

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072722\
 Data File : BM035956.D
 Acq On : 27 Jul 2022 18:25
 Operator : CG/JU
 Sample : N3874-02MS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Jul 27 23:13:58 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM072522.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Jul 27 03:28:49 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.887	152	253809	20.000	ng/u1	-0.01
20) Naphthalene-d8	10.692	136	1061975	20.000	ng/u1	-0.02
38) Acenaphthene-d10	14.527	164	630844	20.000	ng/u1	-0.01
64) Phenanthrene-d10	17.262	188	1252277	20.000	ng/u1	-0.02
79) Chrysene-d12	21.445	240	1110385	20.000	ng/u1	-0.02
88) Perylene-d12	23.821	264	1142182	20.000	ng/u1	-0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.275	96	30356	4.501	ng/uL	0.00
4) Pyridine-d5	3.705	84	185452	10.036	ng/u1	0.00
7) Phenol-d5	7.051	99	152787	7.178	ng/u1	-0.02
9) Bis-(2-Chloroethyl)eth...	7.222	67	409886	28.888	ng/u1	0.00
11) 2-Chlorophenol-d4	7.416	132	447035	25.303	ng/u1	-0.01
15) 4-Methylphenol-d8	8.604	113	278437	16.148	ng/u1	-0.02
21) Nitrobenzene-d5	9.057	128	290243	34.490	ng/u1	-0.01
24) 2-Nitrophenol-d4	9.781	143	288785	35.223	ng/u1	-0.01
28) 2,4-Dichlorophenol-d3	10.316	165	475835	32.089	ng/u1	-0.02
31) 4-Chloroaniline-d4	10.833	131	659507	26.272	ng/u1	-0.02
46) Dimethylphthalate-d6	13.945	166	1689713	39.322	ng/u1	0.00
49) Acenaphthylene-d8	14.221	160	1993777	36.365	ng/u1	-0.01
54) 4-Nitrophenol-d4	14.727	143	73771	8.360	ng/u1	-0.02
60) Fluorene-d10	15.516	176	1434936	36.953	ng/u1	-0.01
65) 4,6-Dinitro-2-methylph...	15.645	200	257743	38.290	ng/u1	-0.02
73) Anthracene-d10	17.368	188	2219732	39.207	ng/u1	-0.01
81) Pyrene-d10	19.656	212	2477562	40.259	ng/u1	-0.01
92) Benzo(a)pyrene-d12	23.668	264	2299641	39.658	ng/u1	-0.02
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.310	88	145201	20.773	ng/uL	95
5) Pyridine	3.722	79	215460	11.111	ng/u1	90
6) Benzaldehyde	7.028	77	474478	53.114	ng/u1	95
8) Phenol	7.081	94	177653	7.627	ng/u1	98
10) Bis(2-Chloroethyl)ether	7.316	93	575250	30.720	ng/u1	95
12) 2-Chlorophenol	7.451	128	467207	25.779	ng/u1	97
13) 2-Methylphenol	8.340	108	342457	19.681	ng/u1	93
14) 2,2'-oxybis(1-Chloropr...	8.428	45	756798	30.618	ng/u1	98
16) Acetophenone	8.716	105	880146	31.793	ng/u1	98
17) N-Nitroso-di-n-propyla...	8.704	70	449979	32.594	ng/u1	93
18) 4-Methylphenol	8.669	108	320557	17.172	ng/u1	97
19) Hexachloroethane	8.969	117	245200	32.791	ng/u1	94
22) Nitrobenzene	9.098	77	643251	33.404	ng/u1	96
23) Isophorone	9.628	82	1273355	35.029	ng/u1	99
25) 2-Nitrophenol	9.810	139	318551	35.022	ng/u1	96
26) 2,4-Dimethylphenol	9.875	107	460914	24.799	ng/u1	99
27) Bis(2-Chloroethoxy)met...	10.110	93	765208	33.377	ng/u1	99
29) 2,4-Dichlorophenol	10.345	162	495926	32.223	ng/u1	98
30) Naphthalene	10.745	128	1894323	33.795	ng/u1	99
32) 4-Chloroaniline	10.857	127	669898	26.864	ng/u1	99
33) Hexachlorobutadiene	11.028	225	335726	35.335	ng/u1	99
34) Caprolactam	11.669	113	33046	6.497	ng/u1	86
35) 4-Chloro-3-methylphenol	11.980	107	497767	31.104	ng/u1	98
36) 2-Methylnaphthalene	12.357	142	1265038	34.495	ng/u1	100

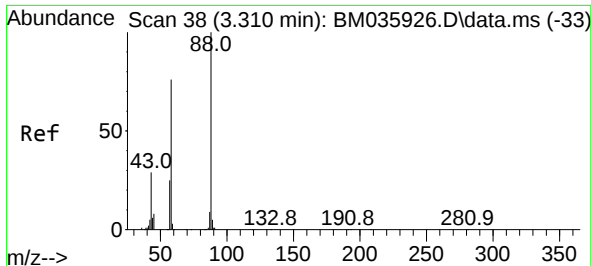
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.575	142	1268424	34.313	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.722	216	622920	34.689	ng/ul	99
40) Hexachlorocyclopentadiene	12.698	237	325277	27.198	ng/ul	97
41) 2,4,6-Trichlorophenol	12.963	196	428534	37.291	ng/ul	99
42) 2,4,5-Trichlorophenol	13.033	196	465767	37.985	ng/ul	99
43) 1,1'-Biphenyl	13.363	154	1680692	34.614	ng/ul	99
44) 2-Chloronaphthalene	13.404	162	1298072	34.834	ng/ul	99
45) 2-Nitroaniline	13.616	65	407436	39.659	ng/ul	95
47) Dimethylphthalate	13.992	163	1742726	40.319	ng/ul	100
48) 2,6-Dinitrotoluene	14.110	165	365350	42.574	ng/ul	96
50) Acenaphthylene	14.251	152	2188259	36.079	ng/ul	100
51) 3-Nitroaniline	14.439	138	379546	40.020	ng/ul	95
52) Acenaphthene	14.592	153	1397209	35.509	ng/ul	99
53) 2,4-Dinitrophenol	14.645	184	181223	37.193	ng/ul	99
55) 4-Nitrophenol	14.745	109	56387	8.355	ng/ul	85
56) Dibenzofuran	14.927	168	2025137	37.198	ng/ul	99
57) 2,4-Dinitrotoluene	14.898	165	523169	43.249	ng/ul	93
58) 2,3,4,6-Tetrachlorophenol	15.151	232	391641	40.651	ng/ul#	96
59) Diethylphthalate	15.351	149	1866132	42.683	ng/ul	99
61) Fluorene	15.568	166	1667383	37.492	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.568	204	802542	37.663	ng/ul	97
63) 4-Nitroaniline	15.598	138	403234	46.183	ng/ul	93
66) 4,6-Dinitro-2-methylph...	15.657	198	264730	39.302	ng/ul#	98
67) N-Nitrosodiphenylamine	15.780	169	1432019	38.897	ng/ul	99
68) 4-Bromophenyl-phenylether	16.457	248	503603	41.021	ng/ul	98
69) Hexachlorobenzene	16.568	284	607056	40.583	ng/ul	98
70) Atrazine	16.733	200	536505	42.015	ng/ul	98
71) Pentachlorophenol	16.915	266	344833	37.735	ng/ul	99
72) Phenanthrene	17.310	178	2644846	39.406	ng/ul	98
74) Anthracene	17.404	178	2683952	39.851	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.327	216	639390	32.833	ng/uL	98
76) Pentachlorobenzene	14.845	250	669364	37.918	ng/uL	99
77) Carbazole	17.674	167	2517429	40.471	ng/ul	99
78) Di-n-butylphthalate	18.239	149	3237611	46.131	ng/ul	100
80) Fluoranthene	19.321	202	3038550	41.326	ng/ul	98
82) Pyrene	19.686	202	3088788	40.757	ng/ul	95
83) Butylbenzylphthalate	20.580	149	1337851	48.537	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.362	252	903769	44.107	ng/ul	98
85) Benzo(a)anthracene	21.427	228	2870232	41.068	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.356	149	1932757	48.528	ng/ul	99
87) Chrysene	21.480	228	2796157	41.004	ng/ul	98
89) Di-n-octyl phthalate	22.274	149	3176335	43.064	ng/ul	100
90) Benzo(b)fluoranthene	23.097	252	3015066	39.554	ng/ul#	97
91) Benzo(k)fluoranthene	23.144	252	2783679	38.483	ng/ul#	97
93) Benzo(a)pyrene	23.721	252	2898471	39.921	ng/ul#	96
94) Indeno(1,2,3-cd)pyrene	26.309	276	3446902	44.539	ng/ul#	93
95) Dibenzo(a,h)anthracene	26.321	278	2967274	44.691	ng/ul	96
96) Benzo(g,h,i)perylene	27.068	276	2902360	45.256	ng/ul	95

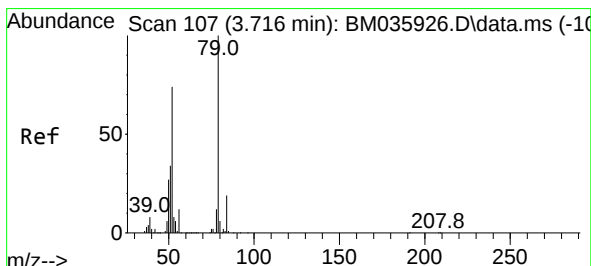
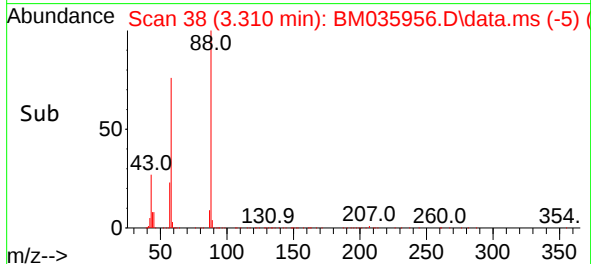
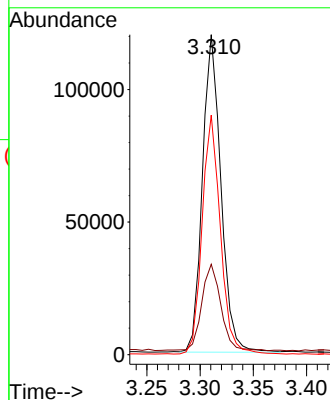
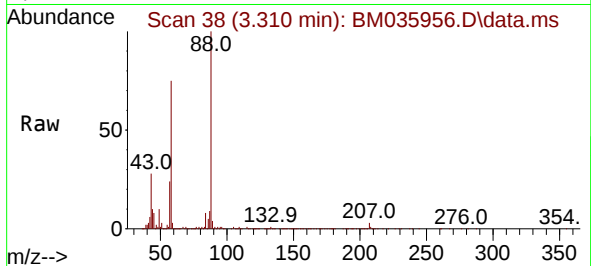
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#2
1,4-Dioxane
Concen: 20.773 ng/uL
RT: 3.310 min Scan# 31
Delta R.T. -0.006 min
Lab File: BM035956.D
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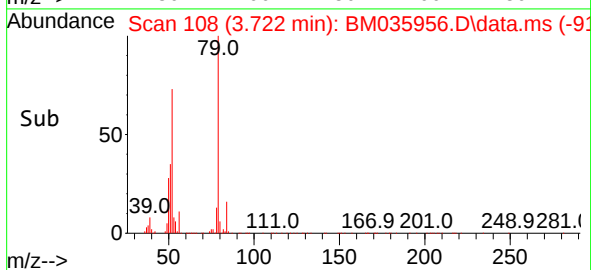
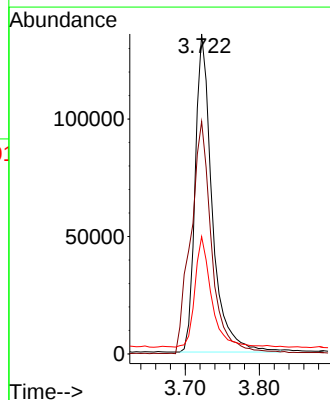
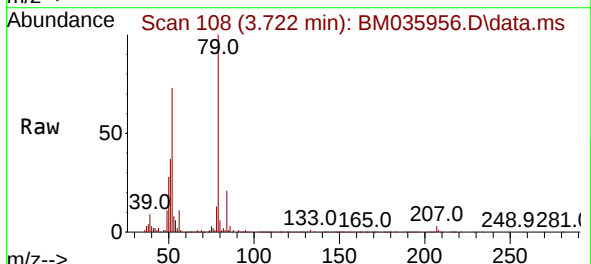
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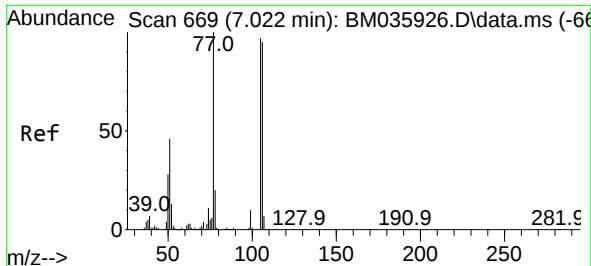
Tgt Ion: 88 Resp: 145201
Ion Ratio Lower Upper
88 100
43 28.3 27.8 41.8
58 74.9 61.8 92.8



#5
Pyridine
Concen: 11.111 ng/uL
RT: 3.722 min Scan# 108
Delta R.T. -0.000 min
Lab File: BM035956.D
Acq: 27 Jul 2022 18:25

Tgt Ion: 79 Resp: 215460
Ion Ratio Lower Upper
79 100
52 72.7 67.8 101.6
51 36.7 31.4 47.0

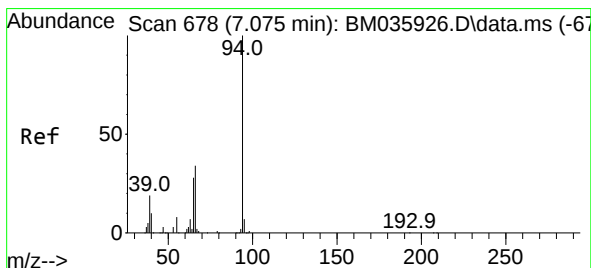
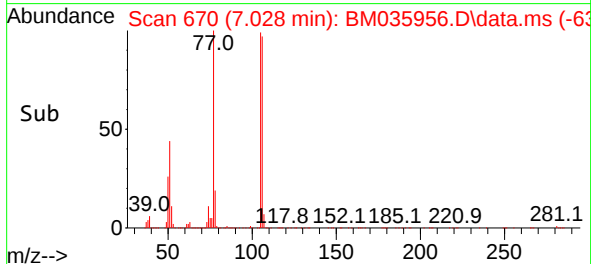
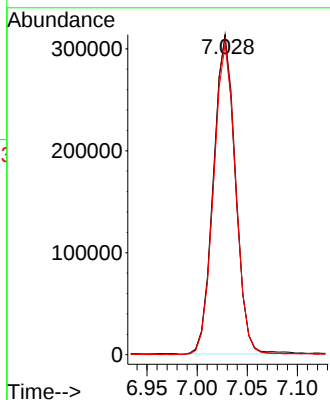
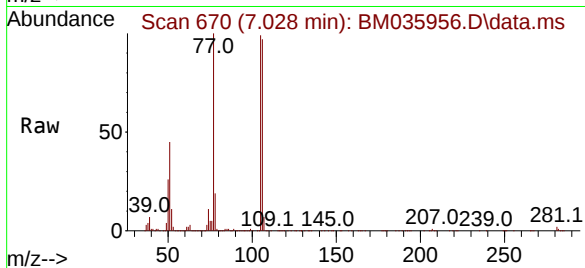




#6
Benzaldehyde
Concen: 53.114 ng/ul
RT: 7.028 min Scan# 670
Delta R.T. -0.012 min
Lab File: BM035956.D
Acq: 27 Jul 2022 18:25

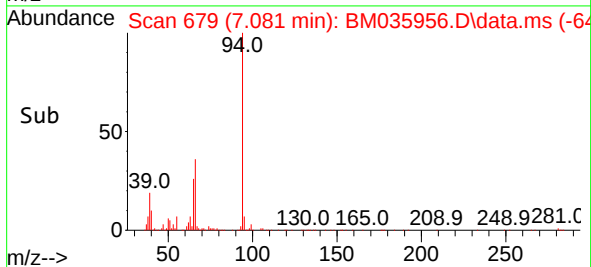
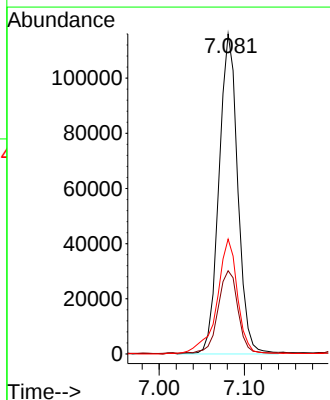
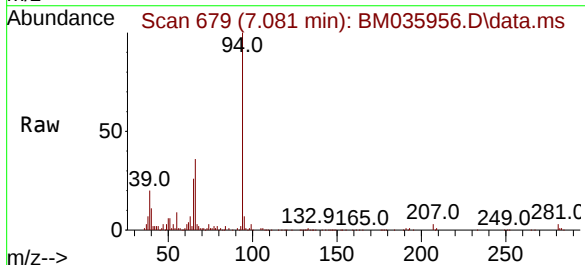
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ClientSampleId :

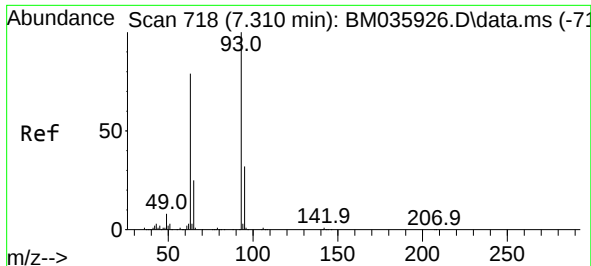
Tgt Ion: 77 Resp: 474478
Ion Ratio Lower Upper
77 100
105 99.3 84.6 127.0
106 96.9 80.3 120.5



#8
Phenol
Concen: 7.627 ng/ul
RT: 7.081 min Scan# 679
Delta R.T. -0.018 min
Lab File: BM035956.D
Acq: 27 Jul 2022 18:25

Tgt Ion: 94 Resp: 177653
Ion Ratio Lower Upper
94 100
65 26.0 21.3 31.9
66 35.9 27.4 41.0



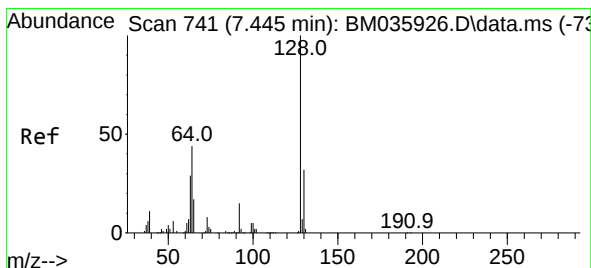
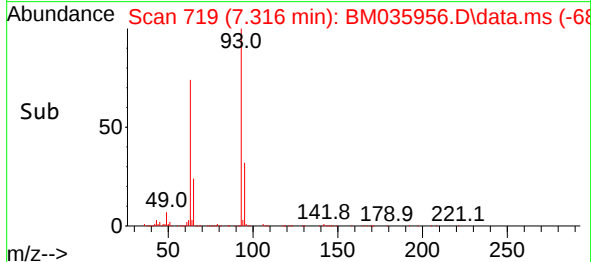
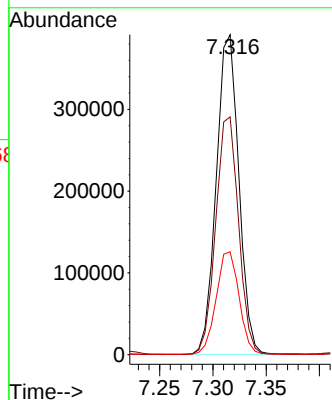
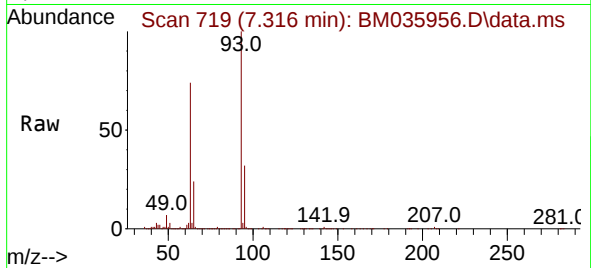


#10
 Bis(2-Chloroethyl)ether
 Concen: 30.720 ng/ul
 RT: 7.316 min Scan# 719
 Delta R.T. -0.006 min
 Lab File: BM035956.D
 Acq: 27 Jul 2022 18:25

Instrument :
 BNA_M
 ClientSampleId :

Tgt Ion: 93 Resp: 575250

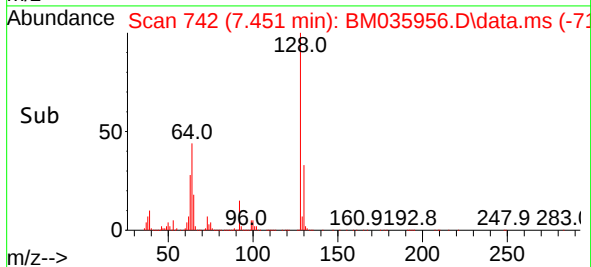
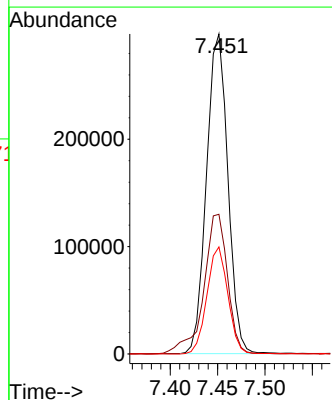
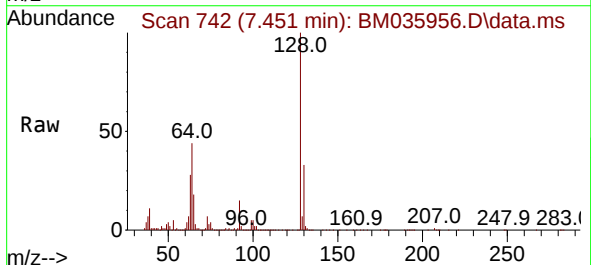
Ion	Ratio	Lower	Upper
93	100		
63	74.3	64.0	96.0
95	32.2	25.8	38.6

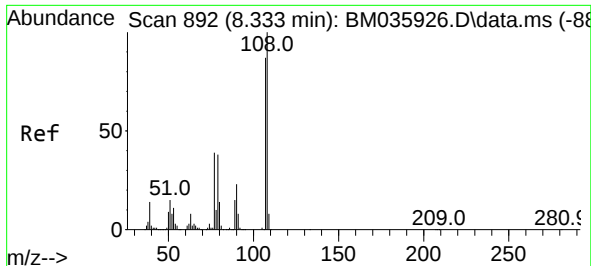


#12
 2-Chlorophenol
 Concen: 25.779 ng/ul
 RT: 7.451 min Scan# 742
 Delta R.T. -0.012 min
 Lab File: BM035956.D
 Acq: 27 Jul 2022 18:25

Tgt Ion:128 Resp: 467207

Ion	Ratio	Lower	Upper
128	100		
64	43.7	36.9	55.3
130	33.4	25.6	38.4

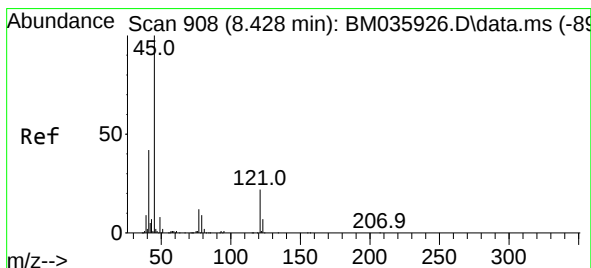
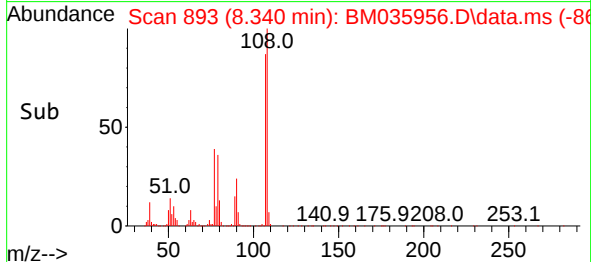
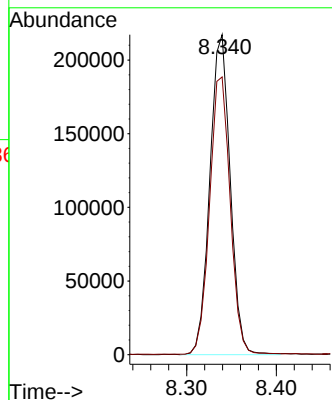
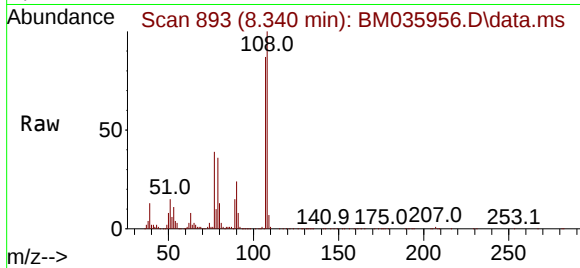




#13
2-Methylphenol
Concen: 19.681 ng/ul
RT: 8.340 min Scan# 892
Delta R.T. -0.012 min
Lab File: BM035956.D
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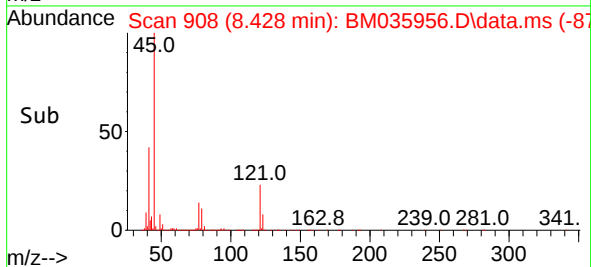
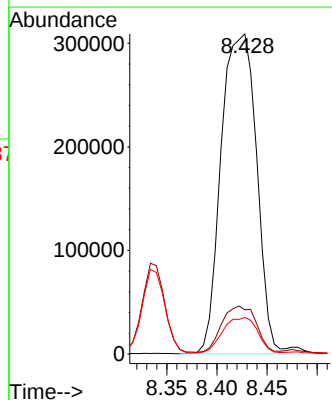
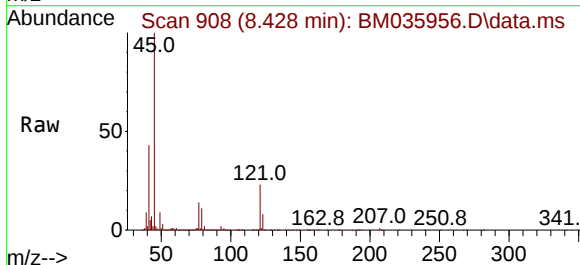
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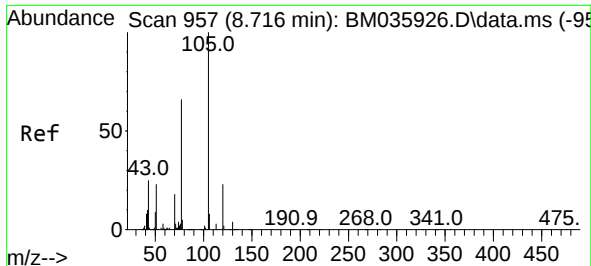
Tgt Ion:108 Resp: 342457
Ion Ratio Lower Upper
108 100
107 86.8 75.0 112.4



#14
2,2'-oxybis(1-Chloropropane)
Concen: 30.618 ng/ul
RT: 8.428 min Scan# 908
Delta R.T. -0.006 min
Lab File: BM035956.D
Acq: 27 Jul 2022 18:25

Tgt Ion: 45 Resp: 756798
Ion Ratio Lower Upper
45 100
77 13.8 10.6 15.8
79 11.4 8.3 12.5

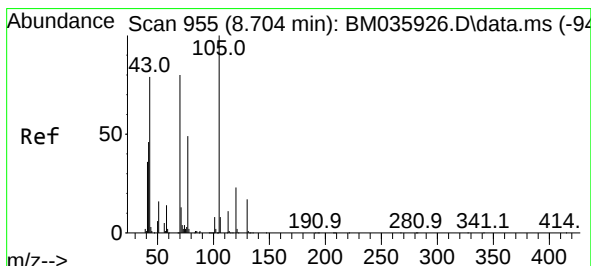
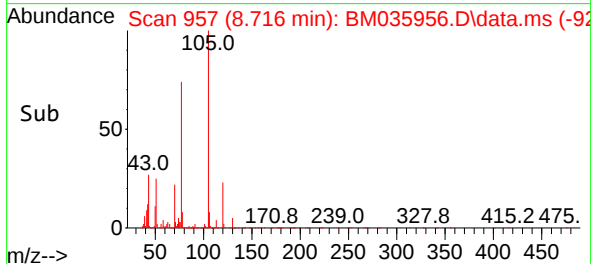
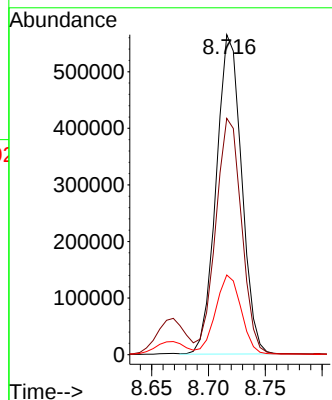
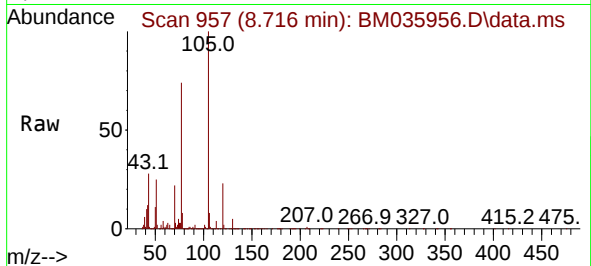




#16
Acetophenone
Concen: 31.793 ng/ul
RT: 8.716 min Scan# 91
Delta R.T. -0.012 min
Lab File: BM035956.D
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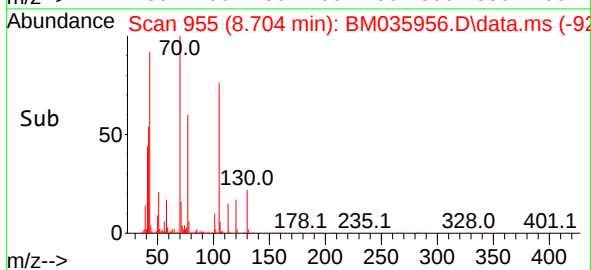
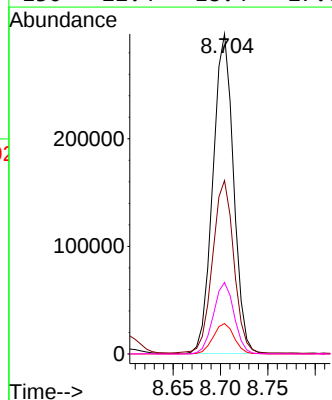
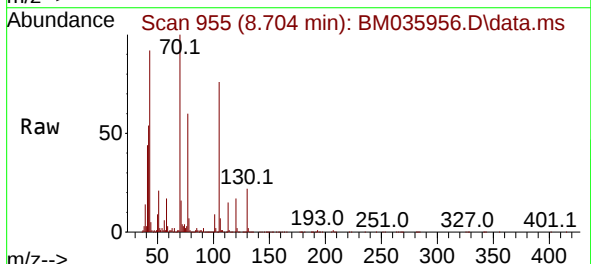
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ClientSampleId :

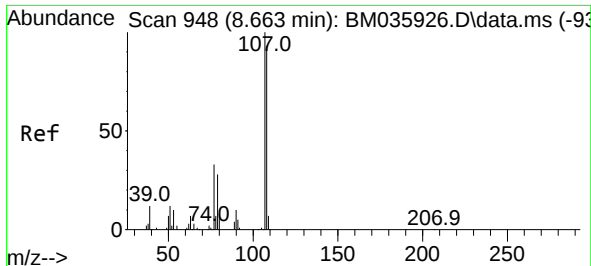
Tgt Ion:105 Resp: 880146
Ion Ratio Lower Upper
105 100
77 73.9 59.8 89.6
51 24.9 22.1 33.1



#17
N-Nitroso-di-n-propylamine
Concen: 32.594 ng/ul
RT: 8.704 min Scan# 955
Delta R.T. -0.012 min
Lab File: BM035956.D
Acq: 27 Jul 2022 18:25

Tgt Ion: 70 Resp: 449979
Ion Ratio Lower Upper
70 100
42 54.2 49.6 74.4
101 9.5 8.1 12.1
130 22.4 18.4 27.6

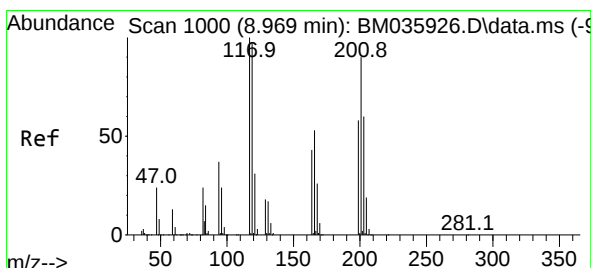
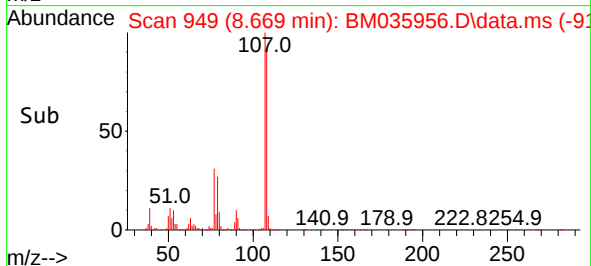
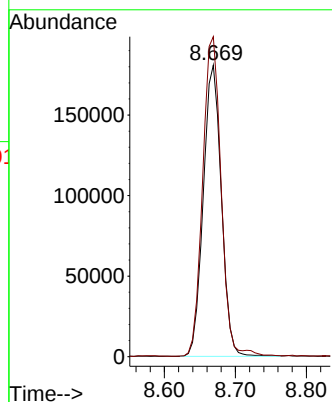
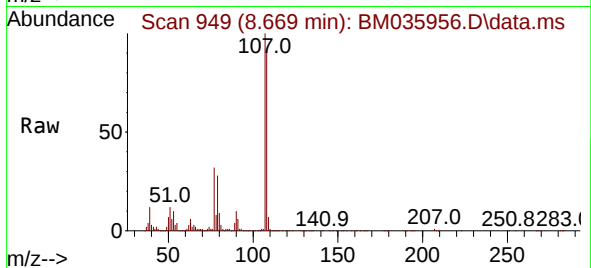




#18
4-Methylphenol
Concen: 17.172 ng/ul
RT: 8.669 min Scan# 948
Delta R.T. -0.018 min
Lab File: BM035956.D
Acq: 27 Jul 2022 18:25

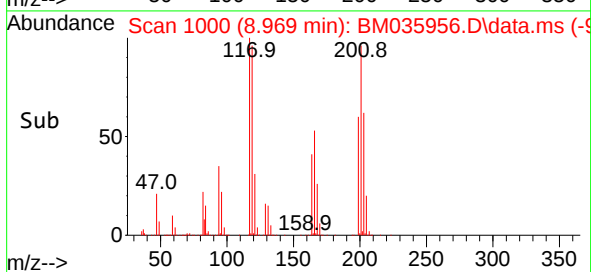
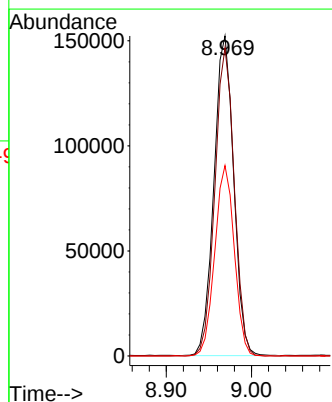
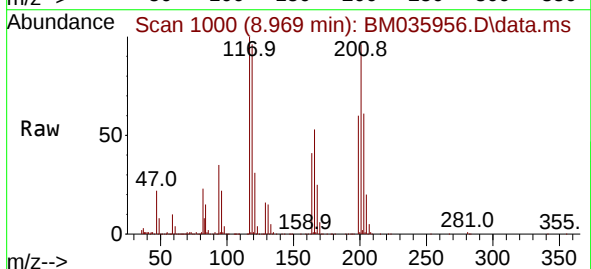
Instrument :
BNA_M
ClientSampleId :

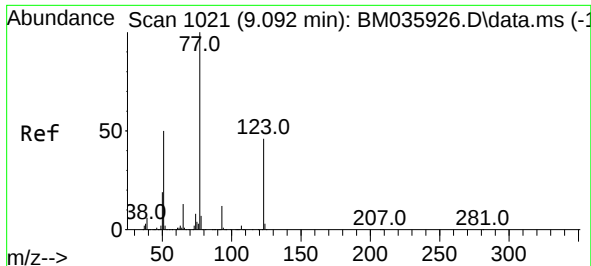
Tgt Ion:108 Resp: 320557
Ion Ratio Lower Upper
108 100
107 109.8 90.3 135.5



#19
Hexachloroethane
Concen: 32.791 ng/ul
RT: 8.969 min Scan# 1000
Delta R.T. -0.006 min
Lab File: BM035956.D
Acq: 27 Jul 2022 18:25

Tgt Ion:117 Resp: 245200
Ion Ratio Lower Upper
117 100
201 96.3 81.8 122.6
199 59.5 51.6 77.4

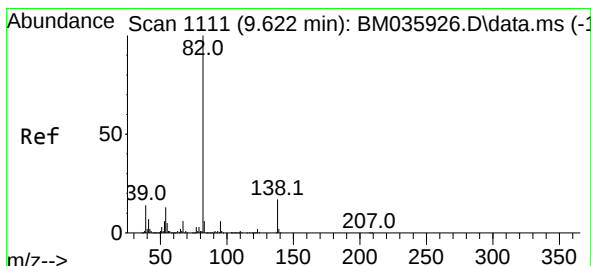
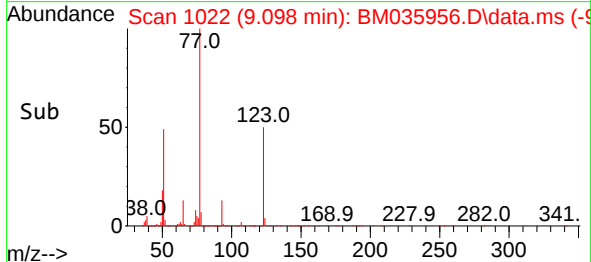
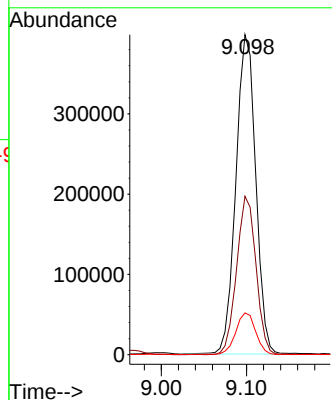
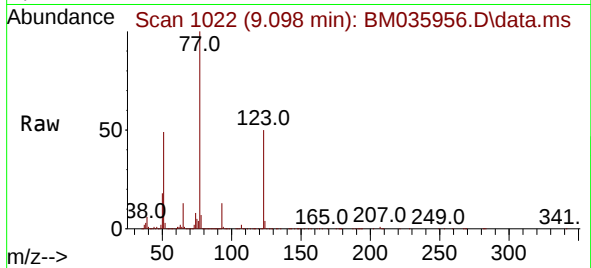




#22
Nitrobenzene
Concen: 33.404 ng/u1
RT: 9.098 min Scan# 1021
Delta R.T. -0.012 min
Lab File: BM035956.D
Acq: 27 Jul 2022 18:25

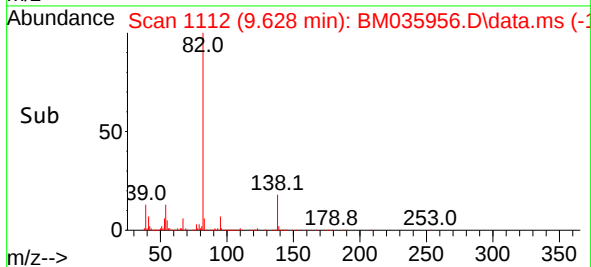
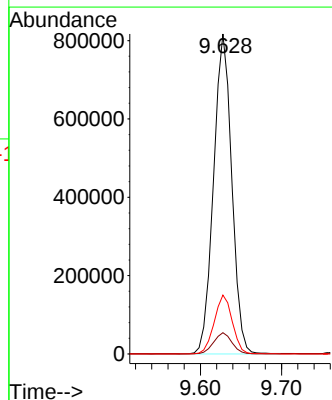
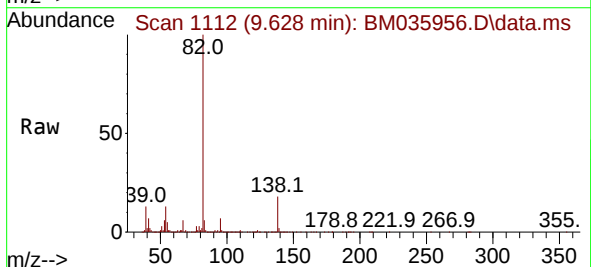
Instrument :
BNA_M
ClientSampleId :

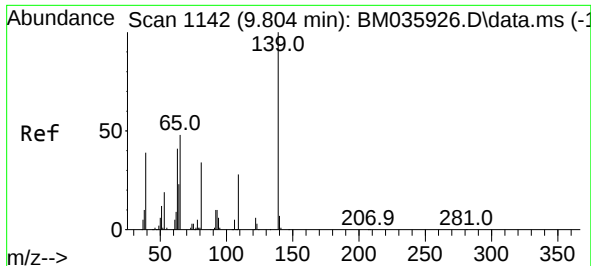
Tgt Ion: 77 Resp: 643251
Ion Ratio Lower Upper
77 100
123 49.5 37.4 56.0
65 13.1 10.8 16.2



#23
Isophorone
Concen: 35.029 ng/u1
RT: 9.628 min Scan# 1112
Delta R.T. -0.012 min
Lab File: BM035956.D
Acq: 27 Jul 2022 18:25

Tgt Ion: 82 Resp: 1273355
Ion Ratio Lower Upper
82 100
95 6.7 5.5 8.3
138 18.4 15.3 22.9

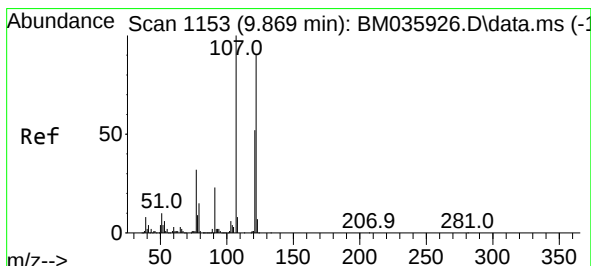
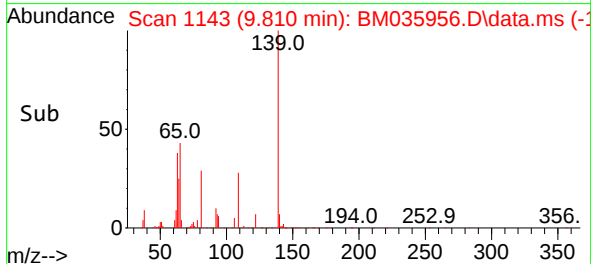
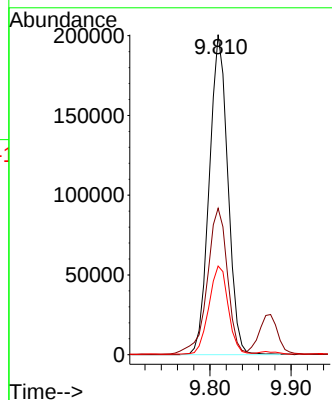
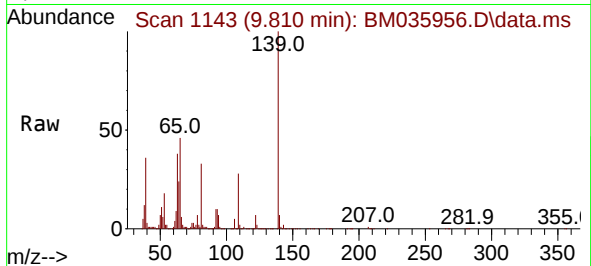




#25
2-Nitrophenol
Concen: 35.022 ng/ul
RT: 9.810 min Scan# 1143
Delta R.T. -0.012 min
Lab File: BM035956.D
Acq: 27 Jul 2022 18:25

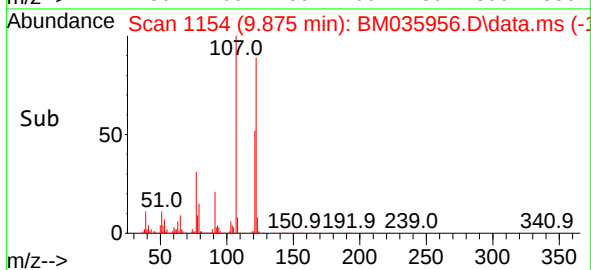
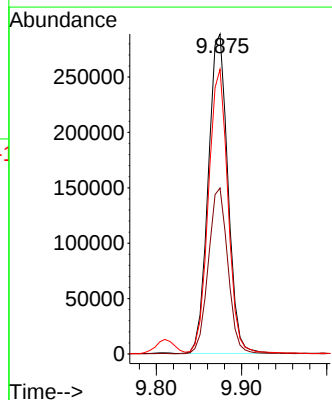
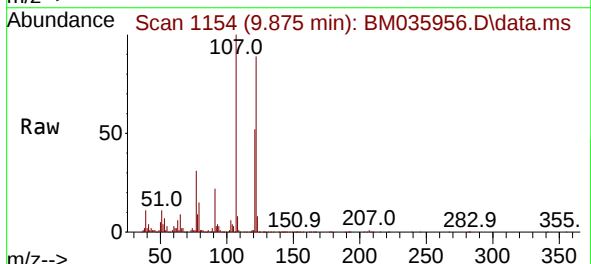
Instrument :
BNA_M
ClientSampleId :

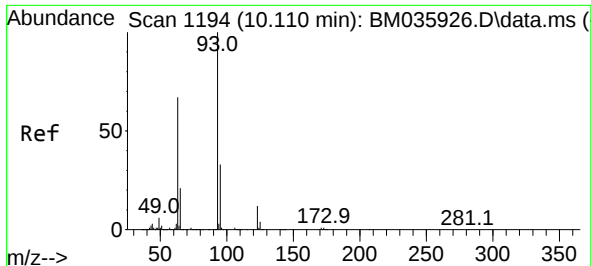
Tgt Ion:139 Resp: 318551
Ion Ratio Lower Upper
139 100
65 45.8 39.8 59.6
109 27.7 22.2 33.4



#26
2,4-Dimethylphenol
Concen: 24.799 ng/ul
RT: 9.875 min Scan# 1154
Delta R.T. -0.012 min
Lab File: BM035956.D
Acq: 27 Jul 2022 18:25

Tgt Ion:107 Resp: 460914
Ion Ratio Lower Upper
107 100
121 51.8 42.7 64.1
122 89.0 71.5 107.3





#27

Bis(2-Chloroethoxy)methane

Concen: 33.377 ng/ul

RT: 10.110 min Scan# 1194

Delta R.T. -0.012 min

Lab File: BM035956.D

Acq: 27 Jul 2022 18:25

Instrument :

BNA_M

ClientSampleId :

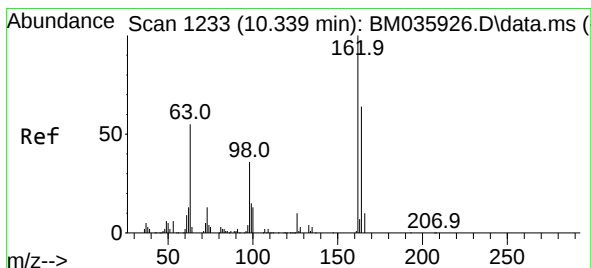
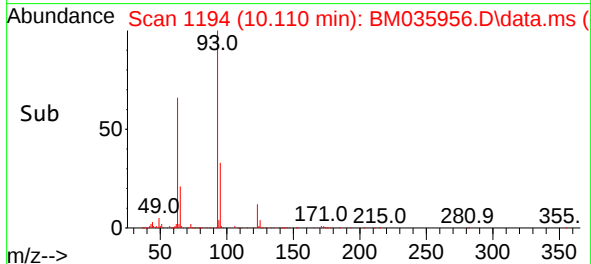
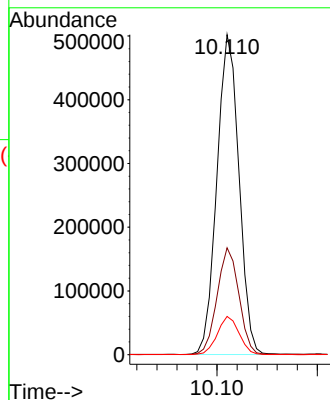
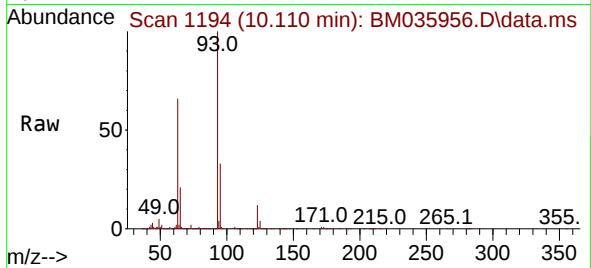
Tgt Ion: 93 Resp: 765208

Ion Ratio Lower Upper

93 100

95 33.4 26.1 39.1

123 11.9 9.4 14.0



#29

2,4-Dichlorophenol

Concen: 32.223 ng/ul

RT: 10.345 min Scan# 1234

Delta R.T. -0.018 min

Lab File: BM035956.D

Acq: 27 Jul 2022 18:25

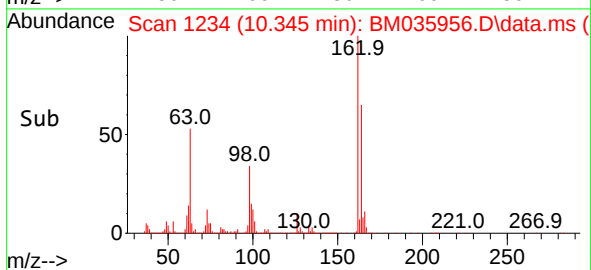
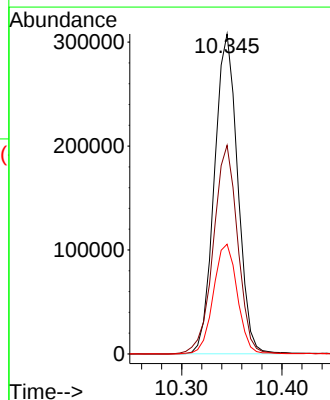
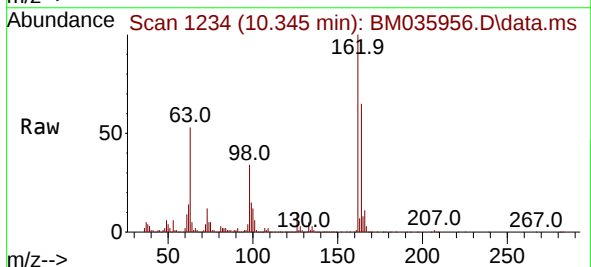
Tgt Ion:162 Resp: 495926

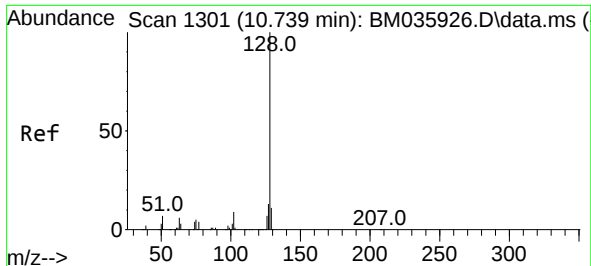
Ion Ratio Lower Upper

162 100

164 65.2 51.8 77.6

98 34.3 29.5 44.3

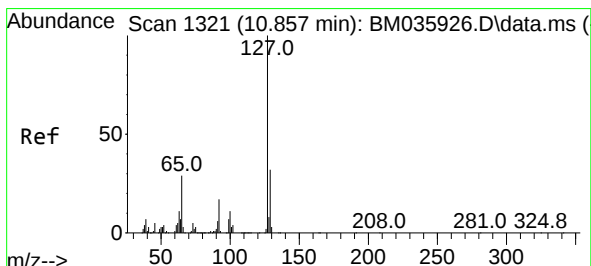
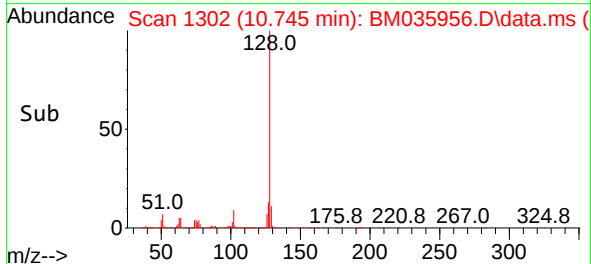
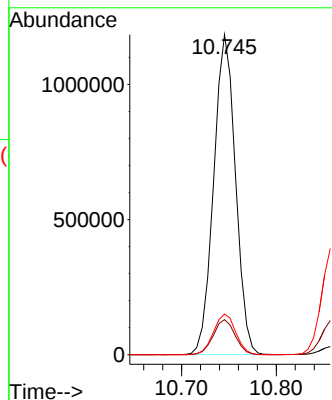
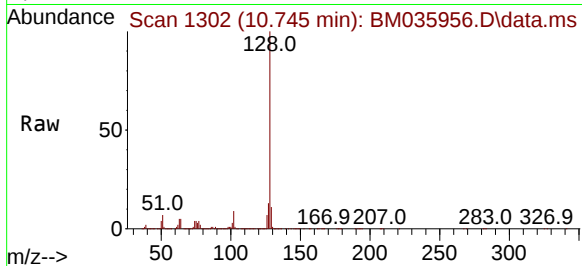




#30
Naphthalene
Concen: 33.795 ng/ul
RT: 10.745 min Scan# 1301
Delta R.T. -0.012 min
Lab File: BM035956.D
Acq: 27 Jul 2022 18:25

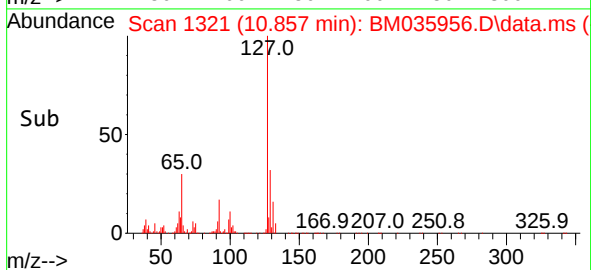
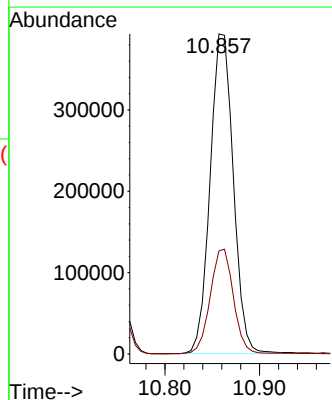
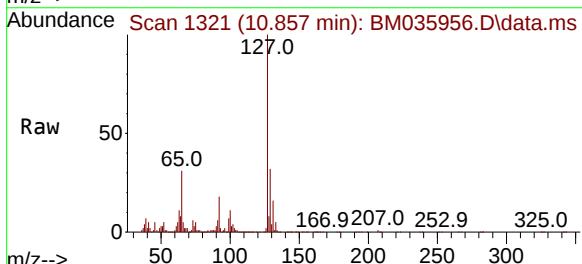
Instrument :
BNA_M
ClientSampleId :

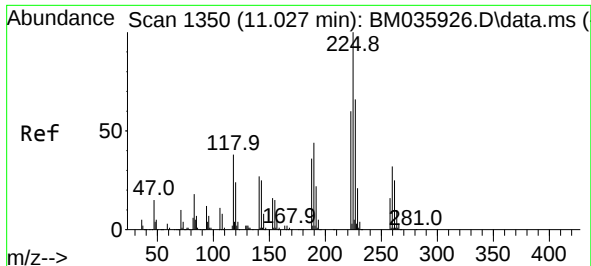
Tgt Ion:128 Resp: 1894323
Ion Ratio Lower Upper
128 100
129 10.9 8.8 13.2
127 12.7 10.6 16.0



#32
4-Chloroaniline
Concen: 26.864 ng/ul
RT: 10.857 min Scan# 1321
Delta R.T. -0.018 min
Lab File: BM035956.D
Acq: 27 Jul 2022 18:25

Tgt Ion:127 Resp: 669898
Ion Ratio Lower Upper
127 100
129 32.2 25.3 37.9

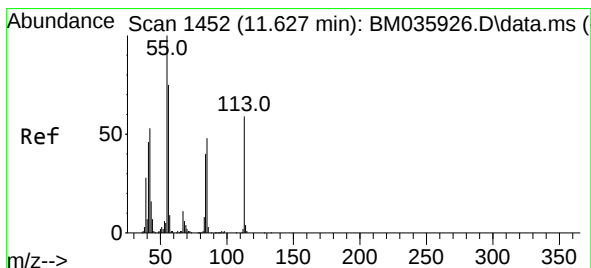
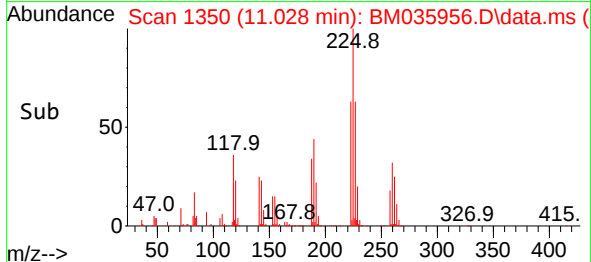
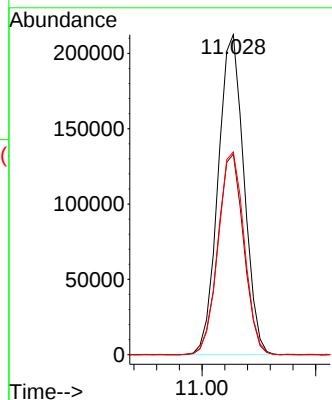
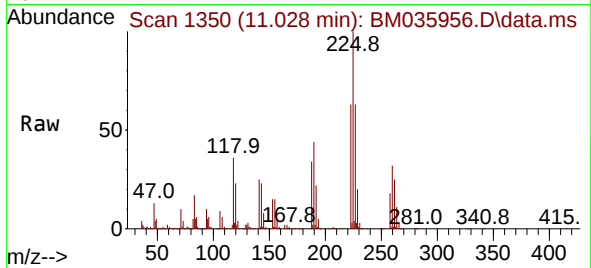




#33
Hexachlorobutadiene
Concen: 35.335 ng/ul
RT: 11.028 min Scan# 11
Delta R.T. -0.006 min
Lab File: BM035956.D
Acq: 27 Jul 2022 18:25

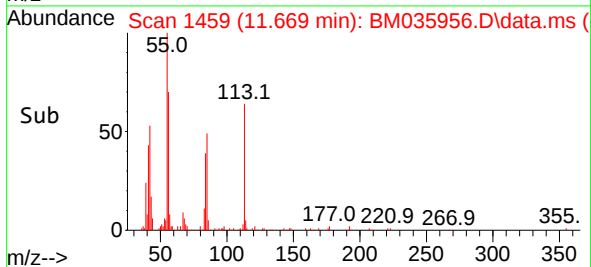
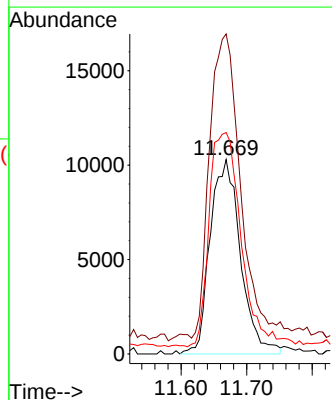
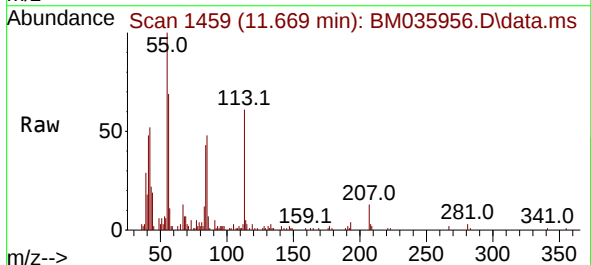
Instrument :
BNA_M
ClientSampleId :

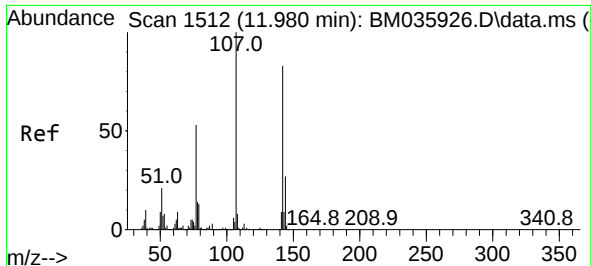
Tgt Ion:225 Resp: 335726
Ion Ratio Lower Upper
225 100
223 62.7 50.0 75.0
227 63.3 49.9 74.9



#34
Caprolactam
Concen: 6.497 ng/ul
RT: 11.669 min Scan# 1459
Delta R.T. -0.000 min
Lab File: BM035956.D
Acq: 27 Jul 2022 18:25

Tgt Ion:113 Resp: 33046
Ion Ratio Lower Upper
113 100
55 164.7 150.2 225.4
56 114.0 102.1 153.1

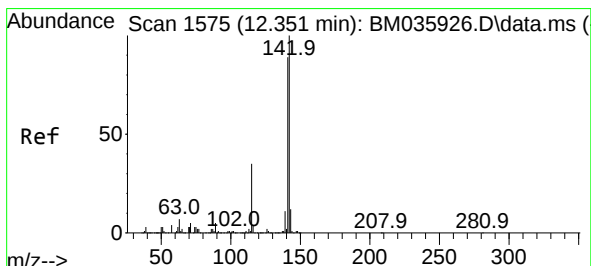
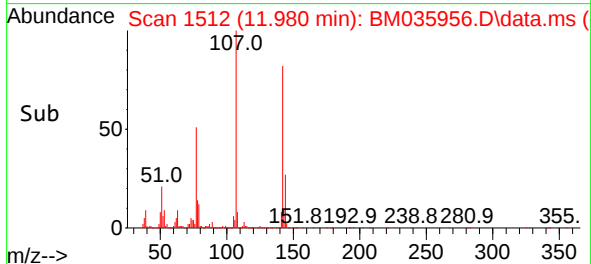
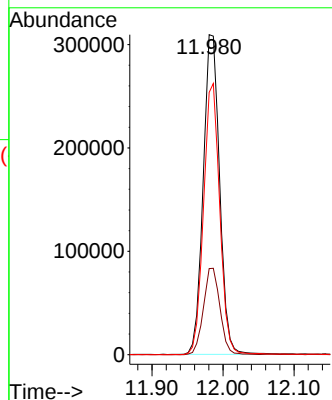
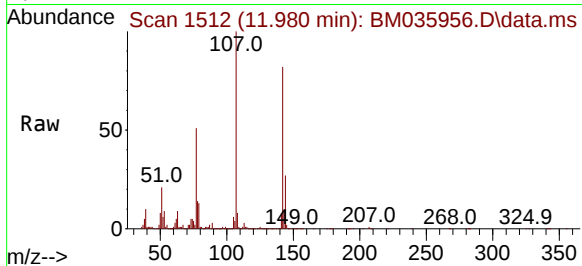




#35
4-Chloro-3-methylphenol
Concen: 31.104 ng/ul
RT: 11.980 min Scan# 1512
Delta R.T. -0.024 min
Lab File: BM035956.D
Acq: 27 Jul 2022 18:25

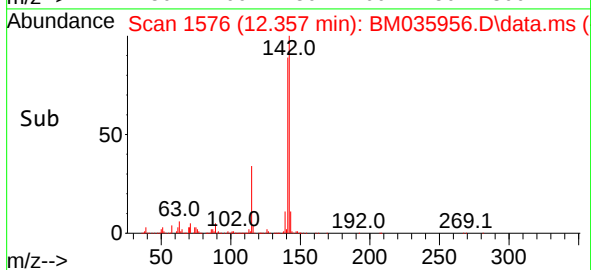
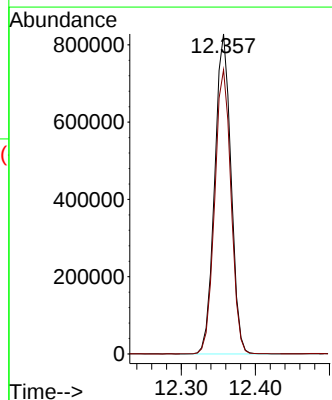
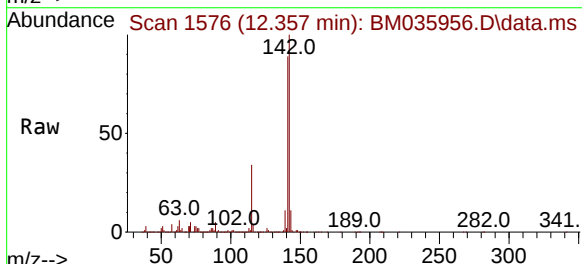
Instrument :
BNA_M
ClientSampleId :

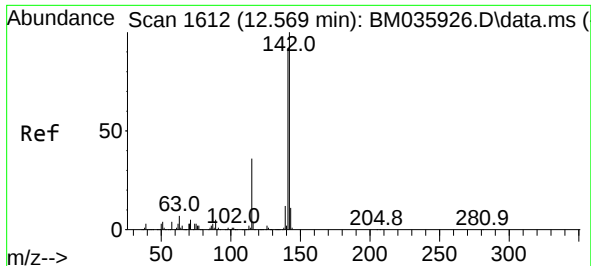
Tgt Ion:107 Resp: 497767
Ion Ratio Lower Upper
107 100
144 26.9 20.3 30.5
142 82.0 64.4 96.6



#36
2-Methylnaphthalene
Concen: 34.495 ng/ul
RT: 12.357 min Scan# 1576
Delta R.T. -0.012 min
Lab File: BM035956.D
Acq: 27 Jul 2022 18:25

Tgt Ion:142 Resp: 1265038
Ion Ratio Lower Upper
142 100
141 88.8 70.7 106.1





#37

1-Methylnaphthalene

Concen: 34.313 ng/ul

RT: 12.575 min Scan# 1

Delta R.T. -0.012 min

Lab File: BM035956.D

Acq: 27 Jul 2022 18:25

Instrument :

BNA_M

ClientSampleId :

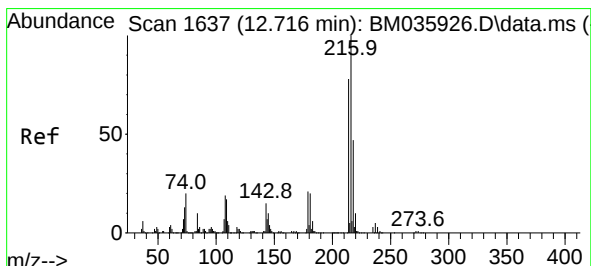
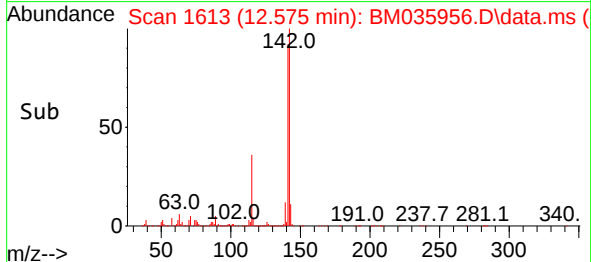
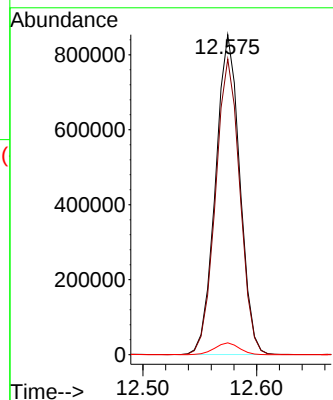
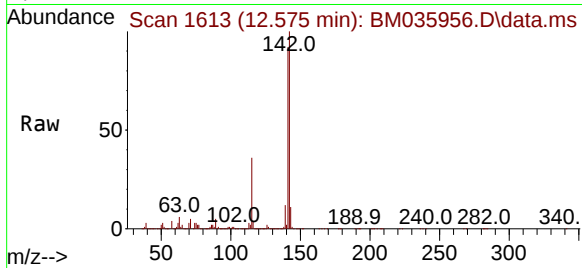
Tgt Ion:142 Resp: 1268424

Ion Ratio Lower Upper

142 100

141 92.4 75.2 112.8

116 3.7 2.6 3.8



#39

1,2,4,5-Tetrachlorobenzene

Concen: 34.689 ng/ul

RT: 12.722 min Scan# 1638

Delta R.T. -0.018 min

Lab File: BM035956.D

Acq: 27 Jul 2022 18:25

Tgt Ion:216 Resp: 622920

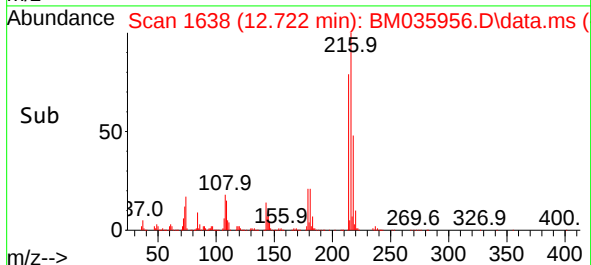
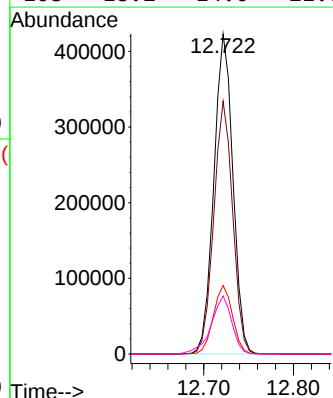
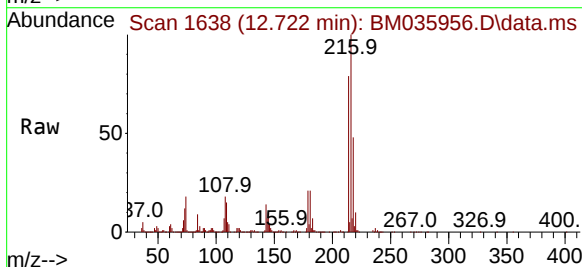
Ion Ratio Lower Upper

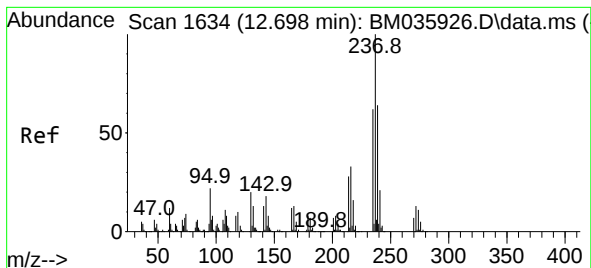
216 100

214 79.0 62.4 93.6

179 21.4 17.3 25.9

108 18.2 14.0 21.0

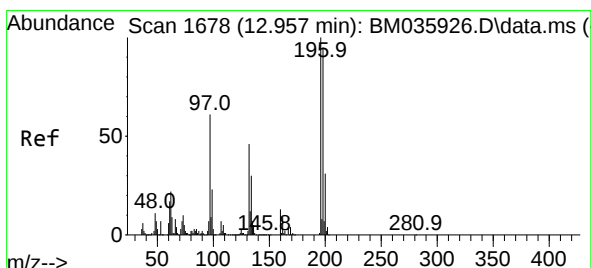
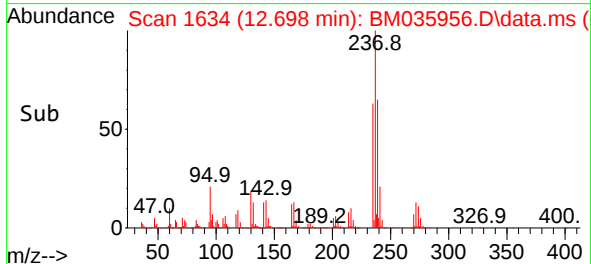
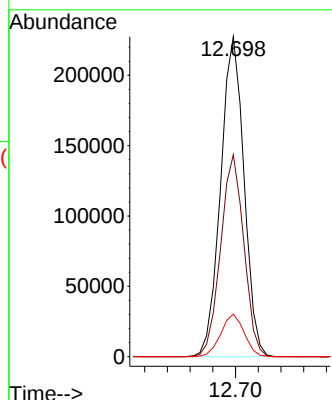
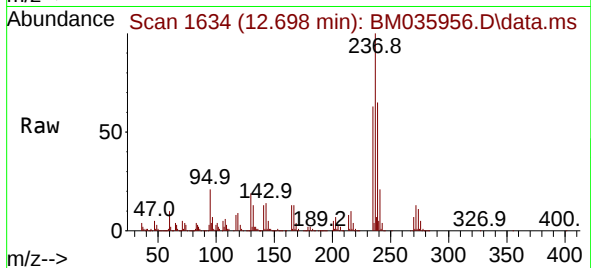




#40
Hexachlorocyclopentadiene
Concen: 27.198 ng/ul
RT: 12.698 min Scan# 1634
Delta R.T. -0.012 min
Lab File: BM035956.D
Acq: 27 Jul 2022 18:25

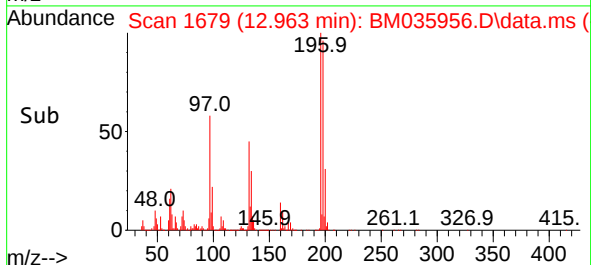
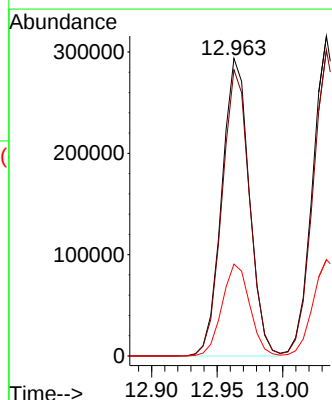
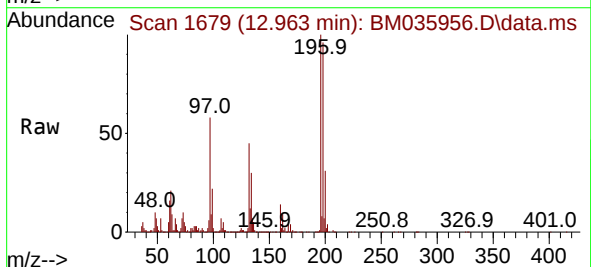
Instrument :
BNA_M
ClientSampleId :

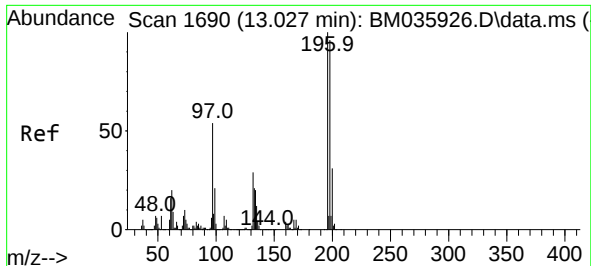
Tgt Ion:237 Resp: 325277
Ion Ratio Lower Upper
237 100
235 63.1 48.4 72.6
272 13.9 11.6 17.4



#41
2,4,6-Trichlorophenol
Concen: 37.291 ng/ul
RT: 12.963 min Scan# 1679
Delta R.T. -0.018 min
Lab File: BM035956.D
Acq: 27 Jul 2022 18:25

Tgt Ion:196 Resp: 428534
Ion Ratio Lower Upper
196 100
198 96.2 77.8 116.6
200 30.9 25.0 37.6

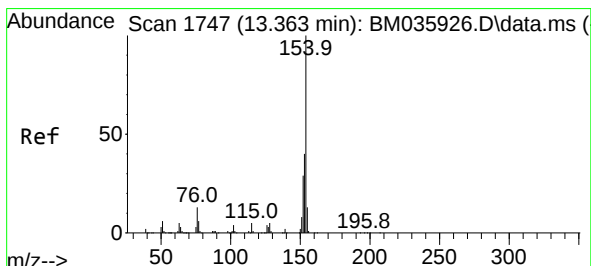
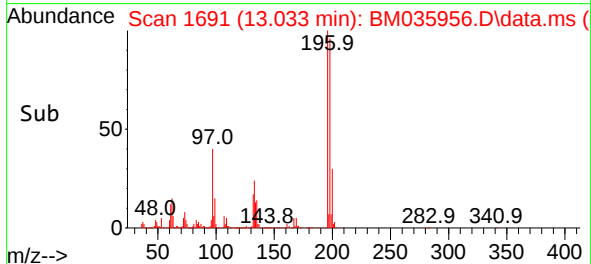
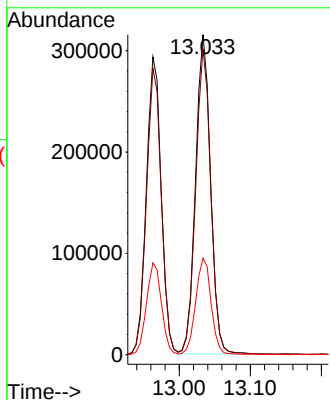
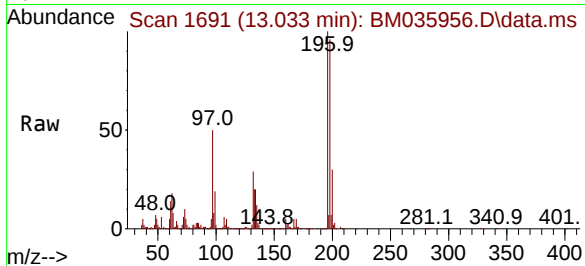




#42
2,4,5-Trichlorophenol
Concen: 37.985 ng/ul
RT: 13.033 min Scan# 1
Delta R.T. -0.018 min
Lab File: BM035956.D
Acq: 27 Jul 2022 18:25

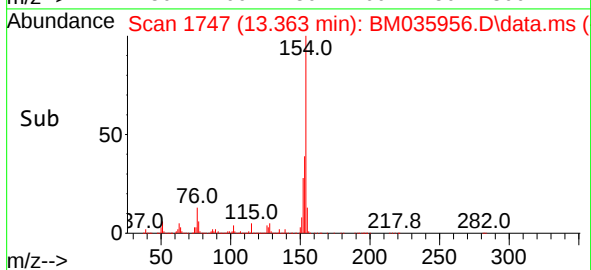
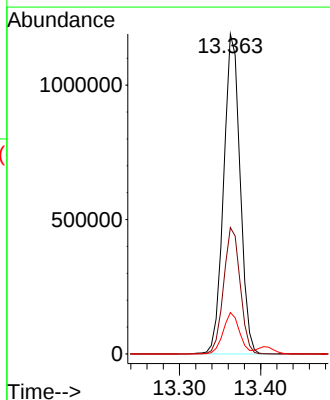
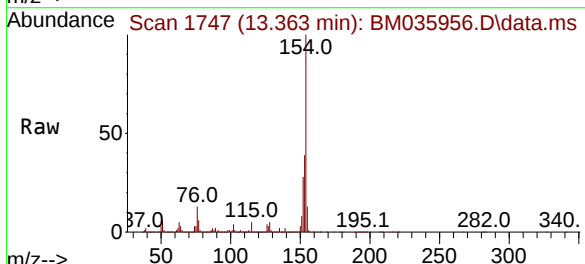
Instrument :
BNA_M
ClientSampleId :

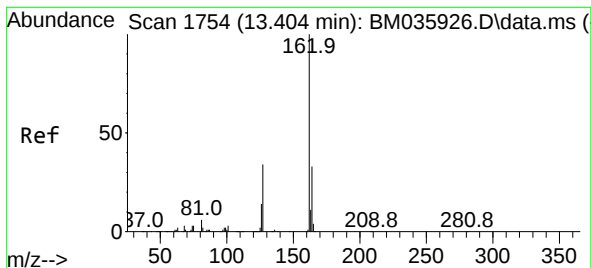
Tgt Ion:196 Resp: 465767
Ion Ratio Lower Upper
196 100
198 95.6 76.8 115.2
200 30.1 24.9 37.3



#43
1,1'-Biphenyl
Concen: 34.614 ng/ul
RT: 13.363 min Scan# 1747
Delta R.T. -0.012 min
Lab File: BM035956.D
Acq: 27 Jul 2022 18:25

Tgt Ion:154 Resp: 1680692
Ion Ratio Lower Upper
154 100
153 39.5 32.4 48.6
76 13.0 10.1 15.1





#44

2-Chloronaphthalene

Concen: 34.834 ng/ul

RT: 13.404 min Scan# 1

Delta R.T. -0.018 min

Lab File: BM035956.D

Acq: 27 Jul 2022 18:25

Instrument :

BNA_M

ClientSampleId :

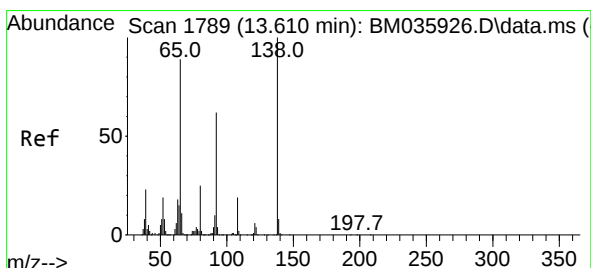
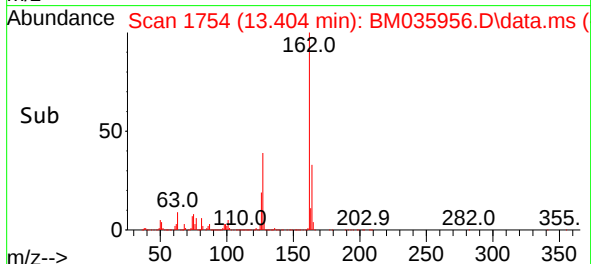
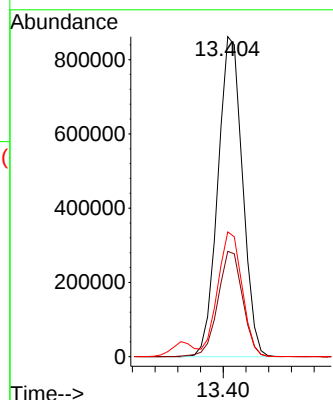
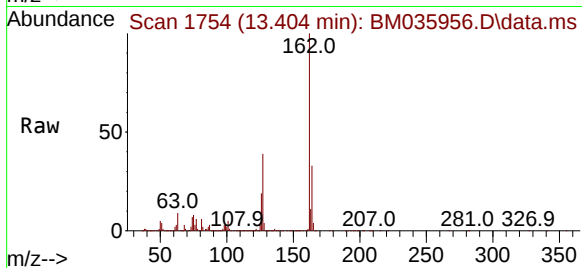
Tgt Ion:162 Resp: 1298072

Ion Ratio Lower Upper

162 100

164 32.9 25.4 38.0

127 39.0 31.6 47.4



#45

2-Nitroaniline

Concen: 39.659 ng/ul

RT: 13.616 min Scan# 1790

Delta R.T. -0.012 min

Lab File: BM035956.D

Acq: 27 Jul 2022 18:25

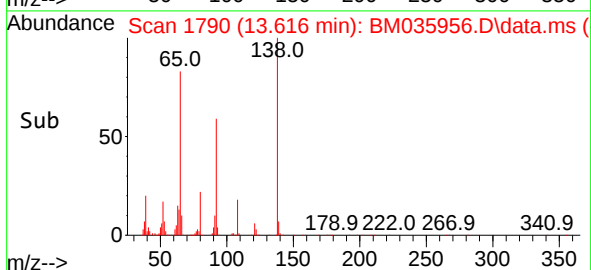
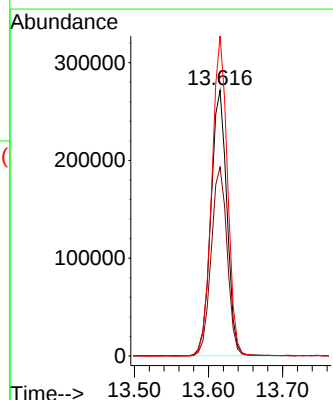
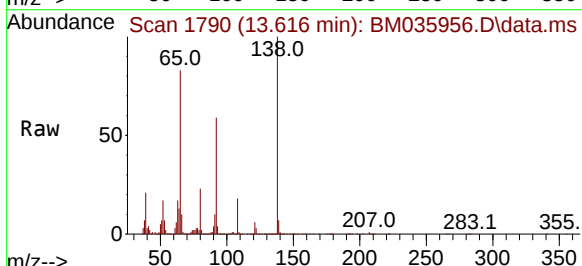
Tgt Ion: 65 Resp: 407436

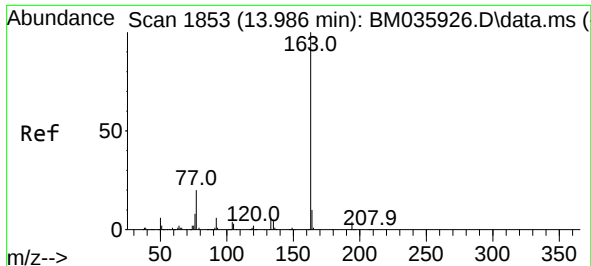
Ion Ratio Lower Upper

65 100

92 71.1 54.5 81.7

138 120.5 91.2 136.8





#47

Dimethylphthalate

Concen: 40.319 ng/ul

RT: 13.992 min Scan# 1854

Delta R.T. -0.006 min

Lab File: BM035956.D

Acq: 27 Jul 2022 18:25

Instrument :

BNA_M

ClientSampleId :

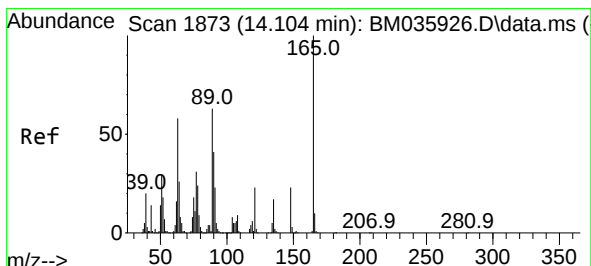
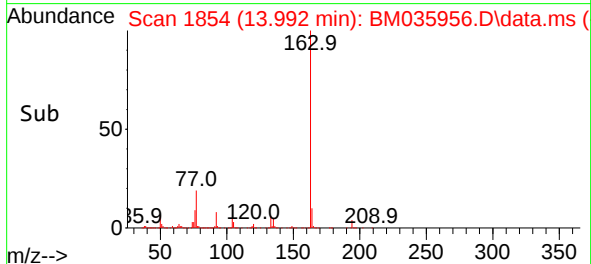
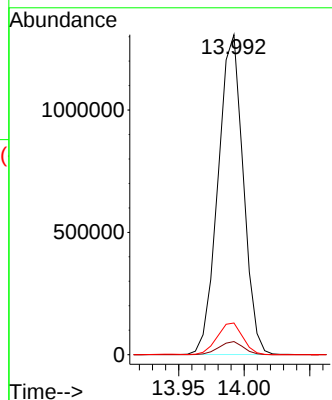
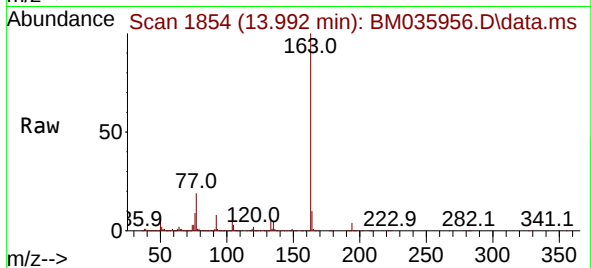
Tgt Ion:163 Resp: 1742726

Ion Ratio Lower Upper

163 100

194 4.1 3.2 4.8

164 9.9 7.9 11.9



#48

2,6-Dinitrotoluene

Concen: 42.574 ng/ul

RT: 14.110 min Scan# 1874

Delta R.T. -0.018 min

Lab File: BM035956.D

Acq: 27 Jul 2022 18:25

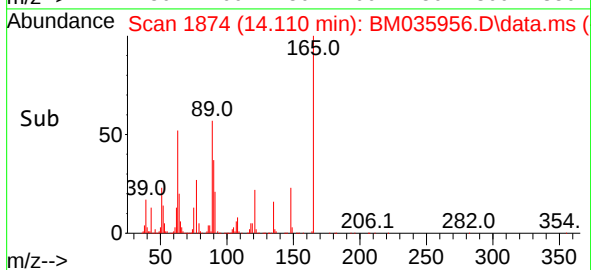
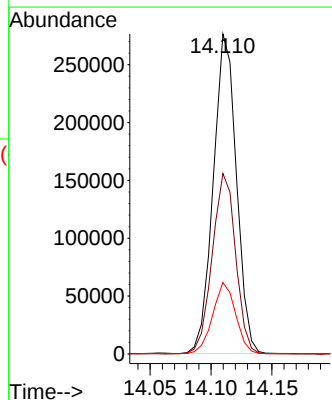
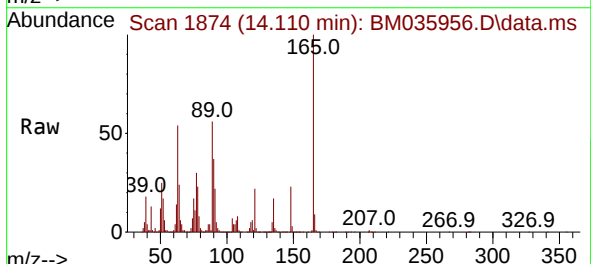
Tgt Ion:165 Resp: 365350

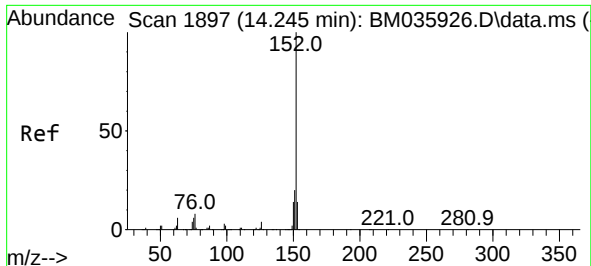
Ion Ratio Lower Upper

165 100

89 56.4 42.5 63.7

121 22.4 17.2 25.8

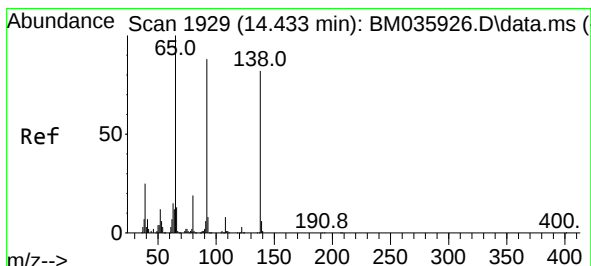
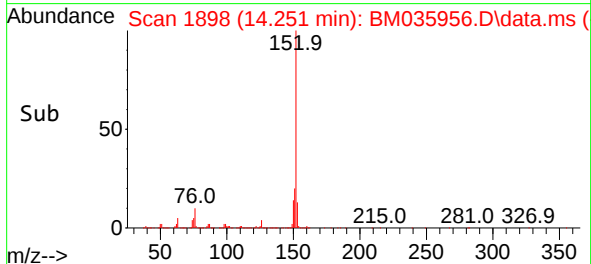
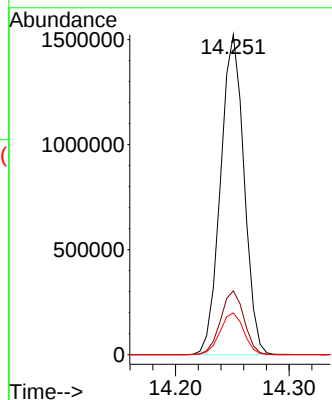
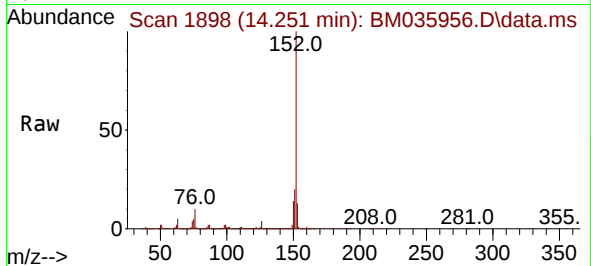




#50
Acenaphthylene
Concen: 36.079 ng/ul
RT: 14.251 min Scan# 1898
Delta R.T. -0.012 min
Lab File: BM035956.D
Acq: 27 Jul 2022 18:25

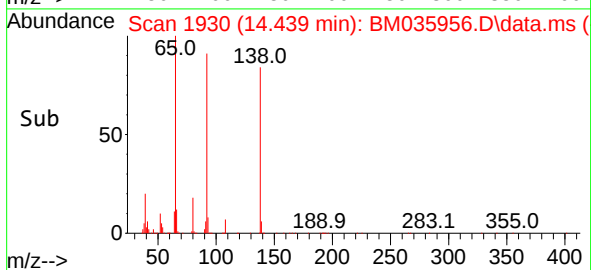
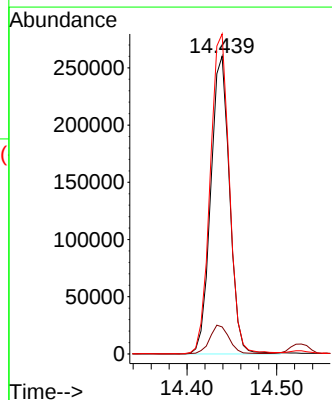
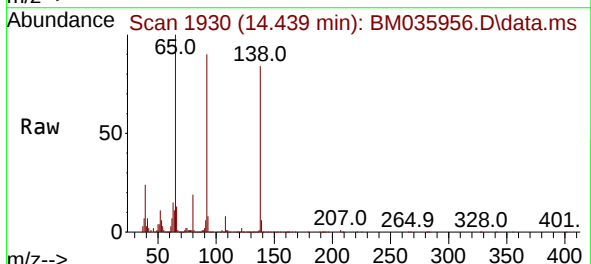
Instrument :
BNA_M
ClientSampleId :

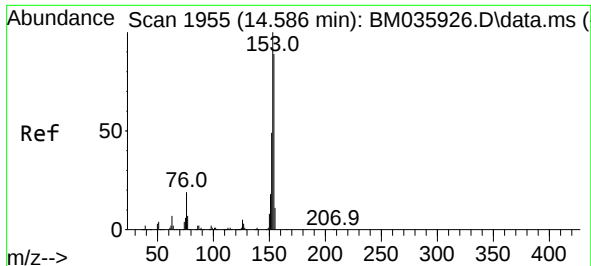
Tgt Ion:152 Resp: 2188259
Ion Ratio Lower Upper
152 100
151 19.9 16.1 24.1
153 13.0 10.6 15.8



#51
3-Nitroaniline
Concen: 40.020 ng/ul
RT: 14.439 min Scan# 1930
Delta R.T. -0.012 min
Lab File: BM035956.D
Acq: 27 Jul 2022 18:25

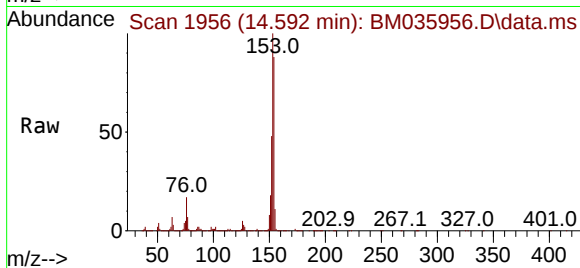
Tgt Ion:138 Resp: 379546
Ion Ratio Lower Upper
138 100
108 9.1 8.1 12.1
92 107.5 90.4 135.6



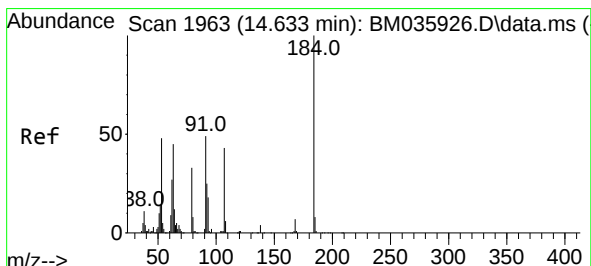
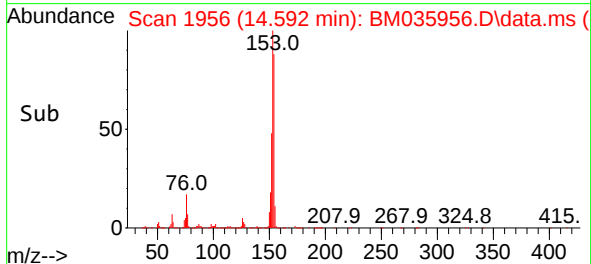
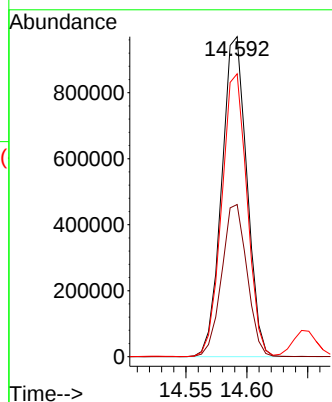


#52
Acenaphthene
Concen: 35.509 ng/ul
RT: 14.592 min Scan# 1956
Delta R.T. -0.012 min
Lab File: BM035956.D
Acq: 27 Jul 2022 18:25

Instrument :
BNA_M
ClientSampleId :

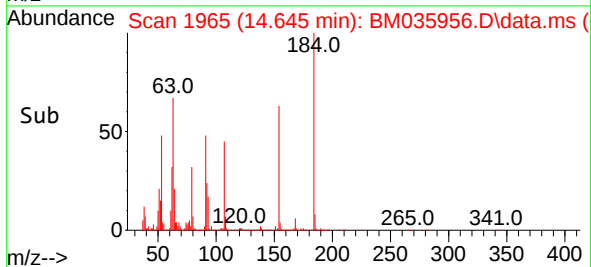
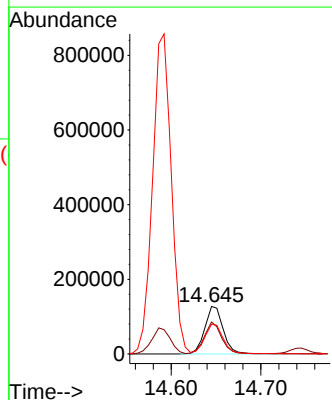
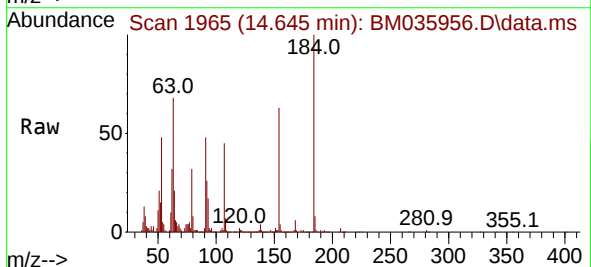


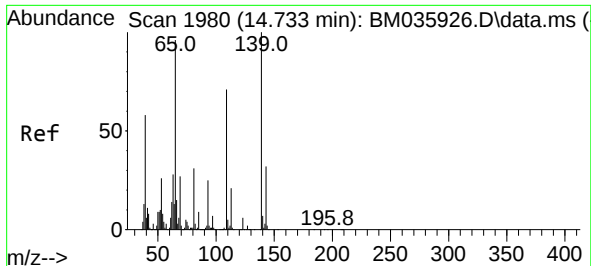
Tgt Ion:153 Resp: 1397209
Ion Ratio Lower Upper
153 100
152 47.6 37.1 55.7
154 88.4 71.3 106.9



#53
2,4-Dinitrophenol
Concen: 37.193 ng/ul
RT: 14.645 min Scan# 1965
Delta R.T. -0.029 min
Lab File: BM035956.D
Acq: 27 Jul 2022 18:25

Tgt Ion:184 Resp: 181223
Ion Ratio Lower Upper
184 100
63 67.6 54.2 81.4
154 62.7 49.3 73.9

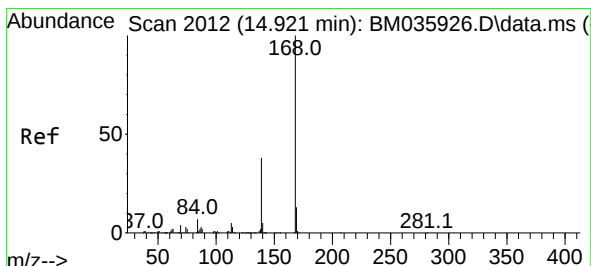
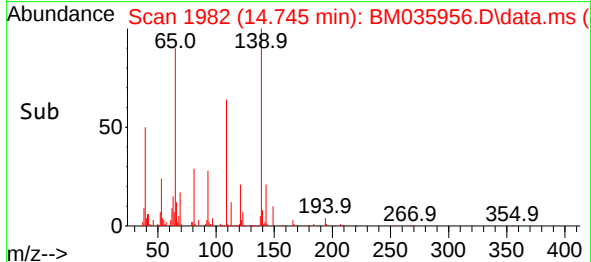
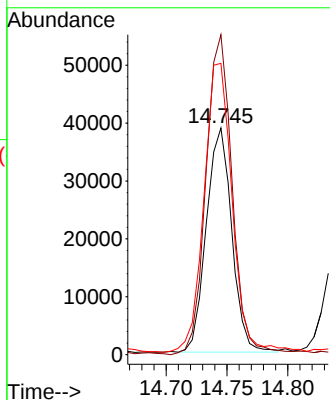
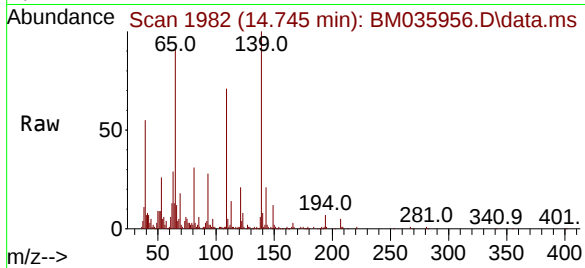




#55
4-Nitrophenol
Concen: 8.355 ng/ul
RT: 14.745 min Scan# 1982
Delta R.T. -0.024 min
Lab File: BM035956.D
Acq: 27 Jul 2022 18:25

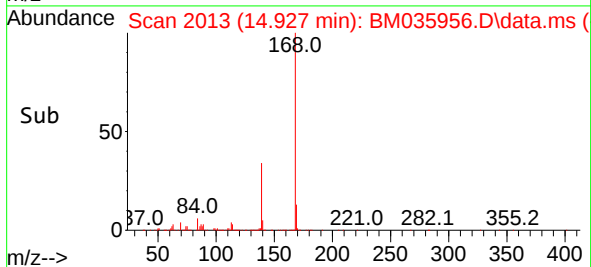
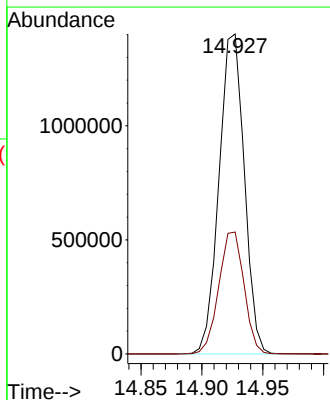
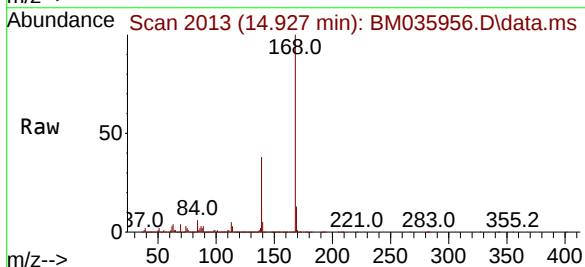
Instrument :
BNA_M
ClientSampleId :

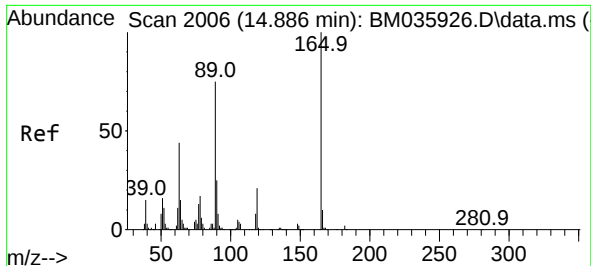
Tgt Ion:109 Resp: 56387
Ion Ratio Lower Upper
109 100
139 141.1 124.9 187.3
65 128.5 122.2 183.4



#56
Dibenzofuran
Concen: 37.198 ng/ul
RT: 14.927 min Scan# 2013
Delta R.T. -0.012 min
Lab File: BM035956.D
Acq: 27 Jul 2022 18:25

Tgt Ion:168 Resp: 2025137
Ion Ratio Lower Upper
168 100
139 38.1 30.1 45.1





#57

2,4-Dinitrotoluene

Concen: 43.249 ng/ul

RT: 14.898 min Scan# 2008

Delta R.T. -0.018 min

Lab File: BM035956.D

Acq: 27 Jul 2022 18:25

Instrument :

BNA_M

ClientSampleId :

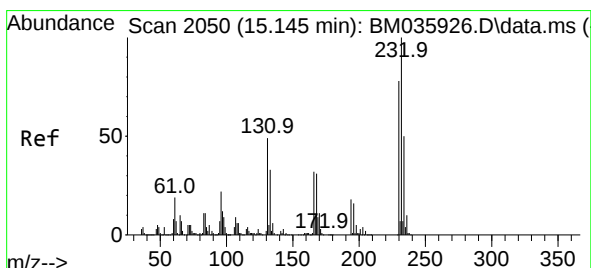
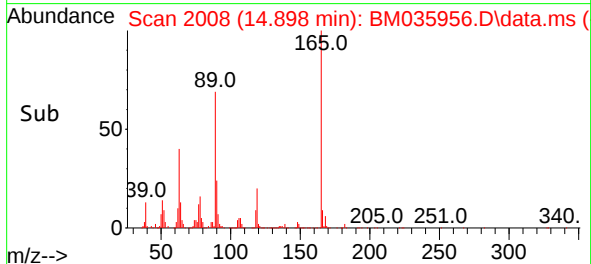
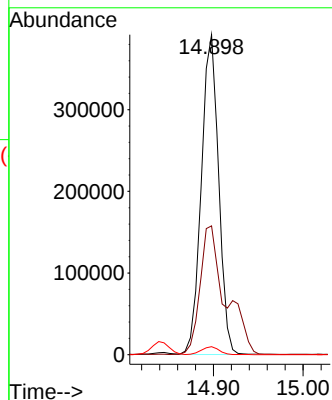
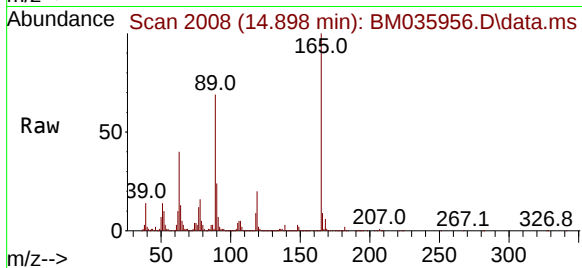
Tgt Ion:165 Resp: 523169

Ion Ratio Lower Upper

165 100

63 40.2 35.9 53.9

182 2.5 2.5 3.7



#58

2,3,4,6-Tetrachlorophenol

Concen: 40.651 ng/ul

RT: 15.151 min Scan# 2051

Delta R.T. -0.018 min

Lab File: BM035956.D

Acq: 27 Jul 2022 18:25

Tgt Ion:232 Resp: 391641

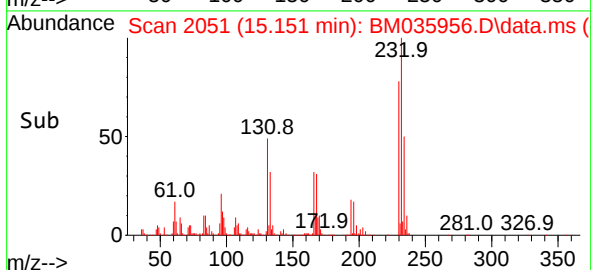
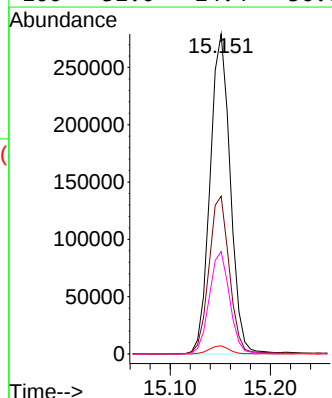
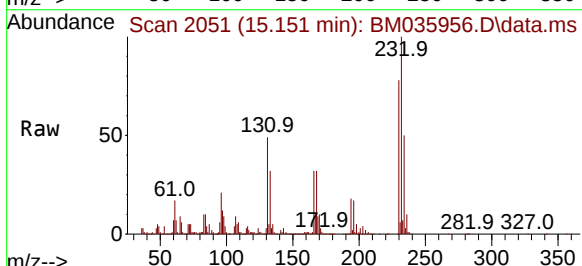
Ion Ratio Lower Upper

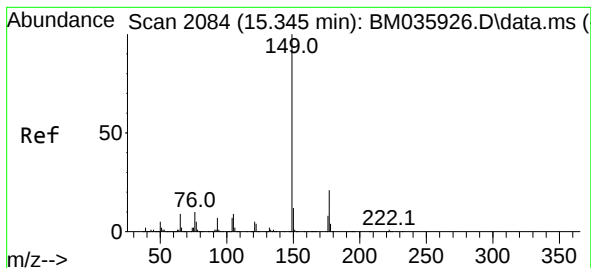
232 100

131 49.3 36.7 55.1

130 2.5 1.7 2.5#

166 32.0 24.4 36.6





#59

Diethylphthalate

Concen: 42.683 ng/ul

RT: 15.351 min Scan# 2085

Delta R.T. -0.006 min

Lab File: BM035956.D

Acq: 27 Jul 2022 18:25

Instrument :

BNA_M

ClientSampleId :

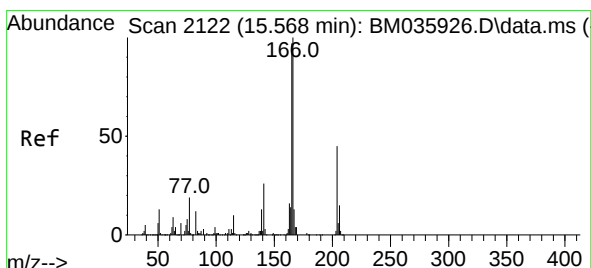
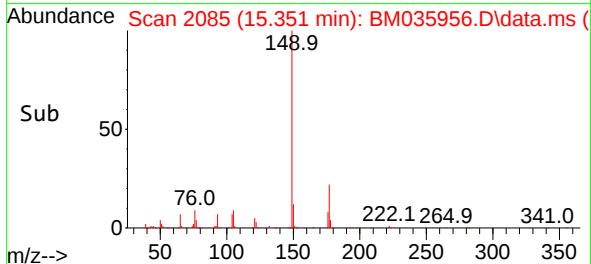
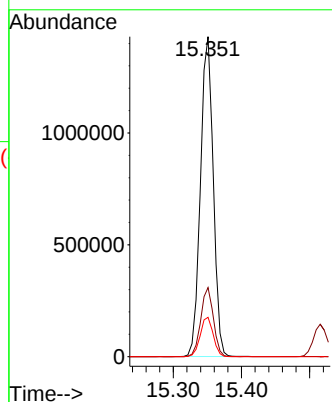
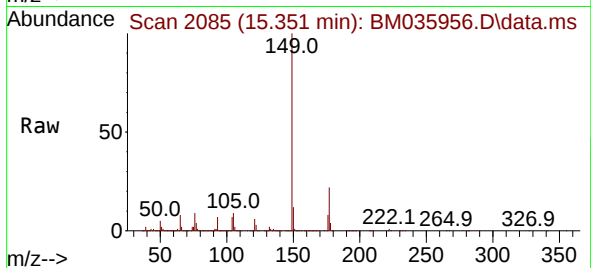
Tgt Ion:149 Resp: 1866132

Ion Ratio Lower Upper

149 100

177 21.6 16.8 25.2

150 12.3 10.2 15.4



#61

Fluorene

Concen: 37.492 ng/ul

RT: 15.568 min Scan# 2122

Delta R.T. -0.018 min

Lab File: BM035956.D

Acq: 27 Jul 2022 18:25

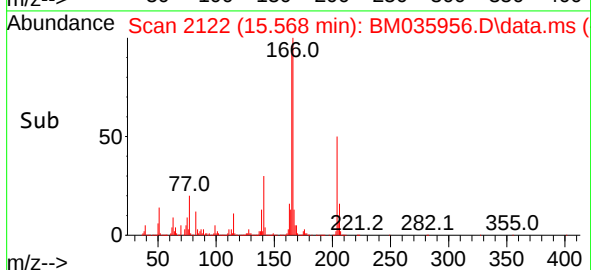
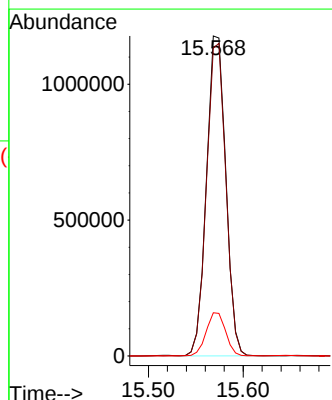
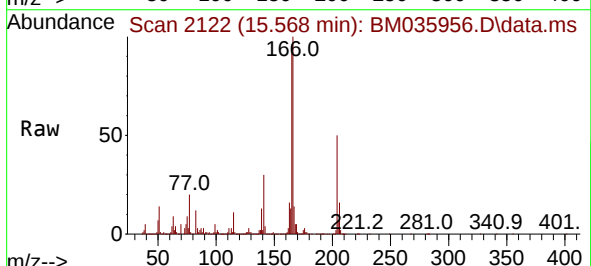
Tgt Ion:166 Resp: 1667383

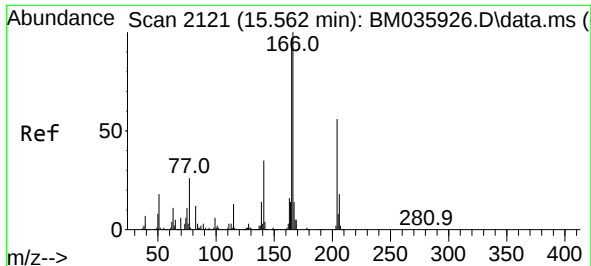
Ion Ratio Lower Upper

166 100

165 96.2 77.2 115.8

167 13.5 11.0 16.4

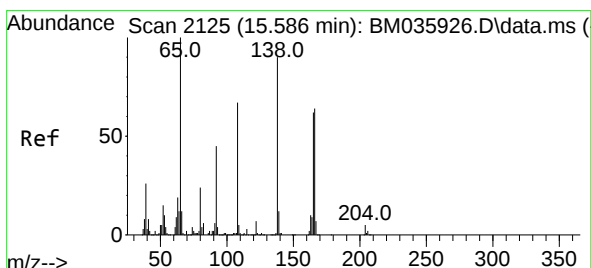
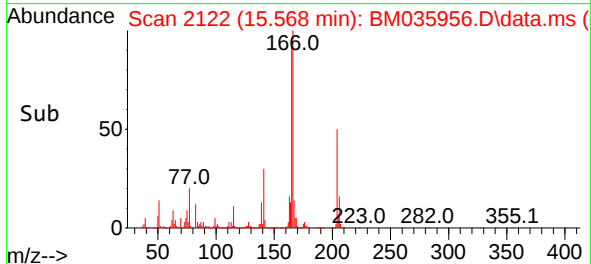
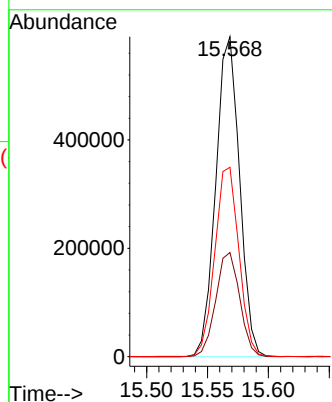
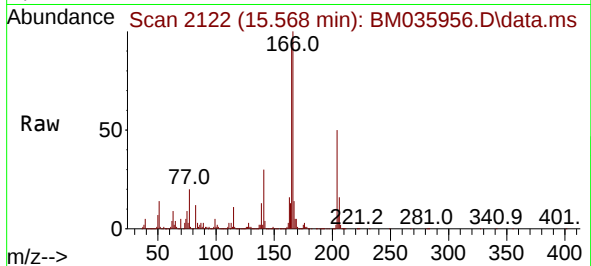




#62
4-Chlorophenyl-phenylether
Concen: 37.663 ng/ul
RT: 15.568 min Scan# 2121
Delta R.T. -0.012 min
Lab File: BM035956.D
Acq: 27 Jul 2022 18:25

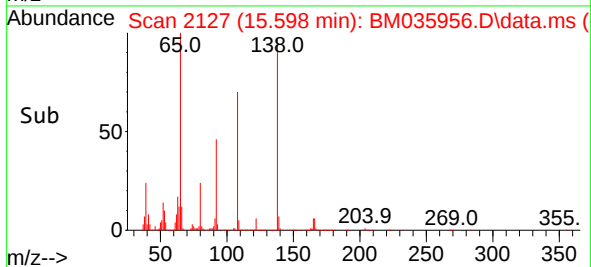
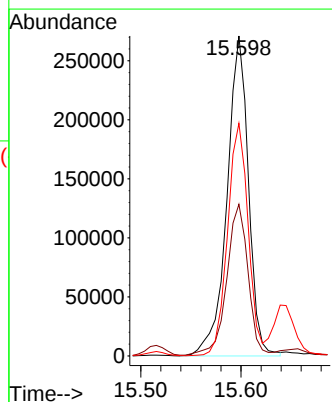
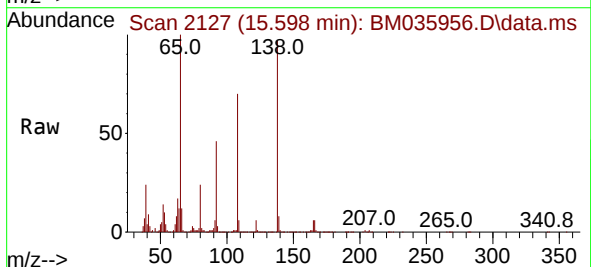
Instrument :
BNA_M
ClientSampleId :

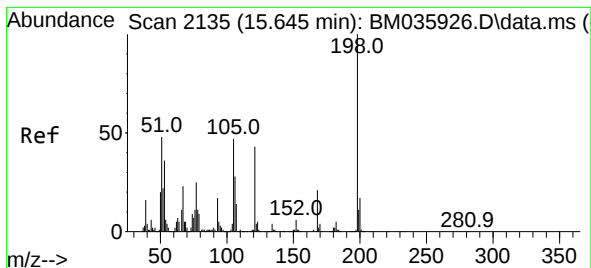
Tgt Ion:204 Resp: 802542
Ion Ratio Lower Upper
204 100
206 32.6 25.9 38.9
141 59.2 50.6 75.8



#63
4-Nitroaniline
Concen: 46.183 ng/ul
RT: 15.598 min Scan# 2127
Delta R.T. -0.012 min
Lab File: BM035956.D
Acq: 27 Jul 2022 18:25

Tgt Ion:138 Resp: 403234
Ion Ratio Lower Upper
138 100
92 47.4 39.2 58.8
108 72.7 51.6 77.4

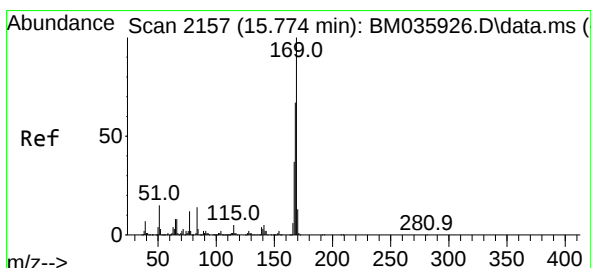
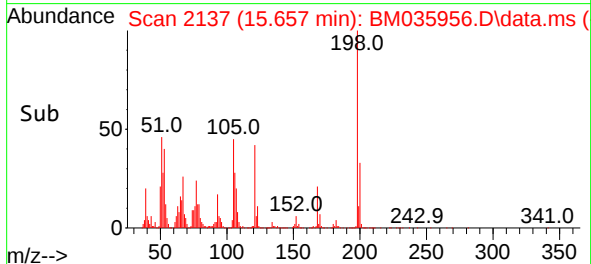
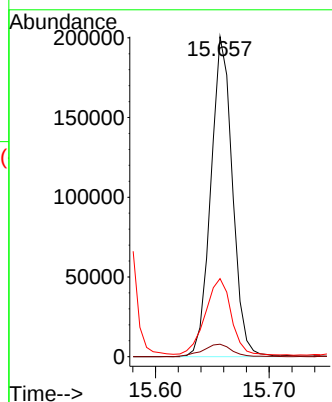
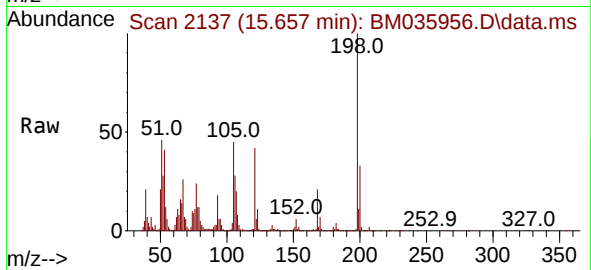




#66
 4,6-Dinitro-2-methylphenol
 Concen: 39.302 ng/ul
 RT: 15.657 min Scan# 2137
 Delta R.T. -0.024 min
 Lab File: BM035956.D
 Acq: 27 Jul 2022 18:25

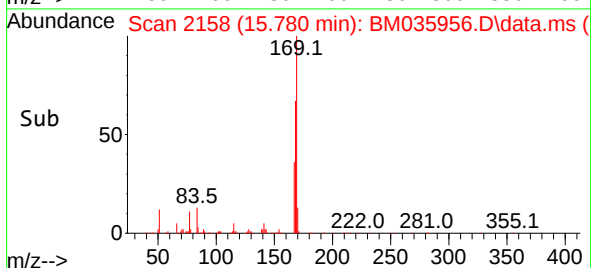
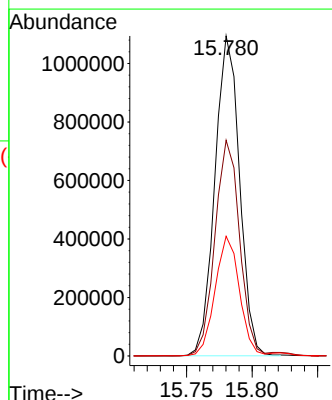
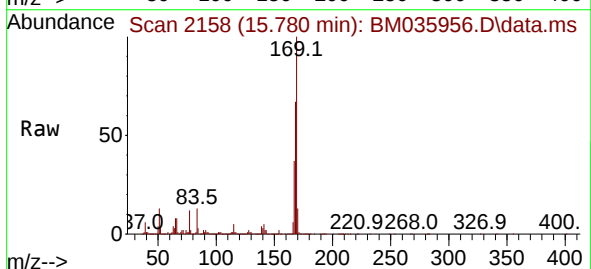
Instrument :
 BNA_M
 ClientSampleId :

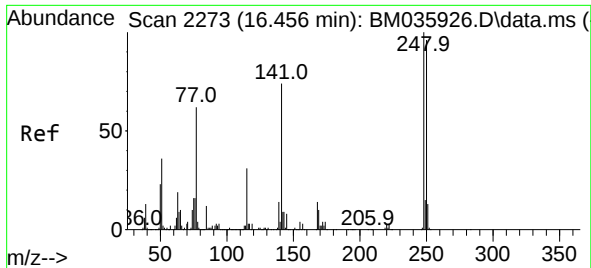
Tgt Ion:198 Resp: 264730
 Ion Ratio Lower Upper
 198 100
 182 3.9 4.2 6.4#
 77 24.4 19.9 29.9



#67
 N-Nitrosodiphenylamine
 Concen: 38.897 ng/ul
 RT: 15.780 min Scan# 2158
 Delta R.T. -0.012 min
 Lab File: BM035956.D
 Acq: 27 Jul 2022 18:25

Tgt Ion:169 Resp: 1432019
 Ion Ratio Lower Upper
 169 100
 168 67.4 53.8 80.6
 167 37.4 28.7 43.1

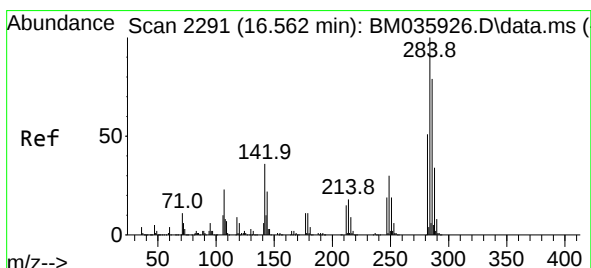
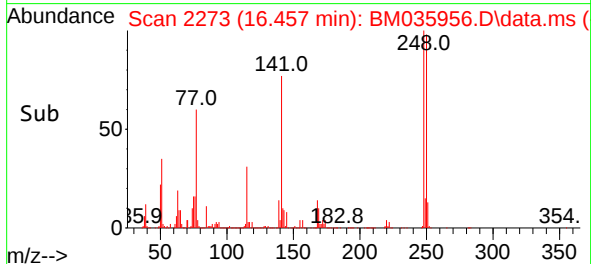
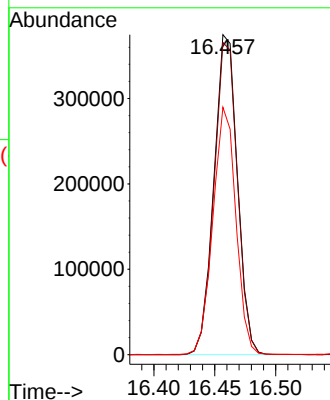
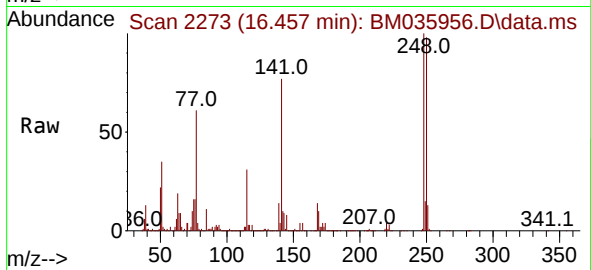




#68
4-Bromophenyl-phenylether
Concen: 41.021 ng/ul
RT: 16.457 min Scan# 21
Delta R.T. -0.012 min
Lab File: BM035956.D
Acq: 27 Jul 2022 18:25

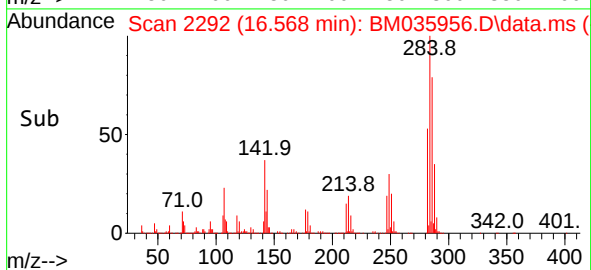
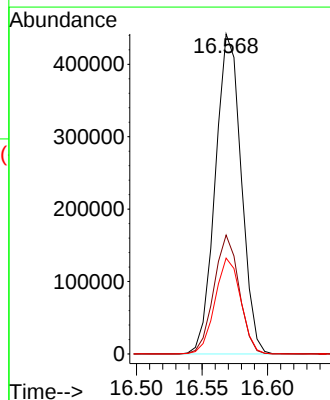
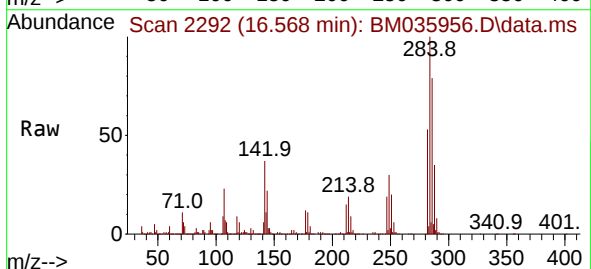
Instrument :
BNA_M
ClientSampleId :

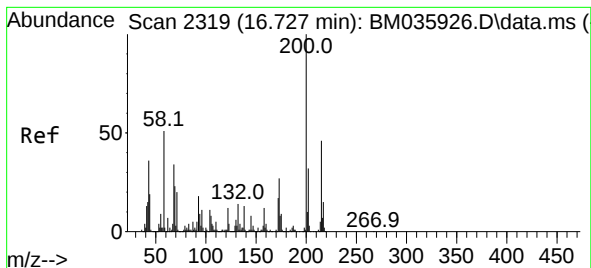
Tgt Ion:248 Resp: 503603
Ion Ratio Lower Upper
248 100
250 97.6 77.3 115.9
141 77.3 59.8 89.8



#69
Hexachlorobenzene
Concen: 40.583 ng/ul
RT: 16.568 min Scan# 2292
Delta R.T. -0.018 min
Lab File: BM035956.D
Acq: 27 Jul 2022 18:25

Tgt Ion:284 Resp: 607056
Ion Ratio Lower Upper
284 100
142 37.1 28.6 42.8
249 29.9 24.6 37.0





#70

Atrazine

Concen: 42.015 ng/ul

RT: 16.733 min Scan# 21

Delta R.T. -0.012 min

Lab File: BM035956.D

Acq: 27 Jul 2022 18:25

Instrument :

BNA_M

ClientSampleId :

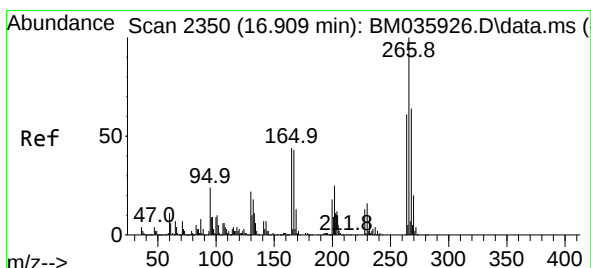
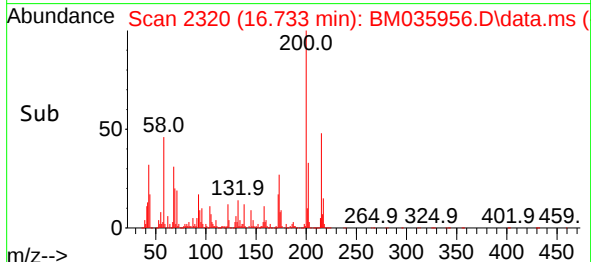
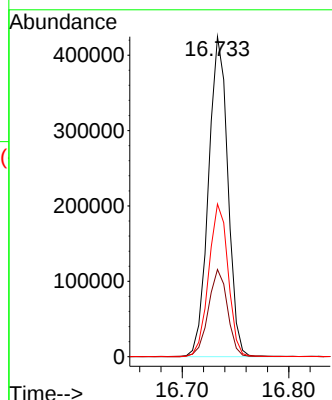
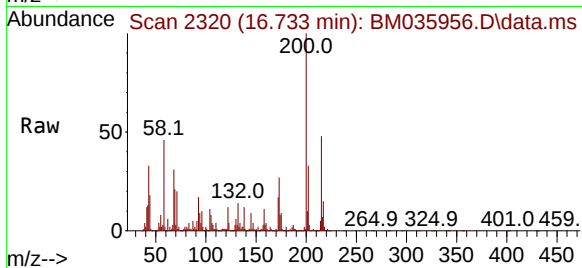
Tgt Ion:200 Resp: 536505

Ion Ratio Lower Upper

200 100

173 27.3 21.3 31.9

215 47.7 39.0 58.6



#71

Pentachlorophenol

Concen: 37.735 ng/ul

RT: 16.915 min Scan# 2351

Delta R.T. -0.018 min

Lab File: BM035956.D

Acq: 27 Jul 2022 18:25

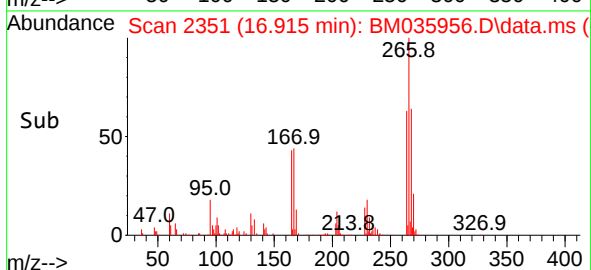
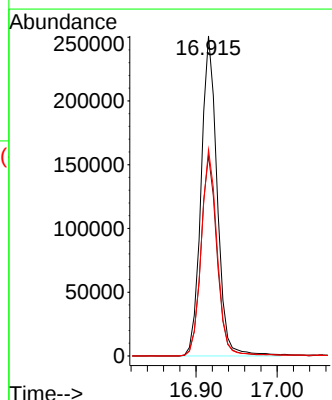
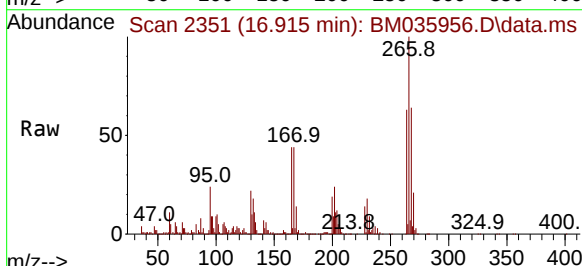
Tgt Ion:266 Resp: 344833

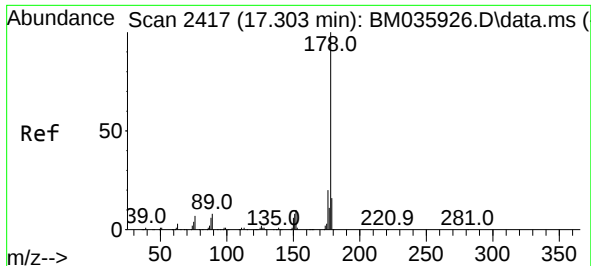
Ion Ratio Lower Upper

266 100

264 62.7 49.5 74.3

268 64.5 51.0 76.4

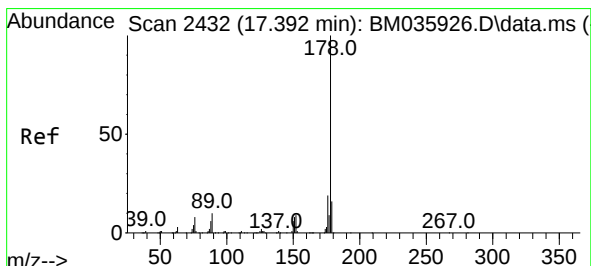
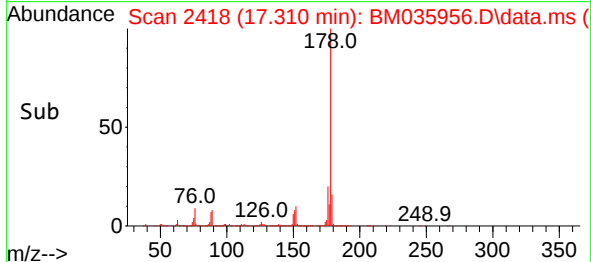
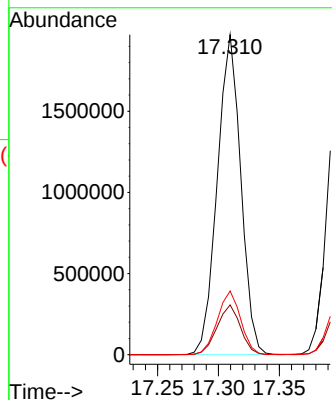
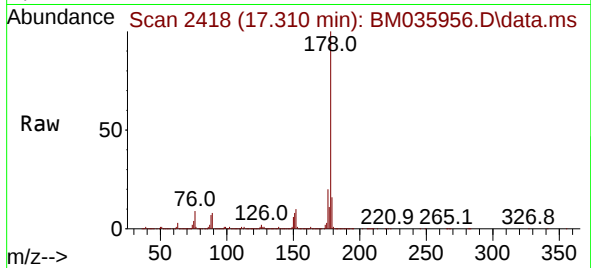




#72
Phenanthrene
Concen: 39.406 ng/ul
RT: 17.310 min Scan# 2417
Delta R.T. -0.012 min
Lab File: BM035956.D
Acq: 27 Jul 2022 18:25

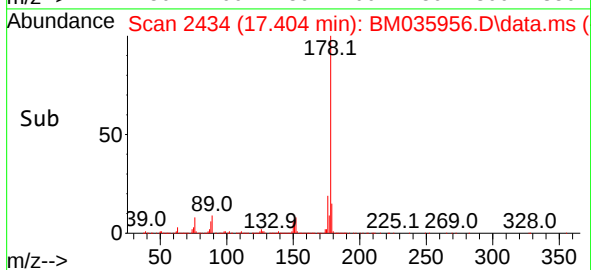
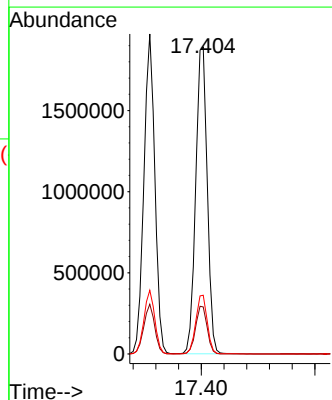
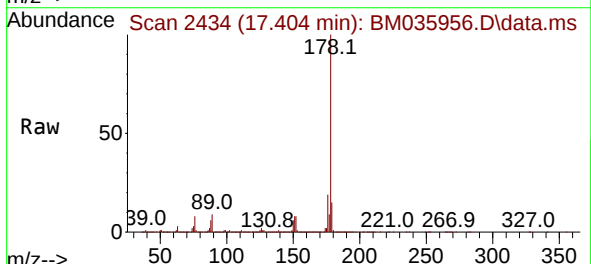
Instrument :
BNA_M
ClientSampleId :

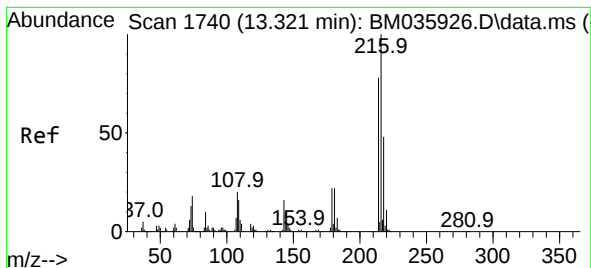
Tgt Ion:178 Resp: 2644846
Ion Ratio Lower Upper
178 100
179 15.6 12.2 18.2
176 19.9 14.9 22.3



#74
Anthracene
Concen: 39.851 ng/ul
RT: 17.404 min Scan# 2434
Delta R.T. -0.012 min
Lab File: BM035956.D
Acq: 27 Jul 2022 18:25

Tgt Ion:178 Resp: 2683952
Ion Ratio Lower Upper
178 100
179 15.3 12.2 18.2
176 19.2 14.4 21.6





#75

1,2,3,4-Tetrachlorobenzene

Concen: 32.833 ng/uL

RT: 13.327 min Scan# 1

Delta R.T. -0.018 min

Lab File: BM035956.D

Acq: 27 Jul 2022 18:25

Instrument :

BNA_M

ClientSampleId :

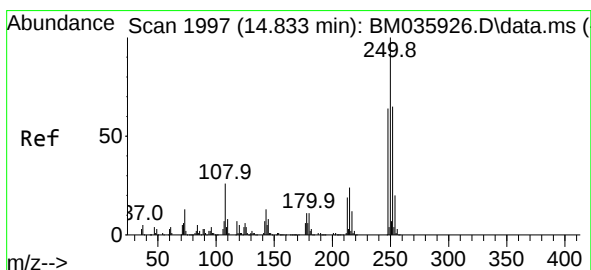
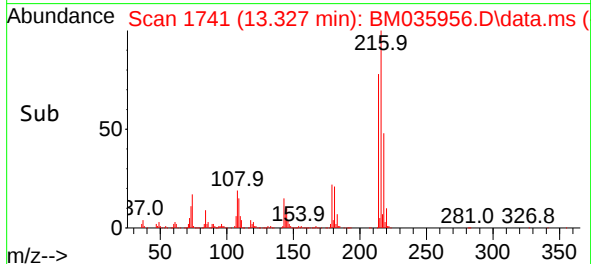
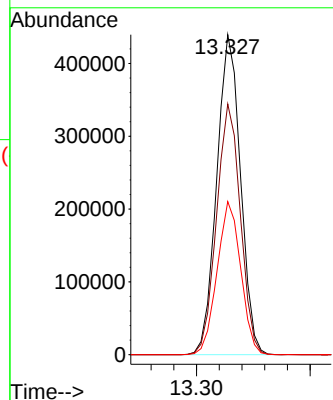
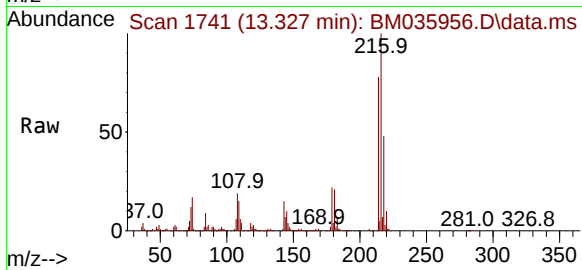
Tgt Ion:216 Resp: 639390

Ion Ratio Lower Upper

216 100

214 78.4 60.9 91.3

218 47.9 37.5 56.3



#76

Pentachlorobenzene

Concen: 37.918 ng/uL

RT: 14.845 min Scan# 1999

Delta R.T. -0.012 min

Lab File: BM035956.D

Acq: 27 Jul 2022 18:25

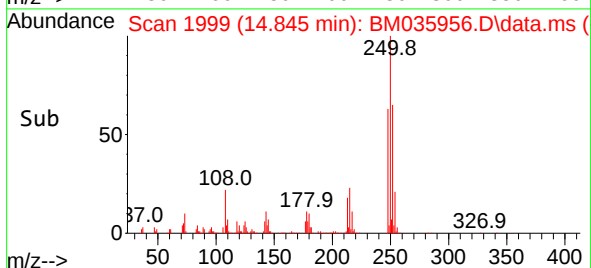
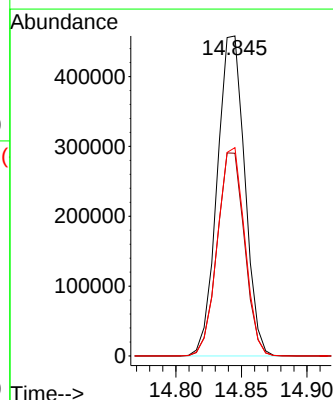
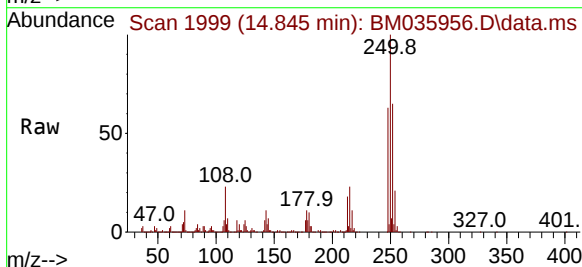
Tgt Ion:250 Resp: 669364

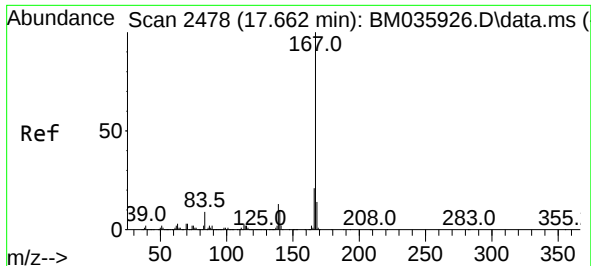
Ion Ratio Lower Upper

250 100

248 63.4 50.4 75.6

252 65.1 51.1 76.7

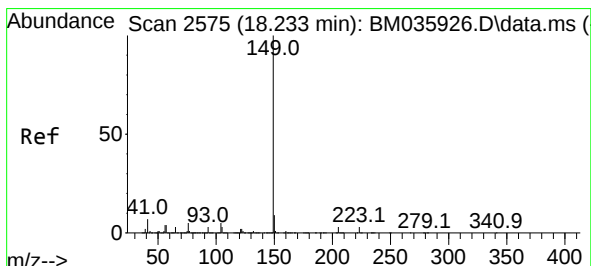
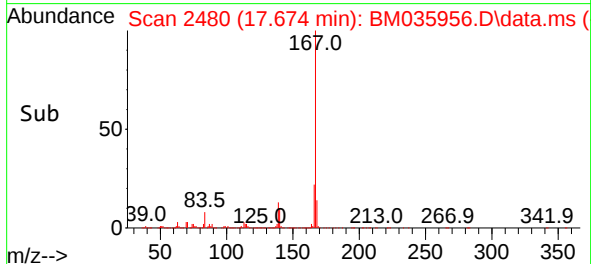
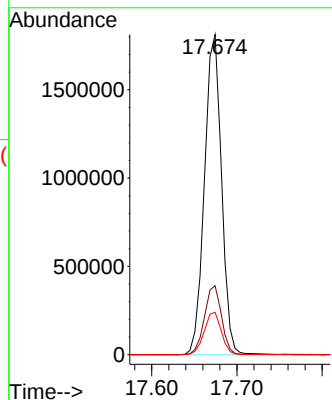
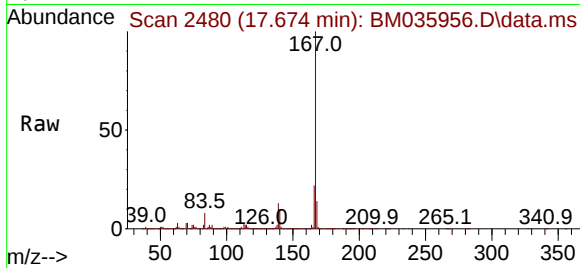




#77
 Carbazole
 Concen: 40.471 ng/ul
 RT: 17.674 min Scan# 2478
 Delta R.T. -0.012 min
 Lab File: BM035956.D
 Acq: 27 Jul 2022 18:25

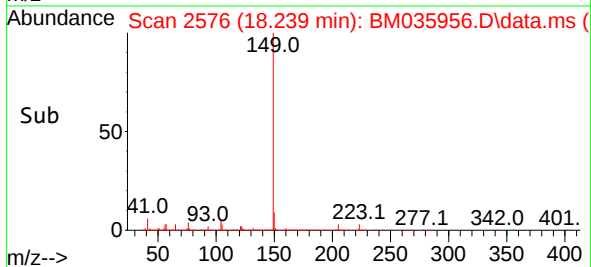
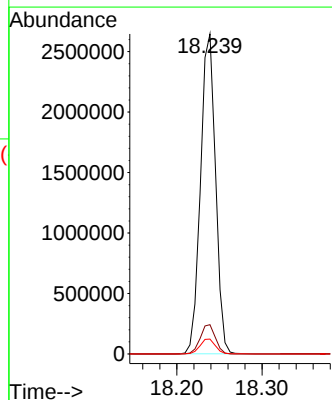
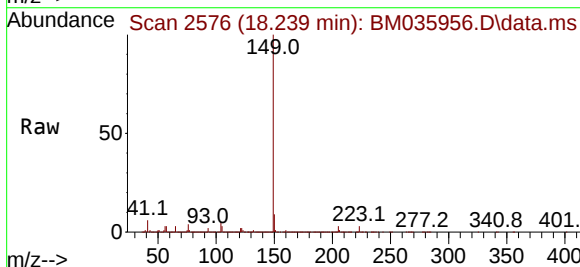
Instrument :
 BNA_M
 ClientSampleId :

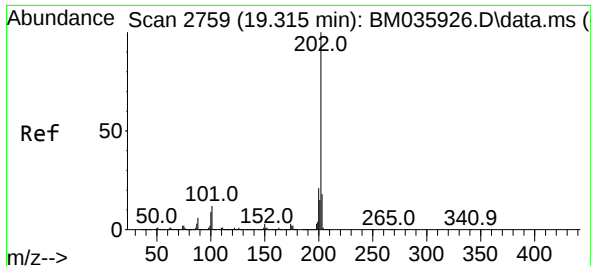
Tgt Ion:167 Resp: 2517429
 Ion Ratio Lower Upper
 167 100
 166 21.5 17.4 26.0
 139 13.2 10.1 15.1



#78
 Di-n-butylphthalate
 Concen: 46.131 ng/ul
 RT: 18.239 min Scan# 2576
 Delta R.T. -0.006 min
 Lab File: BM035956.D
 Acq: 27 Jul 2022 18:25

Tgt Ion:149 Resp: 3237611
 Ion Ratio Lower Upper
 149 100
 150 9.1 7.3 10.9
 104 4.6 3.7 5.5

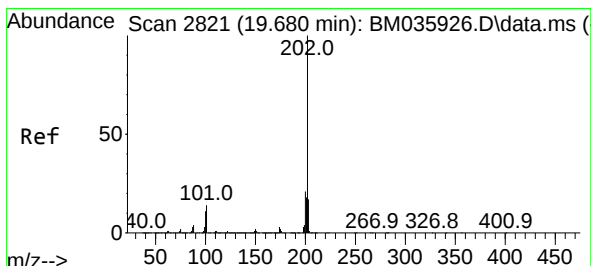
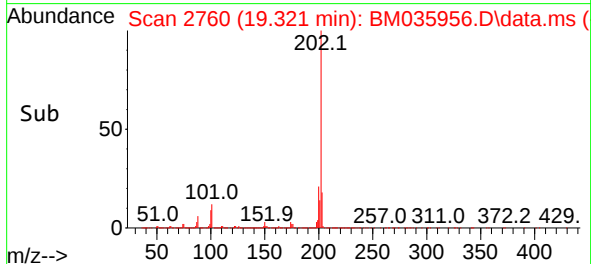
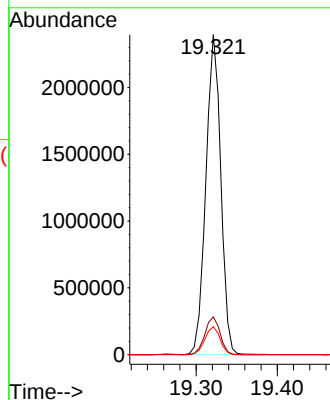
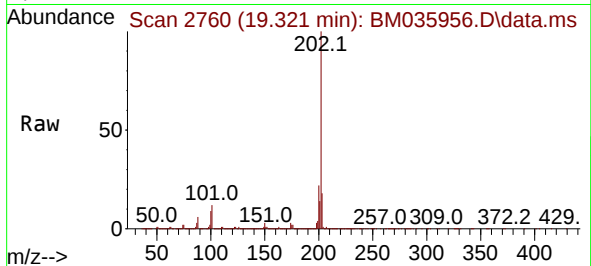




#80
Fluoranthene
Concen: 41.326 ng/ul
RT: 19.321 min Scan# 21
Delta R.T. -0.018 min
Lab File: BM035956.D
Acq: 27 Jul 2022 18:25

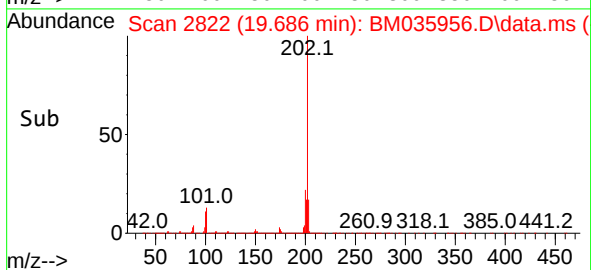
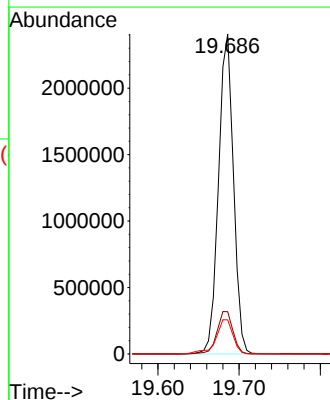
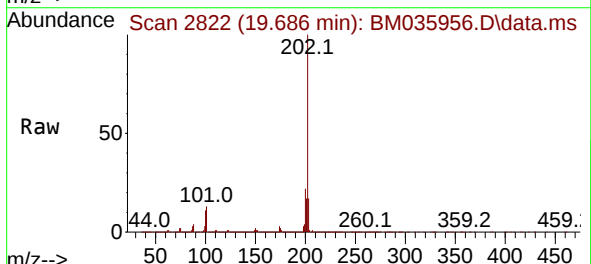
Instrument :
BNA_M
ClientSampleId :

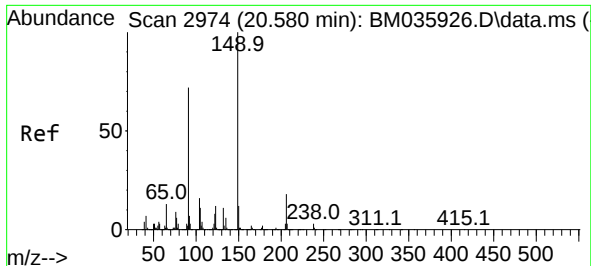
Tgt Ion:202 Resp: 3038550
Ion Ratio Lower Upper
202 100
101 11.8 10.1 15.1
100 8.7 7.8 11.6



#82
Pyrene
Concen: 40.757 ng/ul
RT: 19.686 min Scan# 2822
Delta R.T. -0.012 min
Lab File: BM035956.D
Acq: 27 Jul 2022 18:25

Tgt Ion:202 Resp: 3088788
Ion Ratio Lower Upper
202 100
101 13.2 11.9 17.9
100 10.6 10.2 15.4

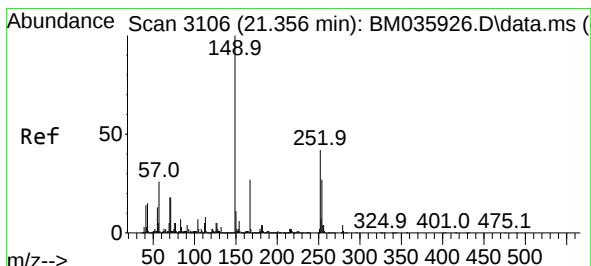
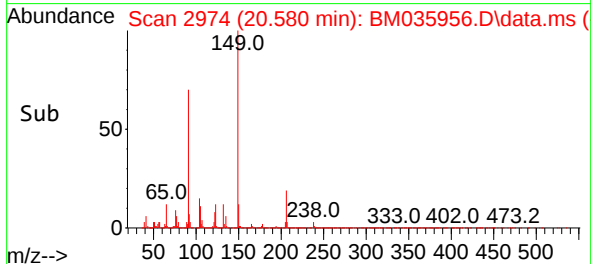
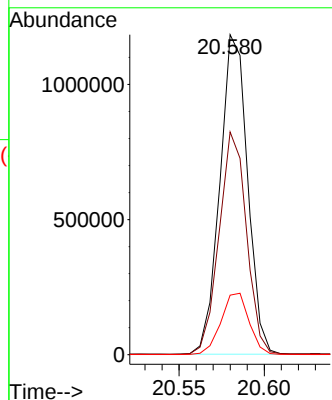
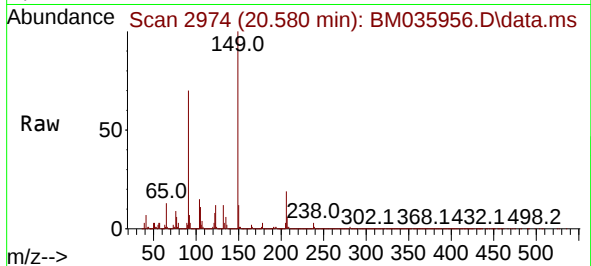




#83
 Butylbenzylphthalate
 Concen: 48.537 ng/ul
 RT: 20.580 min Scan# 2974
 Delta R.T. -0.012 min
 Lab File: BM035956.D
 Acq: 27 Jul 2022 18:25

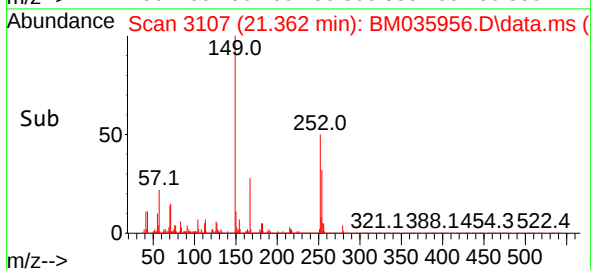
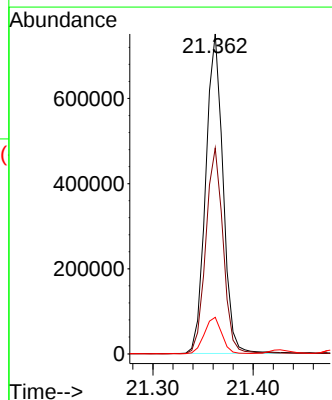
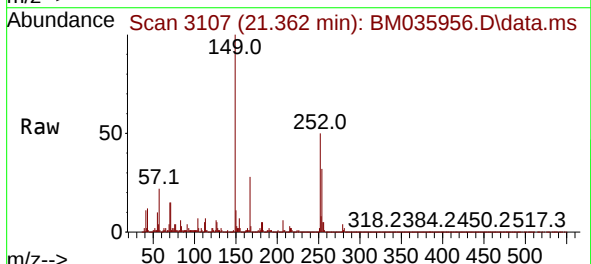
Instrument :
 BNA_M
 ClientSampleId :

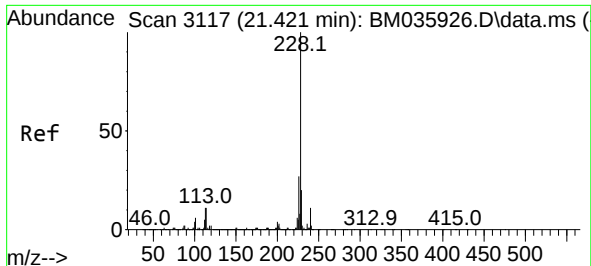
Tgt Ion:149 Resp: 1337851
 Ion Ratio Lower Upper
 149 100
 91 69.6 53.2 79.8
 206 18.6 16.0 24.0



#84
 3,3'-Dichlorobenzidine
 Concen: 44.107 ng/ul
 RT: 21.362 min Scan# 3107
 Delta R.T. -0.012 min
 Lab File: BM035956.D
 Acq: 27 Jul 2022 18:25

Tgt Ion:252 Resp: 903769
 Ion Ratio Lower Upper
 252 100
 254 64.4 52.4 78.6
 126 11.5 10.8 16.2

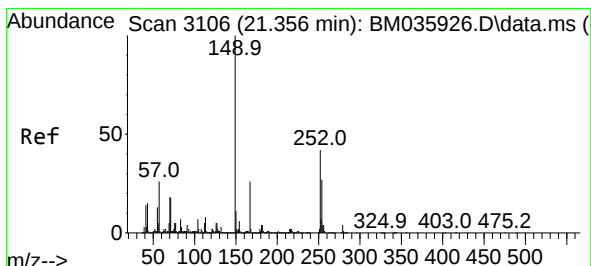
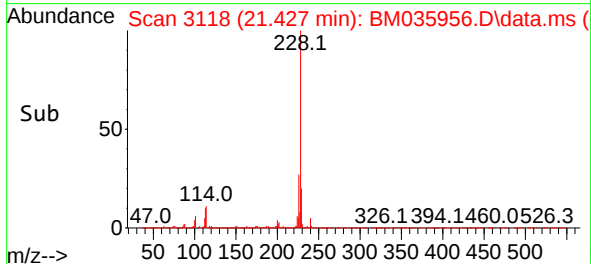
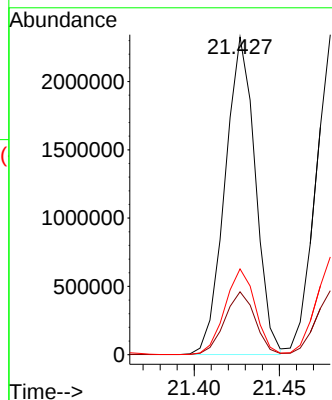
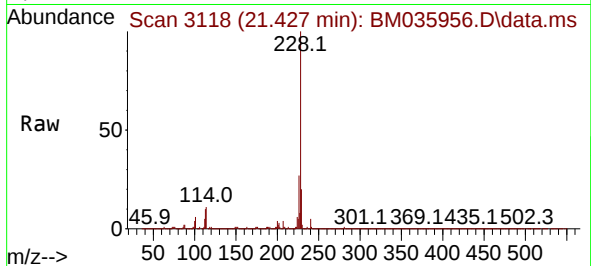




#85
Benzo(a)anthracene
Concen: 41.068 ng/ul
RT: 21.427 min Scan# 3117
Delta R.T. -0.018 min
Lab File: BM035956.D
Acq: 27 Jul 2022 18:25

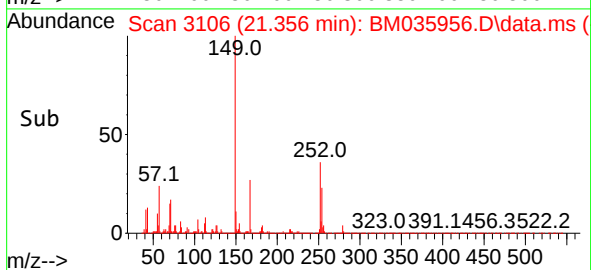
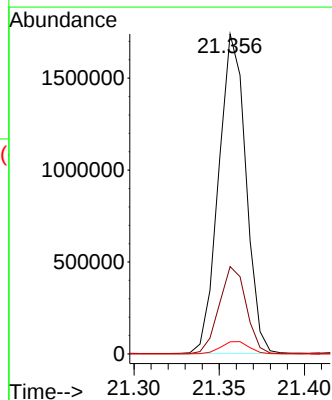
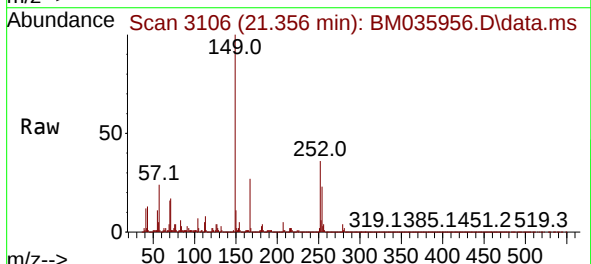
Instrument :
BNA_M
ClientSampleId :

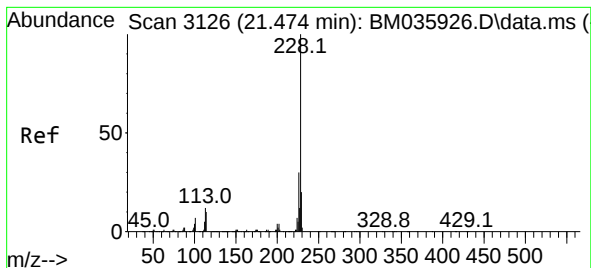
Tgt Ion:228 Resp: 2870232
Ion Ratio Lower Upper
228 100
229 19.8 15.6 23.4
226 27.0 21.7 32.5



#86
Bis(2-ethylhexyl)phthalate
Concen: 48.528 ng/ul
RT: 21.356 min Scan# 3106
Delta R.T. -0.012 min
Lab File: BM035956.D
Acq: 27 Jul 2022 18:25

Tgt Ion:149 Resp: 1932757
Ion Ratio Lower Upper
149 100
167 27.3 21.5 32.3
279 3.8 3.4 5.2





#87

Chrysene

Concen: 41.004 ng/ul

RT: 21.480 min Scan# 31

Delta R.T. -0.018 min

Lab File: BM035956.D

Acq: 27 Jul 2022 18:25

Instrument :

BNA_M

ClientSampleId :

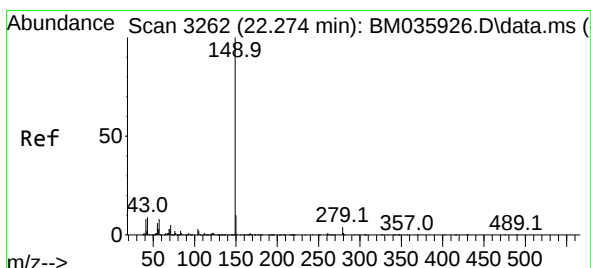
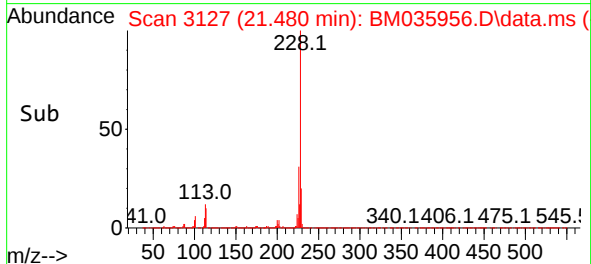
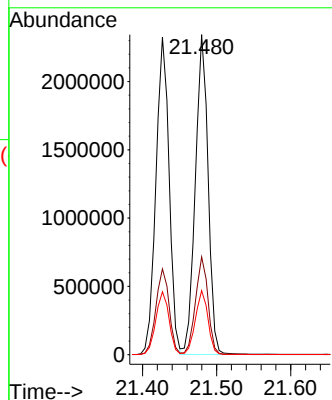
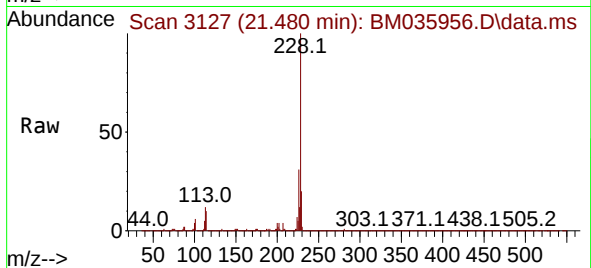
Tgt Ion:228 Resp: 2796157

Ion Ratio Lower Upper

228 100

226 30.5 23.7 35.5

229 20.0 15.5 23.3



#89

Di-n-octyl phthalate

Concen: 43.064 ng/ul

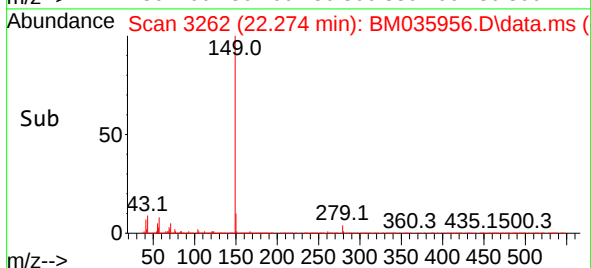
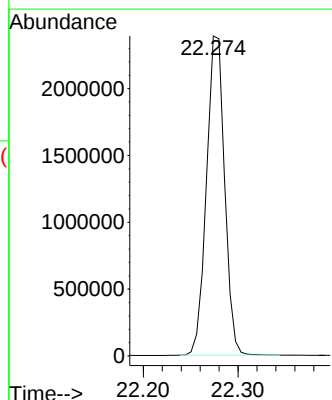
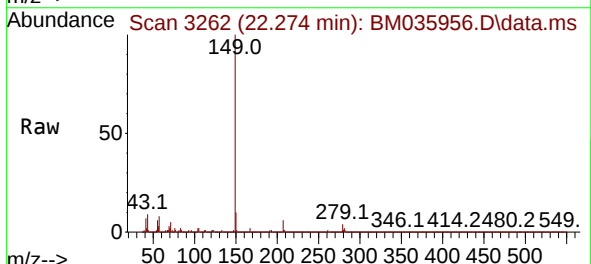
RT: 22.274 min Scan# 3262

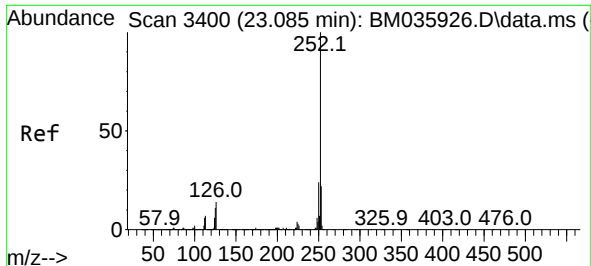
Delta R.T. -0.012 min

Lab File: BM035956.D

Acq: 27 Jul 2022 18:25

Tgt Ion:149 Resp: 3176335

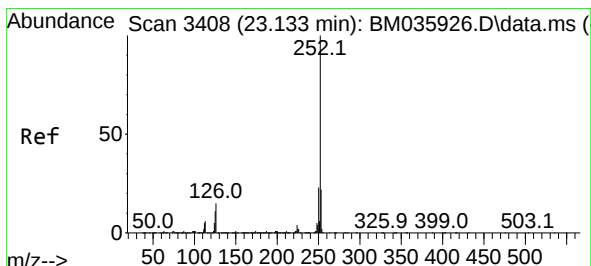
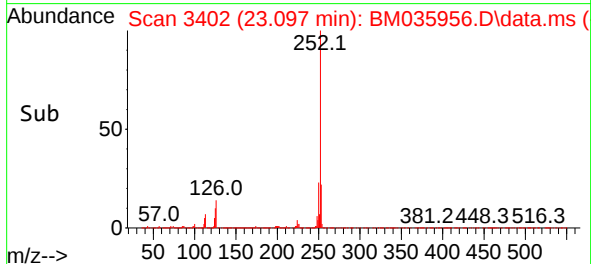
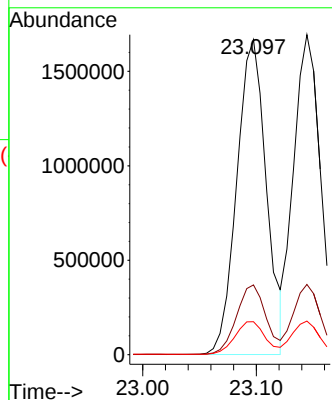
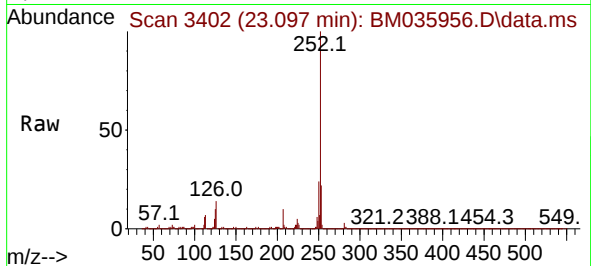




#90
Benzo(b)fluoranthene
Concen: 39.554 ng/ul
RT: 23.097 min Scan# 3400
Delta R.T. -0.024 min
Lab File: BM035956.D
Acq: 27 Jul 2022 18:25

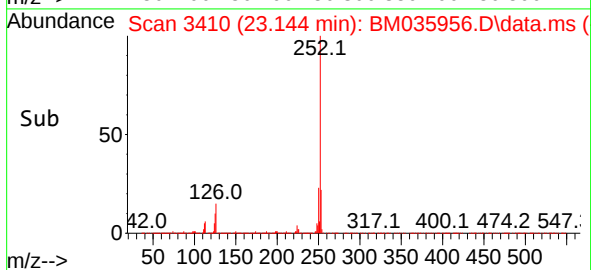
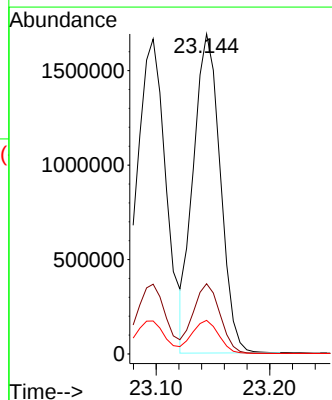
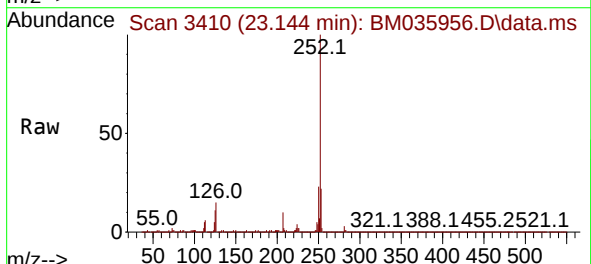
Instrument :
BNA_M
ClientSampleId :

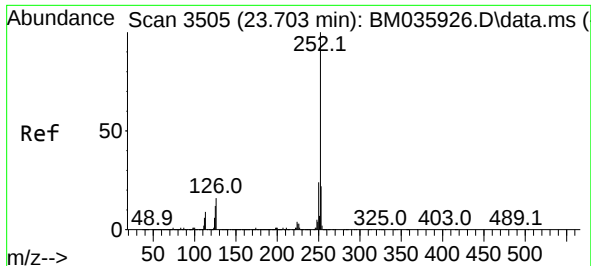
Tgt Ion:252 Resp: 3015066
Ion Ratio Lower Upper
252 100
253 22.2 17.5 26.3
125 10.4 10.7 16.1#



#91
Benzo(k)fluoranthene
Concen: 38.483 ng/ul
RT: 23.144 min Scan# 3410
Delta R.T. -0.024 min
Lab File: BM035956.D
Acq: 27 Jul 2022 18:25

Tgt Ion:252 Resp: 2783679
Ion Ratio Lower Upper
252 100
253 21.9 17.4 26.0
125 10.5 10.6 15.8#

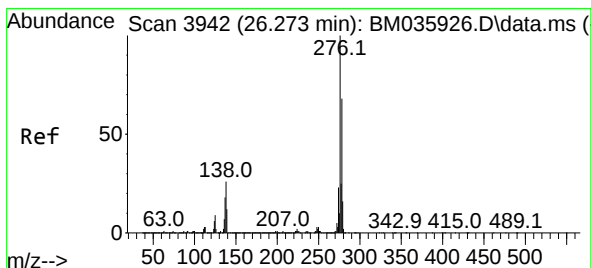
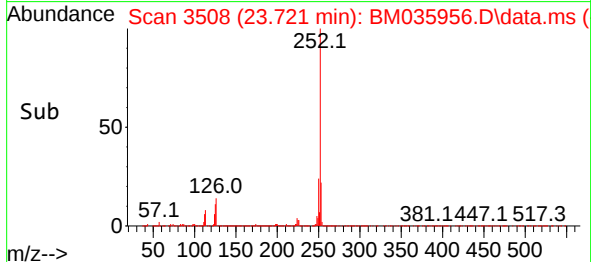
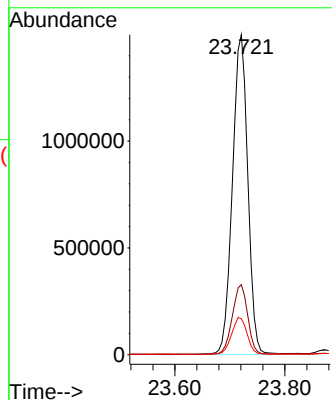
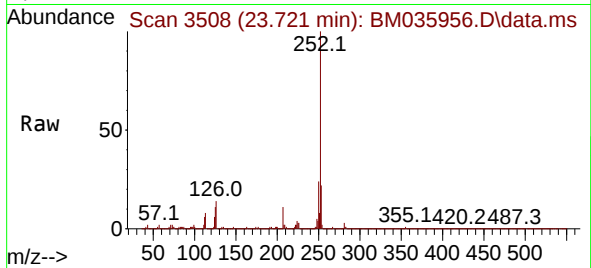




#93
Benzo(a)pyrene
Concen: 39.921 ng/ul
RT: 23.721 min Scan# 3508
Delta R.T. -0.024 min
Lab File: BM035956.D
Acq: 27 Jul 2022 18:25

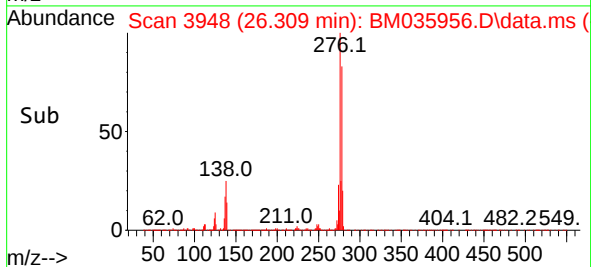
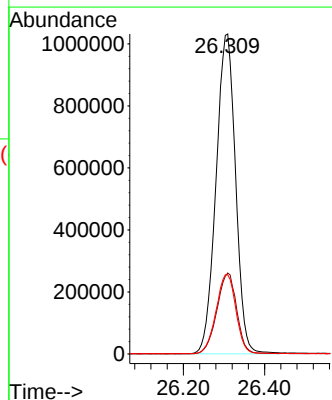
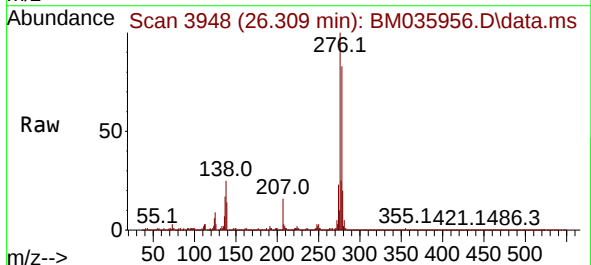
Instrument :
BNA_M
ClientSampleId :

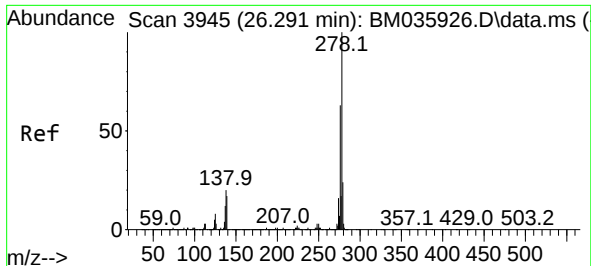
Tgt Ion:252 Resp: 2898471
Ion Ratio Lower Upper
252 100
253 21.9 17.3 25.9
125 11.2 11.8 17.8#



#94
Indeno(1,2,3-cd)pyrene
Concen: 44.539 ng/ul
RT: 26.309 min Scan# 3948
Delta R.T. -0.035 min
Lab File: BM035956.D
Acq: 27 Jul 2022 18:25

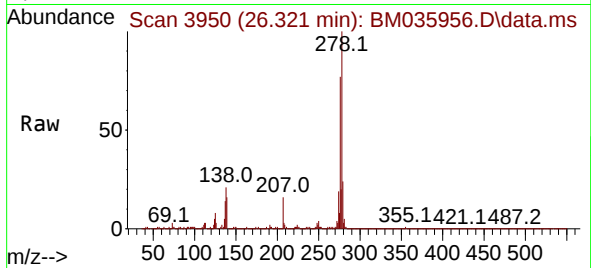
Tgt Ion:276 Resp: 3446902
Ion Ratio Lower Upper
276 100
138 25.3 25.6 38.4#
277 24.7 20.1 30.1



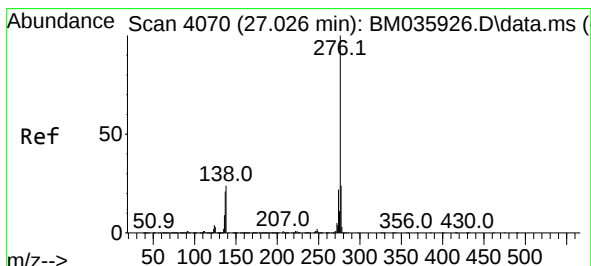
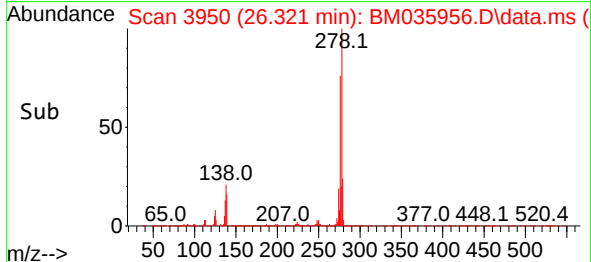
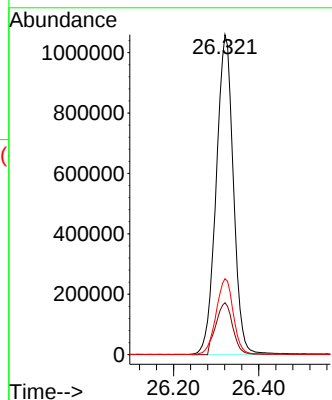


#95
 Dibenzo(a,h)anthracene
 Concen: 44.691 ng/ul
 RT: 26.321 min Scan# 3945
 Delta R.T. -0.035 min
 Lab File: BM035956.D
 Acq: 27 Jul 2022 18:25

Instrument :
 BNA_M
 ClientSampleId :



Tgt Ion:278 Resp: 2967274
 Ion Ratio Lower Upper
 278 100
 139 16.3 16.2 24.2
 279 23.8 18.7 28.1



#96
 Benzo(g,h,i)perylene
 Concen: 45.256 ng/ul
 RT: 27.068 min Scan# 4077
 Delta R.T. -0.041 min
 Lab File: BM035956.D
 Acq: 27 Jul 2022 18:25

Tgt Ion:276 Resp: 2902360
 Ion Ratio Lower Upper
 276 100
 138 22.3 21.3 31.9
 277 23.8 18.6 28.0

