

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080224\
 Data File : BM046949.D
 Acq On : 02 Aug 2024 15:01
 Operator : MA/JU
 Sample : SSTD01025
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Aug 03 02:21:11 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM080224.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Aug 03 02:17:59 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.404	152	91224	20.000	ng/ul	0.00
20) Naphthalene-d8	10.163	136	342780	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.057	164	227867	20.000	ng/ul	0.00
64) Phenanthrene-d10	16.821	188	506179	20.000	ng/ul	0.00
79) Chrysene-d12	21.056	240	529099	20.000	ng/ul	0.00
88) Perylene-d12	23.774	264	692301	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.028	96	10304	5.789	ng/uL	0.00
4) Pyridine-d5	3.416	84	69667	9.345	ng/ul	0.00
7) Phenol-d5	6.604	99	75234	9.326	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.757	67	50755	9.764	ng/ul	0.00
11) 2-Chlorophenol-d4	6.945	132	62828	9.708	ng/ul	0.00
15) 4-Methylphenol-d8	8.122	113	58142	11.247	ng/ul	0.00
21) Nitrobenzene-d5	8.545	128	29539	11.429	ng/ul	0.00
24) 2-Nitrophenol-d4	9.263	143	30977	8.776	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	9.798	165	60522	8.714	ng/ul	0.00
31) 4-Chloroaniline-d4	10.310	131	81990	10.858	ng/ul	0.00
46) Dimethylphthalate-d6	13.486	166	188115	11.051	ng/ul	0.00
49) Acenaphthylene-d8	13.745	160	210906	10.961	ng/ul	0.00
54) 4-Nitrophenol-d4	14.298	143	34206	10.702	ng/ul	0.00
60) Fluorene-d10	15.062	176	164054	10.293	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.204	200	30850	9.395	ng/ul	0.00
73) Anthracene-d10	16.915	188	265439	10.938	ng/ul	0.00
81) Pyrene-d10	19.227	212	309653	11.386	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.585	264	377652	10.270	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.057	88	10259	5.451	ng/uL	89
5) Pyridine	3.434	79	69748	9.305	ng/ul	97
6) Benzaldehyde	6.563	77	48858	9.666	ng/ul	94
8) Phenol	6.634	94	77250	9.243	ng/ul	99
10) Bis(2-Chloroethyl)ether	6.851	93	64623	9.896	ng/ul	98
12) 2-Chlorophenol	6.981	128	64597	10.075	ng/ul	98
13) 2-Methylphenol	7.857	108	56193	11.221	ng/ul	97
14) 2,2'-oxybis(1-Chloropr...	7.928	45	78360	12.154	ng/ul	97
16) Acetophenone	8.222	105	98509	11.525	ng/ul	97
17) N-Nitroso-di-n-propyla...	8.210	70	50125	12.742	ng/ul	97
18) 4-Methylphenol	8.186	108	61315	11.331	ng/ul	93
19) Hexachloroethane	8.457	117	30768	11.234	ng/ul	97
22) Nitrobenzene	8.586	77	79922	11.705	ng/ul	95
23) Isophorone	9.116	82	136508	10.619	ng/ul	97
25) 2-Nitrophenol	9.292	139	34153	8.796	ng/ul	97
26) 2,4-Dimethylphenol	9.369	107	69785	9.727	ng/ul	99
27) Bis(2-Chloroethoxy)met...	9.604	93	83174	11.531	ng/ul	98
29) 2,4-Dichlorophenol	9.822	162	60450	8.775	ng/ul	98
30) Naphthalene	10.210	128	200074	11.385	ng/ul	100
32) 4-Chloroaniline	10.333	127	81714	11.280	ng/ul	97
33) Hexachlorobutadiene	10.504	225	44771	8.060	ng/ul	98
34) Caprolactam	11.116	113	15824	9.244	ng/ul#	82
35) 4-Chloro-3-methylphenol	11.474	107	63748	11.296	ng/ul	99
36) 2-Methylnaphthalene	11.833	142	137387	9.141	ng/ul	98

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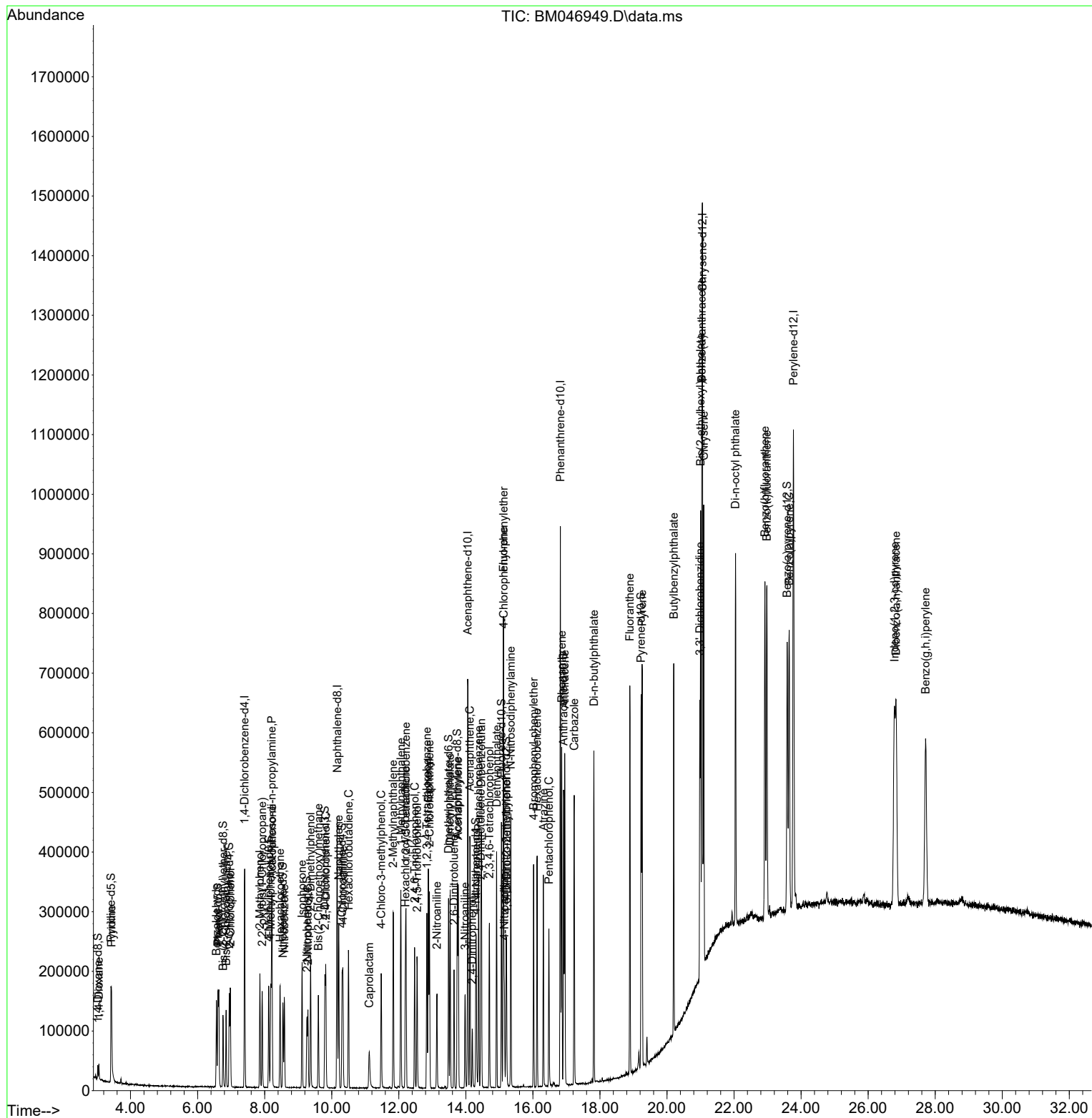
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.063	142	139157	9.374	ng/ul	92
39) 1,2,4,5-Tetrachloroben...	12.216	216	77175	8.791	ng/ul	97
40) Hexachlorocyclopentadiene	12.198	237	45263	8.792	ng/ul	98
41) 2,4,6-Trichlorophenol	12.474	196	49121	8.988	ng/ul	99
42) 2,4,5-Trichlorophenol	12.545	196	54345	9.267	ng/ul	96
43) 1,1'-Biphenyl	12.880	154	186890	10.749	ng/ul	99
44) 2-Chloronaphthalene	12.916	162	150200	10.560	ng/ul	100
45) 2-Nitroaniline	13.139	65	42323	11.643	ng/ul	95
47) Dimethylphthalate	13.533	163	189830	11.144	ng/ul	99
48) 2,6-Dinitrotoluene	13.651	165	34476	10.007	ng/ul	95
50) Acenaphthylene	13.774	152	227562	11.712	ng/ul	100
51) 3-Nitroaniline	13.980	138	34104	10.111	ng/ul	93
52) Acenaphthene	14.121	153	161993	11.469	ng/ul	99
53) 2,4-Dinitrophenol	14.192	184	20348	8.041	ng/ul	96
55) 4-Nitrophenol	14.310	109	37356	9.699	ng/ul	96
56) Dibenzofuran	14.462	168	231281	10.770	ng/ul	98
57) 2,4-Dinitrotoluene	14.445	165	53849	10.298	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	14.704	232	47045	9.235	ng/ul	100
59) Diethylphthalate	14.921	149	204505	11.390	ng/ul	99
61) Fluorene	15.121	166	188754	10.589	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.127	204	92082	9.268	ng/ul	98
63) 4-Nitroaniline	15.151	138	37043	10.649	ng/ul	95
66) 4,6-Dinitro-2-methylph...	15.215	198	33831	9.398	ng/ul#	96
67) N-Nitrosodiphenylamine	15.345	169	163699	11.699	ng/ul	98
68) 4-Bromophenyl-phenylether	16.021	248	59023	9.900	ng/ul	97
69) Hexachlorobenzene	16.127	284	70249	9.975	ng/ul	99
70) Atrazine	16.315	200	61241	10.409	ng/ul	98
71) Pentachlorophenol	16.480	266	42630	9.148	ng/ul	94
72) Phenanthrene	16.862	178	313700	11.485	ng/ul	100
74) Anthracene	16.951	178	321348	11.518	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	12.839	216	76883	9.709	ng/uL	94
76) Pentachlorobenzene	14.386	250	81636	10.007	ng/uL	98
77) Carbazole	17.233	167	291503	11.596	ng/ul	99
78) Di-n-butylphthalate	17.821	149	369382	12.513	ng/ul	99
80) Fluoranthene	18.892	202	370064	10.683	ng/ul	99
82) Pyrene	19.262	202	402634	11.928	ng/ul	99
83) Butylbenzylphthalate	20.203	149	172008	13.057	ng/ul	98
84) 3,3'-Dichlorobenzidine	20.980	252	130748	10.294	ng/ul	95
85) Benzo(a)anthracene	21.039	228	409093	10.708	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.003	149	258430	12.182	ng/ul	99
87) Chrysene	21.097	228	390408	10.711	ng/ul	99
89) Di-n-octyl phthalate	22.044	149	454664	10.476	ng/ul	100
90) Benzo(b)fluoranthene	22.921	252	439251	10.167	ng/ul	100
91) Benzo(k)fluoranthene	22.980	252	442372	10.449	ng/ul	99
93) Benzo(a)pyrene	23.644	252	422406	10.525	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.785	276	547508	10.895	ng/ul	97
95) Dibenzo(a,h)anthracene	26.832	278	445615	10.937	ng/ul	97
96) Benzo(g,h,i)perylene	27.715	276	430709	9.959	ng/ul	98

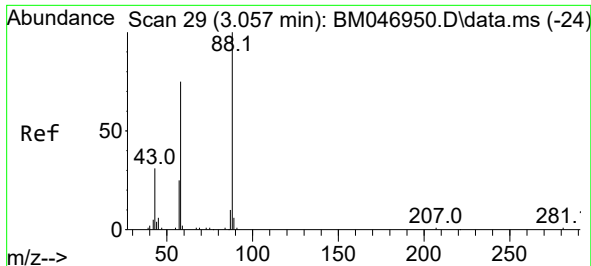
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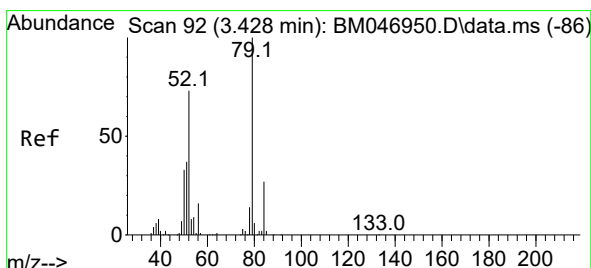
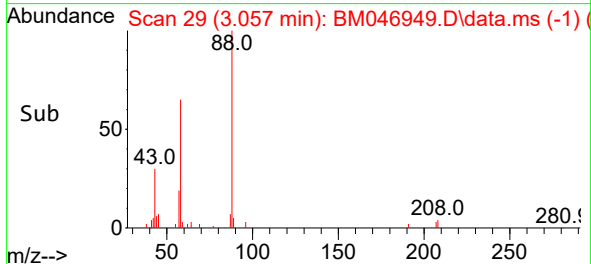
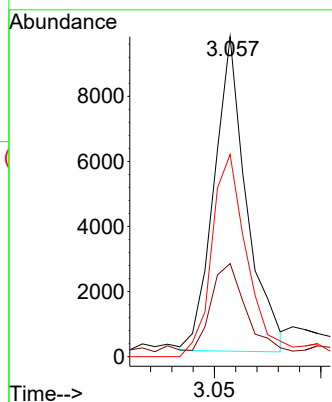
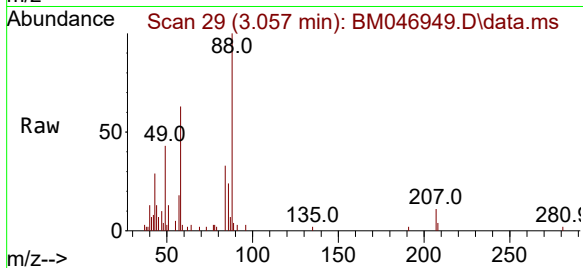




#2
1,4-Dioxane
Concen: 5.451 ng/uL
RT: 3.057 min Scan# 29
Delta R.T. -0.000 min
Lab File: BM046949.D
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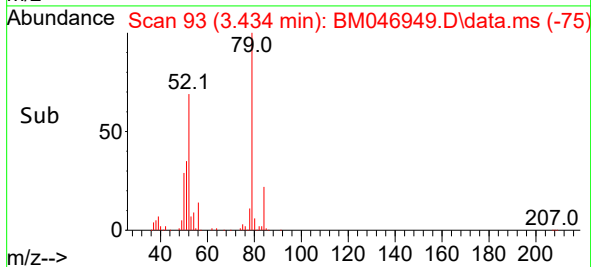
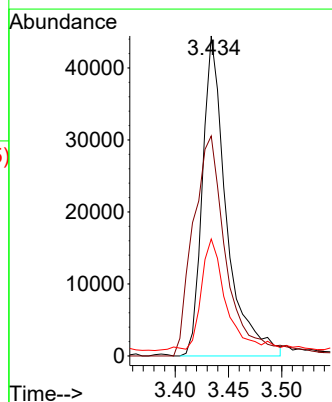
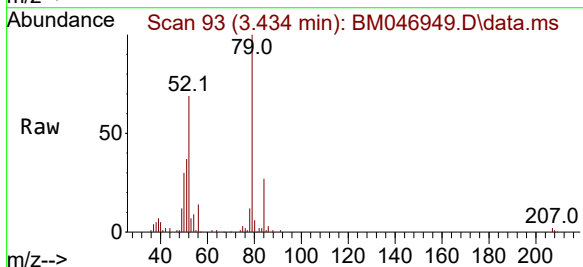
Instrument :
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ClientSampleId :

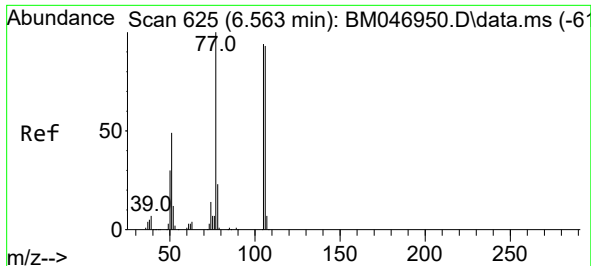
Tgt Ion	Ratio	Lower	Upper
88	100		
43	29.1	24.9	37.3
58	63.2	59.7	89.5



#5
Pyridine
Concen: 9.305 ng/uL
RT: 3.434 min Scan# 93
Delta R.T. 0.006 min
Lab File: BM046949.D
Acq: 02 Aug 2024 15:01

Tgt Ion	Ratio	Lower	Upper
79	100		
52	68.7	58.1	87.1
51	36.6	29.3	43.9

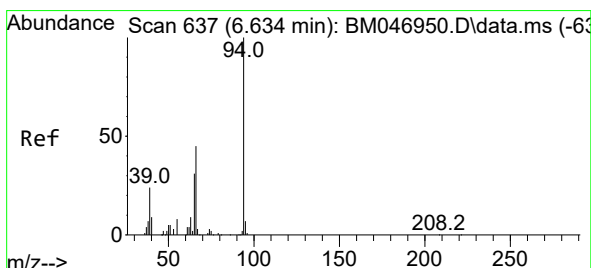
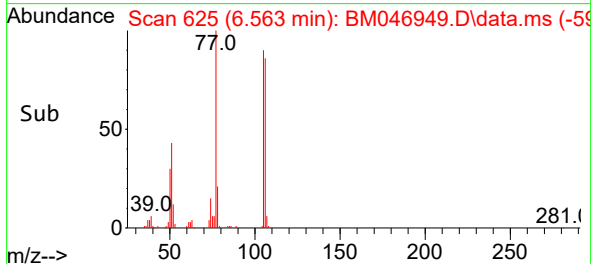
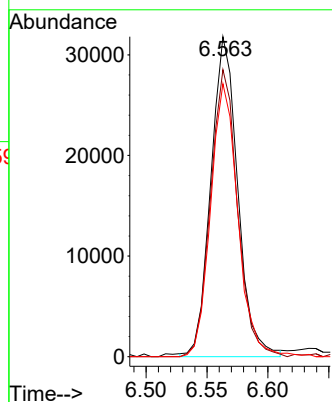
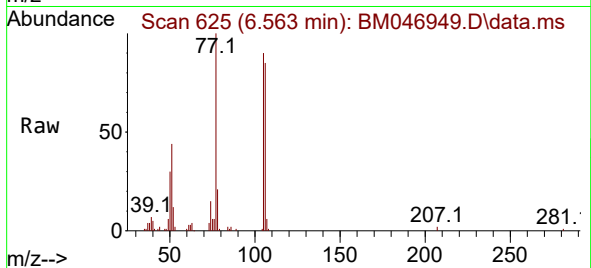




#6
Benzaldehyde
Concen: 9.666 ng/ul
RT: 6.563 min Scan# 61
Delta R.T. -0.000 min
Lab File: BM046949.D
Acq: 02 Aug 2024 15:01

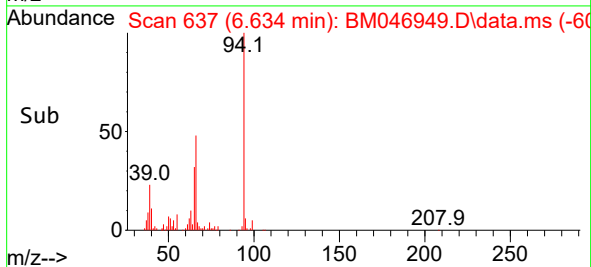
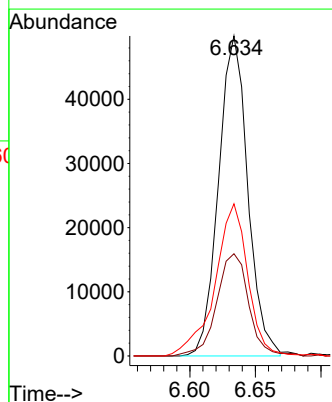
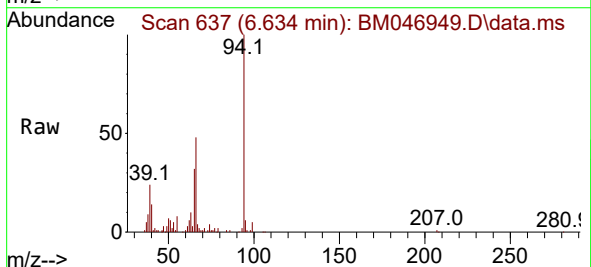
Instrument :
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ClientSampleId :

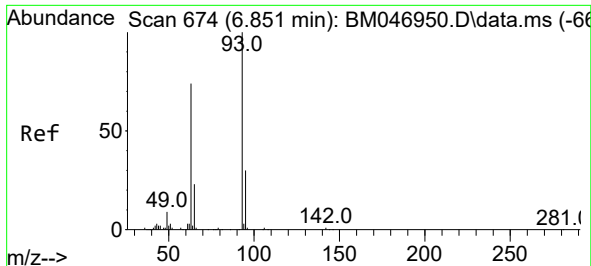
Tgt Ion: 77 Resp: 48858
Ion Ratio Lower Upper
77 100
105 89.7 74.7 112.1
106 85.3 74.2 111.2



#8
Phenol
Concen: 9.243 ng/ul
RT: 6.634 min Scan# 637
Delta R.T. -0.000 min
Lab File: BM046949.D
Acq: 02 Aug 2024 15:01

Tgt Ion: 94 Resp: 77250
Ion Ratio Lower Upper
94 100
65 32.0 25.1 37.7
66 47.5 37.7 56.5

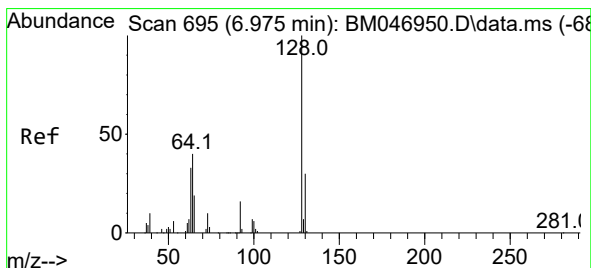
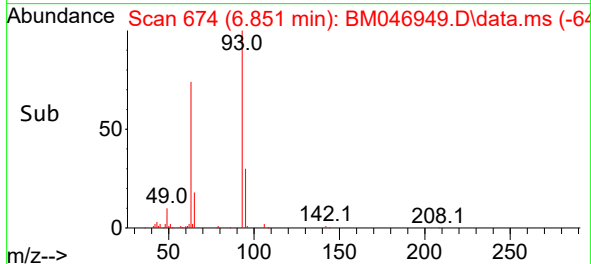
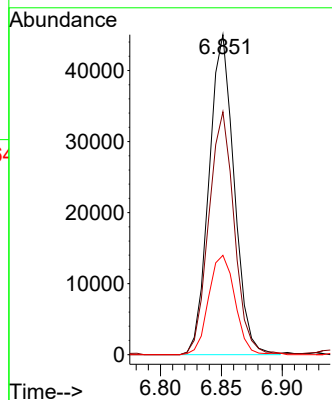
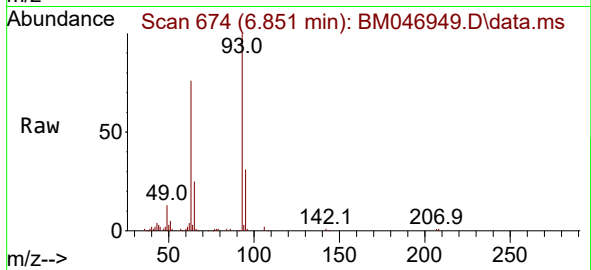




#10
Bis(2-Chloroethyl)ether
Concen: 9.896 ng/ul
RT: 6.851 min Scan# 610
Delta R.T. -0.000 min
Lab File: BM046949.D
Acq: 02 Aug 2024 15:01

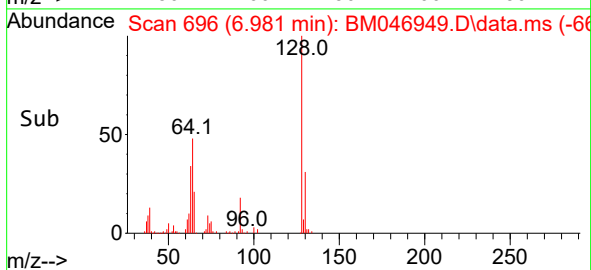
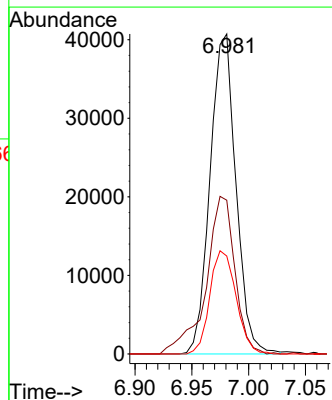
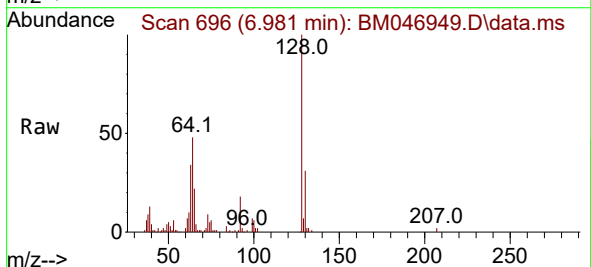
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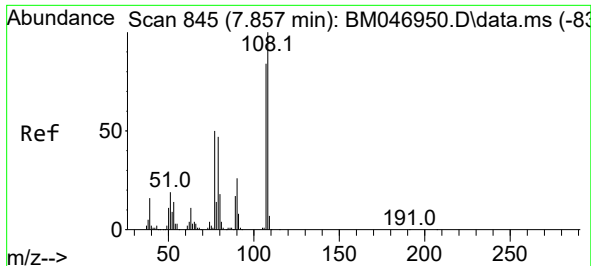
Tgt Ion: 93 Resp: 64623
Ion Ratio Lower Upper
93 100
63 75.9 59.0 88.6
95 31.1 24.0 36.0



#12
2-Chlorophenol
Concen: 10.075 ng/ul
RT: 6.981 min Scan# 696
Delta R.T. 0.006 min
Lab File: BM046949.D
Acq: 02 Aug 2024 15:01

Tgt Ion:128 Resp: 64597
Ion Ratio Lower Upper
128 100
64 48.0 37.0 55.4
130 30.6 24.1 36.1

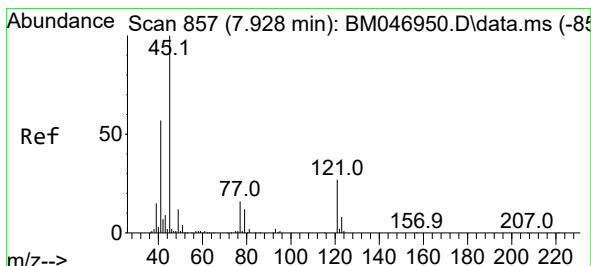
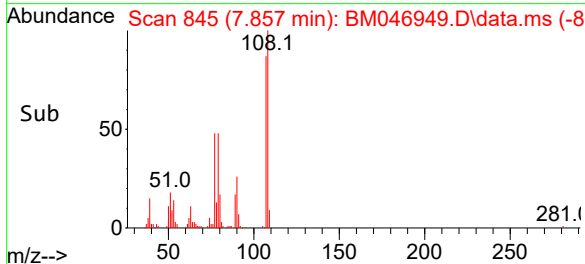
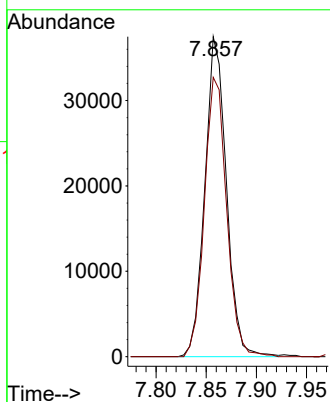
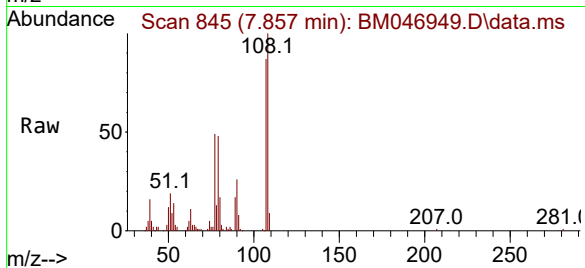




#13
2-Methylphenol
Concen: 11.221 ng/ul
RT: 7.857 min Scan# 845
Delta R.T. -0.000 min
Lab File: BM046949.D
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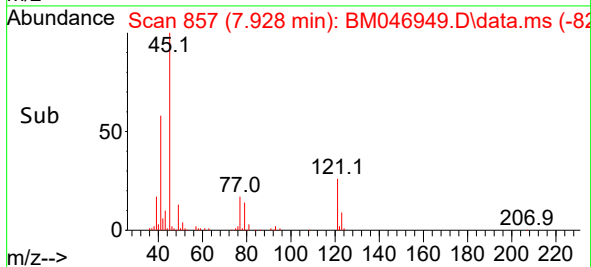
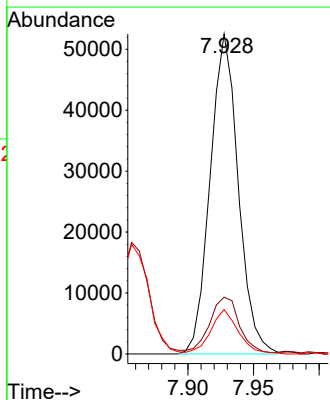
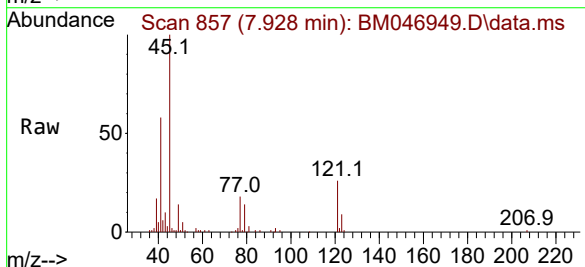
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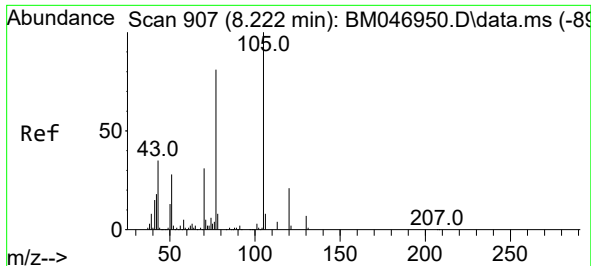
Tgt Ion:108 Resp: 56193
Ion Ratio Lower Upper
108 100
107 87.3 67.4 101.0



#14
2,2'-oxybis(1-Chloropropane)
Concen: 12.154 ng/ul
RT: 7.928 min Scan# 857
Delta R.T. -0.000 min
Lab File: BM046949.D
Acq: 02 Aug 2024 15:01

Tgt Ion: 45 Resp: 78360
Ion Ratio Lower Upper
45 100
77 17.7 13.2 19.8
79 13.8 9.8 14.6

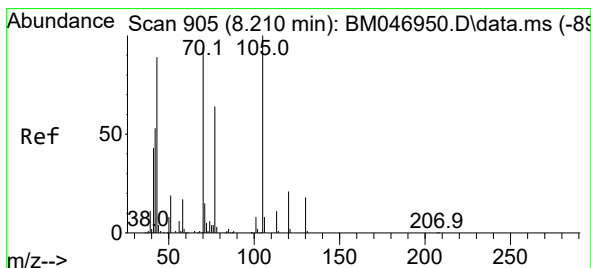
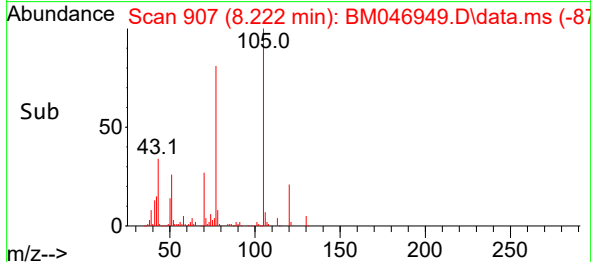
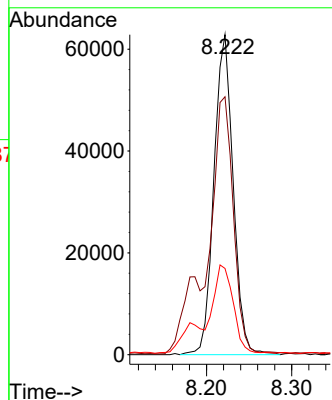
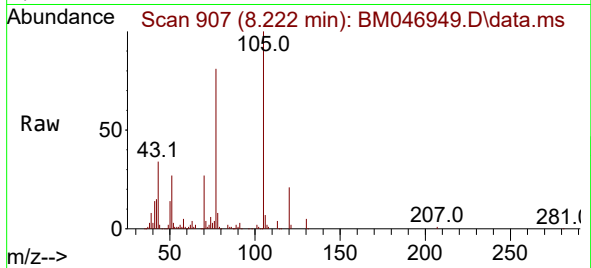




#16
Acetophenone
Concen: 11.525 ng/ul
RT: 8.222 min Scan# 907
Delta R.T. -0.000 min
Lab File: BM046949.D
Acq: 02 Aug 2024 15:01

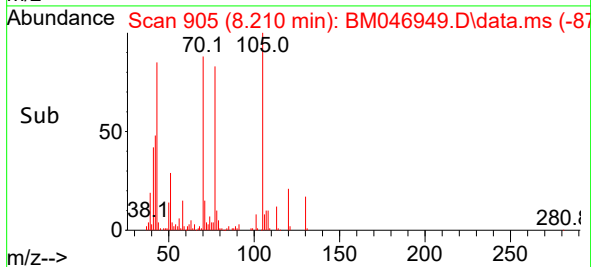
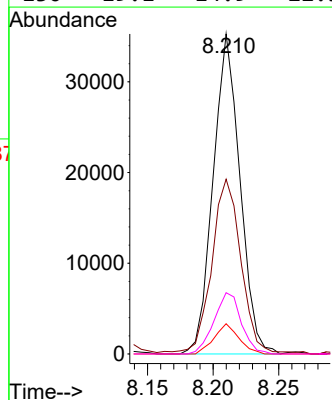
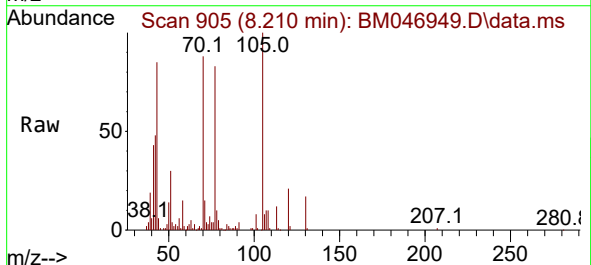
Instrument :
BNA_M
ClientSampleId :

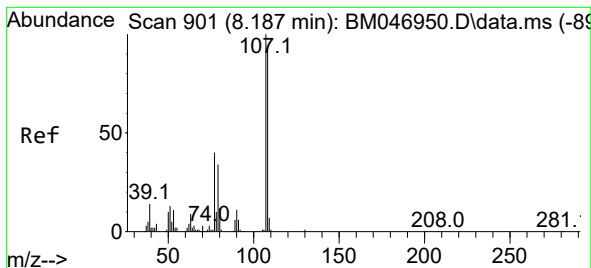
Tgt Ion:105 Resp: 98509
Ion Ratio Lower Upper
105 100
77 80.6 66.1 99.1
51 27.0 23.0 34.4



#17
N-Nitroso-di-n-propylamine
Concen: 12.742 ng/ul
RT: 8.210 min Scan# 905
Delta R.T. -0.000 min
Lab File: BM046949.D
Acq: 02 Aug 2024 15:01

Tgt Ion: 70 Resp: 50125
Ion Ratio Lower Upper
70 100
42 54.6 45.8 68.8
101 9.5 6.9 10.3
130 19.1 14.9 22.3

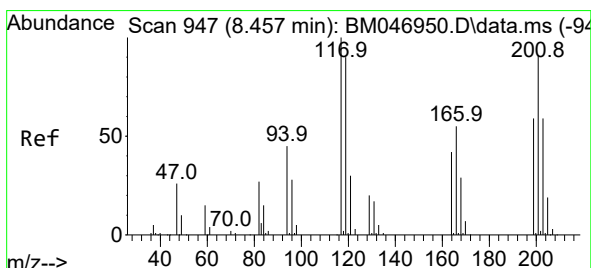
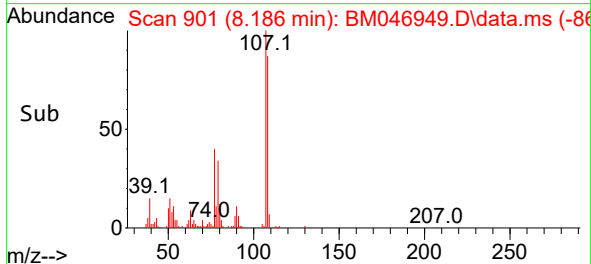
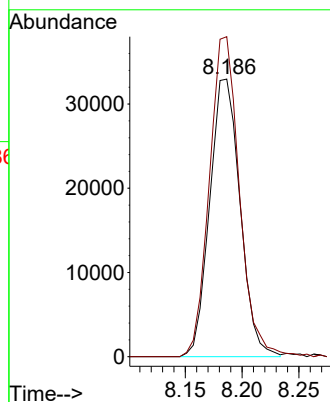
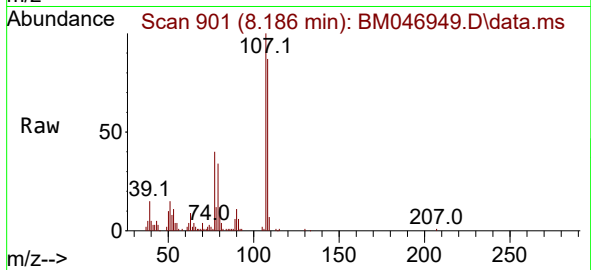




#18
4-Methylphenol
Concen: 11.331 ng/ul
RT: 8.186 min Scan# 901
Delta R.T. -0.000 min
Lab File: BM046949.D
Acq: 02 Aug 2024 15:01

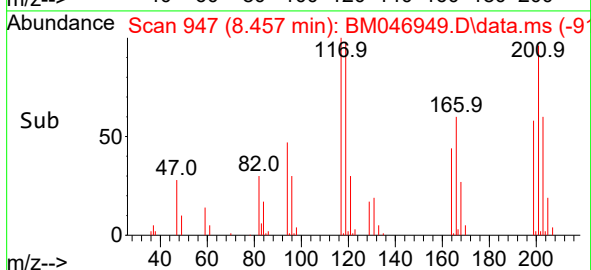
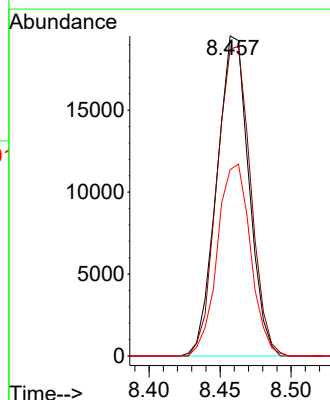
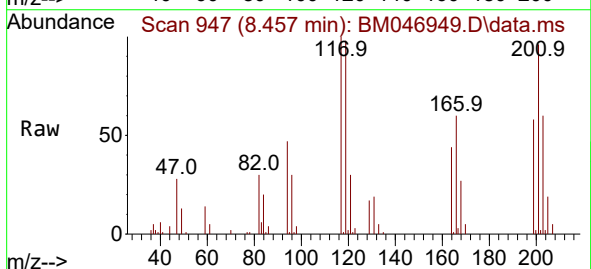
Instrument :
BNA_M
ClientSampleId :

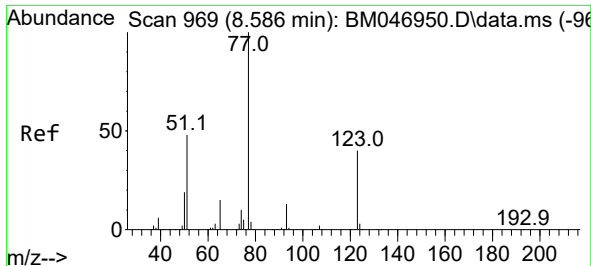
Tgt Ion:108 Resp: 61315
Ion Ratio Lower Upper
108 100
107 115.3 86.4 129.6



#19
Hexachloroethane
Concen: 11.234 ng/ul
RT: 8.457 min Scan# 947
Delta R.T. -0.000 min
Lab File: BM046949.D
Acq: 02 Aug 2024 15:01

Tgt Ion:117 Resp: 30768
Ion Ratio Lower Upper
117 100
201 95.9 72.7 109.1
199 58.2 46.9 70.3

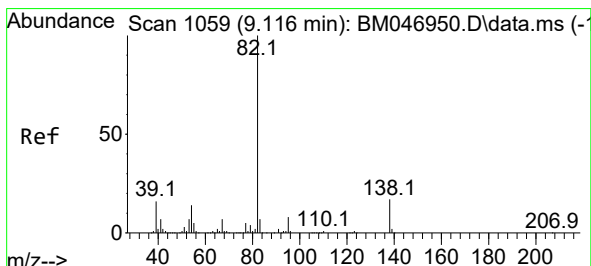
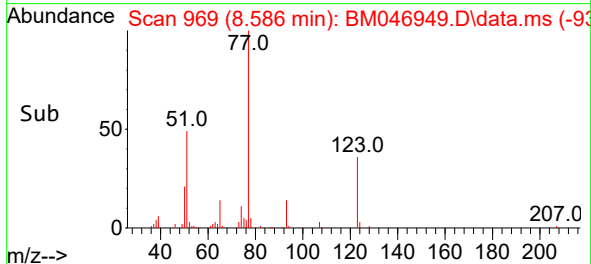
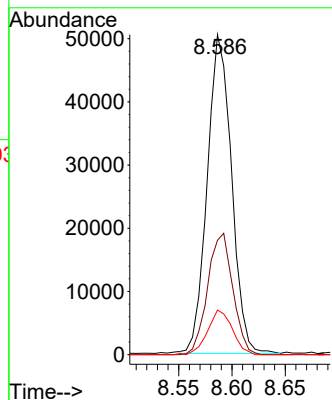
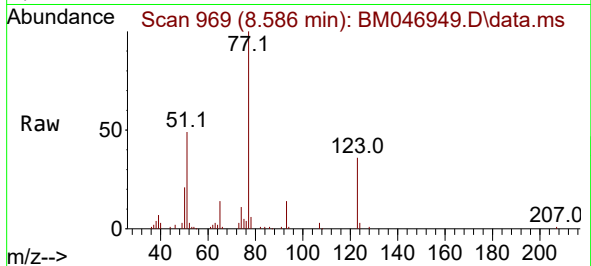




#22
Nitrobenzene
Concen: 11.705 ng/ul
RT: 8.586 min Scan# 969
Delta R.T. -0.000 min
Lab File: BM046949.D
Acq: 02 Aug 2024 15:01

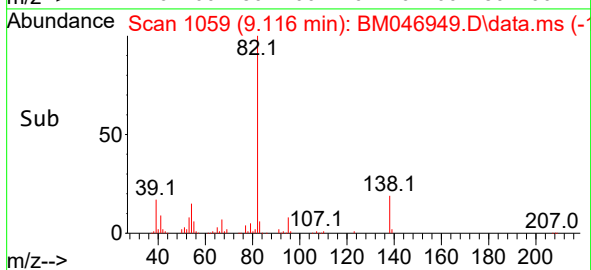
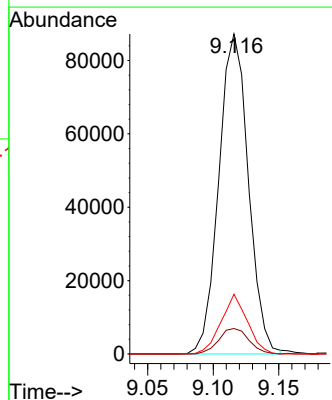
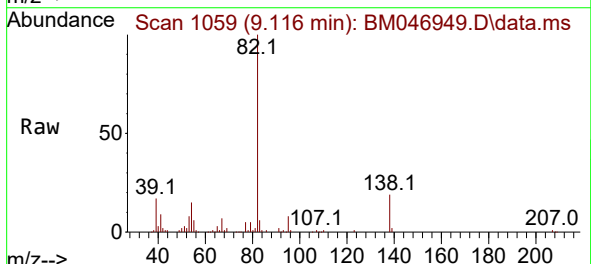
Instrument :
BNA_M
ClientSampleId :

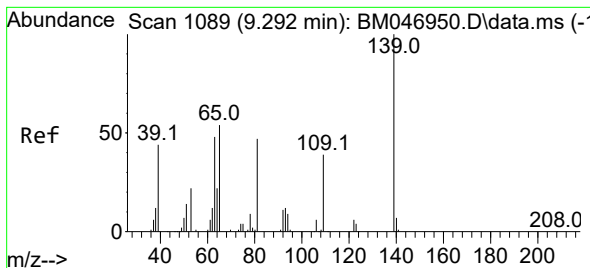
Tgt Ion: 77 Resp: 79922
Ion Ratio Lower Upper
77 100
123 35.7 31.4 47.2
65 13.9 12.1 18.1



#23
Isophorone
Concen: 10.619 ng/ul
RT: 9.116 min Scan# 1059
Delta R.T. -0.000 min
Lab File: BM046949.D
Acq: 02 Aug 2024 15:01

Tgt Ion: 82 Resp: 136508
Ion Ratio Lower Upper
82 100
95 7.9 6.4 9.6
138 18.6 13.6 20.4

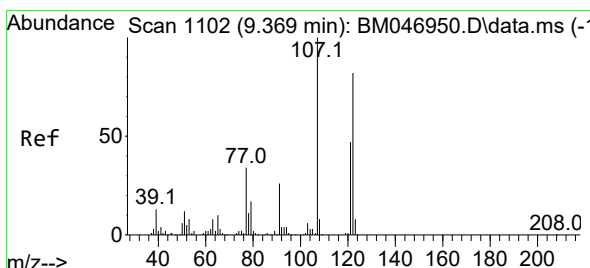
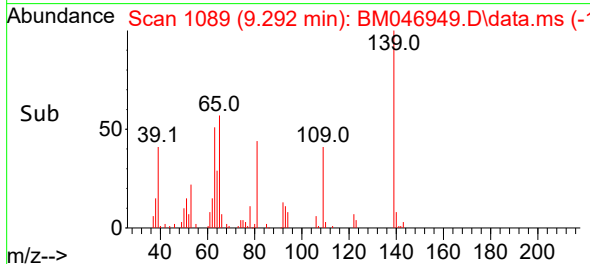
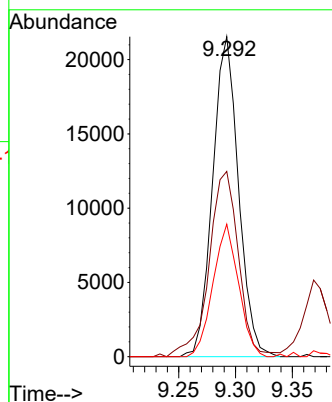
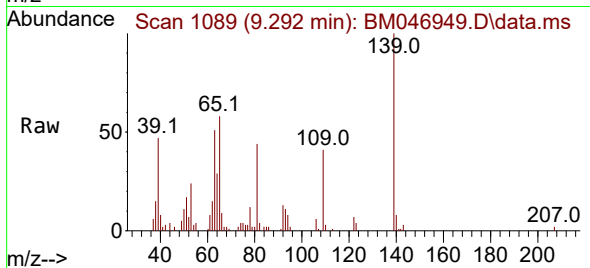




#25
2-Nitrophenol
Concen: 8.796 ng/ul
RT: 9.292 min Scan# 1089
Delta R.T. -0.000 min
Lab File: BM046949.D
Acq: 02 Aug 2024 15:01

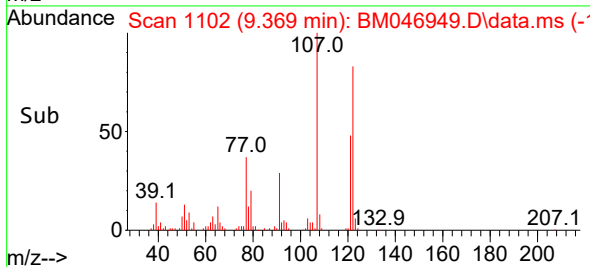
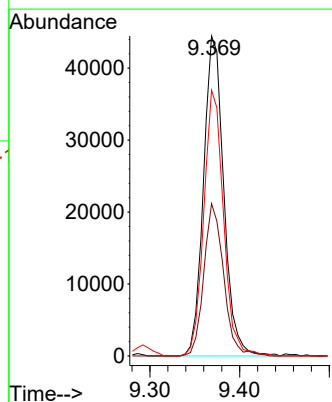
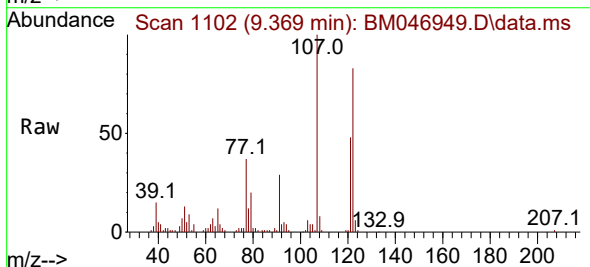
Instrument :
BNA_M
ClientSampleId :

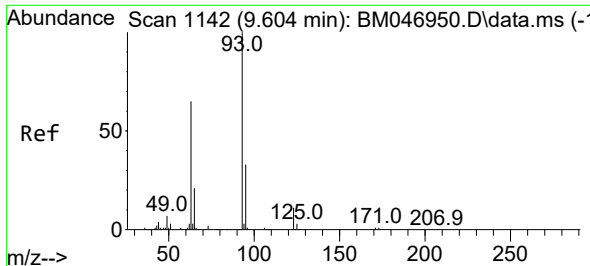
Tgt Ion	Ratio	Lower	Upper
139	100		
65	57.9	45.1	67.7
109	41.4	30.9	46.3



#26
2,4-Dimethylphenol
Concen: 9.727 ng/ul
RT: 9.369 min Scan# 1102
Delta R.T. -0.000 min
Lab File: BM046949.D
Acq: 02 Aug 2024 15:01

Tgt Ion	Ratio	Lower	Upper
107	100		
121	47.6	37.3	55.9
122	83.1	65.8	98.6

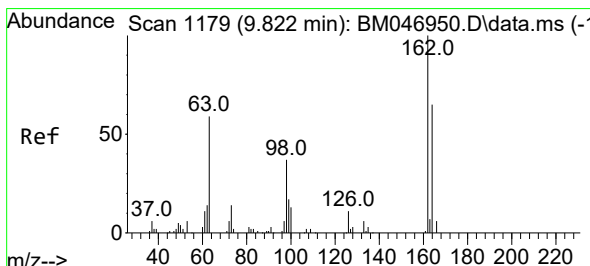
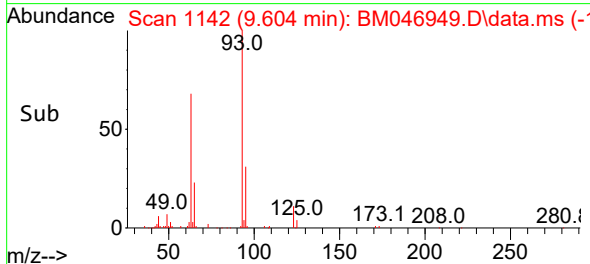
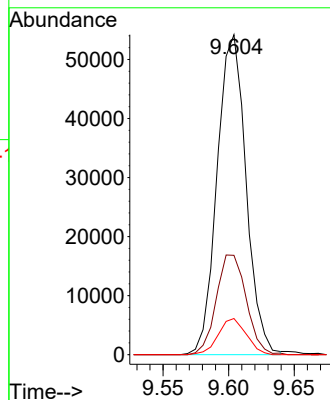
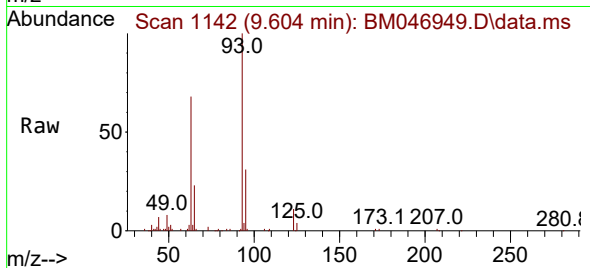




#27
 Bis(2-Chloroethoxy)methane
 Concen: 11.531 ng/ul
 RT: 9.604 min Scan# 1142
 Delta R.T. -0.000 min
 Lab File: BM046949.D
 Acq: 02 Aug 2024 15:01

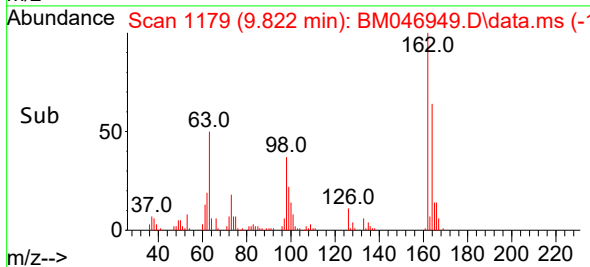
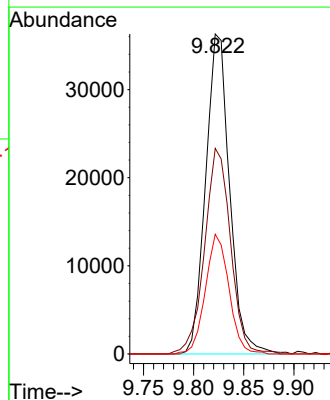
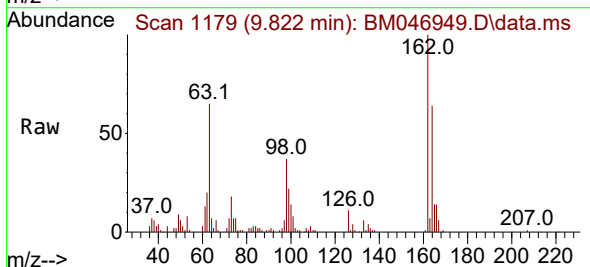
Instrument :
 BNA_M
 ClientSampleId :

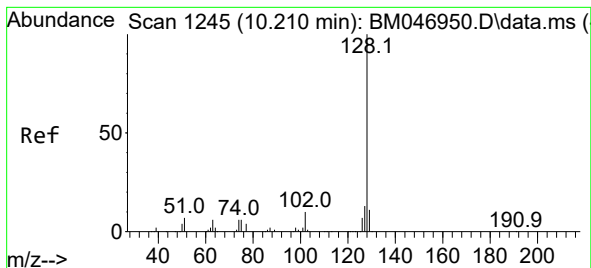
Tgt Ion: 93 Resp: 83174
 Ion Ratio Lower Upper
 93 100
 95 31.1 26.1 39.1
 123 11.3 9.1 13.7



#29
 2,4-Dichlorophenol
 Concen: 8.775 ng/ul
 RT: 9.822 min Scan# 1179
 Delta R.T. -0.000 min
 Lab File: BM046949.D
 Acq: 02 Aug 2024 15:01

Tgt Ion: 162 Resp: 60450
 Ion Ratio Lower Upper
 162 100
 164 64.3 53.3 79.9
 98 37.4 29.6 44.4

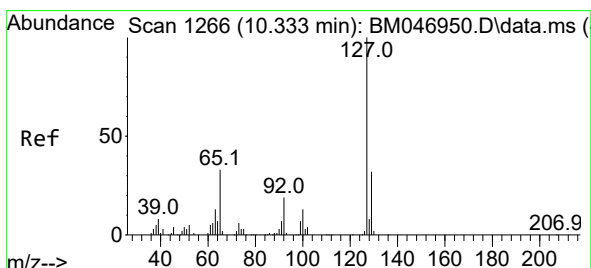
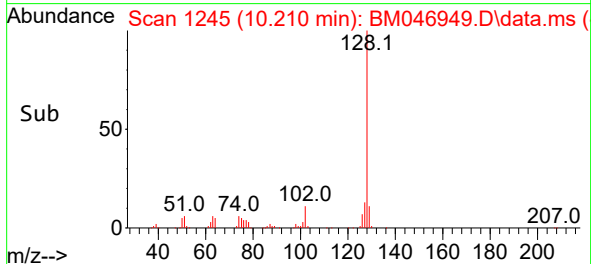
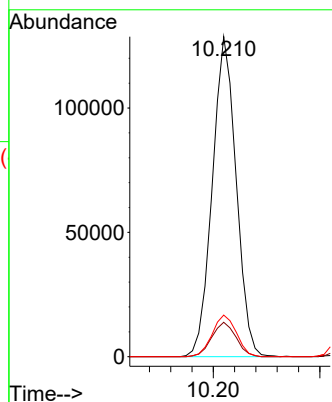
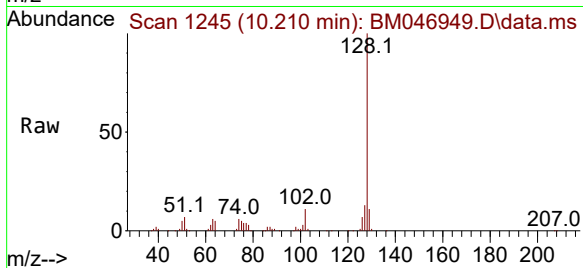




#30
Naphthalene
Concen: 11.385 ng/ul
RT: 10.210 min Scan# 1245
Delta R.T. -0.000 min
Lab File: BM046949.D
Acq: 02 Aug 2024 15:01

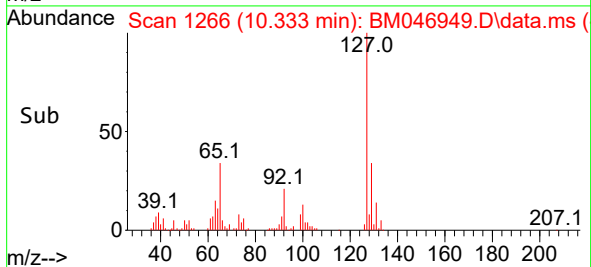
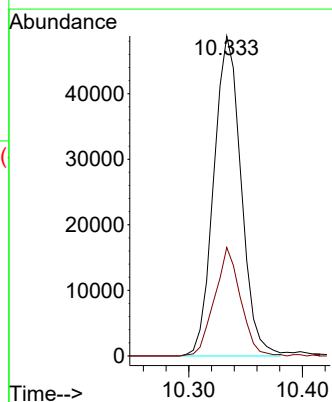
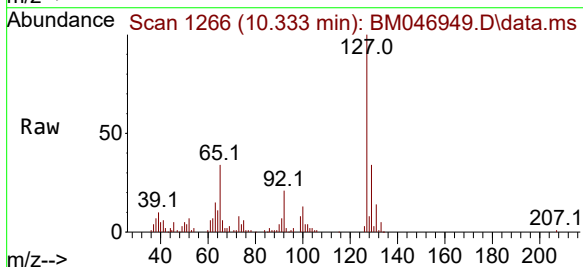
Instrument :
BNA_M
ClientSampleId :

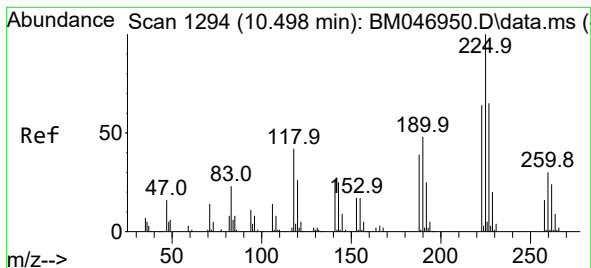
Tgt Ion:128 Resp: 200074
Ion Ratio Lower Upper
128 100
129 10.8 8.6 13.0
127 13.0 10.4 15.6



#32
4-Chloroaniline
Concen: 11.280 ng/ul
RT: 10.333 min Scan# 1266
Delta R.T. -0.000 min
Lab File: BM046949.D
Acq: 02 Aug 2024 15:01

Tgt Ion:127 Resp: 81714
Ion Ratio Lower Upper
127 100
129 33.9 25.6 38.4





#33

Hexachlorobutadiene

Concen: 8.060 ng/ul

RT: 10.504 min Scan# 1295

Delta R.T. 0.006 min

Lab File: BM046949.D

Acq: 02 Aug 2024 15:01

Instrument :

BNA_M

ClientSampleId :

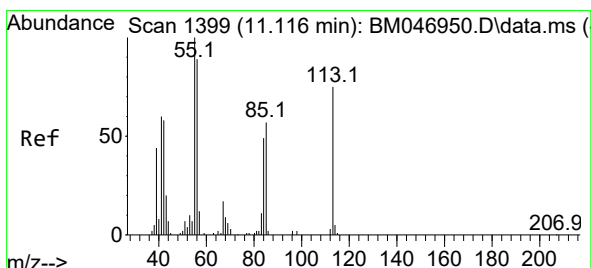
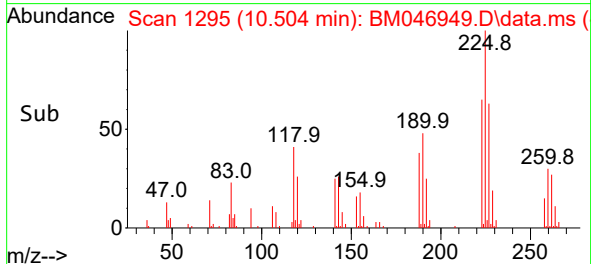
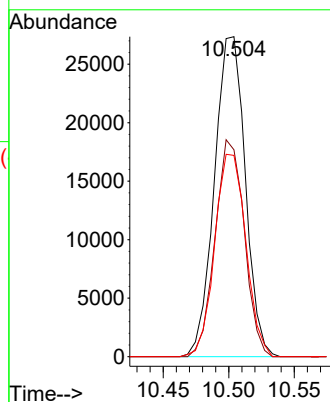
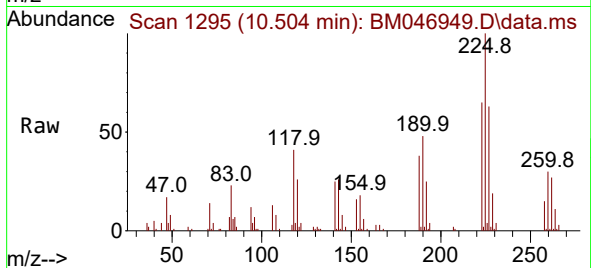
Tgt Ion:225 Resp: 44771

Ion Ratio Lower Upper

225 100

223 64.7 51.0 76.6

227 62.9 52.3 78.5



#34

Caprolactam

Concen: 9.244 ng/ul

RT: 11.116 min Scan# 1399

Delta R.T. -0.000 min

Lab File: BM046949.D

Acq: 02 Aug 2024 15:01

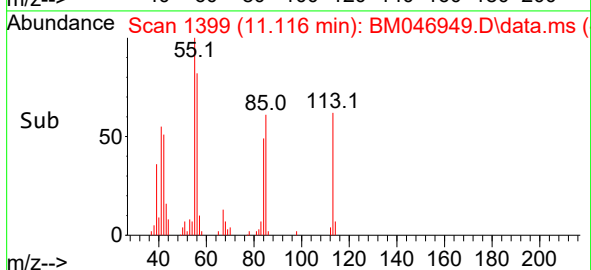
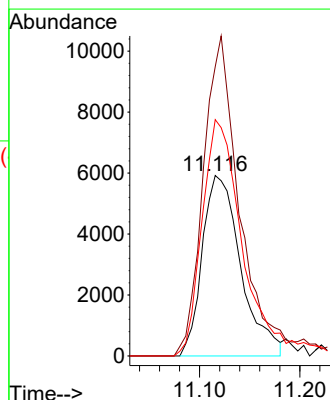
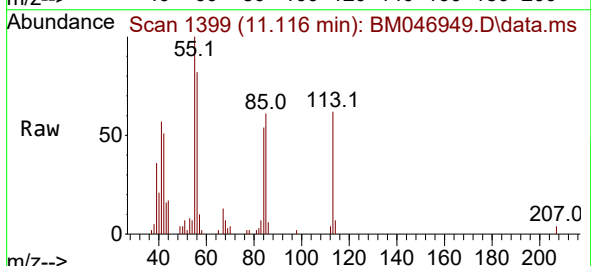
Tgt Ion:113 Resp: 15824

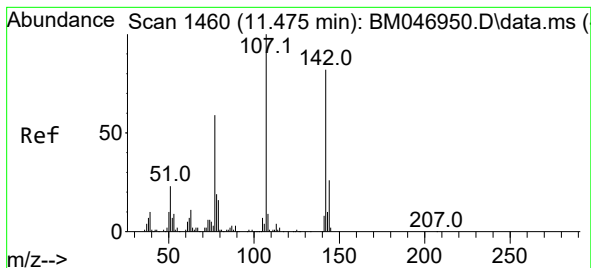
Ion Ratio Lower Upper

113 100

55 160.2 106.3 159.5#

56 130.9 94.6 141.8

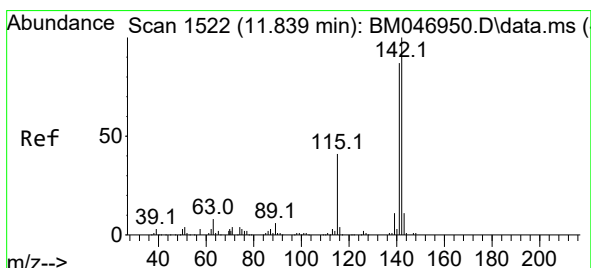
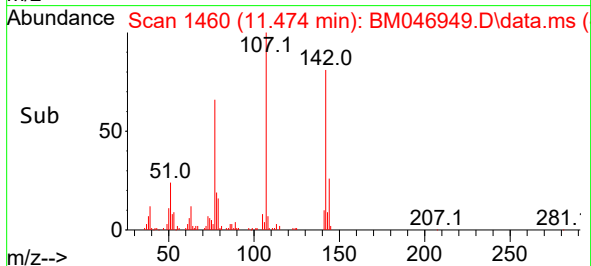
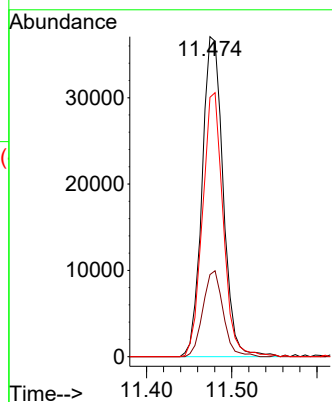
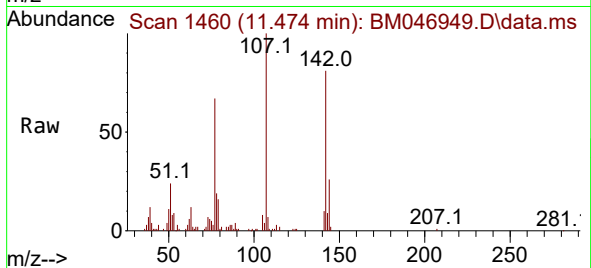




#35
4-Chloro-3-methylphenol
Concen: 11.296 ng/ul
RT: 11.474 min Scan# 1460
Delta R.T. -0.000 min
Lab File: BM046949.D
Acq: 02 Aug 2024 15:01

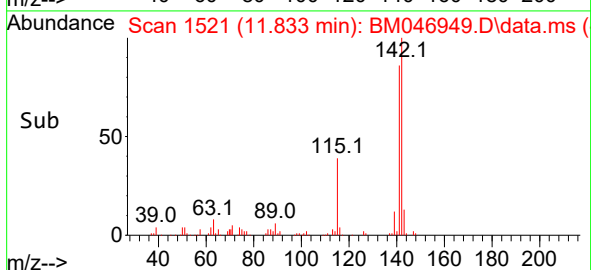
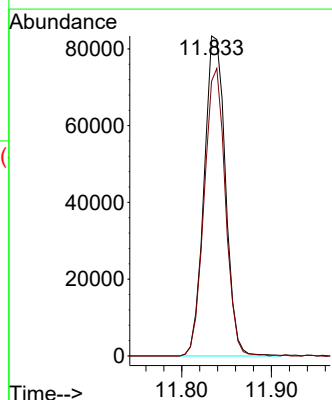
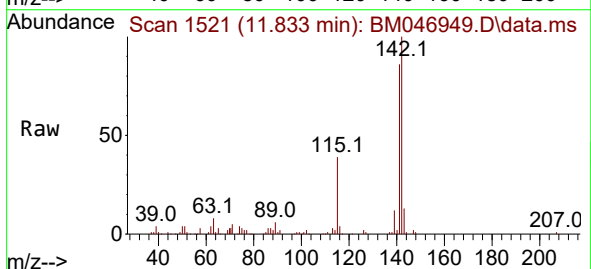
Instrument :
BNA_M
ClientSampleId :

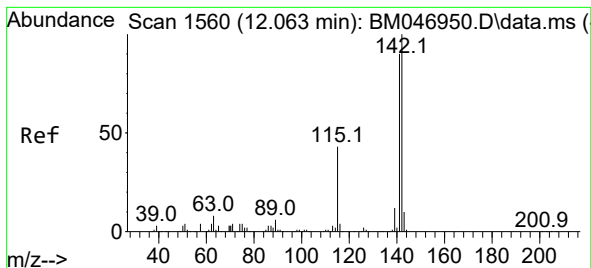
Tgt Ion:107 Resp: 63748
Ion Ratio Lower Upper
107 100
144 25.7 21.1 31.7
142 81.1 65.3 97.9



#36
2-Methylnaphthalene
Concen: 9.141 ng/ul
RT: 11.833 min Scan# 1521
Delta R.T. -0.006 min
Lab File: BM046949.D
Acq: 02 Aug 2024 15:01

Tgt Ion:142 Resp: 137387
Ion Ratio Lower Upper
142 100
141 85.8 69.9 104.9





#37

1-Methylnaphthalene

Concen: 9.374 ng/ul

RT: 12.063 min Scan# 1

Delta R.T. -0.000 min

Lab File: BM046949.D

Acq: 02 Aug 2024 15:01

Instrument :

BNA_M

ClientSampleId :

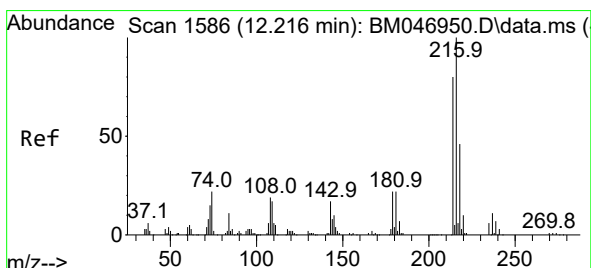
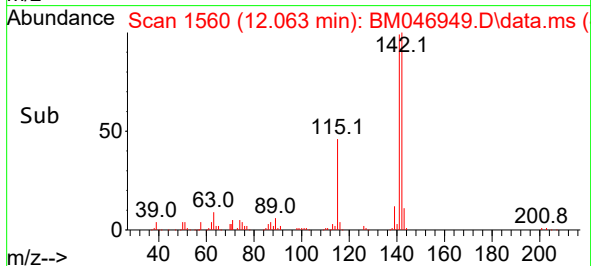
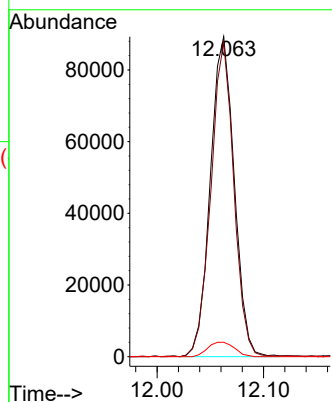
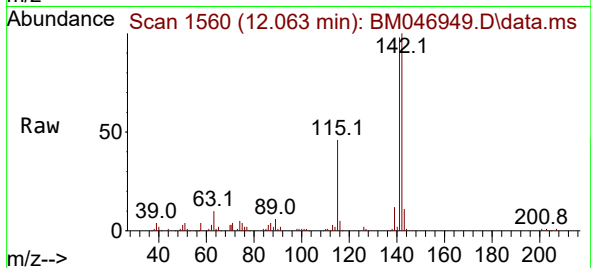
Tgt Ion:142 Resp: 139157

Ion Ratio Lower Upper

142 100

141 98.2 72.0 108.0

116 4.5 3.6 5.4



#39

1,2,4,5-Tetrachlorobenzene

Concen: 8.791 ng/ul

RT: 12.216 min Scan# 1586

Delta R.T. -0.000 min

Lab File: BM046949.D

Acq: 02 Aug 2024 15:01

Tgt Ion:216 Resp: 77175

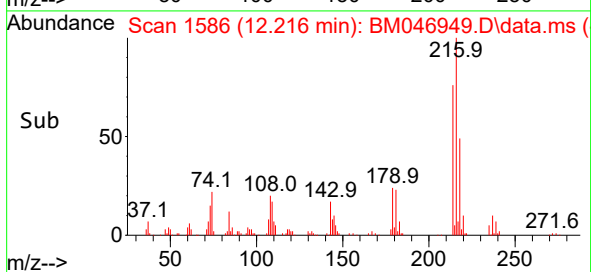
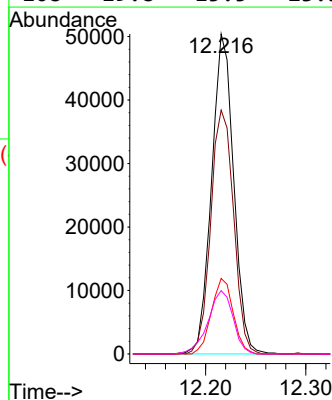
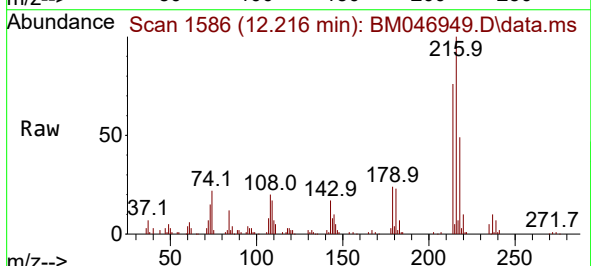
Ion Ratio Lower Upper

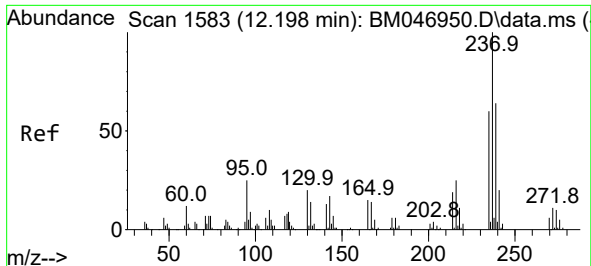
216 100

214 76.2 63.7 95.5

179 23.6 17.3 25.9

108 19.8 15.5 23.3

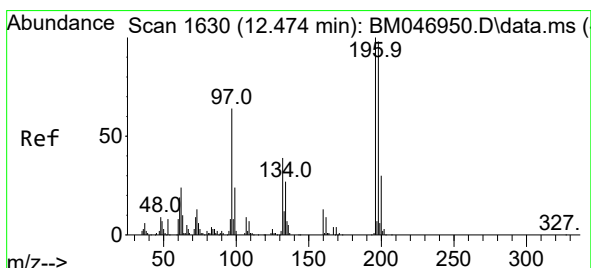
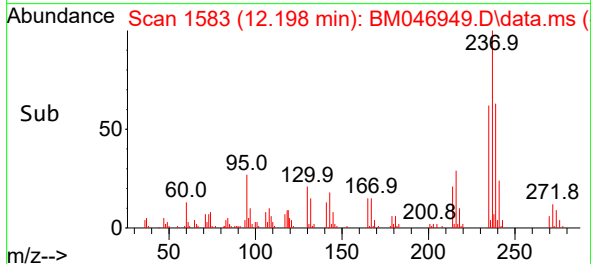
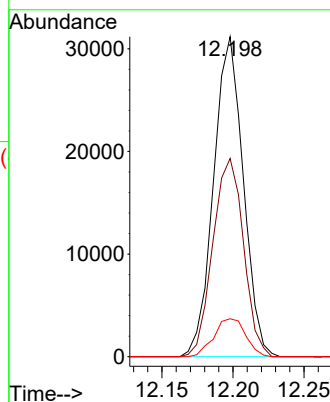
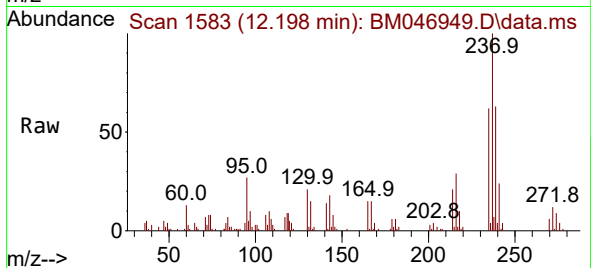




#40
Hexachlorocyclopentadiene
Concen: 8.792 ng/ul
RT: 12.198 min Scan# 1583
Delta R.T. -0.000 min
Lab File: BM046949.D
Acq: 02 Aug 2024 15:01

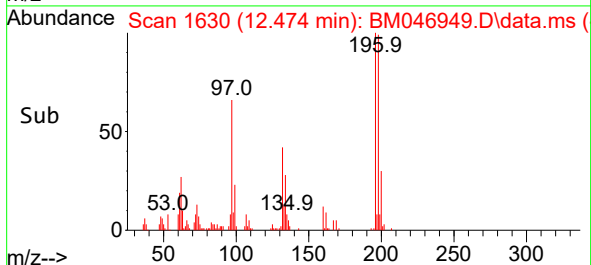
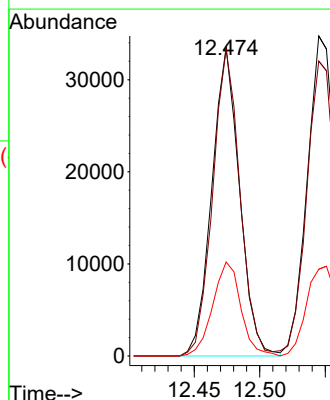
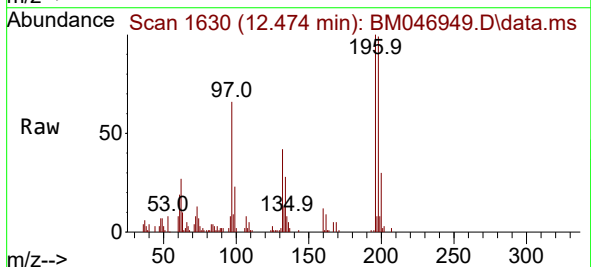
Instrument :
BNA_M
ClientSampleId :

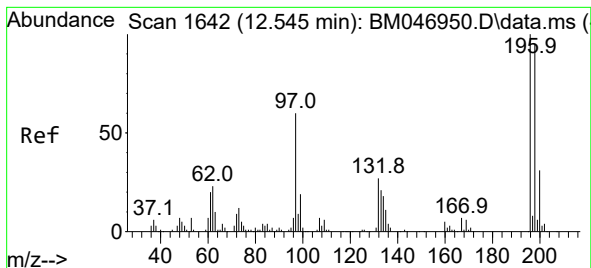
Tgt Ion:237 Resp: 45263
Ion Ratio Lower Upper
237 100
235 62.0 48.4 72.6
272 12.4 8.8 13.2



#41
2,4,6-Trichlorophenol
Concen: 8.988 ng/ul
RT: 12.474 min Scan# 1630
Delta R.T. -0.000 min
Lab File: BM046949.D
Acq: 02 Aug 2024 15:01

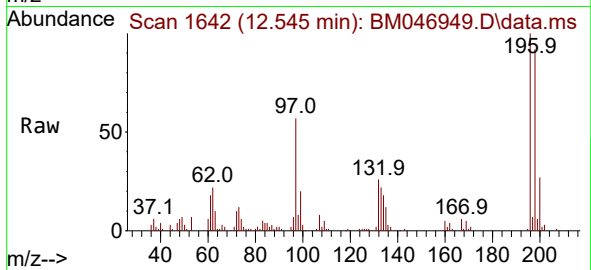
Tgt Ion:196 Resp: 49121
Ion Ratio Lower Upper
196 100
198 99.3 78.7 118.1
200 30.4 23.9 35.9



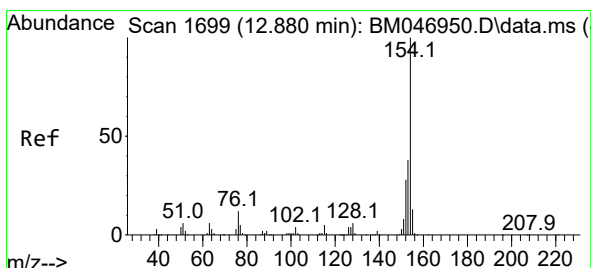
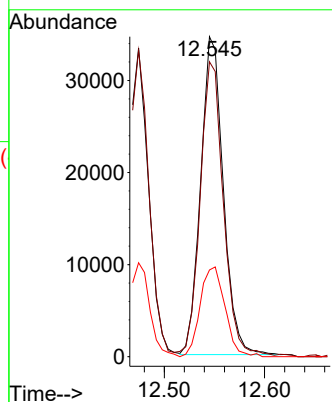
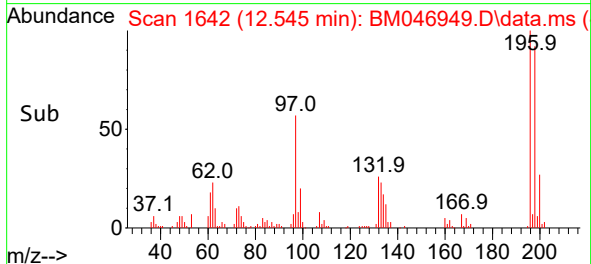


#42
2,4,5-Trichlorophenol
Concen: 9.267 ng/ul
RT: 12.545 min Scan# 1642
Delta R.T. -0.000 min
Lab File: BM046949.D
Acq: 02 Aug 2024 15:01

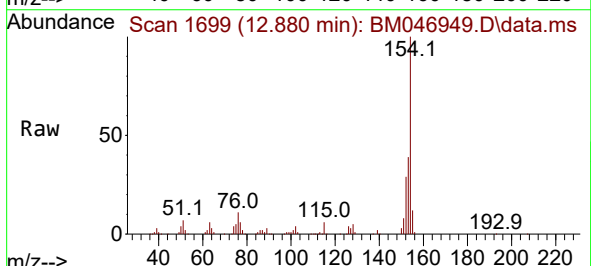
Instrument :
BNA_M
ClientSampleId :



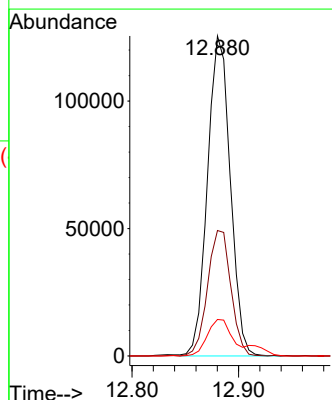
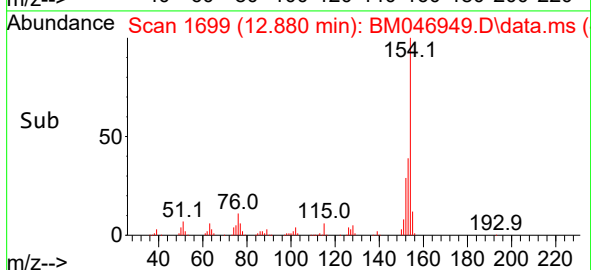
Tgt Ion:196 Resp: 54345
Ion Ratio Lower Upper
196 100
198 92.2 76.2 114.2
200 27.1 25.0 37.6

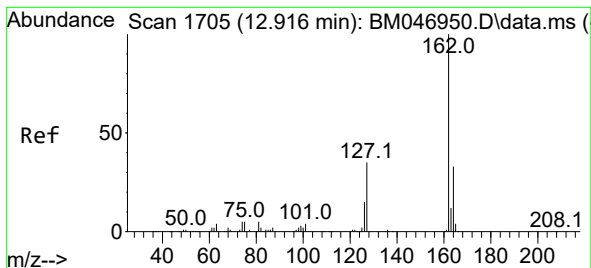


#43
1,1'-Biphenyl
Concen: 10.749 ng/ul
RT: 12.880 min Scan# 1699
Delta R.T. -0.000 min
Lab File: BM046949.D
Acq: 02 Aug 2024 15:01



Tgt Ion:154 Resp: 186890
Ion Ratio Lower Upper
154 100
153 39.2 30.7 46.1
76 11.4 9.3 13.9





#44

2-Chloronaphthalene

Concen: 10.560 ng/ul

RT: 12.916 min Scan# 1705

Delta R.T. -0.000 min

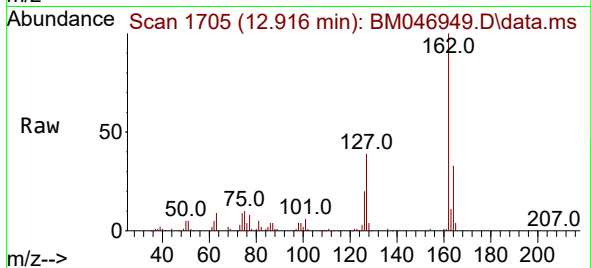
Lab File: BM046949.D

Acq: 02 Aug 2024 15:01

Instrument :

BNA_M

ClientSampleId :



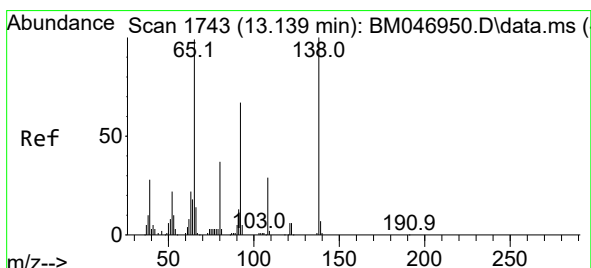
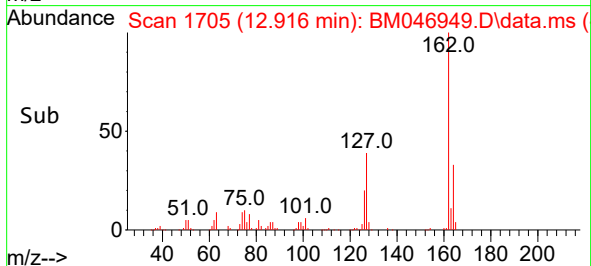
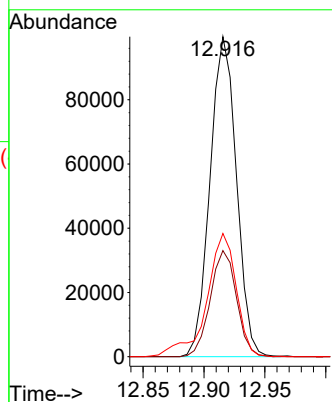
Tgt Ion:162 Resp: 150200

Ion Ratio Lower Upper

162 100

164 33.2 26.5 39.7

127 38.5 30.6 45.8



#45

2-Nitroaniline

Concen: 11.643 ng/ul

RT: 13.139 min Scan# 1743

Delta R.T. -0.000 min

Lab File: BM046949.D

Acq: 02 Aug 2024 15:01

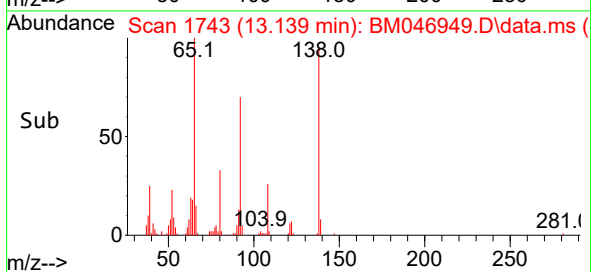
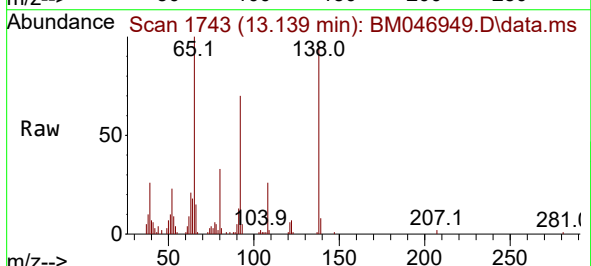
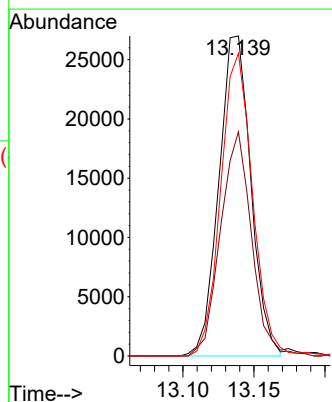
Tgt Ion: 65 Resp: 42323

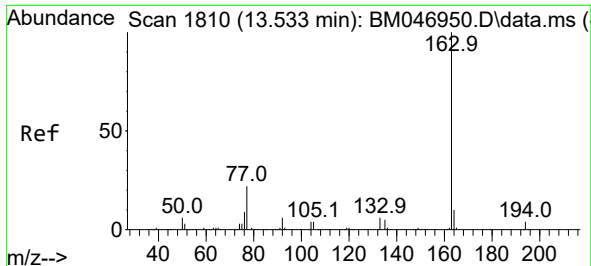
Ion Ratio Lower Upper

65 100

92 70.1 54.0 81.0

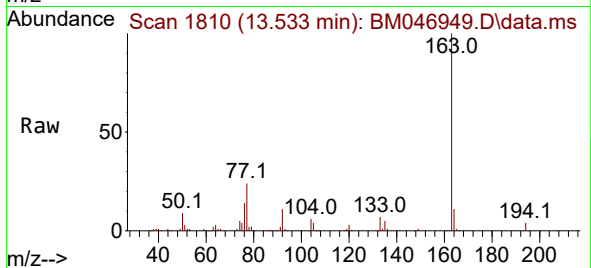
138 94.6 81.0 121.4



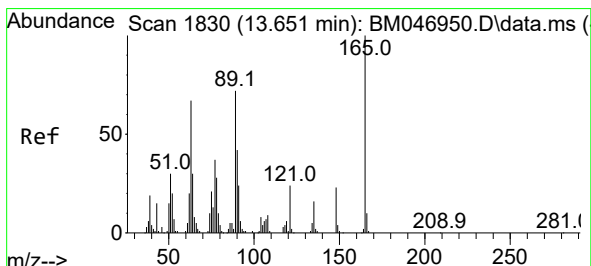
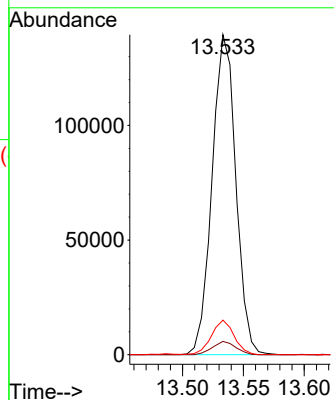
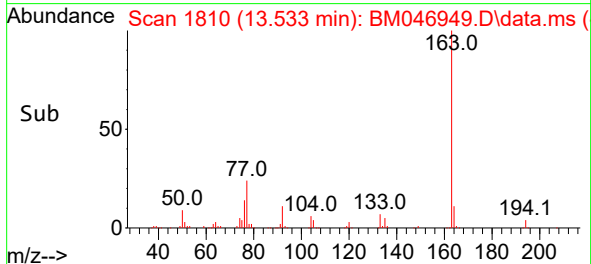


#47
Dimethylphthalate
Concen: 11.144 ng/ul
RT: 13.533 min Scan# 1810
Delta R.T. -0.000 min
Lab File: BM046949.D
Acq: 02 Aug 2024 15:01

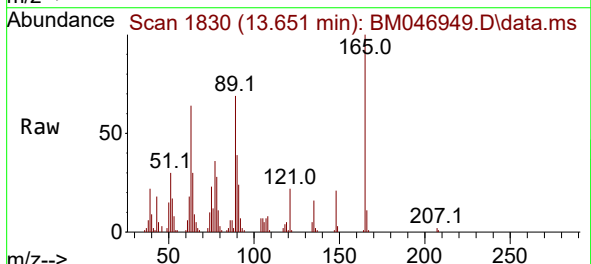
Instrument :
BNA_M
ClientSampleId :



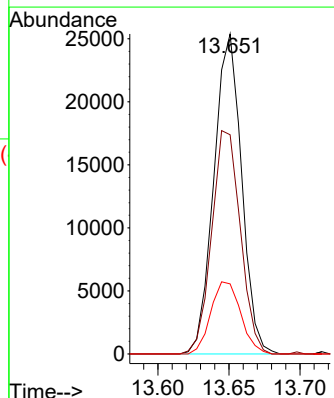
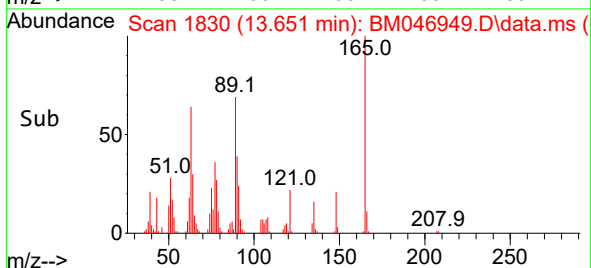
Tgt Ion:163 Resp: 189830
Ion Ratio Lower Upper
163 100
194 4.2 3.3 4.9
164 10.8 8.1 12.1

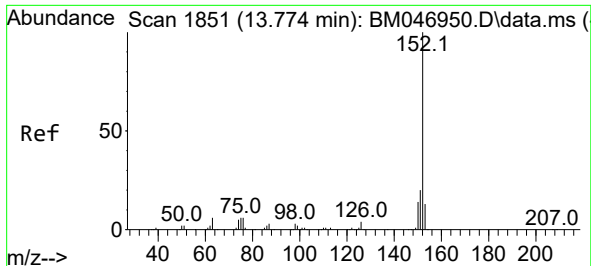


#48
2,6-Dinitrotoluene
Concen: 10.007 ng/ul
RT: 13.651 min Scan# 1830
Delta R.T. -0.000 min
Lab File: BM046949.D
Acq: 02 Aug 2024 15:01



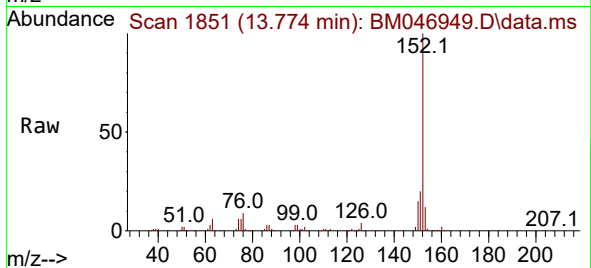
Tgt Ion:165 Resp: 34476
Ion Ratio Lower Upper
165 100
89 68.5 57.8 86.8
121 21.9 19.4 29.0



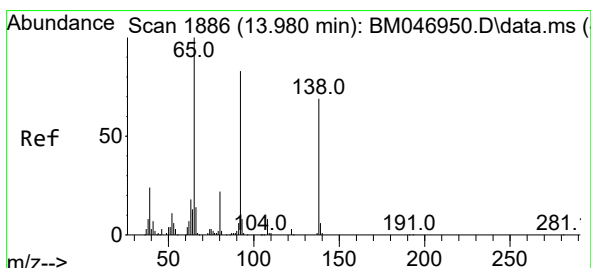
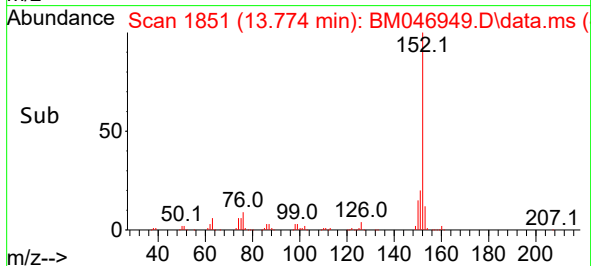
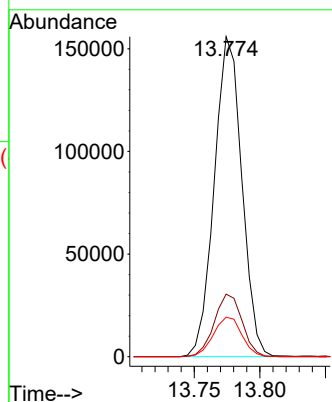


#50
Acenaphthylene
Concen: 11.712 ng/ul
RT: 13.774 min Scan# 1851
Delta R.T. -0.000 min
Lab File: BM046949.D
Acq: 02 Aug 2024 15:01

Instrument :
BNA_M
ClientSampleId :

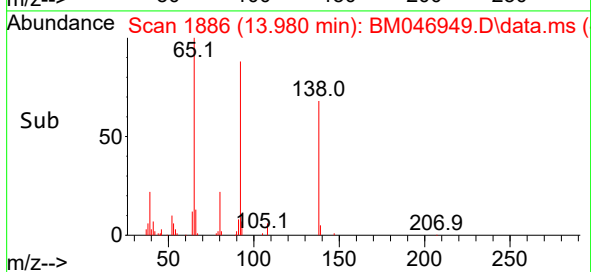
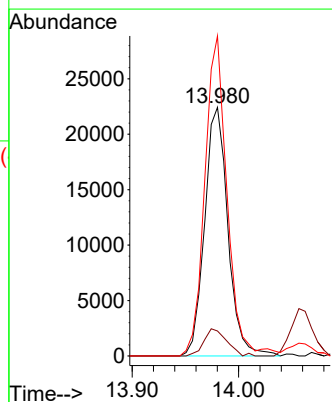
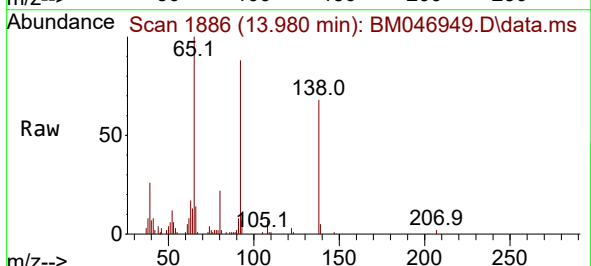


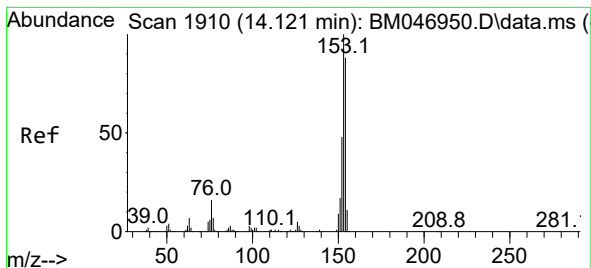
Tgt Ion:152 Resp: 227562
Ion Ratio Lower Upper
152 100
151 19.6 15.7 23.5
153 12.4 10.1 15.1



#51
3-Nitroaniline
Concen: 10.111 ng/ul
RT: 13.980 min Scan# 1886
Delta R.T. -0.000 min
Lab File: BM046949.D
Acq: 02 Aug 2024 15:01

Tgt Ion:138 Resp: 34104
Ion Ratio Lower Upper
138 100
108 10.0 9.4 14.2
92 128.7 96.6 144.8





#52

Acenaphthene

Concen: 11.469 ng/ul

RT: 14.121 min Scan# 1910

Delta R.T. -0.000 min

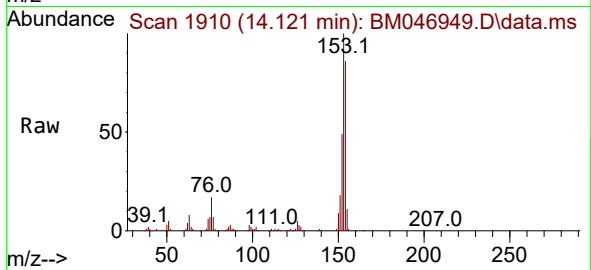
Lab File: BM046949.D

Acq: 02 Aug 2024 15:01

Instrument :

BNA_M

ClientSampleId :



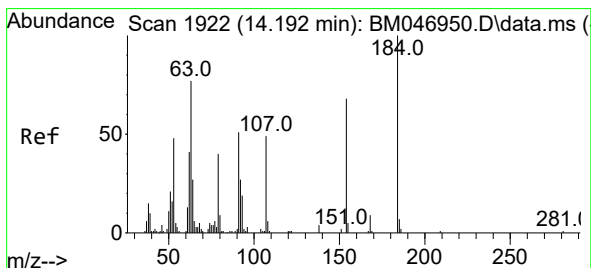
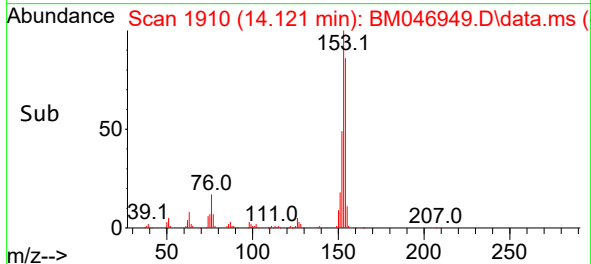
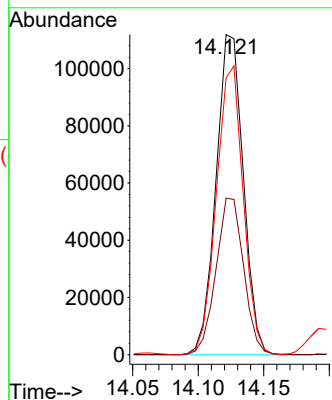
Tgt Ion:153 Resp: 161993

Ion Ratio Lower Upper

153 100

152 48.9 38.2 57.2

154 86.5 70.1 105.1



#53

2,4-Dinitrophenol

Concen: 8.041 ng/ul

RT: 14.192 min Scan# 1922

Delta R.T. -0.000 min

Lab File: BM046949.D

Acq: 02 Aug 2024 15:01

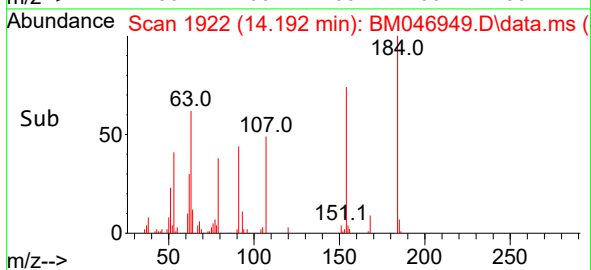
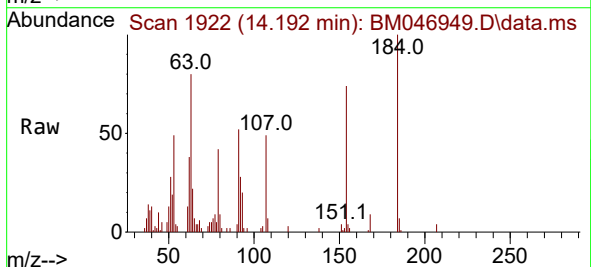
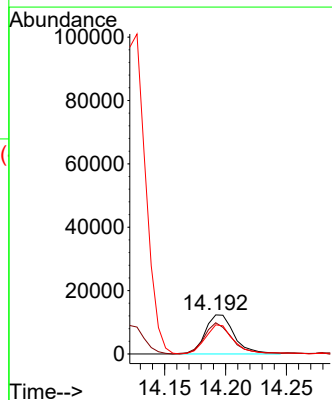
Tgt Ion:184 Resp: 20348

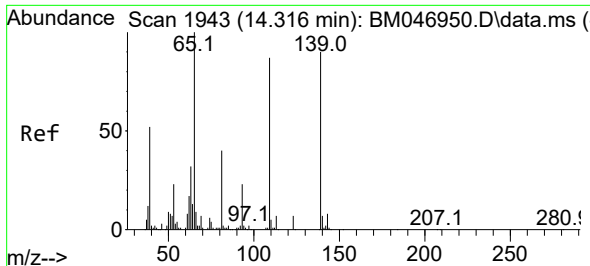
Ion Ratio Lower Upper

184 100

63 79.9 61.9 92.9

154 74.4 55.6 83.4

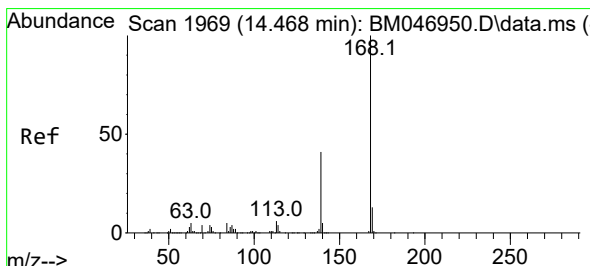
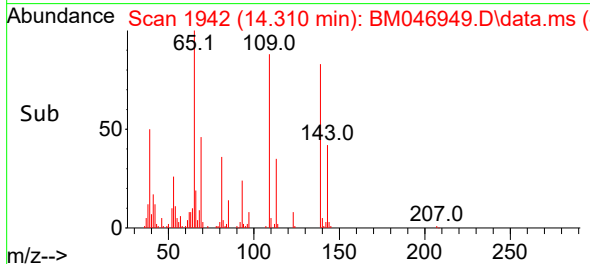
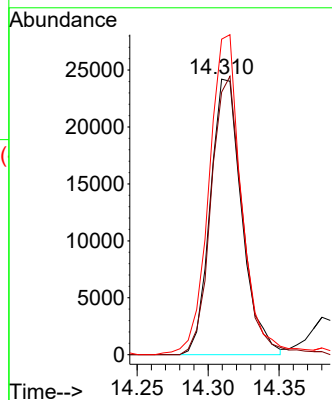
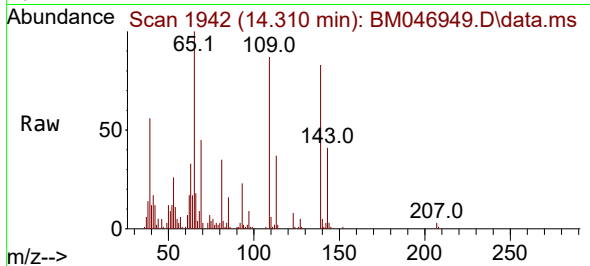




#55
4-Nitrophenol
Concen: 9.699 ng/ul
RT: 14.310 min Scan# 1943
Delta R.T. -0.006 min
Lab File: BM046949.D
Acq: 02 Aug 2024 15:01

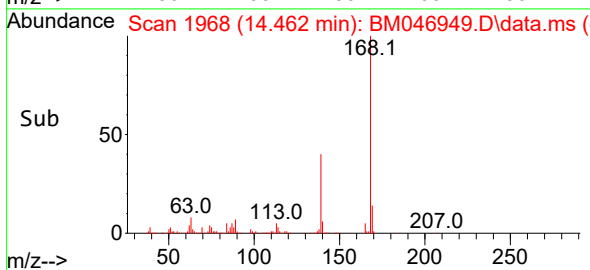
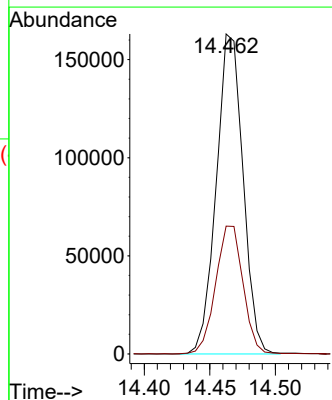
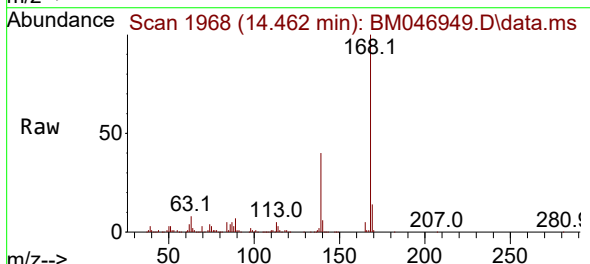
Instrument :
BNA_M
ClientSampleId :

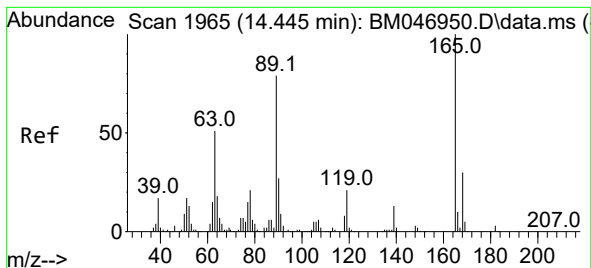
Tgt Ion:109 Resp: 37356
Ion Ratio Lower Upper
109 100
139 95.3 82.3 123.5
65 114.5 92.6 139.0



#56
Dibenzofuran
Concen: 10.770 ng/ul
RT: 14.462 min Scan# 1968
Delta R.T. -0.006 min
Lab File: BM046949.D
Acq: 02 Aug 2024 15:01

Tgt Ion:168 Resp: 231281
Ion Ratio Lower Upper
168 100
139 40.0 33.0 49.4

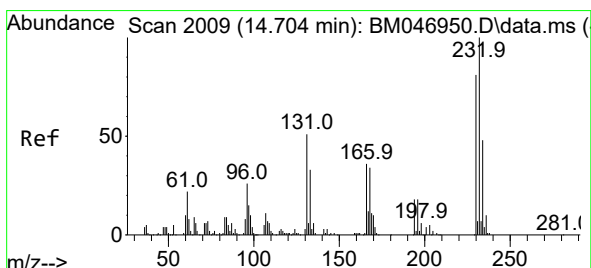
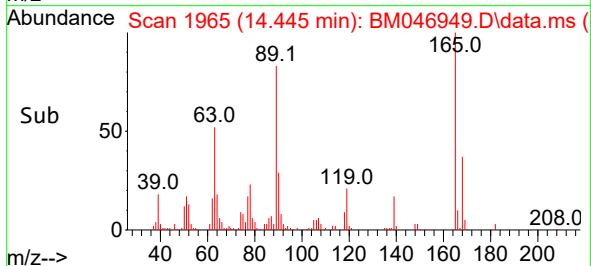
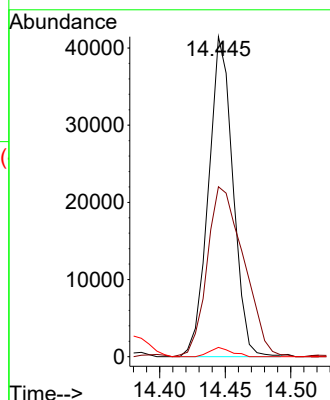
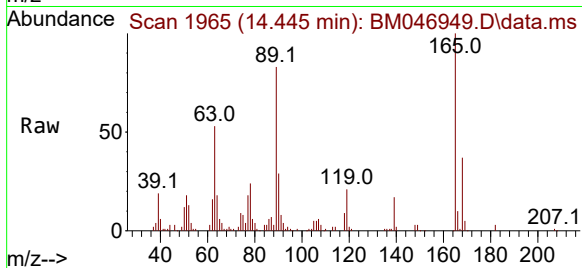




#57
2,4-Dinitrotoluene
Concen: 10.298 ng/ul
RT: 14.445 min Scan# 1965
Delta R.T. -0.000 min
Lab File: BM046949.D
Acq: 02 Aug 2024 15:01

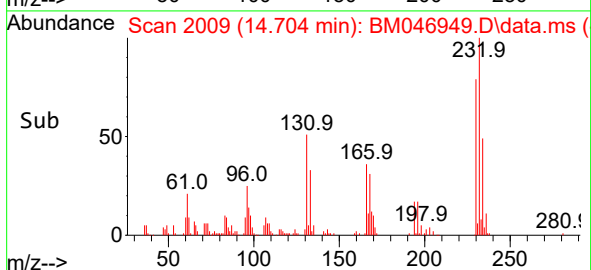
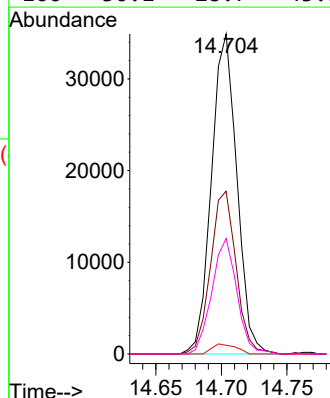
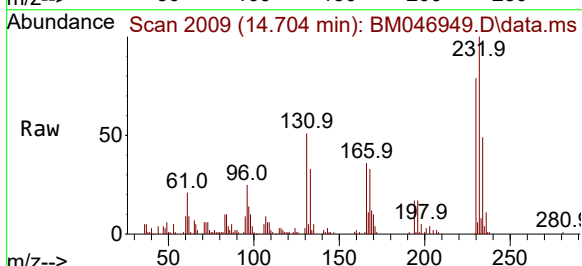
Instrument :
BNA_M
ClientSampleId :

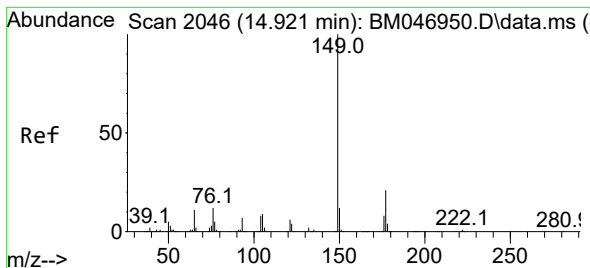
Tgt Ion	Ratio	Lower	Upper
165	100		
63	53.1	41.4	62.0
182	2.9	2.2	3.2



#58
2,3,4,6-Tetrachlorophenol
Concen: 9.235 ng/ul
RT: 14.704 min Scan# 2009
Delta R.T. -0.000 min
Lab File: BM046949.D
Acq: 02 Aug 2024 15:01

Tgt Ion	Ratio	Lower	Upper
232	100		
131	50.9	40.8	61.2
130	2.7	2.6	3.8
166	36.1	28.7	43.1

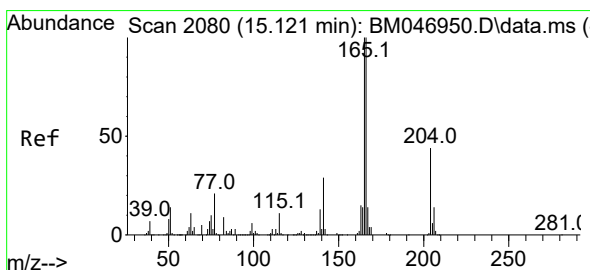
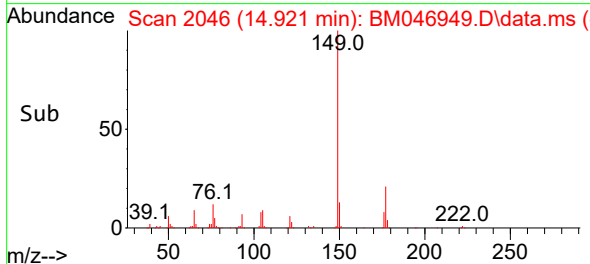
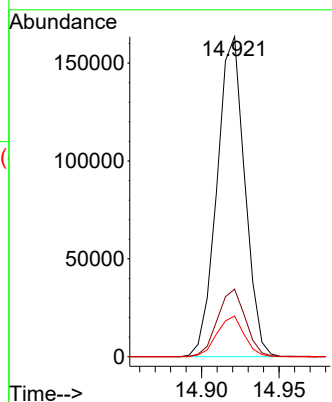
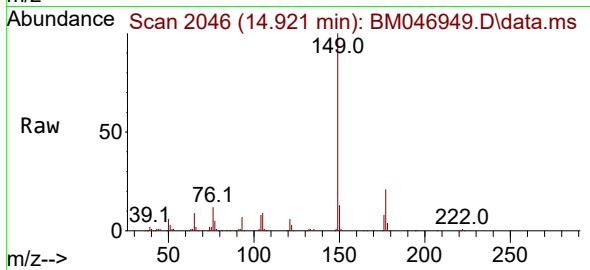




#59
Diethylphthalate
Concen: 11.390 ng/ul
RT: 14.921 min Scan# 2046
Delta R.T. -0.000 min
Lab File: BM046949.D
Acq: 02 Aug 2024 15:01

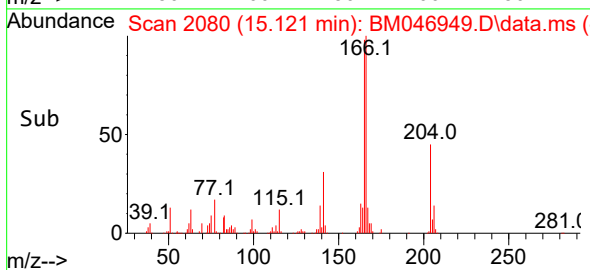
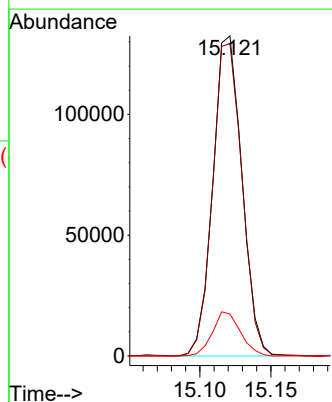
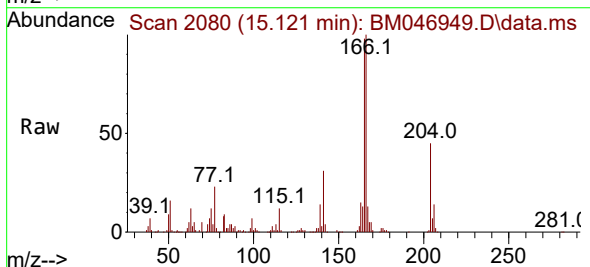
Instrument :
BNA_M
ClientSampleId :

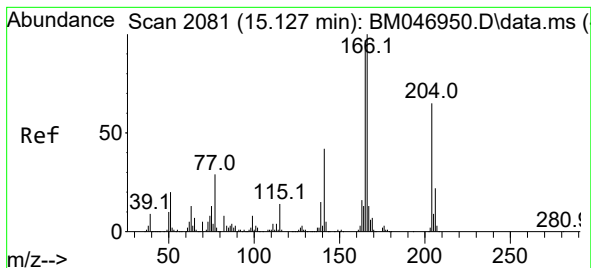
Tgt Ion:149 Resp: 204505
Ion Ratio Lower Upper
149 100
177 21.1 16.5 24.7
150 12.7 9.7 14.5



#61
Fluorene
Concen: 10.589 ng/ul
RT: 15.121 min Scan# 2080
Delta R.T. -0.000 min
Lab File: BM046949.D
Acq: 02 Aug 2024 15:01

Tgt Ion:166 Resp: 188754
Ion Ratio Lower Upper
166 100
165 97.7 79.5 119.3
167 13.1 11.5 17.3

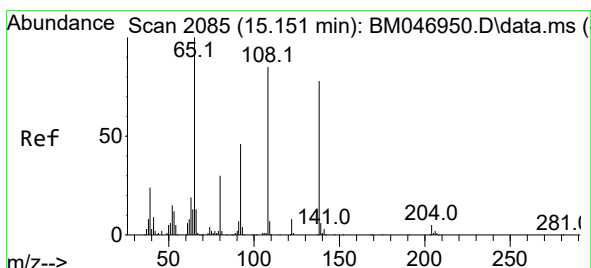
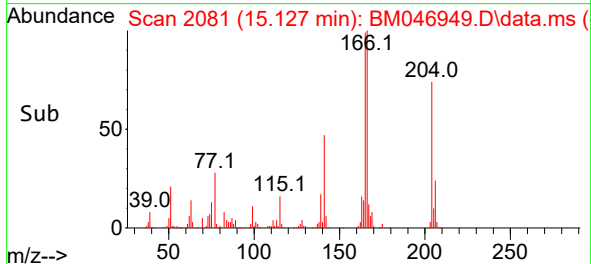
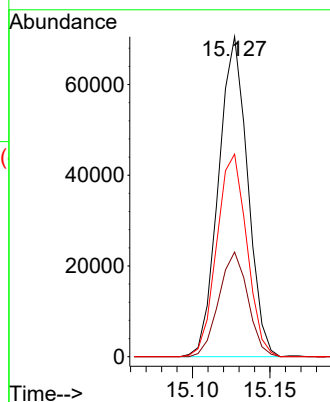
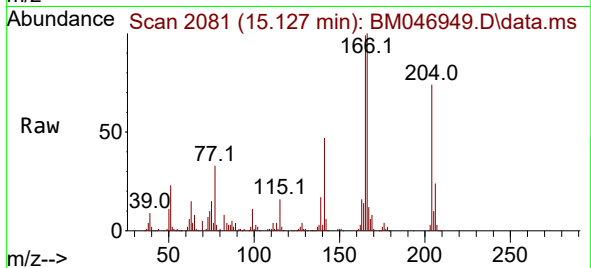




#62
4-Chlorophenyl-phenylether
Concen: 9.268 ng/ul
RT: 15.127 min Scan# 2081
Delta R.T. -0.000 min
Lab File: BM046949.D
Acq: 02 Aug 2024 15:01

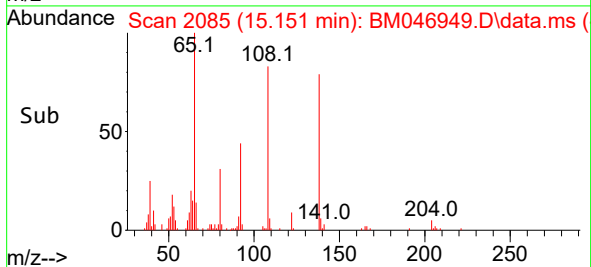
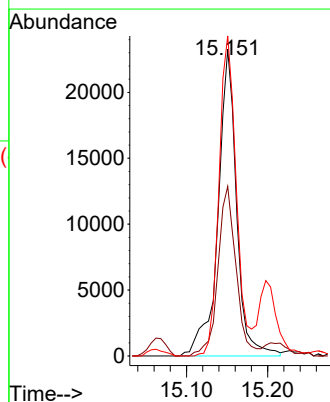
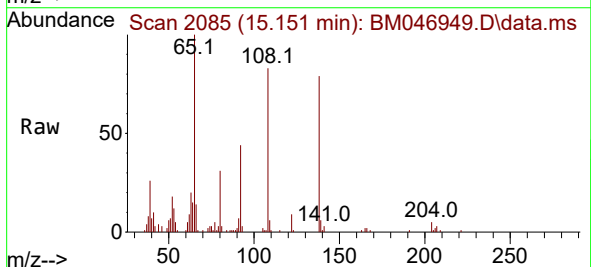
Instrument :
BNA_M
ClientSampleId :

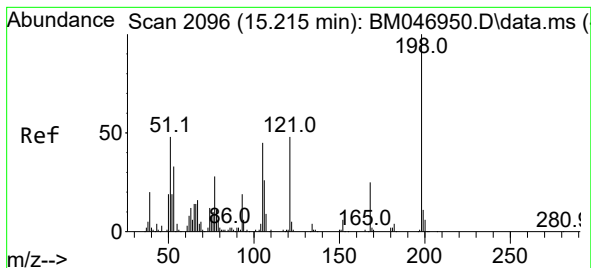
Tgt Ion:204 Resp: 92082
Ion Ratio Lower Upper
204 100
206 32.7 27.0 40.4
141 63.3 52.2 78.4



#63
4-Nitroaniline
Concen: 10.649 ng/ul
RT: 15.151 min Scan# 2085
Delta R.T. -0.000 min
Lab File: BM046949.D
Acq: 02 Aug 2024 15:01

Tgt Ion:138 Resp: 37043
Ion Ratio Lower Upper
138 100
92 55.3 47.7 71.5
108 104.3 87.3 130.9

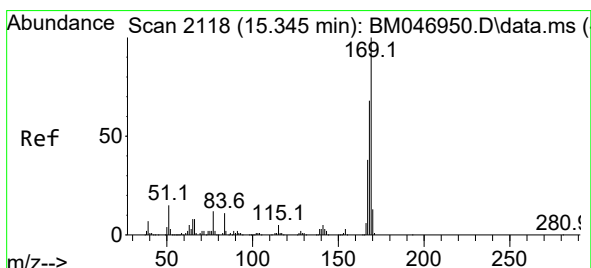
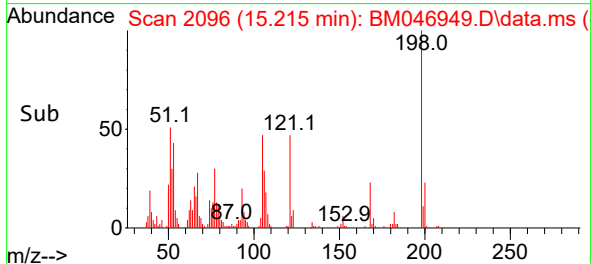
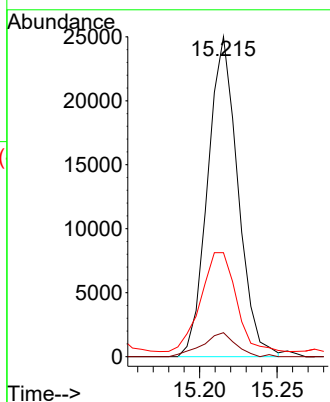
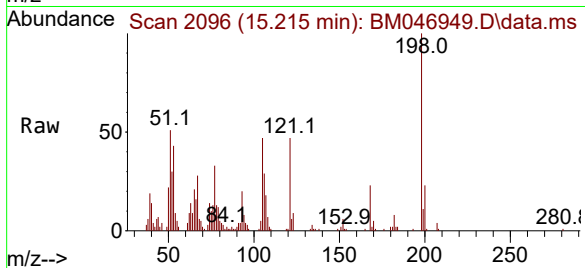




#66
 4,6-Dinitro-2-methylphenol
 Concen: 9.398 ng/ul
 RT: 15.215 min Scan# 2096
 Delta R.T. -0.000 min
 Lab File: BM046949.D
 Acq: 02 Aug 2024 15:01

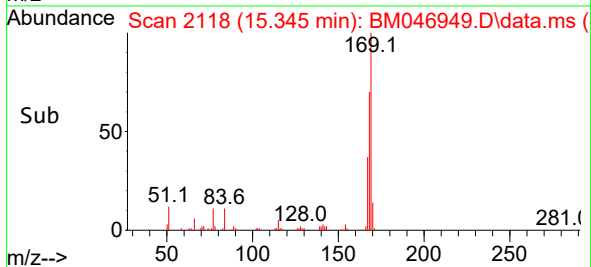
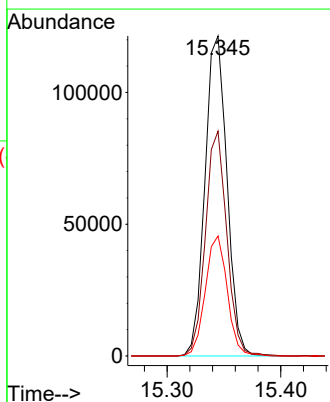
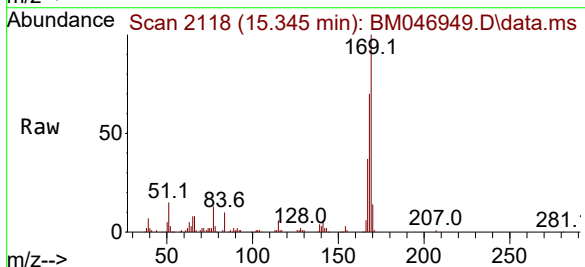
Instrument :
 BNA_M
 ClientSampleId :

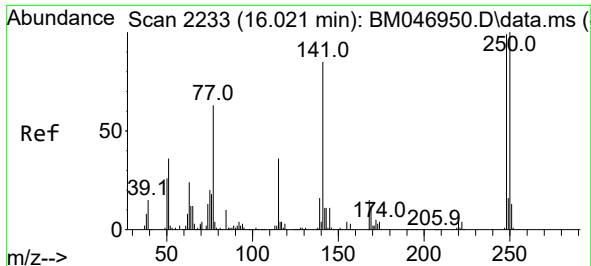
Tgt Ion:198 Resp: 33831
 Ion Ratio Lower Upper
 198 100
 182 7.5 3.6 5.4#
 77 32.5 24.4 36.6



#67
 N-Nitrosodiphenylamine
 Concen: 11.699 ng/ul
 RT: 15.345 min Scan# 2118
 Delta R.T. -0.000 min
 Lab File: BM046949.D
 Acq: 02 Aug 2024 15:01

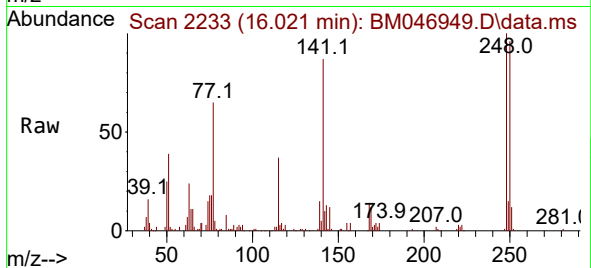
Tgt Ion:169 Resp: 163699
 Ion Ratio Lower Upper
 169 100
 168 70.3 54.0 81.0
 167 37.5 30.2 45.2



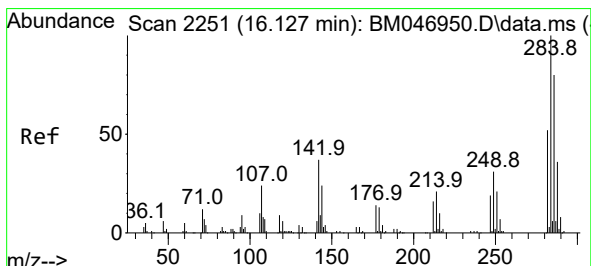
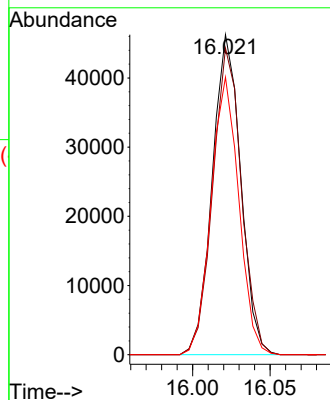
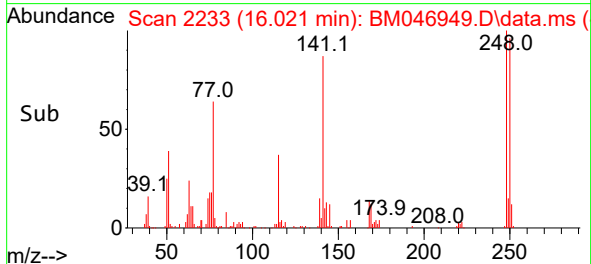


#68
4-Bromophenyl-phenylether
Concen: 9.900 ng/ul
RT: 16.021 min Scan# 21
Delta R.T. -0.000 min
Lab File: BM046949.D
Acq: 02 Aug 2024 15:01

Instrument :
BNA_M
ClientSampleId :

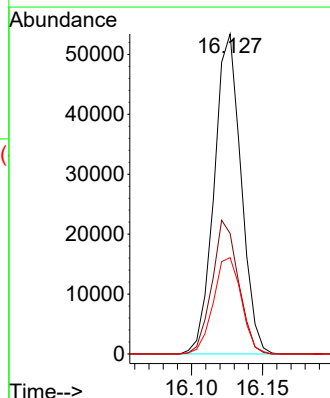
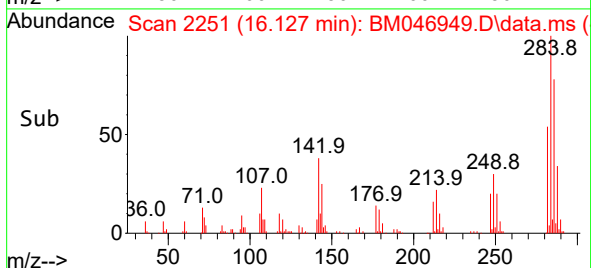
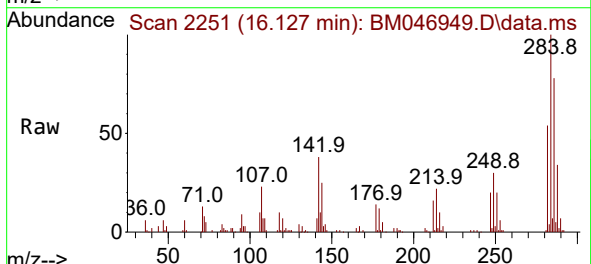


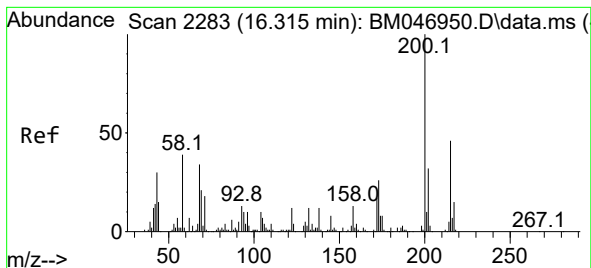
Tgt Ion:248 Resp: 59023
Ion Ratio Lower Upper
248 100
250 95.8 80.7 121.1
141 86.7 68.6 103.0



#69
Hexachlorobenzene
Concen: 9.975 ng/ul
RT: 16.127 min Scan# 2251
Delta R.T. -0.000 min
Lab File: BM046949.D
Acq: 02 Aug 2024 15:01

Tgt Ion:284 Resp: 70249
Ion Ratio Lower Upper
284 100
142 37.6 30.0 45.0
249 30.1 24.6 36.8





#70

Atrazine

Concen: 10.409 ng/ul

RT: 16.315 min Scan# 21

Delta R.T. -0.000 min

Lab File: BM046949.D

Acq: 02 Aug 2024 15:01

Instrument :

BNA_M

ClientSampleId :

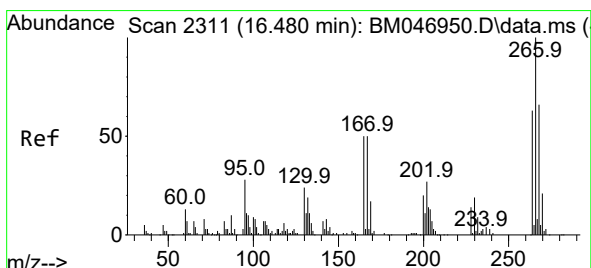
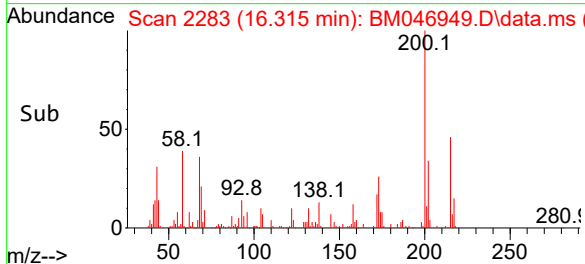
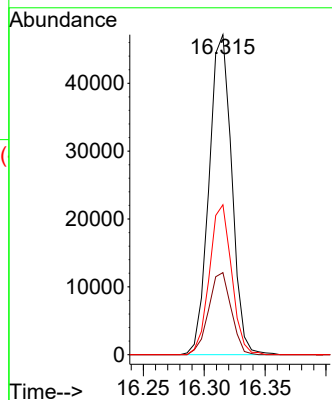
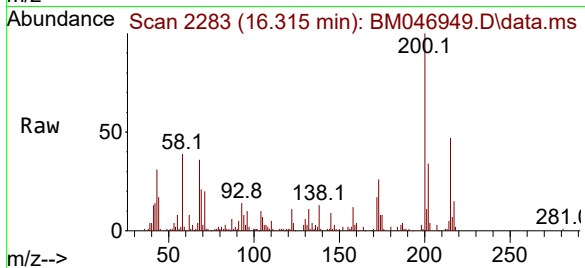
Tgt Ion:200 Resp: 61241

Ion Ratio Lower Upper

200 100

173 25.7 21.4 32.0

215 46.9 36.7 55.1



#71

Pentachlorophenol

Concen: 9.148 ng/ul

RT: 16.480 min Scan# 2311

Delta R.T. -0.000 min

Lab File: BM046949.D

Acq: 02 Aug 2024 15:01

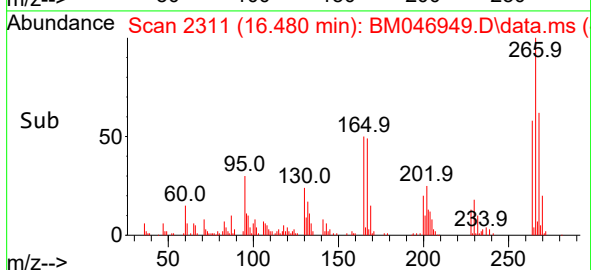
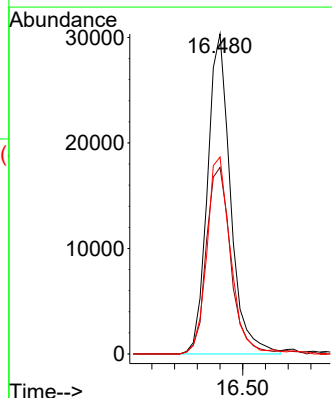
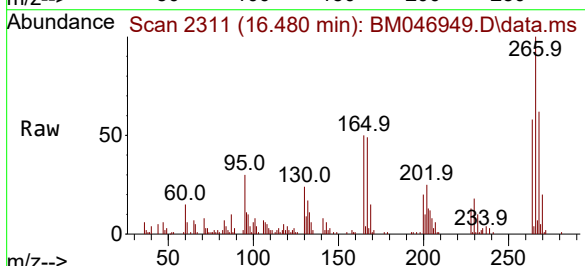
Tgt Ion:266 Resp: 42630

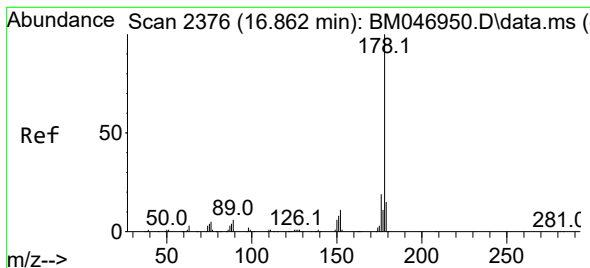
Ion Ratio Lower Upper

266 100

264 58.3 50.7 76.1

268 61.5 53.0 79.6





#72

Phenanthrene

Concen: 11.485 ng/ul

RT: 16.862 min Scan# 2376

Delta R.T. -0.000 min

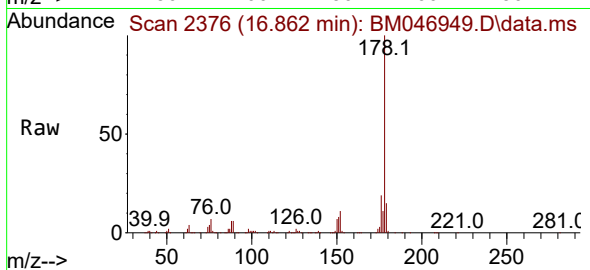
Lab File: BM046949.D

Acq: 02 Aug 2024 15:01

Instrument :

BNA_M

ClientSampleId :



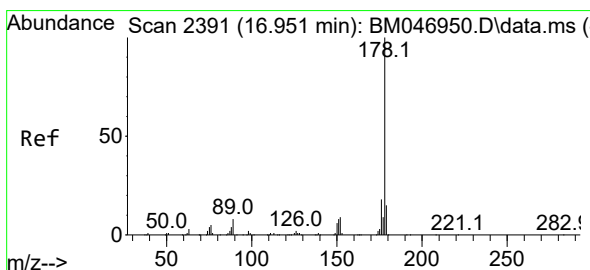
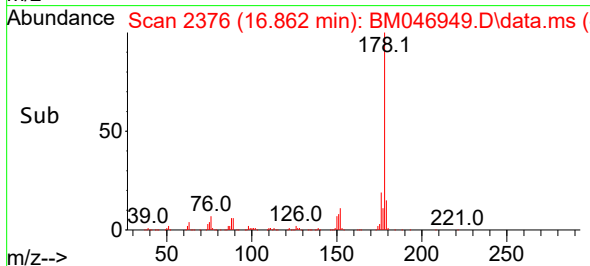
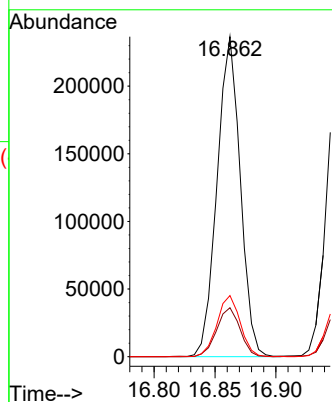
Tgt Ion:178 Resp: 313700

Ion Ratio Lower Upper

178 100

179 15.3 12.3 18.5

176 19.1 15.3 22.9



#74

Anthracene

Concen: 11.518 ng/ul

RT: 16.951 min Scan# 2391

Delta R.T. -0.000 min

Lab File: BM046949.D

Acq: 02 Aug 2024 15:01

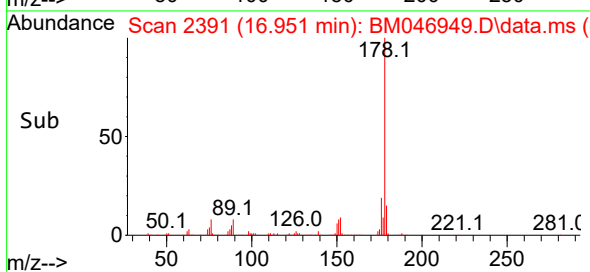
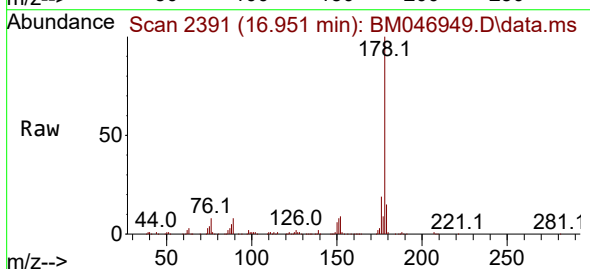
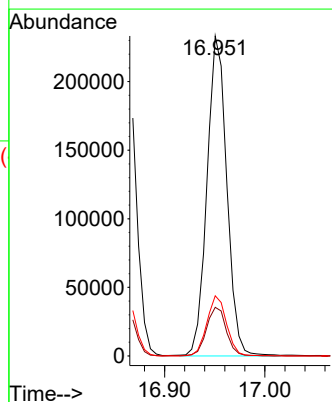
Tgt Ion:178 Resp: 321348

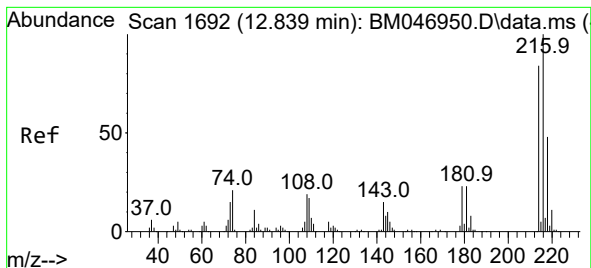
Ion Ratio Lower Upper

178 100

179 15.2 12.2 18.2

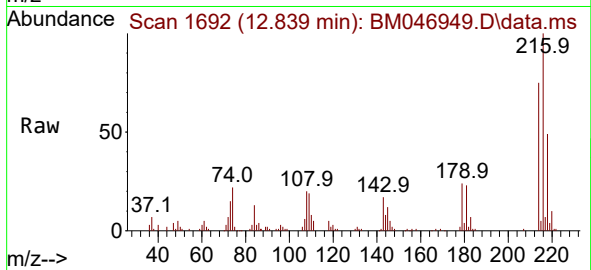
176 18.8 14.6 22.0



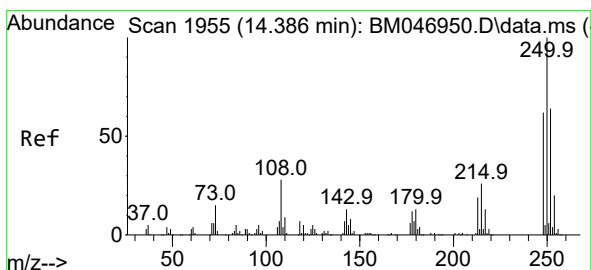
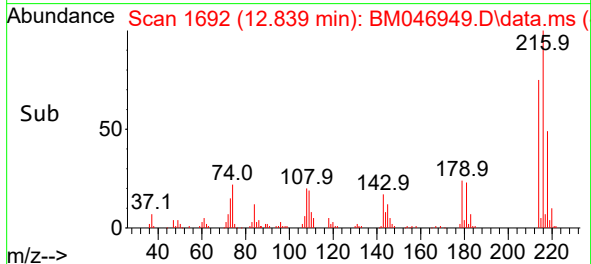
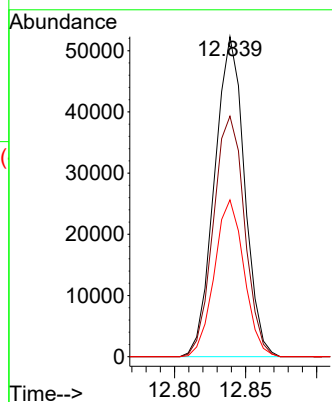


#75
1,2,3,4-Tetrachlorobenzene
Concen: 9.709 ng/uL
RT: 12.839 min Scan# 1692
Delta R.T. -0.000 min
Lab File: BM046949.D
Acq: 02 Aug 2024 15:01

Instrument :
BNA_M
ClientSampleId :

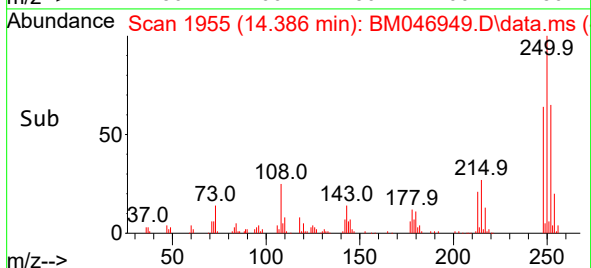
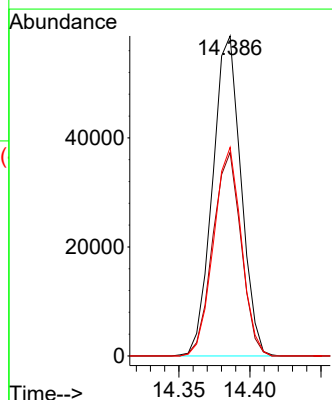
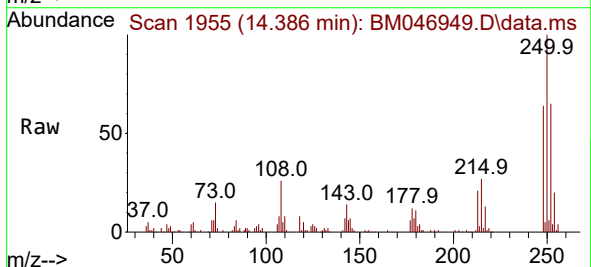


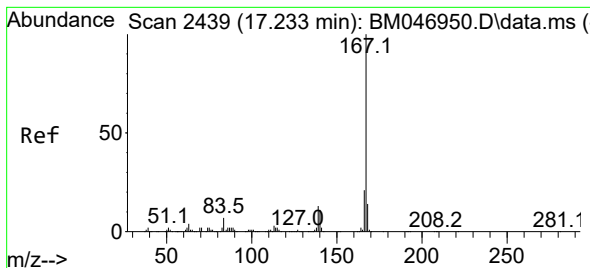
Tgt Ion:216 Resp: 76883
Ion Ratio Lower Upper
216 100
214 75.2 67.0 100.6
218 49.0 38.7 58.1



#76
Pentachlorobenzene
Concen: 10.007 ng/uL
RT: 14.386 min Scan# 1955
Delta R.T. -0.000 min
Lab File: BM046949.D
Acq: 02 Aug 2024 15:01

Tgt Ion:250 Resp: 81636
Ion Ratio Lower Upper
250 100
248 63.6 49.6 74.4
252 65.2 51.4 77.0





#77

Carbazole

Concen: 11.596 ng/ul

RT: 17.233 min Scan# 2439

Delta R.T. -0.000 min

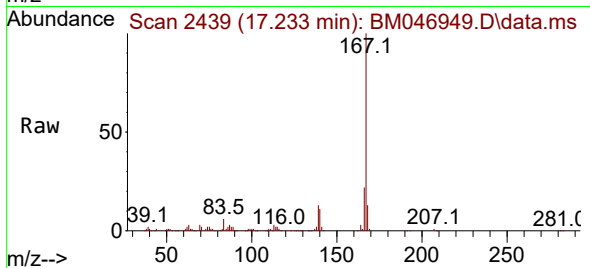
Lab File: BM046949.D

Acq: 02 Aug 2024 15:01

Instrument :

BNA_M

ClientSampleId :



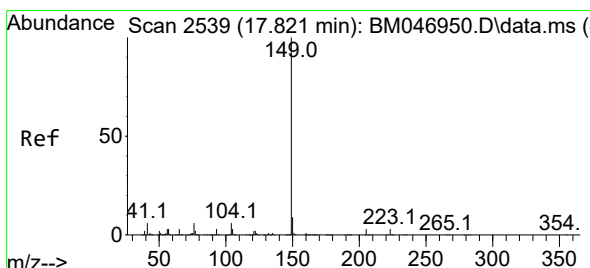
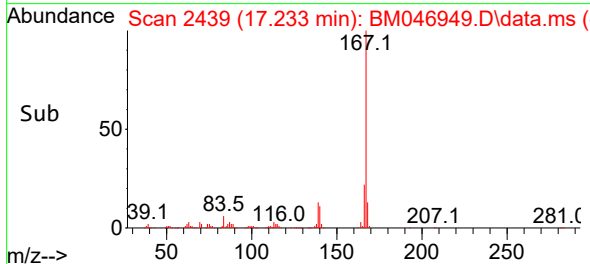
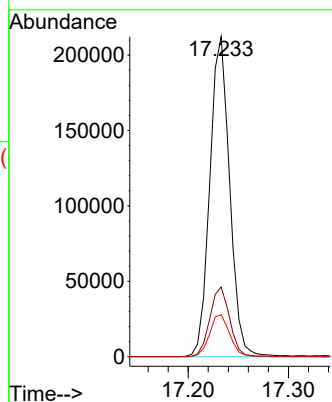
Tgt Ion:167 Resp: 291503

Ion Ratio Lower Upper

167 100

166 21.8 17.0 25.4

139 13.2 10.6 16.0



#78

Di-n-butylphthalate

Concen: 12.513 ng/ul

RT: 17.821 min Scan# 2539

Delta R.T. -0.000 min

Lab File: BM046949.D

Acq: 02 Aug 2024 15:01

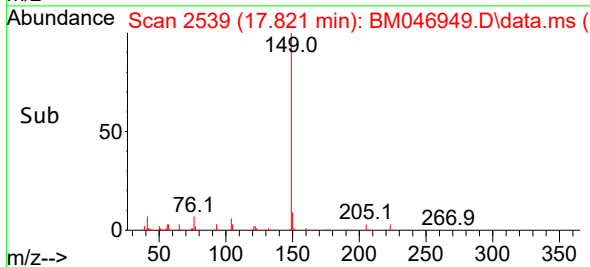
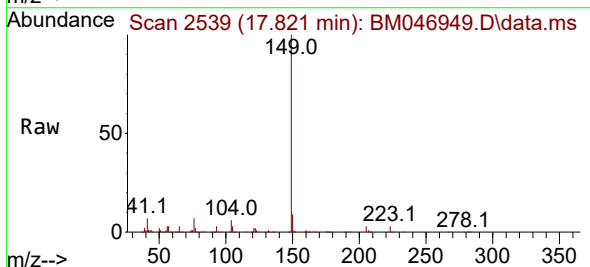
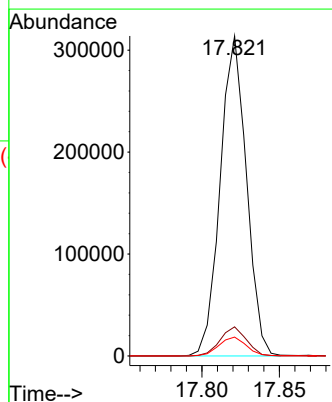
Tgt Ion:149 Resp: 369382

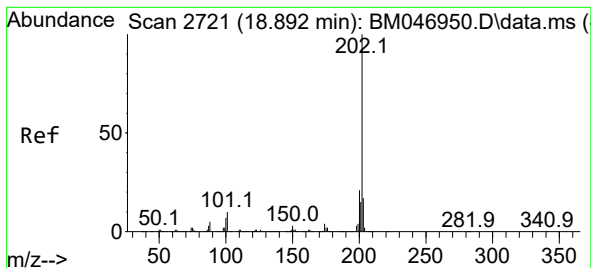
Ion Ratio Lower Upper

149 100

150 9.1 7.0 10.6

104 5.9 4.8 7.2





#80

Fluoranthene

Concen: 10.683 ng/ul

RT: 18.892 min Scan# 2721

Delta R.T. -0.000 min

Lab File: BM046949.D

Acq: 02 Aug 2024 15:01

Instrument :

BNA_M

ClientSampleId :

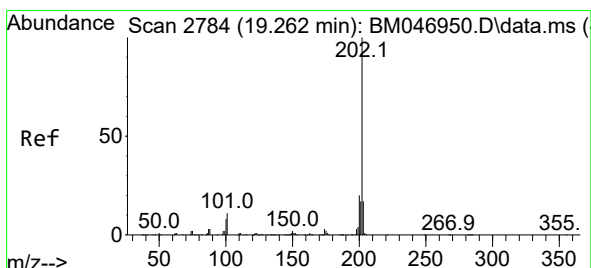
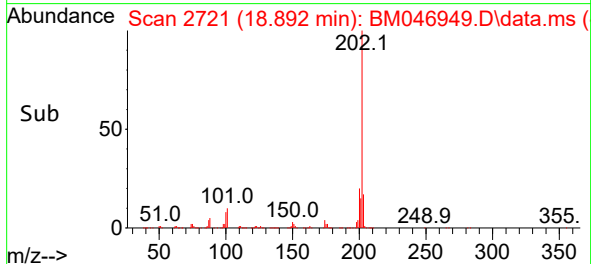
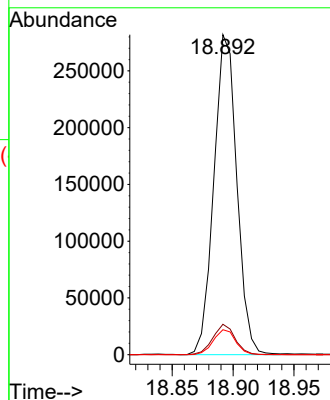
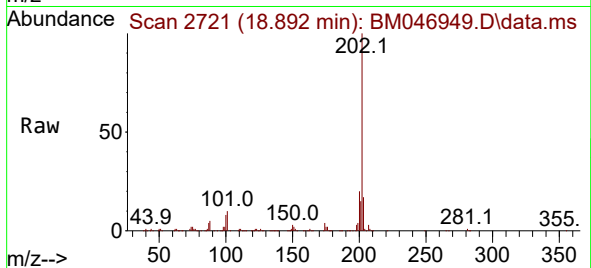
Tgt Ion:202 Resp: 370064

Ion Ratio Lower Upper

202 100

101 9.5 7.8 11.6

100 7.8 5.9 8.9



#82

Pyrene

Concen: 11.928 ng/ul

RT: 19.262 min Scan# 2784

Delta R.T. -0.000 min

Lab File: BM046949.D

Acq: 02 Aug 2024 15:01

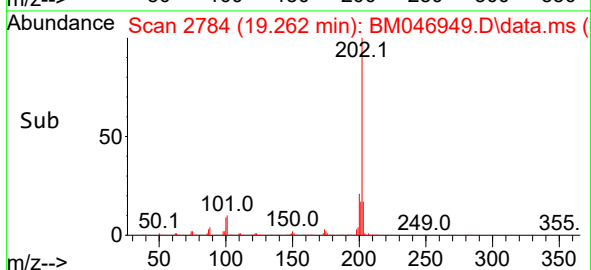
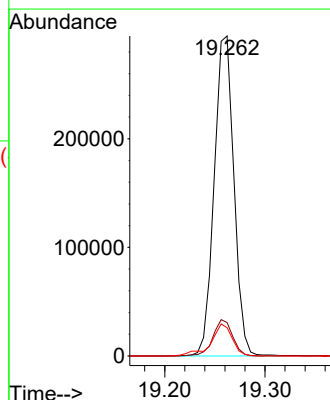
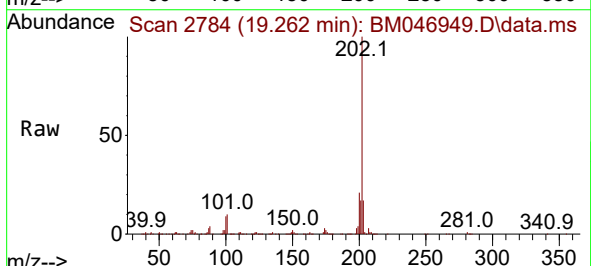
Tgt Ion:202 Resp: 402634

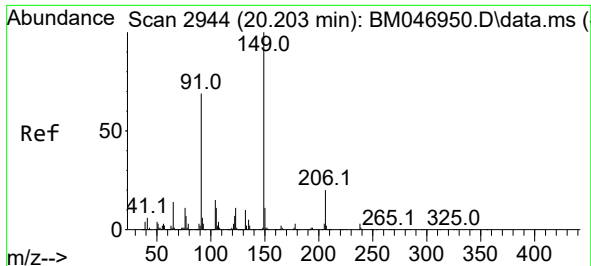
Ion Ratio Lower Upper

202 100

101 10.5 8.7 13.1

100 8.8 6.8 10.2

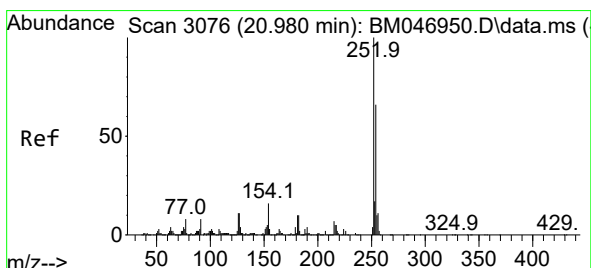
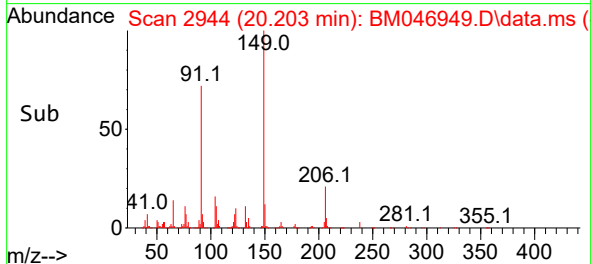
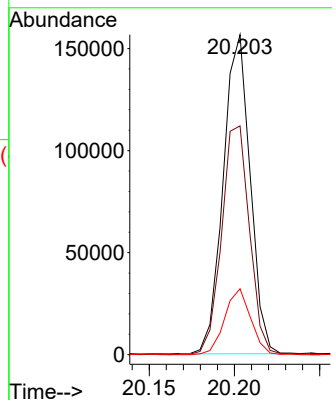
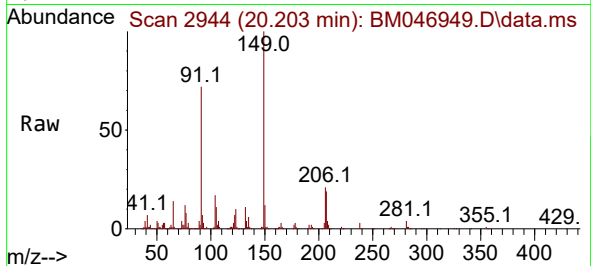




#83
Butylbenzylphthalate
Concen: 13.057 ng/ul
RT: 20.203 min Scan# 2944
Delta R.T. -0.000 min
Lab File: BM046949.D
Acq: 02 Aug 2024 15:01

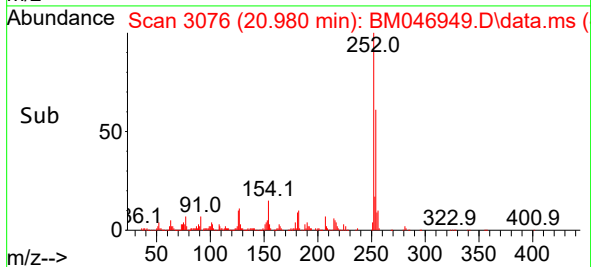
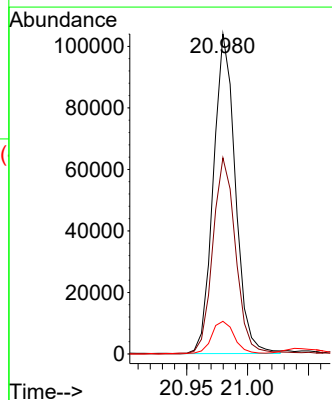
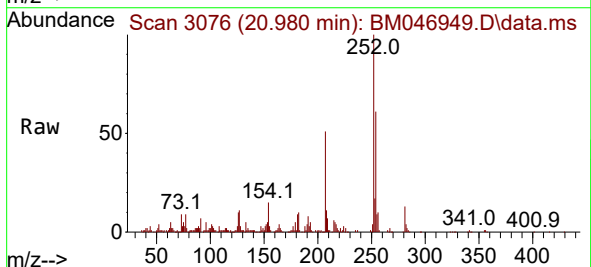
Instrument :
BNA_M
ClientSampleId :

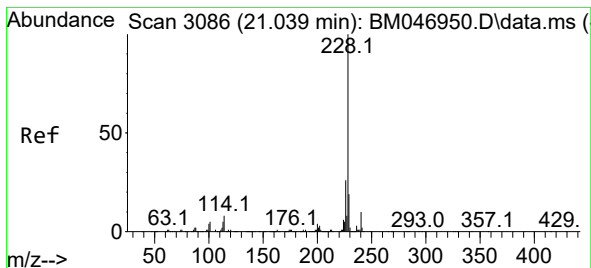
Tgt Ion:149 Resp: 172008
Ion Ratio Lower Upper
149 100
91 71.5 55.3 82.9
206 20.6 16.2 24.4



#84
3,3'-Dichlorobenzidine
Concen: 10.294 ng/ul
RT: 20.980 min Scan# 3076
Delta R.T. -0.000 min
Lab File: BM046949.D
Acq: 02 Aug 2024 15:01

Tgt Ion:252 Resp: 130748
Ion Ratio Lower Upper
252 100
254 61.3 52.6 78.8
126 10.2 8.8 13.2





#85

Benzo(a)anthracene

Concen: 10.708 ng/ul

RT: 21.039 min Scan# 3086

Delta R.T. -0.000 min

Lab File: BM046949.D

Acq: 02 Aug 2024 15:01

Instrument :

BNA_M

ClientSampleId :

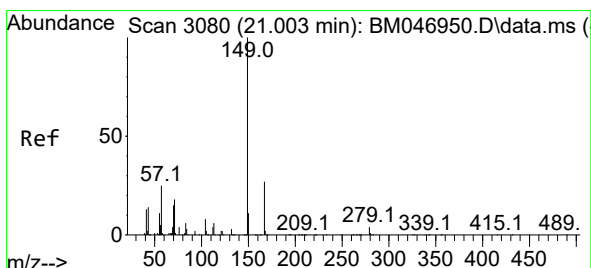
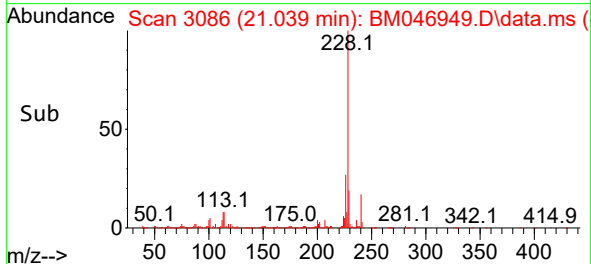
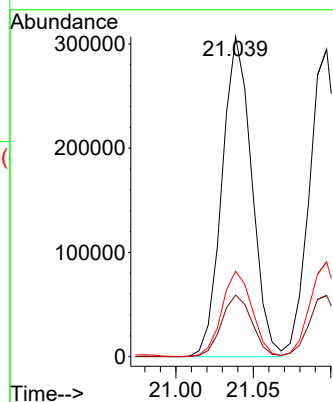
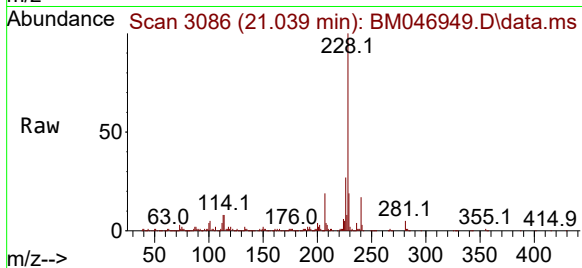
Tgt Ion:228 Resp: 409093

Ion Ratio Lower Upper

228 100

229 19.3 15.5 23.3

226 26.7 21.2 31.8



#86

Bis(2-ethylhexyl)phthalate

Concen: 12.182 ng/ul

RT: 21.003 min Scan# 3080

Delta R.T. -0.000 min

Lab File: BM046949.D

Acq: 02 Aug 2024 15:01

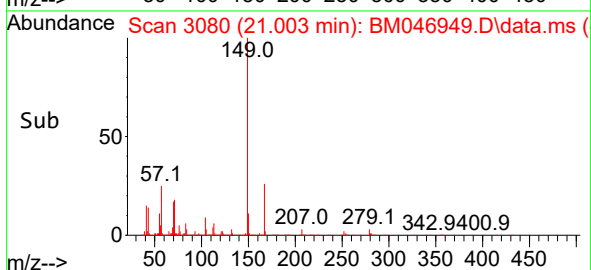
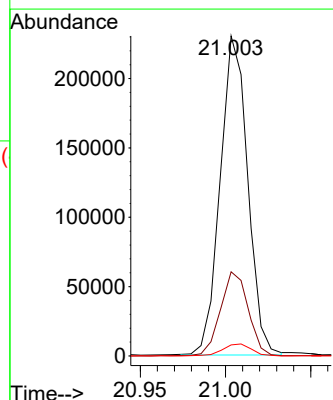
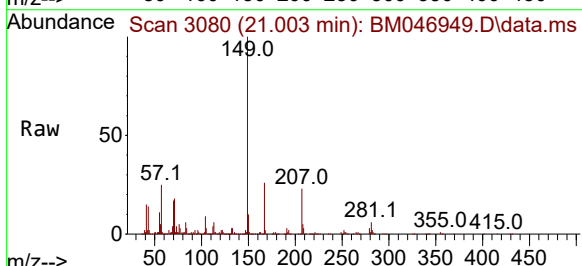
Tgt Ion:149 Resp: 258430

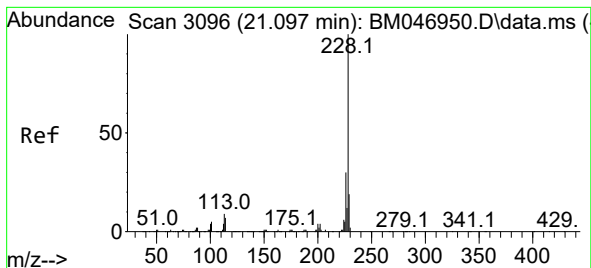
Ion Ratio Lower Upper

149 100

167 26.3 21.3 31.9

279 3.4 3.3 4.9





#87

Chrysene

Concen: 10.711 ng/ul

RT: 21.097 min Scan# 3096

Delta R.T. -0.000 min

Lab File: BM046949.D

Acq: 02 Aug 2024 15:01

Instrument :

BNA_M

ClientSampleId :

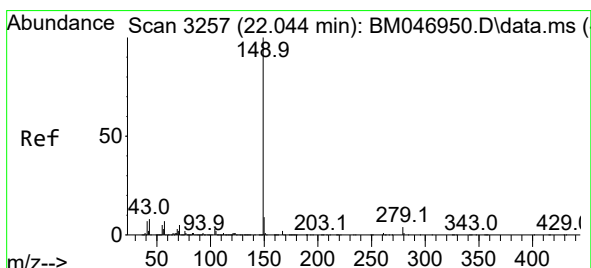
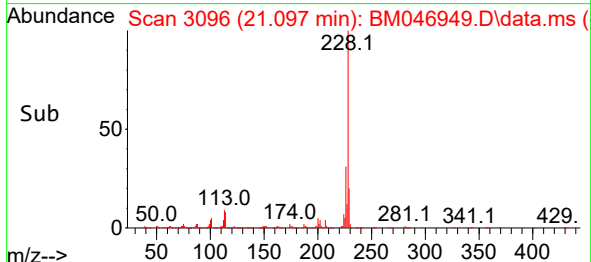
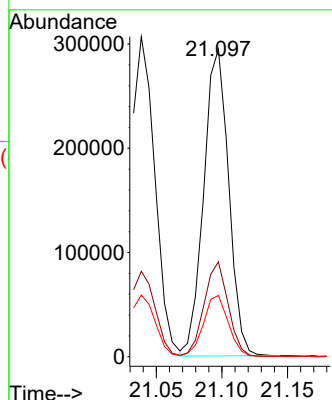
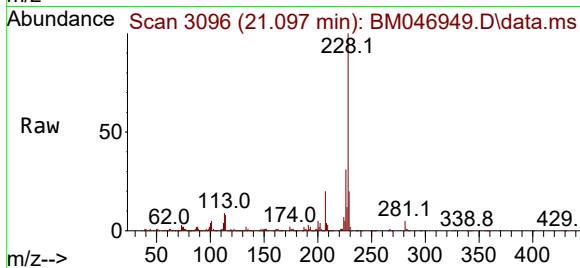
Tgt Ion:228 Resp: 390408

Ion Ratio Lower Upper

228 100

226 30.8 24.0 36.0

229 19.9 15.5 23.3



#89

Di-n-octyl phthalate

Concen: 10.476 ng/ul

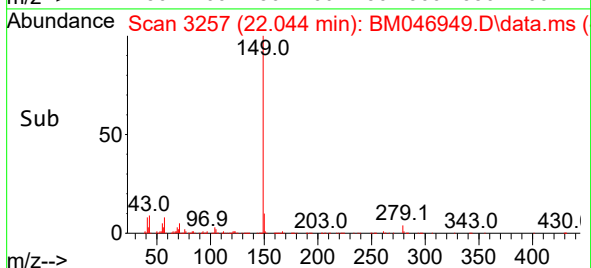
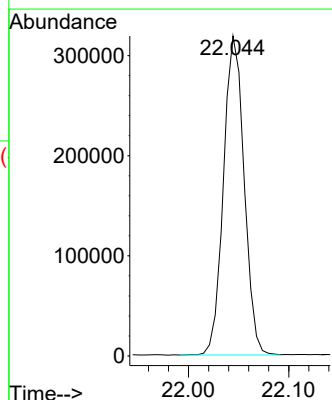
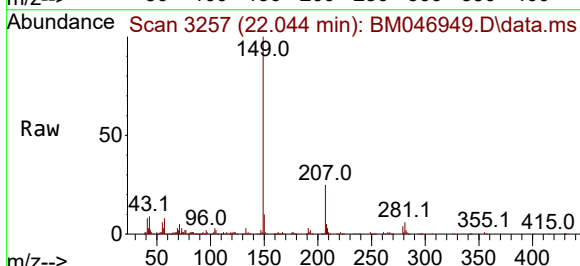
RT: 22.044 min Scan# 3257

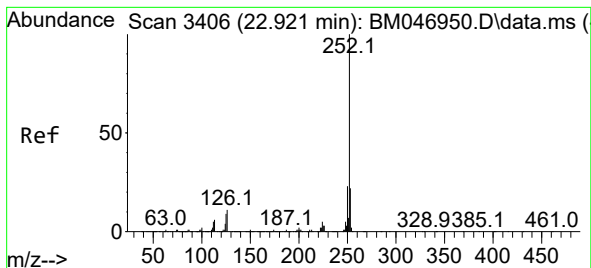
Delta R.T. -0.000 min

Lab File: BM046949.D

Acq: 02 Aug 2024 15:01

Tgt Ion:149 Resp: 454664





#90

Benzo(b)fluoranthene

Concen: 10.167 ng/ul

RT: 22.921 min Scan# 3406

Delta R.T. -0.000 min

Lab File: BM046949.D

Acq: 02 Aug 2024 15:01

Instrument :

BNA_M

ClientSampleId :

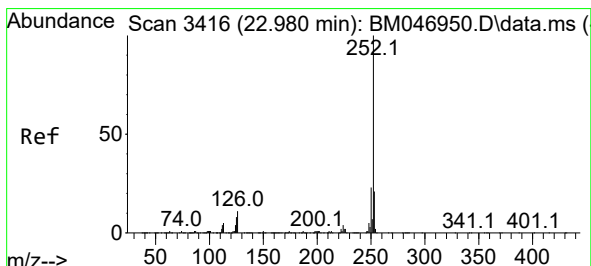
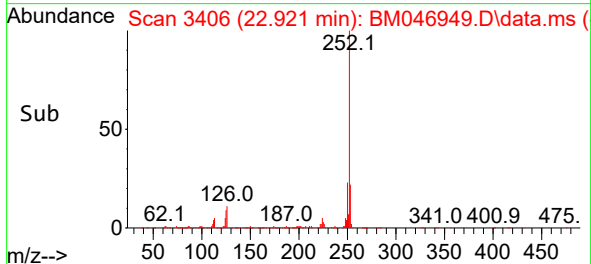
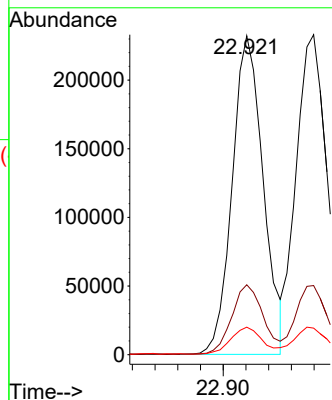
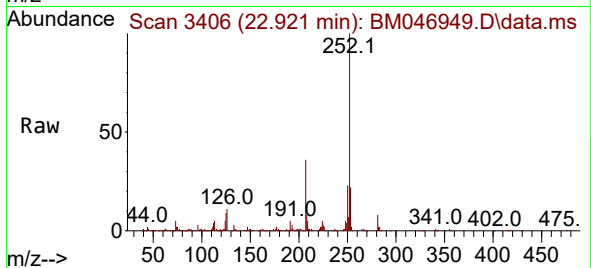
Tgt Ion:252 Resp: 439251

Ion Ratio Lower Upper

252 100

253 21.9 17.4 26.2

125 8.7 7.0 10.6



#91

Benzo(k)fluoranthene

Concen: 10.449 ng/ul

RT: 22.980 min Scan# 3416

Delta R.T. -0.000 min

Lab File: BM046949.D

Acq: 02 Aug 2024 15:01

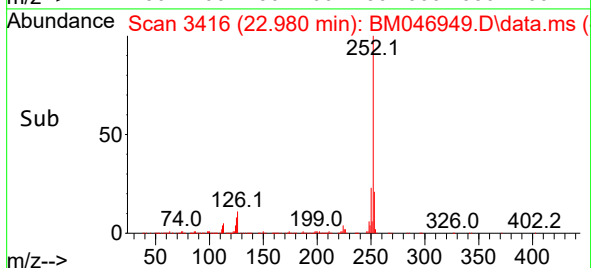
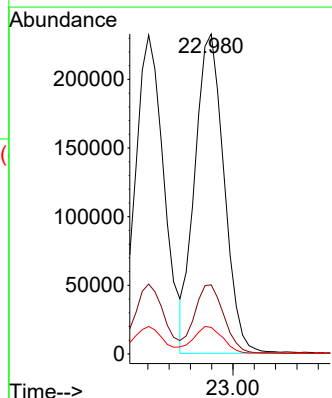
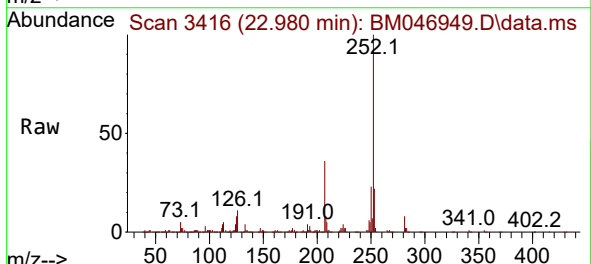
Tgt Ion:252 Resp: 442372

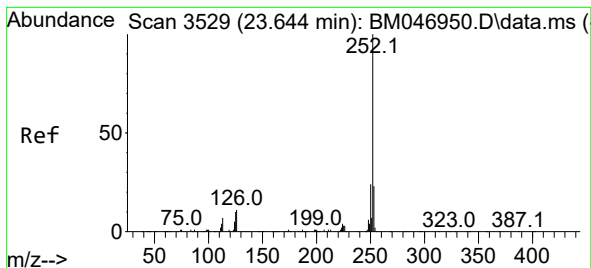
Ion Ratio Lower Upper

252 100

253 21.6 17.0 25.6

125 8.3 6.9 10.3





#93

Benzo(a)pyrene

Concen: 10.525 ng/ul

RT: 23.644 min Scan# 3

Delta R.T. -0.000 min

Lab File: BM046949.D

Acq: 02 Aug 2024 15:01

Instrument :

BNA_M

ClientSampleId :

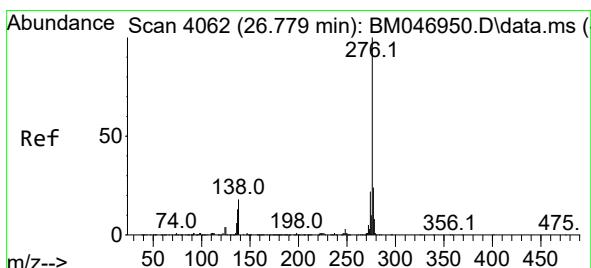
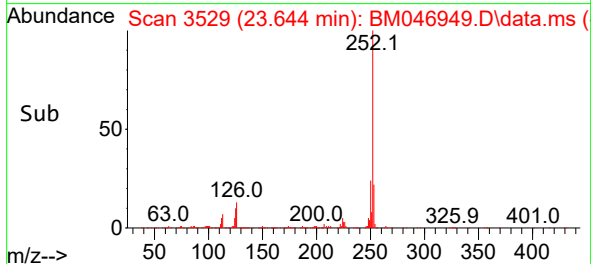
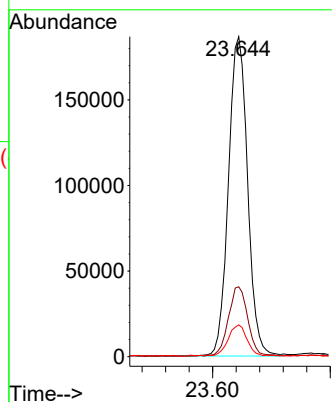
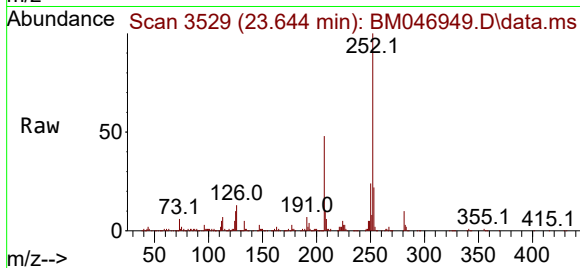
Tgt Ion:252 Resp: 422406

Ion Ratio Lower Upper

252 100

253 21.9 18.2 27.2

125 10.0 8.1 12.1



#94

Indeno(1,2,3-cd)pyrene

Concen: 10.895 ng/ul

RT: 26.785 min Scan# 4063

Delta R.T. 0.006 min

Lab File: BM046949.D

Acq: 02 Aug 2024 15:01

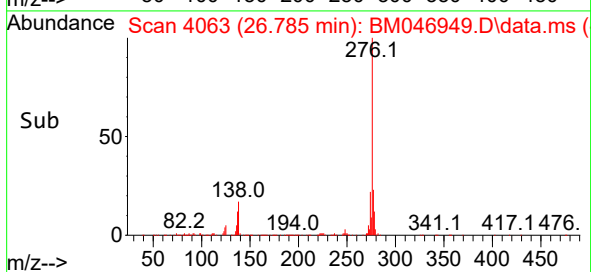
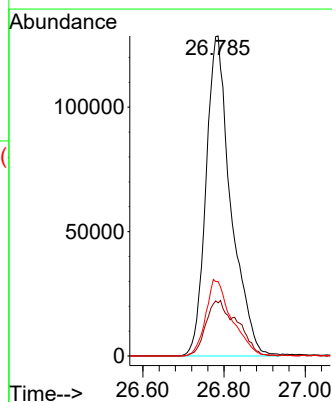
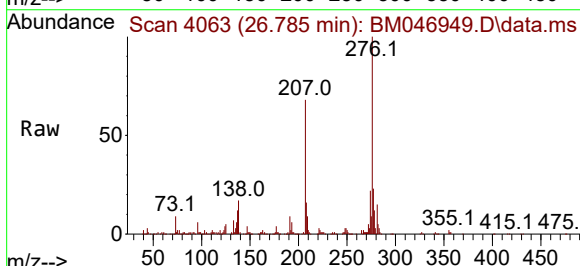
Tgt Ion:276 Resp: 547508

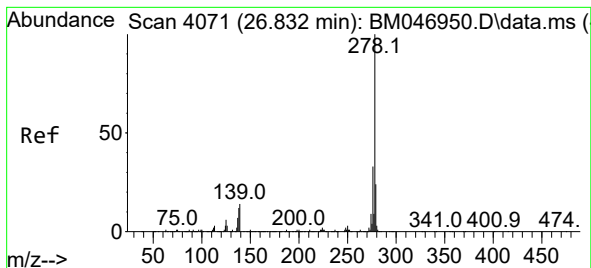
Ion Ratio Lower Upper

276 100

138 16.6 14.7 22.1

277 23.3 19.3 28.9





#95

Dibenzo(a,h)anthracene

Concen: 10.937 ng/ul

RT: 26.832 min Scan# 4071

Delta R.T. -0.000 min

Lab File: BM046949.D

Acq: 02 Aug 2024 15:01

Instrument :

BNA_M

ClientSampleId :

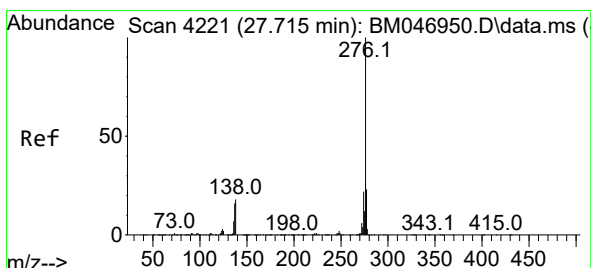
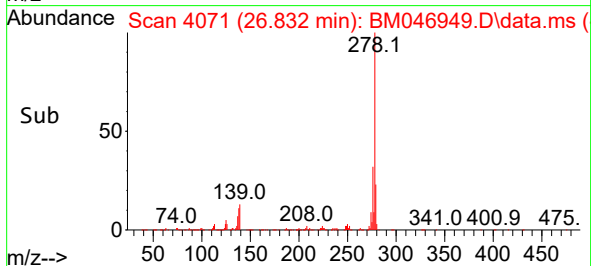
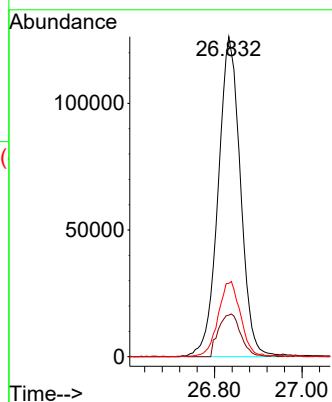
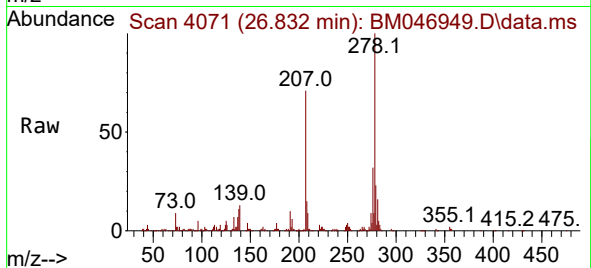
Tgt Ion:278 Resp: 445615

Ion Ratio Lower Upper

278 100

139 13.0 11.4 17.0

279 22.9 19.4 29.0



#96

Benzo(g,h,i)perylene

Concen: 9.959 ng/ul

RT: 27.715 min Scan# 4221

Delta R.T. -0.000 min

Lab File: BM046949.D

Acq: 02 Aug 2024 15:01

Tgt Ion:276 Resp: 430709

Ion Ratio Lower Upper

276 100

138 18.7 14.7 22.1

277 24.5 18.6 27.8

