

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080224\
 Data File : BM046948.D
 Acq On : 02 Aug 2024 14:20
 Operator : MA/JU
 Sample : SST00524
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Aug 03 02:20:36 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	93846	20.000	ng/ul	0.00
20) Naphthalene-d8	10.163	136	344817	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.057	164	222579	20.000	ng/ul	0.00
64) Phenanthrene-d10	16.815	188	478122	20.000	ng/ul	0.00
79) Chrysene-d12	21.056	240	479113	20.000	ng/ul	0.00
88) Perylene-d12	23.768	264	605117	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.028	96	4299	2.348	ng/uL	0.00
4) Pyridine-d5	3.416	84	29876	3.896	ng/ul	0.00
7) Phenol-d5	6.604	99	32187	3.878	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.757	67	23325	4.362	ng/ul	0.00
11) 2-Chlorophenol-d4	6.946	132	27694	4.160	ng/ul	0.00
15) 4-Methylphenol-d8	8.122	113	25511	4.797	ng/ul	0.00
21) Nitrobenzene-d5	8.545	128	12483	4.801	ng/ul	0.00
24) 2-Nitrophenol-d4	9.257	143	12803	3.606	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	9.798	165	25387	3.633	ng/ul	0.00
31) 4-Chloroaniline-d4	10.310	131	34928	4.598	ng/ul	0.00
46) Dimethylphthalate-d6	13.486	166	79169	4.761	ng/ul	0.00
49) Acenaphthylene-d8	13.745	160	87328	4.646	ng/ul	0.00
54) 4-Nitrophenol-d4	14.298	143	12094	3.874	ng/ul	0.00
60) Fluorene-d10	15.063	176	67373	4.327	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.204	200	10547	3.400	ng/ul	0.00
73) Anthracene-d10	16.915	188	106786	4.659	ng/ul	0.00
81) Pyrene-d10	19.227	212	123036	4.996	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.586	264	140132	4.360	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.058	88	5298	2.736	ng/uL	94
5) Pyridine	3.434	79	29915	3.880	ng/ul	97
6) Benzaldehyde	6.563	77	20582	3.958	ng/ul	93
8) Phenol	6.634	94	34661	4.031	ng/ul	97
10) Bis(2-Chloroethyl)ether	6.851	93	29163	4.341	ng/ul	93
12) 2-Chlorophenol	6.975	128	28285	4.288	ng/ul	97
13) 2-Methylphenol	7.863	108	24293	4.715	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	7.928	45	36036	5.433	ng/ul	96
16) Acetophenone	8.222	105	44108	5.016	ng/ul	95
17) N-Nitroso-di-n-propyla...	8.210	70	22341	5.520	ng/ul	99
18) 4-Methylphenol	8.187	108	26321	4.728	ng/ul	96
19) Hexachloroethane	8.457	117	14286	5.070	ng/ul	99
22) Nitrobenzene	8.587	77	34957	5.089	ng/ul	96
23) Isophorone	9.116	82	59916	4.633	ng/ul	99
25) 2-Nitrophenol	9.292	139	14272	3.654	ng/ul	91
26) 2,4-Dimethylphenol	9.369	107	30861	4.276	ng/ul	100
27) Bis(2-Chloroethoxy)met...	9.604	93	36202	4.989	ng/ul	98
29) 2,4-Dichlorophenol	9.822	162	26608	3.840	ng/ul	98
30) Naphthalene	10.210	128	88763	5.021	ng/ul	99
32) 4-Chloroaniline	10.334	127	33841	4.644	ng/ul	99
33) Hexachlorobutadiene	10.504	225	19874	3.557	ng/ul	95
34) Caprolactam	11.116	113	6075	3.528	ng/ul#	77
35) 4-Chloro-3-methylphenol	11.475	107	25640	4.517	ng/ul	97
36) 2-Methylnaphthalene	11.839	142	58421	3.864	ng/ul	98

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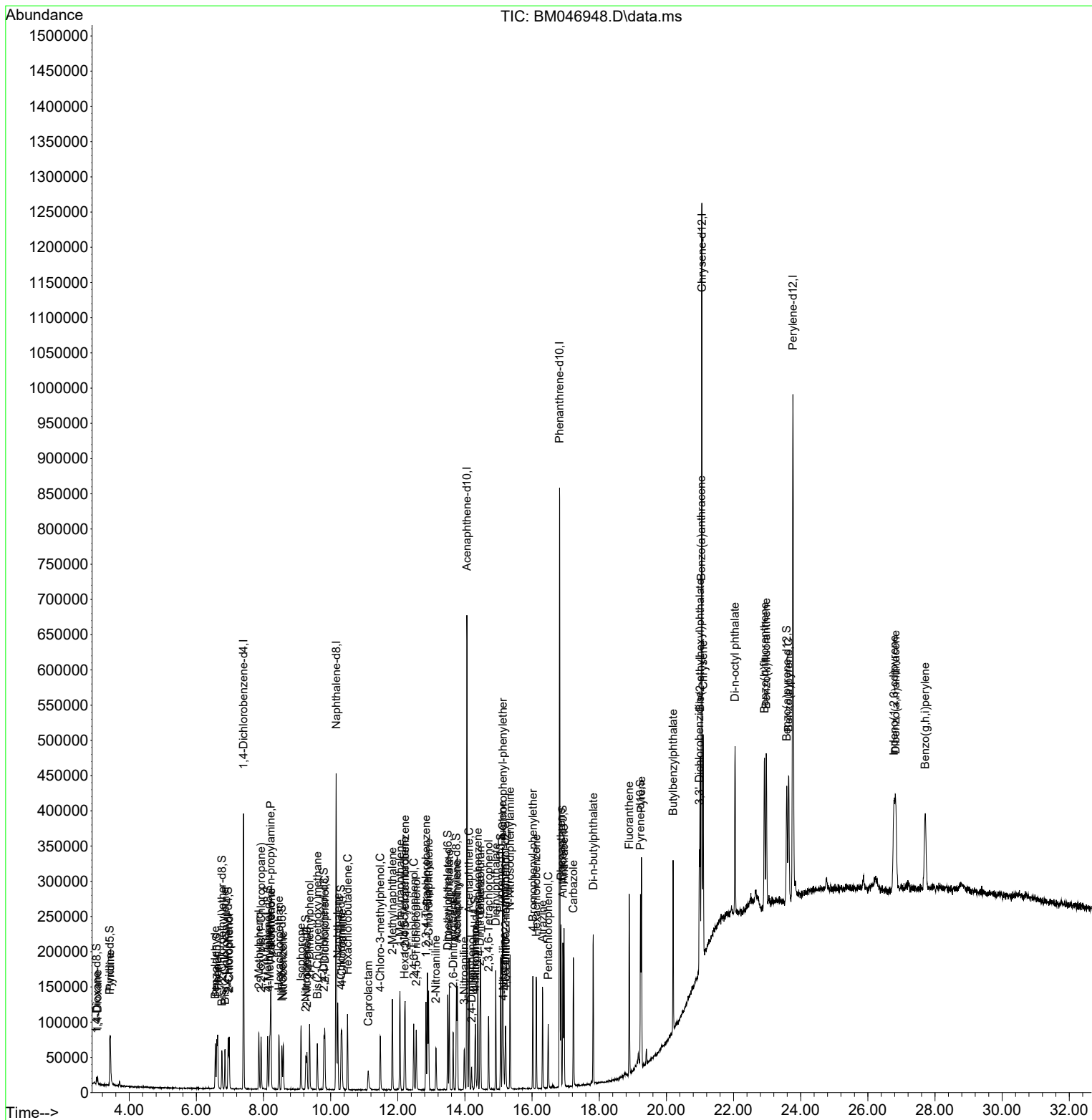
Instrument :
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 ClientSampleId :

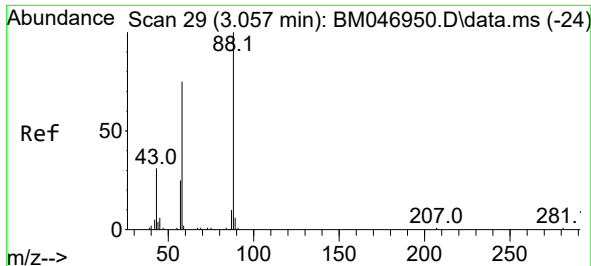
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.063	142	60687	4.064	ng/ul	96
39) 1,2,4,5-Tetrachloroben...	12.216	216	33039	3.853	ng/ul	98
40) Hexachlorocyclopentadiene	12.198	237	18431	3.665	ng/ul	93
41) 2,4,6-Trichlorophenol	12.475	196	20301	3.803	ng/ul	96
42) 2,4,5-Trichlorophenol	12.545	196	22266	3.887	ng/ul	95
43) 1,1'-Biphenyl	12.880	154	82283	4.845	ng/ul	98
44) 2-Chloronaphthalene	12.916	162	64803	4.664	ng/ul	97
45) 2-Nitroaniline	13.133	65	16796	4.730	ng/ul	95
47) Dimethylphthalate	13.533	163	81575	4.903	ng/ul	98
48) 2,6-Dinitrotoluene	13.651	165	13936	4.141	ng/ul	95
50) Acenaphthylene	13.775	152	94092	4.958	ng/ul	96
51) 3-Nitroaniline	13.980	138	13120	3.982	ng/ul	92
52) Acenaphthene	14.122	153	69200	5.016	ng/ul	98
53) 2,4-Dinitrophenol	14.198	184	7105	2.874	ng/ul	90
55) 4-Nitrophenol	14.316	109	13543	3.600	ng/ul	92
56) Dibenzofuran	14.463	168	96947	4.622	ng/ul	99
57) 2,4-Dinitrotoluene	14.445	165	20968	4.105	ng/ul#	93
58) 2,3,4,6-Tetrachlorophenol	14.704	232	19544	3.928	ng/ul	91
59) Diethylphthalate	14.916	149	84330	4.808	ng/ul	99
61) Fluorene	15.116	166	78827	4.527	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.127	204	40513	4.174	ng/ul	95
63) 4-Nitroaniline	15.145	138	12282	3.615	ng/ul	91
66) 4,6-Dinitro-2-methylph...	15.216	198	11826	3.478	ng/ul#	94
67) N-Nitrosodiphenylamine	15.345	169	69143	5.231	ng/ul	91
68) 4-Bromophenyl-phenylether	16.021	248	24394	4.332	ng/ul	98
69) Hexachlorobenzene	16.127	284	28352	4.262	ng/ul	93
70) Atrazine	16.310	200	24430	4.396	ng/ul	96
71) Pentachlorophenol	16.480	266	15519	3.526	ng/ul	99
72) Phenanthrene	16.863	178	127173	4.929	ng/ul	99
74) Anthracene	16.951	178	127886	4.853	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	12.839	216	33573	4.488	ng/uL	98
76) Pentachlorobenzene	14.386	250	35294	4.580	ng/uL	99
77) Carbazole	17.227	167	114604	4.826	ng/ul	99
78) Di-n-butylphthalate	17.821	149	142939	5.126	ng/ul	98
80) Fluoranthene	18.892	202	147599	4.706	ng/ul	99
82) Pyrene	19.256	202	161466	5.283	ng/ul	98
83) Butylbenzylphthalate	20.198	149	64757	5.428	ng/ul	87
84) 3,3'-Dichlorobenzidine	20.980	252	48286	4.198	ng/ul	98
85) Benzo(a)anthracene	21.039	228	160476	4.639	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.003	149	97046	5.052	ng/ul	97
87) Chrysene	21.092	228	159538	4.834	ng/ul	98
89) Di-n-octyl phthalate	22.045	149	170819	4.503	ng/ul	100
90) Benzo(b)fluoranthene	22.921	252	172262	4.562	ng/ul	98
91) Benzo(k)fluoranthene	22.974	252	164475	4.445	ng/ul	100
93) Benzo(a)pyrene	23.639	252	154638	4.408	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.774	276	210614	4.795	ng/ul	98
95) Dibenzo(a,h)anthracene	26.827	278	170146	4.778	ng/ul	98
96) Benzo(g,h,i)perylene	27.709	276	163978	4.338	ng/ul	96

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

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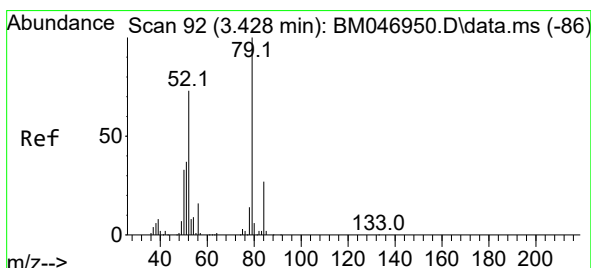
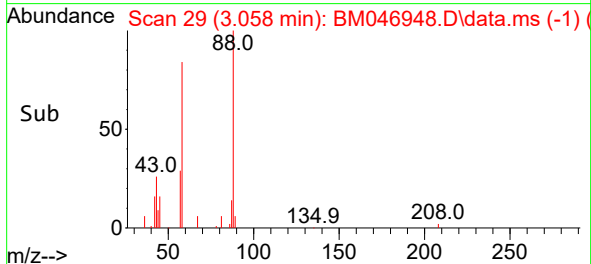
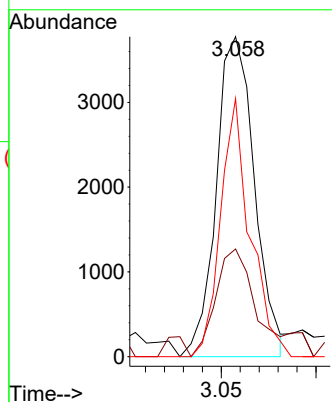
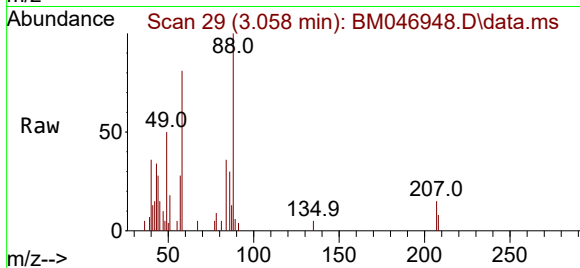




#2
1,4-Dioxane
Concen: 2.736 ng/uL
RT: 3.058 min Scan# 29
Delta R.T. 0.000 min
Lab File: BM046948.D
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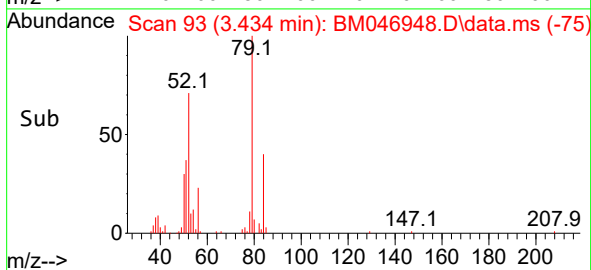
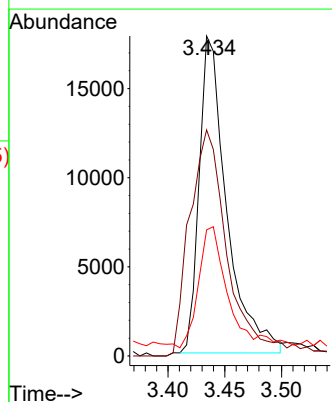
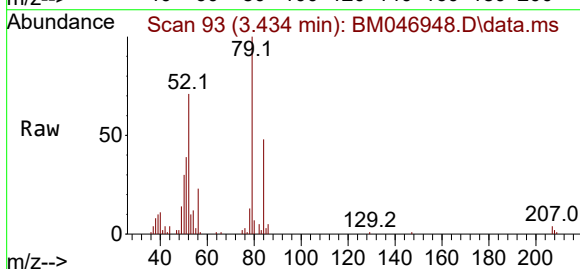
Instrument :
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ClientSampleId :

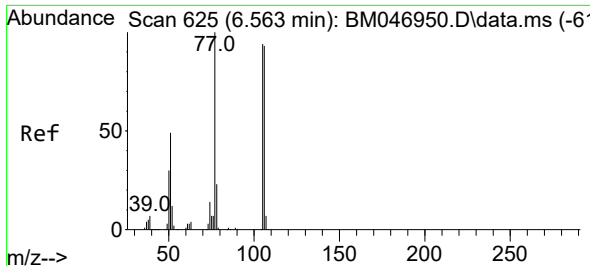
Tgt Ion: 88 Resp: 5298
Ion Ratio Lower Upper
88 100
43 33.7 24.9 37.3
58 80.6 59.7 89.5



#5
Pyridine
Concen: 3.880 ng/uL
RT: 3.434 min Scan# 93
Delta R.T. 0.006 min
Lab File: BM046948.D
Acq: 02 Aug 2024 14:20

Tgt Ion: 79 Resp: 29915
Ion Ratio Lower Upper
79 100
52 70.7 58.1 87.1
51 39.4 29.3 43.9

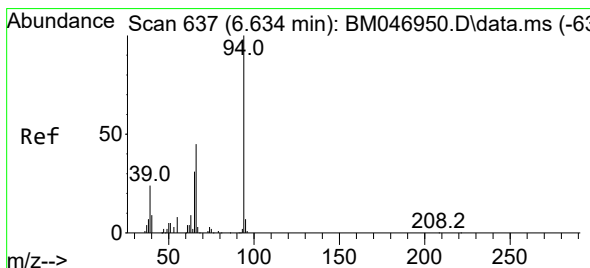
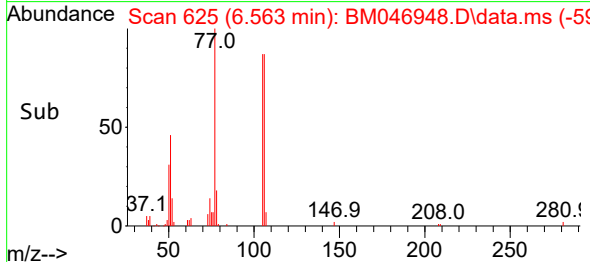
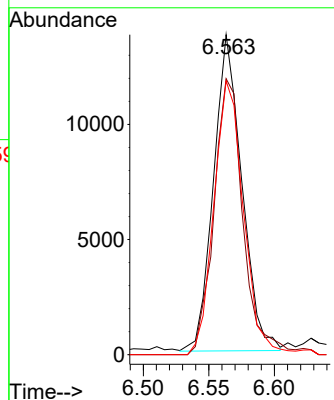
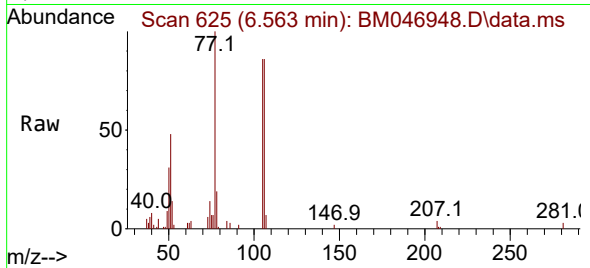




#6
Benzaldehyde
Concen: 3.958 ng/ul
RT: 6.563 min Scan# 61
Delta R.T. 0.000 min
Lab File: BM046948.D
Acq: 02 Aug 2024 14:20

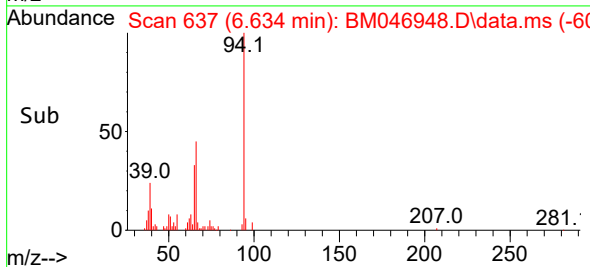
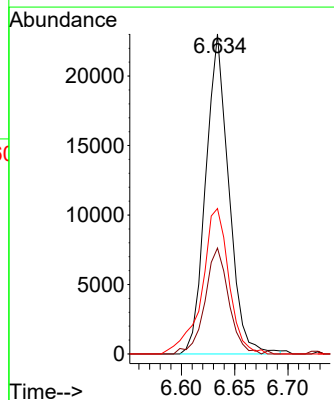
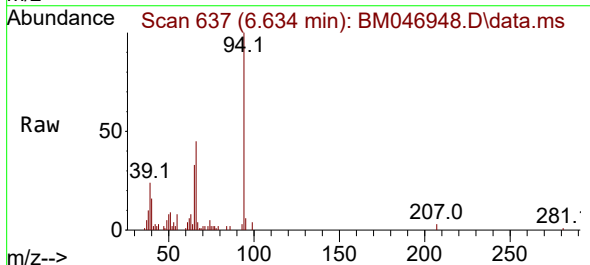
Instrument :
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ClientSampleId :

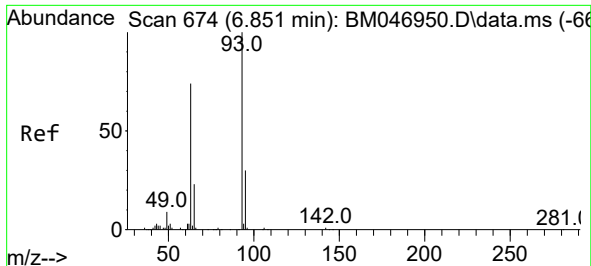
Tgt Ion: 77 Resp: 20582
Ion Ratio Lower Upper
77 100
105 86.3 74.7 112.1
106 85.5 74.2 111.2



#8
Phenol
Concen: 4.031 ng/ul
RT: 6.634 min Scan# 637
Delta R.T. 0.000 min
Lab File: BM046948.D
Acq: 02 Aug 2024 14:20

Tgt Ion: 94 Resp: 34661
Ion Ratio Lower Upper
94 100
65 33.1 25.1 37.7
66 45.4 37.7 56.5

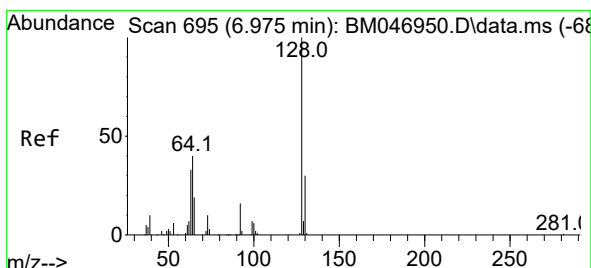
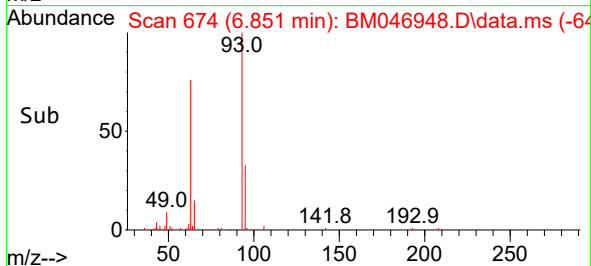
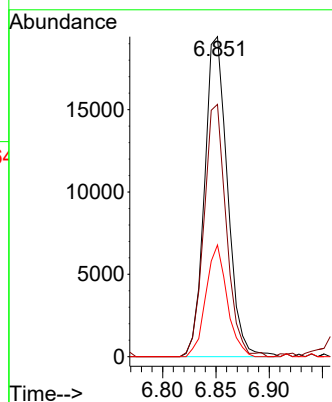
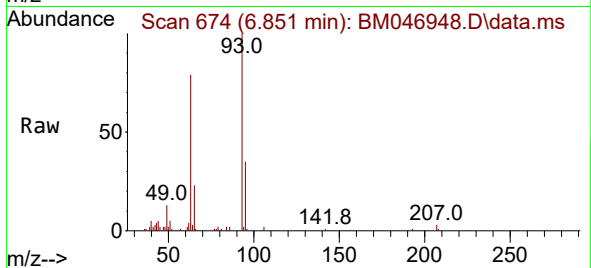




#10
Bis(2-Chloroethyl)ether
Concen: 4.341 ng/ul
RT: 6.851 min Scan# 610
Delta R.T. 0.000 min
Lab File: BM046948.D
Acq: 02 Aug 2024 14:20

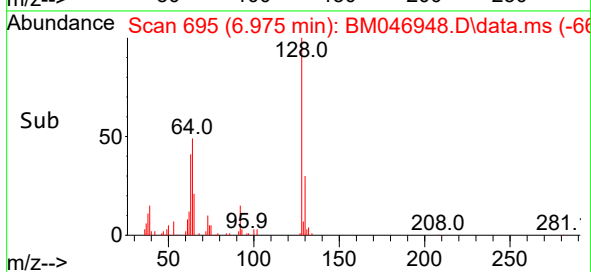
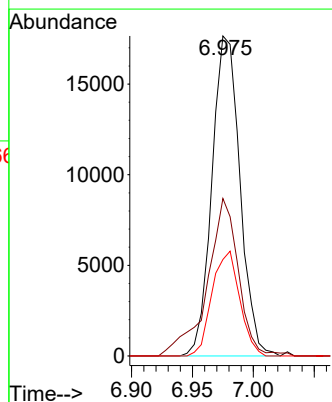
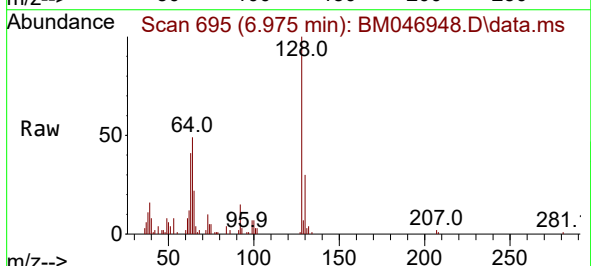
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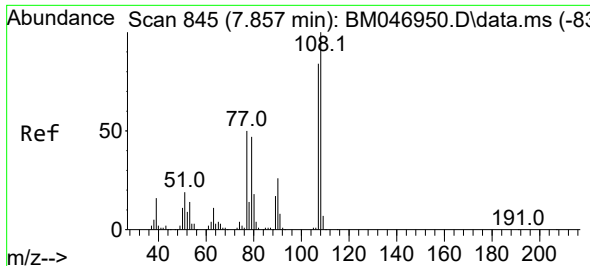
Tgt Ion: 93	Resp:	29163
Ion Ratio	Lower	Upper
93	100	
63	78.9	59.0 88.6
95	34.9	24.0 36.0



#12
2-Chlorophenol
Concen: 4.288 ng/ul
RT: 6.975 min Scan# 695
Delta R.T. 0.000 min
Lab File: BM046948.D
Acq: 02 Aug 2024 14:20

Tgt Ion: 128	Resp:	28285
Ion Ratio	Lower	Upper
128	100	
64	49.2	37.0 55.4
130	30.2	24.1 36.1

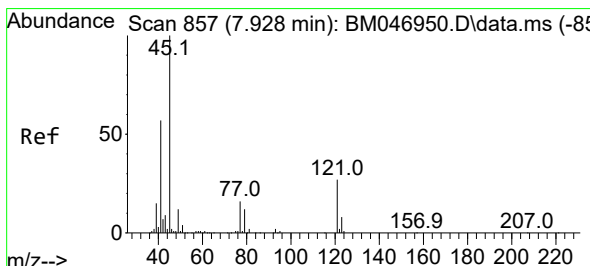
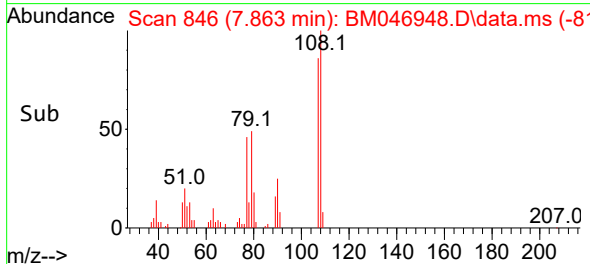
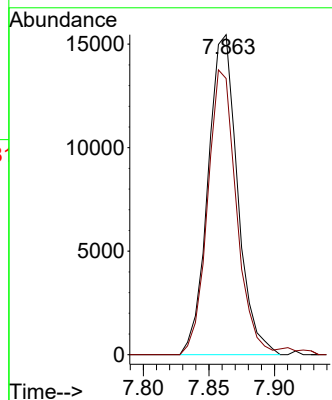
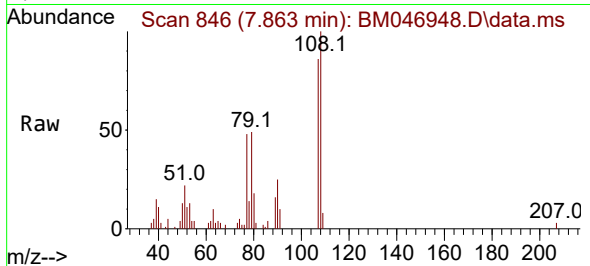




#13
2-Methylphenol
Concen: 4.715 ng/ul
RT: 7.863 min Scan# 845
Delta R.T. 0.006 min
Lab File: BM046948.D
Acq: 02 Aug 2024 14:20

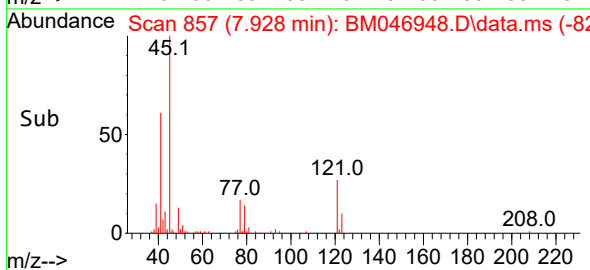
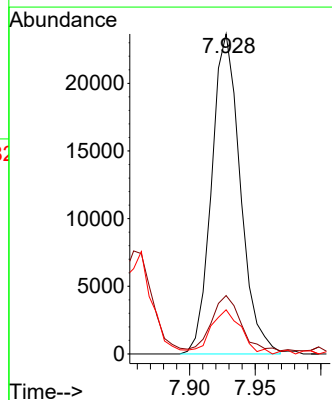
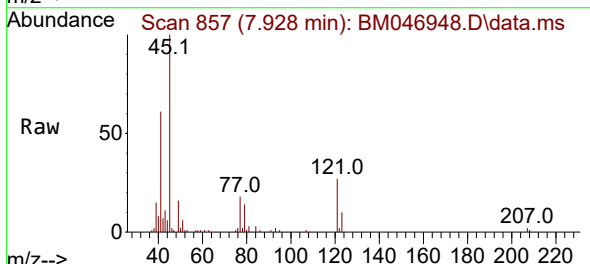
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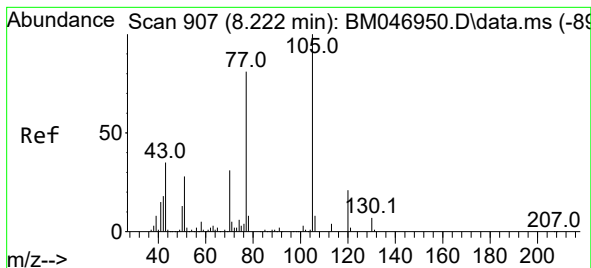
Tgt Ion:108 Resp: 24293
Ion Ratio Lower Upper
108 100
107 86.3 67.4 101.0



#14
2,2'-oxybis(1-Chloropropane)
Concen: 5.433 ng/ul
RT: 7.928 min Scan# 857
Delta R.T. 0.000 min
Lab File: BM046948.D
Acq: 02 Aug 2024 14:20

Tgt Ion: 45 Resp: 36036
Ion Ratio Lower Upper
45 100
77 18.2 13.2 19.8
79 13.8 9.8 14.6





#16

Acetophenone

Concen: 5.016 ng/ul

RT: 8.222 min Scan# 907

Delta R.T. 0.000 min

Lab File: BM046948.D

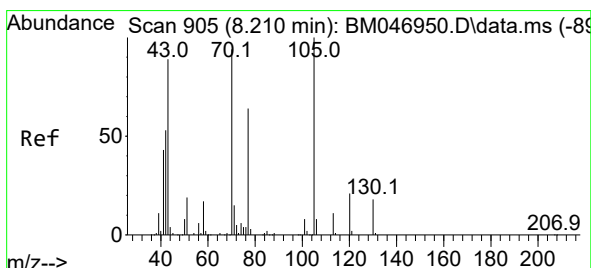
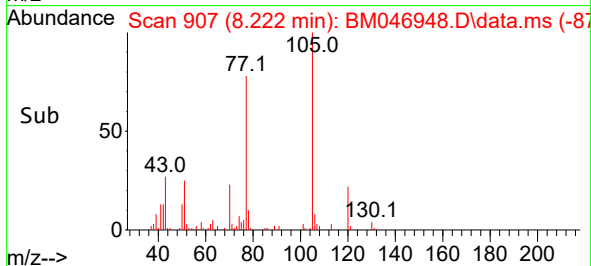
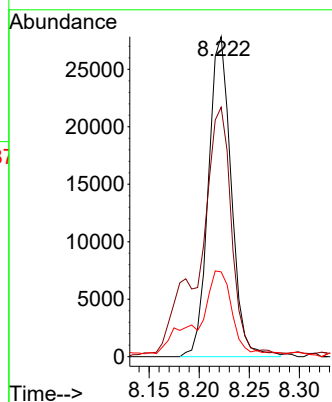
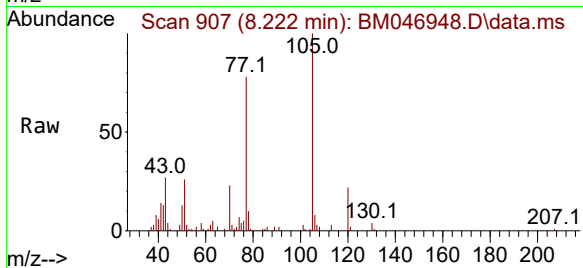
Acq: 02 Aug 2024 14:20

Instrument :

BNA_M

ClientSampleId :

Tgt Ion:	105	Resp:	44108
Ion Ratio	Lower	Upper	
105	100		
77	78.0	66.1	99.1
51	26.5	23.0	34.4



#17

N-Nitroso-di-n-propylamine

Concen: 5.520 ng/ul

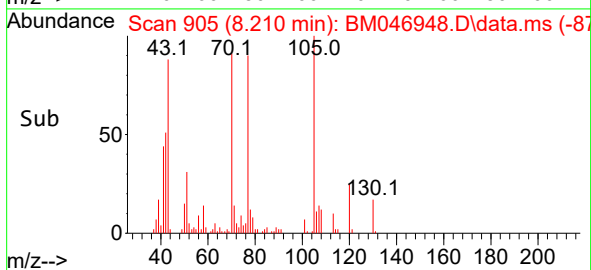
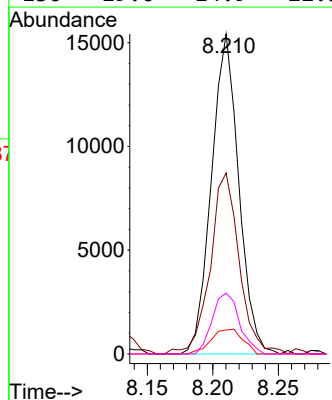
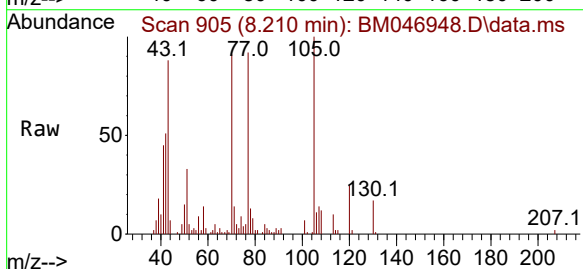
RT: 8.210 min Scan# 905

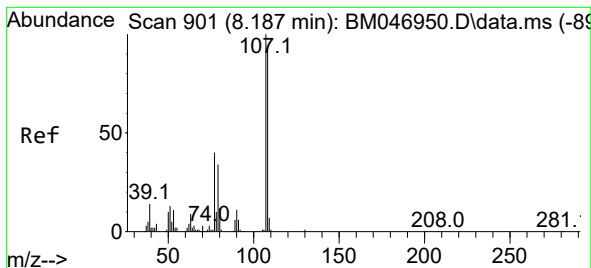
Delta R.T. 0.000 min

Lab File: BM046948.D

Acq: 02 Aug 2024 14:20

Tgt Ion:	70	Resp:	22341
Ion Ratio	Lower	Upper	
70	100		
42	56.5	45.8	68.8
101	7.5	6.9	10.3
130	19.0	14.9	22.3

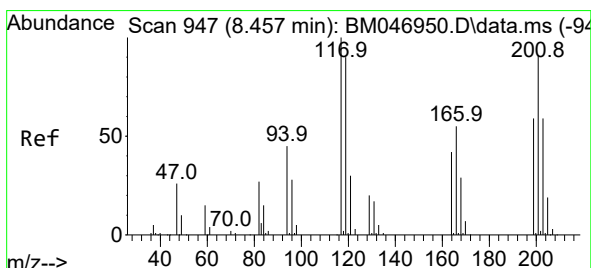
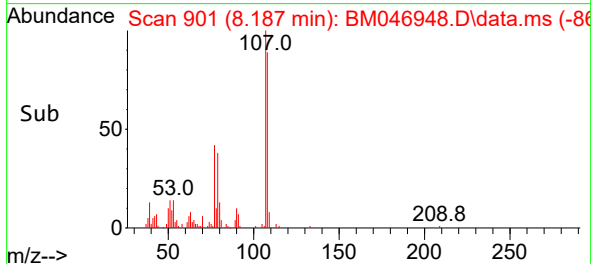
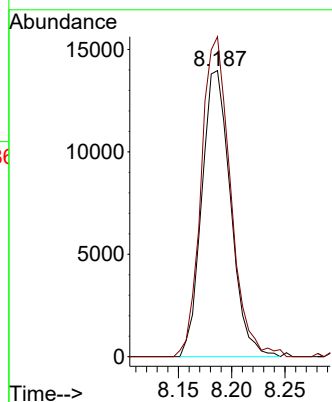
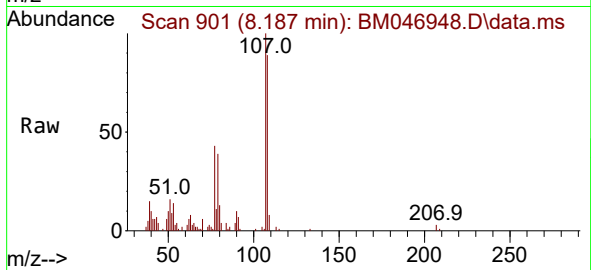




#18
4-Methylphenol
Concen: 4.728 ng/ul
RT: 8.187 min Scan# 901
Delta R.T. 0.000 min
Lab File: BM046948.D
Acq: 02 Aug 2024 14:20

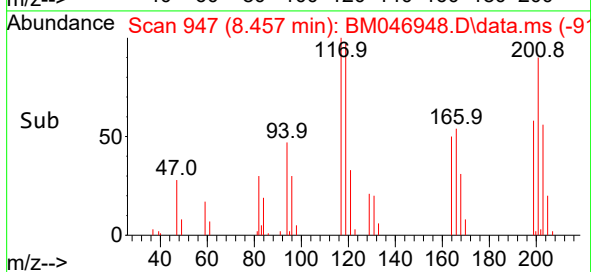
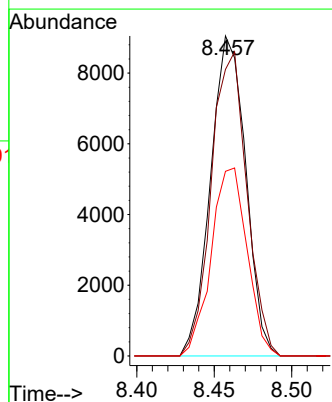
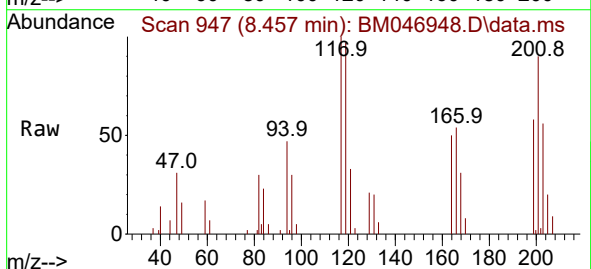
Instrument :
BNA_M
ClientSampleId :

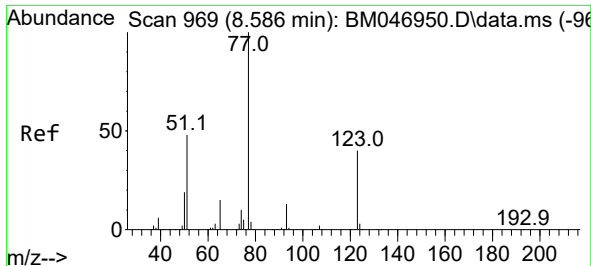
Tgt Ion:108 Resp: 26321
Ion Ratio Lower Upper
108 100
107 111.9 86.4 129.6



#19
Hexachloroethane
Concen: 5.070 ng/ul
RT: 8.457 min Scan# 947
Delta R.T. 0.000 min
Lab File: BM046948.D
Acq: 02 Aug 2024 14:20

Tgt Ion:117 Resp: 14286
Ion Ratio Lower Upper
117 100
201 89.5 72.7 109.1
199 57.7 46.9 70.3

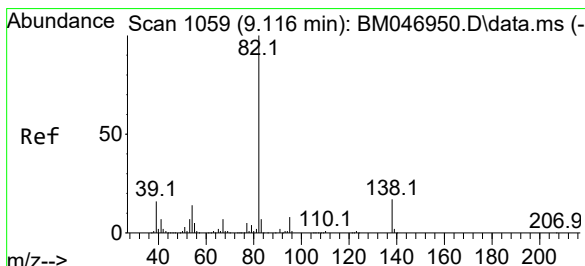
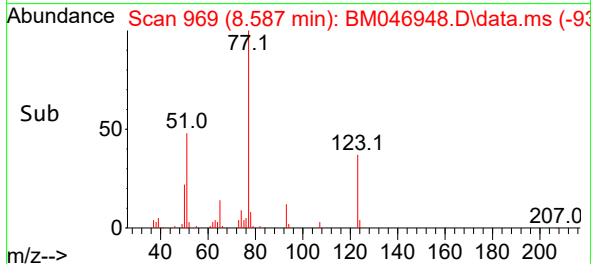
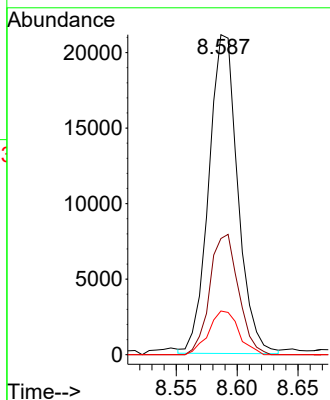
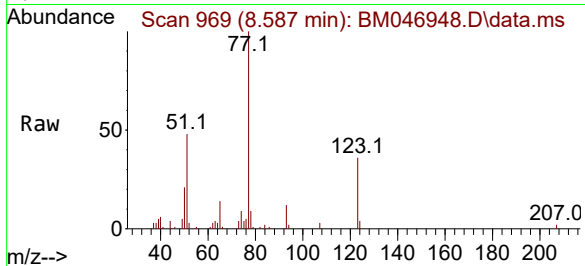




#22
Nitrobenzene
Concen: 5.089 ng/ul
RT: 8.587 min Scan# 969
Delta R.T. 0.000 min
Lab File: BM046948.D
Acq: 02 Aug 2024 14:20

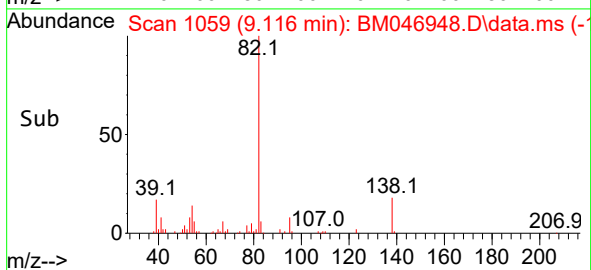
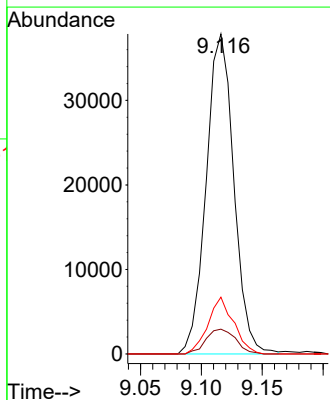
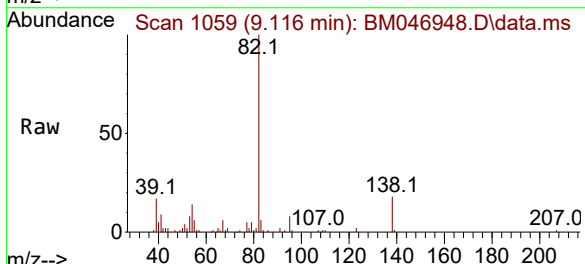
Instrument :
BNA_M
ClientSampleId :

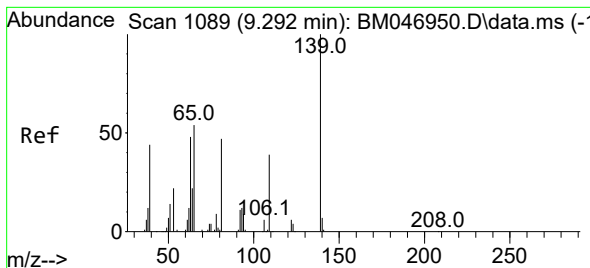
Tgt Ion	Ratio	Lower	Upper
77	100		
123	36.3	31.4	47.2
65	13.7	12.1	18.1



#23
Isophorone
Concen: 4.633 ng/ul
RT: 9.116 min Scan# 1059
Delta R.T. 0.000 min
Lab File: BM046948.D
Acq: 02 Aug 2024 14:20

Tgt Ion	Ratio	Lower	Upper
82	100		
95	7.7	6.4	9.6
138	17.8	13.6	20.4





#25

2-Nitrophenol

Concen: 3.654 ng/ul

RT: 9.292 min Scan# 1089

Delta R.T. 0.000 min

Lab File: BM046948.D

Acq: 02 Aug 2024 14:20

Instrument :

BNA_M

ClientSampleId :

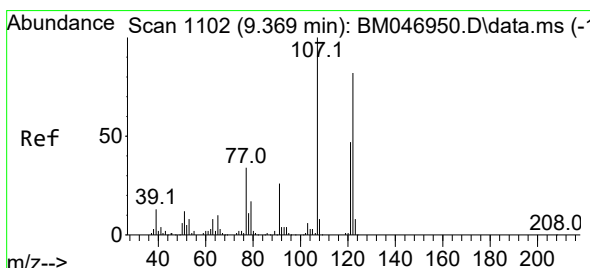
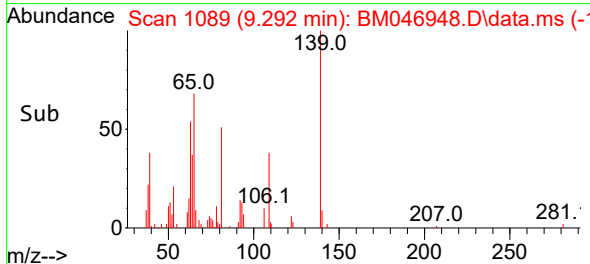
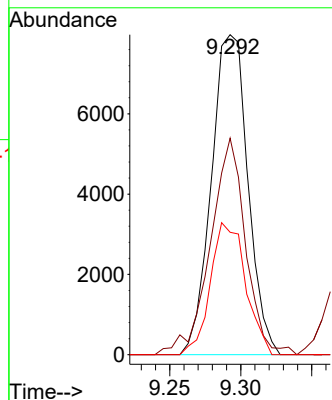
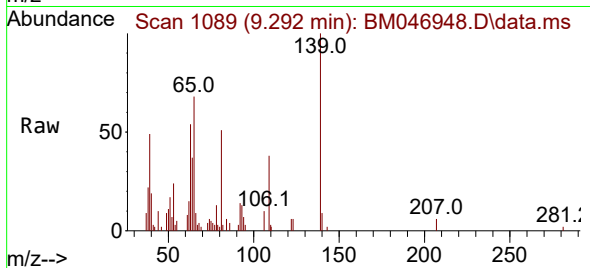
Tgt Ion:139 Resp: 14272

Ion Ratio Lower Upper

139 100

65 67.7 45.1 67.7

109 38.2 30.9 46.3



#26

2,4-Dimethylphenol

Concen: 4.276 ng/ul

RT: 9.369 min Scan# 1102

Delta R.T. 0.000 min

Lab File: BM046948.D

Acq: 02 Aug 2024 14:20

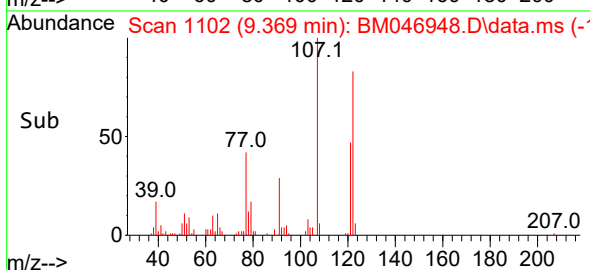
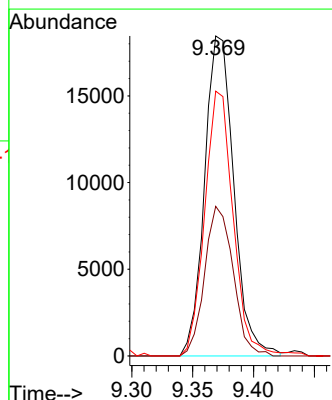
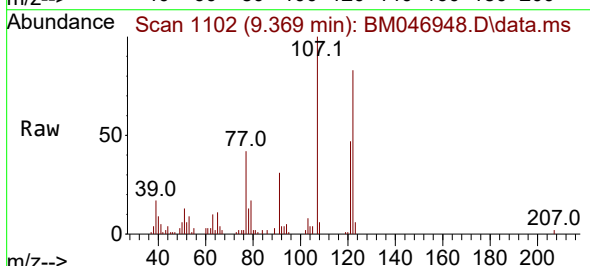
Tgt Ion:107 Resp: 30861

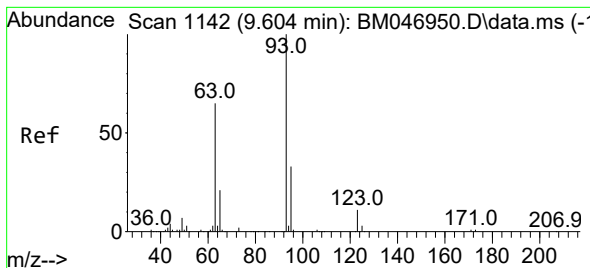
Ion Ratio Lower Upper

107 100

121 46.7 37.3 55.9

122 82.7 65.8 98.6





#27

Bis(2-Chloroethoxy)methane

Concen: 4.989 ng/ul

RT: 9.604 min Scan# 1142

Delta R.T. 0.000 min

Lab File: BM046948.D

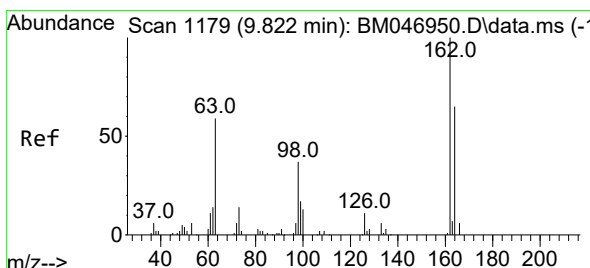
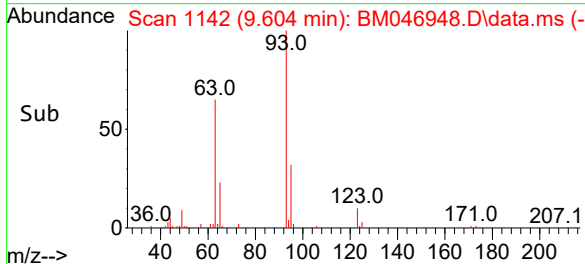
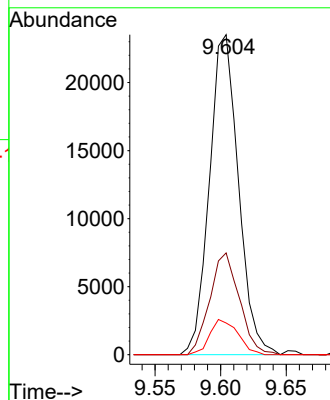
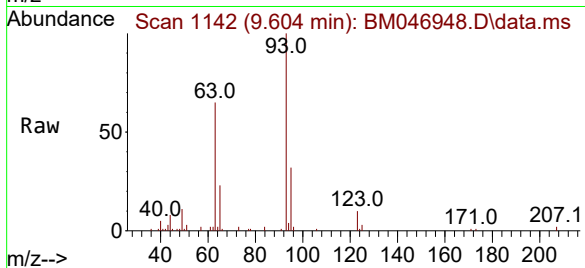
Acq: 02 Aug 2024 14:20

Instrument :

BNA_M

ClientSampleId :

Tgt Ion:	93	Resp:	36202
Ion	Ratio	Lower	Upper
93	100		
95	31.8	26.1	39.1
123	9.9	9.1	13.7



#29

2,4-Dichlorophenol

Concen: 3.840 ng/ul

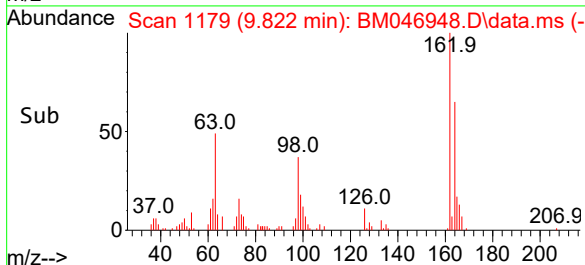
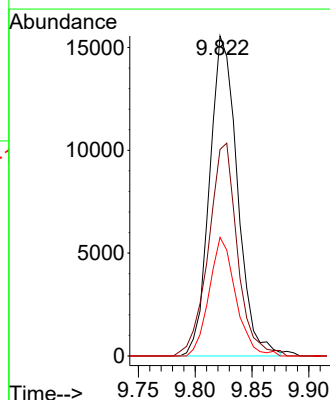
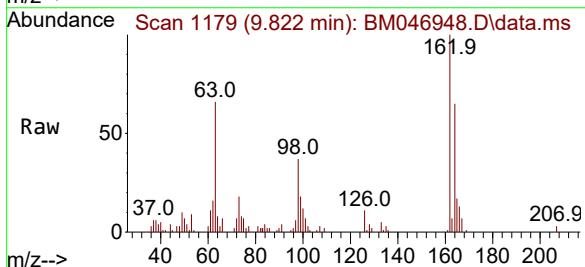
RT: 9.822 min Scan# 1179

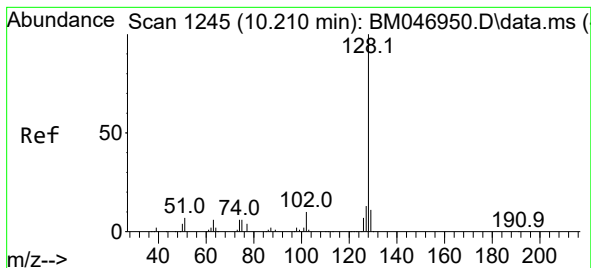
Delta R.T. 0.000 min

Lab File: BM046948.D

Acq: 02 Aug 2024 14:20

Tgt Ion:	162	Resp:	26608
Ion	Ratio	Lower	Upper
162	100		
164	64.6	53.3	79.9
98	37.1	29.6	44.4

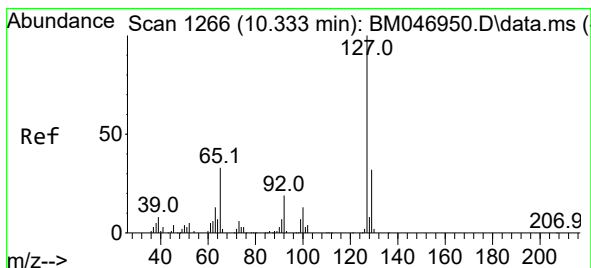
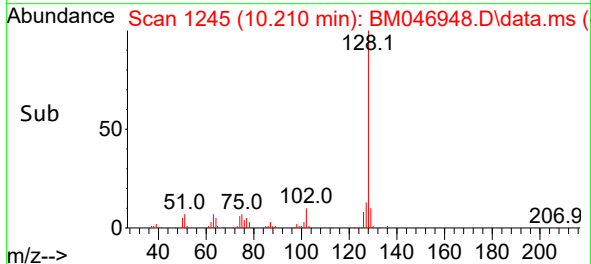
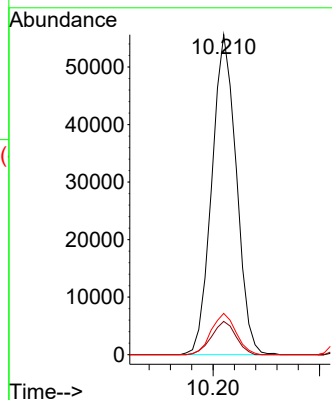
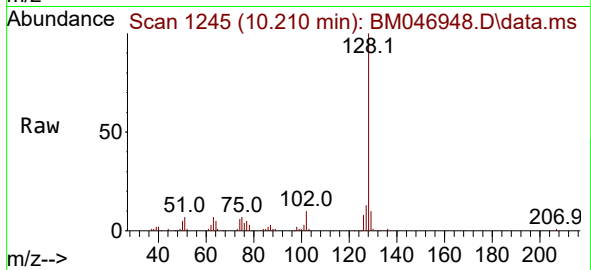




#30
Naphthalene
Concen: 5.021 ng/ul
RT: 10.210 min Scan# 1245
Delta R.T. 0.000 min
Lab File: BM046948.D
Acq: 02 Aug 2024 14:20

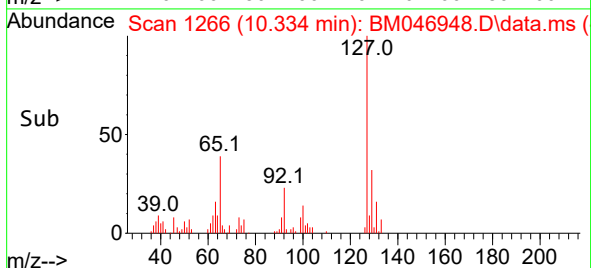
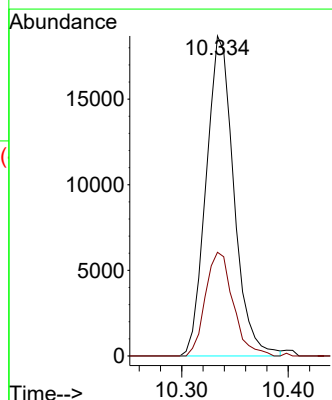
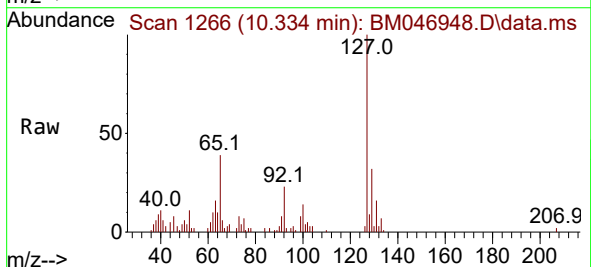
Instrument :
BNA_M
ClientSampleId :

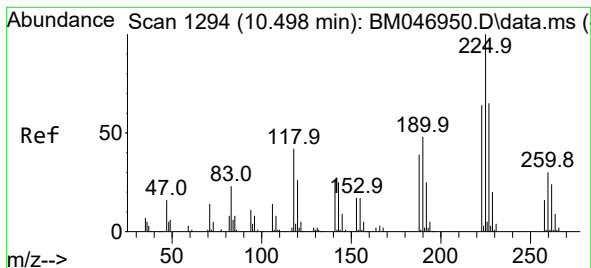
Tgt Ion:128 Resp: 88763
Ion Ratio Lower Upper
128 100
129 10.4 8.6 13.0
127 12.9 10.4 15.6



#32
4-Chloroaniline
Concen: 4.644 ng/ul
RT: 10.334 min Scan# 1266
Delta R.T. 0.000 min
Lab File: BM046948.D
Acq: 02 Aug 2024 14:20

Tgt Ion:127 Resp: 33841
Ion Ratio Lower Upper
127 100
129 32.4 25.6 38.4

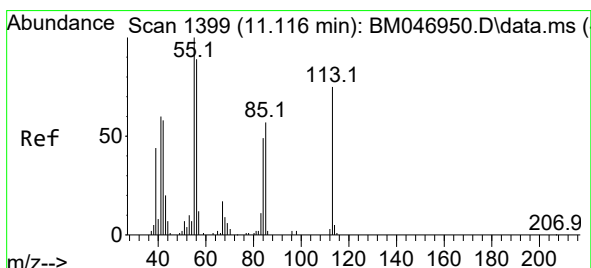
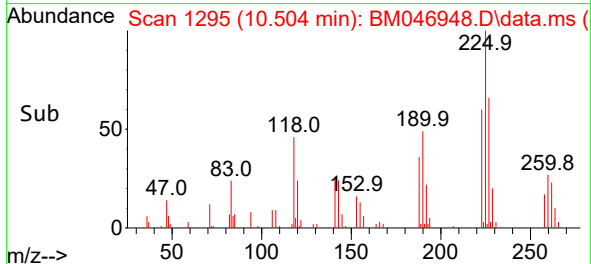
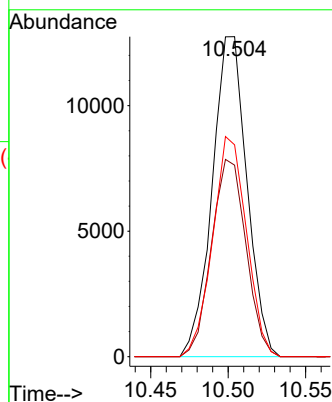
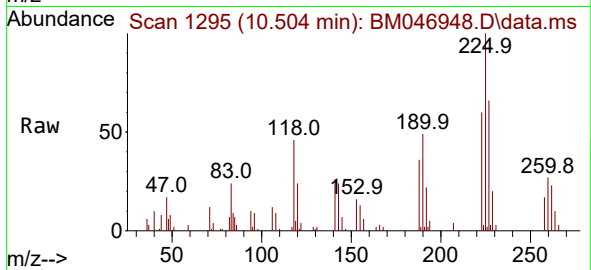




#33
Hexachlorobutadiene
Concen: 3.557 ng/ul
RT: 10.504 min Scan# 1295
Delta R.T. 0.006 min
Lab File: BM046948.D
Acq: 02 Aug 2024 14:20

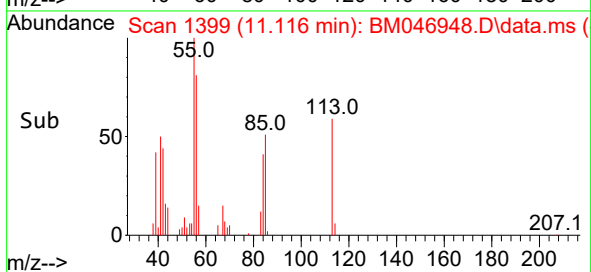
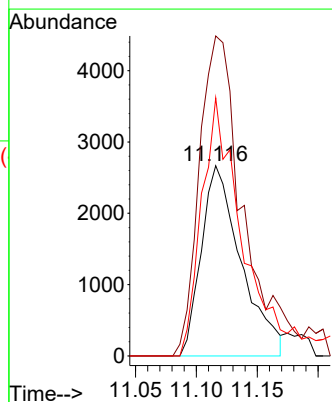
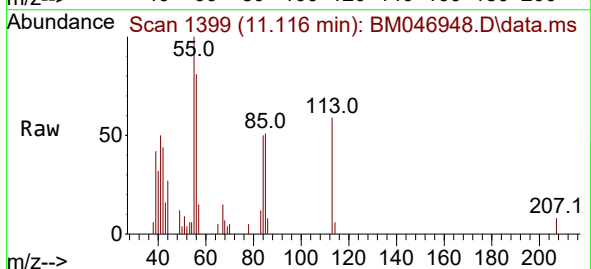
Instrument :
BNA_M
ClientSampleId :

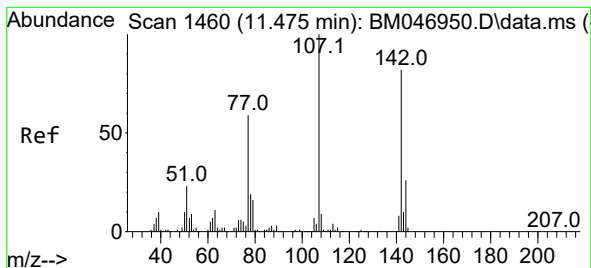
Tgt Ion	Ratio	Lower	Upper
225	100		
223	59.9	51.0	76.6
227	68.7	52.3	78.5



#34
Caprolactam
Concen: 3.528 ng/ul
RT: 11.116 min Scan# 1399
Delta R.T. 0.000 min
Lab File: BM046948.D
Acq: 02 Aug 2024 14:20

Tgt Ion	Ratio	Lower	Upper
113	100		
55	168.2	106.3	159.5#
56	135.6	94.6	141.8

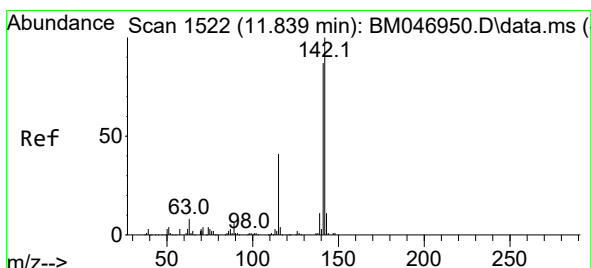
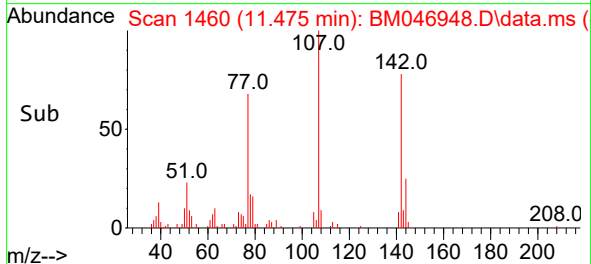
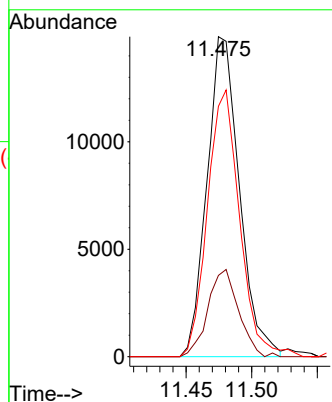
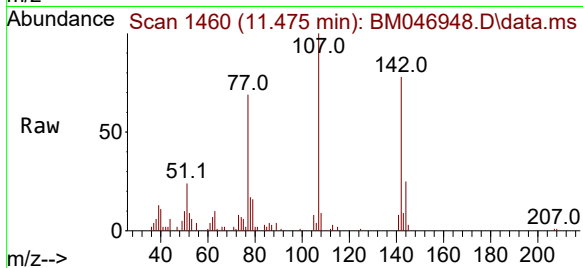




#35
4-Chloro-3-methylphenol
Concen: 4.517 ng/ul
RT: 11.475 min Scan# 1460
Delta R.T. 0.000 min
Lab File: BM046948.D
Acq: 02 Aug 2024 14:20

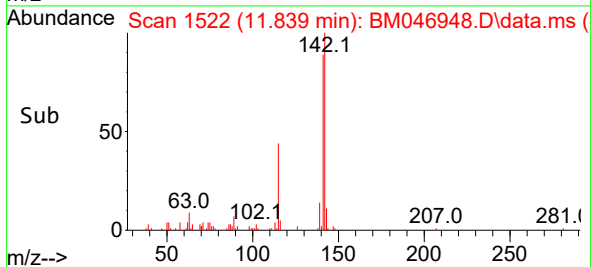
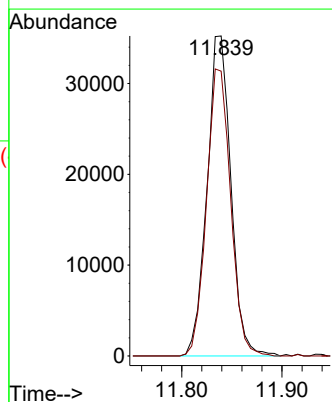
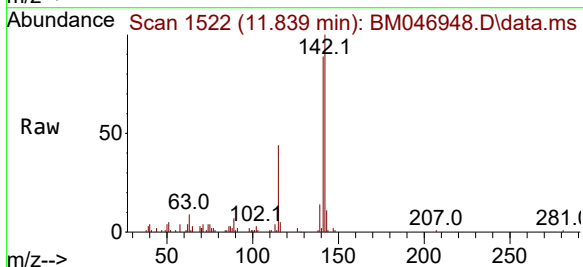
Instrument :
BNA_M
ClientSampleId :

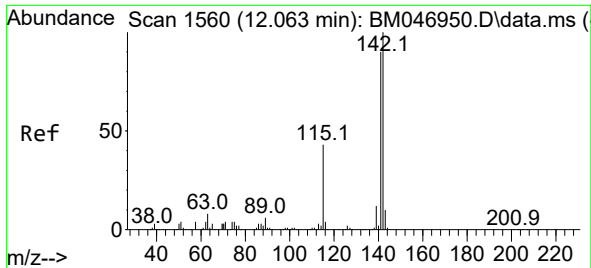
Tgt Ion	Ratio	Lower	Upper
107	100		
144	25.4	21.1	31.7
142	78.2	65.3	97.9



#36
2-Methylnaphthalene
Concen: 3.864 ng/ul
RT: 11.839 min Scan# 1522
Delta R.T. 0.000 min
Lab File: BM046948.D
Acq: 02 Aug 2024 14:20

Tgt Ion	Ratio	Lower	Upper
142	100		
141	89.0	69.9	104.9

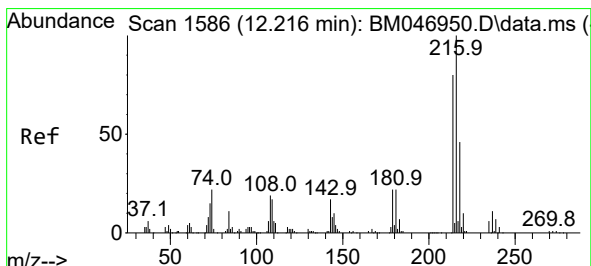
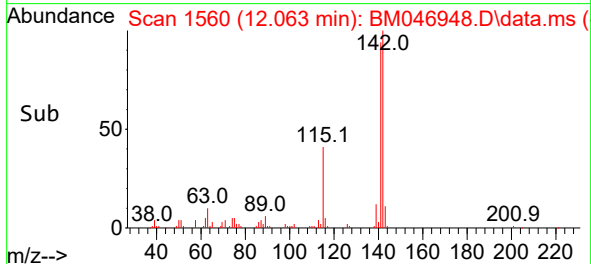
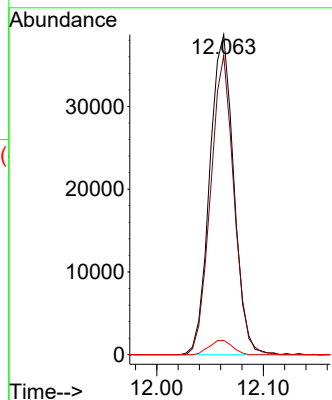
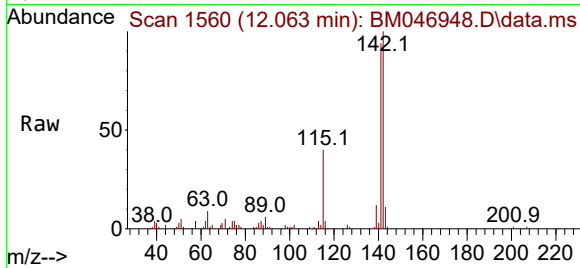




#37
1-Methylnaphthalene
Concen: 4.064 ng/ul
RT: 12.063 min Scan# 1560
Delta R.T. 0.000 min
Lab File: BM046948.D
Acq: 02 Aug 2024 14:20

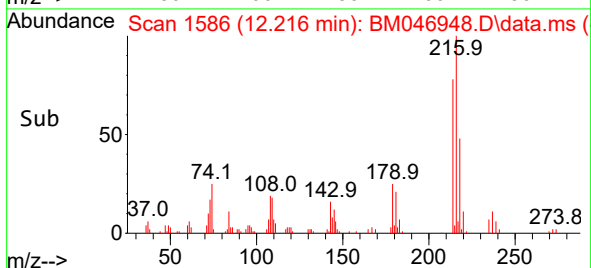
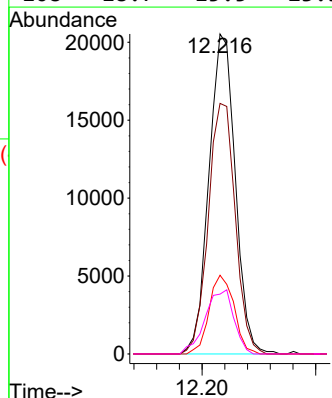
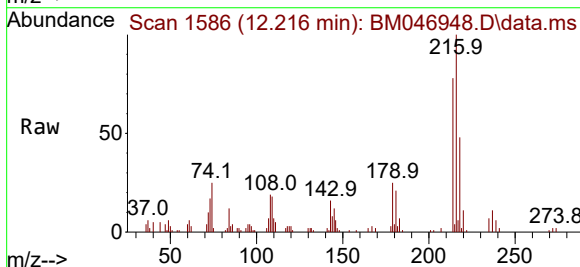
Instrument :
BNA_M
ClientSampleId :

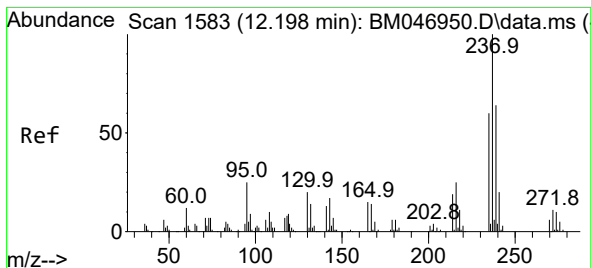
Tgt Ion:142 Resp: 60687
Ion Ratio Lower Upper
142 100
141 93.5 72.0 108.0
116 4.4 3.6 5.4



#39
1,2,4,5-Tetrachlorobenzene
Concen: 3.853 ng/ul
RT: 12.216 min Scan# 1586
Delta R.T. 0.000 min
Lab File: BM046948.D
Acq: 02 Aug 2024 14:20

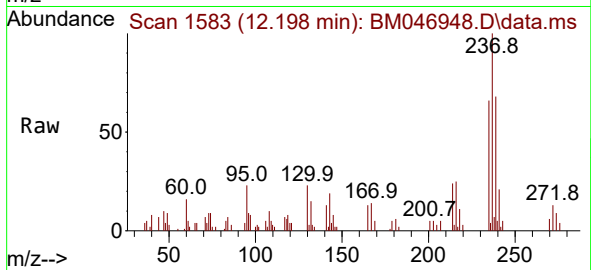
Tgt Ion:216 Resp: 33039
Ion Ratio Lower Upper
216 100
214 78.3 63.7 95.5
179 24.6 17.3 25.9
108 18.7 15.5 23.3



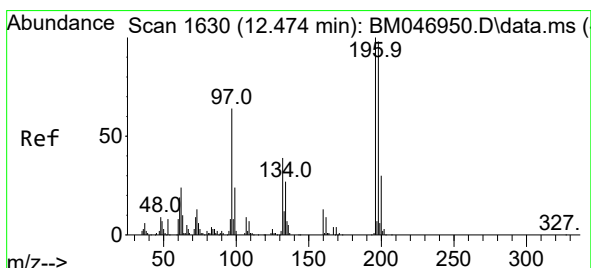
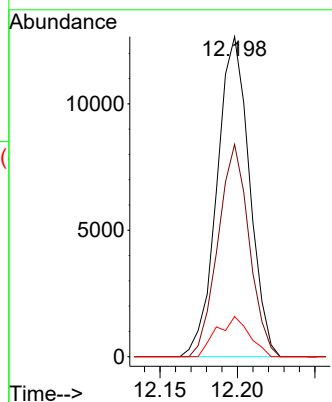
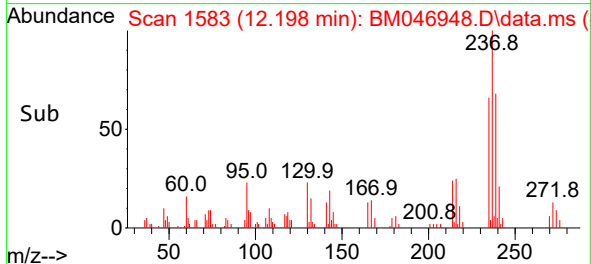


#40
Hexachlorocyclopentadiene
Concen: 3.665 ng/ul
RT: 12.198 min Scan# 1583
Delta R.T. 0.000 min
Lab File: BM046948.D
Acq: 02 Aug 2024 14:20

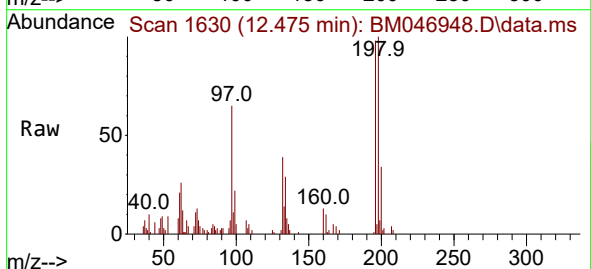
Instrument :
BNA_M
ClientSampleId :



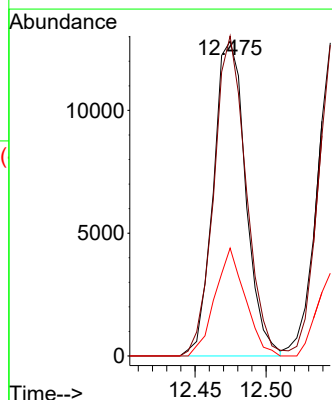
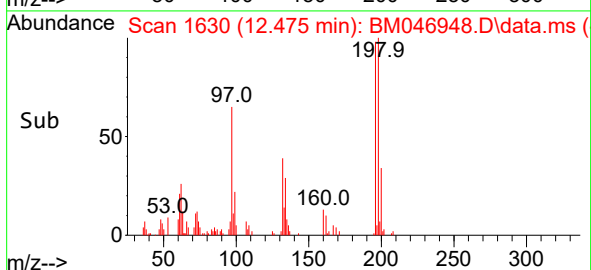
Tgt Ion:237 Resp: 18431
Ion Ratio Lower Upper
237 100
235 66.3 48.4 72.6
272 12.6 8.8 13.2

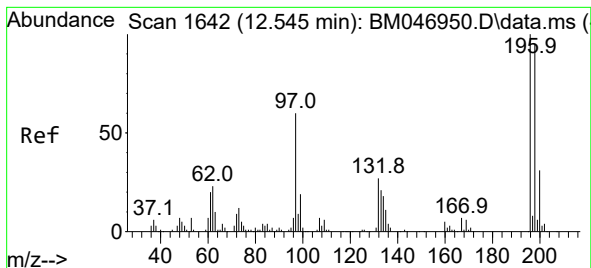


#41
2,4,6-Trichlorophenol
Concen: 3.803 ng/ul
RT: 12.475 min Scan# 1630
Delta R.T. 0.000 min
Lab File: BM046948.D
Acq: 02 Aug 2024 14:20



Tgt Ion:196 Resp: 20301
Ion Ratio Lower Upper
196 100
198 101.7 78.7 118.1
200 34.3 23.9 35.9





#42

2,4,5-Trichlorophenol

Concen: 3.887 ng/ul

RT: 12.545 min Scan# 1

Delta R.T. 0.000 min

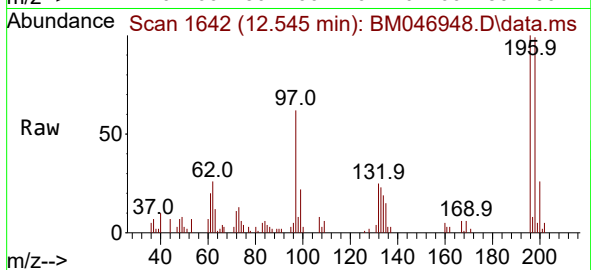
Lab File: BM046948.D

Acq: 02 Aug 2024 14:20

Instrument :

BNA_M

ClientSampleId :



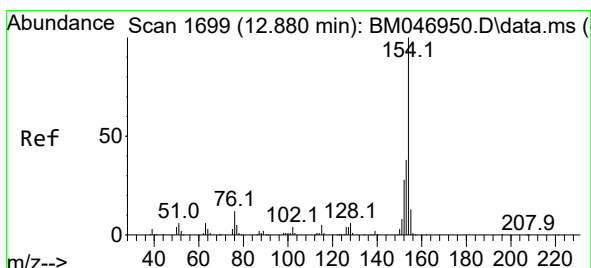
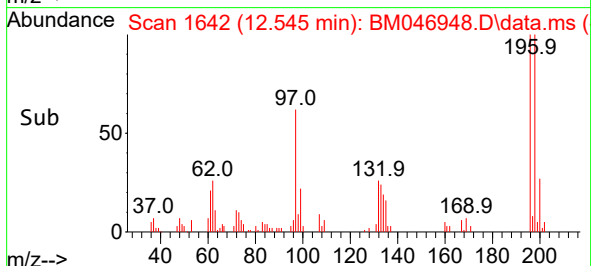
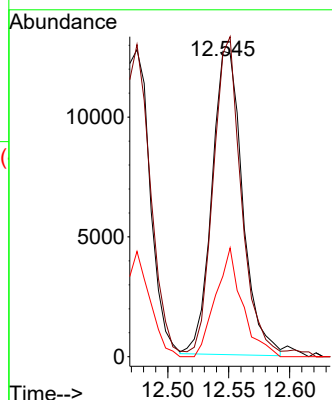
Tgt Ion:196 Resp: 22266

Ion Ratio Lower Upper

196 100

198 99.3 76.2 114.2

200 26.4 25.0 37.6



#43

1,1'-Biphenyl

Concen: 4.845 ng/ul

RT: 12.880 min Scan# 1699

Delta R.T. 0.000 min

Lab File: BM046948.D

Acq: 02 Aug 2024 14:20

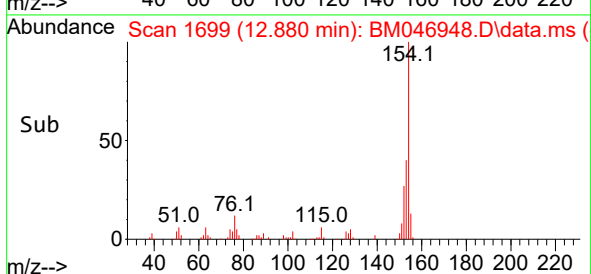
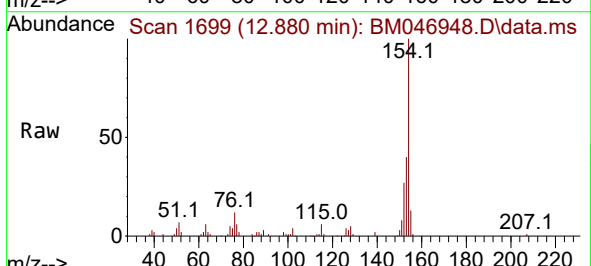
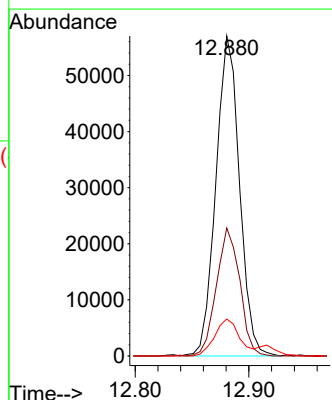
Tgt Ion:154 Resp: 82283

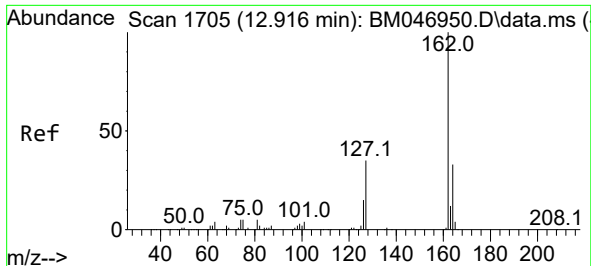
Ion Ratio Lower Upper

154 100

153 40.0 30.7 46.1

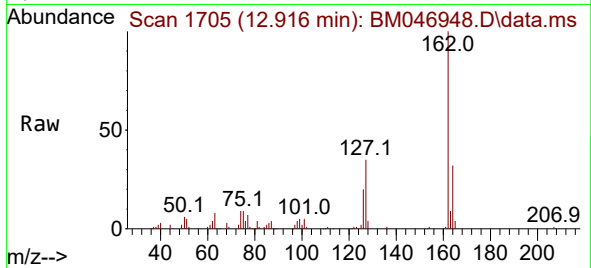
76 11.5 9.3 13.9



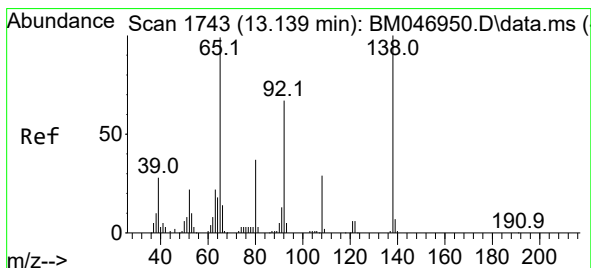
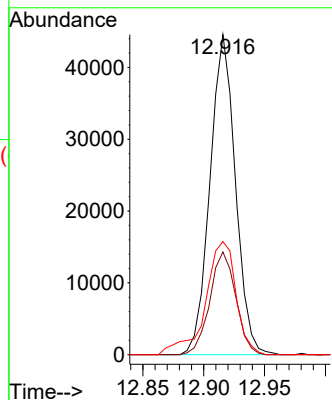
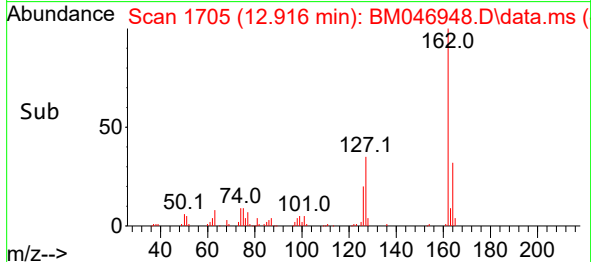


#44
2-Chloronaphthalene
Concen: 4.664 ng/ul
RT: 12.916 min Scan# 1705
Delta R.T. 0.000 min
Lab File: BM046948.D
Acq: 02 Aug 2024 14:20

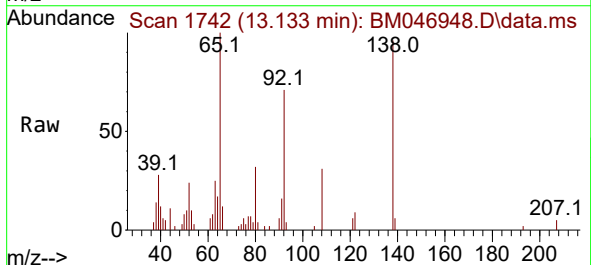
Instrument :
BNA_M
ClientSampleId :



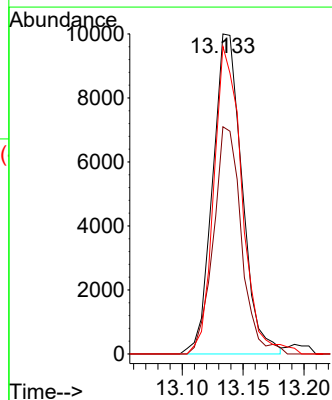
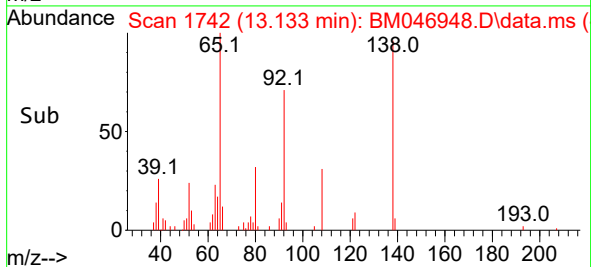
Tgt Ion:162 Resp: 64803
Ion Ratio Lower Upper
162 100
164 32.1 26.5 39.7
127 35.3 30.6 45.8

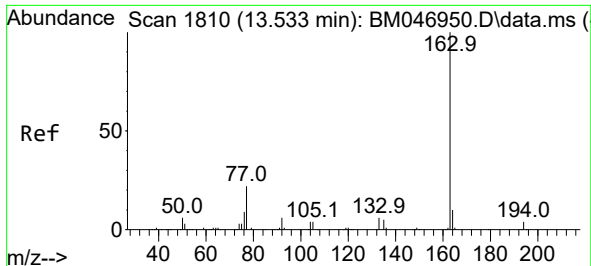


#45
2-Nitroaniline
Concen: 4.730 ng/ul
RT: 13.133 min Scan# 1742
Delta R.T. -0.006 min
Lab File: BM046948.D
Acq: 02 Aug 2024 14:20



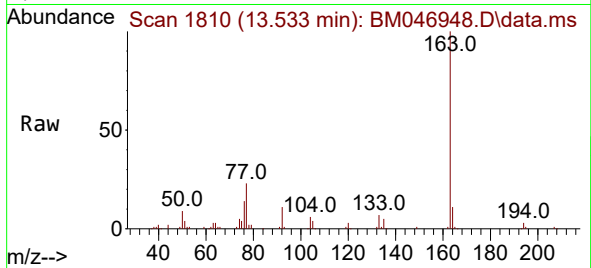
Tgt Ion: 65 Resp: 16796
Ion Ratio Lower Upper
65 100
92 71.0 54.0 81.0
138 96.1 81.0 121.4



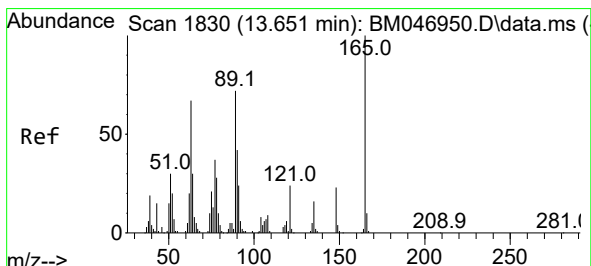
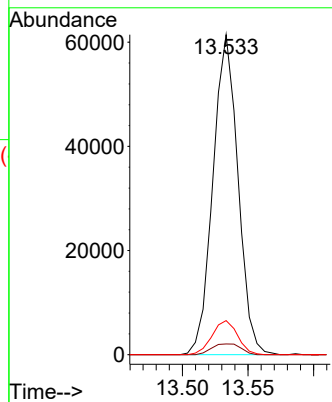
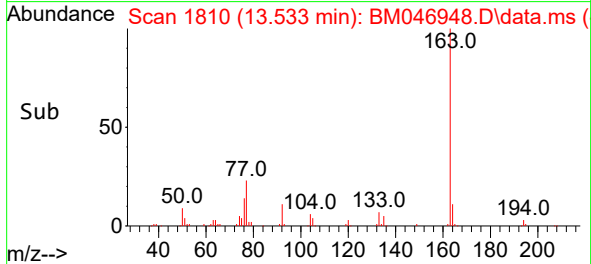


#47
Dimethylphthalate
Concen: 4.903 ng/ul
RT: 13.533 min Scan# 1810
Delta R.T. 0.000 min
Lab File: BM046948.D
Acq: 02 Aug 2024 14:20

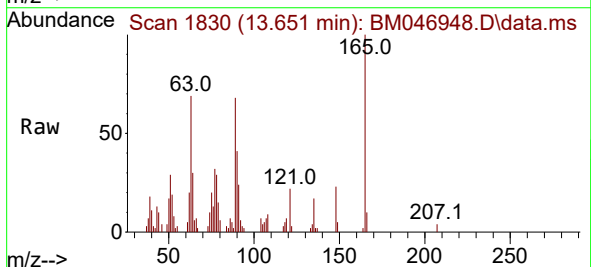
Instrument :
BNA_M
ClientSampleId :



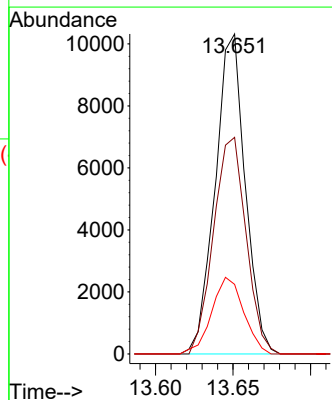
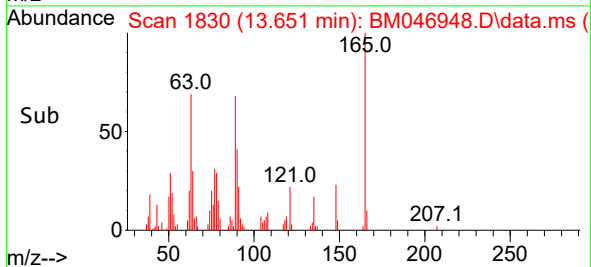
Tgt Ion:163 Resp: 81575
Ion Ratio Lower Upper
163 100
194 3.4 3.3 4.9
164 10.7 8.1 12.1

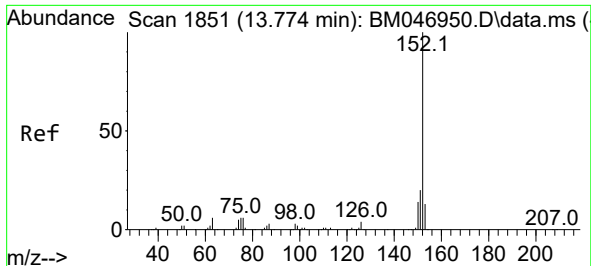


#48
2,6-Dinitrotoluene
Concen: 4.141 ng/ul
RT: 13.651 min Scan# 1830
Delta R.T. 0.000 min
Lab File: BM046948.D
Acq: 02 Aug 2024 14:20



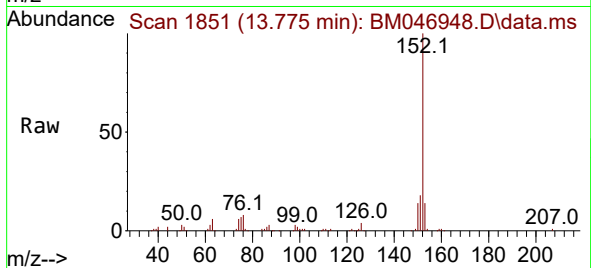
Tgt Ion:165 Resp: 13936
Ion Ratio Lower Upper
165 100
89 67.7 57.8 86.8
121 21.8 19.4 29.0



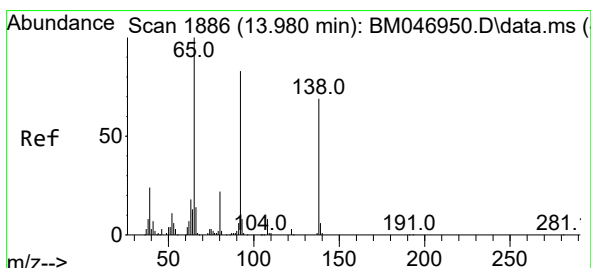
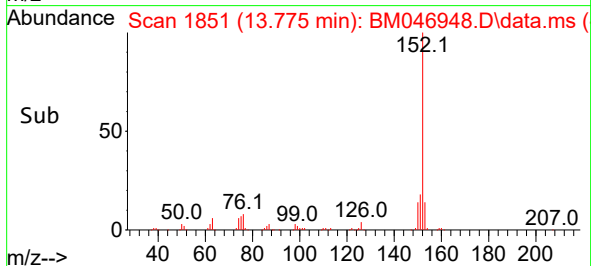
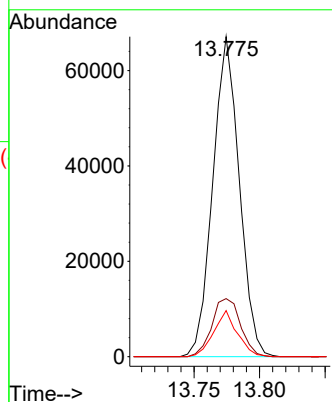


#50
Acenaphthylene
Concen: 4.958 ng/ul
RT: 13.775 min Scan# 1851
Delta R.T. 0.000 min
Lab File: BM046948.D
Acq: 02 Aug 2024 14:20

Instrument :
BNA_M
ClientSampleId :

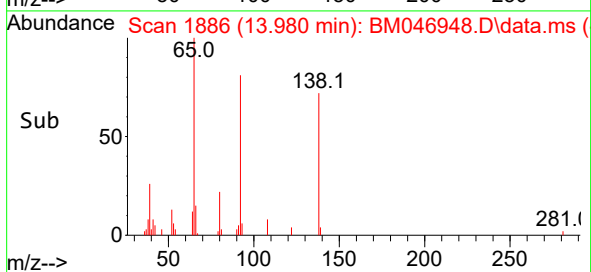
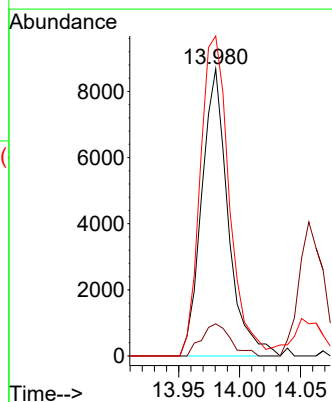
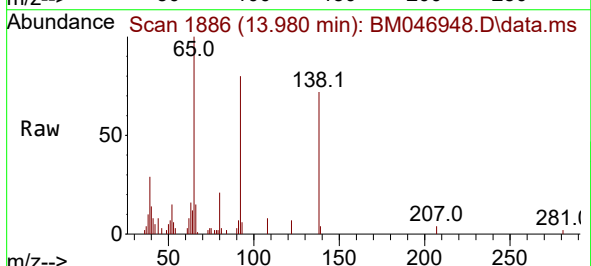


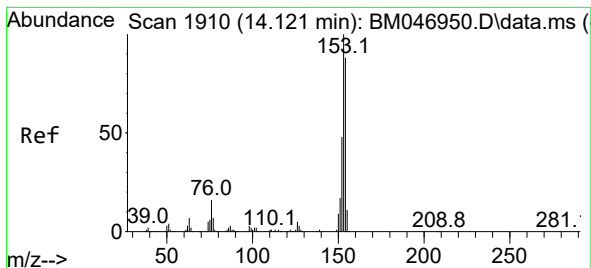
Tgt Ion:152 Resp: 94092
Ion Ratio Lower Upper
152 100
151 18.1 15.7 23.5
153 14.4 10.1 15.1



#51
3-Nitroaniline
Concen: 3.982 ng/ul
RT: 13.980 min Scan# 1886
Delta R.T. 0.000 min
Lab File: BM046948.D
Acq: 02 Aug 2024 14:20

Tgt Ion:138 Resp: 13120
Ion Ratio Lower Upper
138 100
108 11.2 9.4 14.2
92 111.5 96.6 144.8





#52

Acenaphthene

Concen: 5.016 ng/ul

RT: 14.122 min Scan# 1910

Delta R.T. 0.000 min

Lab File: BM046948.D

Acq: 02 Aug 2024 14:20

Instrument :

BNA_M

ClientSampleId :

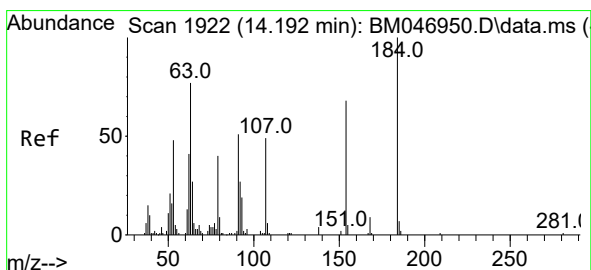
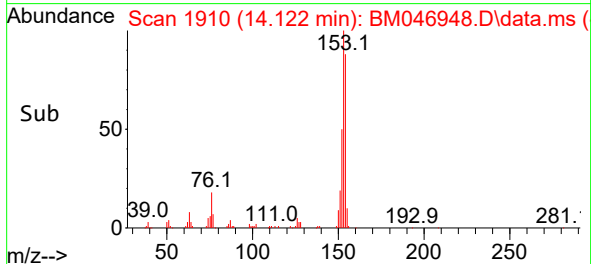
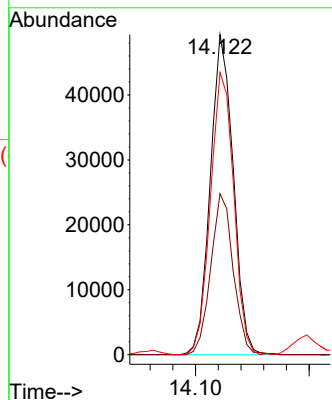
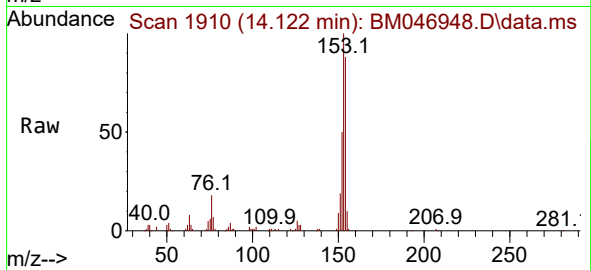
Tgt Ion:153 Resp: 69200

Ion Ratio Lower Upper

153 100

152 50.3 38.2 57.2

154 88.2 70.1 105.1



#53

2,4-Dinitrophenol

Concen: 2.874 ng/ul

RT: 14.198 min Scan# 1923

Delta R.T. 0.006 min

Lab File: BM046948.D

Acq: 02 Aug 2024 14:20

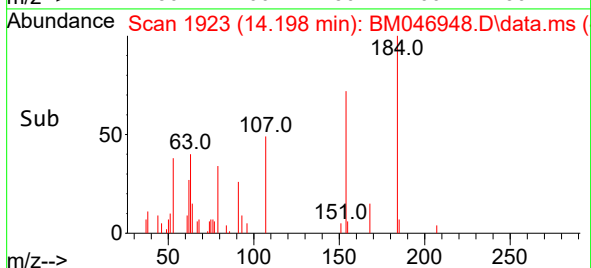
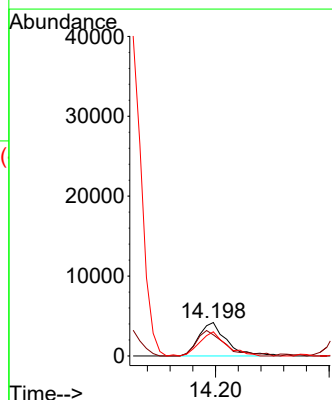
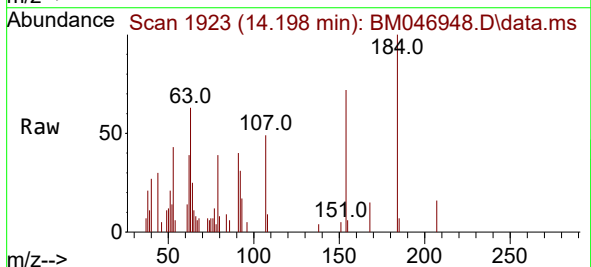
Tgt Ion:184 Resp: 7105

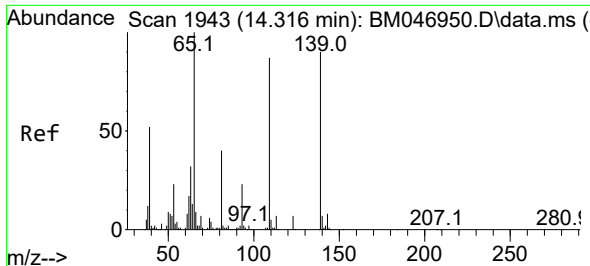
Ion Ratio Lower Upper

184 100

63 63.3 61.9 92.9

154 72.1 55.6 83.4

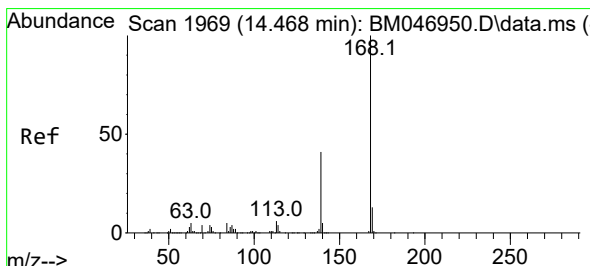
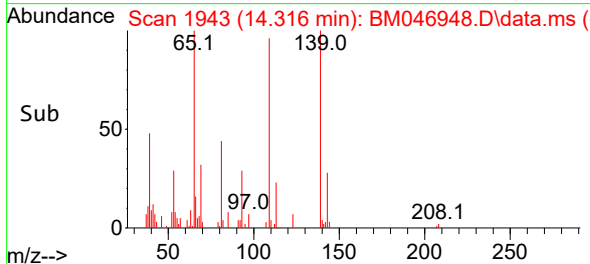
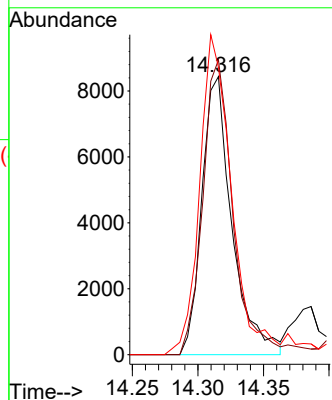
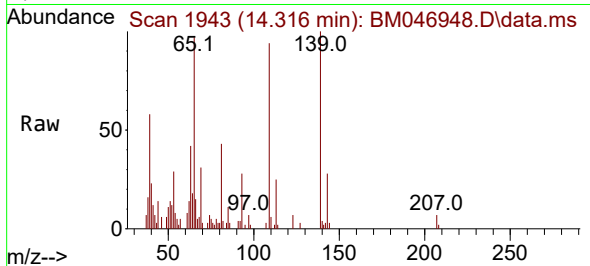




#55
4-Nitrophenol
Concen: 3.600 ng/ul
RT: 14.316 min Scan# 1943
Delta R.T. 0.000 min
Lab File: BM046948.D
Acq: 02 Aug 2024 14:20

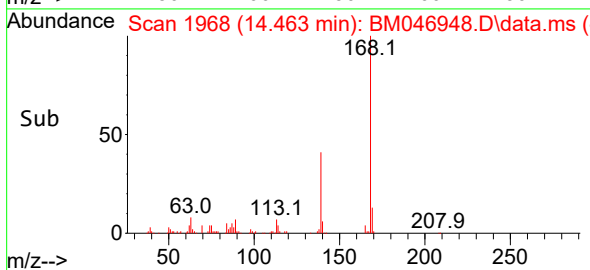
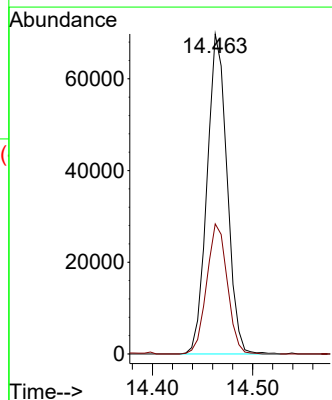
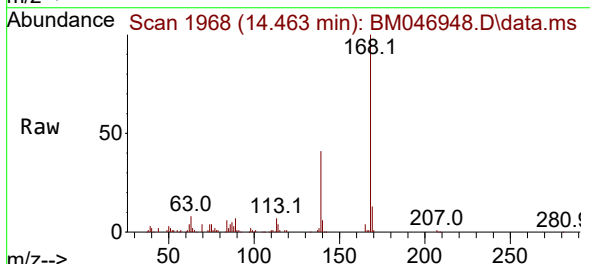
Instrument :
BNA_M
ClientSampleId :

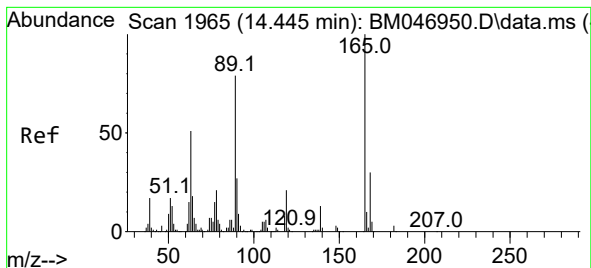
Tgt Ion:109 Resp: 13543
Ion Ratio Lower Upper
109 100
139 106.1 82.3 123.5
65 103.4 92.6 139.0



#56
Dibenzofuran
Concen: 4.622 ng/ul
RT: 14.463 min Scan# 1968
Delta R.T. -0.006 min
Lab File: BM046948.D
Acq: 02 Aug 2024 14:20

Tgt Ion:168 Resp: 96947
Ion Ratio Lower Upper
168 100
139 40.7 33.0 49.4

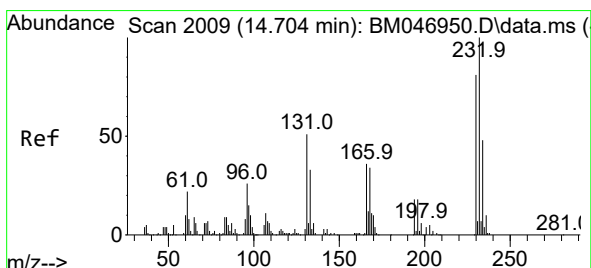
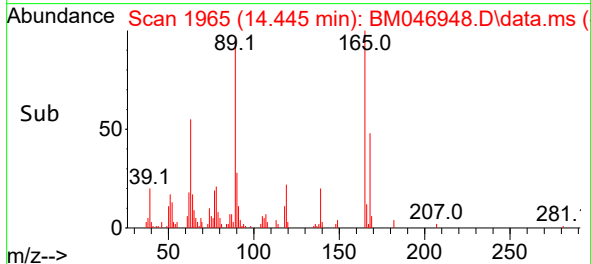
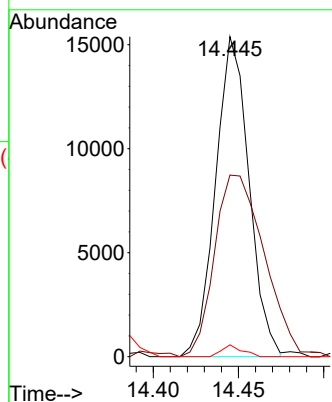
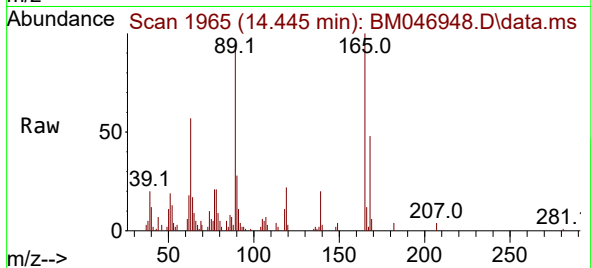




#57
2,4-Dinitrotoluene
Concen: 4.105 ng/ul
RT: 14.445 min Scan# 1965
Delta R.T. 0.000 min
Lab File: BM046948.D
Acq: 02 Aug 2024 14:20

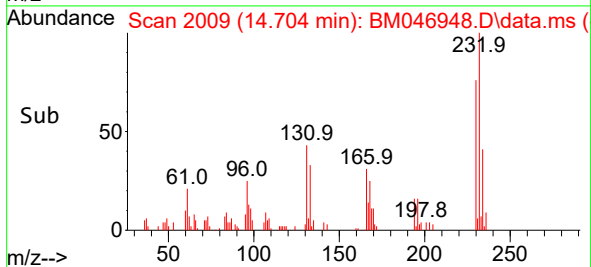
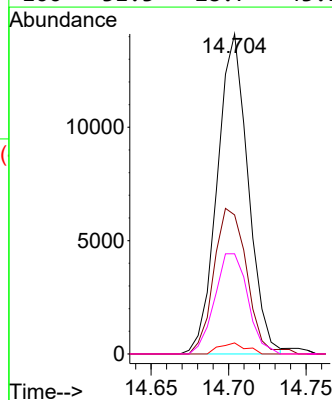
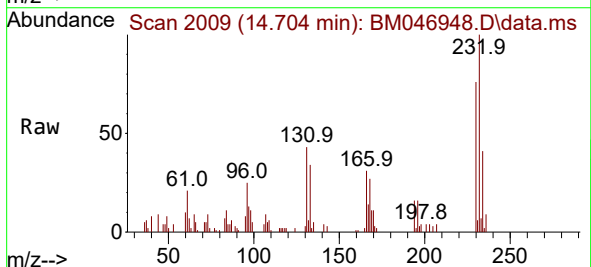
Instrument :
BNA_M
ClientSampleId :

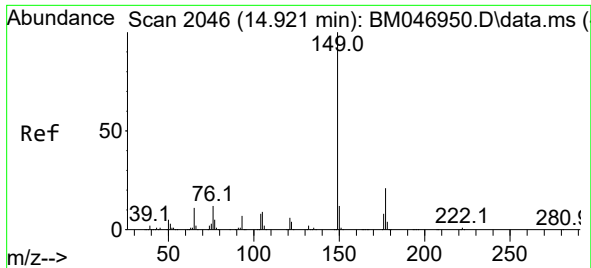
Tgt Ion:165 Resp: 20968
Ion Ratio Lower Upper
165 100
63 56.7 41.4 62.0
182 3.7 2.2 3.2#



#58
2,3,4,6-Tetrachlorophenol
Concen: 3.928 ng/ul
RT: 14.704 min Scan# 2009
Delta R.T. 0.000 min
Lab File: BM046948.D
Acq: 02 Aug 2024 14:20

Tgt Ion:232 Resp: 19544
Ion Ratio Lower Upper
232 100
131 43.4 40.8 61.2
130 3.4 2.6 3.8
166 31.3 28.7 43.1

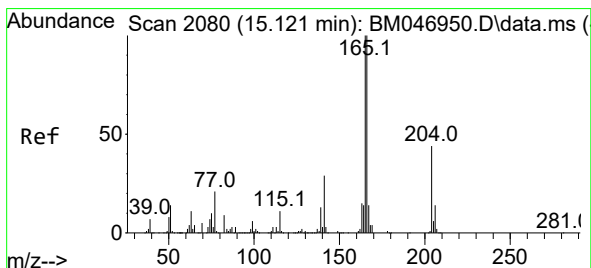
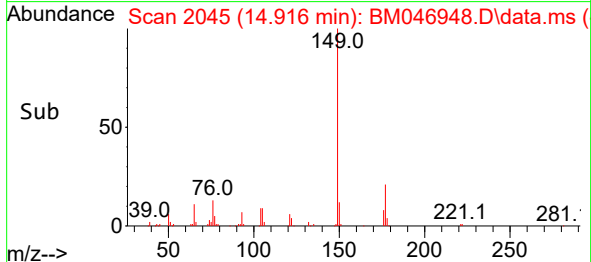
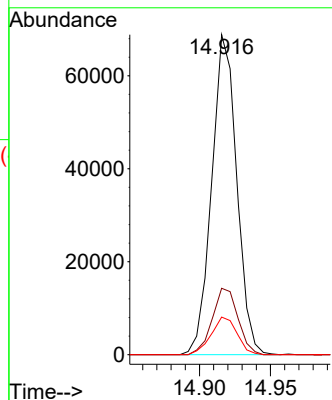
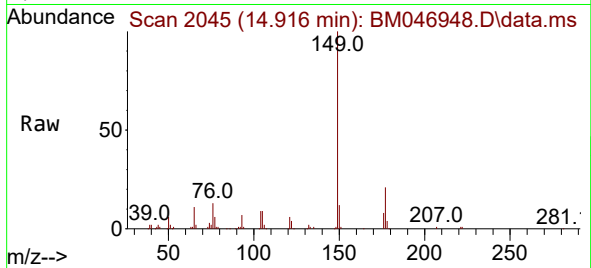




#59
Diethylphthalate
Concen: 4.808 ng/ul
RT: 14.916 min Scan# 2045
Delta R.T. -0.006 min
Lab File: BM046948.D
Acq: 02 Aug 2024 14:20

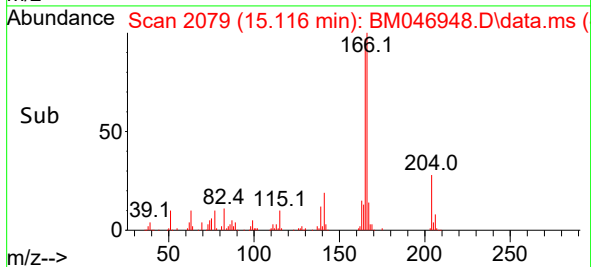
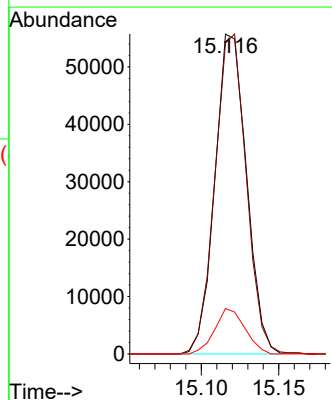
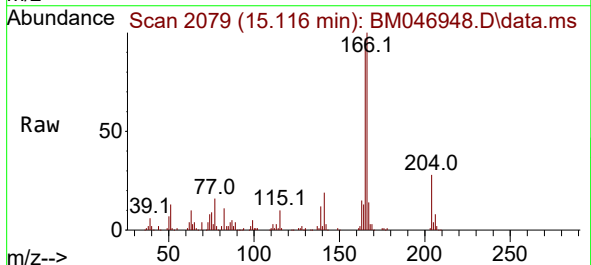
Instrument :
BNA_M
ClientSampleId :

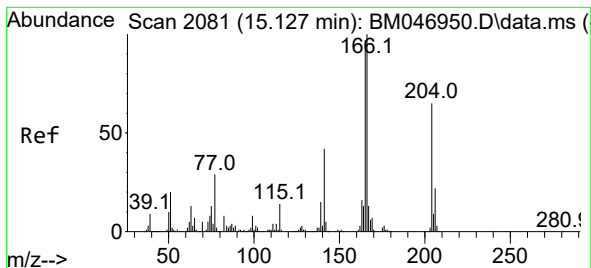
Tgt Ion:149 Resp: 84330
Ion Ratio Lower Upper
149 100
177 20.8 16.5 24.7
150 11.8 9.7 14.5



#61
Fluorene
Concen: 4.527 ng/ul
RT: 15.116 min Scan# 2079
Delta R.T. -0.006 min
Lab File: BM046948.D
Acq: 02 Aug 2024 14:20

Tgt Ion:166 Resp: 78827
Ion Ratio Lower Upper
166 100
165 97.2 79.5 119.3
167 14.2 11.5 17.3

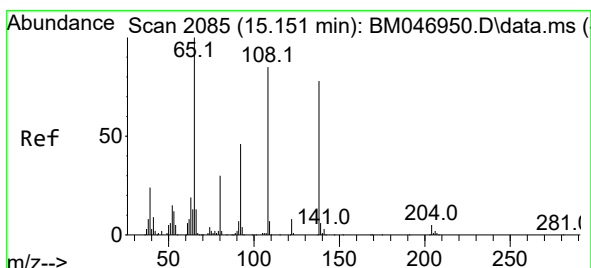
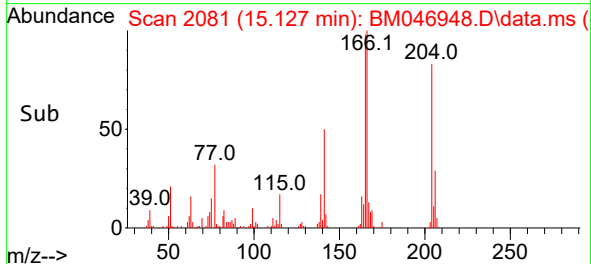
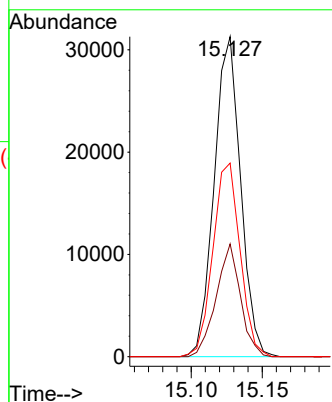
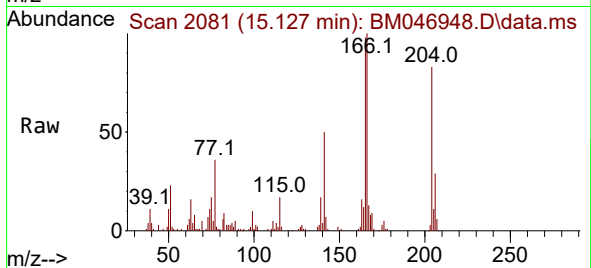




#62
4-Chlorophenyl-phenylether
Concen: 4.174 ng/ul
RT: 15.127 min Scan# 2081
Delta R.T. 0.000 min
Lab File: BM046948.D
Acq: 02 Aug 2024 14:20

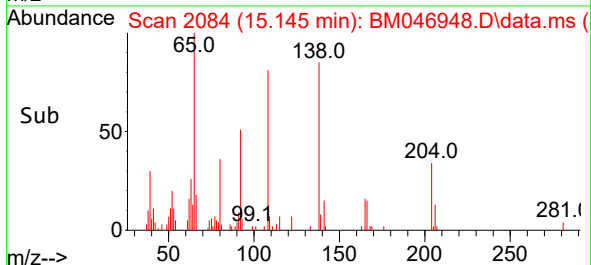
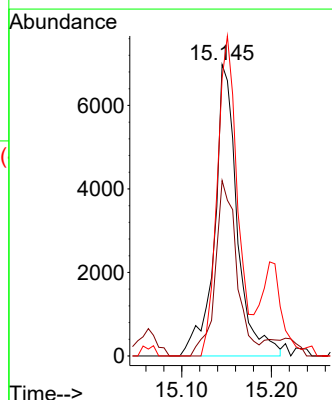
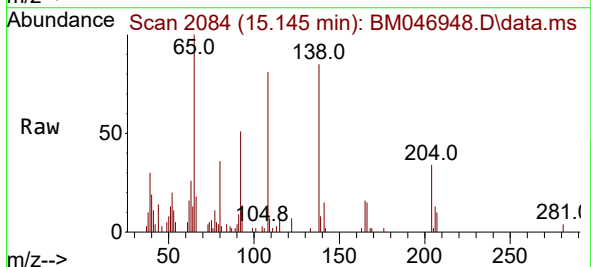
Instrument :
BNA_M
ClientSampleId :

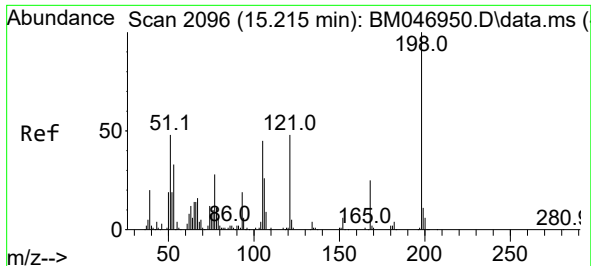
Tgt Ion:204 Resp: 40513
Ion Ratio Lower Upper
204 100
206 35.2 27.0 40.4
141 60.5 52.2 78.4



#63
4-Nitroaniline
Concen: 3.615 ng/ul
RT: 15.145 min Scan# 2084
Delta R.T. -0.006 min
Lab File: BM046948.D
Acq: 02 Aug 2024 14:20

Tgt Ion:138 Resp: 12282
Ion Ratio Lower Upper
138 100
92 60.2 47.7 71.5
108 95.4 87.3 130.9

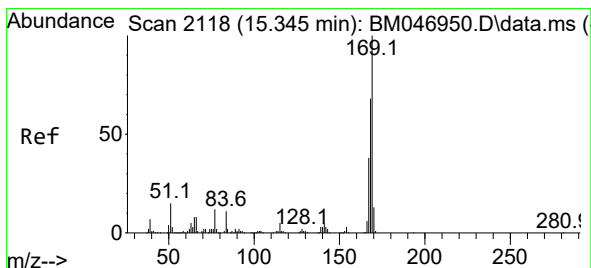
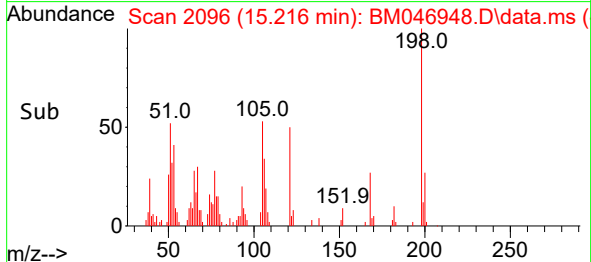
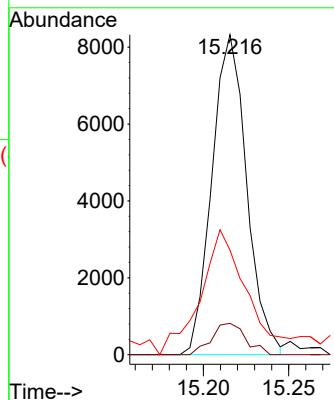
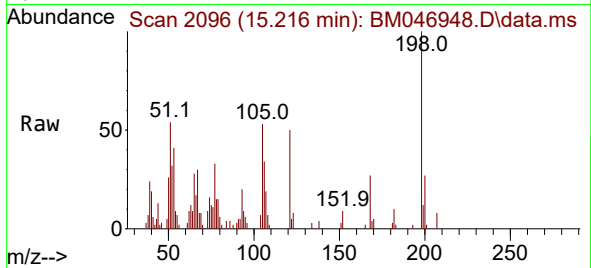




#66
 4,6-Dinitro-2-methylphenol
 Concen: 3.478 ng/ul
 RT: 15.216 min Scan# 2096
 Delta R.T. 0.000 min
 Lab File: BM046948.D
 Acq: 02 Aug 2024 14:20

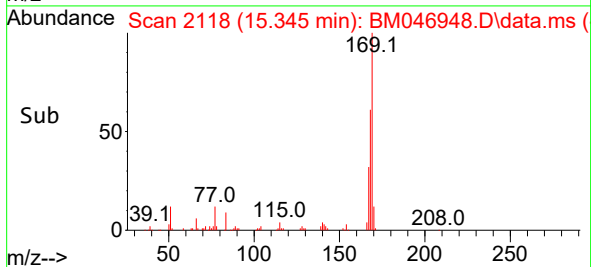
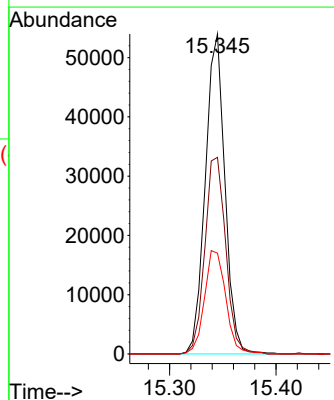
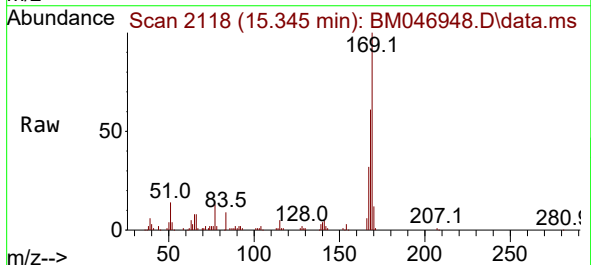
Instrument :
 BNA_M
 ClientSampleId :

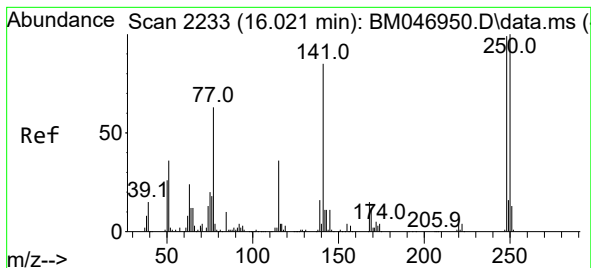
Tgt Ion:198 Resp: 11826
 Ion Ratio Lower Upper
 198 100
 182 9.8 3.6 5.4#
 77 32.7 24.4 36.6



#67
 N-Nitrosodiphenylamine
 Concen: 5.231 ng/ul
 RT: 15.345 min Scan# 2118
 Delta R.T. 0.000 min
 Lab File: BM046948.D
 Acq: 02 Aug 2024 14:20

Tgt Ion:169 Resp: 69143
 Ion Ratio Lower Upper
 169 100
 168 61.5 54.0 81.0
 167 31.5 30.2 45.2

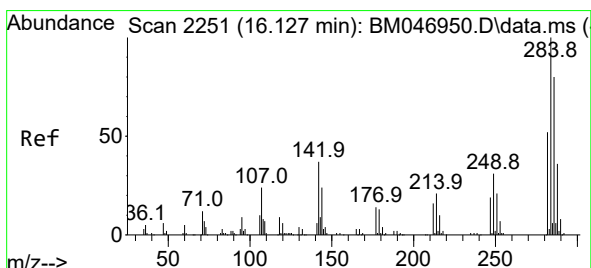
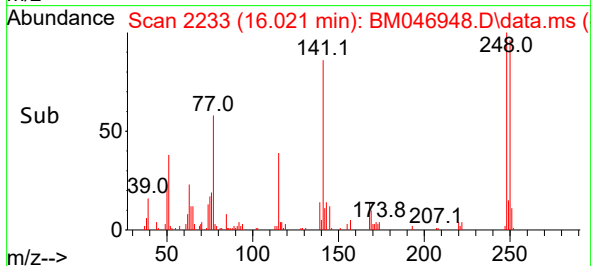
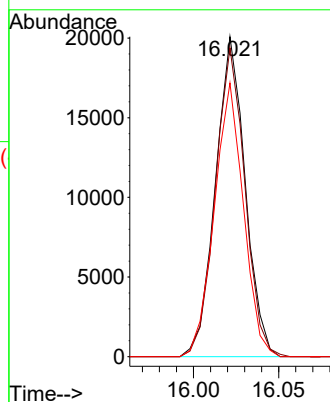
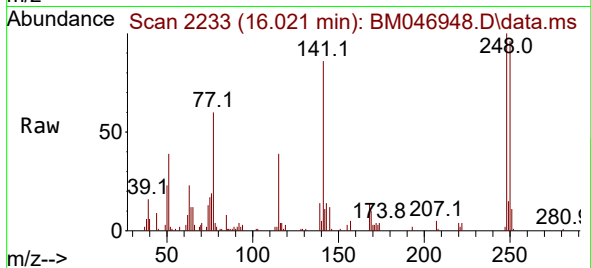




#68
4-Bromophenyl-phenylether
Concen: 4.332 ng/ul
RT: 16.021 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM046948.D
Acq: 02 Aug 2024 14:20

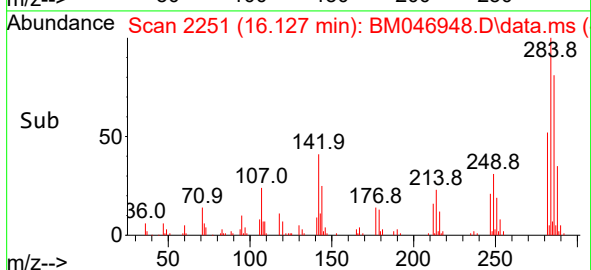
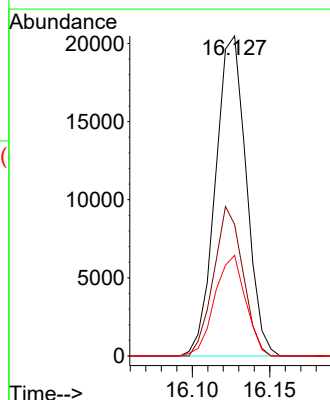
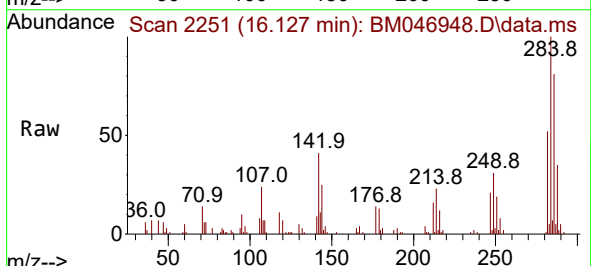
Instrument :
BNA_M
ClientSampleId :

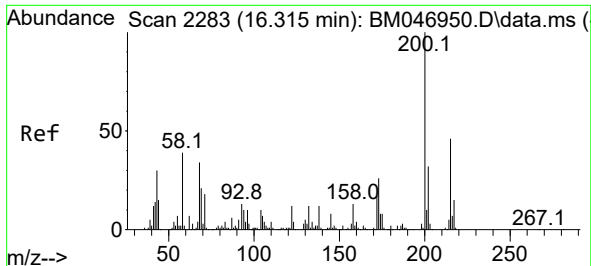
Tgt Ion:248 Resp: 24394
Ion Ratio Lower Upper
248 100
250 96.5 80.7 121.1
141 85.5 68.6 103.0



#69
Hexachlorobenzene
Concen: 4.262 ng/ul
RT: 16.127 min Scan# 2251
Delta R.T. 0.000 min
Lab File: BM046948.D
Acq: 02 Aug 2024 14:20

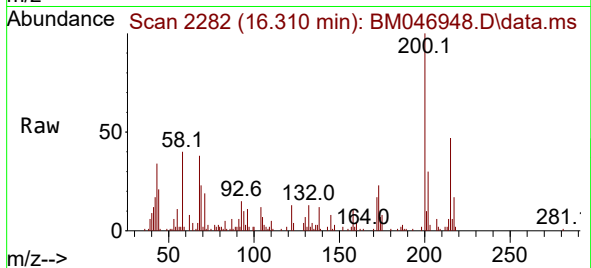
Tgt Ion:284 Resp: 28352
Ion Ratio Lower Upper
284 100
142 41.1 30.0 45.0
249 34.7 24.6 36.8



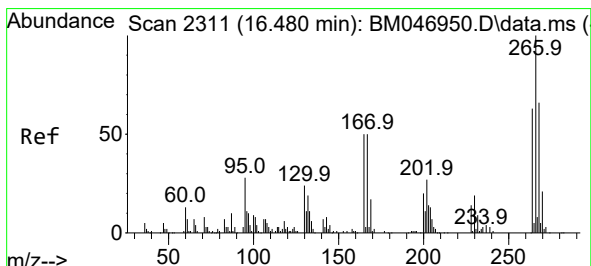
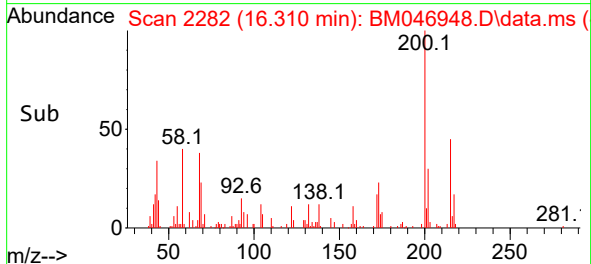
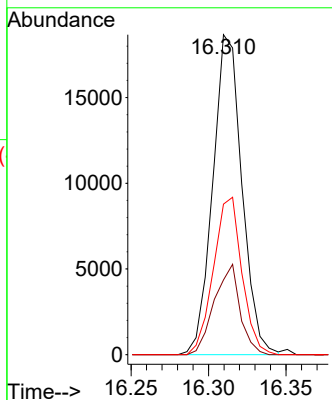


#70
 Atrazine
 Concen: 4.396 ng/ul
 RT: 16.310 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BM046948.D
 Acq: 02 Aug 2024 14:20

Instrument :
 BNA_M
 ClientSampleId :

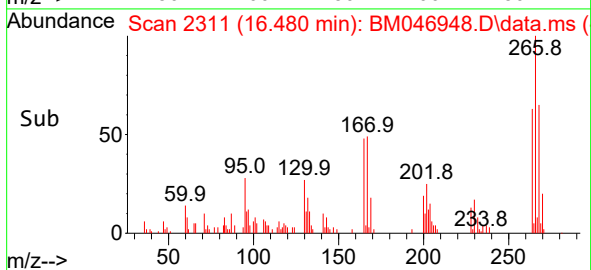
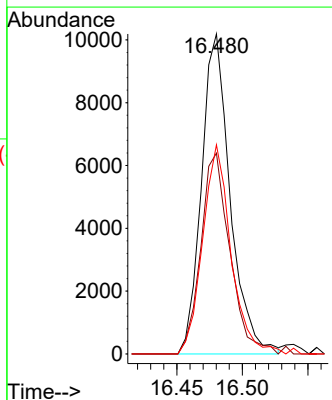
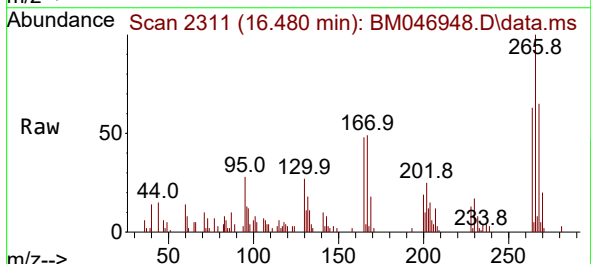


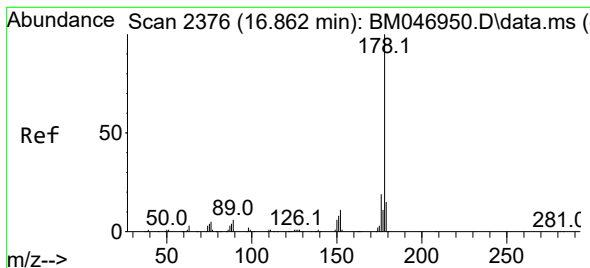
Tgt Ion:200 Resp: 24430
 Ion Ratio Lower Upper
 200 100
 173 23.4 21.4 32.0
 215 47.1 36.7 55.1



#71
 Pentachlorophenol
 Concen: 3.526 ng/ul
 RT: 16.480 min Scan# 2311
 Delta R.T. 0.000 min
 Lab File: BM046948.D
 Acq: 02 Aug 2024 14:20

Tgt Ion:266 Resp: 15519
 Ion Ratio Lower Upper
 266 100
 264 62.8 50.7 76.1
 268 65.4 53.0 79.6





#72

Phenanthrene

Concen: 4.929 ng/ul

RT: 16.863 min Scan# 2376

Delta R.T. 0.000 min

Lab File: BM046948.D

Acq: 02 Aug 2024 14:20

Instrument :

BNA_M

ClientSampleId :

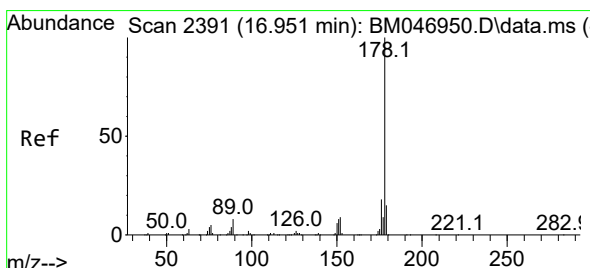
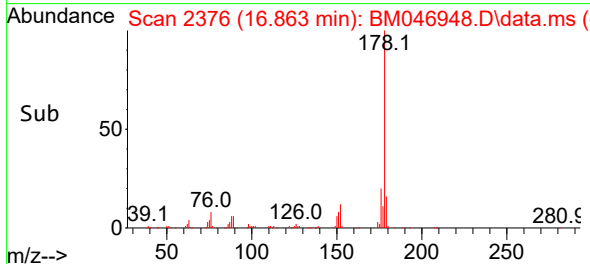
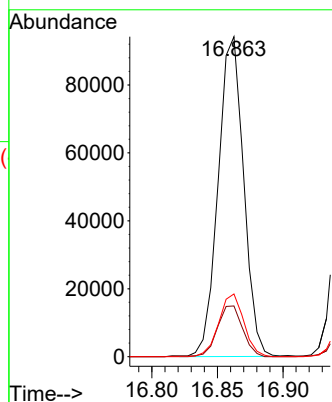
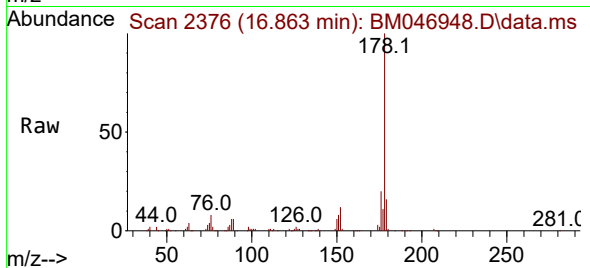
Tgt Ion:178 Resp: 127173

Ion Ratio Lower Upper

178 100

179 15.8 12.3 18.5

176 19.6 15.3 22.9



#74

Anthracene

Concen: 4.853 ng/ul

RT: 16.951 min Scan# 2391

Delta R.T. 0.000 min

Lab File: BM046948.D

Acq: 02 Aug 2024 14:20

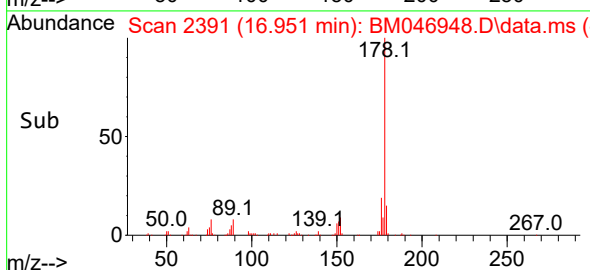
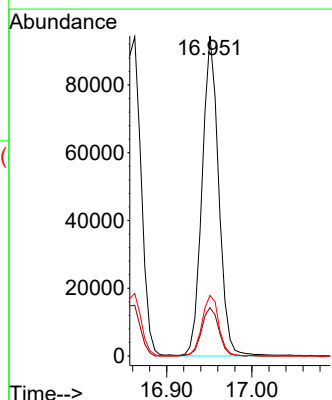
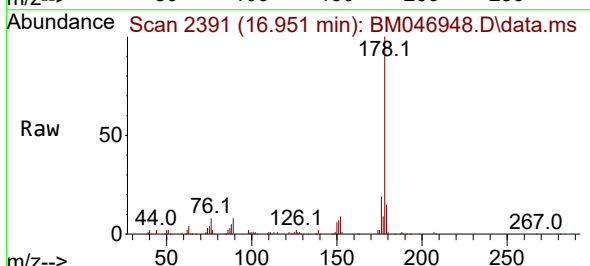
Tgt Ion:178 Resp: 127886

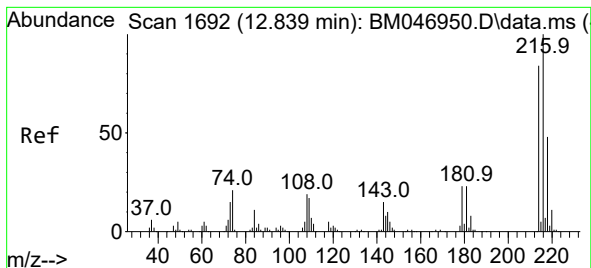
Ion Ratio Lower Upper

178 100

179 15.1 12.2 18.2

176 18.9 14.6 22.0

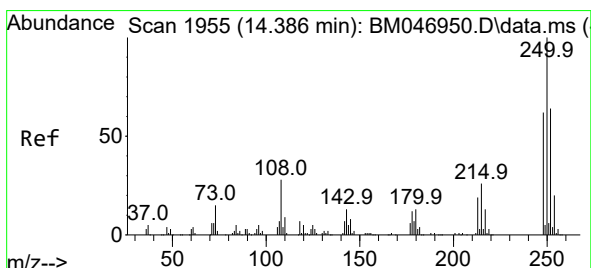
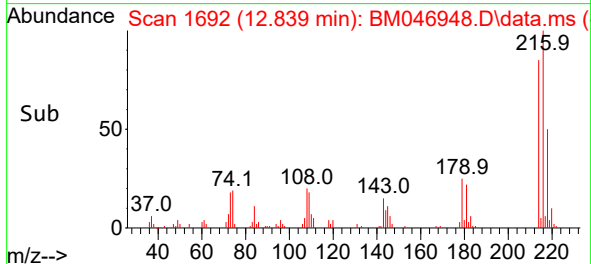
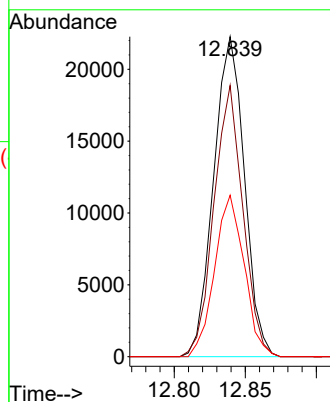
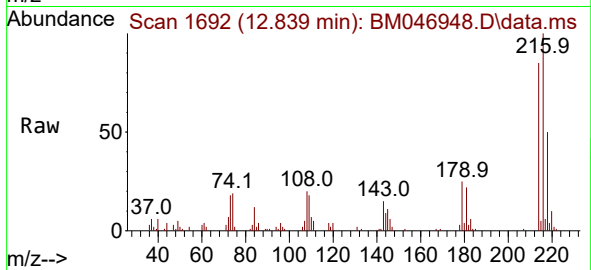




#75
1,2,3,4-Tetrachlorobenzene
Concen: 4.488 ng/uL
RT: 12.839 min Scan# 1692
Delta R.T. 0.000 min
Lab File: BM046948.D
Acq: 02 Aug 2024 14:20

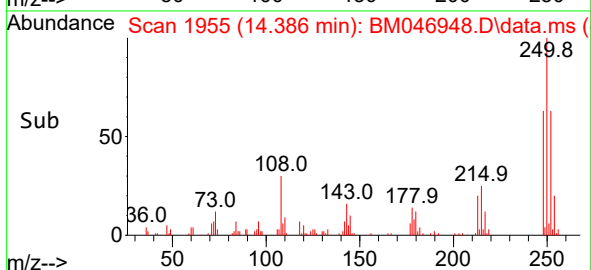
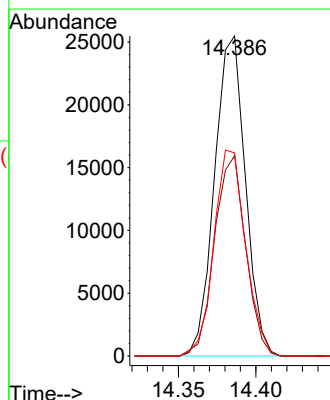
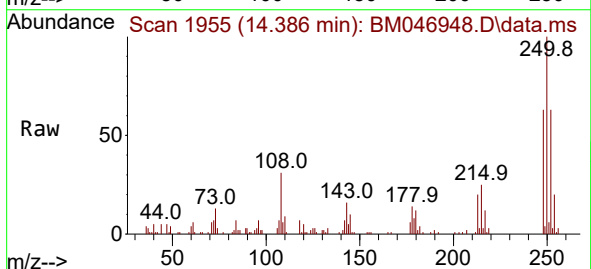
Instrument :
BNA_M
ClientSampleId :

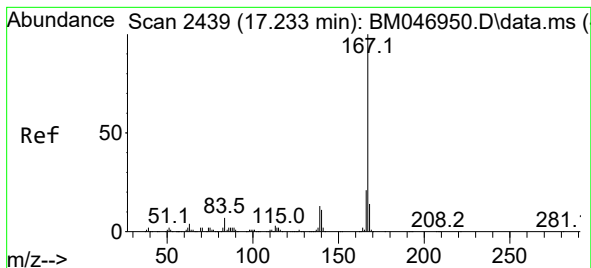
Tgt Ion:216 Resp: 33573
Ion Ratio Lower Upper
216 100
214 84.7 67.0 100.6
218 50.5 38.7 58.1



#76
Pentachlorobenzene
Concen: 4.580 ng/uL
RT: 14.386 min Scan# 1955
Delta R.T. 0.000 min
Lab File: BM046948.D
Acq: 02 Aug 2024 14:20

Tgt Ion:250 Resp: 35294
Ion Ratio Lower Upper
250 100
248 62.6 49.6 74.4
252 63.4 51.4 77.0





#77

Carbazole

Concen: 4.826 ng/ul

RT: 17.227 min Scan# 2439

Delta R.T. -0.006 min

Lab File: BM046948.D

Acq: 02 Aug 2024 14:20

Instrument :

BNA_M

ClientSampleId :

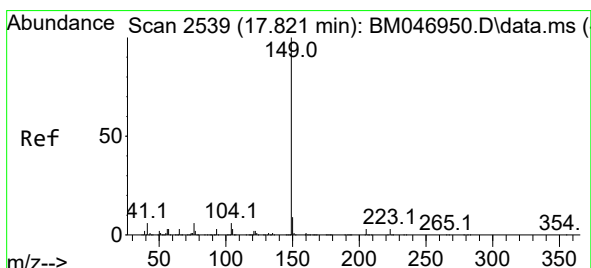
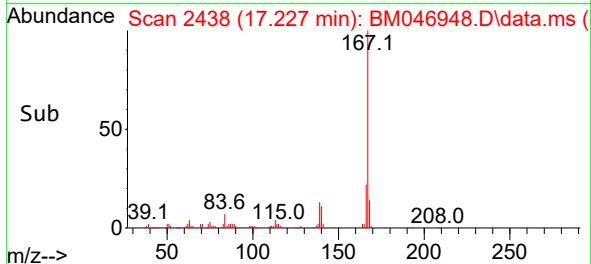
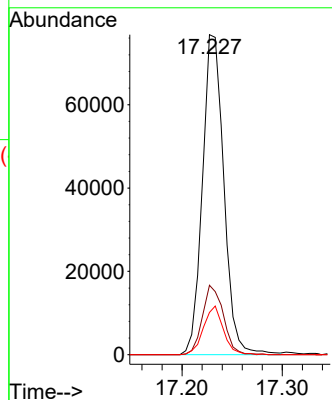
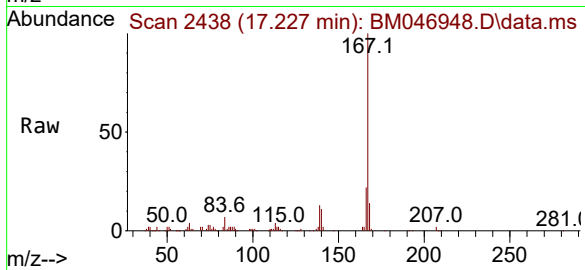
Tgt Ion:167 Resp: 114604

Ion Ratio Lower Upper

167 100

166 21.7 17.0 25.4

139 13.2 10.6 16.0



#78

Di-n-butylphthalate

Concen: 5.126 ng/ul

RT: 17.821 min Scan# 2539

Delta R.T. 0.000 min

Lab File: BM046948.D

Acq: 02 Aug 2024 14:20

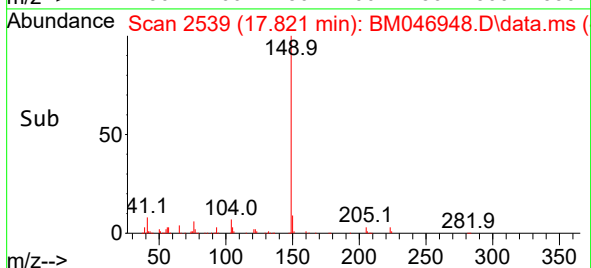
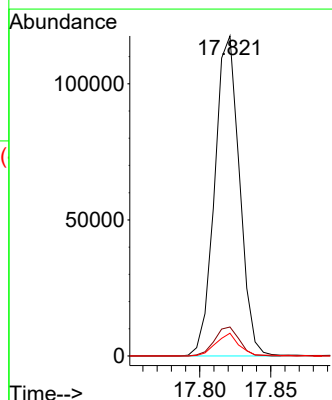
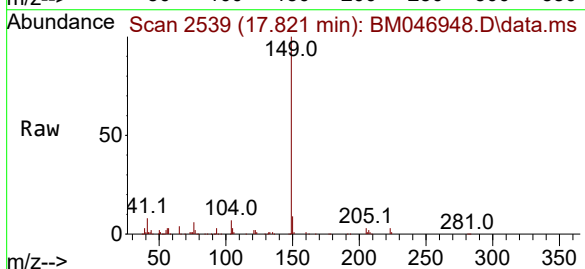
Tgt Ion:149 Resp: 142939

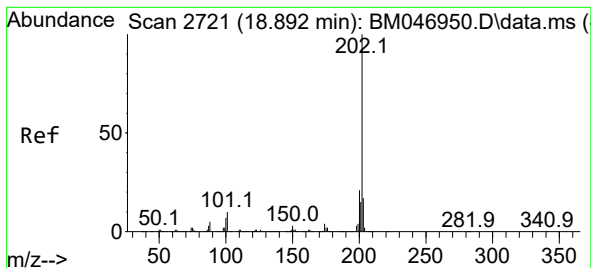
Ion Ratio Lower Upper

149 100

150 9.1 7.0 10.6

104 7.1 4.8 7.2





#80

Fluoranthene

Concen: 4.706 ng/ul

RT: 18.892 min Scan# 21

Delta R.T. 0.000 min

Lab File: BM046948.D

Acq: 02 Aug 2024 14:20

Instrument :

BNA_M

ClientSampleId :

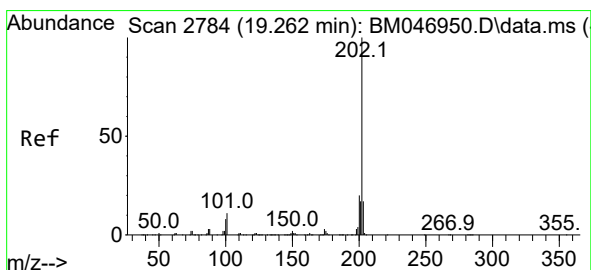
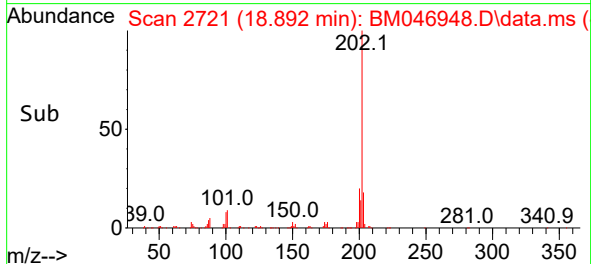
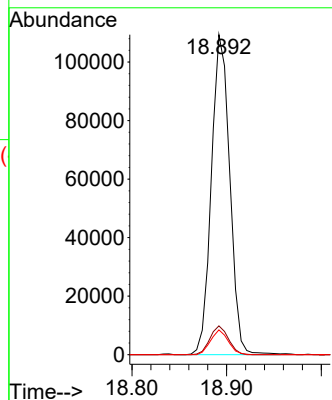
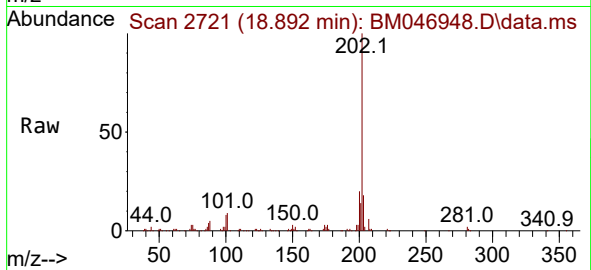
Tgt Ion:202 Resp: 147599

Ion Ratio Lower Upper

202 100

101 9.0 7.8 11.6

100 7.7 5.9 8.9



#82

Pyrene

Concen: 5.283 ng/ul

RT: 19.256 min Scan# 2783

Delta R.T. -0.006 min

Lab File: BM046948.D

Acq: 02 Aug 2024 14:20

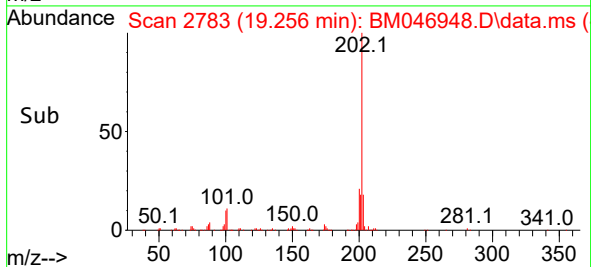
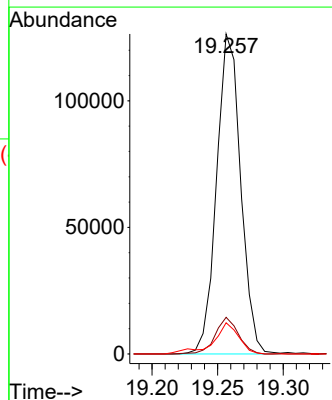
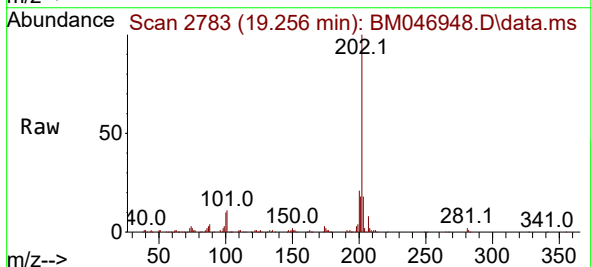
Tgt Ion:202 Resp: 161466

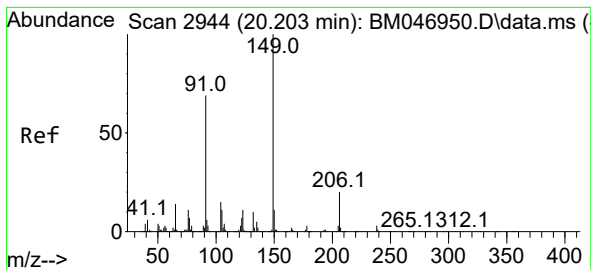
Ion Ratio Lower Upper

202 100

101 11.4 8.7 13.1

100 9.7 6.8 10.2





#83

Butylbenzylphthalate

Concen: 5.428 ng/ul

RT: 20.198 min Scan# 2944

Delta R.T. -0.006 min

Lab File: BM046948.D

Acq: 02 Aug 2024 14:20

Instrument :

BNA_M

ClientSampleId :

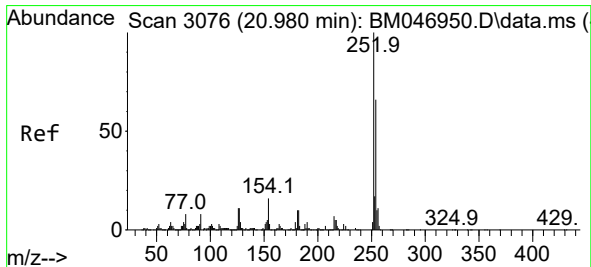
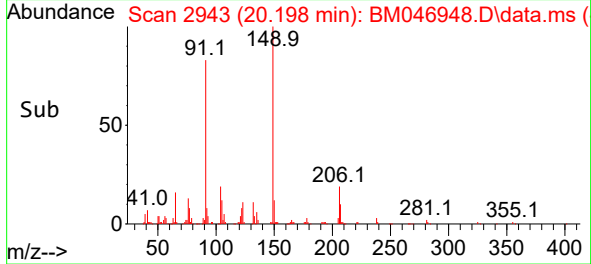
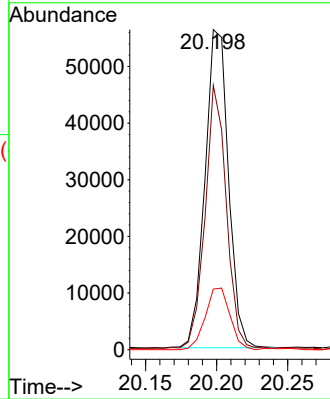
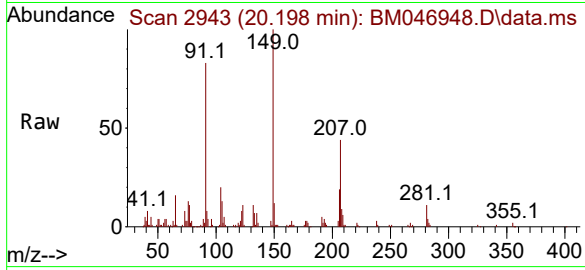
Tgt Ion:149 Resp: 64757

Ion Ratio Lower Upper

149 100

91 82.6 55.3 82.9

206 18.9 16.2 24.4



#84

3,3'-Dichlorobenzidine

Concen: 4.198 ng/ul

RT: 20.980 min Scan# 3076

Delta R.T. 0.000 min

Lab File: BM046948.D

Acq: 02 Aug 2024 14:20

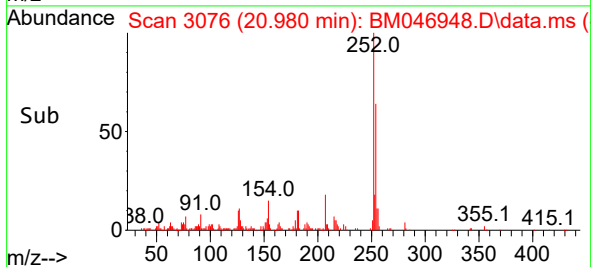
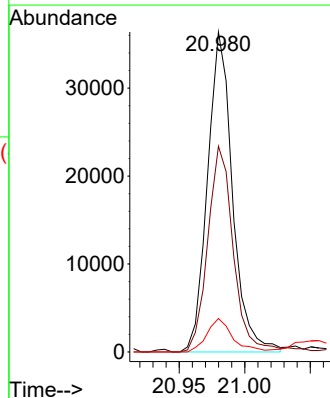
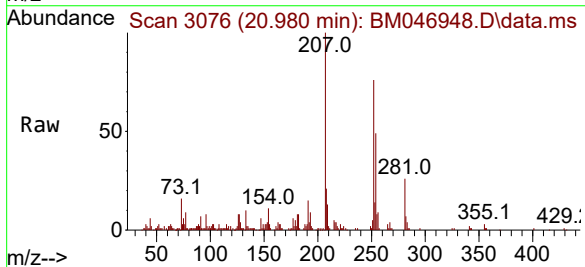
Tgt Ion:252 Resp: 48286

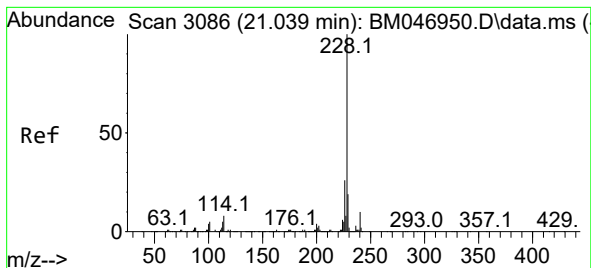
Ion Ratio Lower Upper

252 100

254 64.3 52.6 78.8

126 10.4 8.8 13.2





#85

Benzo(a)anthracene

Concen: 4.639 ng/ul

RT: 21.039 min Scan# 3086

Delta R.T. 0.000 min

Lab File: BM046948.D

Acq: 02 Aug 2024 14:20

Instrument :

BNA_M

ClientSampleId :

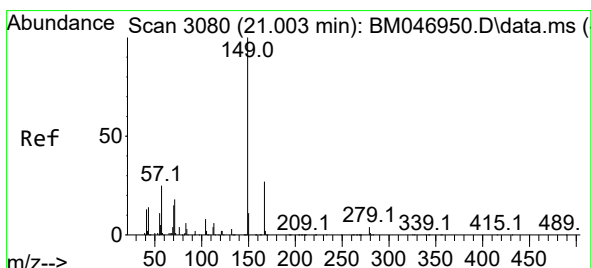
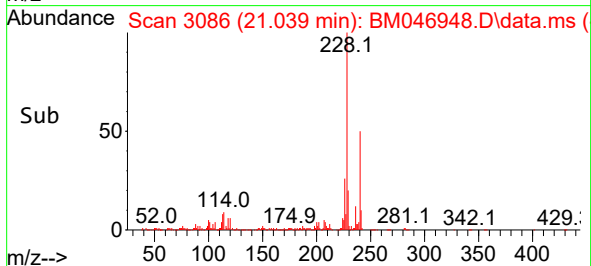
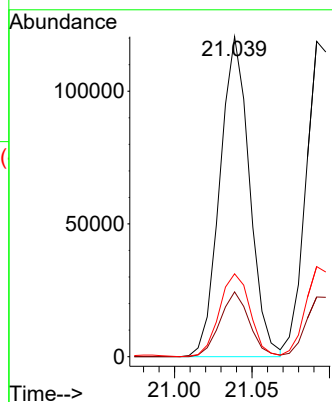
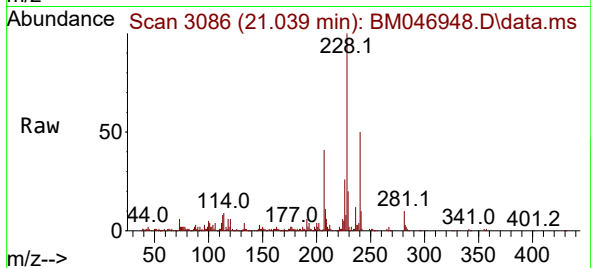
Tgt Ion:228 Resp: 160476

Ion Ratio Lower Upper

228 100

229 20.2 15.5 23.3

226 25.9 21.2 31.8



#86

Bis(2-ethylhexyl)phthalate

Concen: 5.052 ng/ul

RT: 21.003 min Scan# 3080

Delta R.T. 0.000 min

Lab File: BM046948.D

Acq: 02 Aug 2024 14:20

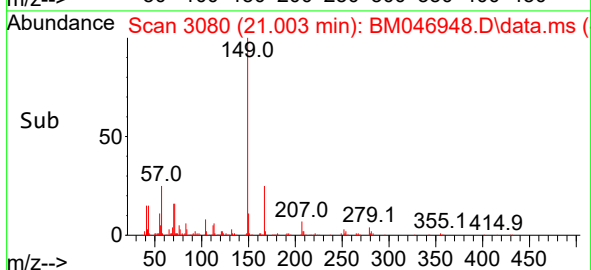
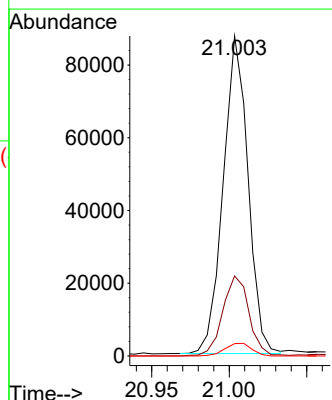
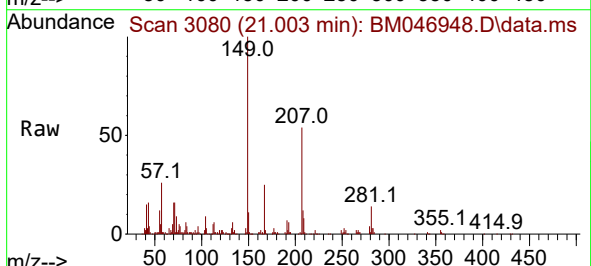
Tgt Ion:149 Resp: 97046

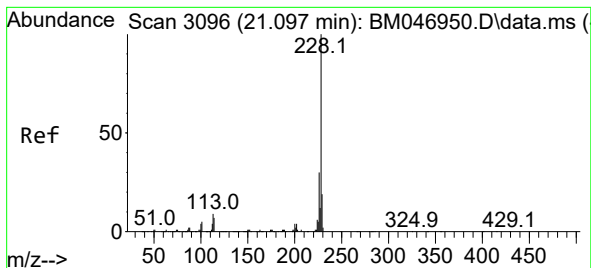
Ion Ratio Lower Upper

149 100

167 25.0 21.3 31.9

279 3.9 3.3 4.9





#87

Chrysene

Concen: 4.834 ng/ul

RT: 21.092 min Scan# 3096

Delta R.T. -0.006 min

Lab File: BM046948.D

Acq: 02 Aug 2024 14:20

Instrument :

BNA_M

ClientSampleId :

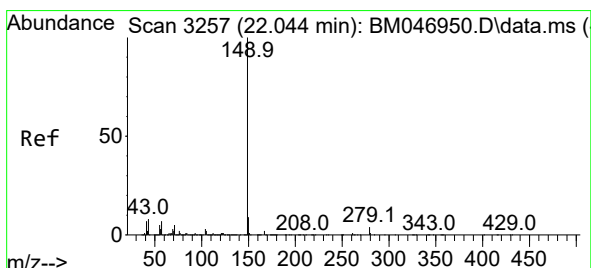
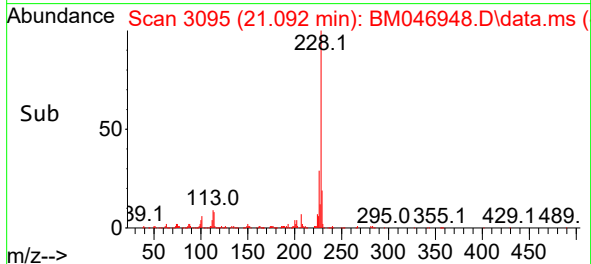
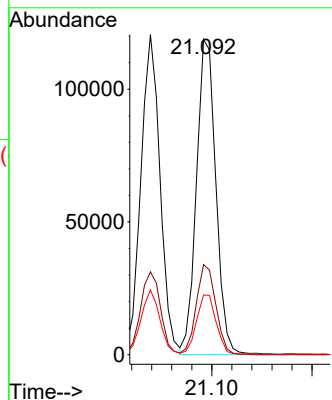
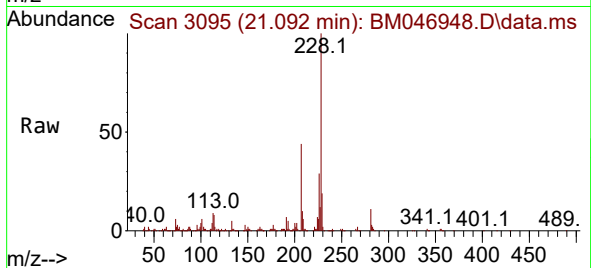
Tgt Ion:228 Resp: 159538

Ion Ratio Lower Upper

228 100

226 28.6 24.0 36.0

229 18.9 15.5 23.3



#89

Di-n-octyl phthalate

Concen: 4.503 ng/ul

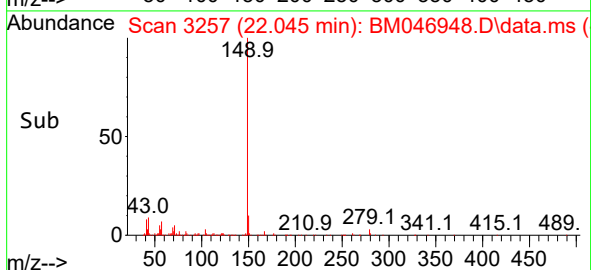
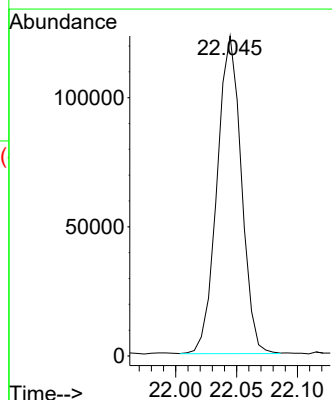
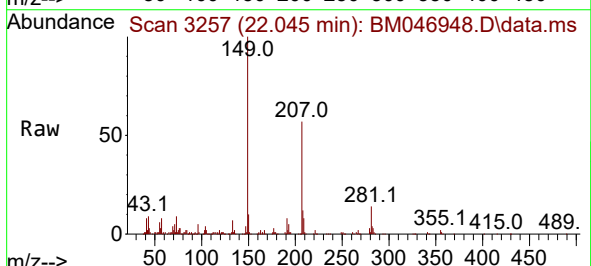
RT: 22.045 min Scan# 3257

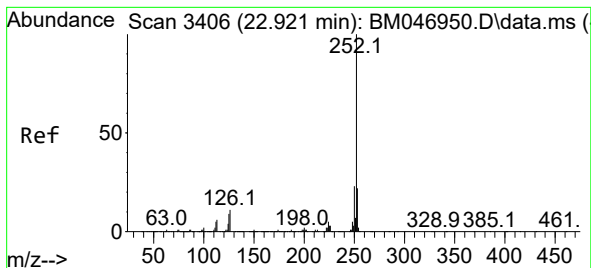
Delta R.T. 0.000 min

Lab File: BM046948.D

Acq: 02 Aug 2024 14:20

Tgt Ion:149 Resp: 170819





#90

Benzo(b)fluoranthene

Concen: 4.562 ng/ul

RT: 22.921 min Scan# 3406

Delta R.T. 0.000 min

Lab File: BM046948.D

Acq: 02 Aug 2024 14:20

Instrument :

BNA_M

ClientSampleId :

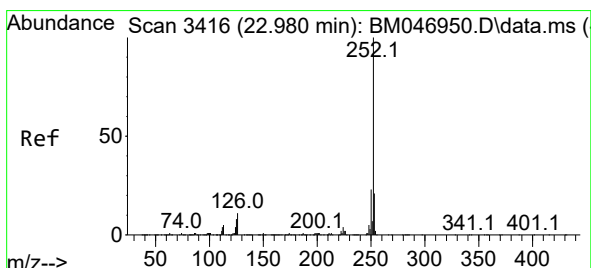
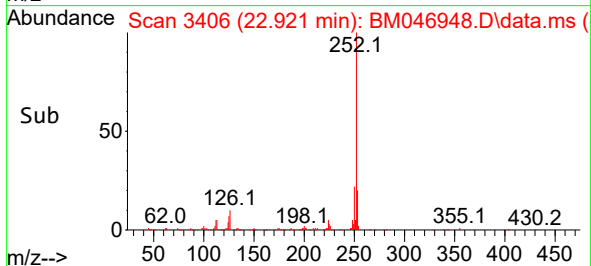
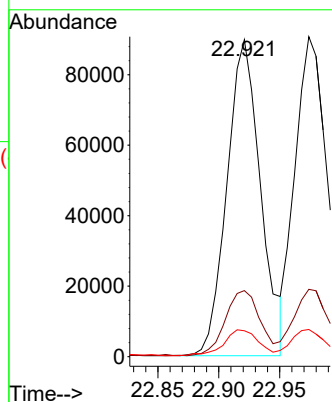
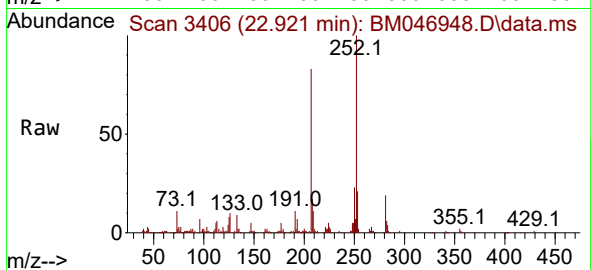
Tgt Ion:252 Resp: 172262

Ion Ratio Lower Upper

252 100

253 20.9 17.4 26.2

125 8.2 7.0 10.6



#91

Benzo(k)fluoranthene

Concen: 4.445 ng/ul

RT: 22.974 min Scan# 3415

Delta R.T. -0.006 min

Lab File: BM046948.D

Acq: 02 Aug 2024 14:20

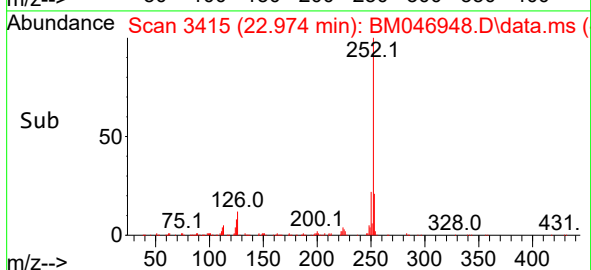
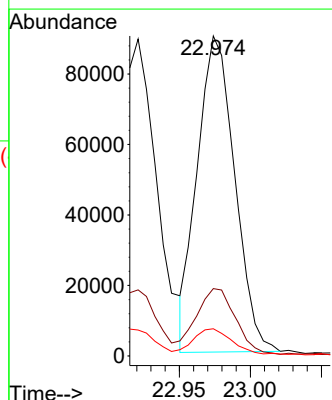
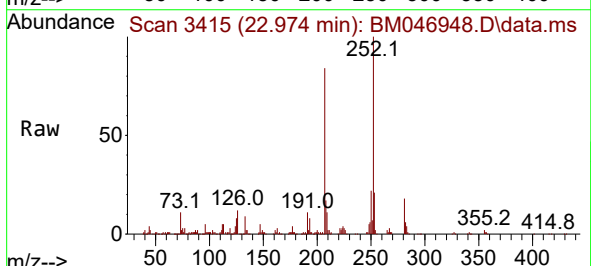
Tgt Ion:252 Resp: 164475

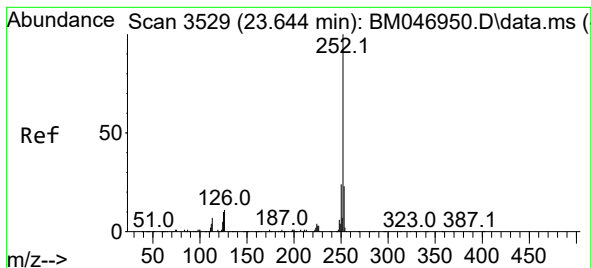
Ion Ratio Lower Upper

252 100

253 21.1 17.0 25.6

125 8.5 6.9 10.3





#93

Benzo(a)pyrene

Concen: 4.408 ng/ul

RT: 23.639 min Scan# 3

Delta R.T. -0.006 min

Lab File: BM046948.D

Acq: 02 Aug 2024 14:20

Instrument :

BNA_M

ClientSampleId :

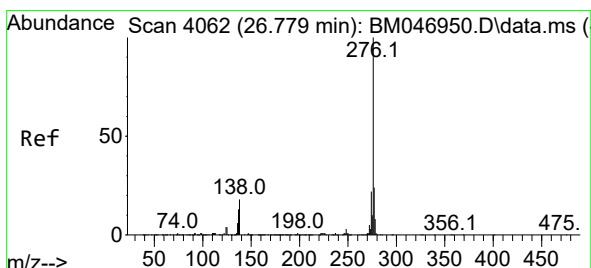
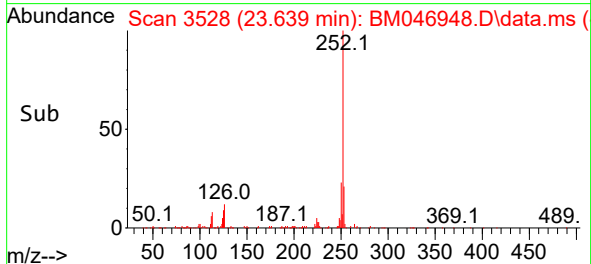
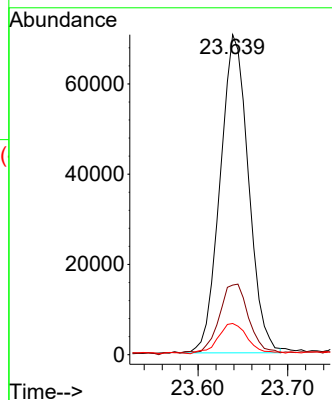
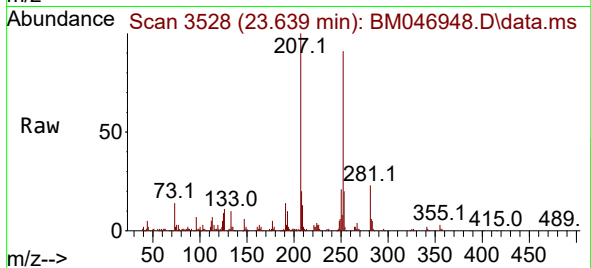
Tgt Ion:252 Resp: 154638

Ion Ratio Lower Upper

252 100

253 21.8 18.2 27.2

125 9.7 8.1 12.1



#94

Indeno(1,2,3-cd)pyrene

Concen: 4.795 ng/ul

RT: 26.774 min Scan# 4061

Delta R.T. -0.006 min

Lab File: BM046948.D

Acq: 02 Aug 2024 14:20

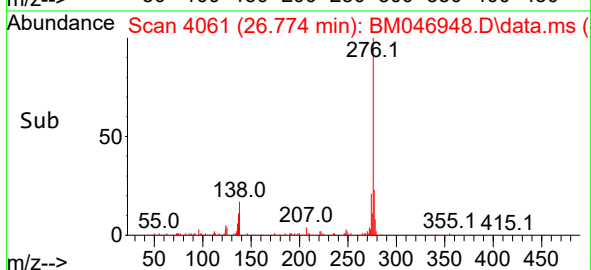
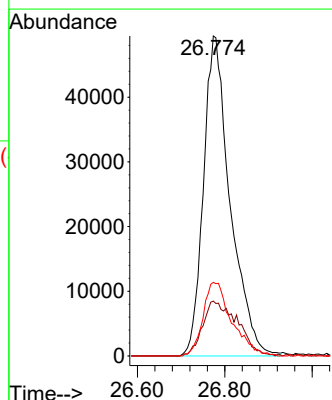
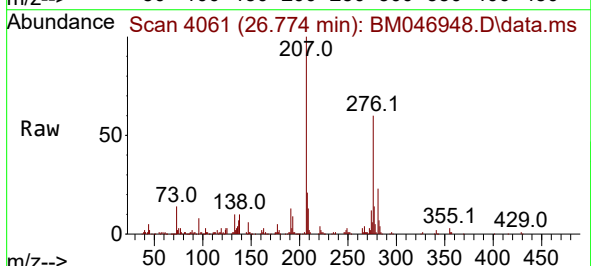
Tgt Ion:276 Resp: 210614

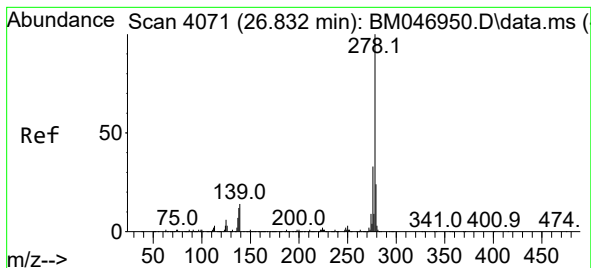
Ion Ratio Lower Upper

276 100

138 17.2 14.7 22.1

277 23.0 19.3 28.9





#95

Dibenzo(a,h)anthracene

Concen: 4.778 ng/ul

RT: 26.827 min Scan# 4071

Delta R.T. -0.006 min

Lab File: BM046948.D

Acq: 02 Aug 2024 14:20

Instrument :

BNA_M

ClientSampleId :

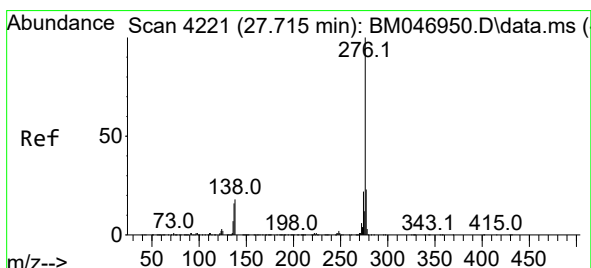
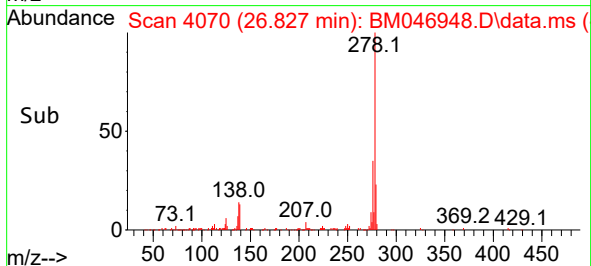
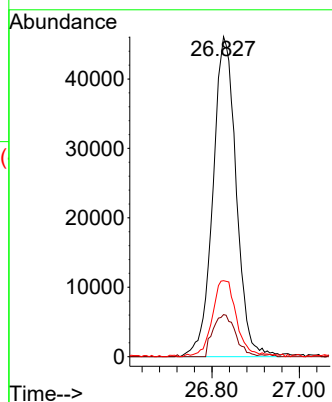
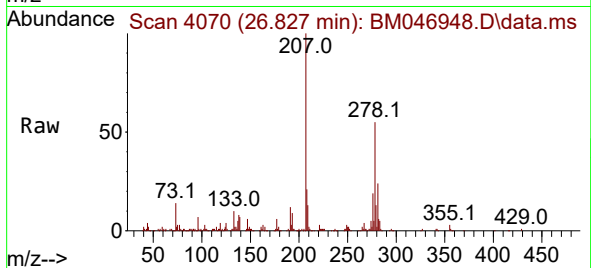
Tgt Ion:278 Resp: 170146

Ion Ratio Lower Upper

278 100

139 13.2 11.4 17.0

279 23.8 19.4 29.0



#96

Benzo(g,h,i)perylene

Concen: 4.338 ng/ul

RT: 27.709 min Scan# 4220

Delta R.T. -0.006 min

Lab File: BM046948.D

Acq: 02 Aug 2024 14:20

Tgt Ion:276 Resp: 163978

Ion Ratio Lower Upper

276 100

138 16.3 14.7 22.1

277 24.7 18.6 27.8

