

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122923\
 Data File : BM043670.D
 Acq On : 29 Dec 2023 11:21
 Operator : MA/JU
 Sample : 05920-04MS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 GCF56MS

Quant Time: Dec 29 22:34:39 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM121523.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Dec 29 22:31:57 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.957	152	195499	20.000	ng/u1	0.00
20) Naphthalene-d8	10.769	136	865736	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.592	164	472354	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.339	188	907007	20.000	ng/u1	0.00
79) Chrysene-d12	21.521	240	732725	20.000	ng/u1	0.00
88) Perylene-d12	23.933	264	806846	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.369	96	19305	3.209	ng/uL	0.00
4) Pyridine-d5	3.804	84	76977	4.446	ng/u1	0.02
7) Phenol-d5	7.116	99	204096	9.177	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.298	67	261214	18.546	ng/u1	0.00
11) 2-Chlorophenol-d4	7.487	132	249878	14.716	ng/u1	0.00
15) 4-Methylphenol-d8	8.669	113	248496	14.399	ng/u1	0.00
21) Nitrobenzene-d5	9.134	128	148064	17.677	ng/u1	0.00
24) 2-Nitrophenol-d4	9.851	143	155742	17.995	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.386	165	178066	11.655	ng/u1	0.00
31) 4-Chloroaniline-d4	10.922	131	52592	2.340	ng/u1	0.01
46) Dimethylphthalate-d6	14.016	166	748554	17.604	ng/u1	0.00
49) Acenaphthylene-d8	14.286	160	462793	9.175	ng/u1	0.00
54) 4-Nitrophenol-d4	14.798	143	132720	16.491	ng/u1	0.00
60) Fluorene-d10	15.586	176	636378	18.099	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.710	200	98387	16.402	ng/u1	0.00
73) Anthracene-d10	17.439	188	531946	10.458	ng/u1	0.00
81) Pyrene-d10	19.727	212	104651	1.809	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.774	264	44668	0.897	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.404	88	45785	6.889	ng/uL#	94
5) Pyridine	3.828	79	44955	2.511	ng/u1#	72
6) Benzaldehyde	7.104	77	305946	29.013	ng/u1	98
8) Phenol	7.145	94	318043	14.536	ng/u1	98
10) Bis(2-Chloroethyl)ether	7.392	93	364558	20.524	ng/u1	99
12) 2-Chlorophenol	7.516	128	277170	16.024	ng/u1	98
13) 2-Methylphenol	8.404	108	258304	15.548	ng/u1	97
14) 2,2'-oxybis(1-Chloropr...	8.487	45	637210	21.363	ng/u1	97
16) Acetophenone	8.792	105	1025345	38.807	ng/u1	97
17) N-Nitroso-di-n-propyla...	8.775	70	295624	18.746	ng/u1	94
18) 4-Methylphenol	8.734	108	299527	16.635	ng/u1	98
19) Hexachloroethane	9.034	117	11380	1.560	ng/u1	88
22) Nitrobenzene	9.175	77	425157	20.510	ng/u1	98
23) Isophorone	9.698	82	783830	18.641	ng/u1	99
25) 2-Nitrophenol	9.881	139	185337	20.150	ng/u1	97
26) 2,4-Dimethylphenol	9.939	107	123738	7.552	ng/u1	99
27) Bis(2-Chloroethoxy)met...	10.186	93	480591	19.356	ng/u1	100
29) 2,4-Dichlorophenol	10.410	162	181935	12.271	ng/u1	97
30) Naphthalene	10.816	128	677501	12.279	ng/u1	99
32) 4-Chloroaniline	10.945	127	62223	2.879	ng/u1	98
33) Hexachlorobutadiene	11.086	225	114213	15.109	ng/u1	95
34) Caprolactam	11.722	113	98481	20.785	ng/u1	88
35) 4-Chloro-3-methylphenol	12.051	107	91347	5.245	ng/u1	99
36) 2-Methylnaphthalene	12.422	142	641455	17.079	ng/u1	99

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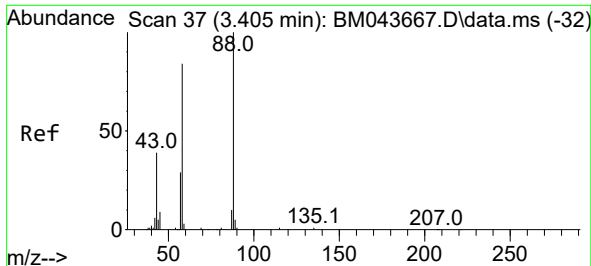
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.639	142	579243	15.290	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.786	216	68541	4.762	ng/ul	99
40) Hexachlorocyclopentadiene	12.757	237	126842	14.046	ng/ul	97
41) 2,4,6-Trichlorophenol	13.027	196	169240	16.543	ng/ul	97
42) 2,4,5-Trichlorophenol	13.098	196	100256	9.230	ng/ul	98
43) 1,1'-Biphenyl	13.433	154	881939	19.587	ng/ul	99
44) 2-Chloronaphthalene	13.474	162	337392	9.773	ng/ul	99
45) 2-Nitroaniline	13.686	65	243501	21.035	ng/ul	97
47) Dimethylphthalate	14.063	163	838710	19.973	ng/ul	100
48) 2,6-Dinitrotoluene	14.186	165	162466	20.011	ng/ul	94
50) Acenaphthylene	14.316	152	520327	8.983	ng/ul	98
51) 3-Nitroaniline	14.516	138	58015	6.225	ng/ul#	96
52) Acenaphthene	14.657	153	445189	11.661	ng/ul	98
53) 2,4-Dinitrophenol	14.716	184	78201	18.094	ng/ul	86
55) 4-Nitrophenol	14.810	109	133057	21.292	ng/ul	93
56) Dibenzofuran	14.992	168	855680	17.355	ng/ul	99
57) 2,4-Dinitrotoluene	14.968	165	237421	20.699	ng/ul	93
58) 2,3,4,6-Tetrachlorophenol	15.215	232	166179	19.968	ng/ul#	96
59) Diethylphthalate	15.421	149	917021	21.309	ng/ul	98
61) Fluorene	15.639	166	840764	19.960	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.639	204	353576	19.083	ng/ul	95
63) 4-Nitroaniline	15.674	138	87280	10.231	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.721	198	119826	18.710	ng/ul#	88
67) N-Nitrosodiphenylamine	15.857	169	673797	19.341	ng/ul	100
68) 4-Bromophenyl-phenylether	16.533	248	202319	18.828	ng/ul	93
69) Hexachlorobenzene	16.633	284	18471	1.500	ng/ul#	91
70) Atrazine	16.815	200	208270	27.274	ng/ul	96
71) Pentachlorophenol	16.992	266	2652625	356.417	ng/ul	99
72) Phenanthrene	17.386	178	702700	11.431	ng/ul	99
74) Anthracene	17.474	178	685164	11.044	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.392	216	50466	3.388	ng/uL	97
76) Pentachlorobenzene	14.904	250	38132	2.629	ng/uL	95
77) Carbazole	17.751	167	171586	3.241	ng/ul#	95
78) Di-n-butylphthalate	18.321	149	1736444	25.085	ng/ul	100
80) Fluoranthene	19.398	202	692638	9.669	ng/ul	99
82) Pyrene	19.756	202	124955	1.697	ng/ul#	91
83) Butylbenzylphthalate	20.668	149	804710	25.273	ng/ul	97
85) Benzo(a)anthracene	21.509	228	735226	12.000	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.445	149	1207290	26.633	ng/ul	98
87) Chrysene	21.562	228	514729	9.338	ng/ul	99
89) Di-n-octyl phthalate	22.386	149	2044185	26.485	ng/ul	100
90) Benzo(b)fluoranthene	23.197	252	484664	7.839	ng/ul	97
91) Benzo(k)fluoranthene	23.244	252	582932	9.666	ng/ul#	97
94) Indeno(1,2,3-cd)pyrene	26.474	276	244507	3.630	ng/ul#	65
95) Dibenzo(a,h)anthracene	26.479	278	738806	13.246	ng/ul	97

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

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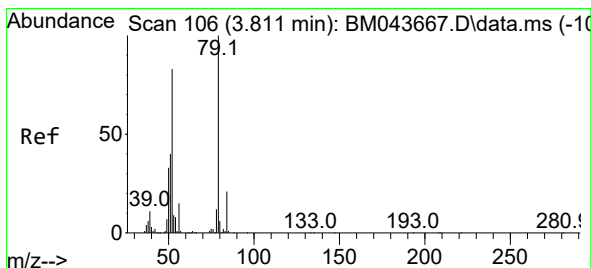
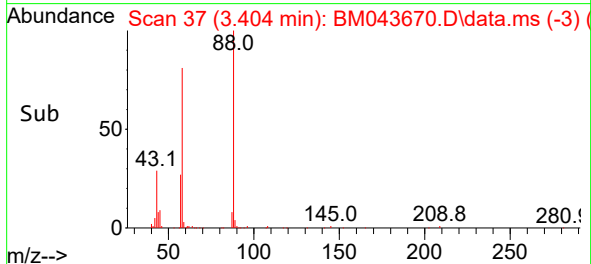
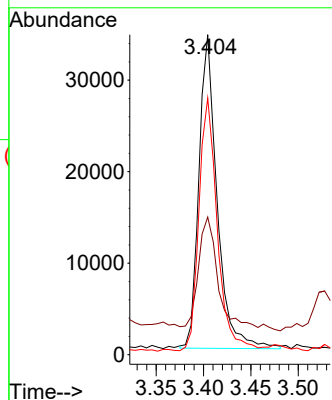
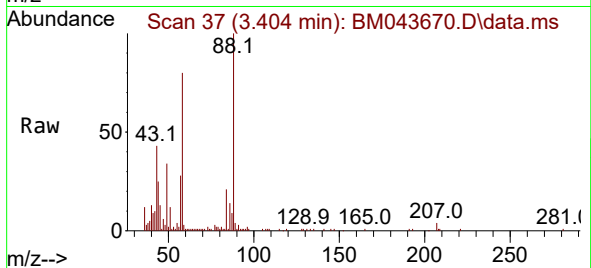




#2
1,4-Dioxane
Concen: 6.889 ng/uL
RT: 3.404 min Scan# 31
Delta R.T. -0.000 min
Lab File: BM043670.D
Acq: 29 Dec 2023 11:21

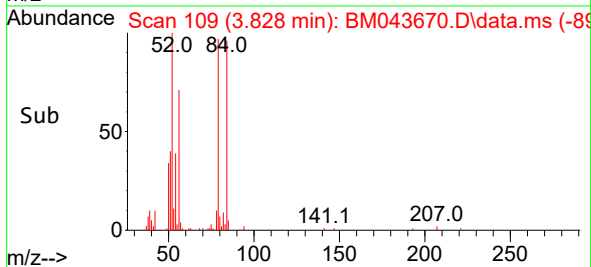
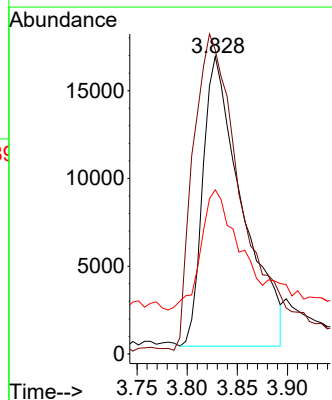
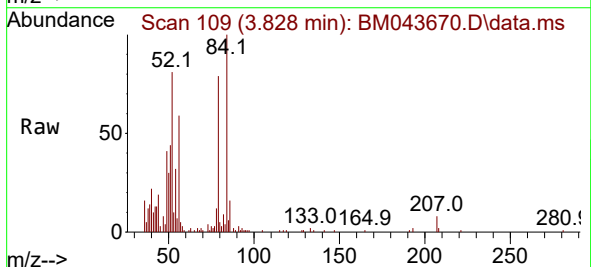
Instrument :
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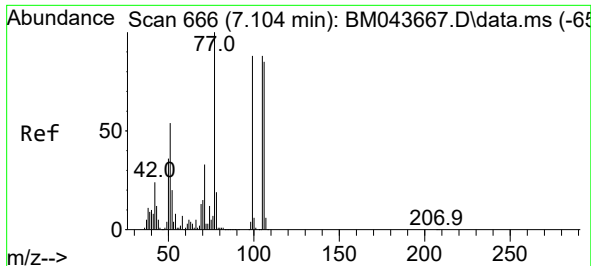
Tgt Ion: 88 Resp: 45785
Ion Ratio Lower Upper
88 100
43 43.0 26.3 39.5#
58 80.2 63.1 94.7



#5
Pyridine
Concen: 2.511 ng/uL
RT: 3.828 min Scan# 109
Delta R.T. 0.017 min
Lab File: BM043670.D
Acq: 29 Dec 2023 11:21

Tgt Ion: 79 Resp: 44955
Ion Ratio Lower Upper
79 100
52 102.2 62.4 93.6#
51 55.2 30.6 45.8#

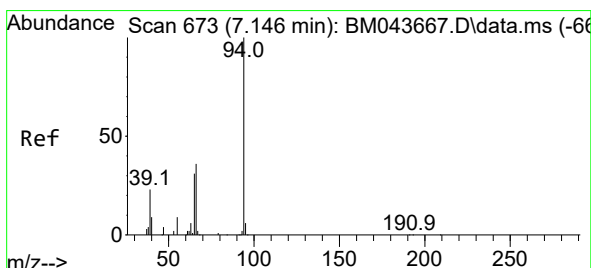
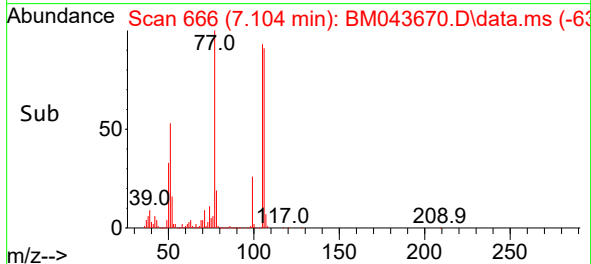
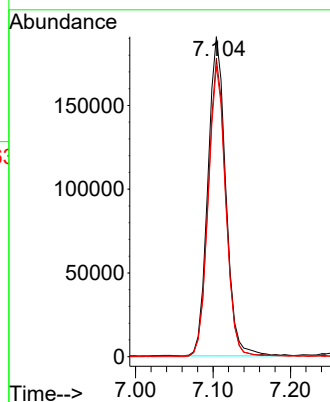
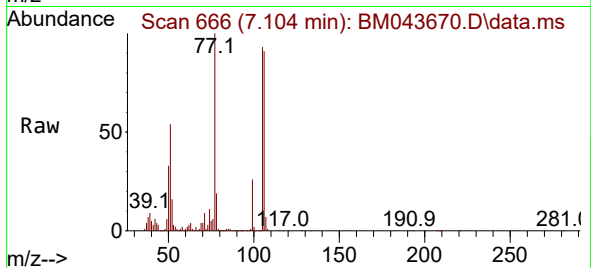




#6
Benzaldehyde
Concen: 29.013 ng/ul
RT: 7.104 min Scan# 666
Delta R.T. -0.000 min
Lab File: BM043670.D
Acq: 29 Dec 2023 11:21

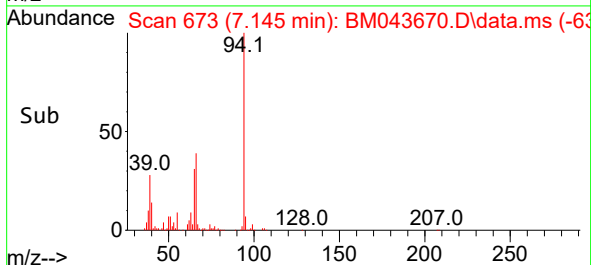
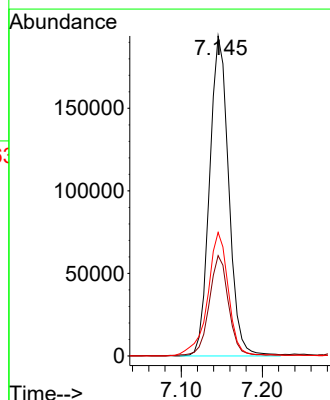
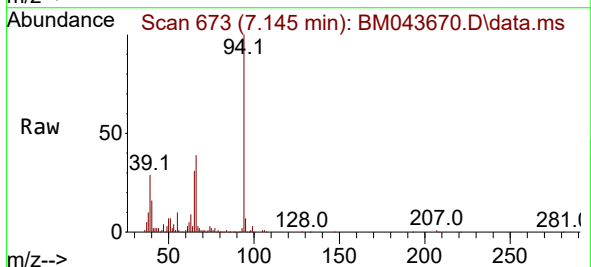
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BNA_P
ClientSampleId :
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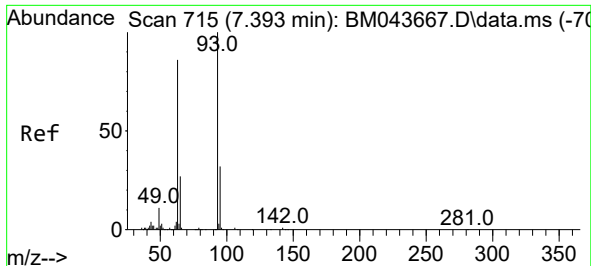
Tgt Ion: 77 Resp: 305946
Ion Ratio Lower Upper
77 100
105 93.2 73.4 110.0
106 90.9 71.4 107.0



#8
Phenol
Concen: 14.536 ng/ul
RT: 7.145 min Scan# 673
Delta R.T. -0.000 min
Lab File: BM043670.D
Acq: 29 Dec 2023 11:21

Tgt Ion: 94 Resp: 318043
Ion Ratio Lower Upper
94 100
65 31.3 23.7 35.5
66 38.6 30.2 45.4

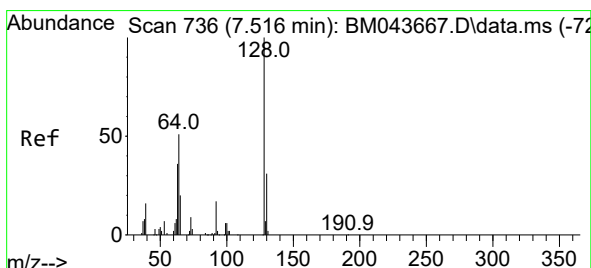
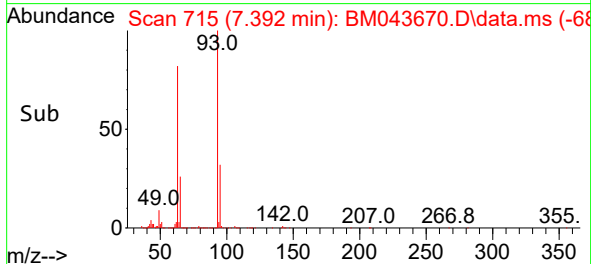
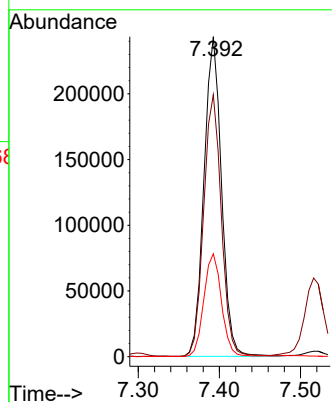
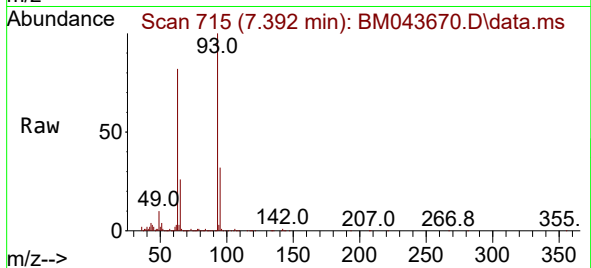




#10
Bis(2-Chloroethyl)ether
Concen: 20.524 ng/ul
RT: 7.392 min Scan# 715
Delta R.T. -0.000 min
Lab File: BM043670.D
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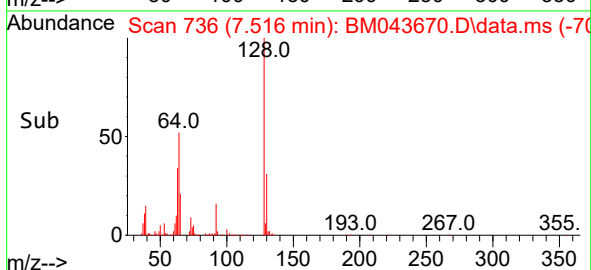
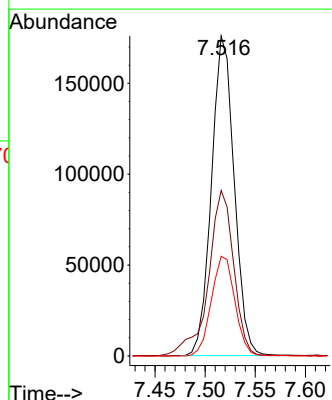
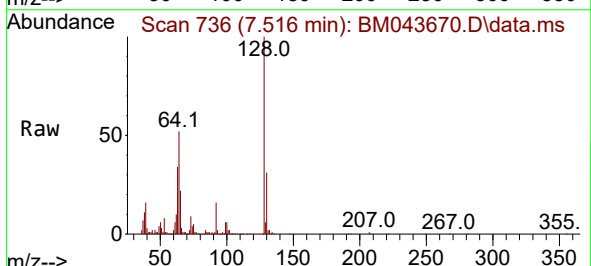
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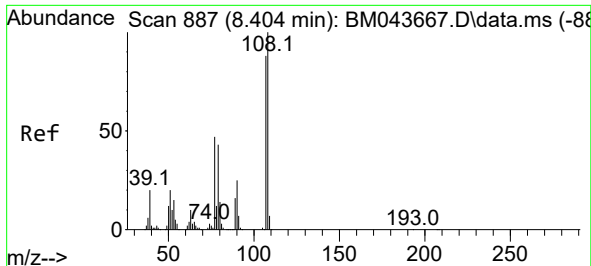
Tgt Ion: 93 Resp: 364558
Ion Ratio Lower Upper
93 100
63 81.9 65.8 98.8
95 32.1 26.2 39.2



#12
2-Chlorophenol
Concen: 16.024 ng/ul
RT: 7.516 min Scan# 736
Delta R.T. -0.000 min
Lab File: BM043670.D
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Tgt Ion:128 Resp: 277170
Ion Ratio Lower Upper
128 100
64 51.7 40.5 60.7
130 31.1 25.6 38.4

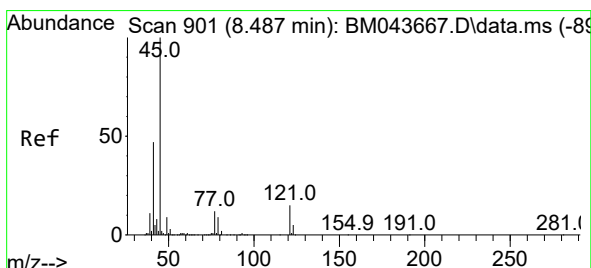
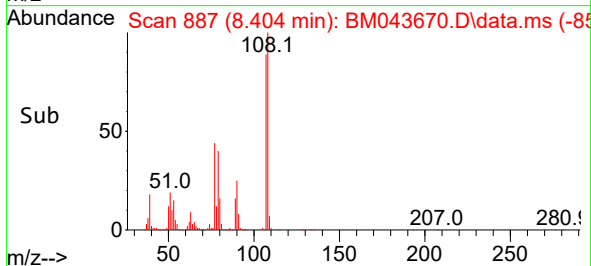
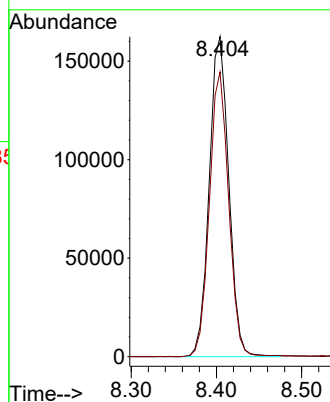
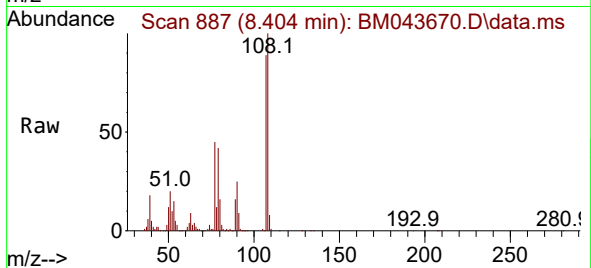




#13
2-Methylphenol
Concen: 15.548 ng/ul
RT: 8.404 min Scan# 887
Delta R.T. -0.000 min
Lab File: BM043670.D
Acq: 29 Dec 2023 11:21

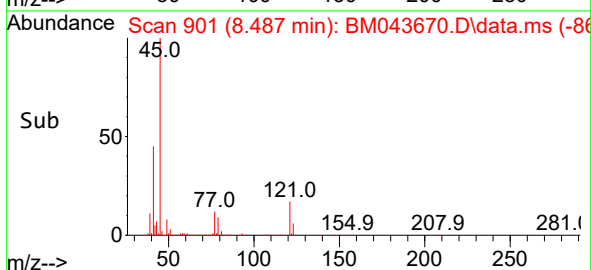
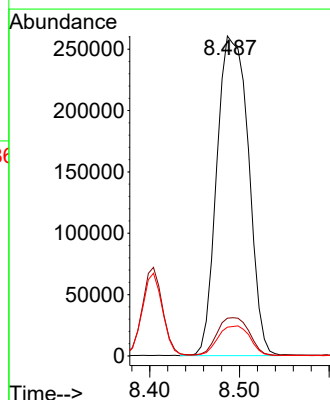
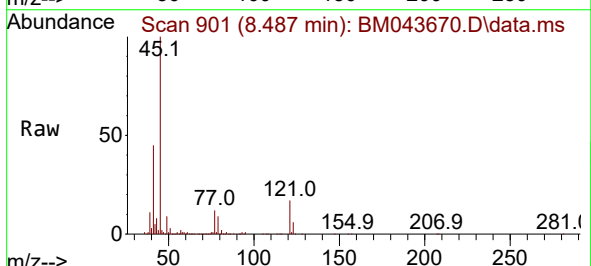
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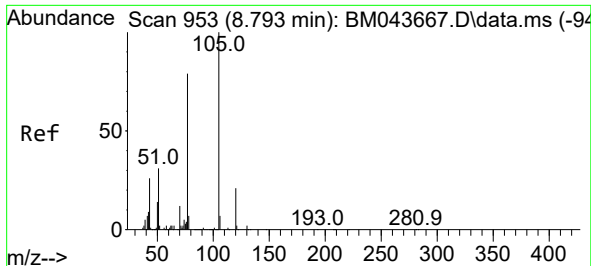
Tgt Ion:108 Resp: 258304
Ion Ratio Lower Upper
108 100
107 88.9 69.0 103.6



#14
2,2'-oxybis(1-Chloropropane)
Concen: 21.363 ng/ul
RT: 8.487 min Scan# 901
Delta R.T. -0.000 min
Lab File: BM043670.D
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Tgt Ion: 45 Resp: 637210
Ion Ratio Lower Upper
45 100
77 11.8 10.6 15.8
79 9.0 7.6 11.4

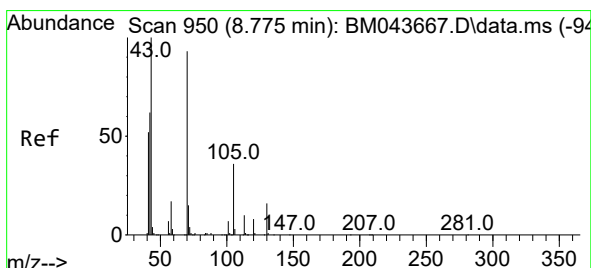
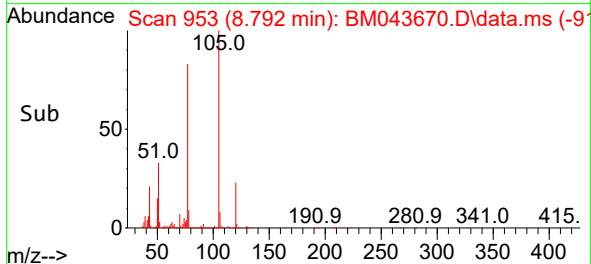
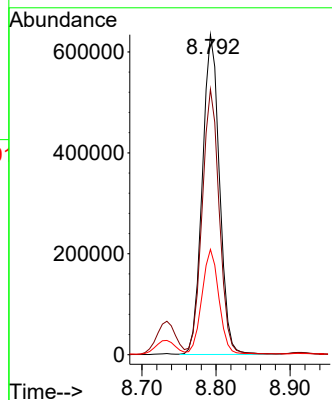
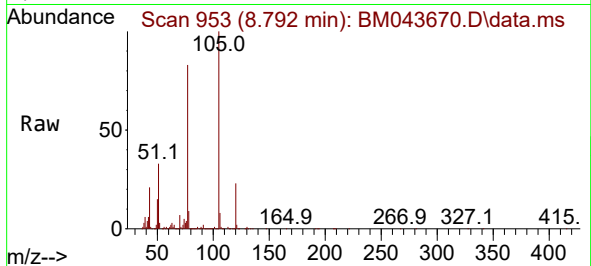




#16
Acetophenone
Concen: 38.807 ng/ul
RT: 8.792 min Scan# 91
Delta R.T. -0.000 min
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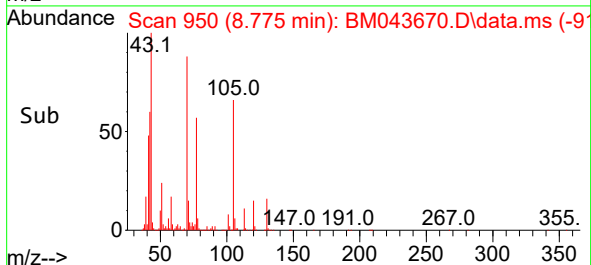
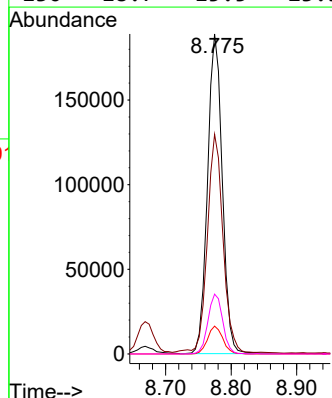
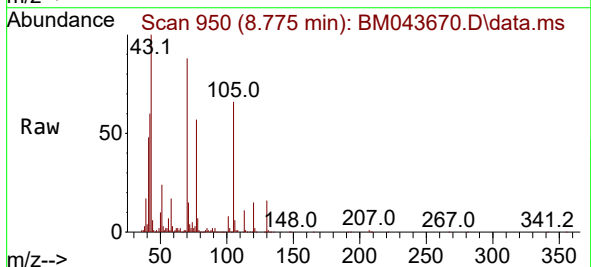
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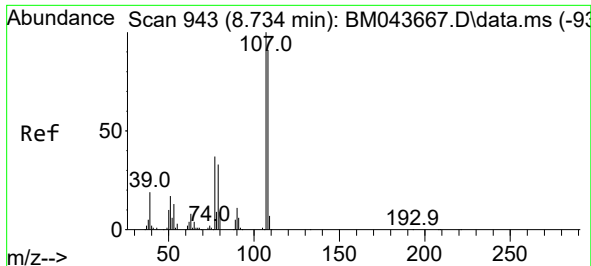
Tgt Ion:105 Resp: 1025345
Ion Ratio Lower Upper
105 100
77 83.0 65.1 97.7
51 32.9 24.3 36.5



#17
N-Nitroso-di-n-propylamine
Concen: 18.746 ng/ul
RT: 8.775 min Scan# 950
Delta R.T. -0.000 min
Lab File: BM043670.D
Acq: 29 Dec 2023 11:21

Tgt Ion: 70 Resp: 295624
Ion Ratio Lower Upper
70 100
42 68.7 50.0 75.0
101 8.7 7.4 11.0
130 18.7 15.5 23.3

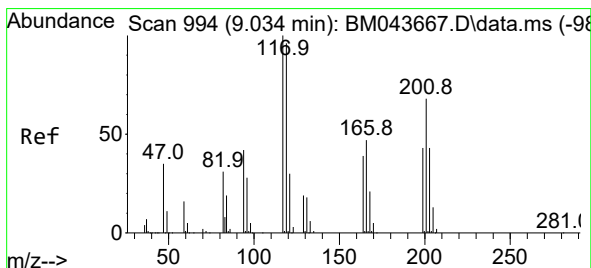
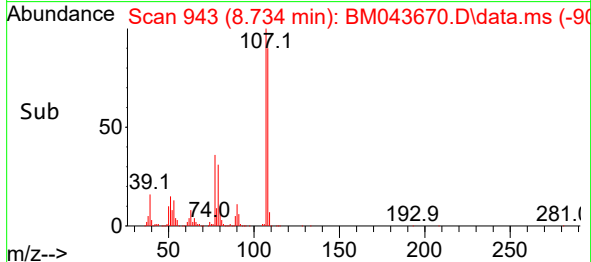
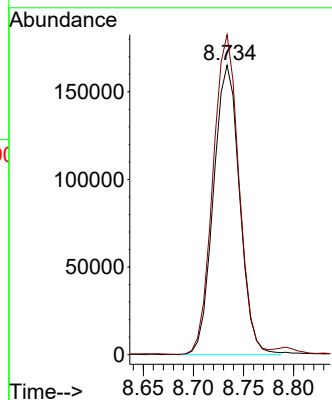
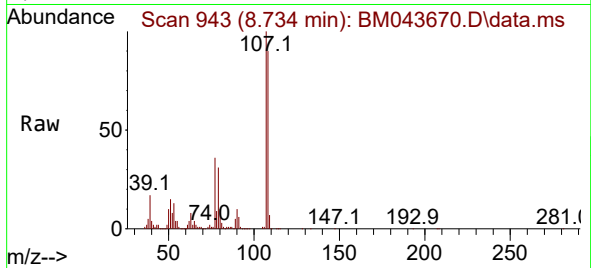




#18
4-Methylphenol
Concen: 16.635 ng/ul
RT: 8.734 min Scan# 943
Delta R.T. -0.000 min
Lab File: BM043670.D
Acq: 29 Dec 2023 11:21

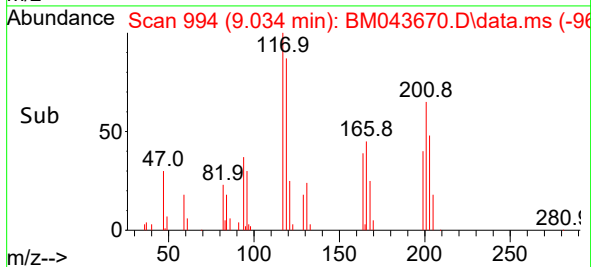
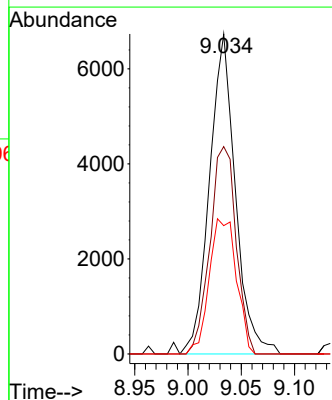
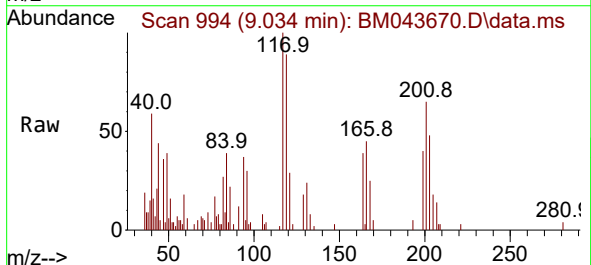
Instrument :
BNA_P
ClientSampleId :
GCF56MS

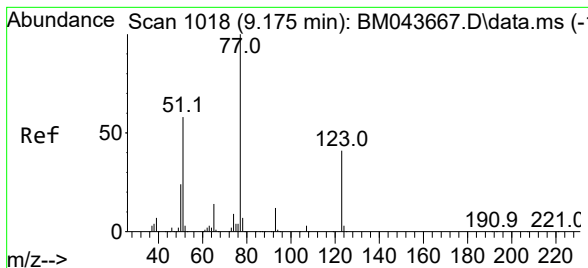
Tgt Ion:108 Resp: 299527
Ion Ratio Lower Upper
108 100
107 110.6 87.1 130.7



#19
Hexachloroethane
Concen: 1.560 ng/ul
RT: 9.034 min Scan# 994
Delta R.T. -0.000 min
Lab File: BM043670.D
Acq: 29 Dec 2023 11:21

Tgt Ion:117 Resp: 11380
Ion Ratio Lower Upper
117 100
201 64.8 59.8 89.6
199 40.1 39.0 58.6

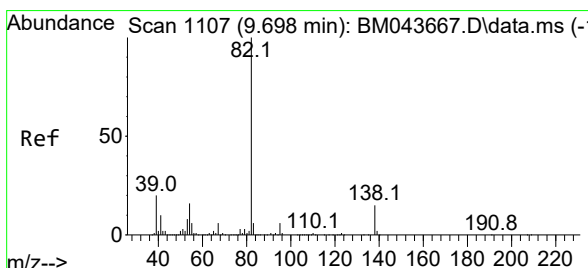
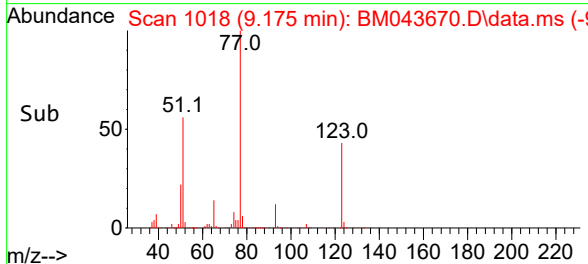
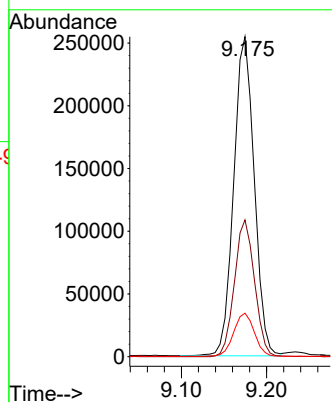
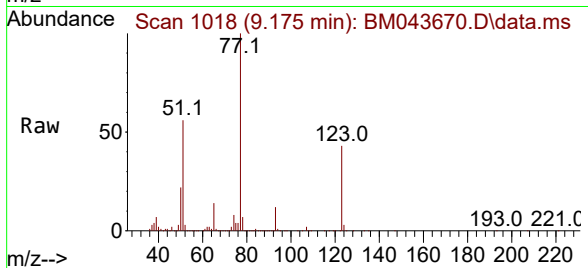




#22
Nitrobenzene
Concen: 20.510 ng/ul
RT: 9.175 min Scan# 1018
Delta R.T. -0.000 min
Lab File: BM043670.D
Acq: 29 Dec 2023 11:21

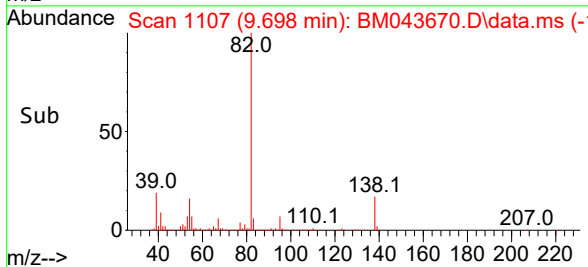
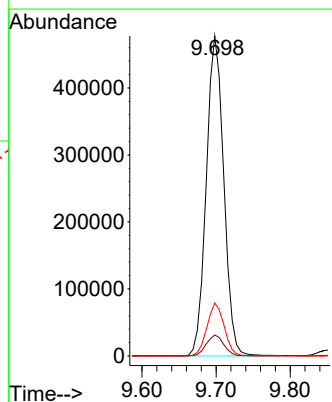
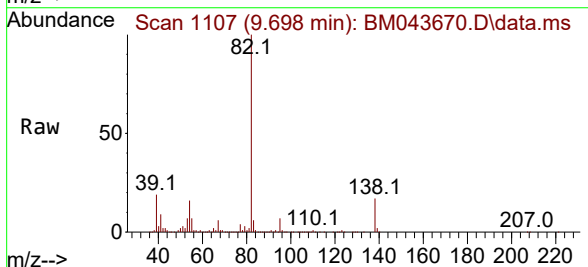
Instrument :
BNA_P
ClientSampleId :
GCF56MS

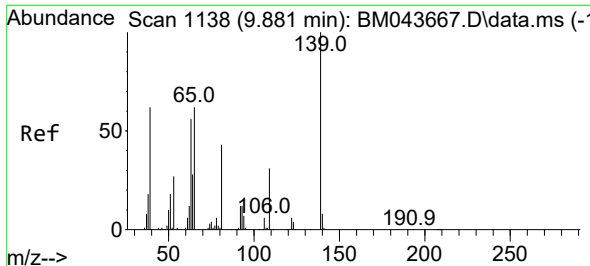
Tgt Ion: 77 Resp: 425157
Ion Ratio Lower Upper
77 100
123 42.7 35.6 53.4
65 13.6 10.6 15.8



#23
Isophorone
Concen: 18.641 ng/ul
RT: 9.698 min Scan# 1107
Delta R.T. -0.000 min
Lab File: BM043670.D
Acq: 29 Dec 2023 11:21

Tgt Ion: 82 Resp: 783830
Ion Ratio Lower Upper
82 100
95 6.5 5.5 8.3
138 16.6 13.6 20.4

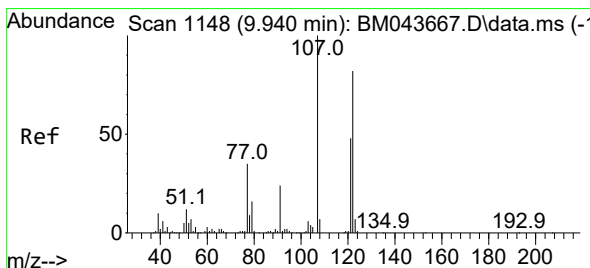
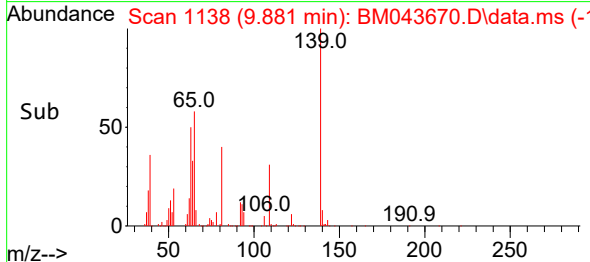
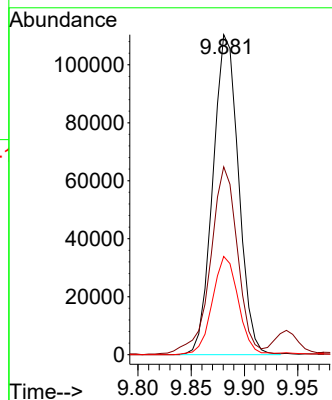
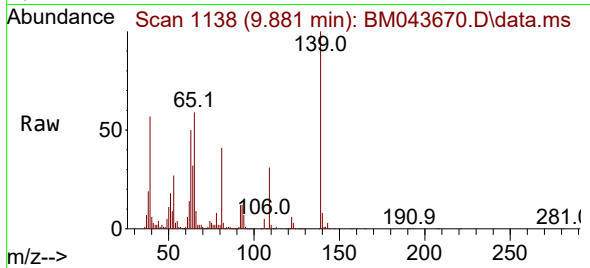




#25
2-Nitrophenol
Concen: 20.150 ng/ul
RT: 9.881 min Scan# 1138
Delta R.T. -0.000 min
Lab File: BM043670.D
Acq: 29 Dec 2023 11:21

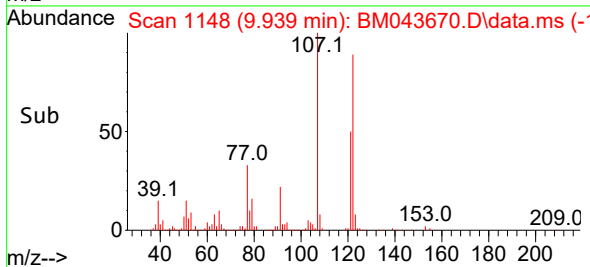
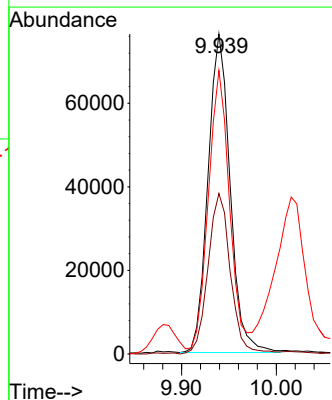
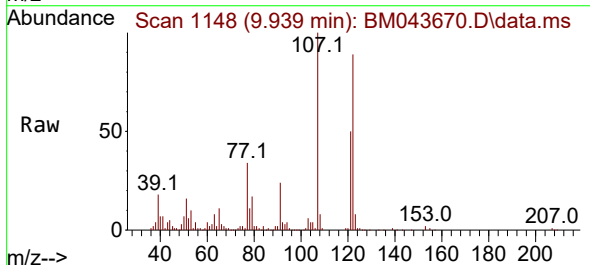
Instrument :
BNA_P
ClientSampleId :
GCF56MS

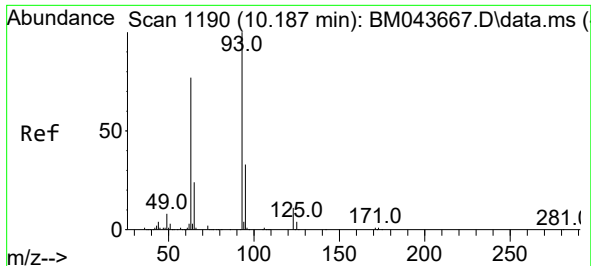
Tgt Ion:139 Resp: 185337
Ion Ratio Lower Upper
139 100
65 58.7 44.6 66.8
109 30.7 24.6 36.8



#26
2,4-Dimethylphenol
Concen: 7.552 ng/ul
RT: 9.939 min Scan# 1148
Delta R.T. -0.000 min
Lab File: BM043670.D
Acq: 29 Dec 2023 11:21

Tgt Ion:107 Resp: 123738
Ion Ratio Lower Upper
107 100
121 50.2 40.3 60.5
122 88.6 71.5 107.3





#27

Bis(2-Chloroethoxy)methane

Concen: 19.356 ng/ul

RT: 10.186 min Scan# 1190

Delta R.T. -0.000 min

Lab File: BM043670.D

Acq: 29 Dec 2023 11:21

Instrument :

BNA_P

ClientSampleId :

GCF56MS

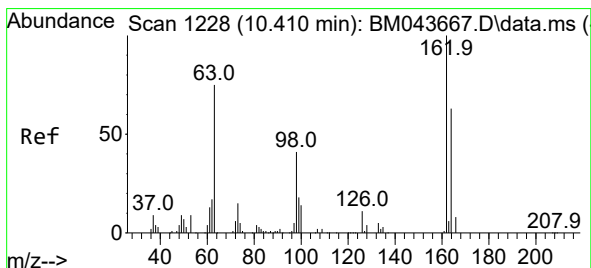
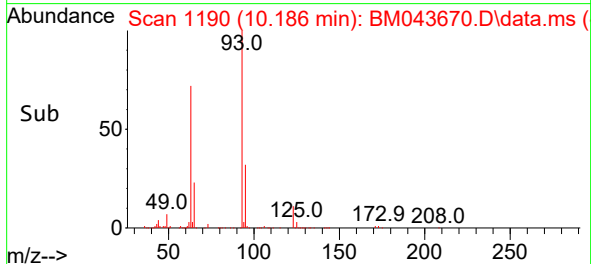
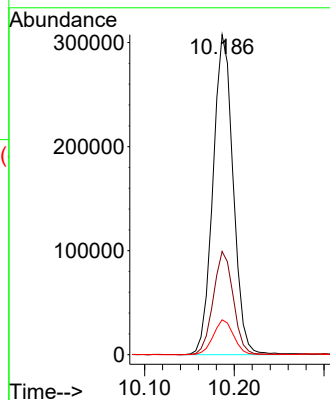
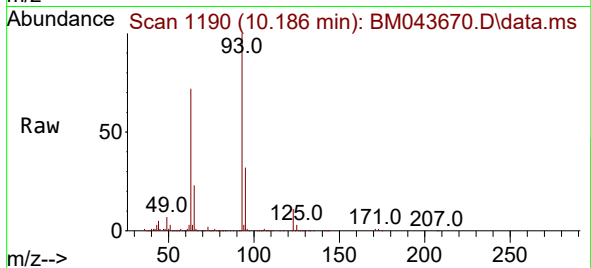
Tgt Ion: 93 Resp: 480591

Ion Ratio Lower Upper

93 100

95 32.2 25.9 38.9

123 10.9 9.0 13.6



#29

2,4-Dichlorophenol

Concen: 12.271 ng/ul

RT: 10.410 min Scan# 1228

Delta R.T. -0.000 min

Lab File: BM043670.D

Acq: 29 Dec 2023 11:21

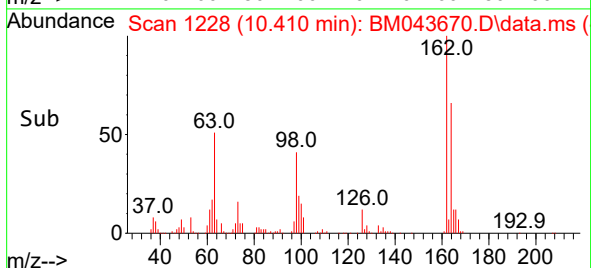
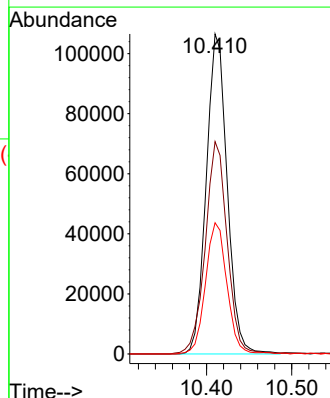
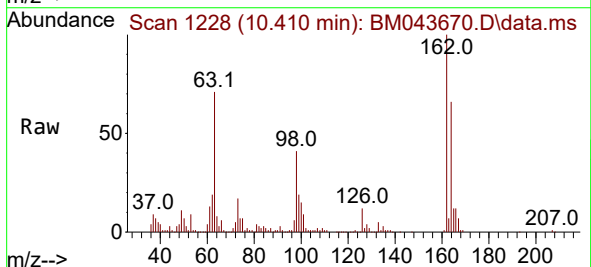
Tgt Ion:162 Resp: 181935

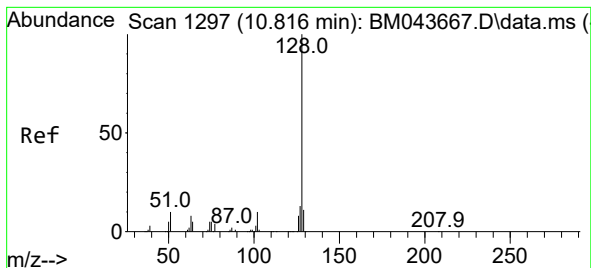
Ion Ratio Lower Upper

162 100

164 66.3 51.0 76.4

98 41.0 32.1 48.1

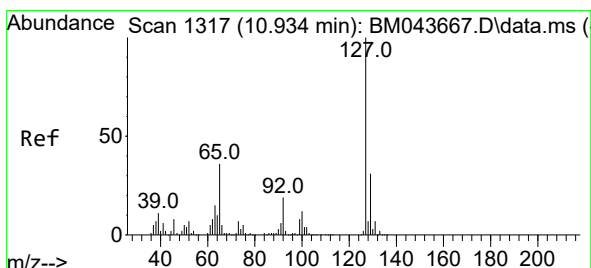
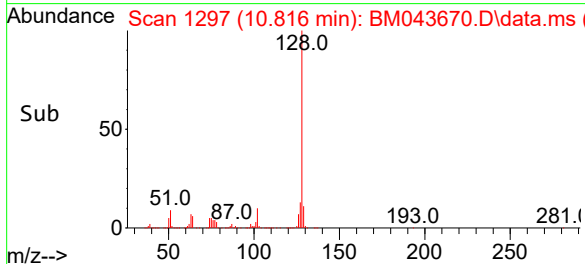
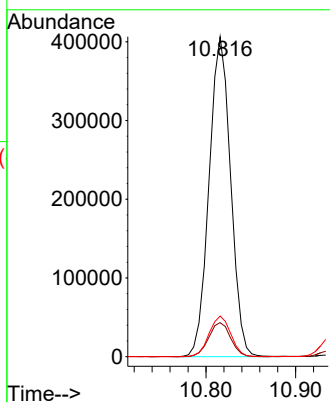
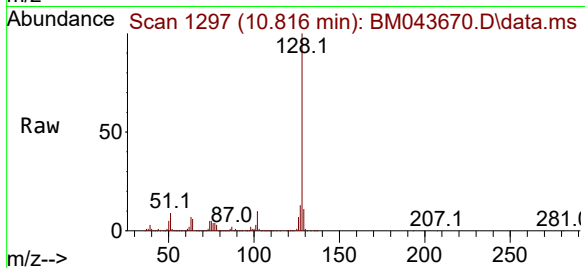




#30
Naphthalene
Concen: 12.279 ng/ul
RT: 10.816 min Scan# 1297
Delta R.T. -0.000 min
Lab File: BM043670.D
Acq: 29 Dec 2023 11:21

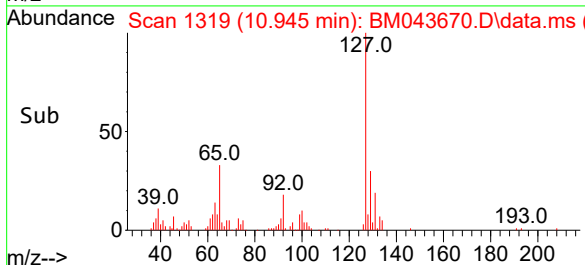
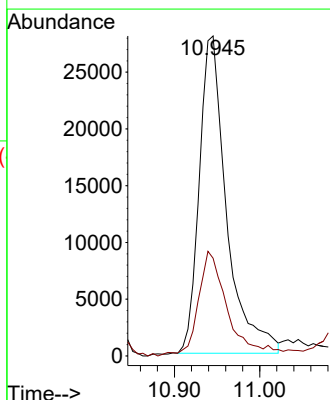
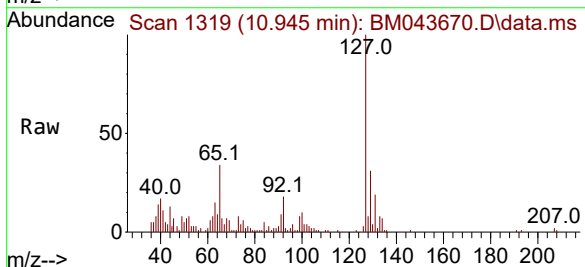
Instrument :
BNA_P
ClientSampleId :
GCF56MS

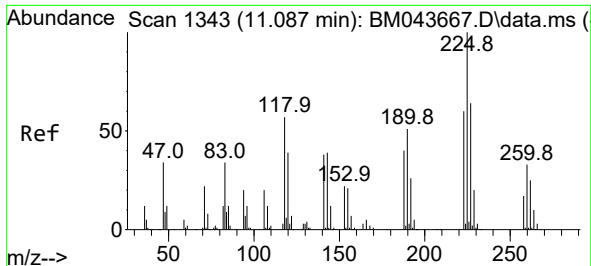
Tgt Ion:128 Resp: 677501
Ion Ratio Lower Upper
128 100
129 10.6 8.8 13.2
127 12.7 10.2 15.4



#32
4-Chloroaniline
Concen: 2.879 ng/ul
RT: 10.945 min Scan# 1319
Delta R.T. 0.012 min
Lab File: BM043670.D
Acq: 29 Dec 2023 11:21

Tgt Ion:127 Resp: 62223
Ion Ratio Lower Upper
127 100
129 30.5 25.4 38.2

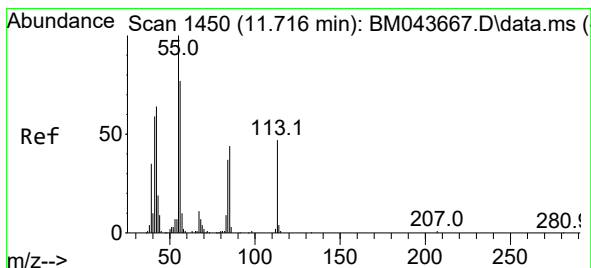
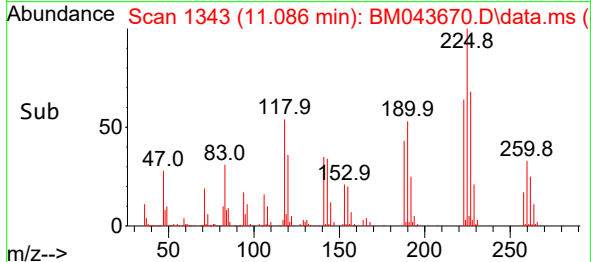
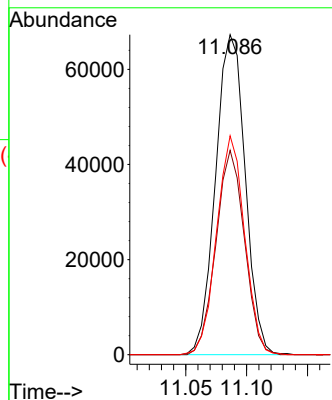
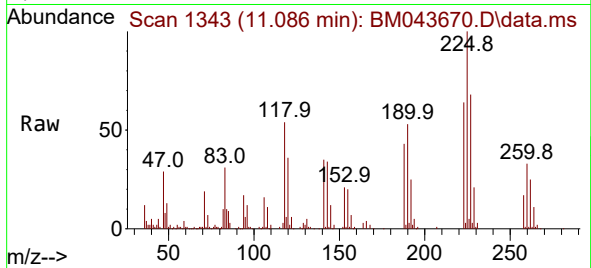




#33
Hexachlorobutadiene
Concen: 15.109 ng/ul
RT: 11.086 min Scan# 11
Delta R.T. -0.000 min
Lab File: BM043670.D
Acq: 29 Dec 2023 11:21

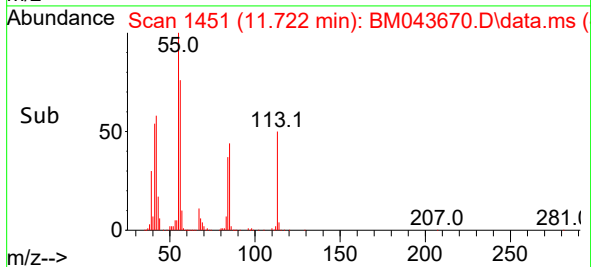
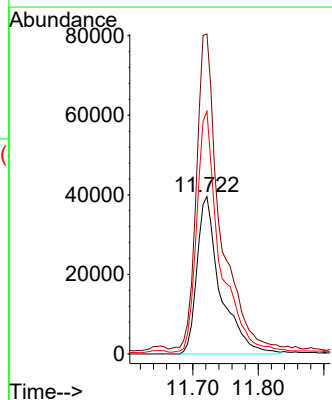
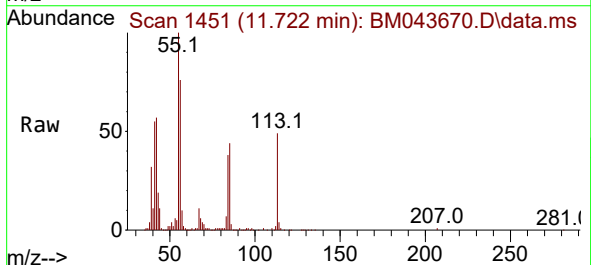
Instrument :
BNA_P
ClientSampleId :
GCF56MS

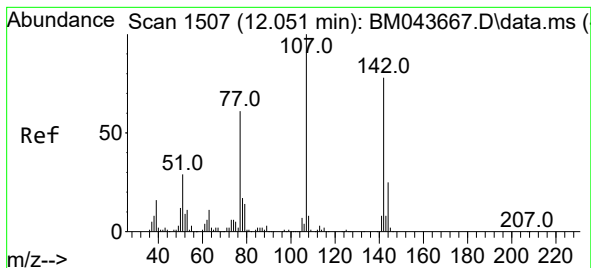
Tgt Ion:225 Resp: 114213
Ion Ratio Lower Upper
225 100
223 63.8 49.4 74.0
227 68.4 50.4 75.6



#34
Caprolactam
Concen: 20.785 ng/ul
RT: 11.722 min Scan# 1451
Delta R.T. 0.006 min
Lab File: BM043670.D
Acq: 29 Dec 2023 11:21

Tgt Ion:113 Resp: 98481
Ion Ratio Lower Upper
113 100
55 203.5 148.9 223.3
56 154.3 111.4 167.2

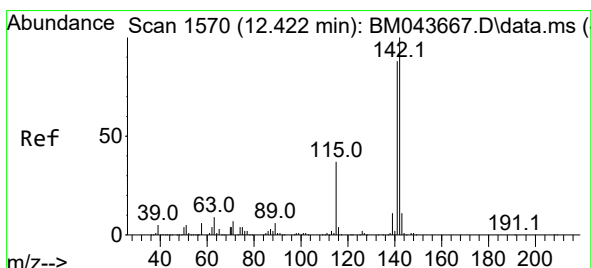
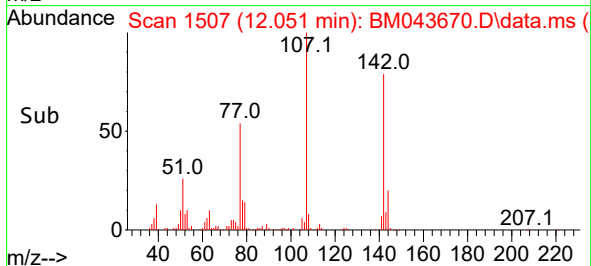
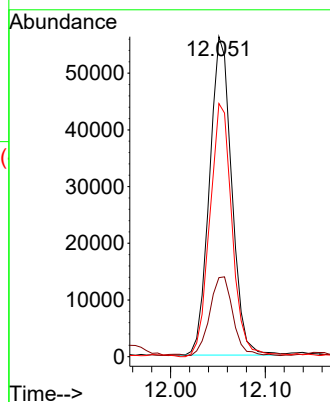
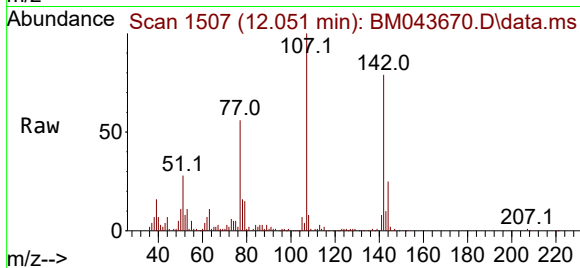




#35
4-Chloro-3-methylphenol
Concen: 5.245 ng/ul
RT: 12.051 min Scan# 1507
Delta R.T. -0.000 min
Lab File: BM043670.D
Acq: 29 Dec 2023 11:21

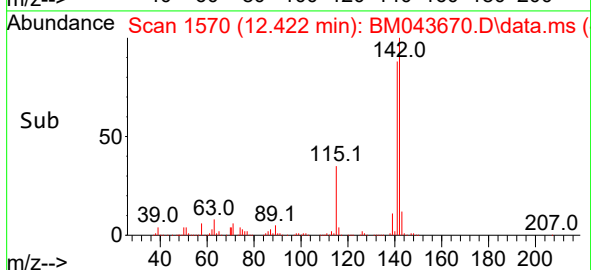
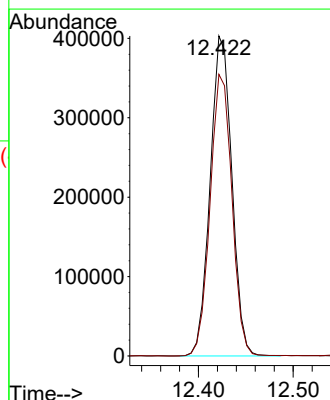
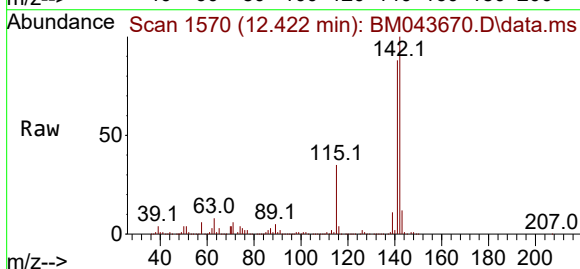
Instrument :
BNA_P
ClientSampleId :
GCF56MS

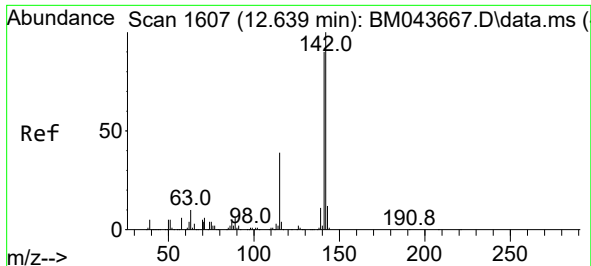
Tgt Ion:107 Resp: 91347
Ion Ratio Lower Upper
107 100
144 24.7 20.3 30.5
142 79.1 64.3 96.5



#36
2-Methylnaphthalene
Concen: 17.079 ng/ul
RT: 12.422 min Scan# 1570
Delta R.T. -0.000 min
Lab File: BM043670.D
Acq: 29 Dec 2023 11:21

Tgt Ion:142 Resp: 641455
Ion Ratio Lower Upper
142 100
141 88.0 69.9 104.9





#37

1-Methylnaphthalene

Concen: 15.290 ng/ul

RT: 12.639 min Scan# 1

Delta R.T. -0.000 min

Lab File: BM043670.D

Acq: 29 Dec 2023 11:21

Instrument :

BNA_P

ClientSampleId :

GCF56MS

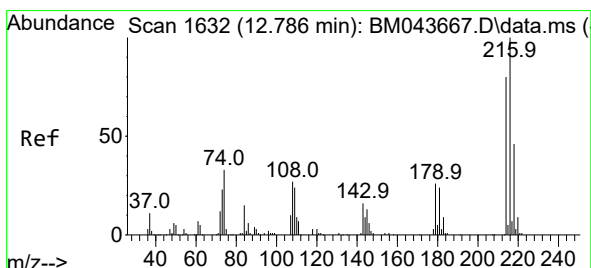
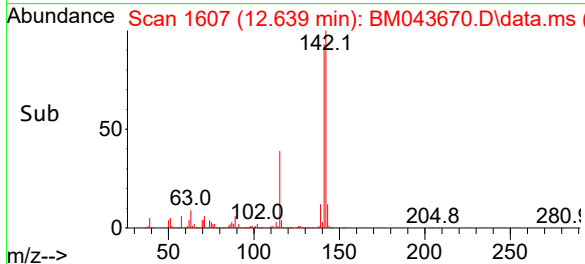
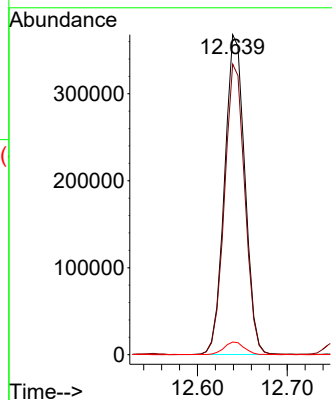
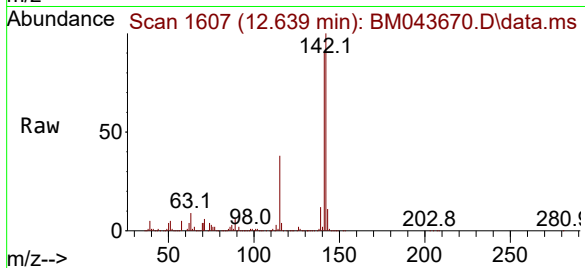
Tgt Ion:142 Resp: 579243

Ion Ratio Lower Upper

142 100

141 90.8 73.0 109.4

116 3.9 3.0 4.6



#39

1,2,4,5-Tetrachlorobenzene

Concen: 4.762 ng/ul

RT: 12.786 min Scan# 1632

Delta R.T. -0.000 min

Lab File: BM043670.D

Acq: 29 Dec 2023 11:21

Tgt Ion:216 Resp: 68541

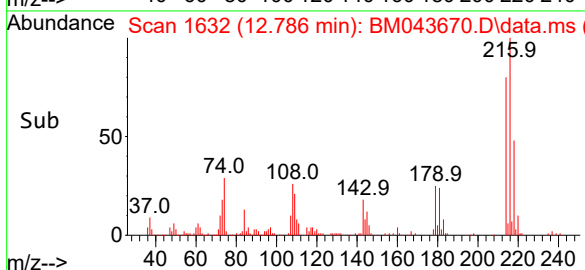
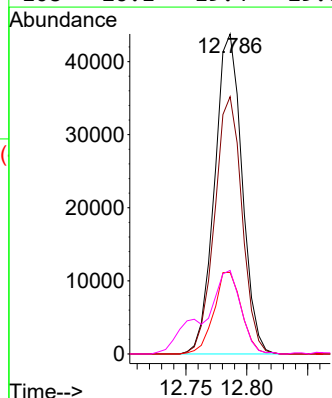
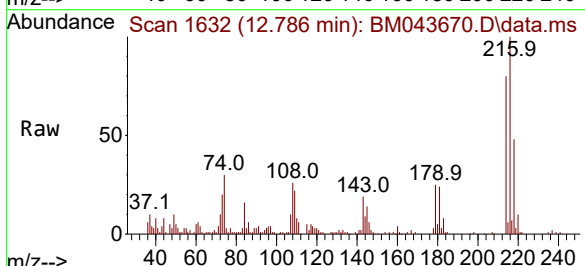
Ion Ratio Lower Upper

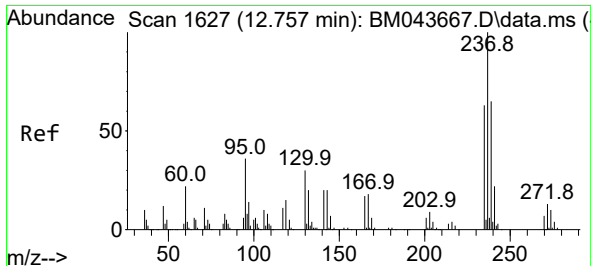
216 100

214 80.4 64.6 97.0

179 25.5 20.0 30.0

108 26.1 19.4 29.0

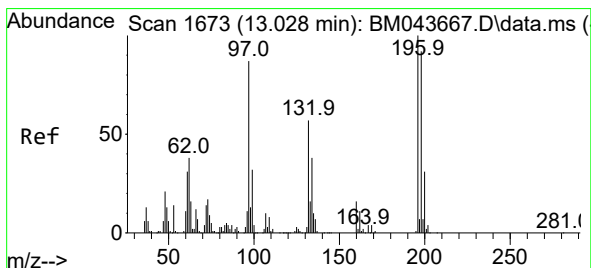
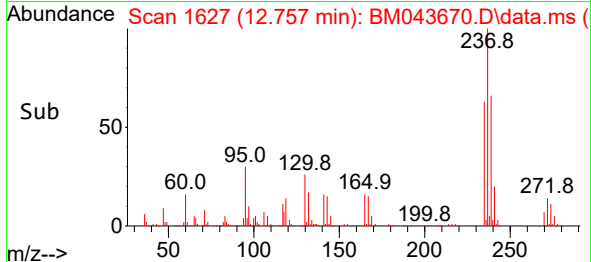
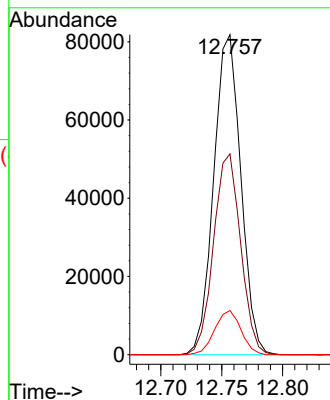
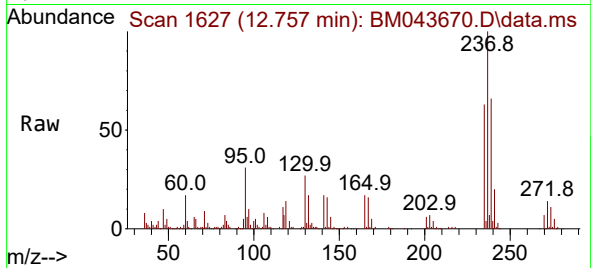




#40
Hexachlorocyclopentadiene
Concen: 14.046 ng/ul
RT: 12.757 min Scan# 1627
Delta R.T. -0.000 min
Lab File: BM043670.D
Acq: 29 Dec 2023 11:21

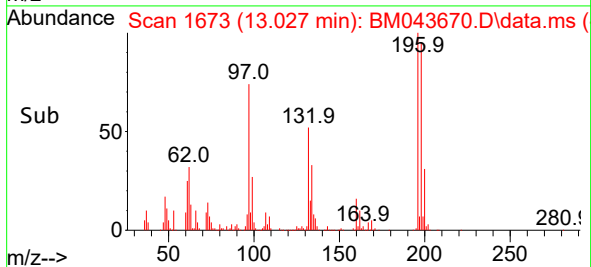
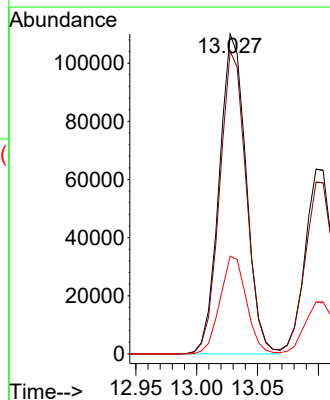
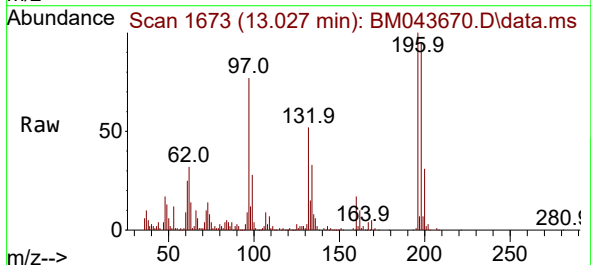
Instrument :
BNA_P
ClientSampleId :
GCF56MS

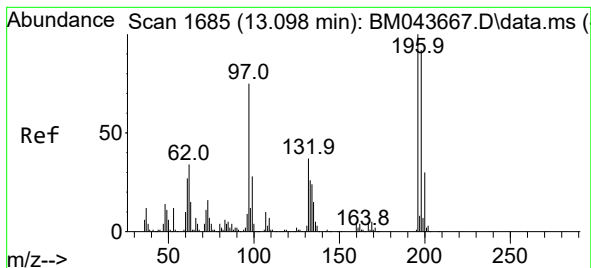
Tgt Ion:237 Resp: 126842
Ion Ratio Lower Upper
237 100
235 62.7 48.2 72.4
272 13.8 10.8 16.2



#41
2,4,6-Trichlorophenol
Concen: 16.543 ng/ul
RT: 13.027 min Scan# 1673
Delta R.T. -0.000 min
Lab File: BM043670.D
Acq: 29 Dec 2023 11:21

Tgt Ion:196 Resp: 169240
Ion Ratio Lower Upper
196 100
198 94.6 78.3 117.5
200 30.6 25.1 37.7





#42

2,4,5-Trichlorophenol

Concen: 9.230 ng/ul

RT: 13.098 min Scan# 1

Delta R.T. -0.000 min

Lab File: BM043670.D

Acq: 29 Dec 2023 11:21

Instrument :

BNA_P

ClientSampleId :

GCF56MS

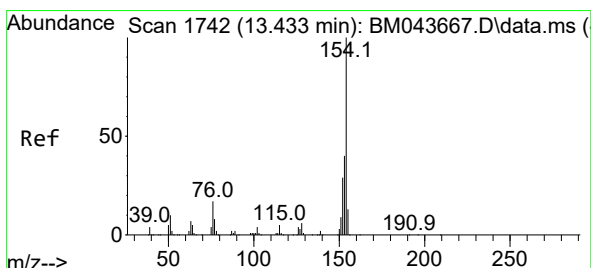
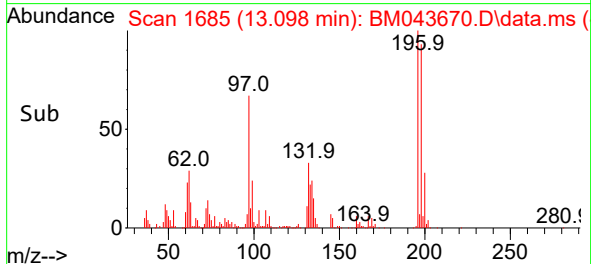
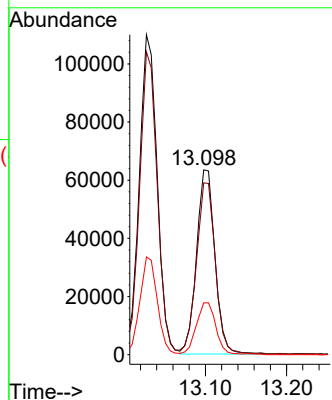
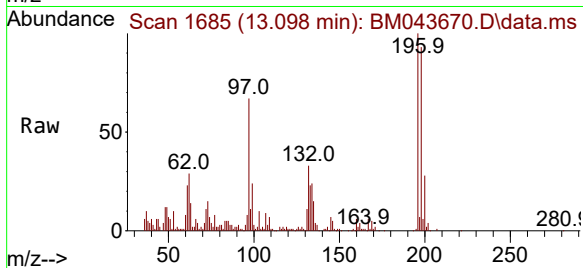
Tgt Ion:196 Resp: 100256

Ion Ratio Lower Upper

196 100

198 93.0 75.1 112.7

200 28.1 24.6 37.0



#43

1,1'-Biphenyl

Concen: 19.587 ng/ul

RT: 13.433 min Scan# 1742

Delta R.T. -0.000 min

Lab File: BM043670.D

Acq: 29 Dec 2023 11:21

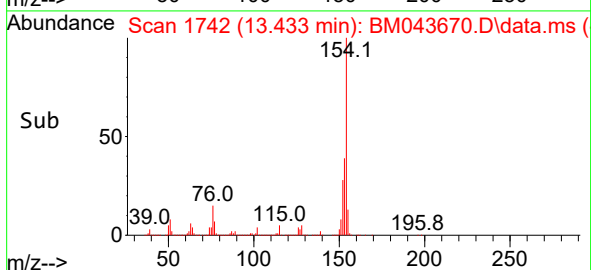
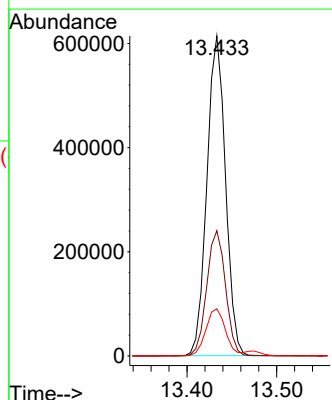
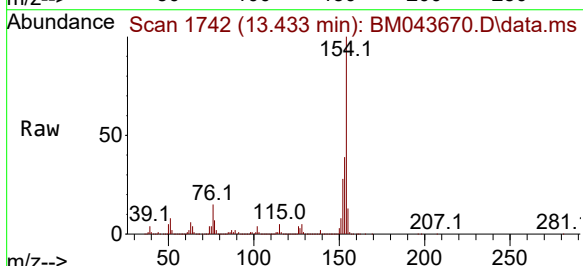
Tgt Ion:154 Resp: 881939

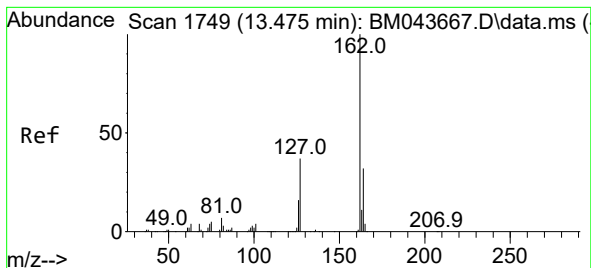
Ion Ratio Lower Upper

154 100

153 39.1 31.8 47.6

76 14.8 11.7 17.5

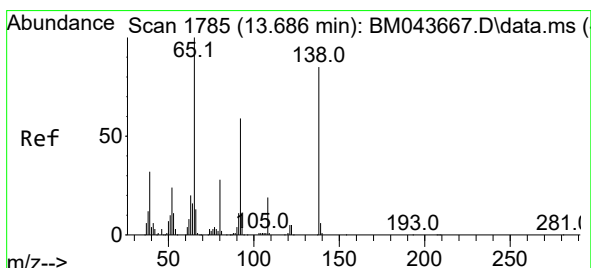
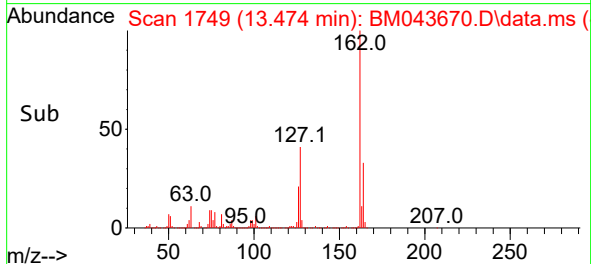
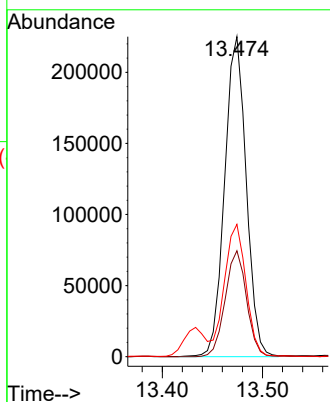
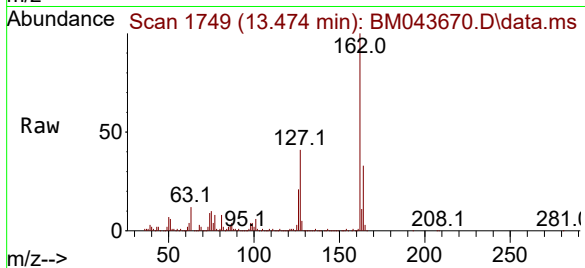




#44
2-Chloronaphthalene
Concen: 9.773 ng/ul
RT: 13.474 min Scan# 1749
Delta R.T. -0.000 min
Lab File: BM043670.D
Acq: 29 Dec 2023 11:21

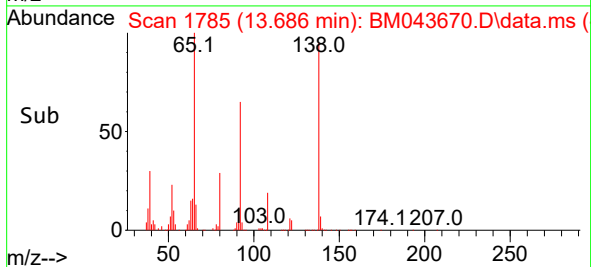
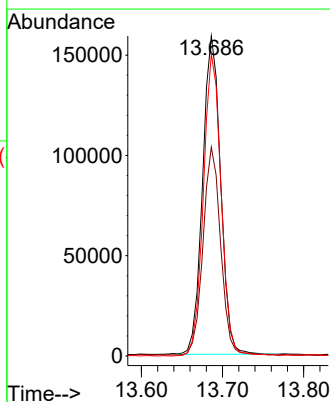
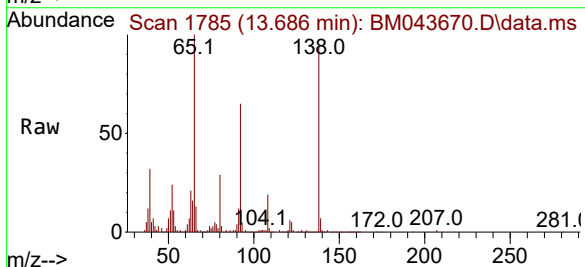
Instrument :
BNA_P
ClientSampleId :
GCF56MS

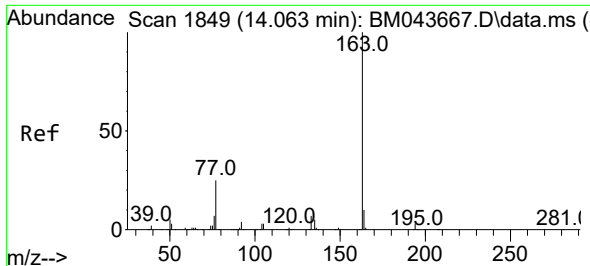
Tgt Ion:162 Resp: 337392
Ion Ratio Lower Upper
162 100
164 33.1 26.4 39.6
127 41.3 32.2 48.4



#45
2-Nitroaniline
Concen: 21.035 ng/ul
RT: 13.686 min Scan# 1785
Delta R.T. -0.000 min
Lab File: BM043670.D
Acq: 29 Dec 2023 11:21

Tgt Ion: 65 Resp: 243501
Ion Ratio Lower Upper
65 100
92 65.3 51.4 77.2
138 94.4 78.4 117.6

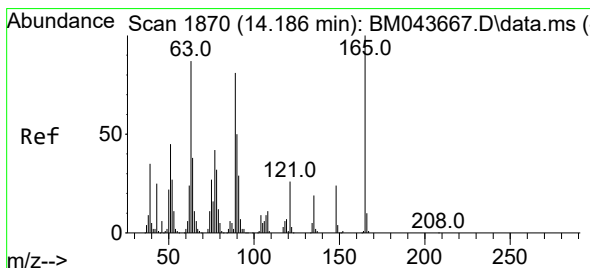
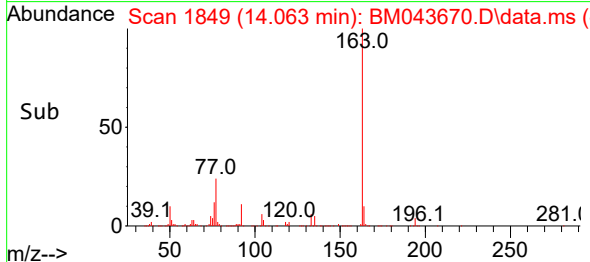
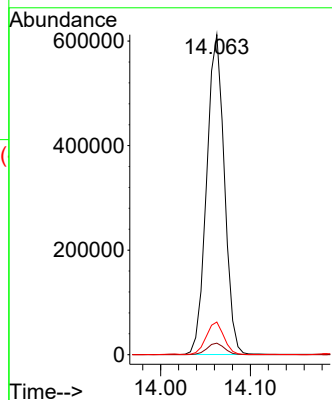
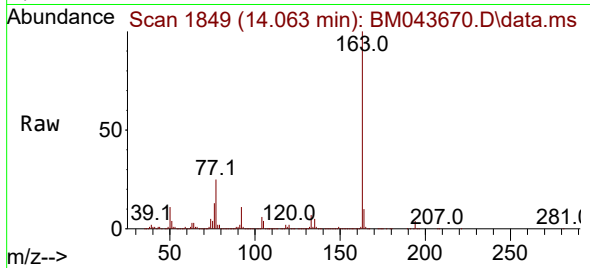




#47
Dimethylphthalate
Concen: 19.973 ng/ul
RT: 14.063 min Scan# 1849
Delta R.T. -0.000 min
Lab File: BM043670.D
Acq: 29 Dec 2023 11:21

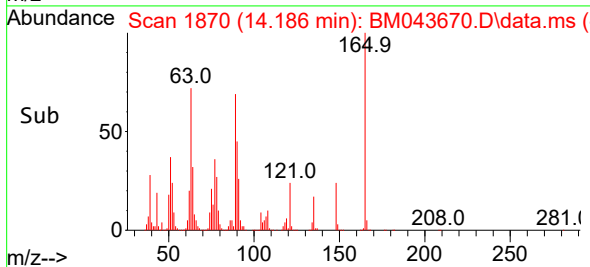
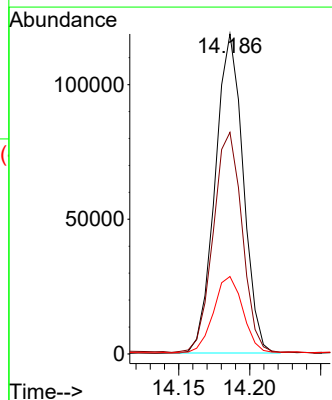
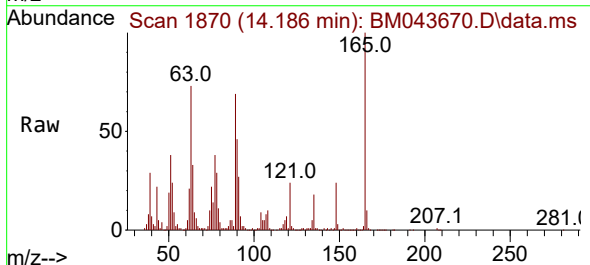
Instrument :
BNA_P
ClientSampleId :
GCF56MS

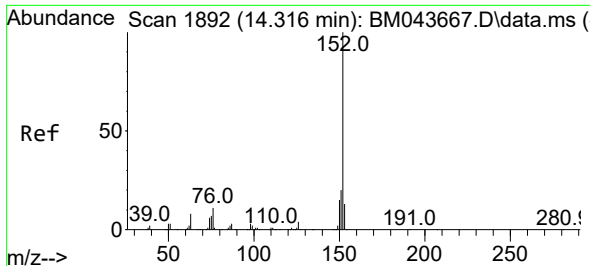
Tgt Ion:163 Resp: 838710
Ion Ratio Lower Upper
163 100
194 3.6 3.0 4.4
164 10.2 8.0 12.0



#48
2,6-Dinitrotoluene
Concen: 20.011 ng/ul
RT: 14.186 min Scan# 1870
Delta R.T. -0.000 min
Lab File: BM043670.D
Acq: 29 Dec 2023 11:21

Tgt Ion:165 Resp: 162466
Ion Ratio Lower Upper
165 100
89 69.2 50.7 76.1
121 24.2 18.6 27.8

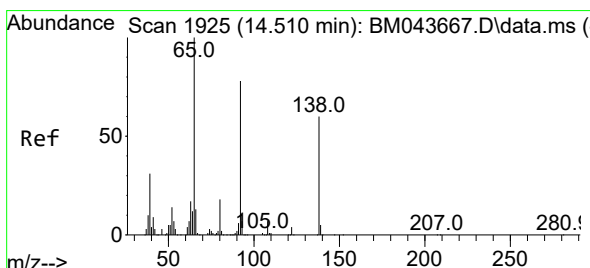
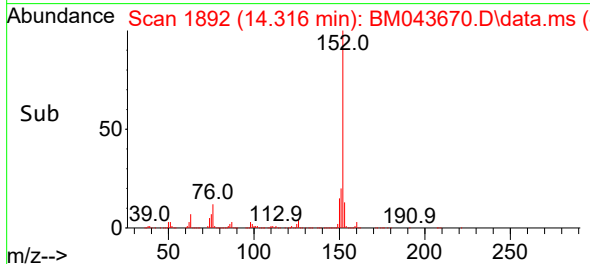
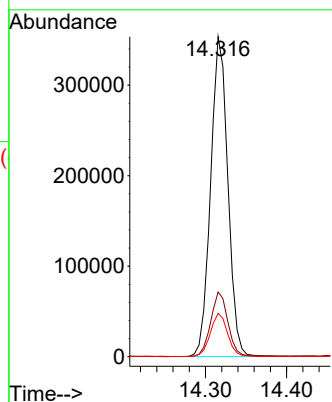
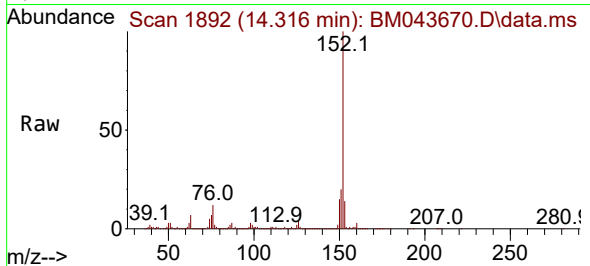




#50
Acenaphthylene
Concen: 8.983 ng/ul
RT: 14.316 min Scan# 1892
Delta R.T. -0.000 min
Lab File: BM043670.D
Acq: 29 Dec 2023 11:21

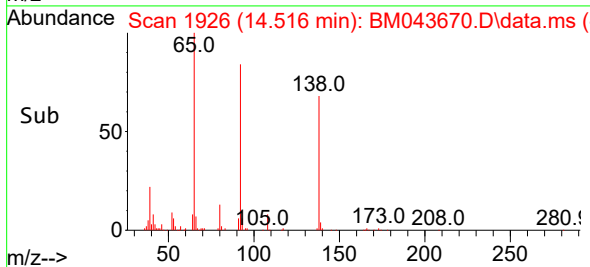
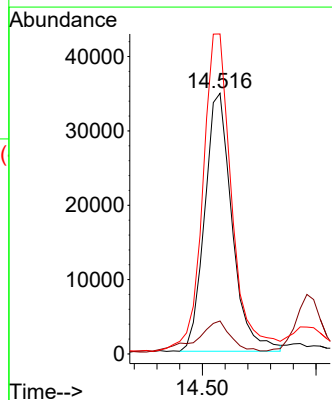
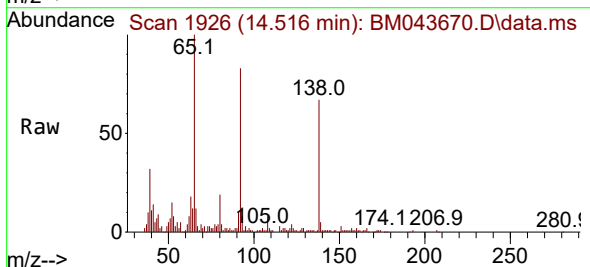
Instrument :
BNA_P
ClientSampleId :
GCF56MS

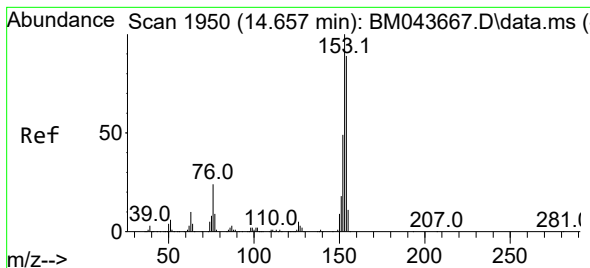
Tgt Ion:152 Resp: 520327
Ion Ratio Lower Upper
152 100
151 20.2 15.6 23.4
153 13.6 10.2 15.4



#51
3-Nitroaniline
Concen: 6.225 ng/ul
RT: 14.516 min Scan# 1926
Delta R.T. 0.006 min
Lab File: BM043670.D
Acq: 29 Dec 2023 11:21

Tgt Ion:138 Resp: 58015
Ion Ratio Lower Upper
138 100
108 12.6 8.4 12.6#
92 122.7 94.6 142.0





#52

Acenaphthene

Concen: 11.661 ng/ul

RT: 14.657 min Scan# 1950

Delta R.T. -0.000 min

Lab File: BM043670.D

Acq: 29 Dec 2023 11:21

Instrument :

BNA_P

ClientSampleId :

GCF56MS

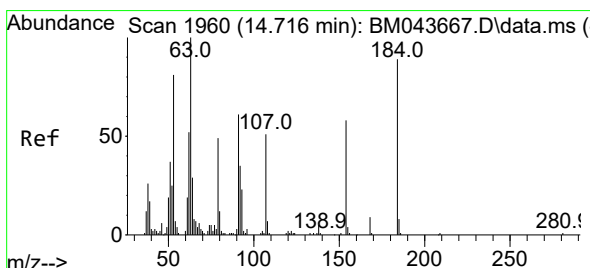
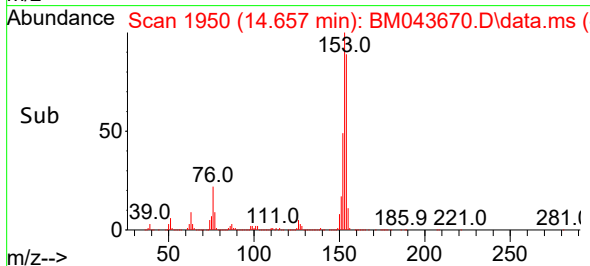
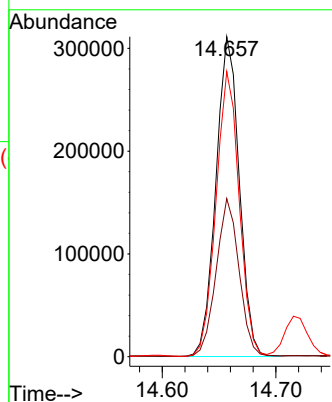
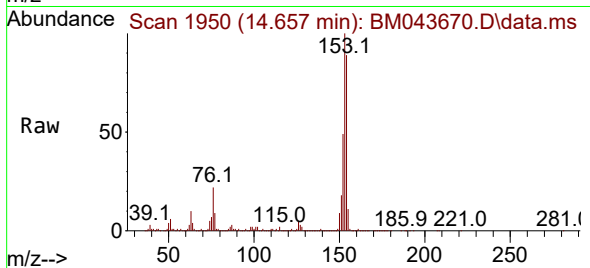
Tgt Ion:153 Resp: 445189

Ion Ratio Lower Upper

153 100

152 49.4 38.1 57.1

154 89.1 70.4 105.6



#53

2,4-Dinitrophenol

Concen: 18.094 ng/ul

RT: 14.716 min Scan# 1960

Delta R.T. -0.000 min

Lab File: BM043670.D

Acq: 29 Dec 2023 11:21

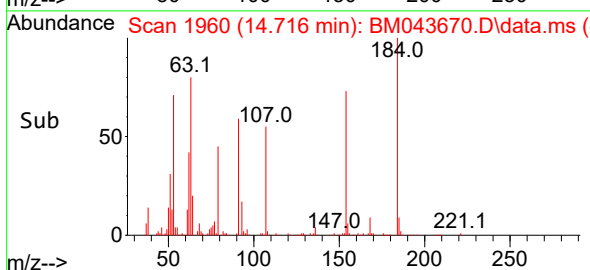
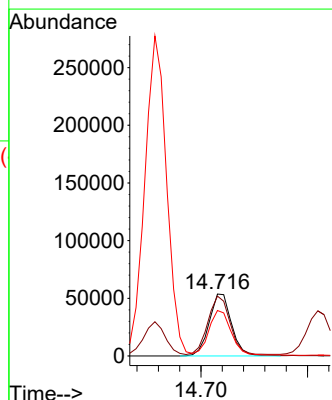
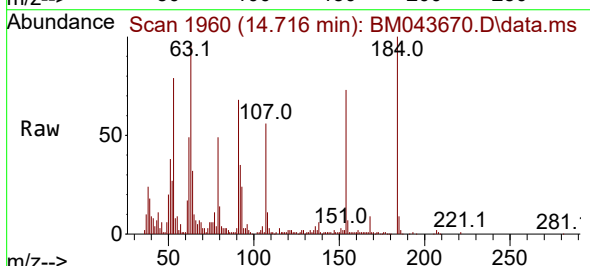
Tgt Ion:184 Resp: 78201

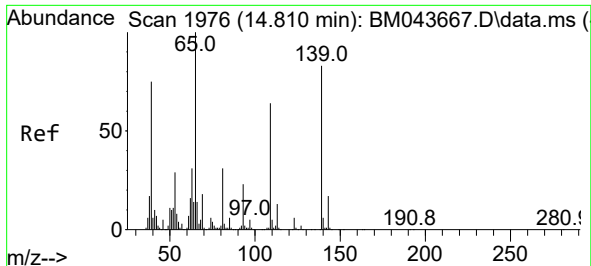
Ion Ratio Lower Upper

184 100

63 96.7 64.9 97.3

154 73.4 53.1 79.7

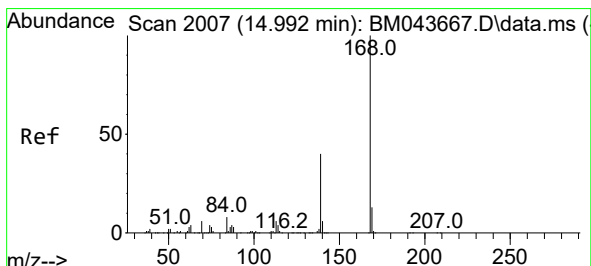
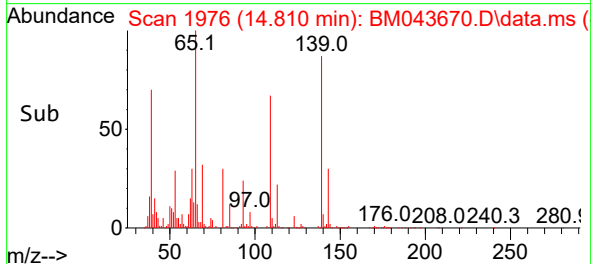
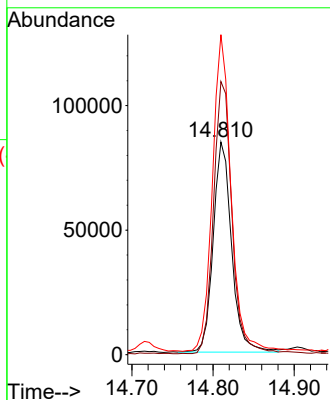
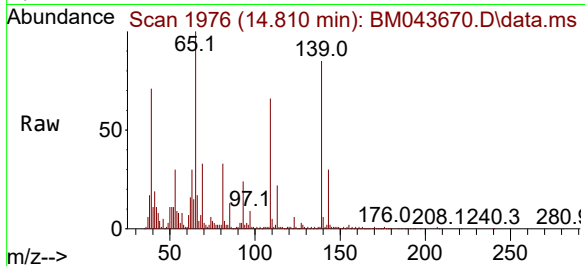




#55
4-Nitrophenol
Concen: 21.292 ng/ul
RT: 14.810 min Scan# 1976
Delta R.T. -0.000 min
Lab File: BM043670.D
Acq: 29 Dec 2023 11:21

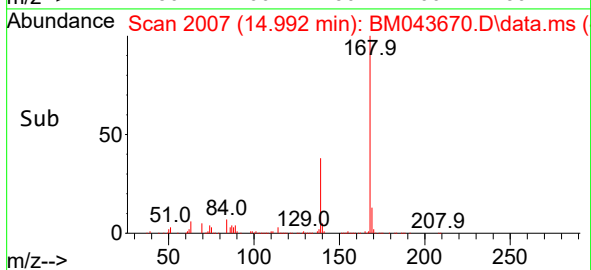
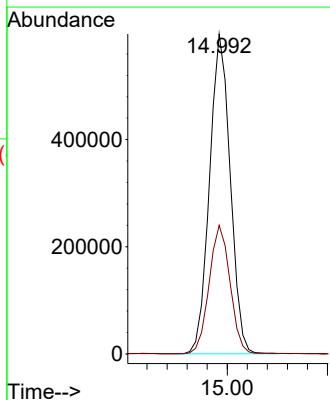
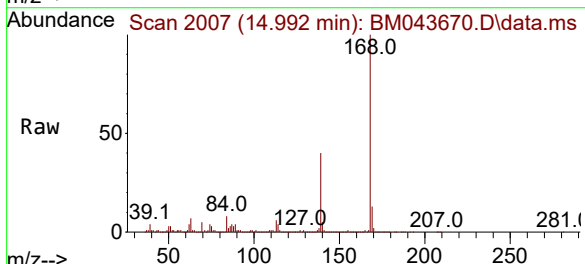
Instrument :
BNA_P
ClientSampleId :
GCF56MS

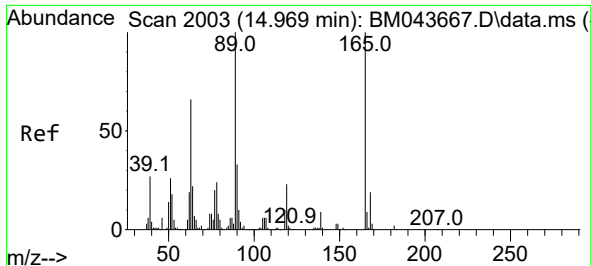
Tgt Ion:109 Resp: 133057
Ion Ratio Lower Upper
109 100
139 128.4 107.0 160.6
65 150.5 110.4 165.6



#56
Dibenzofuran
Concen: 17.355 ng/ul
RT: 14.992 min Scan# 2007
Delta R.T. -0.000 min
Lab File: BM043670.D
Acq: 29 Dec 2023 11:21

Tgt Ion:168 Resp: 855680
Ion Ratio Lower Upper
168 100
139 40.2 31.8 47.8





#57

2,4-Dinitrotoluene

Concen: 20.699 ng/ul

RT: 14.968 min Scan# 2003

Delta R.T. -0.000 min

Lab File: BM043670.D

Acq: 29 Dec 2023 11:21

Instrument :

BNA_P

ClientSampleId :

GCF56MS

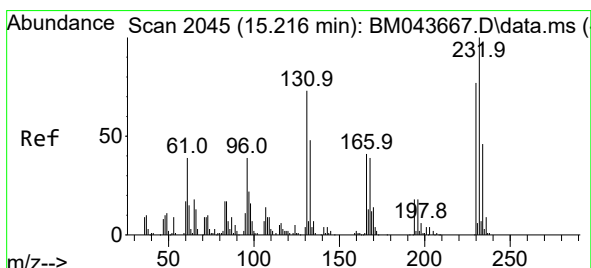
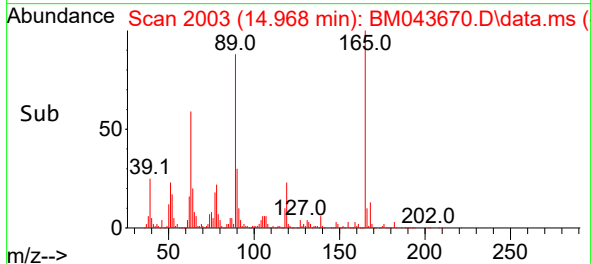
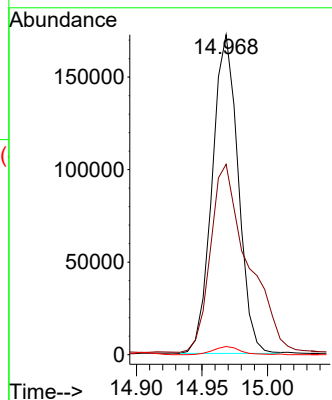
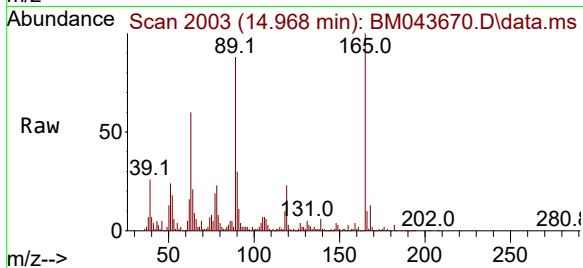
Tgt Ion:165 Resp: 237421

Ion Ratio Lower Upper

165 100

63 59.5 43.2 64.8

182 2.5 2.3 3.5



#58

2,3,4,6-Tetrachlorophenol

Concen: 19.968 ng/ul

RT: 15.215 min Scan# 2045

Delta R.T. -0.000 min

Lab File: BM043670.D

Acq: 29 Dec 2023 11:21

Tgt Ion:232 Resp: 166179

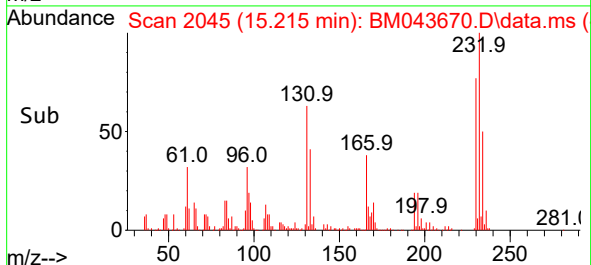
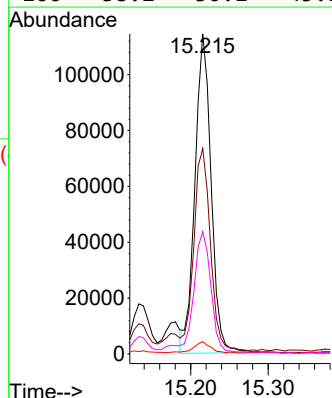
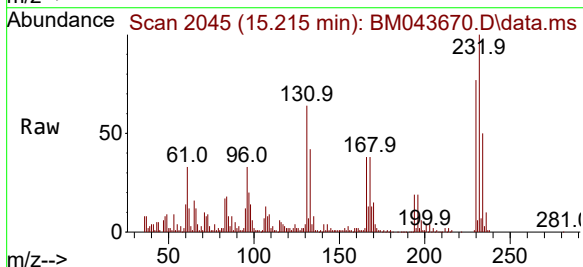
Ion Ratio Lower Upper

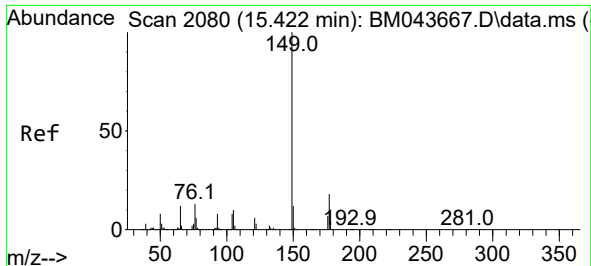
232 100

131 64.2 47.4 71.0

130 3.9 2.4 3.6#

166 38.2 30.1 45.1

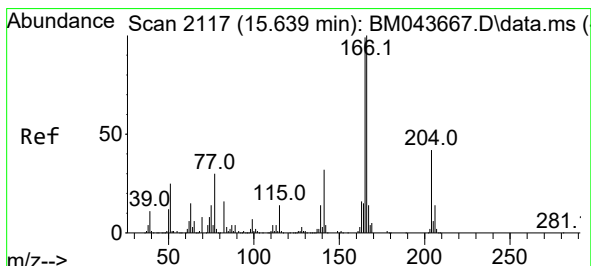
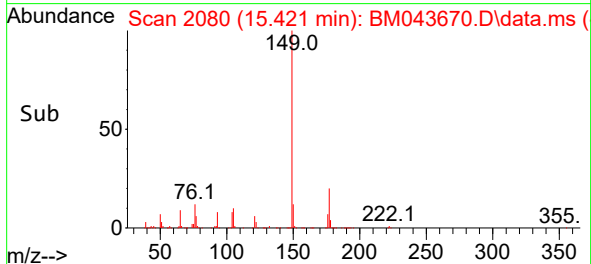
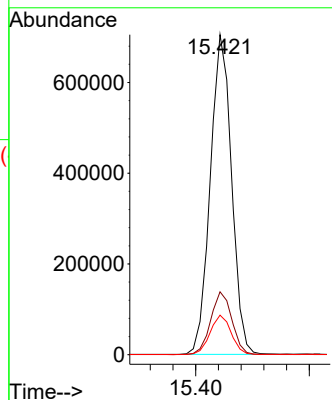
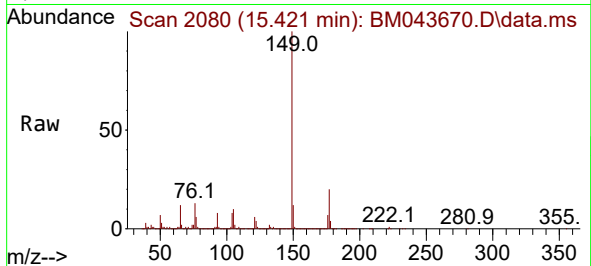




#59
Diethylphthalate
Concen: 21.309 ng/ul
RT: 15.421 min Scan# 2080
Delta R.T. -0.000 min
Lab File: BM043670.D
Acq: 29 Dec 2023 11:21

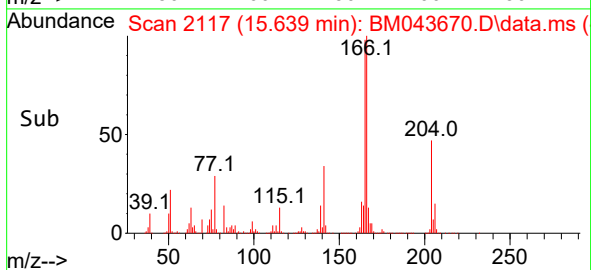
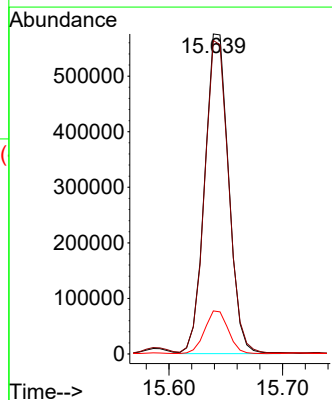
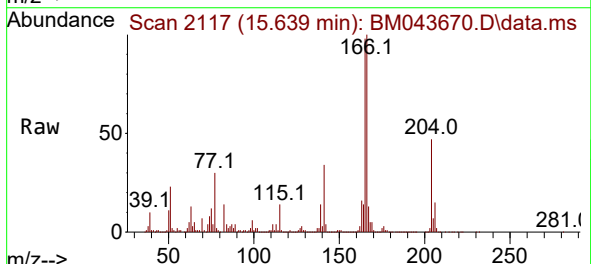
Instrument :
BNA_P
ClientSampleId :
GCF56MS

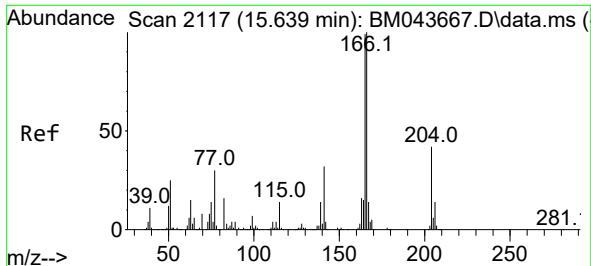
Tgt Ion:149 Resp: 917021
Ion Ratio Lower Upper
149 100
177 19.6 16.6 24.8
150 12.4 9.7 14.5



#61
Fluorene
Concen: 19.960 ng/ul
RT: 15.639 min Scan# 2117
Delta R.T. -0.000 min
Lab File: BM043670.D
Acq: 29 Dec 2023 11:21

Tgt Ion:166 Resp: 840764
Ion Ratio Lower Upper
166 100
165 97.9 76.9 115.3
167 13.5 10.9 16.3

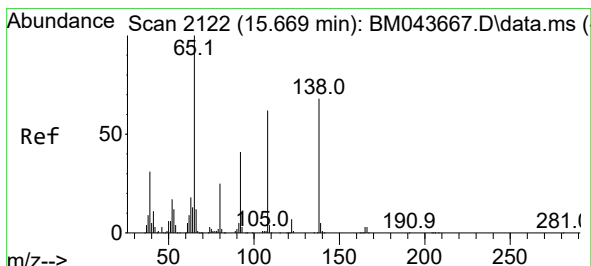
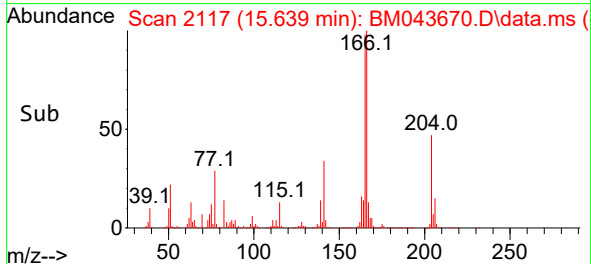
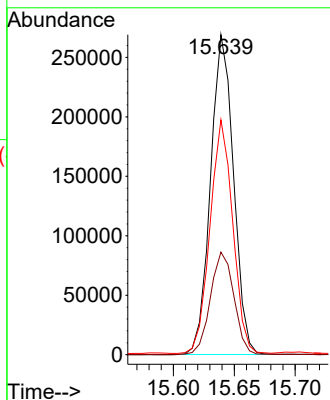
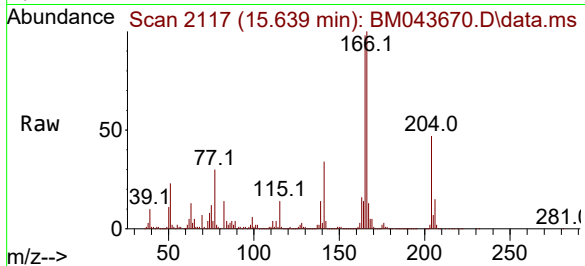




#62
4-Chlorophenyl-phenylether
Concen: 19.083 ng/ul
RT: 15.639 min Scan# 2117
Delta R.T. -0.000 min
Lab File: BM043670.D
Acq: 29 Dec 2023 11:21

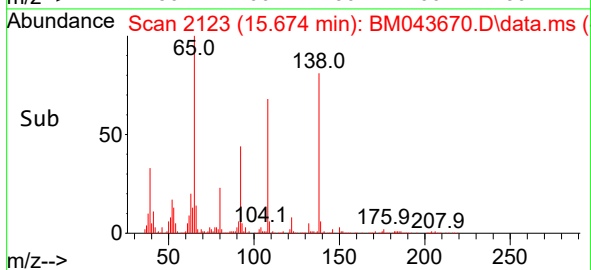
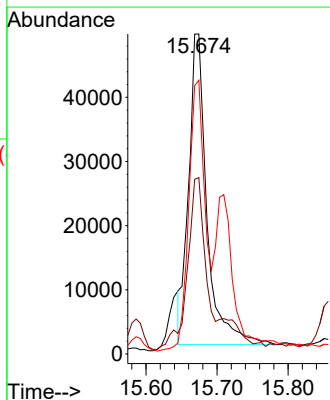
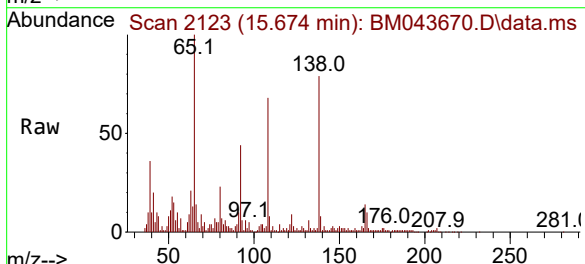
Instrument :
BNA_P
ClientSampleId :
GCF56MS

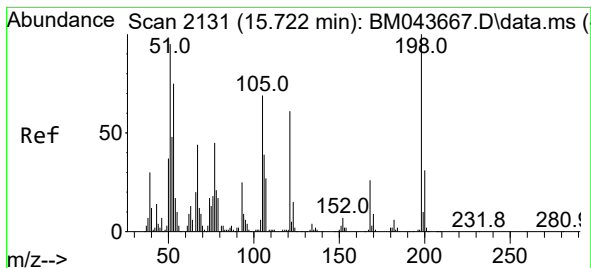
Tgt Ion:204 Resp: 353576
Ion Ratio Lower Upper
204 100
206 32.0 25.3 37.9
141 73.4 54.2 81.2



#63
4-Nitroaniline
Concen: 10.231 ng/ul
RT: 15.674 min Scan# 2123
Delta R.T. 0.006 min
Lab File: BM043670.D
Acq: 29 Dec 2023 11:21

Tgt Ion:138 Resp: 87280
Ion Ratio Lower Upper
138 100
92 55.1 43.9 65.9
108 85.5 67.0 100.6

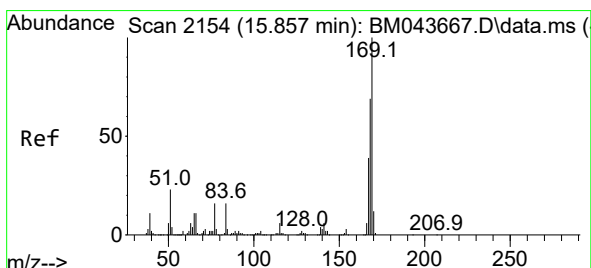
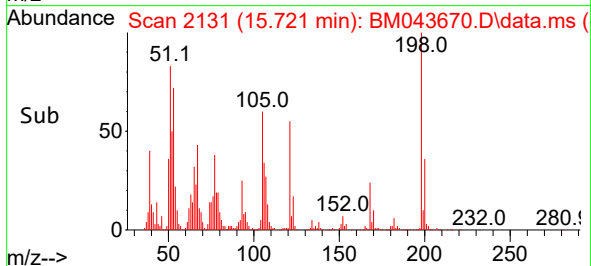
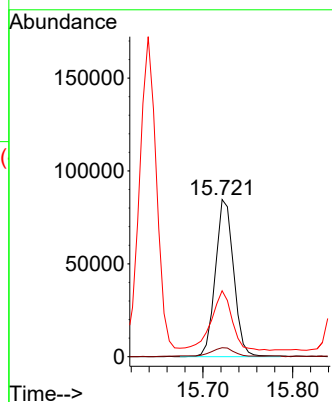
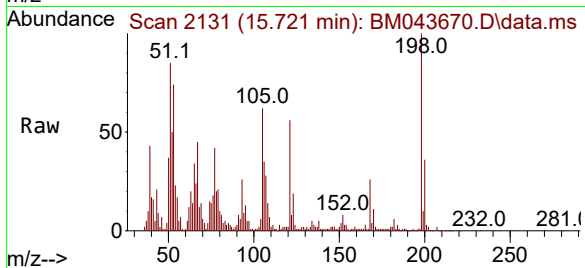




#66
4,6-Dinitro-2-methylphenol
Concen: 18.710 ng/ul
RT: 15.721 min Scan# 2131
Delta R.T. -0.000 min
Lab File: BM043670.D
Acq: 29 Dec 2023 11:21

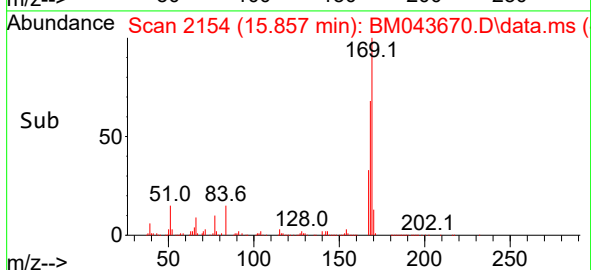
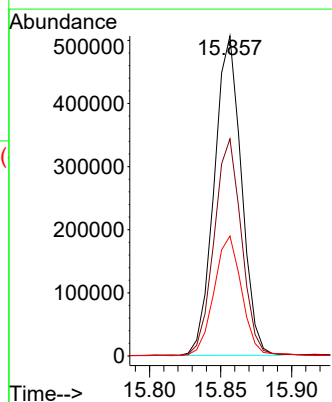
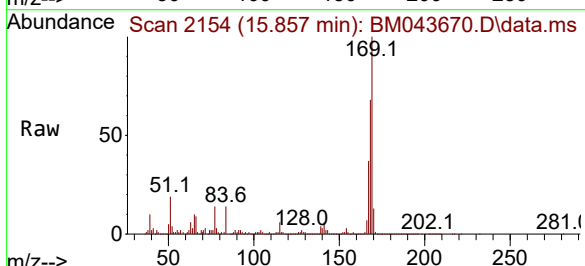
Instrument :
BNA_P
ClientSampleId :
GCF56MS

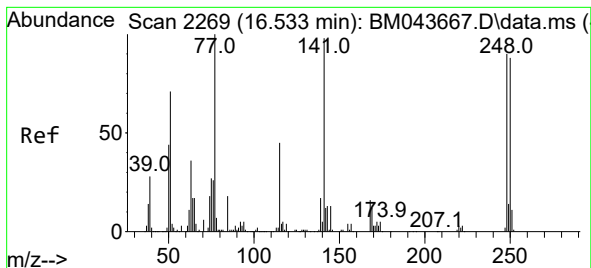
Tgt Ion:198 Resp: 119826
Ion Ratio Lower Upper
198 100
182 5.7 3.8 5.6#
77 42.0 27.6 41.4#



#67
N-Nitrosodiphenylamine
Concen: 19.341 ng/ul
RT: 15.857 min Scan# 2154
Delta R.T. -0.000 min
Lab File: BM043670.D
Acq: 29 Dec 2023 11:21

Tgt Ion:169 Resp: 673797
Ion Ratio Lower Upper
169 100
168 67.9 54.1 81.1
167 37.5 29.8 44.8

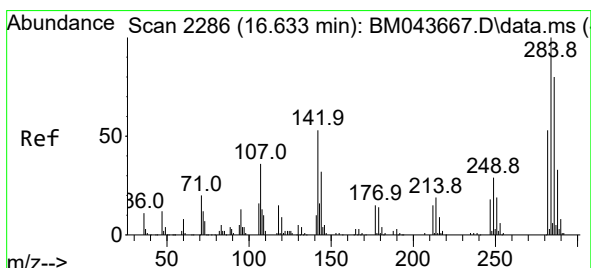
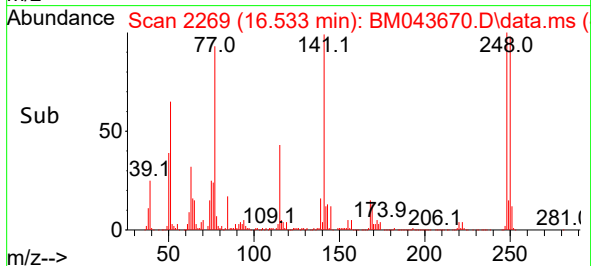
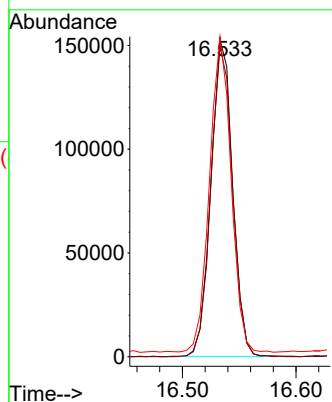
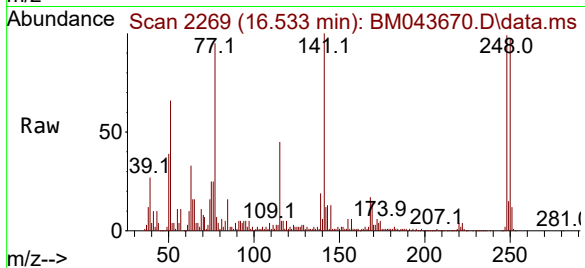




#68
4-Bromophenyl-phenylether
Concen: 18.828 ng/ul
RT: 16.533 min Scan# 21
Delta R.T. -0.000 min
Lab File: BM043670.D
Acq: 29 Dec 2023 11:21

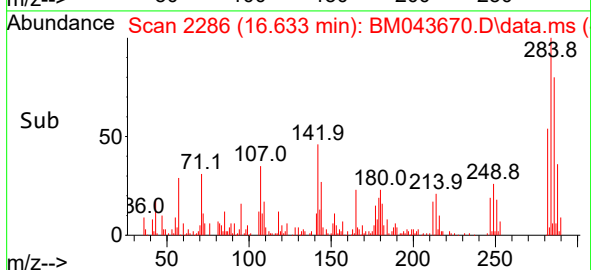
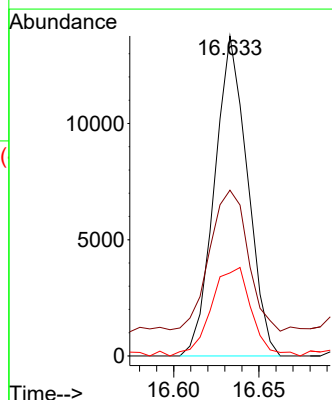
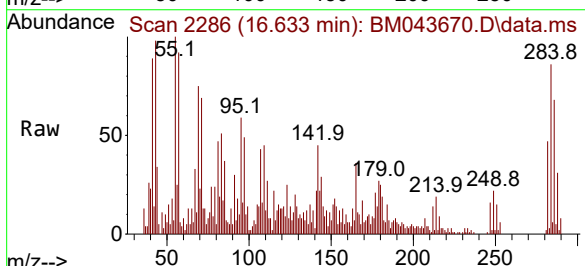
Instrument :
BNA_P
ClientSampleId :
GCF56MS

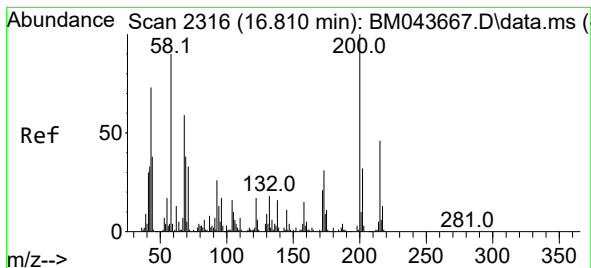
Tgt Ion:248 Resp: 202319
Ion Ratio Lower Upper
248 100
250 97.7 78.6 118.0
141 100.9 70.1 105.1



#69
Hexachlorobenzene
Concen: 1.500 ng/ul
RT: 16.633 min Scan# 2286
Delta R.T. -0.000 min
Lab File: BM043670.D
Acq: 29 Dec 2023 11:21

Tgt Ion:284 Resp: 18471
Ion Ratio Lower Upper
284 100
142 51.8 34.5 51.7#
249 28.2 23.8 35.6





#70

Atrazine

Concen: 27.274 ng/ul

RT: 16.815 min Scan# 21

Delta R.T. 0.006 min

Lab File: BM043670.D

Acq: 29 Dec 2023 11:21

Instrument :

BNA_P

ClientSampleId :

GCF56MS

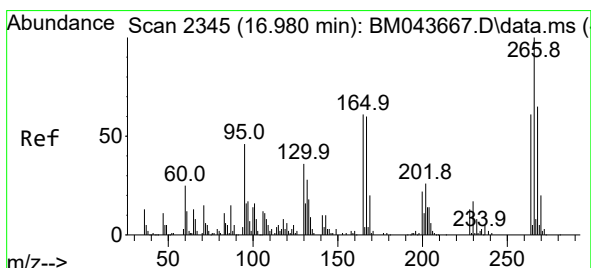
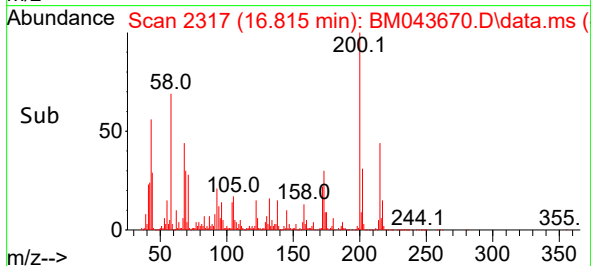
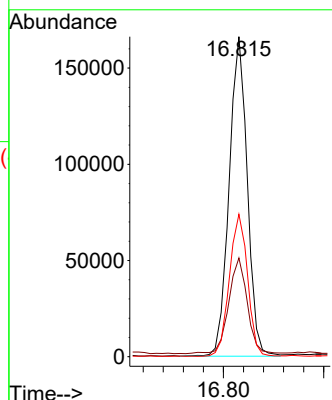
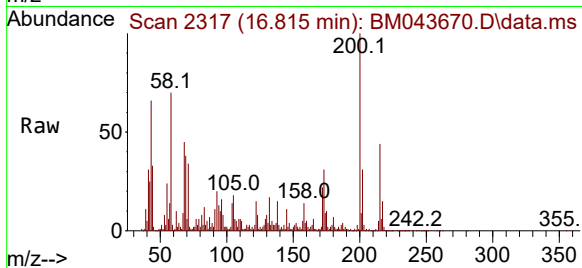
Tgt Ion:200 Resp: 208270

Ion Ratio Lower Upper

200 100

173 30.9 23.4 35.2

215 44.5 37.8 56.8



#71

Pentachlorophenol

Concen: 356.417 ng/ul

RT: 16.992 min Scan# 2347

Delta R.T. 0.012 min

Lab File: BM043670.D

Acq: 29 Dec 2023 11:21

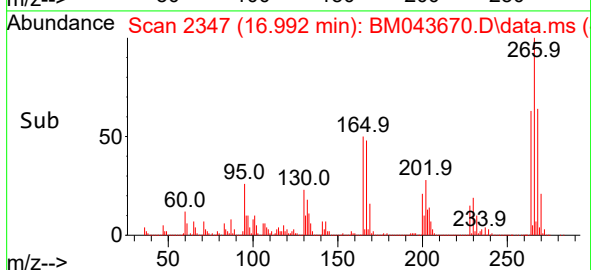
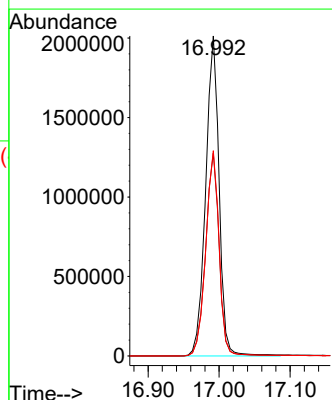
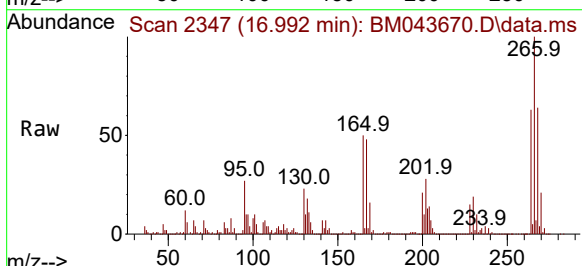
Tgt Ion:266 Resp: 2652625

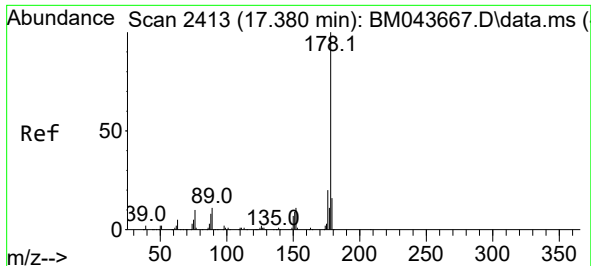
Ion Ratio Lower Upper

266 100

264 63.4 49.9 74.9

268 64.1 51.0 76.6

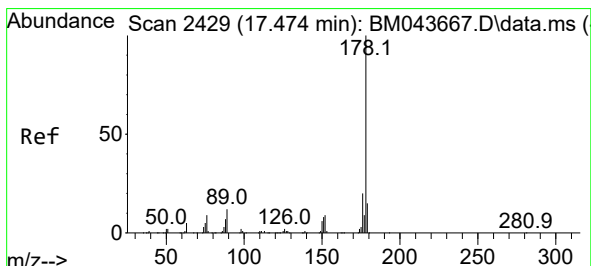
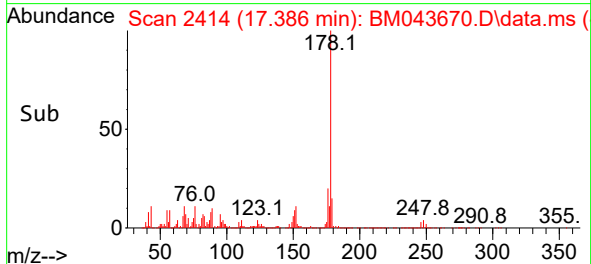
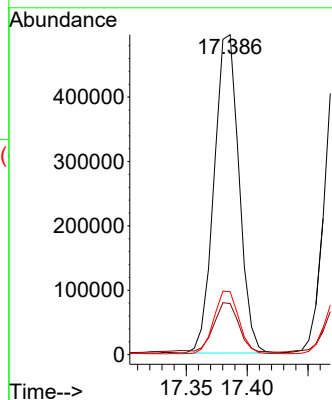
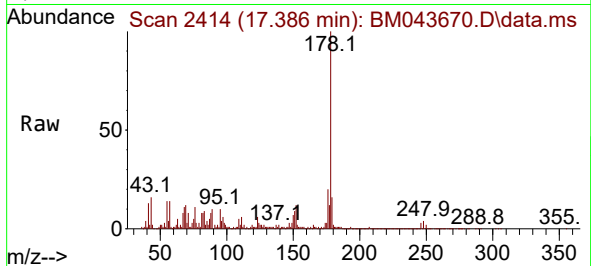




#72
Phenanthrene
Concen: 11.431 ng/ul
RT: 17.386 min Scan# 2413
Delta R.T. 0.006 min
Lab File: BM043670.D
Acq: 29 Dec 2023 11:21

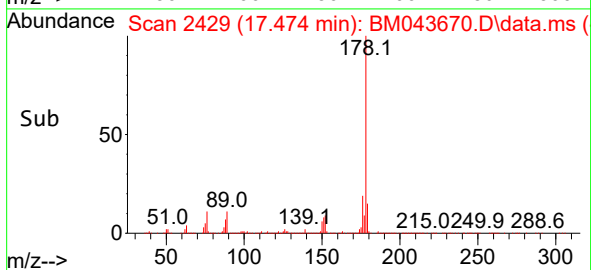
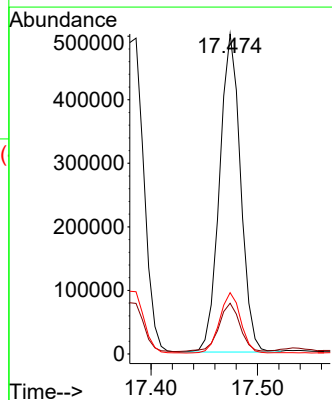
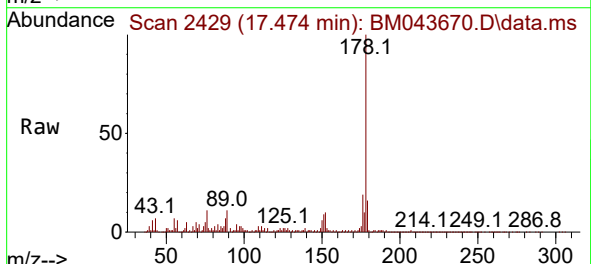
Instrument :
BNA_P
ClientSampleId :
GCF56MS

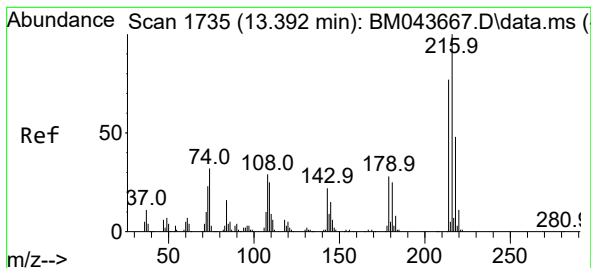
Tgt Ion:178 Resp: 702700
Ion Ratio Lower Upper
178 100
179 16.0 12.2 18.4
176 19.7 15.5 23.3



#74
Anthracene
Concen: 11.044 ng/ul
RT: 17.474 min Scan# 2429
Delta R.T. -0.000 min
Lab File: BM043670.D
Acq: 29 Dec 2023 11:21

Tgt Ion:178 Resp: 685164
Ion Ratio Lower Upper
178 100
179 15.8 12.4 18.6
176 19.2 15.2 22.8

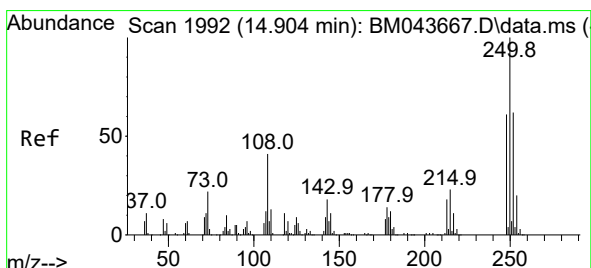
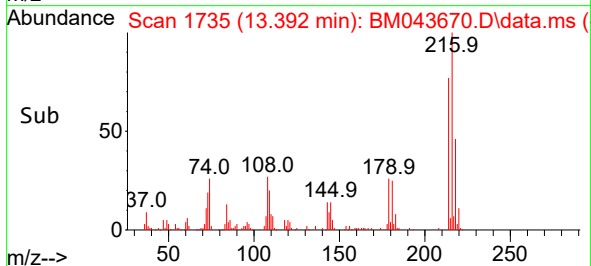
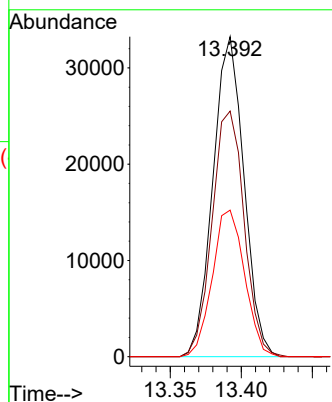
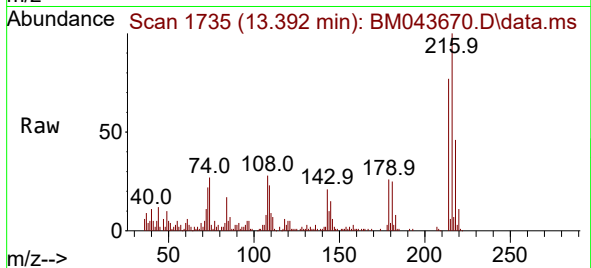




#75
1,2,3,4-Tetrachlorobenzene
Concen: 3.388 ng/uL
RT: 13.392 min Scan# 1735
Delta R.T. -0.000 min
Lab File: BM043670.D
Acq: 29 Dec 2023 11:21

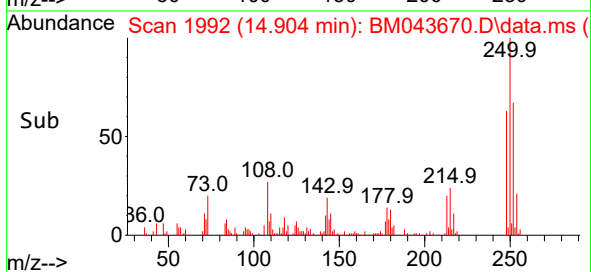
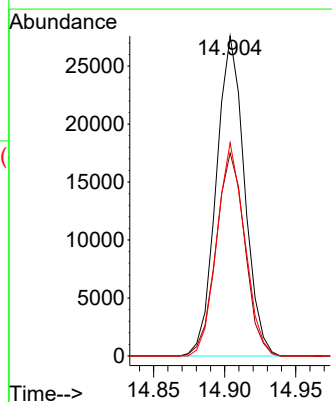
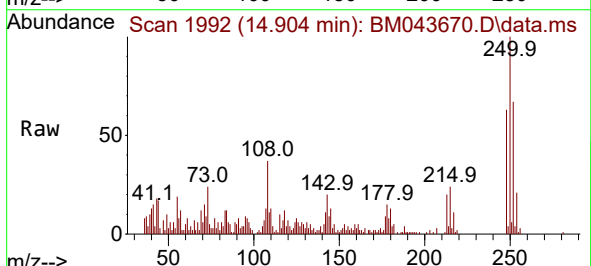
Instrument :
BNA_P
ClientSampleId :
GCF56MS

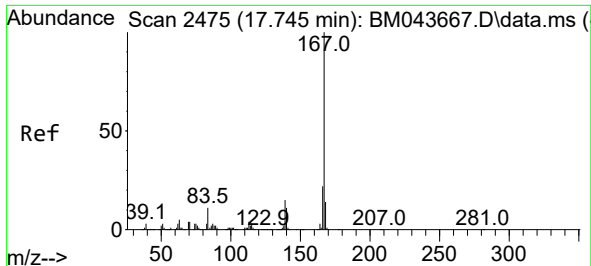
Tgt Ion:216 Resp: 50466
Ion Ratio Lower Upper
216 100
214 76.8 63.0 94.6
218 45.8 38.6 57.8



#76
Pentachlorobenzene
Concen: 2.629 ng/uL
RT: 14.904 min Scan# 1992
Delta R.T. -0.000 min
Lab File: BM043670.D
Acq: 29 Dec 2023 11:21

Tgt Ion:250 Resp: 38132
Ion Ratio Lower Upper
250 100
248 63.4 49.0 73.4
252 66.7 49.6 74.4

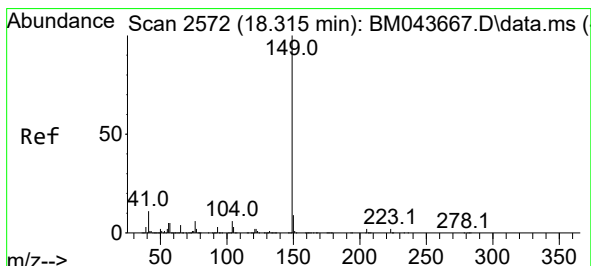
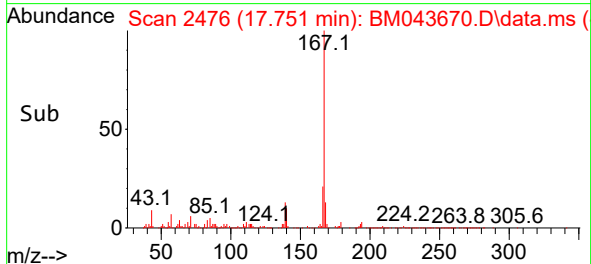
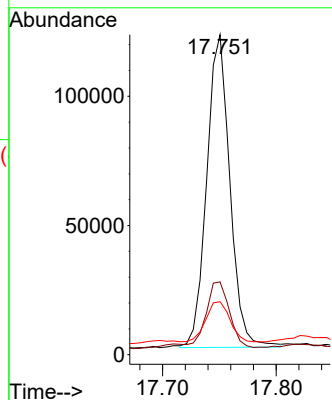
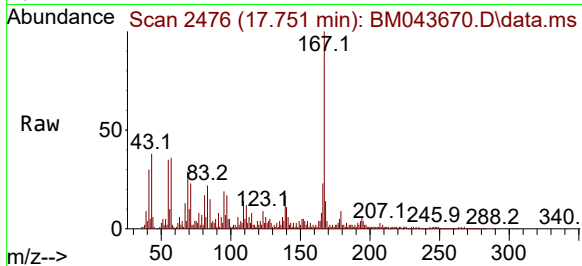




#77
 Carbazole
 Concen: 3.241 ng/ul
 RT: 17.751 min Scan# 2476
 Delta R.T. 0.006 min
 Lab File: BM043670.D
 Acq: 29 Dec 2023 11:21

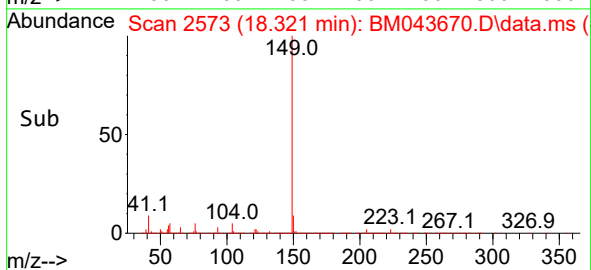
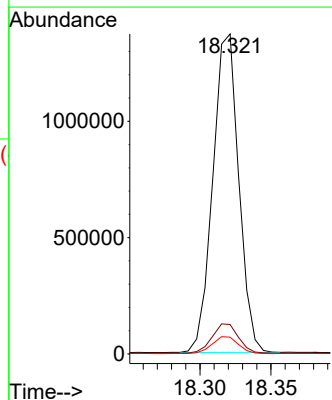
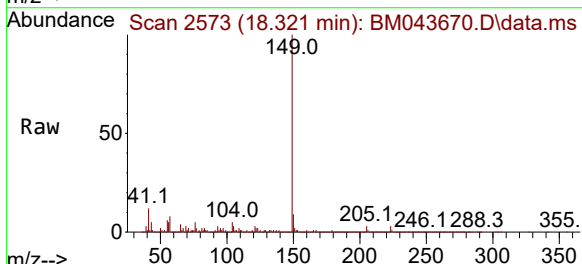
Instrument :
 BNA_P
 ClientSampleId :
 GCF56MS

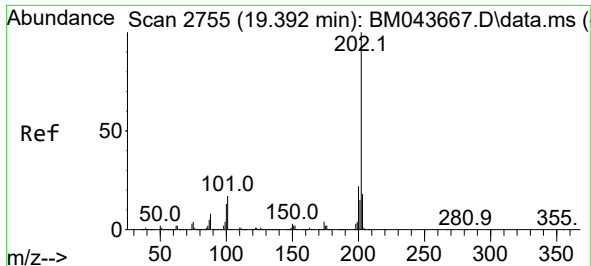
Tgt Ion:167 Resp: 171586
 Ion Ratio Lower Upper
 167 100
 166 22.7 17.3 25.9
 139 16.6 10.7 16.1#



#78
 Di-n-butylphthalate
 Concen: 25.085 ng/ul
 RT: 18.321 min Scan# 2573
 Delta R.T. 0.006 min
 Lab File: BM043670.D
 Acq: 29 Dec 2023 11:21

Tgt Ion:149 Resp: 1736444
 Ion Ratio Lower Upper
 149 100
 150 9.2 7.4 11.0
 104 5.2 4.2 6.2

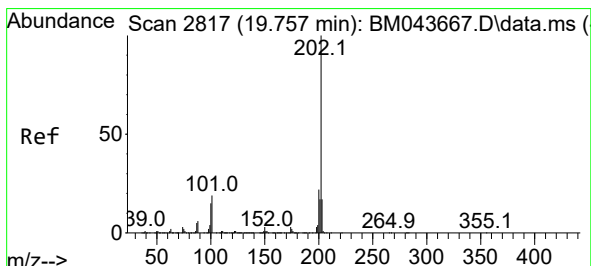
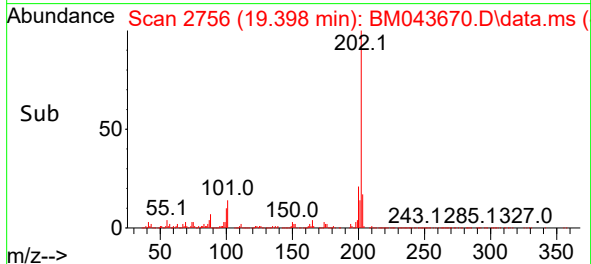
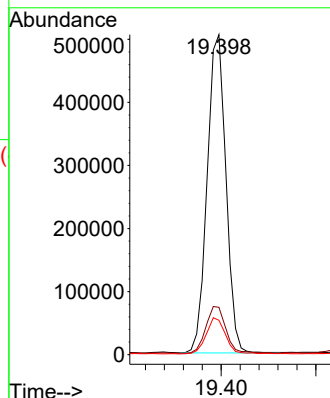
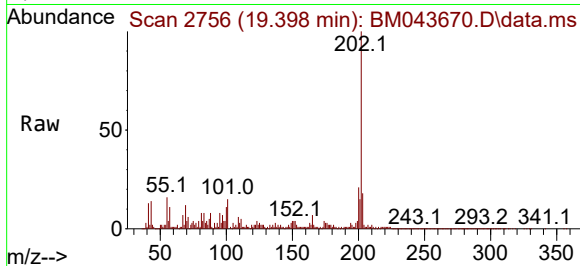




#80
Fluoranthene
Concen: 9.669 ng/ul
RT: 19.398 min Scan# 21
Delta R.T. 0.006 min
Lab File: BM043670.D
Acq: 29 Dec 2023 11:21

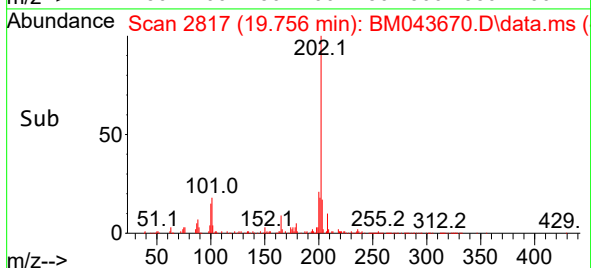
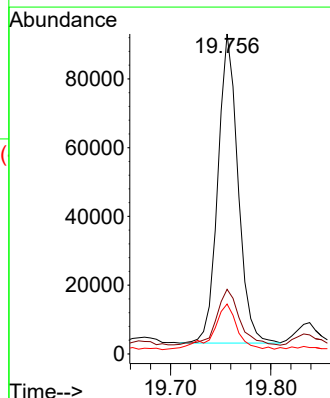
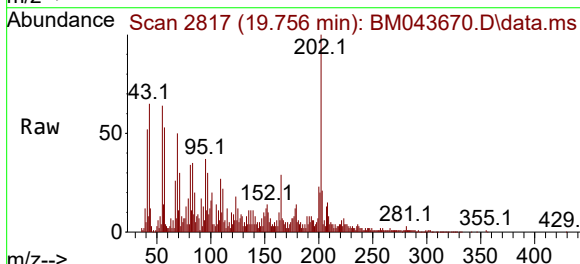
Instrument :
BNA_P
ClientSampleId :
GCF56MS

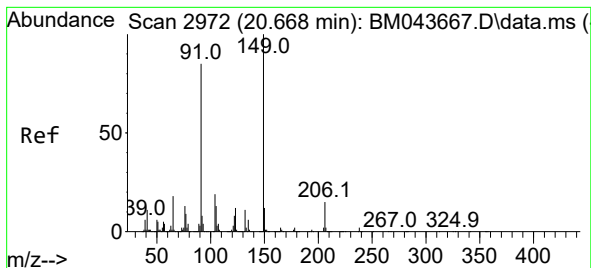
Tgt Ion:202 Resp: 692638
Ion Ratio Lower Upper
202 100
101 14.8 11.4 17.0
100 10.8 8.2 12.4



#82
Pyrene
Concen: 1.697 ng/ul
RT: 19.756 min Scan# 2817
Delta R.T. -0.000 min
Lab File: BM043670.D
Acq: 29 Dec 2023 11:21

Tgt Ion:202 Resp: 124955
Ion Ratio Lower Upper
202 100
101 20.2 12.7 19.1#
100 15.6 10.1 15.1#





#83

Butylbenzylphthalate

Concen: 25.273 ng/ul

RT: 20.668 min Scan# 2972

Delta R.T. -0.000 min

Lab File: BM043670.D

Acq: 29 Dec 2023 11:21

Instrument :

BNA_P

ClientSampleId :

GCF56MS

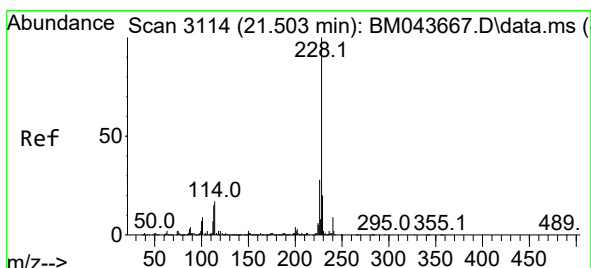
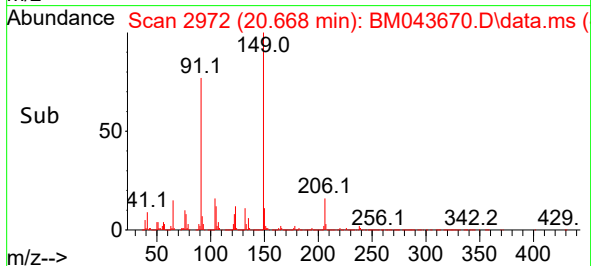
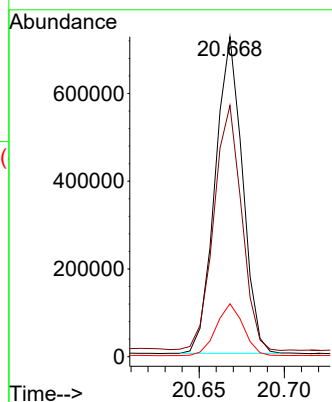
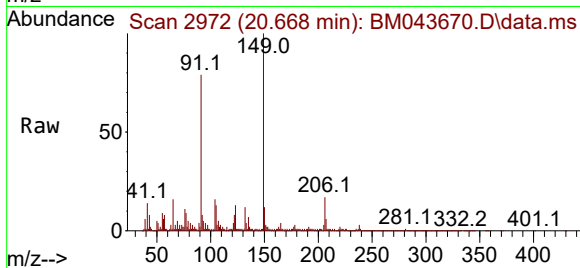
Tgt Ion:149 Resp: 804710

Ion Ratio Lower Upper

149 100

91 78.5 60.5 90.7

206 16.6 13.9 20.9



#85

Benzo(a)anthracene

Concen: 12.000 ng/ul

RT: 21.509 min Scan# 3115

Delta R.T. 0.006 min

Lab File: BM043670.D

Acq: 29 Dec 2023 11:21

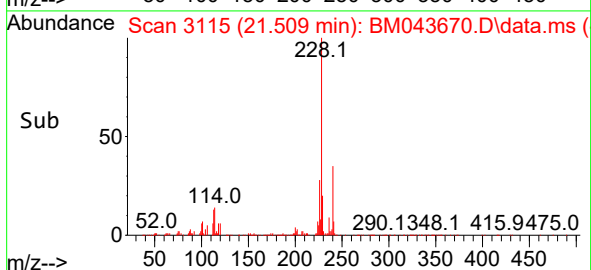
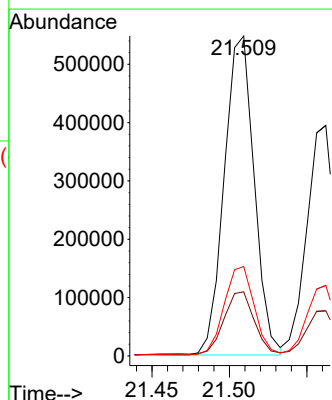
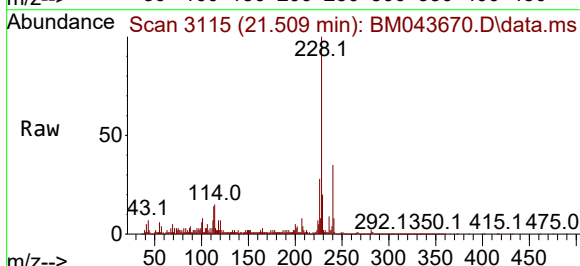
Tgt Ion:228 Resp: 735226

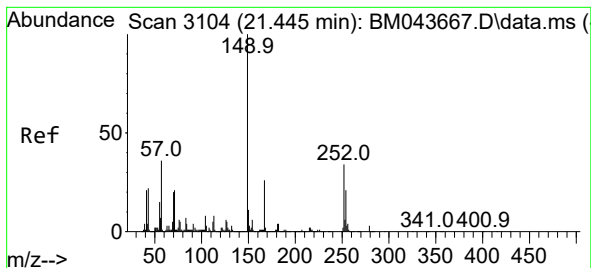
Ion Ratio Lower Upper

228 100

229 20.0 15.6 23.4

226 27.9 22.2 33.2

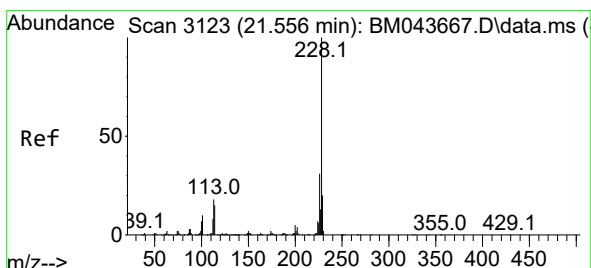
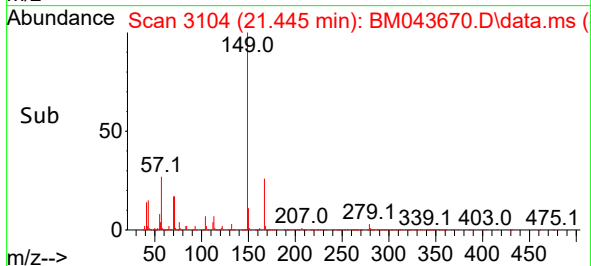
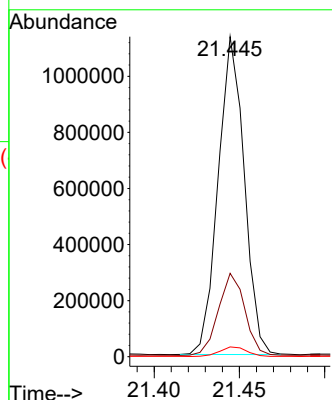
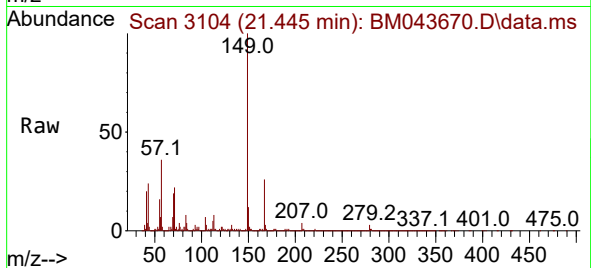




#86
 Bis(2-ethylhexyl)phthalate
 Concen: 26.633 ng/ul
 RT: 21.445 min Scan# 3104
 Delta R.T. -0.000 min
 Lab File: BM043670.D
 Acq: 29 Dec 2023 11:21

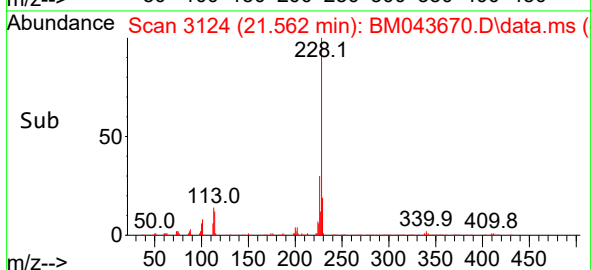
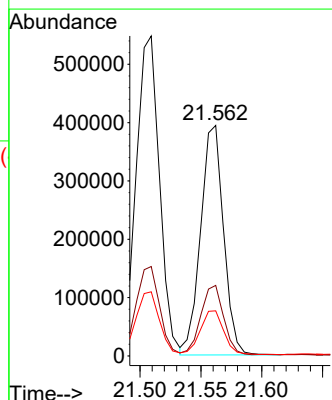
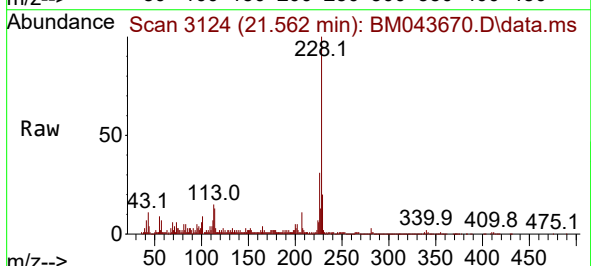
Instrument :
 BNA_P
 ClientSampleId :
 GCF56MS

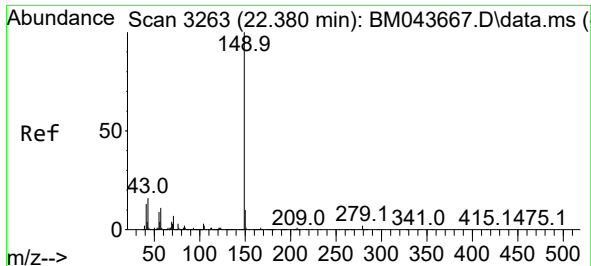
Tgt Ion:149 Resp: 1207290
 Ion Ratio Lower Upper
 149 100
 167 26.0 21.6 32.4
 279 3.1 2.8 4.2



#87
 Chrysene
 Concen: 9.338 ng/ul
 RT: 21.562 min Scan# 3124
 Delta R.T. 0.006 min
 Lab File: BM043670.D
 Acq: 29 Dec 2023 11:21

Tgt Ion:228 Resp: 514729
 Ion Ratio Lower Upper
 228 100
 226 30.6 24.2 36.2
 229 19.6 15.9 23.9

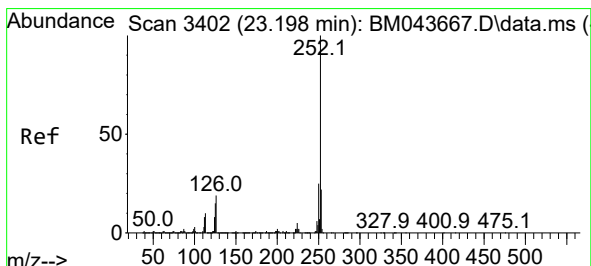
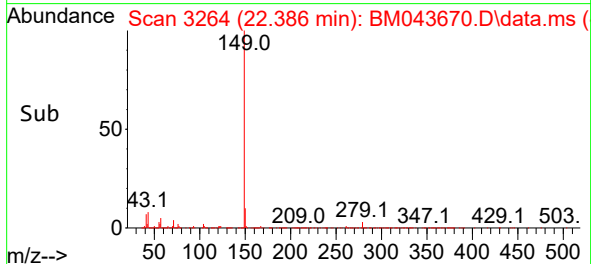
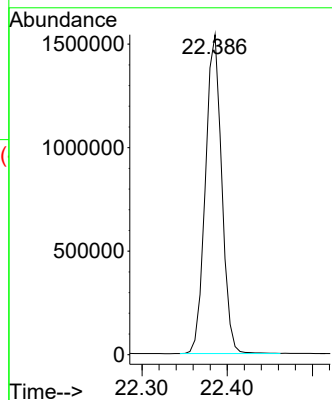
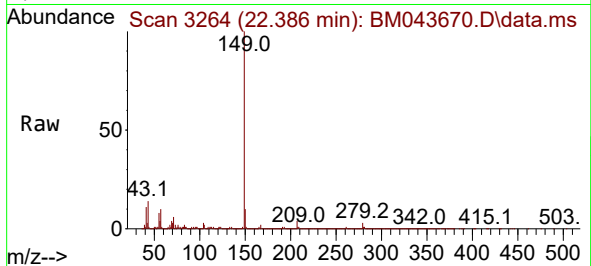




#89
Di-n-octyl phthalate
Concen: 26.485 ng/ul
RT: 22.386 min Scan# 31
Delta R.T. 0.006 min
Lab File: BM043670.D
Acq: 29 Dec 2023 11:21

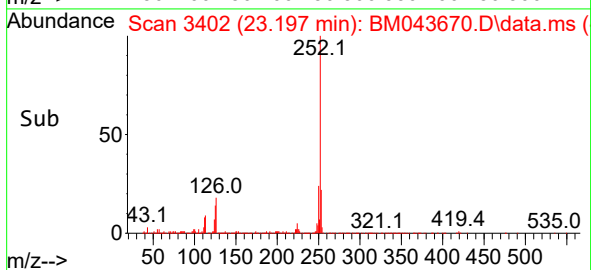
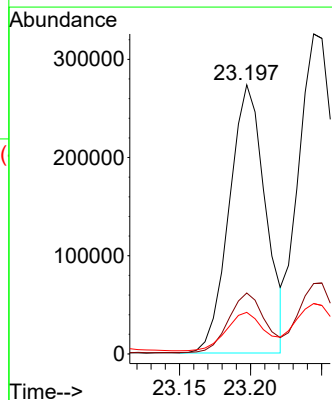
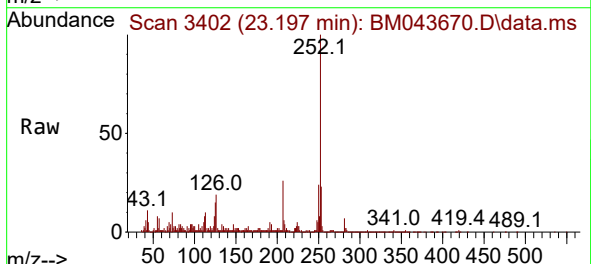
Instrument :
BNA_P
ClientSampleId :
GCF56MS

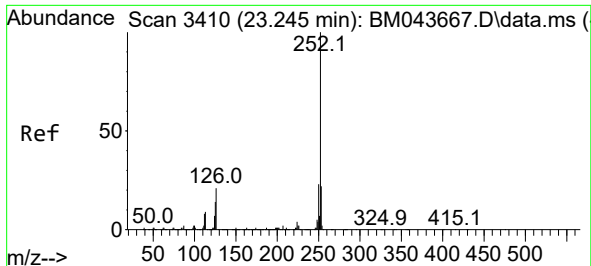
Tgt Ion:149 Resp: 2044185



#90
Benzo(b)fluoranthene
Concen: 7.839 ng/ul
RT: 23.197 min Scan# 3402
Delta R.T. -0.000 min
Lab File: BM043670.D
Acq: 29 Dec 2023 11:21

Tgt Ion:252 Resp: 484664
Ion Ratio Lower Upper
252 100
253 22.6 17.4 26.2
125 15.5 10.4 15.6

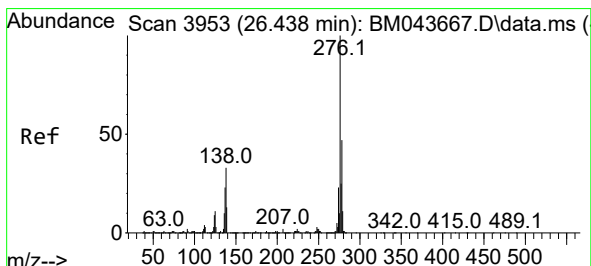
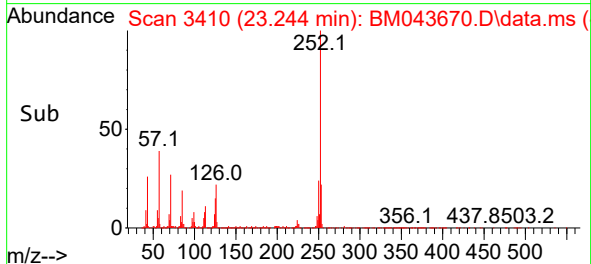
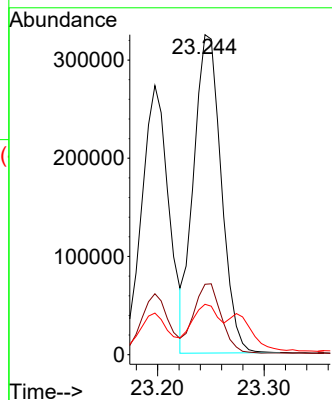
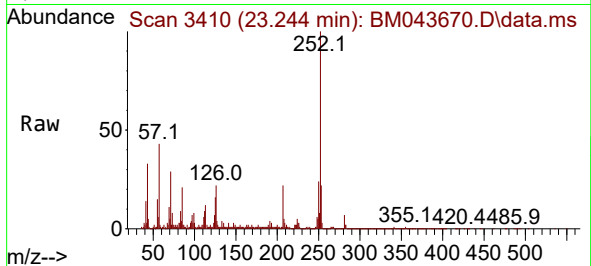




#91
Benzo(k)fluoranthene
Concen: 9.666 ng/ul
RT: 23.244 min Scan# 3410
Delta R.T. -0.000 min
Lab File: BM043670.D
Acq: 29 Dec 2023 11:21

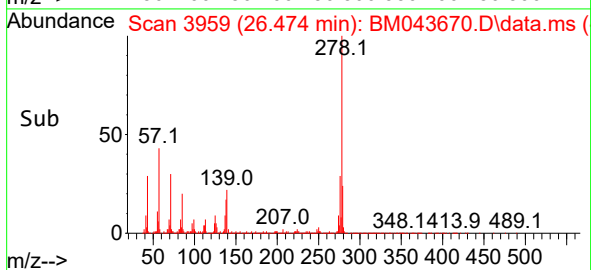
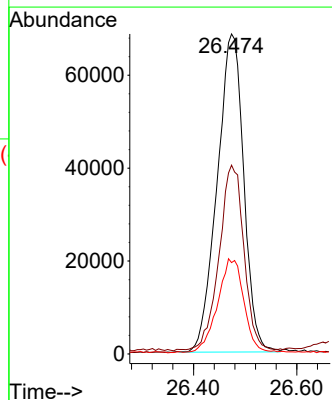
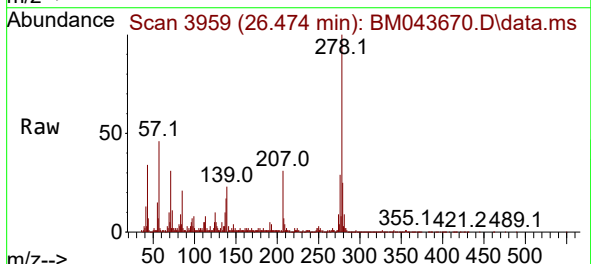
Instrument :
BNA_P
ClientSampleId :
GCF56MS

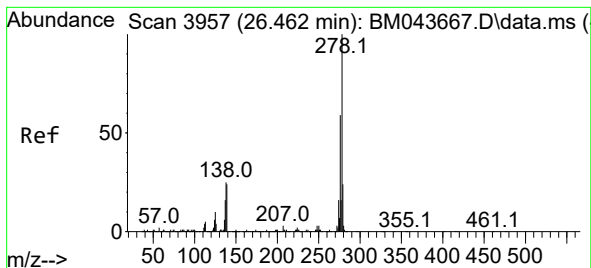
Tgt Ion:252 Resp: 582932
Ion Ratio Lower Upper
252 100
253 22.0 17.5 26.3
125 15.8 10.2 15.4#



#94
Indeno(1,2,3-cd)pyrene
Concen: 3.630 ng/ul
RT: 26.474 min Scan# 3959
Delta R.T. 0.035 min
Lab File: BM043670.D
Acq: 29 Dec 2023 11:21

Tgt Ion:276 Resp: 244507
Ion Ratio Lower Upper
276 100
138 59.0 22.6 34.0#
277 28.5 19.7 29.5





#95

Dibenzo(a,h)anthracene

Concen: 13.246 ng/ul

RT: 26.479 min Scan# 3957

Delta R.T. 0.017 min

Lab File: BM043670.D

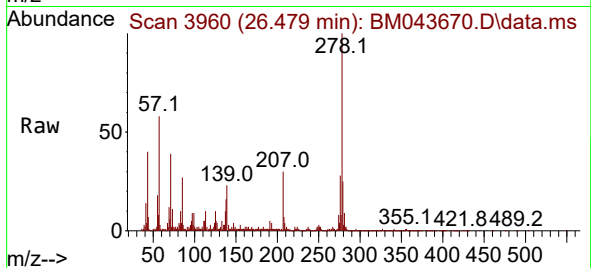
Acq: 29 Dec 2023 11:21

Instrument :

BNA_P

ClientSampleId :

GCF56MS



Tgt Ion:278 Resp: 738806

Ion Ratio Lower Upper

278 100

139 23.1 16.0 24.0

279 24.6 19.4 29.0

