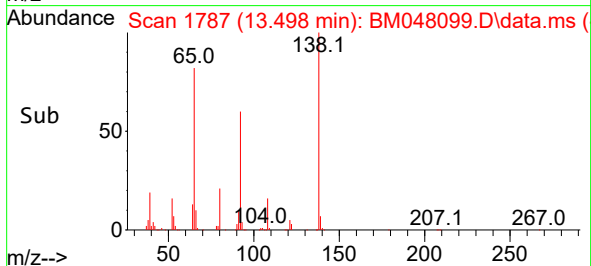
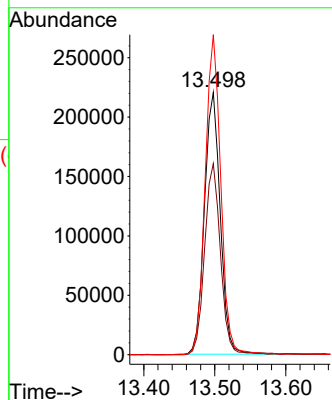
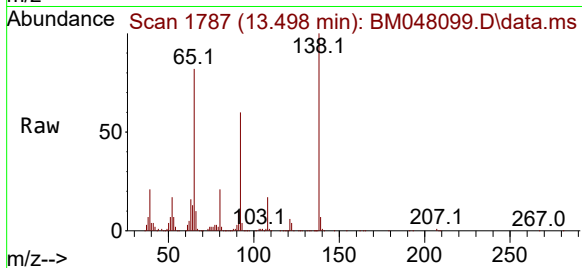
Tgt Ion: 65 Resp: 342965

Ion Ratio Lower Upper

65 100

92 72.8 49.1 73.7

138 122.0 67.6 101.4#



#47

Dimethylphthalate

Concen: 26.096 ng/ul

RT: 13.874 min Scan# 1851

Delta R.T. -0.006 min

Lab File: BM048099.D

Acq: 16 Oct 2024 22:27

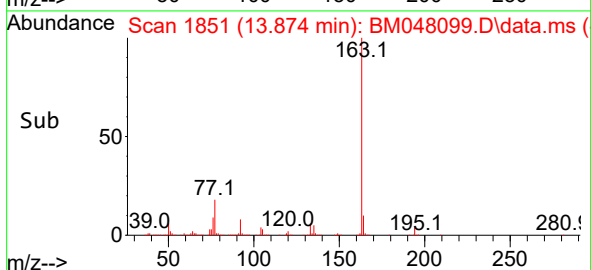
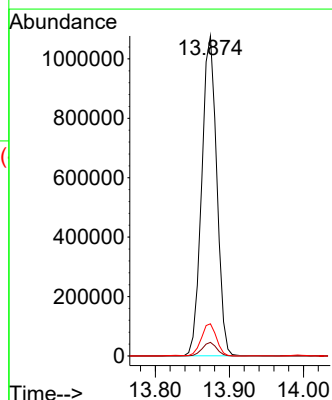
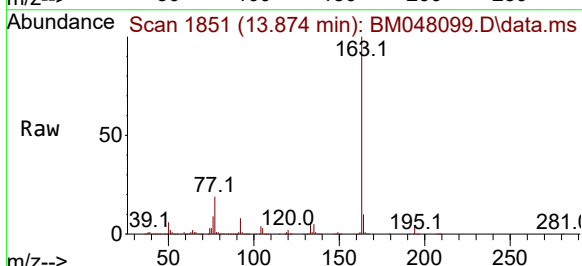
Tgt Ion:163 Resp: 1518529

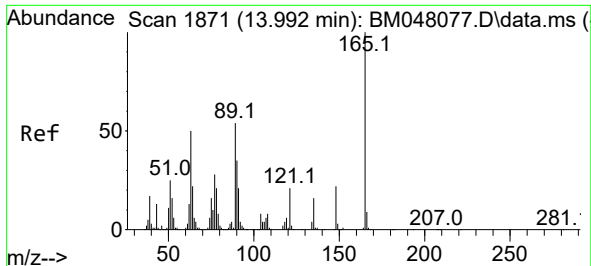
Ion Ratio Lower Upper

163 100

194 4.2 3.0 4.6

164 10.0 7.8 11.6

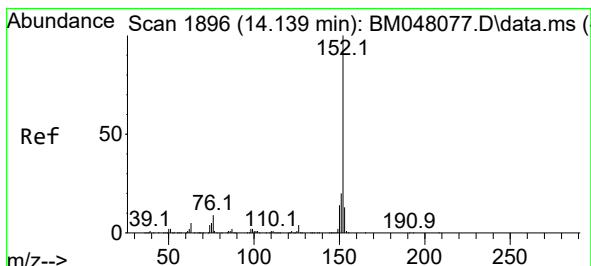
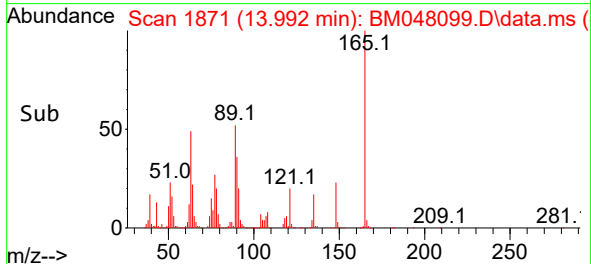
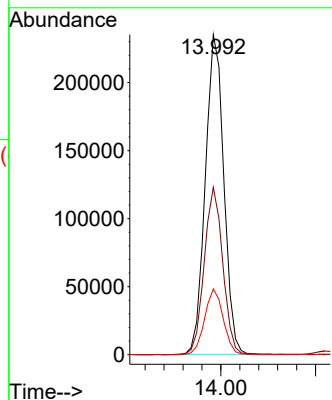
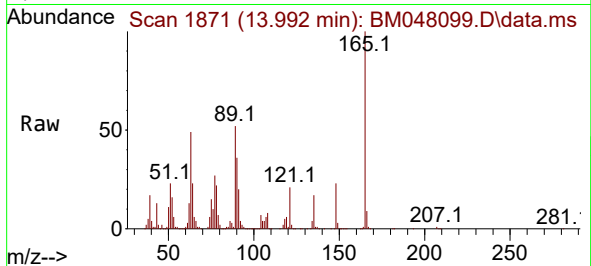




#48
2,6-Dinitrotoluene
Concen: 31.102 ng/ul
RT: 13.992 min Scan# 1871
Delta R.T. -0.006 min
Lab File: BM048099.D
Acq: 16 Oct 2024 22:27

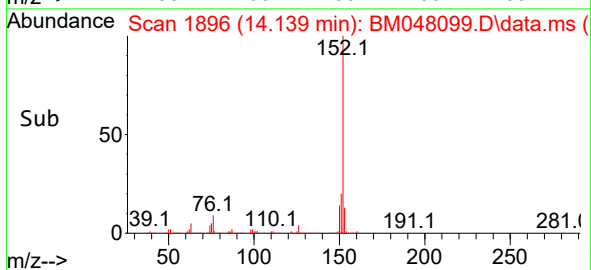
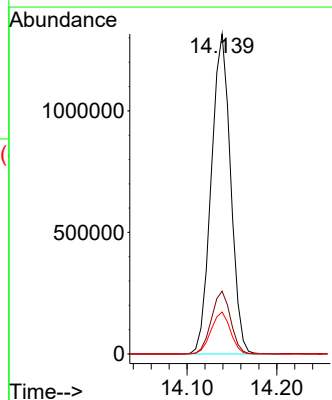
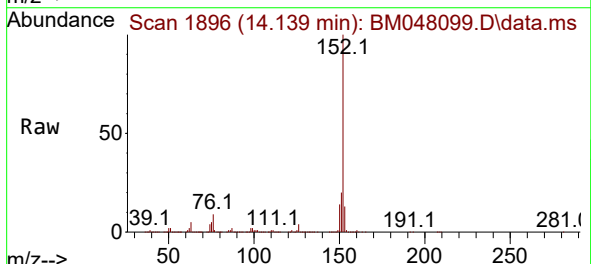
Instrument :
BNA_M
ClientSampleId :
SLCS982

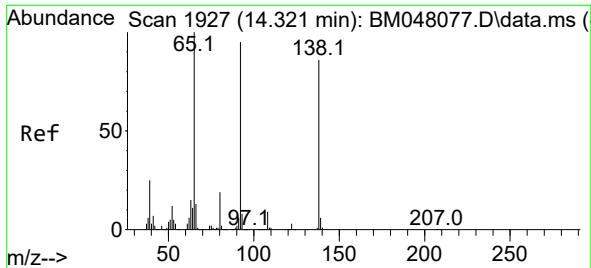
Tgt Ion:165 Resp: 317849
Ion Ratio Lower Upper
165 100
89 52.3 58.5 87.7#
121 20.6 20.2 30.2



#50
Acenaphthylene
Concen: 25.629 ng/ul
RT: 14.139 min Scan# 1896
Delta R.T. -0.006 min
Lab File: BM048099.D
Acq: 16 Oct 2024 22:27

Tgt Ion:152 Resp: 1969019
Ion Ratio Lower Upper
152 100
151 19.6 16.2 24.2
153 13.1 10.7 16.1

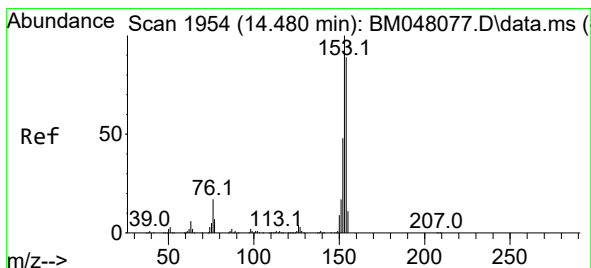
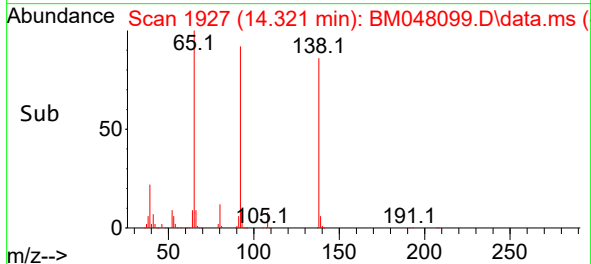
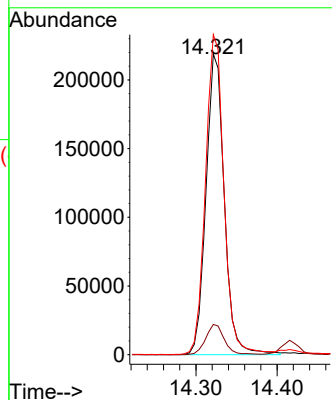
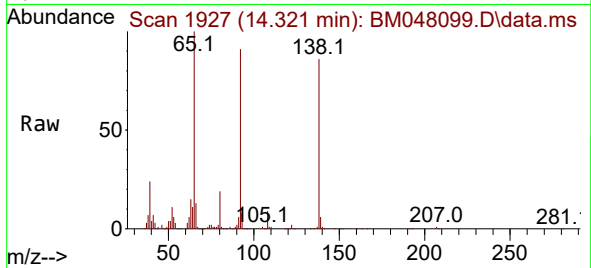




#51
3-Nitroaniline
Concen: 27.687 ng/ul
RT: 14.321 min Scan# 1927
Delta R.T. -0.006 min
Lab File: BM048099.D
Acq: 16 Oct 2024 22:27

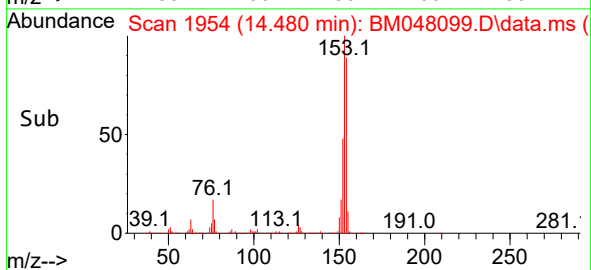
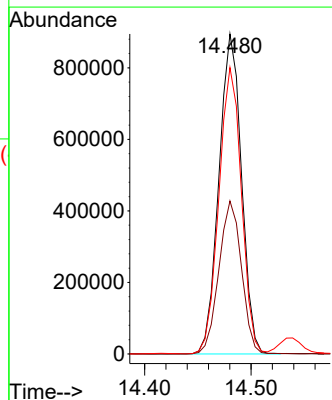
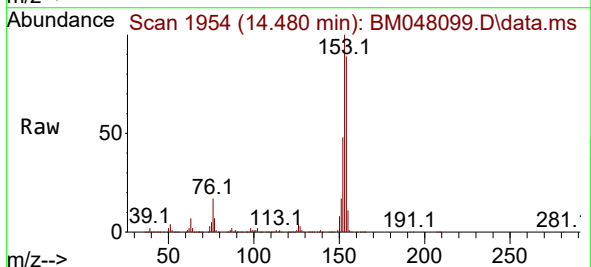
Instrument :
BNA_M
ClientSampleId :
SLCS982

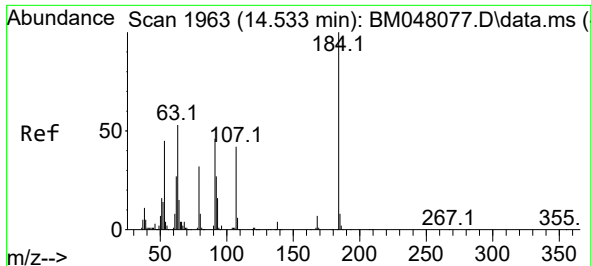
Tgt Ion:138 Resp: 342444
Ion Ratio Lower Upper
138 100
108 10.1 9.0 13.6
92 106.4 101.5 152.3



#52
Acenaphthene
Concen: 24.200 ng/ul
RT: 14.480 min Scan# 1954
Delta R.T. -0.006 min
Lab File: BM048099.D
Acq: 16 Oct 2024 22:27

Tgt Ion:153 Resp: 1314279
Ion Ratio Lower Upper
153 100
152 47.8 39.7 59.5
154 89.5 72.6 108.8

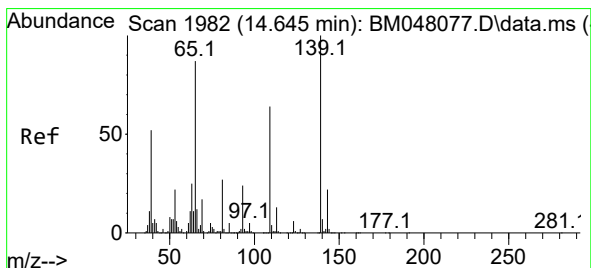
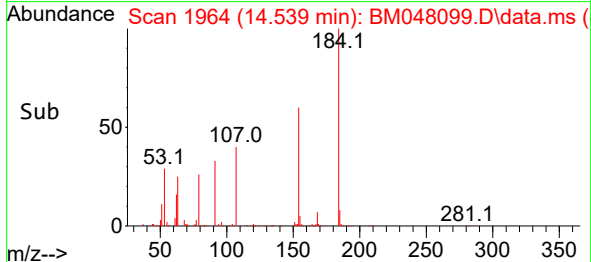
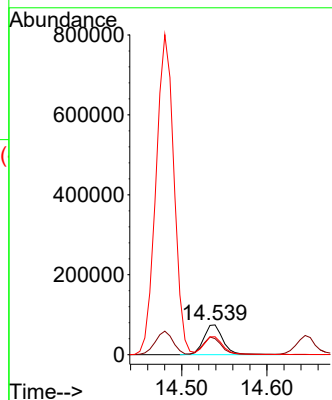
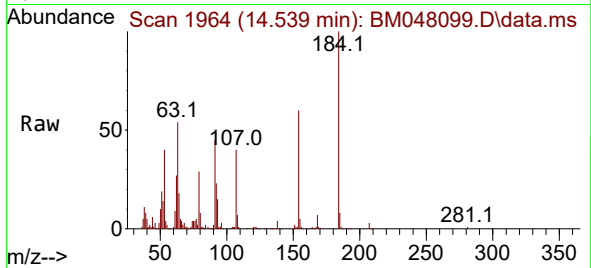




#53
2,4-Dinitrophenol
Concen: 18.585 ng/ul
RT: 14.539 min Scan# 1963
Delta R.T. 0.006 min
Lab File: BM048099.D
Acq: 16 Oct 2024 22:27

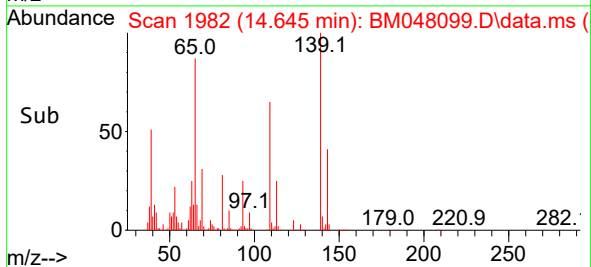
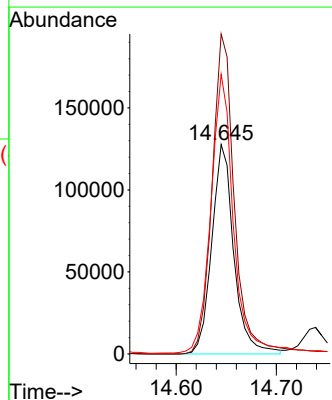
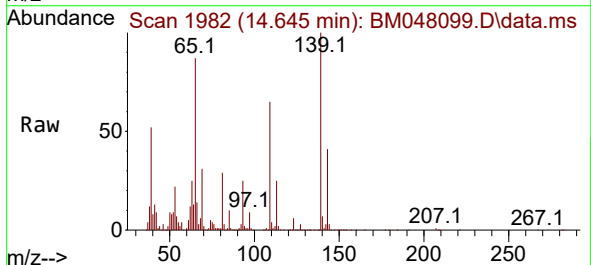
Instrument :
BNA_M
ClientSampleId :
SLCS982

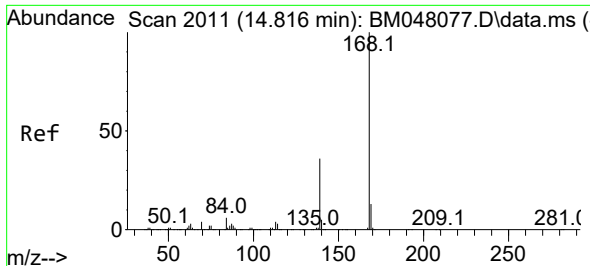
Tgt Ion:184 Resp: 117362
Ion Ratio Lower Upper
184 100
63 54.0 77.5 116.3#
154 60.3 55.8 83.6



#55
4-Nitrophenol
Concen: 20.293 ng/ul
RT: 14.645 min Scan# 1982
Delta R.T. 0.006 min
Lab File: BM048099.D
Acq: 16 Oct 2024 22:27

Tgt Ion:109 Resp: 194915
Ion Ratio Lower Upper
109 100
139 152.8 105.7 158.5
65 133.5 123.1 184.7

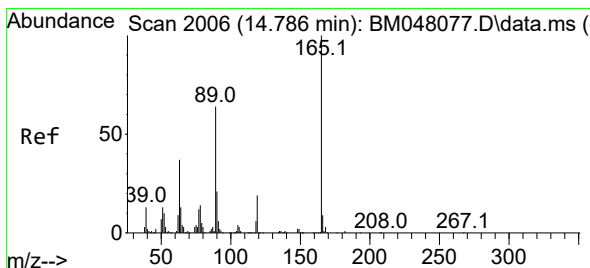
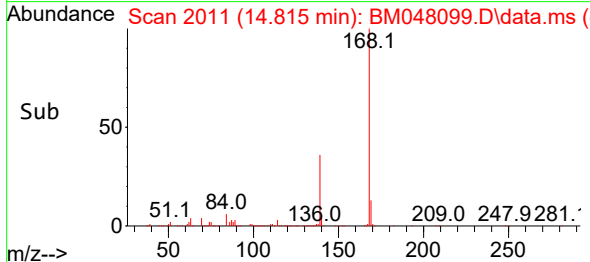
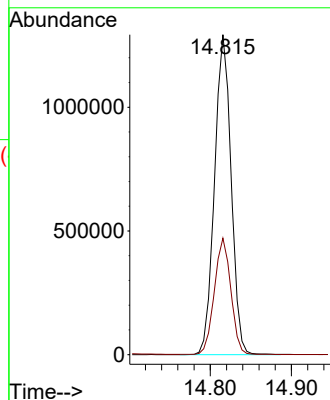
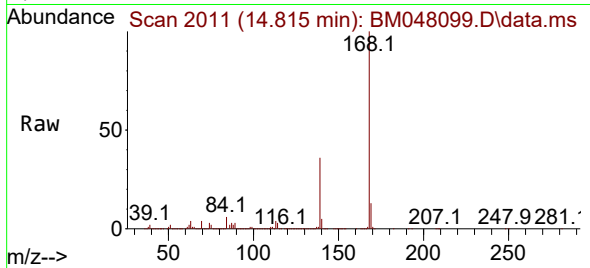




#56
Dibenzenofuran
Concen: 25.143 ng/ul
RT: 14.815 min Scan# 2011
Delta R.T. -0.006 min
Lab File: BM048099.D
Acq: 16 Oct 2024 22:27

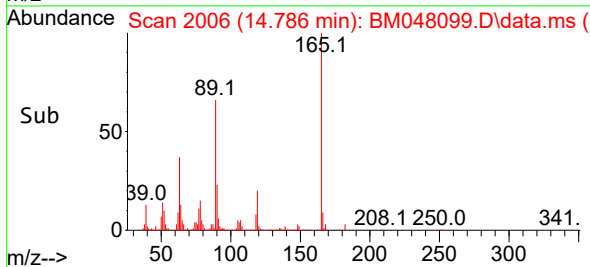
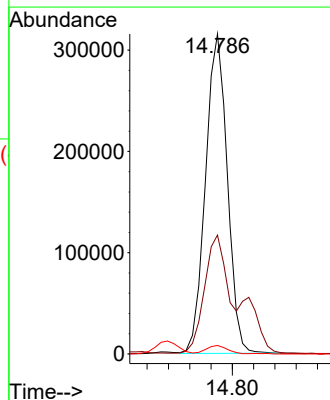
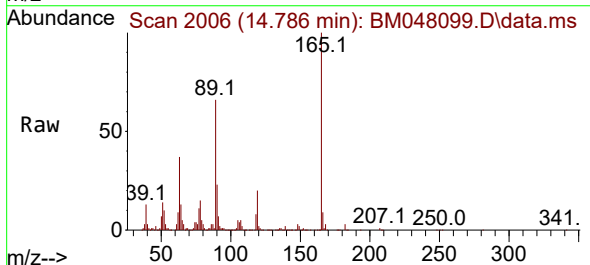
Instrument :
BNA_M
ClientSampleId :
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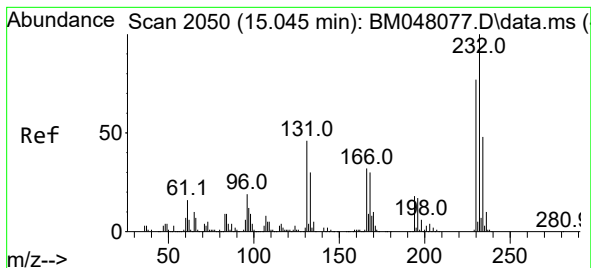
Tgt Ion:168 Resp: 1838058
Ion Ratio Lower Upper
168 100
139 36.4 31.0 46.6



#57
2,4-Dinitrotoluene
Concen: 29.187 ng/ul
RT: 14.786 min Scan# 2006
Delta R.T. 0.000 min
Lab File: BM048099.D
Acq: 16 Oct 2024 22:27

Tgt Ion:165 Resp: 447989
Ion Ratio Lower Upper
165 100
63 37.1 45.8 68.6#
182 2.6 1.7 2.5#

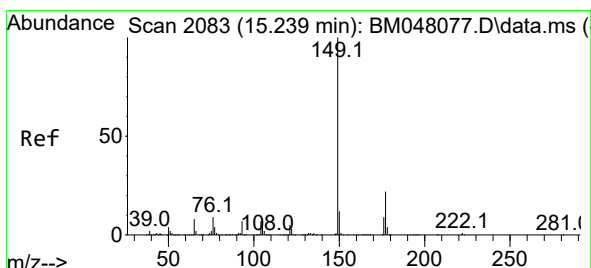
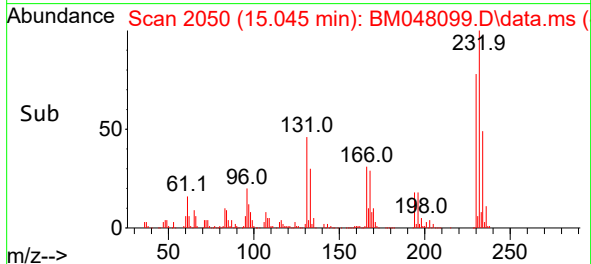
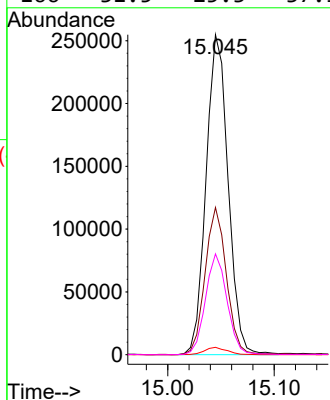
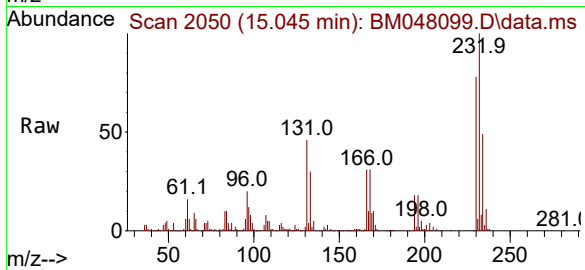




#58
2,3,4,6-Tetrachlorophenol
Concen: 28.554 ng/ul
RT: 15.045 min Scan# 2050
Delta R.T. -0.006 min
Lab File: BM048099.D
Acq: 16 Oct 2024 22:27

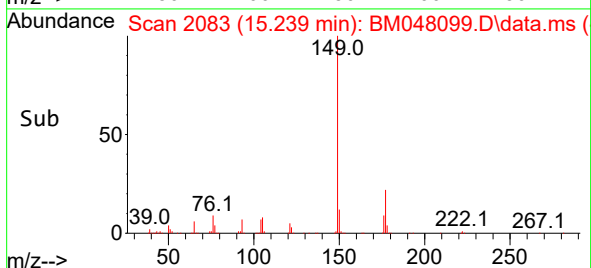
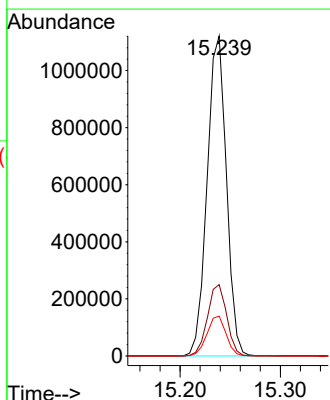
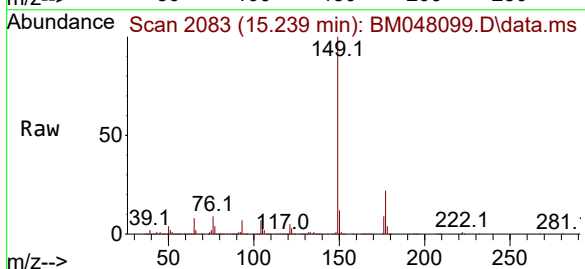
Instrument :
BNA_M
ClientSampleId :
SLCS982

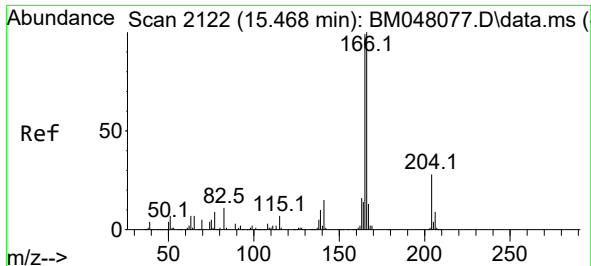
Tgt Ion:232 Resp: 367390
Ion Ratio Lower Upper
232 100
131 46.0 40.2 60.4
130 2.3 2.6 4.0#
166 31.5 25.3 37.9



#59
Diethylphthalate
Concen: 25.775 ng/ul
RT: 15.239 min Scan# 2083
Delta R.T. -0.006 min
Lab File: BM048099.D
Acq: 16 Oct 2024 22:27

Tgt Ion:149 Resp: 1500656
Ion Ratio Lower Upper
149 100
177 22.3 16.9 25.3
150 12.4 9.2 13.8

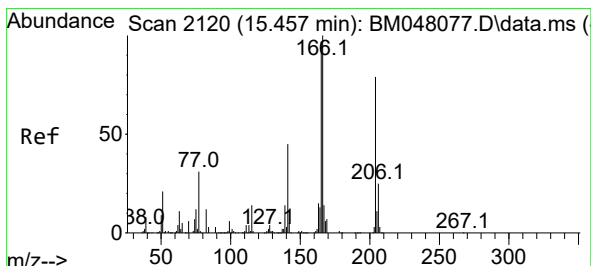
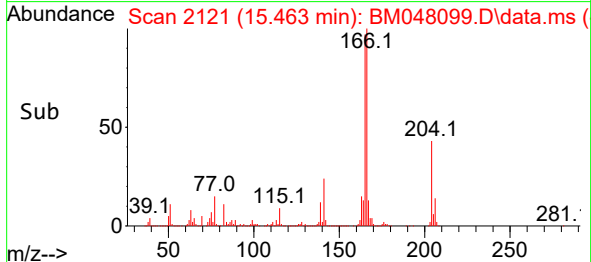
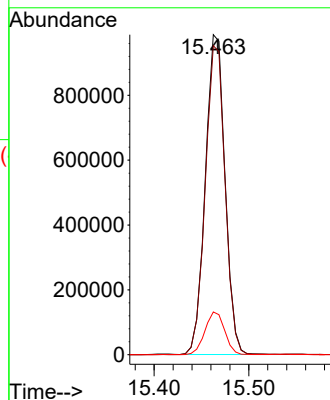
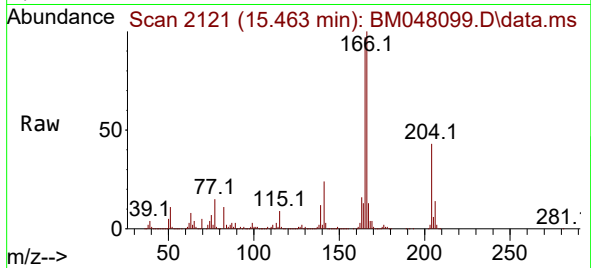




#61
Fluorene
Concen: 23.423 ng/ul
RT: 15.463 min Scan# 2121
Delta R.T. -0.006 min
Lab File: BM048099.D
Acq: 16 Oct 2024 22:27

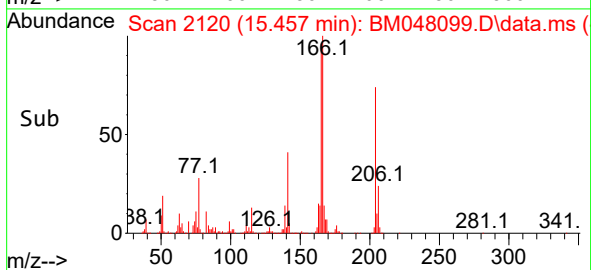
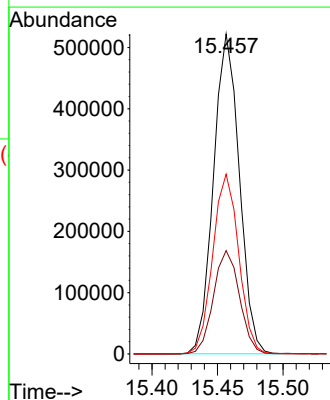
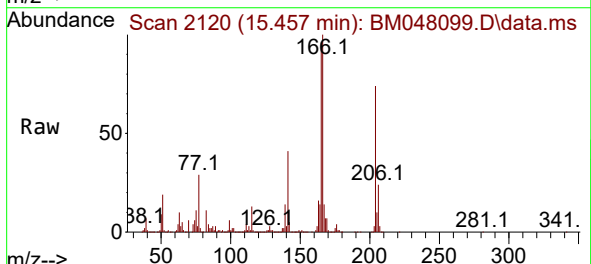
Instrument :
BNA_M
ClientSampleId :
SLCS982

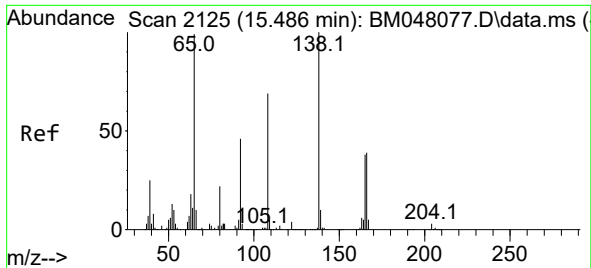
Tgt Ion:166 Resp: 1428576
Ion Ratio Lower Upper
166 100
165 96.5 77.8 116.6
167 13.3 10.8 16.2



#62
4-Chlorophenyl-phenylether
Concen: 24.796 ng/ul
RT: 15.457 min Scan# 2120
Delta R.T. -0.006 min
Lab File: BM048099.D
Acq: 16 Oct 2024 22:27

Tgt Ion:204 Resp: 714617
Ion Ratio Lower Upper
204 100
206 32.3 27.0 40.4
141 56.2 49.2 73.8

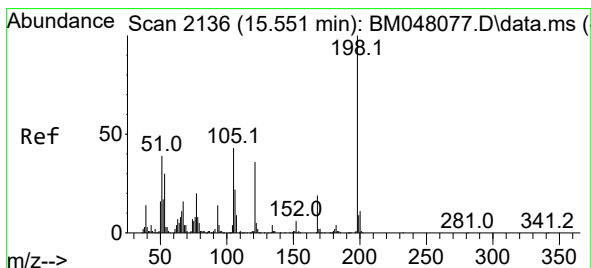
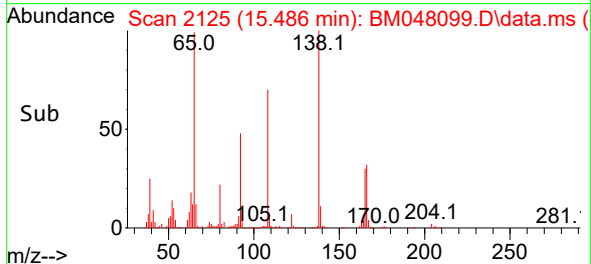
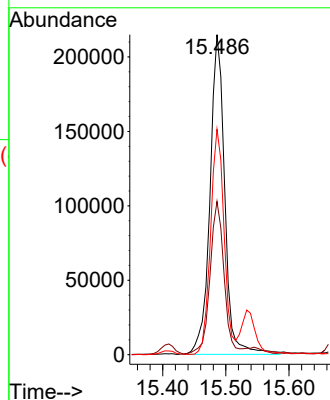
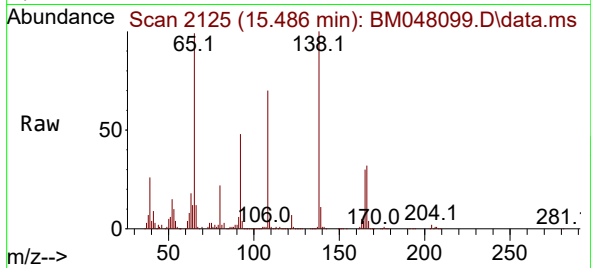




#63
4-Nitroaniline
Concen: 29.141 ng/ul
RT: 15.486 min Scan# 2125
Delta R.T. 0.000 min
Lab File: BM048099.D
Acq: 16 Oct 2024 22:27

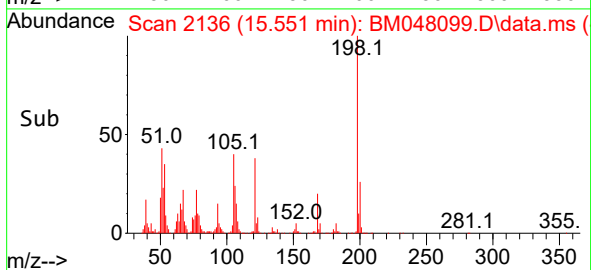
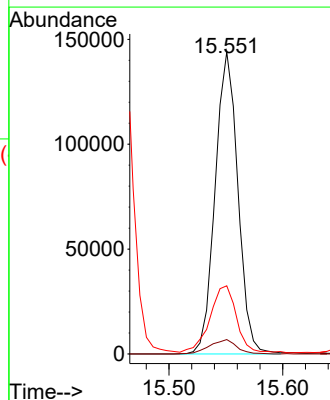
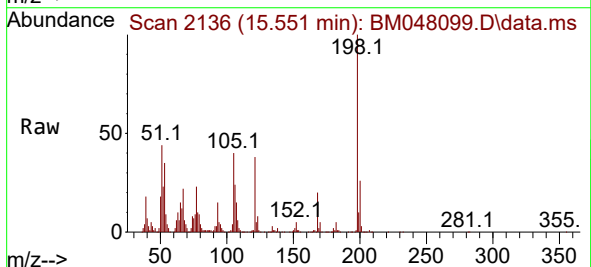
Instrument :
BNA_M
ClientSampleId :
SLCS982

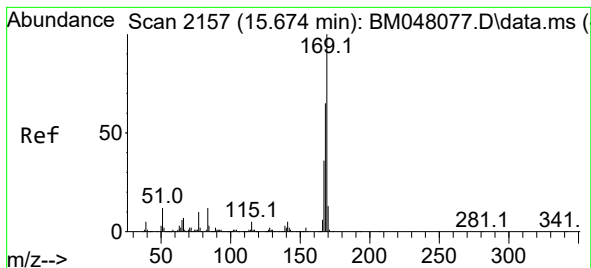
Tgt Ion:138 Resp: 350055
Ion Ratio Lower Upper
138 100
92 47.9 44.9 67.3
108 70.4 62.4 93.6



#66
4,6-Dinitro-2-methylphenol
Concen: 20.265 ng/ul
RT: 15.551 min Scan# 2136
Delta R.T. 0.006 min
Lab File: BM048099.D
Acq: 16 Oct 2024 22:27

Tgt Ion:198 Resp: 200338
Ion Ratio Lower Upper
198 100
182 4.8 5.1 7.7#
77 22.6 26.2 39.2#





#67

N-Nitrosodiphenylamine

Concen: 25.737 ng/ul

RT: 15.674 min Scan# 2157

Delta R.T. 0.000 min

Lab File: BM048099.D

Acq: 16 Oct 2024 22:27

Instrument :

BNA_M

ClientSampleId :

SLCS982

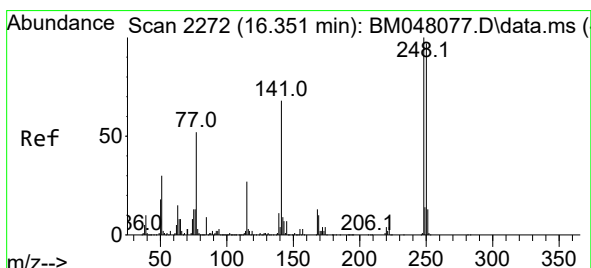
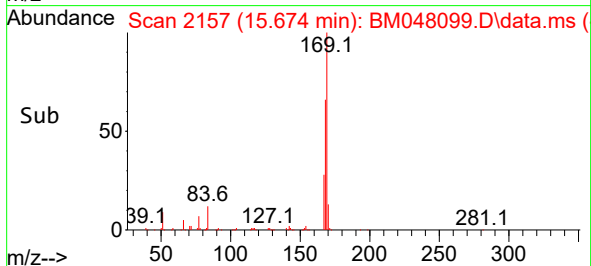
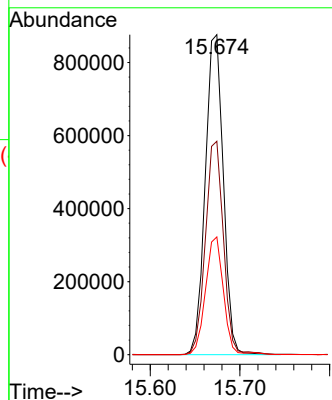
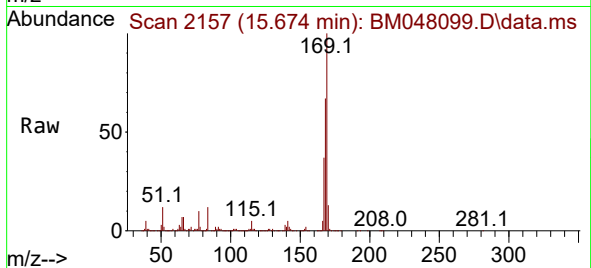
Tgt Ion:169 Resp: 1222694

Ion Ratio Lower Upper

169 100

168 66.7 53.5 80.3

167 36.8 30.0 45.0



#68

4-Bromophenyl-phenylether

Concen: 28.538 ng/ul

RT: 16.351 min Scan# 2272

Delta R.T. -0.006 min

Lab File: BM048099.D

Acq: 16 Oct 2024 22:27

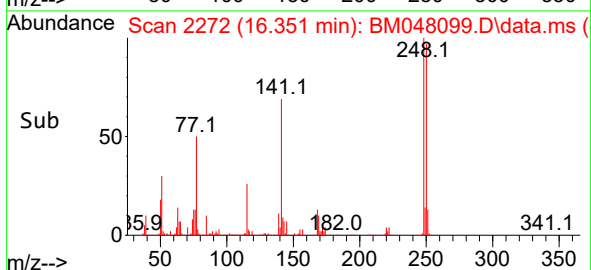
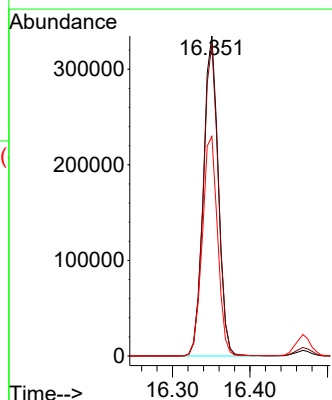
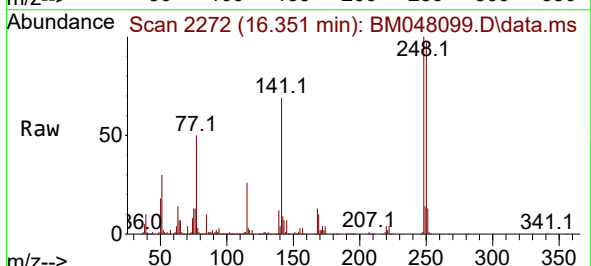
Tgt Ion:248 Resp: 448481

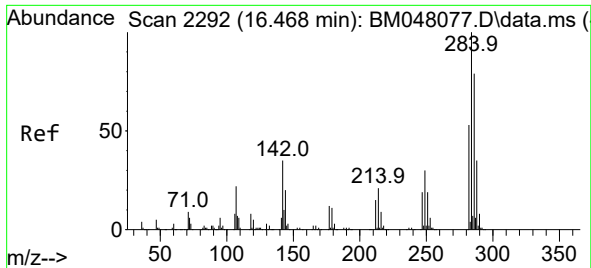
Ion Ratio Lower Upper

248 100

250 97.4 76.5 114.7

141 68.6 60.8 91.2

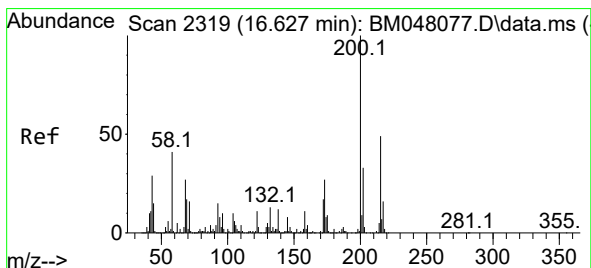
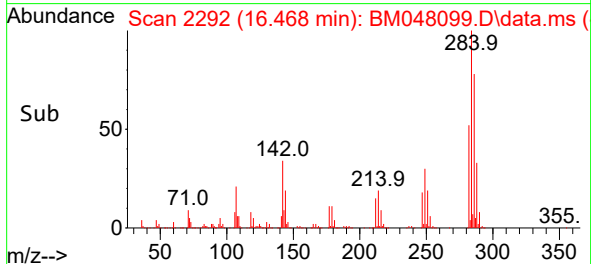
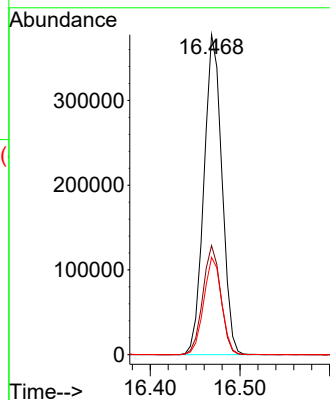
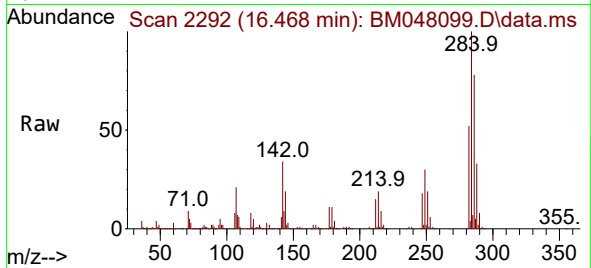




#69
Hexachlorobenzene
Concen: 28.745 ng/ul
RT: 16.468 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM048099.D
Acq: 16 Oct 2024 22:27

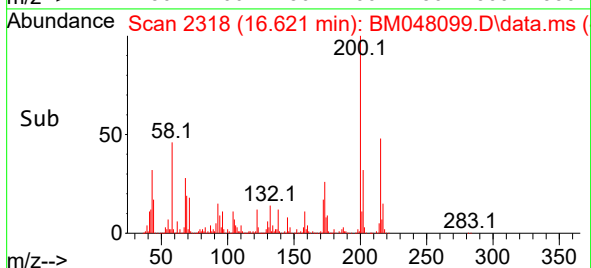
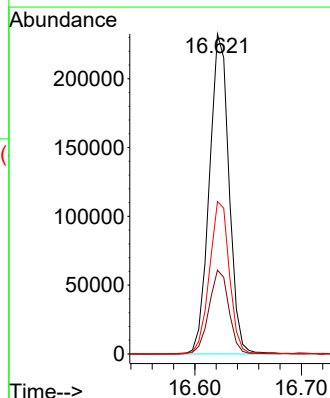
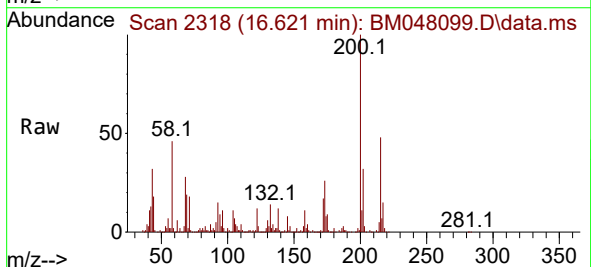
Instrument :
BNA_M
ClientSampleId :
SLCS982

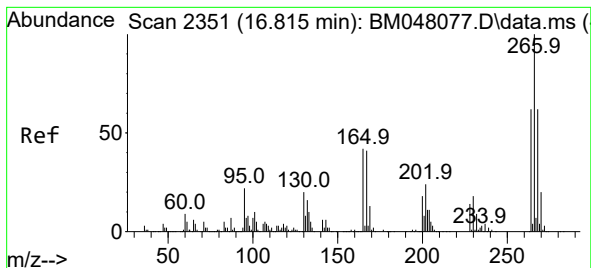
Tgt Ion:284 Resp: 525689
Ion Ratio Lower Upper
284 100
142 34.1 32.4 48.6
249 30.4 26.3 39.5



#70
Atrazine
Concen: 18.870 ng/ul
RT: 16.621 min Scan# 2318
Delta R.T. -0.006 min
Lab File: BM048099.D
Acq: 16 Oct 2024 22:27

Tgt Ion:200 Resp: 298419
Ion Ratio Lower Upper
200 100
173 26.2 20.2 30.2
215 47.7 39.4 59.2





#71

Pentachlorophenol

Concen: 27.324 ng/ul

RT: 16.815 min Scan# 21

Delta R.T. 0.000 min

Lab File: BM048099.D

Acq: 16 Oct 2024 22:27

Instrument :

BNA_M

ClientSampleId :

SLCS982

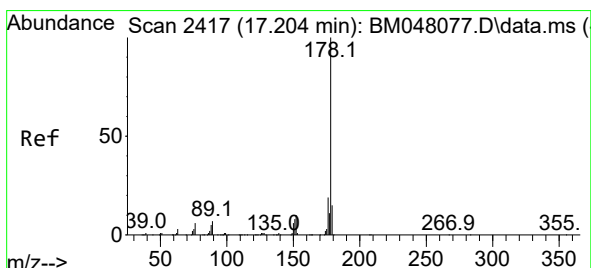
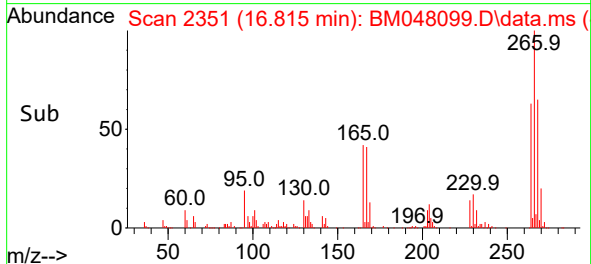
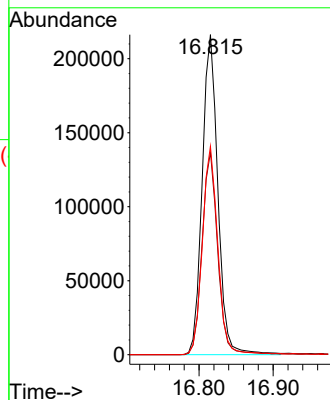
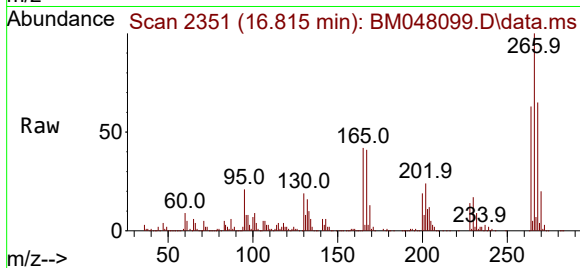
Tgt Ion:266 Resp: 317746

Ion Ratio Lower Upper

266 100

264 63.3 50.2 75.2

268 65.1 50.9 76.3



#72

Phenanthrene

Concen: 24.776 ng/ul

RT: 17.198 min Scan# 2416

Delta R.T. -0.006 min

Lab File: BM048099.D

Acq: 16 Oct 2024 22:27

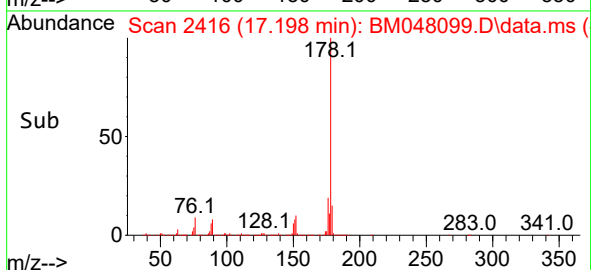
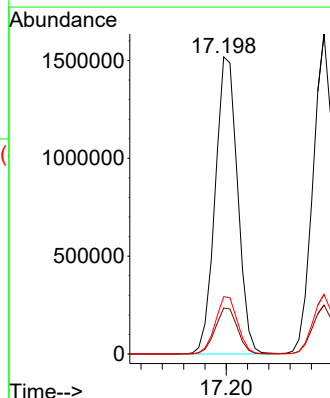
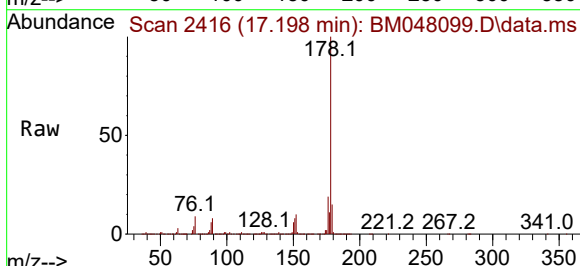
Tgt Ion:178 Resp: 2215131

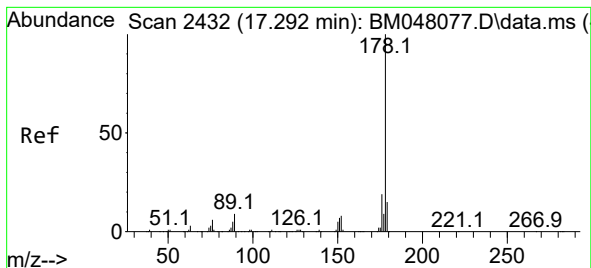
Ion Ratio Lower Upper

178 100

179 15.5 12.0 18.0

176 19.3 15.4 23.0





#74

Anthracene

Concen: 24.382 ng/uI

RT: 17.292 min Scan# 2432

Delta R.T. 0.000 min

Lab File: BM048099.D

Acq: 16 Oct 2024 22:27

Instrument :

BNA_M

ClientSampleId :

SLCS982

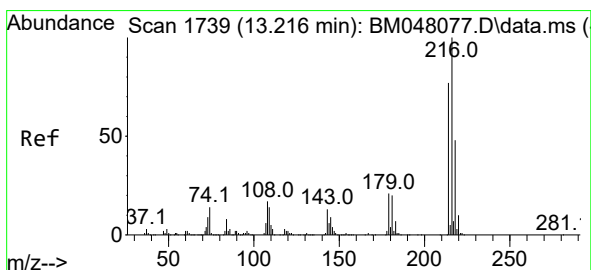
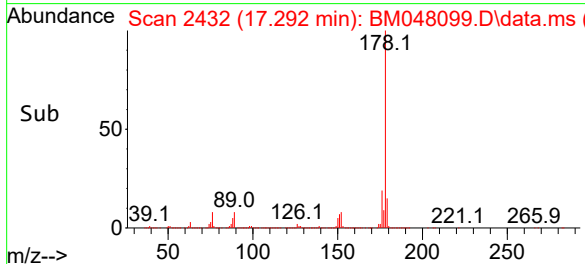
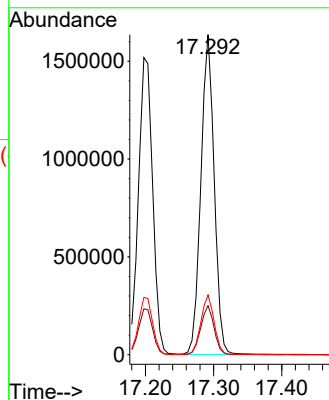
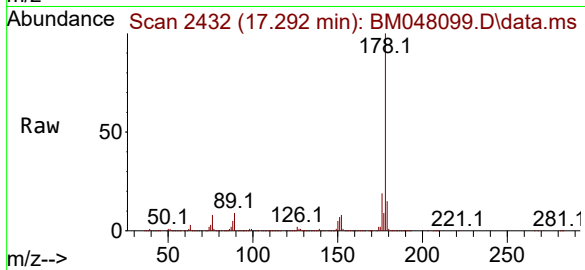
Tgt Ion:178 Resp: 2223400

Ion Ratio Lower Upper

178 100

179 15.3 12.4 18.6

176 18.6 14.7 22.1



#75

1,2,3,4-Tetrachlorobenzene

Concen: 25.726 ng/uI

RT: 13.216 min Scan# 1739

Delta R.T. -0.006 min

Lab File: BM048099.D

Acq: 16 Oct 2024 22:27

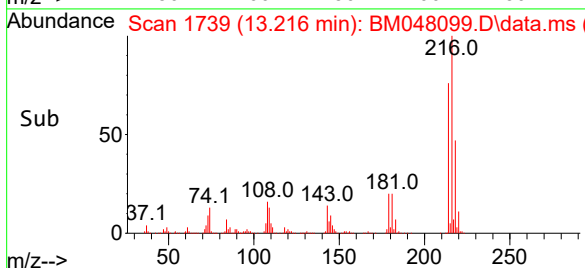
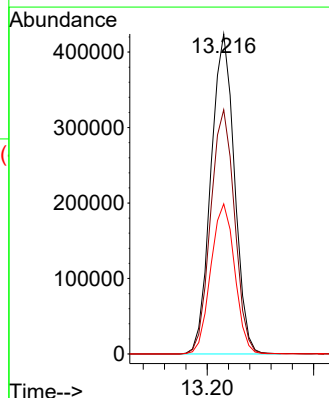
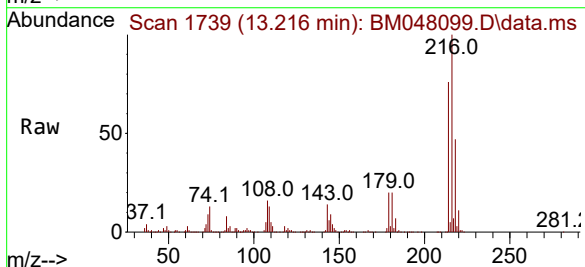
Tgt Ion:216 Resp: 649394

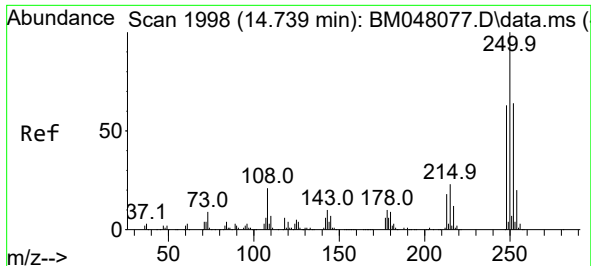
Ion Ratio Lower Upper

216 100

214 76.3 63.0 94.4

218 46.9 37.6 56.4

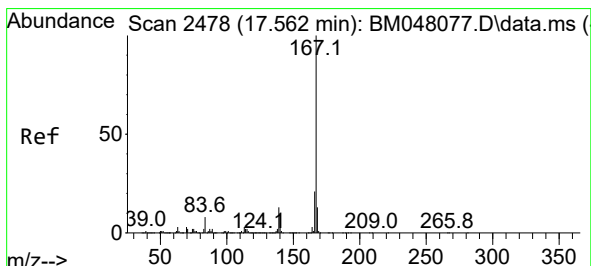
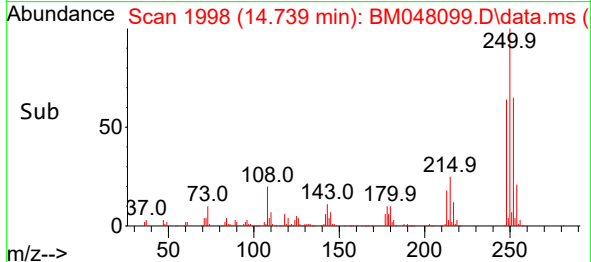
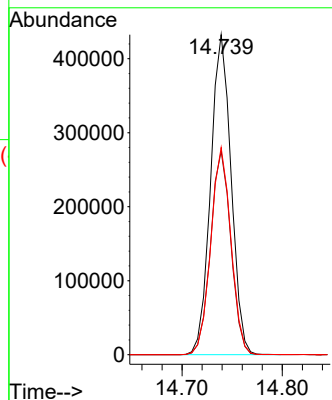
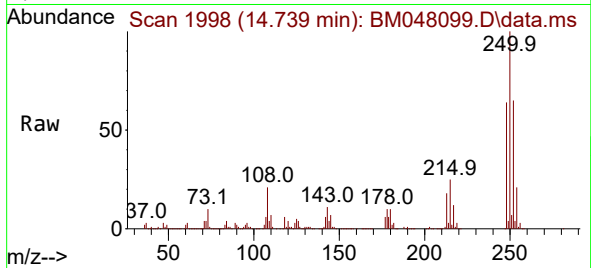




#76
 Pentachlorobenzene
 Concen: 24.954 ng/uL
 RT: 14.739 min Scan# 1998
 Delta R.T. -0.006 min
 Lab File: BM048099.D
 Acq: 16 Oct 2024 22:27

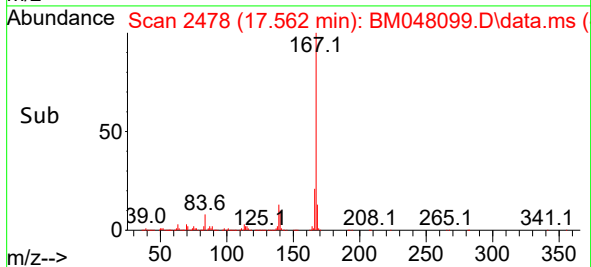
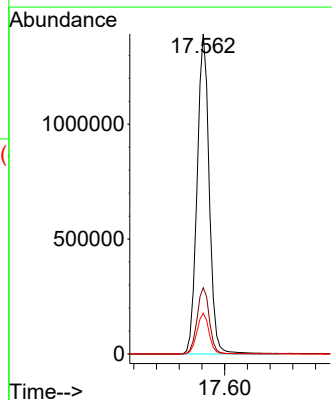
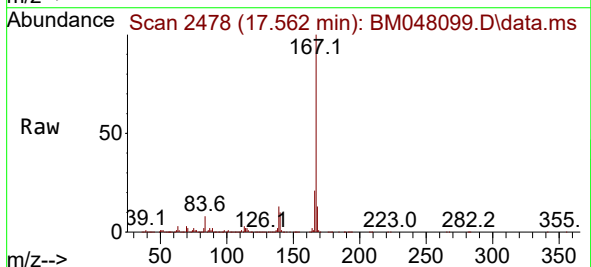
Instrument :
 BNA_M
 ClientSampleId :
 SLCS982

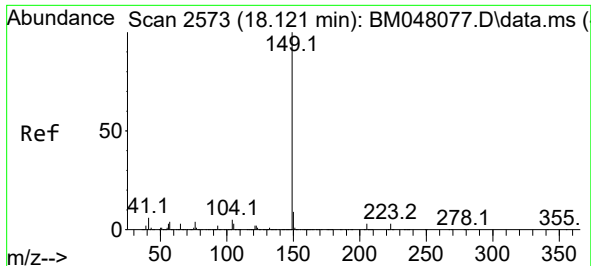
Tgt Ion:250 Resp: 614838
 Ion Ratio Lower Upper
 250 100
 248 63.5 50.2 75.2
 252 64.7 49.4 74.0



#77
 Carbazole
 Concen: 25.022 ng/uL
 RT: 17.562 min Scan# 2478
 Delta R.T. 0.000 min
 Lab File: BM048099.D
 Acq: 16 Oct 2024 22:27

Tgt Ion:167 Resp: 2068202
 Ion Ratio Lower Upper
 167 100
 166 20.7 17.4 26.0
 139 12.7 10.9 16.3

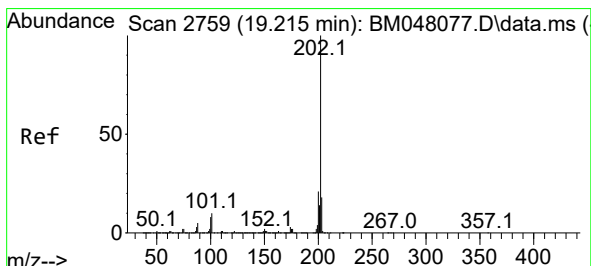
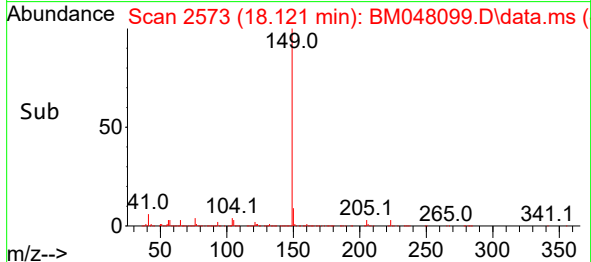
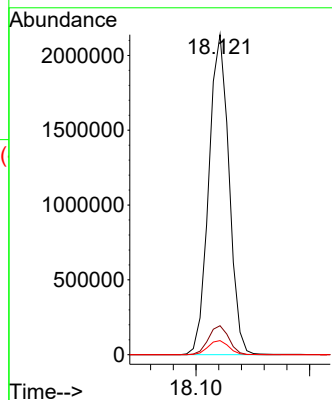
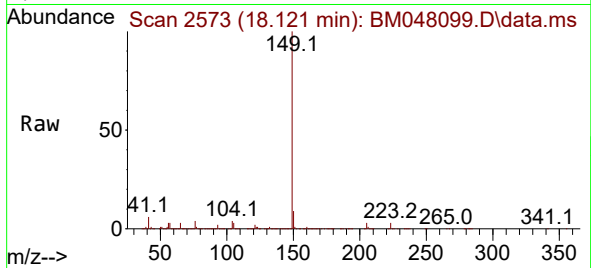




#78
Di-n-butylphthalate
Concen: 28.717 ng/ul
RT: 18.121 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM048099.D
Acq: 16 Oct 2024 22:27

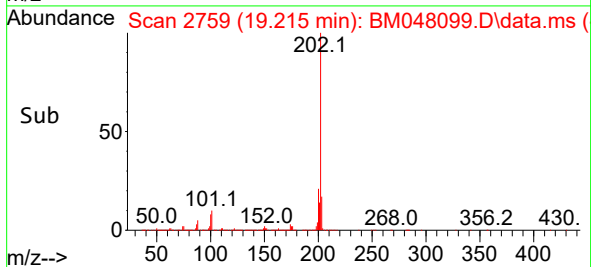
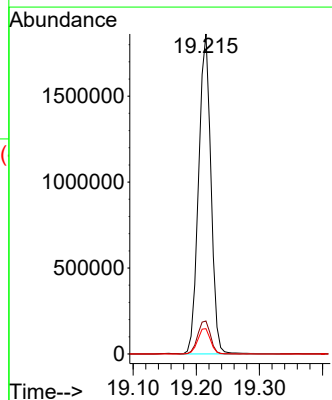
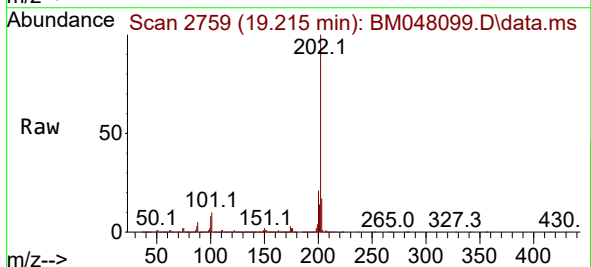
Instrument :
BNA_M
ClientSampleId :
SLCS982

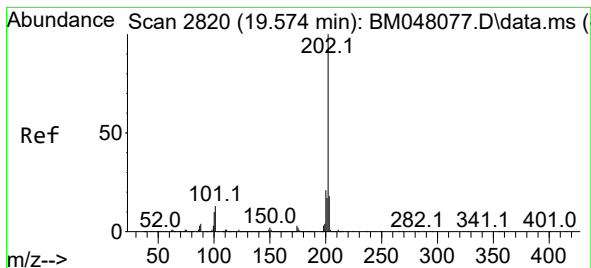
Tgt Ion:149 Resp: 2642560
Ion Ratio Lower Upper
149 100
150 9.1 7.4 11.2
104 4.4 4.6 7.0#



#80
Fluoranthene
Concen: 29.448 ng/ul
RT: 19.215 min Scan# 2759
Delta R.T. 0.000 min
Lab File: BM048099.D
Acq: 16 Oct 2024 22:27

Tgt Ion:202 Resp: 2517410
Ion Ratio Lower Upper
202 100
101 10.3 9.0 13.4
100 7.9 6.8 10.2





#82

Pyrene

Concen: 27.802 ng/ul

RT: 19.574 min Scan# 21

Delta R.T. 0.000 min

Lab File: BM048099.D

Acq: 16 Oct 2024 22:27

Instrument :

BNA_M

ClientSampleId :

SLCS982

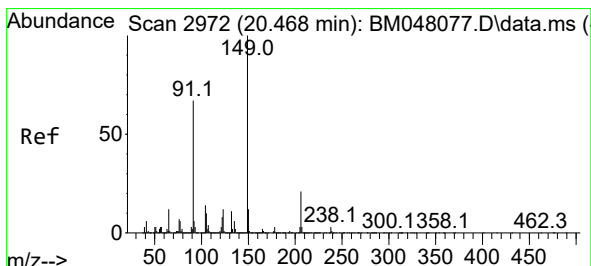
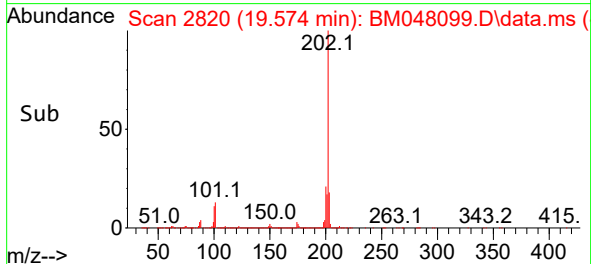
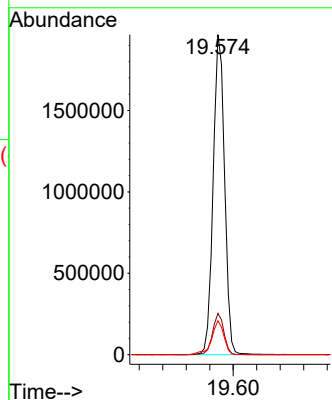
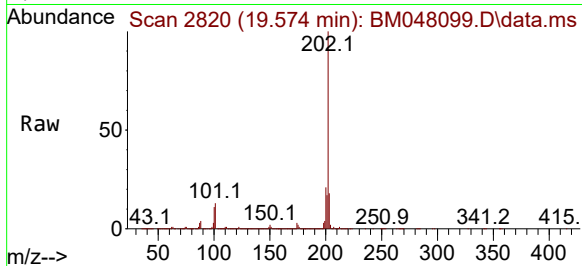
Tgt Ion:202 Resp: 2645274

Ion Ratio Lower Upper

202 100

101 12.9 10.9 16.3

100 10.6 9.4 14.2



#83

Butylbenzylphthalate

Concen: 35.574 ng/ul

RT: 20.468 min Scan# 2972

Delta R.T. 0.000 min

Lab File: BM048099.D

Acq: 16 Oct 2024 22:27

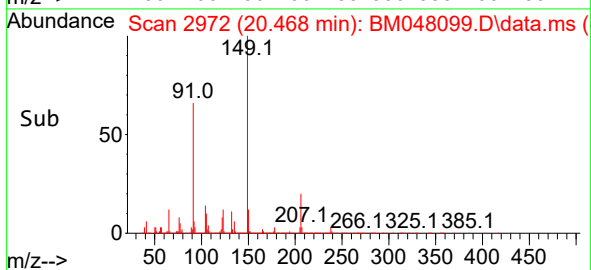
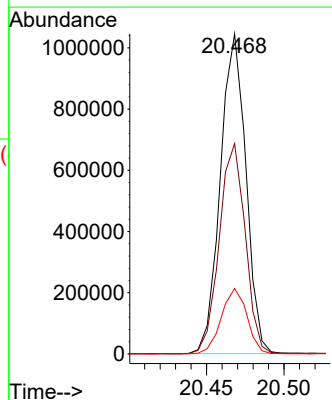
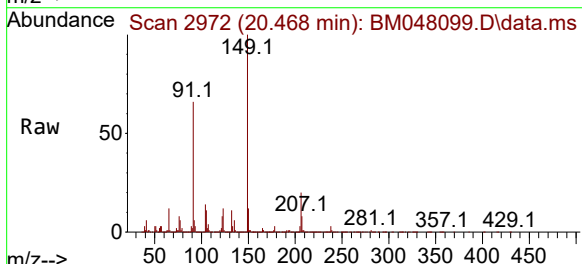
Tgt Ion:149 Resp: 1196617

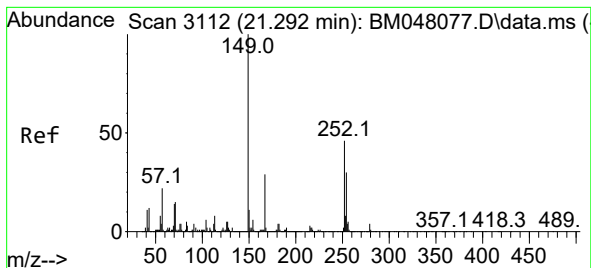
Ion Ratio Lower Upper

149 100

91 65.8 66.9 100.3#

206 20.4 14.4 21.6





#84

3,3'-Dichlorobenzidine

Concen: 27.827 ng/ul

RT: 21.292 min Scan# 3112

Delta R.T. 0.000 min

Lab File: BM048099.D

Acq: 16 Oct 2024 22:27

Instrument :

BNA_M

ClientSampleId :

SLCS982

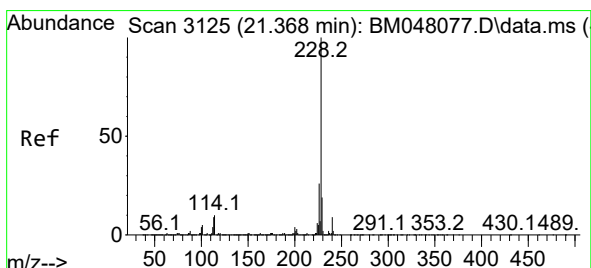
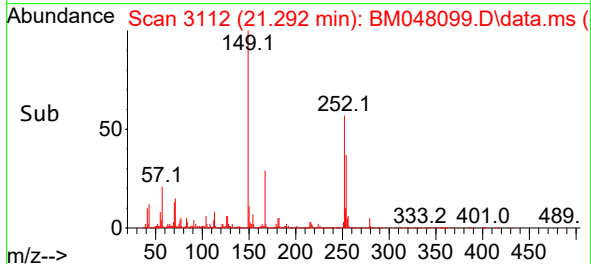
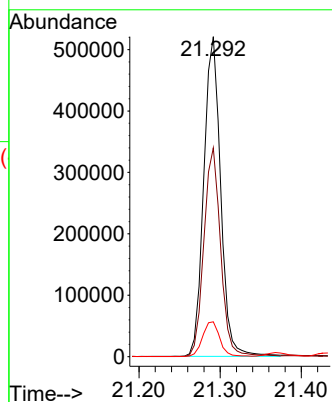
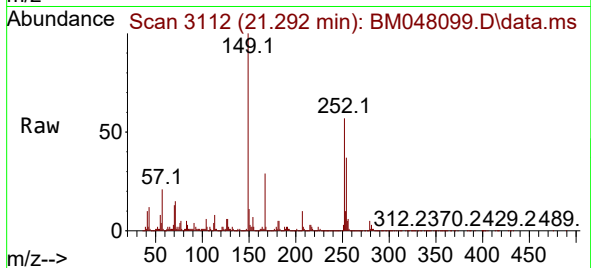
Tgt Ion:252 Resp: 752000

Ion Ratio Lower Upper

252 100

254 65.3 51.5 77.3

126 10.9 9.4 14.0



#85

Benzo(a)anthracene

Concen: 27.799 ng/ul

RT: 21.368 min Scan# 3125

Delta R.T. 0.000 min

Lab File: BM048099.D

Acq: 16 Oct 2024 22:27

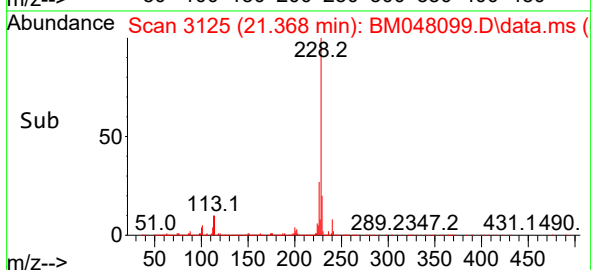
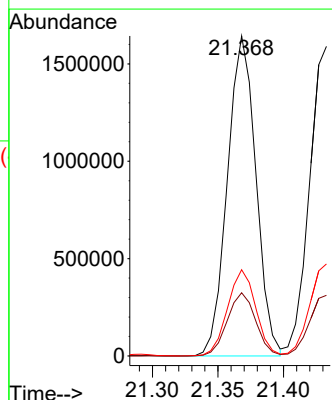
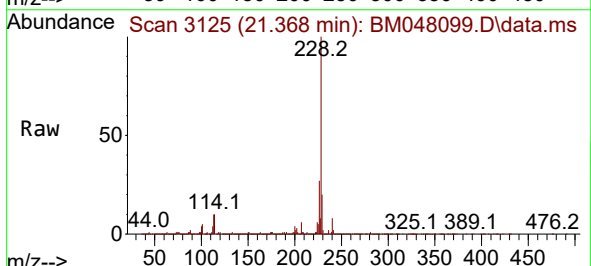
Tgt Ion:228 Resp: 2489255

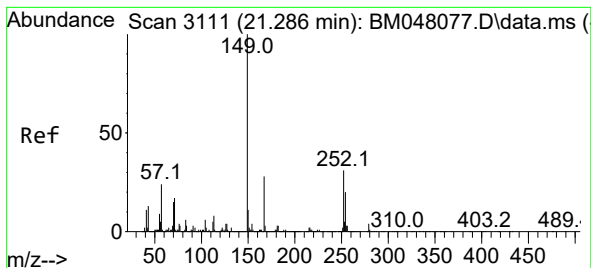
Ion Ratio Lower Upper

228 100

229 19.8 15.6 23.4

226 26.9 21.9 32.9

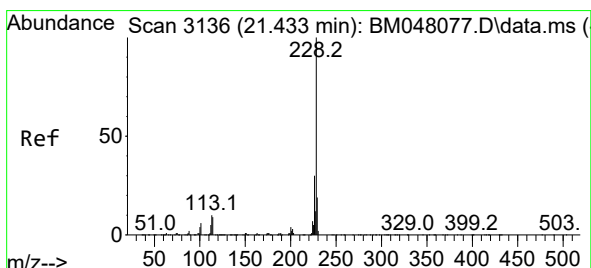
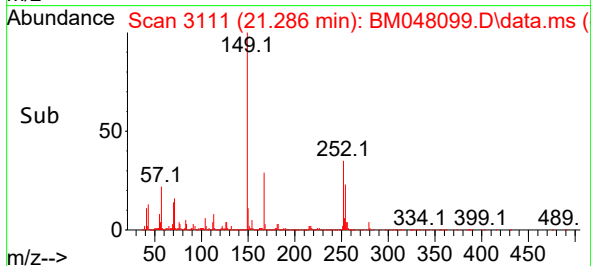
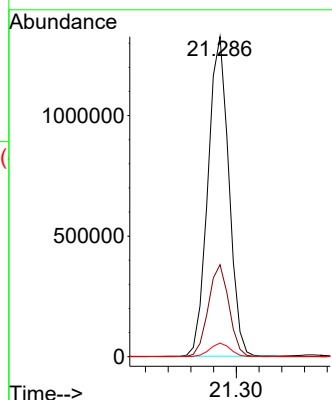
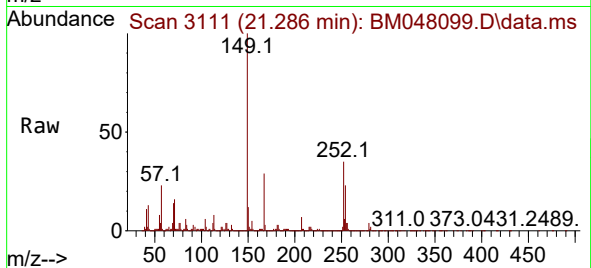




#86
Bis(2-ethylhexyl)phthalate
Concen: 33.480 ng/ul
RT: 21.286 min Scan# 3111
Delta R.T. 0.000 min
Lab File: BM048099.D
Acq: 16 Oct 2024 22:27

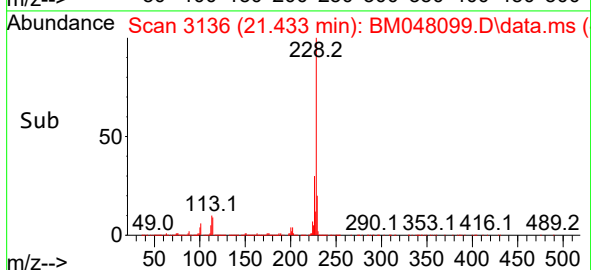
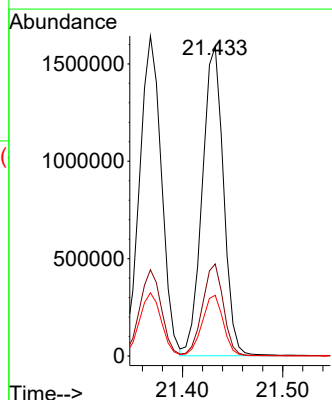
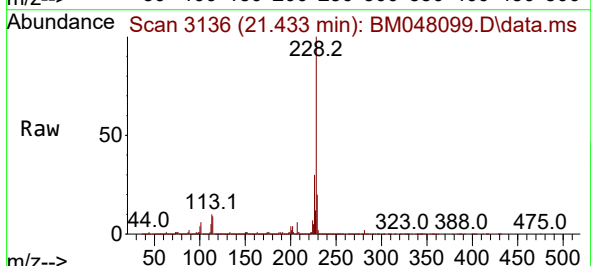
Instrument :
BNA_M
ClientSampleId :
SLCS982

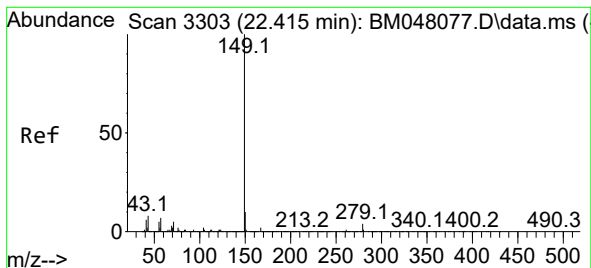
Tgt Ion:149 Resp: 1690807
Ion Ratio Lower Upper
149 100
167 28.8 21.3 31.9
279 4.2 2.7 4.1#



#87
Chrysene
Concen: 26.874 ng/ul
RT: 21.433 min Scan# 3136
Delta R.T. 0.006 min
Lab File: BM048099.D
Acq: 16 Oct 2024 22:27

Tgt Ion:228 Resp: 2345998
Ion Ratio Lower Upper
228 100
226 29.7 23.6 35.4
229 19.6 15.3 22.9





#89

Di-n-octyl phthalate

Concen: 32.482 ng/ul

RT: 22.409 min Scan# 31

Delta R.T. -0.006 min

Lab File: BM048099.D

Acq: 16 Oct 2024 22:27

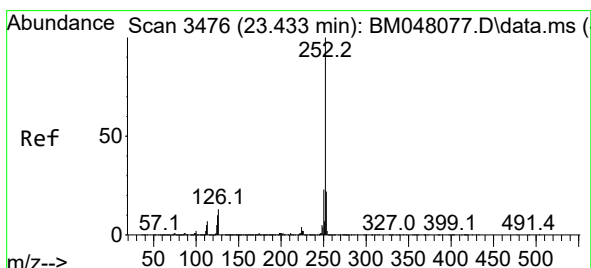
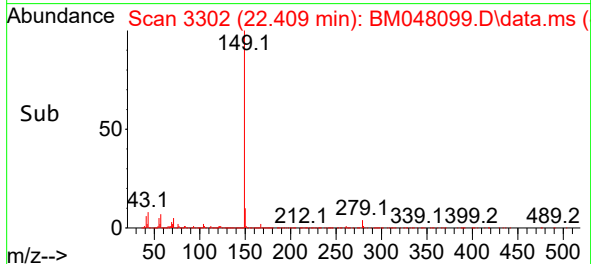
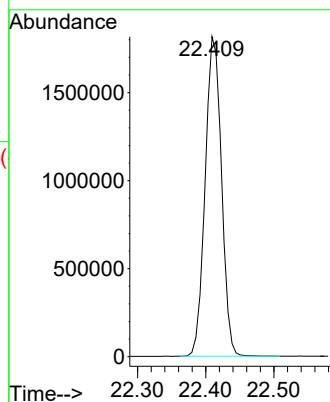
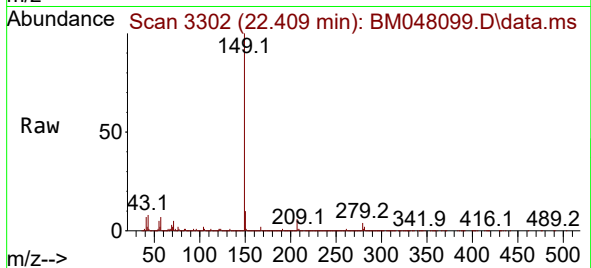
Instrument :

BNA_M

ClientSampleId :

SLCS982

Tgt Ion:149 Resp: 3026671



#90

Benzo(b)fluoranthene

Concen: 27.844 ng/ul

RT: 23.438 min Scan# 3477

Delta R.T. 0.012 min

Lab File: BM048099.D

Acq: 16 Oct 2024 22:27

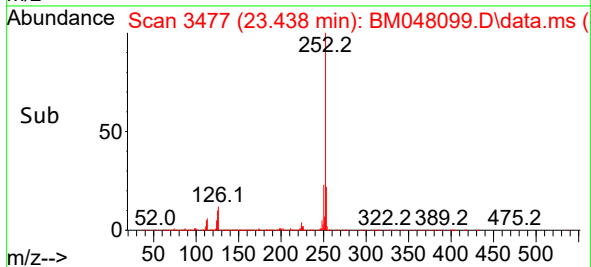
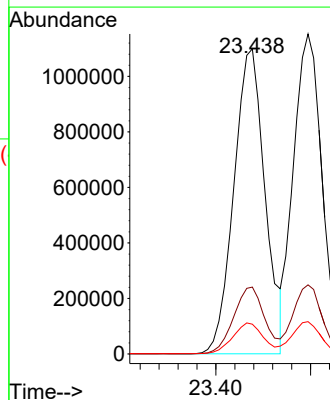
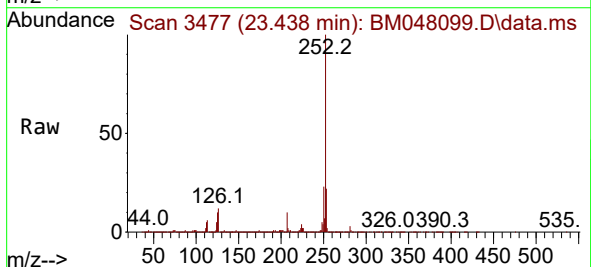
Tgt Ion:252 Resp: 2508500

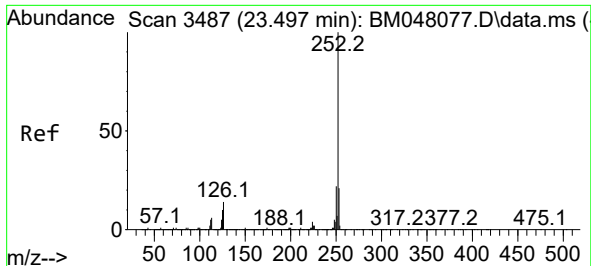
Ion Ratio Lower Upper

252 100

253 21.9 17.4 26.2

125 9.8 9.0 13.4

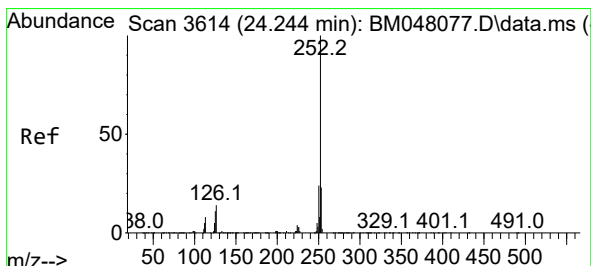
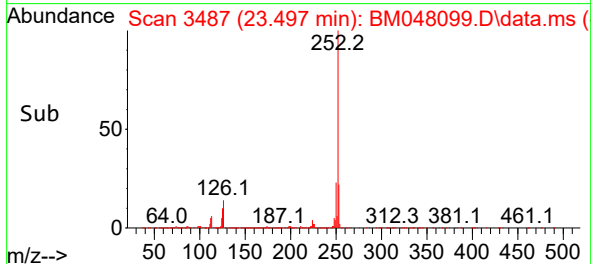
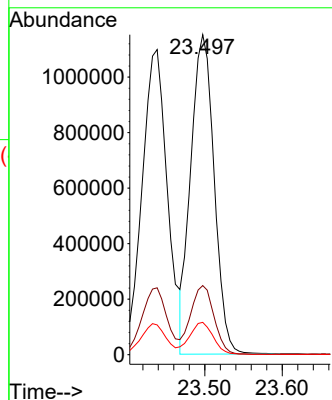
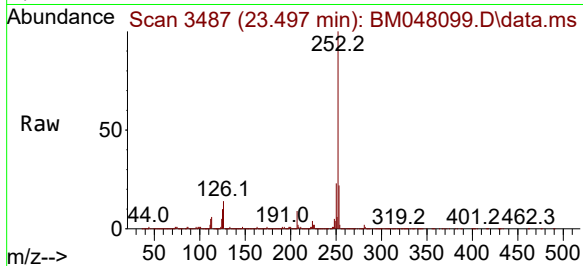




#91
Benzo(k)fluoranthene
Concen: 26.163 ng/ul
RT: 23.497 min Scan# 3487
Delta R.T. 0.012 min
Lab File: BM048099.D
Acq: 16 Oct 2024 22:27

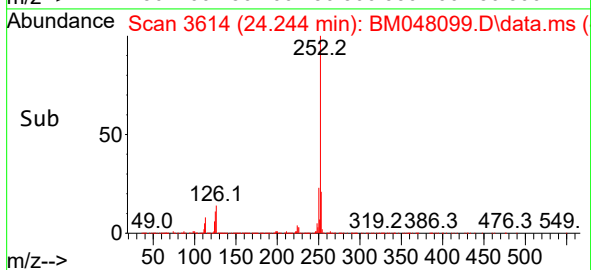
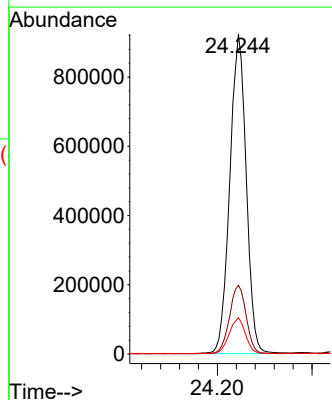
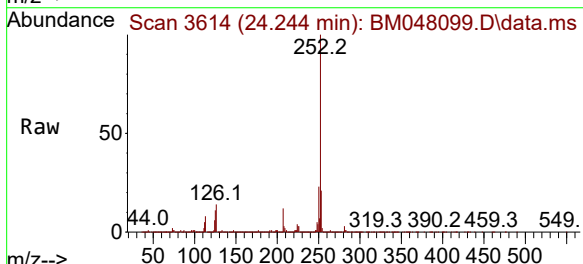
Instrument :
BNA_M
ClientSampleId :
SLCS982

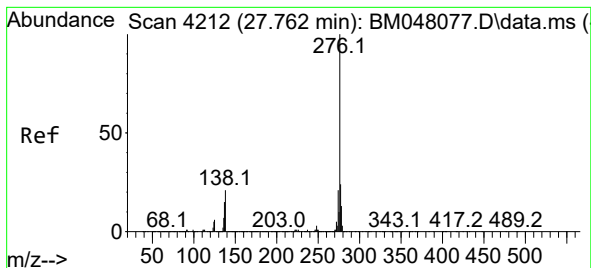
Tgt Ion:252 Resp: 2410174
Ion Ratio Lower Upper
252 100
253 21.6 17.5 26.3
125 10.1 8.9 13.3



#93
Benzo(a)pyrene
Concen: 25.998 ng/ul
RT: 24.244 min Scan# 3614
Delta R.T. 0.012 min
Lab File: BM048099.D
Acq: 16 Oct 2024 22:27

Tgt Ion:252 Resp: 2224400
Ion Ratio Lower Upper
252 100
253 21.5 17.2 25.8
125 11.3 10.1 15.1





#94

Indeno(1,2,3-cd)pyrene

Concen: 26.863 ng/ul

RT: 27.768 min Scan# 4212

Delta R.T. 0.024 min

Lab File: BM048099.D

Acq: 16 Oct 2024 22:27

Instrument :

BNA_M

ClientSampleId :

SLCS982

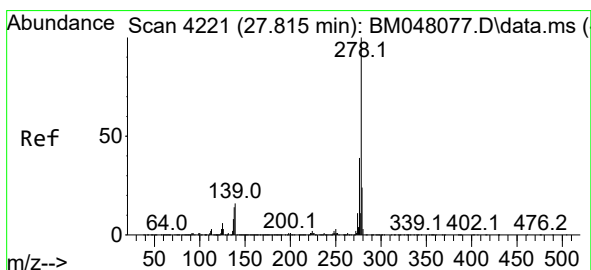
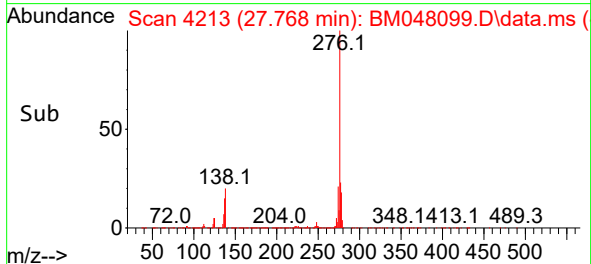
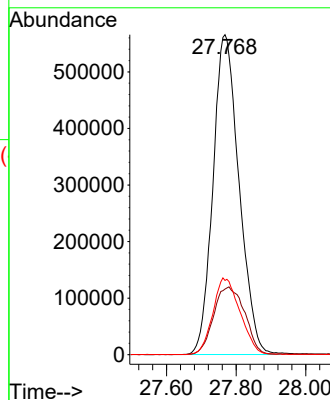
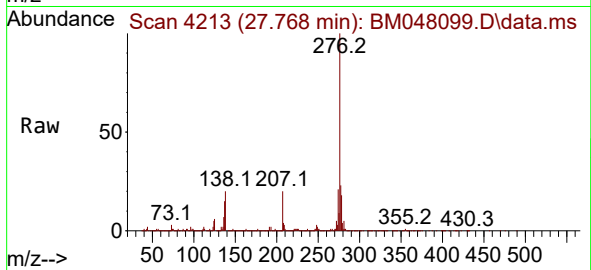
Tgt Ion:276 Resp: 2945486

Ion Ratio Lower Upper

276 100

138 20.5 16.9 25.3

277 23.2 18.9 28.3



#95

Dibenzo(a,h)anthracene

Concen: 26.707 ng/ul

RT: 27.815 min Scan# 4221

Delta R.T. 0.018 min

Lab File: BM048099.D

Acq: 16 Oct 2024 22:27

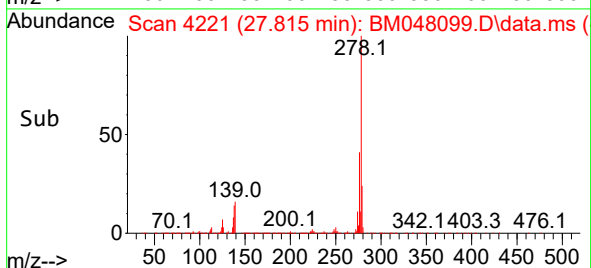
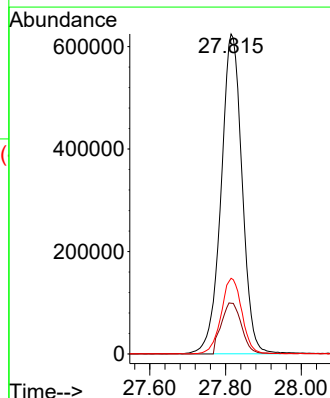
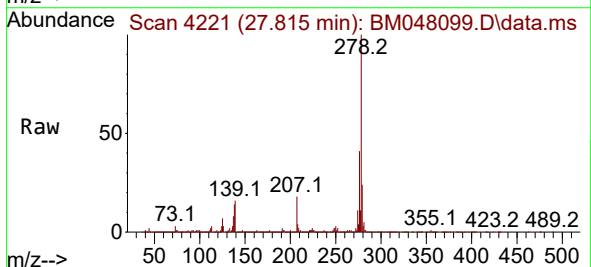
Tgt Ion:278 Resp: 2399856

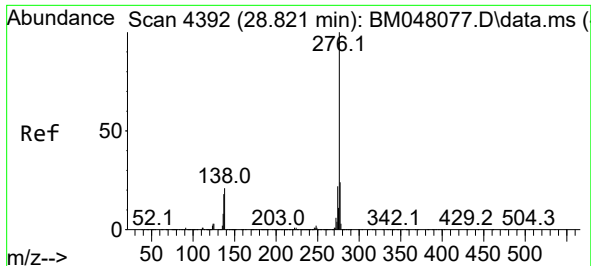
Ion Ratio Lower Upper

278 100

139 15.9 13.4 20.2

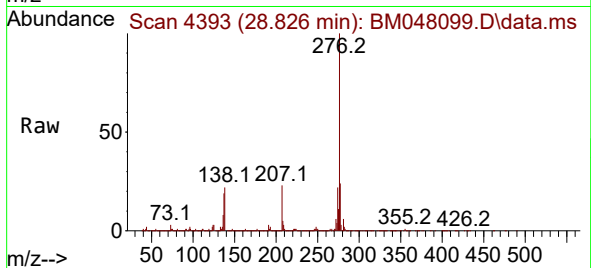
279 23.7 18.4 27.6





#96
 Benzo(g,h,i)perylene
 Concen: 26.804 ng/ul
 RT: 28.826 min Scan# 41
 Delta R.T. 0.035 min
 Lab File: BM048099.D
 Acq: 16 Oct 2024 22:27

Instrument :
 BNA_M
 ClientSampleId :
 SLCS982



Tgt Ion:276 Resp: 2302684

Ion	Ratio	Lower	Upper
276	100		
138	22.3	18.7	28.1
277	23.7	18.3	27.5

