

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM040624\
 Data File : BM045002.D
 Acq On : 07 Apr 2024 11:11
 Operator : MA/JU
 Sample : PB160034BS
 Misc :
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Apr 08 05:55:11 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM040524.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Apr 08 05:51:38 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.628	152	61708	20.000	ng/ul	0.00
20) Naphthalene-d8	10.404	136	278126	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.280	164	176855	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.039	188	364708	20.000	ng/ul	0.00
79) Chrysene-d12	21.244	240	362906	20.000	ng/ul	0.00
88) Perylene-d12	23.468	264	414464	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.210	96	12087	7.314	ng/uL	0.00
4) Pyridine-d5	3.604	84	178997	39.832	ng/ul	0.00
7) Phenol-d5	6.810	99	225210	43.050	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.987	67	131575	42.216	ng/ul	0.00
11) 2-Chlorophenol-d4	7.163	132	184566	45.033	ng/ul	0.00
15) 4-Methylphenol-d8	8.339	113	183545	44.824	ng/ul	0.00
21) Nitrobenzene-d5	8.792	128	89568	41.925	ng/ul	0.00
24) 2-Nitrophenol-d4	9.504	143	101022	44.801	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.033	165	183055	44.277	ng/ul	0.00
31) 4-Chloroaniline-d4	10.557	131	259389	39.408	ng/ul	0.00
46) Dimethylphthalate-d6	13.704	166	517864	42.055	ng/ul	0.00
49) Acenaphthylene-d8	13.968	160	624622	42.937	ng/ul	0.00
54) 4-Nitrophenol-d4	14.515	143	103339	40.211	ng/ul	0.00
60) Fluorene-d10	15.280	176	464709	42.330	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.421	200	82795	38.288	ng/ul	0.00
73) Anthracene-d10	17.139	188	732829	44.667	ng/ul	0.00
81) Pyrene-d10	19.445	212	848039	47.458	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.327	264	916220	45.315	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.240	88	24098	13.963	ng/uL	89
5) Pyridine	3.622	79	174180	36.581	ng/ul	99
6) Benzaldehyde	6.792	77	98235	40.508	ng/ul	98
8) Phenol	6.840	94	229298	42.327	ng/ul	95
10) Bis(2-Chloroethyl)ether	7.075	93	175894	41.604	ng/ul	95
12) 2-Chlorophenol	7.198	128	186184	43.293	ng/ul	99
13) 2-Methylphenol	8.075	108	167472	41.882	ng/ul	96
14) 2,2'-oxybis(1-Chloropr...	8.151	45	209899	41.625	ng/ul	97
16) Acetophenone	8.457	105	271619	40.800	ng/ul	97
17) N-Nitroso-di-n-propyla...	8.445	70	136059	43.285	ng/ul	96
18) 4-Methylphenol	8.404	108	180647	41.915	ng/ul	99
19) Hexachloroethane	8.681	117	80136	42.367	ng/ul	96
22) Nitrobenzene	8.834	77	210734	40.205	ng/ul	98
23) Isophorone	9.357	82	381441	39.609	ng/ul	99
25) 2-Nitrophenol	9.533	139	103607	41.397	ng/ul	94
26) 2,4-Dimethylphenol	9.598	107	189124	39.195	ng/ul	100
27) Bis(2-Chloroethoxy)met...	9.839	93	230385	40.355	ng/ul	98
29) 2,4-Dichlorophenol	10.063	162	174787	41.846	ng/ul	98
30) Naphthalene	10.457	128	582375	39.555	ng/ul	99
32) 4-Chloroaniline	10.586	127	219061	34.203	ng/ul	99
33) Hexachlorobutadiene	10.722	225	103630	39.903	ng/ul	95
34) Caprolactam	11.386	113	37135	26.334	ng/ul	87
35) 4-Chloro-3-methylphenol	11.716	107	183055	44.086	ng/ul	100
36) 2-Methylnaphthalene	12.074	142	389575	40.525	ng/ul	99

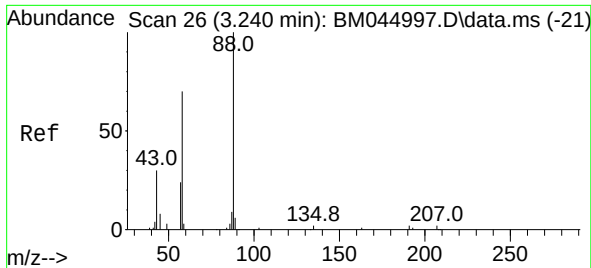
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 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Apr 08 05:51:38 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.298	142	390100	40.100	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.445	216	198624	41.066	ng/ul	99
40) Hexachlorocyclopentadiene	12.410	237	95294	32.547	ng/ul	98
41) 2,4,6-Trichlorophenol	12.704	196	133430	42.290	ng/ul	99
42) 2,4,5-Trichlorophenol	12.774	196	149562	43.022	ng/ul	97
43) 1,1'-Biphenyl	13.104	154	505988	40.516	ng/ul	99
44) 2-Chloronaphthalene	13.145	162	414430	40.846	ng/ul	97
45) 2-Nitroaniline	13.374	65	122671	43.799	ng/ul	99
47) Dimethylphthalate	13.751	163	515076	40.019	ng/ul	100
48) 2,6-Dinitrotoluene	13.880	165	105711	41.904	ng/ul	91
50) Acenaphthylene	13.998	152	698439	41.108	ng/ul	99
51) 3-Nitroaniline	14.216	138	113028	41.074	ng/ul	96
52) Acenaphthene	14.345	153	462433	40.789	ng/ul	99
53) 2,4-Dinitrophenol	14.427	184	51812	34.545	ng/ul	99
55) 4-Nitrophenol	14.527	109	85160	37.679	ng/ul	93
56) Dibenzofuran	14.680	168	627933	40.475	ng/ul	98
57) 2,4-Dinitrotoluene	14.674	165	161192	42.687	ng/ul	100
58) 2,3,4,6-Tetrachlorophenol	14.915	232	117460	39.479	ng/ul	95
59) Diethylphthalate	15.127	149	532494	40.553	ng/ul	99
61) Fluorene	15.339	166	529859	40.522	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.339	204	250528	40.877	ng/ul	98
63) 4-Nitroaniline	15.386	138	106575	42.599	ng/ul	89
66) 4,6-Dinitro-2-methylph...	15.439	198	87185	37.648	ng/ul#	93
67) N-Nitrosodiphenylamine	15.557	169	429596	43.665	ng/ul	100
68) 4-Bromophenyl-phenylether	16.233	248	155589	43.803	ng/ul	95
69) Hexachlorobenzene	16.333	284	196060	42.433	ng/ul	96
70) Atrazine	16.521	200	77506	21.417	ng/ul	98
71) Pentachlorophenol	16.686	266	104672	37.294	ng/ul	99
72) Phenanthrene	17.080	178	824201	41.995	ng/ul	99
74) Anthracene	17.174	178	847492	42.214	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.063	216	197244	42.910	ng/uL	99
76) Pentachlorobenzene	14.592	250	209059	42.745	ng/uL	98
77) Carbazole	17.456	167	779904	40.288	ng/ul	99
78) Di-n-butylphthalate	18.021	149	979576	44.870	ng/ul	100
80) Fluoranthene	19.109	202	970052	46.026	ng/ul	99
82) Pyrene	19.474	202	1029731	45.275	ng/ul	99
83) Butylbenzylphthalate	20.397	149	463729	48.665	ng/ul	100
84) 3,3'-Dichlorobenzidine	21.174	252	328013	40.650	ng/ul	97
85) Benzo(a)anthracene	21.233	228	1046882	42.515	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.174	149	743722	49.930	ng/ul	99
87) Chrysene	21.286	228	964685	42.025	ng/ul	99
89) Di-n-octyl phthalate	22.056	149	1232419	47.260	ng/ul	100
90) Benzo(b)fluoranthene	22.803	252	1068909	44.249	ng/ul	99
91) Benzo(k)fluoranthene	22.850	252	1103570	45.388	ng/ul	98
93) Benzo(a)pyrene	23.374	252	1029050	43.771	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	25.703	276	1297422	42.603	ng/ul	98
95) Dibenzo(a,h)anthracene	25.715	278	1092072	42.891	ng/ul	99
96) Benzo(g,h,i)perylene	26.385	276	1016282	42.301	ng/ul	98

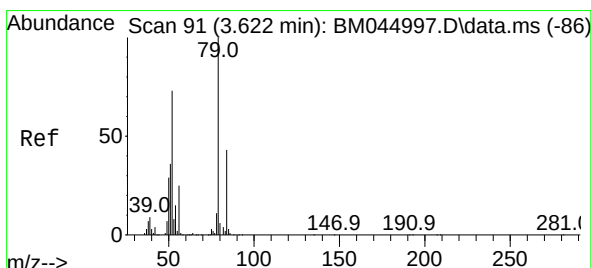
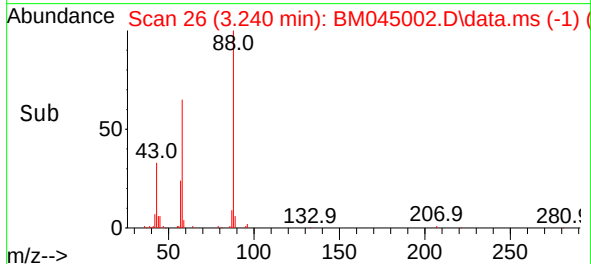
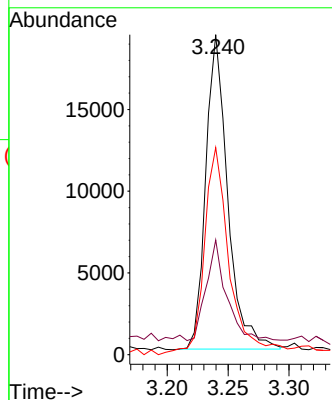
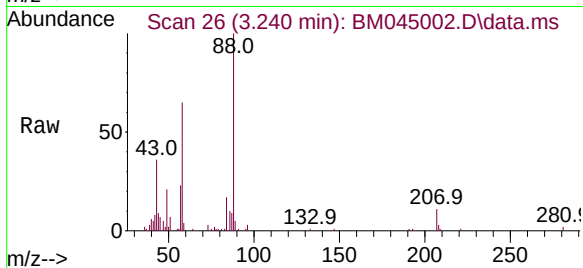
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
1,4-Dioxane
Concen: 13.963 ng/uL
RT: 3.240 min Scan# 20
Delta R.T. 0.000 min
Lab File: BM045002.D
Acq: 07 Apr 2024 11:11

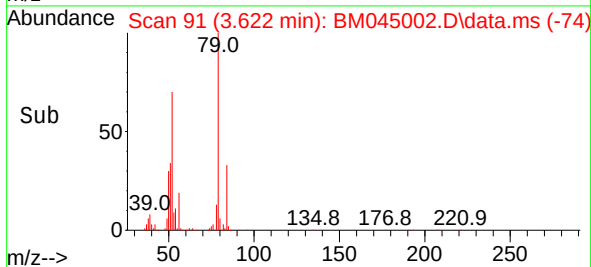
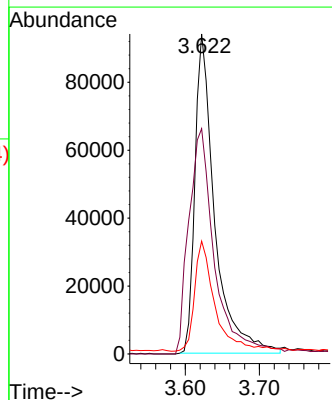
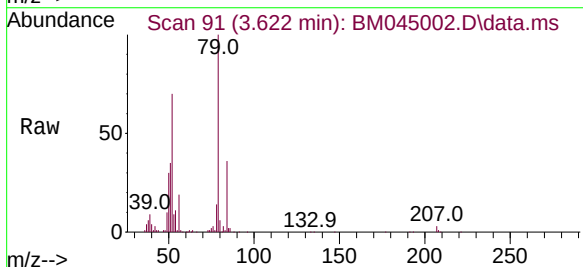
Instrument :
BNA_M
ClientSampleId :

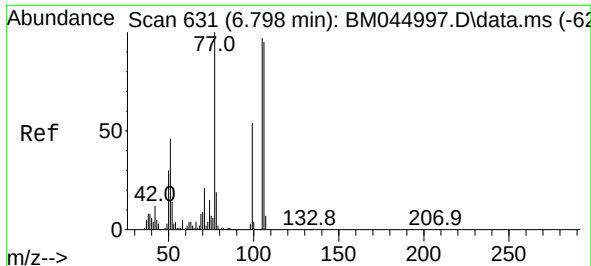
Tgt Ion	Ratio	Lower	Upper
88	100		
43	35.8	24.0	36.0
58	64.7	45.4	68.2



#5
Pyridine
Concen: 36.581 ng/uL
RT: 3.622 min Scan# 91
Delta R.T. 0.000 min
Lab File: BM045002.D
Acq: 07 Apr 2024 11:11

Tgt Ion	Ratio	Lower	Upper
79	100		
52	70.4	56.0	84.0
51	35.3	27.6	41.4

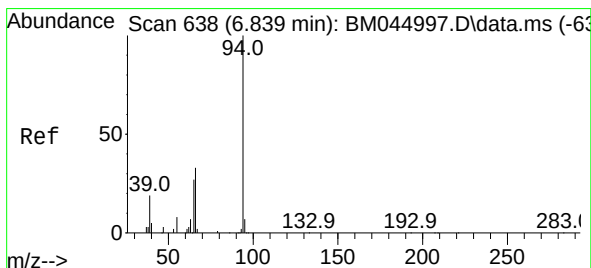
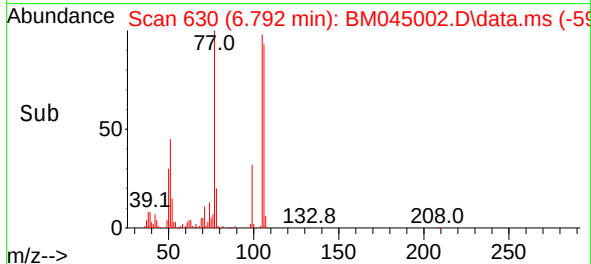
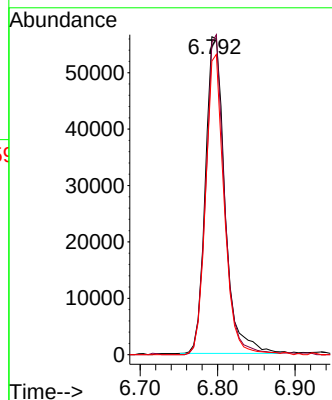
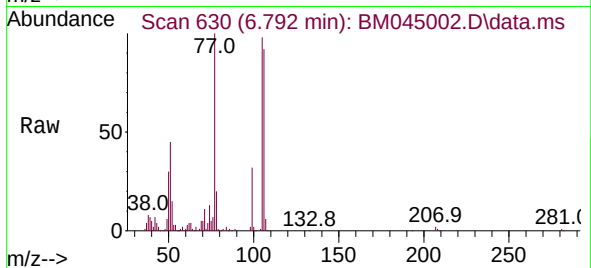




#6
Benzaldehyde
Concen: 40.508 ng/ul
RT: 6.792 min Scan# 631
Delta R.T. -0.006 min
Lab File: BM045002.D
Acq: 07 Apr 2024 11:11

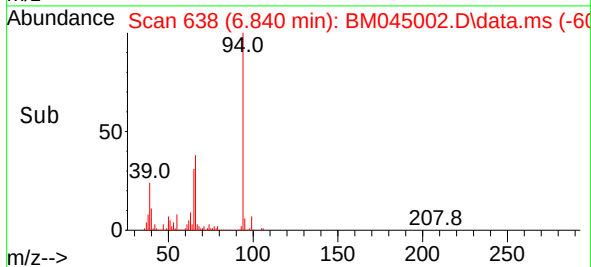
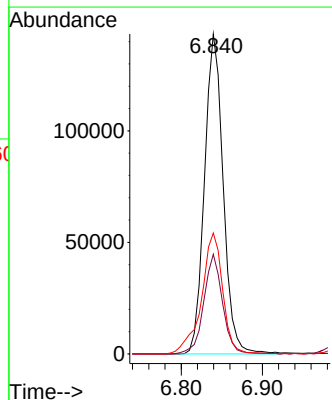
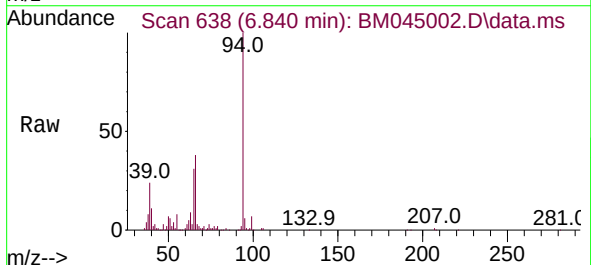
Instrument :
BNA_M
ClientSampleId :

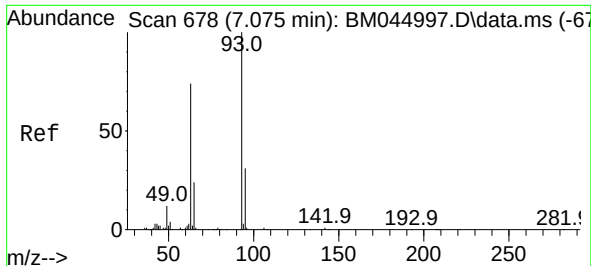
Tgt Ion: 77 Resp: 98235
Ion Ratio Lower Upper
77 100
105 98.1 75.8 113.6
106 92.4 74.6 112.0



#8
Phenol
Concen: 42.327 ng/ul
RT: 6.840 min Scan# 638
Delta R.T. 0.000 min
Lab File: BM045002.D
Acq: 07 Apr 2024 11:11

Tgt Ion: 94 Resp: 229298
Ion Ratio Lower Upper
94 100
65 31.1 21.7 32.5
66 37.8 31.9 47.9





#10

Bis(2-Chloroethyl)ether

Concen: 41.604 ng/ul

RT: 7.075 min Scan# 678

Delta R.T. 0.000 min

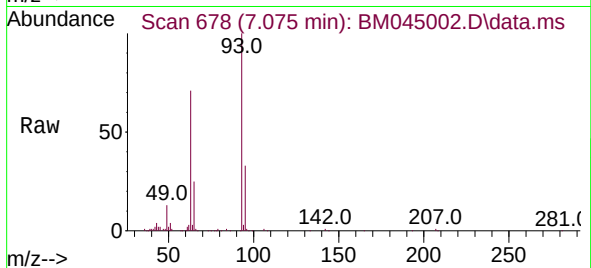
Lab File: BM045002.D

Acq: 07 Apr 2024 11:11

Instrument :

BNA_M

ClientSampleId :



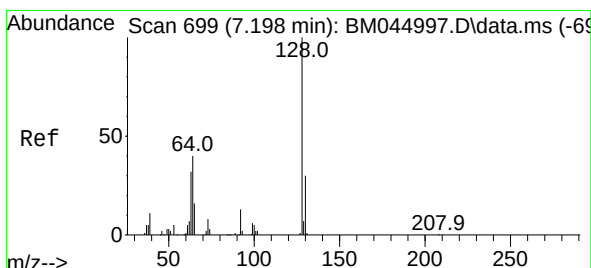
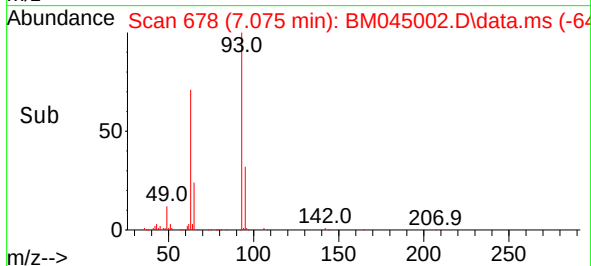
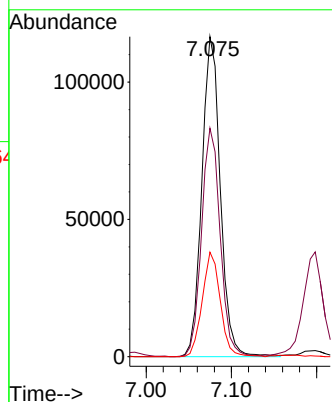
Tgt Ion: 93 Resp: 175894

Ion Ratio Lower Upper

93 100

63 71.4 61.3 91.9

95 32.6 27.6 41.4



#12

2-Chlorophenol

Concen: 43.293 ng/ul

RT: 7.198 min Scan# 699

Delta R.T. 0.000 min

Lab File: BM045002.D

Acq: 07 Apr 2024 11:11

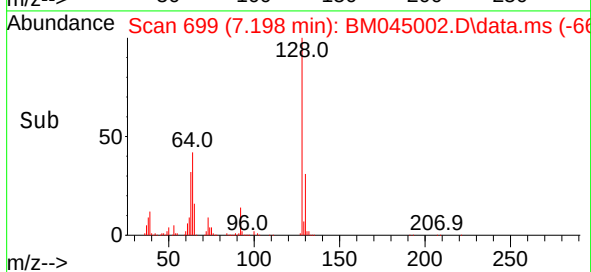
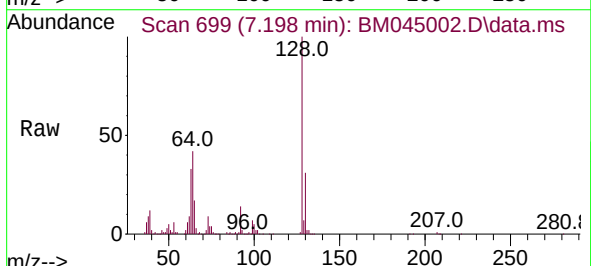
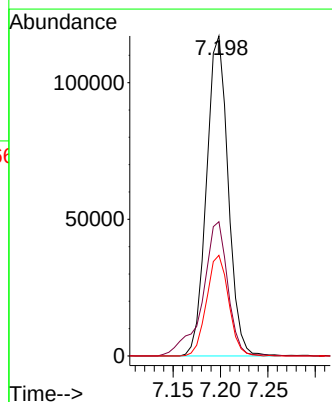
Tgt Ion: 128 Resp: 186184

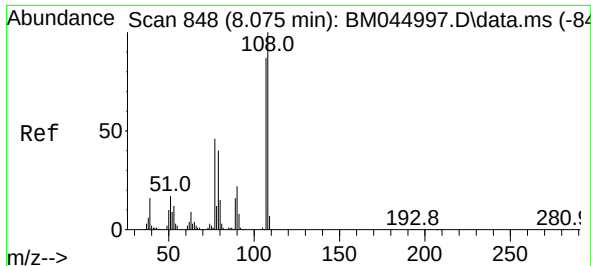
Ion Ratio Lower Upper

128 100

64 41.9 33.3 49.9

130 31.4 26.2 39.4





#13

2-Methylphenol

Concen: 41.882 ng/ul

RT: 8.075 min Scan# 848

Delta R.T. 0.000 min

Lab File: BM045002.D

Acq: 07 Apr 2024 11:11

Instrument :

BNA_M

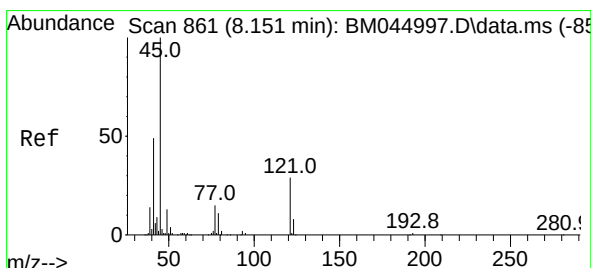
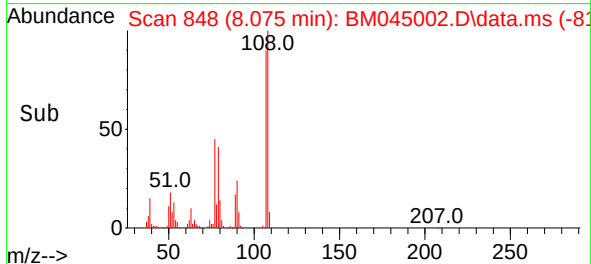
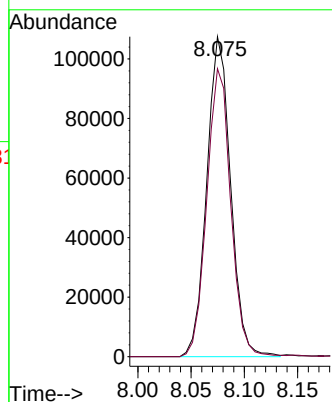
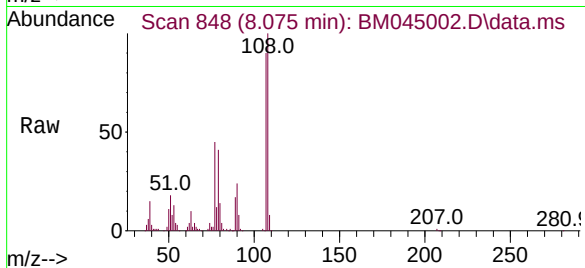
ClientSampleId :

Tgt Ion:108 Resp: 167472

Ion Ratio Lower Upper

108 100

107 90.0 69.1 103.7



#14

2,2'-oxybis(1-Chloropropane)

Concen: 41.625 ng/ul

RT: 8.151 min Scan# 861

Delta R.T. 0.000 min

Lab File: BM045002.D

Acq: 07 Apr 2024 11:11

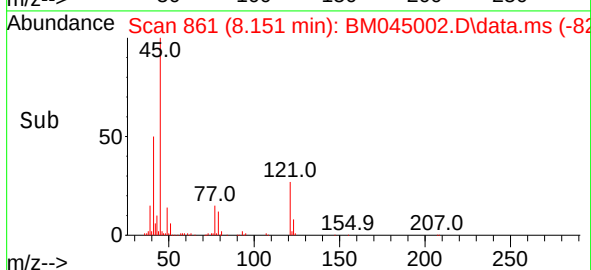
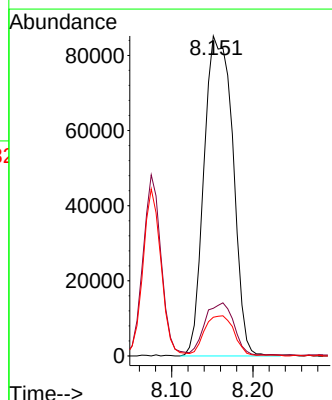
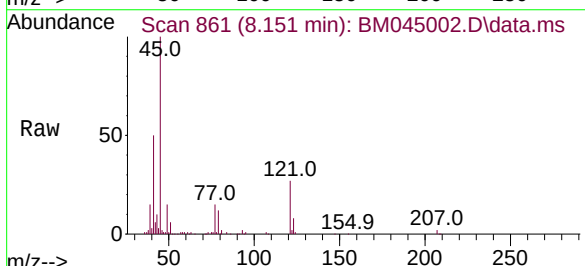
Tgt Ion: 45 Resp: 209899

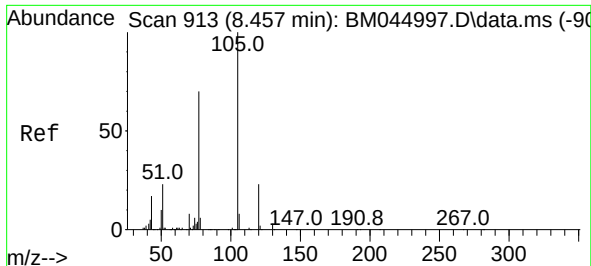
Ion Ratio Lower Upper

45 100

77 14.9 13.4 20.0

79 12.1 10.1 15.1

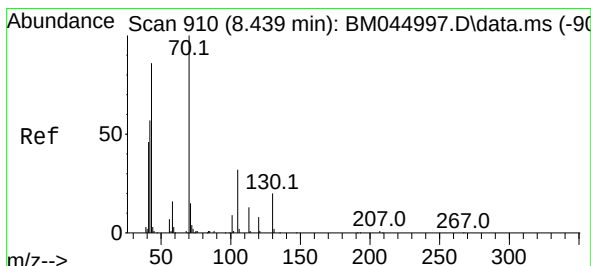
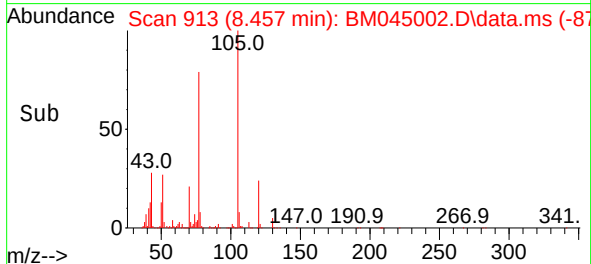
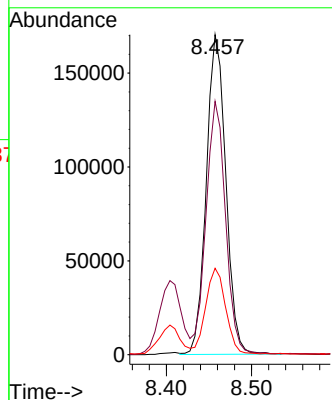
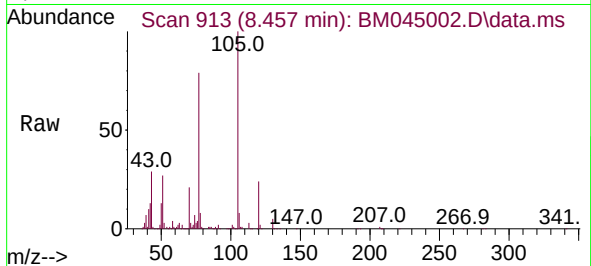




#16
Acetophenone
Concen: 40.800 ng/ul
RT: 8.457 min Scan# 913
Delta R.T. 0.000 min
Lab File: BM045002.D
Acq: 07 Apr 2024 11:11

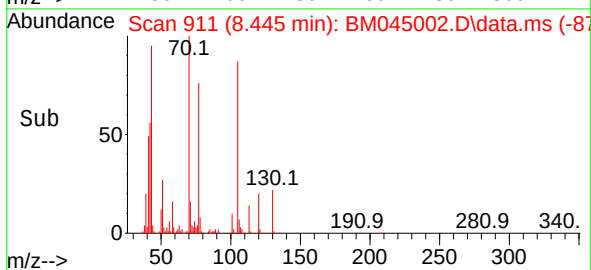
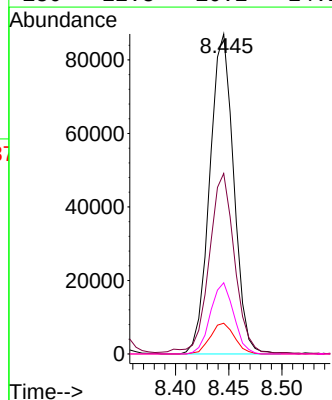
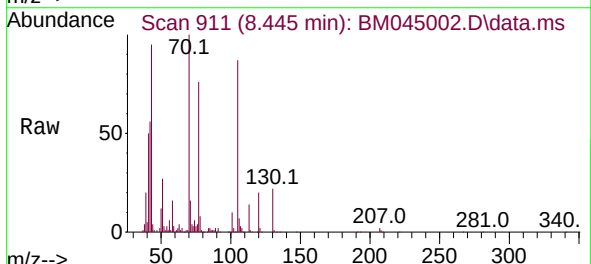
Instrument :
BNA_M
ClientSampleId :

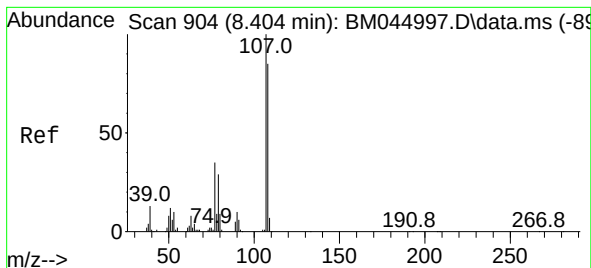
Tgt Ion:105 Resp: 271619
Ion Ratio Lower Upper
105 100
77 79.1 65.8 98.6
51 27.0 21.9 32.9



#17
N-Nitroso-di-n-propylamine
Concen: 43.285 ng/ul
RT: 8.445 min Scan# 911
Delta R.T. 0.006 min
Lab File: BM045002.D
Acq: 07 Apr 2024 11:11

Tgt Ion: 70 Resp: 136059
Ion Ratio Lower Upper
70 100
42 56.4 43.2 64.8
101 9.6 6.4 9.6
130 22.3 16.2 24.2

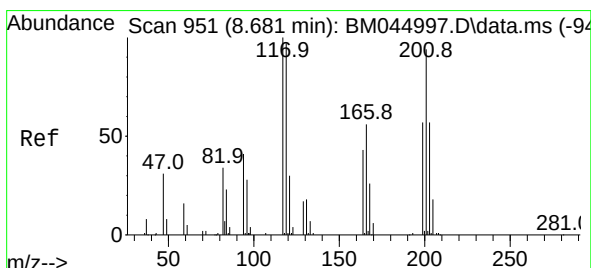
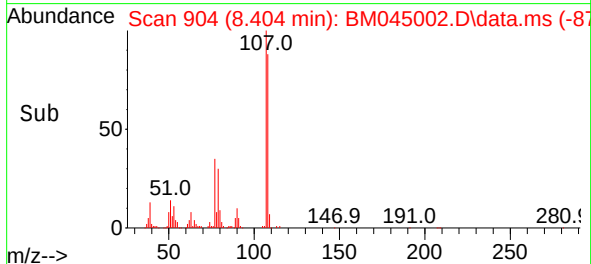
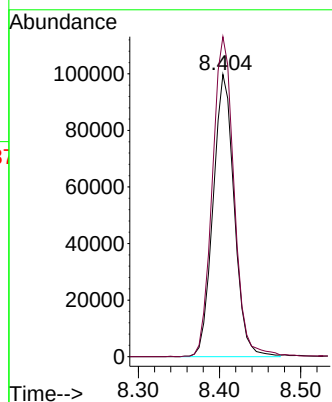
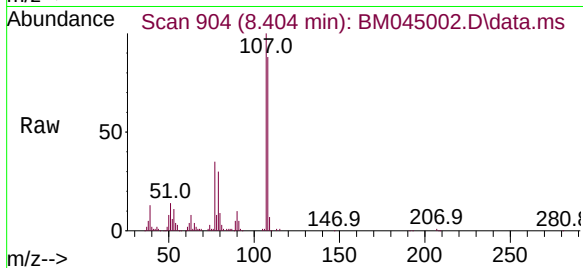




#18
4-Methylphenol
Concen: 41.915 ng/ul
RT: 8.404 min Scan# 904
Delta R.T. 0.000 min
Lab File: BM045002.D
Acq: 07 Apr 2024 11:11

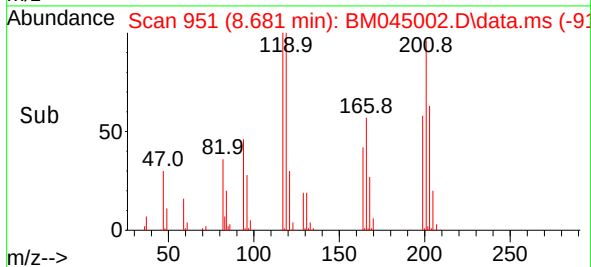
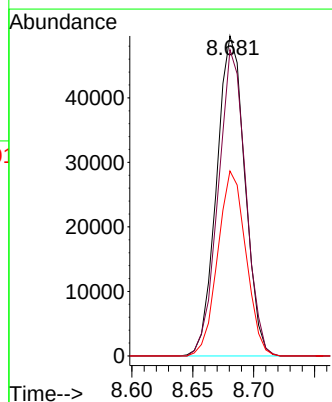
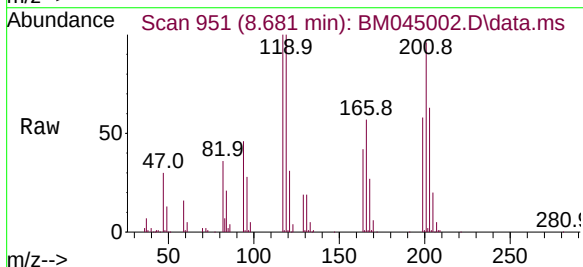
Instrument :
BNA_M
ClientSampleId :

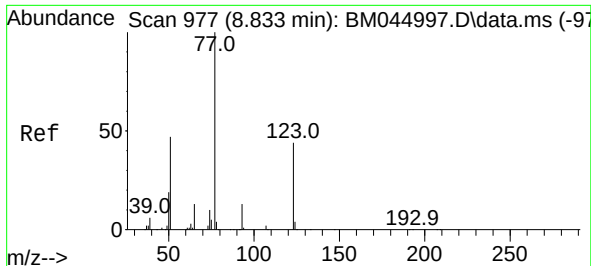
Tgt Ion:108 Resp: 180647
Ion Ratio Lower Upper
108 100
107 113.4 90.0 135.0



#19
Hexachloroethane
Concen: 42.367 ng/ul
RT: 8.681 min Scan# 951
Delta R.T. 0.000 min
Lab File: BM045002.D
Acq: 07 Apr 2024 11:11

Tgt Ion:117 Resp: 80136
Ion Ratio Lower Upper
117 100
201 95.7 73.0 109.4
199 57.8 44.4 66.6





#22

Nitrobenzene

Concen: 40.205 ng/ul

RT: 8.834 min Scan# 91

Delta R.T. 0.000 min

Lab File: BM045002.D

Acq: 07 Apr 2024 11:11

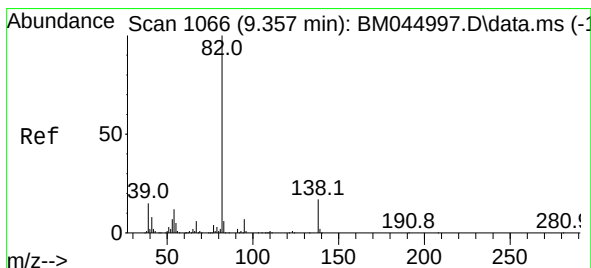
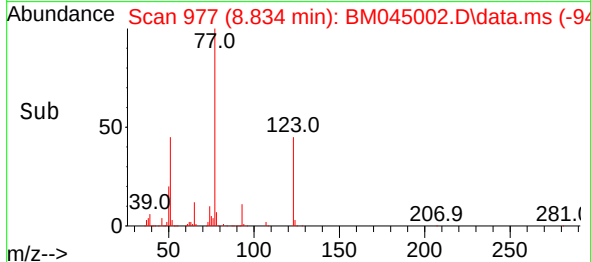
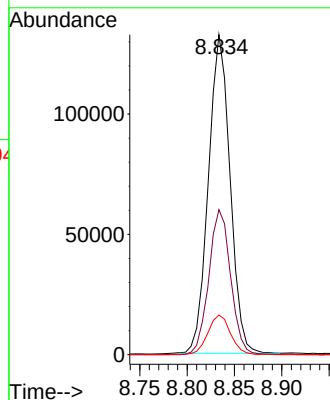
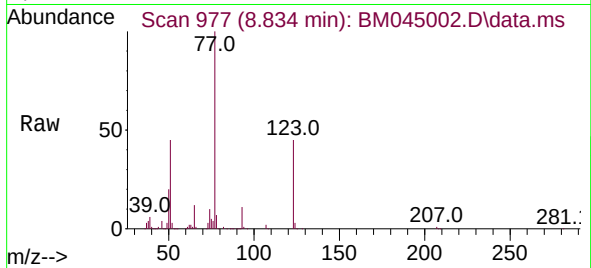
Instrument :

BNA_M

ClientSampleId :

Tgt Ion: 77 Resp: 210734

Ion	Ratio	Lower	Upper
77	100		
123	45.3	37.4	56.2
65	12.4	10.7	16.1



#23

Isophorone

Concen: 39.609 ng/ul

RT: 9.357 min Scan# 1066

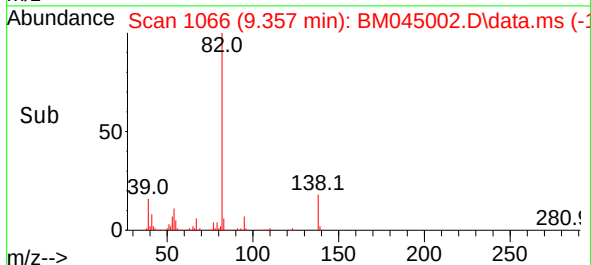
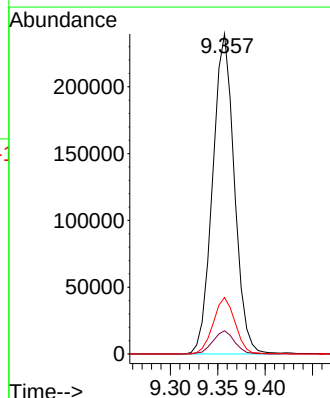
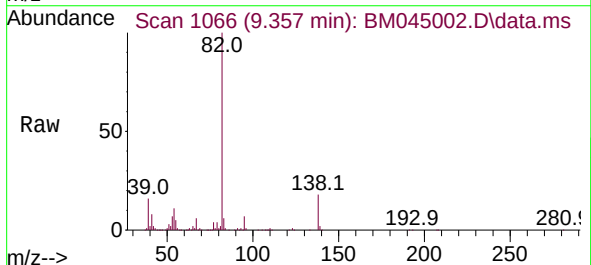
Delta R.T. 0.000 min

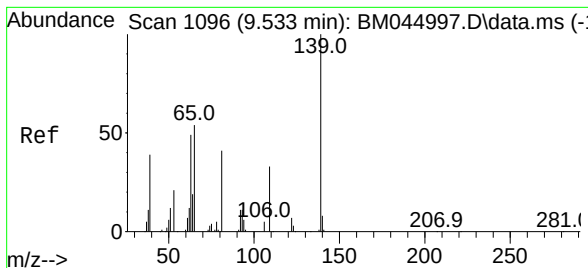
Lab File: BM045002.D

Acq: 07 Apr 2024 11:11

Tgt Ion: 82 Resp: 381441

Ion	Ratio	Lower	Upper
82	100		
95	7.3	5.1	7.7
138	17.6	14.2	21.4

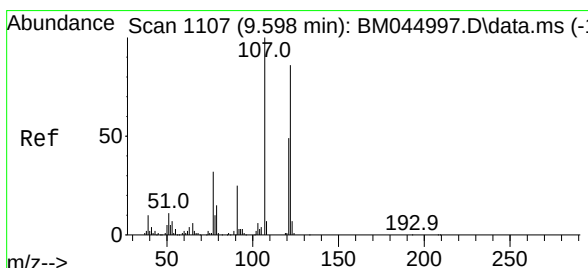
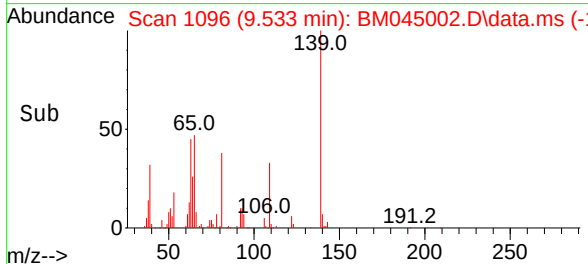
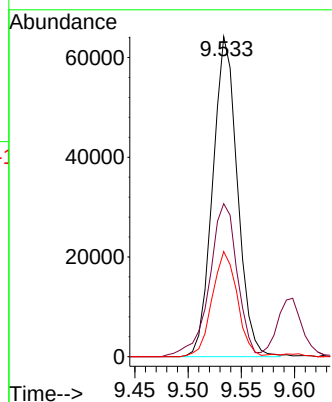
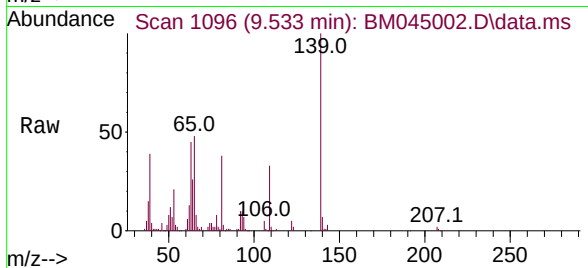




#25
2-Nitrophenol
Concen: 41.397 ng/ul
RT: 9.533 min Scan# 1096
Delta R.T. 0.000 min
Lab File: BM045002.D
Acq: 07 Apr 2024 11:11

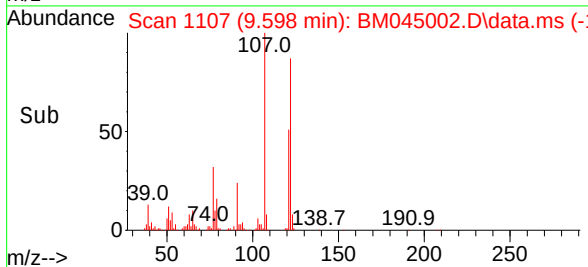
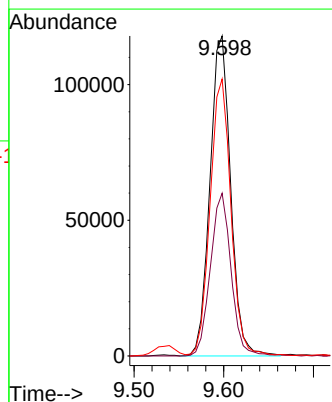
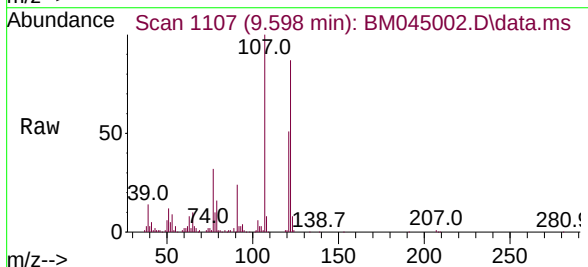
Instrument :
BNA_M
ClientSampleId :

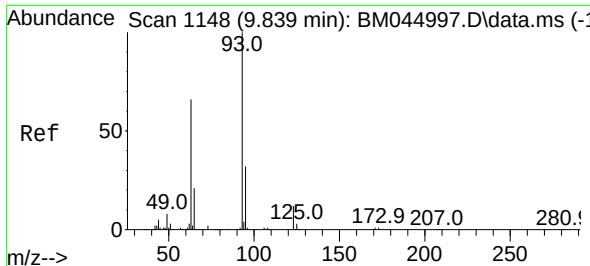
Tgt Ion:139 Resp: 103607
Ion Ratio Lower Upper
139 100
65 47.8 34.9 52.3
109 32.9 24.4 36.6



#26
2,4-Dimethylphenol
Concen: 39.195 ng/ul
RT: 9.598 min Scan# 1107
Delta R.T. 0.000 min
Lab File: BM045002.D
Acq: 07 Apr 2024 11:11

Tgt Ion:107 Resp: 189124
Ion Ratio Lower Upper
107 100
121 50.8 41.1 61.7
122 86.6 69.1 103.7





#27

Bis(2-Chloroethoxy)methane

Concen: 40.355 ng/ul

RT: 9.839 min Scan# 1148

Delta R.T. 0.000 min

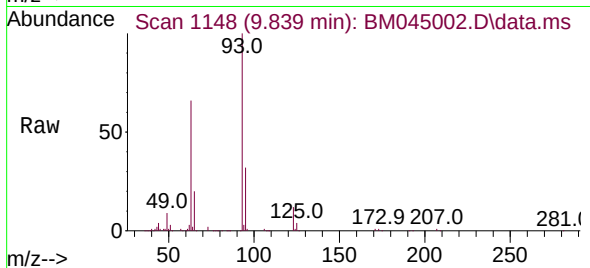
Lab File: BM045002.D

Acq: 07 Apr 2024 11:11

Instrument :

BNA_M

ClientSampleId :



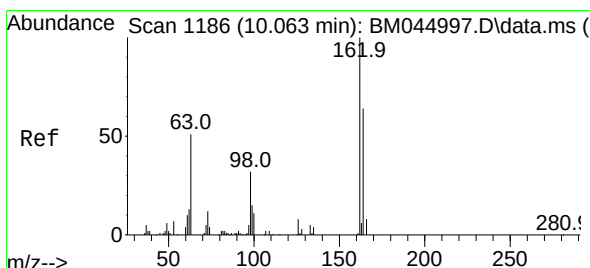
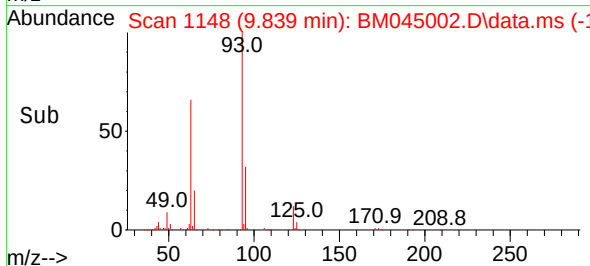
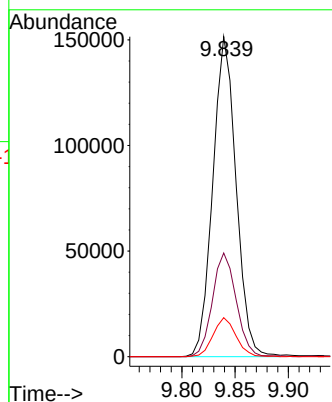
Tgt Ion: 93 Resp: 230385

Ion Ratio Lower Upper

93 100

95 32.4 26.9 40.3

123 12.2 9.1 13.7



#29

2,4-Dichlorophenol

Concen: 41.846 ng/ul

RT: 10.063 min Scan# 1186

Delta R.T. 0.000 min

Lab File: BM045002.D

Acq: 07 Apr 2024 11:11

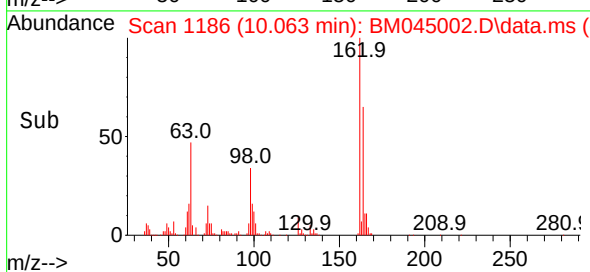
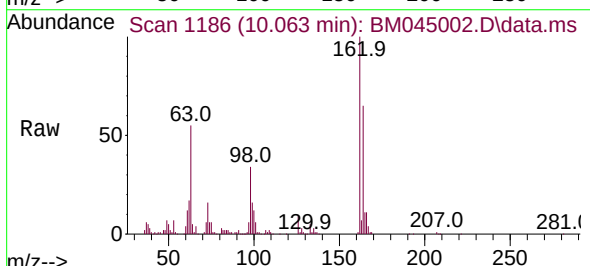
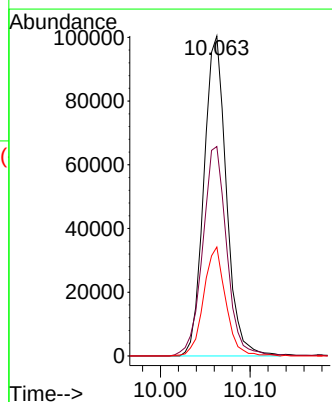
Tgt Ion: 162 Resp: 174787

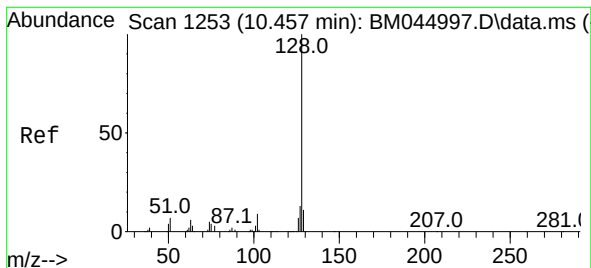
Ion Ratio Lower Upper

162 100

164 65.5 50.4 75.6

98 34.0 27.0 40.4

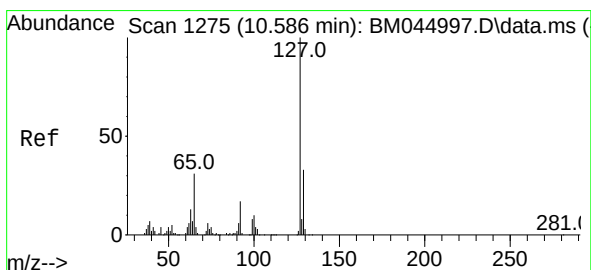
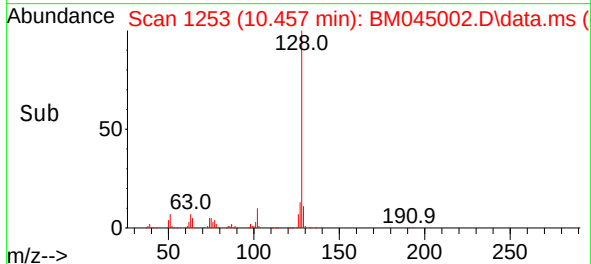
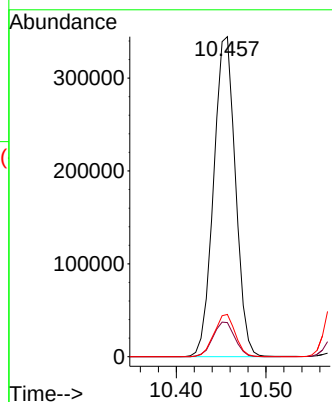
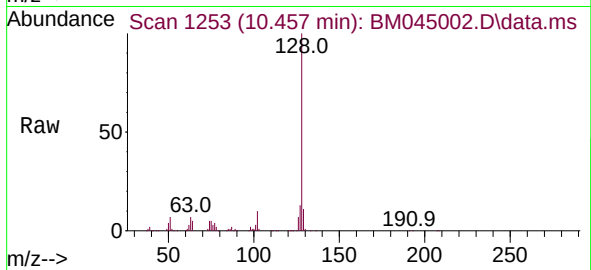




#30
Naphthalene
Concen: 39.555 ng/ul
RT: 10.457 min Scan# 1253
Delta R.T. 0.000 min
Lab File: BM045002.D
Acq: 07 Apr 2024 11:11

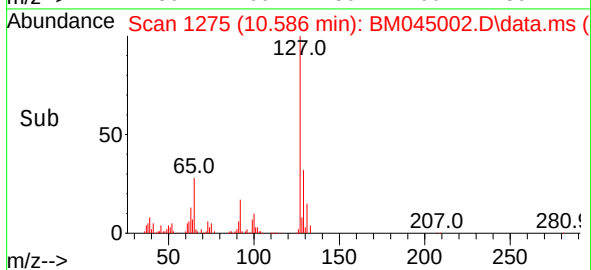
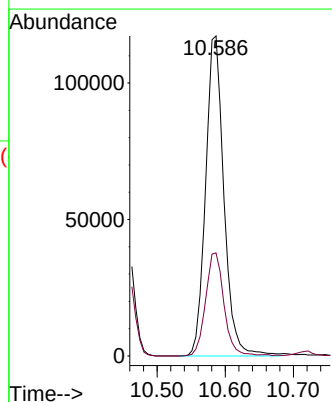
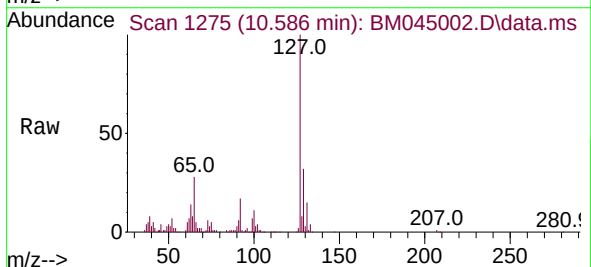
Instrument :
BNA_M
ClientSampleId :

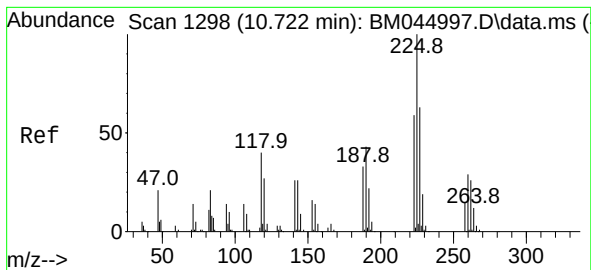
Tgt Ion:128 Resp: 582375
Ion Ratio Lower Upper
128 100
129 10.6 8.5 12.7
127 13.2 10.2 15.4



#32
4-Chloroaniline
Concen: 34.203 ng/ul
RT: 10.586 min Scan# 1275
Delta R.T. 0.000 min
Lab File: BM045002.D
Acq: 07 Apr 2024 11:11

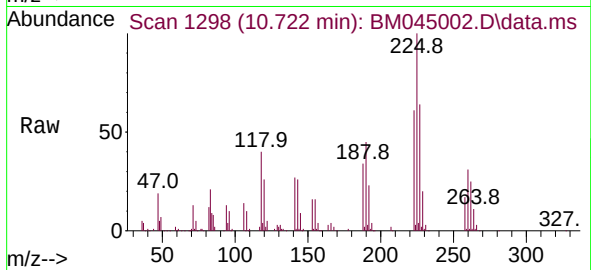
Tgt Ion:127 Resp: 219061
Ion Ratio Lower Upper
127 100
129 32.2 26.2 39.2



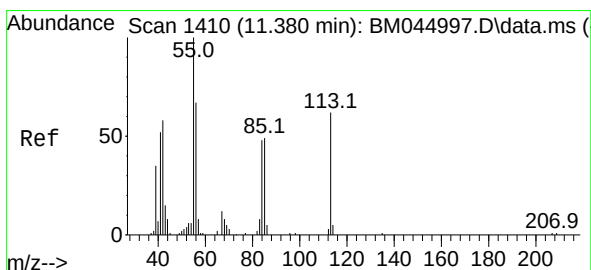
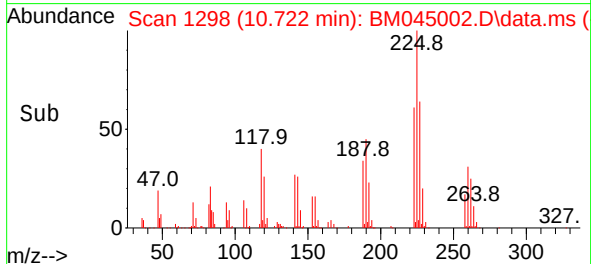
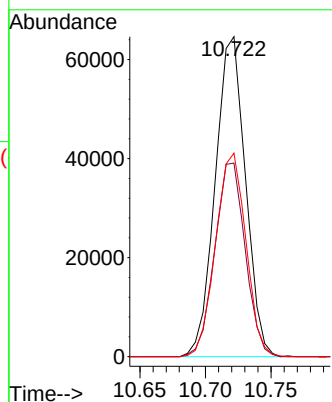


#33
Hexachlorobutadiene
Concen: 39.903 ng/ul
RT: 10.722 min Scan# 1298
Delta R.T. 0.000 min
Lab File: BM045002.D
Acq: 07 Apr 2024 11:11

Instrument :
BNA_M
ClientSampleId :

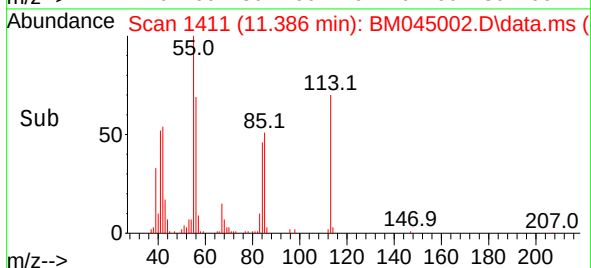
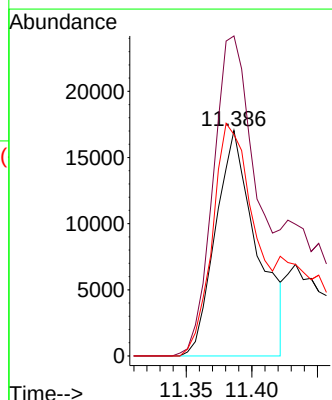
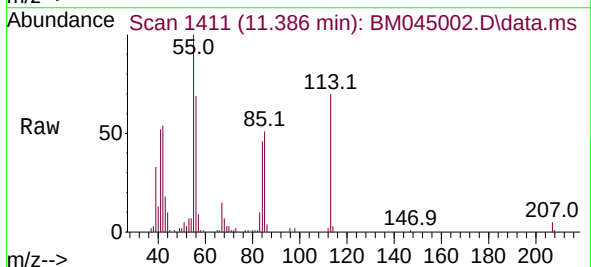


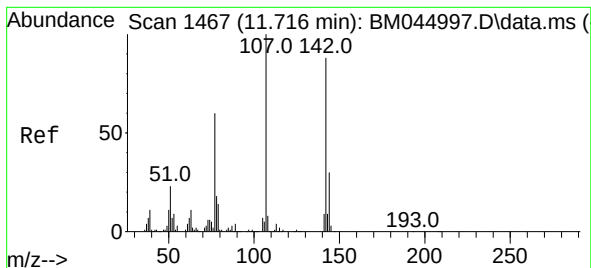
Tgt Ion:225 Resp: 103630
Ion Ratio Lower Upper
225 100
223 60.5 45.3 67.9
227 63.6 47.6 71.4



#34
Caprolactam
Concen: 26.334 ng/ul
RT: 11.386 min Scan# 1411
Delta R.T. 0.006 min
Lab File: BM045002.D
Acq: 07 Apr 2024 11:11

Tgt Ion:113 Resp: 37135
Ion Ratio Lower Upper
113 100
55 141.9 125.4 188.0
56 98.2 91.8 137.8

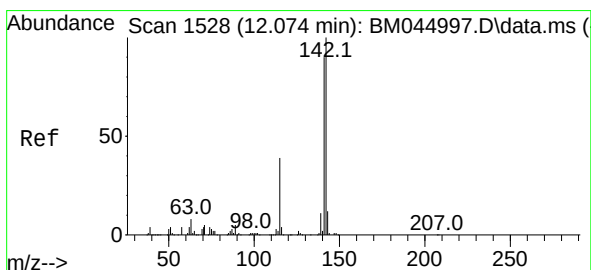
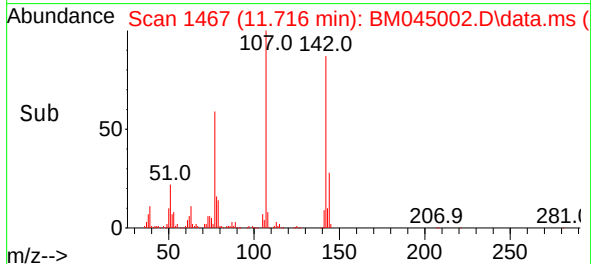
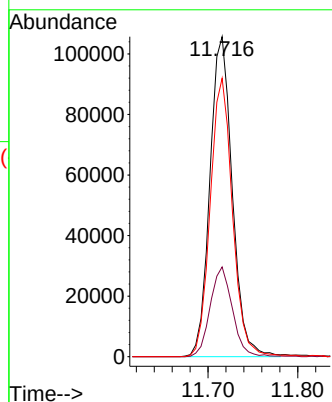
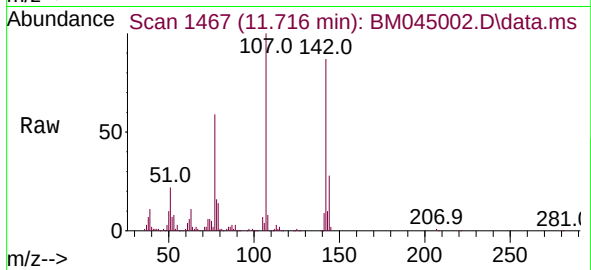




#35
4-Chloro-3-methylphenol
Concen: 44.086 ng/ul
RT: 11.716 min Scan# 1467
Delta R.T. 0.000 min
Lab File: BM045002.D
Acq: 07 Apr 2024 11:11

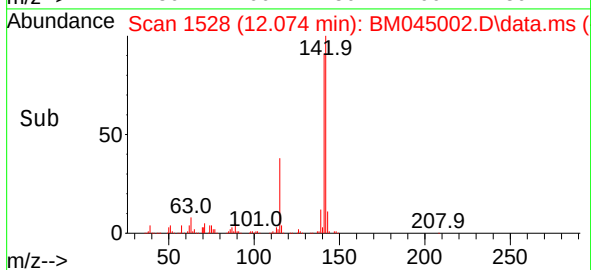
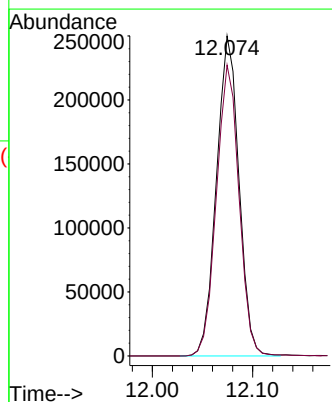
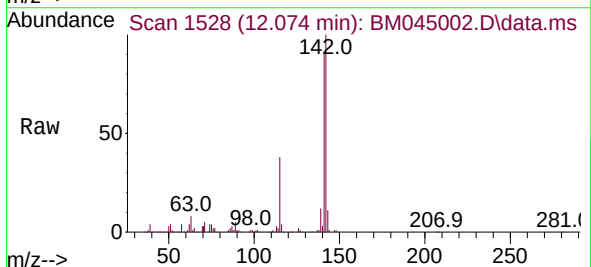
Instrument :
BNA_M
ClientSampleId :

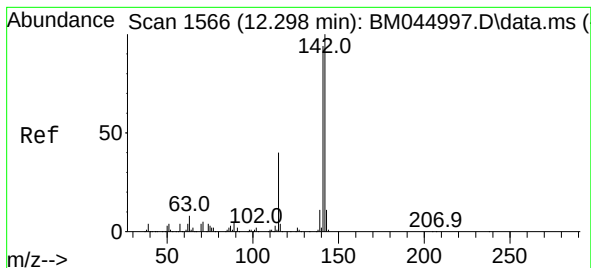
Tgt Ion:107 Resp: 183055
Ion Ratio Lower Upper
107 100
144 28.1 22.8 34.2
142 87.0 69.8 104.6



#36
2-Methylnaphthalene
Concen: 40.525 ng/ul
RT: 12.074 min Scan# 1528
Delta R.T. 0.000 min
Lab File: BM045002.D
Acq: 07 Apr 2024 11:11

Tgt Ion:142 Resp: 389575
Ion Ratio Lower Upper
142 100
141 90.9 72.3 108.5





#37

1-Methylnaphthalene

Concen: 40.100 ng/ul

RT: 12.298 min Scan# 1566

Delta R.T. 0.000 min

Lab File: BM045002.D

Acq: 07 Apr 2024 11:11

Instrument :

BNA_M

ClientSampleId :

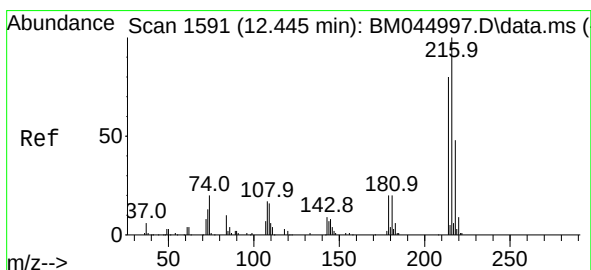
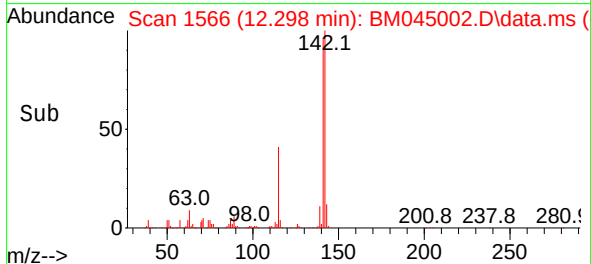
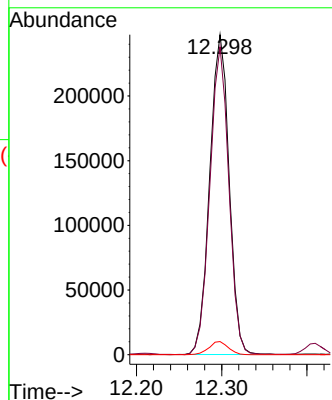
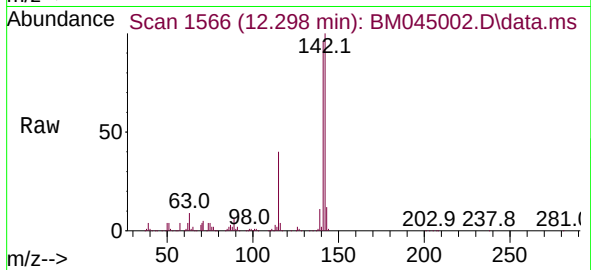
Tgt Ion:142 Resp: 390100

Ion Ratio Lower Upper

142 100

141 96.2 77.2 115.8

116 4.1 3.2 4.8



#39

1,2,4,5-Tetrachlorobenzene

Concen: 41.066 ng/ul

RT: 12.445 min Scan# 1591

Delta R.T. 0.000 min

Lab File: BM045002.D

Acq: 07 Apr 2024 11:11

Tgt Ion:216 Resp: 198624

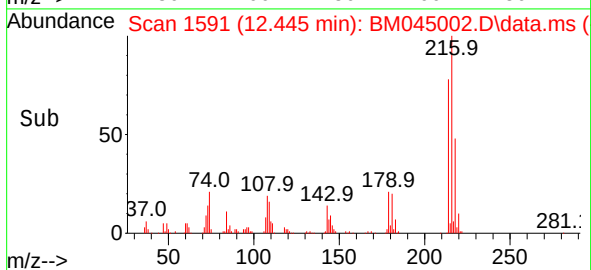
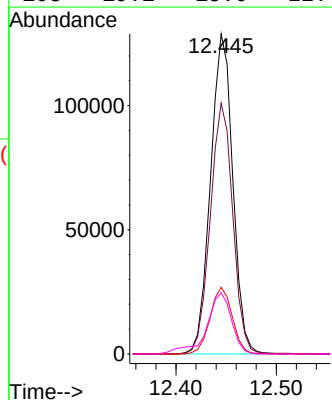
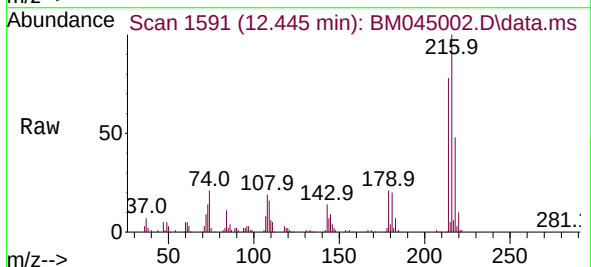
Ion Ratio Lower Upper

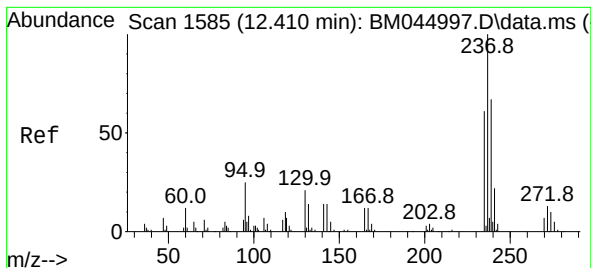
216 100

214 78.4 63.5 95.3

179 20.8 16.6 25.0

108 19.1 15.0 22.4

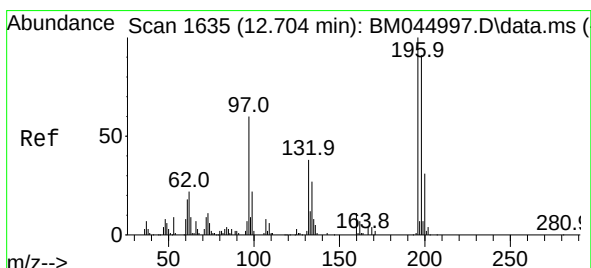
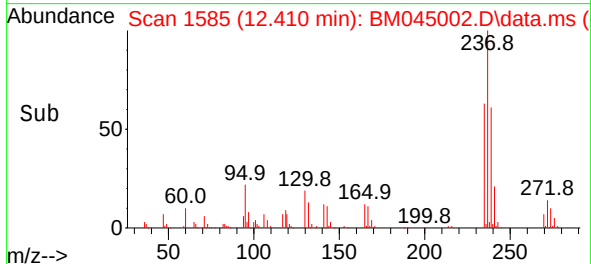
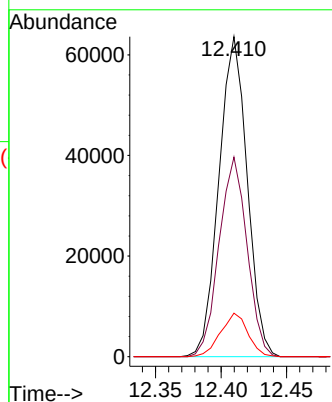
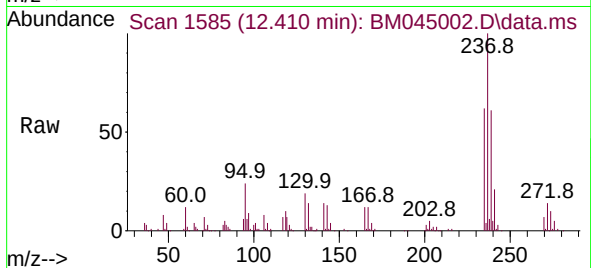




#40
Hexachlorocyclopentadiene
Concen: 32.547 ng/ul
RT: 12.410 min Scan# 1585
Delta R.T. 0.000 min
Lab File: BM045002.D
Acq: 07 Apr 2024 11:11

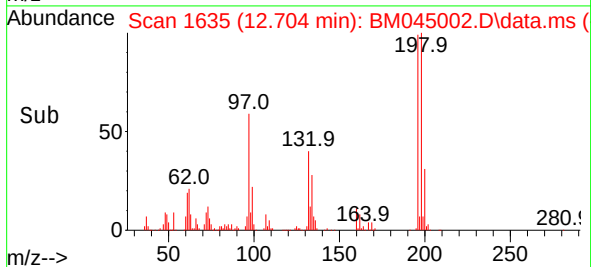
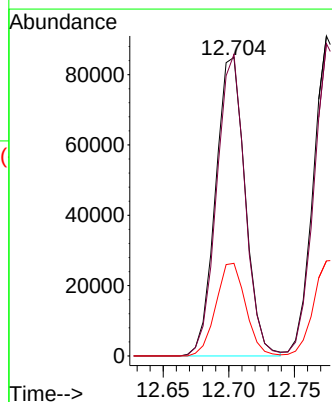
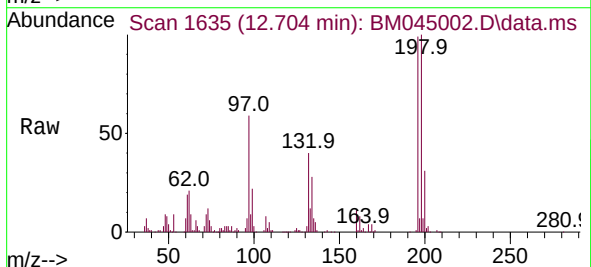
Instrument :
BNA_M
ClientSampleId :

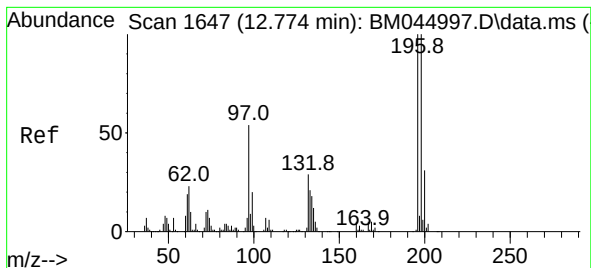
Tgt Ion:237 Resp: 95294
Ion Ratio Lower Upper
237 100
235 62.4 51.3 76.9
272 14.1 10.1 15.1



#41
2,4,6-Trichlorophenol
Concen: 42.290 ng/ul
RT: 12.704 min Scan# 1635
Delta R.T. 0.000 min
Lab File: BM045002.D
Acq: 07 Apr 2024 11:11

Tgt Ion:196 Resp: 133430
Ion Ratio Lower Upper
196 100
198 101.0 79.4 119.2
200 31.0 25.0 37.4





#42

2,4,5-Trichlorophenol

Concen: 43.022 ng/ul

RT: 12.774 min Scan# 1

Delta R.T. 0.000 min

Lab File: BM045002.D

Acq: 07 Apr 2024 11:11

Instrument :

BNA_M

ClientSampleId :

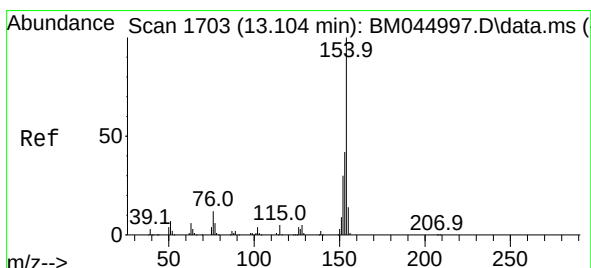
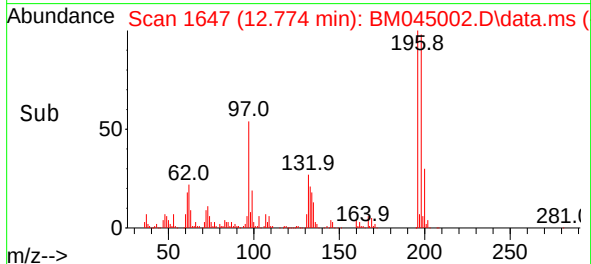
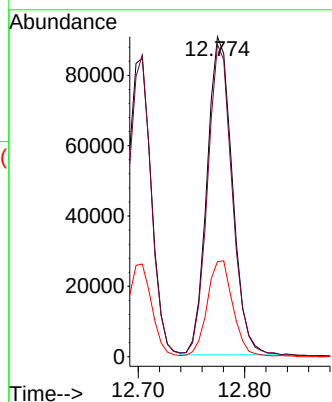
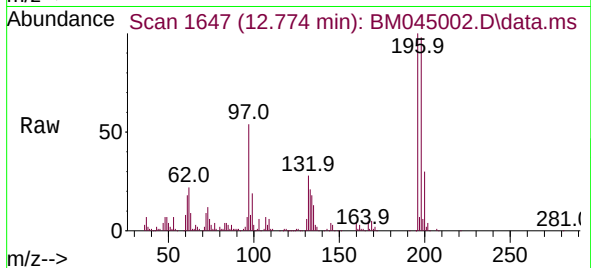
Tgt Ion:196 Resp: 149562

Ion Ratio Lower Upper

196 100

198 97.6 79.9 119.9

200 29.7 25.6 38.4



#43

1,1'-Biphenyl

Concen: 40.516 ng/ul

RT: 13.104 min Scan# 1703

Delta R.T. 0.000 min

Lab File: BM045002.D

Acq: 07 Apr 2024 11:11

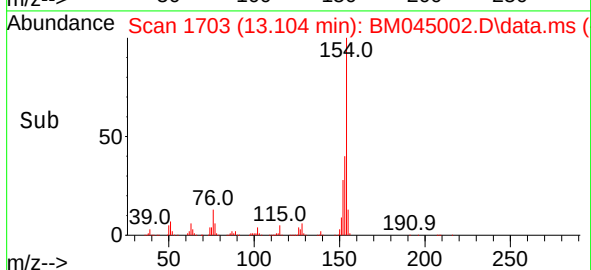
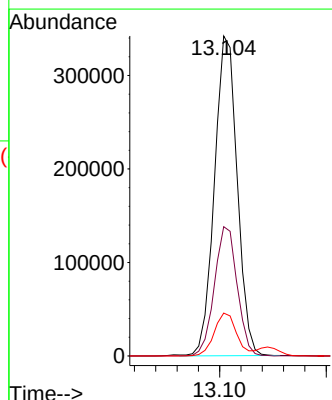
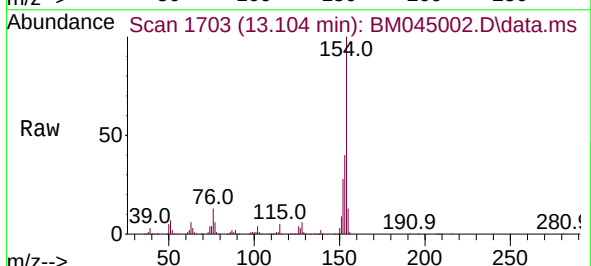
Tgt Ion:154 Resp: 505988

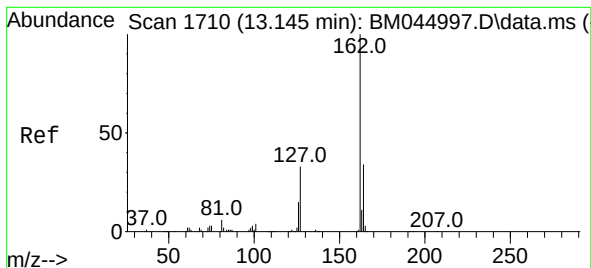
Ion Ratio Lower Upper

154 100

153 40.4 31.6 47.4

76 13.4 10.4 15.6





#44

2-Chloronaphthalene

Concen: 40.846 ng/ul

RT: 13.145 min Scan# 1

Delta R.T. 0.000 min

Lab File: BM045002.D

Acq: 07 Apr 2024 11:11

Instrument :

BNA_M

ClientSampleId :

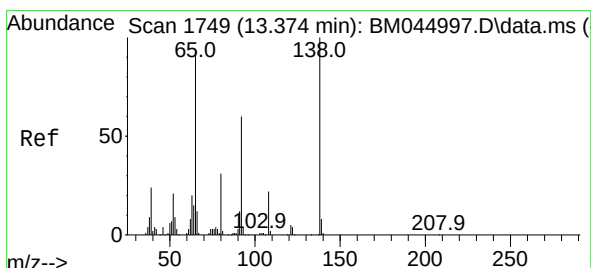
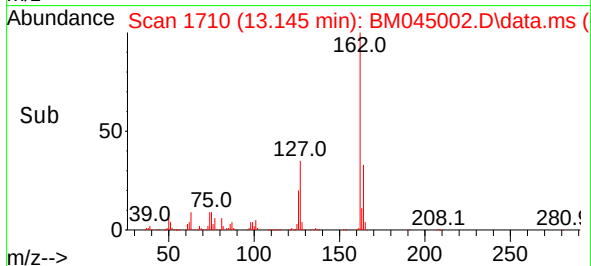
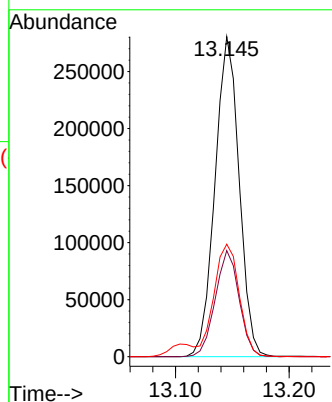
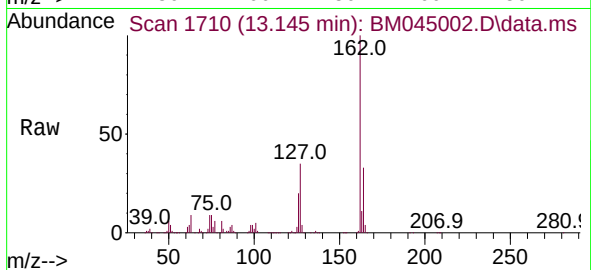
Tgt Ion:162 Resp: 414430

Ion Ratio Lower Upper

162 100

164 33.2 26.1 39.1

127 35.1 30.1 45.1



#45

2-Nitroaniline

Concen: 43.799 ng/ul

RT: 13.374 min Scan# 1749

Delta R.T. 0.000 min

Lab File: BM045002.D

Acq: 07 Apr 2024 11:11

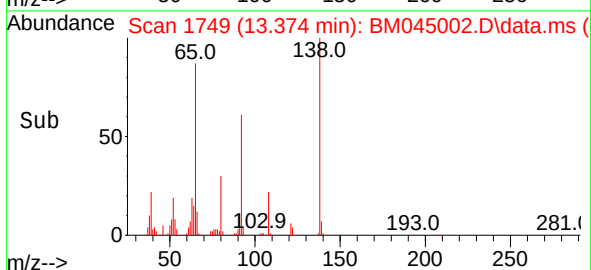
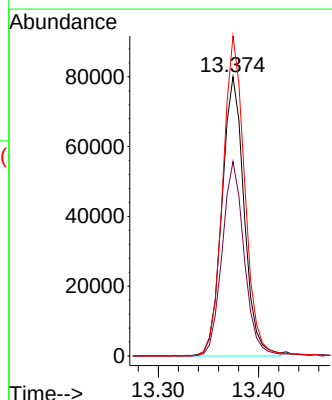
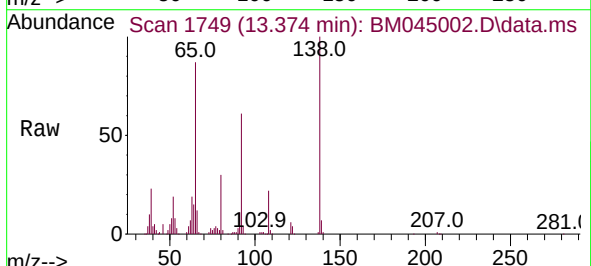
Tgt Ion: 65 Resp: 122671

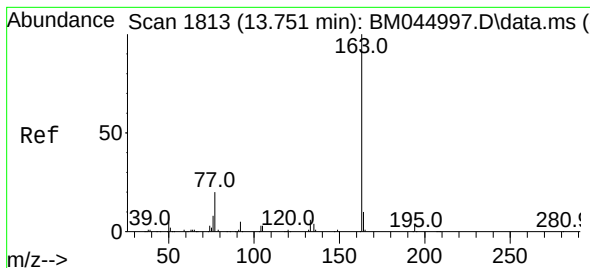
Ion Ratio Lower Upper

65 100

92 69.7 55.2 82.8

138 114.6 93.0 139.4





#47

Dimethylphthalate

Concen: 40.019 ng/ul

RT: 13.751 min Scan# 1813

Delta R.T. 0.000 min

Lab File: BM045002.D

Acq: 07 Apr 2024 11:11

Instrument :

BNA_M

ClientSampleId :

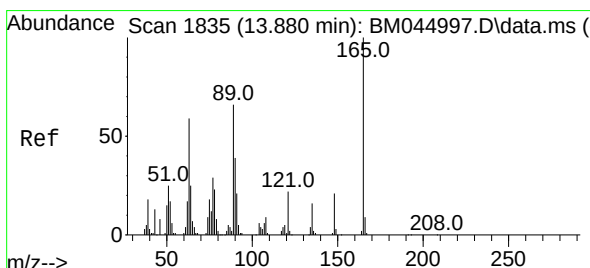
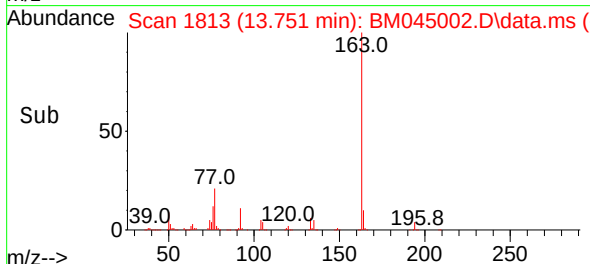
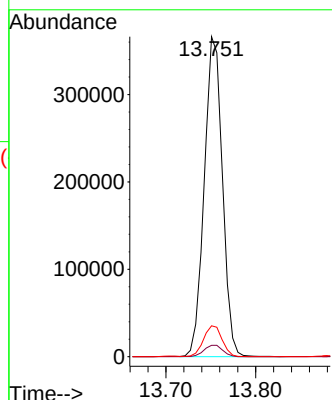
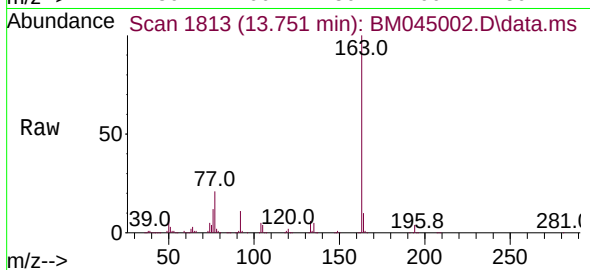
Tgt Ion:163 Resp: 515076

Ion Ratio Lower Upper

163 100

194 3.6 2.8 4.2

164 9.6 7.8 11.8



#48

2,6-Dinitrotoluene

Concen: 41.904 ng/ul

RT: 13.880 min Scan# 1835

Delta R.T. 0.000 min

Lab File: BM045002.D

Acq: 07 Apr 2024 11:11

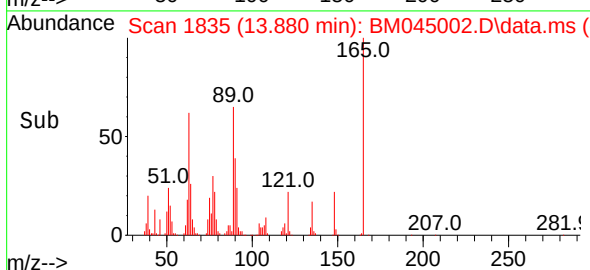
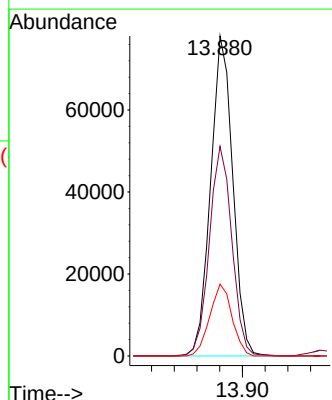
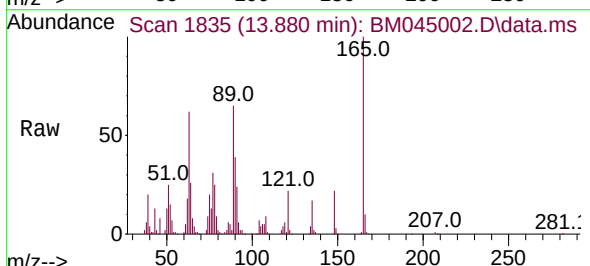
Tgt Ion:165 Resp: 105711

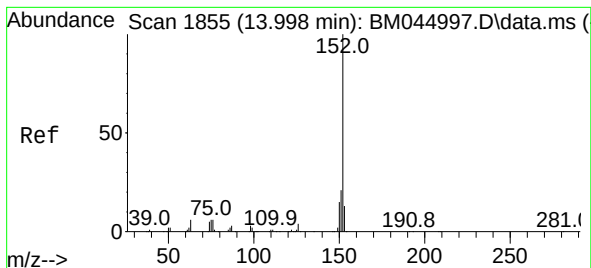
Ion Ratio Lower Upper

165 100

89 65.5 45.0 67.4

121 22.4 18.0 27.0





#50

Acenaphthylene

Concen: 41.108 ng/ul

RT: 13.998 min Scan# 1855

Delta R.T. 0.000 min

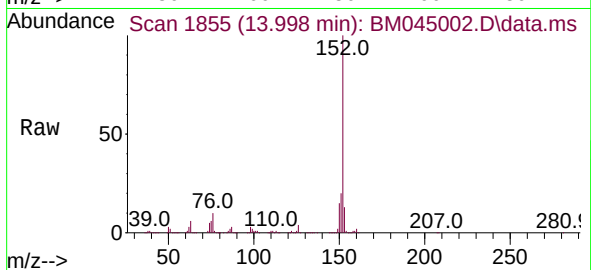
Lab File: BM045002.D

Acq: 07 Apr 2024 11:11

Instrument :

BNA_M

ClientSampleId :



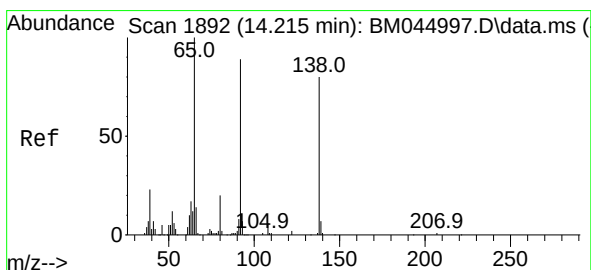
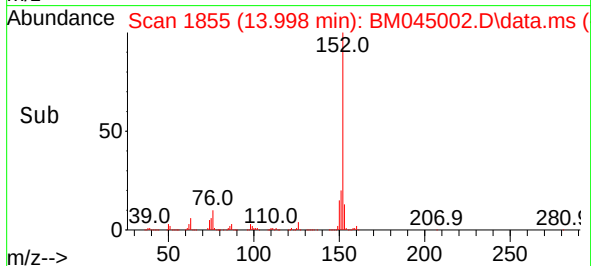
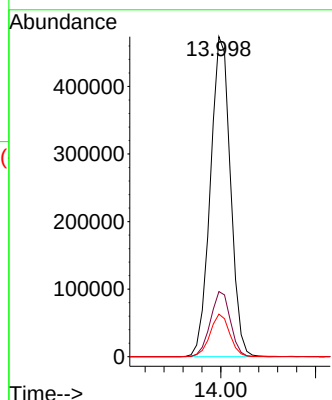
Tgt Ion:152 Resp: 698439

Ion Ratio Lower Upper

152 100

151 20.4 16.0 24.0

153 13.3 10.2 15.2



#51

3-Nitroaniline

Concen: 41.074 ng/ul

RT: 14.216 min Scan# 1892

Delta R.T. 0.000 min

Lab File: BM045002.D

Acq: 07 Apr 2024 11:11

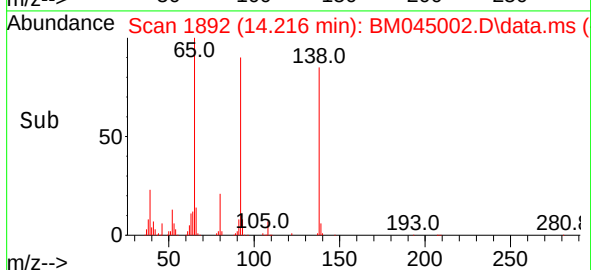
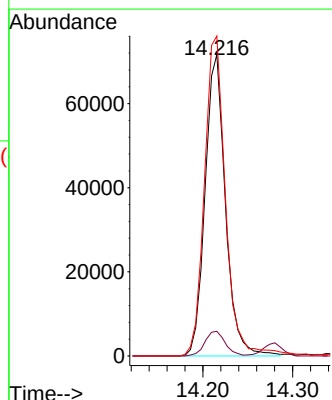
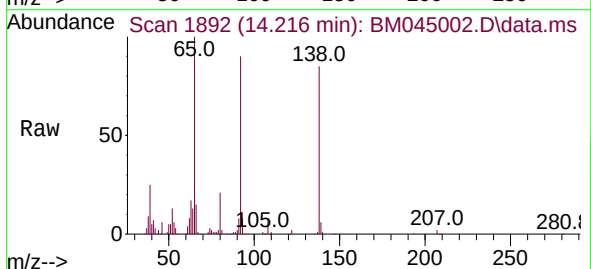
Tgt Ion:138 Resp: 113028

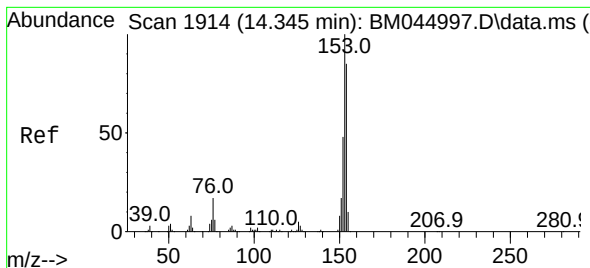
Ion Ratio Lower Upper

138 100

108 8.2 6.5 9.7

92 106.1 81.4 122.0





#52

Acenaphthene

Concen: 40.789 ng/ul

RT: 14.345 min Scan# 1914

Delta R.T. 0.000 min

Lab File: BM045002.D

Acq: 07 Apr 2024 11:11

Instrument :

BNA_M

ClientSampleId :

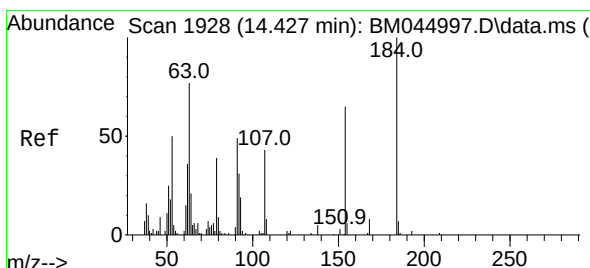
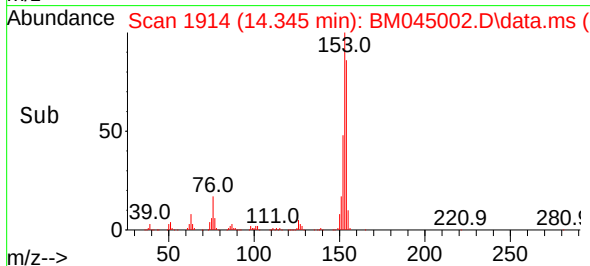
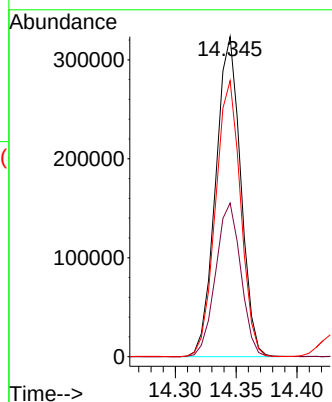
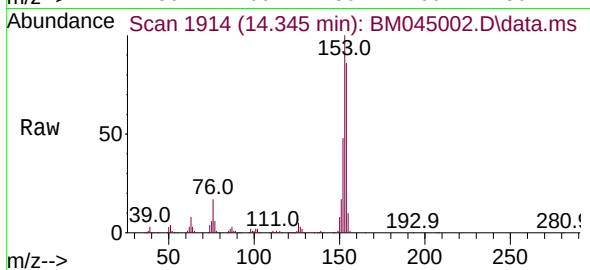
Tgt Ion:153 Resp: 462433

Ion Ratio Lower Upper

153 100

152 48.0 38.6 58.0

154 86.2 69.4 104.2



#53

2,4-Dinitrophenol

Concen: 34.545 ng/ul

RT: 14.427 min Scan# 1928

Delta R.T. 0.000 min

Lab File: BM045002.D

Acq: 07 Apr 2024 11:11

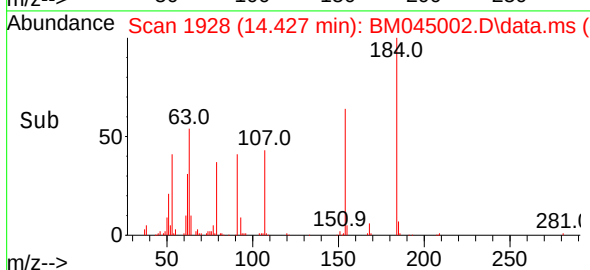
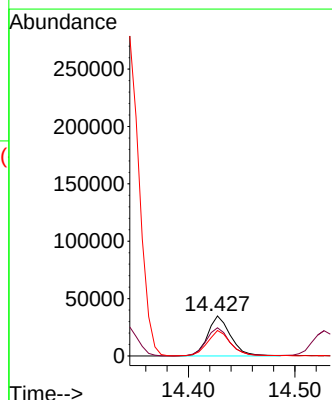
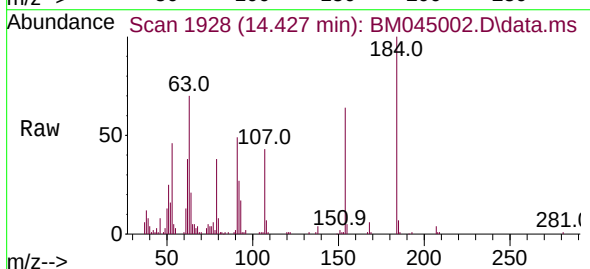
Tgt Ion:184 Resp: 51812

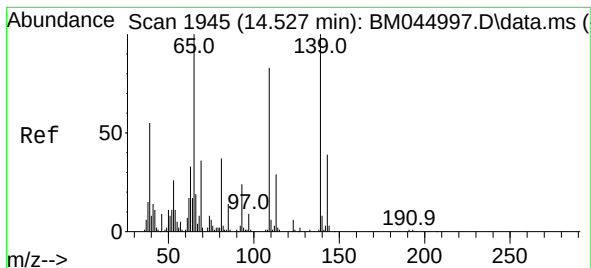
Ion Ratio Lower Upper

184 100

63 70.2 56.9 85.3

154 63.7 50.3 75.5

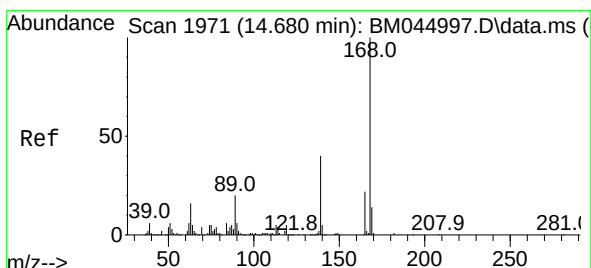
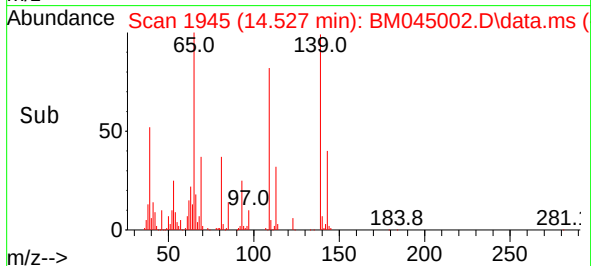
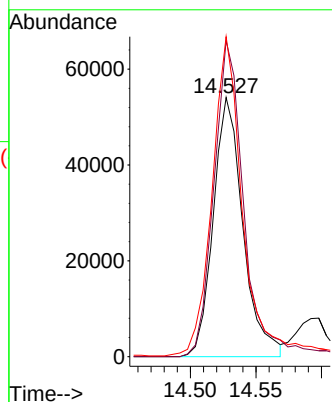
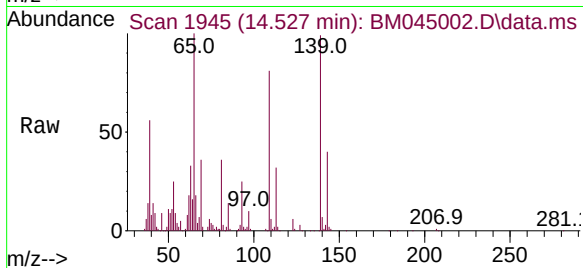




#55
4-Nitrophenol
Concen: 37.679 ng/ul
RT: 14.527 min Scan# 1945
Delta R.T. 0.000 min
Lab File: BM045002.D
Acq: 07 Apr 2024 11:11

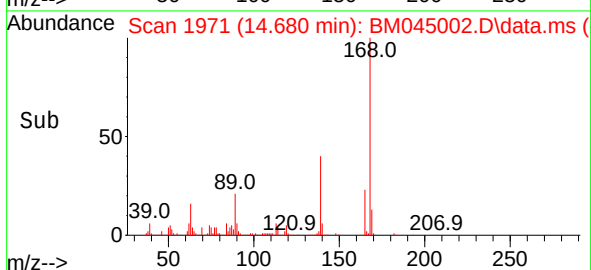
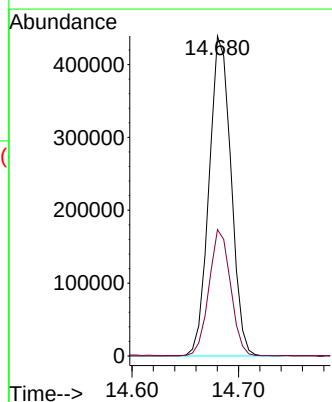
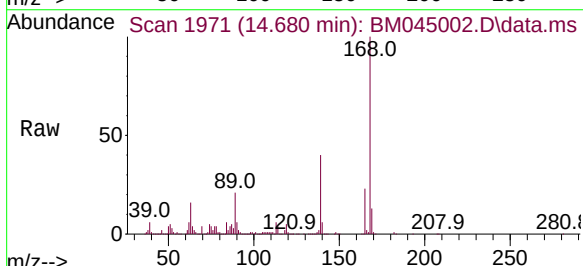
Instrument :
BNA_M
ClientSampleId :

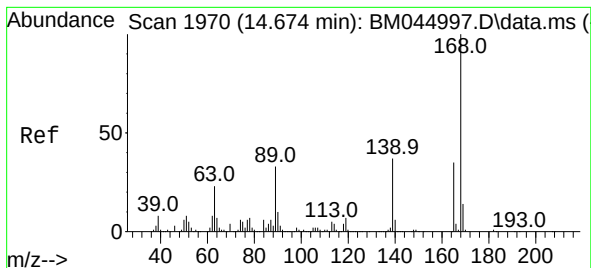
Tgt Ion:109 Resp: 85160
Ion Ratio Lower Upper
109 100
139 121.9 107.7 161.5
65 123.4 96.3 144.5



#56
Dibenzofuran
Concen: 40.475 ng/ul
RT: 14.680 min Scan# 1971
Delta R.T. 0.000 min
Lab File: BM045002.D
Acq: 07 Apr 2024 11:11

Tgt Ion:168 Resp: 627933
Ion Ratio Lower Upper
168 100
139 39.5 30.6 46.0

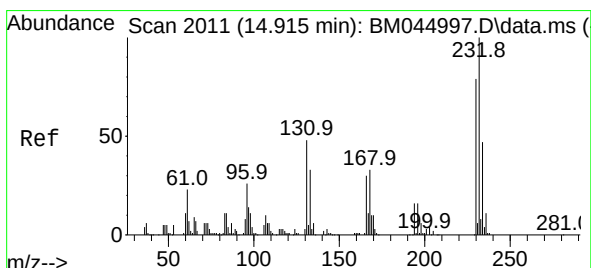
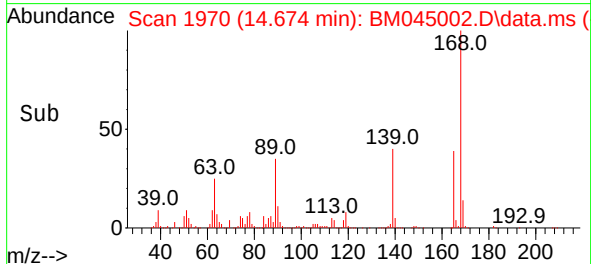
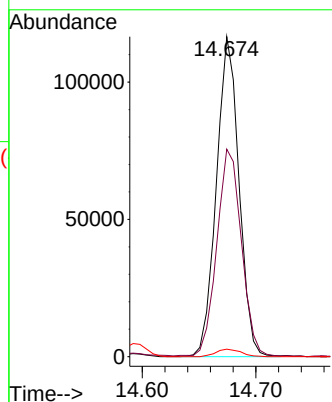
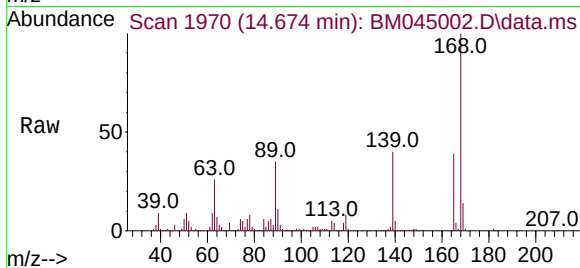




#57
2,4-Dinitrotoluene
Concen: 42.687 ng/ul
RT: 14.674 min Scan# 1970
Delta R.T. 0.000 min
Lab File: BM045002.D
Acq: 07 Apr 2024 11:11

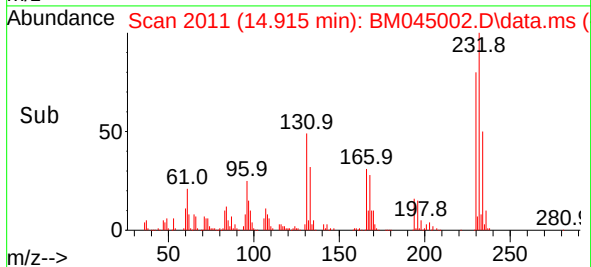
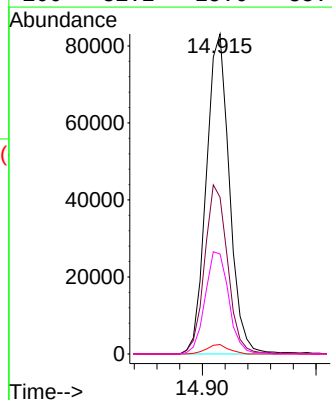
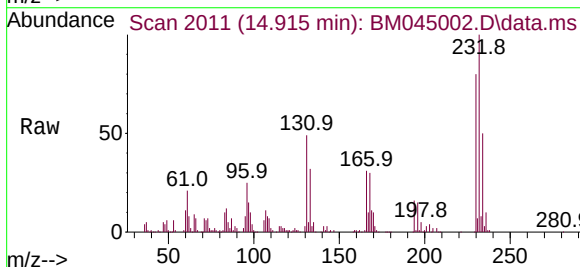
Instrument :
BNA_M
ClientSampleId :

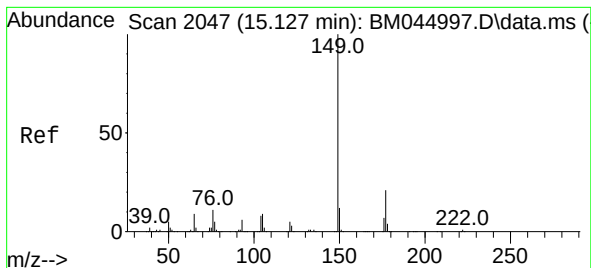
Tgt Ion:165 Resp: 161192
Ion Ratio Lower Upper
165 100
63 64.8 52.0 78.0
182 2.3 2.3 3.5



#58
2,3,4,6-Tetrachlorophenol
Concen: 39.479 ng/ul
RT: 14.915 min Scan# 2011
Delta R.T. 0.000 min
Lab File: BM045002.D
Acq: 07 Apr 2024 11:11

Tgt Ion:232 Resp: 117460
Ion Ratio Lower Upper
232 100
131 48.9 43.4 65.0
130 2.9 2.6 4.0
166 31.2 25.6 38.4





#59

Diethylphthalate

Concen: 40.553 ng/ul

RT: 15.127 min Scan# 2047

Delta R.T. 0.000 min

Lab File: BM045002.D

Acq: 07 Apr 2024 11:11

Instrument :

BNA_M

ClientSampleId :

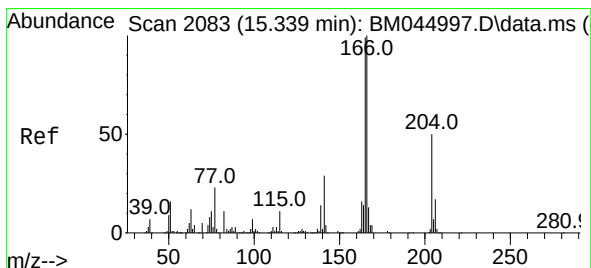
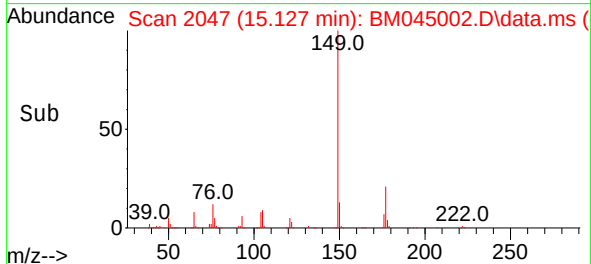
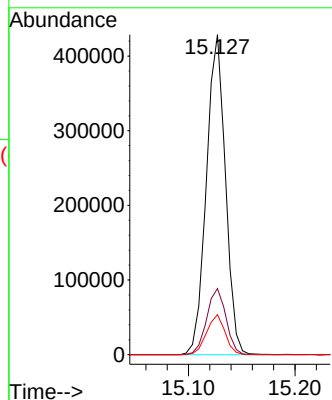
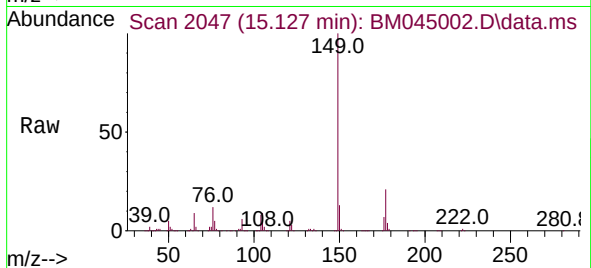
Tgt Ion:149 Resp: 532494

Ion Ratio Lower Upper

149 100

177 20.7 16.4 24.6

150 12.5 10.3 15.5



#61

Fluorene

Concen: 40.522 ng/ul

RT: 15.339 min Scan# 2083

Delta R.T. 0.000 min

Lab File: BM045002.D

Acq: 07 Apr 2024 11:11

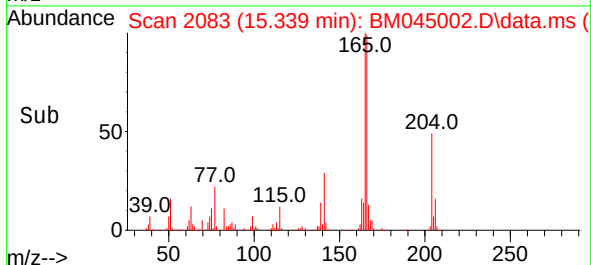
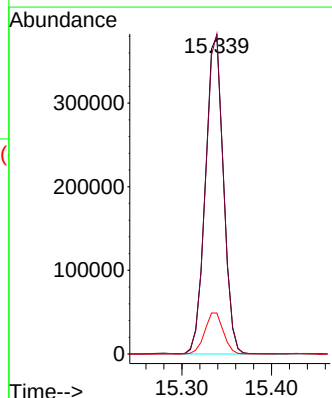
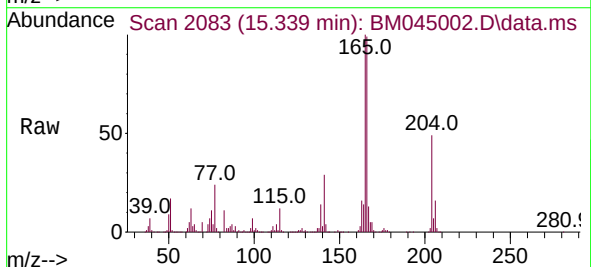
Tgt Ion:166 Resp: 529859

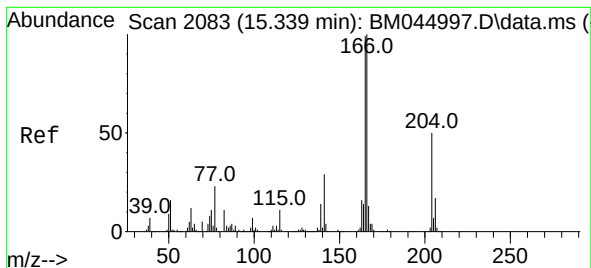
Ion Ratio Lower Upper

166 100

165 100.6 80.5 120.7

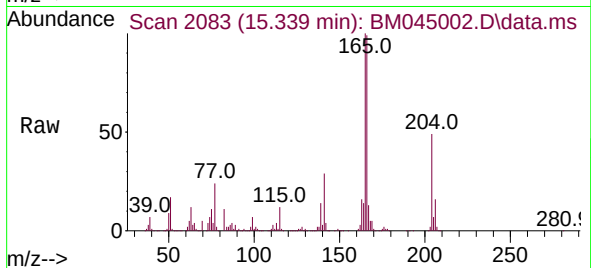
167 12.9 11.0 16.6



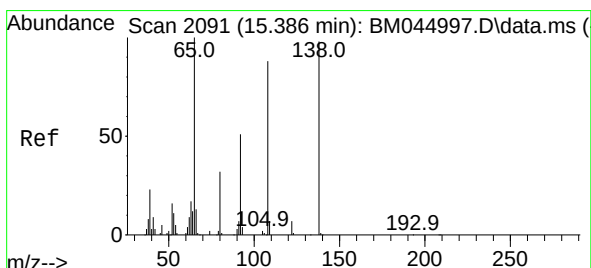
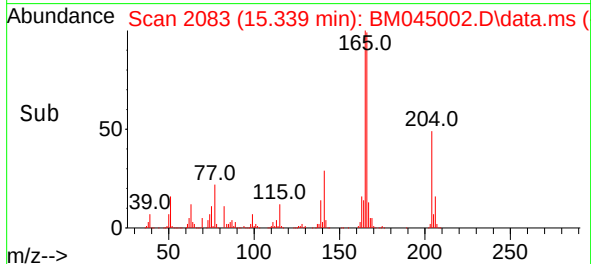
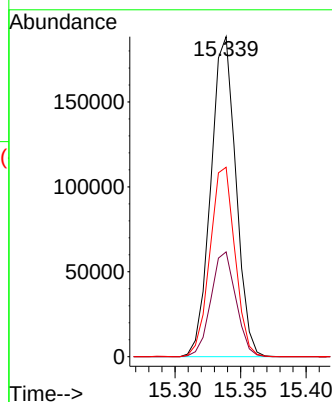


#62
4-Chlorophenyl-phenylether
Concen: 40.877 ng/ul
RT: 15.339 min Scan# 2083
Delta R.T. 0.000 min
Lab File: BM045002.D
Acq: 07 Apr 2024 11:11

Instrument :
BNA_M
ClientSampleId :

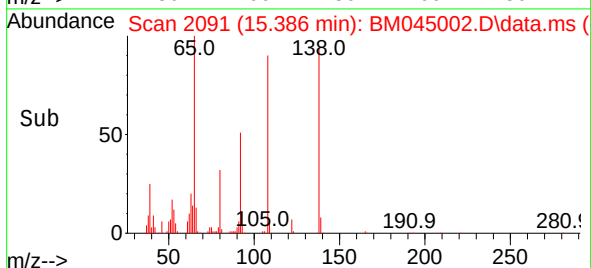
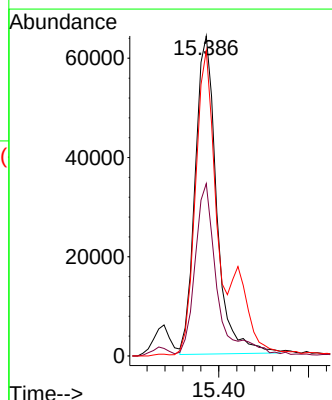
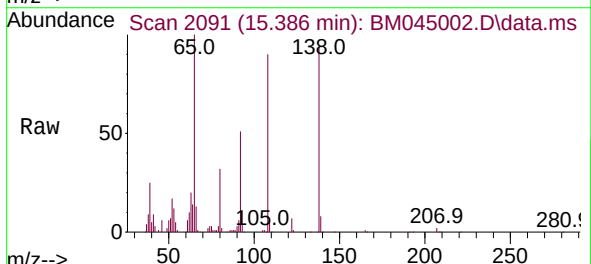


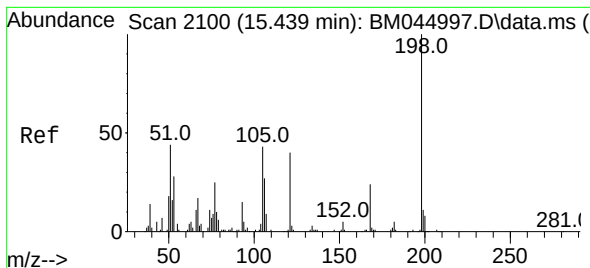
Tgt Ion:204 Resp: 250528
Ion Ratio Lower Upper
204 100
206 32.8 24.9 37.3
141 59.2 46.2 69.2



#63
4-Nitroaniline
Concen: 42.599 ng/ul
RT: 15.386 min Scan# 2091
Delta R.T. 0.000 min
Lab File: BM045002.D
Acq: 07 Apr 2024 11:11

Tgt Ion:138 Resp: 106575
Ion Ratio Lower Upper
138 100
92 53.8 39.8 59.6
108 95.4 66.4 99.6

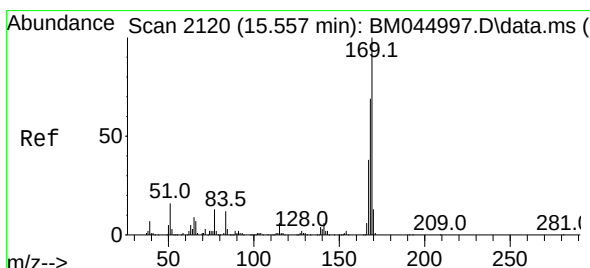
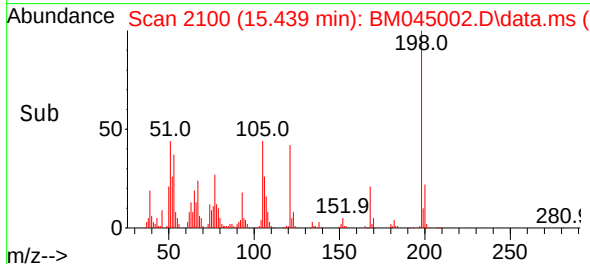
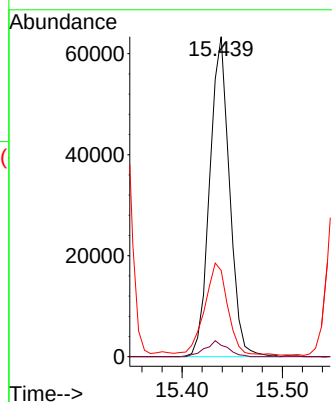
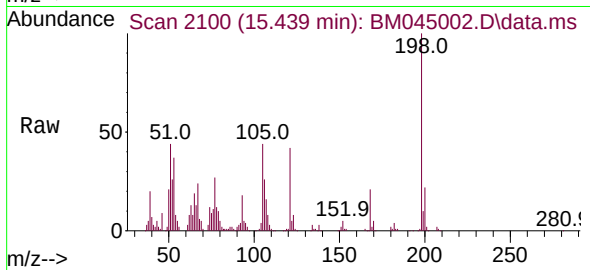




#66
4,6-Dinitro-2-methylphenol
Concen: 37.648 ng/ul
RT: 15.439 min Scan# 2100
Delta R.T. 0.000 min
Lab File: BM045002.D
Acq: 07 Apr 2024 11:11

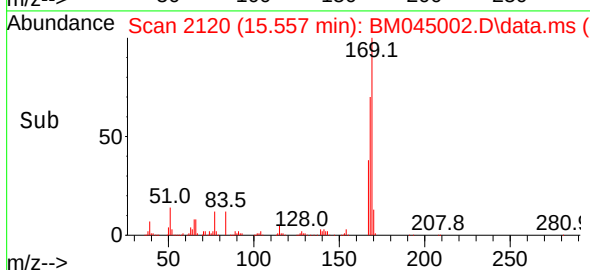
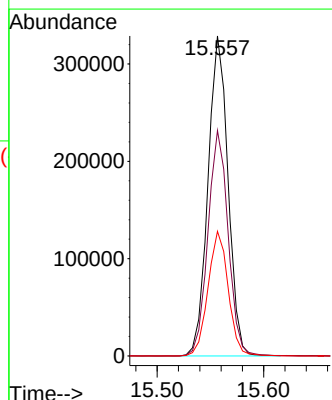
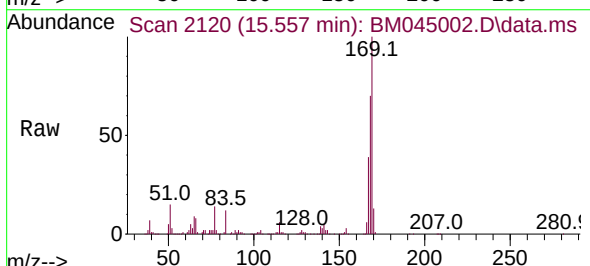
Instrument :
BNA_M
ClientSampleId :

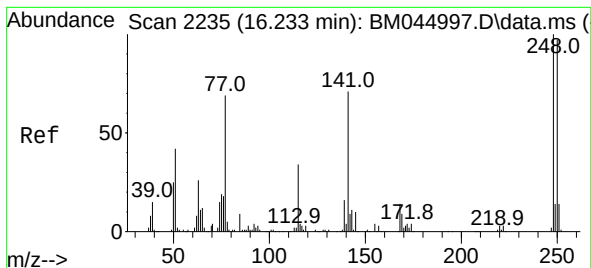
Tgt Ion:198 Resp: 87185
Ion Ratio Lower Upper
198 100
182 3.6 3.8 5.6#
77 27.0 24.6 37.0



#67
N-Nitrosodiphenylamine
Concen: 43.665 ng/ul
RT: 15.557 min Scan# 2120
Delta R.T. 0.000 min
Lab File: BM045002.D
Acq: 07 Apr 2024 11:11

Tgt Ion:169 Resp: 429596
Ion Ratio Lower Upper
169 100
168 70.5 56.7 85.1
167 38.9 31.2 46.8

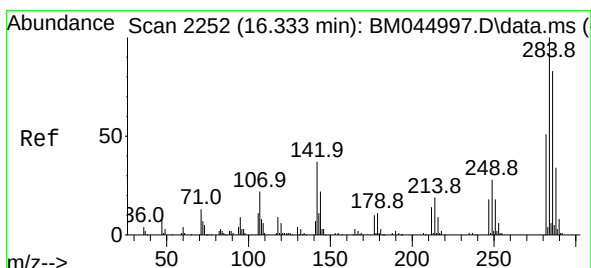
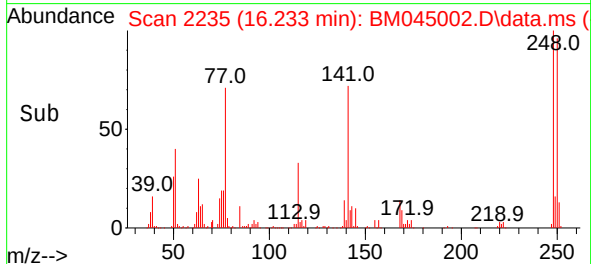
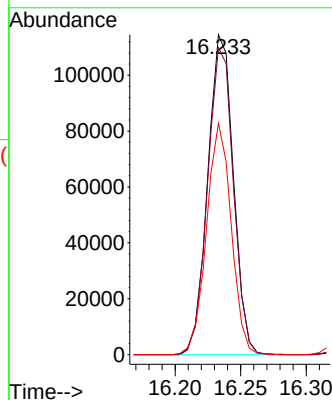
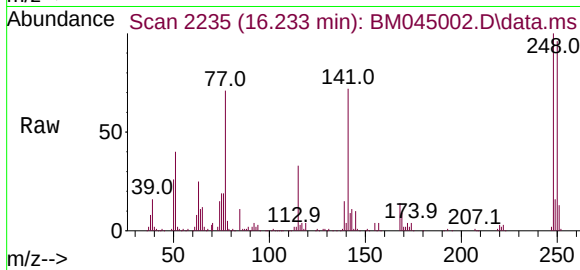




#68
4-Bromophenyl-phenylether
Concen: 43.803 ng/ul
RT: 16.233 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM045002.D
Acq: 07 Apr 2024 11:11

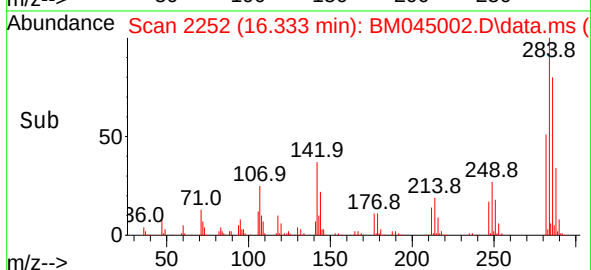
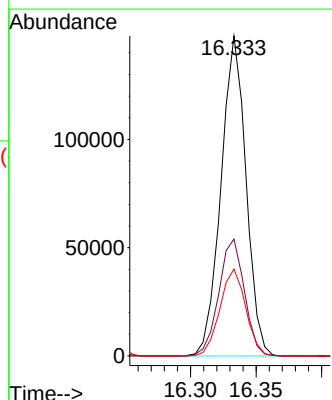
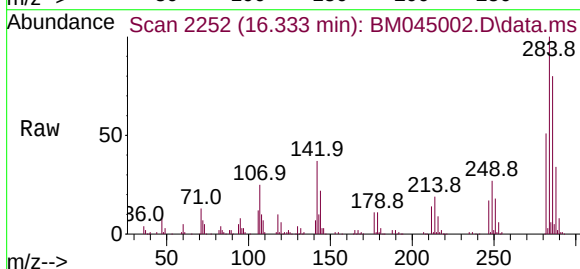
Instrument :
BNA_M
ClientSampleId :

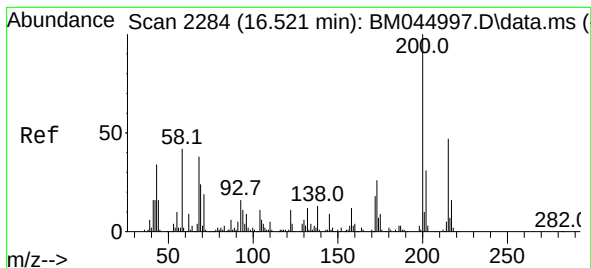
Tgt Ion:248 Resp: 155589
Ion Ratio Lower Upper
248 100
250 96.0 81.0 121.6
141 72.4 55.1 82.7



#69
Hexachlorobenzene
Concen: 42.433 ng/ul
RT: 16.333 min Scan# 2252
Delta R.T. 0.000 min
Lab File: BM045002.D
Acq: 07 Apr 2024 11:11

Tgt Ion:284 Resp: 196060
Ion Ratio Lower Upper
284 100
142 34.5 27.3 40.9
249 25.6 23.6 35.4





#70

Atrazine

Concen: 21.417 ng/ul

RT: 16.521 min Scan# 21

Delta R.T. 0.000 min

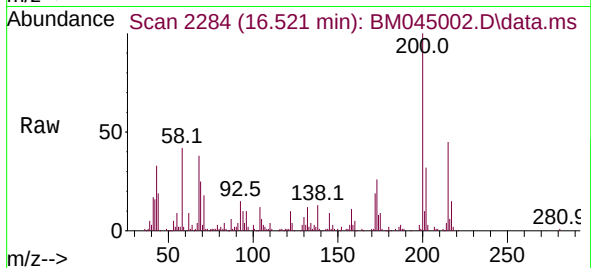
Lab File: BM045002.D

Acq: 07 Apr 2024 11:11

Instrument :

BNA_M

ClientSampleId :



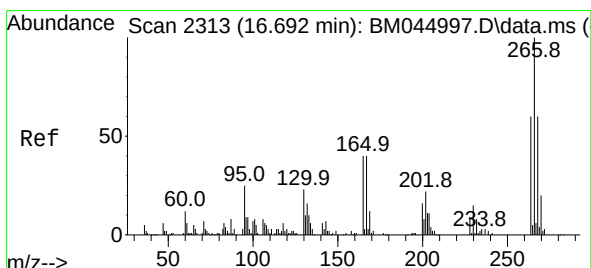
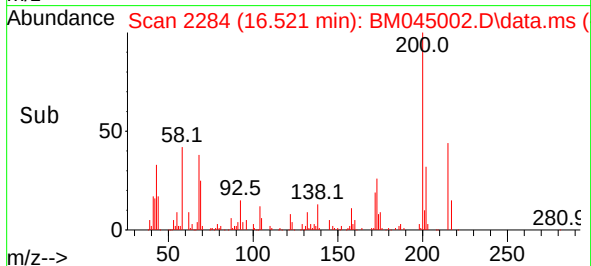
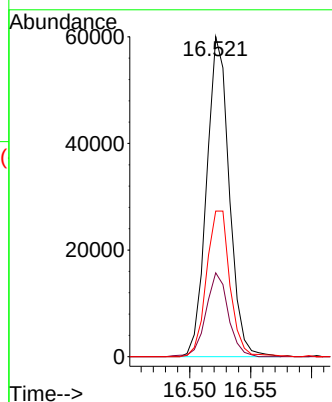
Tgt Ion:200 Resp: 77506

Ion Ratio Lower Upper

200 100

173 26.2 20.3 30.5

215 45.5 37.9 56.9



#71

Pentachlorophenol

Concen: 37.294 ng/ul

RT: 16.686 min Scan# 2312

Delta R.T. -0.006 min

Lab File: BM045002.D

Acq: 07 Apr 2024 11:11

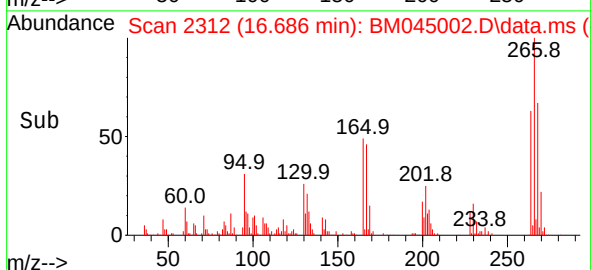
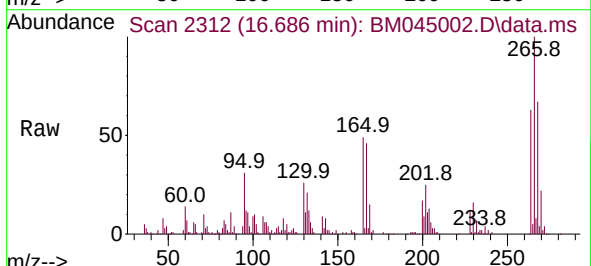
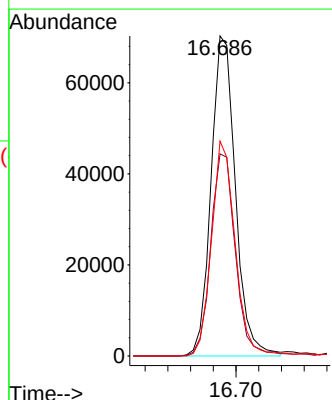
Tgt Ion:266 Resp: 104672

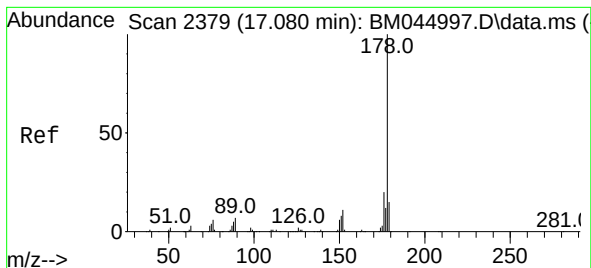
Ion Ratio Lower Upper

266 100

264 63.2 49.3 73.9

268 67.1 53.3 79.9





#72

Phenanthrene

Concen: 41.995 ng/ul

RT: 17.080 min Scan# 2379

Delta R.T. 0.000 min

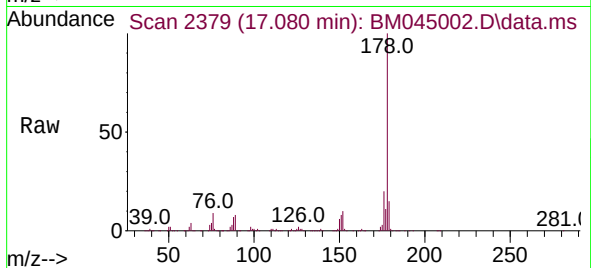
Lab File: BM045002.D

Acq: 07 Apr 2024 11:11

Instrument :

BNA_M

ClientSampleId :



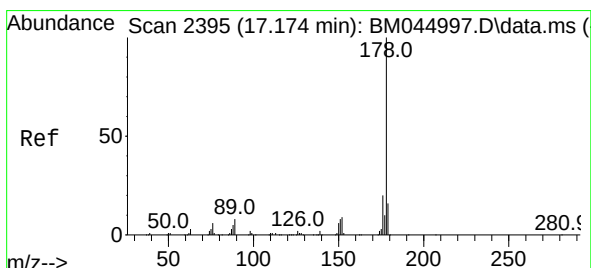
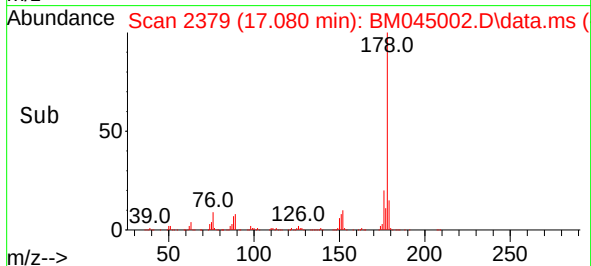
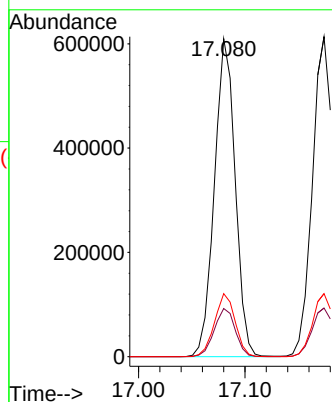
Tgt Ion:178 Resp: 824201

Ion Ratio Lower Upper

178 100

179 15.2 11.9 17.9

176 19.8 15.4 23.2



#74

Anthracene

Concen: 42.214 ng/ul

RT: 17.174 min Scan# 2395

Delta R.T. 0.000 min

Lab File: BM045002.D

Acq: 07 Apr 2024 11:11

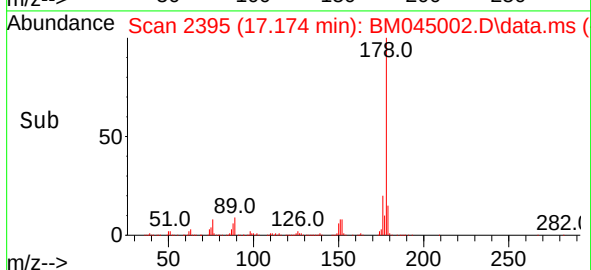
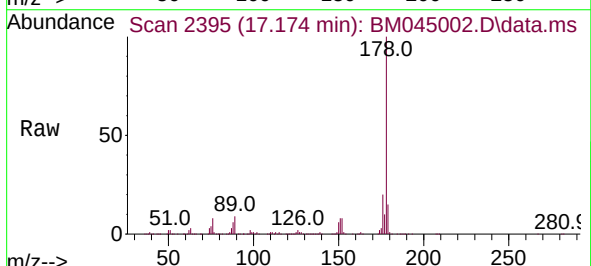
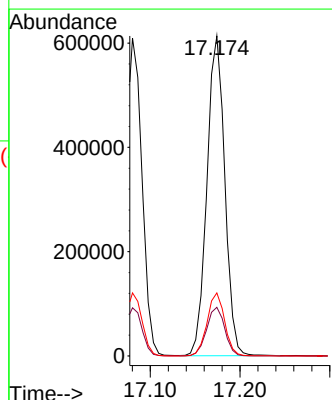
Tgt Ion:178 Resp: 847492

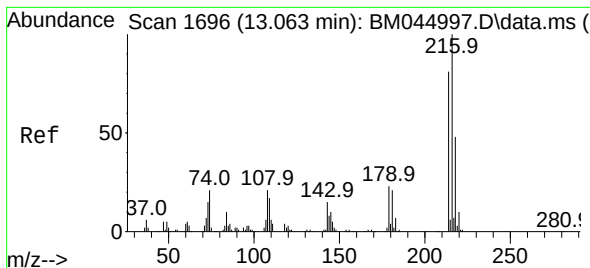
Ion Ratio Lower Upper

178 100

179 15.2 12.3 18.5

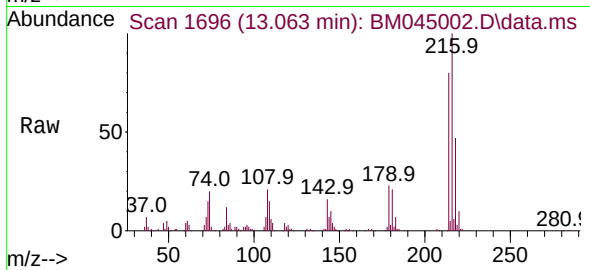
176 19.7 15.8 23.6



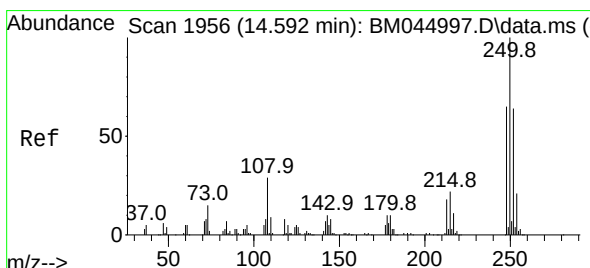
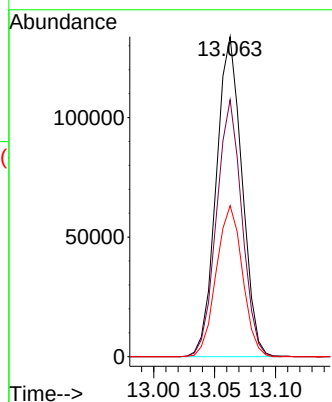
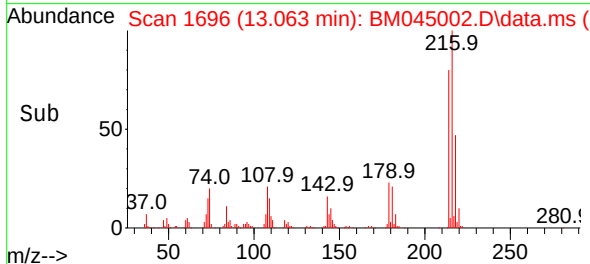


#75
1,2,3,4-Tetrachlorobenzene
Concen: 42.910 ng/uL
RT: 13.063 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM045002.D
Acq: 07 Apr 2024 11:11

Instrument :
BNA_M
ClientSampleId :

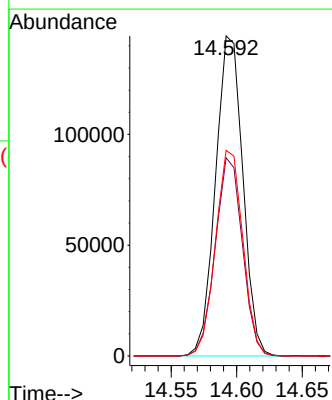
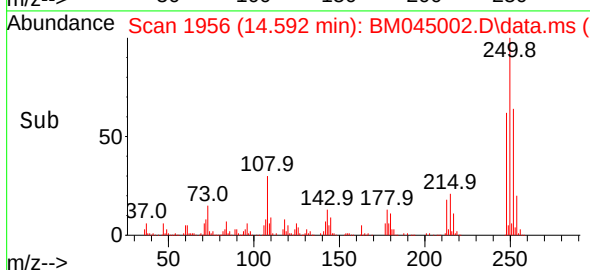
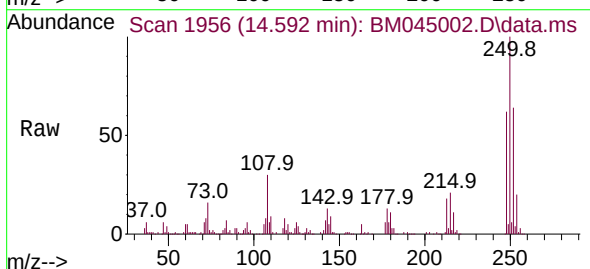


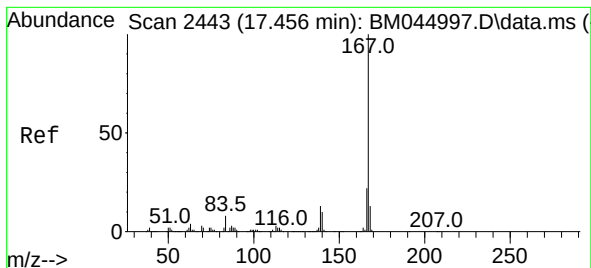
Tgt Ion:216 Resp: 197244
Ion Ratio Lower Upper
216 100
214 80.3 64.1 96.1
218 47.2 38.6 58.0



#76
Pentachlorobenzene
Concen: 42.745 ng/uL
RT: 14.592 min Scan# 1956
Delta R.T. 0.000 min
Lab File: BM045002.D
Acq: 07 Apr 2024 11:11

Tgt Ion:250 Resp: 209059
Ion Ratio Lower Upper
250 100
248 61.9 49.8 74.6
252 64.3 49.4 74.2





#77

Carbazole

Concen: 40.288 ng/ul

RT: 17.456 min Scan# 2443

Delta R.T. 0.000 min

Lab File: BM045002.D

Acq: 07 Apr 2024 11:11

Instrument :

BNA_M

ClientSampleId :

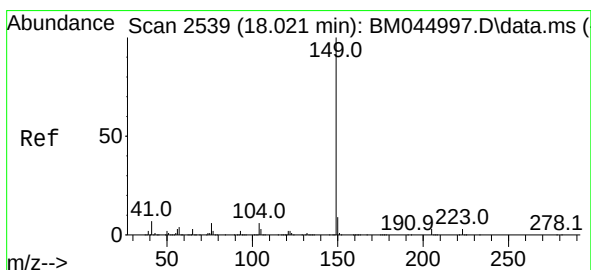
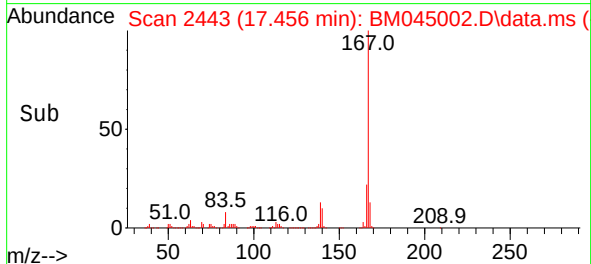
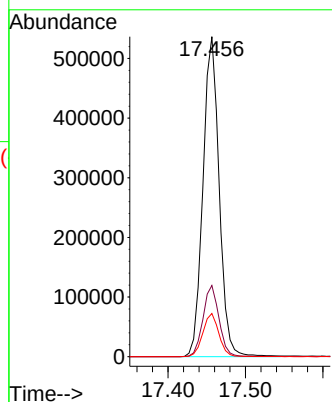
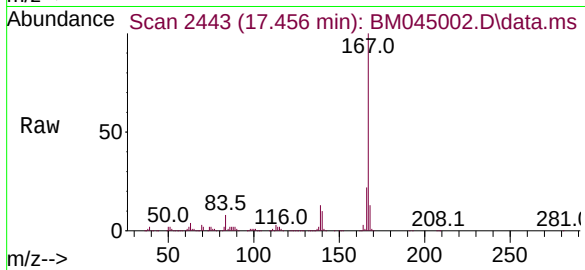
Tgt Ion:167 Resp: 779904

Ion Ratio Lower Upper

167 100

166 22.2 17.3 25.9

139 13.5 10.7 16.1



#78

Di-n-butylphthalate

Concen: 44.870 ng/ul

RT: 18.021 min Scan# 2539

Delta R.T. 0.000 min

Lab File: BM045002.D

Acq: 07 Apr 2024 11:11

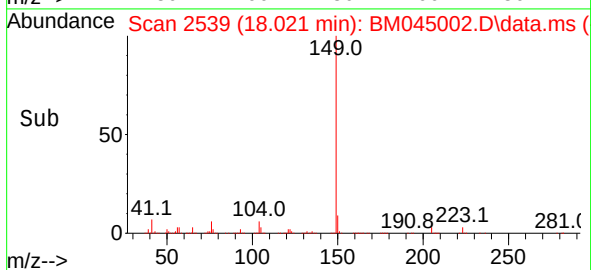
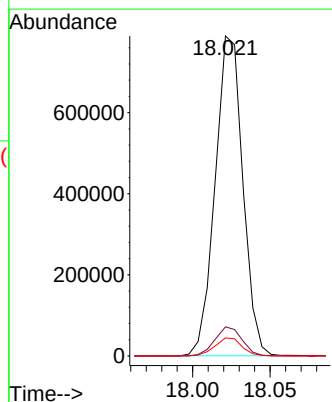
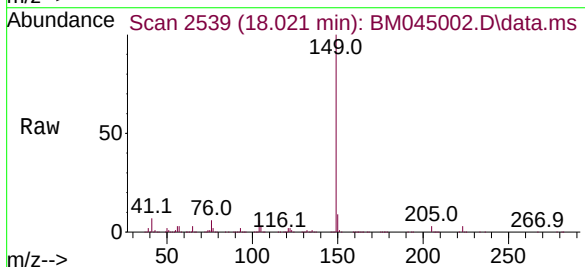
Tgt Ion:149 Resp: 979576

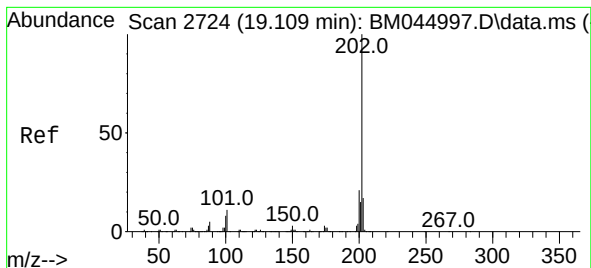
Ion Ratio Lower Upper

149 100

150 9.1 7.2 10.8

104 5.6 4.3 6.5

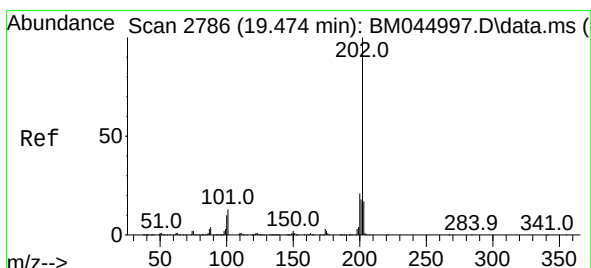
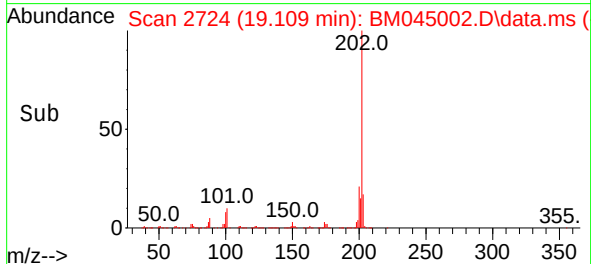
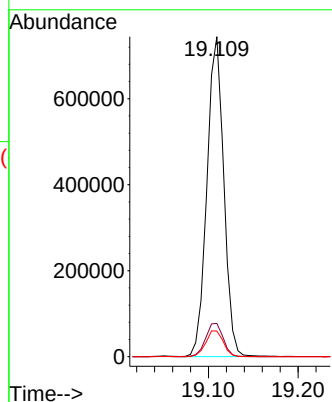
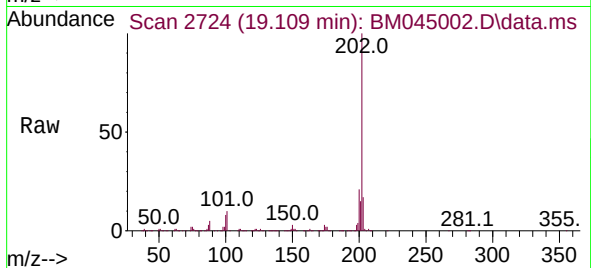




#80
Fluoranthene
Concen: 46.026 ng/ul
RT: 19.109 min Scan# 2724
Delta R.T. 0.000 min
Lab File: BM045002.D
Acq: 07 Apr 2024 11:11

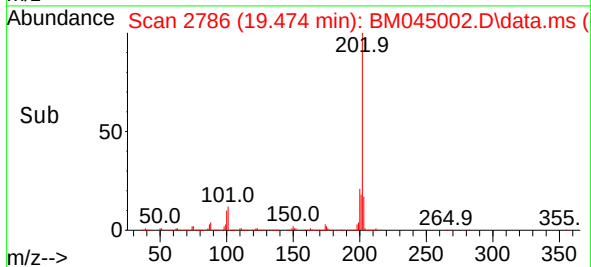
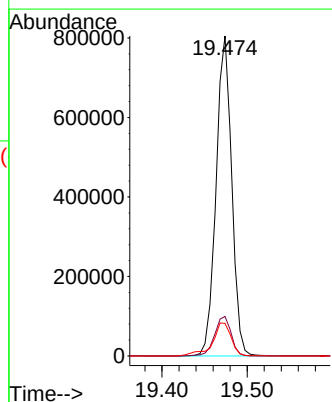
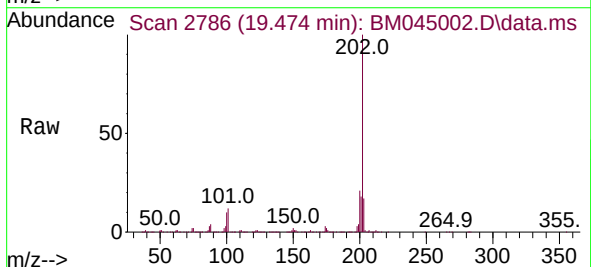
Instrument :
BNA_M
ClientSampleId :

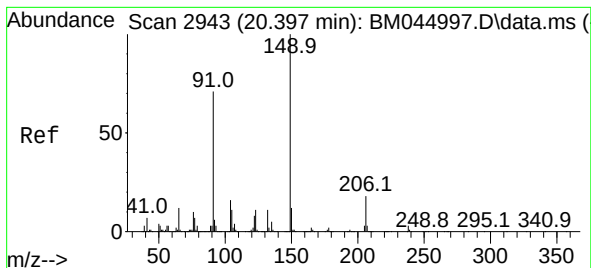
Tgt Ion:202 Resp: 970052
Ion Ratio Lower Upper
202 100
101 10.4 8.7 13.1
100 8.0 6.3 9.5



#82
Pyrene
Concen: 45.275 ng/ul
RT: 19.474 min Scan# 2786
Delta R.T. 0.000 min
Lab File: BM045002.D
Acq: 07 Apr 2024 11:11

Tgt Ion:202 Resp: 1029731
Ion Ratio Lower Upper
202 100
101 12.4 10.2 15.4
100 10.2 8.5 12.7





#83

Butylbenzylphthalate

Concen: 48.665 ng/ul

RT: 20.397 min Scan# 2943

Delta R.T. 0.000 min

Lab File: BM045002.D

Acq: 07 Apr 2024 11:11

Instrument :

BNA_M

ClientSampleId :

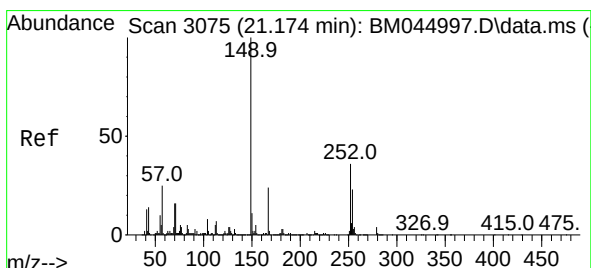
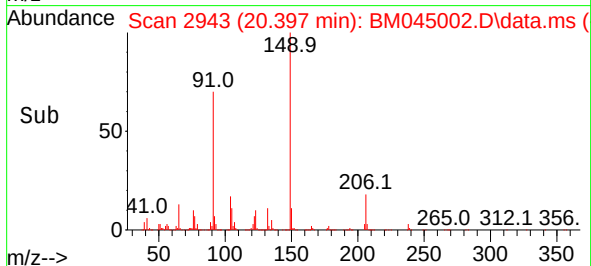
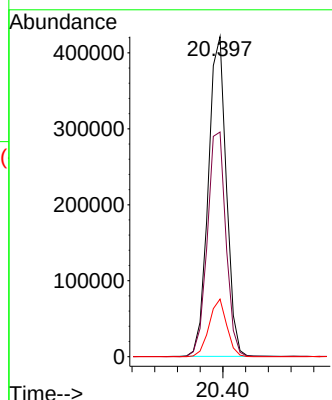
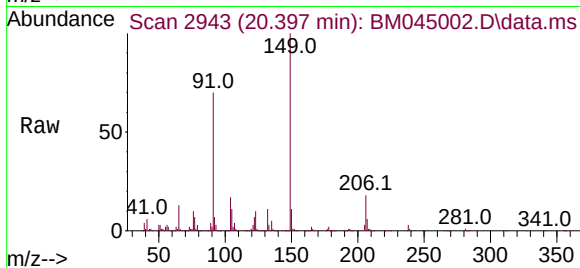
Tgt Ion:149 Resp: 463729

Ion Ratio Lower Upper

149 100

91 70.2 56.2 84.4

206 18.0 14.3 21.5



#84

3,3'-Dichlorobenzidine

Concen: 40.650 ng/ul

RT: 21.174 min Scan# 3075

Delta R.T. 0.000 min

Lab File: BM045002.D

Acq: 07 Apr 2024 11:11

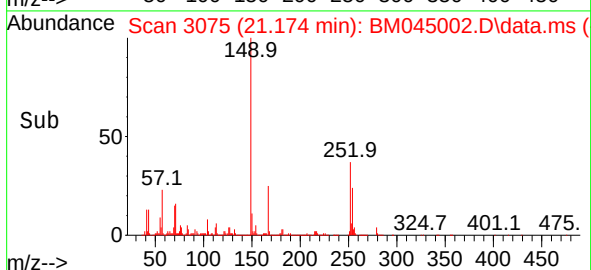
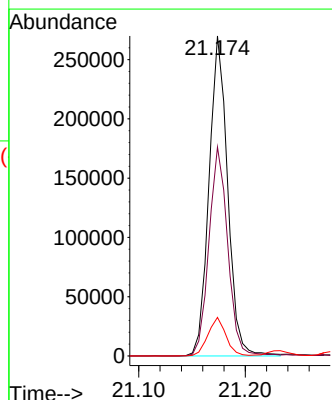
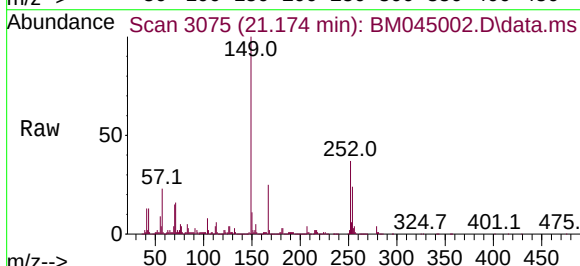
Tgt Ion:252 Resp: 328013

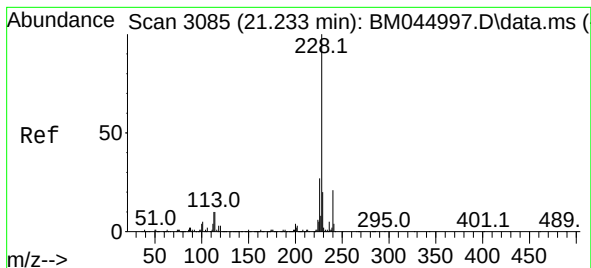
Ion Ratio Lower Upper

252 100

254 65.3 53.9 80.9

126 12.0 9.0 13.4





#85

Benzo(a)anthracene

Concen: 42.515 ng/ul

RT: 21.233 min Scan# 3085

Delta R.T. 0.000 min

Lab File: BM045002.D

Acq: 07 Apr 2024 11:11

Instrument :

BNA_M

ClientSampleId :

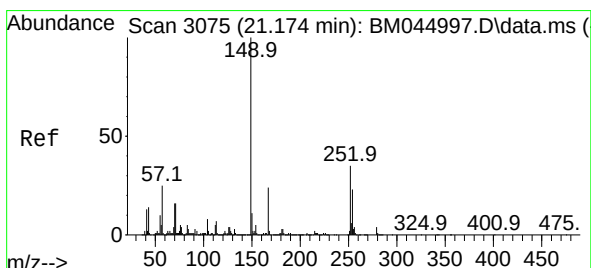
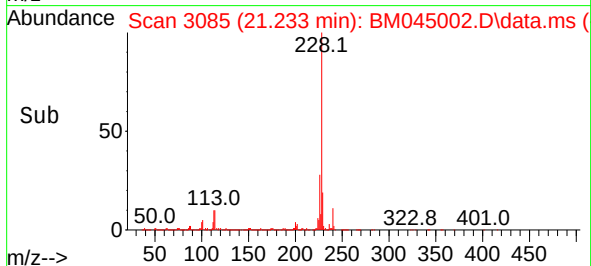
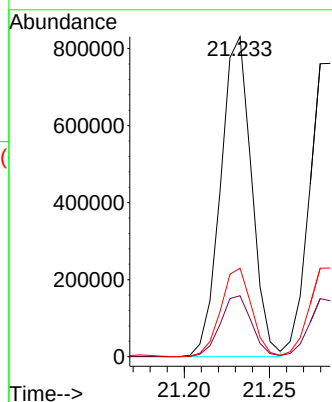
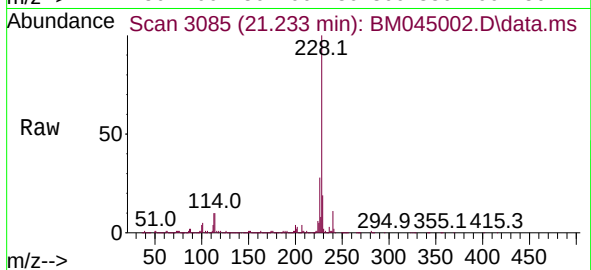
Tgt Ion:228 Resp: 1046882

Ion Ratio Lower Upper

228 100

229 19.0 15.5 23.3

226 27.6 21.8 32.6



#86

Bis(2-ethylhexyl)phthalate

Concen: 49.930 ng/ul

RT: 21.174 min Scan# 3075

Delta R.T. 0.000 min

Lab File: BM045002.D

Acq: 07 Apr 2024 11:11

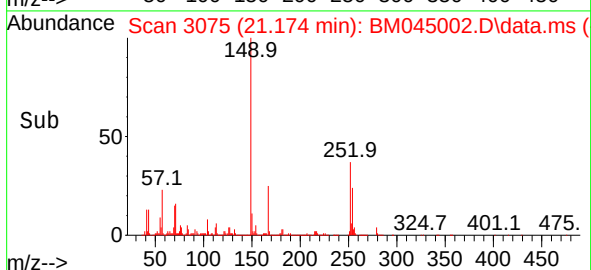
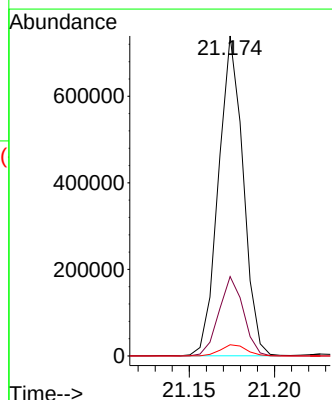
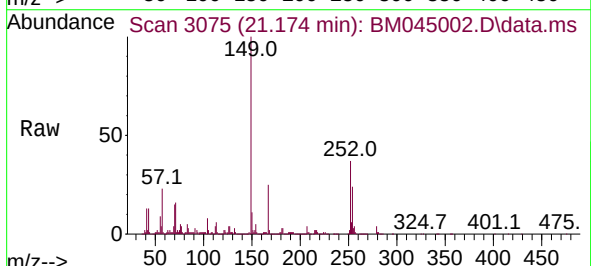
Tgt Ion:149 Resp: 743722

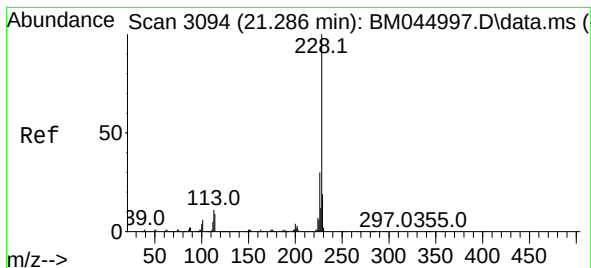
Ion Ratio Lower Upper

149 100

167 24.8 19.7 29.5

279 3.5 3.3 4.9





#87

Chrysene

Concen: 42.025 ng/ul

RT: 21.286 min Scan# 3094

Delta R.T. 0.000 min

Lab File: BM045002.D

Acq: 07 Apr 2024 11:11

Instrument :

BNA_M

ClientSampleId :

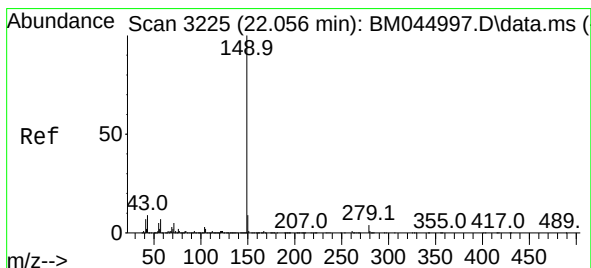
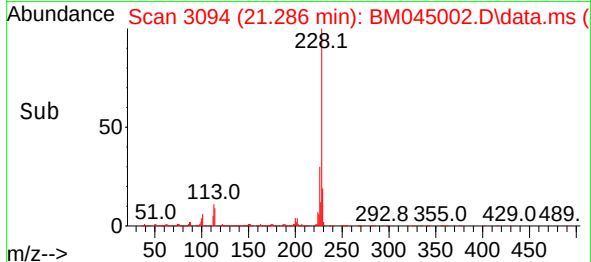
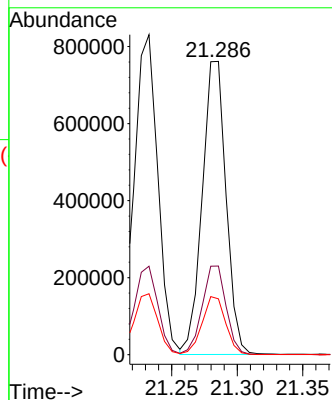
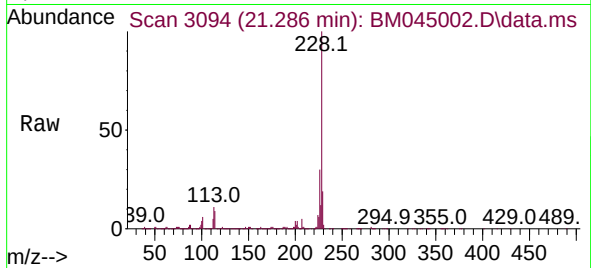
Tgt Ion:228 Resp: 964685

Ion Ratio Lower Upper

228 100

226 30.2 24.3 36.5

229 19.1 15.7 23.5



#89

Di-n-octyl phthalate

Concen: 47.260 ng/ul

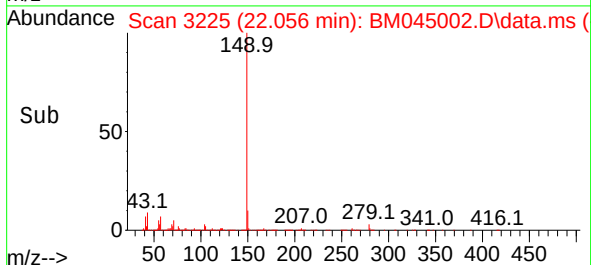
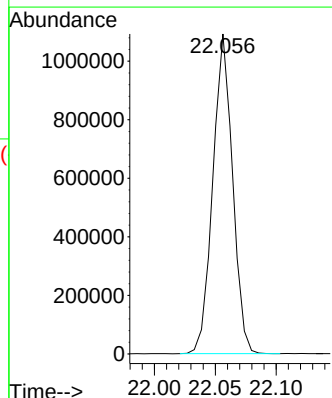
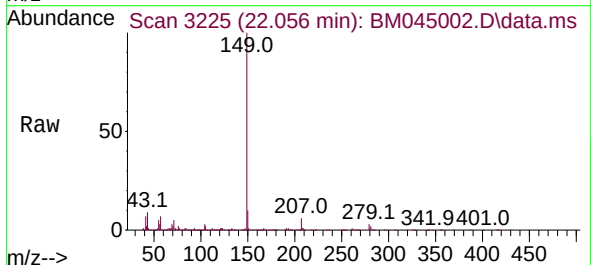
RT: 22.056 min Scan# 3225

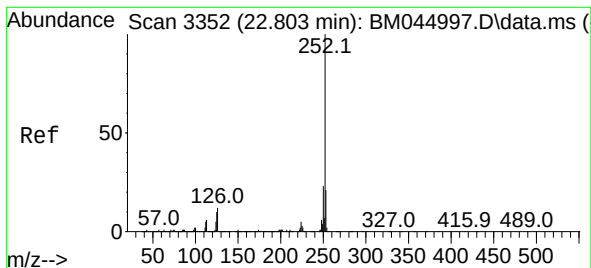
Delta R.T. 0.000 min

Lab File: BM045002.D

Acq: 07 Apr 2024 11:11

Tgt Ion:149 Resp: 1232419





#90

Benzo(b)fluoranthene

Concen: 44.249 ng/ul

RT: 22.803 min Scan# 3352

Delta R.T. 0.000 min

Lab File: BM045002.D

Acq: 07 Apr 2024 11:11

Instrument :

BNA_M

ClientSampleId :

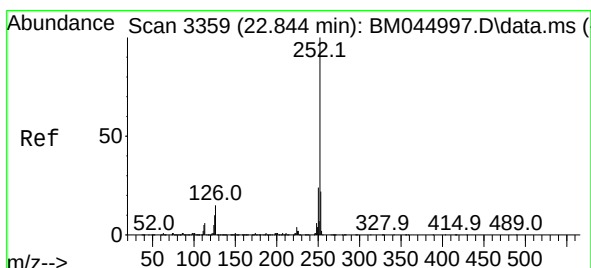
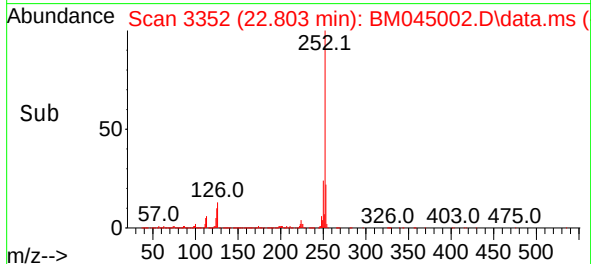
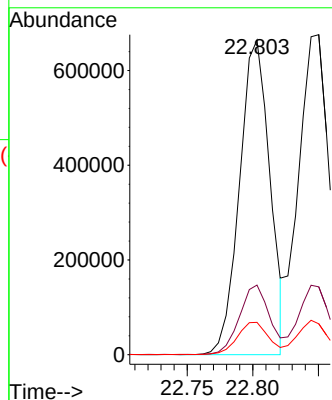
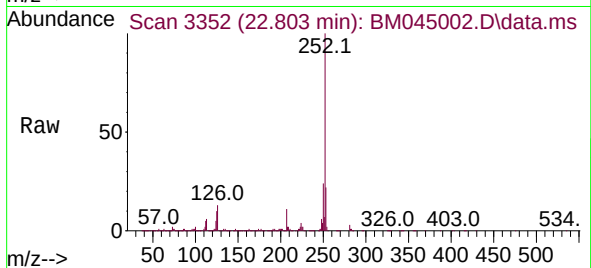
Tgt Ion:252 Resp: 1068909

Ion Ratio Lower Upper

252 100

253 22.1 18.0 27.0

125 10.3 8.2 12.4



#91

Benzo(k)fluoranthene

Concen: 45.388 ng/ul

RT: 22.850 min Scan# 3360

Delta R.T. 0.006 min

Lab File: BM045002.D

Acq: 07 Apr 2024 11:11

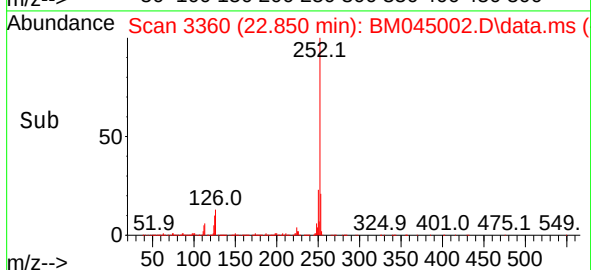
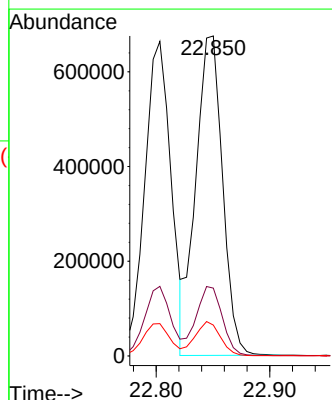
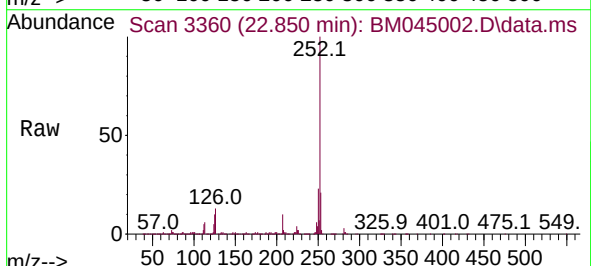
Tgt Ion:252 Resp: 1103570

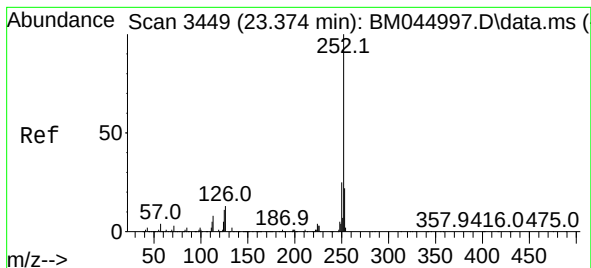
Ion Ratio Lower Upper

252 100

253 21.2 17.5 26.3

125 9.7 8.5 12.7





#93

Benzo(a)pyrene

Concen: 43.771 ng/ul

RT: 23.374 min Scan# 3449

Delta R.T. 0.000 min

Lab File: BM045002.D

Acq: 07 Apr 2024 11:11

Instrument :

BNA_M

ClientSampleId :

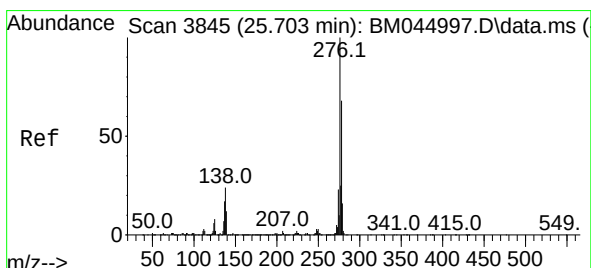
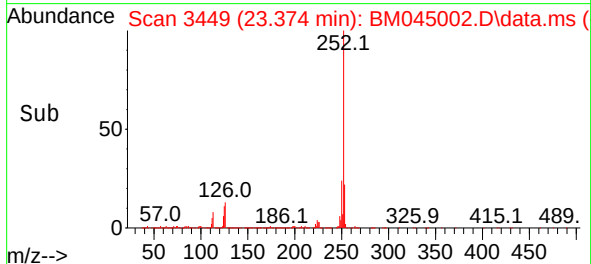
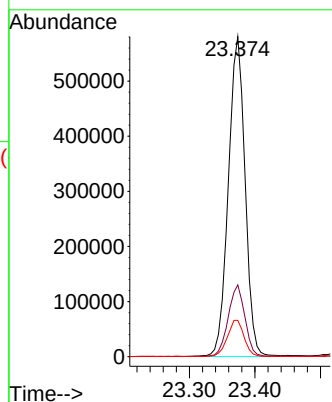
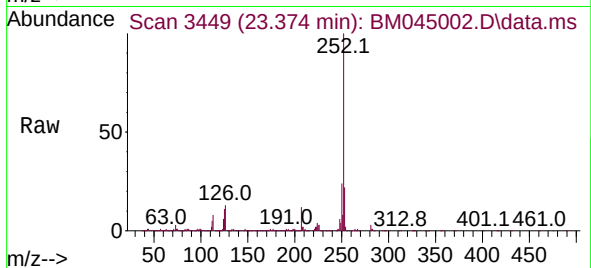
Tgt Ion:252 Resp: 1029050

Ion Ratio Lower Upper

252 100

253 22.5 17.6 26.4

125 11.3 8.8 13.2



#94

Indeno(1,2,3-cd)pyrene

Concen: 42.603 ng/ul

RT: 25.703 min Scan# 3845

Delta R.T. 0.000 min

Lab File: BM045002.D

Acq: 07 Apr 2024 11:11

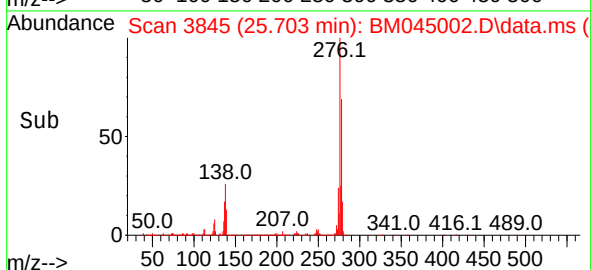
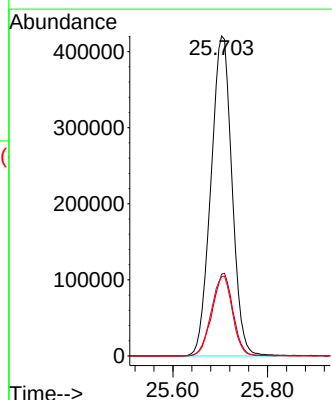
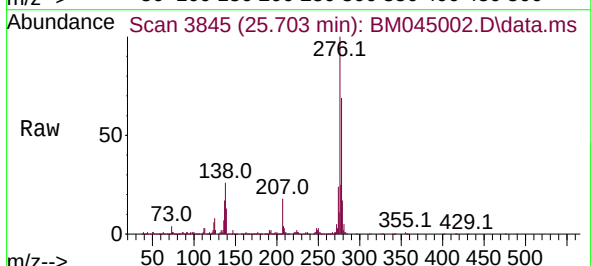
Tgt Ion:276 Resp: 1297422

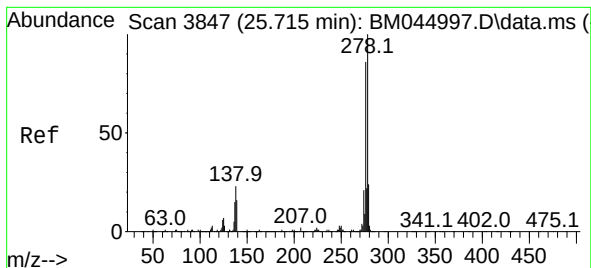
Ion Ratio Lower Upper

276 100

138 25.6 19.0 28.6

277 24.9 19.9 29.9





#95

Dibenzo(a,h)anthracene

Concen: 42.891 ng/ul

RT: 25.715 min Scan# 3847

Delta R.T. 0.000 min

Lab File: BM045002.D

Acq: 07 Apr 2024 11:11

Instrument :

BNA_M

ClientSampleId :

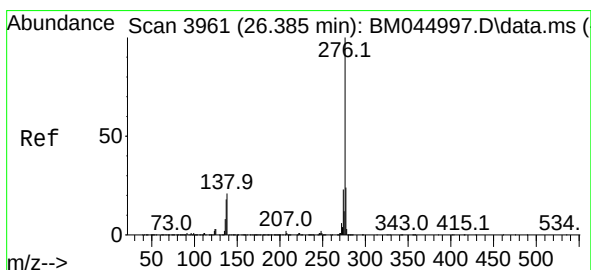
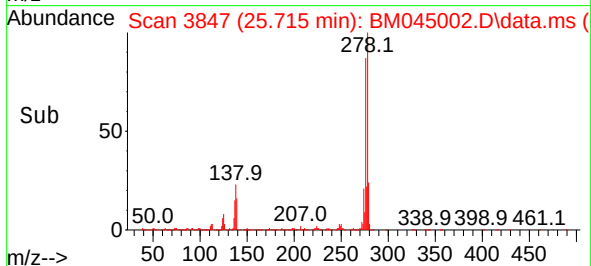
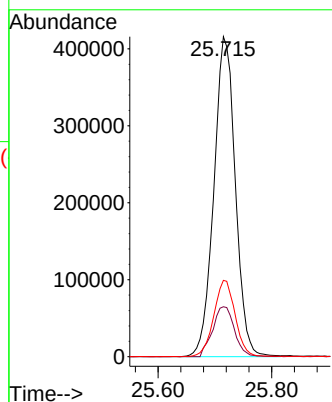
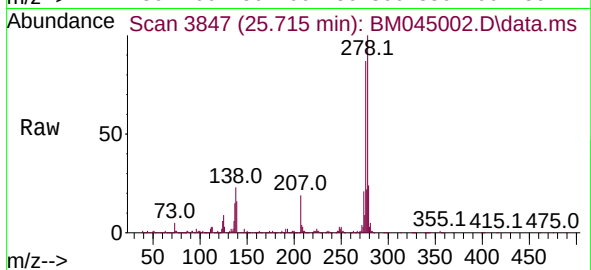
Tgt Ion:278 Resp: 1092072

Ion Ratio Lower Upper

278 100

139 15.6 11.9 17.9

279 23.9 19.4 29.2



#96

Benzo(g,h,i)perylene

Concen: 42.301 ng/ul

RT: 26.385 min Scan# 3961

Delta R.T. 0.000 min

Lab File: BM045002.D

Acq: 07 Apr 2024 11:11

Tgt Ion:276 Resp: 1016282

Ion Ratio Lower Upper

276 100

138 21.0 17.8 26.6

277 23.8 18.7 28.1

