

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120921\
 Data File : BM033356.D
 Acq On : 09 Dec 2021 13:48
 Operator : CG/JU
 Sample : SSTDICV020
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Dec 10 01:19:53 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM120921.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Dec 09 13:25:37 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.907	152	42648	20.000	ng/u1	0.00
20) Naphthalene-d8	10.701	136	181035	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.536	164	121755	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.277	188	265175	20.000	ng/u1	0.00
79) Chrysene-d12	21.436	240	269909	20.000	ng/u1	0.00
88) Perylene-d12	23.765	264	263114	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.361	96	7916	6.975	ng/uL	0.00
4) Pyridine-d5	3.784	84	55603	16.898	ng/u1	0.00
7) Phenol-d5	7.078	99	70055	17.347	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.237	67	46856	17.722	ng/u1	0.00
11) 2-Chlorophenol-d4	7.443	132	51812	18.325	ng/u1	0.00
15) 4-Methylphenol-d8	8.613	113	56540	17.887	ng/u1	0.00
21) Nitrobenzene-d5	9.066	128	27257	18.556	ng/u1	0.00
24) 2-Nitrophenol-d4	9.790	143	28688	19.035	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.325	165	53556	18.804	ng/u1	0.00
31) 4-Chloroaniline-d4	10.843	131	73385	17.378	ng/u1	0.00
46) Dimethylphthalate-d6	13.942	166	173130	19.031	ng/u1	0.00
49) Acenaphthylene-d8	14.231	160	216674	19.213	ng/u1	0.00
54) 4-Nitrophenol-d4	14.742	143	28352	17.165	ng/u1	0.00
60) Fluorene-d10	15.525	176	153980	18.923	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.642	200	27041	16.895	ng/u1	0.00
73) Anthracene-d10	17.372	188	249489	19.037	ng/u1	0.00
81) Pyrene-d10	19.660	212	288873	19.149	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.612	264	262211	18.386	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.402	88	8417	6.663	ng/uL	88
5) Pyridine	3.802	79	58142	17.156	ng/u1	93
6) Benzaldehyde	7.055	77	52025	23.123	ng/u1	89
8) Phenol	7.102	94	72970	17.542	ng/u1	95
10) Bis(2-Chloroethyl)ether	7.331	93	56821	18.157	ng/u1	96
12) 2-Chlorophenol	7.472	128	55328	18.923	ng/u1	95
13) 2-Methylphenol	8.349	108	52759	17.494	ng/u1	92
14) 2,2'-oxybis(1-Chloropr...	8.425	45	97783	18.109	ng/u1	98
16) Acetophenone	8.731	105	92371	17.640	ng/u1	98
17) N-Nitroso-di-n-propyla...	8.713	70	53131	18.563	ng/u1	98
18) 4-Methylphenol	8.678	108	57959	17.565	ng/u1	93
19) Hexachloroethane	8.984	117	27776	18.804	ng/u1#	85
22) Nitrobenzene	9.113	77	79454	18.475	ng/u1	98
23) Isophorone	9.631	82	136327	18.512	ng/u1	99
25) 2-Nitrophenol	9.819	139	30269	18.945	ng/u1	98
26) 2,4-Dimethylphenol	9.878	107	71891	18.557	ng/u1	97
27) Bis(2-Chloroethoxy)met...	10.113	93	77206	18.641	ng/u1	99
29) 2,4-Dichlorophenol	10.354	162	55255	19.165	ng/u1	94
30) Naphthalene	10.754	128	188486	18.683	ng/u1	100
32) 4-Chloroaniline	10.866	127	76754	18.085	ng/u1	99
33) Hexachlorobutadiene	11.031	225	39223	18.585	ng/u1	98
34) Caprolactam	11.654	113	16085	16.543	ng/u1	98
35) 4-Chloro-3-methylphenol	11.990	107	62682	18.521	ng/u1	91
36) 2-Methylnaphthalene	12.360	142	126524	18.493	ng/u1	98

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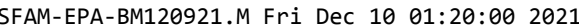
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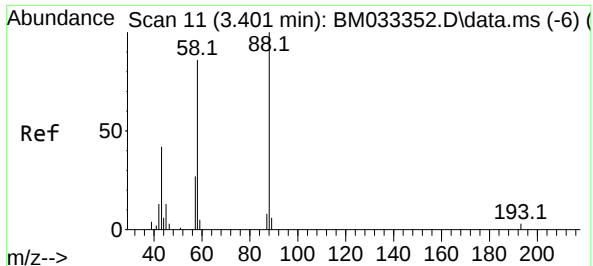
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.578	142	134158	18.869	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.725	216	70201	19.137	ng/ul	95
40) Hexachlorocyclopentadiene	12.701	237	64879	27.098	ng/ul	98
41) 2,4,6-Trichlorophenol	12.972	196	42236	19.560	ng/ul	92
42) 2,4,5-Trichlorophenol	13.048	196	45609	19.497	ng/ul	97
43) 1,1'-Biphenyl	13.372	154	178774	19.193	ng/ul	96
44) 2-Chloronaphthalene	13.413	162	138617	19.342	ng/ul	100
45) 2-Nitroaniline	13.625	65	48648	19.035	ng/ul	95
47) Dimethylphthalate	13.989	163	170912	18.921	ng/ul	99
48) 2,6-Dinitrotoluene	14.113	165	32944	18.868	ng/ul	93
50) Acenaphthylene	14.254	152	223902	19.069	ng/ul	99
51) 3-Nitroaniline	14.448	138	32246	18.762	ng/ul#	99
52) Acenaphthene	14.595	153	146807	18.839	ng/ul	94
53) 2,4-Dinitrophenol	14.654	184	15288	14.899	ng/ul	97
55) 4-Nitrophenol	14.760	109	31016	17.373	ng/ul	91
56) Dibenzofuran	14.930	168	213328	18.877	ng/ul	98
57) 2,4-Dinitrotoluene	14.901	165	49465	19.284	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	15.160	232	37503	18.859	ng/ul#	98
59) Diethylphthalate	15.348	149	175887	18.762	ng/ul	99
61) Fluorene	15.578	166	176583	19.004	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.572	204	88027	18.992	ng/ul	96
63) 4-Nitroaniline	15.607	138	35084	19.878	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.660	198	27670	17.356	ng/ul#	97
67) N-Nitrosodiphenylamine	15.789	169	146706	18.816	ng/ul	98
68) 4-Bromophenyl-phenylether	16.466	248	51031	19.106	ng/ul	98
69) Hexachlorobenzene	16.577	284	56413	18.332	ng/ul	94
70) Atrazine	16.736	200	54533	17.627	ng/ul	98
71) Pentachlorophenol	16.924	266	39921	23.134	ng/ul	97
72) Phenanthrene	17.319	178	283140	18.509	ng/ul	99
74) Anthracene	17.407	178	286246	18.456	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.331	216	72132	18.861	ng/ul	97
76) Pentachlorobenzene	14.848	250	71573	18.951	ng/ul	95
77) Carbazole	17.677	167	253880	18.111	ng/ul	99
78) Di-n-butylphthalate	18.230	149	291278	18.518	ng/ul	99
80) Fluoranthene	19.324	202	334198	18.795	ng/ul	99
82) Pyrene	19.689	202	353085	18.968	ng/ul	98
83) Butylbenzylphthalate	20.577	149	134704	18.891	ng/ul	94
84) 3,3'-Dichlorobenzidine	21.359	252	115599	18.843	ng/ul	96
85) Benzo(a)anthracene	21.424	228	331092	18.670	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.342	149	190191	18.559	ng/ul	99
87) Chrysene	21.477	228	324213	18.602	ng/ul	98
89) Di-n-octyl phthalate	22.242	149	326642	16.932	ng/ul	100
90) Benzo(b)fluoranthene	23.059	252	337678	18.732	ng/ul	98
91) Benzo(k)fluoranthene	23.106	252	309479	18.541	ng/ul	99
93) Benzo(a)pyrene	23.659	252	317977	18.383	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.136	276	339241	18.034	ng/ul	99
95) Dibenzo(a,h)anthracene	26.153	278	292107	17.852	ng/ul	97
96) Benzo(g,h,i)perylene	26.865	276	289475	18.042	ng/ul	98

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

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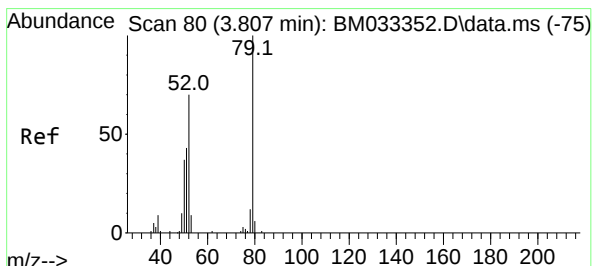
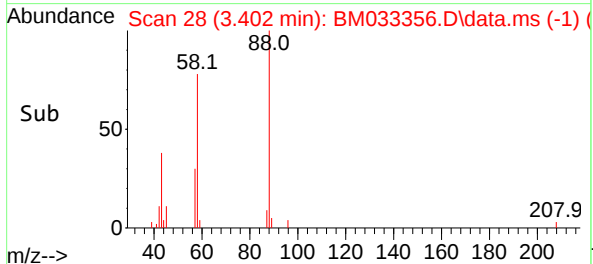
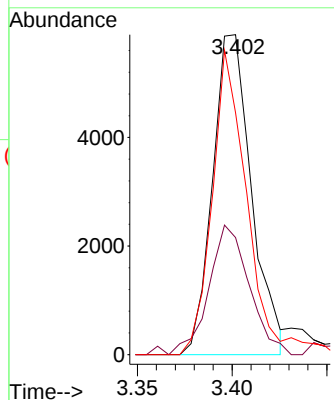
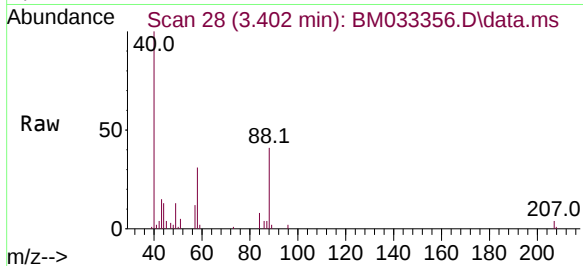




#2
1,4-Dioxane
Concen: 6.663 ng/uL
RT: 3.402 min Scan# 21
Delta R.T. 0.001 min
Lab File: BM033356.D
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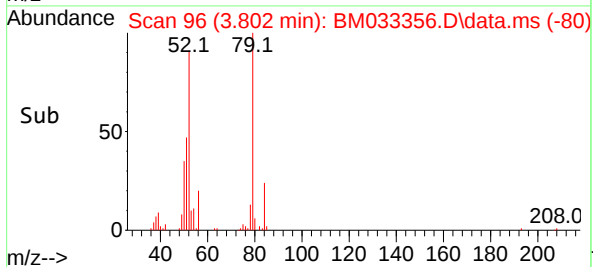
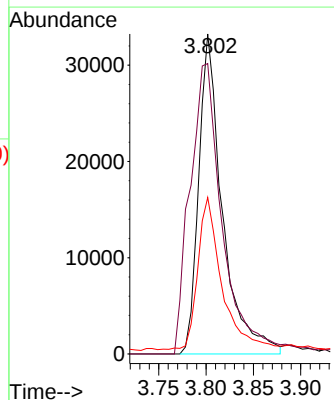
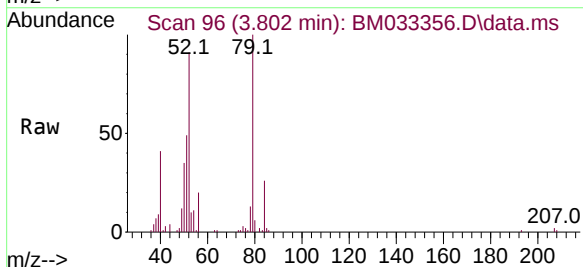
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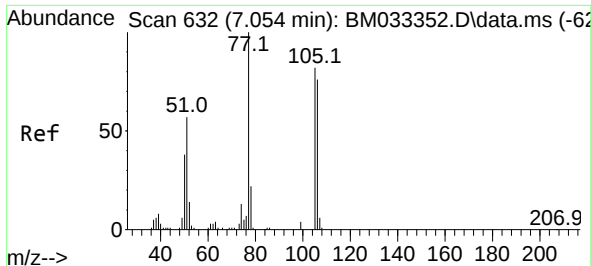
Tgt Ion: 88 Resp: 8417
Ion Ratio Lower Upper
88 100
43 36.6 36.2 54.4
58 75.6 68.5 102.7



#5
Pyridine
Concen: 17.156 ng/uL
RT: 3.802 min Scan# 96
Delta R.T. -0.006 min
Lab File: BM033356.D
Acq: 09 Dec 2021 13:48

Tgt Ion: 79 Resp: 58142
Ion Ratio Lower Upper
79 100
52 90.8 78.1 117.1
51 48.9 36.0 54.0

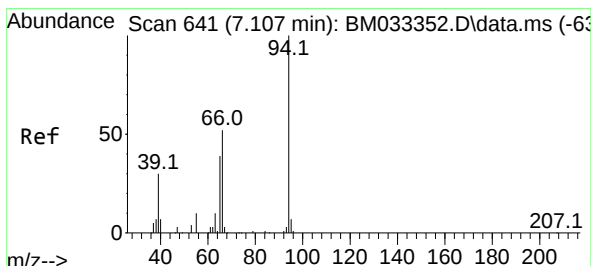
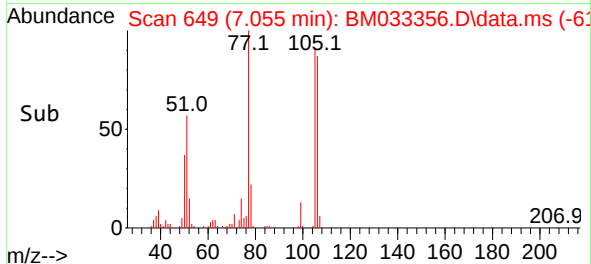
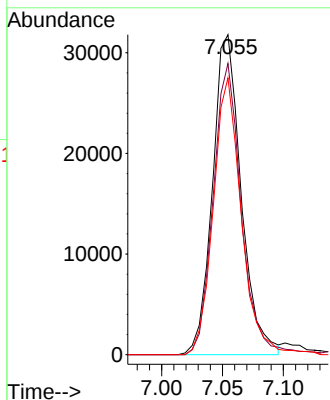
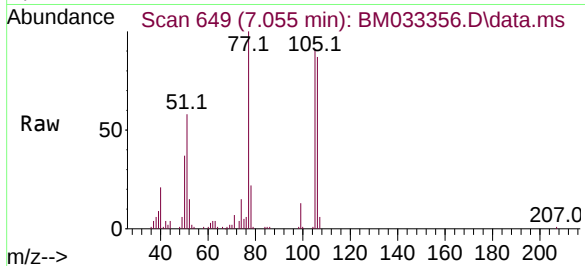




#6
Benzaldehyde
Concen: 23.123 ng/ul
RT: 7.055 min Scan# 649
Delta R.T. 0.000 min
Lab File: BM033356.D
Acq: 09 Dec 2021 13:48

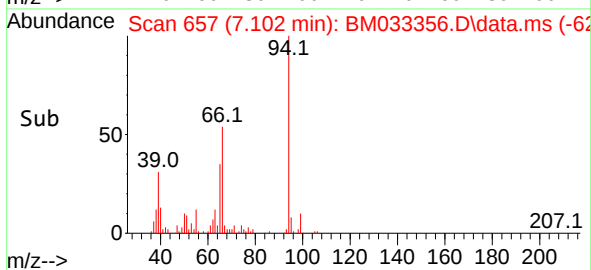
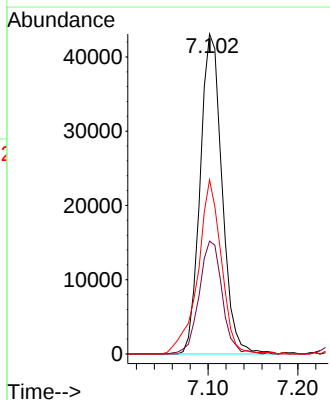
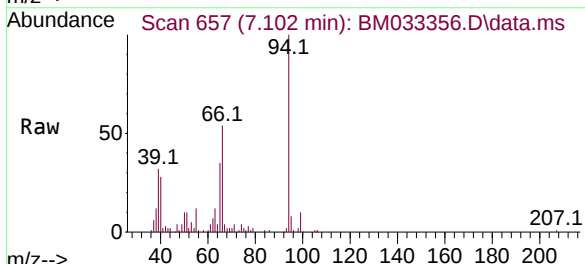
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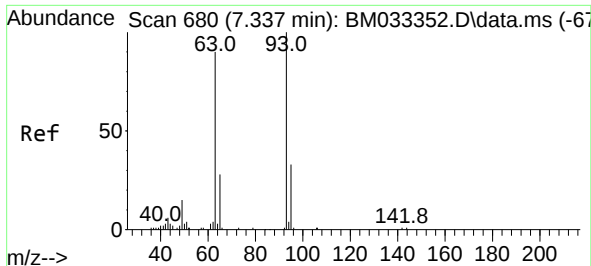
Tgt Ion: 77 Resp: 52025
Ion Ratio Lower Upper
77 100
105 91.0 65.6 98.4
106 86.5 60.6 90.8



#8
Phenol
Concen: 17.542 ng/ul
RT: 7.102 min Scan# 657
Delta R.T. -0.006 min
Lab File: BM033356.D
Acq: 09 Dec 2021 13:48

Tgt Ion: 94 Resp: 72970
Ion Ratio Lower Upper
94 100
65 35.3 31.7 47.5
66 54.4 45.4 68.0

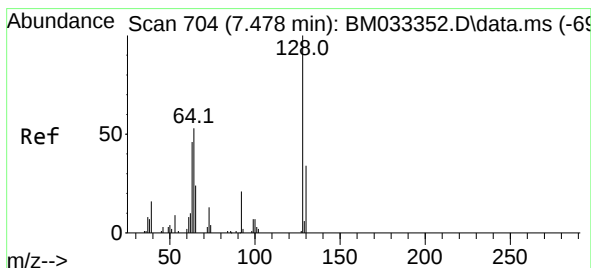
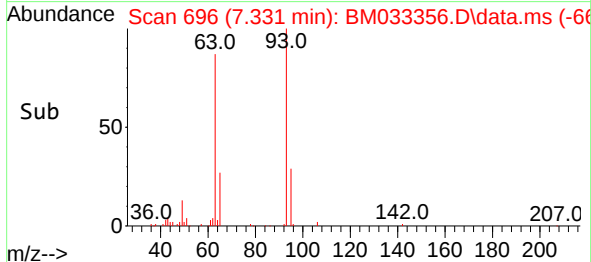
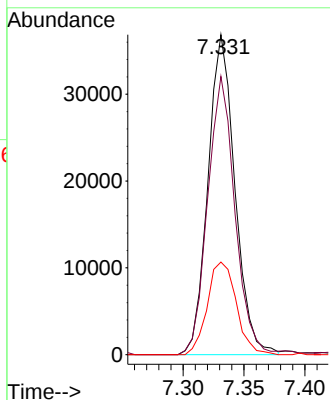
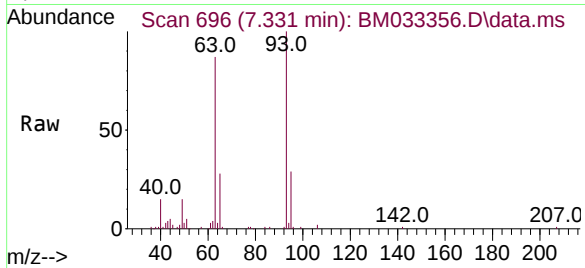




#10
Bis(2-Chloroethyl)ether
Concen: 18.157 ng/ul
RT: 7.331 min Scan# 696
Delta R.T. -0.006 min
Lab File: BM033356.D
Acq: 09 Dec 2021 13:48

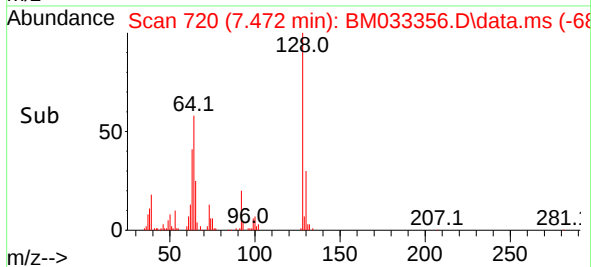
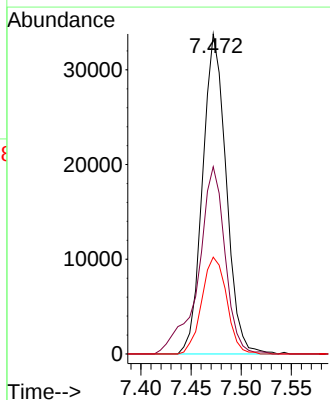
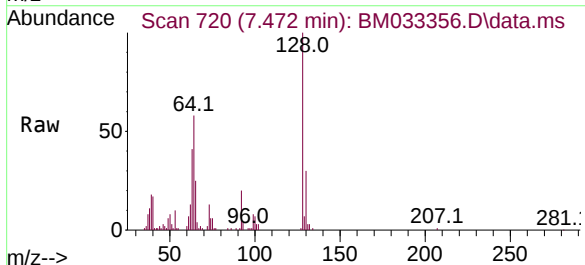
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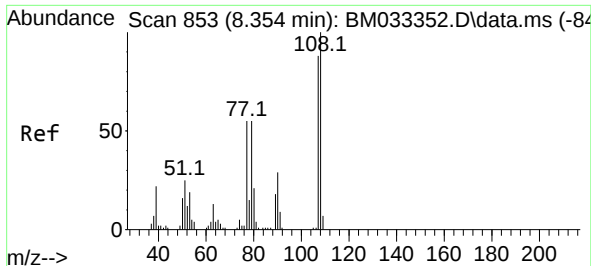
Tgt Ion: 93 Resp: 56821
Ion Ratio Lower Upper
93 100
63 87.0 71.7 107.5
95 29.0 26.3 39.5



#12
2-Chlorophenol
Concen: 18.923 ng/ul
RT: 7.472 min Scan# 720
Delta R.T. -0.006 min
Lab File: BM033356.D
Acq: 09 Dec 2021 13:48

Tgt Ion:128 Resp: 55328
Ion Ratio Lower Upper
128 100
64 58.5 49.4 74.2
130 30.2 26.8 40.2

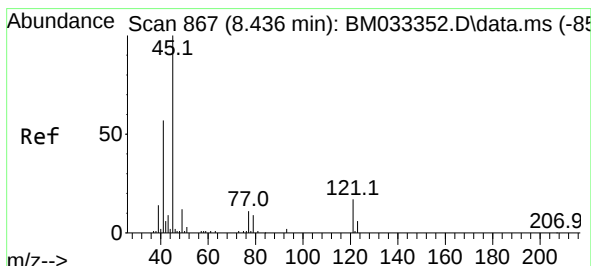
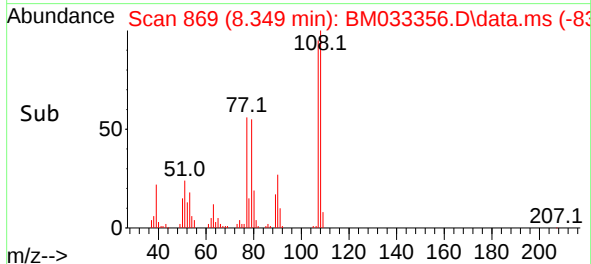
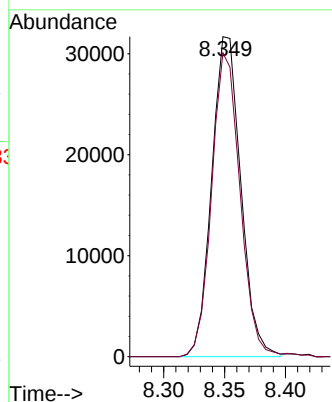
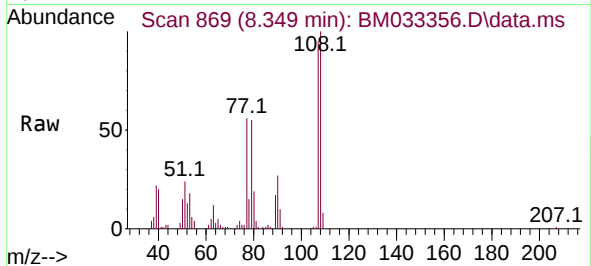




#13
2-Methylphenol
Concen: 17.494 ng/ul
RT: 8.349 min Scan# 801
Delta R.T. -0.006 min
Lab File: BM033356.D
Acq: 09 Dec 2021 13:48

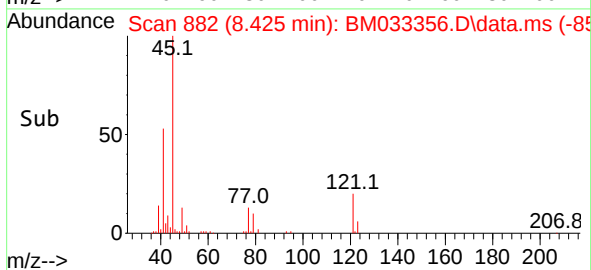
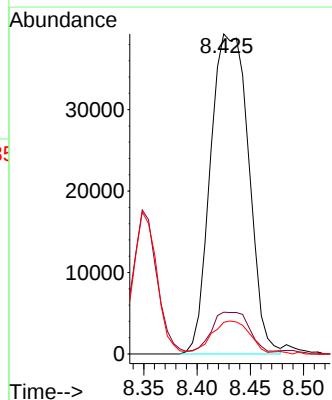
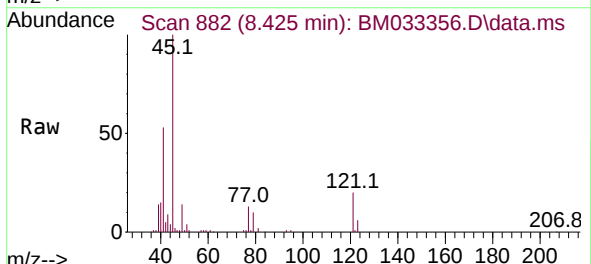
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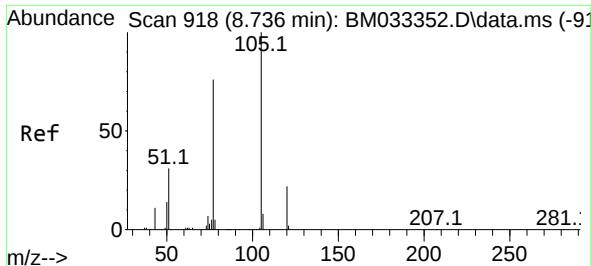
Tgt Ion:108 Resp: 52759
Ion Ratio Lower Upper
108 100
107 95.0 70.2 105.4



#14
2,2'-oxybis(1-Chloropropane)
Concen: 18.109 ng/ul
RT: 8.425 min Scan# 882
Delta R.T. -0.011 min
Lab File: BM033356.D
Acq: 09 Dec 2021 13:48

Tgt Ion: 45 Resp: 97783
Ion Ratio Lower Upper
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77 13.1 9.9 14.9
79 9.9 8.3 12.5

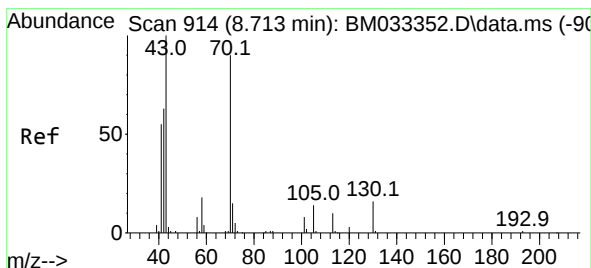
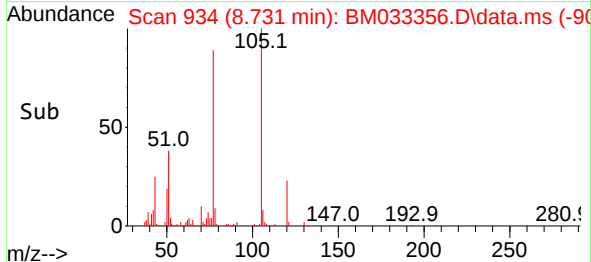
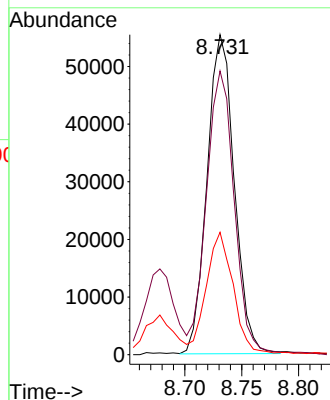
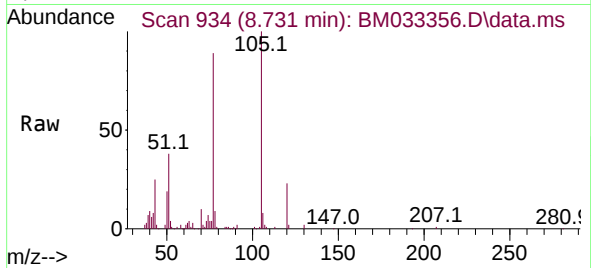




#16
Acetophenone
Concen: 17.640 ng/ul
RT: 8.731 min Scan# 918
Delta R.T. -0.006 min
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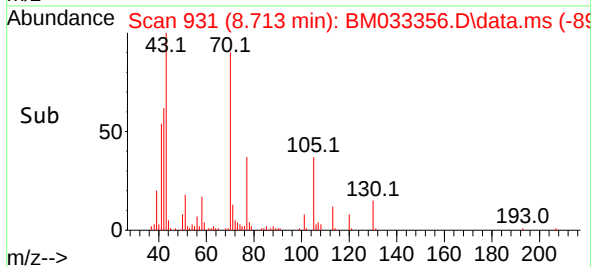
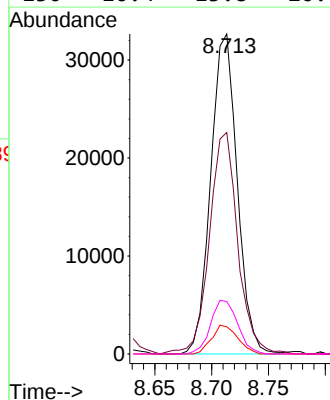
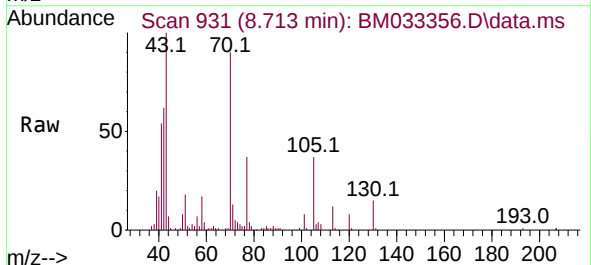
Instrument :
BNA_M
ClientSampleId :

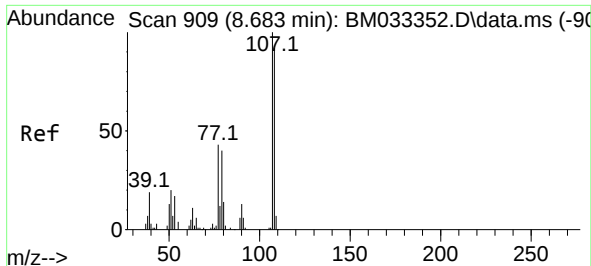
Tgt Ion:105 Resp: 92371
Ion Ratio Lower Upper
105 100
77 88.6 73.1 109.7
51 38.3 30.5 45.7



#17
N-Nitroso-di-n-propylamine
Concen: 18.563 ng/ul
RT: 8.713 min Scan# 931
Delta R.T. 0.000 min
Lab File: BM033356.D
Acq: 09 Dec 2021 13:48

Tgt Ion: 70 Resp: 53131
Ion Ratio Lower Upper
70 100
42 69.2 56.9 85.3
101 8.5 6.9 10.3
130 16.4 13.8 20.8





#18

4-Methylphenol

Concen: 17.565 ng/ul

RT: 8.678 min Scan# 91

Delta R.T. -0.006 min

Lab File: BM033356.D

Acq: 09 Dec 2021 13:48

Instrument :

BNA_M

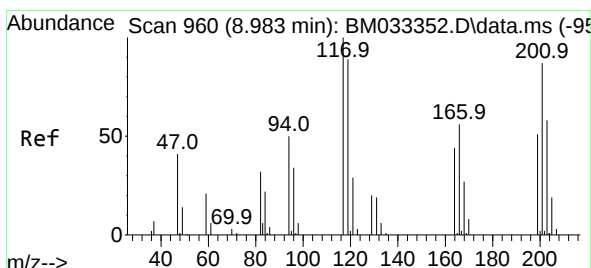
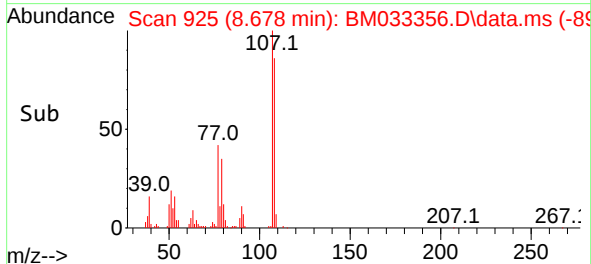
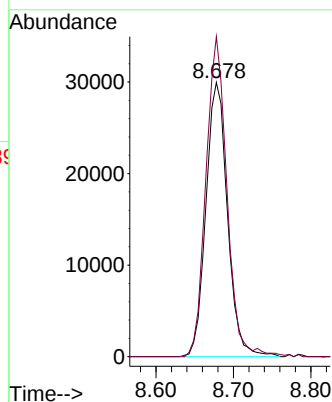
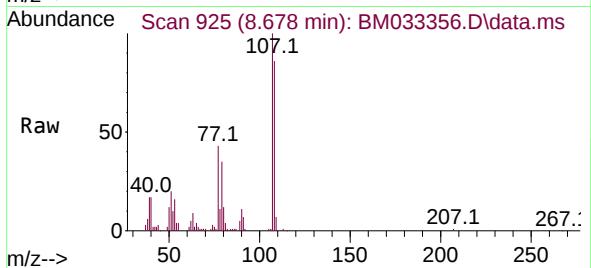
ClientSampleId :

Tgt Ion:108 Resp: 57959

Ion Ratio Lower Upper

108 100

107 116.7 87.4 131.2



#19

Hexachloroethane

Concen: 18.804 ng/ul

RT: 8.984 min Scan# 977

Delta R.T. 0.000 min

Lab File: BM033356.D

Acq: 09 Dec 2021 13:48

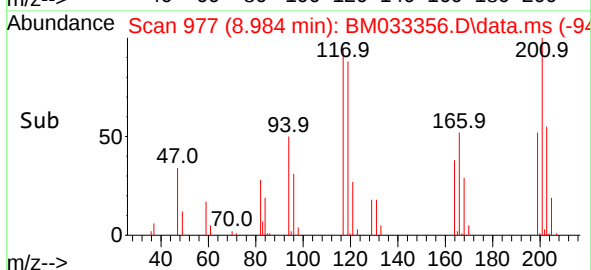
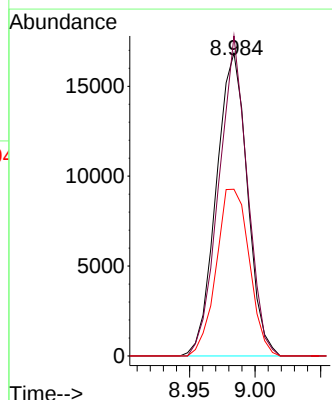
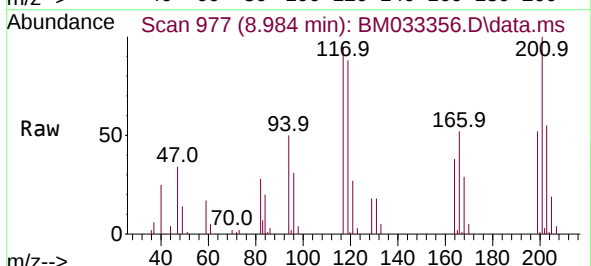
Tgt Ion:117 Resp: 27776

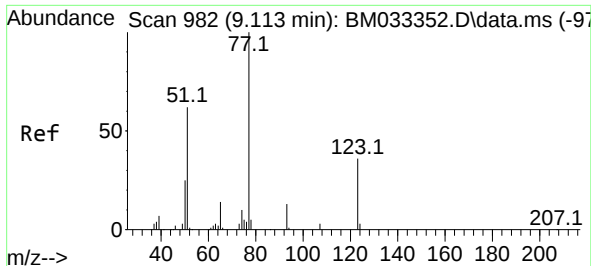
Ion Ratio Lower Upper

117 100

201 105.6 69.6 104.4#

199 55.0 40.6 60.8

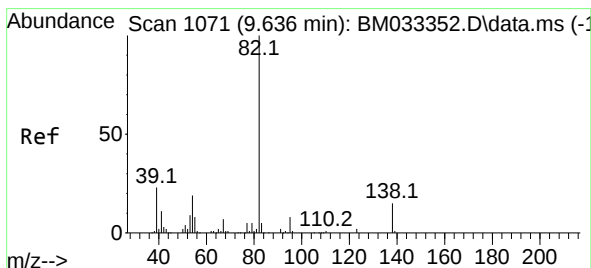
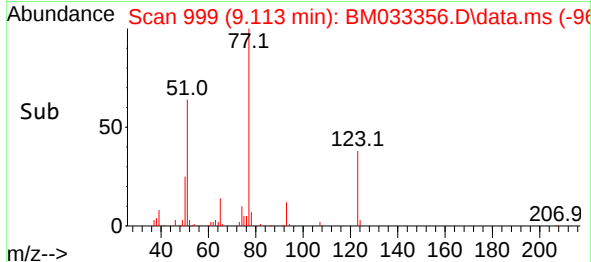
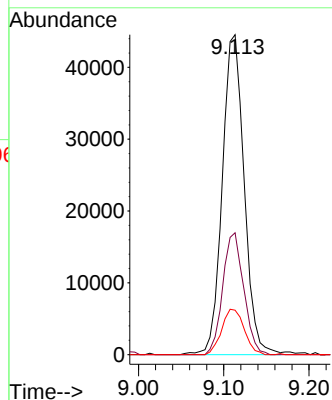
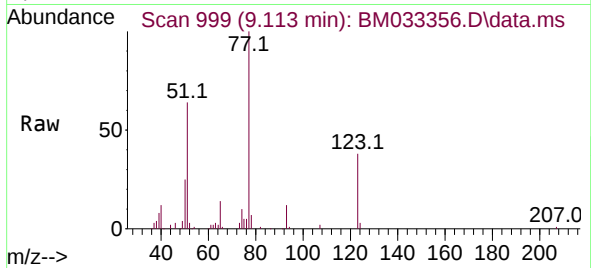




#22
Nitrobenzene
Concen: 18.475 ng/ul
RT: 9.113 min Scan# 91
Delta R.T. 0.000 min
Lab File: BM033356.D
Acq: 09 Dec 2021 13:48

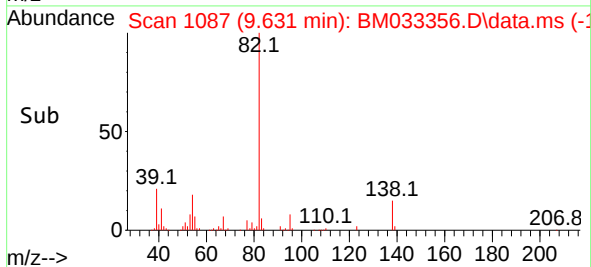
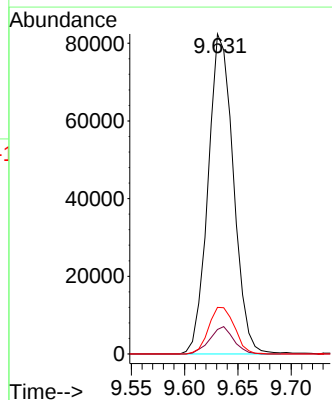
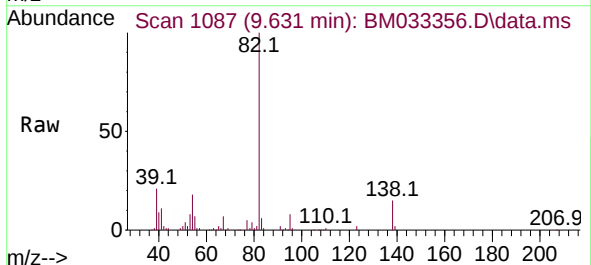
Instrument :
BNA_M
ClientSampleId :

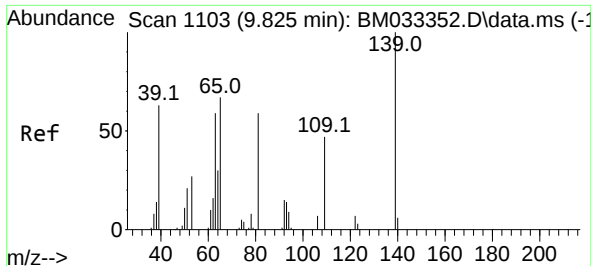
Tgt Ion: 77 Resp: 79454
Ion Ratio Lower Upper
77 100
123 38.1 29.0 43.6
65 13.9 11.4 17.2



#23
Isophorone
Concen: 18.512 ng/ul
RT: 9.631 min Scan# 1087
Delta R.T. -0.006 min
Lab File: BM033356.D
Acq: 09 Dec 2021 13:48

Tgt Ion: 82 Resp: 136327
Ion Ratio Lower Upper
82 100
95 7.6 6.5 9.7
138 14.5 11.8 17.8





#25

2-Nitrophenol

Concen: 18.945 ng/ul

RT: 9.819 min Scan# 1119

Delta R.T. -0.006 min

Lab File: BM033356.D

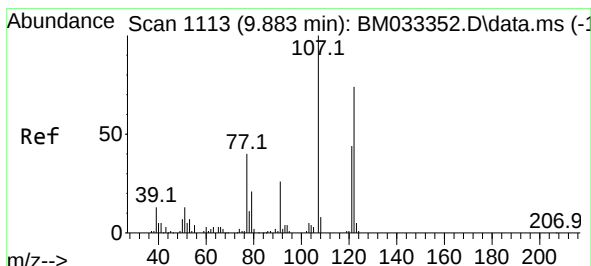
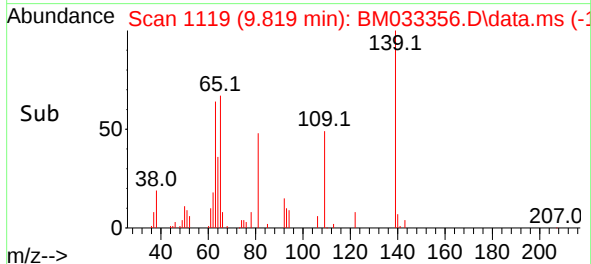
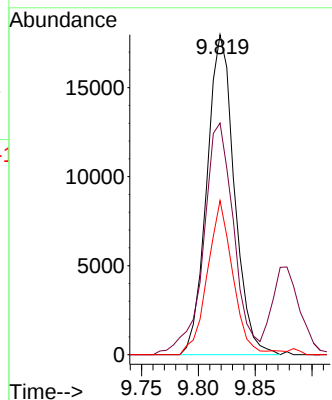
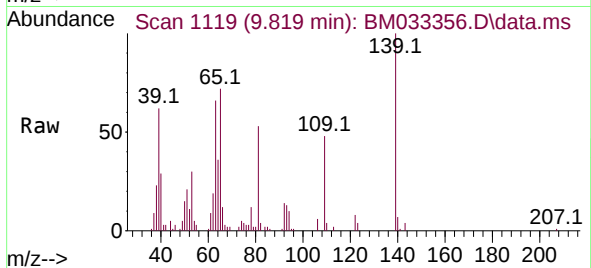
Acq: 09 Dec 2021 13:48

Instrument :

BNA_M

ClientSampleId :

Tgt Ion:139	Resp:	30269
Ion Ratio	Lower	Upper
139	100	
65	72.4	59.0 88.6
109	48.2	37.2 55.8



#26

2,4-Dimethylphenol

Concen: 18.557 ng/ul

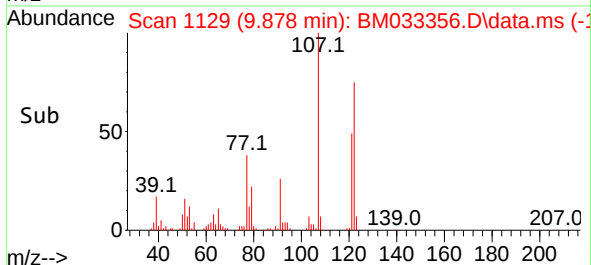
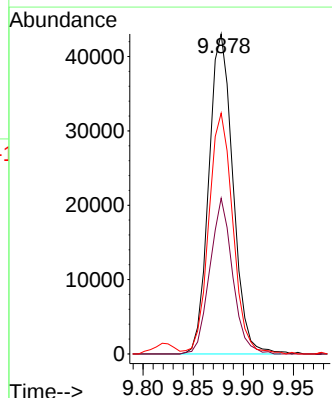
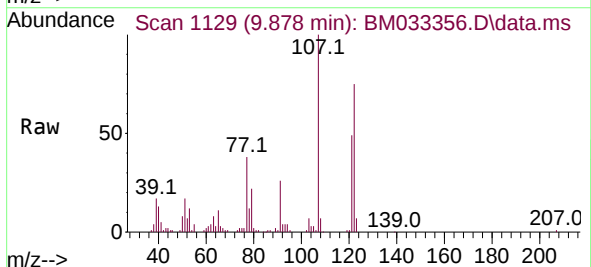
RT: 9.878 min Scan# 1129

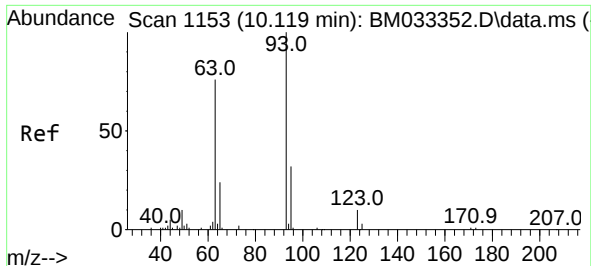
Delta R.T. -0.006 min

Lab File: BM033356.D

Acq: 09 Dec 2021 13:48

Tgt Ion:107	Resp:	71891
Ion Ratio	Lower	Upper
107	100	
121	48.7	34.8 52.2
122	75.3	60.0 90.0





#27

Bis(2-Chloroethoxy)methane

Concen: 18.641 ng/ul

RT: 10.113 min Scan# 1153

Delta R.T. -0.006 min

Lab File: BM033356.D

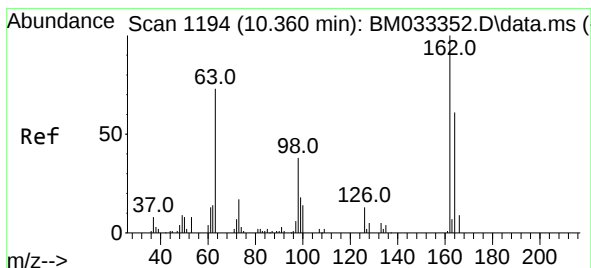
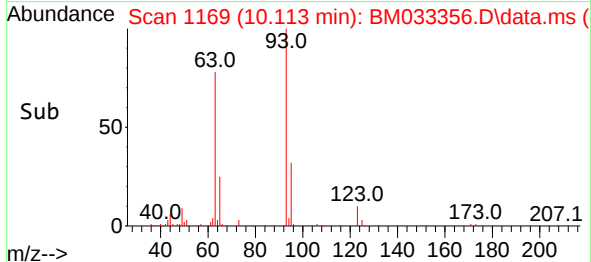
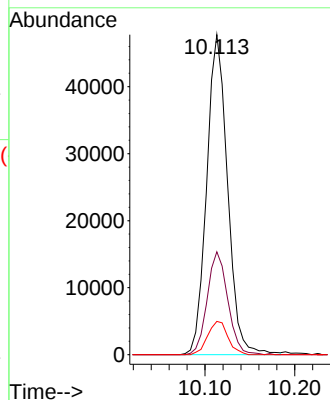
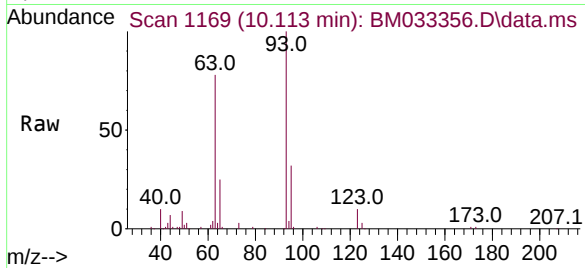
Acq: 09 Dec 2021 13:48

Instrument :

BNA_M

ClientSampleId :

Tgt Ion: 93	Resp: 77206
Ion Ratio	Lower Upper
93 100	
95 32.2	25.3 37.9
123 10.4	7.9 11.9



#29

2,4-Dichlorophenol

Concen: 19.165 ng/ul

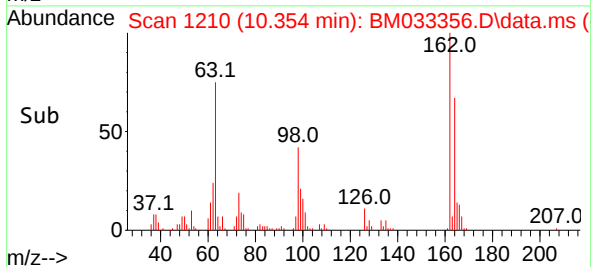
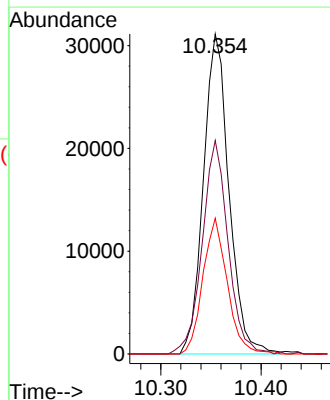
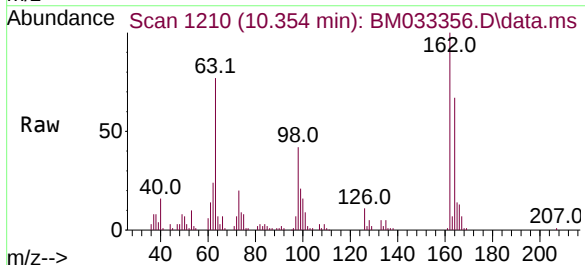
RT: 10.354 min Scan# 1210

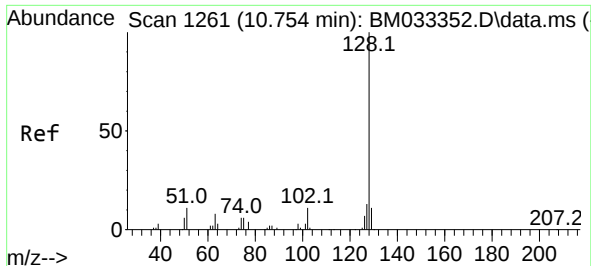
Delta R.T. -0.006 min

Lab File: BM033356.D

Acq: 09 Dec 2021 13:48

Tgt Ion: 162	Resp: 55255
Ion Ratio	Lower Upper
162 100	
164 66.7	50.0 75.0
98 42.4	30.6 45.8

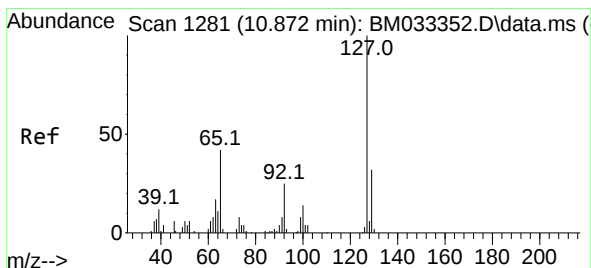
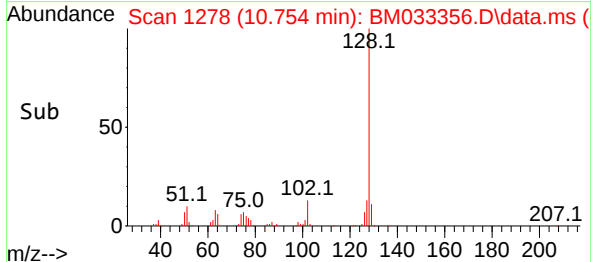
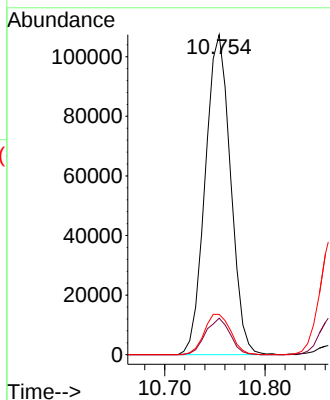
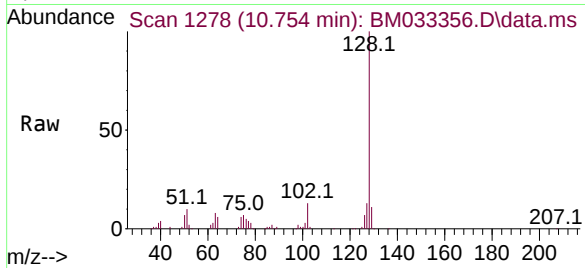




#30
Naphthalene
Concen: 18.683 ng/ul
RT: 10.754 min Scan# 1261
Delta R.T. 0.000 min
Lab File: BM033356.D
Acq: 09 Dec 2021 13:48

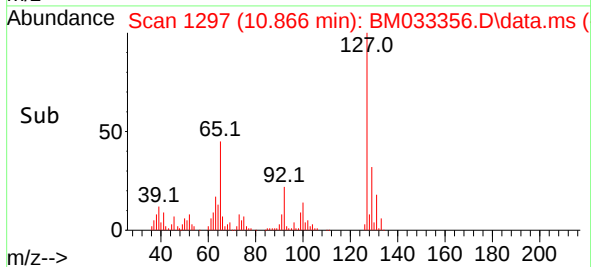
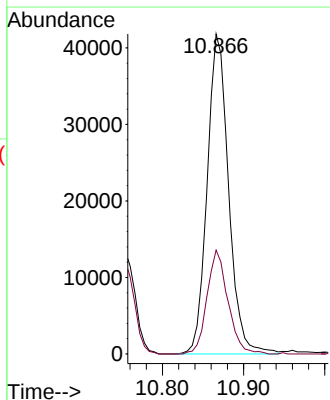
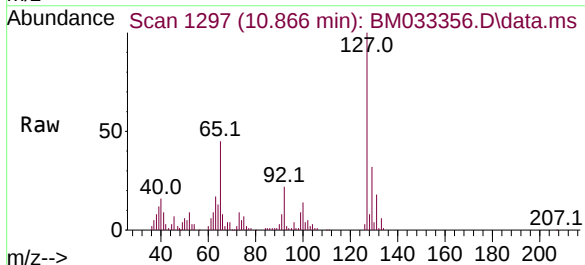
Instrument :
BNA_M
ClientSampleId :

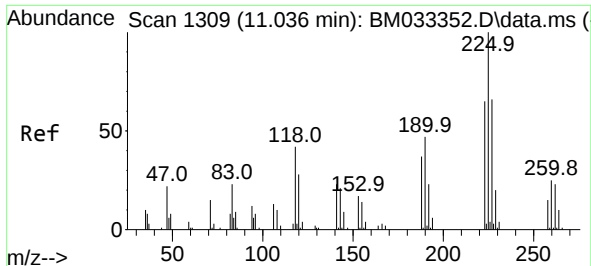
Tgt Ion:128 Resp: 188486
Ion Ratio Lower Upper
128 100
129 11.4 9.1 13.7
127 12.6 10.2 15.4



#32
4-Chloroaniline
Concen: 18.085 ng/ul
RT: 10.866 min Scan# 1297
Delta R.T. -0.006 min
Lab File: BM033356.D
Acq: 09 Dec 2021 13:48

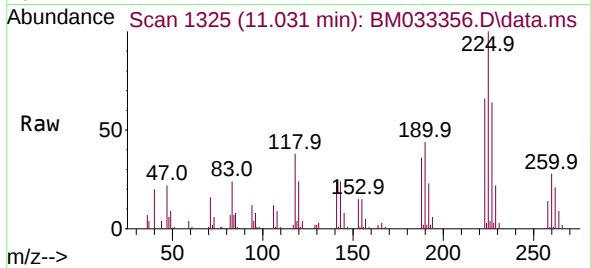
Tgt Ion:127 Resp: 76754
Ion Ratio Lower Upper
127 100
129 32.5 25.4 38.0



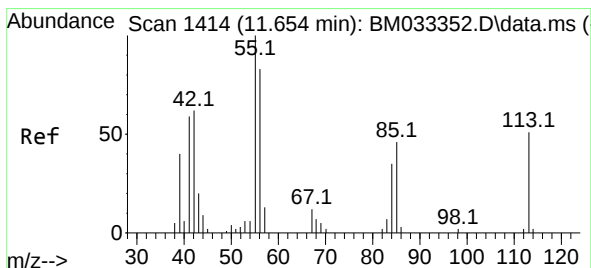
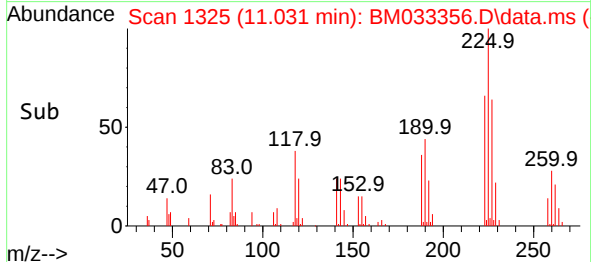
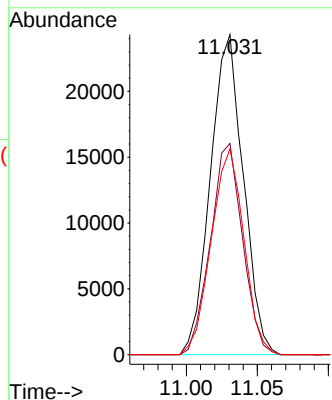


#33
Hexachlorobutadiene
Concen: 18.585 ng/ul
RT: 11.031 min Scan# 11
Delta R.T. -0.006 min
Lab File: BM033356.D
Acq: 09 Dec 2021 13:48

Instrument :
BNA_M
ClientSampleId :

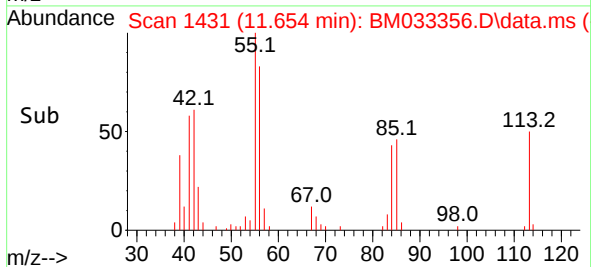
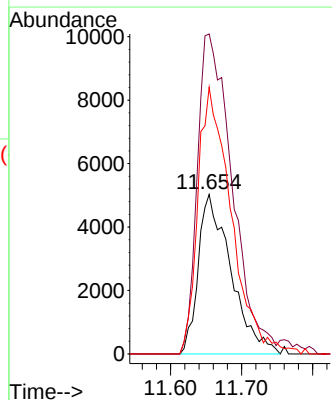
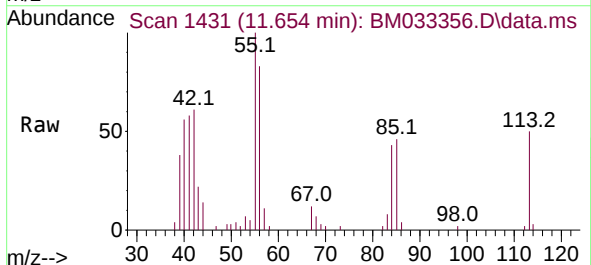


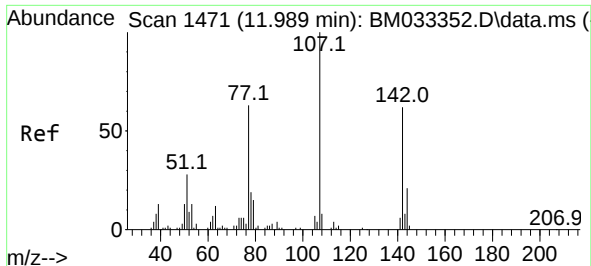
Tgt Ion:225 Resp: 39223
Ion Ratio Lower Upper
225 100
223 66.0 52.2 78.2
227 64.3 52.8 79.2



#34
Caprolactam
Concen: 16.543 ng/ul
RT: 11.654 min Scan# 1431
Delta R.T. 0.000 min
Lab File: BM033356.D
Acq: 09 Dec 2021 13:48

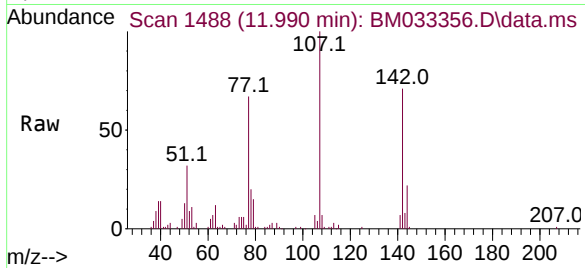
Tgt Ion:113 Resp: 16085
Ion Ratio Lower Upper
113 100
55 200.6 157.9 236.9
56 167.2 131.8 197.6



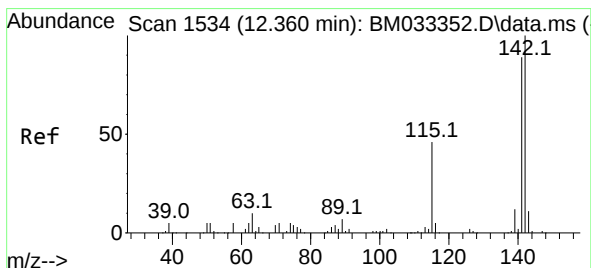
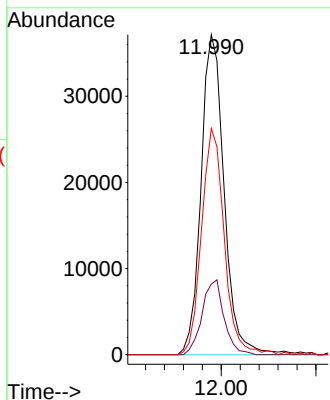
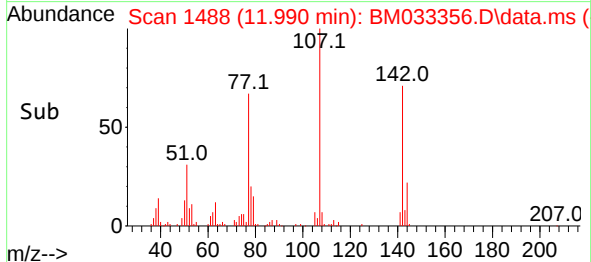


#35
 4-Chloro-3-methylphenol
 Concen: 18.521 ng/ul
 RT: 11.990 min Scan# 1471
 Delta R.T. 0.000 min
 Lab File: BM033356.D
 Acq: 09 Dec 2021 13:48

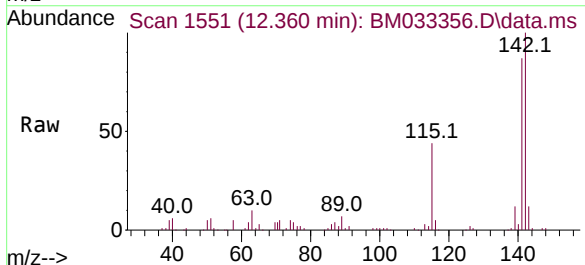
Instrument :
 BNA_M
 ClientSampleId :



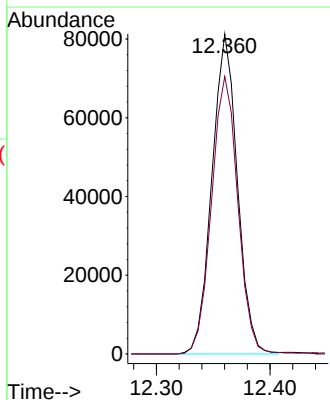
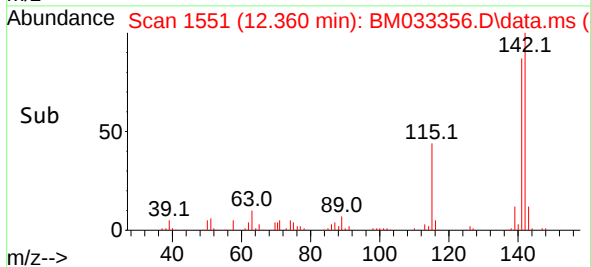
Tgt Ion:107 Resp: 62682
 Ion Ratio Lower Upper
 107 100
 144 22.0 17.1 25.7
 142 70.7 49.4 74.2

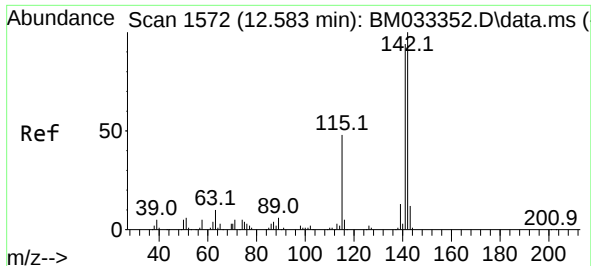


#36
 2-Methylnaphthalene
 Concen: 18.493 ng/ul
 RT: 12.360 min Scan# 1551
 Delta R.T. 0.000 min
 Lab File: BM033356.D
 Acq: 09 Dec 2021 13:48



Tgt Ion:142 Resp: 126524
 Ion Ratio Lower Upper
 142 100
 141 86.7 71.1 106.7





#37

1-Methylnaphthalene

Concen: 18.869 ng/ul

RT: 12.578 min Scan# 1

Delta R.T. -0.006 min

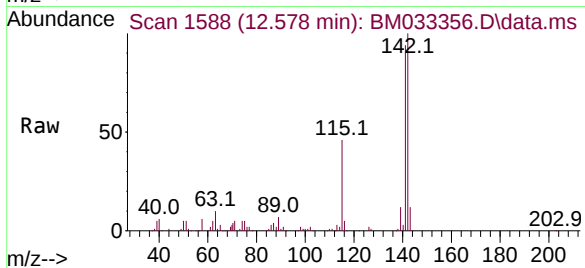
Lab File: BM033356.D

Acq: 09 Dec 2021 13:48

Instrument :

BNA_M

ClientSampleId :



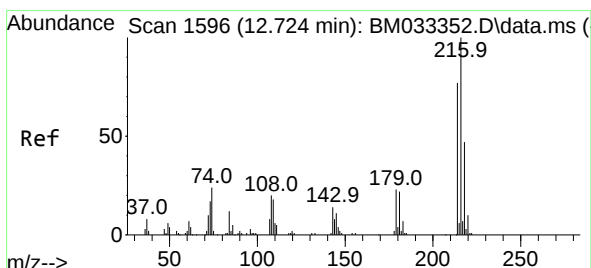
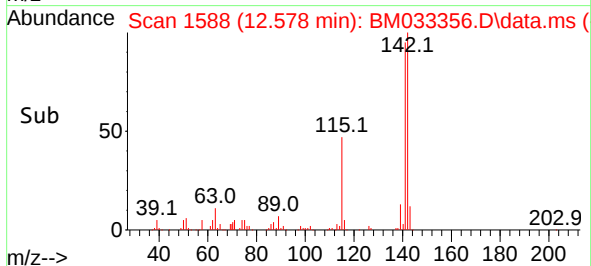
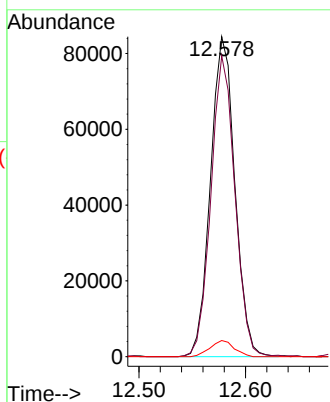
Tgt Ion:142 Resp: 134158

Ion Ratio Lower Upper

142 100

141 94.0 75.5 113.3

116 5.1 4.0 6.0



#39

1,2,4,5-Tetrachlorobenzene

Concen: 19.137 ng/ul

RT: 12.725 min Scan# 1613

Delta R.T. 0.000 min

Lab File: BM033356.D

Acq: 09 Dec 2021 13:48

Tgt Ion:216 Resp: 70201

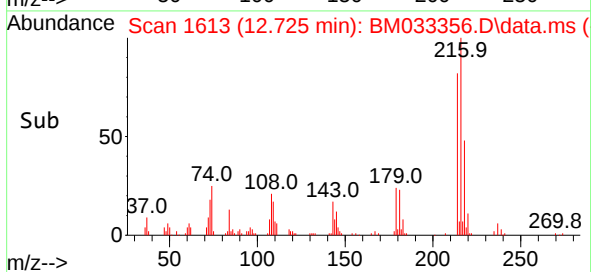
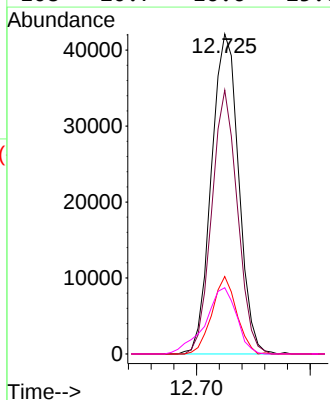
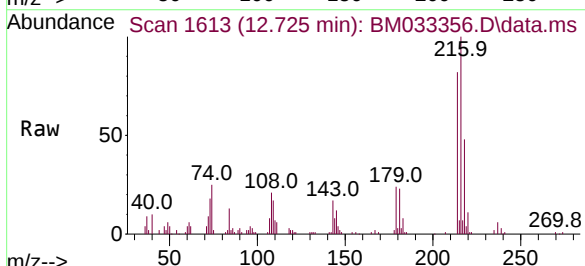
Ion Ratio Lower Upper

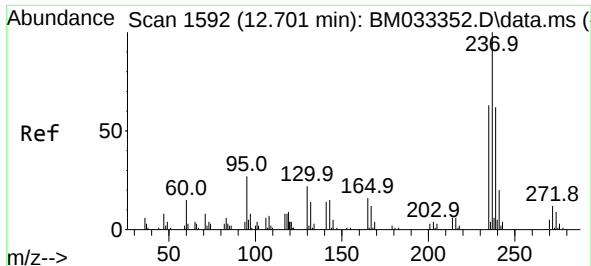
216 100

214 82.4 61.3 91.9

179 24.2 18.0 27.0

108 20.7 16.6 25.0

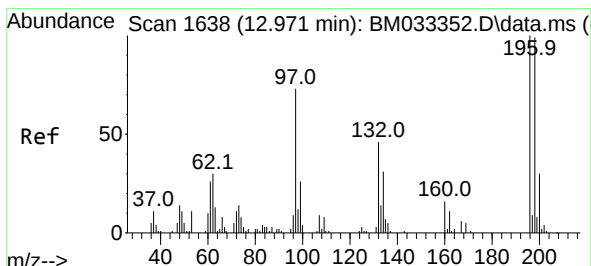
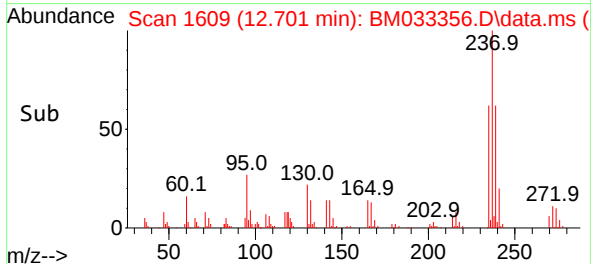
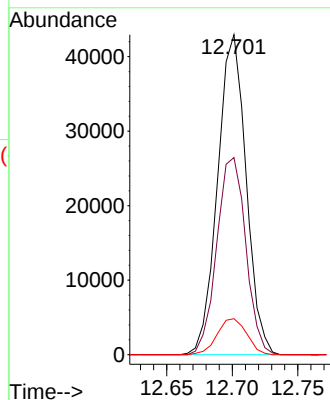
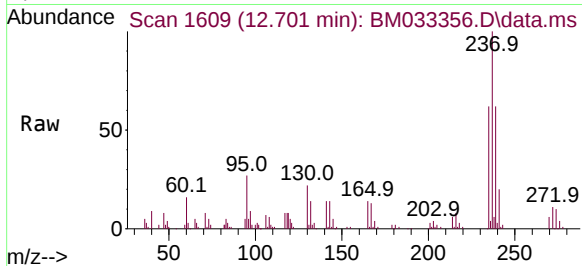




#40
Hexachlorocyclopentadiene
Concen: 27.098 ng/ul
RT: 12.701 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM033356.D
Acq: 09 Dec 2021 13:48

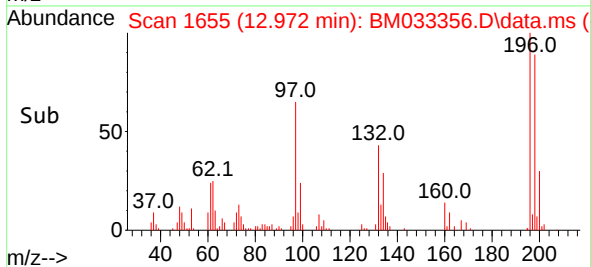
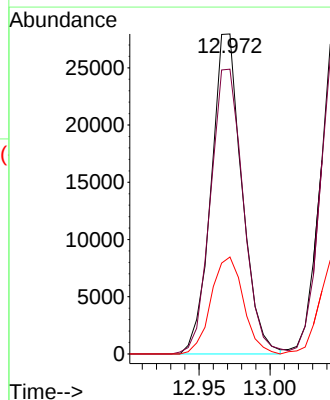
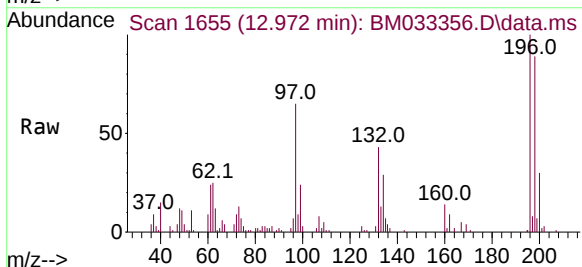
Instrument :
BNA_M
ClientSampleId :

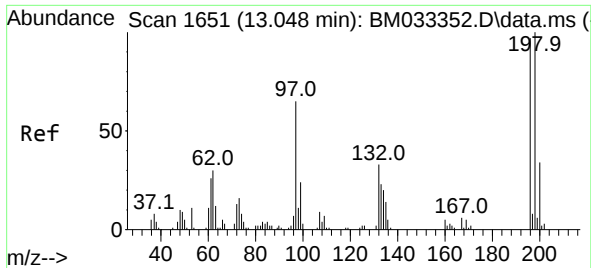
Tgt Ion:237 Resp: 64879
Ion Ratio Lower Upper
237 100
235 61.6 50.6 76.0
272 11.3 9.6 14.4



#41
2,4,6-Trichlorophenol
Concen: 19.560 ng/ul
RT: 12.972 min Scan# 1655
Delta R.T. 0.000 min
Lab File: BM033356.D
Acq: 09 Dec 2021 13:48

Tgt Ion:196 Resp: 42236
Ion Ratio Lower Upper
196 100
198 89.0 78.9 118.3
200 30.3 23.7 35.5

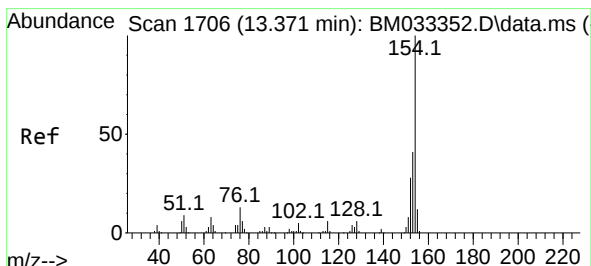
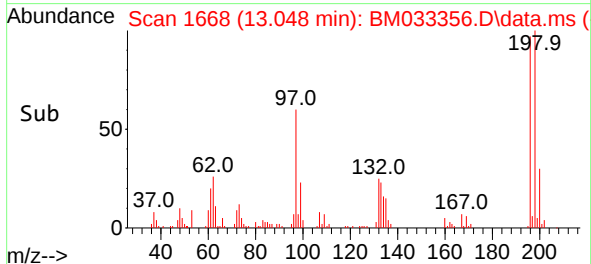
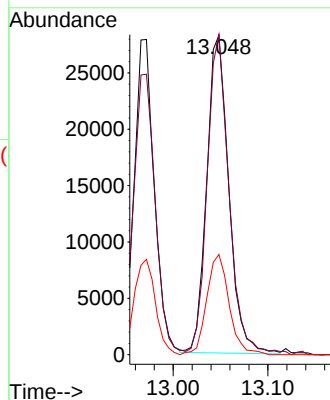
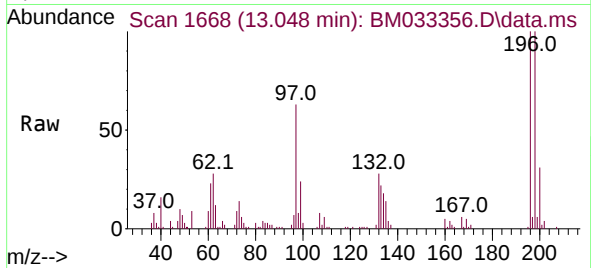




#42
2,4,5-Trichlorophenol
Concen: 19.497 ng/ul
RT: 13.048 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM033356.D
Acq: 09 Dec 2021 13:48

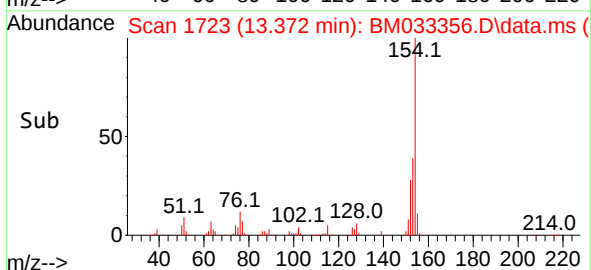
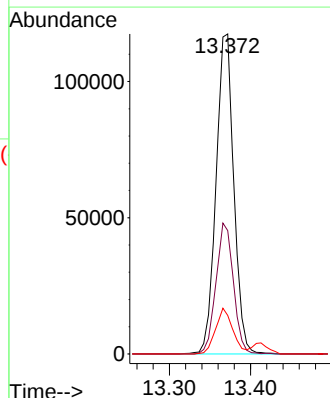
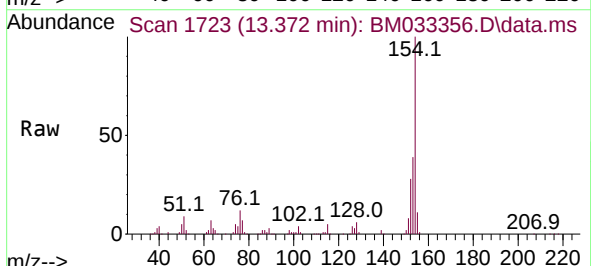
Instrument :
BNA_M
ClientSampleId :

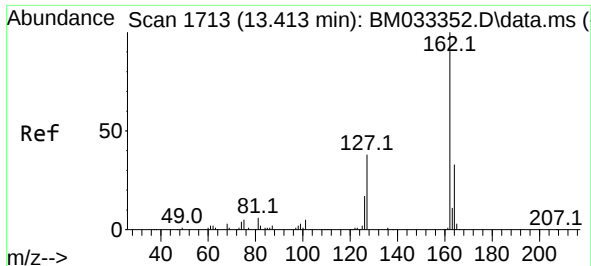
Tgt Ion:196 Resp: 45609
Ion Ratio Lower Upper
196 100
198 100.1 82.2 123.2
200 31.3 27.9 41.9



#43
1,1'-Biphenyl
Concen: 19.193 ng/ul
RT: 13.372 min Scan# 1723
Delta R.T. 0.000 min
Lab File: BM033356.D
Acq: 09 Dec 2021 13:48

Tgt Ion:154 Resp: 178774
Ion Ratio Lower Upper
154 100
153 38.6 33.1 49.7
76 12.1 10.7 16.1

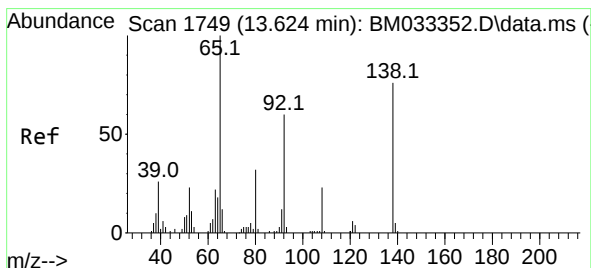
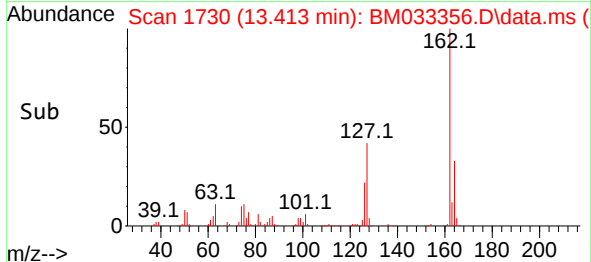
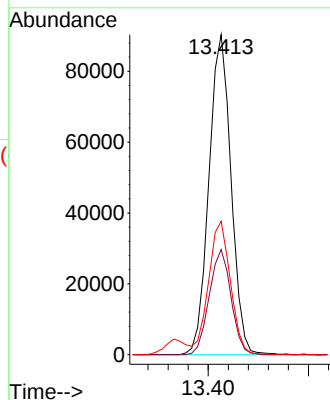
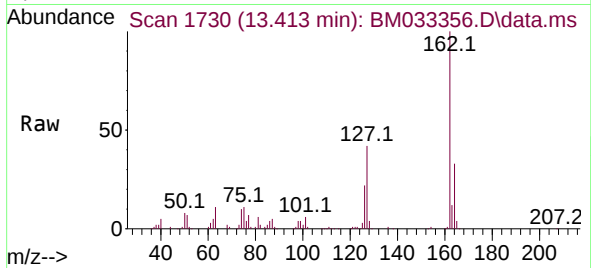




#44
2-Chloronaphthalene
Concen: 19.342 ng/ul
RT: 13.413 min Scan# 11
Delta R.T. 0.000 min
Lab File: BM033356.D
Acq: 09 Dec 2021 13:48

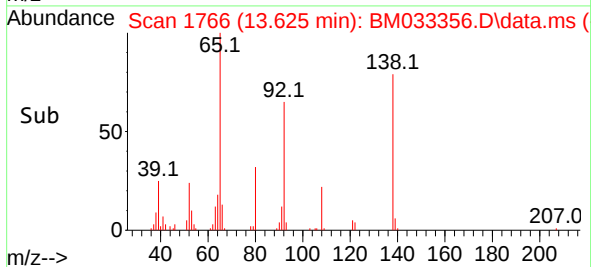
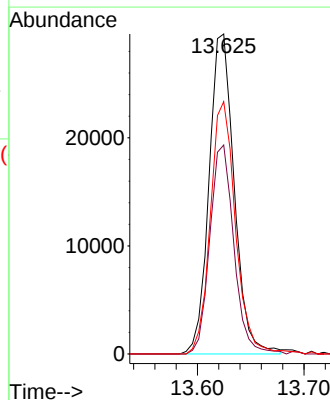
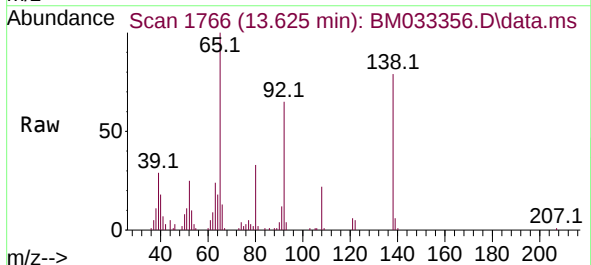
Instrument :
BNA_M
ClientSampleId :

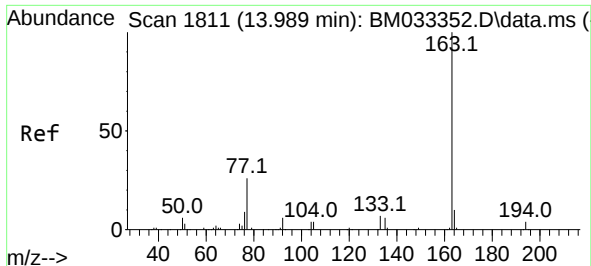
Tgt Ion:162 Resp: 138617
Ion Ratio Lower Upper
162 100
164 32.9 26.2 39.4
127 41.7 33.7 50.5



#45
2-Nitroaniline
Concen: 19.035 ng/ul
RT: 13.625 min Scan# 1766
Delta R.T. 0.000 min
Lab File: BM033356.D
Acq: 09 Dec 2021 13:48

Tgt Ion: 65 Resp: 48648
Ion Ratio Lower Upper
65 100
92 65.3 47.8 71.6
138 78.8 61.0 91.6

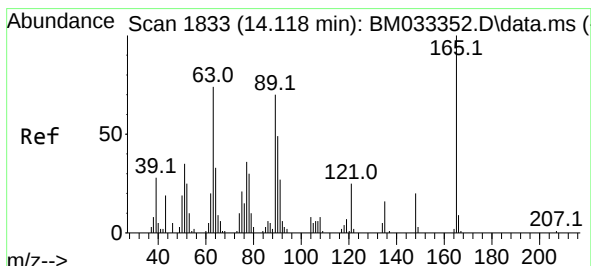
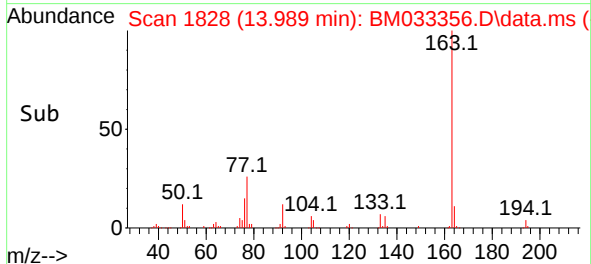
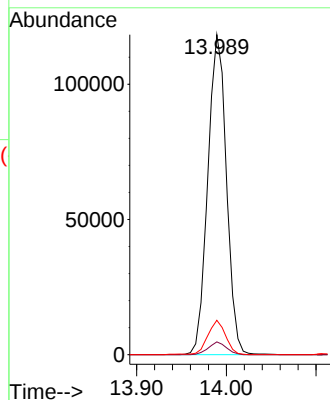
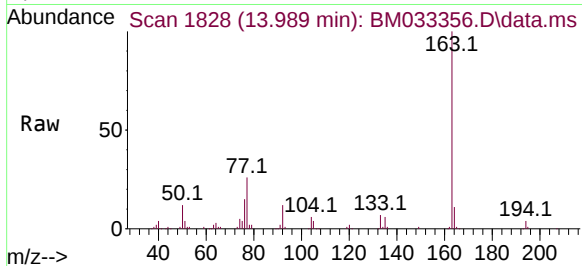




#47
Dimethylphthalate
Concen: 18.921 ng/ul
RT: 13.989 min Scan# 1811
Delta R.T. 0.000 min
Lab File: BM033356.D
Acq: 09 Dec 2021 13:48

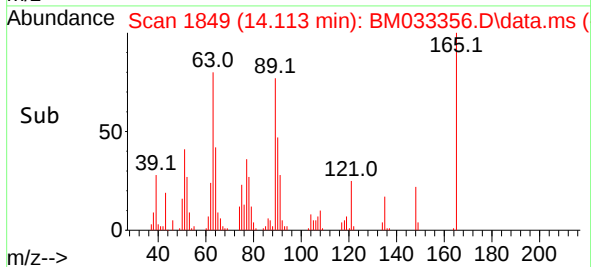
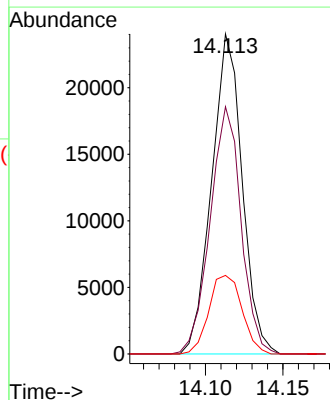
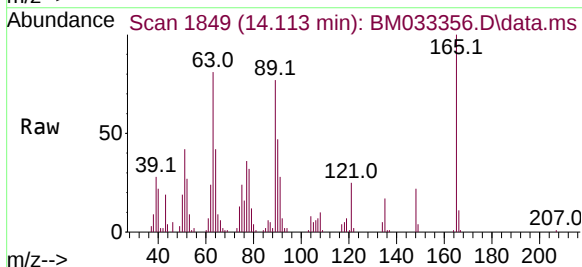
Instrument :
BNA_M
ClientSampleId :

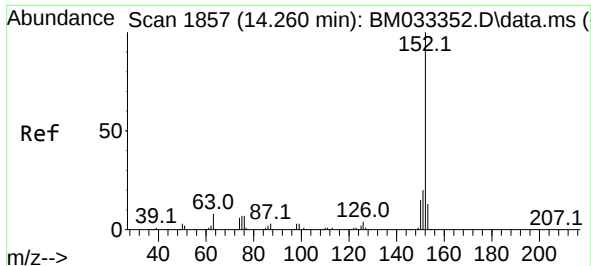
Tgt Ion:163 Resp: 170912
Ion Ratio Lower Upper
163 100
194 4.0 3.3 4.9
164 10.8 8.2 12.2



#48
2,6-Dinitrotoluene
Concen: 18.868 ng/ul
RT: 14.113 min Scan# 1849
Delta R.T. -0.006 min
Lab File: BM033356.D
Acq: 09 Dec 2021 13:48

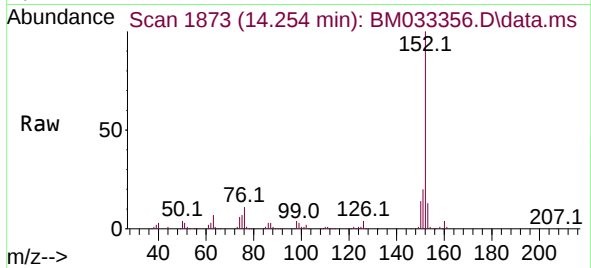
Tgt Ion:165 Resp: 32944
Ion Ratio Lower Upper
165 100
89 77.2 55.7 83.5
121 24.5 20.0 30.0



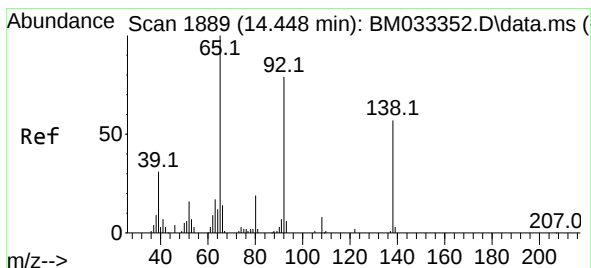
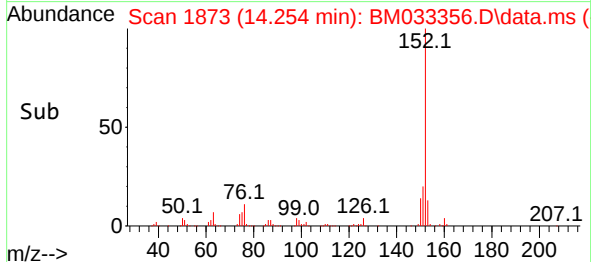
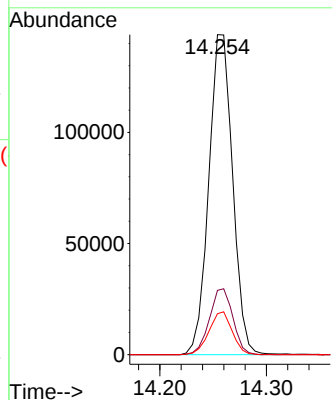


#50
Acenaphthylene
Concen: 19.069 ng/ul
RT: 14.254 min Scan# 11
Delta R.T. -0.006 min
Lab File: BM033356.D
Acq: 09 Dec 2021 13:48

Instrument :
BNA_M
ClientSampleId :

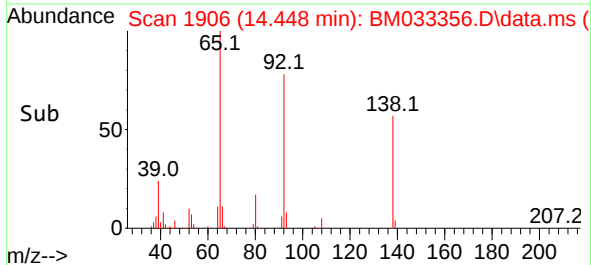
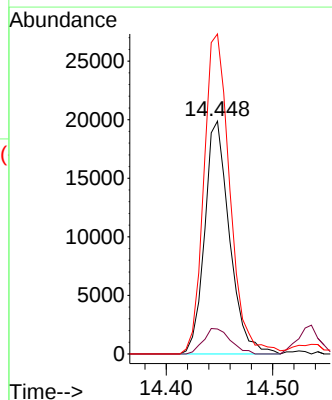
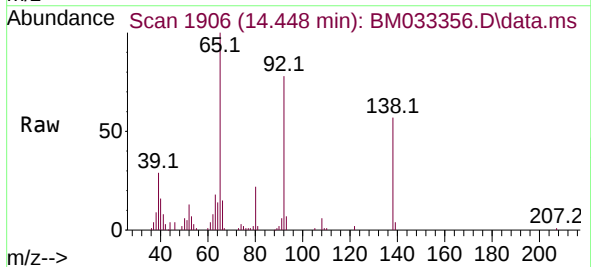


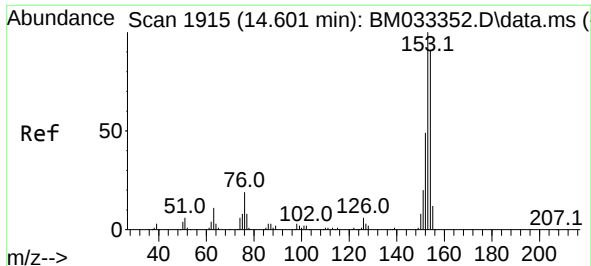
Tgt Ion:152 Resp: 223902
Ion Ratio Lower Upper
152 100
151 20.1 15.8 23.8
153 12.8 10.1 15.1



#51
3-Nitroaniline
Concen: 18.762 ng/ul
RT: 14.448 min Scan# 1906
Delta R.T. 0.000 min
Lab File: BM033356.D
Acq: 09 Dec 2021 13:48

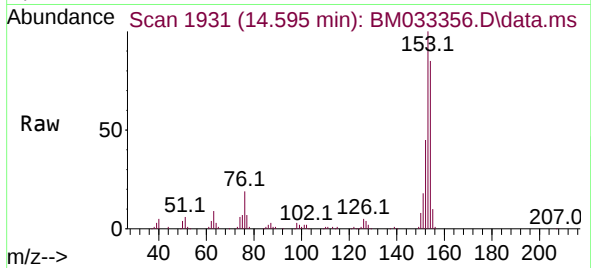
Tgt Ion:138 Resp: 32246
Ion Ratio Lower Upper
138 100
108 10.7 10.8 16.2#
92 137.5 110.6 166.0



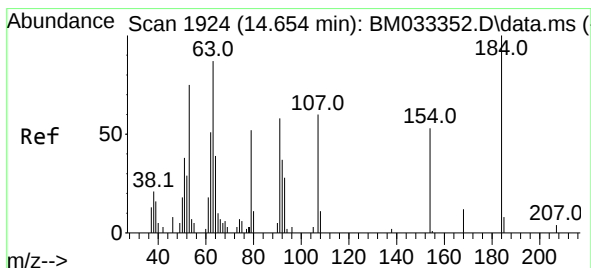
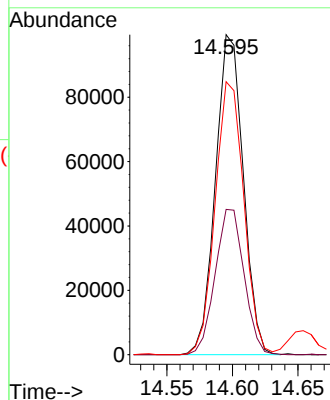
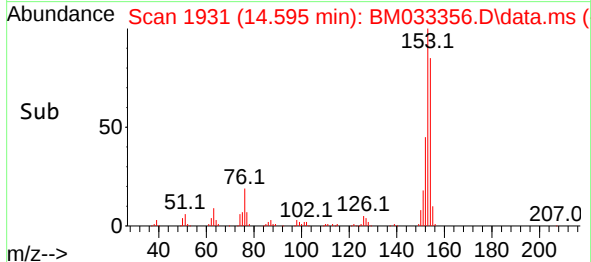


#52
Acenaphthene
Concen: 18.839 ng/ul
RT: 14.595 min Scan# 1915
Delta R.T. -0.006 min
Lab File: BM033356.D
Acq: 09 Dec 2021 13:48

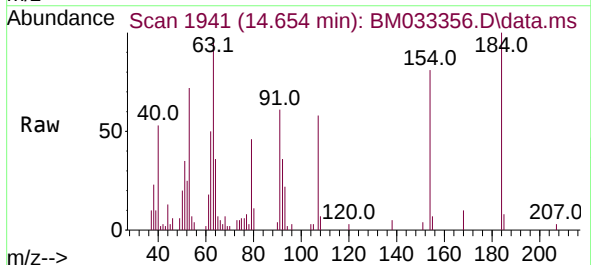
Instrument :
BNA_M
ClientSampleId :



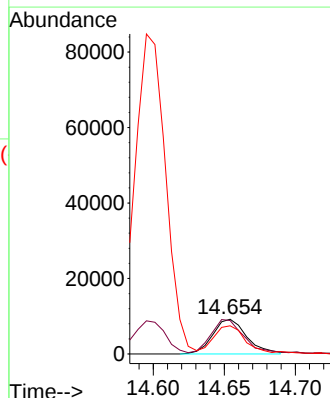
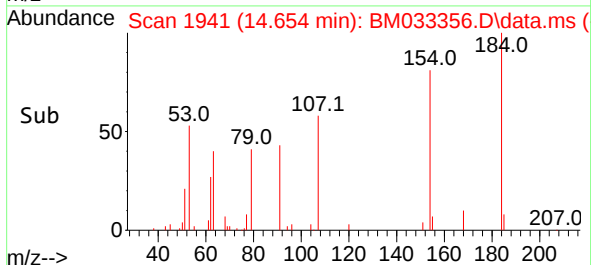
Tgt Ion:153 Resp: 146807
Ion Ratio Lower Upper
153 100
152 45.4 39.4 59.2
154 85.3 72.7 109.1

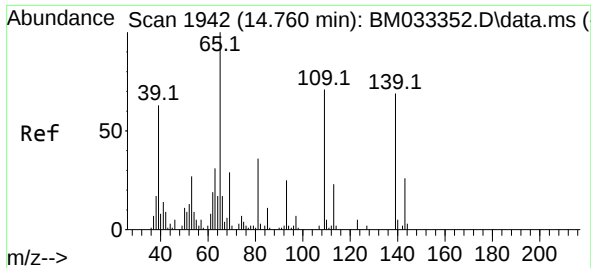


#53
2,4-Dinitrophenol
Concen: 14.899 ng/ul
RT: 14.654 min Scan# 1941
Delta R.T. 0.000 min
Lab File: BM033356.D
Acq: 09 Dec 2021 13:48



Tgt Ion:184 Resp: 15288
Ion Ratio Lower Upper
184 100
63 96.5 73.8 110.8
154 81.5 63.5 95.3

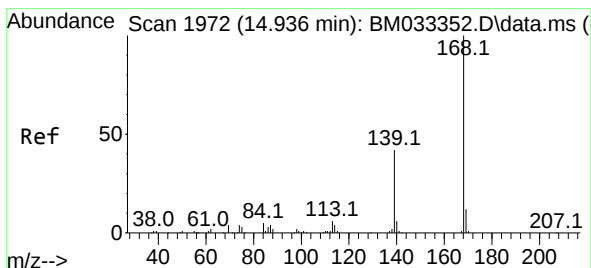
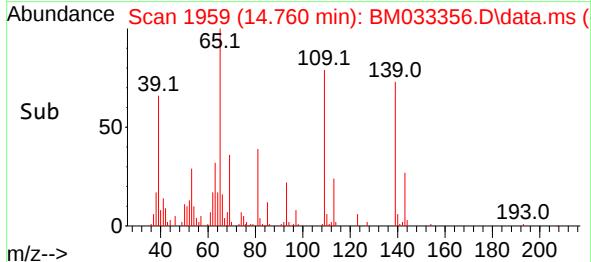
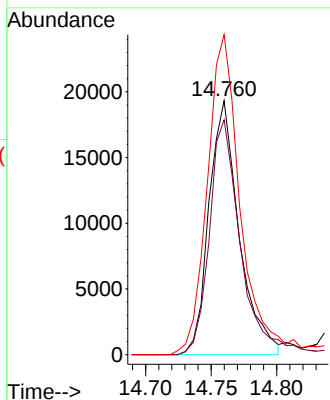
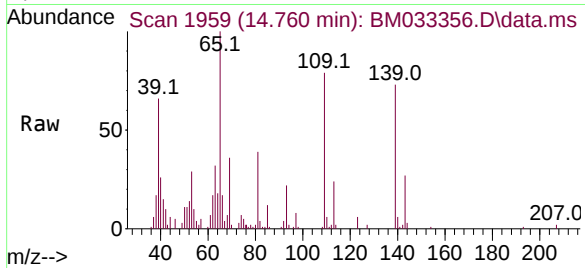




#55
4-Nitrophenol
Concen: 17.373 ng/ul
RT: 14.760 min Scan# 1942
Delta R.T. 0.000 min
Lab File: BM033356.D
Acq: 09 Dec 2021 13:48

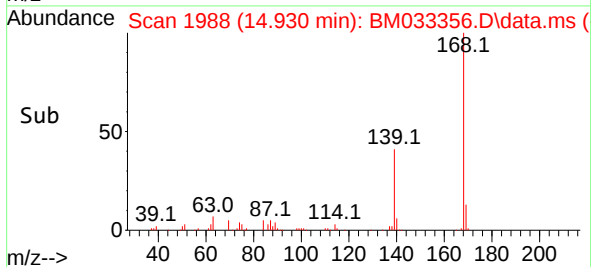
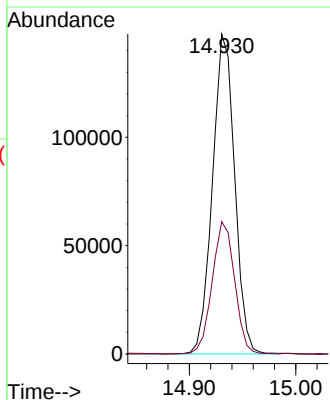
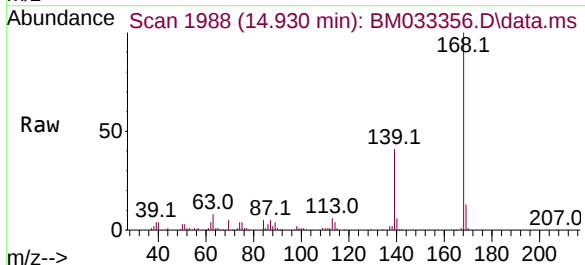
Instrument :
BNA_M
ClientSampleId :

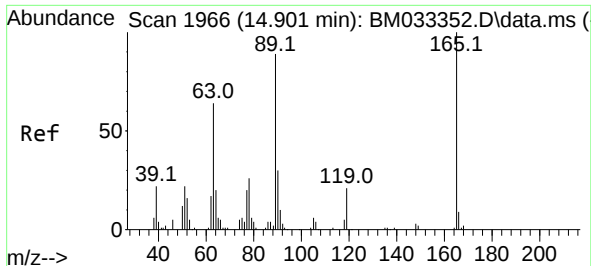
Tgt Ion:109 Resp: 31016
Ion Ratio Lower Upper
109 100
139 92.5 77.6 116.4
65 126.0 112.2 168.4



#56
Dibenzofuran
Concen: 18.877 ng/ul
RT: 14.930 min Scan# 1988
Delta R.T. -0.006 min
Lab File: BM033356.D
Acq: 09 Dec 2021 13:48

Tgt Ion:168 Resp: 213328
Ion Ratio Lower Upper
168 100
139 41.3 34.0 51.0

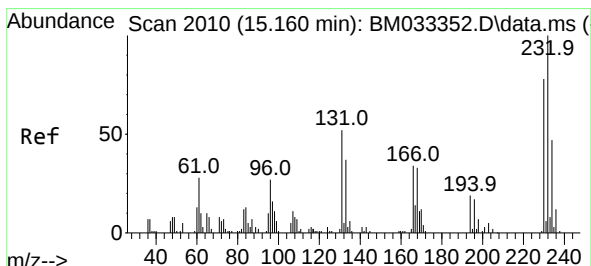
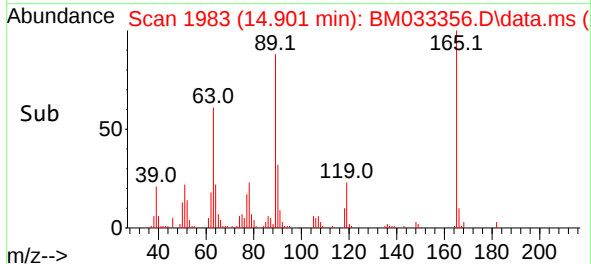
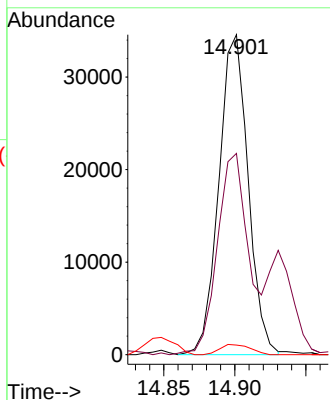
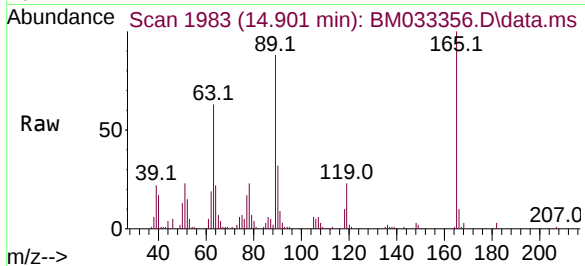




#57
2,4-Dinitrotoluene
Concen: 19.284 ng/ul
RT: 14.901 min Scan# 1966
Delta R.T. 0.000 min
Lab File: BM033356.D
Acq: 09 Dec 2021 13:48

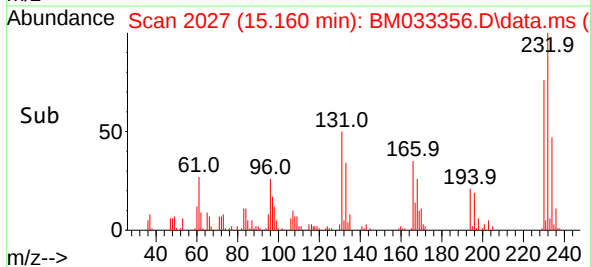
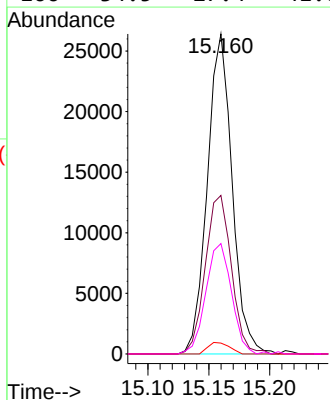
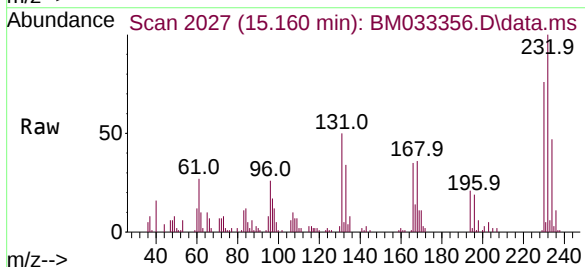
Instrument :
BNA_M
ClientSampleId :

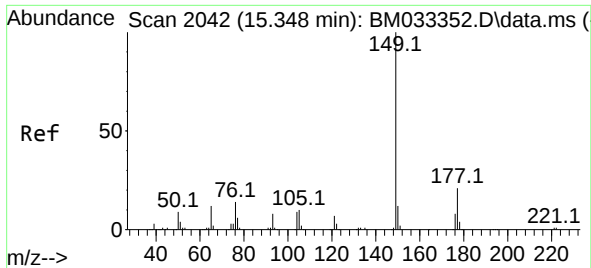
Tgt Ion	Ratio	Lower	Upper
165	100		
63	62.9	51.8	77.8
182	3.0	2.6	4.0



#58
2,3,4,6-Tetrachlorophenol
Concen: 18.859 ng/ul
RT: 15.160 min Scan# 2027
Delta R.T. 0.000 min
Lab File: BM033356.D
Acq: 09 Dec 2021 13:48

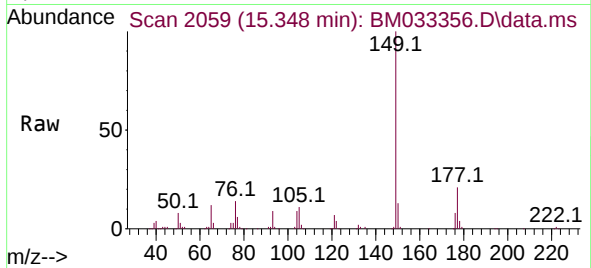
Tgt Ion	Ratio	Lower	Upper
232	100		
131	49.5	41.4	62.2
130	3.4	2.0	3.0#
166	34.5	27.4	41.0



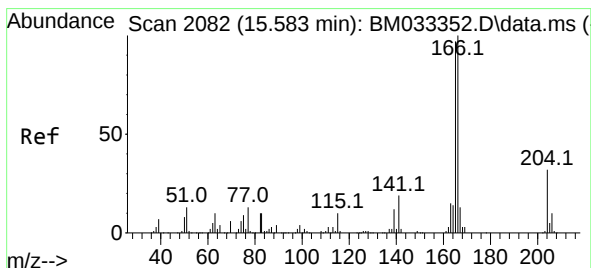
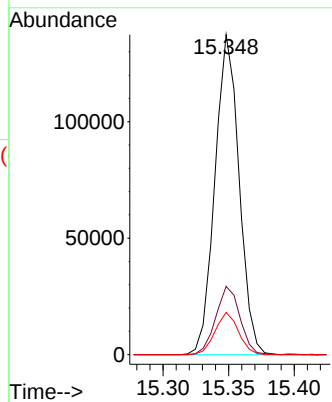
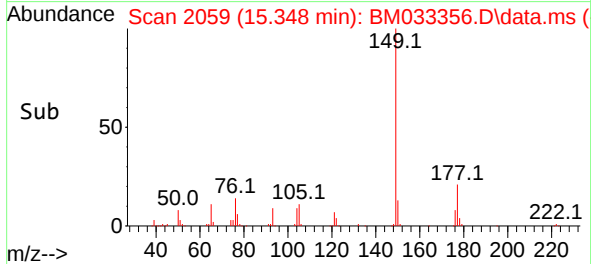


#59
Diethylphthalate
Concen: 18.762 ng/ul
RT: 15.348 min Scan# 2042
Delta R.T. 0.000 min
Lab File: BM033356.D
Acq: 09 Dec 2021 13:48

Instrument :
BNA_M
ClientSampleId :

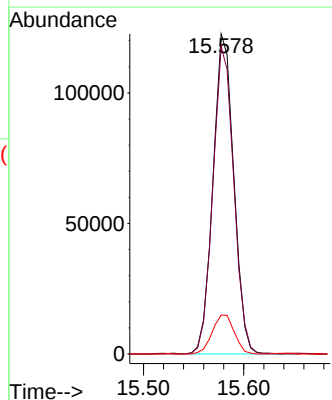
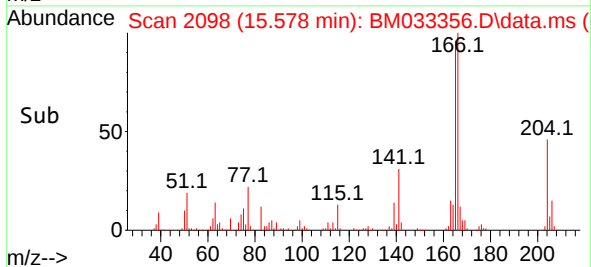
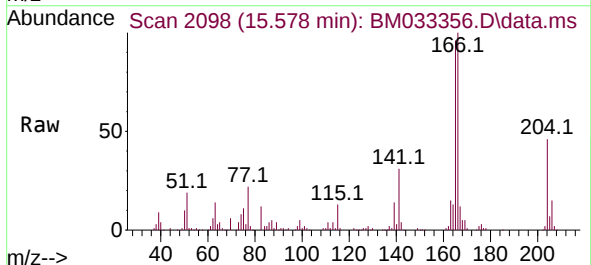


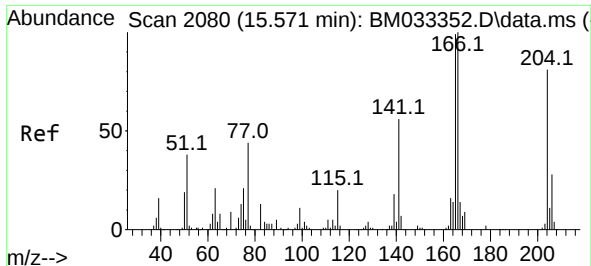
Tgt Ion:149 Resp: 175887
Ion Ratio Lower Upper
149 100
177 21.4 17.1 25.7
150 13.2 9.9 14.9



#61
Fluorene
Concen: 19.004 ng/ul
RT: 15.578 min Scan# 2098
Delta R.T. -0.006 min
Lab File: BM033356.D
Acq: 09 Dec 2021 13:48

Tgt Ion:166 Resp: 176583
Ion Ratio Lower Upper
166 100
165 96.1 77.9 116.9
167 12.2 10.3 15.5





#62

4-Chlorophenyl-phenylether

Concen: 18.992 ng/ul

RT: 15.572 min Scan# 2103

Delta R.T. 0.000 min

Lab File: BM033356.D

Acq: 09 Dec 2021 13:48

Instrument :

BNA_M

ClientSampleId :

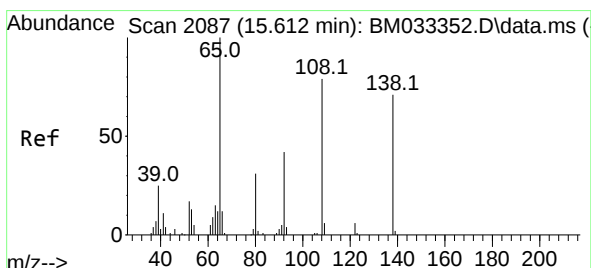
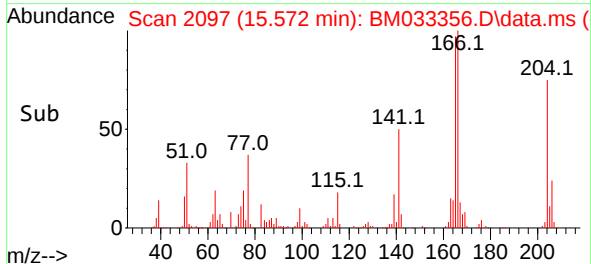
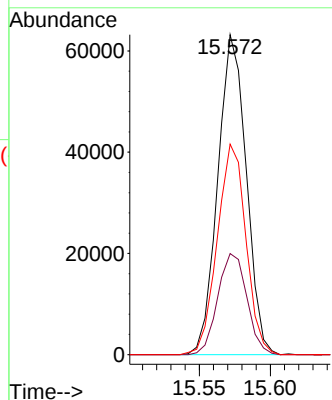
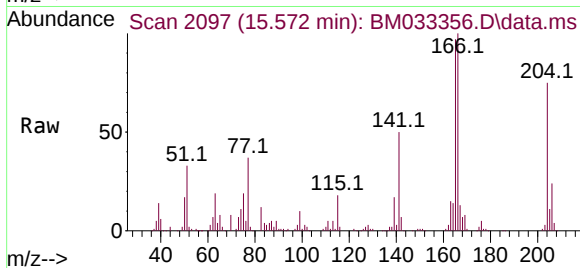
Tgt Ion:204 Resp: 88027

Ion Ratio Lower Upper

204 100

206 31.6 27.8 41.8

141 65.8 54.9 82.3



#63

4-Nitroaniline

Concen: 19.878 ng/ul

RT: 15.607 min Scan# 2103

Delta R.T. -0.006 min

Lab File: BM033356.D

Acq: 09 Dec 2021 13:48

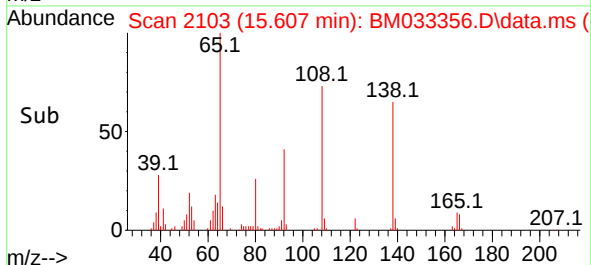
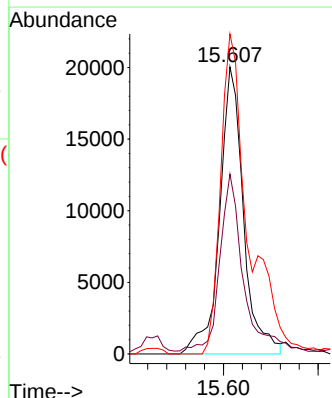
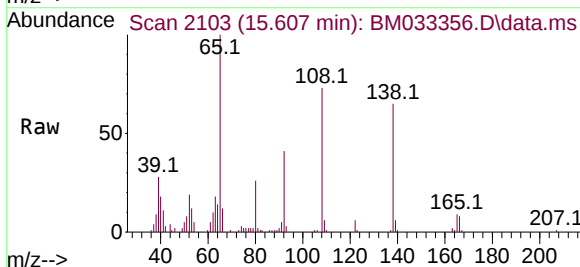
Tgt Ion:138 Resp: 35084

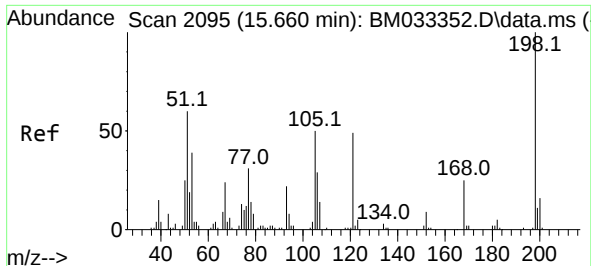
Ion Ratio Lower Upper

138 100

92 62.6 48.0 72.0

108 111.5 89.5 134.3

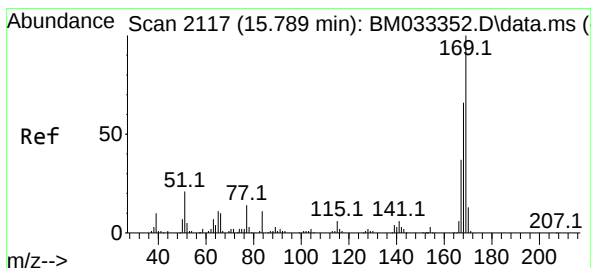
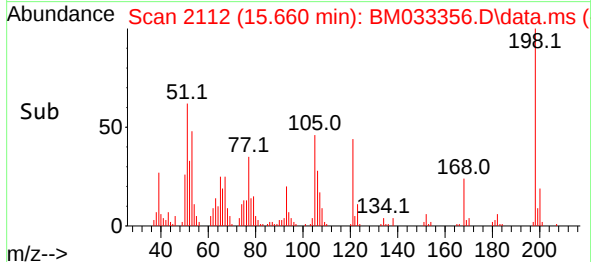
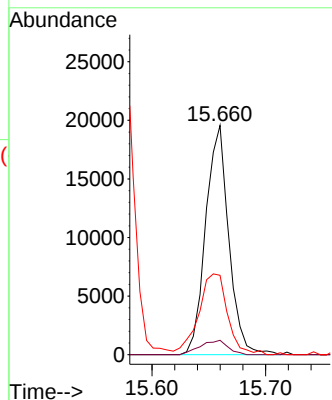
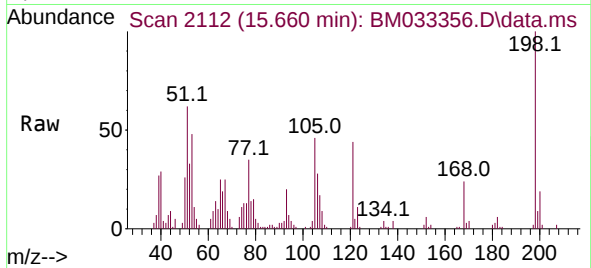




#66
4,6-Dinitro-2-methylphenol
Concen: 17.356 ng/ul
RT: 15.660 min Scan# 2112
Delta R.T. 0.000 min
Lab File: BM033356.D
Acq: 09 Dec 2021 13:48

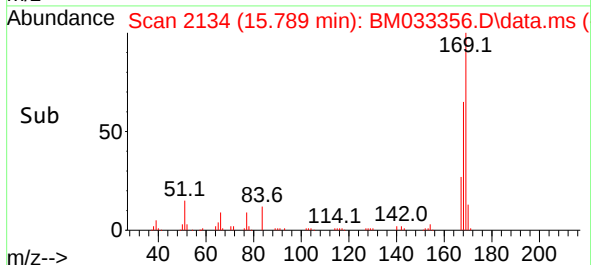
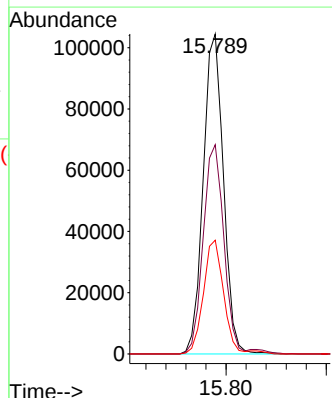
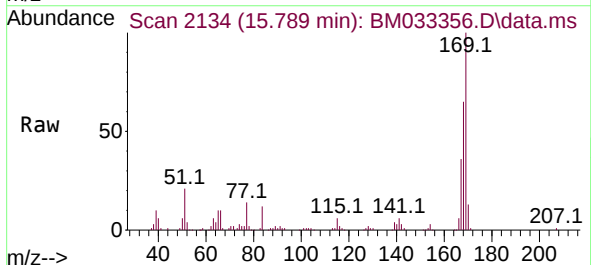
Instrument :
BNA_M
ClientSampleId :

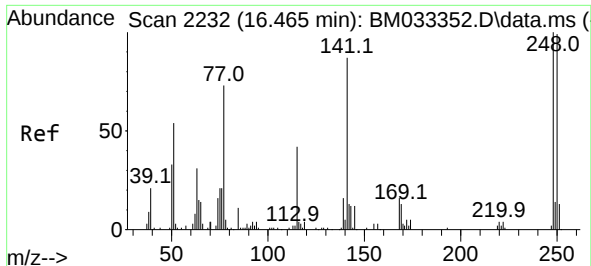
Tgt Ion:198 Resp: 27670
Ion Ratio Lower Upper
198 100
182 6.3 4.2 6.2#
77 34.6 26.3 39.5



#67
N-Nitrosodiphenylamine
Concen: 18.816 ng/ul
RT: 15.789 min Scan# 2134
Delta R.T. 0.000 min
Lab File: BM033356.D
Acq: 09 Dec 2021 13:48

Tgt Ion:169 Resp: 146706
Ion Ratio Lower Upper
169 100
168 65.4 52.9 79.3
167 35.6 29.9 44.9

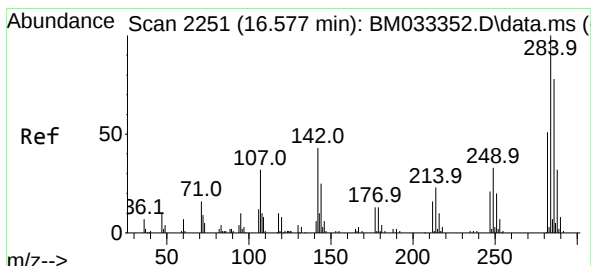
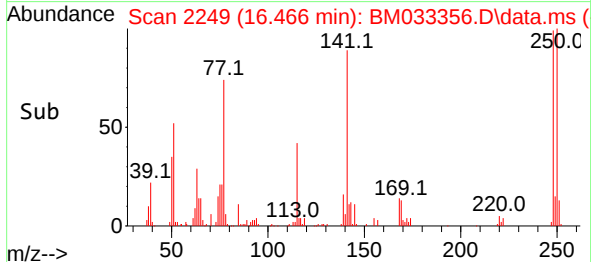
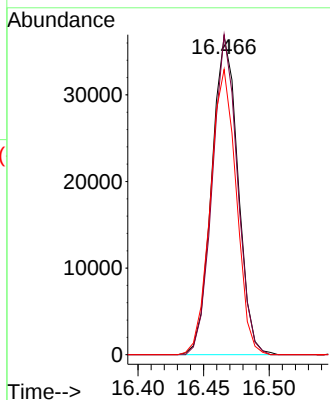
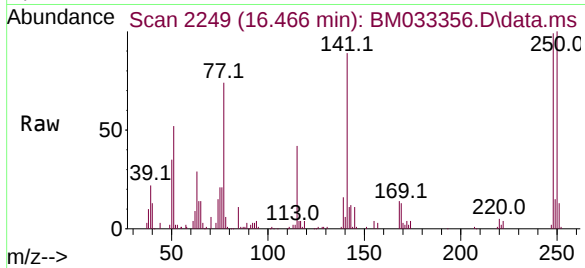




#68
 4-Bromophenyl-phenylether
 Concen: 19.106 ng/ul
 RT: 16.466 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BM033356.D
 Acq: 09 Dec 2021 13:48

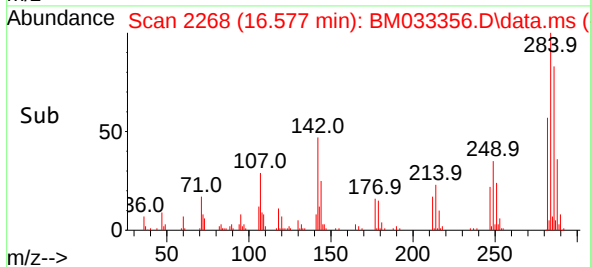
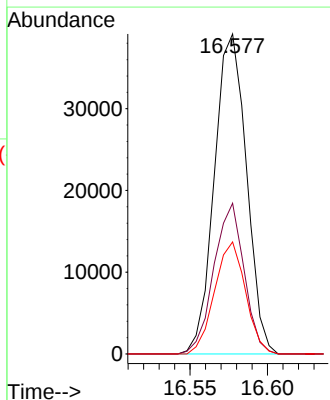
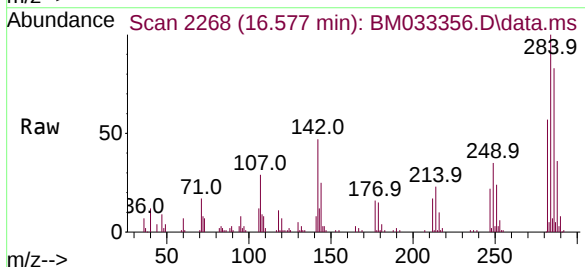
Instrument :
 BNA_M
 ClientSampleId :

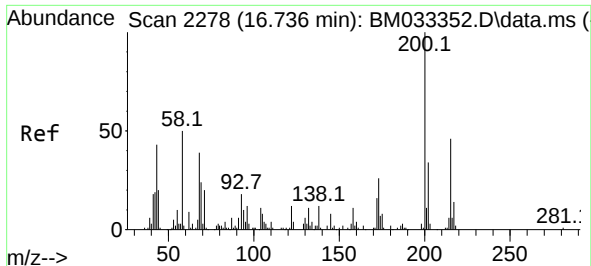
Tgt Ion:248 Resp: 51031
 Ion Ratio Lower Upper
 248 100
 250 100.6 79.0 118.4
 141 89.7 69.7 104.5



#69
 Hexachlorobenzene
 Concen: 18.332 ng/ul
 RT: 16.577 min Scan# 2268
 Delta R.T. 0.000 min
 Lab File: BM033356.D
 Acq: 09 Dec 2021 13:48

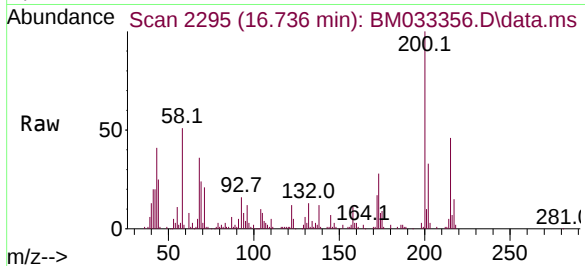
Tgt Ion:284 Resp: 56413
 Ion Ratio Lower Upper
 284 100
 142 47.1 34.3 51.5
 249 35.0 26.1 39.1



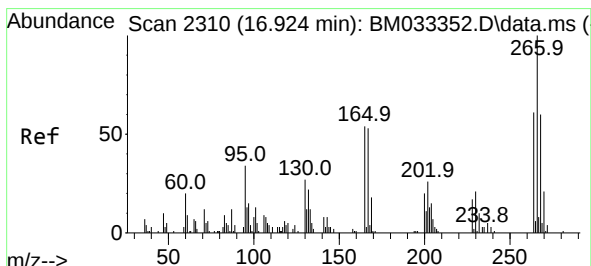
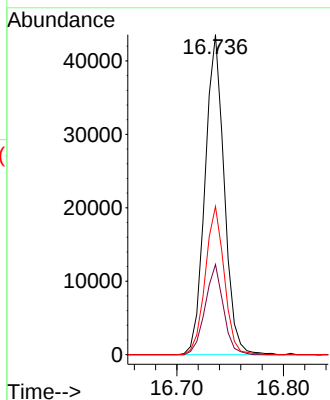
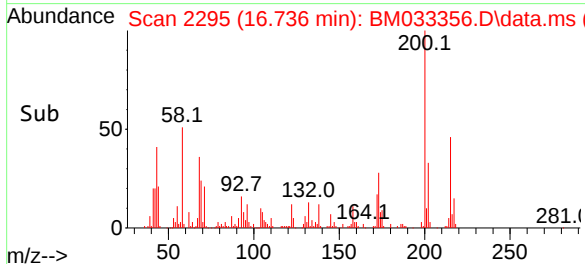


#70
 Atrazine
 Concen: 17.627 ng/ul
 RT: 16.736 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BM033356.D
 Acq: 09 Dec 2021 13:48

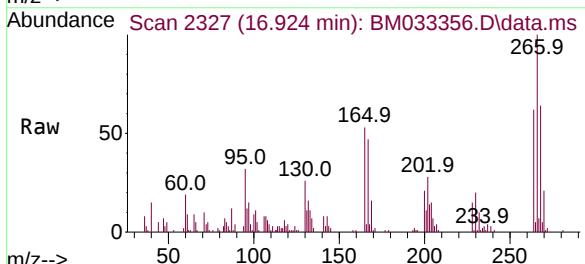
Instrument :
 BNA_M
 ClientSampleId :



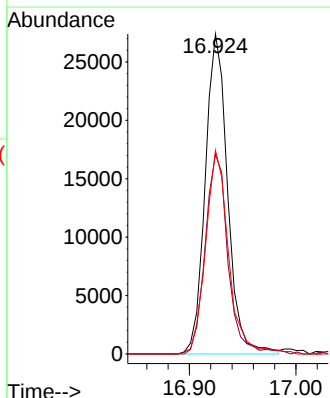
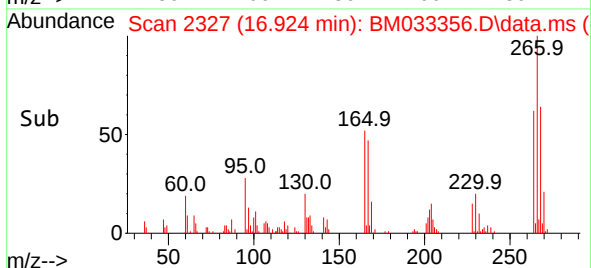
Tgt Ion:200 Resp: 54533
 Ion Ratio Lower Upper
 200 100
 173 28.2 20.6 30.8
 215 46.3 36.9 55.3

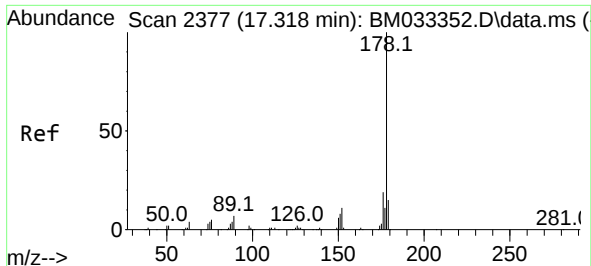


#71
 Pentachlorophenol
 Concen: 23.134 ng/ul
 RT: 16.924 min Scan# 2327
 Delta R.T. 0.000 min
 Lab File: BM033356.D
 Acq: 09 Dec 2021 13:48



Tgt Ion:266 Resp: 39921
 Ion Ratio Lower Upper
 266 100
 264 62.4 49.1 73.7
 268 63.7 47.8 71.8

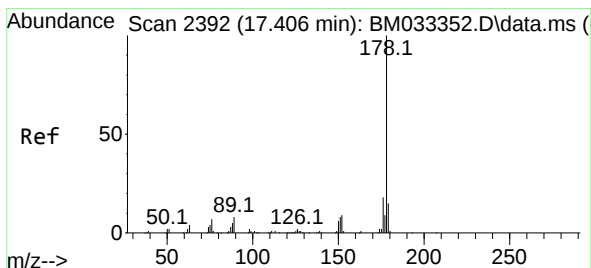
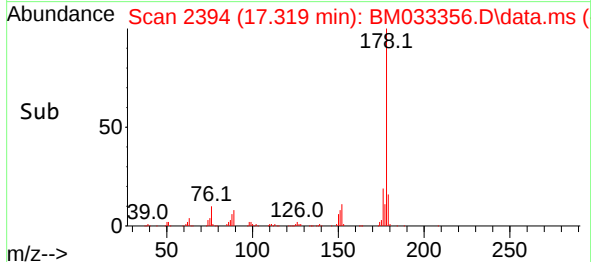
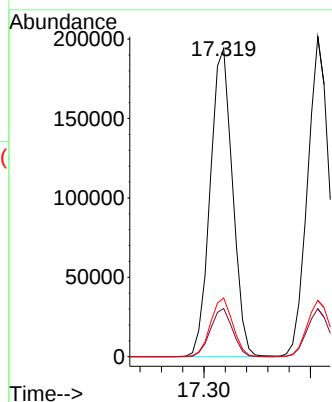
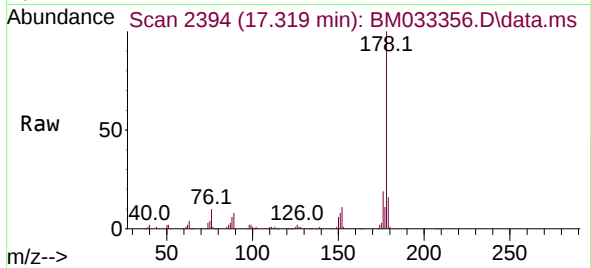




#72
Phenanthrene
Concen: 18.509 ng/u1
RT: 17.319 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM033356.D
Acq: 09 Dec 2021 13:48

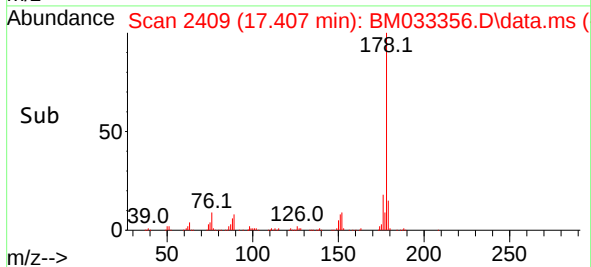
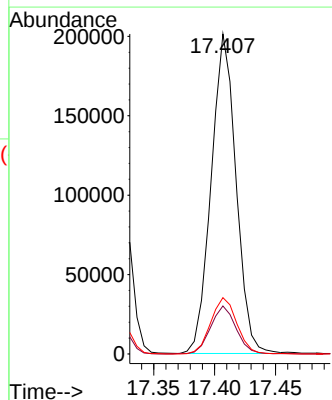
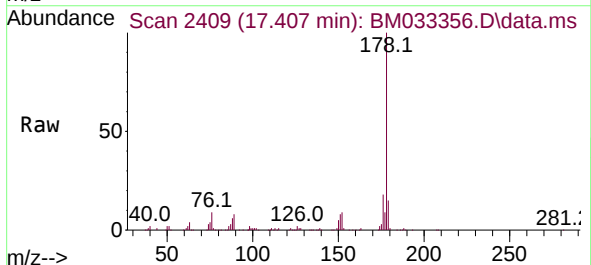
Instrument :
BNA_M
ClientSampleId :

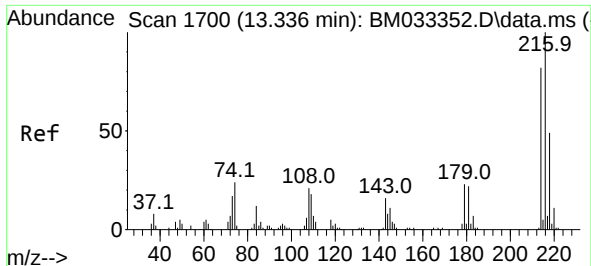
Tgt Ion:178 Resp: 283140
Ion Ratio Lower Upper
178 100
179 15.6 11.7 17.5
176 19.0 15.1 22.7



#74
Anthracene
Concen: 18.456 ng/u1
RT: 17.407 min Scan# 2409
Delta R.T. 0.000 min
Lab File: BM033356.D
Acq: 09 Dec 2021 13:48

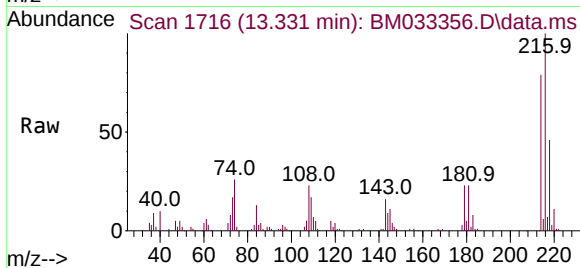
Tgt Ion:178 Resp: 286246
Ion Ratio Lower Upper
178 100
179 15.0 12.3 18.5
176 17.6 14.5 21.7



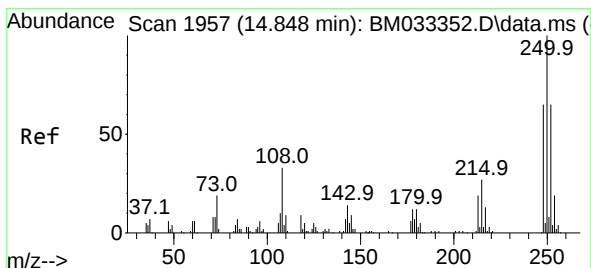
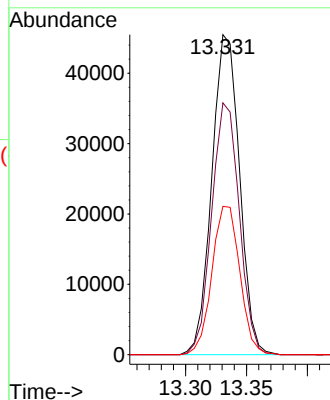
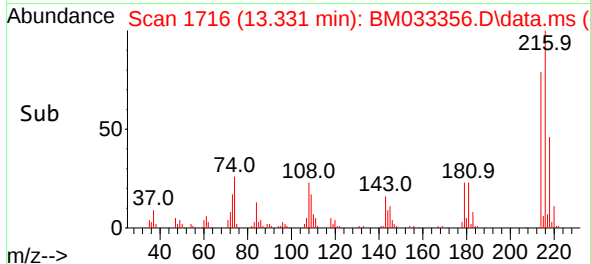


#75
1,2,3,4-Tetrachlorobenzene
Concen: 18.861 ng/uL
RT: 13.331 min Scan# 1716
Delta R.T. -0.006 min
Lab File: BM033356.D
Acq: 09 Dec 2021 13:48

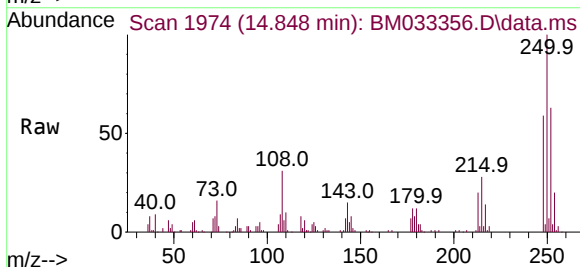
Instrument :
BNA_M
ClientSampleId :



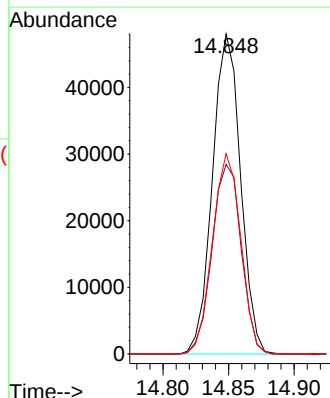
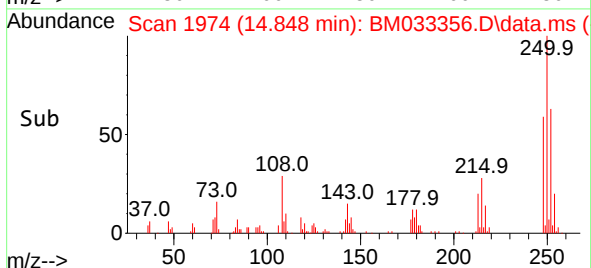
Tgt Ion:216 Resp: 72132
Ion Ratio Lower Upper
216 100
214 78.7 65.4 98.0
218 46.4 38.8 58.2

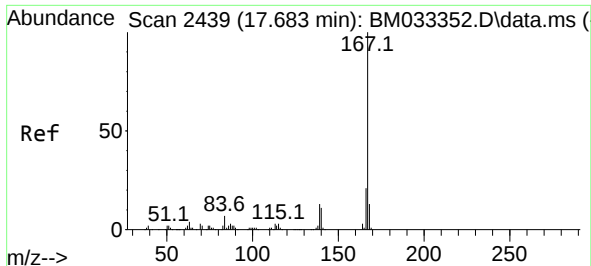


#76
Pentachlorobenzene
Concen: 18.951 ng/uL
RT: 14.848 min Scan# 1974
Delta R.T. 0.000 min
Lab File: BM033356.D
Acq: 09 Dec 2021 13:48



Tgt Ion:250 Resp: 71573
Ion Ratio Lower Upper
250 100
248 59.3 51.6 77.4
252 62.6 52.0 78.0

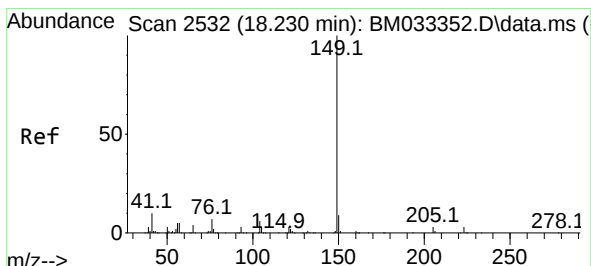
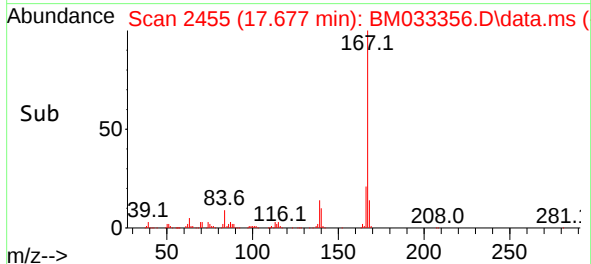
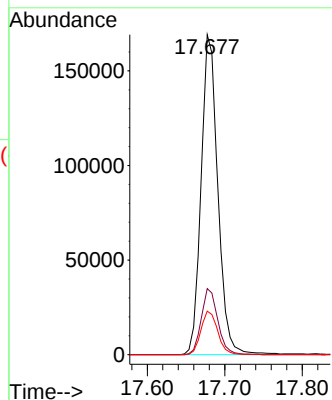
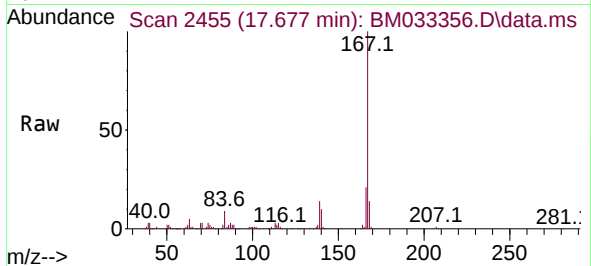




#77
Carbazole
Concen: 18.111 ng/ul
RT: 17.677 min Scan# 2439
Delta R.T. -0.006 min
Lab File: BM033356.D
Acq: 09 Dec 2021 13:48

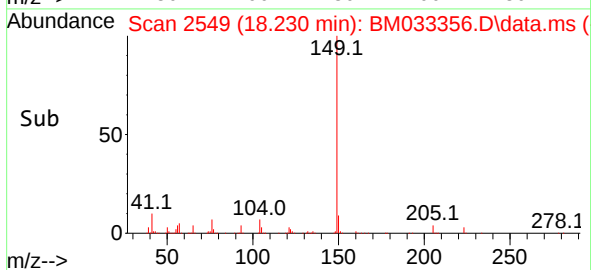
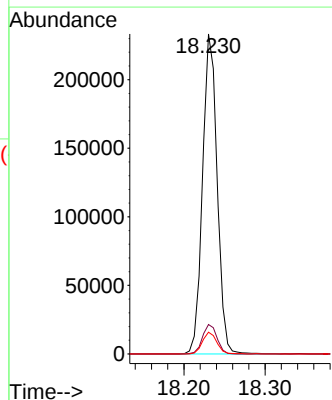
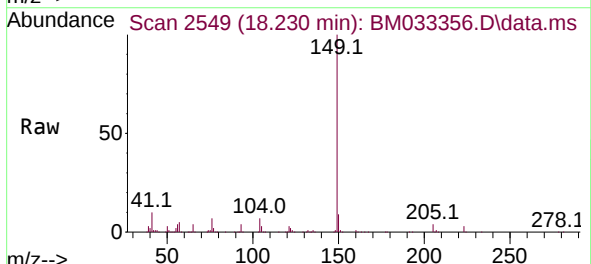
Instrument :
BNA_M
ClientSampleId :

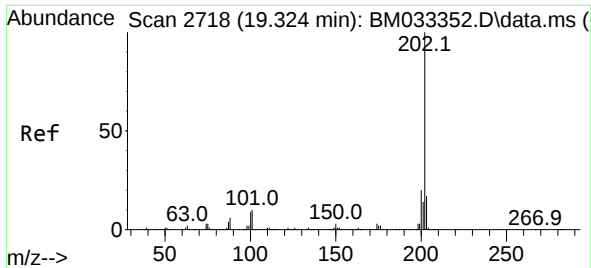
Tgt Ion:167 Resp: 253880
Ion Ratio Lower Upper
167 100
166 20.7 16.9 25.3
139 13.6 10.5 15.7



#78
Di-n-butylphthalate
Concen: 18.518 ng/ul
RT: 18.230 min Scan# 2549
Delta R.T. 0.000 min
Lab File: BM033356.D
Acq: 09 Dec 2021 13:48

Tgt Ion:149 Resp: 291278
Ion Ratio Lower Upper
149 100
150 9.2 7.0 10.6
104 6.8 5.1 7.7

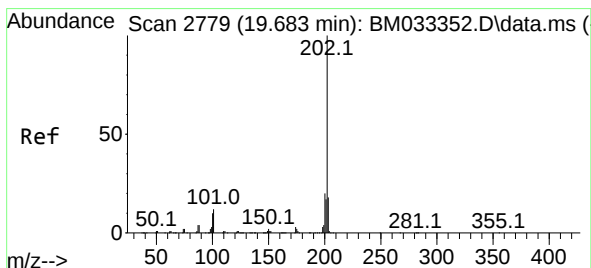
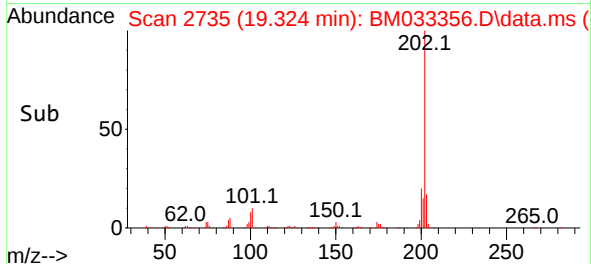
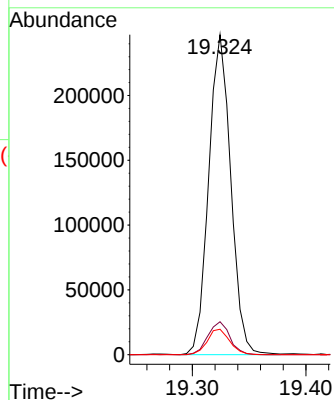
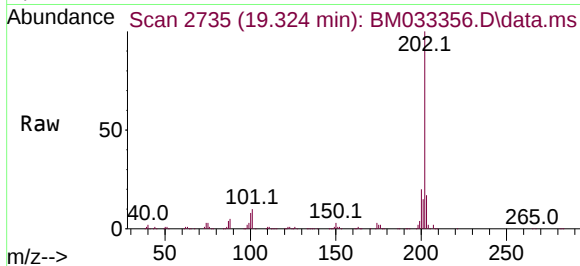




#80
Fluoranthene
Concen: 18.795 ng/ul
RT: 19.324 min Scan# 2718
Delta R.T. 0.000 min
Lab File: BM033356.D
Acq: 09 Dec 2021 13:48

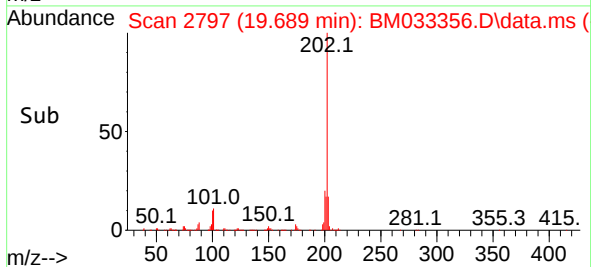
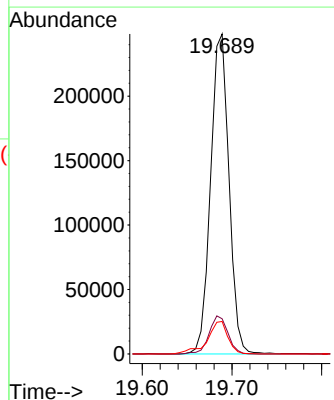
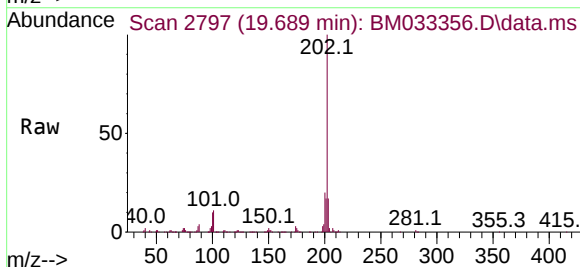
Instrument :
BNA_M
ClientSampleId :

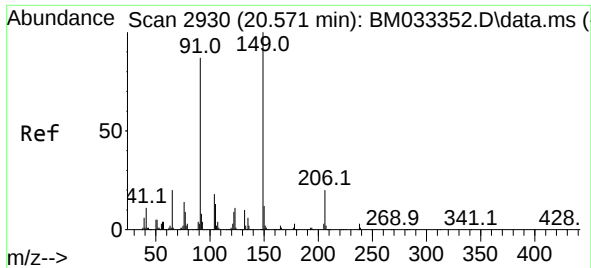
Tgt Ion:202 Resp: 334198
Ion Ratio Lower Upper
202 100
101 10.3 8.2 12.4
100 8.0 6.9 10.3



#82
Pyrene
Concen: 18.968 ng/ul
RT: 19.689 min Scan# 2797
Delta R.T. 0.006 min
Lab File: BM033356.D
Acq: 09 Dec 2021 13:48

Tgt Ion:202 Resp: 353085
Ion Ratio Lower Upper
202 100
101 11.0 9.8 14.6
100 10.2 8.6 13.0

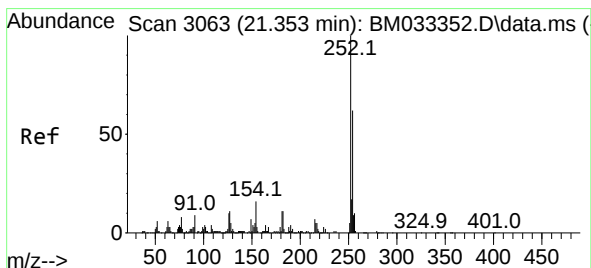
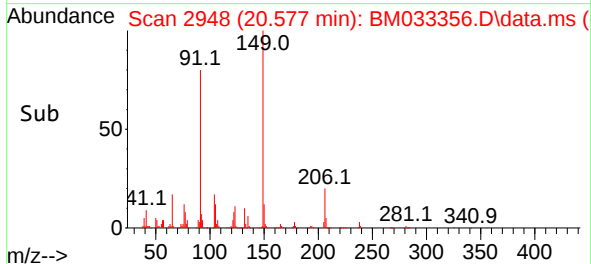
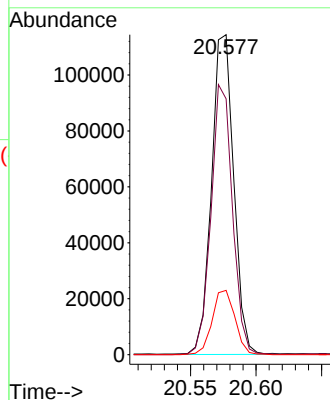
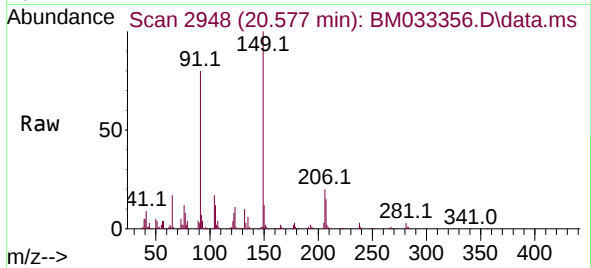




#83
Butylbenzylphthalate
Concen: 18.891 ng/ul
RT: 20.577 min Scan# 2930
Delta R.T. 0.006 min
Lab File: BM033356.D
Acq: 09 Dec 2021 13:48

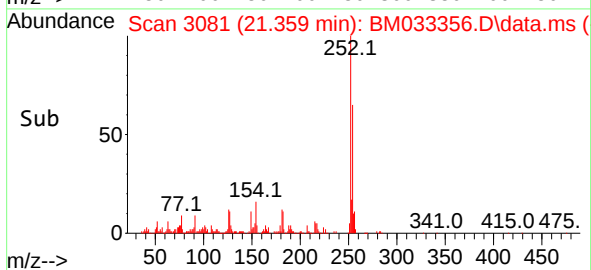
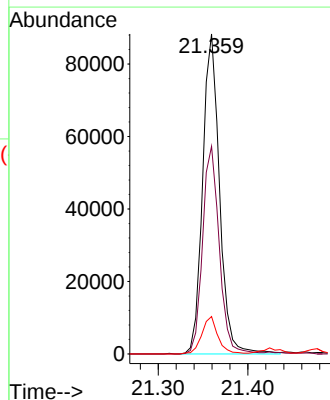
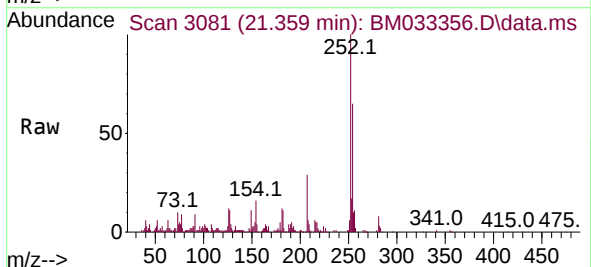
Instrument :
BNA_M
ClientSampleId :

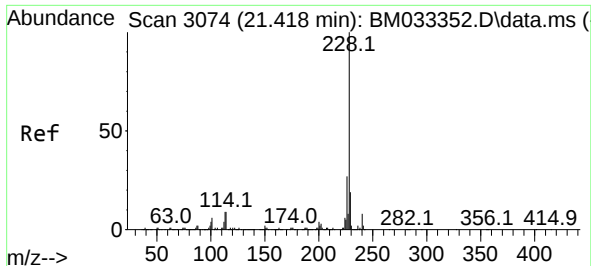
Tgt Ion:149 Resp: 134704
Ion Ratio Lower Upper
149 100
91 80.0 69.3 103.9
206 20.1 16.1 24.1



#84
3,3'-Dichlorobenzidine
Concen: 18.843 ng/ul
RT: 21.359 min Scan# 3081
Delta R.T. 0.006 min
Lab File: BM033356.D
Acq: 09 Dec 2021 13:48

Tgt Ion:252 Resp: 115599
Ion Ratio Lower Upper
252 100
254 64.9 49.4 74.2
126 11.7 8.2 12.4

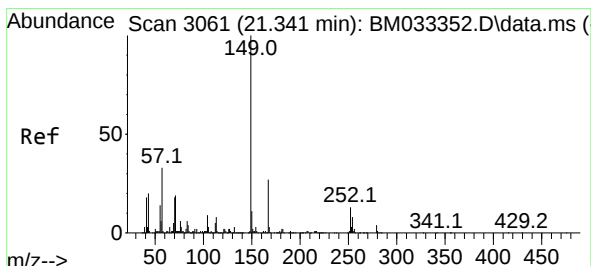
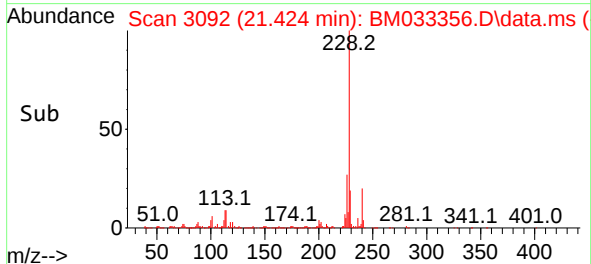
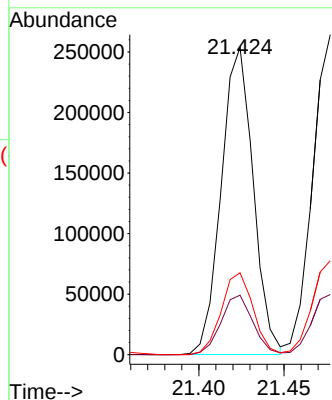
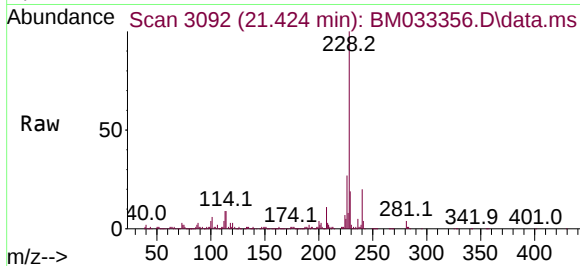




#85
Benzo(a)anthracene
Concen: 18.670 ng/ul
RT: 21.424 min Scan# 3074
Delta R.T. 0.006 min
Lab File: BM033356.D
Acq: 09 Dec 2021 13:48

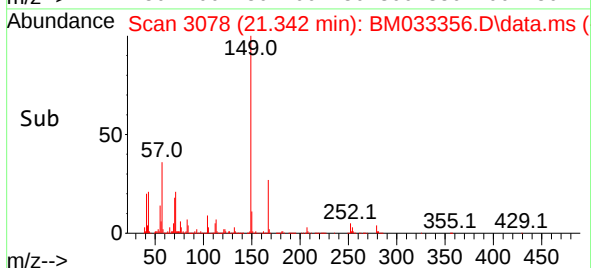
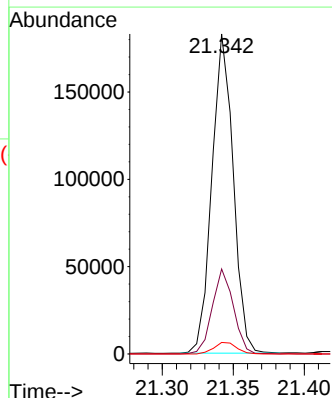
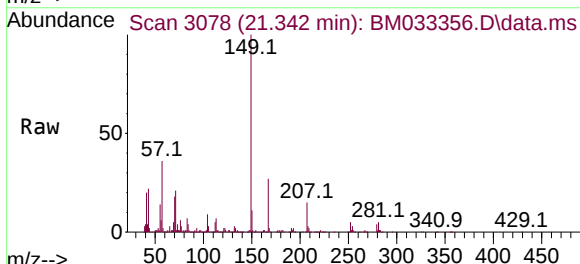
Instrument :
BNA_M
ClientSampleId :

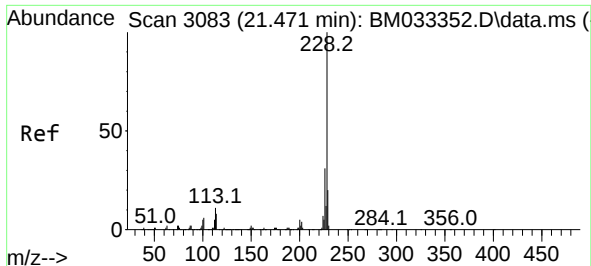
Tgt Ion:228 Resp: 331092
Ion Ratio Lower Upper
228 100
229 19.4 15.0 22.4
226 26.7 21.4 32.0



#86
Bis(2-ethylhexyl)phthalate
Concen: 18.559 ng/ul
RT: 21.342 min Scan# 3078
Delta R.T. 0.000 min
Lab File: BM033356.D
Acq: 09 Dec 2021 13:48

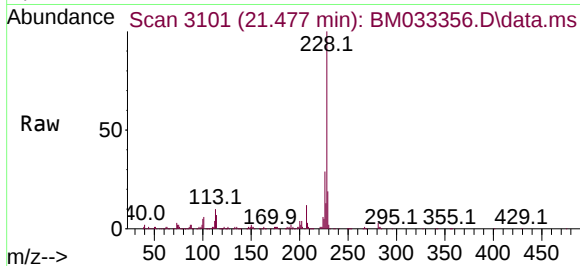
Tgt Ion:149 Resp: 190191
Ion Ratio Lower Upper
149 100
167 26.5 21.8 32.8
279 3.6 3.2 4.8



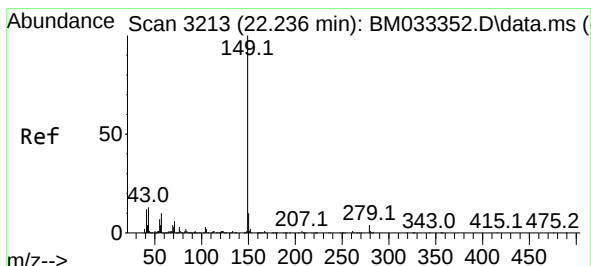
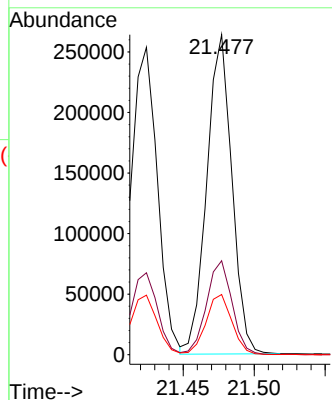
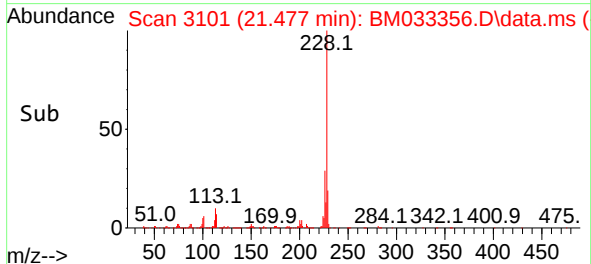


#87
Chrysene
Concen: 18.602 ng/u1
RT: 21.477 min Scan# 3101
Delta R.T. 0.006 min
Lab File: BM033356.D
Acq: 09 Dec 2021 13:48

Instrument :
BNA_M
ClientSampleId :

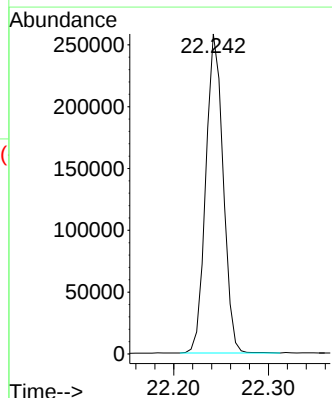
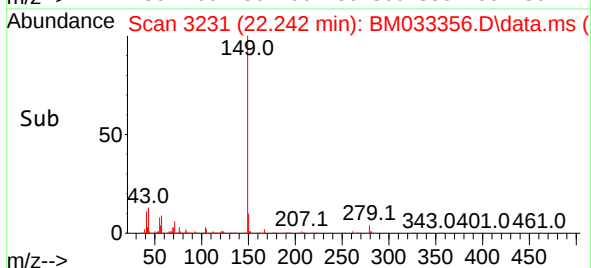
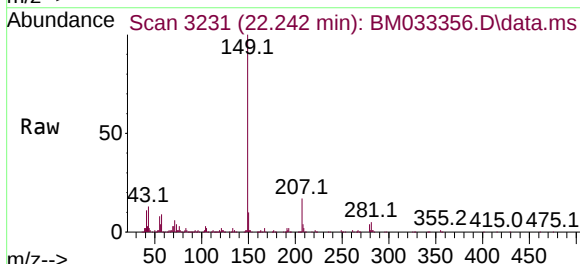


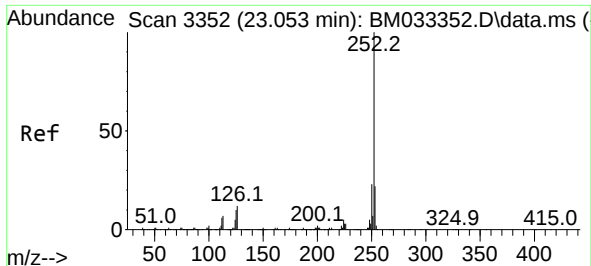
Tgt Ion:228 Resp: 324213
Ion Ratio Lower Upper
228 100
226 29.4 24.5 36.7
229 18.8 15.9 23.9



#89
Di-n-octyl phthalate
Concen: 16.932 ng/u1
RT: 22.242 min Scan# 3231
Delta R.T. 0.006 min
Lab File: BM033356.D
Acq: 09 Dec 2021 13:48

Tgt Ion:149 Resp: 326642

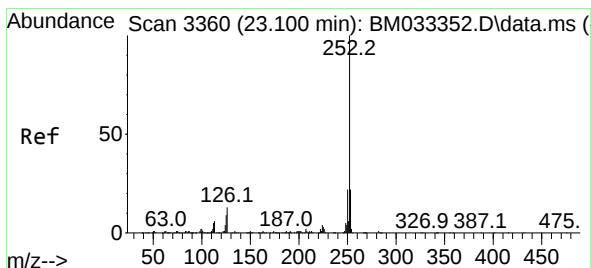
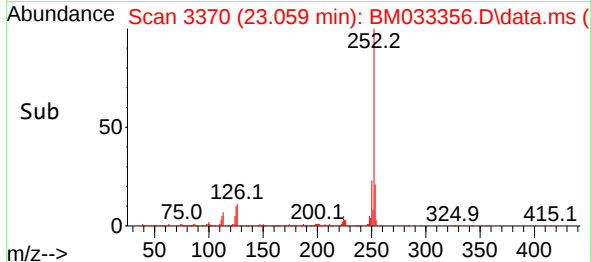
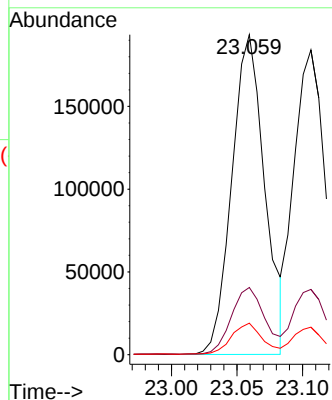
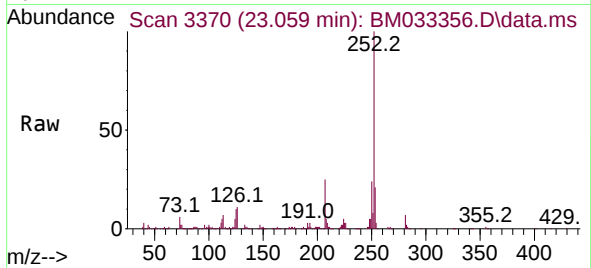




#90
Benzo(b)fluoranthene
Concen: 18.732 ng/ul
RT: 23.059 min Scan# 3352
Delta R.T. 0.006 min
Lab File: BM033356.D
Acq: 09 Dec 2021 13:48

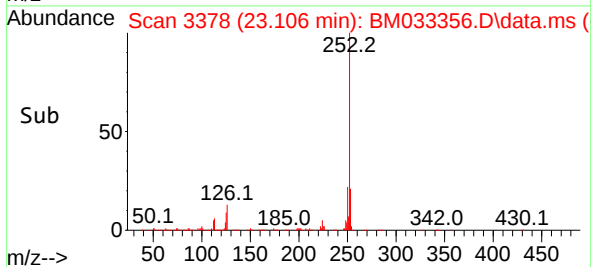
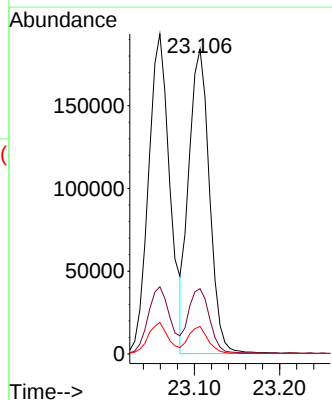
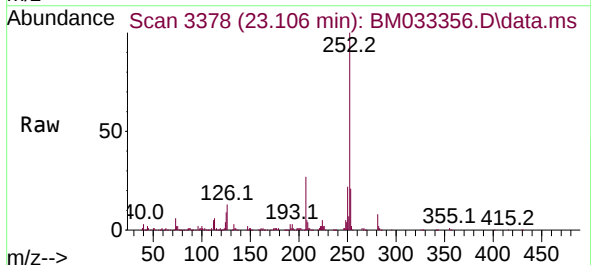
Instrument :
BNA_M
ClientSampleId :

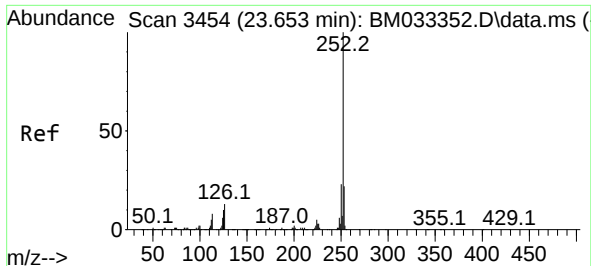
Tgt Ion:252 Resp: 337678
Ion Ratio Lower Upper
252 100
253 21.0 17.7 26.5
125 9.9 7.8 11.6



#91
Benzo(k)fluoranthene
Concen: 18.541 ng/ul
RT: 23.106 min Scan# 3378
Delta R.T. 0.006 min
Lab File: BM033356.D
Acq: 09 Dec 2021 13:48

Tgt Ion:252 Resp: 309479
Ion Ratio Lower Upper
252 100
253 21.4 17.6 26.4
125 9.0 7.4 11.2

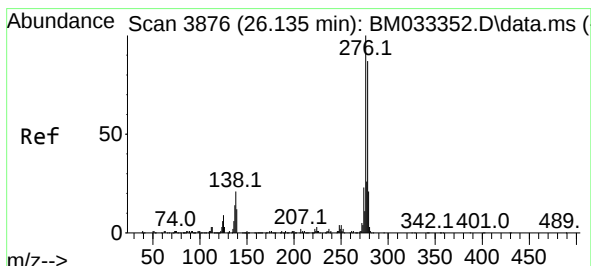
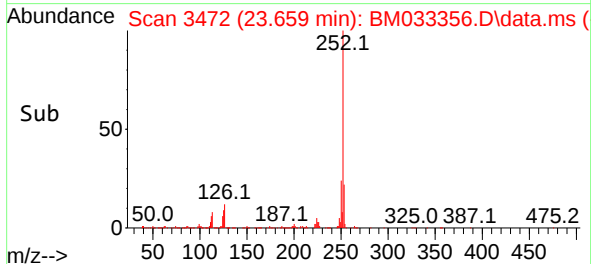
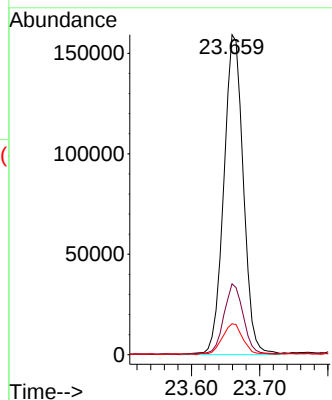
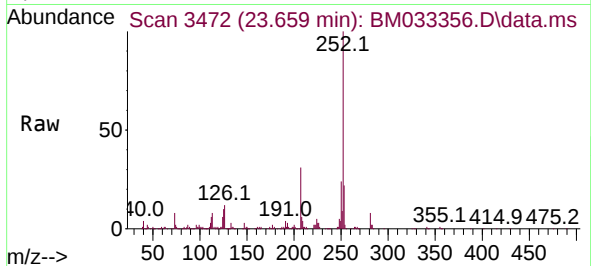




#93
Benzo(a)pyrene
Concen: 18.383 ng/ul
RT: 23.659 min Scan# 34
Delta R.T. 0.006 min
Lab File: BM033356.D
Acq: 09 Dec 2021 13:48

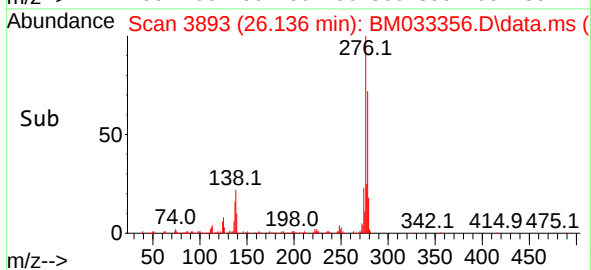
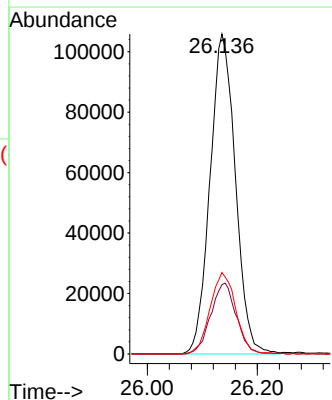
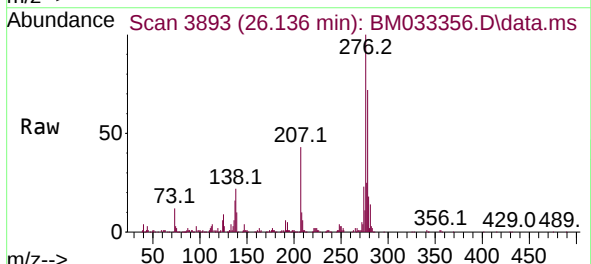
Instrument :
BNA_M
ClientSampleId :

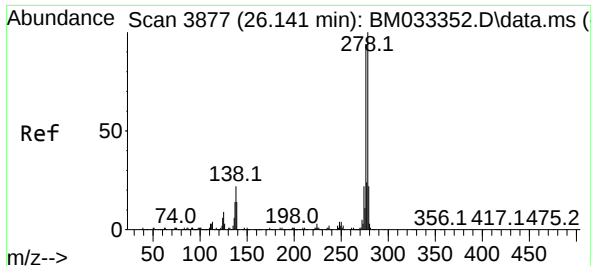
Tgt Ion:252 Resp: 317977
Ion Ratio Lower Upper
252 100
253 22.1 17.4 26.0
125 9.7 7.8 11.6



#94
Indeno(1,2,3-cd)pyrene
Concen: 18.034 ng/ul
RT: 26.136 min Scan# 3893
Delta R.T. 0.000 min
Lab File: BM033356.D
Acq: 09 Dec 2021 13:48

Tgt Ion:276 Resp: 339241
Ion Ratio Lower Upper
276 100
138 21.7 16.5 24.7
277 25.4 20.6 31.0

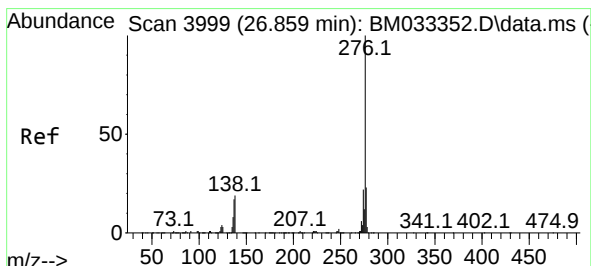
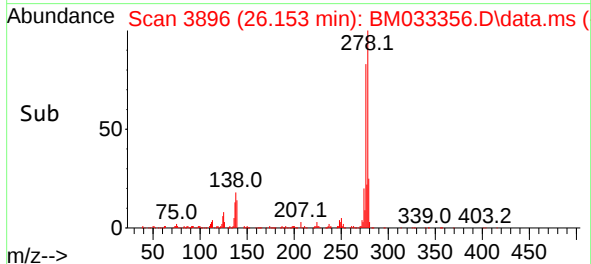
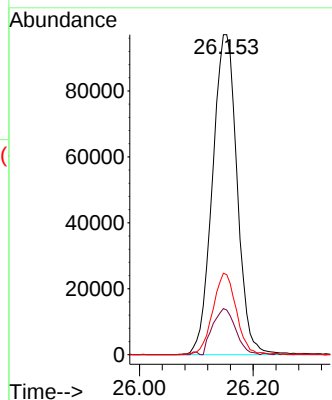
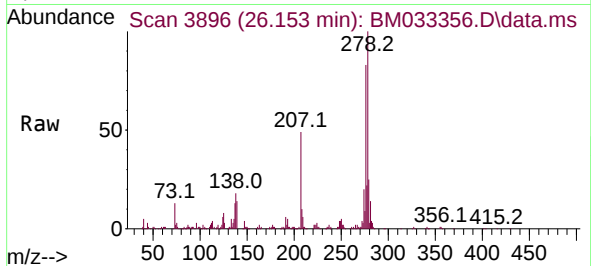




#95
Dibenzo(a,h)anthracene
Concen: 17.852 ng/ul
RT: 26.153 min Scan# 30
Delta R.T. 0.012 min
Lab File: BM033356.D
Acq: 09 Dec 2021 13:48

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:278 Resp: 292107
Ion Ratio Lower Upper
278 100
139 14.0 11.0 16.4
279 25.0 18.1 27.1



#96
Benzo(g,h,i)perylene
Concen: 18.042 ng/ul
RT: 26.865 min Scan# 4017
Delta R.T. 0.006 min
Lab File: BM033356.D
Acq: 09 Dec 2021 13:48

Tgt Ion:276 Resp: 289475
Ion Ratio Lower Upper
276 100
138 18.5 15.6 23.4
277 23.9 18.7 28.1

