

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM051022\
 Data File : BM034959.D
 Acq On : 10 May 2022 11:53
 Operator : CG/JU
 Sample : SSTD01033
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD010033

Quant Time: May 10 16:07:27 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM051022.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue May 10 16:06:09 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.922	152	205585	20.000	ng/u1	0.00
20) Naphthalene-d8	10.722	136	913208	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.551	164	591352	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.292	188	1171595	20.000	ng/u1	# 0.00
79) Chrysene-d12	21.468	240	936548	20.000	ng/u1	0.00
88) Perylene-d12	23.856	264	773186	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.363	96	18964	4.053	ng/uL	0.00
4) Pyridine-d5	3.781	84	124966	10.760	ng/u1	0.00
7) Phenol-d5	7.081	99	161739	10.416	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.251	67	109599	12.586	ng/u1	0.00
11) 2-Chlorophenol-d4	7.451	132	134044	10.200	ng/u1	0.00
15) 4-Methylphenol-d8	8.628	113	133564	10.751	ng/u1	0.00
21) Nitrobenzene-d5	9.075	128	64080	9.606	ng/u1	0.00
24) 2-Nitrophenol-d4	9.804	143	65848	9.507	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.339	165	131353	9.003	ng/u1	0.00
31) 4-Chloroaniline-d4	10.851	131	192907	9.779	ng/u1	0.00
46) Dimethylphthalate-d6	13.963	166	434395	10.090	ng/u1	0.00
49) Acenaphthylene-d8	14.245	160	544311	9.831	ng/u1	0.00
54) 4-Nitrophenol-d4	14.739	143	64424	8.915	ng/u1	0.00
60) Fluorene-d10	15.545	176	374298	10.048	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.657	200	54236	8.069	ng/u1	0.00
73) Anthracene-d10	17.392	188	554038	9.711	ng/u1	0.00
81) Pyrene-d10	19.680	212	576692	11.314	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.697	264	380705	9.735	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.399	88	19386	4.240	ng/uL	92
5) Pyridine	3.799	79	137821	11.313	ng/u1	95
6) Benzaldehyde	7.057	77	116355	14.181	ng/u1	98
8) Phenol	7.110	94	166881	10.921	ng/u1	94
10) Bis(2-Chloroethyl)ether	7.340	93	137021	11.618	ng/u1	95
12) 2-Chlorophenol	7.487	128	139193	10.464	ng/u1	99
13) 2-Methylphenol	8.363	108	123395	10.651	ng/u1	98
14) 2,2'-oxybis(1-Chloropr...	8.451	45	232480	14.649	ng/u1	97
16) Acetophenone	8.740	105	224901	11.815	ng/u1	93
17) N-Nitroso-di-n-propyla...	8.728	70	117776	12.900	ng/u1	93
18) 4-Methylphenol	8.687	108	138499	11.050	ng/u1	95
19) Hexachloroethane	9.004	117	58845	10.559	ng/u1	85
22) Nitrobenzene	9.116	77	168587	11.194	ng/u1	93
23) Isophorone	9.645	82	305288	11.056	ng/u1	96
25) 2-Nitrophenol	9.834	139	75039	9.867	ng/u1	93
26) 2,4-Dimethylphenol	9.898	107	163424	10.210	ng/u1	99
27) Bis(2-Chloroethoxy)met...	10.134	93	193885	11.201	ng/u1	97
29) 2,4-Dichlorophenol	10.369	162	130535	9.172	ng/u1	97
30) Naphthalene	10.775	128	472944	10.135	ng/u1	98
32) 4-Chloroaniline	10.875	127	195406	9.978	ng/u1	97
33) Hexachlorobutadiene	11.069	225	85850	8.349	ng/u1	98
34) Caprolactam	11.633	113	36060	10.163	ng/u1	91
35) 4-Chloro-3-methylphenol	12.004	107	143683	10.655	ng/u1	97
36) 2-Methylnaphthalene	12.380	142	328979	10.172	ng/u1	100

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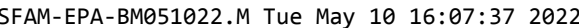
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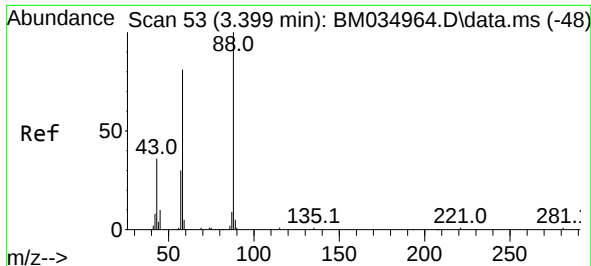
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.598	142	334327	10.273	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.751	216	159787	8.486	ng/ul	97
40) Hexachlorocyclopentadiene	12.739	237	90224	6.619	ng/ul	96
41) 2,4,6-Trichlorophenol	12.986	196	100357	8.861	ng/ul	98
42) 2,4,5-Trichlorophenol	13.057	196	105478	8.705	ng/ul	98
43) 1,1'-Biphenyl	13.392	154	451100	9.869	ng/ul#	98
44) 2-Chloronaphthalene	13.427	162	345063	9.693	ng/ul	96
45) 2-Nitroaniline	13.627	65	93297	12.156	ng/ul	89
47) Dimethylphthalate	14.010	163	431185	10.230	ng/ul	99
48) 2,6-Dinitrotoluene	14.122	165	75759	9.972	ng/ul#	80
50) Acenaphthylene	14.274	152	556602	10.081	ng/ul	99
51) 3-Nitroaniline	14.451	138	81042	12.010	ng/ul	91
52) Acenaphthene	14.616	153	375182	10.311	ng/ul	99
53) 2,4-Dinitrophenol	14.657	184	32142	7.261	ng/ul	91
55) 4-Nitrophenol	14.751	109	60874	10.614	ng/ul	88
56) Dibenzofuran	14.951	168	523684	10.116	ng/ul	95
57) 2,4-Dinitrotoluene	14.910	165	113098	10.601	ng/ul	88
58) 2,3,4,6-Tetrachlorophenol	15.174	232	87073	9.033	ng/ul#	93
59) Diethylphthalate	15.374	149	452172	10.944	ng/ul	97
61) Fluorene	15.598	166	425600	10.214	ng/ul	97
62) 4-Chlorophenyl-phenyle...	15.592	204	202157	9.433	ng/ul	92
63) 4-Nitroaniline	15.604	138	80583	13.613	ng/ul	88
66) 4,6-Dinitro-2-methylph...	15.668	198	57442	8.520	ng/ul	94
67) N-Nitrosodiphenylamine	15.804	169	359737	9.982	ng/ul	98
68) 4-Bromophenyl-phenylether	16.486	248	112419	8.728	ng/ul	92
69) Hexachlorobenzene	16.604	284	129021	8.766	ng/ul	94
70) Atrazine	16.757	200	119094	8.985	ng/ul	97
71) Pentachlorophenol	16.945	266	68130	7.129	ng/ul	96
72) Phenanthrene	17.333	178	653461	10.143	ng/ul	100
74) Anthracene	17.427	178	650969	9.937	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.357	216	164346	8.331	ng/uL	99
76) Pentachlorobenzene	14.874	250	156051	8.582	ng/uL	99
77) Carbazole	17.692	167	573023	10.011	ng/ul	99
78) Di-n-butylphthalate	18.268	149	716039	10.959	ng/ul	99
80) Fluoranthene	19.345	202	689846	11.575	ng/ul#	94
82) Pyrene	19.709	202	712821	11.613	ng/ul	96
83) Butylbenzylphthalate	20.609	149	278237	12.934	ng/ul	93
84) 3,3'-Dichlorobenzidine	21.386	252	166177	8.649	ng/ul	98
85) Benzo(a)anthracene	21.456	228	595543	10.227	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.392	149	416053	12.198	ng/ul#	97
87) Chrysene	21.503	228	575634	10.053	ng/ul	100
89) Di-n-octyl phthalate	22.315	149	598979	13.666	ng/ul	100
90) Benzo(b)fluoranthene	23.174	252	488749	10.342	ng/ul	98
91) Benzo(k)fluoranthene	23.174	252	488749	10.894	ng/ul	99
93) Benzo(a)pyrene	23.744	252	472464	9.973	ng/ul#	96
94) Indeno(1,2,3-cd)pyrene	26.321	276	508849	8.900	ng/ul#	94
95) Dibenzo(a,h)anthracene	26.338	278	440384	8.908	ng/ul#	95
96) Benzo(g,h,i)perylene	27.074	276	421029	8.709	ng/ul#	92

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

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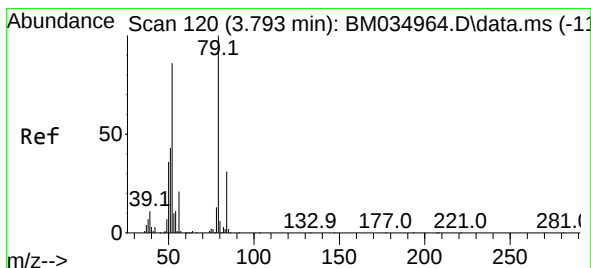
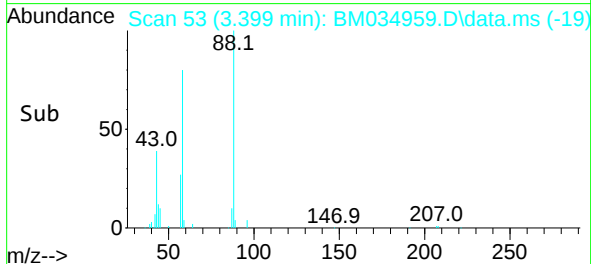
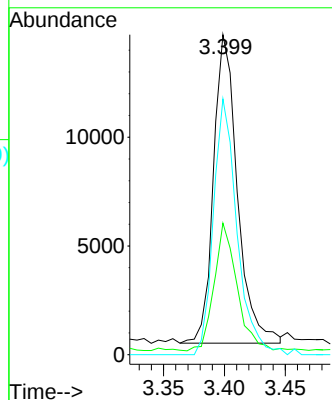
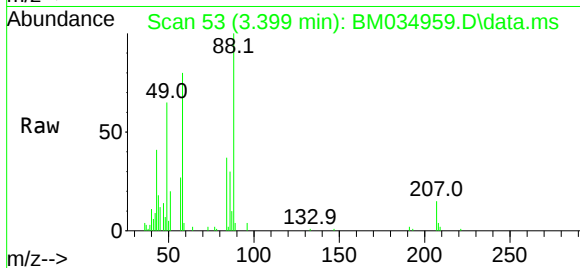




#2
1,4-Dioxane
Concen: 4.240 ng/uL
RT: 3.399 min Scan# 51
Delta R.T. 0.000 min
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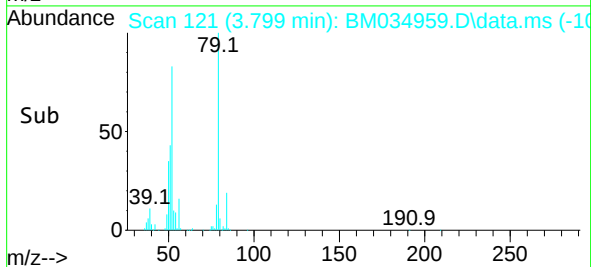
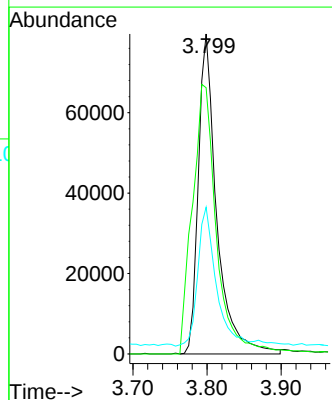
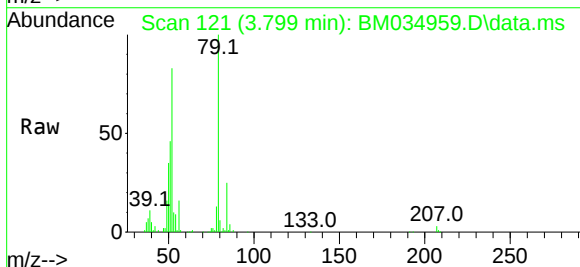
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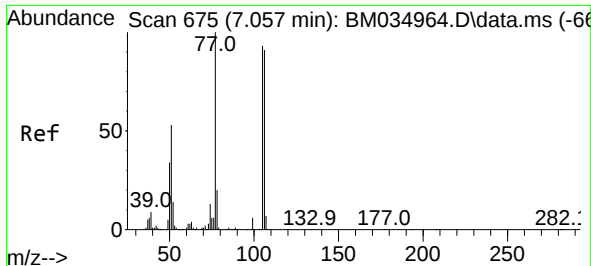
Tgt Ion: 88 Resp: 19386
Ion Ratio Lower Upper
88 100
43 41.1 27.6 41.4
58 79.9 59.5 89.3



#5
Pyridine
Concen: 11.313 ng/uL
RT: 3.799 min Scan# 121
Delta R.T. 0.006 min
Lab File: BM034959.D
Acq: 10 May 2022 11:53

Tgt Ion: 79 Resp: 137821
Ion Ratio Lower Upper
79 100
52 83.2 64.3 96.5
51 45.8 32.4 48.6

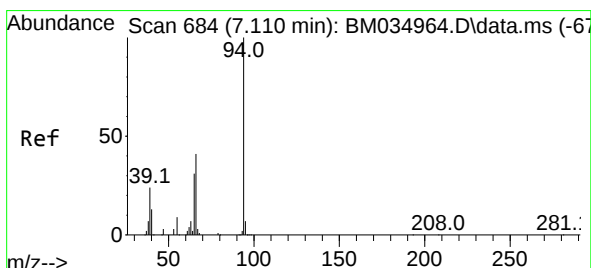
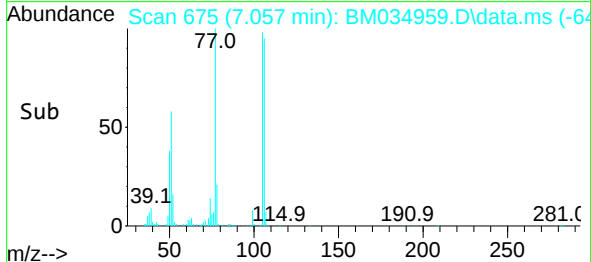
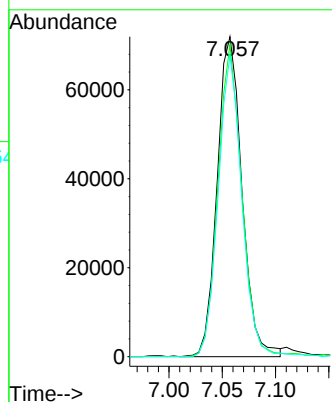
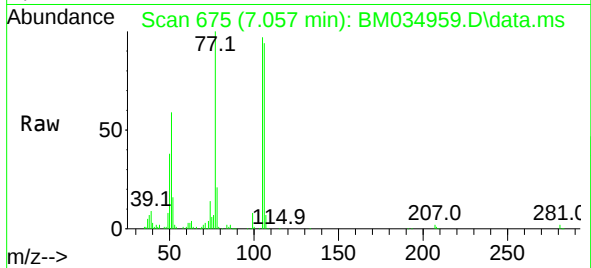




#6
Benzaldehyde
Concen: 14.181 ng/ul
RT: 7.057 min Scan# 611
Delta R.T. 0.000 min
Lab File: BM034959.D
Acq: 10 May 2022 11:53

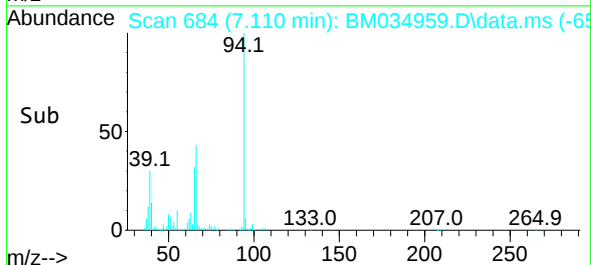
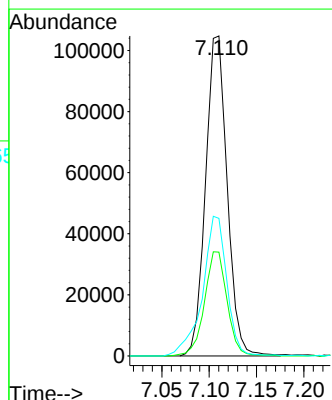
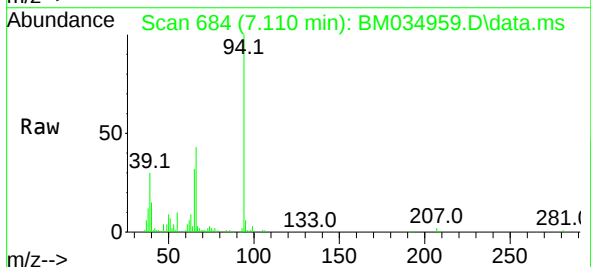
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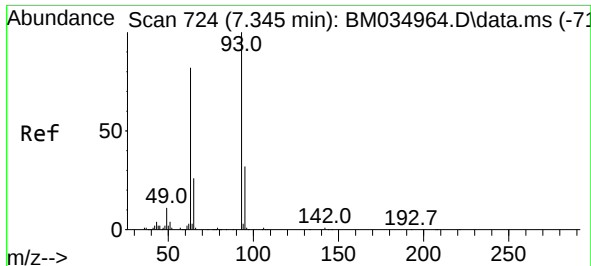
Tgt Ion: 77 Resp: 116355
Ion Ratio Lower Upper
77 100
105 97.5 77.4 116.0
106 94.2 73.4 110.2



#8
Phenol
Concen: 10.921 ng/ul
RT: 7.110 min Scan# 684
Delta R.T. 0.000 min
Lab File: BM034959.D
Acq: 10 May 2022 11:53

Tgt Ion: 94 Resp: 166881
Ion Ratio Lower Upper
94 100
65 32.4 23.8 35.6
66 43.0 31.3 46.9

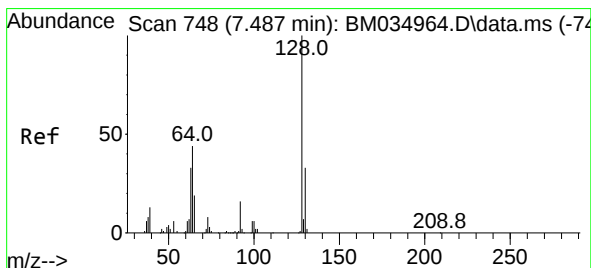
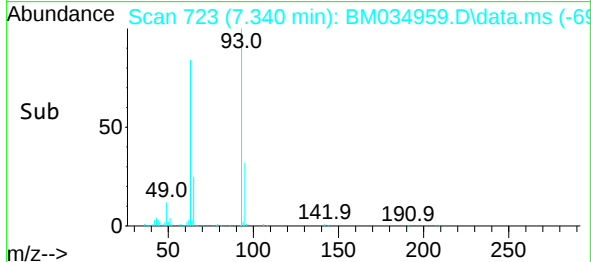
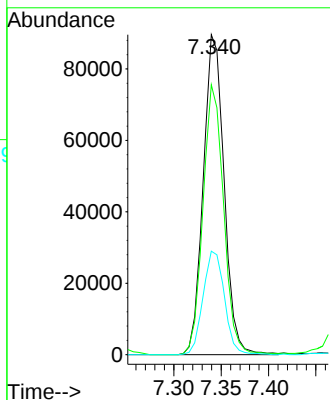
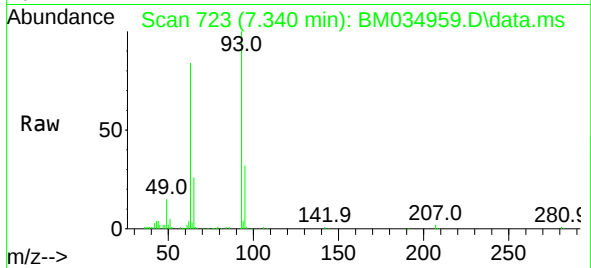




#10
Bis(2-Chloroethyl)ether
Concen: 11.618 ng/ul
RT: 7.340 min Scan# 71
Delta R.T. -0.006 min
Lab File: BM034959.D
Acq: 10 May 2022 11:53

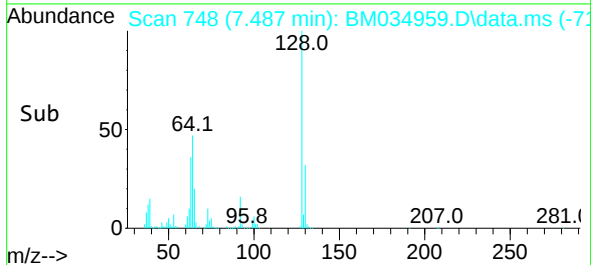
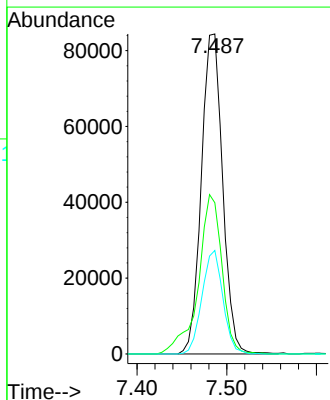
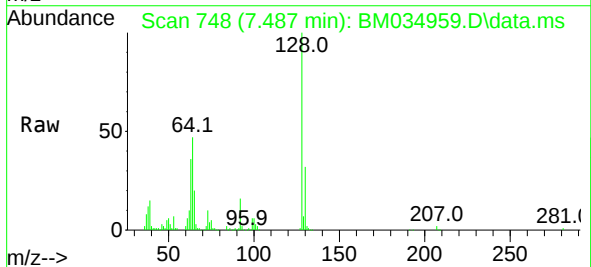
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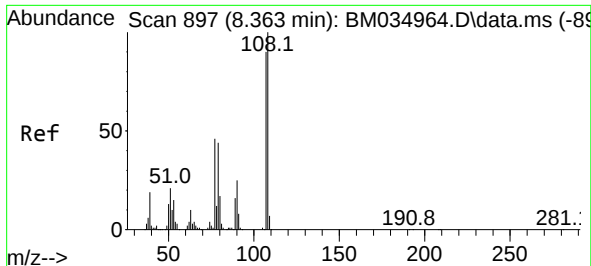
Tgt Ion: 93 Resp: 137021
Ion Ratio Lower Upper
93 100
63 84.4 62.5 93.7
95 32.4 25.8 38.8



#12
2-Chlorophenol
Concen: 10.464 ng/ul
RT: 7.487 min Scan# 748
Delta R.T. 0.000 min
Lab File: BM034959.D
Acq: 10 May 2022 11:53

Tgt Ion:128 Resp: 139193
Ion Ratio Lower Upper
128 100
64 47.3 37.1 55.7
130 32.4 26.2 39.4

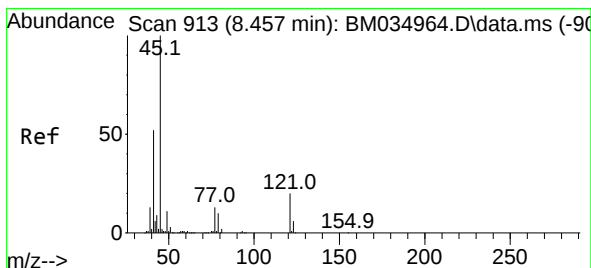
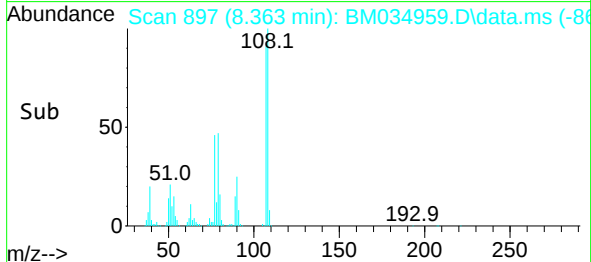
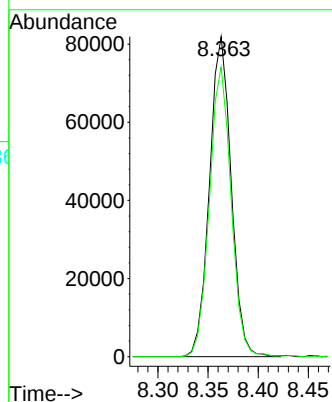
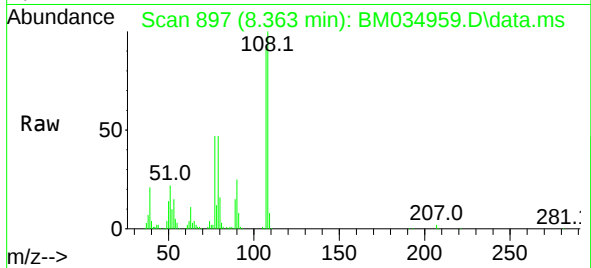




#13
2-Methylphenol
Concen: 10.651 ng/ul
RT: 8.363 min Scan# 897
Delta R.T. 0.000 min
Lab File: BM034959.D
Acq: 10 May 2022 11:53

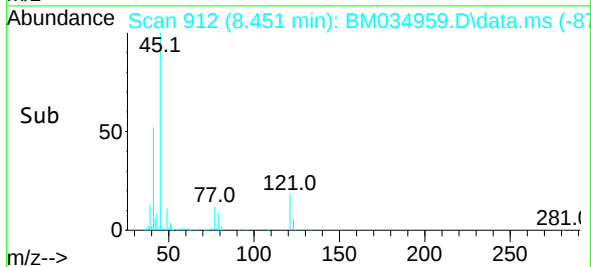
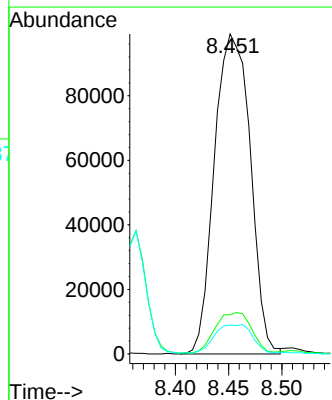
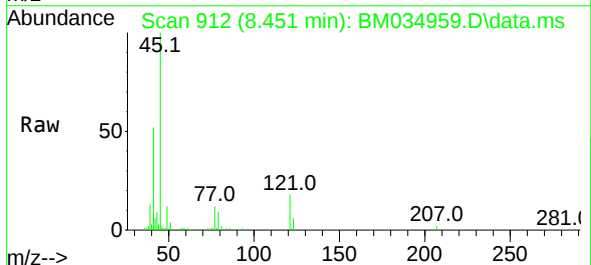
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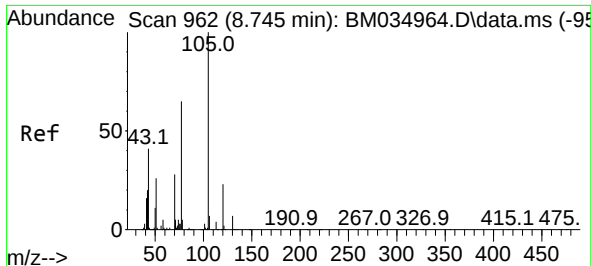
Tgt Ion:108 Resp: 123395
Ion Ratio Lower Upper
108 100
107 90.5 70.8 106.2



#14
2,2'-oxybis(1-Chloropropane)
Concen: 14.649 ng/ul
RT: 8.451 min Scan# 912
Delta R.T. -0.006 min
Lab File: BM034959.D
Acq: 10 May 2022 11:53

Tgt Ion: 45 Resp: 232480
Ion Ratio Lower Upper
45 100
77 12.2 10.6 15.8
79 9.1 8.1 12.1

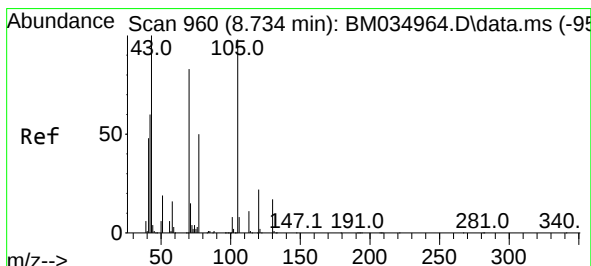
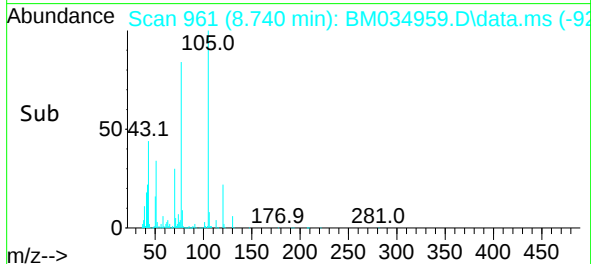
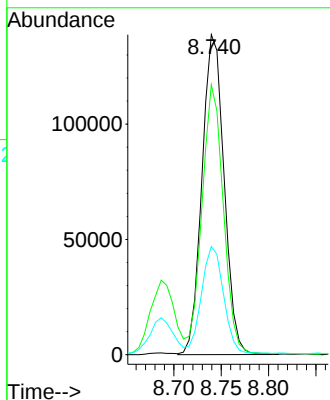
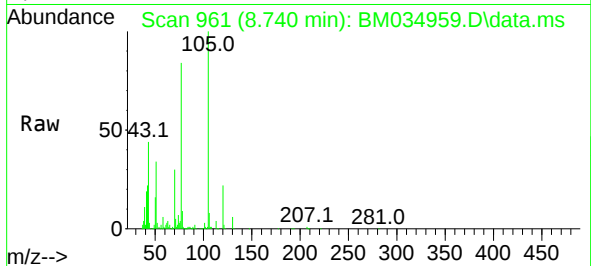




#16
 Acetophenone
 Concen: 11.815 ng/ul
 RT: 8.740 min Scan# 90
 Delta R.T. -0.006 min
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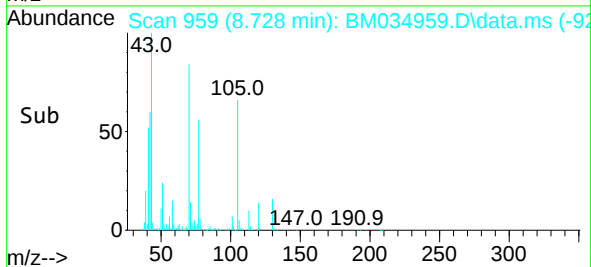
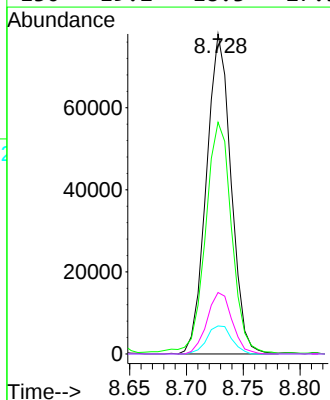
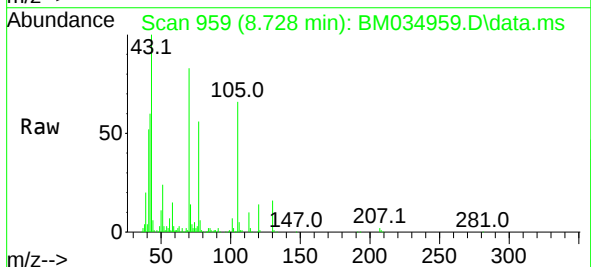
Instrument :
 BNA_M
 ClientSampleId :
 SSTD010033

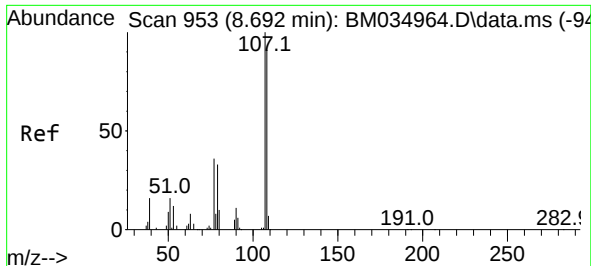
Tgt Ion:105 Resp: 224901
 Ion Ratio Lower Upper
 105 100
 77 84.3 62.4 93.6
 51 33.8 23.8 35.6



#17
 N-Nitroso-di-n-propylamine
 Concen: 12.900 ng/ul
 RT: 8.728 min Scan# 959
 Delta R.T. -0.006 min
 Lab File: BM034959.D
 Acq: 10 May 2022 11:53

Tgt Ion: 70 Resp: 117776
 Ion Ratio Lower Upper
 70 100
 42 72.4 53.3 79.9
 101 8.8 8.2 12.4
 130 19.2 18.3 27.5

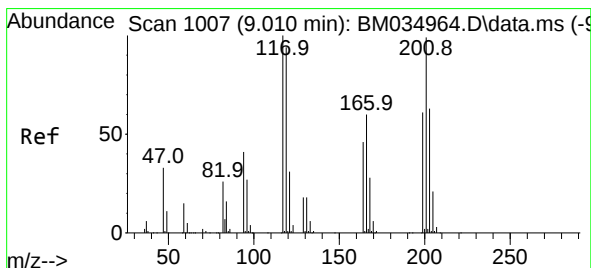
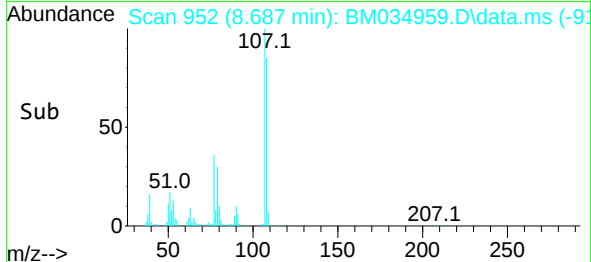
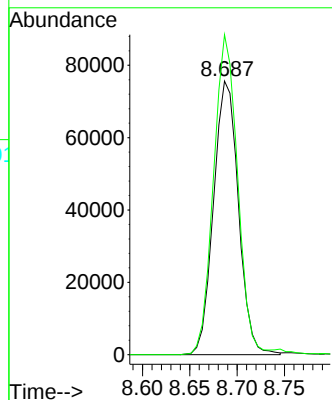
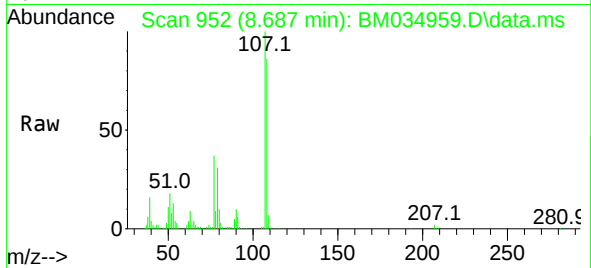




#18
4-Methylphenol
Concen: 11.050 ng/ul
RT: 8.687 min Scan# 91
Delta R.T. -0.006 min
Lab File: BM034959.D
Acq: 10 May 2022 11:53

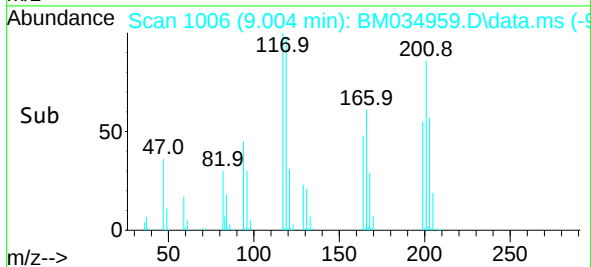
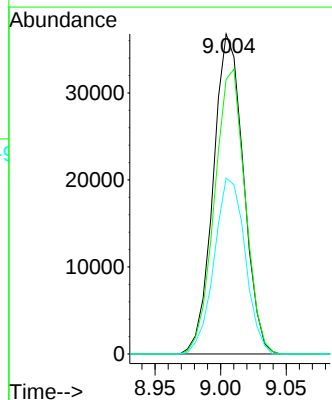
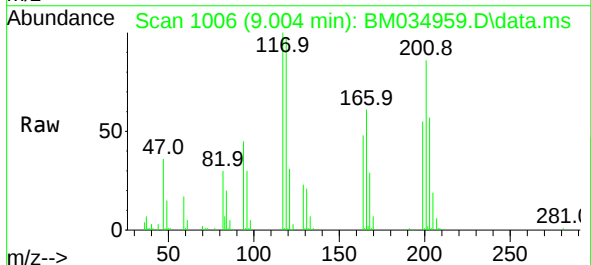
Instrument :
BNA_M
ClientSampleId :
SSTD010033

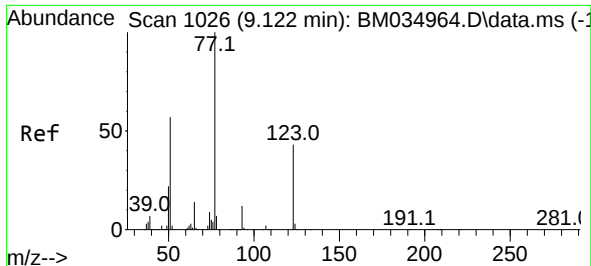
Tgt Ion:108 Resp: 138499
Ion Ratio Lower Upper
108 100
107 116.9 89.7 134.5



#19
Hexachloroethane
Concen: 10.559 ng/ul
RT: 9.004 min Scan# 1006
Delta R.T. -0.006 min
Lab File: BM034959.D
Acq: 10 May 2022 11:53

Tgt Ion:117 Resp: 58845
Ion Ratio Lower Upper
117 100
201 85.8 81.3 121.9
199 55.0 53.4 80.0

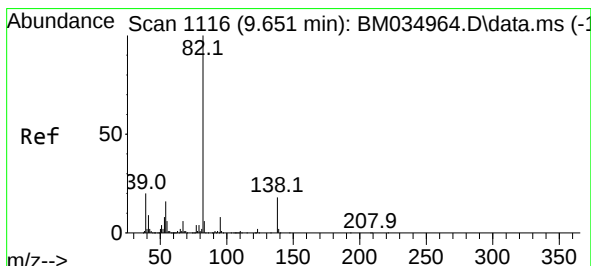
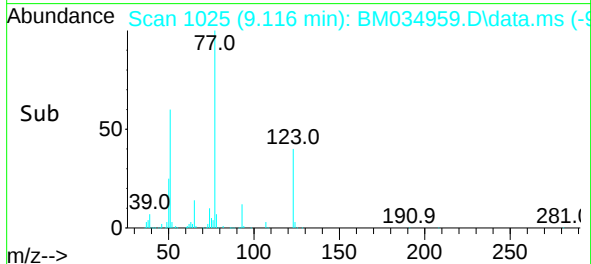
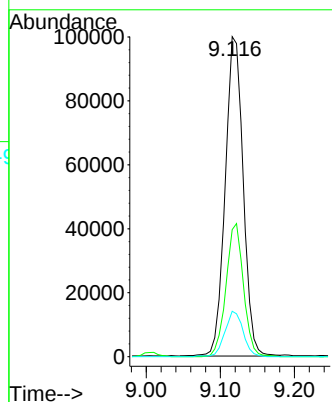
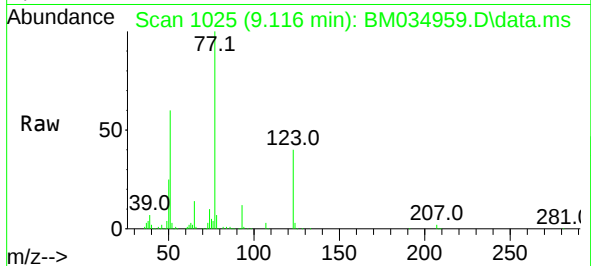




#22
Nitrobenzene
Concen: 11.194 ng/ul
RT: 9.116 min Scan# 1025
Delta R.T. -0.006 min
Lab File: BM034959.D
Acq: 10 May 2022 11:53

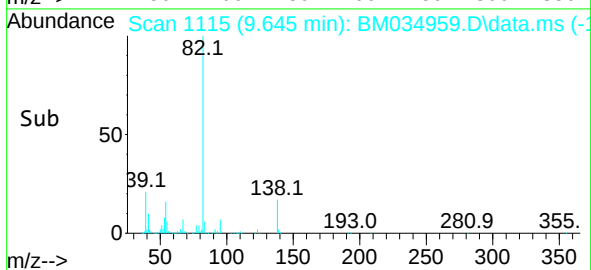
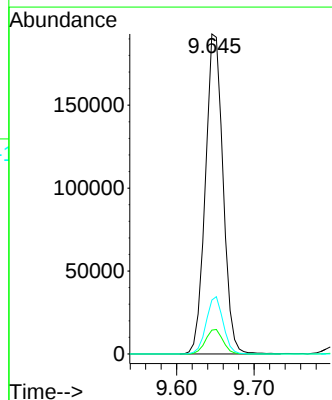
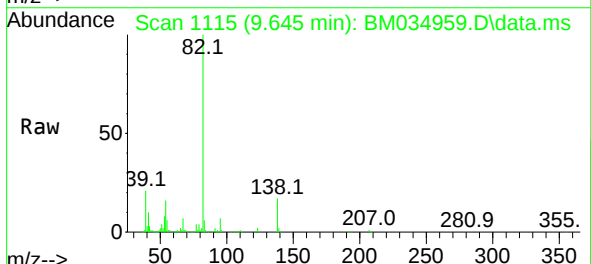
Instrument :
BNA_M
ClientSampleId :
SSTD010033

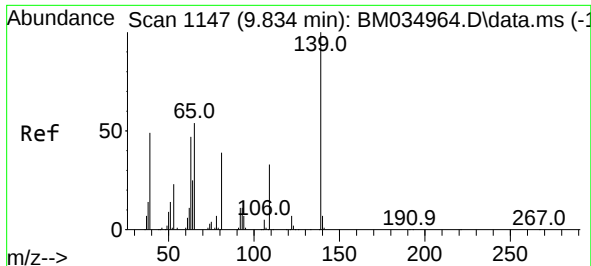
Tgt Ion: 77 Resp: 168587
Ion Ratio Lower Upper
77 100
123 39.7 36.1 54.1
65 14.2 11.0 16.6



#23
Isophorone
Concen: 11.056 ng/ul
RT: 9.645 min Scan# 1115
Delta R.T. -0.006 min
Lab File: BM034959.D
Acq: 10 May 2022 11:53

Tgt Ion: 82 Resp: 305288
Ion Ratio Lower Upper
82 100
95 7.4 6.2 9.4
138 16.9 15.3 22.9

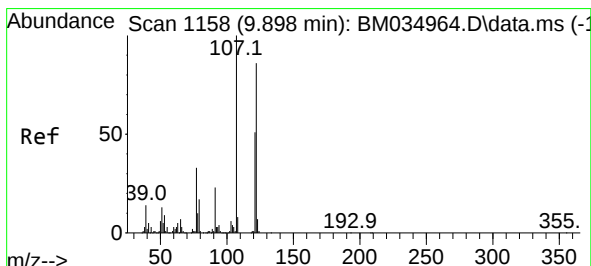
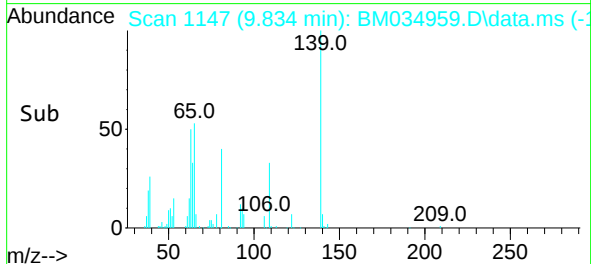
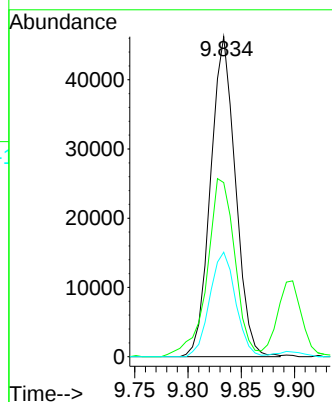
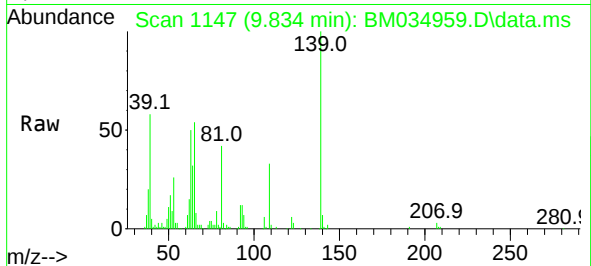




#25
2-Nitrophenol
Concen: 9.867 ng/ul
RT: 9.834 min Scan# 1147
Delta R.T. 0.000 min
Lab File: BM034959.D
Acq: 10 May 2022 11:53

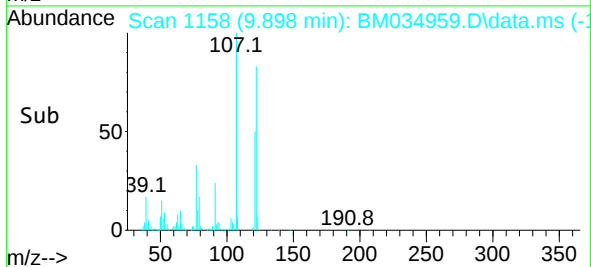
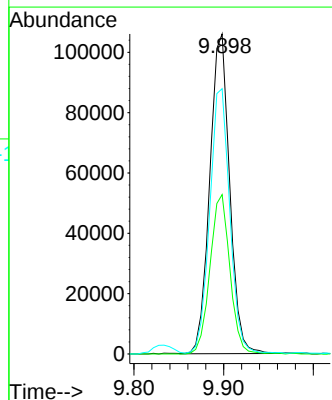
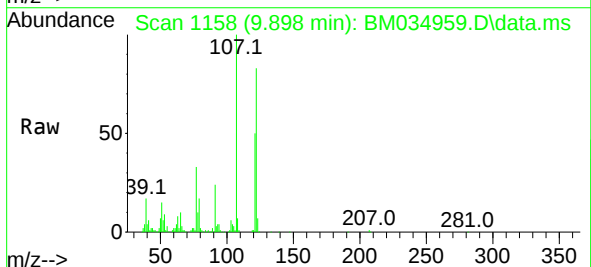
Instrument :
BNA_M
ClientSampleId :
SSTD010033

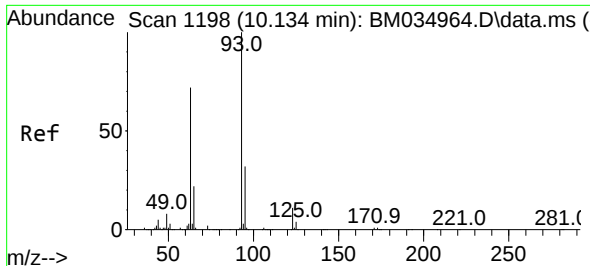
Tgt Ion:139 Resp: 75039
Ion Ratio Lower Upper
139 100
65 54.4 38.9 58.3
109 32.6 24.1 36.1



#26
2,4-Dimethylphenol
Concen: 10.210 ng/ul
RT: 9.898 min Scan# 1158
Delta R.T. 0.000 min
Lab File: BM034959.D
Acq: 10 May 2022 11:53

Tgt Ion:107 Resp: 163424
Ion Ratio Lower Upper
107 100
121 49.8 40.3 60.5
122 82.9 66.6 100.0





#27

Bis(2-Chloroethoxy)methane

Concen: 11.201 ng/ul

RT: 10.134 min Scan# 1198

Delta R.T. 0.000 min

Lab File: BM034959.D

Acq: 10 May 2022 11:53

Instrument :

BNA_M

ClientSampleId :

SSTD010033

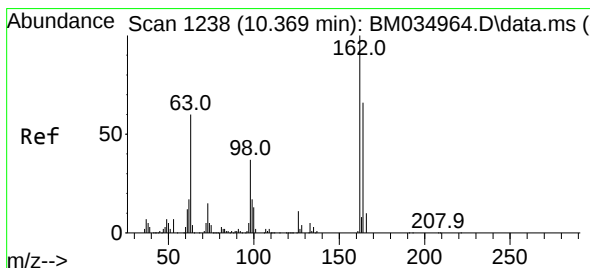
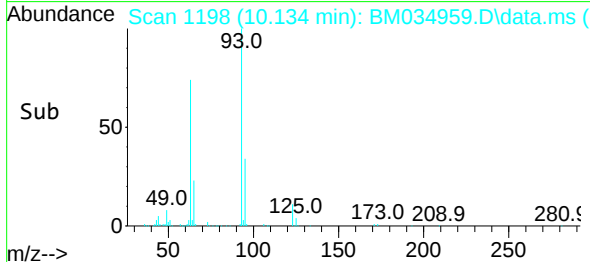
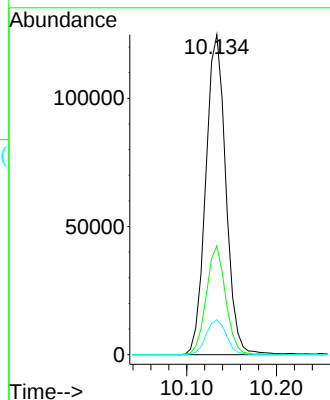
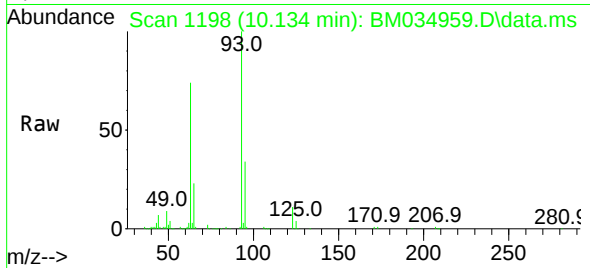
Tgt Ion: 93 Resp: 193885

Ion Ratio Lower Upper

93 100

95 34.0 25.8 38.6

123 10.9 9.2 13.8



#29

2,4-Dichlorophenol

Concen: 9.172 ng/ul

RT: 10.369 min Scan# 1238

Delta R.T. 0.000 min

Lab File: BM034959.D

Acq: 10 May 2022 11:53

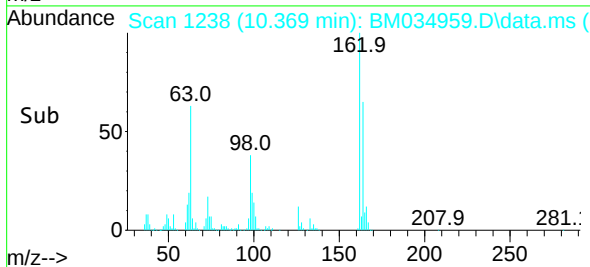
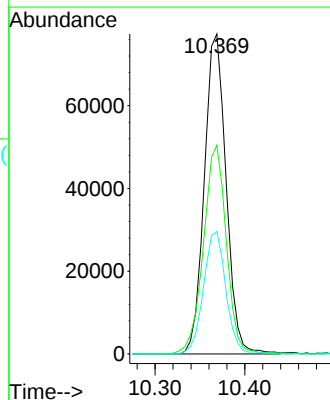
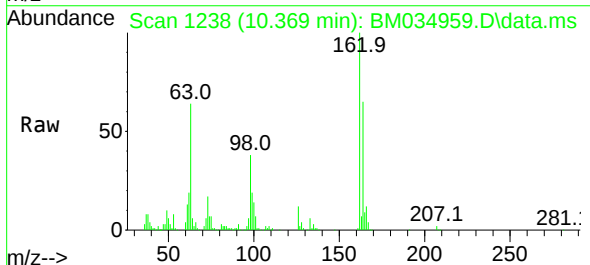
Tgt Ion:162 Resp: 130535

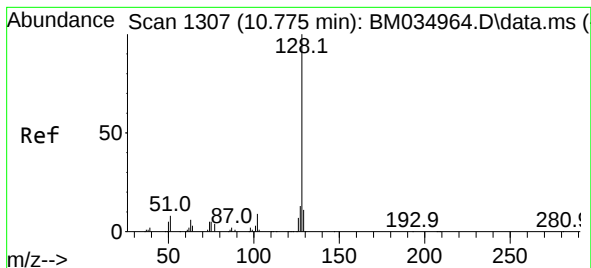
Ion Ratio Lower Upper

162 100

164 65.2 53.0 79.4

98 38.2 27.4 41.0

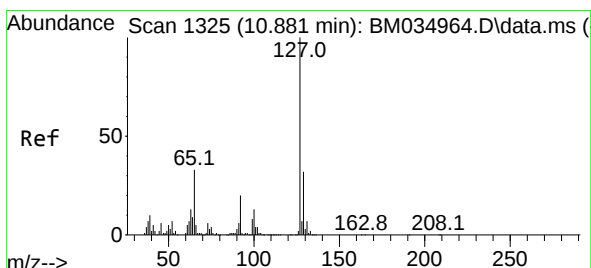
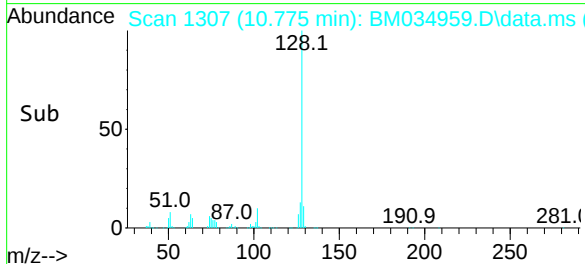
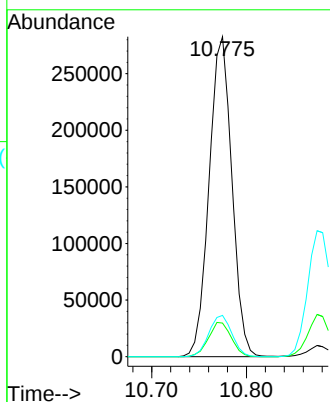
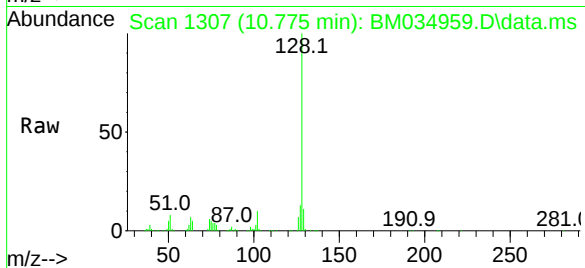




#30
Naphthalene
Concen: 10.135 ng/ul
RT: 10.775 min Scan# 1307
Delta R.T. 0.000 min
Lab File: BM034959.D
Acq: 10 May 2022 11:53

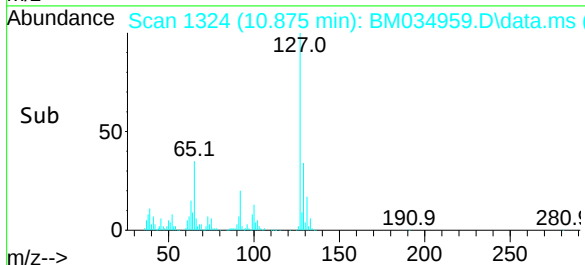
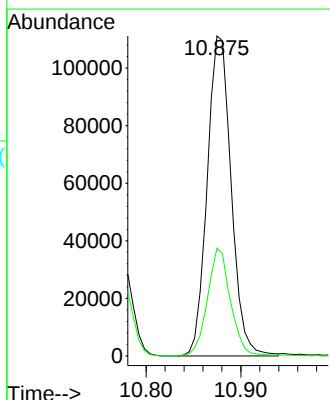
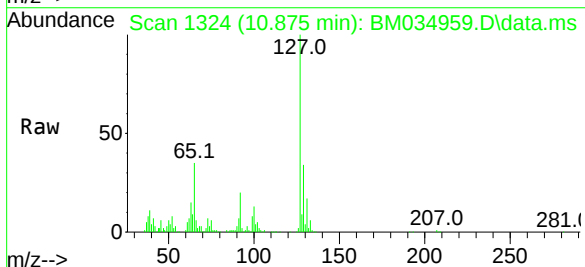
Instrument :
BNA_M
ClientSampleId :
SSTD010033

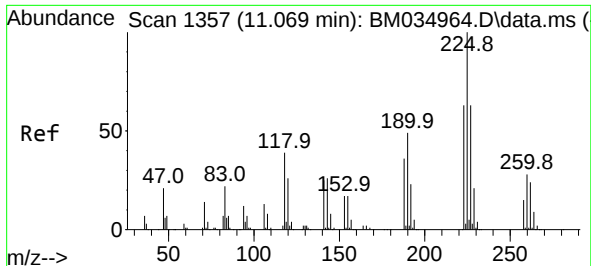
Tgt Ion:128 Resp: 472944
Ion Ratio Lower Upper
128 100
129 10.5 9.1 13.7
127 12.9 10.6 16.0



#32
4-Chloroaniline
Concen: 9.978 ng/ul
RT: 10.875 min Scan# 1324
Delta R.T. -0.006 min
Lab File: BM034959.D
Acq: 10 May 2022 11:53

Tgt Ion:127 Resp: 195406
Ion Ratio Lower Upper
127 100
129 33.6 25.4 38.2

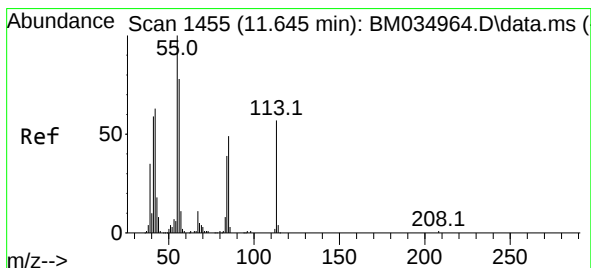
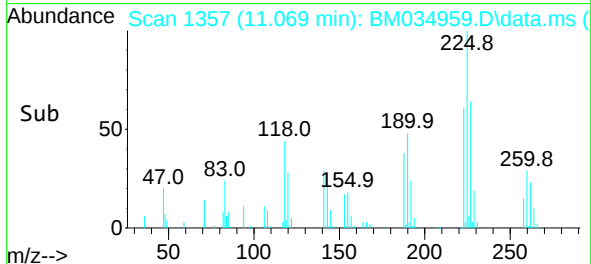
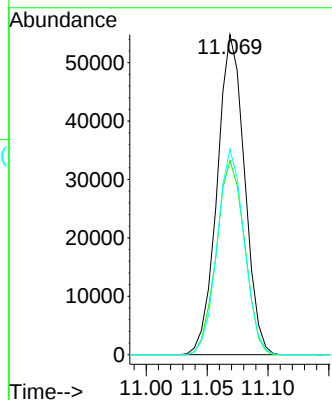
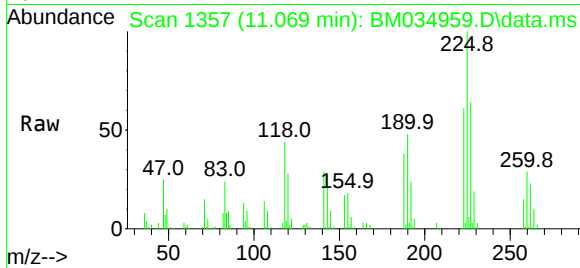




#33
Hexachlorobutadiene
Concen: 8.349 ng/ul
RT: 11.069 min Scan# 11
Delta R.T. 0.000 min
Lab File: BM034959.D
Acq: 10 May 2022 11:53

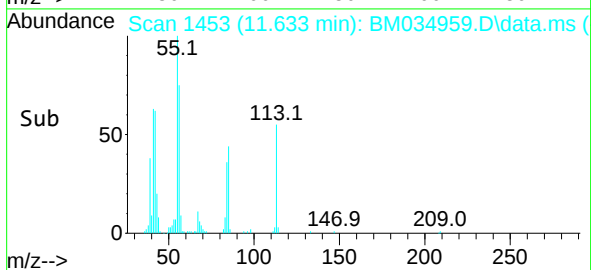
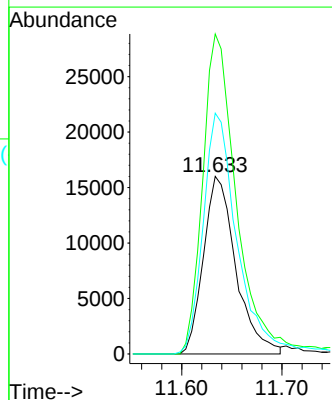
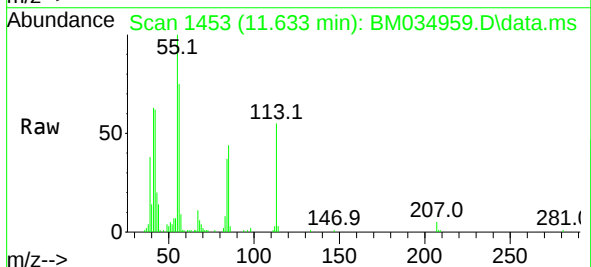
Instrument :
BNA_M
ClientSampleId :
SSTD010033

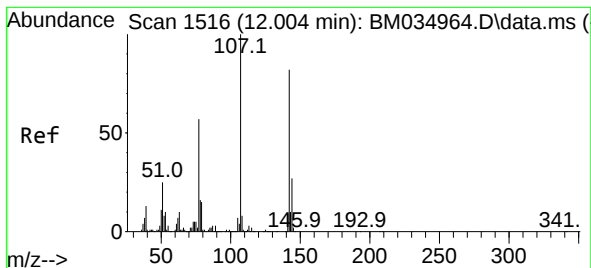
Tgt Ion:225 Resp: 85850
Ion Ratio Lower Upper
225 100
223 60.6 49.8 74.8
227 64.2 49.6 74.4



#34
Caprolactam
Concen: 10.163 ng/ul
RT: 11.633 min Scan# 1453
Delta R.T. -0.012 min
Lab File: BM034959.D
Acq: 10 May 2022 11:53

Tgt Ion:113 Resp: 36060
Ion Ratio Lower Upper
113 100
55 180.2 130.6 195.8
56 135.7 104.3 156.5

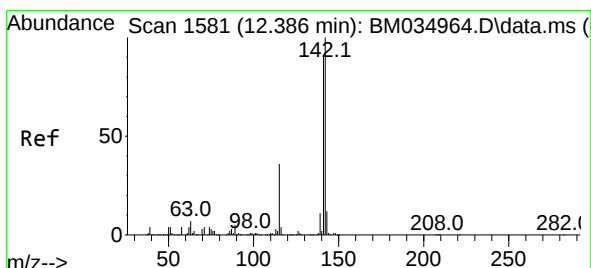
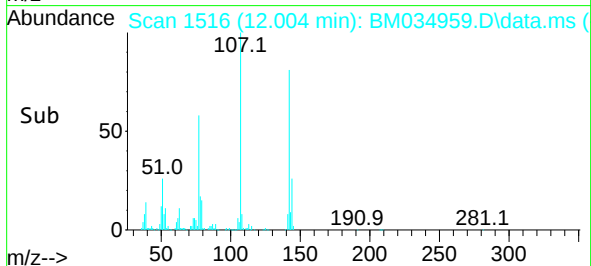
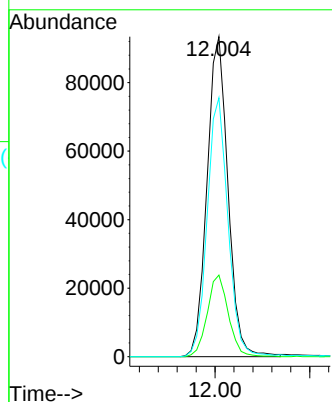
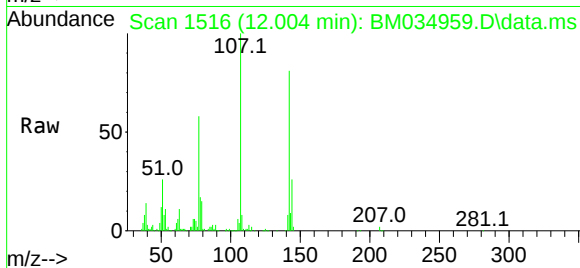




#35
4-Chloro-3-methylphenol
Concen: 10.655 ng/ul
RT: 12.004 min Scan# 1516
Delta R.T. 0.000 min
Lab File: BM034959.D
Acq: 10 May 2022 11:53

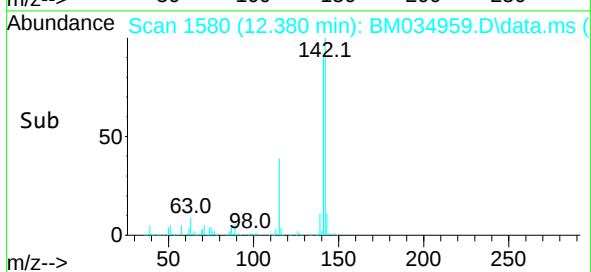
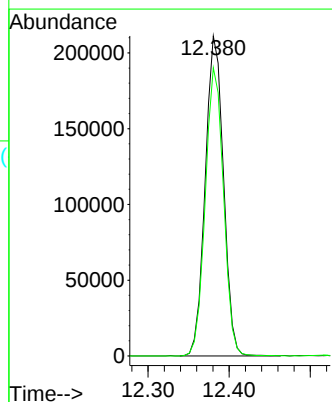
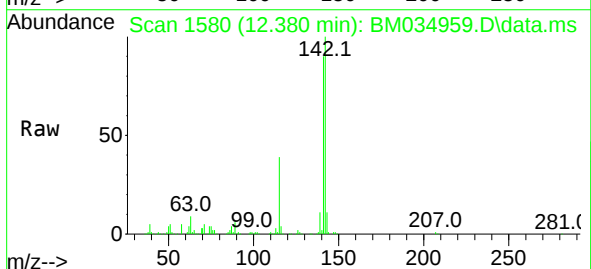
Instrument :
BNA_M
ClientSampleId :
SSTD010033

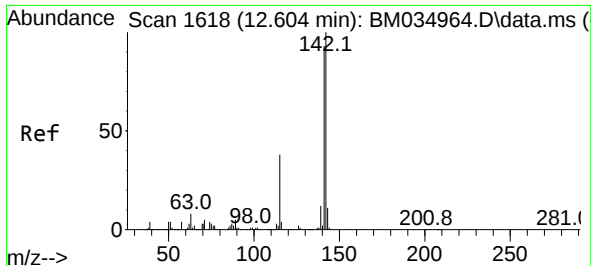
Tgt Ion:107 Resp: 143683
Ion Ratio Lower Upper
107 100
144 25.5 21.5 32.3
142 80.9 66.8 100.2



#36
2-Methylnaphthalene
Concen: 10.172 ng/ul
RT: 12.380 min Scan# 1580
Delta R.T. -0.006 min
Lab File: BM034959.D
Acq: 10 May 2022 11:53

Tgt Ion:142 Resp: 328979
Ion Ratio Lower Upper
142 100
141 90.1 72.2 108.2





#37

1-Methylnaphthalene

Concen: 10.273 ng/ul

RT: 12.598 min Scan# 1

Delta R.T. -0.006 min

Lab File: BM034959.D

Acq: 10 May 2022 11:53

Instrument :

BNA_M

ClientSampleId :

SSTD010033

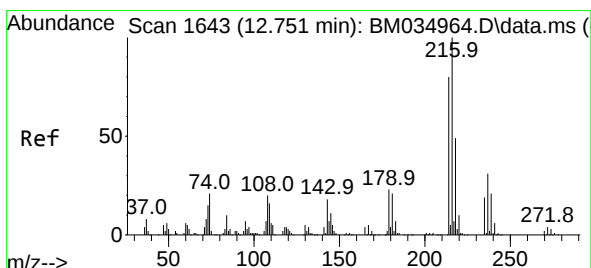
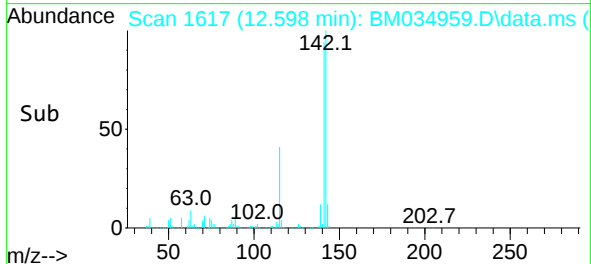
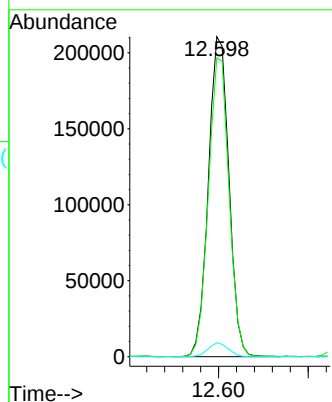
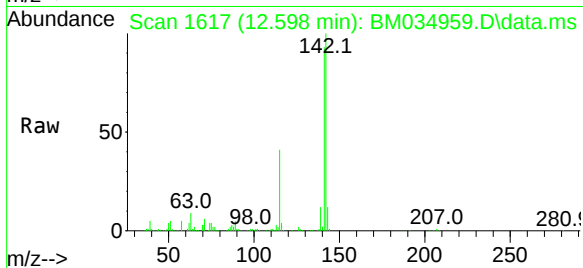
Tgt Ion:142 Resp: 334327

Ion Ratio Lower Upper

142 100

141 93.4 73.0 109.4

116 4.4 3.2 4.8



#39

1,2,4,5-Tetrachlorobenzene

Concen: 8.486 ng/ul

RT: 12.751 min Scan# 1643

Delta R.T. 0.000 min

Lab File: BM034959.D

Acq: 10 May 2022 11:53

Tgt Ion:216 Resp: 159787

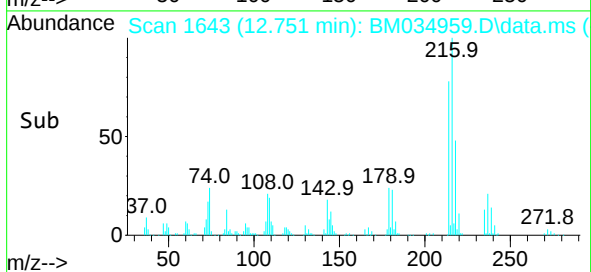
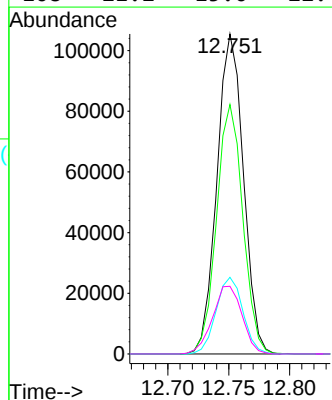
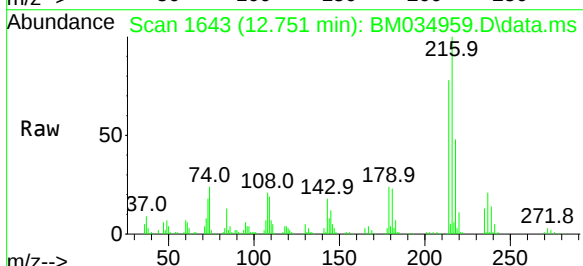
Ion Ratio Lower Upper

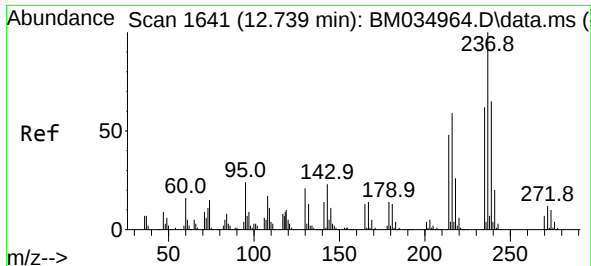
216 100

214 78.0 64.5 96.7

179 24.0 17.9 26.9

108 21.2 15.0 22.4

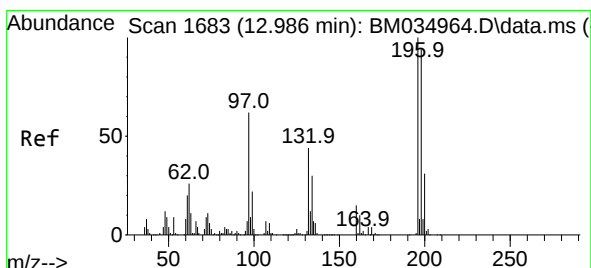
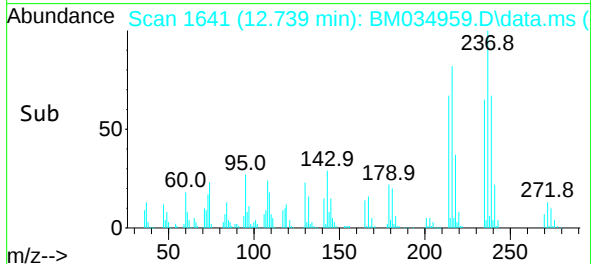
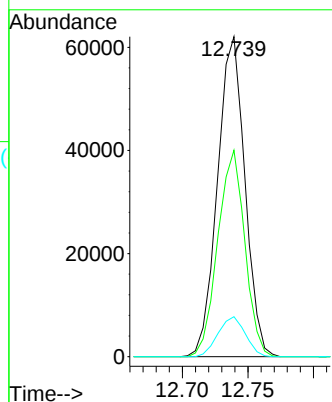
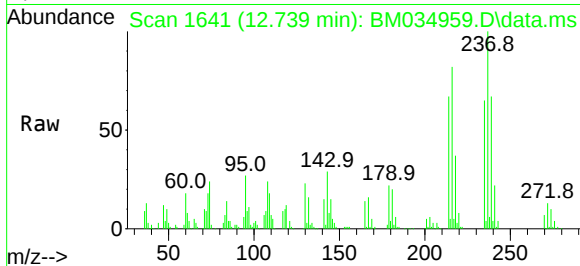




#40
Hexachlorocyclopentadiene
Concen: 6.619 ng/ul
RT: 12.739 min Scan# 1641
Delta R.T. 0.000 min
Lab File: BM034959.D
Acq: 10 May 2022 11:53

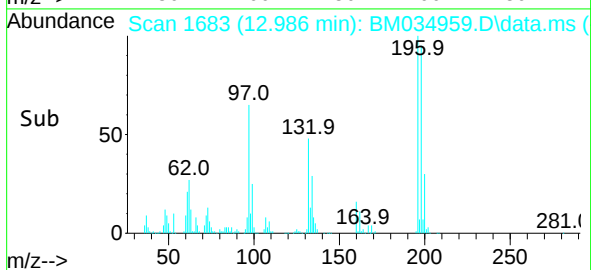
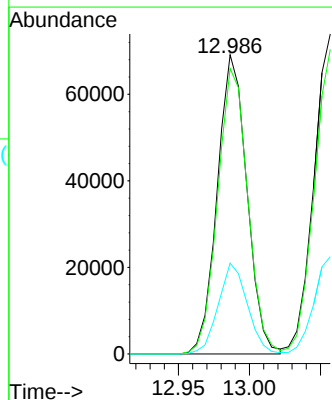
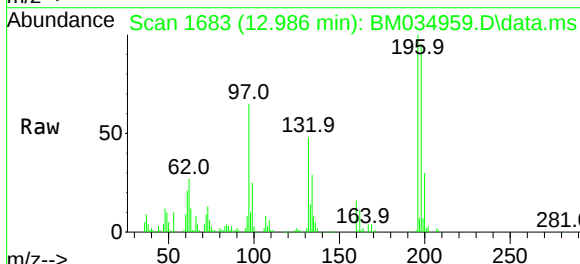
Instrument :
BNA_M
ClientSampleId :
SSTD010033

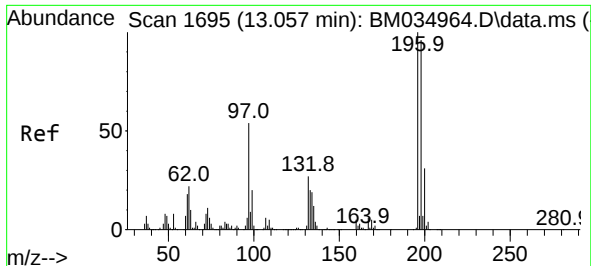
Tgt Ion:237 Resp: 90224
Ion Ratio Lower Upper
237 100
235 64.5 49.2 73.8
272 13.2 10.0 15.0



#41
2,4,6-Trichlorophenol
Concen: 8.861 ng/ul
RT: 12.986 min Scan# 1683
Delta R.T. 0.000 min
Lab File: BM034959.D
Acq: 10 May 2022 11:53

Tgt Ion:196 Resp: 100357
Ion Ratio Lower Upper
196 100
198 95.4 78.5 117.7
200 30.4 25.0 37.6

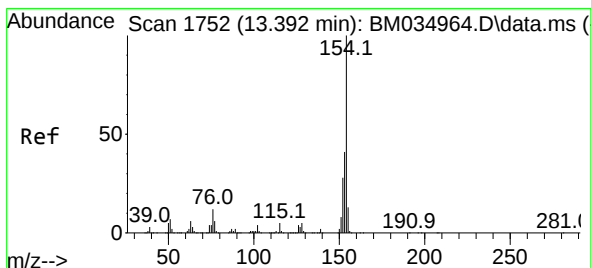
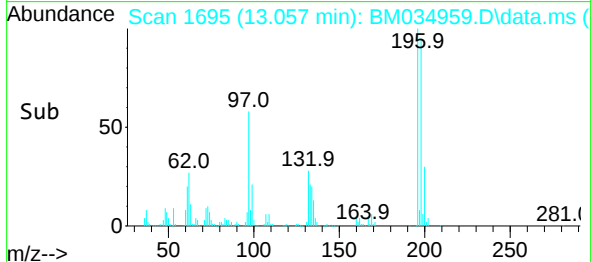
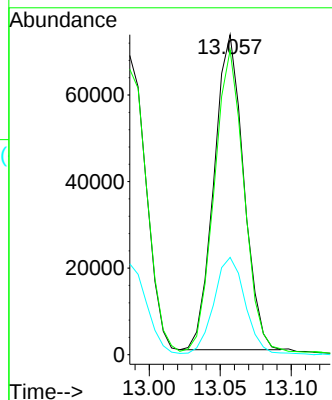
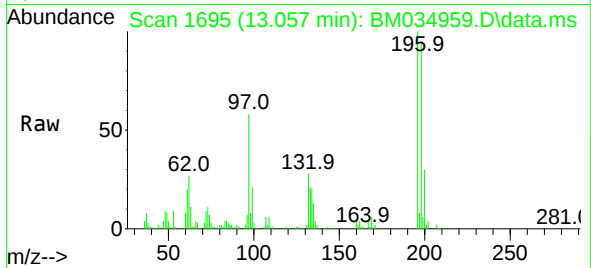




#42
2,4,5-Trichlorophenol
Concen: 8.705 ng/ul
RT: 13.057 min Scan# 1695
Delta R.T. 0.000 min
Lab File: BM034959.D
Acq: 10 May 2022 11:53

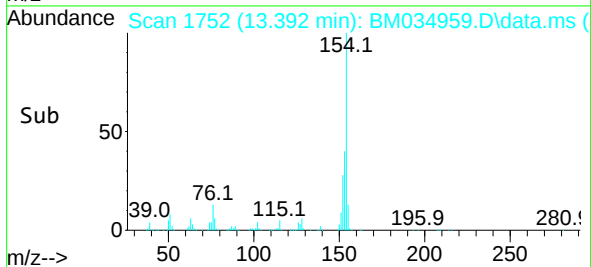
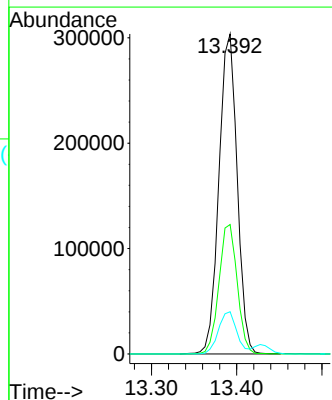
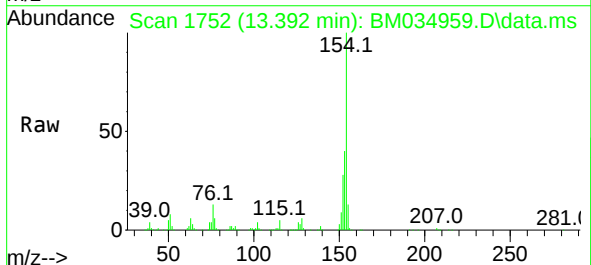
Instrument :
BNA_M
ClientSampleId :
SSTD010033

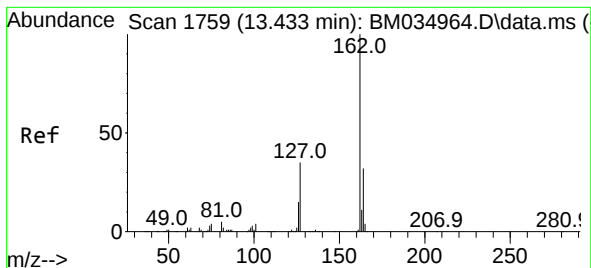
Tgt Ion:196 Resp: 105478
Ion Ratio Lower Upper
196 100
198 95.2 77.7 116.5
200 30.4 25.0 37.4



#43
1,1'-Biphenyl
Concen: 9.869 ng/ul
RT: 13.392 min Scan# 1752
Delta R.T. 0.000 min
Lab File: BM034959.D
Acq: 10 May 2022 11:53

Tgt Ion:154 Resp: 451100
Ion Ratio Lower Upper
154 100
153 40.5 32.2 48.2
76 13.2 8.6 12.8#





#44

2-Chloronaphthalene

Concen: 9.693 ng/ul

RT: 13.427 min Scan# 1758

Delta R.T. -0.006 min

Lab File: BM034959.D

Acq: 10 May 2022 11:53

Instrument :

BNA_M

ClientSampleId :

SSTD010033

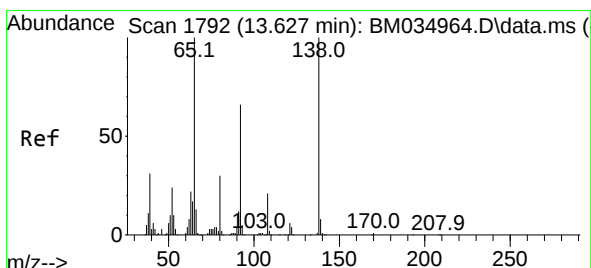
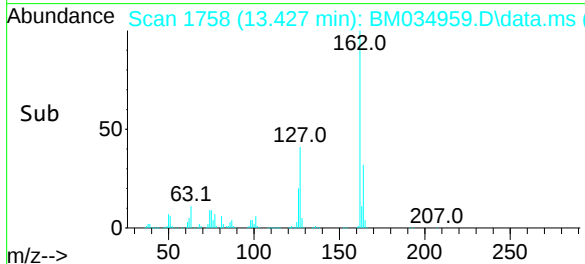
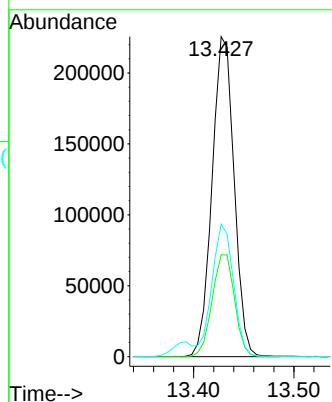
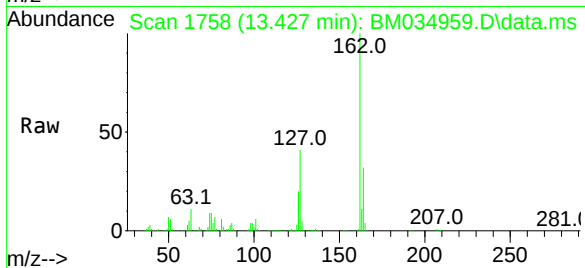
Tgt Ion:162 Resp: 345063

Ion Ratio Lower Upper

162 100

164 31.9 25.7 38.5

127 41.4 29.8 44.8



#45

2-Nitroaniline

Concen: 12.156 ng/ul

RT: 13.627 min Scan# 1792

Delta R.T. 0.000 min

Lab File: BM034959.D

Acq: 10 May 2022 11:53

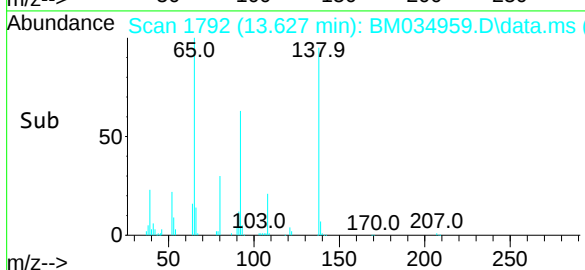
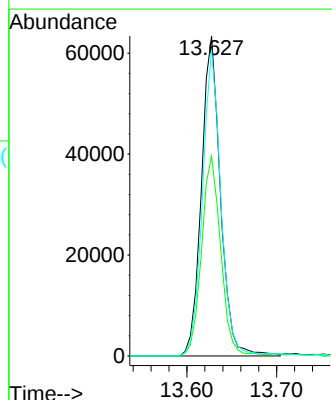
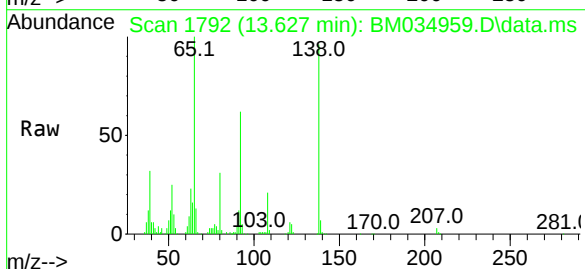
Tgt Ion: 65 Resp: 93297

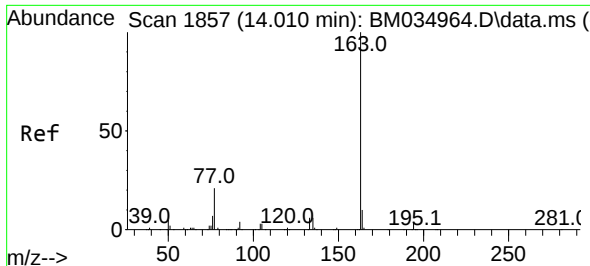
Ion Ratio Lower Upper

65 100

92 62.4 55.9 83.9

138 95.7 87.3 130.9

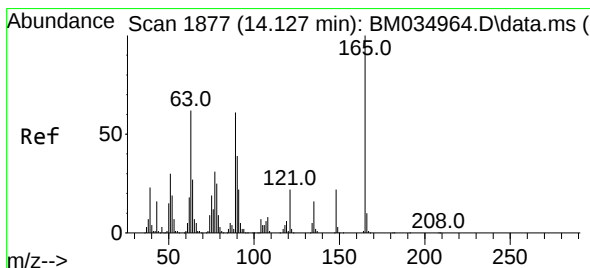
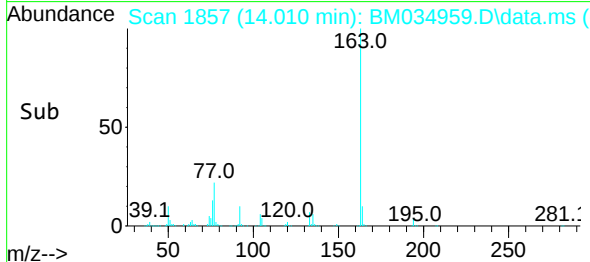
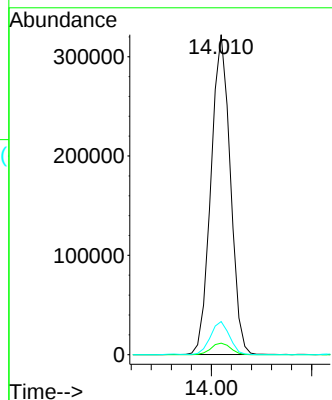
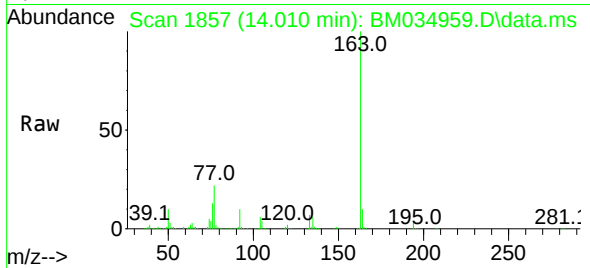




#47
Dimethylphthalate
Concen: 10.230 ng/ul
RT: 14.010 min Scan# 1857
Delta R.T. 0.000 min
Lab File: BM034959.D
Acq: 10 May 2022 11:53

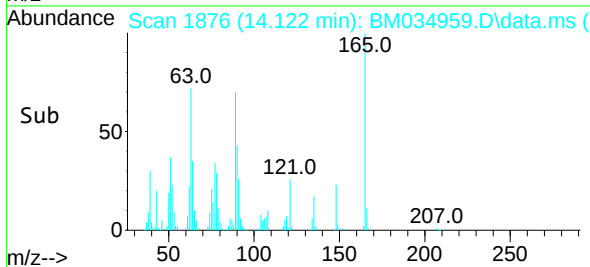
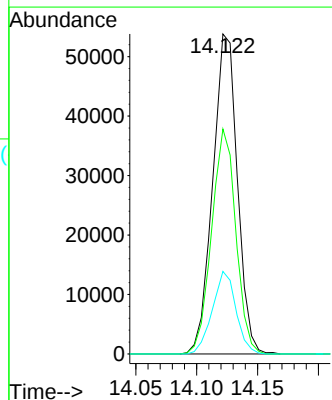
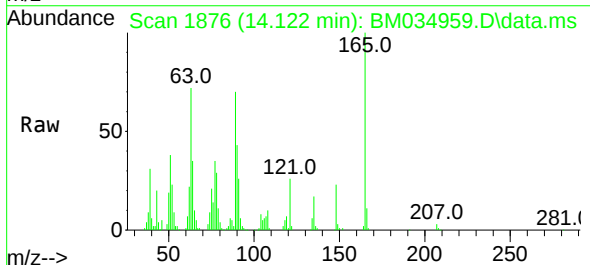
Instrument :
BNA_M
ClientSampleId :
SSTD010033

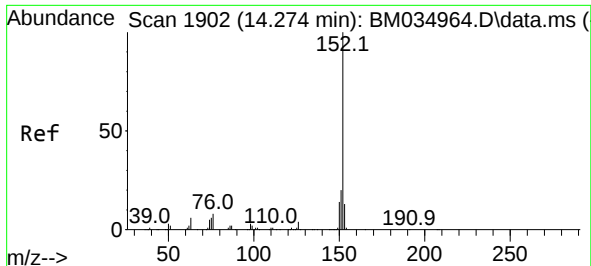
Tgt Ion:163 Resp: 431185
Ion Ratio Lower Upper
163 100
194 3.6 3.4 5.0
164 10.4 8.2 12.4



#48
2,6-Dinitrotoluene
Concen: 9.972 ng/ul
RT: 14.122 min Scan# 1876
Delta R.T. -0.006 min
Lab File: BM034959.D
Acq: 10 May 2022 11:53

Tgt Ion:165 Resp: 75759
Ion Ratio Lower Upper
165 100
89 70.3 43.1 64.7#
121 25.8 16.6 24.8#

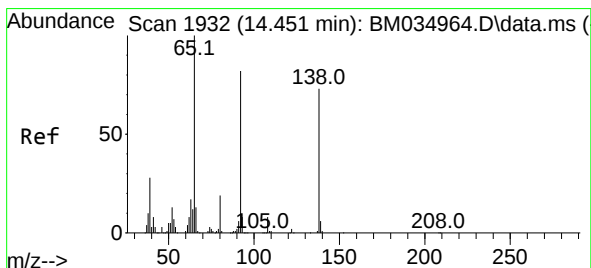
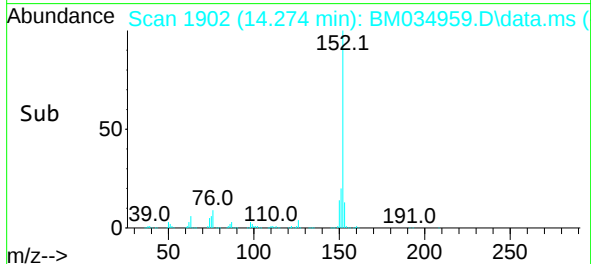
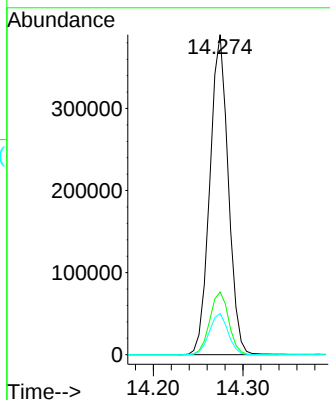
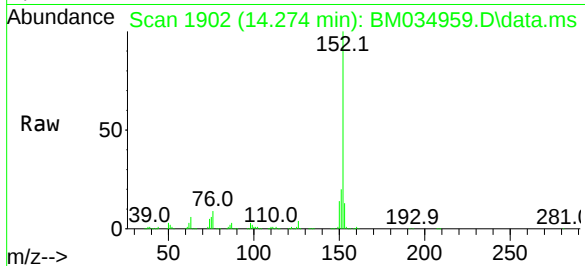




#50
Acenaphthylene
Concen: 10.081 ng/ul
RT: 14.274 min Scan# 1902
Delta R.T. 0.000 min
Lab File: BM034959.D
Acq: 10 May 2022 11:53

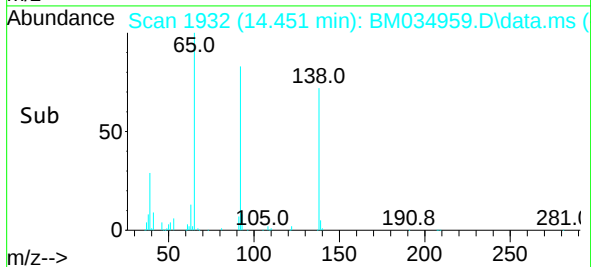
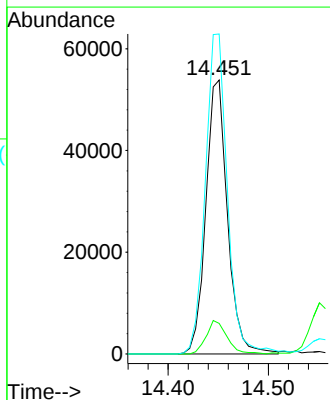
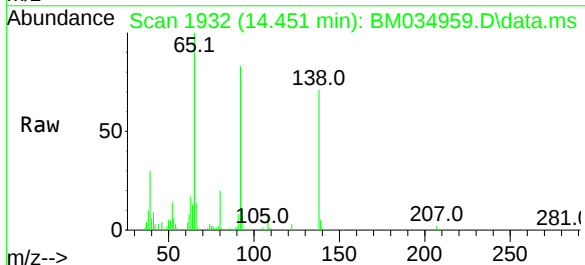
Instrument :
BNA_M
ClientSampleId :
SSTD010033

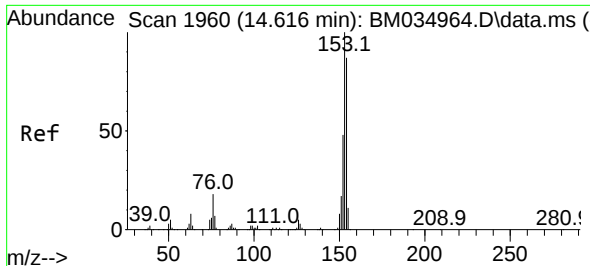
Tgt Ion:152 Resp: 556602
Ion Ratio Lower Upper
152 100
151 19.6 15.3 22.9
153 12.9 10.2 15.4



#51
3-Nitroaniline
Concen: 12.010 ng/ul
RT: 14.451 min Scan# 1932
Delta R.T. 0.000 min
Lab File: BM034959.D
Acq: 10 May 2022 11:53

Tgt Ion:138 Resp: 81042
Ion Ratio Lower Upper
138 100
108 11.2 10.2 15.4
92 116.8 85.4 128.0

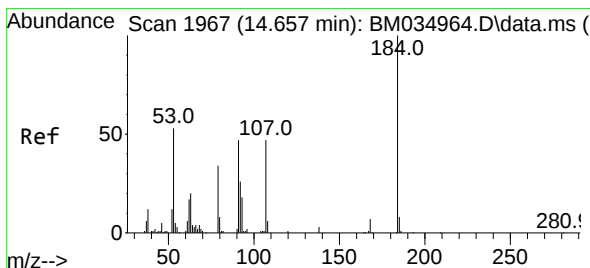
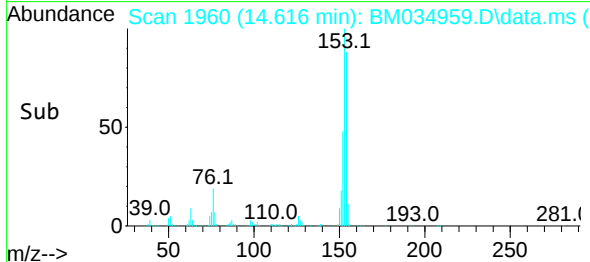
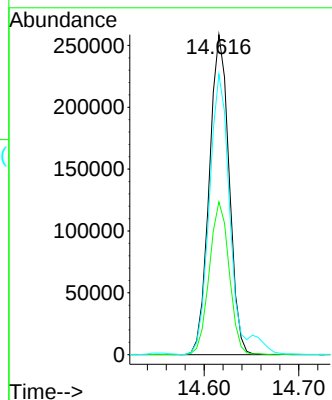
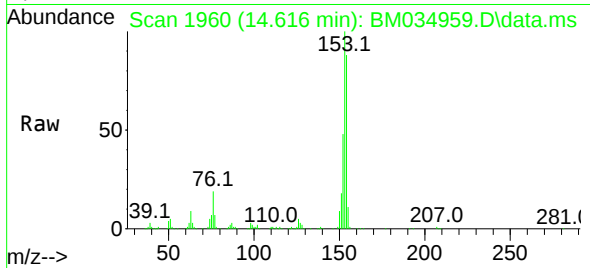




#52
Acenaphthene
Concen: 10.311 ng/ul
RT: 14.616 min Scan# 1960
Delta R.T. 0.000 min
Lab File: BM034959.D
Acq: 10 May 2022 11:53

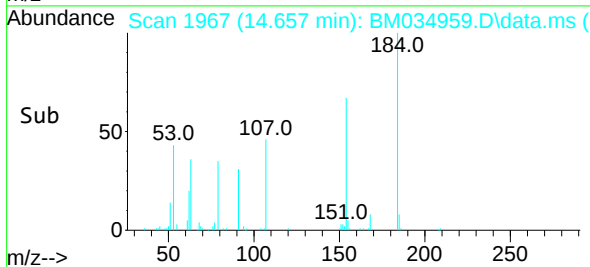
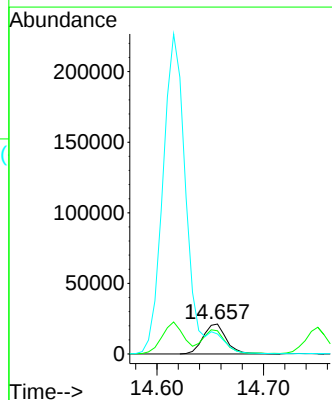
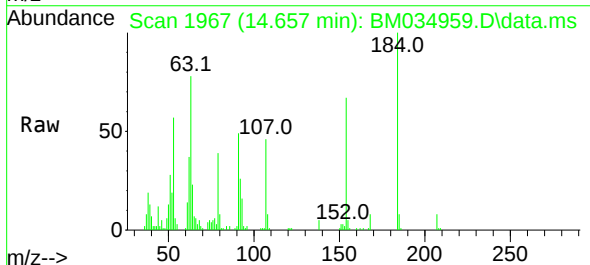
Instrument :
BNA_M
ClientSampleId :
SSTD010033

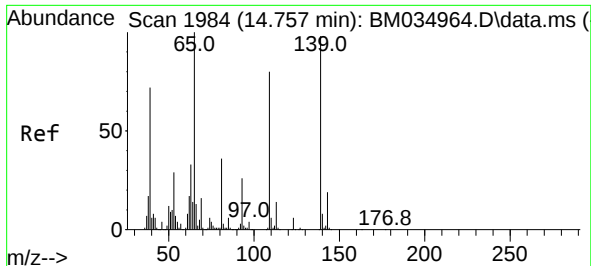
Tgt Ion:153 Resp: 375182
Ion Ratio Lower Upper
153 100
152 47.7 37.5 56.3
154 87.6 71.0 106.4



#53
2,4-Dinitrophenol
Concen: 7.261 ng/ul
RT: 14.657 min Scan# 1967
Delta R.T. 0.000 min
Lab File: BM034959.D
Acq: 10 May 2022 11:53

Tgt Ion:184 Resp: 32142
Ion Ratio Lower Upper
184 100
63 77.6 51.8 77.6
154 66.6 54.3 81.5

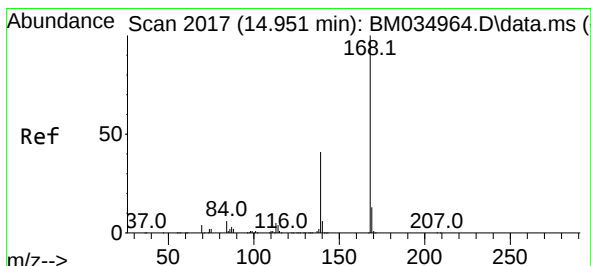
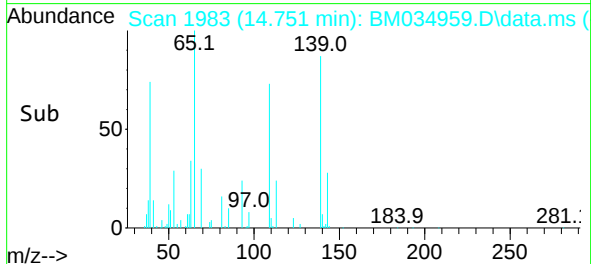
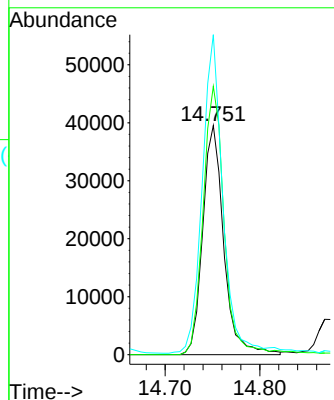
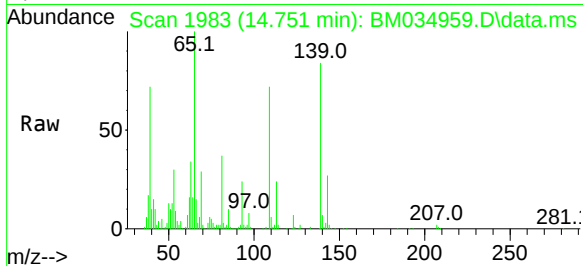




#55
4-Nitrophenol
Concen: 10.614 ng/ul
RT: 14.751 min Scan# 1984
Delta R.T. -0.006 min
Lab File: BM034959.D
Acq: 10 May 2022 11:53

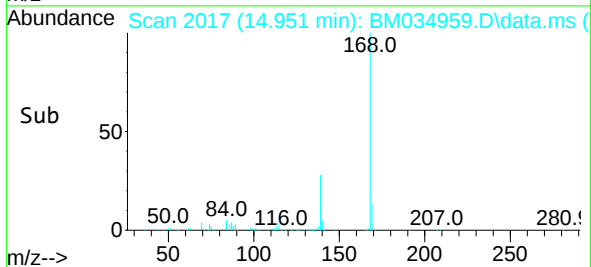
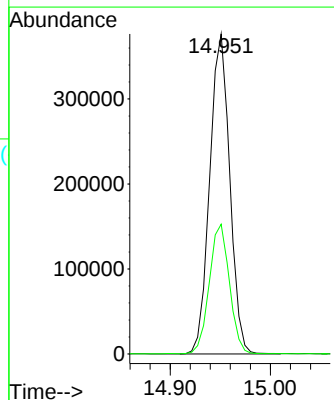
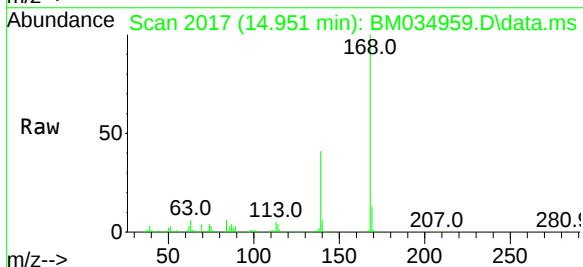
Instrument :
BNA_M
ClientSampleId :
SSTD010033

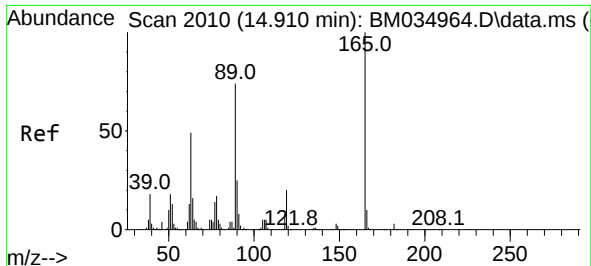
Tgt Ion:109 Resp: 60874
Ion Ratio Lower Upper
109 100
139 117.1 104.6 156.8
65 139.6 100.6 150.8



#56
Dibenzofuran
Concen: 10.116 ng/ul
RT: 14.951 min Scan# 2017
Delta R.T. 0.000 min
Lab File: BM034959.D
Acq: 10 May 2022 11:53

Tgt Ion:168 Resp: 523684
Ion Ratio Lower Upper
168 100
139 40.6 30.0 45.0

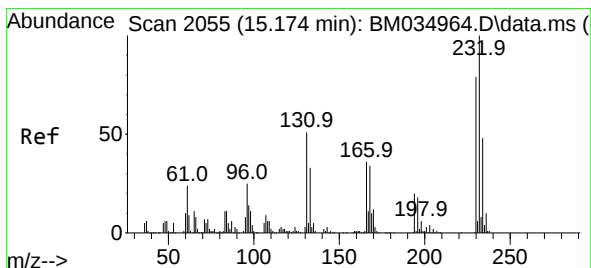
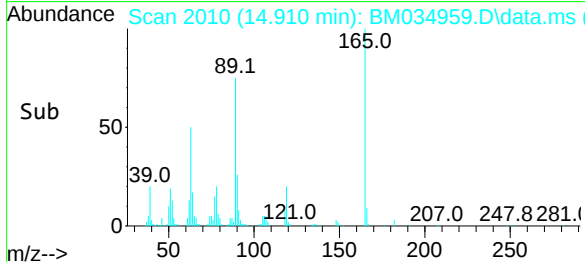
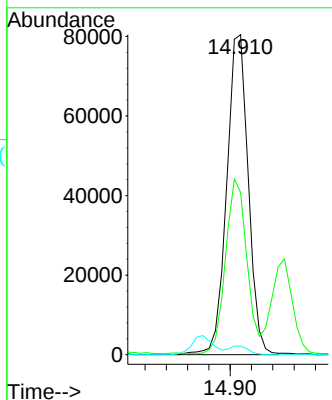
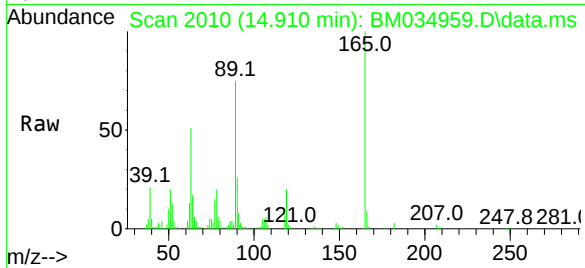




#57
 2,4-Dinitrotoluene
 Concen: 10.601 ng/ul
 RT: 14.910 min Scan# 2010
 Delta R.T. 0.000 min
 Lab File: BM034959.D
 Acq: 10 May 2022 11:53

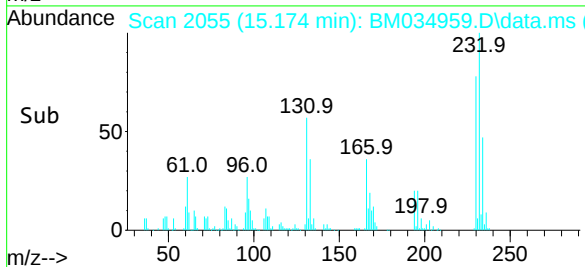
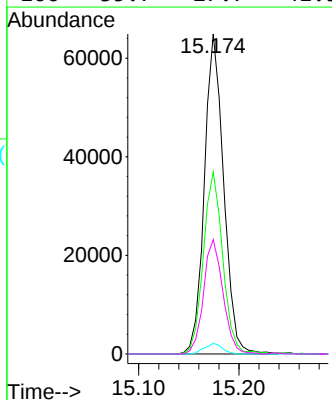
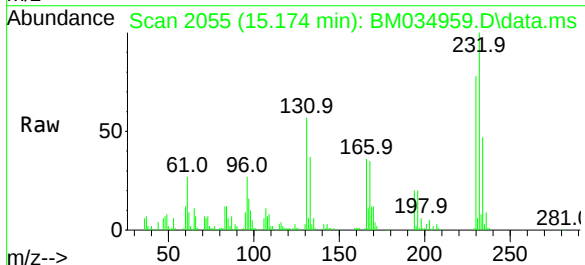
Instrument :
 BNA_M
 ClientSampleId :
 SST010033

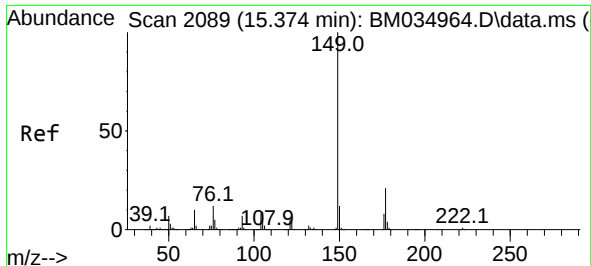
Tgt Ion:165 Resp: 113098
 Ion Ratio Lower Upper
 165 100
 63 50.7 34.2 51.4
 182 2.7 2.2 3.2



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 9.033 ng/ul
 RT: 15.174 min Scan# 2055
 Delta R.T. 0.000 min
 Lab File: BM034959.D
 Acq: 10 May 2022 11:53

Tgt Ion:232 Resp: 87073
 Ion Ratio Lower Upper
 232 100
 131 56.8 39.6 59.4
 130 3.3 2.1 3.1#
 166 35.7 27.7 41.5

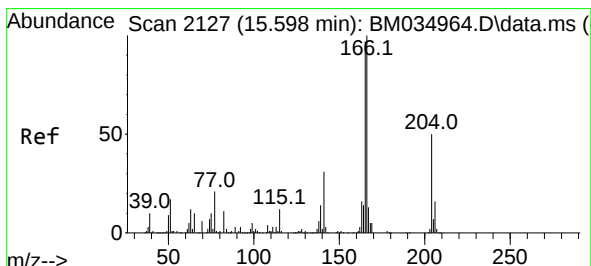
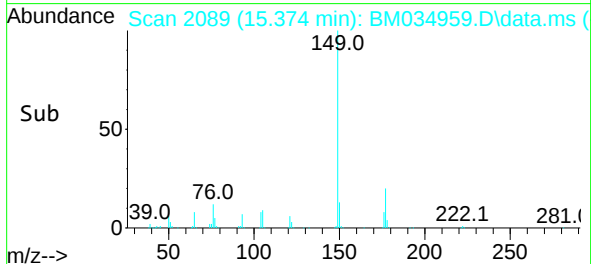
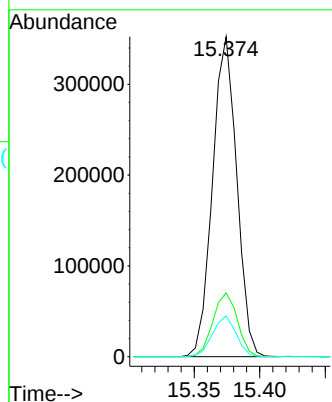
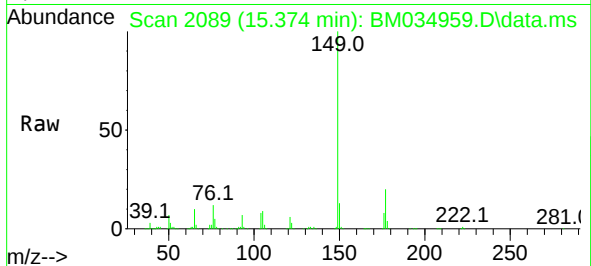




#59
Diethylphthalate
Concen: 10.944 ng/ul
RT: 15.374 min Scan# 2089
Delta R.T. 0.000 min
Lab File: BM034959.D
Acq: 10 May 2022 11:53

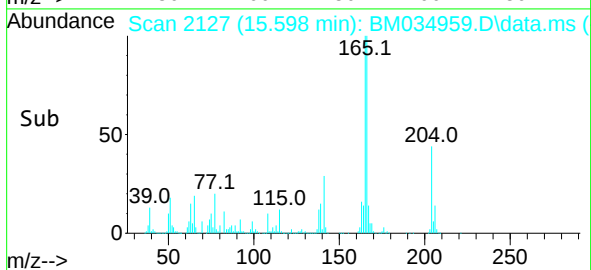
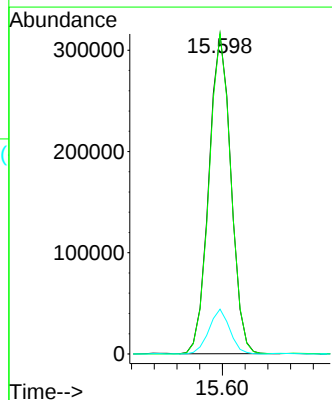
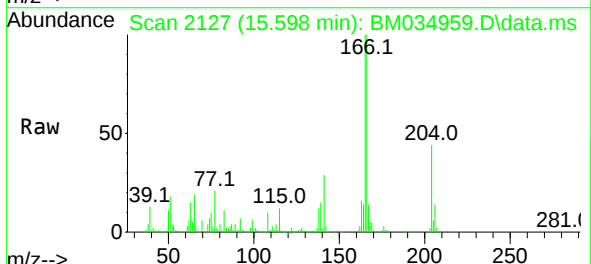
Instrument :
BNA_M
ClientSampleId :
SSTD010033

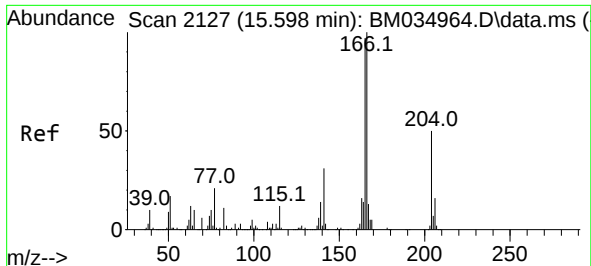
Tgt Ion:149 Resp: 452172
Ion Ratio Lower Upper
149 100
177 20.0 17.2 25.8
150 12.7 9.8 14.6



#61
Fluorene
Concen: 10.214 ng/ul
RT: 15.598 min Scan# 2127
Delta R.T. 0.000 min
Lab File: BM034959.D
Acq: 10 May 2022 11:53

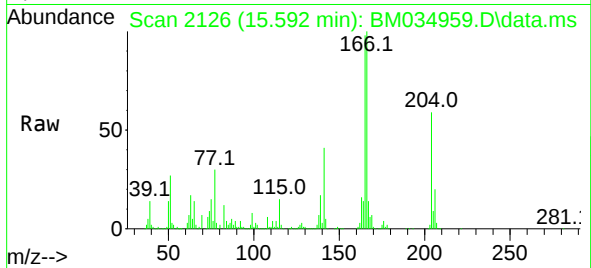
Tgt Ion:166 Resp: 425600
Ion Ratio Lower Upper
166 100
165 100.1 77.9 116.9
167 14.0 10.3 15.5



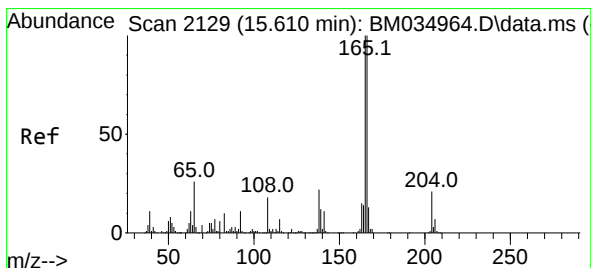
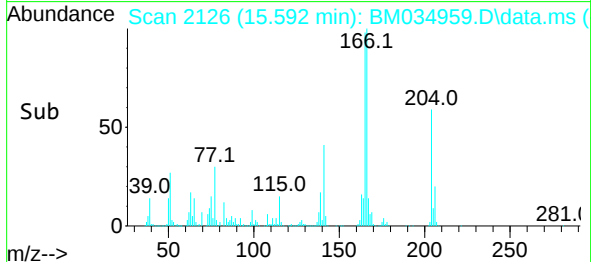
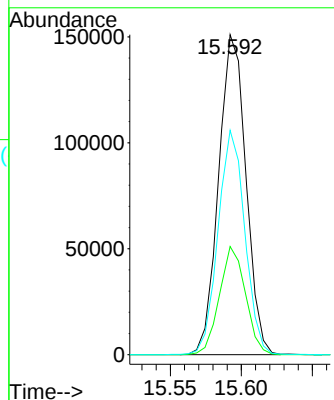


#62
4-Chlorophenyl-phenylether
Concen: 9.433 ng/ul
RT: 15.592 min Scan# 2126
Delta R.T. -0.006 min
Lab File: BM034959.D
Acq: 10 May 2022 11:53

Instrument :
BNA_M
ClientSampleId :
SSTD010033

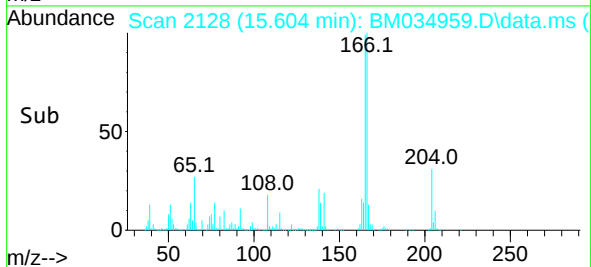
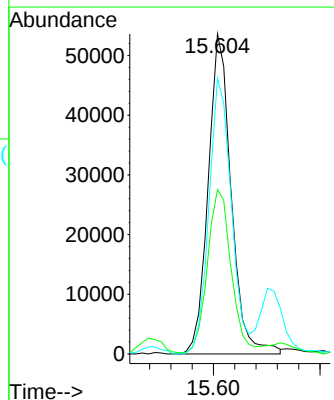
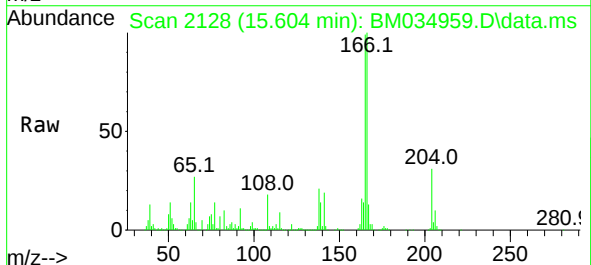


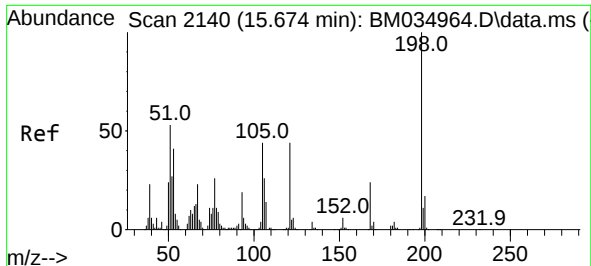
Tgt Ion:204 Resp: 202157
Ion Ratio Lower Upper
204 100
206 33.8 26.2 39.4
141 70.1 49.5 74.3



#63
4-Nitroaniline
Concen: 13.613 ng/ul
RT: 15.604 min Scan# 2128
Delta R.T. -0.006 min
Lab File: BM034959.D
Acq: 10 May 2022 11:53

Tgt Ion:138 Resp: 80583
Ion Ratio Lower Upper
138 100
92 51.4 37.2 55.8
108 86.2 58.4 87.6

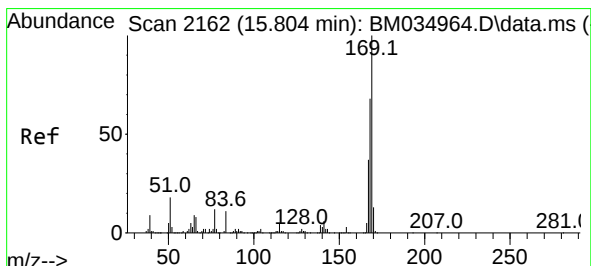
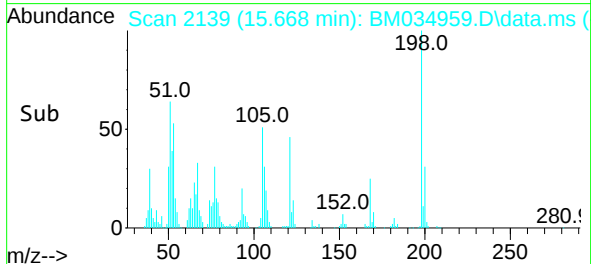
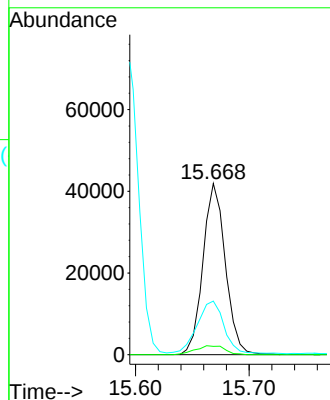
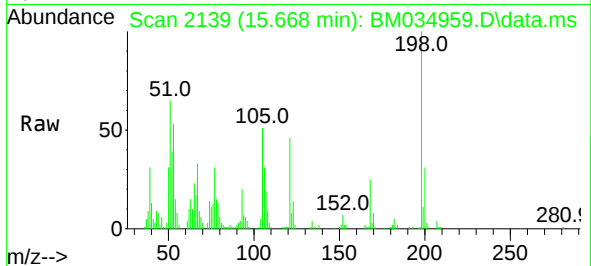




#66
4,6-Dinitro-2-methylphenol
Concen: 8.520 ng/ul
RT: 15.668 min Scan# 2139
Delta R.T. -0.006 min
Lab File: BM034959.D
Acq: 10 May 2022 11:53

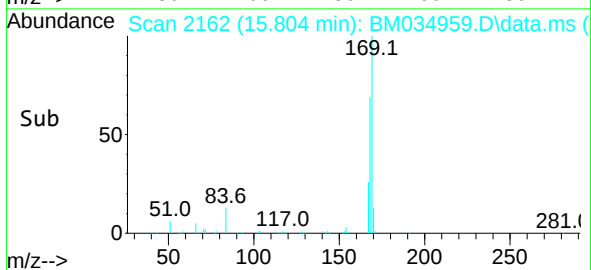
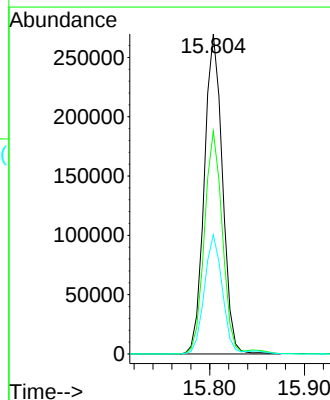
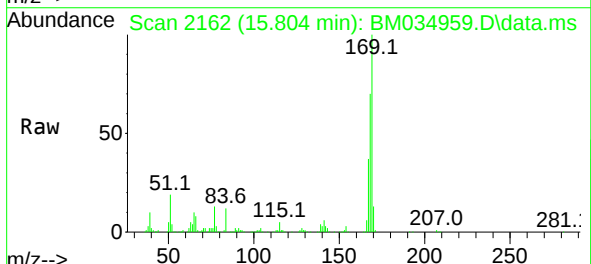
Instrument :
BNA_M
ClientSampleId :
SSTD010033

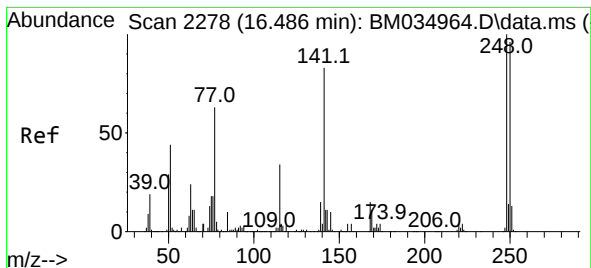
Tgt Ion:198 Resp: 57442
Ion Ratio Lower Upper
198 100
182 4.8 4.6 6.8
77 31.3 22.2 33.2



#67
N-Nitrosodiphenylamine
Concen: 9.982 ng/ul
RT: 15.804 min Scan# 2162
Delta R.T. 0.000 min
Lab File: BM034959.D
Acq: 10 May 2022 11:53

Tgt Ion:169 Resp: 359737
Ion Ratio Lower Upper
169 100
168 69.6 54.8 82.2
167 37.2 28.9 43.3

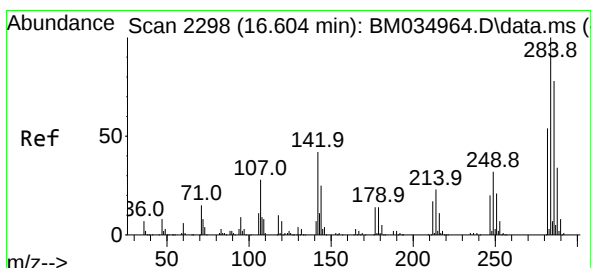
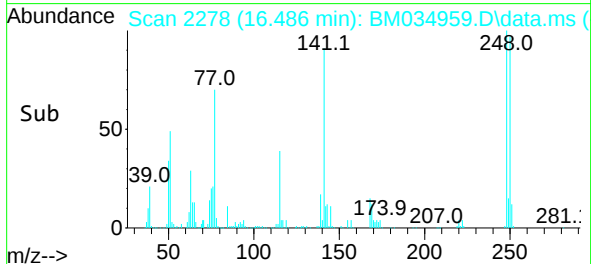
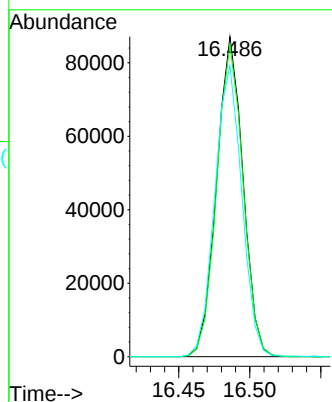
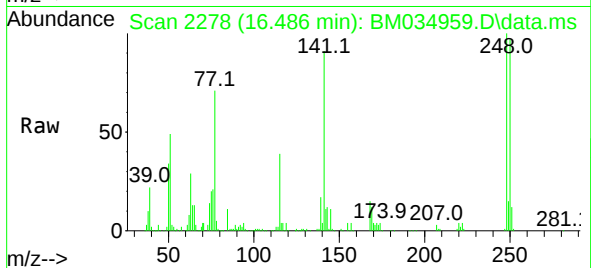




#68
4-Bromophenyl-phenylether
Concen: 8.728 ng/ul
RT: 16.486 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM034959.D
Acq: 10 May 2022 11:53

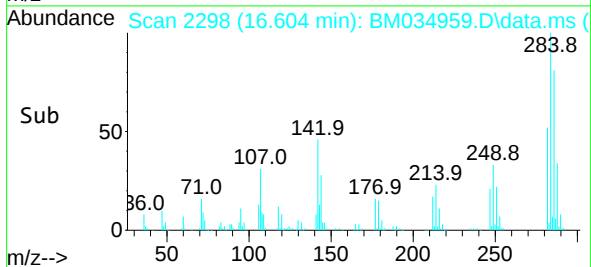
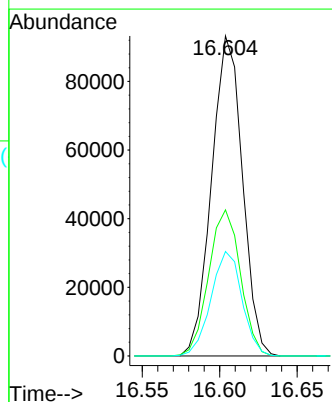
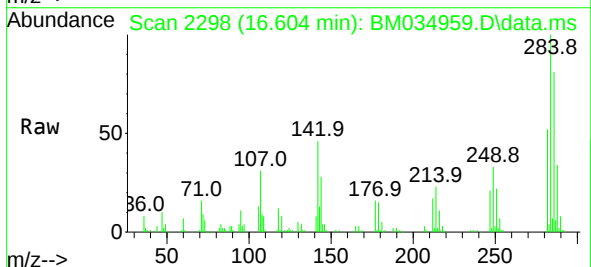
Instrument :
BNA_M
ClientSampleId :
SSTD010033

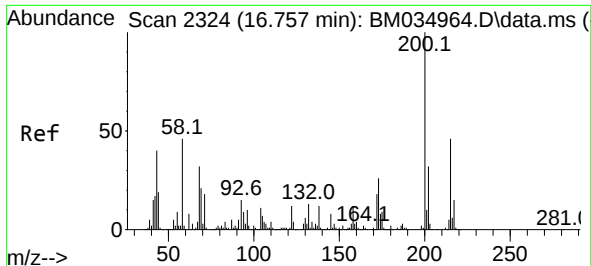
Tgt Ion:248 Resp: 112419
Ion Ratio Lower Upper
248 100
250 97.4 77.9 116.9
141 91.0 61.0 91.4



#69
Hexachlorobenzene
Concen: 8.766 ng/ul
RT: 16.604 min Scan# 2298
Delta R.T. 0.000 min
Lab File: BM034959.D
Acq: 10 May 2022 11:53

Tgt Ion:284 Resp: 129021
Ion Ratio Lower Upper
284 100
142 45.7 31.2 46.8
249 32.7 25.9 38.9

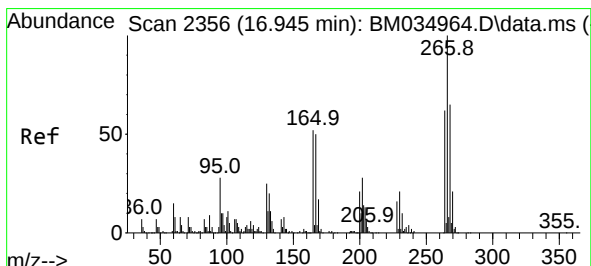
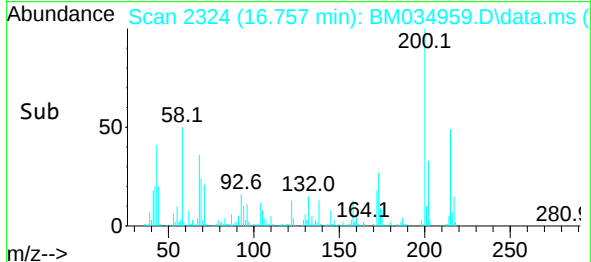
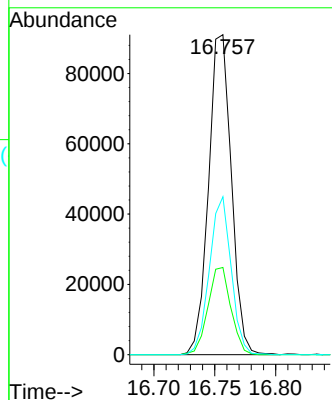
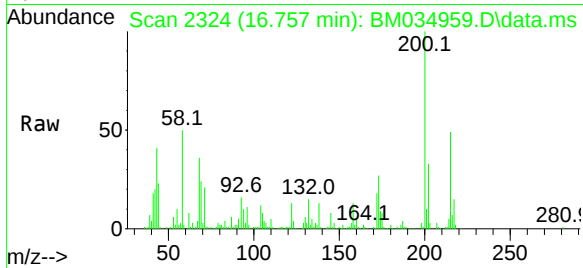




#70
Atrazine
Concen: 8.985 ng/ul
RT: 16.757 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM034959.D
Acq: 10 May 2022 11:53

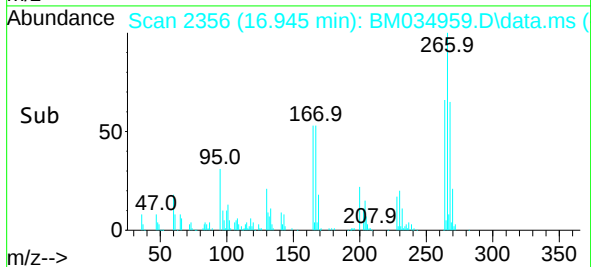
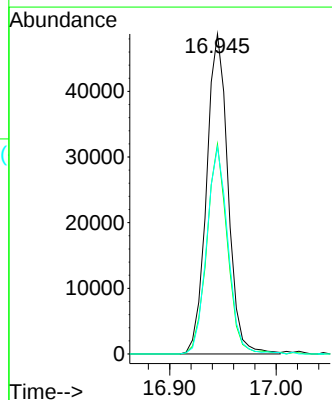
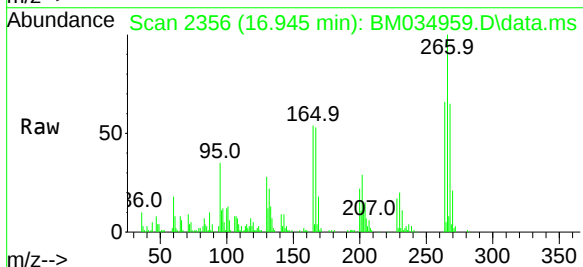
Instrument :
BNA_M
ClientSampleId :
SSTD010033

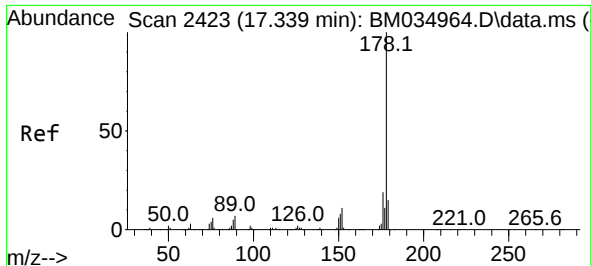
Tgt Ion:200 Resp: 119094
Ion Ratio Lower Upper
200 100
173 27.2 21.3 31.9
215 49.4 37.1 55.7



#71
Pentachlorophenol
Concen: 7.129 ng/ul
RT: 16.945 min Scan# 2356
Delta R.T. 0.000 min
Lab File: BM034959.D
Acq: 10 May 2022 11:53

Tgt Ion:266 Resp: 68130
Ion Ratio Lower Upper
266 100
264 65.6 48.4 72.6
268 64.7 50.6 76.0

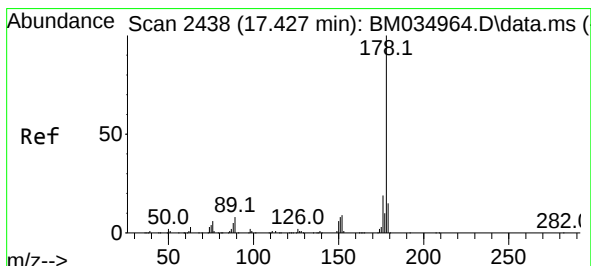
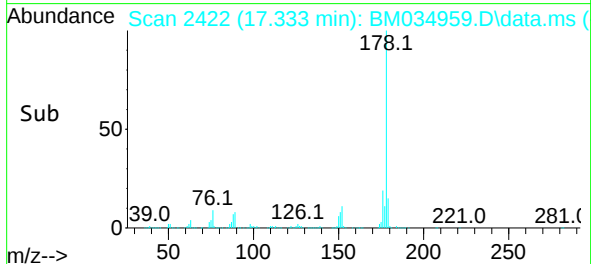
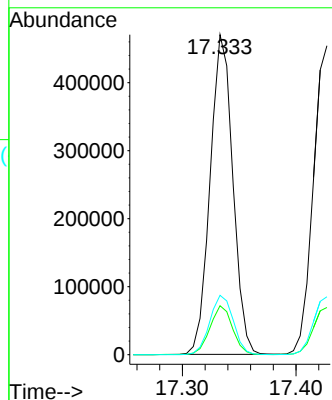
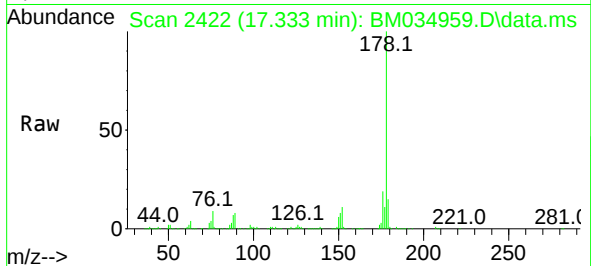




#72
Phenanthrene
Concen: 10.143 ng/u1
RT: 17.333 min Scan# 2422
Delta R.T. -0.006 min
Lab File: BM034959.D
Acq: 10 May 2022 11:53

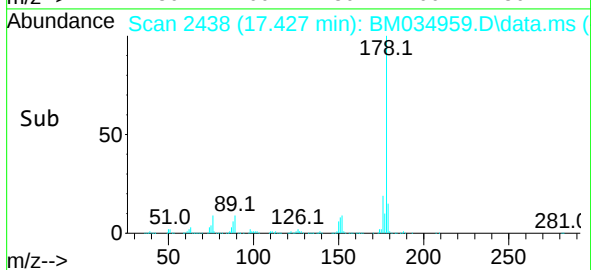
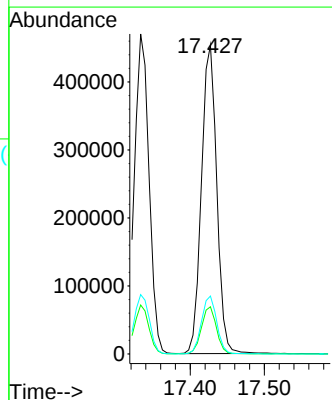
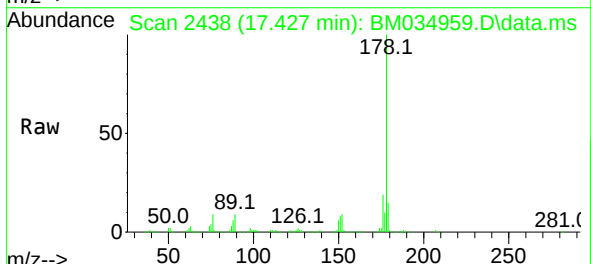
Instrument :
BNA_M
ClientSampleId :
SSTD010033

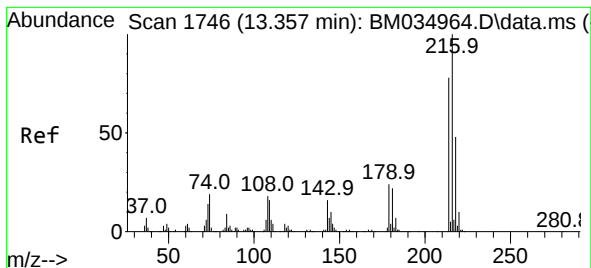
Tgt Ion:178 Resp: 653461
Ion Ratio Lower Upper
178 100
179 15.3 12.2 18.4
176 18.6 15.0 22.6



#74
Anthracene
Concen: 9.937 ng/u1
RT: 17.427 min Scan# 2438
Delta R.T. 0.000 min
Lab File: BM034959.D
Acq: 10 May 2022 11:53

Tgt Ion:178 Resp: 650969
Ion Ratio Lower Upper
178 100
179 15.3 12.2 18.4
176 18.7 14.6 22.0

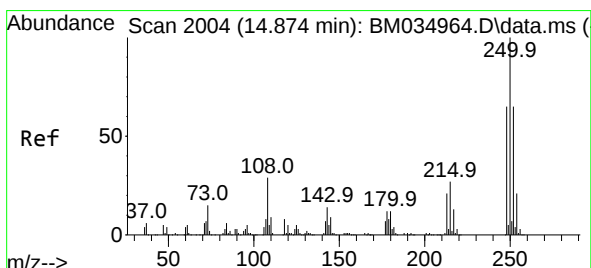
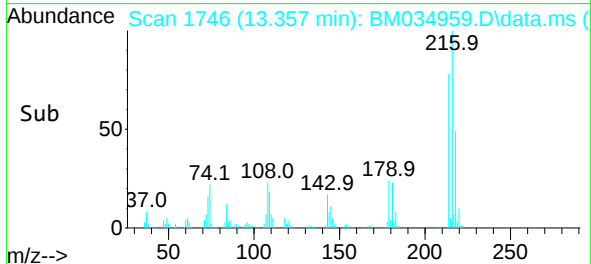
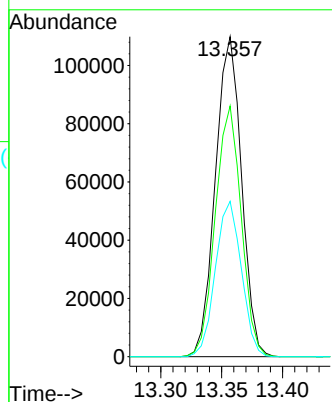
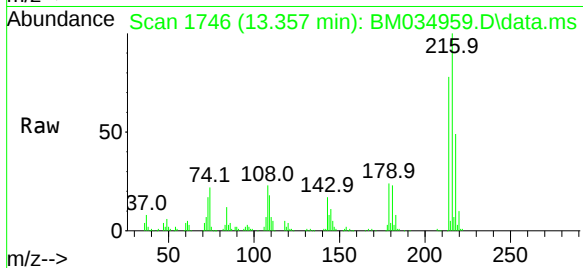




#75
1,2,3,4-Tetrachlorobenzene
Concen: 8.331 ng/uL
RT: 13.357 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM034959.D
Acq: 10 May 2022 11:53

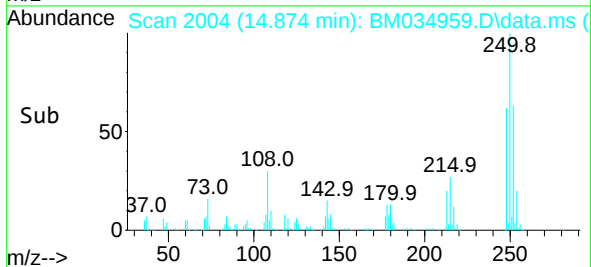
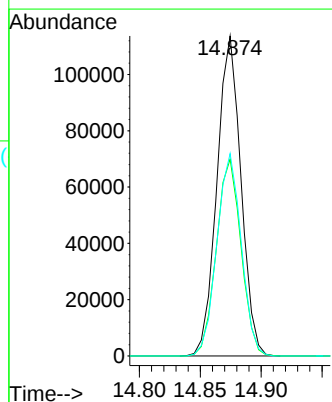
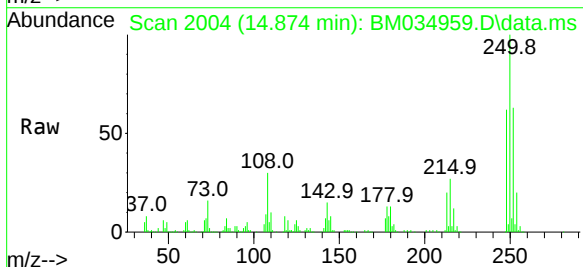
Instrument :
BNA_M
ClientSampleId :
SSTD010033

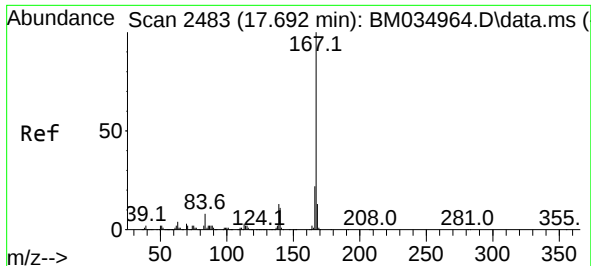
Tgt Ion:216 Resp: 164346
Ion Ratio Lower Upper
216 100
214 78.4 62.6 94.0
218 48.6 37.1 55.7



#76
Pentachlorobenzene
Concen: 8.582 ng/uL
RT: 14.874 min Scan# 2004
Delta R.T. 0.000 min
Lab File: BM034959.D
Acq: 10 May 2022 11:53

Tgt Ion:250 Resp: 156051
Ion Ratio Lower Upper
250 100
248 61.5 49.9 74.9
252 63.3 51.5 77.3

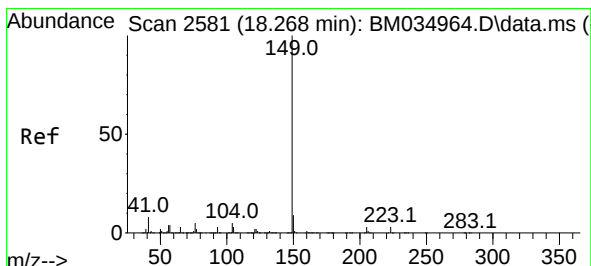
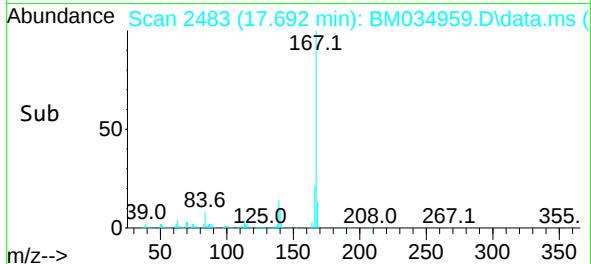
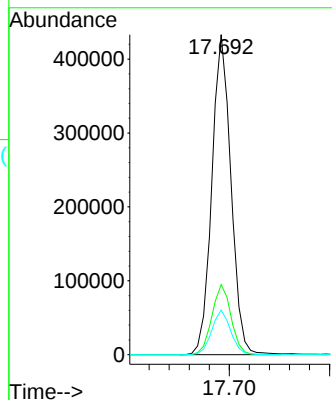
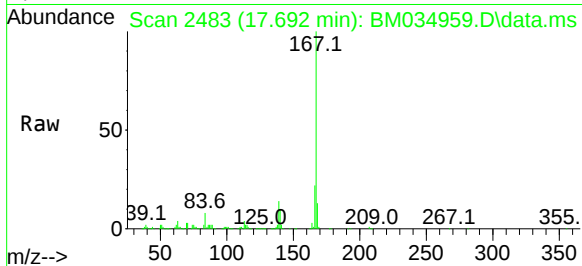




#77
 Carbazole
 Concen: 10.011 ng/ul
 RT: 17.692 min Scan# 2483
 Delta R.T. 0.000 min
 Lab File: BM034959.D
 Acq: 10 May 2022 11:53

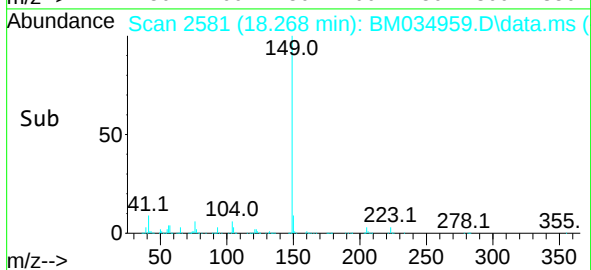
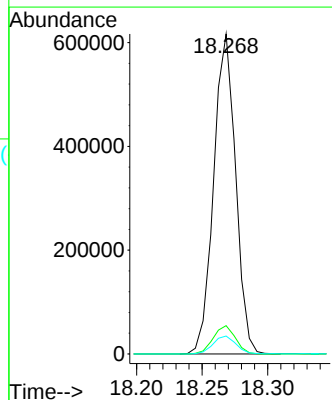
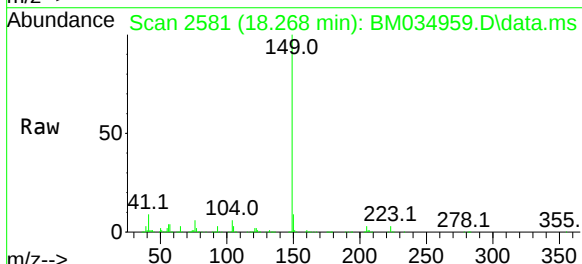
Instrument :
 BNA_M
 ClientSampleId :
 SSTD010033

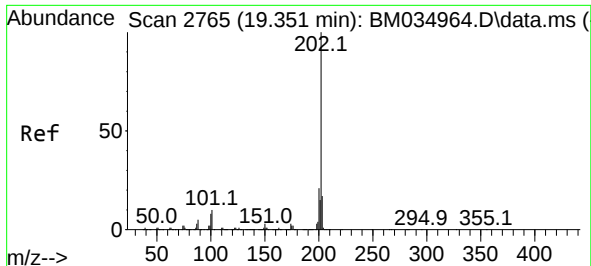
Tgt Ion:167 Resp: 573023
 Ion Ratio Lower Upper
 167 100
 166 21.9 17.1 25.7
 139 14.0 10.5 15.7



#78
 Di-n-butylphthalate
 Concen: 10.959 ng/ul
 RT: 18.268 min Scan# 2581
 Delta R.T. 0.000 min
 Lab File: BM034959.D
 Acq: 10 May 2022 11:53

Tgt Ion:149 Resp: 716039
 Ion Ratio Lower Upper
 149 100
 150 8.8 7.1 10.7
 104 5.6 4.1 6.1

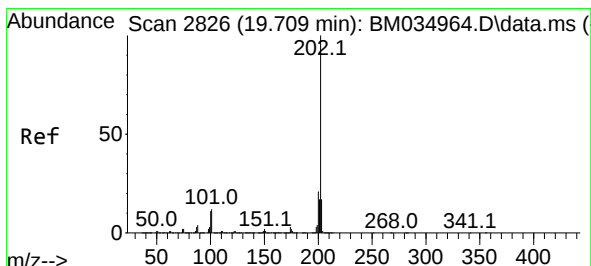
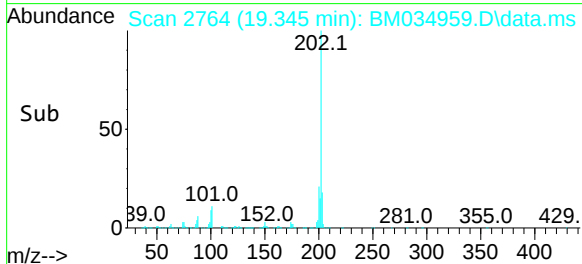
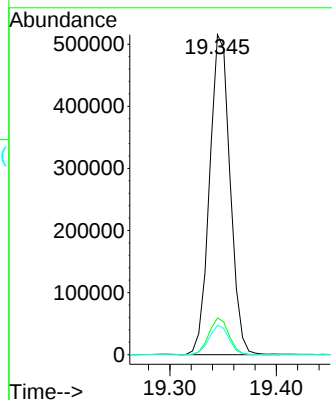
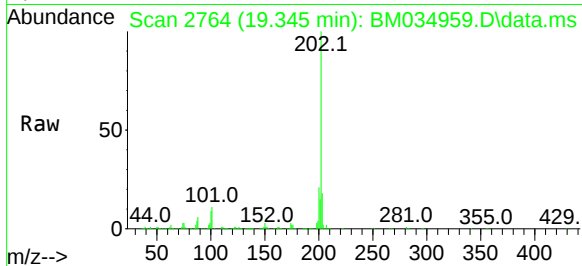




#80
Fluoranthene
Concen: 11.575 ng/ul
RT: 19.345 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM034959.D
Acq: 10 May 2022 11:53

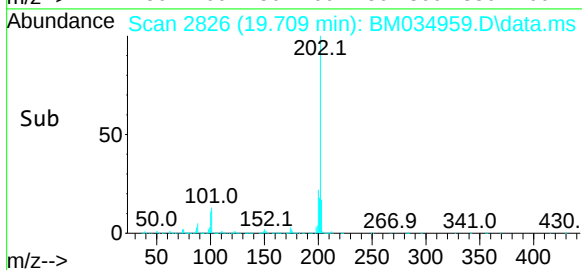
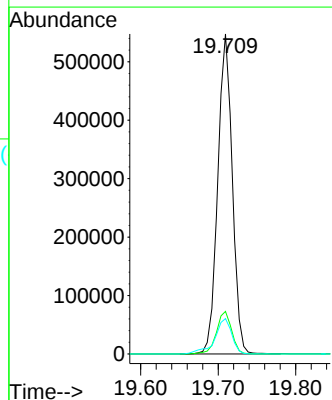
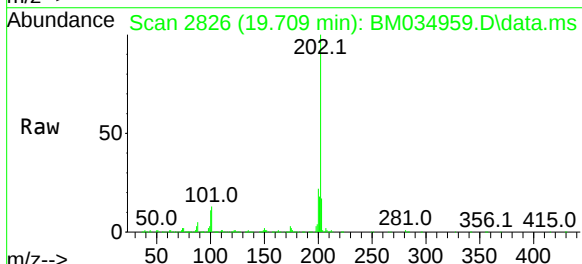
Instrument :
BNA_M
ClientSampleId :
SSTD010033

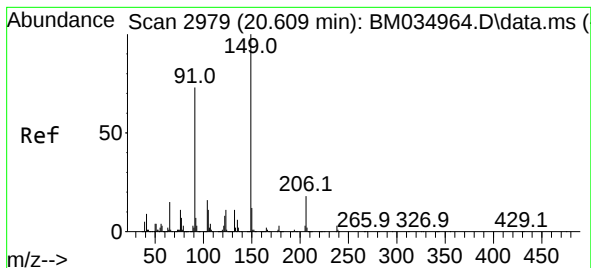
Tgt Ion:202 Resp: 689846
Ion Ratio Lower Upper
202 100
101 11.5 7.4 11.2#
100 9.2 5.8 8.6#



#82
Pyrene
Concen: 11.613 ng/ul
RT: 19.709 min Scan# 2826
Delta R.T. 0.000 min
Lab File: BM034959.D
Acq: 10 May 2022 11:53

Tgt Ion:202 Resp: 712821
Ion Ratio Lower Upper
202 100
101 13.3 9.4 14.0
100 11.1 7.8 11.6





#83

Butylbenzylphthalate

Concen: 12.934 ng/ul

RT: 20.609 min Scan# 2979

Delta R.T. 0.000 min

Lab File: BM034959.D

Acq: 10 May 2022 11:53

Instrument :

BNA_M

ClientSampleId :

SSTD010033

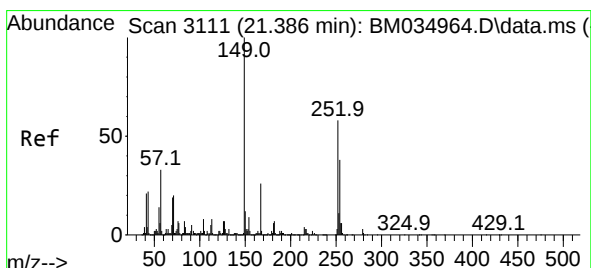
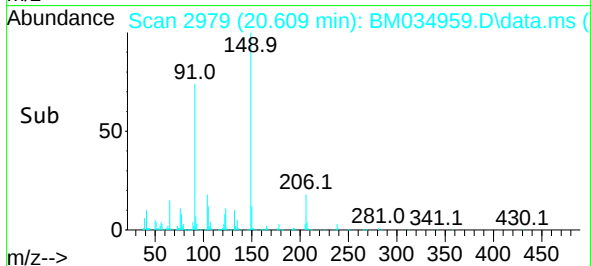
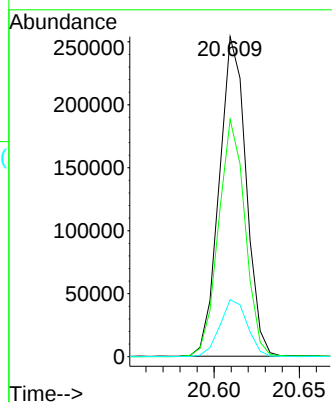
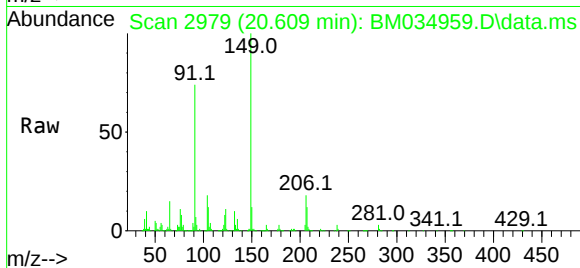
Tgt Ion:149 Resp: 278237

Ion Ratio Lower Upper

149 100

91 74.2 54.3 81.5

206 17.8 15.8 23.6



#84

3,3'-Dichlorobenzidine

Concen: 8.649 ng/ul

RT: 21.386 min Scan# 3111

Delta R.T. 0.000 min

Lab File: BM034959.D

Acq: 10 May 2022 11:53

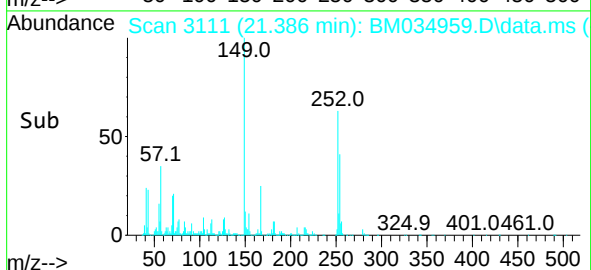
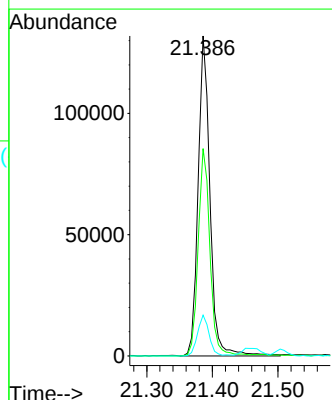
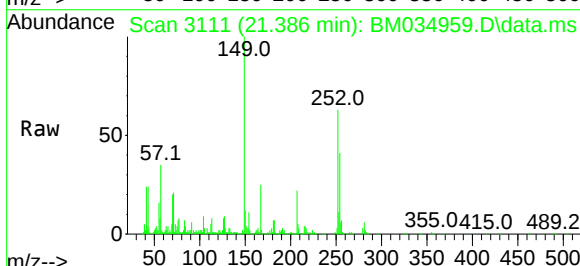
Tgt Ion:252 Resp: 166177

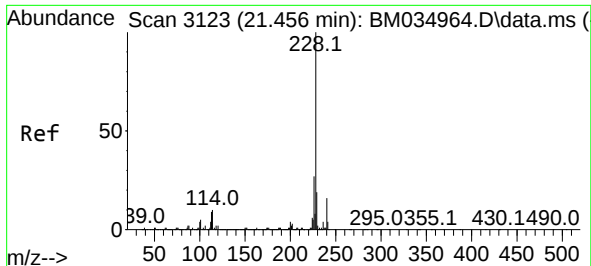
Ion Ratio Lower Upper

252 100

254 64.8 51.0 76.4

126 12.8 9.0 13.6

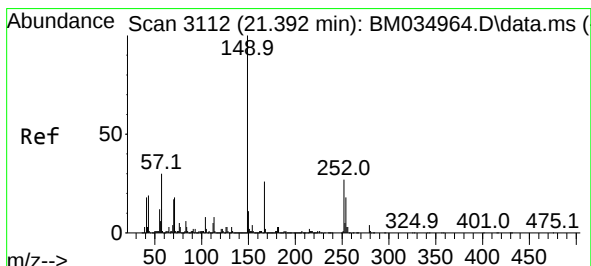
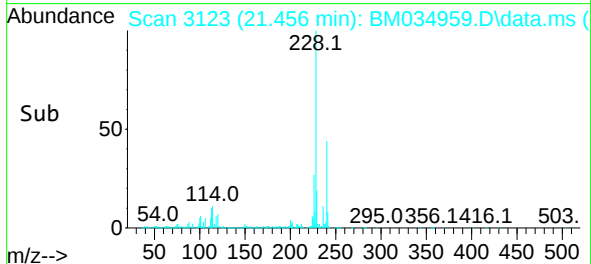
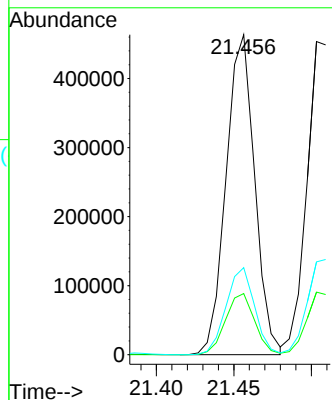
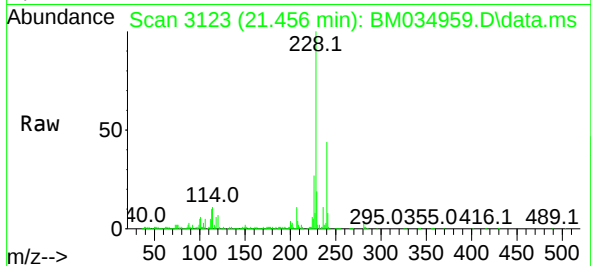




#85
Benzo(a)anthracene
Concen: 10.227 ng/ul
RT: 21.456 min Scan# 3123
Delta R.T. 0.000 min
Lab File: BM034959.D
Acq: 10 May 2022 11:53

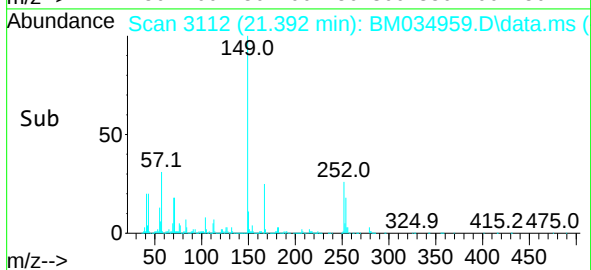
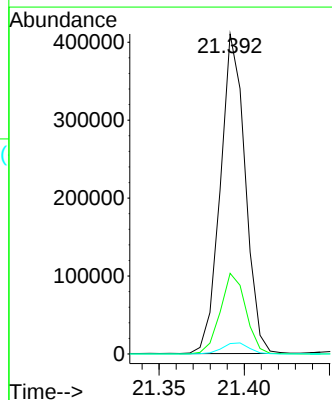
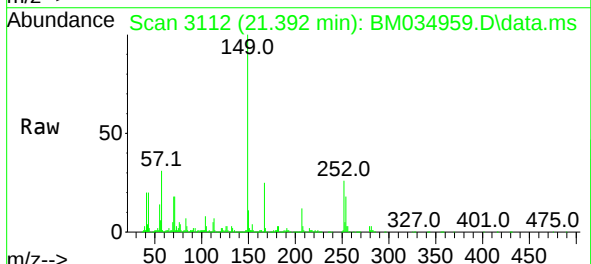
Instrument :
BNA_M
ClientSampleId :
SSTD010033

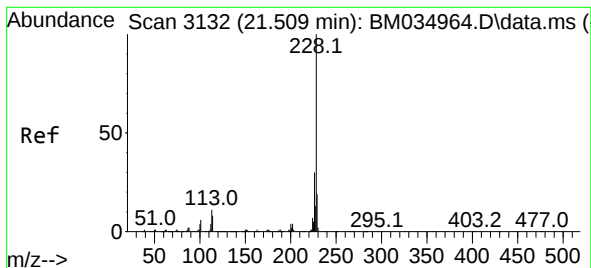
Tgt Ion:228 Resp: 595543
Ion Ratio Lower Upper
228 100
229 19.1 15.4 23.0
226 27.2 21.7 32.5



#86
Bis(2-ethylhexyl)phthalate
Concen: 12.198 ng/ul
RT: 21.392 min Scan# 3112
Delta R.T. 0.000 min
Lab File: BM034959.D
Acq: 10 May 2022 11:53

Tgt Ion:149 Resp: 416053
Ion Ratio Lower Upper
149 100
167 25.2 21.4 32.0
279 3.3 3.4 5.2#





#87

Chrysene

Concen: 10.053 ng/ul

RT: 21.503 min Scan# 3132

Delta R.T. -0.006 min

Lab File: BM034959.D

Acq: 10 May 2022 11:53

Instrument :

BNA_M

ClientSampleId :

SSTD010033

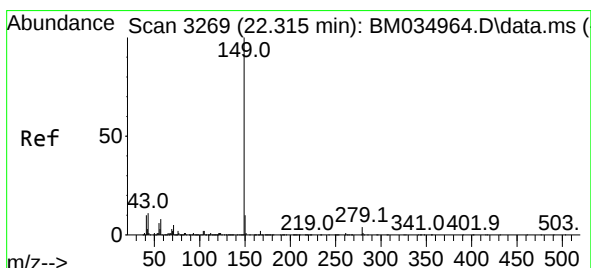
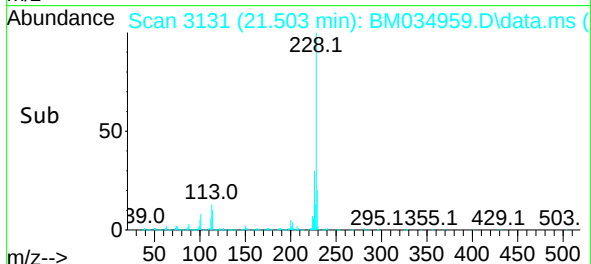
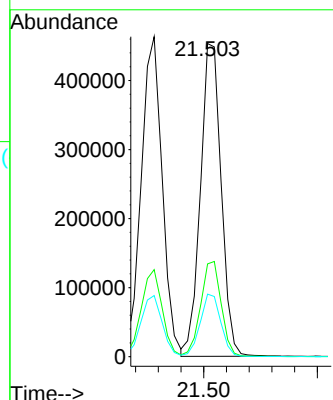
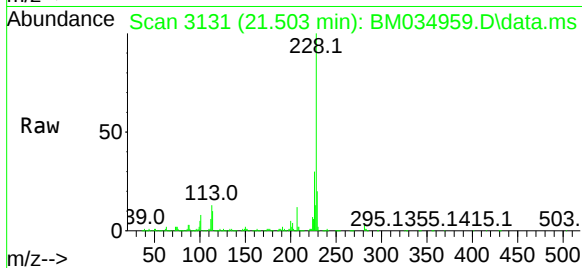
Tgt Ion:228 Resp: 575634

Ion Ratio Lower Upper

228 100

226 29.6 23.7 35.5

229 20.0 15.7 23.5



#89

Di-n-octyl phthalate

Concen: 13.666 ng/ul

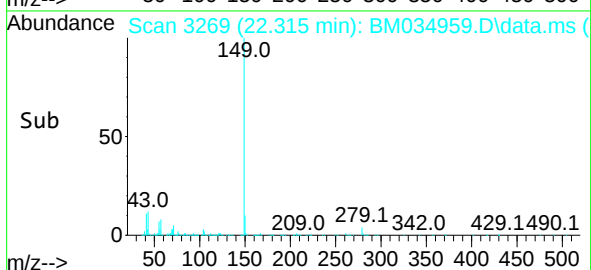
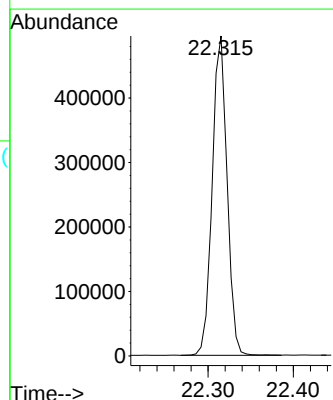
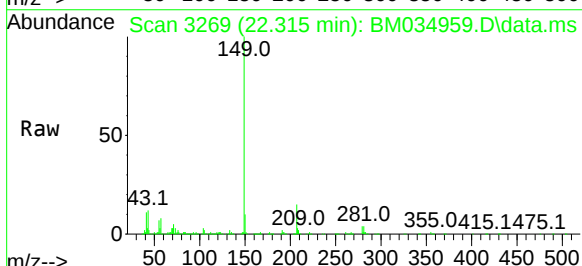
RT: 22.315 min Scan# 3269

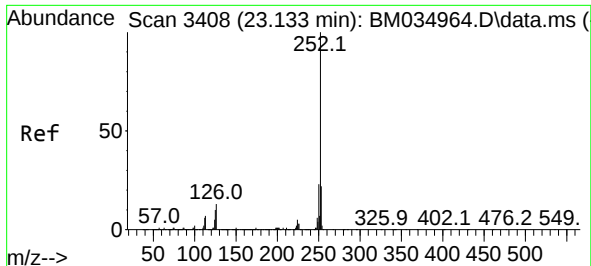
Delta R.T. 0.000 min

Lab File: BM034959.D

Acq: 10 May 2022 11:53

Tgt Ion:149 Resp: 598979

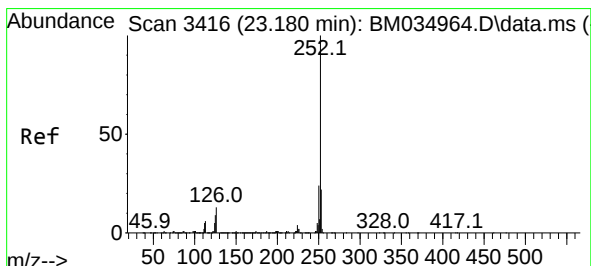
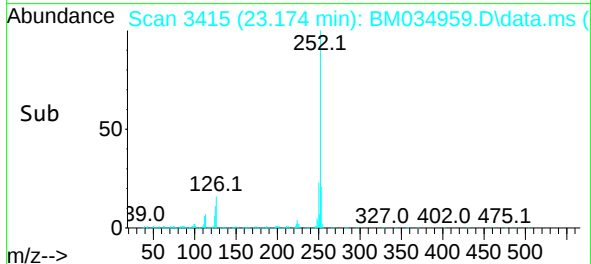
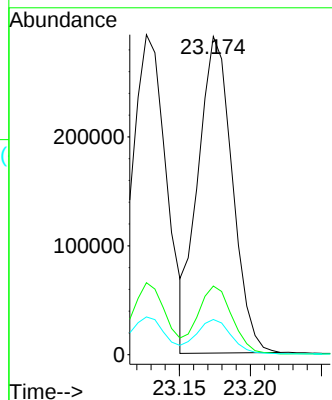
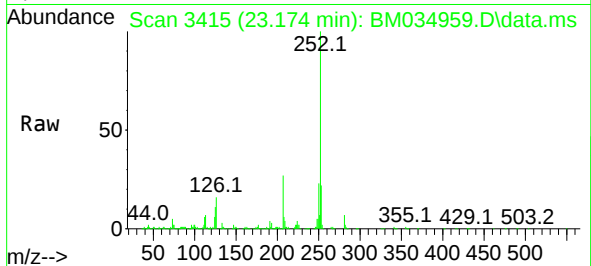




#90
Benzo(b)fluoranthene
Concen: 10.342 ng/u1
RT: 23.174 min Scan# 3415
Delta R.T. 0.041 min
Lab File: BM034959.D
Acq: 10 May 2022 11:53

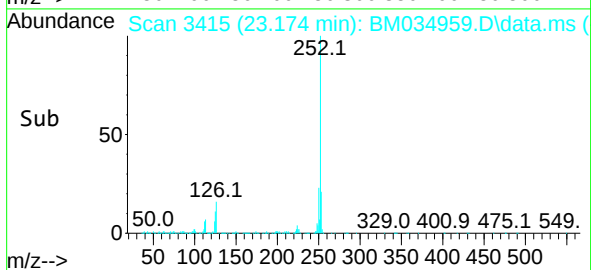
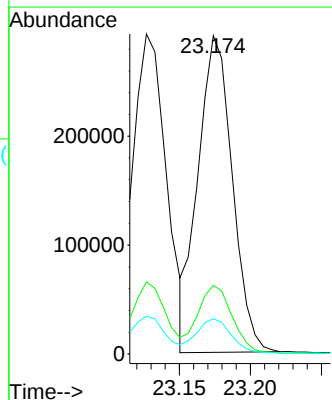
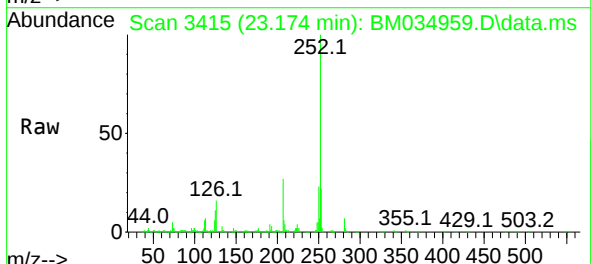
Instrument :
BNA_M
ClientSampleId :
SSTD010033

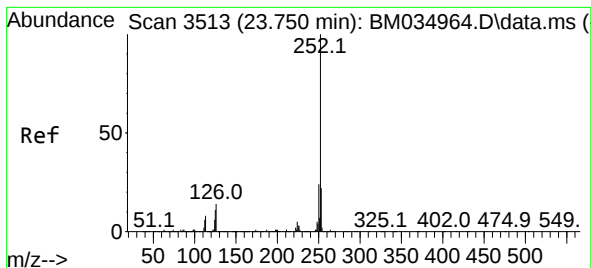
Tgt Ion:252 Resp: 488749
Ion Ratio Lower Upper
252 100
253 21.6 17.4 26.0
125 11.1 7.6 11.4



#91
Benzo(k)fluoranthene
Concen: 10.894 ng/u1
RT: 23.174 min Scan# 3415
Delta R.T. -0.006 min
Lab File: BM034959.D
Acq: 10 May 2022 11:53

Tgt Ion:252 Resp: 488749
Ion Ratio Lower Upper
252 100
253 21.6 17.4 26.2
125 11.1 7.8 11.6





#93

Benzo(a)pyrene

Concen: 9.973 ng/ul

RT: 23.744 min Scan# 3

Delta R.T. -0.006 min

Lab File: BM034959.D

Acq: 10 May 2022 11:53

Instrument :

BNA_M

ClientSampleId :

SSTD010033

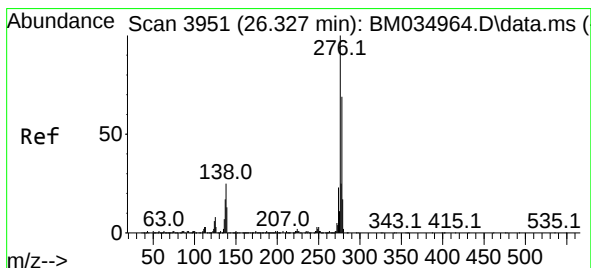
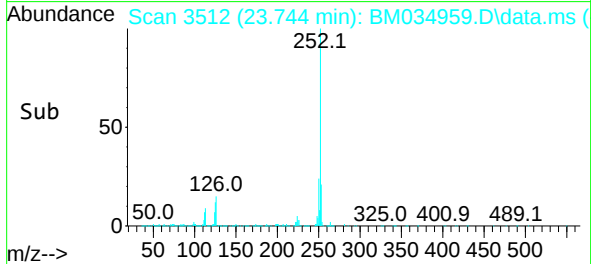
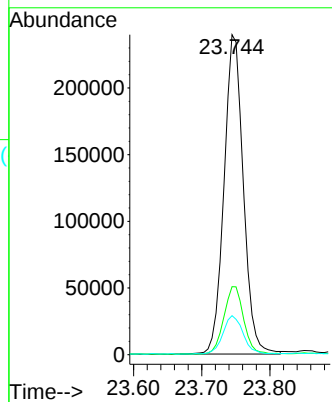
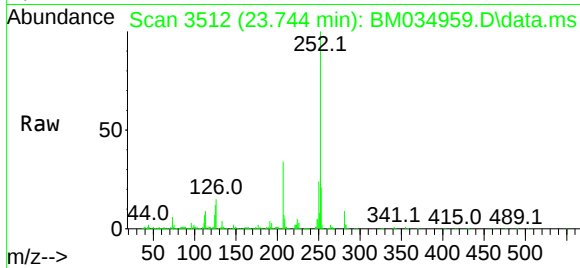
Tgt Ion:252 Resp: 472464

Ion Ratio Lower Upper

252 100

253 21.2 16.6 25.0

125 12.2 6.2 9.2#



#94

Indeno(1,2,3-cd)pyrene

Concen: 8.900 ng/ul

RT: 26.321 min Scan# 3950

Delta R.T. -0.006 min

Lab File: BM034959.D

Acq: 10 May 2022 11:53

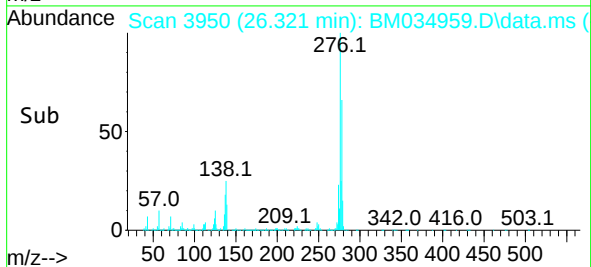
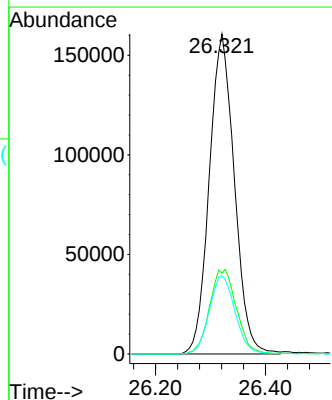
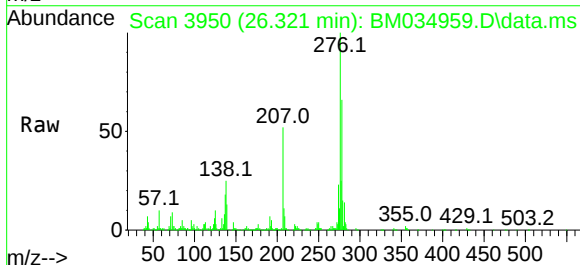
Tgt Ion:276 Resp: 508849

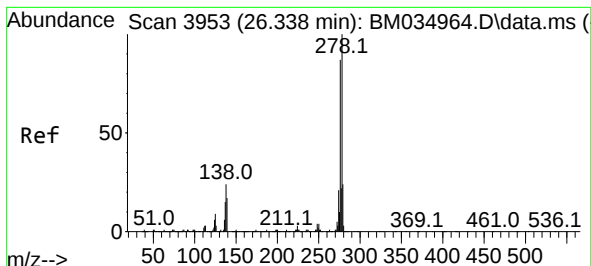
Ion Ratio Lower Upper

276 100

138 25.3 15.3 22.9#

277 24.6 19.6 29.4





#95

Dibenzo(a,h)anthracene

Concen: 8.908 ng/ul

RT: 26.338 min Scan# 3953

Delta R.T. 0.000 min

Lab File: BM034959.D

Acq: 10 May 2022 11:53

Instrument :

BNA_M

ClientSampleId :

SSTD010033

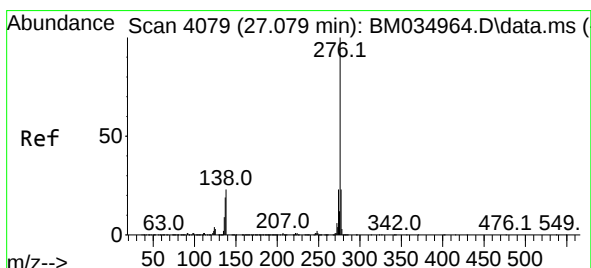
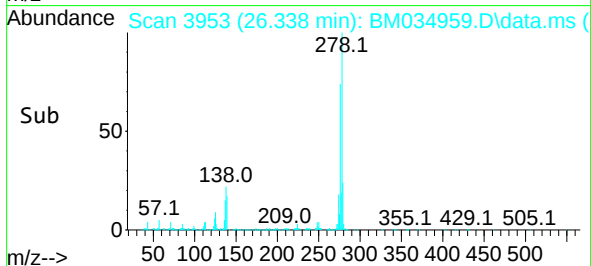
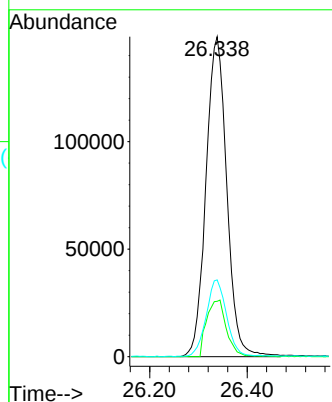
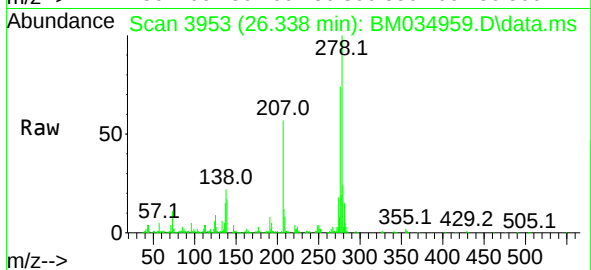
Tgt Ion:278 Resp: 440384

Ion Ratio Lower Upper

278 100

139 17.3 9.7 14.5#

279 24.0 18.8 28.2



#96

Benzo(g,h,i)perylene

Concen: 8.709 ng/ul

RT: 27.074 min Scan# 4078

Delta R.T. -0.006 min

Lab File: BM034959.D

Acq: 10 May 2022 11:53

Tgt Ion:276 Resp: 421029

Ion Ratio Lower Upper

276 100

138 23.9 13.0 19.6#

277 24.0 18.6 28.0

