

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080324\
 Data File : BM046965.D
 Acq On : 03 Aug 2024 14:48
 Operator : MA/JU
 Sample : P3276-20MSD
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 E20J7MSD

Quant Time: Aug 05 00:56:01 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM080224.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Aug 03 02:51:11 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.399	152	205156	20.000	ng/u1	0.00
20) Naphthalene-d8	10.157	136	811018	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.057	164	523299	20.000	ng/u1	0.00
64) Phenanthrene-d10	16.816	188	1107182	20.000	ng/u1	0.00
79) Chrysene-d12	21.056	240	929215	20.000	ng/u1	0.00
88) Perylene-d12	23.774	264	1093657	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.022	96	13405	2.589	ng/uL	0.00
4) Pyridine-d5	3.422	84	35610	2.521	ng/u1	0.01
7) Phenol-d5	6.604	99	258285	16.573	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.757	67	164735	16.065	ng/u1	0.00
11) 2-Chlorophenol-d4	6.946	132	210971	15.981	ng/u1	0.00
15) 4-Methylphenol-d8	8.122	113	199127	16.129	ng/u1	0.00
21) Nitrobenzene-d5	8.545	128	102756	15.789	ng/u1	0.00
24) 2-Nitrophenol-d4	9.257	143	111512	15.690	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	9.792	165	218973	16.048	ng/u1	0.00
31) 4-Chloroaniline-d4	10.316	131	195150	10.882	ng/u1	0.00
46) Dimethylphthalate-d6	13.486	166	683128	17.073	ng/u1	0.00
49) Acenaphthylene-d8	13.745	160	766831	17.169	ng/u1	0.00
54) 4-Nitrophenol-d4	14.298	143	71561	9.250	ng/u1	0.00
60) Fluorene-d10	15.063	176	587408	17.162	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.198	200	59556	8.514	ng/u1	0.00
73) Anthracene-d10	16.916	188	924657	17.617	ng/u1	0.00
81) Pyrene-d10	19.227	212	846666	15.917	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.586	264	619433	10.756	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.052	88	39777	6.903	ng/uL	99
5) Pyridine	3.434	79	47034	3.363	ng/u1	95
6) Benzaldehyde	6.557	77	180126	20.122	ng/u1	97
8) Phenol	6.634	94	366157	23.330	ng/u1	93
10) Bis(2-Chloroethyl)ether	6.846	93	290772	21.736	ng/u1	99
12) 2-Chlorophenol	6.975	128	293685	21.959	ng/u1	98
13) 2-Methylphenol	7.857	108	254009	21.246	ng/u1	95
14) 2,2'-oxybis(1-Chloropr...	7.928	45	366462	22.860	ng/u1	100
16) Acetophenone	8.216	105	452632	23.293	ng/u1	98
17) N-Nitroso-di-n-propyla...	8.210	70	229574	22.404	ng/u1	97
18) 4-Methylphenol	8.187	108	287486	22.255	ng/u1	99
19) Hexachloroethane	8.457	117	87500	13.431	ng/u1	91
22) Nitrobenzene	8.587	77	347571	19.990	ng/u1	96
23) Isophorone	9.116	82	650262	21.857	ng/u1	99
25) 2-Nitrophenol	9.287	139	166362	21.398	ng/u1	92
26) 2,4-Dimethylphenol	9.369	107	192538	12.564	ng/u1	99
27) Bis(2-Chloroethoxy)met...	9.598	93	385491	21.019	ng/u1	100
29) 2,4-Dichlorophenol	9.822	162	295038	21.679	ng/u1	98
30) Naphthalene	10.210	128	904396	21.062	ng/u1	100
32) 4-Chloroaniline	10.334	127	228689	13.132	ng/u1	100
33) Hexachlorobutadiene	10.498	225	342070	34.840	ng/u1	98
35) 4-Chloro-3-methylphenol	11.475	107	303731	21.644	ng/u1	99
36) 2-Methylnaphthalene	11.834	142	648996	21.645	ng/u1	98
37) 1-Methylnaphthalene	12.057	142	656399	21.626	ng/u1	98

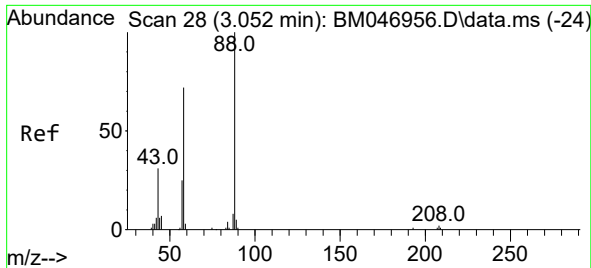
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) 1,2,4,5-Tetrachloroben...	12.216	216	342303	20.857	ng/ul	98
40) Hexachlorocyclopentadiene	12.192	237	169760	15.703	ng/ul	96
41) 2,4,6-Trichlorophenol	12.475	196	237050	22.067	ng/ul	97
42) 2,4,5-Trichlorophenol	12.545	196	256071	22.079	ng/ul	98
43) 1,1'-Biphenyl	12.881	154	868512	22.184	ng/ul	99
44) 2-Chloronaphthalene	12.916	162	682148	21.941	ng/ul	98
45) 2-Nitroaniline	13.133	65	211715	22.409	ng/ul	97
47) Dimethylphthalate	13.533	163	872417	21.729	ng/ul	100
48) 2,6-Dinitrotoluene	13.651	165	177372	22.725	ng/ul	86
50) Acenaphthylene	13.775	152	1073700	22.763	ng/ul	99
51) 3-Nitroaniline	13.975	138	172482	21.699	ng/ul	99
52) Acenaphthene	14.122	153	719877	21.169	ng/ul	99
53) 2,4-Dinitrophenol	14.192	184	101922	18.507	ng/ul	90
55) 4-Nitrophenol	14.310	109	148299	18.940	ng/ul	85
56) Dibenzofuran	14.463	168	1038906	21.768	ng/ul	94
57) 2,4-Dinitrotoluene	14.445	165	269346	22.582	ng/ul	93
58) 2,3,4,6-Tetrachlorophenol	14.698	232	210001	20.368	ng/ul#	95
59) Diethylphthalate	14.916	149	904976	20.953	ng/ul	98
61) Fluorene	15.116	166	858500	21.809	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.122	204	402884	20.790	ng/ul	96
63) 4-Nitroaniline	15.151	138	185040	23.556	ng/ul	84
66) 4,6-Dinitro-2-methylph...	15.216	198	164490	21.490	ng/ul	93
67) N-Nitrosodiphenylamine	15.339	169	736648	22.447	ng/ul	98
68) 4-Bromophenyl-phenylether	16.021	248	267077	22.286	ng/ul	93
69) Hexachlorobenzene	16.127	284	226713	16.066	ng/ul	96
70) Atrazine	16.310	200	182177	14.149	ng/ul	98
71) Pentachlorophenol	16.474	266	167919	17.576	ng/ul	99
72) Phenanthrene	16.863	178	1416108	22.817	ng/ul	100
74) Anthracene	16.951	178	1378969	22.032	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	12.833	216	325039	20.404	ng/uL	96
76) Pentachlorobenzene	14.380	250	325680	19.751	ng/uL	99
77) Carbazole	17.227	167	1127863	19.437	ng/ul	100
78) Di-n-butylphthalate	17.821	149	1643958	22.280	ng/ul	99
80) Fluoranthene	18.892	202	1668676	26.249	ng/ul	100
82) Pyrene	19.262	202	1268896	18.733	ng/ul	99
83) Butylbenzylphthalate	20.198	149	761869	25.734	ng/ul	94
84) 3,3'-Dichlorobenzidine	20.980	252	285821	12.547	ng/ul	99
85) Benzo(a)anthracene	21.039	228	1611859	23.751	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.003	149	1095320	25.342	ng/ul	98
87) Chrysene	21.098	228	1499690	23.170	ng/ul	99
89) Di-n-octyl phthalate	22.045	149	1894450	24.554	ng/ul	100
90) Benzo(b)fluoranthene	22.921	252	1596211	23.595	ng/ul	98
91) Benzo(k)fluoranthene	22.980	252	1581222	23.652	ng/ul	99
93) Benzo(a)pyrene	23.645	252	628999	9.980	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.780	276	1295438	16.043	ng/ul	99
95) Dibenzo(a,h)anthracene	26.844	278	1519808	23.432	ng/ul	98
96) Benzo(g,h,i)perylene	27.709	276	127169	1.993	ng/ul	99

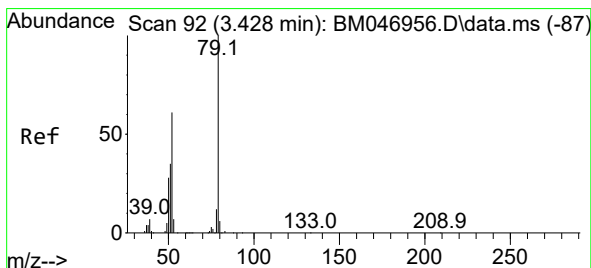
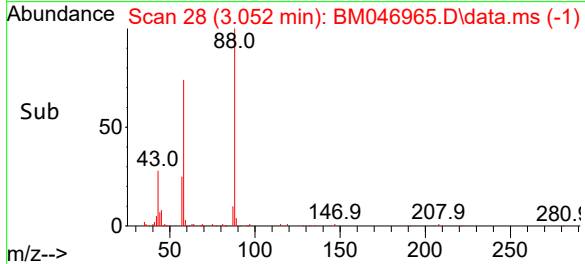
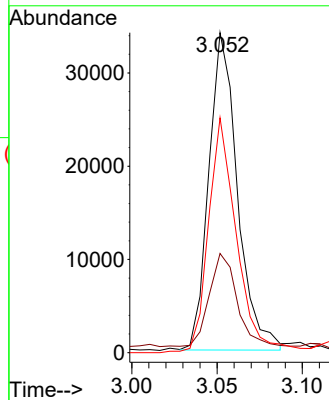
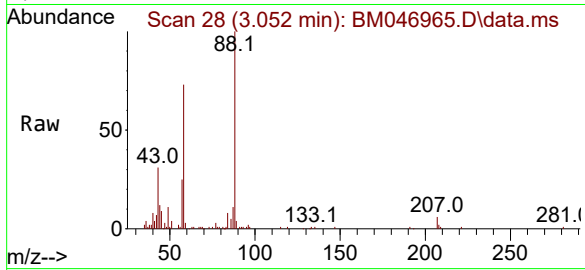
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#2
1,4-Dioxane
Concen: 6.903 ng/uL
RT: 3.052 min Scan# 21
Delta R.T. -0.005 min
Lab File: BM046965.D
Acq: 03 Aug 2024 14:48

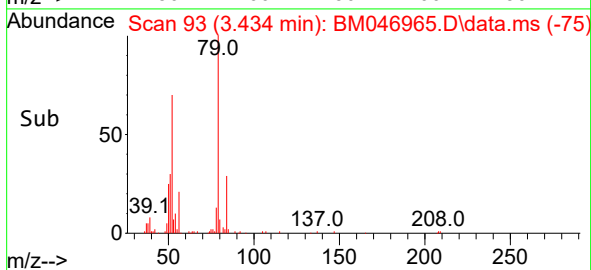
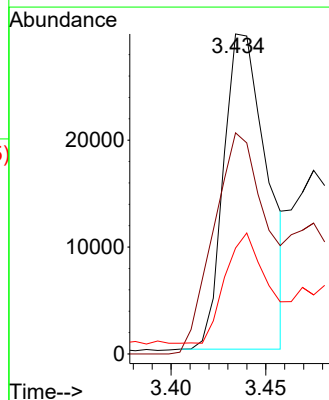
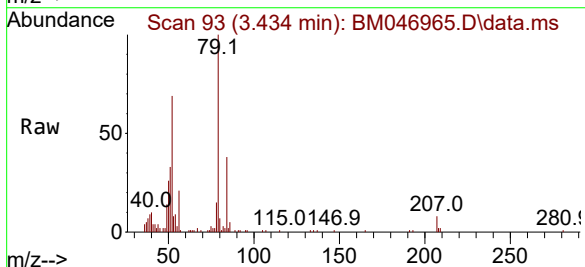
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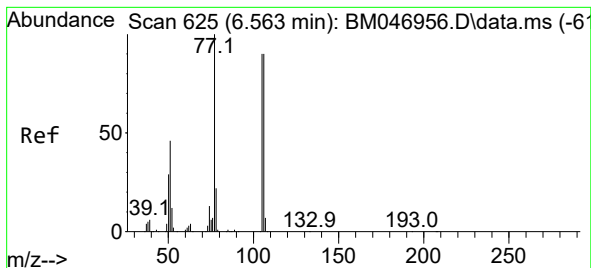
Tgt Ion: 88 Resp: 39777
Ion Ratio Lower Upper
88 100
43 31.0 24.9 37.3
58 73.4 59.7 89.5



#5
Pyridine
Concen: 3.363 ng/uL
RT: 3.434 min Scan# 93
Delta R.T. 0.006 min
Lab File: BM046965.D
Acq: 03 Aug 2024 14:48

Tgt Ion: 79 Resp: 47034
Ion Ratio Lower Upper
79 100
52 69.1 58.1 87.1
51 33.1 29.3 43.9

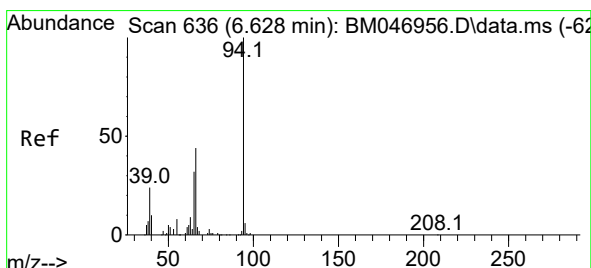
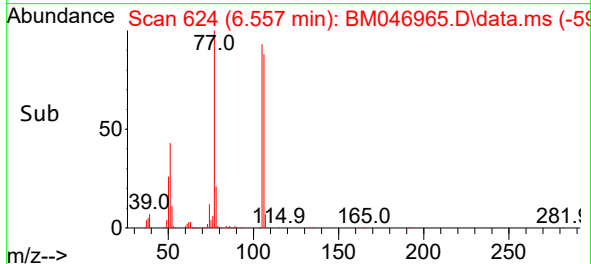
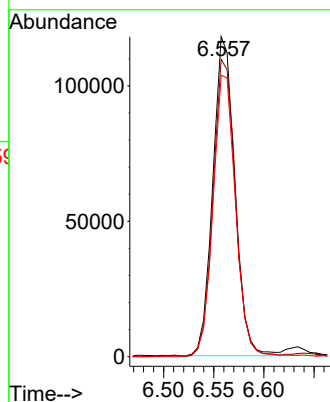
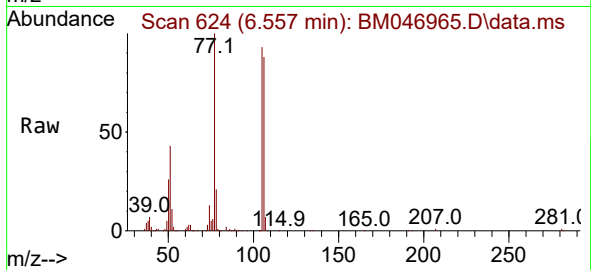




#6
Benzaldehyde
Concen: 20.122 ng/ul
RT: 6.557 min Scan# 611
Delta R.T. -0.006 min
Lab File: BM046965.D
Acq: 03 Aug 2024 14:48

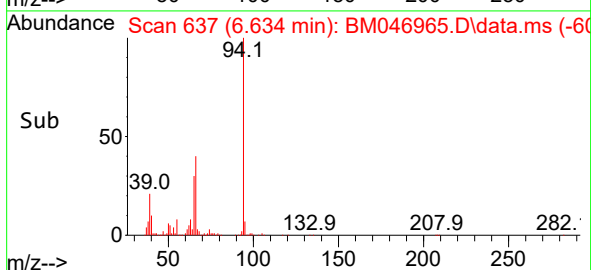
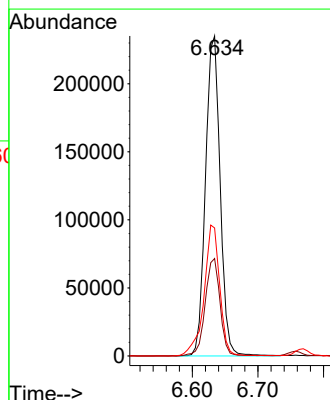
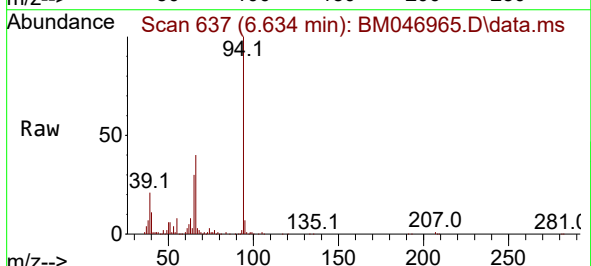
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ClientSampleId :
E20J7MSD

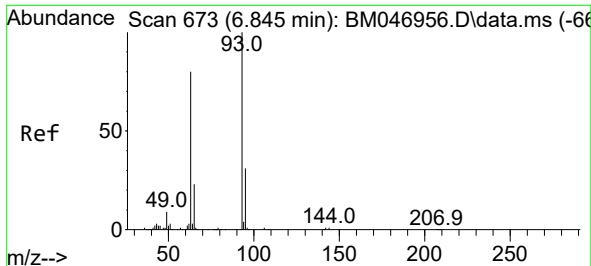
Tgt Ion: 77 Resp: 180126
Ion Ratio Lower Upper
77 100
105 92.9 74.7 112.1
106 87.9 74.2 111.2



#8
Phenol
Concen: 23.330 ng/ul
RT: 6.634 min Scan# 637
Delta R.T. 0.000 min
Lab File: BM046965.D
Acq: 03 Aug 2024 14:48

Tgt Ion: 94 Resp: 366157
Ion Ratio Lower Upper
94 100
65 30.4 25.1 37.7
66 40.0 37.7 56.5





#10

Bis(2-Chloroethyl)ether

Concen: 21.736 ng/ul

RT: 6.846 min Scan# 61

Delta R.T. -0.006 min

Lab File: BM046965.D

Acq: 03 Aug 2024 14:48

Instrument :

BNA_M

ClientSampleId :

E20J7MSD

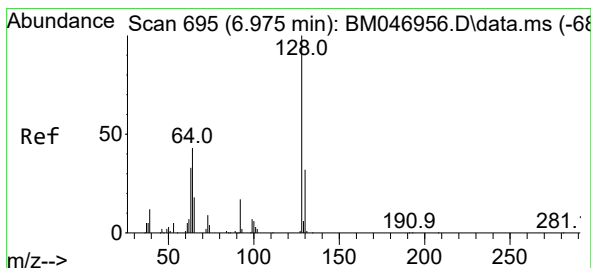
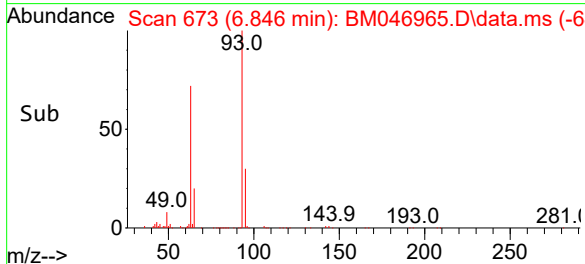
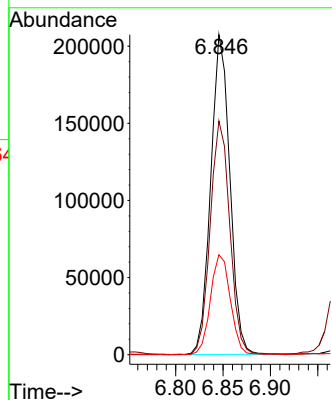
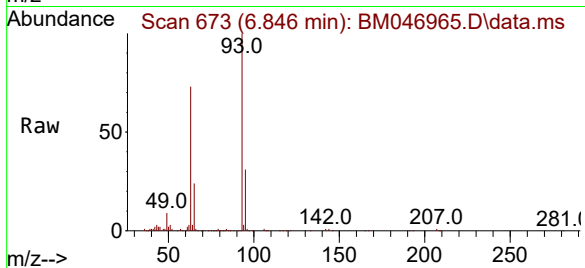
Tgt Ion: 93 Resp: 290772

Ion Ratio Lower Upper

93 100

63 73.1 59.0 88.6

95 31.2 24.0 36.0



#12

2-Chlorophenol

Concen: 21.959 ng/ul

RT: 6.975 min Scan# 695

Delta R.T. 0.000 min

Lab File: BM046965.D

Acq: 03 Aug 2024 14:48

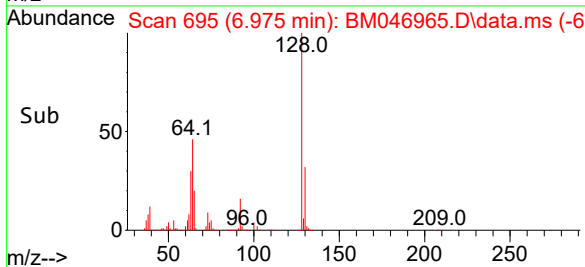
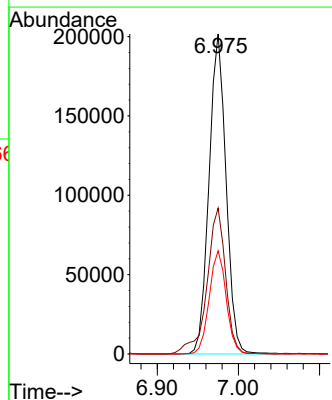
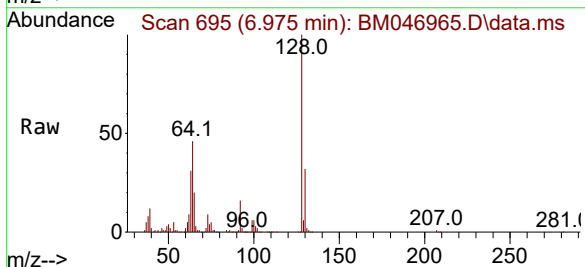
Tgt Ion:128 Resp: 293685

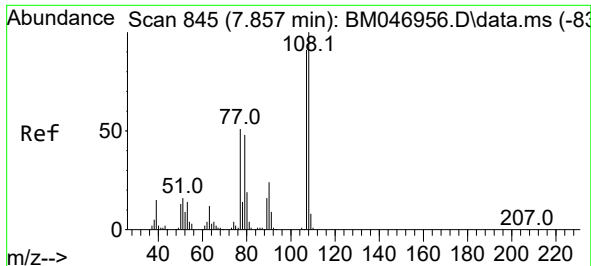
Ion Ratio Lower Upper

128 100

64 45.6 37.0 55.4

130 32.2 24.1 36.1

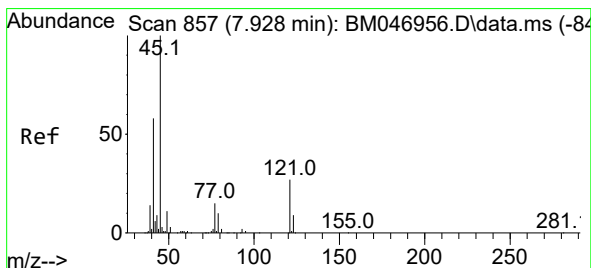
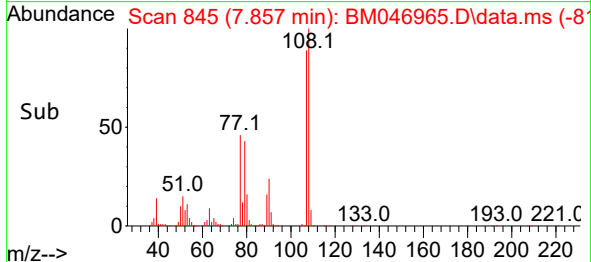
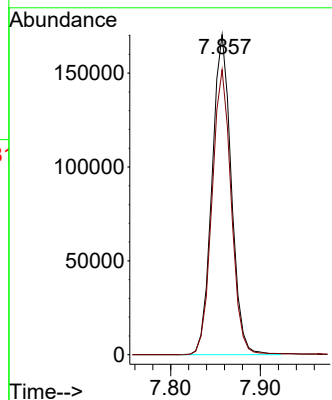
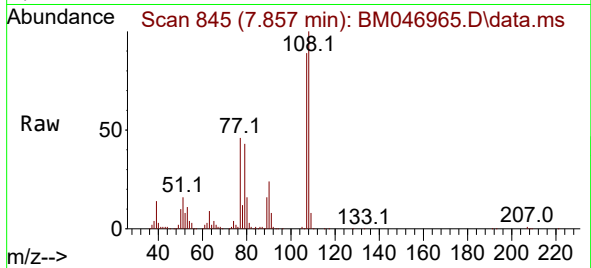




#13
2-Methylphenol
Concen: 21.246 ng/ul
RT: 7.857 min Scan# 845
Delta R.T. 0.000 min
Lab File: BM046965.D
Acq: 03 Aug 2024 14:48

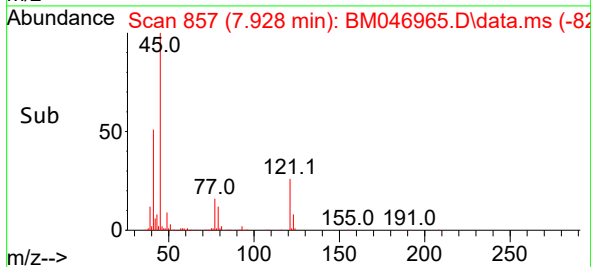
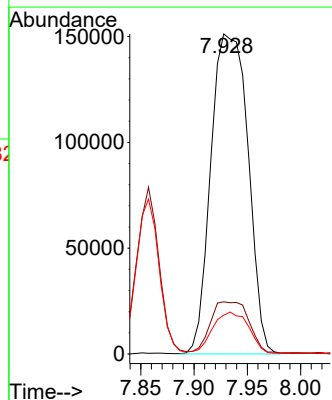
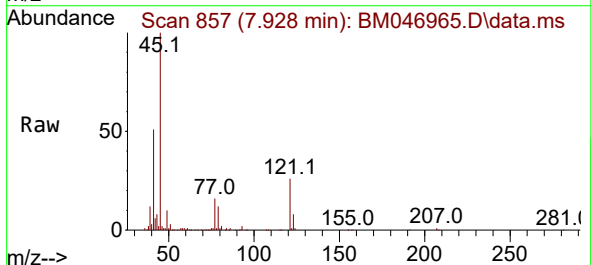
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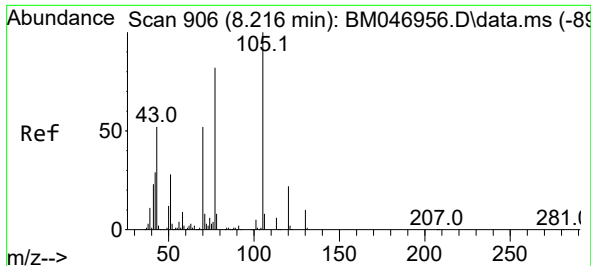
Tgt Ion:108 Resp: 254009
Ion Ratio Lower Upper
108 100
107 89.1 67.4 101.0



#14
2,2'-oxybis(1-Chloropropane)
Concen: 22.860 ng/ul
RT: 7.928 min Scan# 857
Delta R.T. 0.000 min
Lab File: BM046965.D
Acq: 03 Aug 2024 14:48

Tgt Ion: 45 Resp: 366462
Ion Ratio Lower Upper
45 100
77 16.3 13.2 19.8
79 12.1 9.8 14.6

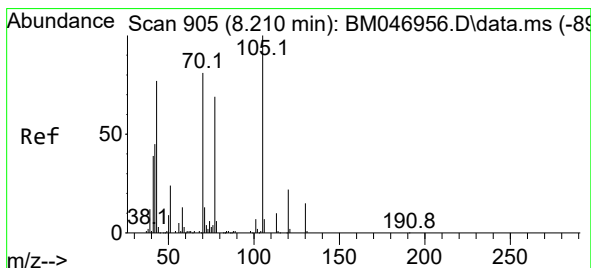
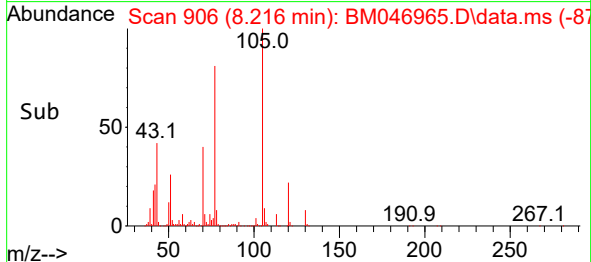
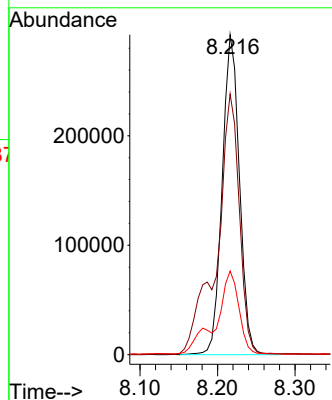
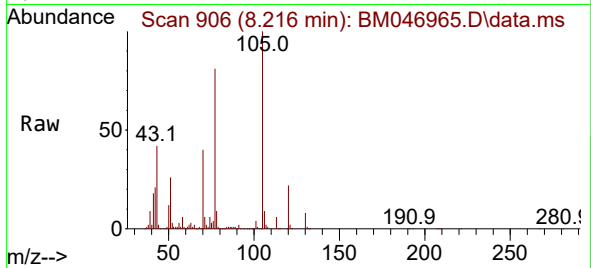




#16
Acetophenone
Concen: 23.293 ng/ul
RT: 8.216 min Scan# 906
Delta R.T. -0.006 min
Lab File: BM046965.D
Acq: 03 Aug 2024 14:48

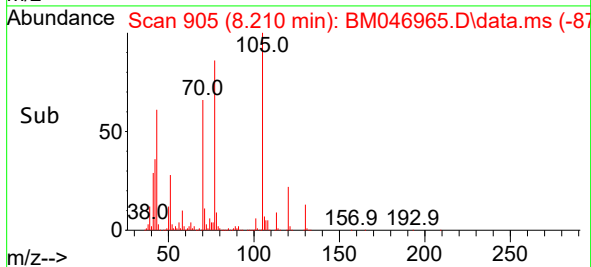
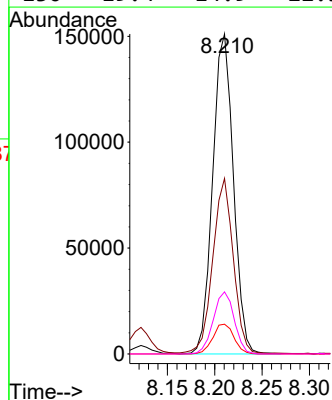
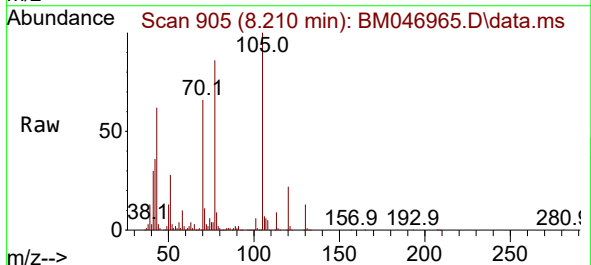
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ClientSampleId :
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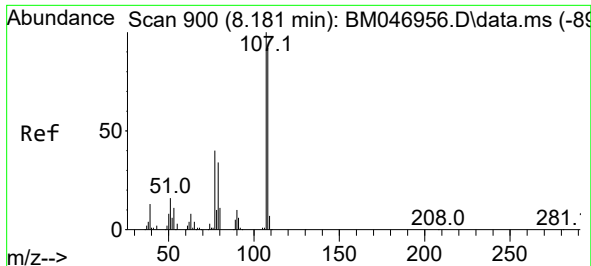
Tgt Ion:105 Resp: 452632
Ion Ratio Lower Upper
105 100
77 81.5 66.1 99.1
51 26.2 23.0 34.4



#17
N-Nitroso-di-n-propylamine
Concen: 22.404 ng/ul
RT: 8.210 min Scan# 905
Delta R.T. 0.000 min
Lab File: BM046965.D
Acq: 03 Aug 2024 14:48

Tgt Ion: 70 Resp: 229574
Ion Ratio Lower Upper
70 100
42 54.9 45.8 68.8
101 9.3 6.9 10.3
130 19.4 14.9 22.3

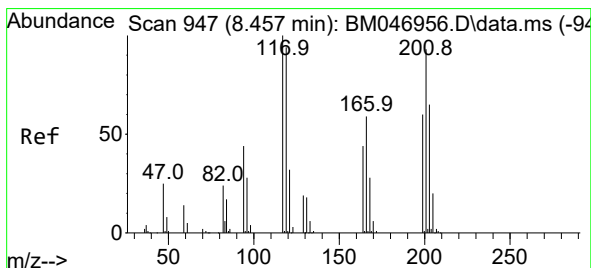
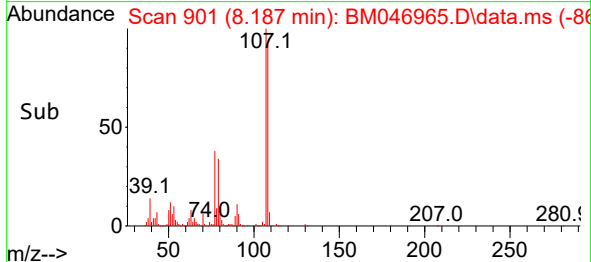
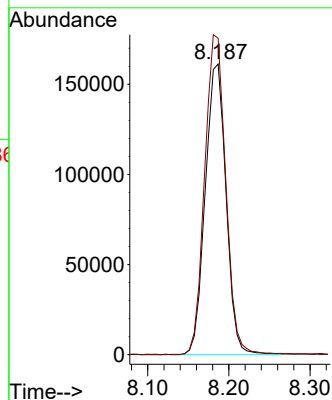
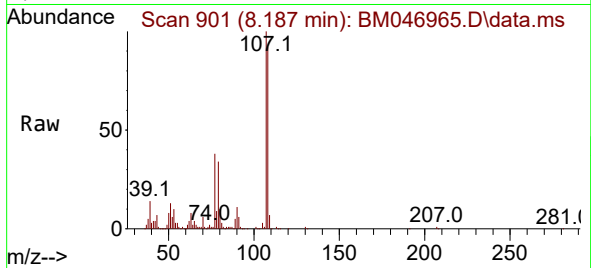




#18
4-Methylphenol
Concen: 22.255 ng/ul
RT: 8.187 min Scan# 900
Delta R.T. 0.000 min
Lab File: BM046965.D
Acq: 03 Aug 2024 14:48

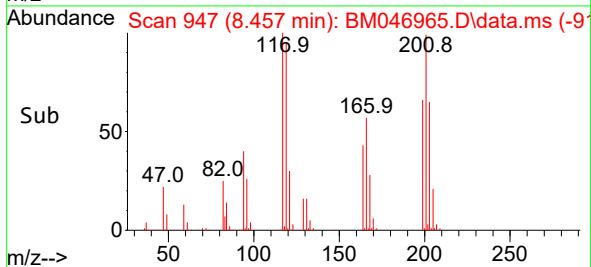
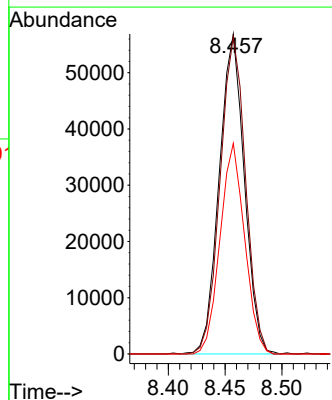
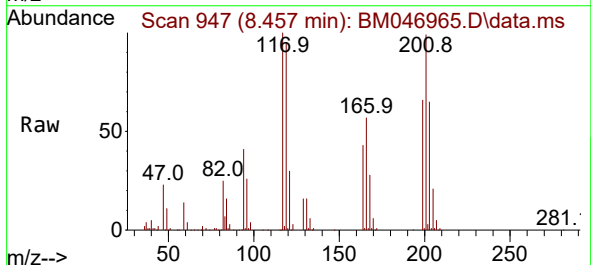
Instrument :
BNA_M
ClientSampleId :
E20J7MSD

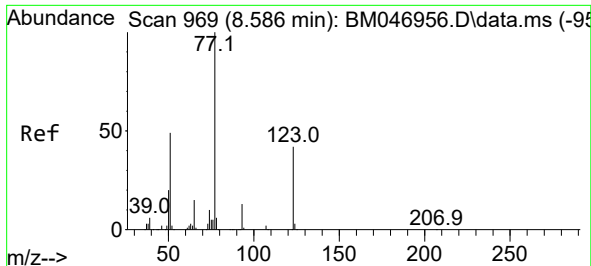
Tgt Ion:108 Resp: 287486
Ion Ratio Lower Upper
108 100
107 108.8 86.4 129.6



#19
Hexachloroethane
Concen: 13.431 ng/ul
RT: 8.457 min Scan# 947
Delta R.T. 0.000 min
Lab File: BM046965.D
Acq: 03 Aug 2024 14:48

Tgt Ion:117 Resp: 87500
Ion Ratio Lower Upper
117 100
201 99.2 72.7 109.1
199 65.8 46.9 70.3

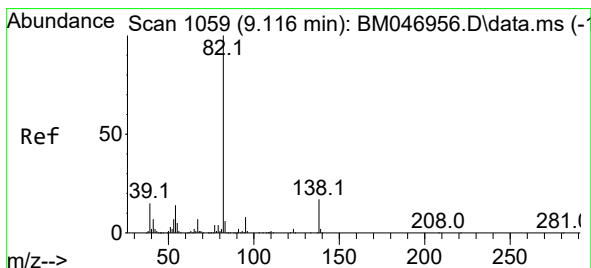
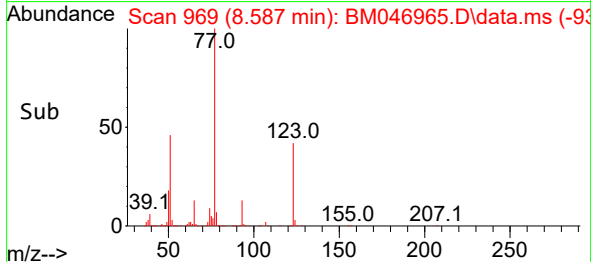
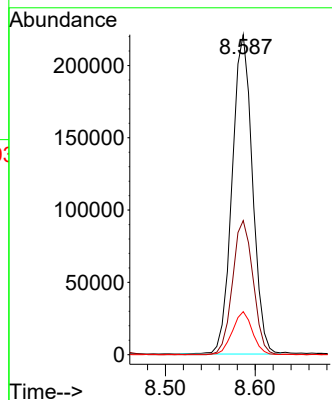
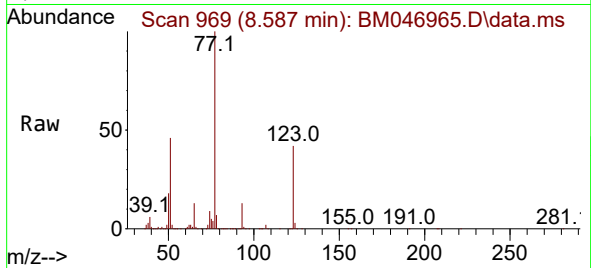




#22
Nitrobenzene
Concen: 19.990 ng/ul
RT: 8.587 min Scan# 969
Delta R.T. 0.000 min
Lab File: BM046965.D
Acq: 03 Aug 2024 14:48

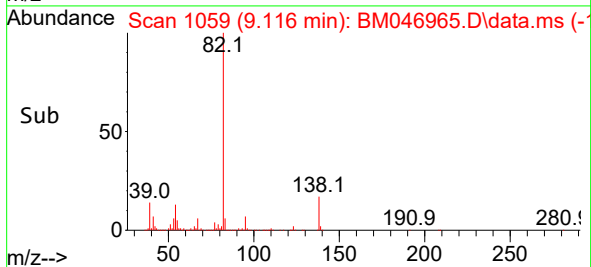
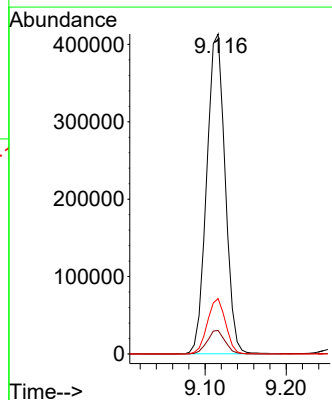
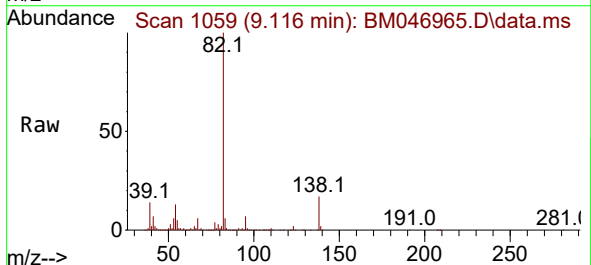
Instrument :
BNA_M
ClientSampleId :
E20J7MSD

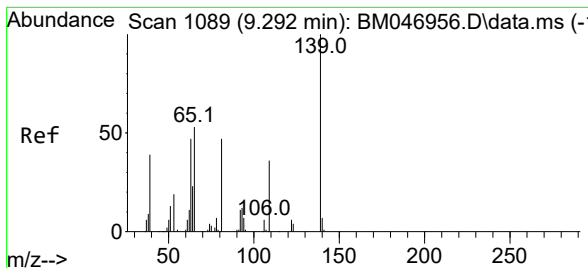
Tgt Ion: 77 Resp: 347571
Ion Ratio Lower Upper
77 100
123 41.9 31.4 47.2
65 13.5 12.1 18.1



#23
Isophorone
Concen: 21.857 ng/ul
RT: 9.116 min Scan# 1059
Delta R.T. 0.000 min
Lab File: BM046965.D
Acq: 03 Aug 2024 14:48

Tgt Ion: 82 Resp: 650262
Ion Ratio Lower Upper
82 100
95 7.3 6.4 9.6
138 17.3 13.6 20.4

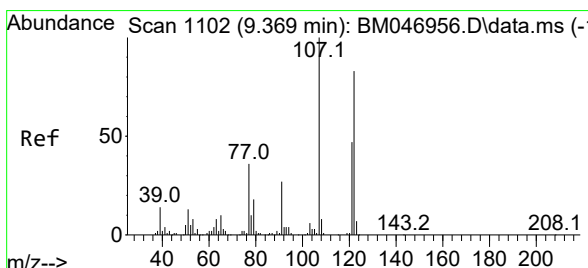
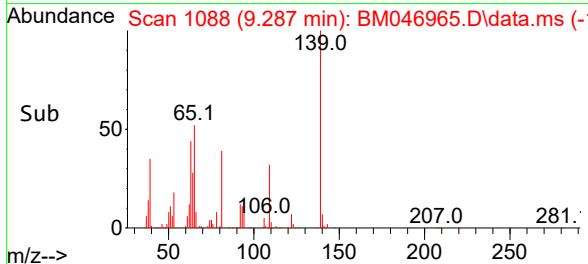
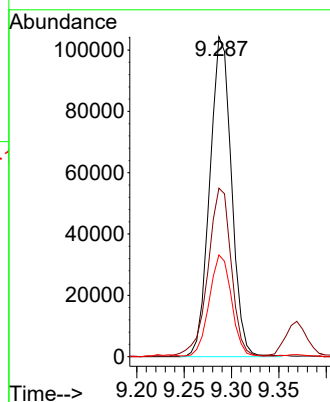
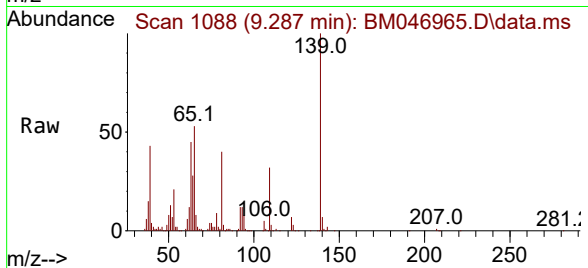




#25
2-Nitrophenol
Concen: 21.398 ng/ul
RT: 9.287 min Scan# 1088
Delta R.T. -0.006 min
Lab File: BM046965.D
Acq: 03 Aug 2024 14:48

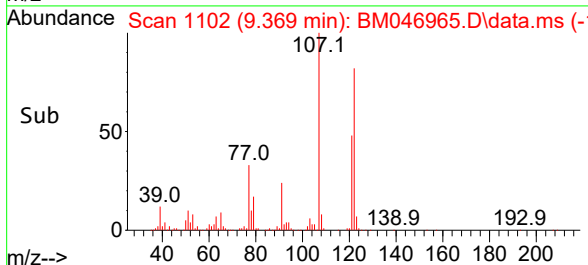
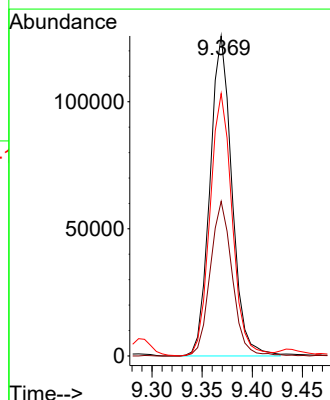
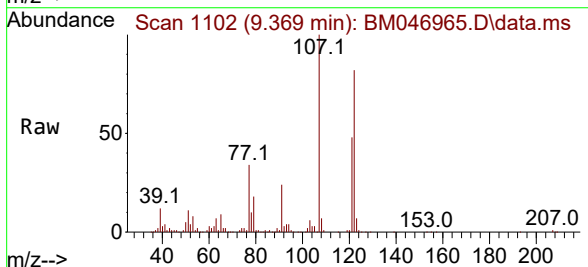
Instrument :
BNA_M
ClientSampleId :
E20J7MSD

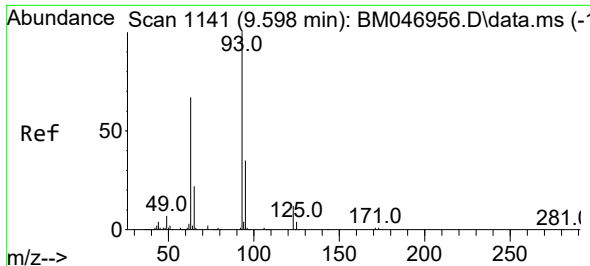
Tgt Ion:139 Resp: 166362
Ion Ratio Lower Upper
139 100
65 52.6 45.1 67.7
109 31.8 30.9 46.3



#26
2,4-Dimethylphenol
Concen: 12.564 ng/ul
RT: 9.369 min Scan# 1102
Delta R.T. 0.000 min
Lab File: BM046965.D
Acq: 03 Aug 2024 14:48

Tgt Ion:107 Resp: 192538
Ion Ratio Lower Upper
107 100
121 48.3 37.3 55.9
122 82.0 65.8 98.6

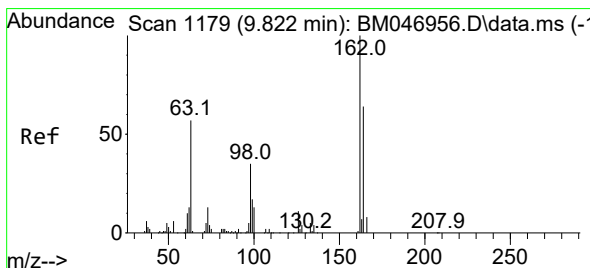
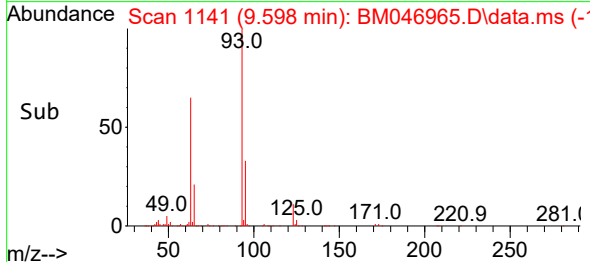
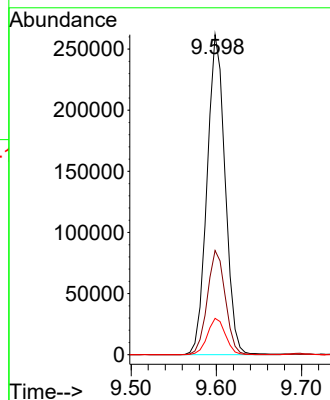
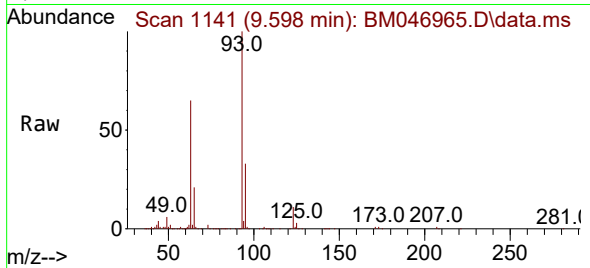




#27
 Bis(2-Chloroethoxy)methane
 Concen: 21.019 ng/ul
 RT: 9.598 min Scan# 1141
 Delta R.T. -0.006 min
 Lab File: BM046965.D
 Acq: 03 Aug 2024 14:48

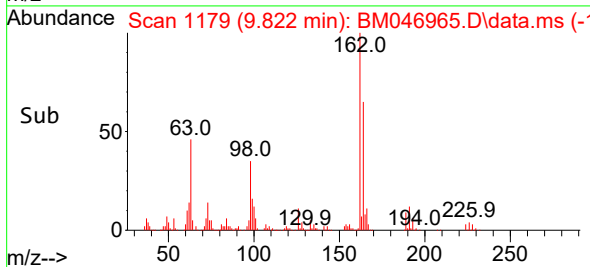
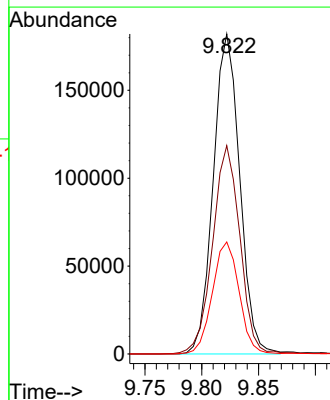
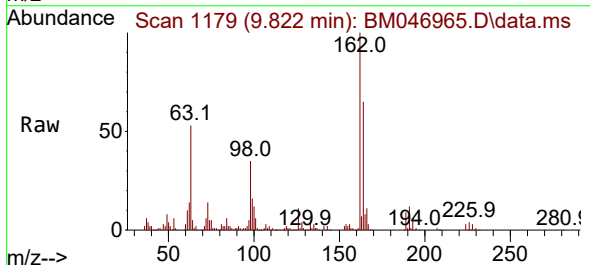
Instrument :
 BNA_M
 ClientSampleId :
 E20J7MSD

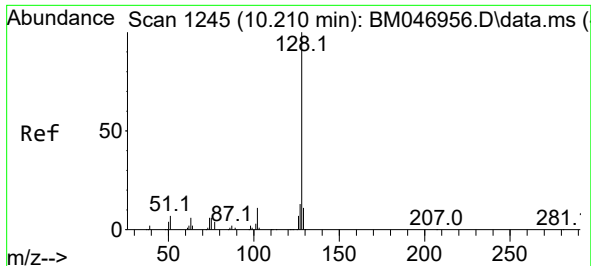
Tgt Ion: 93 Resp: 385491
 Ion Ratio Lower Upper
 93 100
 95 32.6 26.1 39.1
 123 11.4 9.1 13.7



#29
 2,4-Dichlorophenol
 Concen: 21.679 ng/ul
 RT: 9.822 min Scan# 1179
 Delta R.T. 0.000 min
 Lab File: BM046965.D
 Acq: 03 Aug 2024 14:48

Tgt Ion: 162 Resp: 295038
 Ion Ratio Lower Upper
 162 100
 164 65.1 53.3 79.9
 98 35.0 29.6 44.4

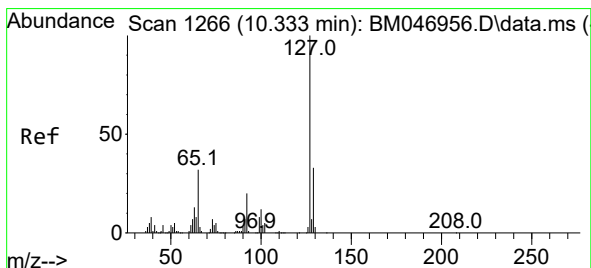
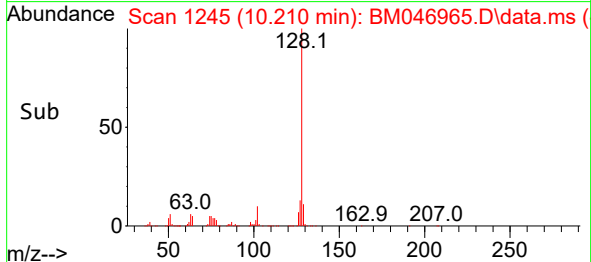
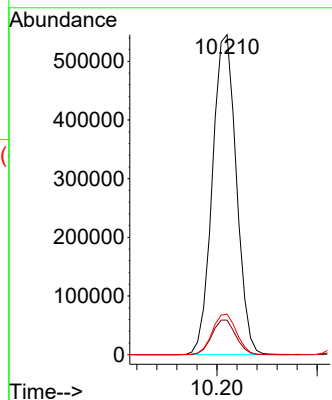
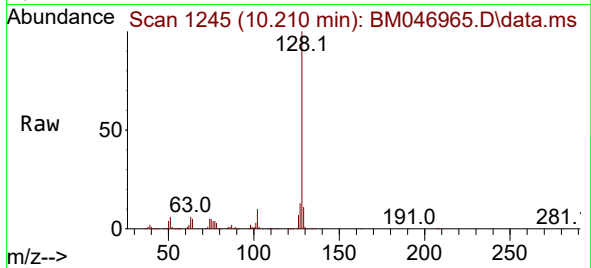




#30
Naphthalene
Concen: 21.062 ng/ul
RT: 10.210 min Scan# 1245
Delta R.T. 0.000 min
Lab File: BM046965.D
Acq: 03 Aug 2024 14:48

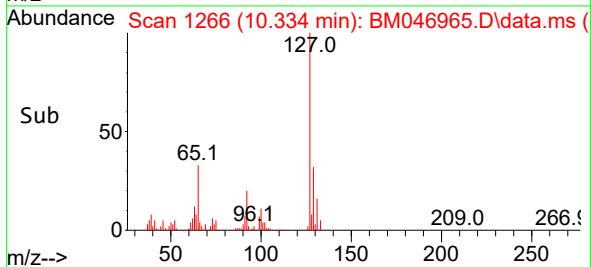
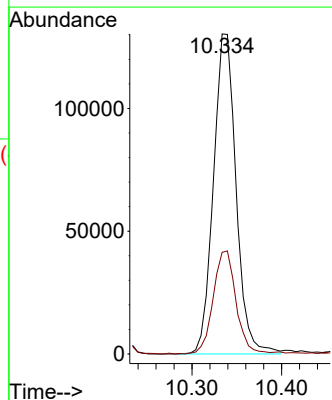
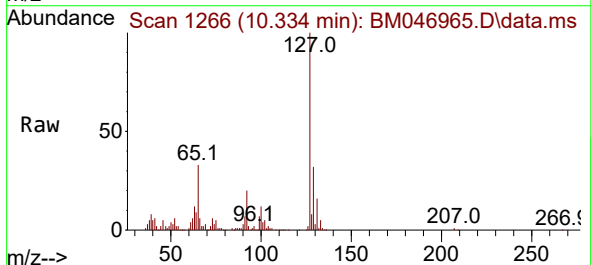
Instrument :
BNA_M
ClientSampleId :
E20J7MSD

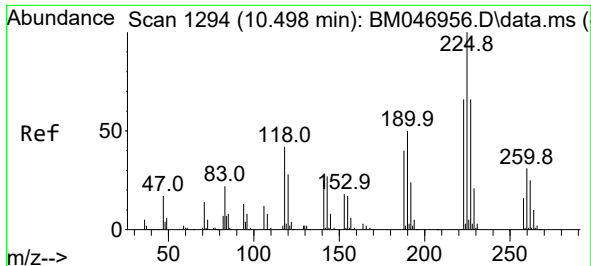
Tgt Ion:128 Resp: 904396
Ion Ratio Lower Upper
128 100
129 10.8 8.6 13.0
127 12.7 10.4 15.6



#32
4-Chloroaniline
Concen: 13.132 ng/ul
RT: 10.334 min Scan# 1266
Delta R.T. 0.000 min
Lab File: BM046965.D
Acq: 03 Aug 2024 14:48

Tgt Ion:127 Resp: 228689
Ion Ratio Lower Upper
127 100
129 31.8 25.6 38.4

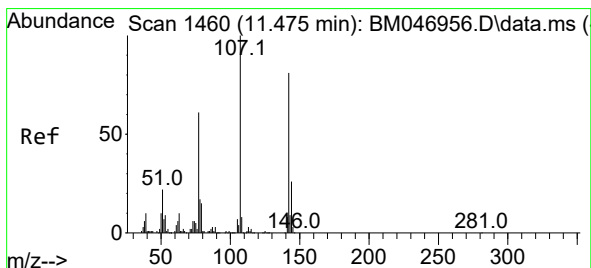
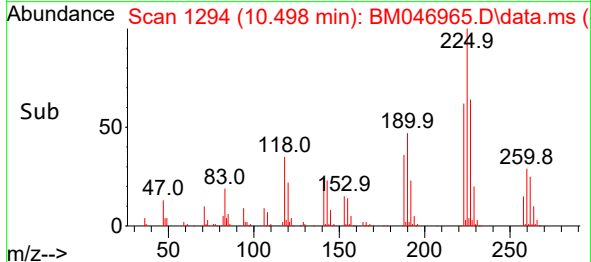
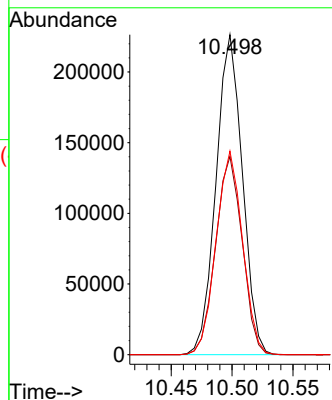
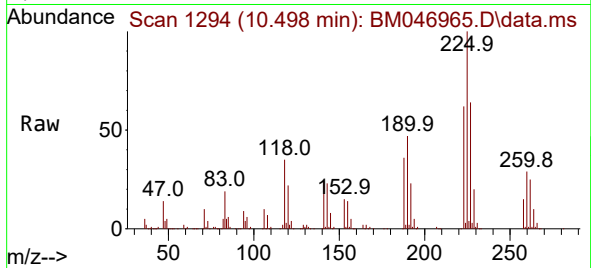




#33
Hexachlorobutadiene
Concen: 34.840 ng/ul
RT: 10.498 min Scan# 1294
Delta R.T. 0.000 min
Lab File: BM046965.D
Acq: 03 Aug 2024 14:48

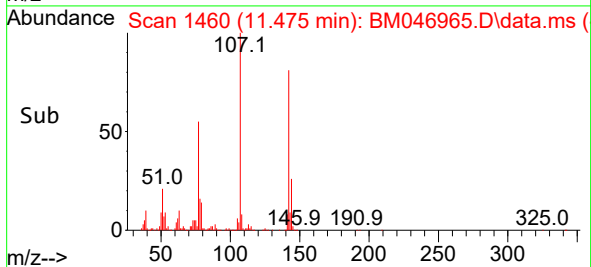
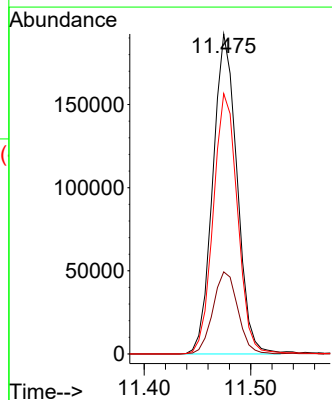
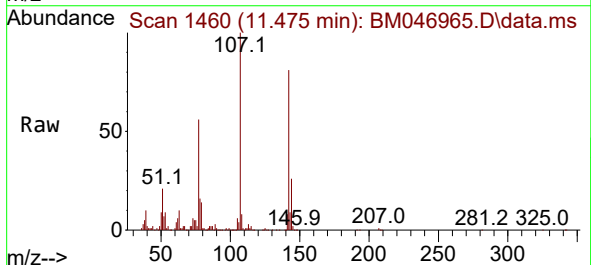
Instrument :
BNA_M
ClientSampleId :
E20J7MSD

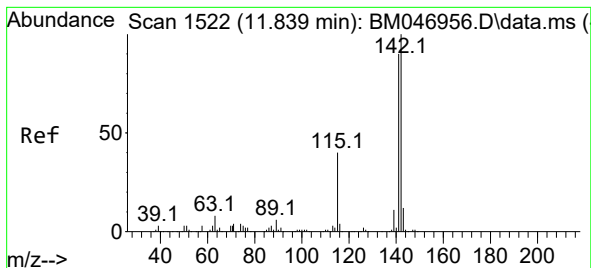
Tgt Ion:225 Resp: 342070
Ion Ratio Lower Upper
225 100
223 61.9 51.0 76.6
227 63.6 52.3 78.5



#35
4-Chloro-3-methylphenol
Concen: 21.644 ng/ul
RT: 11.475 min Scan# 1460
Delta R.T. 0.000 min
Lab File: BM046965.D
Acq: 03 Aug 2024 14:48

Tgt Ion:107 Resp: 303731
Ion Ratio Lower Upper
107 100
144 25.6 21.1 31.7
142 81.3 65.3 97.9

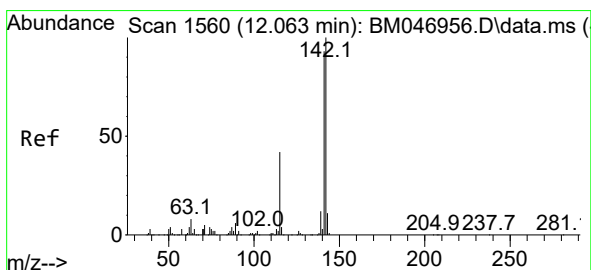
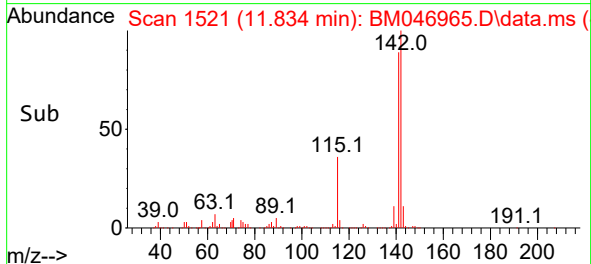
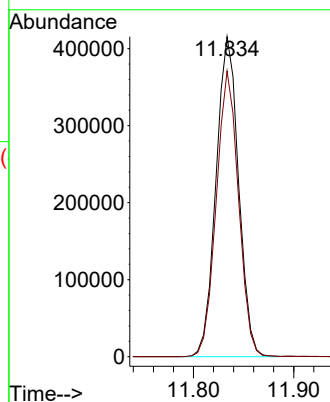
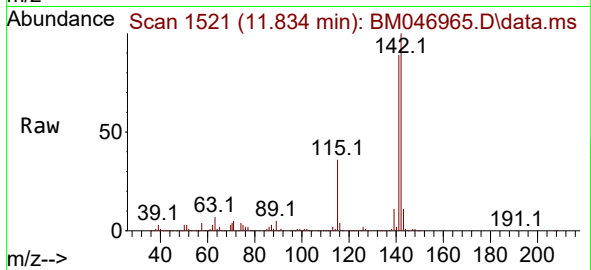




#36
2-Methylnaphthalene
Concen: 21.645 ng/ul
RT: 11.834 min Scan# 11
Delta R.T. -0.006 min
Lab File: BM046965.D
Acq: 03 Aug 2024 14:48

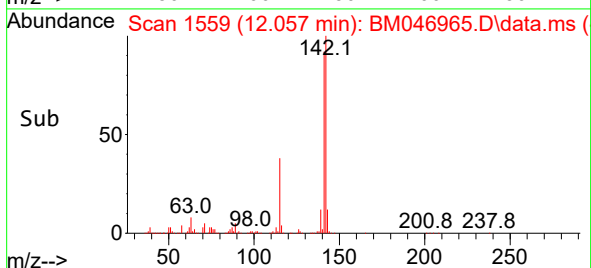
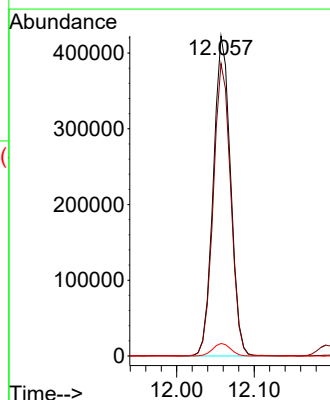
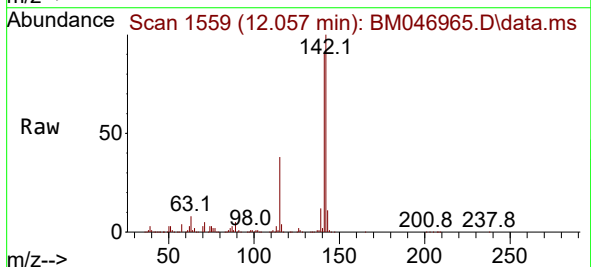
Instrument :
BNA_M
ClientSampleId :
E20J7MSD

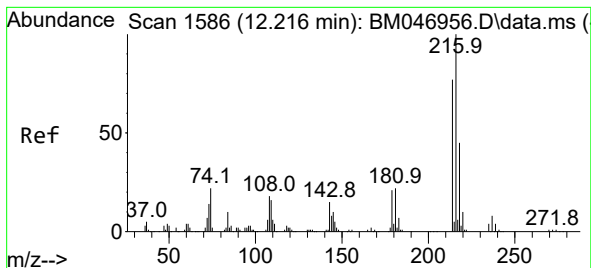
Tgt Ion:142 Resp: 648996
Ion Ratio Lower Upper
142 100
141 89.2 69.9 104.9



#37
1-Methylnaphthalene
Concen: 21.626 ng/ul
RT: 12.057 min Scan# 1559
Delta R.T. -0.006 min
Lab File: BM046965.D
Acq: 03 Aug 2024 14:48

Tgt Ion:142 Resp: 656399
Ion Ratio Lower Upper
142 100
141 91.4 72.0 108.0
116 3.9 3.6 5.4

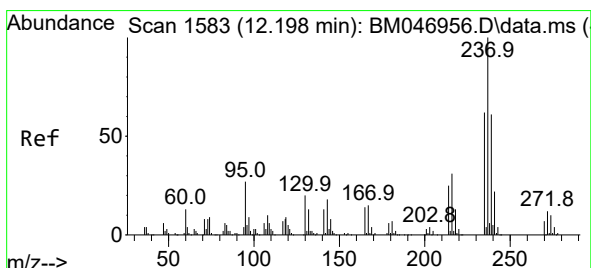
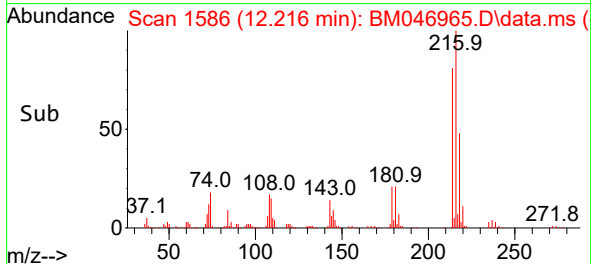
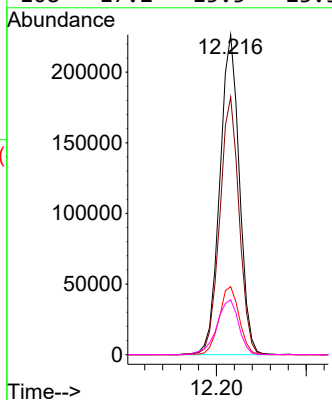
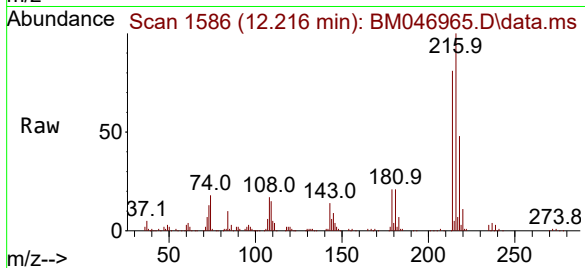




#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 20.857 ng/ul
 RT: 12.216 min Scan# 1586
 Delta R.T. 0.000 min
 Lab File: BM046965.D
 Acq: 03 Aug 2024 14:48

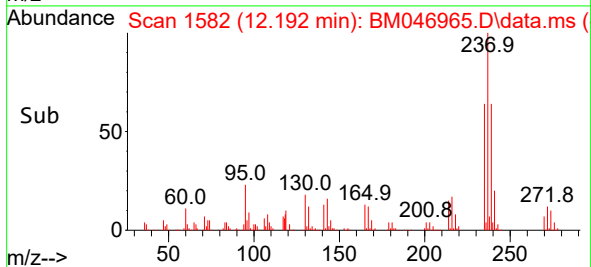
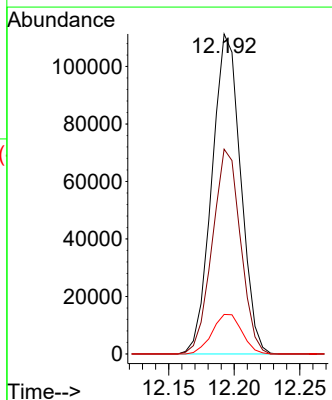
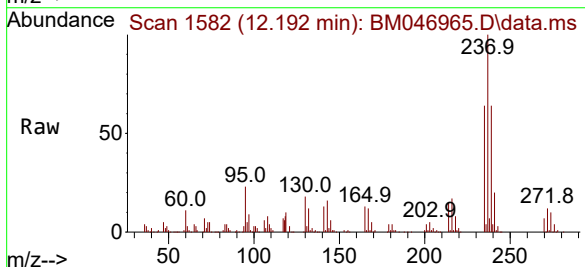
Instrument :
 BNA_M
 ClientSampleId :
 E20J7MSD

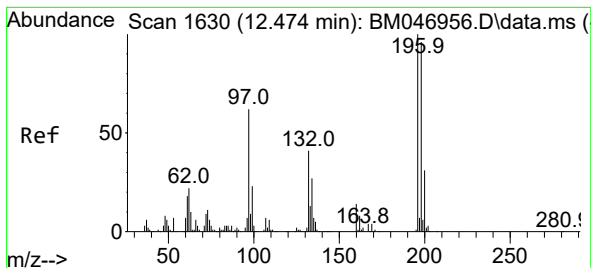
Tgt Ion:	216	Resp:	342303
Ion Ratio	Lower	Upper	
216	100		
214	80.6	63.7	95.5
179	21.3	17.3	25.9
108	17.2	15.5	23.3



#40
 Hexachlorocyclopentadiene
 Concen: 15.703 ng/ul
 RT: 12.192 min Scan# 1582
 Delta R.T. -0.006 min
 Lab File: BM046965.D
 Acq: 03 Aug 2024 14:48

Tgt Ion:	237	Resp:	169760
Ion Ratio	Lower	Upper	
237	100		
235	64.0	48.4	72.6
272	12.3	8.8	13.2





#41

2,4,6-Trichlorophenol

Concen: 22.067 ng/ul

RT: 12.475 min Scan# 1

Delta R.T. 0.000 min

Lab File: BM046965.D

Acq: 03 Aug 2024 14:48

Instrument :

BNA_M

ClientSampleId :

E20J7MSD

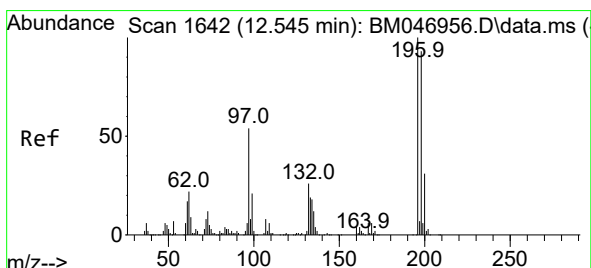
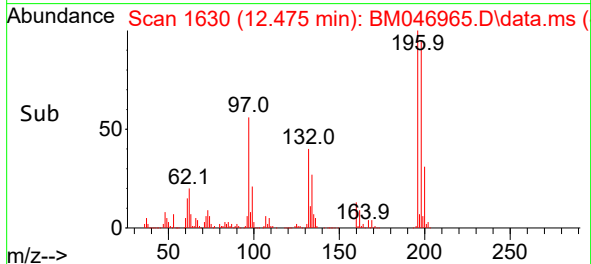
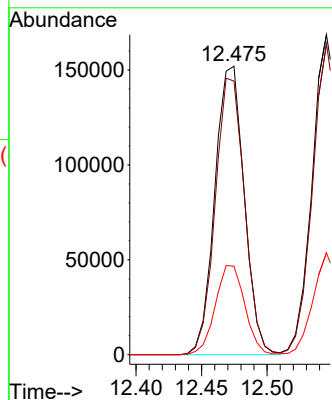
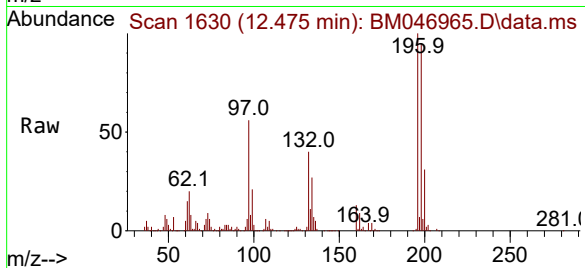
Tgt Ion:196 Resp: 237050

Ion Ratio Lower Upper

196 100

198 94.8 78.7 118.1

200 30.7 23.9 35.9



#42

2,4,5-Trichlorophenol

Concen: 22.079 ng/ul

RT: 12.545 min Scan# 1642

Delta R.T. 0.000 min

Lab File: BM046965.D

Acq: 03 Aug 2024 14:48

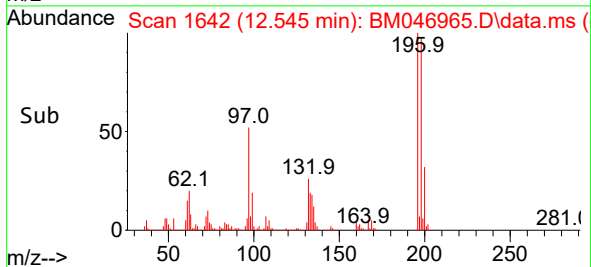
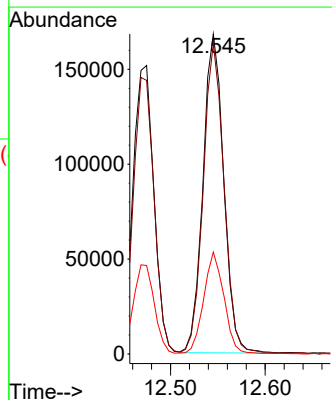
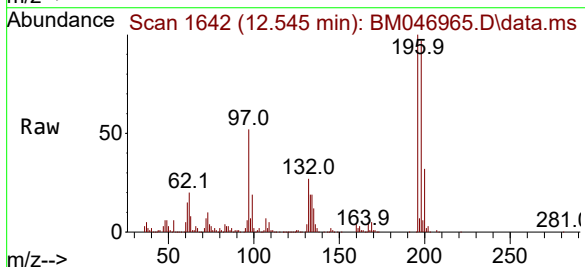
Tgt Ion:196 Resp: 256071

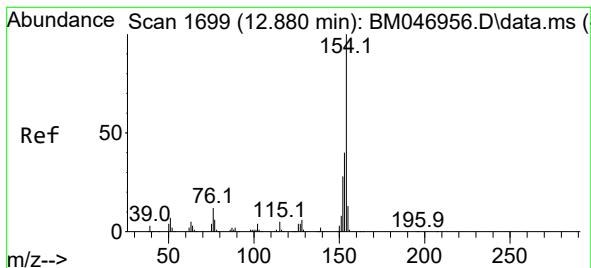
Ion Ratio Lower Upper

196 100

198 97.2 76.2 114.2

200 31.8 25.0 37.6





#43

1,1'-Biphenyl

Concen: 22.184 ng/ul

RT: 12.881 min Scan# 1

Delta R.T. 0.000 min

Lab File: BM046965.D

Acq: 03 Aug 2024 14:48

Instrument :

BNA_M

ClientSampleId :

E20J7MSD

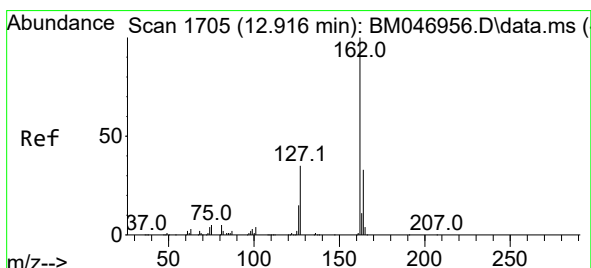
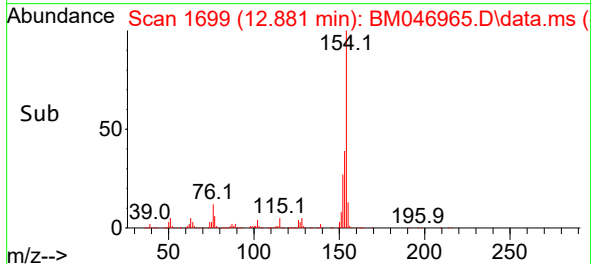
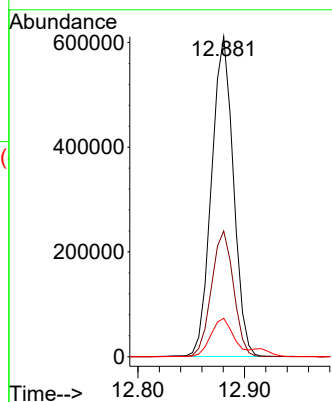
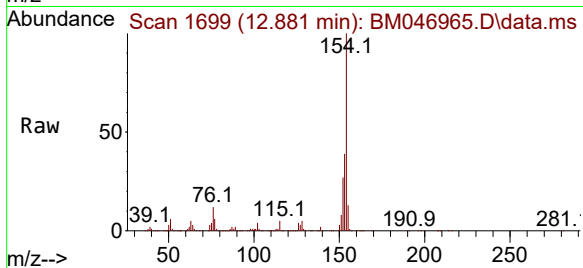
Tgt Ion:154 Resp: 868512

Ion Ratio Lower Upper

154 100

153 39.3 30.7 46.1

76 12.0 9.3 13.9



#44

2-Chloronaphthalene

Concen: 21.941 ng/ul

RT: 12.916 min Scan# 1705

Delta R.T. 0.000 min

Lab File: BM046965.D

Acq: 03 Aug 2024 14:48

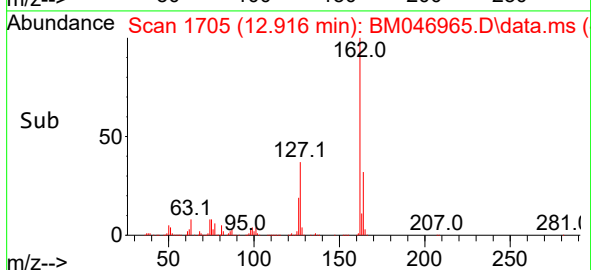
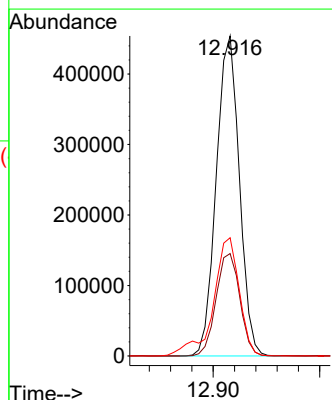
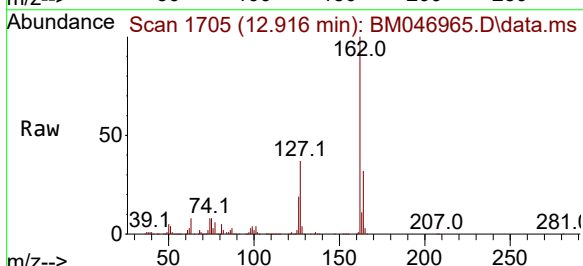
Tgt Ion:162 Resp: 682148

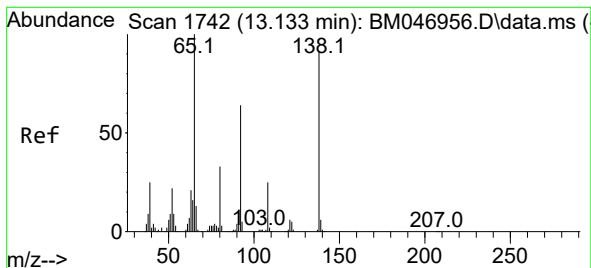
Ion Ratio Lower Upper

162 100

164 32.0 26.5 39.7

127 37.0 30.6 45.8





#45

2-Nitroaniline

Concen: 22.409 ng/ul

RT: 13.133 min Scan# 1

Delta R.T. -0.006 min

Lab File: BM046965.D

Acq: 03 Aug 2024 14:48

Instrument :

BNA_M

ClientSampleId :

E20J7MSD

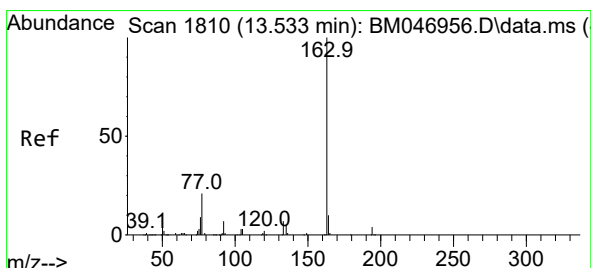
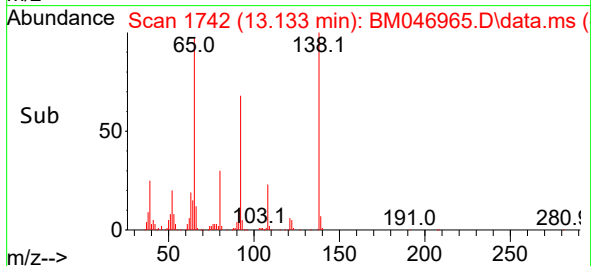
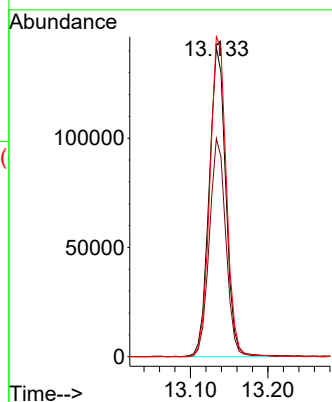
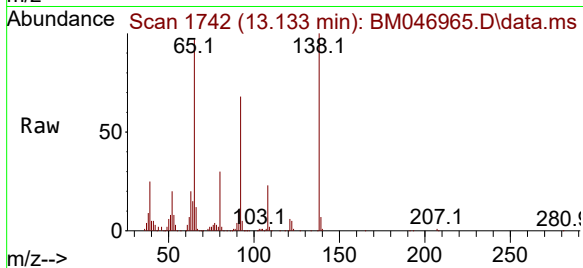
Tgt Ion: 65 Resp: 211715

Ion Ratio Lower Upper

65 100

92 70.6 54.0 81.0

138 103.5 81.0 121.4



#47

Dimethylphthalate

Concen: 21.729 ng/ul

RT: 13.533 min Scan# 1810

Delta R.T. 0.000 min

Lab File: BM046965.D

Acq: 03 Aug 2024 14:48

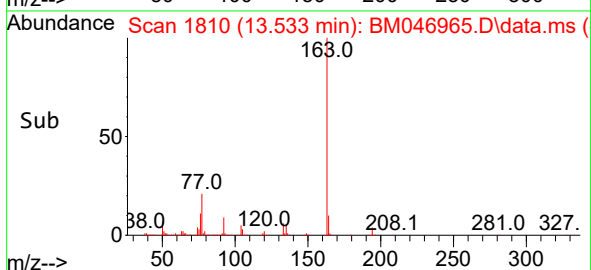
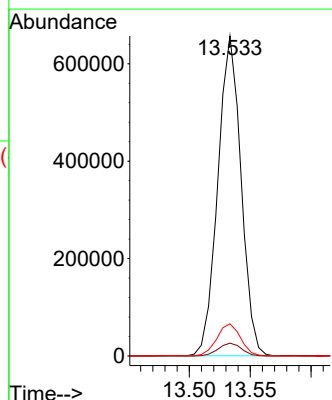
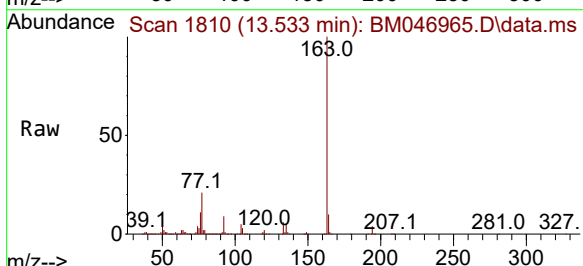
Tgt Ion: 163 Resp: 872417

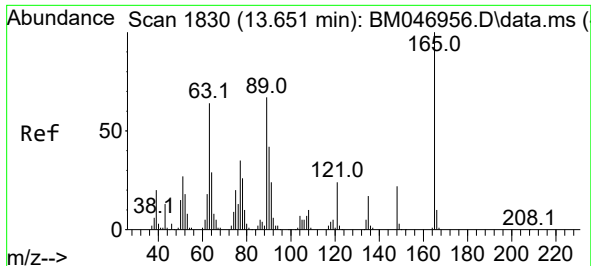
Ion Ratio Lower Upper

163 100

194 4.0 3.3 4.9

164 10.1 8.1 12.1

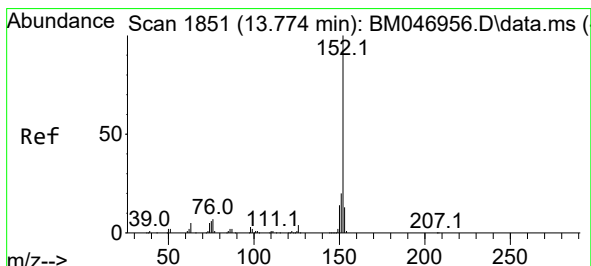
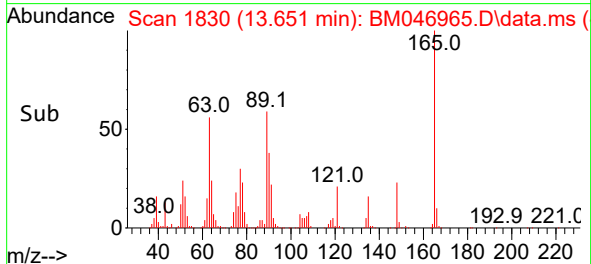
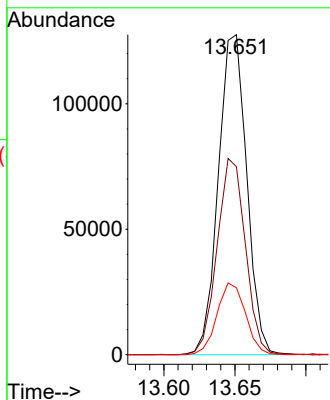
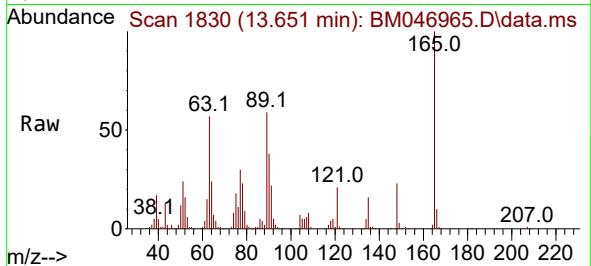




#48
2,6-Dinitrotoluene
Concen: 22.725 ng/ul
RT: 13.651 min Scan# 1830
Delta R.T. 0.000 min
Lab File: BM046965.D
Acq: 03 Aug 2024 14:48

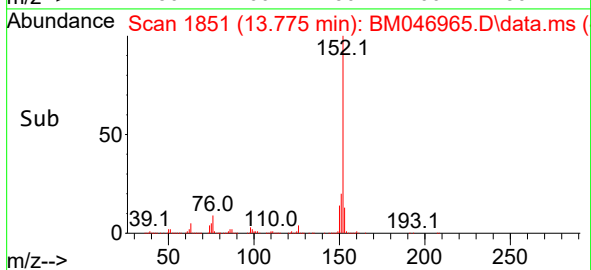
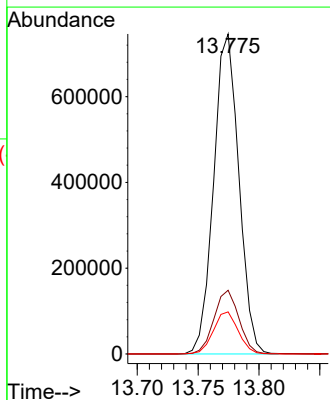
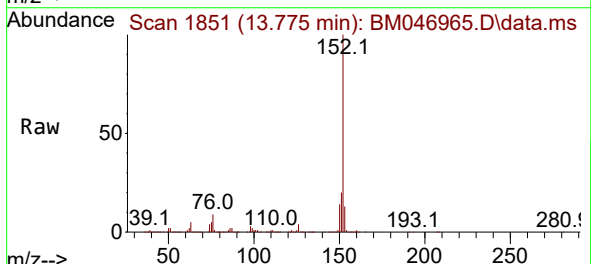
Instrument :
BNA_M
ClientSampleId :
E20J7MSD

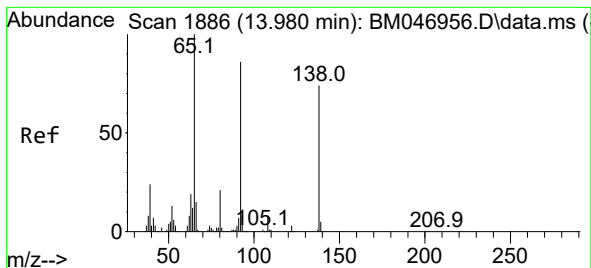
Tgt Ion:165 Resp: 177372
Ion Ratio Lower Upper
165 100
89 58.8 57.8 86.8
121 20.9 19.4 29.0



#50
Acenaphthylene
Concen: 22.763 ng/ul
RT: 13.775 min Scan# 1851
Delta R.T. 0.000 min
Lab File: BM046965.D
Acq: 03 Aug 2024 14:48

Tgt Ion:152 Resp: 1073700
Ion Ratio Lower Upper
152 100
151 19.9 15.7 23.5
153 13.1 10.1 15.1

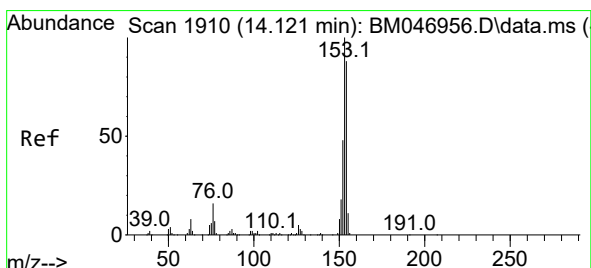
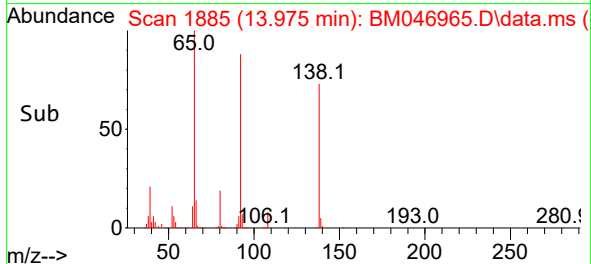
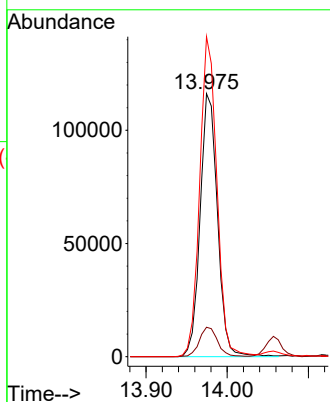
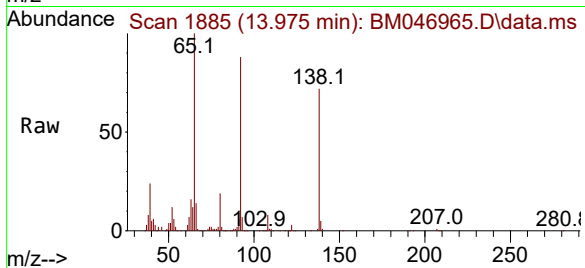




#51
3-Nitroaniline
Concen: 21.699 ng/ul
RT: 13.975 min Scan# 1885
Delta R.T. -0.006 min
Lab File: BM046965.D
Acq: 03 Aug 2024 14:48

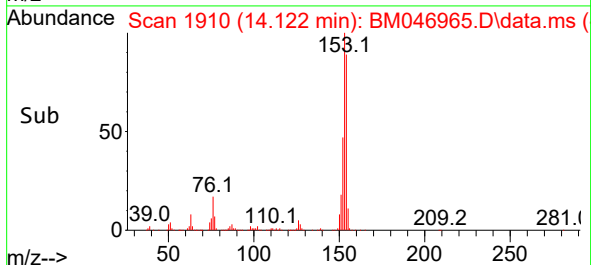
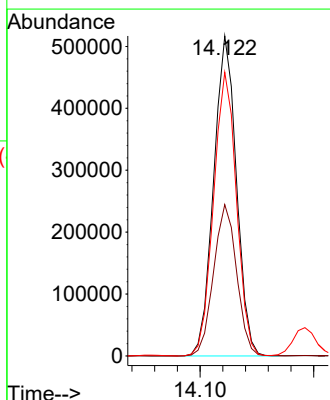
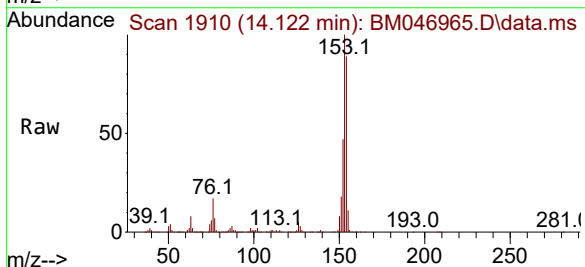
Instrument :
BNA_M
ClientSampleId :
E20J7MSD

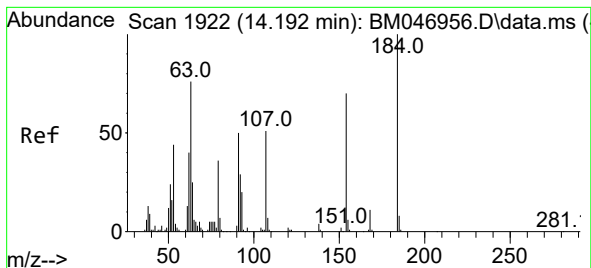
Tgt Ion:138 Resp: 172482
Ion Ratio Lower Upper
138 100
108 11.2 9.4 14.2
92 121.6 96.6 144.8



#52
Acenaphthene
Concen: 21.169 ng/ul
RT: 14.122 min Scan# 1910
Delta R.T. 0.000 min
Lab File: BM046965.D
Acq: 03 Aug 2024 14:48

Tgt Ion:153 Resp: 719877
Ion Ratio Lower Upper
153 100
152 47.3 38.2 57.2
154 88.7 70.1 105.1

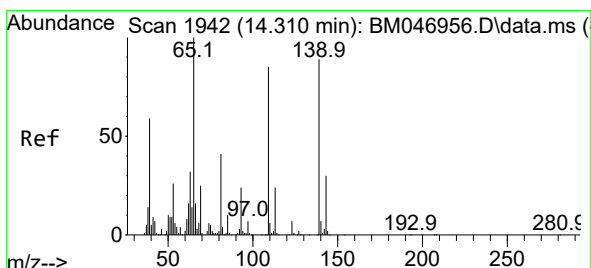
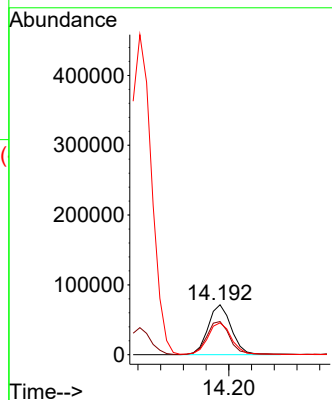
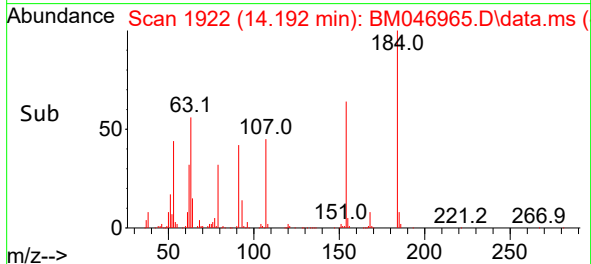
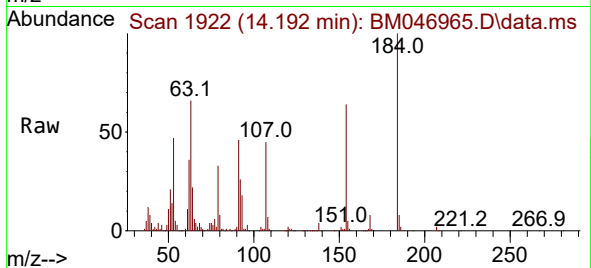




#53
2,4-Dinitrophenol
Concen: 18.507 ng/ul
RT: 14.192 min Scan# 1922
Delta R.T. 0.000 min
Lab File: BM046965.D
Acq: 03 Aug 2024 14:48

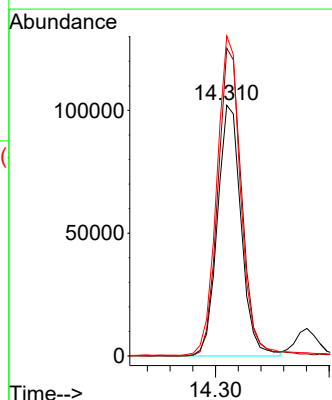
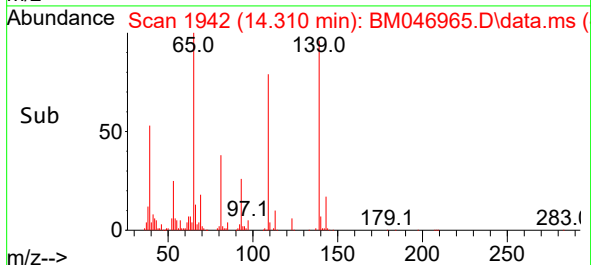
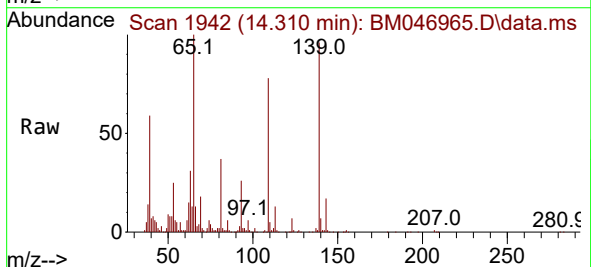
Instrument :
BNA_M
ClientSampleId :
E20J7MSD

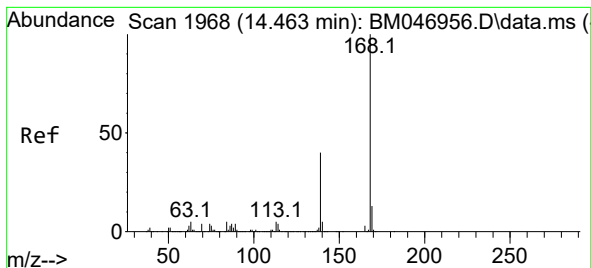
Tgt Ion:184 Resp: 101922
Ion Ratio Lower Upper
184 100
63 66.2 61.9 92.9
154 63.8 55.6 83.4



#55
4-Nitrophenol
Concen: 18.940 ng/ul
RT: 14.310 min Scan# 1942
Delta R.T. -0.006 min
Lab File: BM046965.D
Acq: 03 Aug 2024 14:48

Tgt Ion:109 Resp: 148299
Ion Ratio Lower Upper
109 100
139 122.8 82.3 123.5
65 127.7 92.6 139.0

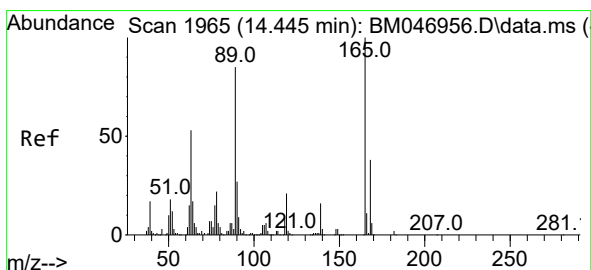
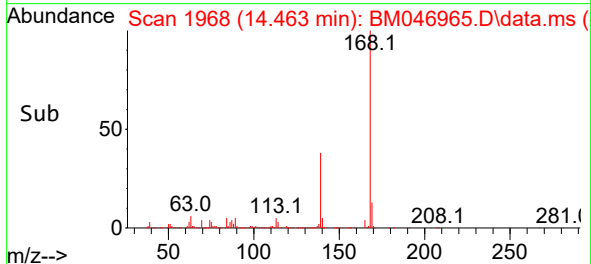
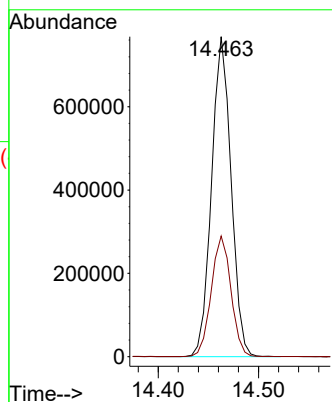
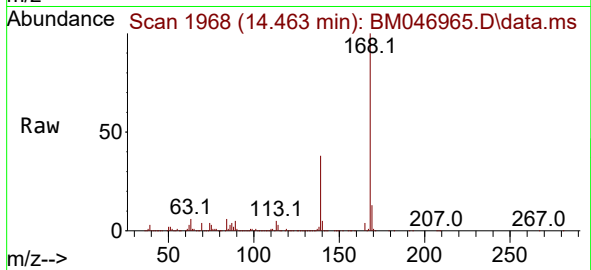




#56
Dibenzenofuran
Concen: 21.768 ng/ul
RT: 14.463 min Scan# 1968
Delta R.T. -0.006 min
Lab File: BM046965.D
Acq: 03 Aug 2024 14:48

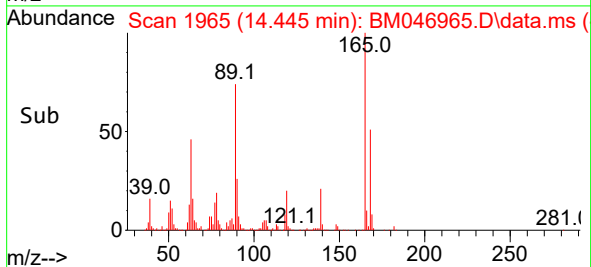
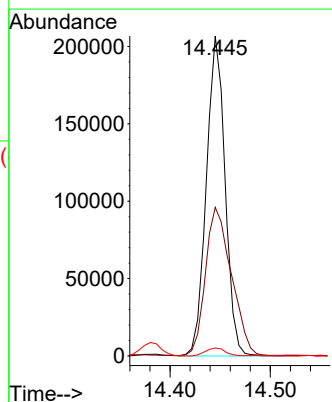
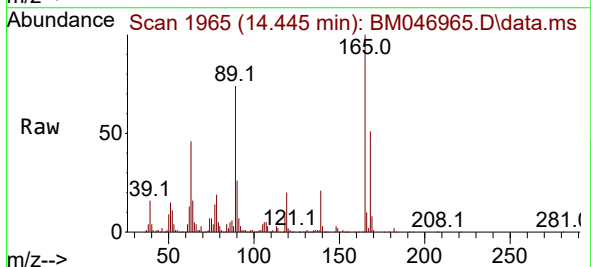
Instrument :
BNA_M
ClientSampleId :
E20J7MSD

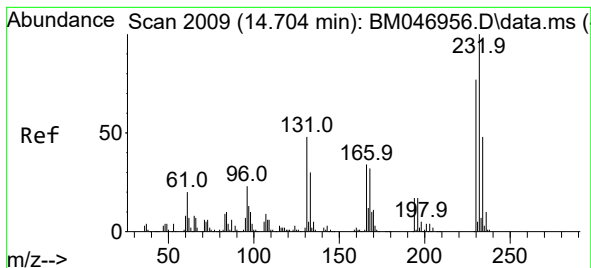
Tgt Ion:168 Resp: 1038906
Ion Ratio Lower Upper
168 100
139 37.7 33.0 49.4



#57
2,4-Dinitrotoluene
Concen: 22.582 ng/ul
RT: 14.445 min Scan# 1965
Delta R.T. 0.000 min
Lab File: BM046965.D
Acq: 03 Aug 2024 14:48

Tgt Ion:165 Resp: 269346
Ion Ratio Lower Upper
165 100
63 46.5 41.4 62.0
182 2.5 2.2 3.2

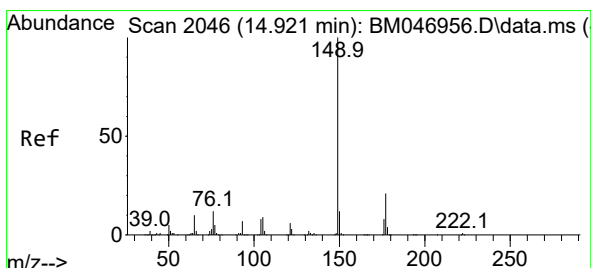
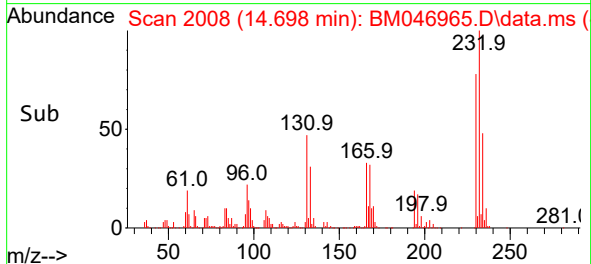
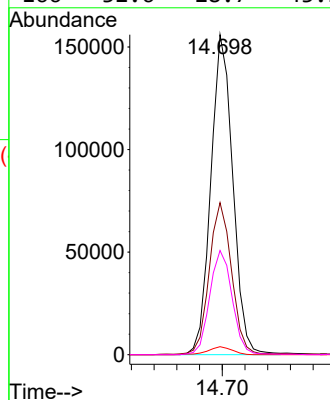
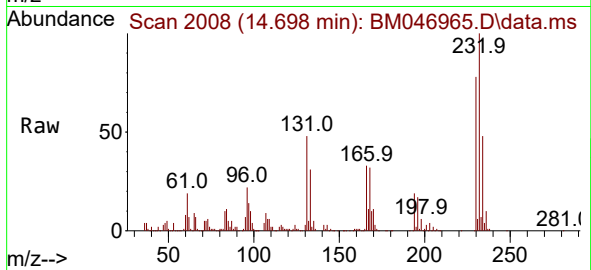




#58
2,3,4,6-Tetrachlorophenol
Concen: 20.368 ng/ul
RT: 14.698 min Scan# 2008
Delta R.T. -0.006 min
Lab File: BM046965.D
Acq: 03 Aug 2024 14:48

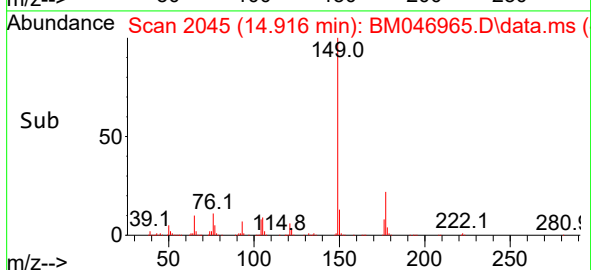
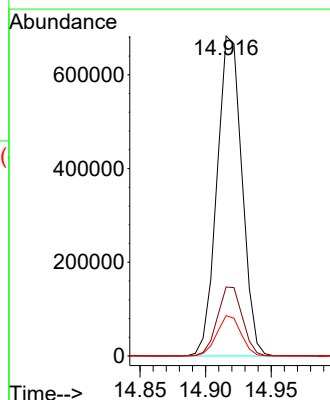
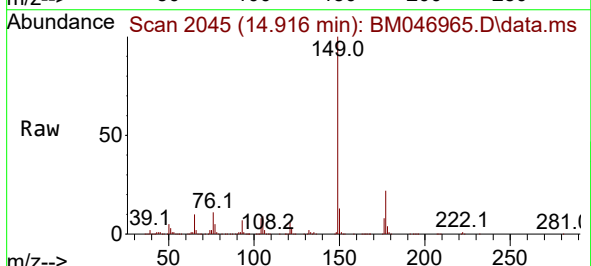
Instrument :
BNA_M
ClientSampleId :
E20J7MSD

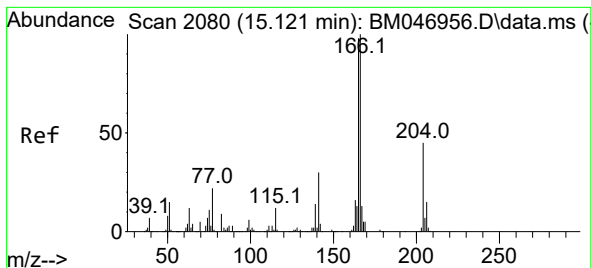
Tgt Ion:232 Resp: 210001
Ion Ratio Lower Upper
232 100
131 47.5 40.8 61.2
130 2.5 2.6 3.8#
166 32.6 28.7 43.1



#59
Diethylphthalate
Concen: 20.953 ng/ul
RT: 14.916 min Scan# 2045
Delta R.T. -0.006 min
Lab File: BM046965.D
Acq: 03 Aug 2024 14:48

Tgt Ion:149 Resp: 904976
Ion Ratio Lower Upper
149 100
177 21.6 16.5 24.7
150 12.6 9.7 14.5





#61

Fluorene

Concen: 21.809 ng/ul

RT: 15.116 min Scan# 20

Delta R.T. -0.006 min

Lab File: BM046965.D

Acq: 03 Aug 2024 14:48

Instrument :

BNA_M

ClientSampleId :

E20J7MSD

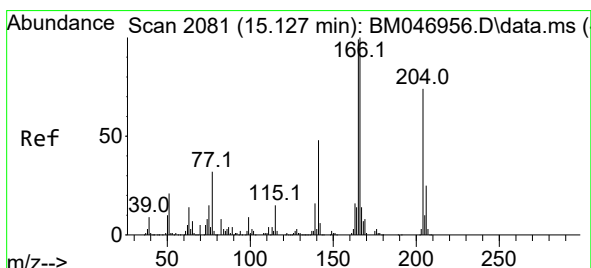
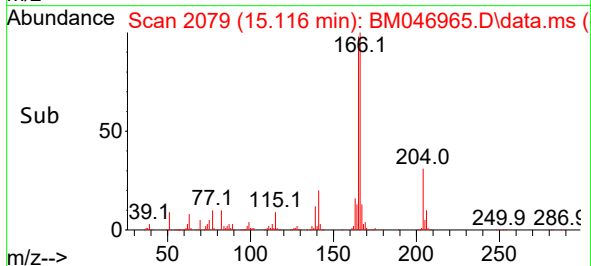
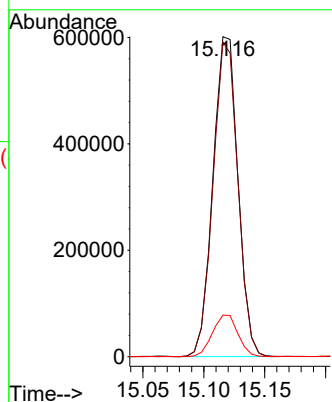
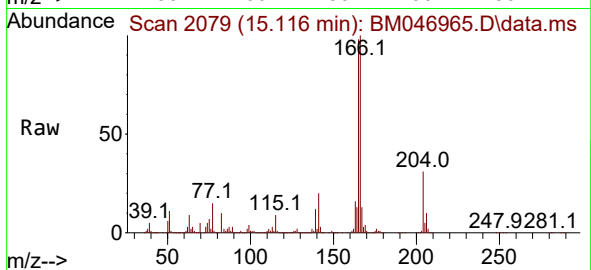
Tgt Ion:166 Resp: 858500

Ion Ratio Lower Upper

166 100

165 98.3 79.5 119.3

167 13.0 11.5 17.3



#62

4-Chlorophenyl-phenylether

Concen: 20.790 ng/ul

RT: 15.122 min Scan# 2080

Delta R.T. -0.006 min

Lab File: BM046965.D

Acq: 03 Aug 2024 14:48

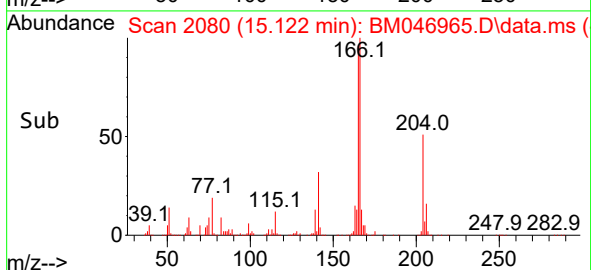
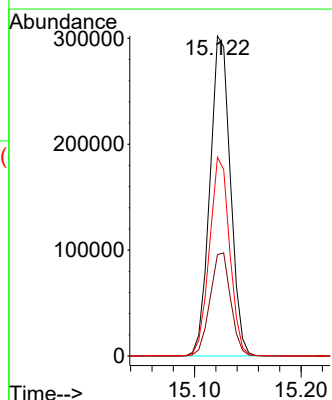
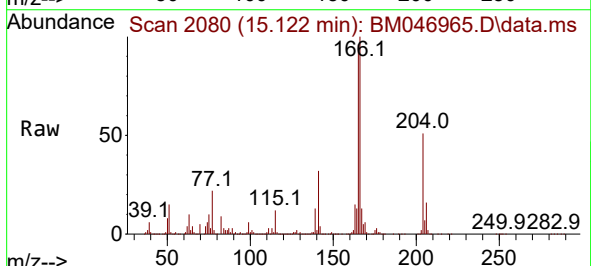
Tgt Ion:204 Resp: 402884

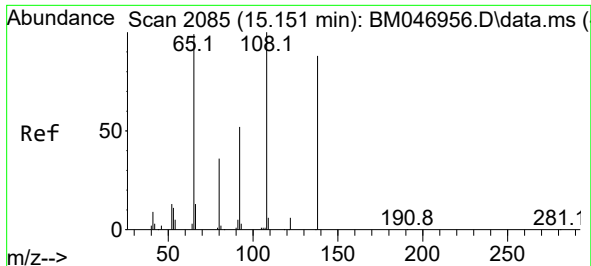
Ion Ratio Lower Upper

204 100

206 31.7 27.0 40.4

141 62.1 52.2 78.4

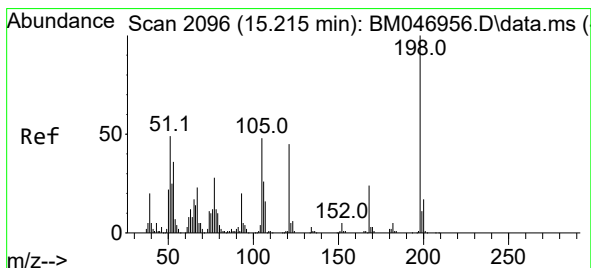
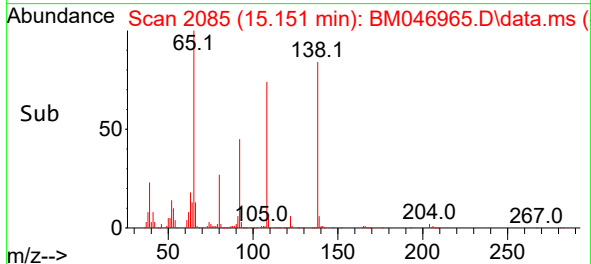
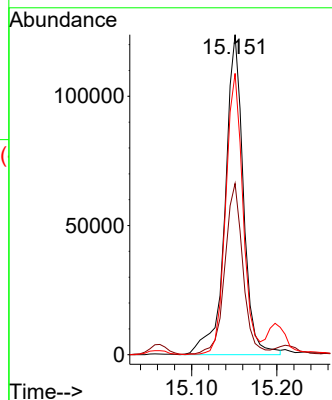
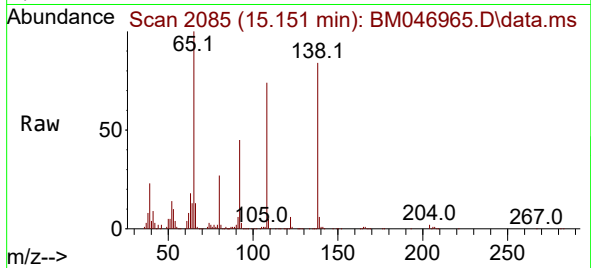




#63
4-Nitroaniline
Concen: 23.556 ng/ul
RT: 15.151 min Scan# 2085
Delta R.T. 0.000 min
Lab File: BM046965.D
Acq: 03 Aug 2024 14:48

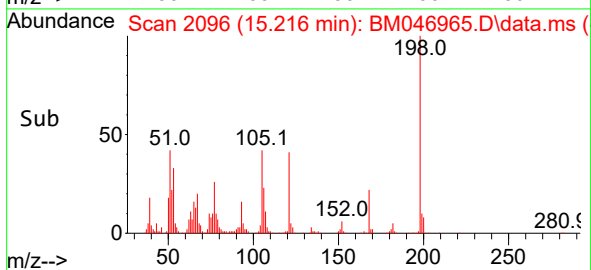
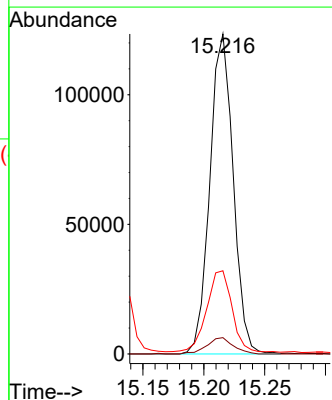
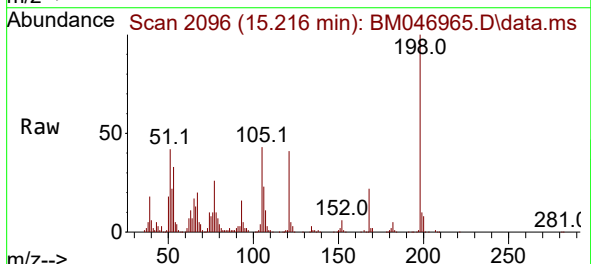
Instrument :
BNA_M
ClientSampleId :
E20J7MSD

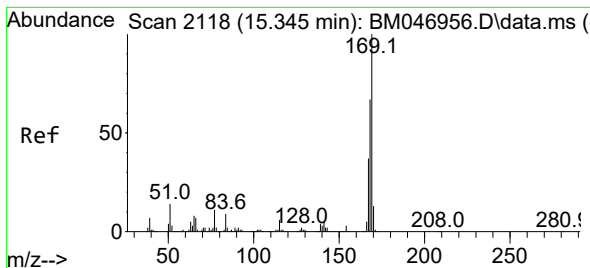
Tgt Ion:138 Resp: 185040
Ion Ratio Lower Upper
138 100
92 53.5 47.7 71.5
108 87.9 87.3 130.9



#66
4,6-Dinitro-2-methylphenol
Concen: 21.490 ng/ul
RT: 15.216 min Scan# 2096
Delta R.T. 0.000 min
Lab File: BM046965.D
Acq: 03 Aug 2024 14:48

Tgt Ion:198 Resp: 164490
Ion Ratio Lower Upper
198 100
182 5.1 3.6 5.4
77 26.0 24.4 36.6





#67

N-Nitrosodiphenylamine

Concen: 22.447 ng/ul

RT: 15.339 min Scan# 2118

Delta R.T. -0.006 min

Lab File: BM046965.D

Acq: 03 Aug 2024 14:48

Instrument :

BNA_M

ClientSampleId :

E20J7MSD

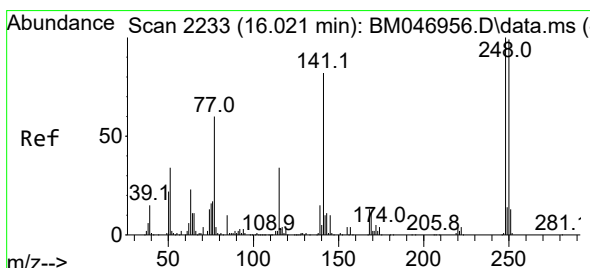
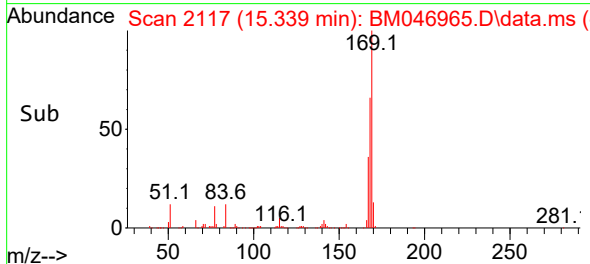
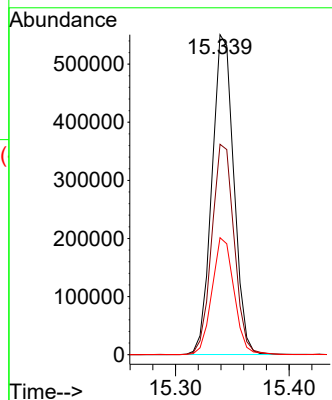
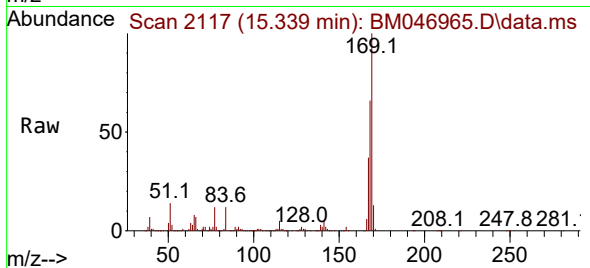
Tgt Ion:169 Resp: 736648

Ion Ratio Lower Upper

169 100

168 65.8 54.0 81.0

167 36.5 30.2 45.2



#68

4-Bromophenyl-phenylether

Concen: 22.286 ng/ul

RT: 16.021 min Scan# 2233

Delta R.T. 0.000 min

Lab File: BM046965.D

Acq: 03 Aug 2024 14:48

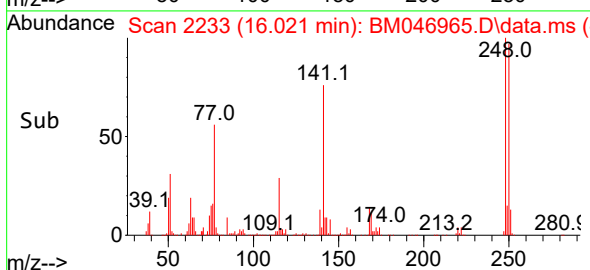
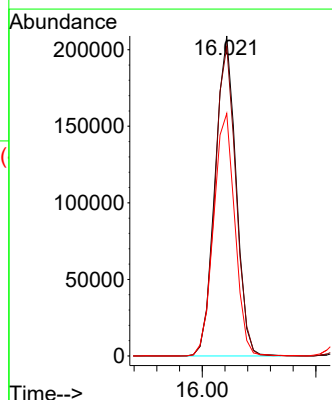
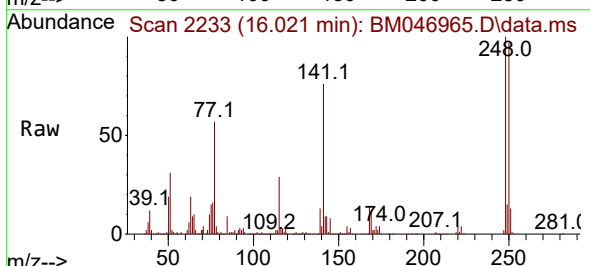
Tgt Ion:248 Resp: 267077

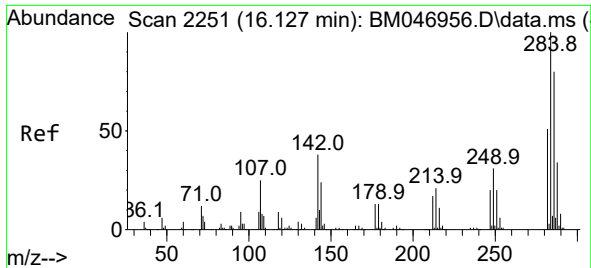
Ion Ratio Lower Upper

248 100

250 96.8 80.7 121.1

141 75.8 68.6 103.0

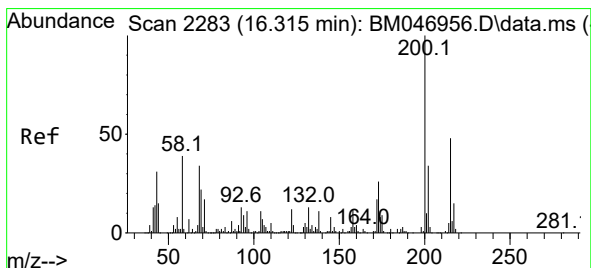
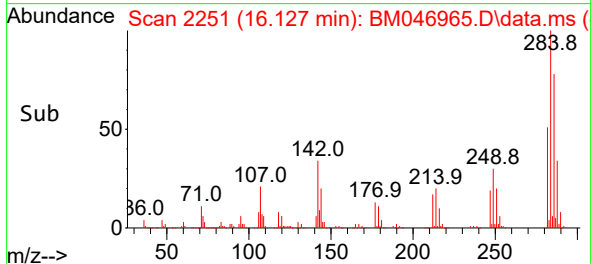
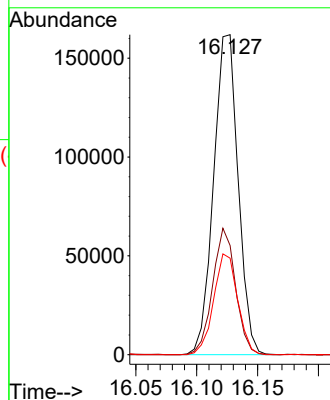
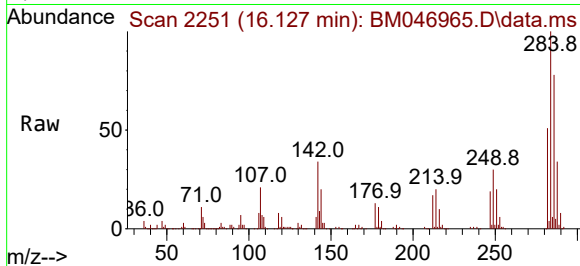




#69
Hexachlorobenzene
Concen: 16.066 ng/ul
RT: 16.127 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM046965.D
Acq: 03 Aug 2024 14:48

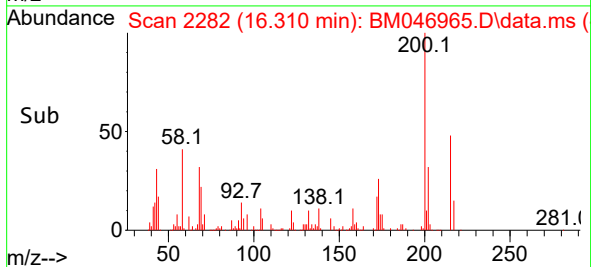
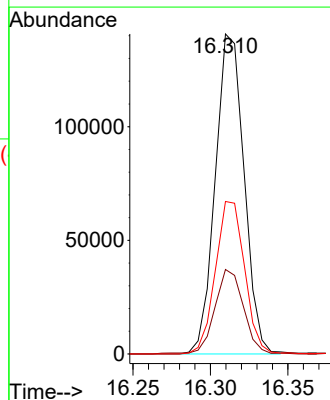
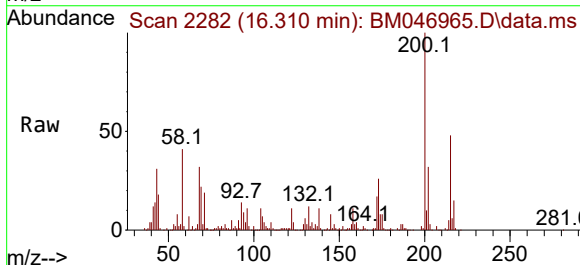
Instrument :
BNA_M
ClientSampleId :
E20J7MSD

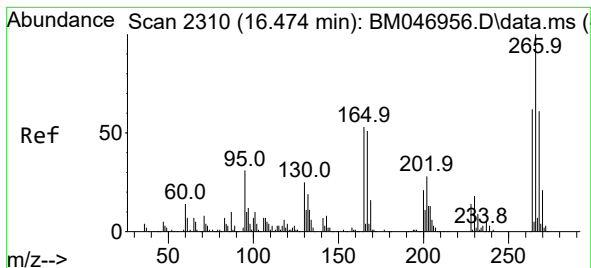
Tgt Ion:284 Resp: 226713
Ion Ratio Lower Upper
284 100
142 34.1 30.0 45.0
249 30.1 24.6 36.8



#70
Atrazine
Concen: 14.149 ng/ul
RT: 16.310 min Scan# 2282
Delta R.T. -0.006 min
Lab File: BM046965.D
Acq: 03 Aug 2024 14:48

Tgt Ion:200 Resp: 182177
Ion Ratio Lower Upper
200 100
173 26.4 21.4 32.0
215 47.6 36.7 55.1





#71

Pentachlorophenol

Concen: 17.576 ng/ul

RT: 16.474 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM046965.D

Acq: 03 Aug 2024 14:48

Instrument :

BNA_M

ClientSampleId :

E20J7MSD

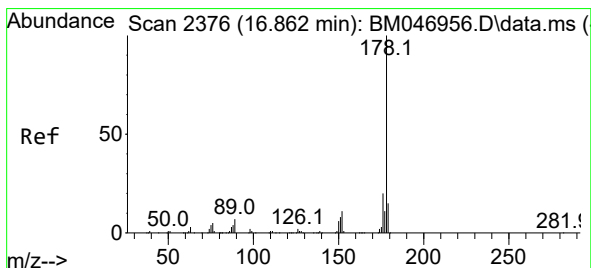
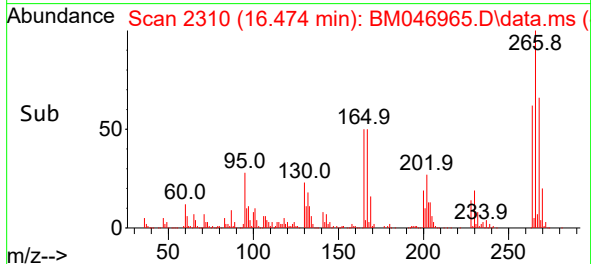
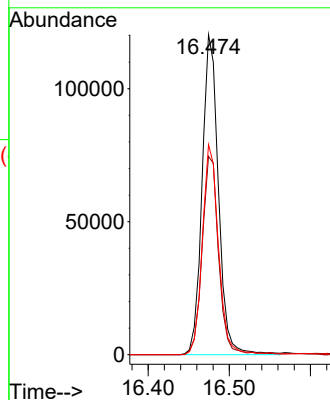
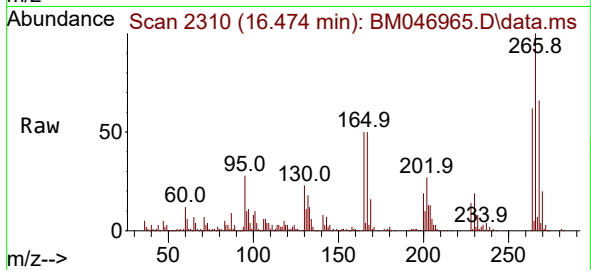
Tgt Ion:266 Resp: 167919

Ion Ratio Lower Upper

266 100

264 62.0 50.7 76.1

268 65.7 53.0 79.6



#72

Phenanthrene

Concen: 22.817 ng/ul

RT: 16.863 min Scan# 2376

Delta R.T. 0.000 min

Lab File: BM046965.D

Acq: 03 Aug 2024 14:48

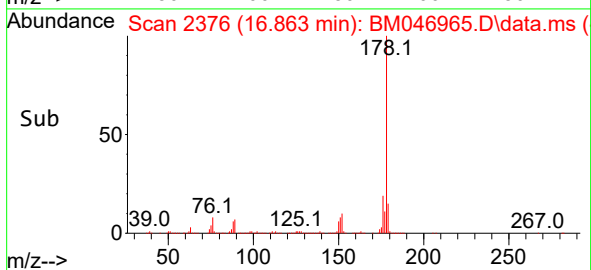
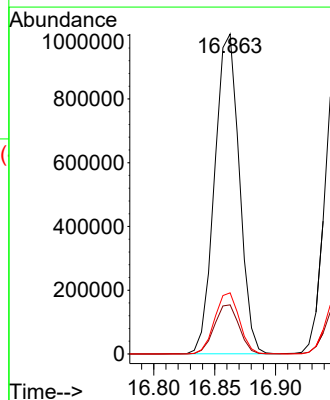
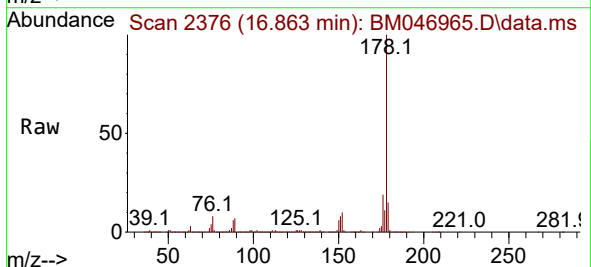
Tgt Ion:178 Resp: 1416108

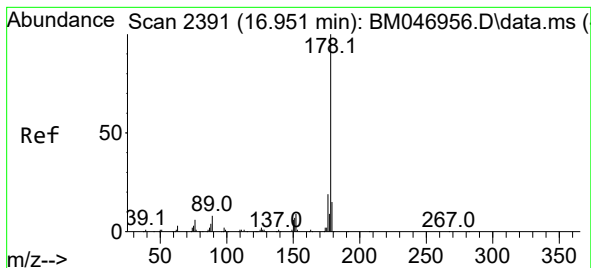
Ion Ratio Lower Upper

178 100

179 15.3 12.3 18.5

176 19.1 15.3 22.9





#74

Anthracene

Concen: 22.032 ng/uI

RT: 16.951 min Scan# 21

Delta R.T. 0.000 min

Lab File: BM046965.D

Acq: 03 Aug 2024 14:48

Instrument :

BNA_M

ClientSampleId :

E20J7MSD

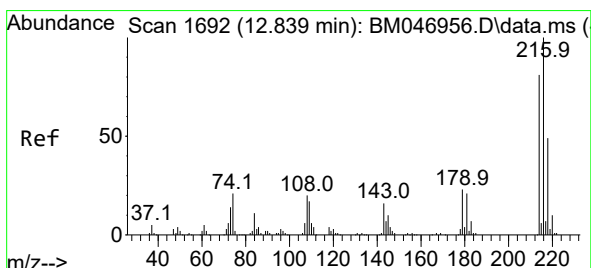
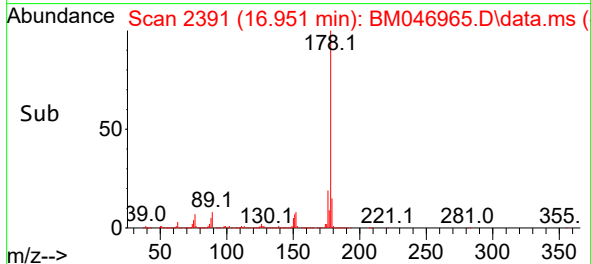
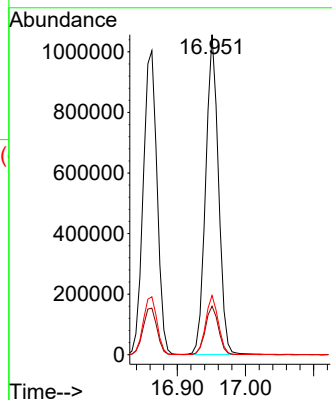
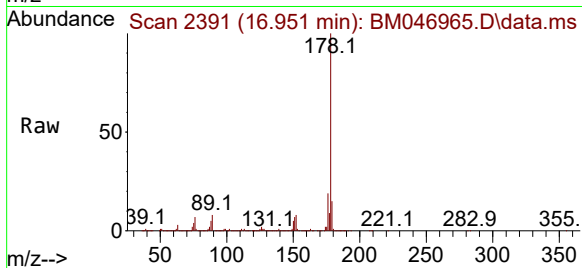
Tgt Ion:178 Resp: 1378969

Ion Ratio Lower Upper

178 100

179 15.2 12.2 18.2

176 18.5 14.6 22.0



#75

1,2,3,4-Tetrachlorobenzene

Concen: 20.404 ng/uI

RT: 12.833 min Scan# 1691

Delta R.T. -0.006 min

Lab File: BM046965.D

Acq: 03 Aug 2024 14:48

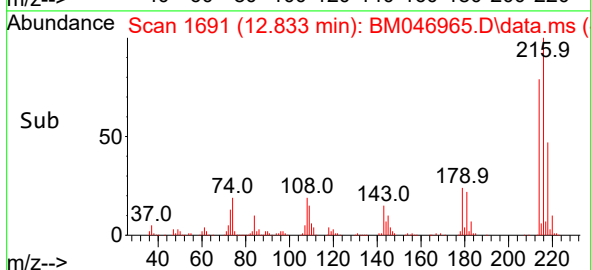
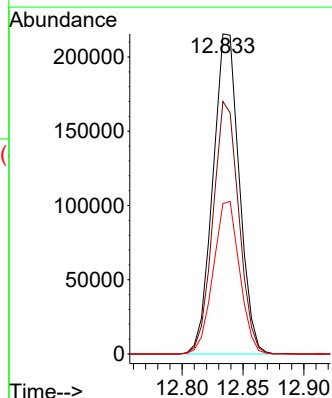
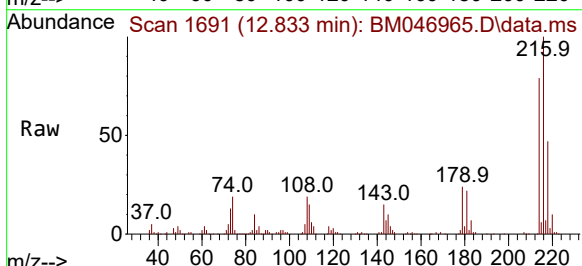
Tgt Ion:216 Resp: 325039

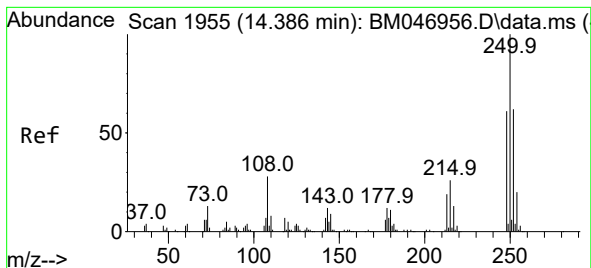
Ion Ratio Lower Upper

216 100

214 78.9 67.0 100.6

218 47.0 38.7 58.1





#76

Pentachlorobenzene

Concen: 19.751 ng/uL

RT: 14.380 min Scan# 1955

Delta R.T. -0.006 min

Lab File: BM046965.D

Acq: 03 Aug 2024 14:48

Instrument :

BNA_M

ClientSampleId :

E20J7MSD

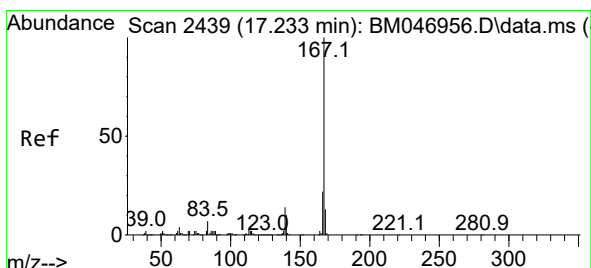
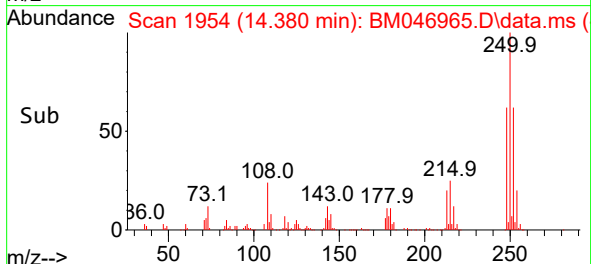
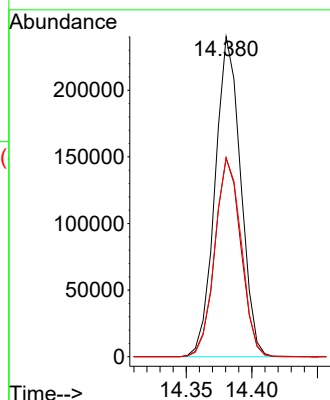
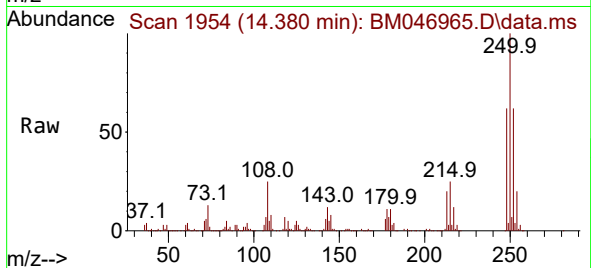
Tgt Ion:250 Resp: 325680

Ion Ratio Lower Upper

250 100

248 62.0 49.6 74.4

252 62.2 51.4 77.0



#77

Carbazole

Concen: 19.437 ng/uL

RT: 17.227 min Scan# 2438

Delta R.T. -0.006 min

Lab File: BM046965.D

Acq: 03 Aug 2024 14:48

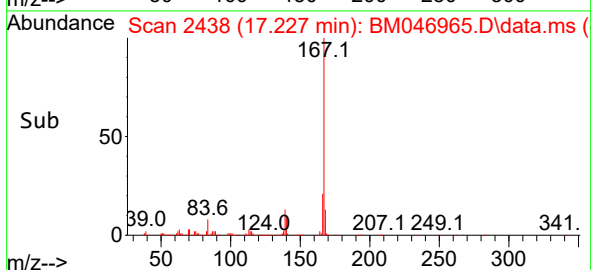
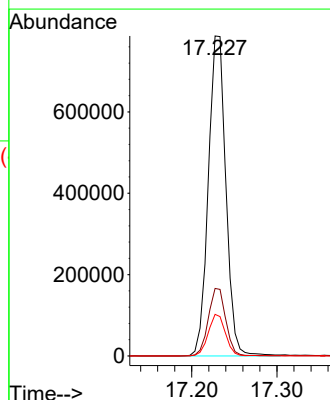
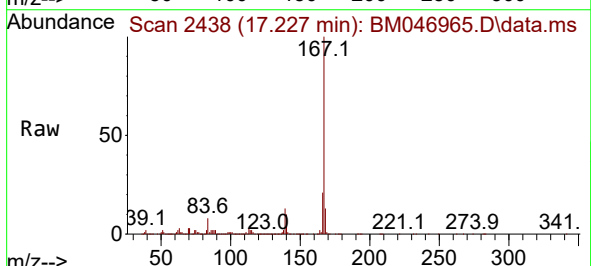
Tgt Ion:167 Resp: 1127863

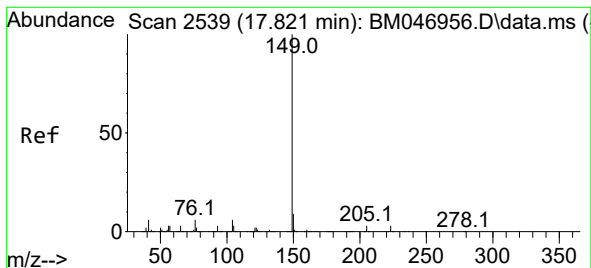
Ion Ratio Lower Upper

167 100

166 21.1 17.0 25.4

139 13.0 10.6 16.0





#78

Di-n-butylphthalate

Concen: 22.280 ng/ul

RT: 17.821 min Scan# 2

Delta R.T. 0.000 min

Lab File: BM046965.D

Acq: 03 Aug 2024 14:48

Instrument :

BNA_M

ClientSampleId :

E20J7MSD

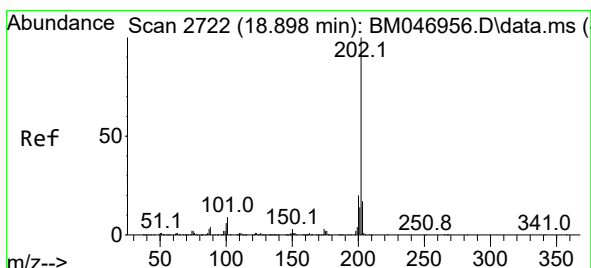
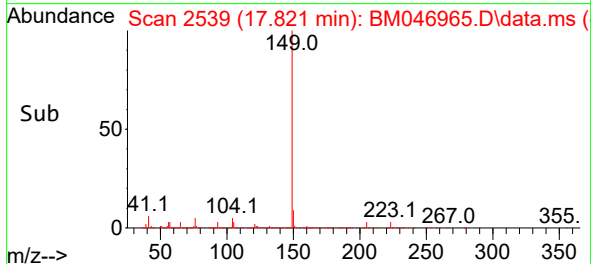
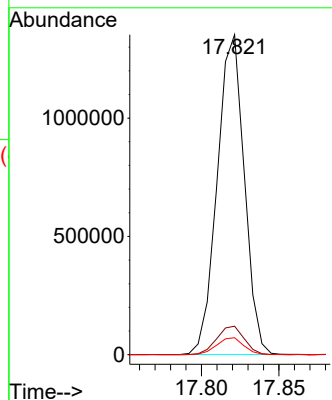
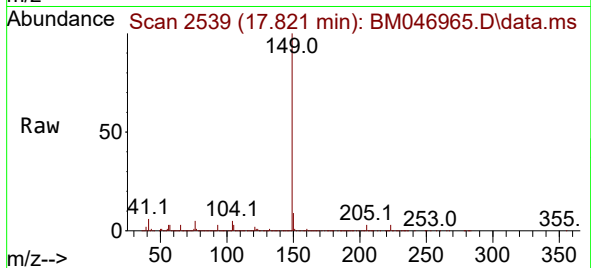
Tgt Ion:149 Resp: 1643958

Ion Ratio Lower Upper

149 100

150 8.9 7.0 10.6

104 5.3 4.8 7.2



#80

Fluoranthene

Concen: 26.249 ng/ul

RT: 18.892 min Scan# 2721

Delta R.T. 0.000 min

Lab File: BM046965.D

Acq: 03 Aug 2024 14:48

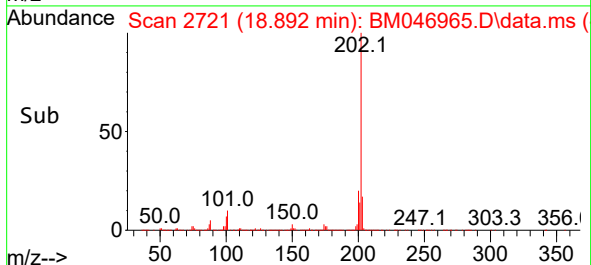
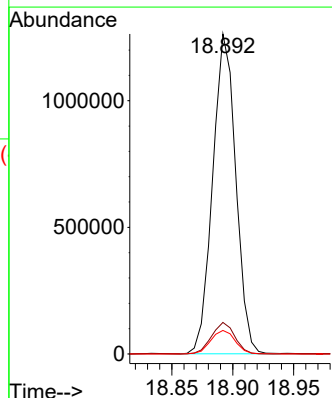
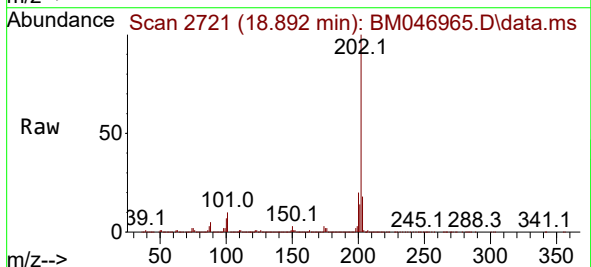
Tgt Ion:202 Resp: 1668676

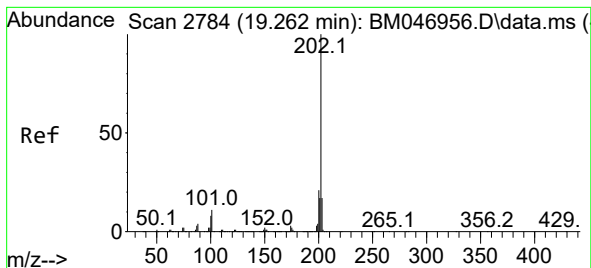
Ion Ratio Lower Upper

202 100

101 9.9 7.8 11.6

100 7.4 5.9 8.9





#82

Pyrene

Concen: 18.733 ng/ul

RT: 19.262 min Scan# 21

Delta R.T. 0.000 min

Lab File: BM046965.D

Acq: 03 Aug 2024 14:48

Instrument :

BNA_M

ClientSampleId :

E20J7MSD

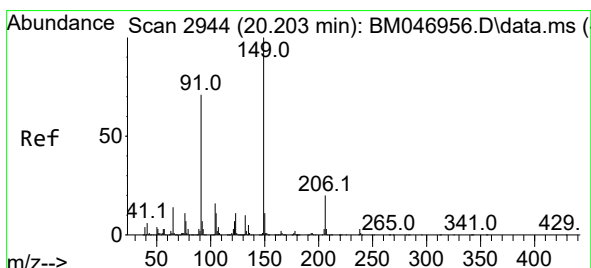
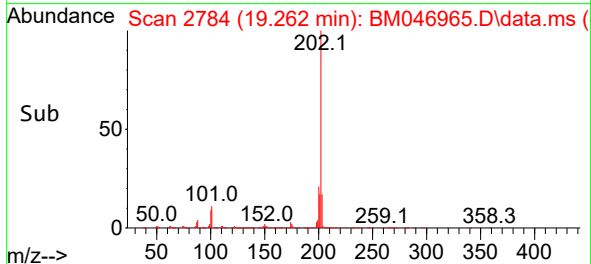
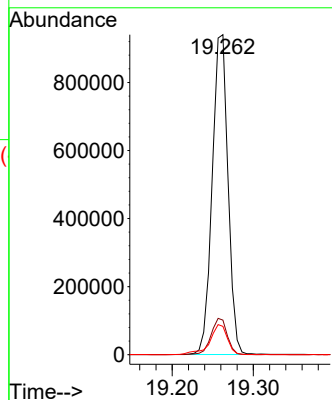
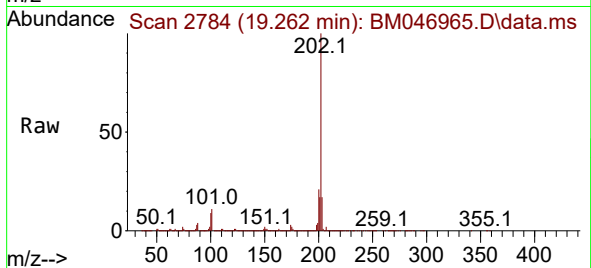
Tgt Ion:202 Resp: 1268896

Ion Ratio Lower Upper

202 100

101 10.8 8.7 13.1

100 8.9 6.8 10.2



#83

Butylbenzylphthalate

Concen: 25.734 ng/ul

RT: 20.198 min Scan# 2943

Delta R.T. -0.006 min

Lab File: BM046965.D

Acq: 03 Aug 2024 14:48

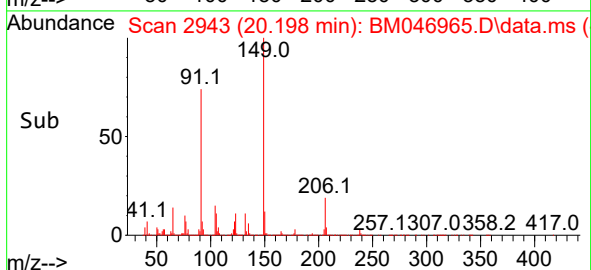
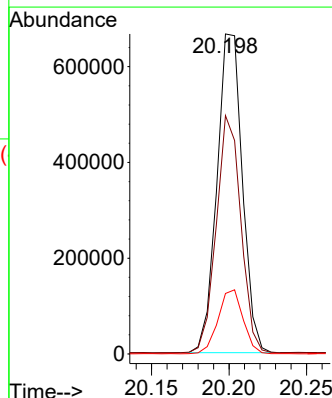
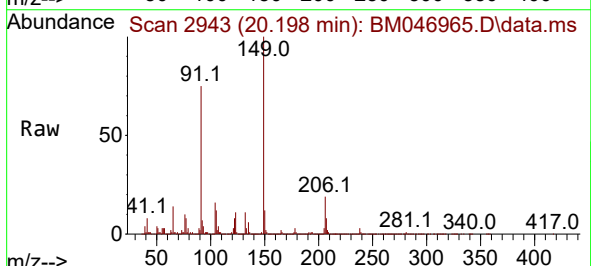
Tgt Ion:149 Resp: 761869

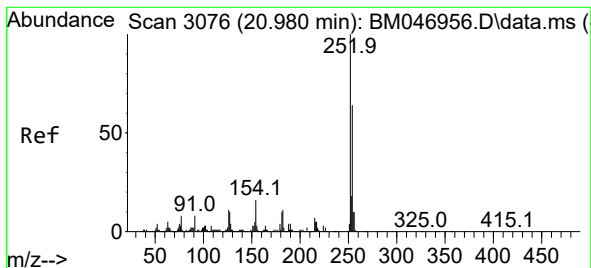
Ion Ratio Lower Upper

149 100

91 74.5 55.3 82.9

206 18.9 16.2 24.4





#84

3,3'-Dichlorobenzidine

Concen: 12.547 ng/ul

RT: 20.980 min Scan# 3076

Delta R.T. 0.000 min

Lab File: BM046965.D

Acq: 03 Aug 2024 14:48

Instrument :

BNA_M

ClientSampleId :

E20J7MSD

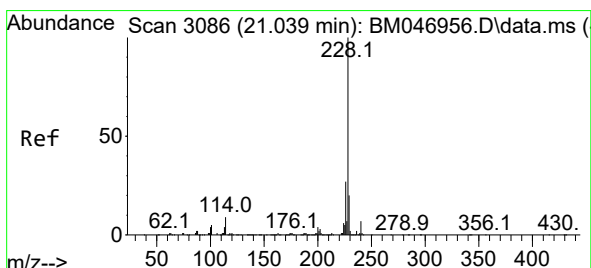
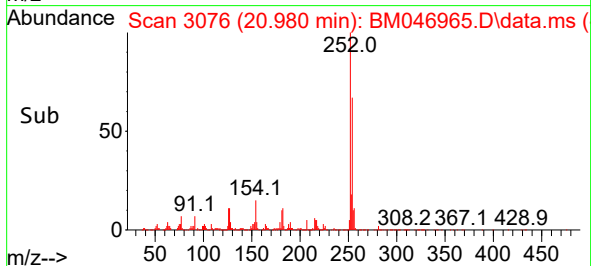
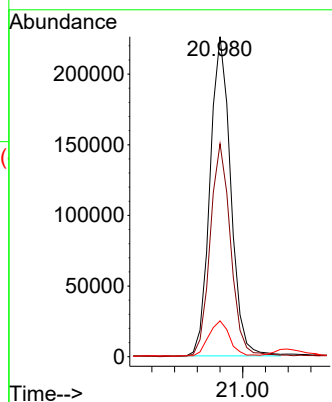
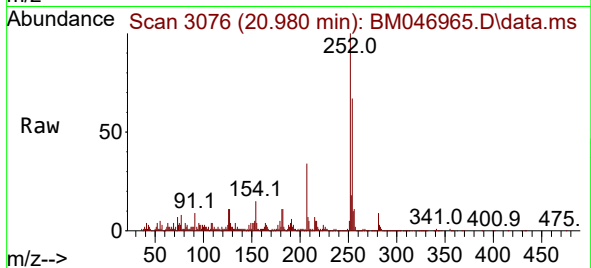
Tgt Ion:252 Resp: 285821

Ion Ratio Lower Upper

252 100

254 66.5 52.6 78.8

126 11.2 8.8 13.2



#85

Benzo(a)anthracene

Concen: 23.751 ng/ul

RT: 21.039 min Scan# 3086

Delta R.T. 0.000 min

Lab File: BM046965.D

Acq: 03 Aug 2024 14:48

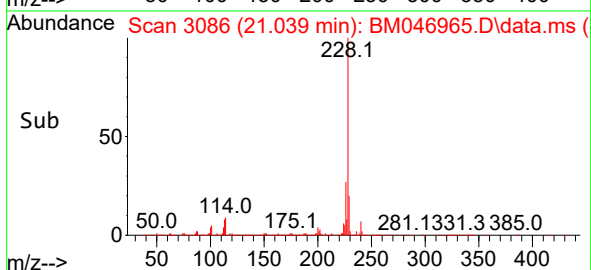
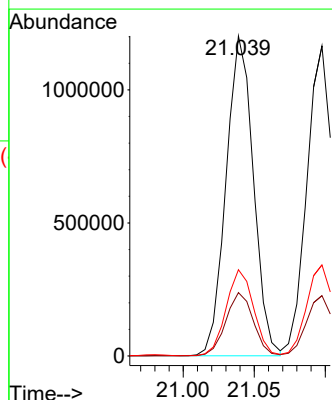
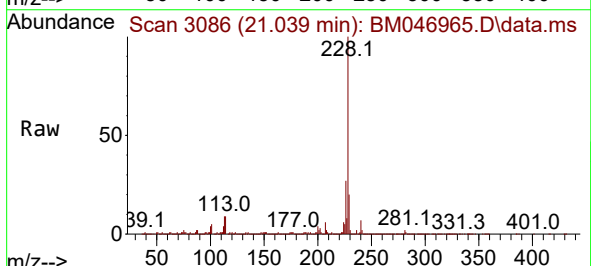
Tgt Ion:228 Resp: 1611859

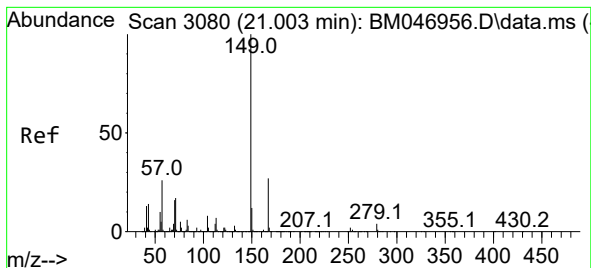
Ion Ratio Lower Upper

228 100

229 19.8 15.5 23.3

226 27.0 21.2 31.8

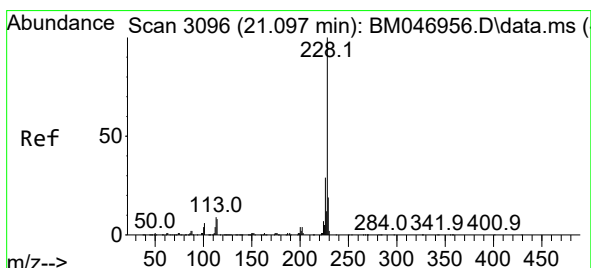
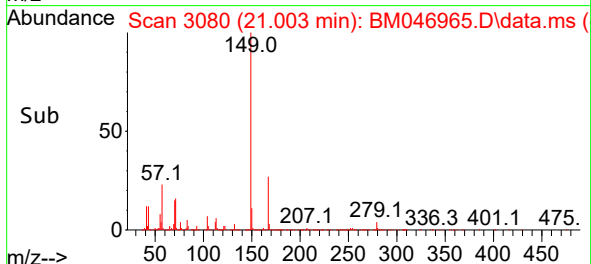
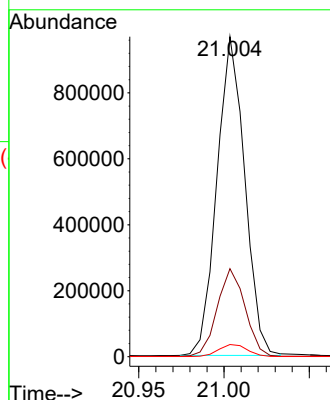
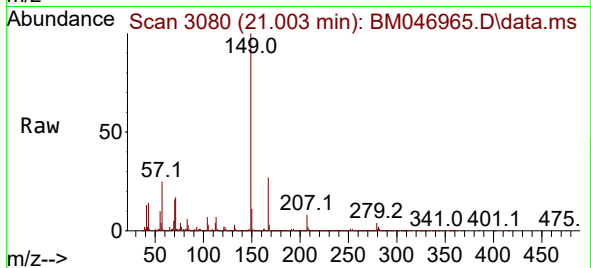




#86
Bis(2-ethylhexyl)phthalate
Concen: 25.342 ng/ul
RT: 21.003 min Scan# 3080
Delta R.T. 0.000 min
Lab File: BM046965.D
Acq: 03 Aug 2024 14:48

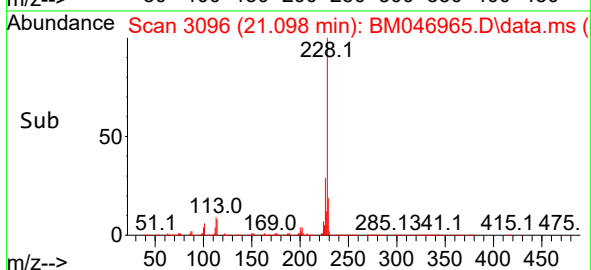
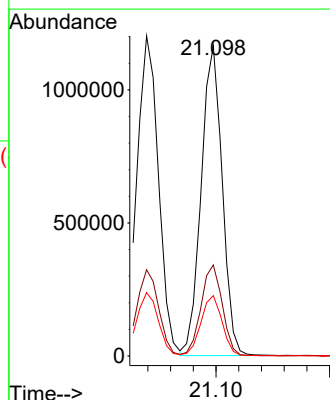
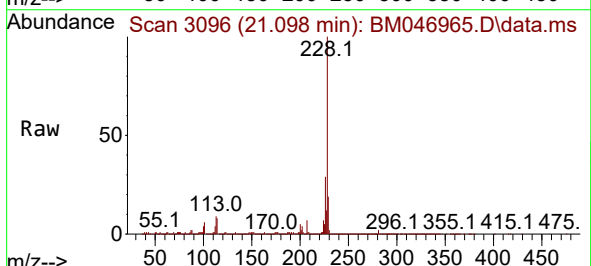
Instrument :
BNA_M
ClientSampleId :
E20J7MSD

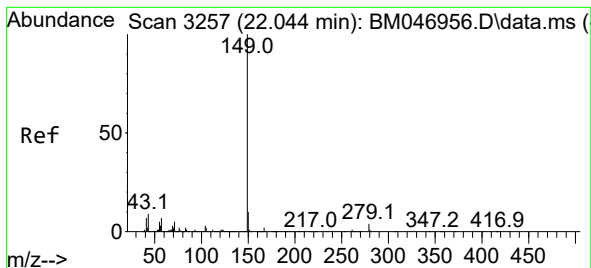
Tgt Ion:149 Resp: 1095320
Ion Ratio Lower Upper
149 100
167 27.5 21.3 31.9
279 3.8 3.3 4.9



#87
Chrysene
Concen: 23.170 ng/ul
RT: 21.098 min Scan# 3096
Delta R.T. 0.000 min
Lab File: BM046965.D
Acq: 03 Aug 2024 14:48

Tgt Ion:228 Resp: 1499690
Ion Ratio Lower Upper
228 100
226 29.3 24.0 36.0
229 19.5 15.5 23.3





#89

Di-n-octyl phthalate

Concen: 24.554 ng/ul

RT: 22.045 min Scan# 31

Delta R.T. 0.000 min

Lab File: BM046965.D

Acq: 03 Aug 2024 14:48

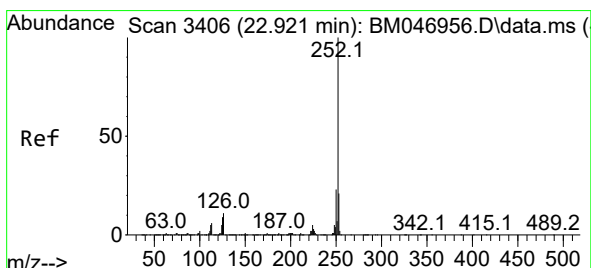
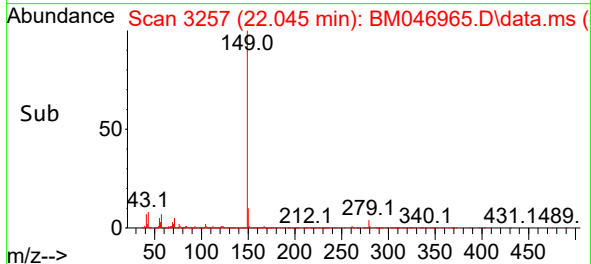
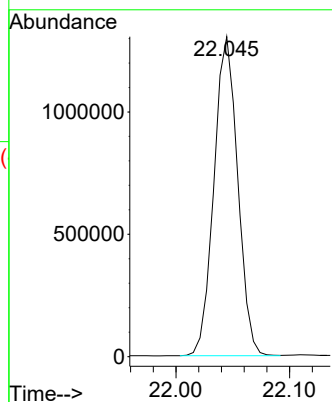
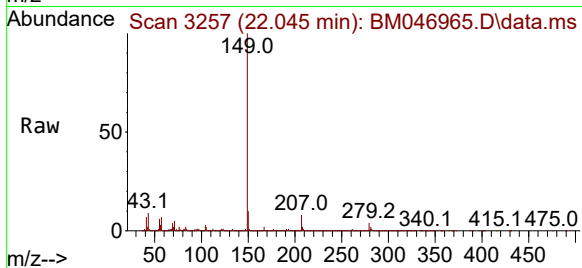
Instrument :

BNA_M

ClientSampleId :

E20J7MSD

Tgt Ion:149 Resp: 1894450



#90

Benzo(b)fluoranthene

Concen: 23.595 ng/ul

RT: 22.921 min Scan# 3406

Delta R.T. 0.000 min

Lab File: BM046965.D

Acq: 03 Aug 2024 14:48

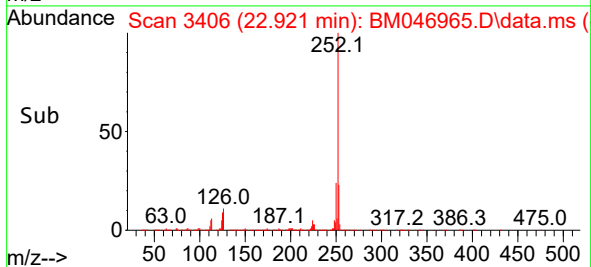
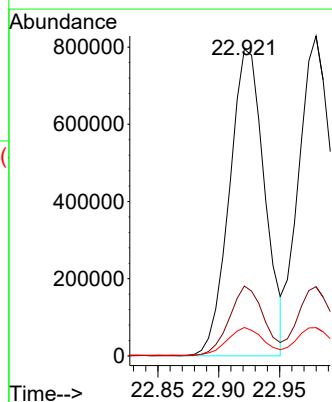
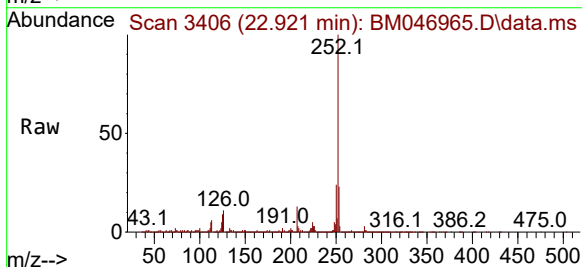
Tgt Ion:252 Resp: 1596211

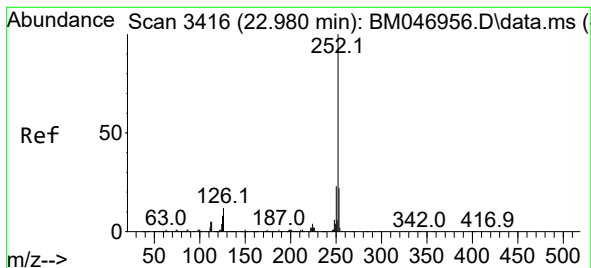
Ion Ratio Lower Upper

252 100

253 22.8 17.4 26.2

125 9.3 7.0 10.6





#91

Benzo(k)fluoranthene

Concen: 23.652 ng/uI

RT: 22.980 min Scan# 3416

Delta R.T. 0.000 min

Lab File: BM046965.D

Acq: 03 Aug 2024 14:48

Instrument :

BNA_M

ClientSampleId :

E20J7MSD

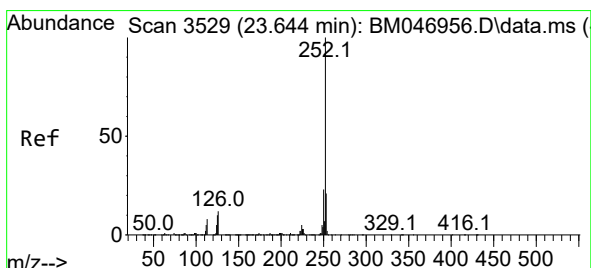
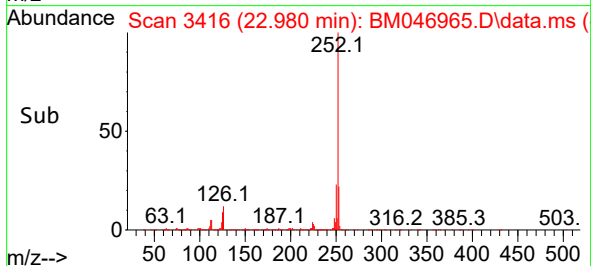
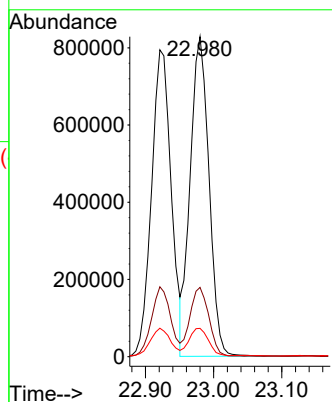
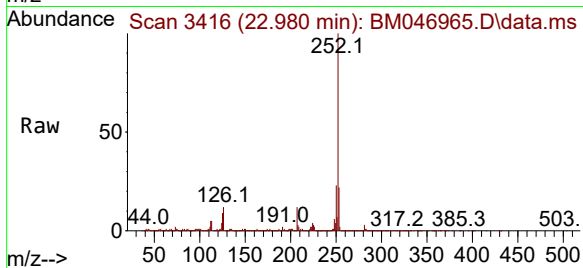
Tgt Ion:252 Resp: 1581222

Ion Ratio Lower Upper

252 100

253 21.7 17.0 25.6

125 8.9 6.9 10.3



#93

Benzo(a)pyrene

Concen: 9.980 ng/uI

RT: 23.645 min Scan# 3529

Delta R.T. 0.000 min

Lab File: BM046965.D

Acq: 03 Aug 2024 14:48

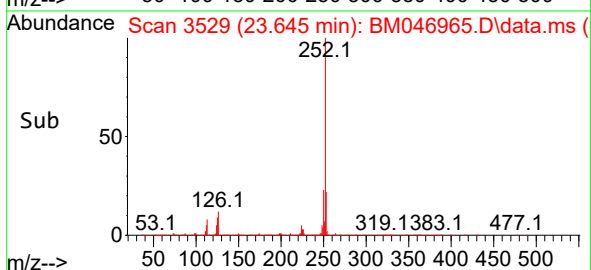
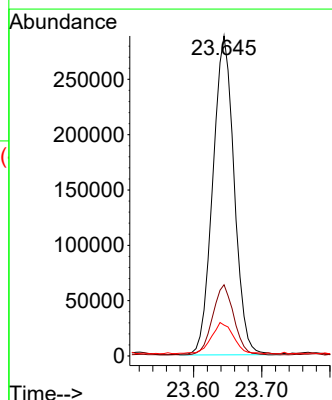
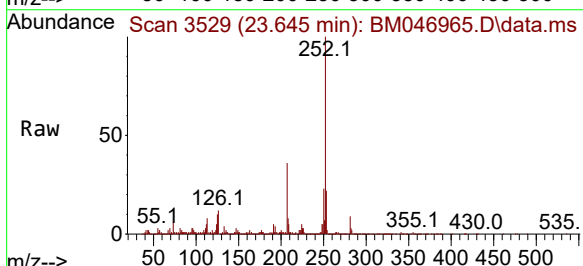
Tgt Ion:252 Resp: 628999

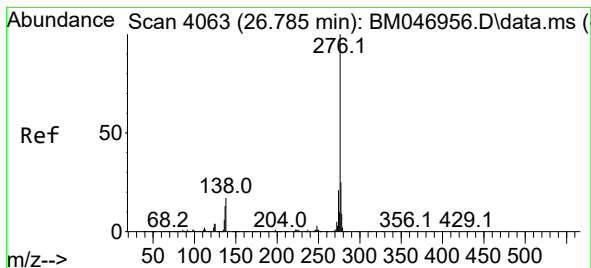
Ion Ratio Lower Upper

252 100

253 22.3 18.2 27.2

125 9.6 8.1 12.1





#94

Indeno(1,2,3-cd)pyrene

Concen: 16.043 ng/ul

RT: 26.780 min Scan# 4063

Delta R.T. 0.000 min

Lab File: BM046965.D

Acq: 03 Aug 2024 14:48

Instrument :

BNA_M

ClientSampleId :

E20J7MSD

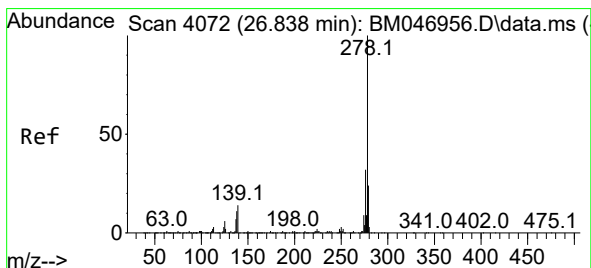
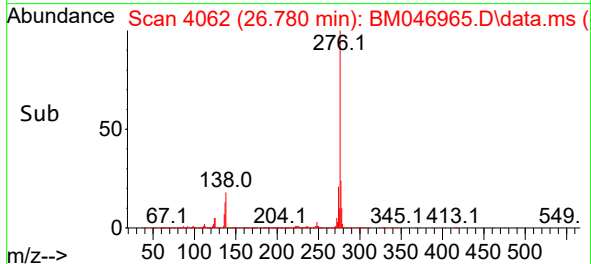
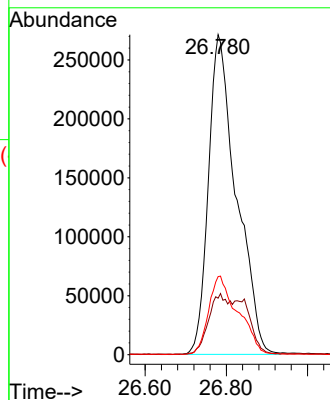
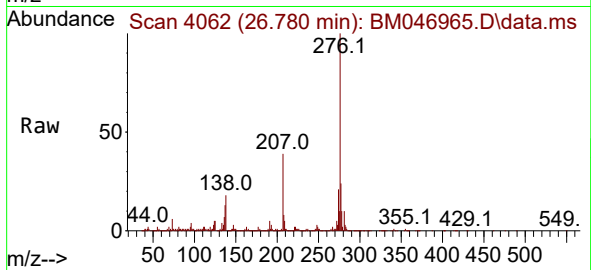
Tgt Ion:276 Resp: 1295438

Ion Ratio Lower Upper

276 100

138 17.7 14.7 22.1

277 24.4 19.3 28.9



#95

Dibenzo(a,h)anthracene

Concen: 23.432 ng/ul

RT: 26.844 min Scan# 4073

Delta R.T. 0.012 min

Lab File: BM046965.D

Acq: 03 Aug 2024 14:48

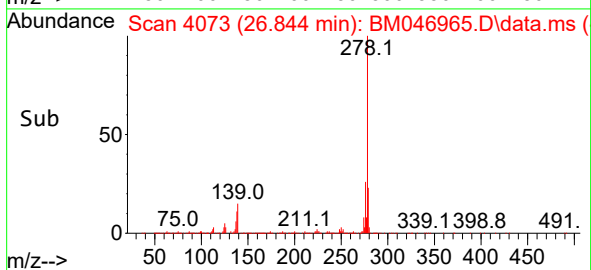
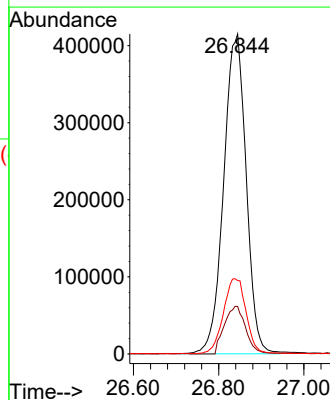
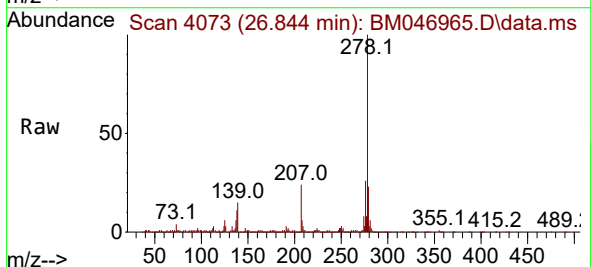
Tgt Ion:278 Resp: 1519808

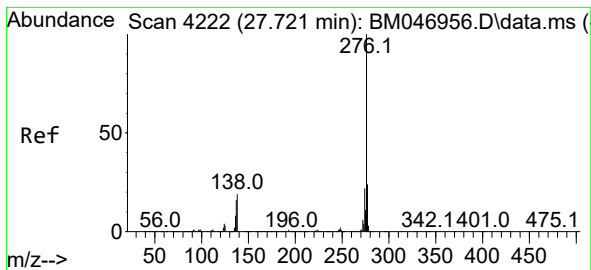
Ion Ratio Lower Upper

278 100

139 14.8 11.4 17.0

279 22.9 19.4 29.0





#96

Benzo(g,h,i)perylene

Concen: 1.993 ng/ul

RT: 27.709 min Scan# 41

Delta R.T. -0.006 min

Lab File: BM046965.D

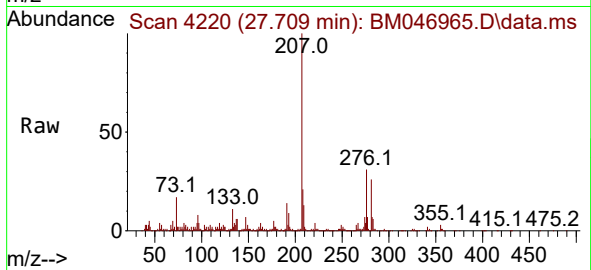
Acq: 03 Aug 2024 14:48

Instrument :

BNA_M

ClientSampleId :

E20J7MSD



Tgt Ion:276 Resp: 127169

Ion Ratio Lower Upper

276 100

138 18.9 14.7 22.1

277 22.4 18.6 27.8

