

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080224\
 Data File : BM046951.D
 Acq On : 02 Aug 2024 16:22
 Operator : MA/JU
 Sample : SSTD04027
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Aug 03 02:22:21 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	117875	20.000	ng/u1	0.00
20) Naphthalene-d8	10.163	136	454960	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.063	164	311311	20.000	ng/u1	0.00
64) Phenanthrene-d10	16.821	188	687528	20.000	ng/u1	0.00
79) Chrysene-d12	21.056	240	640699	20.000	ng/u1	0.00
88) Perylene-d12	23.774	264	769968	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.022	96	46923	20.402	ng/uL	0.00
4) Pyridine-d5	3.410	84	319585	33.176	ng/u1	0.00
7) Phenol-d5	6.610	99	356521	34.203	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.763	67	236743	35.245	ng/u1	0.00
11) 2-Chlorophenol-d4	6.945	132	304750	36.444	ng/u1	0.00
15) 4-Methylphenol-d8	8.128	113	282319	42.263	ng/u1	0.00
21) Nitrobenzene-d5	8.551	128	144197	42.036	ng/u1	0.00
24) 2-Nitrophenol-d4	9.263	143	165994	35.430	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	9.798	165	314757	34.143	ng/u1	0.00
31) 4-Chloroaniline-d4	10.310	131	401078	40.017	ng/u1	0.00
46) Dimethylphthalate-d6	13.492	166	944085	40.594	ng/u1	0.00
49) Acenaphthylene-d8	13.751	160	1052658	40.043	ng/u1	0.00
54) 4-Nitrophenol-d4	14.304	143	187183	42.868	ng/u1	0.00
60) Fluorene-d10	15.068	176	804467	36.944	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.204	200	180207	40.402	ng/u1	0.00
73) Anthracene-d10	16.921	188	1281253	38.871	ng/u1	0.00
81) Pyrene-d10	19.233	212	1508908	45.820	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.591	264	1665367	40.722	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.057	88	50470	20.754	ng/uL	94
5) Pyridine	3.428	79	317095	32.739	ng/u1	97
6) Benzaldehyde	6.563	77	224310	34.344	ng/u1	97
8) Phenol	6.634	94	355797	32.946	ng/u1	97
10) Bis(2-Chloroethyl)ether	6.851	93	311107	36.871	ng/u1	99
12) 2-Chlorophenol	6.981	128	303761	36.665	ng/u1	98
13) 2-Methylphenol	7.863	108	276015	42.653	ng/u1	95
14) 2,2'-oxybis(1-Chloropr...	7.928	45	379511	45.556	ng/u1	98
16) Acetophenone	8.222	105	429349	38.875	ng/u1	97
17) N-Nitroso-di-n-propyla...	8.216	70	226468	44.552	ng/u1	98
18) 4-Methylphenol	8.192	108	298448	42.683	ng/u1	100
19) Hexachloroethane	8.457	117	148240	41.888	ng/u1	94
22) Nitrobenzene	8.592	77	383341	42.299	ng/u1	95
23) Isophorone	9.122	82	657363	38.527	ng/u1	99
25) 2-Nitrophenol	9.292	139	180396	35.006	ng/u1	97
26) 2,4-Dimethylphenol	9.369	107	340588	35.767	ng/u1	96
27) Bis(2-Chloroethoxy)met...	9.604	93	413497	43.191	ng/u1	99
29) 2,4-Dichlorophenol	9.828	162	308872	33.783	ng/u1	97
30) Naphthalene	10.210	128	928047	39.790	ng/u1	99
32) 4-Chloroaniline	10.333	127	385658	40.109	ng/u1	100
33) Hexachlorobutadiene	10.504	225	219078	29.716	ng/u1	98
34) Caprolactam	11.122	113	45501	20.026	ng/u1	92
35) 4-Chloro-3-methylphenol	11.480	107	322645	43.075	ng/u1	100
36) 2-Methylnaphthalene	11.839	142	670784	33.627	ng/u1	99

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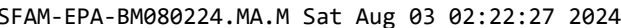
Instrument :
 BNA_M
 ClientSampleId :

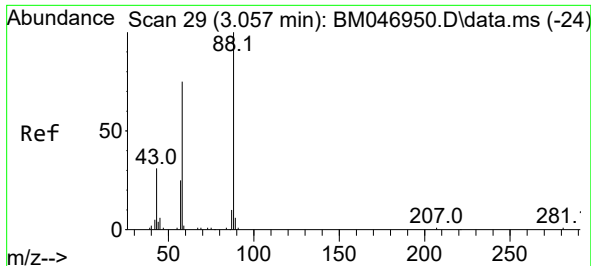
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 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Aug 03 02:17:59 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.063	142	670987	34.053	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	12.222	216	387374	32.297	ng/ul	97
40) Hexachlorocyclopentadiene	12.198	237	251006	35.687	ng/ul	97
41) 2,4,6-Trichlorophenol	12.474	196	258376	34.607	ng/ul	97
42) 2,4,5-Trichlorophenol	12.551	196	276999	34.574	ng/ul	100
43) 1,1'-Biphenyl	12.880	154	891562	37.532	ng/ul	98
44) 2-Chloronaphthalene	12.916	162	707607	36.415	ng/ul	99
45) 2-Nitroaniline	13.139	65	231395	46.596	ng/ul	99
47) Dimethylphthalate	13.539	163	938934	40.346	ng/ul	99
48) 2,6-Dinitrotoluene	13.651	165	198268	42.123	ng/ul	91
50) Acenaphthylene	13.780	152	1079975	40.685	ng/ul	99
51) 3-Nitroaniline	13.980	138	200544	43.518	ng/ul	99
52) Acenaphthene	14.127	153	783858	40.622	ng/ul	99
53) 2,4-Dinitrophenol	14.198	184	132566	38.344	ng/ul	94
55) 4-Nitrophenol	14.316	109	184042	34.977	ng/ul	97
56) Dibenzofuran	14.468	168	1097378	37.404	ng/ul	97
57) 2,4-Dinitrotoluene	14.451	165	299575	41.933	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	14.704	232	250691	36.019	ng/ul	98
59) Diethylphthalate	14.921	149	1036353	42.248	ng/ul	100
61) Fluorene	15.121	166	916415	37.631	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.127	204	442727	32.616	ng/ul	98
63) 4-Nitroaniline	15.157	138	184172	38.754	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.221	198	196438	40.174	ng/ul	97
67) N-Nitrosodiphenylamine	15.345	169	803037	42.251	ng/ul	99
68) 4-Bromophenyl-phenylether	16.021	248	301933	37.287	ng/ul	98
69) Hexachlorobenzene	16.127	284	353166	36.920	ng/ul	99
70) Atrazine	16.321	200	326429	40.846	ng/ul	99
71) Pentachlorophenol	16.480	266	239576	37.849	ng/ul	99
72) Phenanthrene	16.862	178	1512749	40.775	ng/ul	100
74) Anthracene	16.957	178	1514221	39.960	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	12.839	216	391350	36.385	ng/uL	98
76) Pentachlorobenzene	14.386	250	402444	36.319	ng/uL	99
77) Carbazole	17.233	167	1446923	42.376	ng/ul	100
78) Di-n-butylphthalate	17.821	149	1888473	47.098	ng/ul	99
80) Fluoranthene	18.898	202	1818625	43.356	ng/ul	97
82) Pyrene	19.262	202	1886576	46.155	ng/ul	99
83) Butylbenzylphthalate	20.203	149	880967	55.224	ng/ul	99
84) 3,3'-Dichlorobenzidine	20.980	252	641997	41.743	ng/ul	100
85) Benzo(a)anthracene	21.039	228	1887653	40.803	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.003	149	1275214	49.643	ng/ul	100
87) Chrysene	21.097	228	1779900	40.327	ng/ul	100
89) Di-n-octyl phthalate	22.044	149	2263638	46.898	ng/ul	100
90) Benzo(b)fluoranthene	22.927	252	1939566	40.365	ng/ul	99
91) Benzo(k)fluoranthene	22.980	252	1941977	41.244	ng/ul	99
93) Benzo(a)pyrene	23.650	252	1804491	40.425	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	26.791	276	2235811	40.002	ng/ul	98
95) Dibenzo(a,h)anthracene	26.850	278	1780547	39.293	ng/ul	98
96) Benzo(g,h,i)perylene	27.732	276	1773073	36.862	ng/ul	100

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

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Response via : Initial Calibration

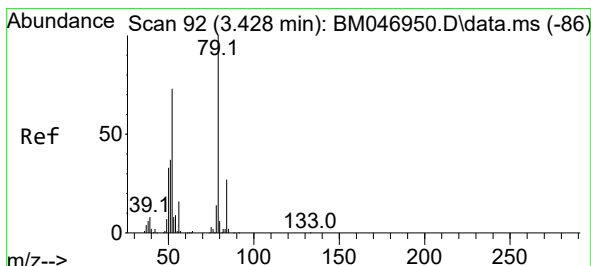
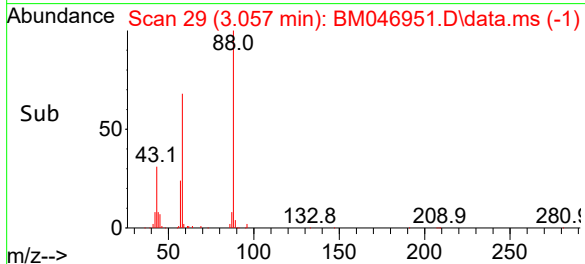
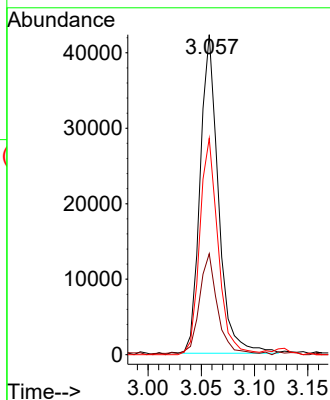
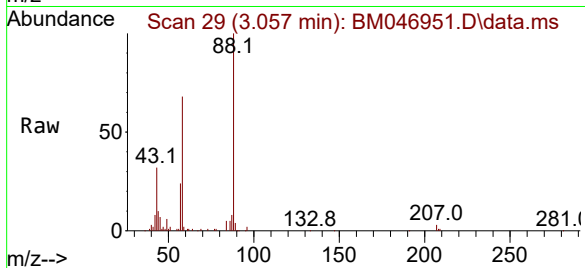




#2
1,4-Dioxane
Concen: 20.754 ng/uL
RT: 3.057 min Scan# 29
Delta R.T. 0.000 min
Lab File: BM046951.D
Acq: 02 Aug 2024 16:22

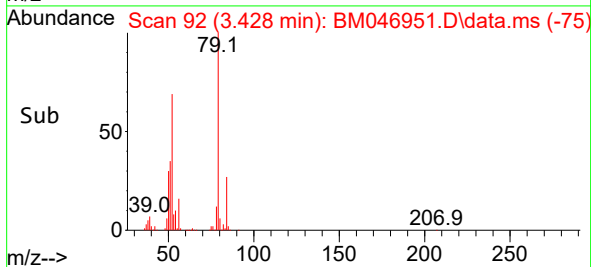
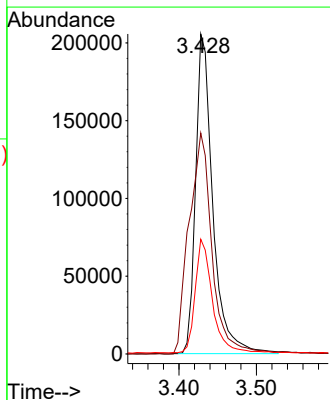
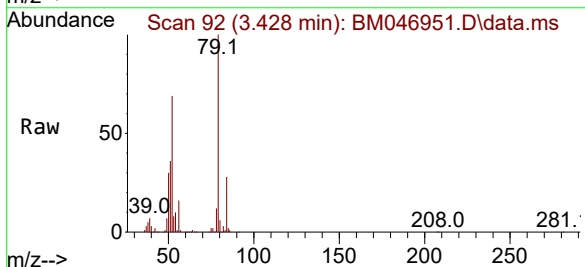
Instrument :
BNA_M
ClientSampleId :

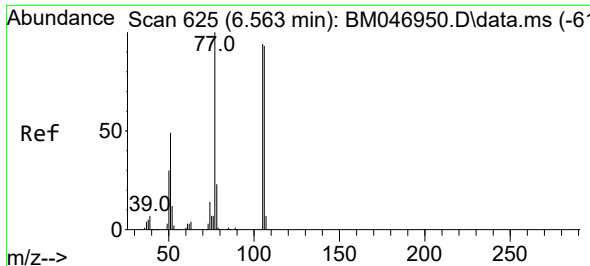
Tgt Ion	Ratio	Lower	Upper
88	100		
43	31.6	24.9	37.3
58	67.6	59.7	89.5



#5
Pyridine
Concen: 32.739 ng/uL
RT: 3.428 min Scan# 92
Delta R.T. 0.000 min
Lab File: BM046951.D
Acq: 02 Aug 2024 16:22

Tgt Ion	Ratio	Lower	Upper
79	100		
52	69.1	58.1	87.1
51	35.8	29.3	43.9

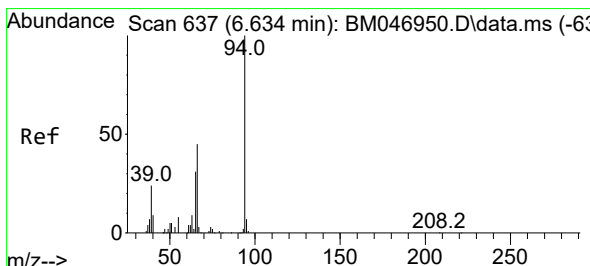
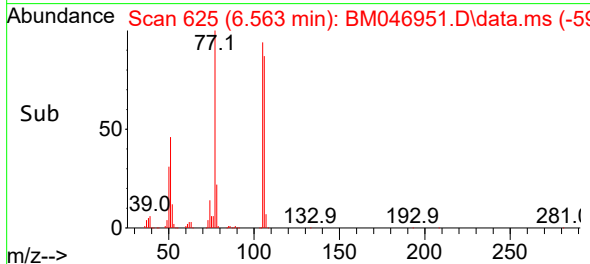
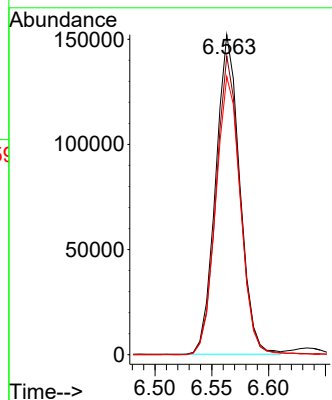
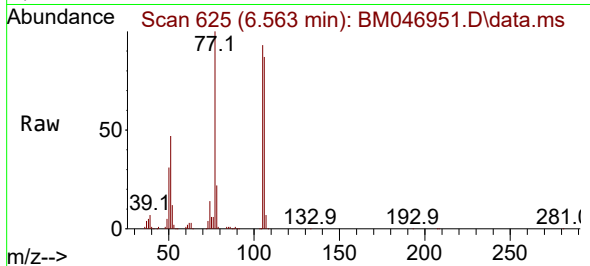




#6
Benzaldehyde
Concen: 34.344 ng/ul
RT: 6.563 min Scan# 61
Delta R.T. 0.000 min
Lab File: BM046951.D
Acq: 02 Aug 2024 16:22

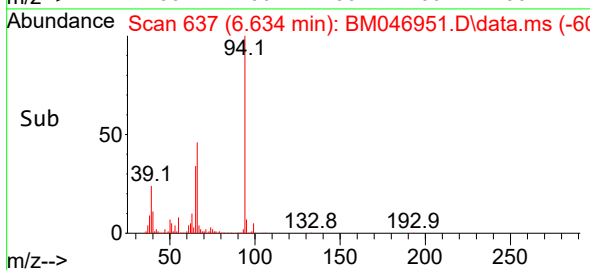
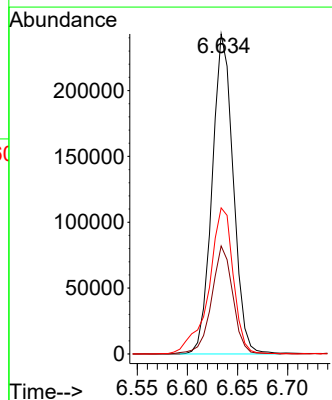
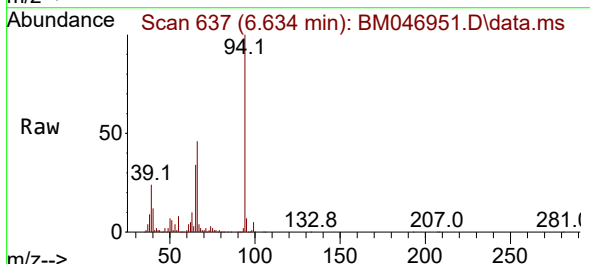
Instrument :
BNA_M
ClientSampleId :

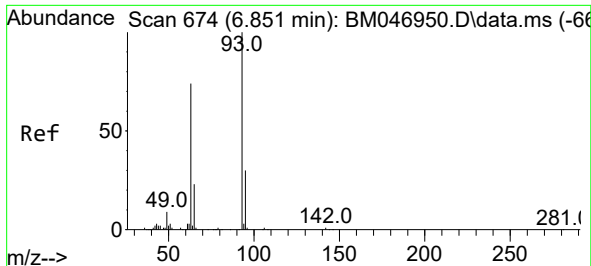
Tgt Ion: 77 Resp: 224310
Ion Ratio Lower Upper
77 100
105 93.4 74.7 112.1
106 86.9 74.2 111.2



#8
Phenol
Concen: 32.946 ng/ul
RT: 6.634 min Scan# 637
Delta R.T. 0.000 min
Lab File: BM046951.D
Acq: 02 Aug 2024 16:22

Tgt Ion: 94 Resp: 355797
Ion Ratio Lower Upper
94 100
65 33.8 25.1 37.7
66 45.7 37.7 56.5





#10

Bis(2-Chloroethyl)ether

Concen: 36.871 ng/ul

RT: 6.851 min Scan# 611

Delta R.T. 0.000 min

Lab File: BM046951.D

Acq: 02 Aug 2024 16:22

Instrument :

BNA_M

ClientSampleId :

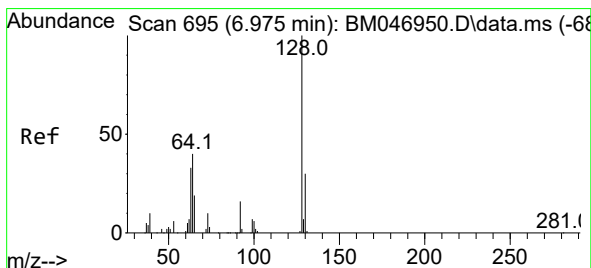
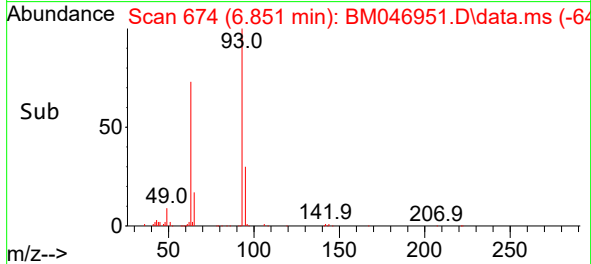
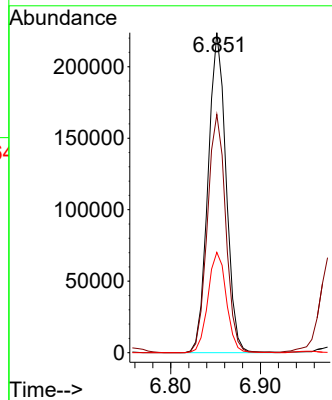
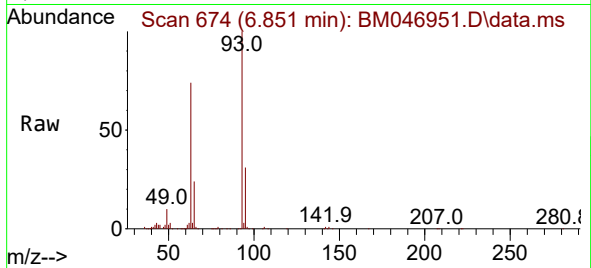
Tgt Ion: 93 Resp: 311107

Ion Ratio Lower Upper

93 100

63 74.5 59.0 88.6

95 31.4 24.0 36.0



#12

2-Chlorophenol

Concen: 36.665 ng/ul

RT: 6.981 min Scan# 696

Delta R.T. 0.006 min

Lab File: BM046951.D

Acq: 02 Aug 2024 16:22

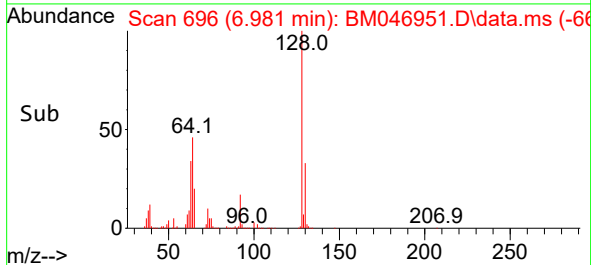
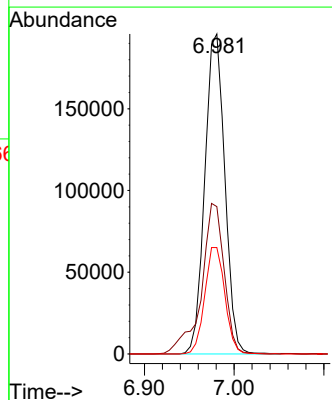
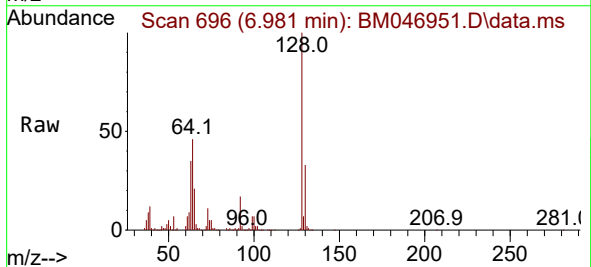
Tgt Ion:128 Resp: 303761

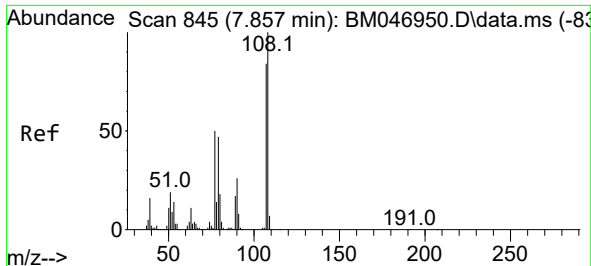
Ion Ratio Lower Upper

128 100

64 46.1 37.0 55.4

130 33.2 24.1 36.1

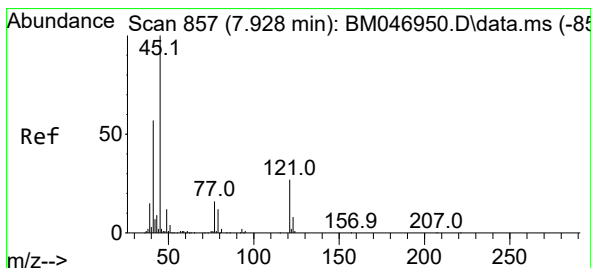
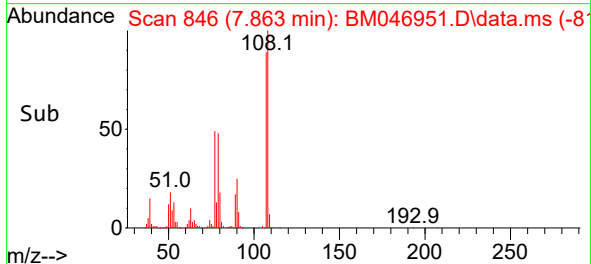
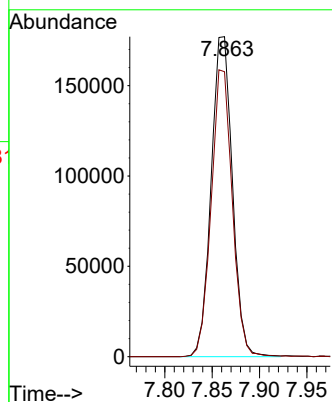
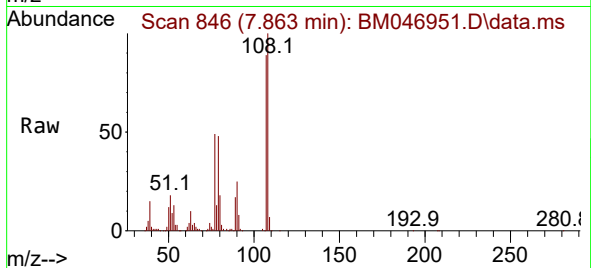




#13
2-Methylphenol
Concen: 42.653 ng/ul
RT: 7.863 min Scan# 845
Delta R.T. 0.006 min
Lab File: BM046951.D
Acq: 02 Aug 2024 16:22

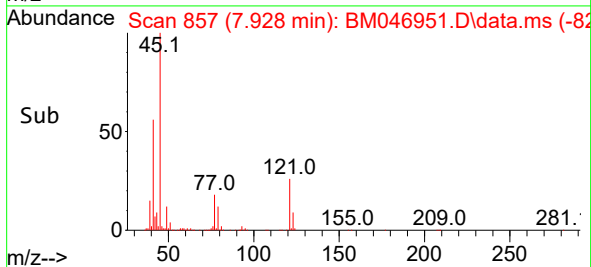
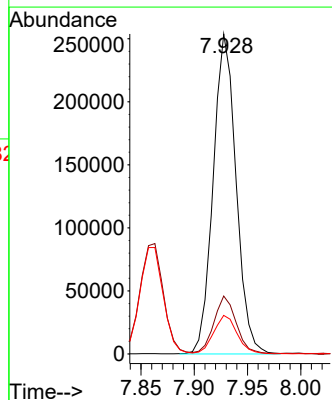
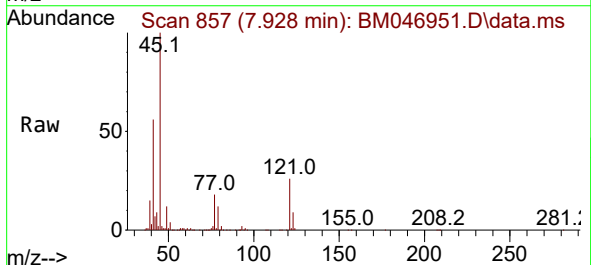
Instrument :
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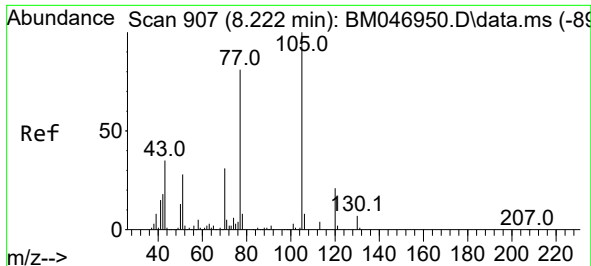
Tgt Ion:108 Resp: 276015
Ion Ratio Lower Upper
108 100
107 89.0 67.4 101.0



#14
2,2'-oxybis(1-Chloropropane)
Concen: 45.556 ng/ul
RT: 7.928 min Scan# 857
Delta R.T. 0.000 min
Lab File: BM046951.D
Acq: 02 Aug 2024 16:22

Tgt Ion: 45 Resp: 379511
Ion Ratio Lower Upper
45 100
77 18.1 13.2 19.8
79 12.1 9.8 14.6

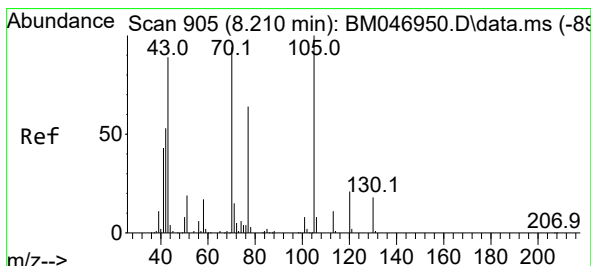
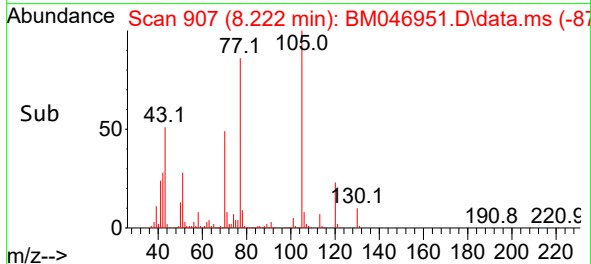
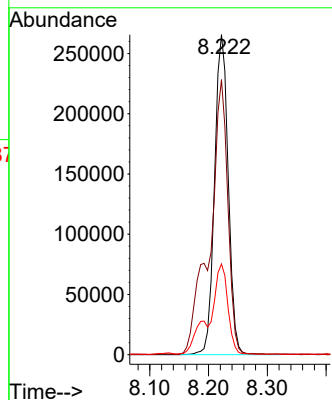
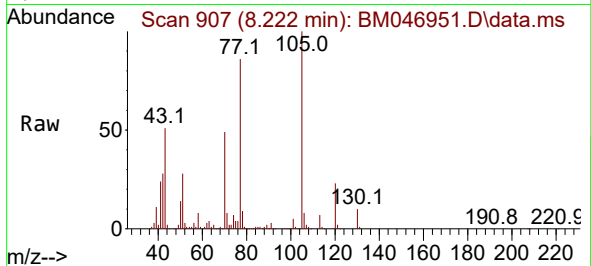




#16
Acetophenone
Concen: 38.875 ng/ul
RT: 8.222 min Scan# 907
Delta R.T. 0.000 min
Lab File: BM046951.D
Acq: 02 Aug 2024 16:22

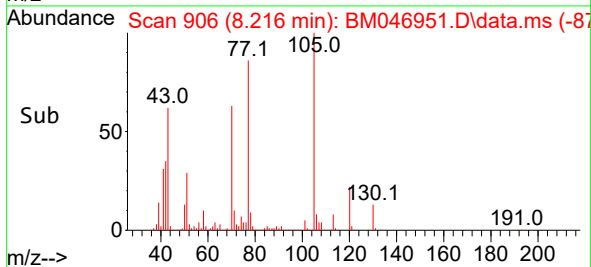
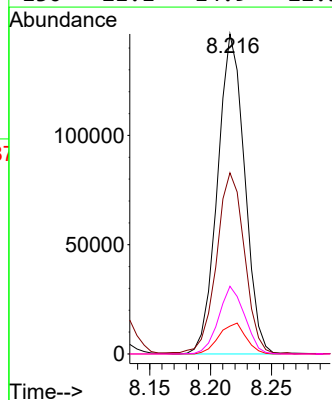
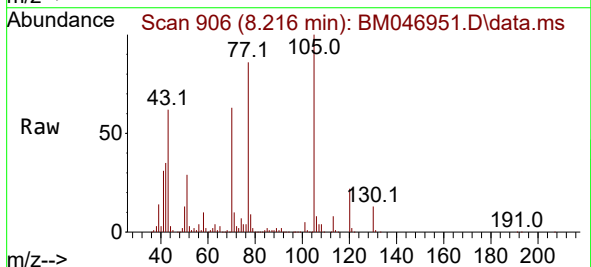
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BNA_M
ClientSampleId :

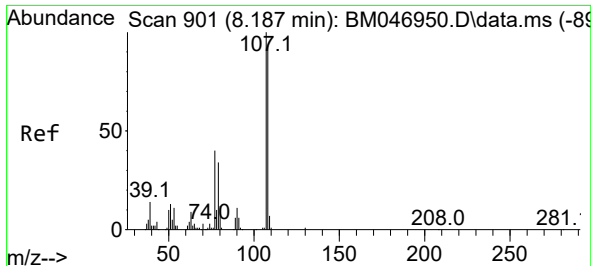
Tgt Ion:105 Resp: 429349
Ion Ratio Lower Upper
105 100
77 86.0 66.1 99.1
51 28.4 23.0 34.4



#17
N-Nitroso-di-n-propylamine
Concen: 44.552 ng/ul
RT: 8.216 min Scan# 906
Delta R.T. 0.006 min
Lab File: BM046951.D
Acq: 02 Aug 2024 16:22

Tgt Ion: 70 Resp: 226468
Ion Ratio Lower Upper
70 100
42 56.6 45.8 68.8
101 8.7 6.9 10.3
130 21.1 14.9 22.3

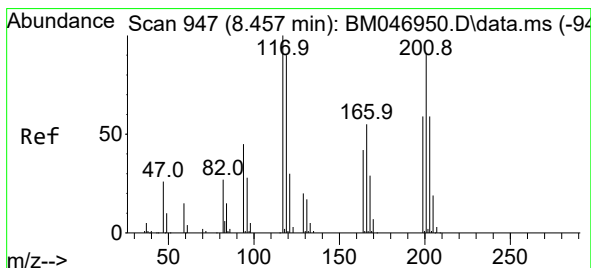
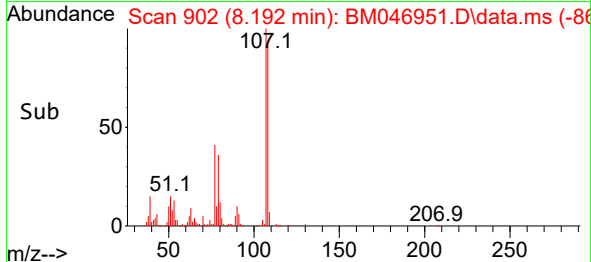
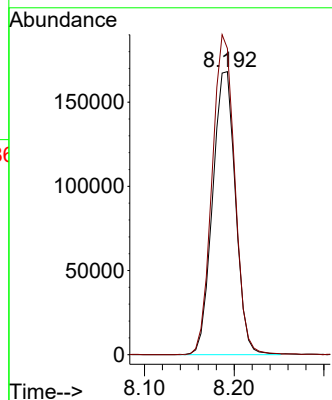
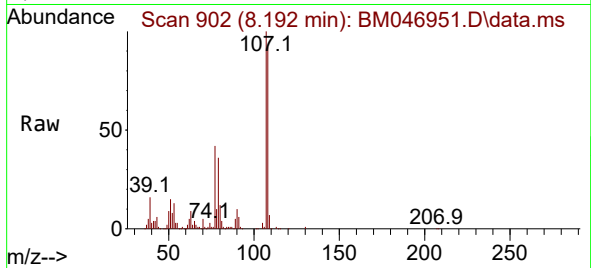




#18
4-Methylphenol
Concen: 42.683 ng/ul
RT: 8.192 min Scan# 901
Delta R.T. 0.006 min
Lab File: BM046951.D
Acq: 02 Aug 2024 16:22

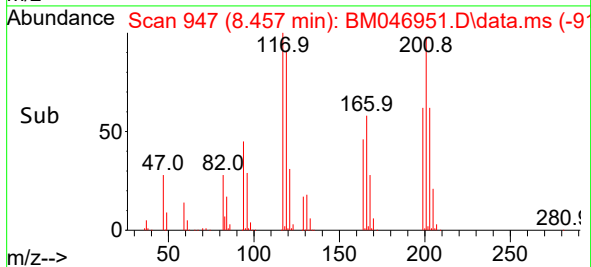
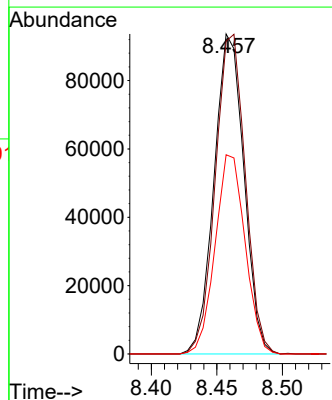
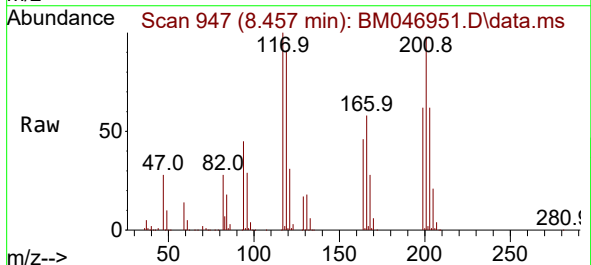
Instrument :
BNA_M
ClientSampleId :

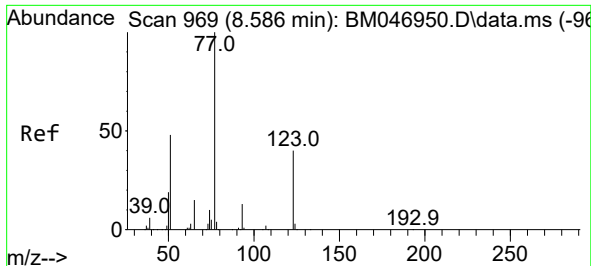
Tgt Ion:108 Resp: 298448
Ion Ratio Lower Upper
108 100
107 108.2 86.4 129.6



#19
Hexachloroethane
Concen: 41.888 ng/ul
RT: 8.457 min Scan# 947
Delta R.T. 0.000 min
Lab File: BM046951.D
Acq: 02 Aug 2024 16:22

Tgt Ion:117 Resp: 148240
Ion Ratio Lower Upper
117 100
201 97.7 72.7 109.1
199 62.3 46.9 70.3

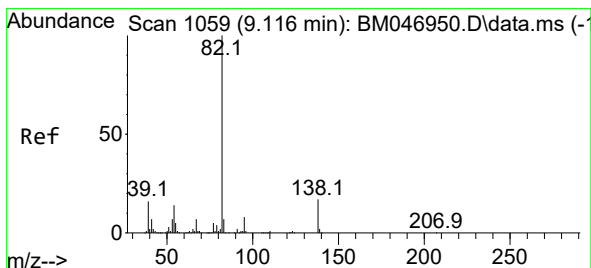
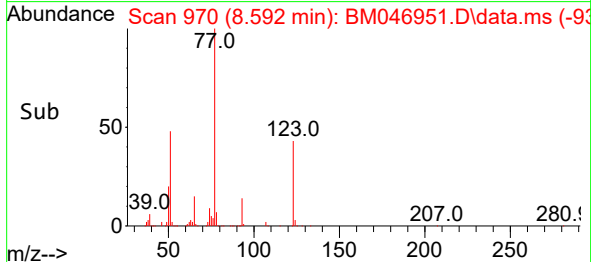
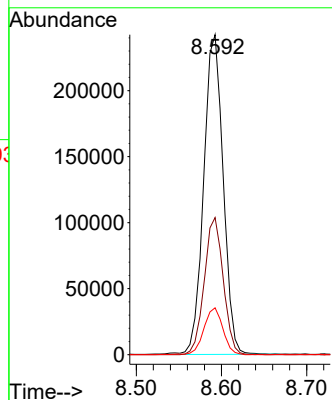
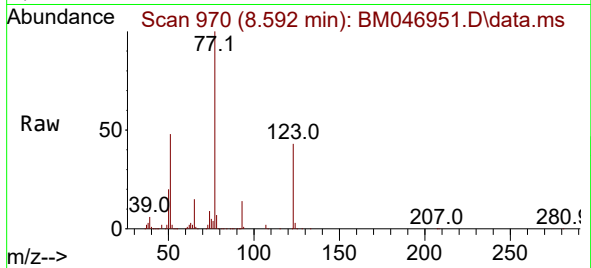




#22
Nitrobenzene
Concen: 42.299 ng/ul
RT: 8.592 min Scan# 91
Delta R.T. 0.006 min
Lab File: BM046951.D
Acq: 02 Aug 2024 16:22

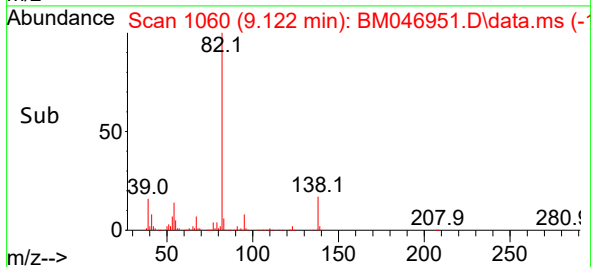
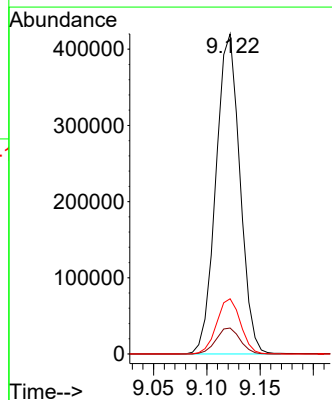
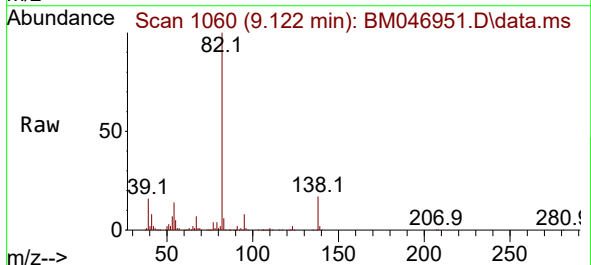
Instrument :
BNA_M
ClientSampleId :

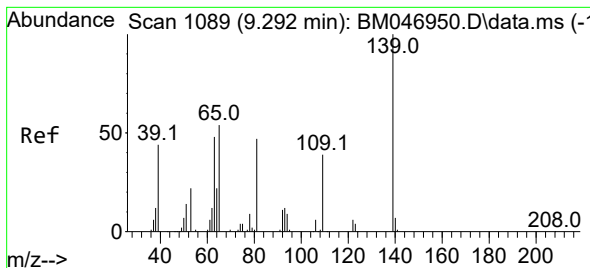
Tgt Ion: 77 Resp: 383341
Ion Ratio Lower Upper
77 100
123 42.9 31.4 47.2
65 14.6 12.1 18.1



#23
Isophorone
Concen: 38.527 ng/ul
RT: 9.122 min Scan# 1060
Delta R.T. 0.006 min
Lab File: BM046951.D
Acq: 02 Aug 2024 16:22

Tgt Ion: 82 Resp: 657363
Ion Ratio Lower Upper
82 100
95 8.1 6.4 9.6
138 17.3 13.6 20.4

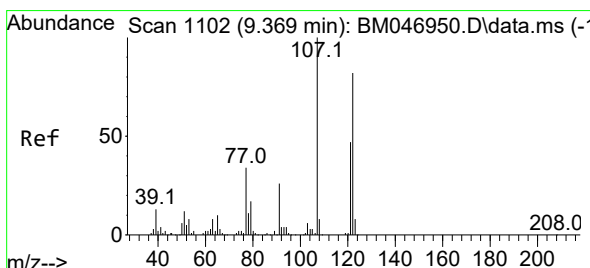
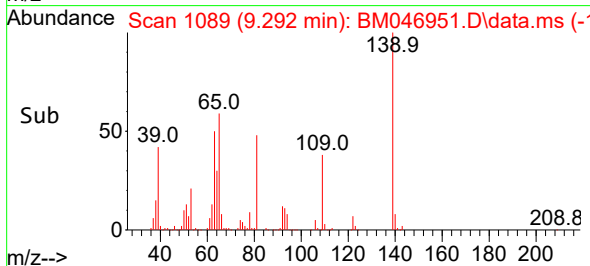
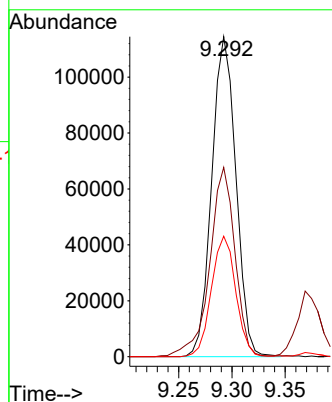
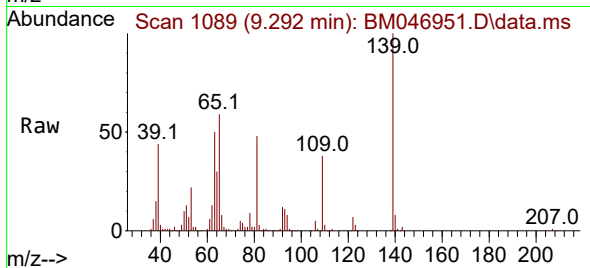




#25
2-Nitrophenol
Concen: 35.006 ng/ul
RT: 9.292 min Scan# 1089
Delta R.T. 0.000 min
Lab File: BM046951.D
Acq: 02 Aug 2024 16:22

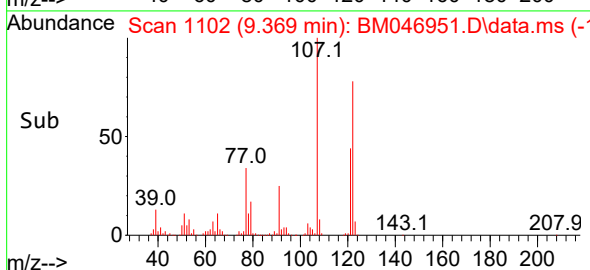
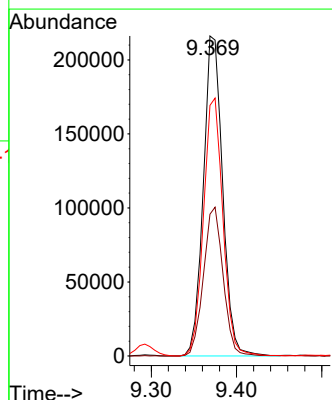
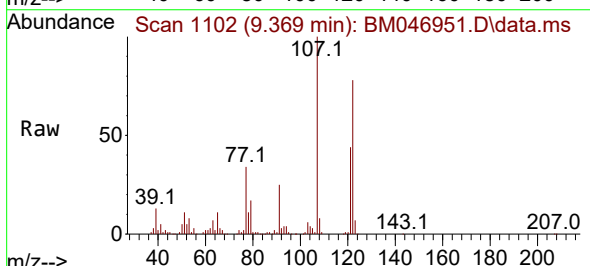
Instrument :
BNA_M
ClientSampleId :

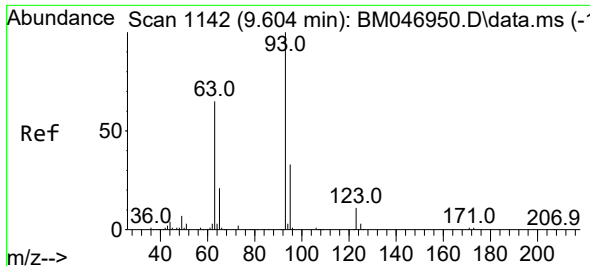
Tgt Ion:139 Resp: 180396
Ion Ratio Lower Upper
139 100
65 59.2 45.1 67.7
109 37.6 30.9 46.3



#26
2,4-Dimethylphenol
Concen: 35.767 ng/ul
RT: 9.369 min Scan# 1102
Delta R.T. 0.000 min
Lab File: BM046951.D
Acq: 02 Aug 2024 16:22

Tgt Ion:107 Resp: 340588
Ion Ratio Lower Upper
107 100
121 44.3 37.3 55.9
122 78.3 65.8 98.6

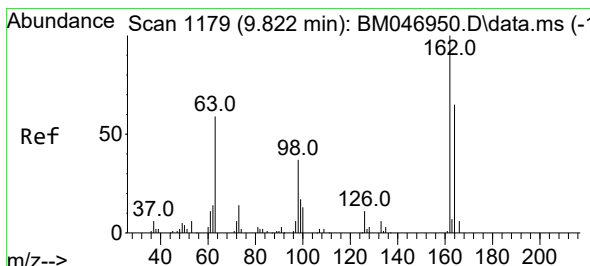
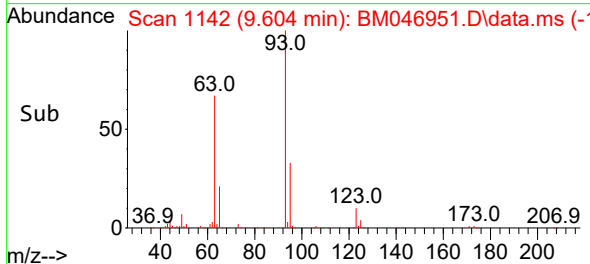
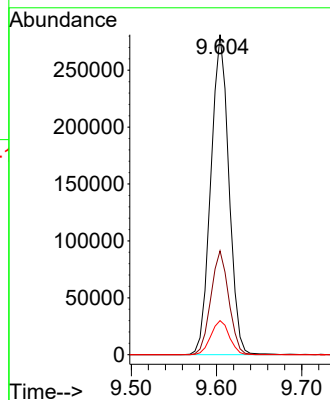
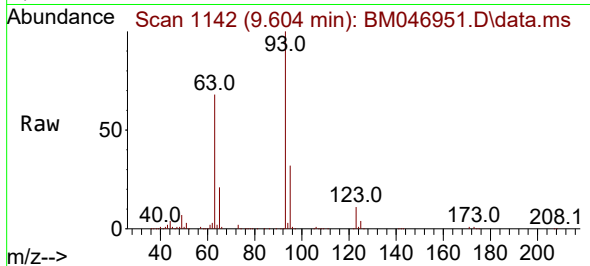




#27
 Bis(2-Chloroethoxy)methane
 Concen: 43.191 ng/ul
 RT: 9.604 min Scan# 1142
 Delta R.T. 0.000 min
 Lab File: BM046951.D
 Acq: 02 Aug 2024 16:22

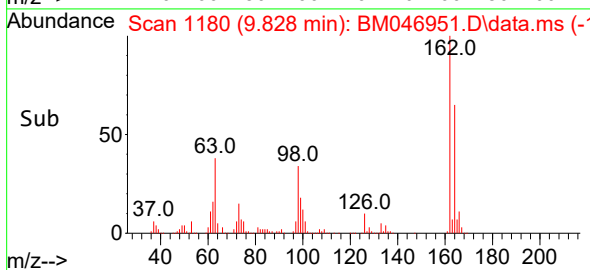
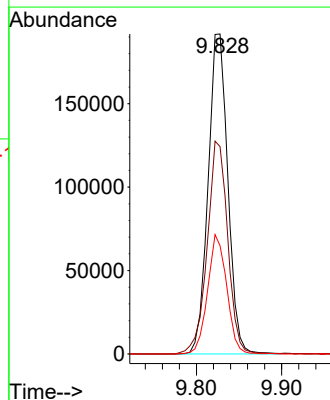
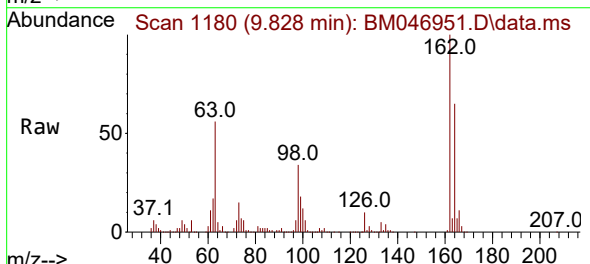
Instrument :
 BNA_M
 ClientSampleId :

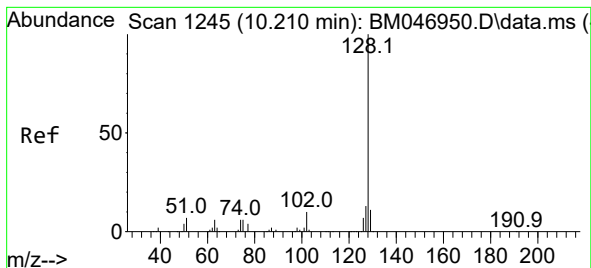
Tgt Ion: 93 Resp: 413497
 Ion Ratio Lower Upper
 93 100
 95 32.5 26.1 39.1
 123 10.6 9.1 13.7



#29
 2,4-Dichlorophenol
 Concen: 33.783 ng/ul
 RT: 9.828 min Scan# 1180
 Delta R.T. 0.006 min
 Lab File: BM046951.D
 Acq: 02 Aug 2024 16:22

Tgt Ion:162 Resp: 308872
 Ion Ratio Lower Upper
 162 100
 164 64.8 53.3 79.9
 98 33.8 29.6 44.4

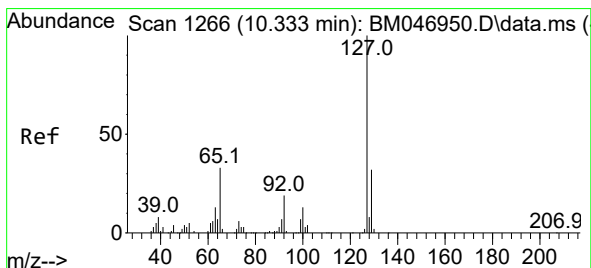
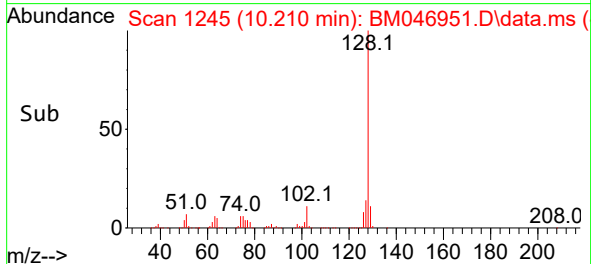
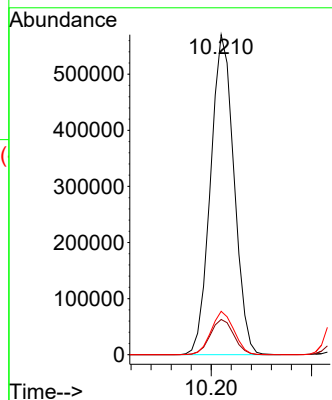
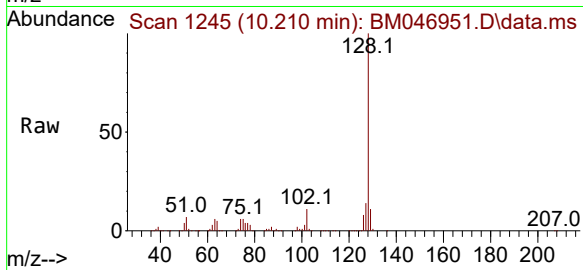




#30
Naphthalene
Concen: 39.790 ng/ul
RT: 10.210 min Scan# 1245
Delta R.T. 0.000 min
Lab File: BM046951.D
Acq: 02 Aug 2024 16:22

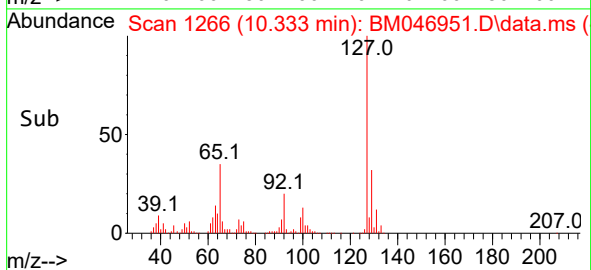
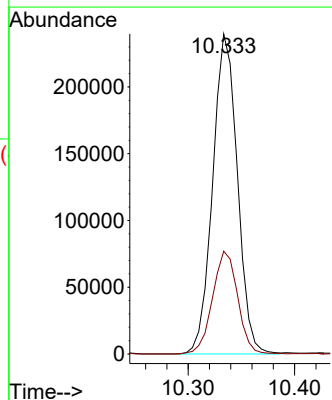
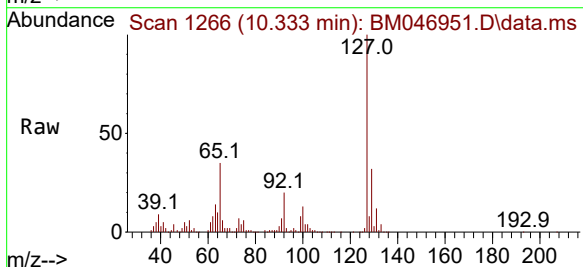
Instrument :
BNA_M
ClientSampleId :

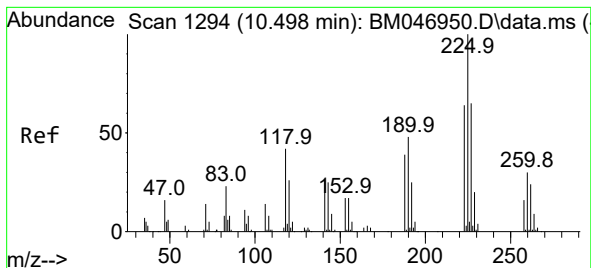
Tgt Ion:128 Resp: 928047
Ion Ratio Lower Upper
128 100
129 11.0 8.6 13.0
127 13.6 10.4 15.6



#32
4-Chloroaniline
Concen: 40.109 ng/ul
RT: 10.333 min Scan# 1266
Delta R.T. 0.000 min
Lab File: BM046951.D
Acq: 02 Aug 2024 16:22

Tgt Ion:127 Resp: 385658
Ion Ratio Lower Upper
127 100
129 32.1 25.6 38.4





#33

Hexachlorobutadiene

Concen: 29.716 ng/ul

RT: 10.504 min Scan# 1

Delta R.T. 0.006 min

Lab File: BM046951.D

Acq: 02 Aug 2024 16:22

Instrument :

BNA_M

ClientSampleId :

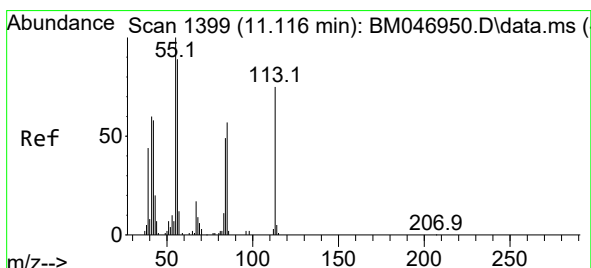
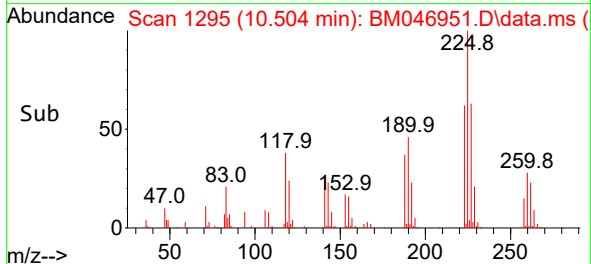
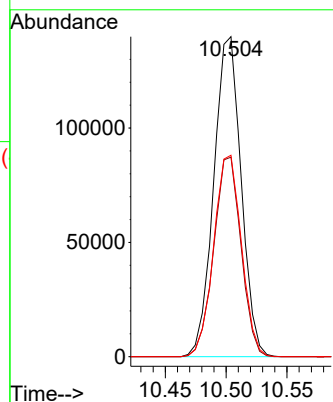
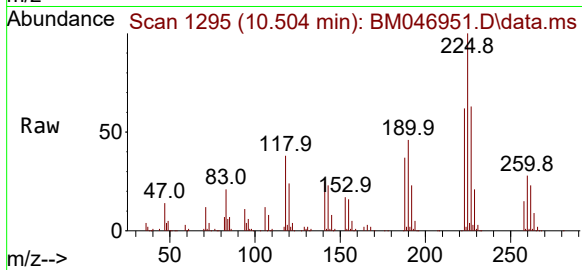
Tgt Ion:225 Resp: 219078

Ion Ratio Lower Upper

225 100

223 62.4 51.0 76.6

227 63.0 52.3 78.5



#34

Caprolactam

Concen: 20.026 ng/ul

RT: 11.122 min Scan# 1400

Delta R.T. 0.006 min

Lab File: BM046951.D

Acq: 02 Aug 2024 16:22

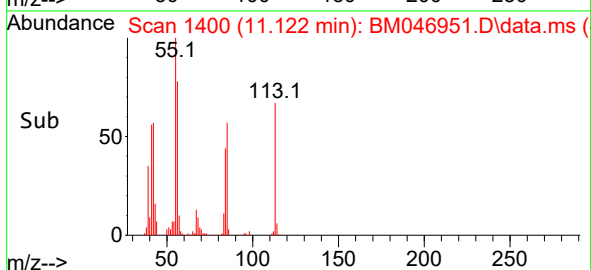
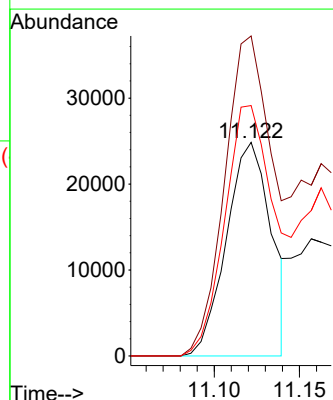
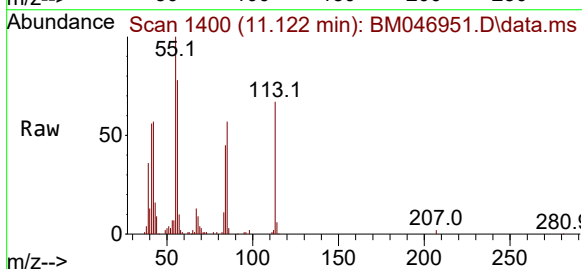
Tgt Ion:113 Resp: 45501

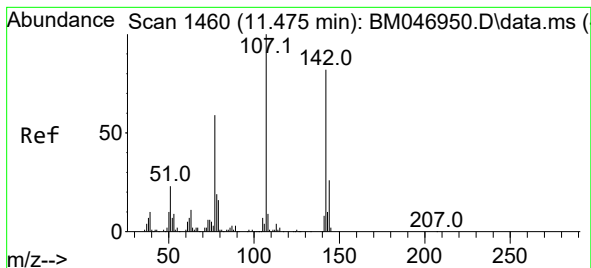
Ion Ratio Lower Upper

113 100

55 149.8 106.3 159.5

56 117.3 94.6 141.8

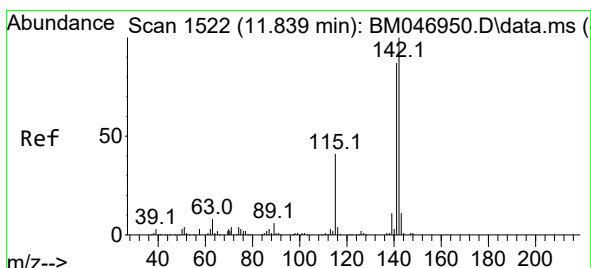
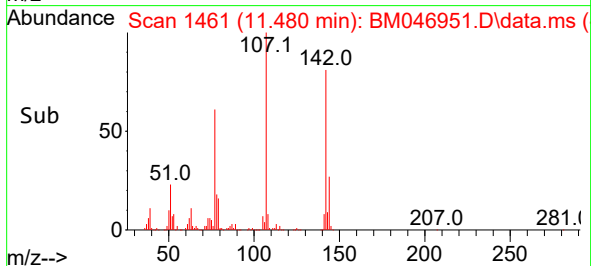
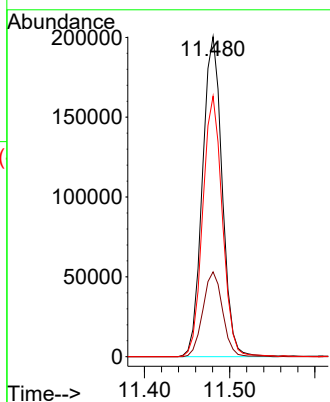
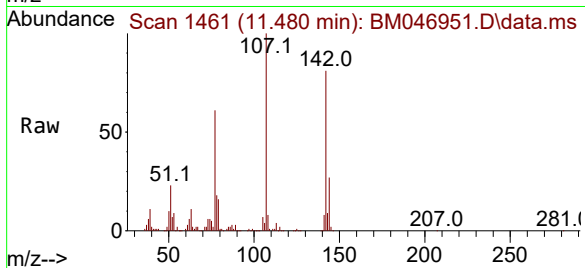




#35
4-Chloro-3-methylphenol
Concen: 43.075 ng/ul
RT: 11.480 min Scan# 1460
Delta R.T. 0.006 min
Lab File: BM046951.D
Acq: 02 Aug 2024 16:22

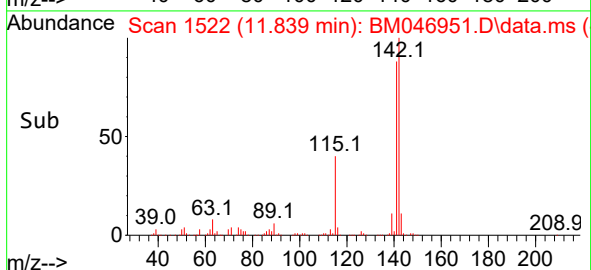
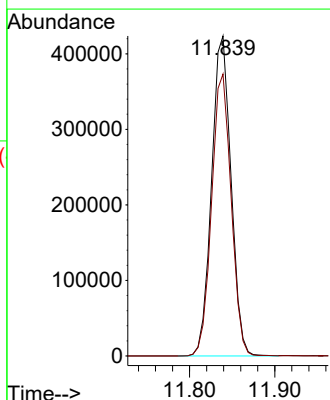
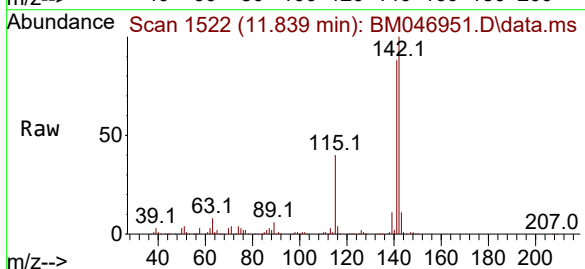
Instrument :
BNA_M
ClientSampleId :

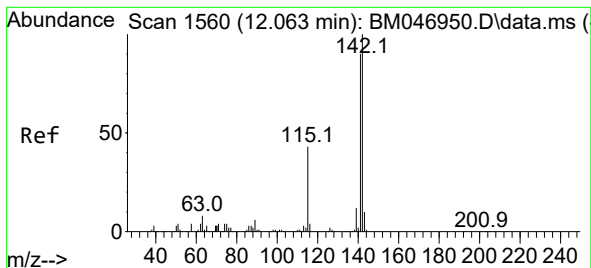
Tgt Ion:107 Resp: 322645
Ion Ratio Lower Upper
107 100
144 26.5 21.1 31.7
142 81.4 65.3 97.9



#36
2-Methylnaphthalene
Concen: 33.627 ng/ul
RT: 11.839 min Scan# 1522
Delta R.T. 0.000 min
Lab File: BM046951.D
Acq: 02 Aug 2024 16:22

Tgt Ion:142 Resp: 670784
Ion Ratio Lower Upper
142 100
141 88.1 69.9 104.9





#37

1-Methylnaphthalene

Concen: 34.053 ng/ul

RT: 12.063 min Scan# 1

Delta R.T. 0.000 min

Lab File: BM046951.D

Acq: 02 Aug 2024 16:22

Instrument :

BNA_M

ClientSampleId :

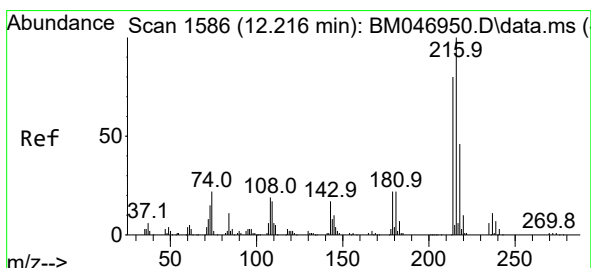
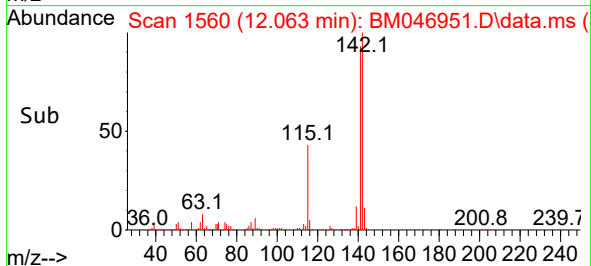
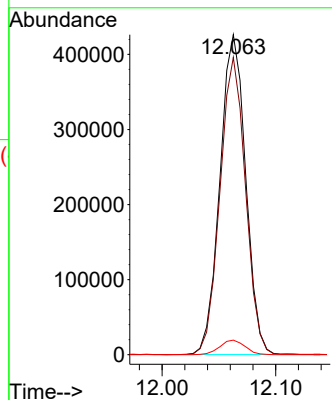
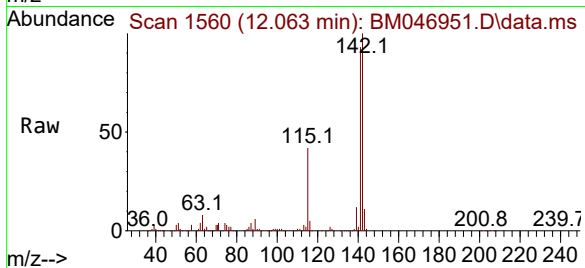
Tgt Ion:142 Resp: 670987

Ion Ratio Lower Upper

142 100

141 92.9 72.0 108.0

116 4.5 3.6 5.4



#39

1,2,4,5-Tetrachlorobenzene

Concen: 32.297 ng/ul

RT: 12.222 min Scan# 1587

Delta R.T. 0.006 min

Lab File: BM046951.D

Acq: 02 Aug 2024 16:22

Tgt Ion:216 Resp: 387374

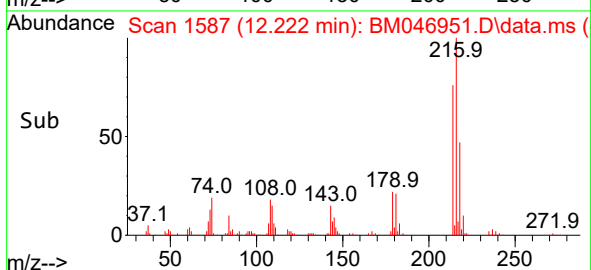
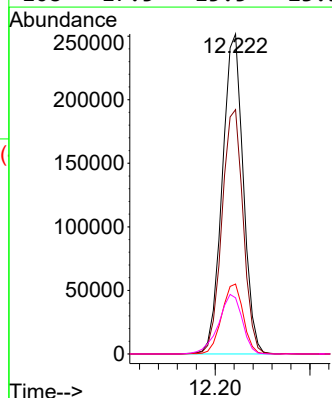
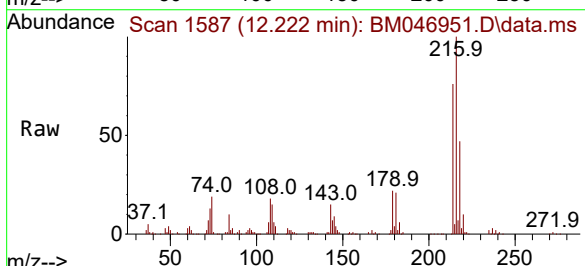
Ion Ratio Lower Upper

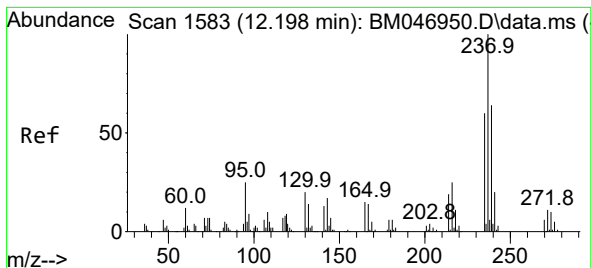
216 100

214 76.4 63.7 95.5

179 21.9 17.3 25.9

108 17.5 15.5 23.3

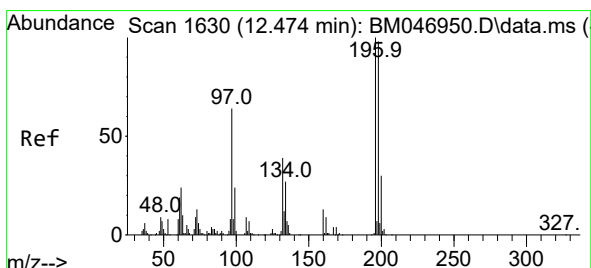
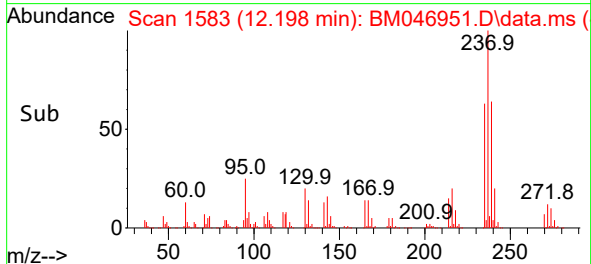
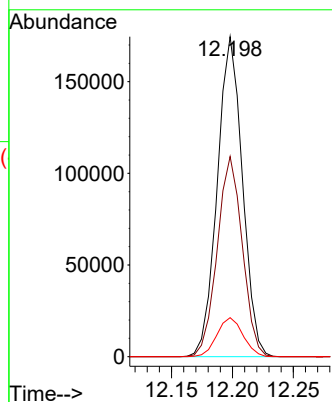
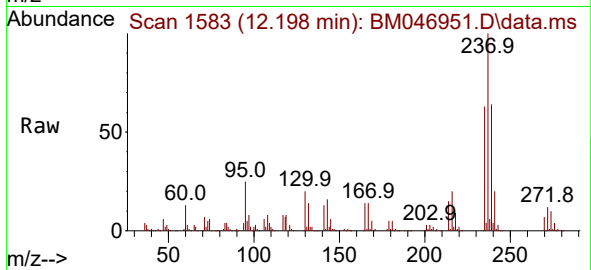




#40
Hexachlorocyclopentadiene
Concen: 35.687 ng/ul
RT: 12.198 min Scan# 1583
Delta R.T. 0.000 min
Lab File: BM046951.D
Acq: 02 Aug 2024 16:22

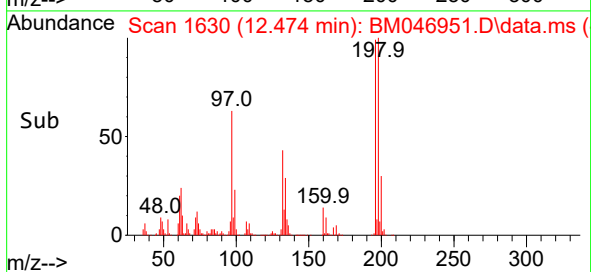
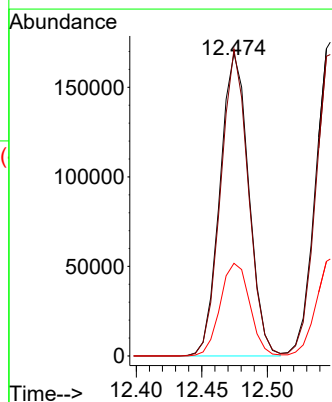
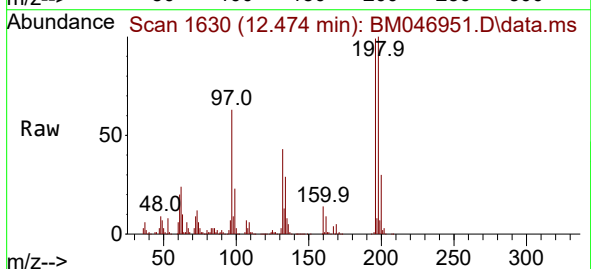
Instrument :
BNA_M
ClientSampleId :

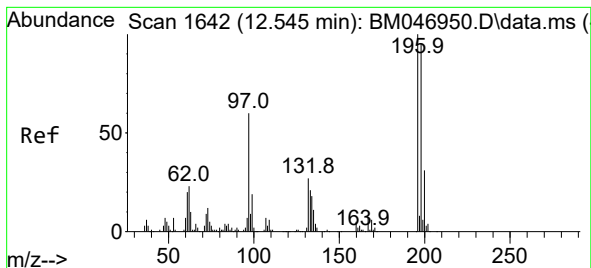
Tgt Ion:237 Resp: 251006
Ion Ratio Lower Upper
237 100
235 62.5 48.4 72.6
272 12.2 8.8 13.2



#41
2,4,6-Trichlorophenol
Concen: 34.607 ng/ul
RT: 12.474 min Scan# 1630
Delta R.T. 0.000 min
Lab File: BM046951.D
Acq: 02 Aug 2024 16:22

Tgt Ion:196 Resp: 258376
Ion Ratio Lower Upper
196 100
198 101.3 78.7 118.1
200 30.6 23.9 35.9





#42

2,4,5-Trichlorophenol

Concen: 34.574 ng/ul

RT: 12.551 min Scan# 1

Delta R.T. 0.006 min

Lab File: BM046951.D

Acq: 02 Aug 2024 16:22

Instrument :

BNA_M

ClientSampleId :

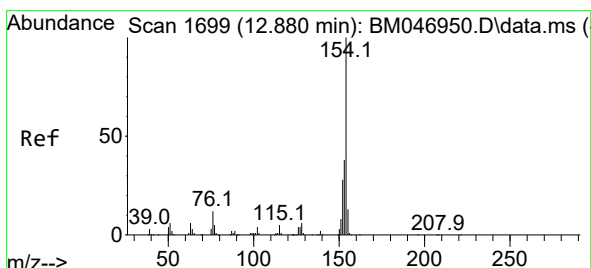
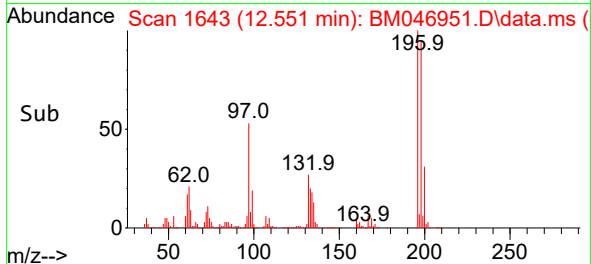
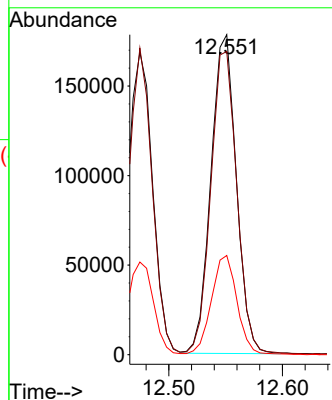
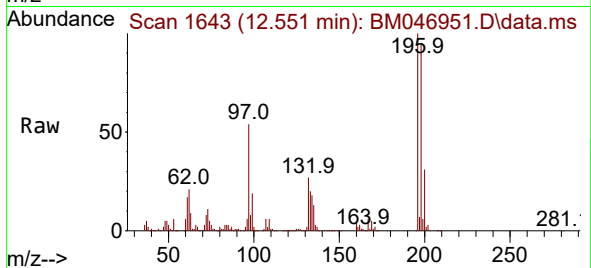
Tgt Ion:196 Resp: 276999

Ion Ratio Lower Upper

196 100

198 94.8 76.2 114.2

200 31.0 25.0 37.6



#43

1,1'-Biphenyl

Concen: 37.532 ng/ul

RT: 12.880 min Scan# 1699

Delta R.T. 0.000 min

Lab File: BM046951.D

Acq: 02 Aug 2024 16:22

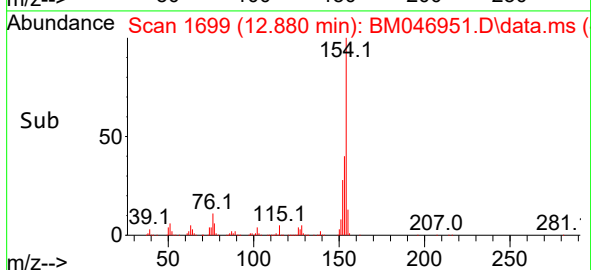
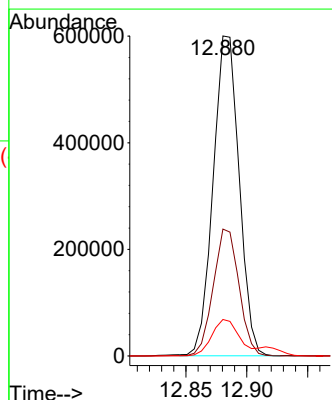
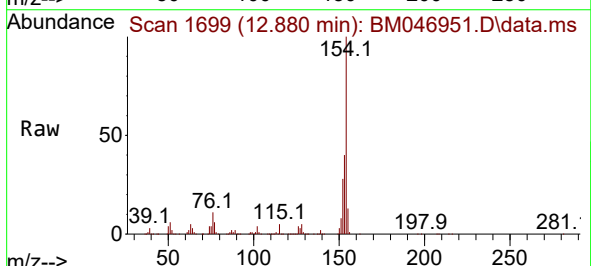
Tgt Ion:154 Resp: 891562

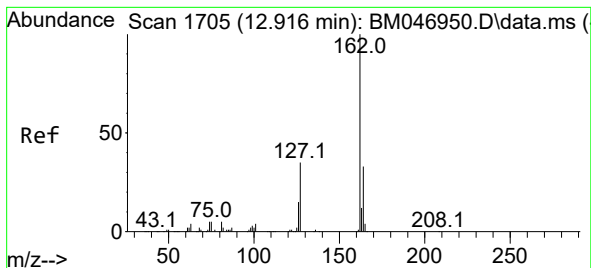
Ion Ratio Lower Upper

154 100

153 39.7 30.7 46.1

76 11.4 9.3 13.9

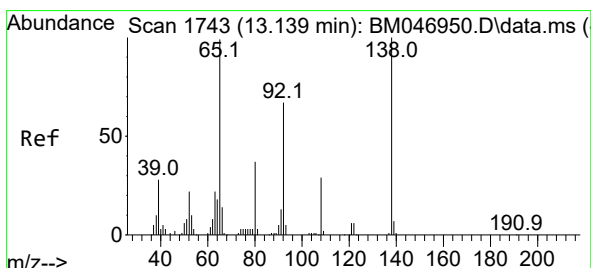
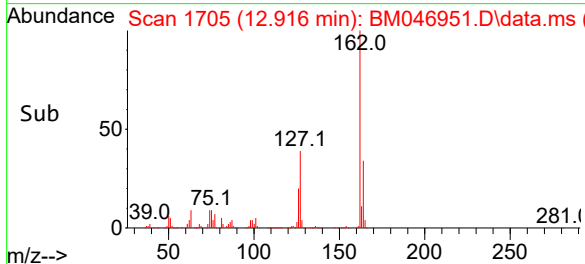
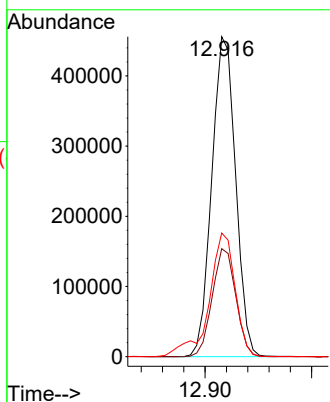
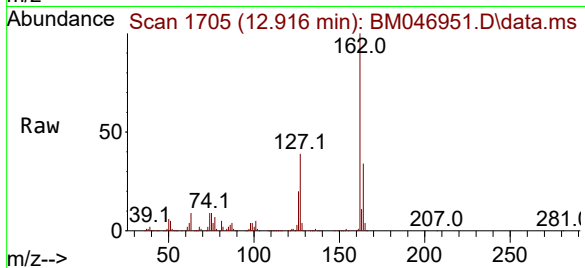




#44
2-Chloronaphthalene
Concen: 36.415 ng/ul
RT: 12.916 min Scan# 1705
Delta R.T. 0.000 min
Lab File: BM046951.D
Acq: 02 Aug 2024 16:22

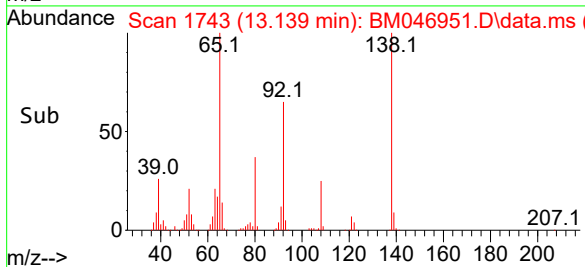
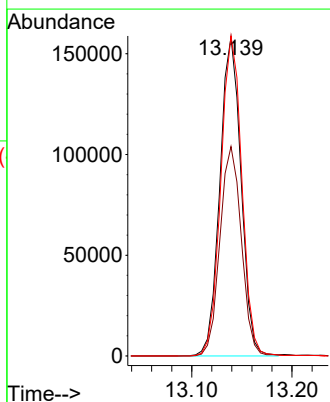
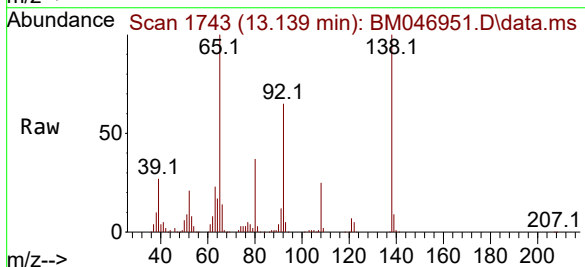
Instrument :
BNA_M
ClientSampleId :

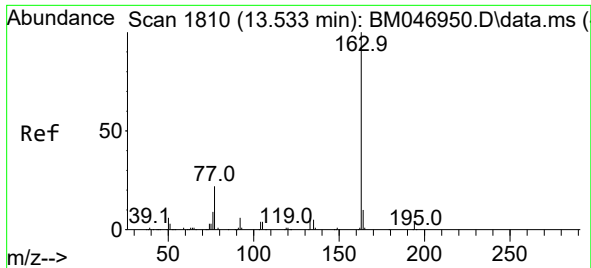
Tgt Ion:162 Resp: 707607
Ion Ratio Lower Upper
162 100
164 33.8 26.5 39.7
127 38.7 30.6 45.8



#45
2-Nitroaniline
Concen: 46.596 ng/ul
RT: 13.139 min Scan# 1743
Delta R.T. 0.000 min
Lab File: BM046951.D
Acq: 02 Aug 2024 16:22

Tgt Ion: 65 Resp: 231395
Ion Ratio Lower Upper
65 100
92 65.7 54.0 81.0
138 100.3 81.0 121.4

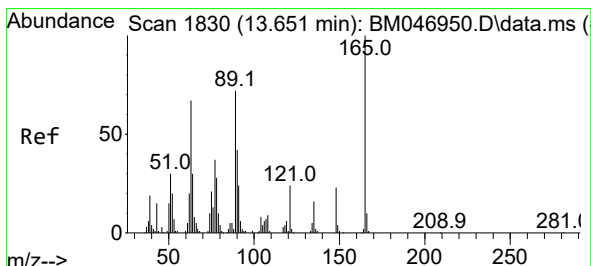
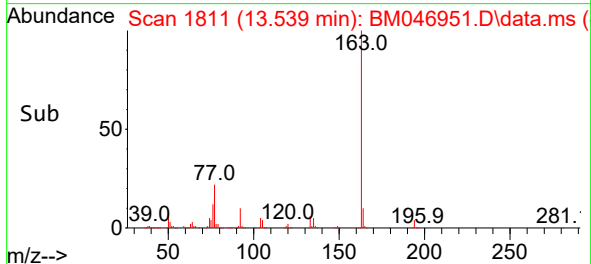
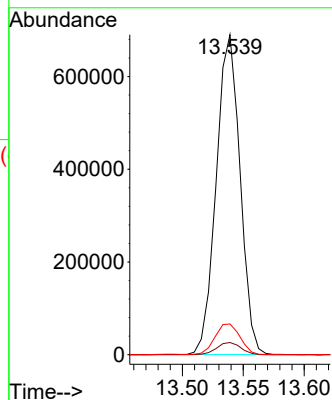
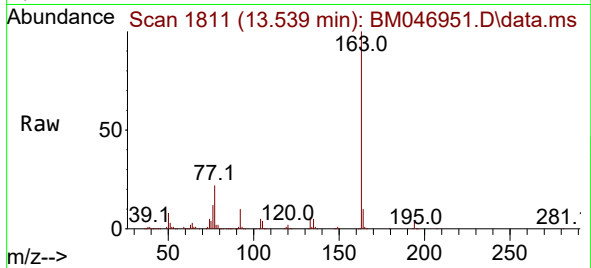




#47
Dimethylphthalate
Concen: 40.346 ng/ul
RT: 13.539 min Scan# 1810
Delta R.T. 0.006 min
Lab File: BM046951.D
Acq: 02 Aug 2024 16:22

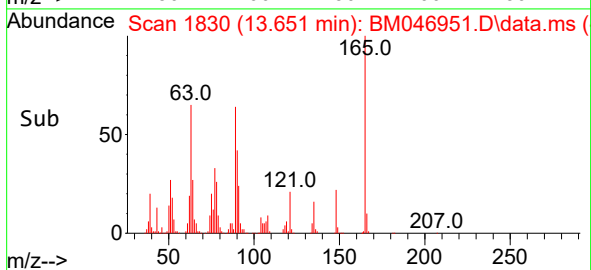
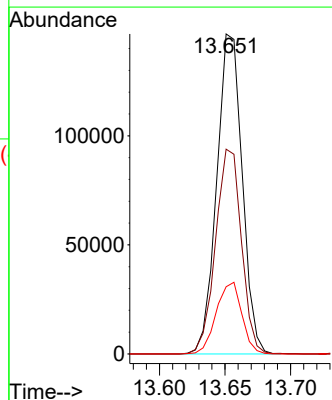
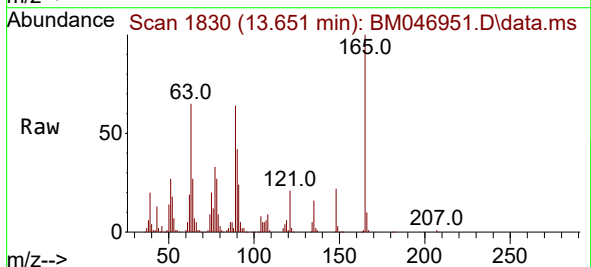
Instrument :
BNA_M
ClientSampleId :

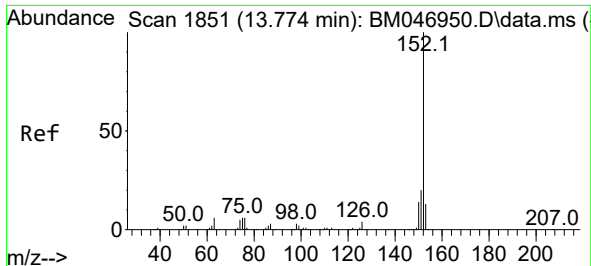
Tgt Ion:163 Resp: 938934
Ion Ratio Lower Upper
163 100
194 3.8 3.3 4.9
164 9.6 8.1 12.1



#48
2,6-Dinitrotoluene
Concen: 42.123 ng/ul
RT: 13.651 min Scan# 1830
Delta R.T. 0.000 min
Lab File: BM046951.D
Acq: 02 Aug 2024 16:22

Tgt Ion:165 Resp: 198268
Ion Ratio Lower Upper
165 100
89 64.0 57.8 86.8
121 21.0 19.4 29.0

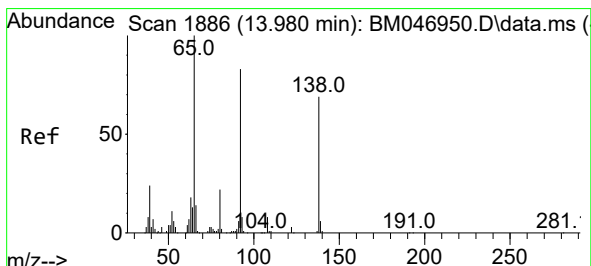
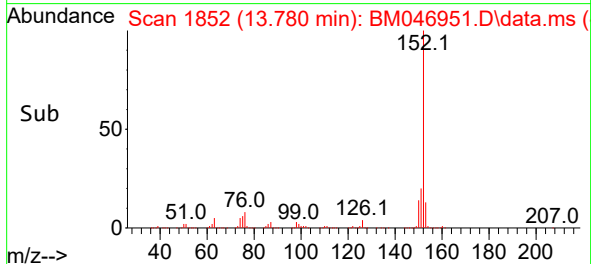
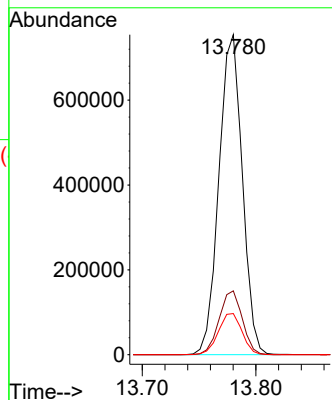
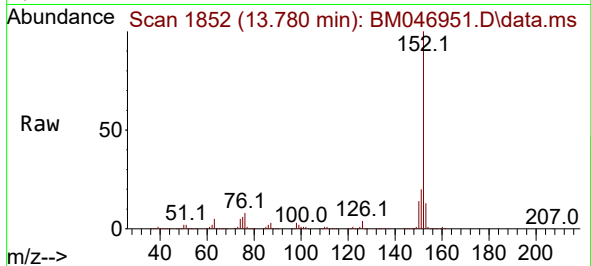




#50
Acenaphthylene
Concen: 40.685 ng/ul
RT: 13.780 min Scan# 1851
Delta R.T. 0.006 min
Lab File: BM046951.D
Acq: 02 Aug 2024 16:22

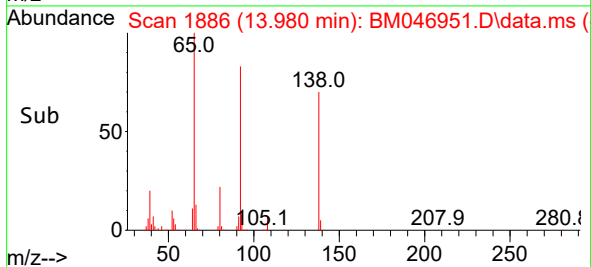
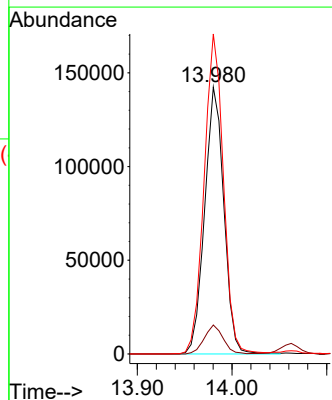
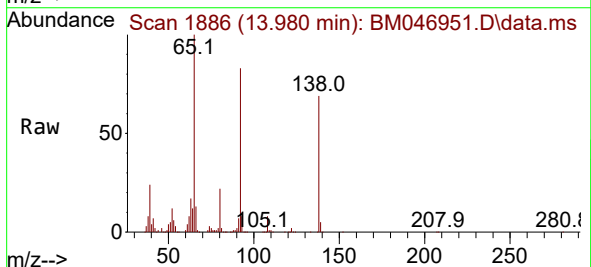
Instrument :
BNA_M
ClientSampleId :

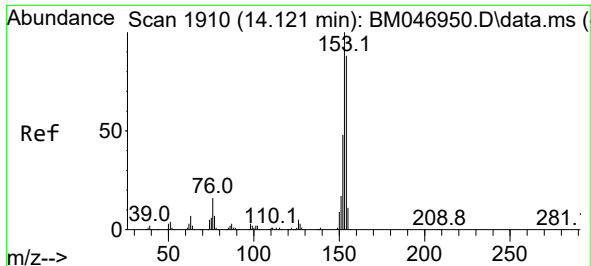
Tgt Ion:152 Resp: 1079975
Ion Ratio Lower Upper
152 100
151 19.9 15.7 23.5
153 12.8 10.1 15.1



#51
3-Nitroaniline
Concen: 43.518 ng/ul
RT: 13.980 min Scan# 1886
Delta R.T. 0.000 min
Lab File: BM046951.D
Acq: 02 Aug 2024 16:22

Tgt Ion:138 Resp: 200544
Ion Ratio Lower Upper
138 100
108 10.9 9.4 14.2
92 119.9 96.6 144.8

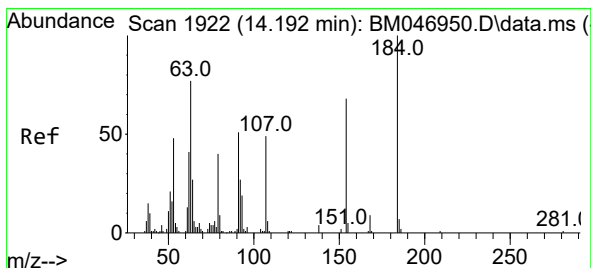
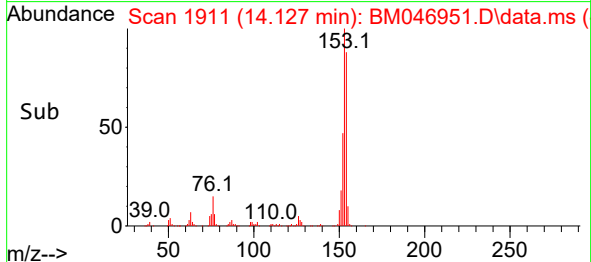
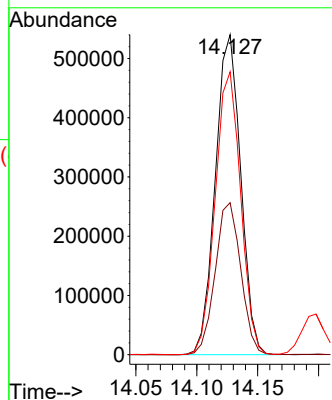
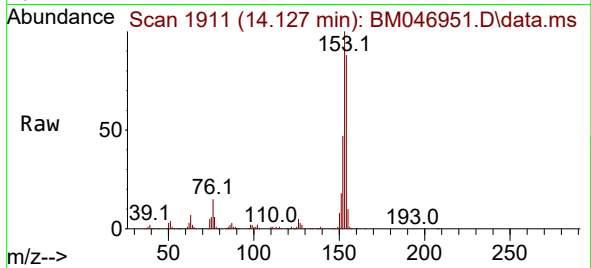




#52
Acenaphthene
Concen: 40.622 ng/ul
RT: 14.127 min Scan# 1910
Delta R.T. 0.006 min
Lab File: BM046951.D
Acq: 02 Aug 2024 16:22

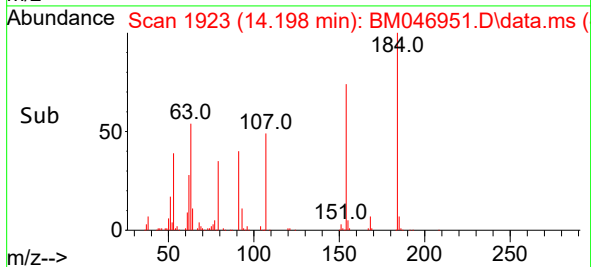
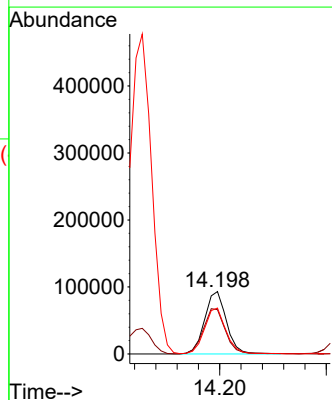
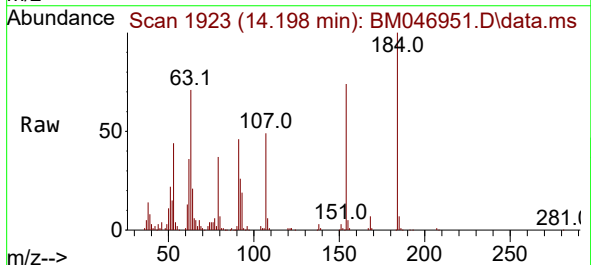
Instrument :
BNA_M
ClientSampleId :

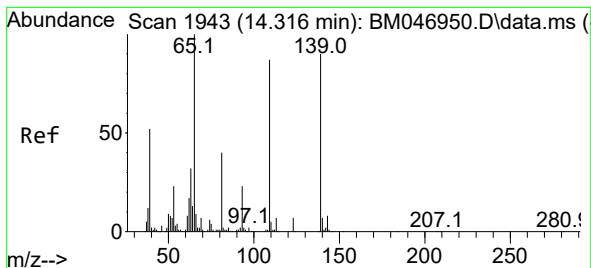
Tgt Ion:153 Resp: 783858
Ion Ratio Lower Upper
153 100
152 47.5 38.2 57.2
154 88.4 70.1 105.1



#53
2,4-Dinitrophenol
Concen: 38.344 ng/ul
RT: 14.198 min Scan# 1923
Delta R.T. 0.006 min
Lab File: BM046951.D
Acq: 02 Aug 2024 16:22

Tgt Ion:184 Resp: 132566
Ion Ratio Lower Upper
184 100
63 71.1 61.9 92.9
154 73.7 55.6 83.4

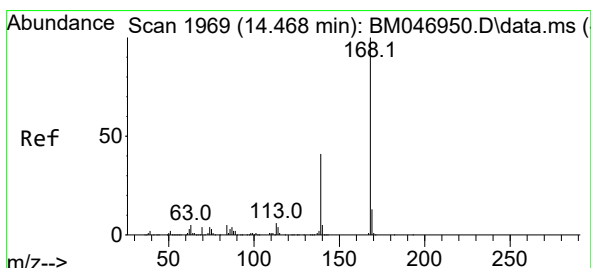
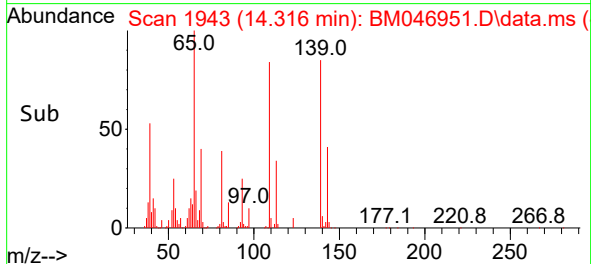
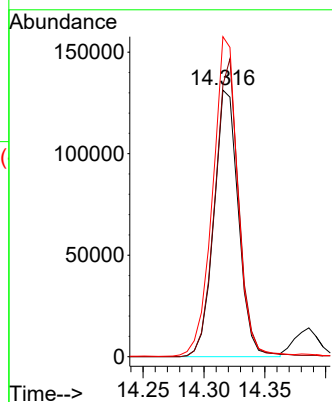
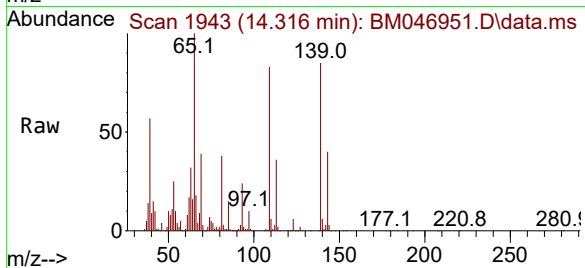




#55
4-Nitrophenol
Concen: 34.977 ng/ul
RT: 14.316 min Scan# 1943
Delta R.T. 0.000 min
Lab File: BM046951.D
Acq: 02 Aug 2024 16:22

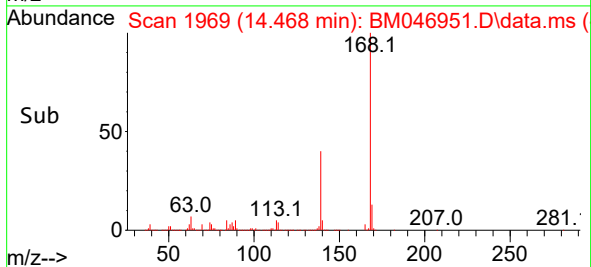
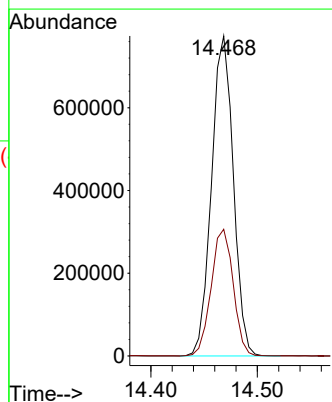
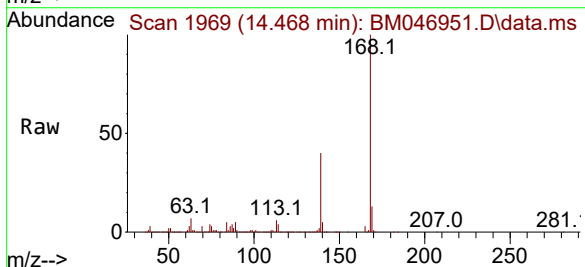
Instrument :
BNA_M
ClientSampleId :

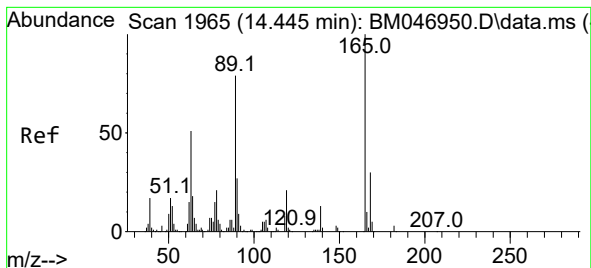
Tgt Ion:109 Resp: 184042
Ion Ratio Lower Upper
109 100
139 101.9 82.3 123.5
65 120.0 92.6 139.0



#56
Dibenzofuran
Concen: 37.404 ng/ul
RT: 14.468 min Scan# 1969
Delta R.T. 0.000 min
Lab File: BM046951.D
Acq: 02 Aug 2024 16:22

Tgt Ion:168 Resp: 1097378
Ion Ratio Lower Upper
168 100
139 39.6 33.0 49.4





#57

2,4-Dinitrotoluene

Concen: 41.933 ng/ul

RT: 14.451 min Scan# 1965

Delta R.T. 0.006 min

Lab File: BM046951.D

Acq: 02 Aug 2024 16:22

Instrument :

BNA_M

ClientSampleId :

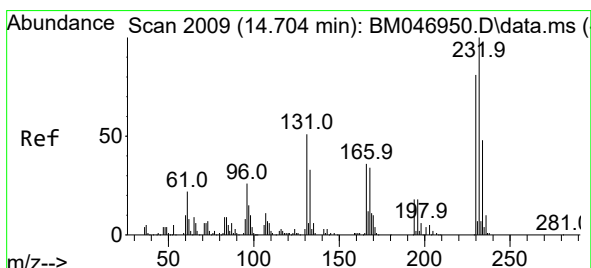
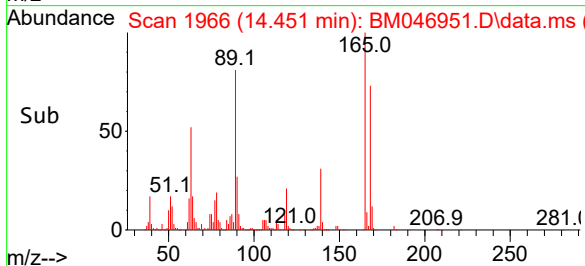
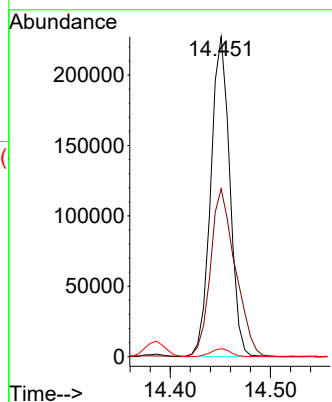
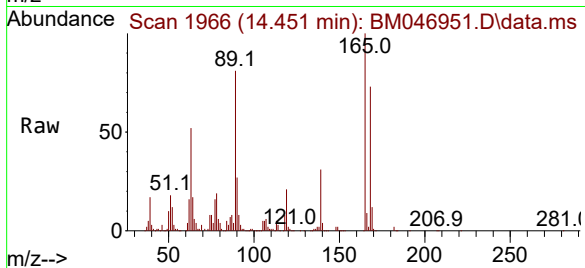
Tgt Ion:165 Resp: 299575

Ion Ratio Lower Upper

165 100

63 52.5 41.4 62.0

182 2.5 2.2 3.2



#58

2,3,4,6-Tetrachlorophenol

Concen: 36.019 ng/ul

RT: 14.704 min Scan# 2009

Delta R.T. 0.000 min

Lab File: BM046951.D

Acq: 02 Aug 2024 16:22

Tgt Ion:232 Resp: 250691

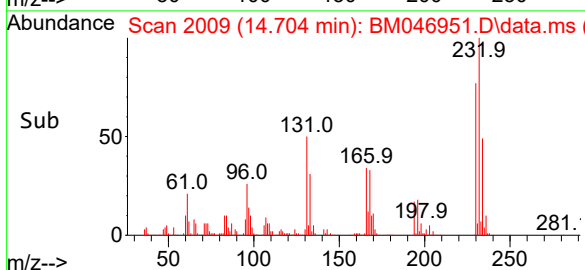
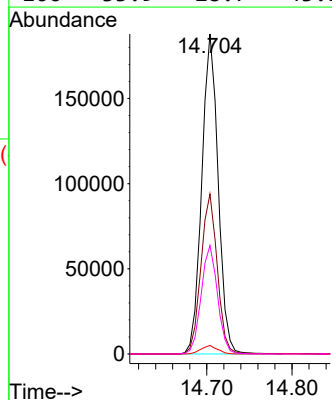
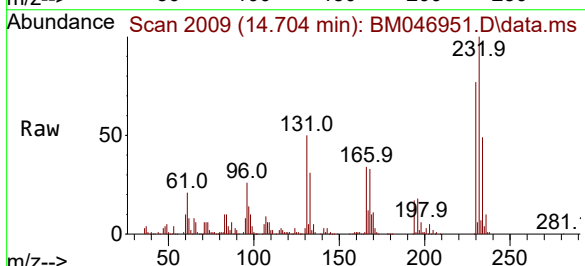
Ion Ratio Lower Upper

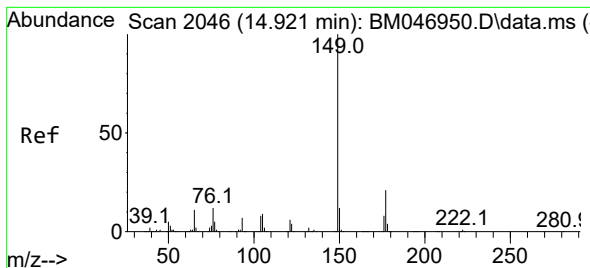
232 100

131 50.0 40.8 61.2

130 2.7 2.6 3.8

166 33.9 28.7 43.1





#59

Diethylphthalate

Concen: 42.248 ng/ul

RT: 14.921 min Scan# 2046

Delta R.T. 0.000 min

Lab File: BM046951.D

Acq: 02 Aug 2024 16:22

Instrument :

BNA_M

ClientSampleId :

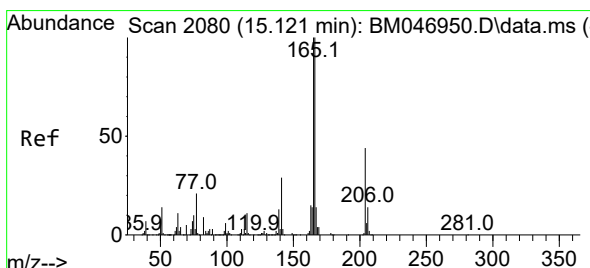
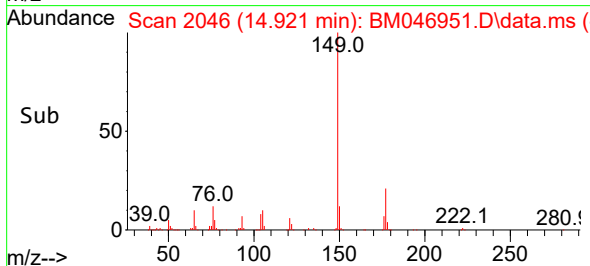
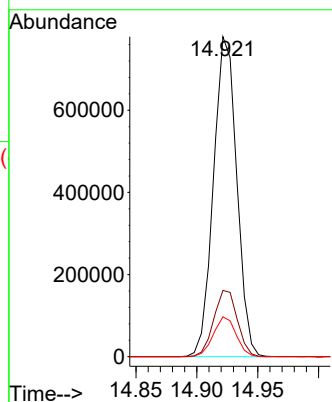
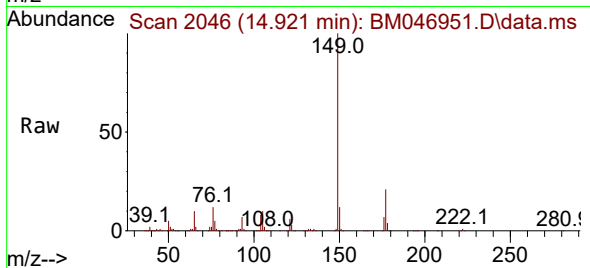
Tgt Ion:149 Resp: 1036353

Ion Ratio Lower Upper

149 100

177 20.7 16.5 24.7

150 12.5 9.7 14.5



#61

Fluorene

Concen: 37.631 ng/ul

RT: 15.121 min Scan# 2080

Delta R.T. 0.000 min

Lab File: BM046951.D

Acq: 02 Aug 2024 16:22

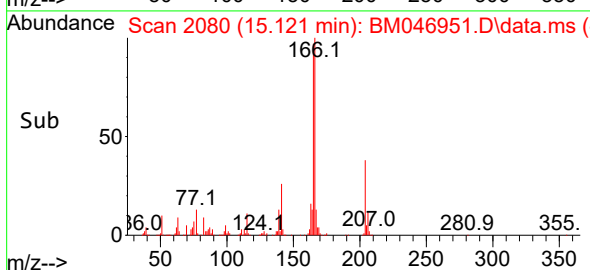
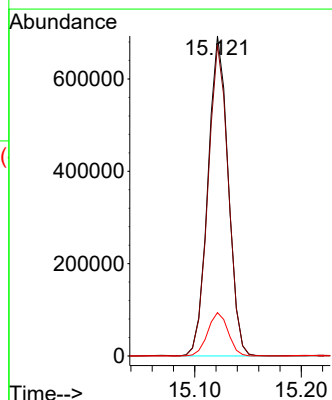
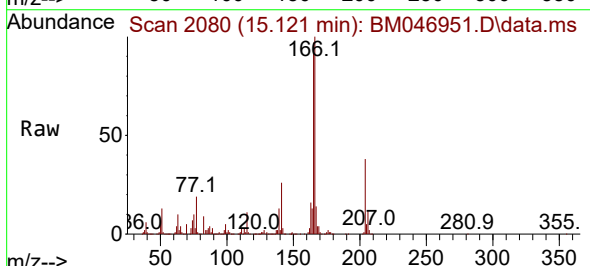
Tgt Ion:166 Resp: 916415

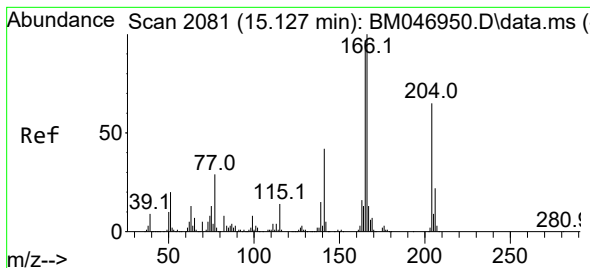
Ion Ratio Lower Upper

166 100

165 97.3 79.5 119.3

167 13.5 11.5 17.3

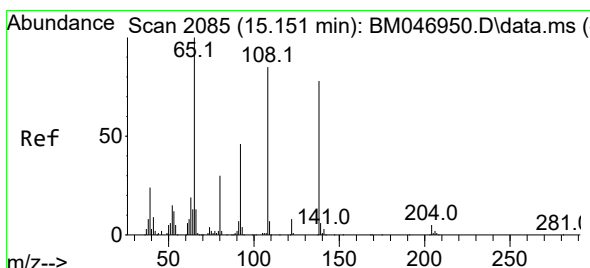
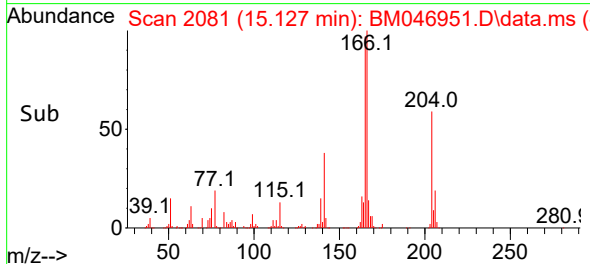
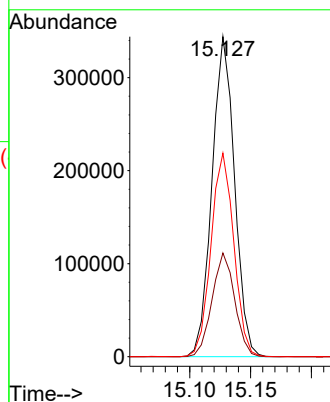
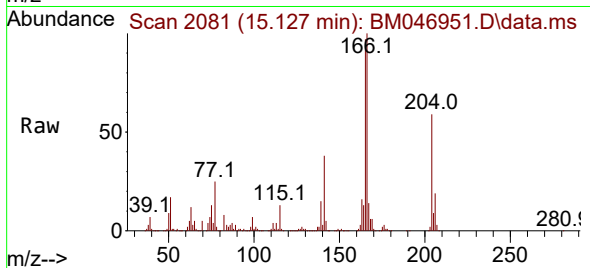




#62
4-Chlorophenyl-phenylether
Concen: 32.616 ng/ul
RT: 15.127 min Scan# 2081
Delta R.T. 0.000 min
Lab File: BM046951.D
Acq: 02 Aug 2024 16:22

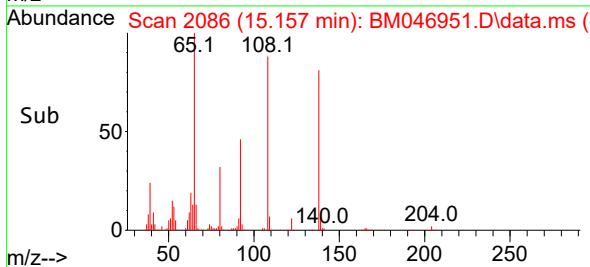
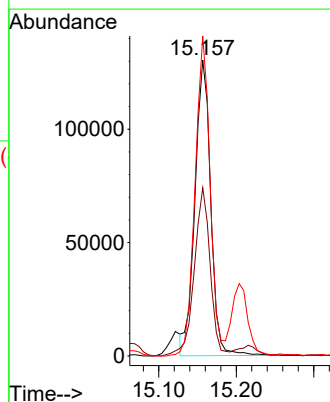
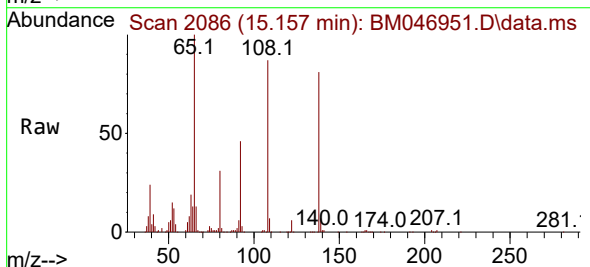
Instrument :
BNA_M
ClientSampleId :

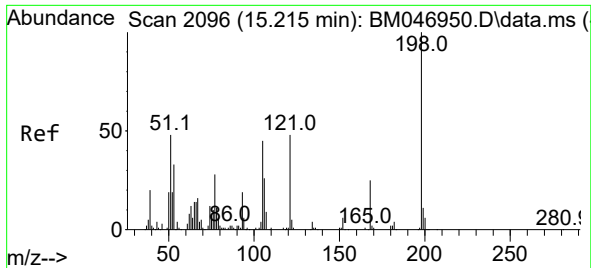
Tgt Ion:204 Resp: 442727
Ion Ratio Lower Upper
204 100
206 32.4 27.0 40.4
141 63.6 52.2 78.4



#63
4-Nitroaniline
Concen: 38.754 ng/ul
RT: 15.157 min Scan# 2086
Delta R.T. 0.006 min
Lab File: BM046951.D
Acq: 02 Aug 2024 16:22

Tgt Ion:138 Resp: 184172
Ion Ratio Lower Upper
138 100
92 56.8 47.7 71.5
108 108.1 87.3 130.9

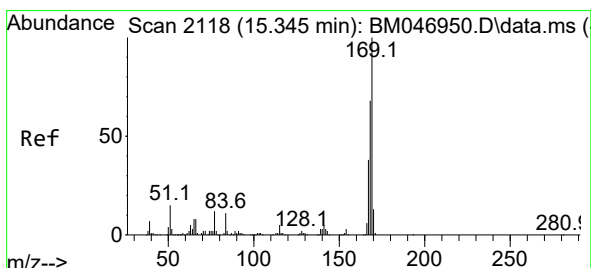
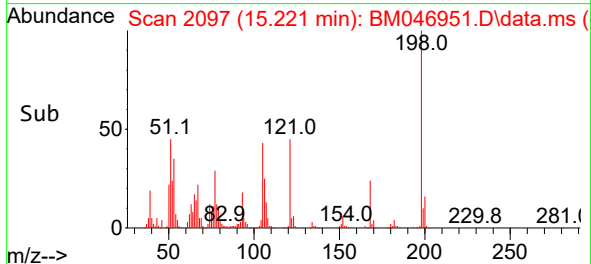
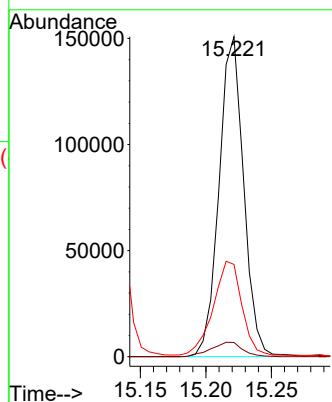
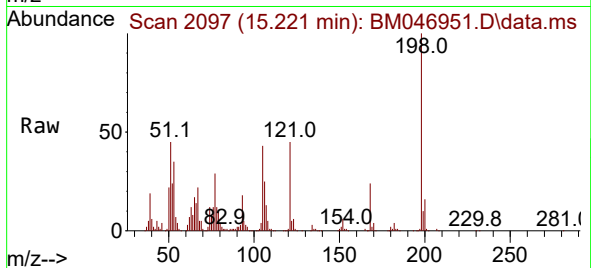




#66
4,6-Dinitro-2-methylphenol
Concen: 40.174 ng/ul
RT: 15.221 min Scan# 2096
Delta R.T. 0.006 min
Lab File: BM046951.D
Acq: 02 Aug 2024 16:22

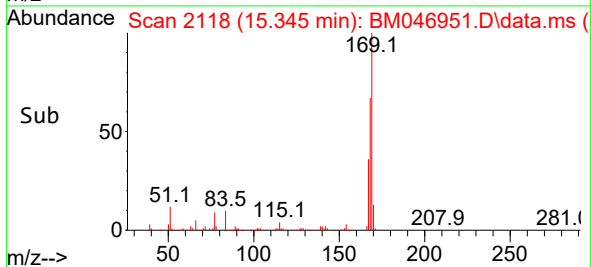
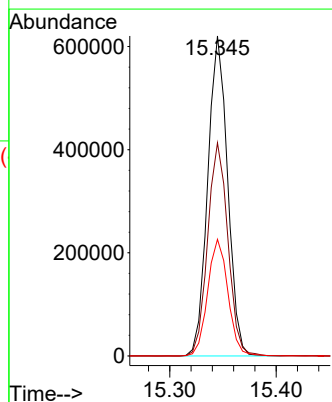
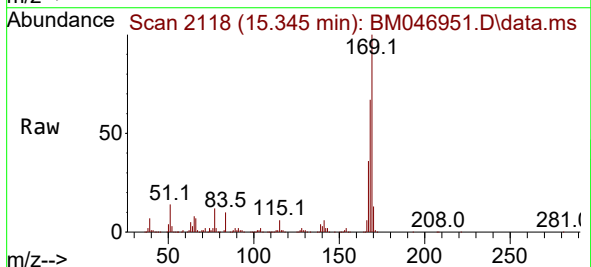
Instrument :
BNA_M
ClientSampleId :

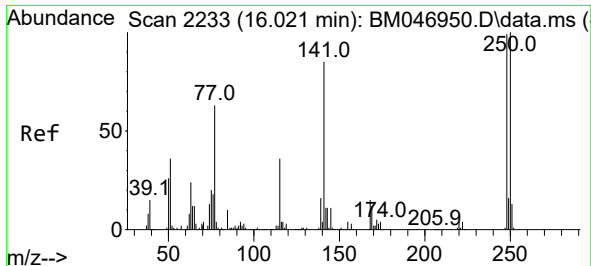
Tgt Ion:198 Resp: 196438
Ion Ratio Lower Upper
198 100
182 4.5 3.6 5.4
77 28.9 24.4 36.6



#67
N-Nitrosodiphenylamine
Concen: 42.251 ng/ul
RT: 15.345 min Scan# 2118
Delta R.T. 0.000 min
Lab File: BM046951.D
Acq: 02 Aug 2024 16:22

Tgt Ion:169 Resp: 803037
Ion Ratio Lower Upper
169 100
168 66.6 54.0 81.0
167 36.4 30.2 45.2

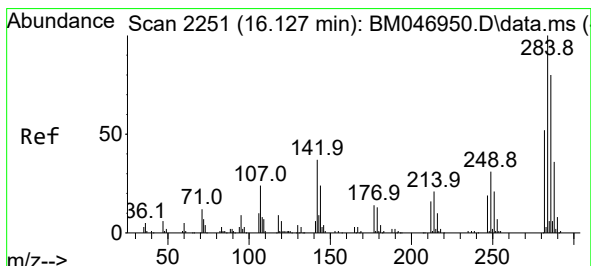
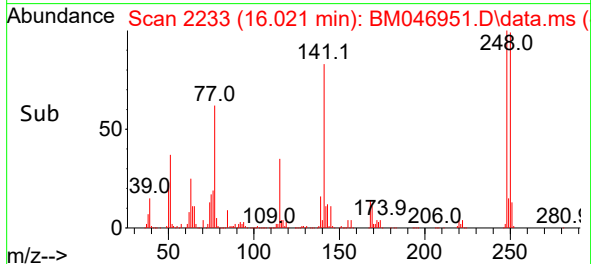
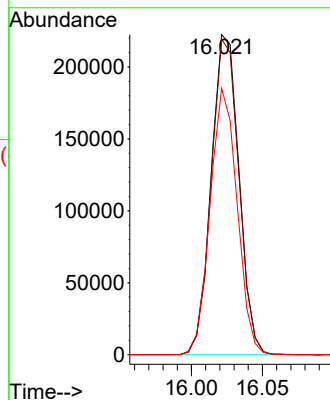
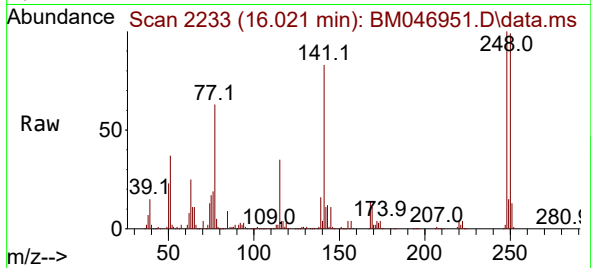




#68
4-Bromophenyl-phenylether
Concen: 37.287 ng/ul
RT: 16.021 min Scan# 2233
Delta R.T. 0.000 min
Lab File: BM046951.D
Acq: 02 Aug 2024 16:22

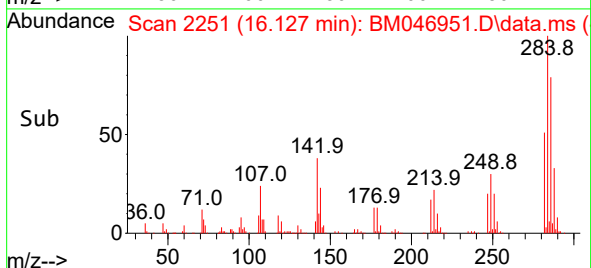
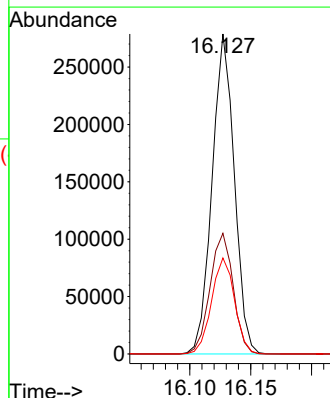
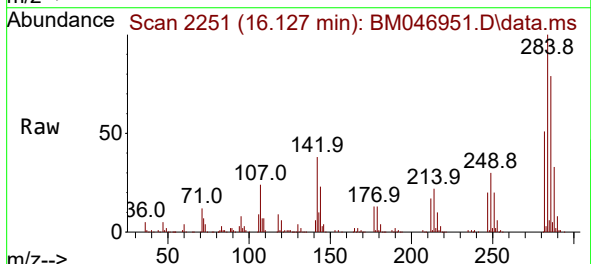
Instrument :
BNA_M
ClientSampleId :

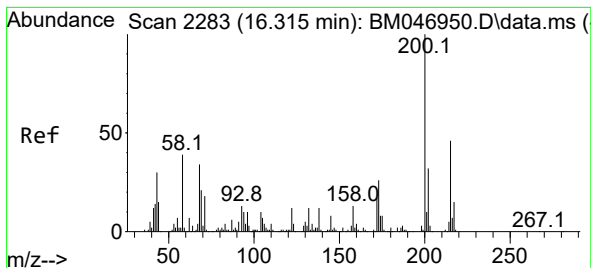
Tgt Ion:248 Resp: 301933
Ion Ratio Lower Upper
248 100
250 98.6 80.7 121.1
141 83.2 68.6 103.0



#69
Hexachlorobenzene
Concen: 36.920 ng/ul
RT: 16.127 min Scan# 2251
Delta R.T. 0.000 min
Lab File: BM046951.D
Acq: 02 Aug 2024 16:22

Tgt Ion:284 Resp: 353166
Ion Ratio Lower Upper
284 100
142 37.7 30.0 45.0
249 30.0 24.6 36.8





#70

Atrazine

Concen: 40.846 ng/ul

RT: 16.321 min Scan# 21

Delta R.T. 0.006 min

Lab File: BM046951.D

Acq: 02 Aug 2024 16:22

Instrument :

BNA_M

ClientSampleId :

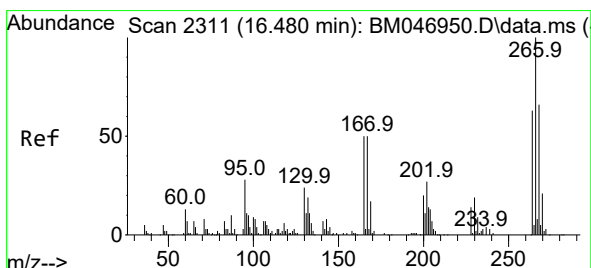
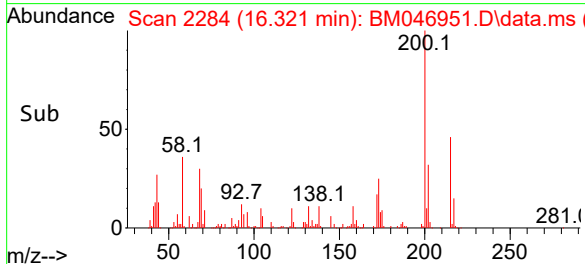
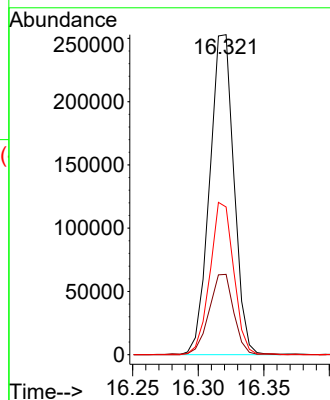
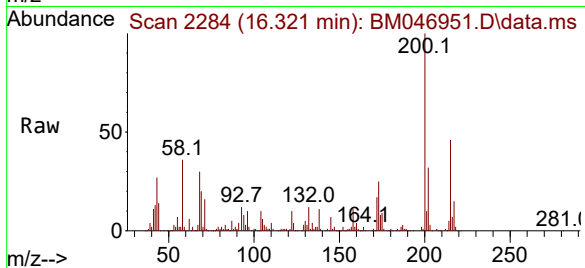
Tgt Ion:200 Resp: 326429

Ion Ratio Lower Upper

200 100

173 25.1 21.4 32.0

215 46.2 36.7 55.1



#71

Pentachlorophenol

Concen: 37.849 ng/ul

RT: 16.480 min Scan# 2311

Delta R.T. 0.000 min

Lab File: BM046951.D

Acq: 02 Aug 2024 16:22

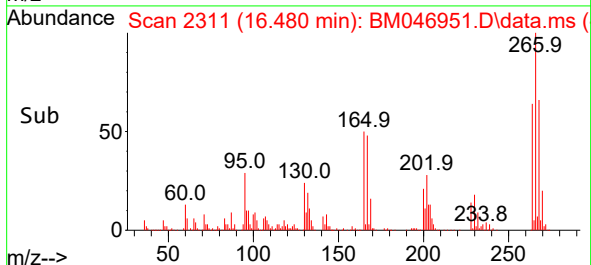
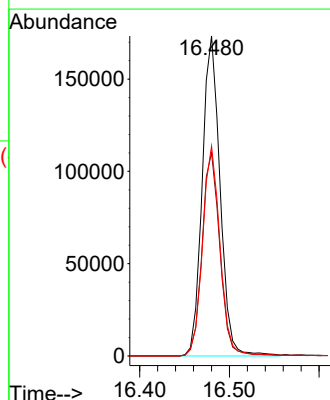
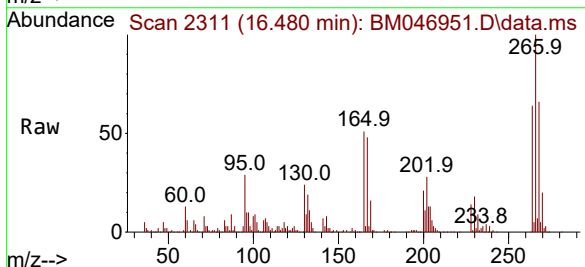
Tgt Ion:266 Resp: 239576

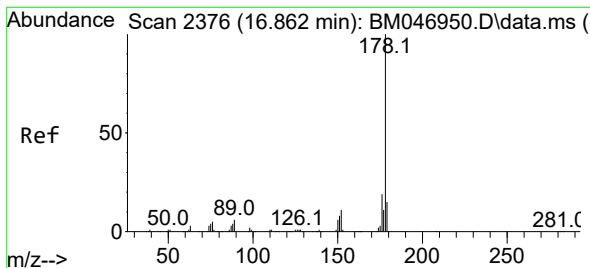
Ion Ratio Lower Upper

266 100

264 63.5 50.7 76.1

268 65.6 53.0 79.6





#72

Phenanthrene

Concen: 40.775 ng/uI

RT: 16.862 min Scan# 2376

Delta R.T. 0.000 min

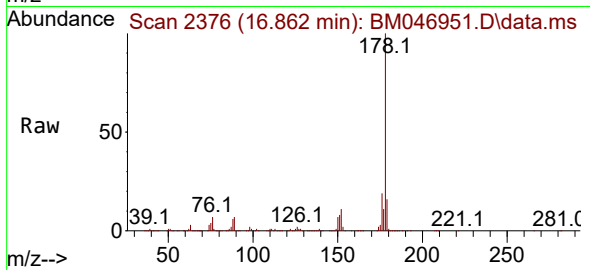
Lab File: BM046951.D

Acq: 02 Aug 2024 16:22

Instrument :

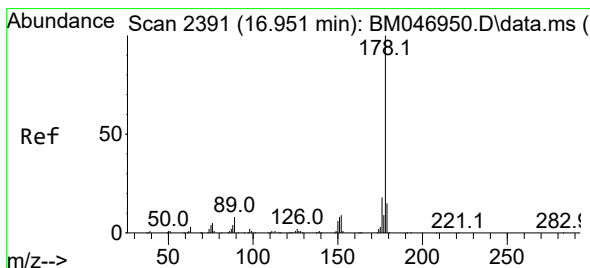
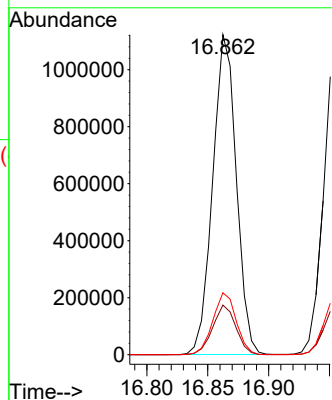
BNA_M

ClientSampleId :



Tgt Ion:178 Resp: 1512749

Ion	Ratio	Lower	Upper
178	100		
179	15.5	12.3	18.5
176	19.4	15.3	22.9



#74

Anthracene

Concen: 39.960 ng/uI

RT: 16.957 min Scan# 2392

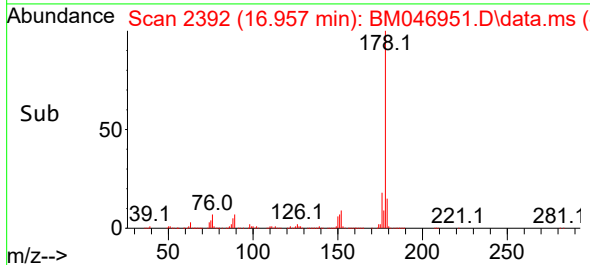
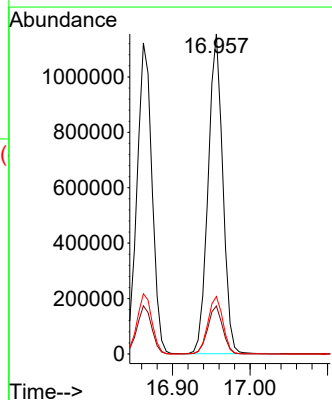
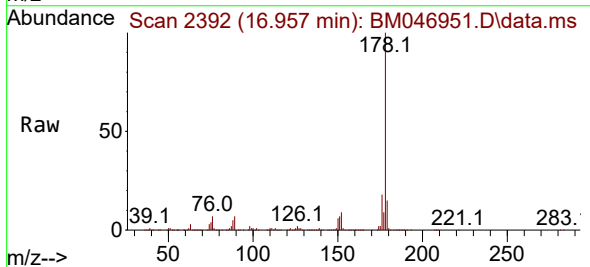
Delta R.T. 0.006 min

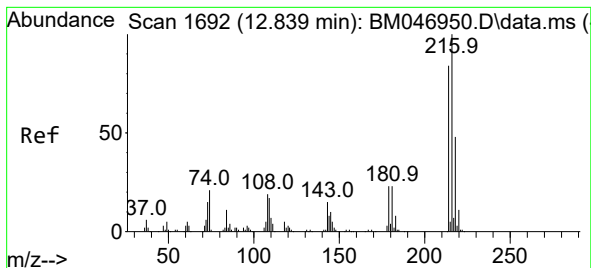
Lab File: BM046951.D

Acq: 02 Aug 2024 16:22

Tgt Ion:178 Resp: 1514221

Ion	Ratio	Lower	Upper
178	100		
179	15.0	12.2	18.2
176	18.0	14.6	22.0





#75

1,2,3,4-Tetrachlorobenzene

Concen: 36.385 ng/uL

RT: 12.839 min Scan# 1

Delta R.T. 0.000 min

Lab File: BM046951.D

Acq: 02 Aug 2024 16:22

Instrument :

BNA_M

ClientSampleId :

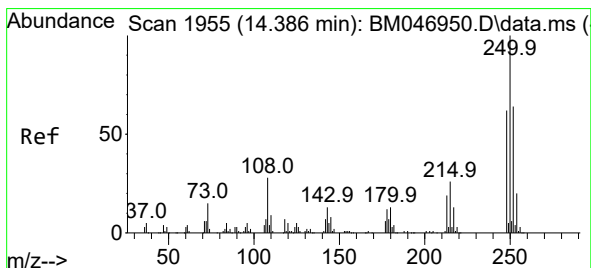
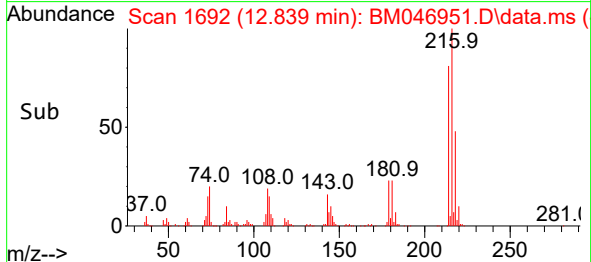
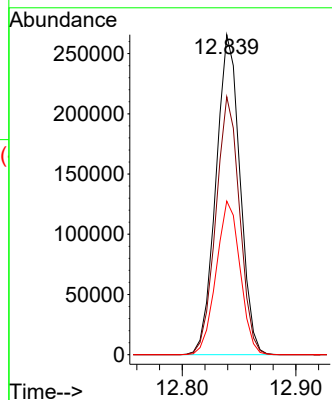
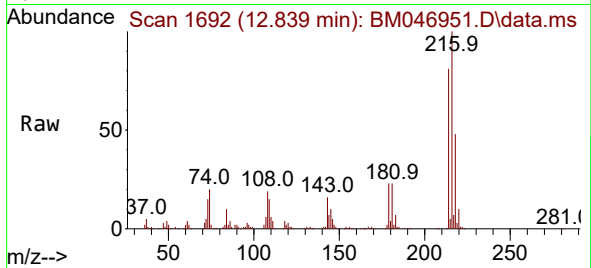
Tgt Ion:216 Resp: 391350

Ion Ratio Lower Upper

216 100

214 80.6 67.0 100.6

218 48.0 38.7 58.1



#76

Pentachlorobenzene

Concen: 36.319 ng/uL

RT: 14.386 min Scan# 1955

Delta R.T. 0.000 min

Lab File: BM046951.D

Acq: 02 Aug 2024 16:22

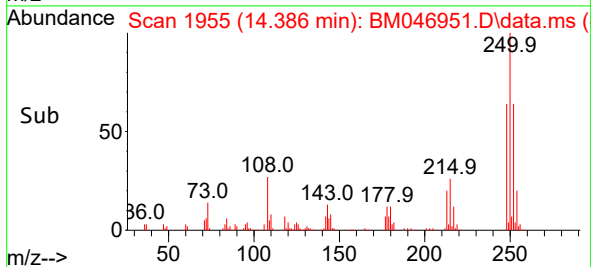
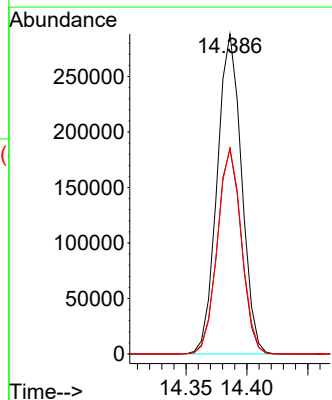
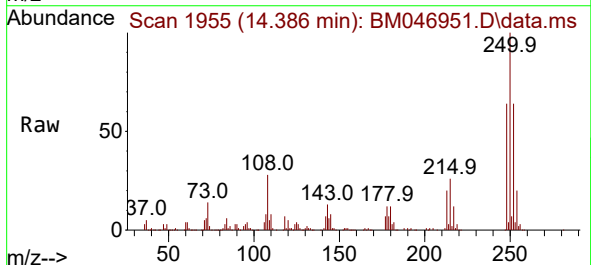
Tgt Ion:250 Resp: 402444

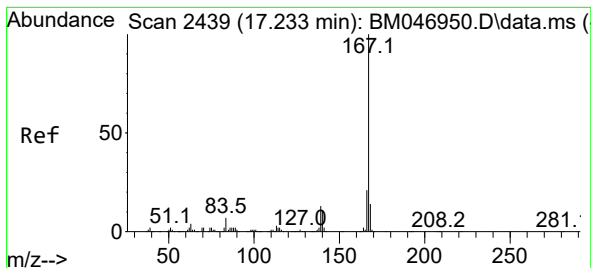
Ion Ratio Lower Upper

250 100

248 64.0 49.6 74.4

252 64.4 51.4 77.0





#77

Carbazole

Concen: 42.376 ng/ul

RT: 17.233 min Scan# 2439

Delta R.T. 0.000 min

Lab File: BM046951.D

Acq: 02 Aug 2024 16:22

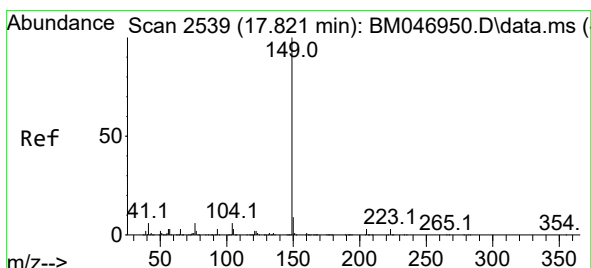
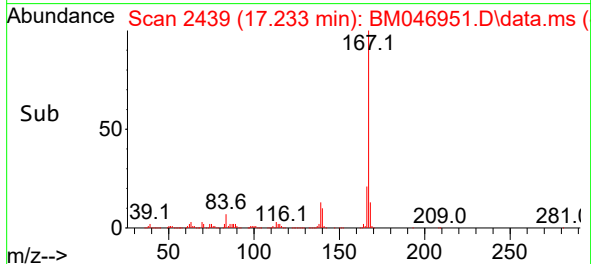
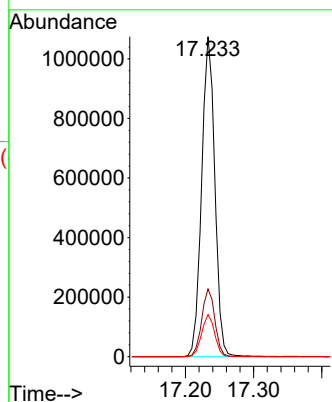
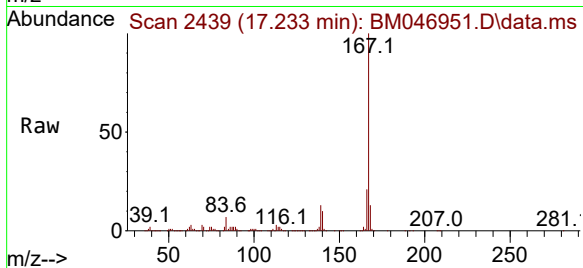
Instrument :

BNA_M

ClientSampleId :

Tgt Ion:167 Resp: 1446923

Ion	Ratio	Lower	Upper
167	100		
166	21.2	17.0	25.4
139	13.2	10.6	16.0



#78

Di-n-butylphthalate

Concen: 47.098 ng/ul

RT: 17.821 min Scan# 2539

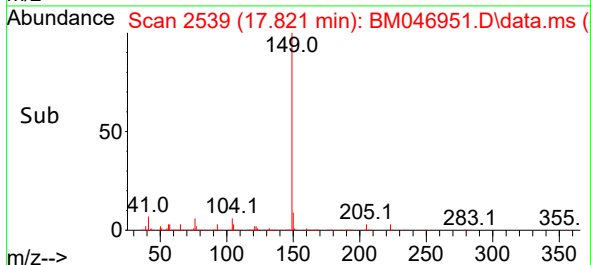
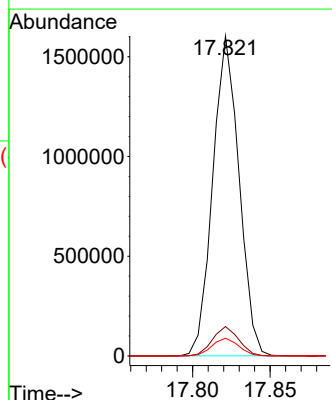
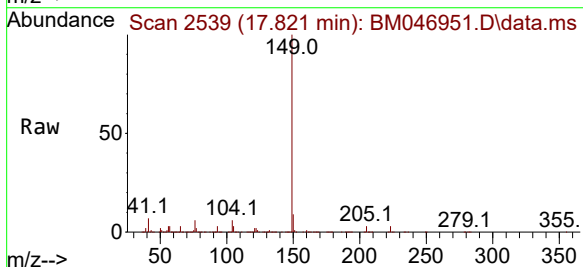
Delta R.T. 0.000 min

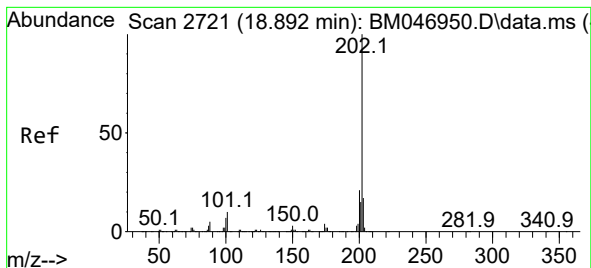
Lab File: BM046951.D

Acq: 02 Aug 2024 16:22

Tgt Ion:149 Resp: 1888473

Ion	Ratio	Lower	Upper
149	100		
150	9.2	7.0	10.6
104	5.6	4.8	7.2





#80

Fluoranthene

Concen: 43.356 ng/ul

RT: 18.898 min Scan# 21

Delta R.T. 0.006 min

Lab File: BM046951.D

Acq: 02 Aug 2024 16:22

Instrument :

BNA_M

ClientSampleId :

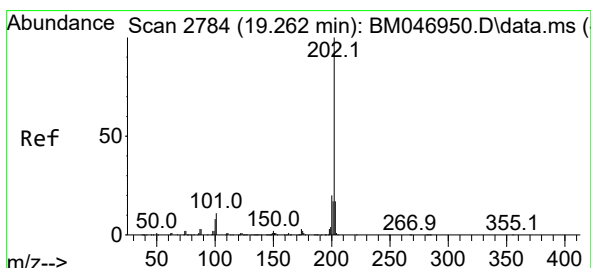
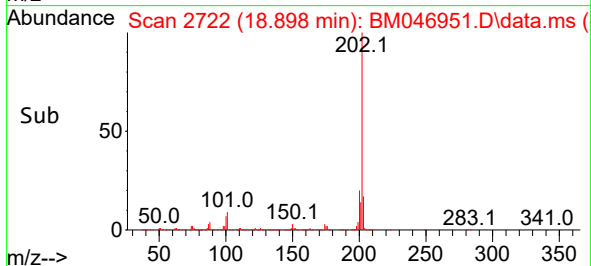
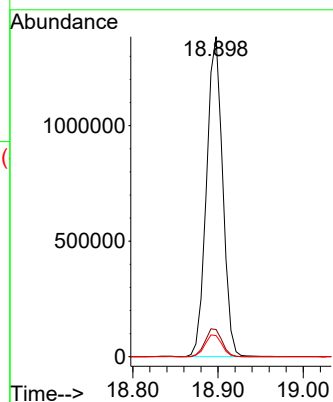
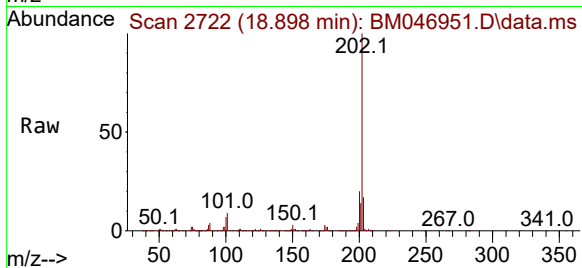
Tgt Ion:202 Resp: 1818625

Ion Ratio Lower Upper

202 100

101 8.5 7.8 11.6

100 6.6 5.9 8.9



#82

Pyrene

Concen: 46.155 ng/ul

RT: 19.262 min Scan# 2784

Delta R.T. 0.000 min

Lab File: BM046951.D

Acq: 02 Aug 2024 16:22

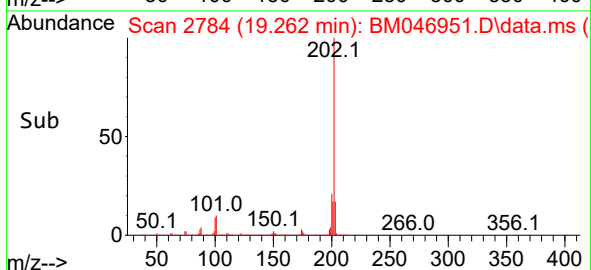
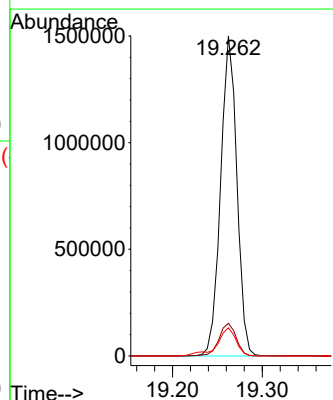
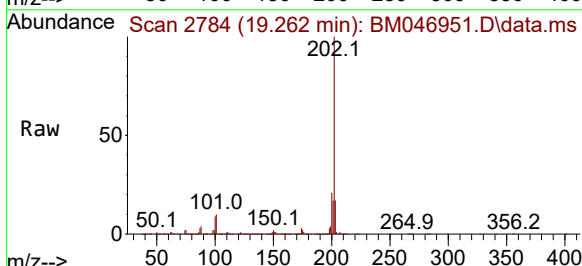
Tgt Ion:202 Resp: 1886576

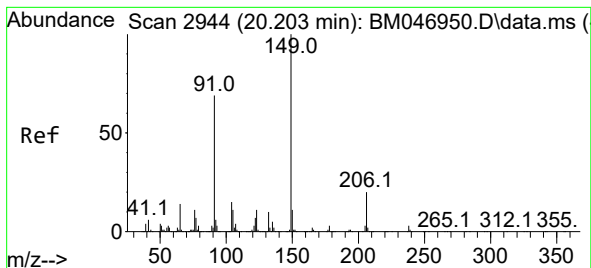
Ion Ratio Lower Upper

202 100

101 10.2 8.7 13.1

100 8.8 6.8 10.2





#83

Butylbenzylphthalate

Concen: 55.224 ng/ul

RT: 20.203 min Scan# 2944

Delta R.T. 0.000 min

Lab File: BM046951.D

Acq: 02 Aug 2024 16:22

Instrument :

BNA_M

ClientSampleId :

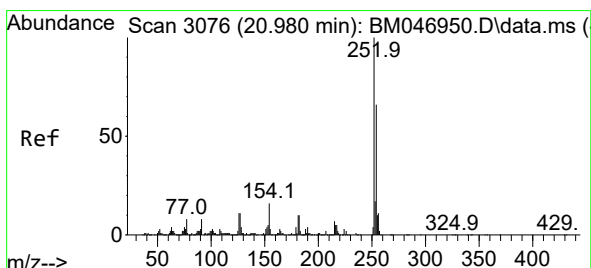
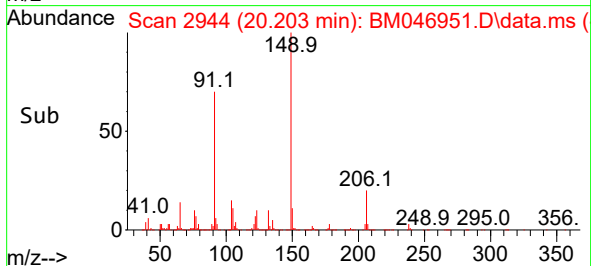
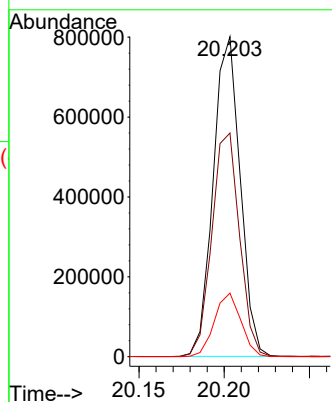
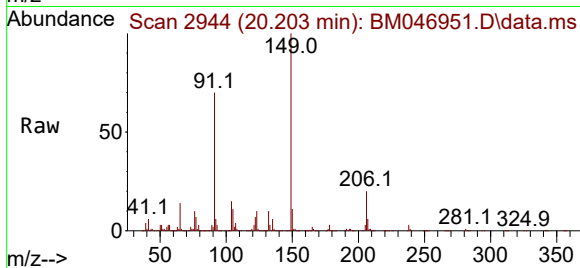
Tgt Ion:149 Resp: 880967

Ion Ratio Lower Upper

149 100

91 69.9 55.3 82.9

206 19.9 16.2 24.4



#84

3,3'-Dichlorobenzidine

Concen: 41.743 ng/ul

RT: 20.980 min Scan# 3076

Delta R.T. 0.000 min

Lab File: BM046951.D

Acq: 02 Aug 2024 16:22

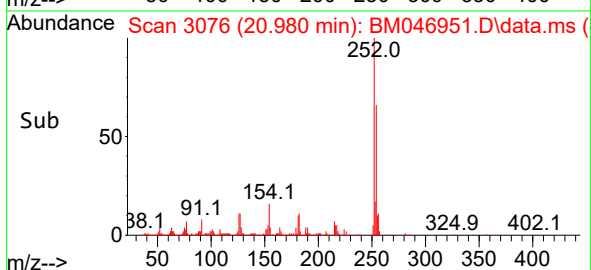
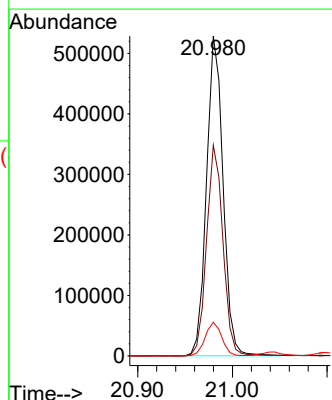
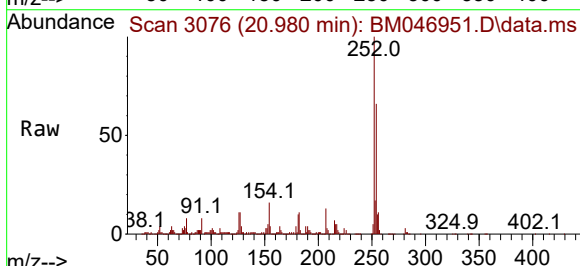
Tgt Ion:252 Resp: 641997

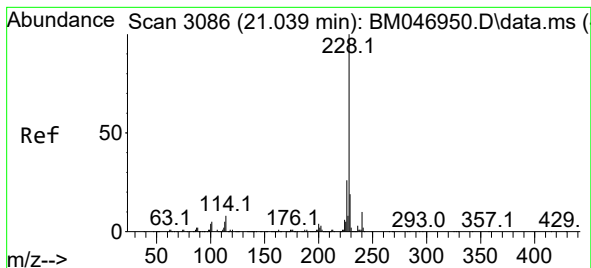
Ion Ratio Lower Upper

252 100

254 65.9 52.6 78.8

126 10.5 8.8 13.2





#85

Benzo(a)anthracene

Concen: 40.803 ng/ul

RT: 21.039 min Scan# 3086

Delta R.T. 0.000 min

Lab File: BM046951.D

Acq: 02 Aug 2024 16:22

Instrument :

BNA_M

ClientSampleId :

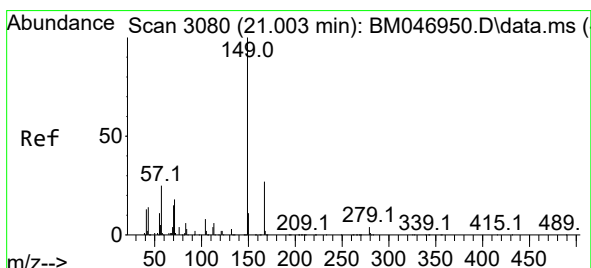
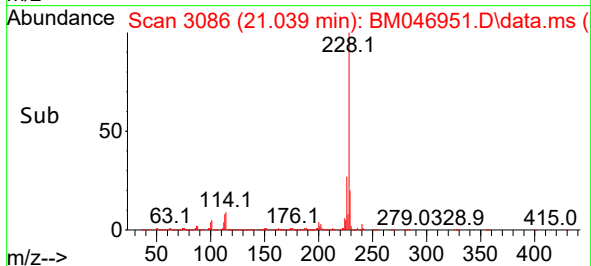
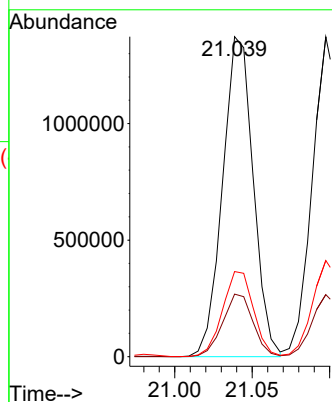
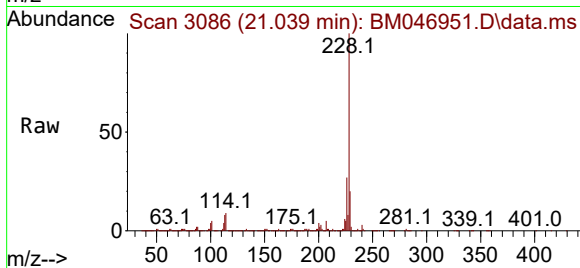
Tgt Ion:228 Resp: 1887653

Ion Ratio Lower Upper

228 100

229 19.6 15.5 23.3

226 26.6 21.2 31.8



#86

Bis(2-ethylhexyl)phthalate

Concen: 49.643 ng/ul

RT: 21.003 min Scan# 3080

Delta R.T. 0.000 min

Lab File: BM046951.D

Acq: 02 Aug 2024 16:22

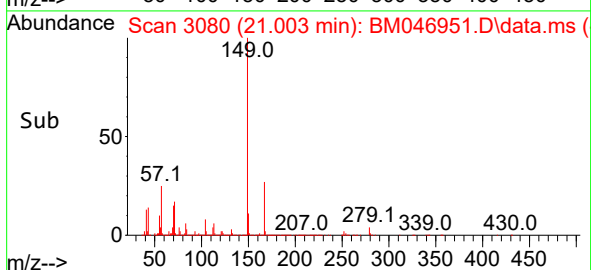
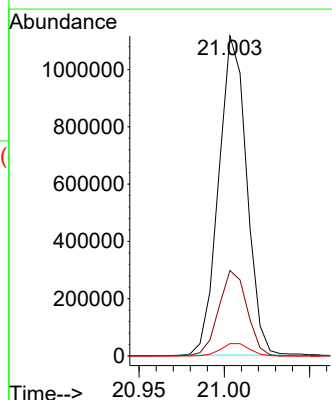
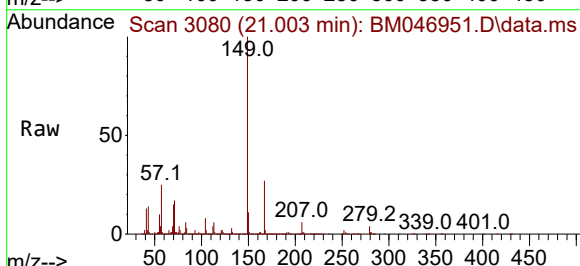
Tgt Ion:149 Resp: 1275214

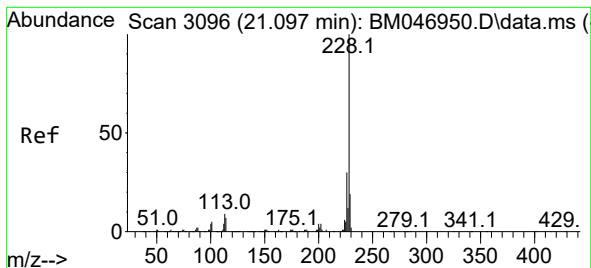
Ion Ratio Lower Upper

149 100

167 26.7 21.3 31.9

279 3.9 3.3 4.9





#87

Chrysene

Concen: 40.327 ng/ul

RT: 21.097 min Scan# 3096

Delta R.T. 0.000 min

Lab File: BM046951.D

Acq: 02 Aug 2024 16:22

Instrument :

BNA_M

ClientSampleId :

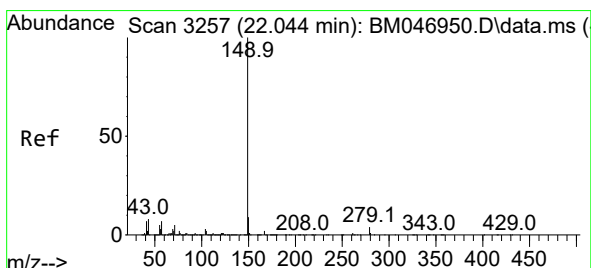
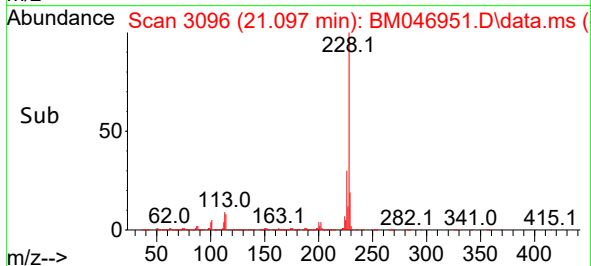
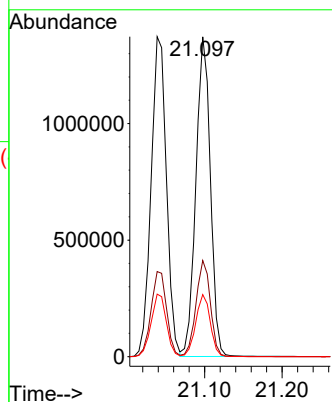
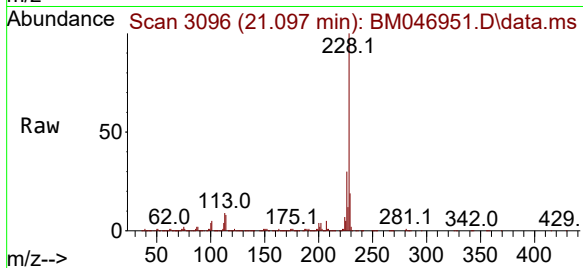
Tgt Ion:228 Resp: 1779900

Ion Ratio Lower Upper

228 100

226 30.0 24.0 36.0

229 19.4 15.5 23.3



#89

Di-n-octyl phthalate

Concen: 46.898 ng/ul

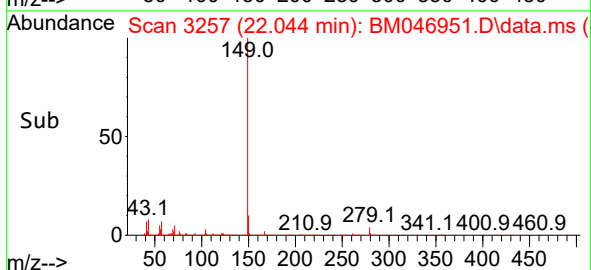
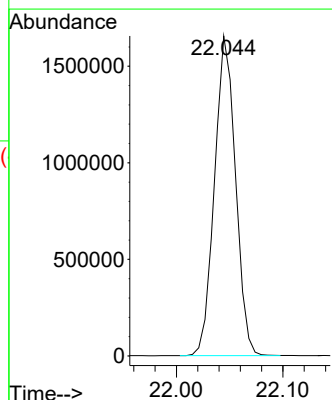
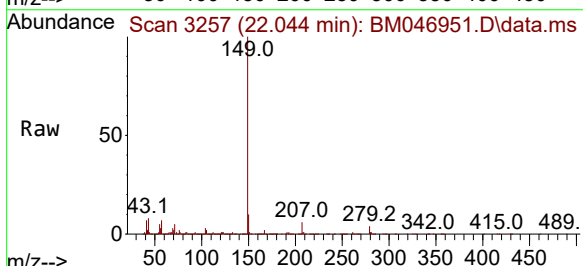
RT: 22.044 min Scan# 3257

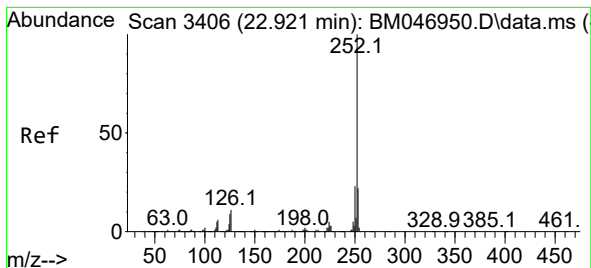
Delta R.T. 0.000 min

Lab File: BM046951.D

Acq: 02 Aug 2024 16:22

Tgt Ion:149 Resp: 2263638





#90

Benzo(b)fluoranthene

Concen: 40.365 ng/ul

RT: 22.927 min Scan# 3406

Delta R.T. 0.006 min

Lab File: BM046951.D

Acq: 02 Aug 2024 16:22

Instrument :

BNA_M

ClientSampleId :

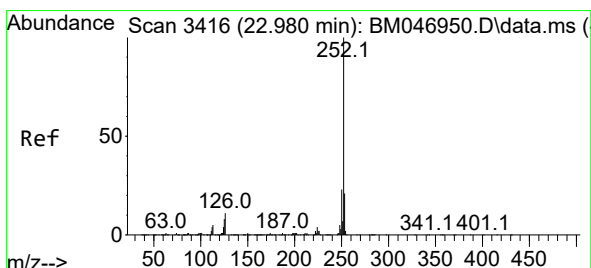
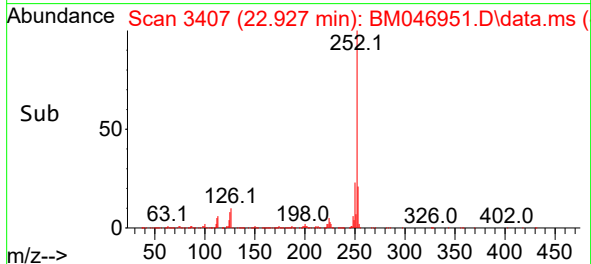
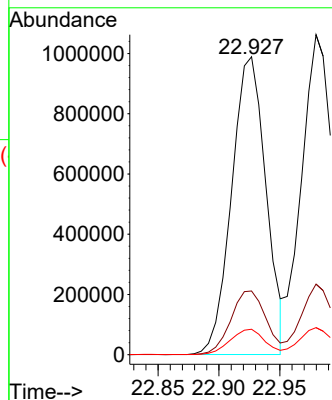
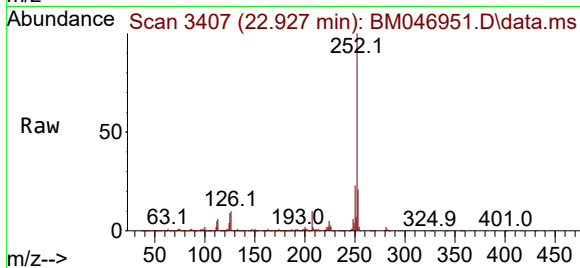
Tgt Ion:252 Resp: 1939566

Ion Ratio Lower Upper

252 100

253 21.4 17.4 26.2

125 8.5 7.0 10.6



#91

Benzo(k)fluoranthene

Concen: 41.244 ng/ul

RT: 22.980 min Scan# 3416

Delta R.T. 0.000 min

Lab File: BM046951.D

Acq: 02 Aug 2024 16:22

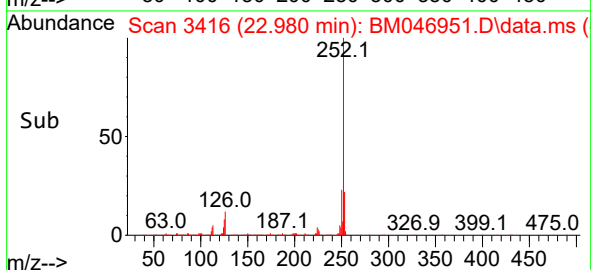
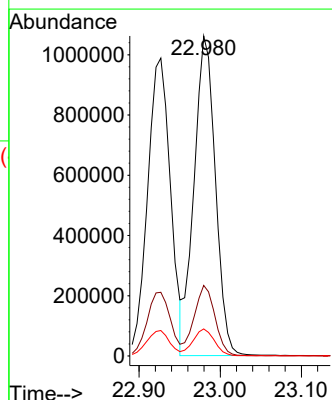
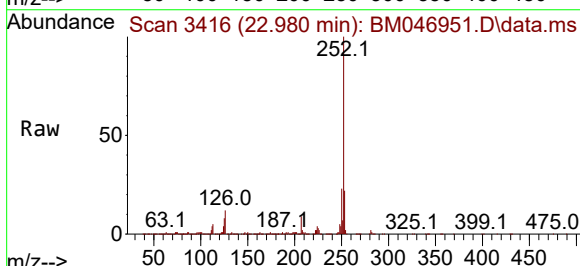
Tgt Ion:252 Resp: 1941977

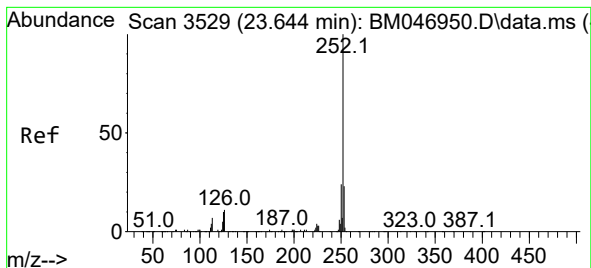
Ion Ratio Lower Upper

252 100

253 22.1 17.0 25.6

125 8.5 6.9 10.3





#93

Benzo(a)pyrene

Concen: 40.425 ng/ul

RT: 23.650 min Scan# 3

Delta R.T. 0.006 min

Lab File: BM046951.D

Acq: 02 Aug 2024 16:22

Instrument :

BNA_M

ClientSampleId :

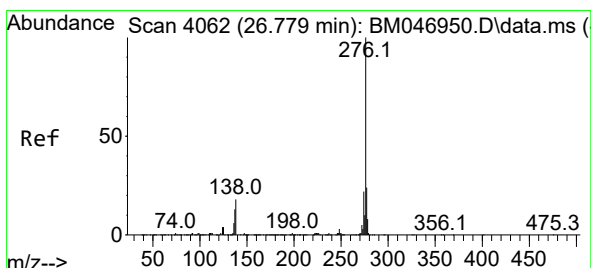
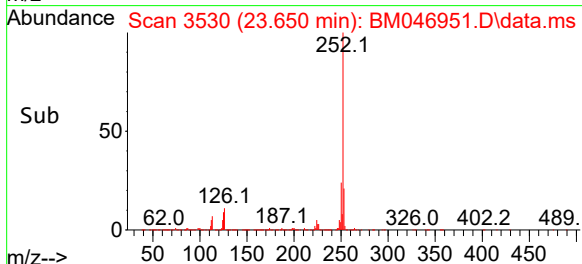
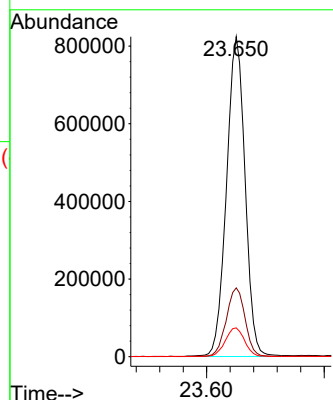
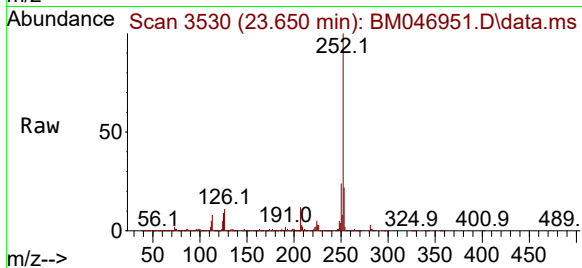
Tgt Ion:252 Resp: 1804491

Ion Ratio Lower Upper

252 100

253 21.5 18.2 27.2

125 9.0 8.1 12.1



#94

Indeno(1,2,3-cd)pyrene

Concen: 40.002 ng/ul

RT: 26.791 min Scan# 4064

Delta R.T. 0.012 min

Lab File: BM046951.D

Acq: 02 Aug 2024 16:22

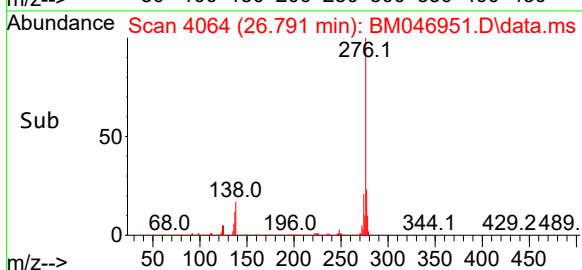
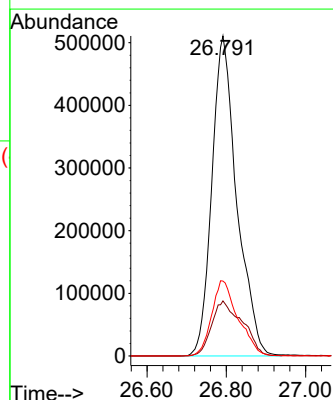
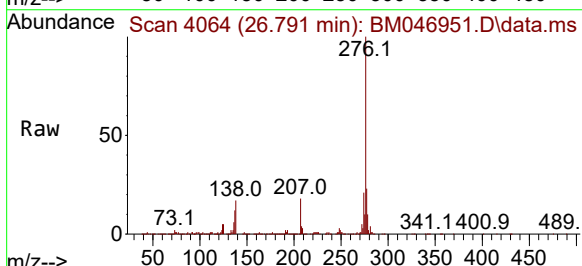
Tgt Ion:276 Resp: 2235811

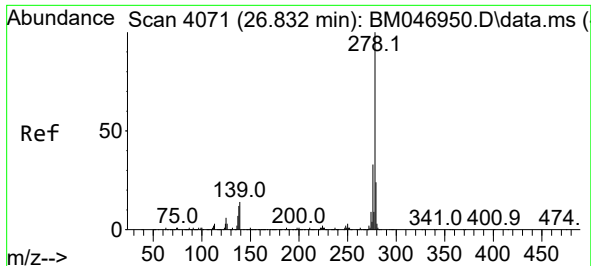
Ion Ratio Lower Upper

276 100

138 17.2 14.7 22.1

277 23.4 19.3 28.9

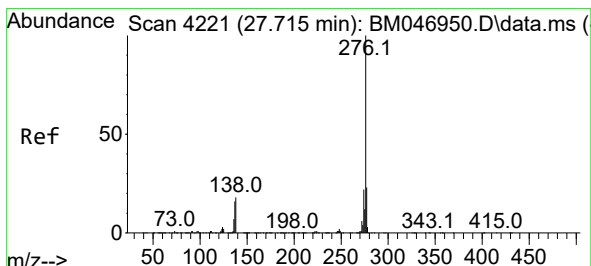
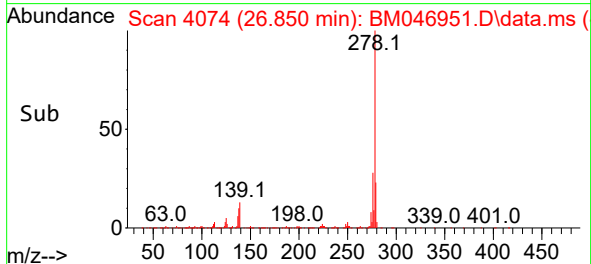
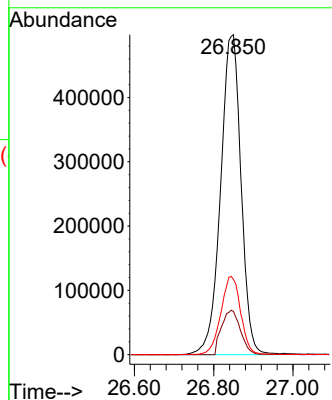
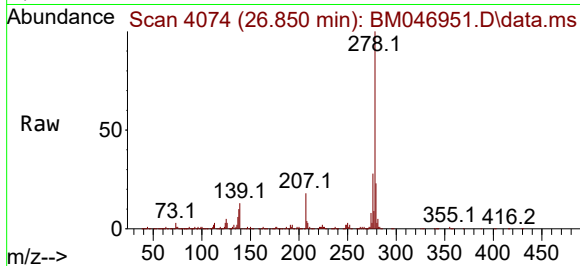




#95
 Dibenzo(a,h)anthracene
 Concen: 39.293 ng/ul
 RT: 26.850 min Scan# 4071
 Delta R.T. 0.018 min
 Lab File: BM046951.D
 Acq: 02 Aug 2024 16:22

Instrument :
 BNA_M
 ClientSampleId :

Tgt Ion:278 Resp: 1780547
 Ion Ratio Lower Upper
 278 100
 139 13.5 11.4 17.0
 279 23.5 19.4 29.0



#96
 Benzo(g,h,i)perylene
 Concen: 36.862 ng/ul
 RT: 27.732 min Scan# 4224
 Delta R.T. 0.018 min
 Lab File: BM046951.D
 Acq: 02 Aug 2024 16:22

Tgt Ion:276 Resp: 1773073
 Ion Ratio Lower Upper
 276 100
 138 18.5 14.7 22.1
 277 23.5 18.6 27.8

