

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM051722\
 Data File : BM035129.D
 Acq On : 17 May 2022 13:27
 Operator : CG/JU
 Sample : SST02042
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SST020042

Quant Time: May 17 14:27:18 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM051722.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue May 17 14:25:28 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.910	152	145496	20.000	ng/u1	0.00
20) Naphthalene-d8	10.710	136	546755	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.545	164	334184	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.286	188	666038	20.000	ng/u1	0.00
79) Chrysene-d12	21.474	240	651683	20.000	ng/u1	0.00
88) Perylene-d12	23.862	264	660083	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.363	96	28378	8.160	ng/uL	0.00
4) Pyridine-d5	3.781	84	178279	18.598	ng/u1	0.00
7) Phenol-d5	7.069	99	212197	16.859	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.240	67	134848	17.069	ng/u1	0.00
11) 2-Chlorophenol-d4	7.439	132	194863	19.701	ng/u1	0.00
15) 4-Methylphenol-d8	8.616	113	179294	17.471	ng/u1	0.00
21) Nitrobenzene-d5	9.063	128	89521	21.363	ng/u1	0.00
24) 2-Nitrophenol-d4	9.786	143	100721	22.284	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.328	165	180138	21.296	ng/u1	0.00
31) 4-Chloroaniline-d4	10.845	131	239716	19.903	ng/u1	0.00
46) Dimethylphthalate-d6	13.951	166	505655	20.063	ng/u1	0.00
49) Acenaphthylene-d8	14.233	160	601512	18.809	ng/u1	0.00
54) 4-Nitrophenol-d4	14.733	143	85733	19.909	ng/u1	0.00
60) Fluorene-d10	15.533	176	428024	20.130	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.651	200	81338	19.380	ng/u1	0.00
73) Anthracene-d10	17.386	188	641389	19.793	ng/u1	0.00
81) Pyrene-d10	19.680	212	718773	17.663	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.703	264	692035	20.060	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.399	88	28656	8.275	ng/uL#	94
5) Pyridine	3.799	79	185219	18.308	ng/u1	94
6) Benzaldehyde	7.045	77	129457	18.429	ng/u1	99
8) Phenol	7.098	94	222435	17.753	ng/u1	92
10) Bis(2-Chloroethyl)ether	7.334	93	174539	17.600	ng/u1	100
12) 2-Chlorophenol	7.469	128	198811	19.709	ng/u1	99
13) 2-Methylphenol	8.351	108	167953	17.685	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.439	45	246000	15.172	ng/u1	97
16) Acetophenone	8.728	105	280178	17.589	ng/u1	97
17) N-Nitroso-di-n-propyla...	8.716	70	132988	15.653	ng/u1	98
18) 4-Methylphenol	8.681	108	181058	17.450	ng/u1	99
19) Hexachloroethane	8.992	117	86183	20.140	ng/u1	93
22) Nitrobenzene	9.104	77	213316	20.514	ng/u1	98
23) Isophorone	9.639	82	374132	19.581	ng/u1	98
25) 2-Nitrophenol	9.822	139	108778	22.398	ng/u1	94
26) 2,4-Dimethylphenol	9.886	107	211372	20.811	ng/u1	98
27) Bis(2-Chloroethoxy)met...	10.122	93	225243	19.018	ng/u1	100
29) 2,4-Dichlorophenol	10.357	162	180295	21.909	ng/u1	98
30) Naphthalene	10.757	128	585900	20.397	ng/u1	99
32) 4-Chloroaniline	10.869	127	239967	19.909	ng/u1	99
33) Hexachlorobutadiene	11.051	225	134504	24.937	ng/u1	97
34) Caprolactam	11.633	113	50197	20.400	ng/u1	97
35) 4-Chloro-3-methylphenol	11.992	107	182869	20.672	ng/u1	97
36) 2-Methylnaphthalene	12.369	142	394998	19.889	ng/u1	99

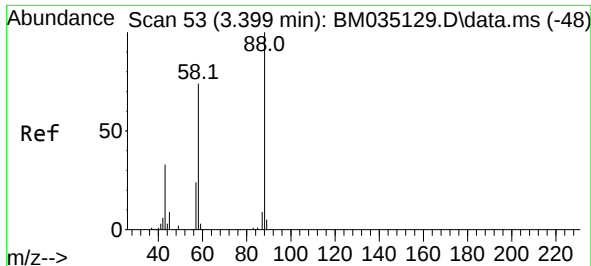
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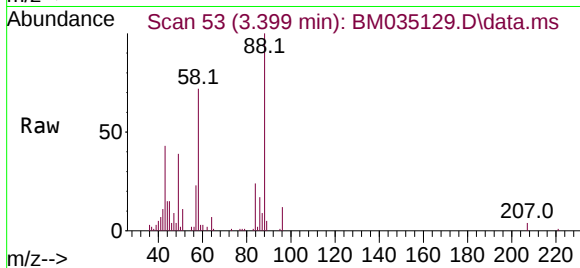
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.586	142	398235	19.830	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.739	216	227845	23.181	ng/ul	98
40) Hexachlorocyclopentadiene	12.722	237	148974	21.854	ng/ul	96
41) 2,4,6-Trichlorophenol	12.980	196	143860	22.991	ng/ul	98
42) 2,4,5-Trichlorophenol	13.045	196	154894	23.107	ng/ul	99
43) 1,1'-Biphenyl	13.380	154	530556	19.983	ng/ul	99
44) 2-Chloronaphthalene	13.416	162	412635	20.408	ng/ul	97
45) 2-Nitroaniline	13.616	65	116098	20.226	ng/ul	93
47) Dimethylphthalate	13.998	163	506435	20.338	ng/ul	100
48) 2,6-Dinitrotoluene	14.116	165	101588	21.480	ng/ul	92
50) Acenaphthylene	14.263	152	647906	20.166	ng/ul	98
51) 3-Nitroaniline	14.439	138	95877	22.139	ng/ul	88
52) Acenaphthene	14.610	153	427161	19.892	ng/ul	98
53) 2,4-Dinitrophenol	14.651	184	58930	21.359	ng/ul	95
55) 4-Nitrophenol	14.751	109	81052	21.404	ng/ul	90
56) Dibenzofuran	14.939	168	598946	20.252	ng/ul	94
57) 2,4-Dinitrotoluene	14.904	165	143637	21.531	ng/ul	94
58) 2,3,4,6-Tetrachlorophenol	15.168	232	124900	23.764	ng/ul	95
59) Diethylphthalate	15.368	149	514947	20.190	ng/ul	99
61) Fluorene	15.592	166	489667	20.239	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.586	204	250693	21.333	ng/ul	98
63) 4-Nitroaniline	15.710	138	345	0.090	ng/ul	86
66) 4,6-Dinitro-2-methylph...	15.668	198	83138	20.006	ng/ul#	98
67) N-Nitrosodiphenylamine	15.798	169	412572	19.240	ng/ul	99
68) 4-Bromophenyl-phenylether	16.480	248	146576	21.163	ng/ul	99
69) Hexachlorobenzene	16.598	284	167946	21.430	ng/ul	98
70) Atrazine	16.751	200	157664	20.685	ng/ul	99
71) Pentachlorophenol	16.939	266	106599	21.914	ng/ul	97
72) Phenanthrene	17.327	178	742239	19.813	ng/ul	100
74) Anthracene	17.421	178	757259	19.985	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.345	216	238238	22.353	ng/uL	98
76) Pentachlorobenzene	14.863	250	207904	21.296	ng/uL	98
77) Carbazole	17.686	167	660175	19.818	ng/ul	99
78) Di-n-butylphthalate	18.262	149	887414	21.482	ng/ul	99
80) Fluoranthene	19.345	202	856844	17.516	ng/ul	99
82) Pyrene	19.709	202	884017	17.696	ng/ul	96
83) Butylbenzylphthalate	20.609	149	370025	18.516	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.386	252	278097	22.614	ng/ul	100
85) Benzo(a)anthracene	21.456	228	863825	20.402	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.392	149	561408	18.959	ng/ul	99
87) Chrysene	21.509	228	842470	20.433	ng/ul	99
89) Di-n-octyl phthalate	22.315	149	937498	17.061	ng/ul	100
90) Benzo(b)fluoranthene	23.133	252	875366	19.743	ng/ul	99
91) Benzo(k)fluoranthene	23.180	252	846013	20.038	ng/ul	99
93) Benzo(a)pyrene	23.756	252	866381	20.497	ng/ul#	97
94) Indeno(1,2,3-cd)pyrene	26.332	276	986346	20.399	ng/ul	96
95) Dibenzo(a,h)anthracene	26.344	278	846281	20.415	ng/ul	98
96) Benzo(g,h,i)perylene	27.085	276	824272	20.522	ng/ul	98

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

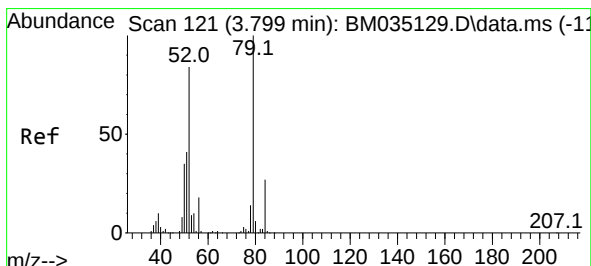
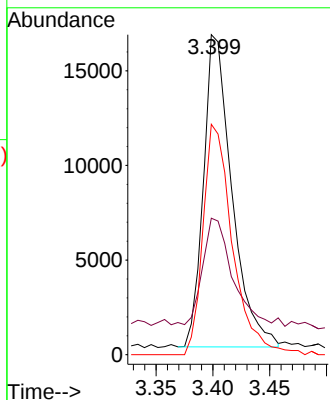
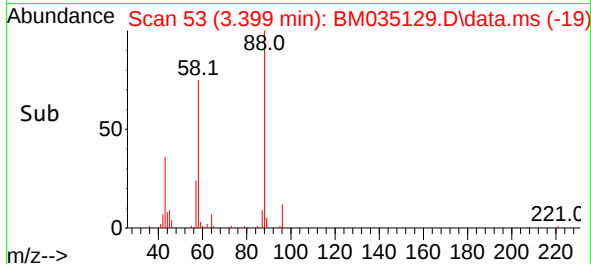


#2
1,4-Dioxane
Concen: 8.275 ng/uL
RT: 3.399 min Scan# 53
Delta R.T. 0.000 min
Lab File: BM035129.D
Acq: 17 May 2022 13:27

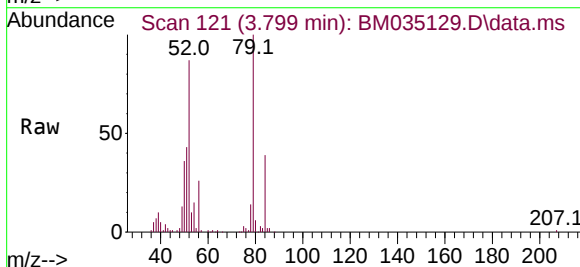
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BNA_M
ClientSampleId :
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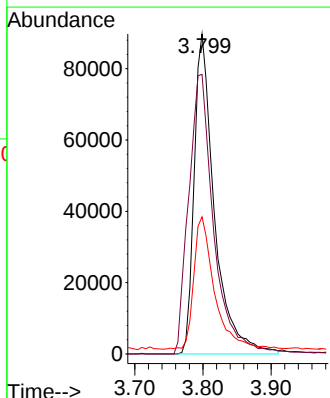
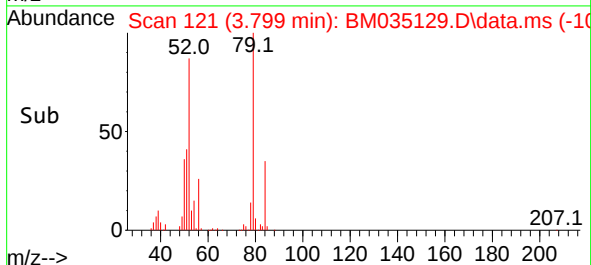
Tgt Ion: 88 Resp: 28656
Ion Ratio Lower Upper
88 100
43 42.7 27.6 41.4#
58 72.0 59.5 89.3

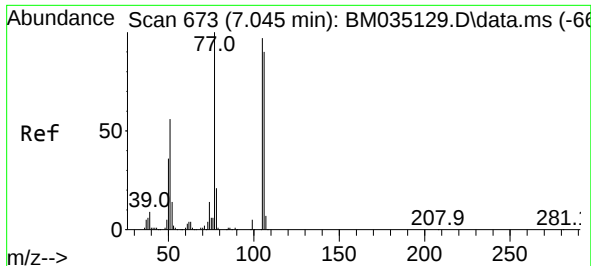


#5
Pyridine
Concen: 18.308 ng/uL
RT: 3.799 min Scan# 121
Delta R.T. 0.000 min
Lab File: BM035129.D
Acq: 17 May 2022 13:27



Tgt Ion: 79 Resp: 185219
Ion Ratio Lower Upper
79 100
52 87.4 64.3 96.5
51 42.9 32.4 48.6

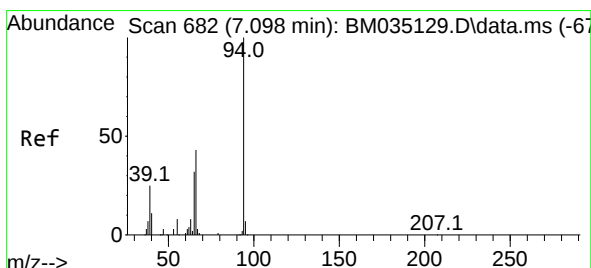
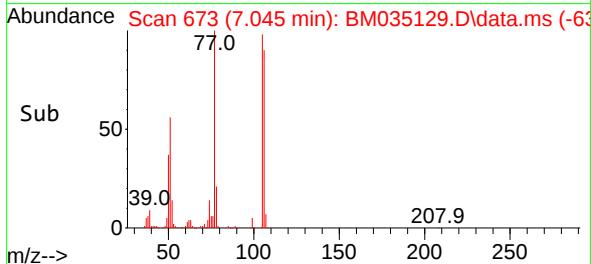
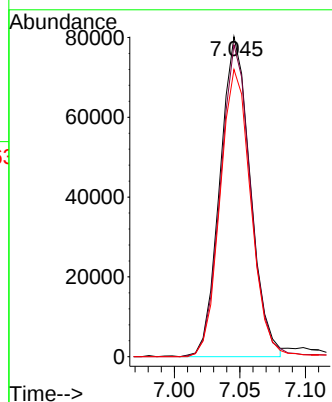
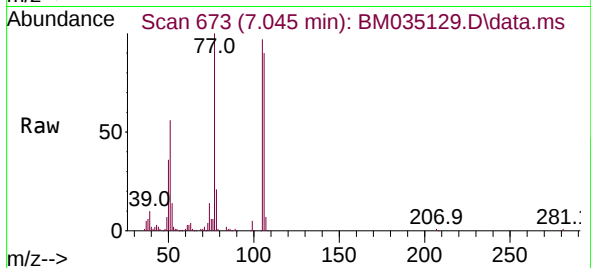




#6
Benzaldehyde
Concen: 18.429 ng/ul
RT: 7.045 min Scan# 673
Delta R.T. 0.000 min
Lab File: BM035129.D
Acq: 17 May 2022 13:27

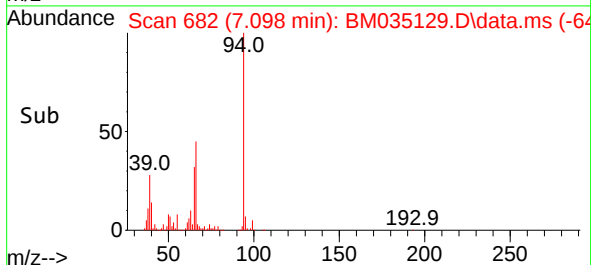
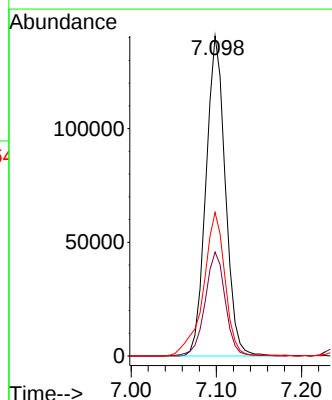
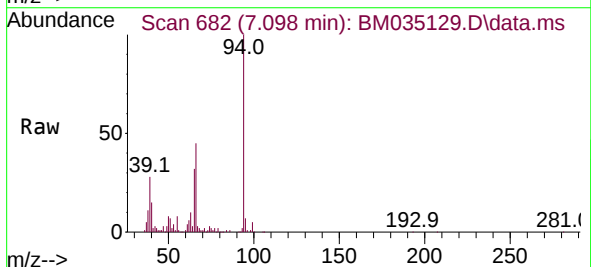
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ClientSampleId :
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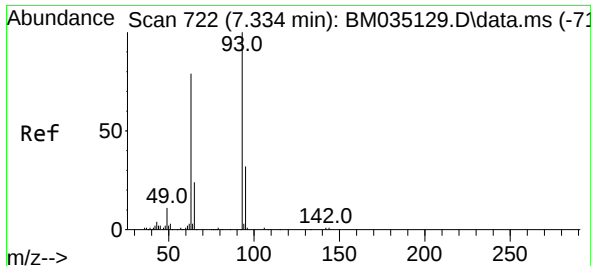
Tgt Ion: 77 Resp: 129457
Ion Ratio Lower Upper
77 100
105 97.5 77.4 116.0
106 89.7 73.4 110.2



#8
Phenol
Concen: 17.753 ng/ul
RT: 7.098 min Scan# 682
Delta R.T. 0.000 min
Lab File: BM035129.D
Acq: 17 May 2022 13:27

Tgt Ion: 94 Resp: 222435
Ion Ratio Lower Upper
94 100
65 32.5 23.8 35.6
66 44.9 31.3 46.9

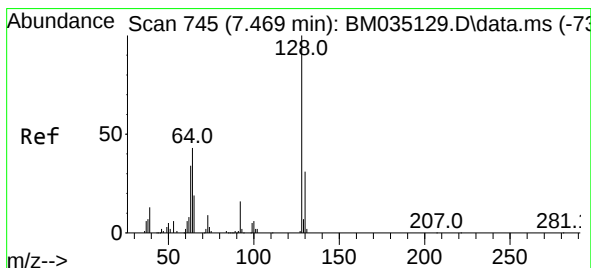
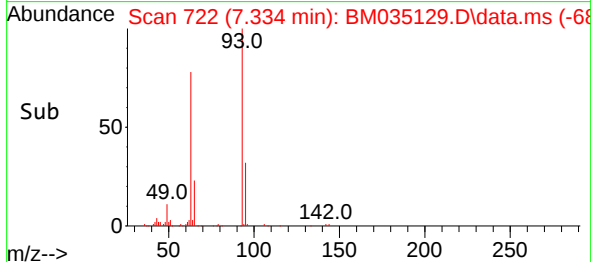
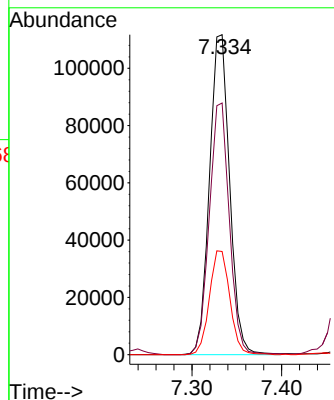
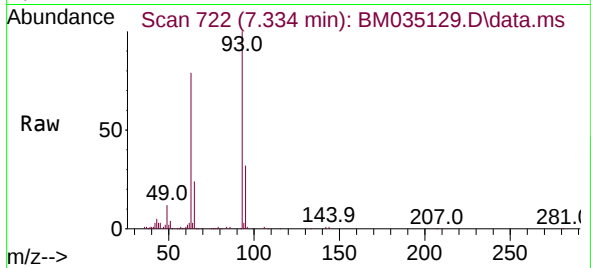




#10
Bis(2-Chloroethyl)ether
Concen: 17.600 ng/ul
RT: 7.334 min Scan# 722
Delta R.T. 0.000 min
Lab File: BM035129.D
Acq: 17 May 2022 13:27

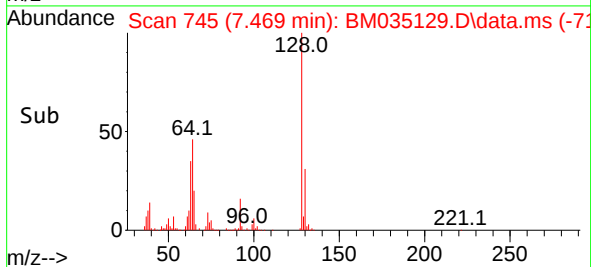
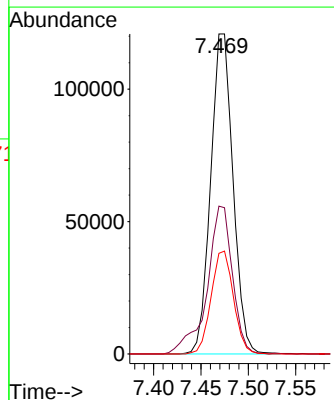
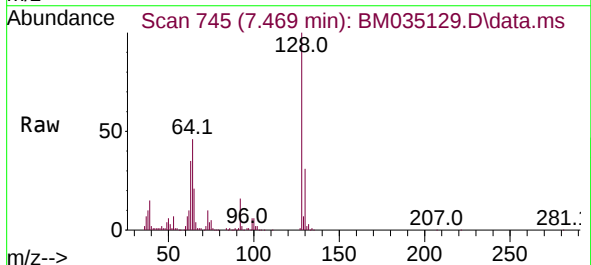
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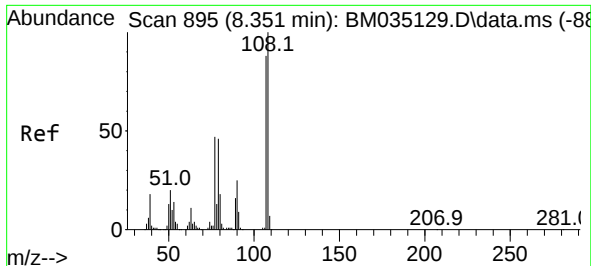
Tgt Ion: 93 Resp: 174539
Ion Ratio Lower Upper
93 100
63 78.7 62.5 93.7
95 32.3 25.8 38.8



#12
2-Chlorophenol
Concen: 19.709 ng/ul
RT: 7.469 min Scan# 745
Delta R.T. 0.000 min
Lab File: BM035129.D
Acq: 17 May 2022 13:27

Tgt Ion:128 Resp: 198811
Ion Ratio Lower Upper
128 100
64 46.2 37.1 55.7
130 31.4 26.2 39.4

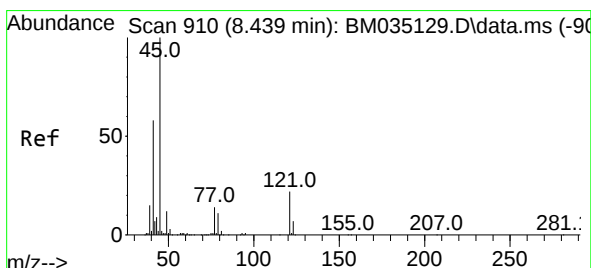
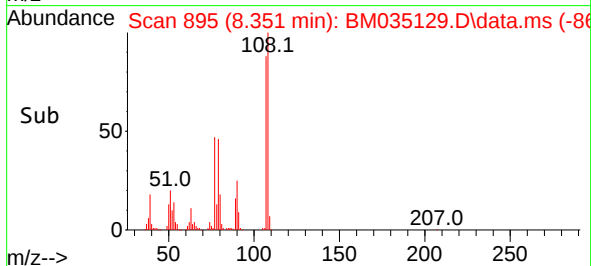
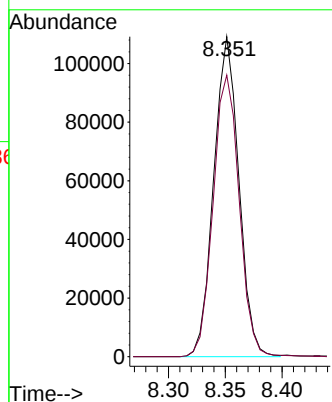
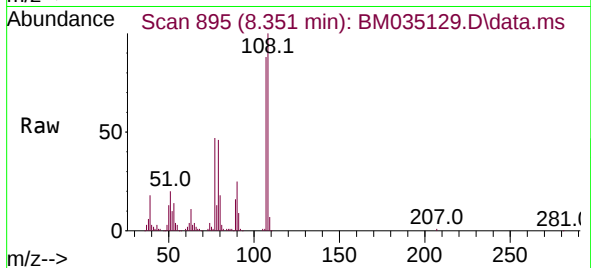




#13
2-Methylphenol
Concen: 17.685 ng/ul
RT: 8.351 min Scan# 895
Delta R.T. 0.000 min
Lab File: BM035129.D
Acq: 17 May 2022 13:27

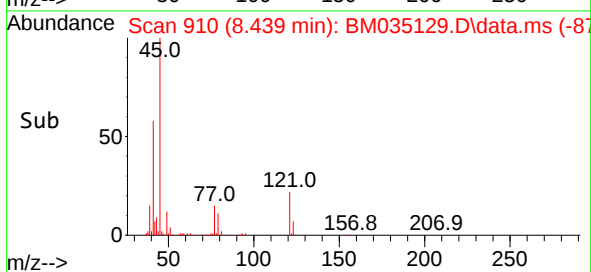
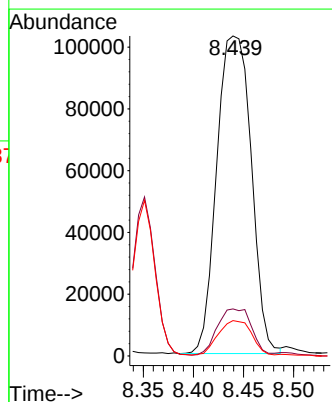
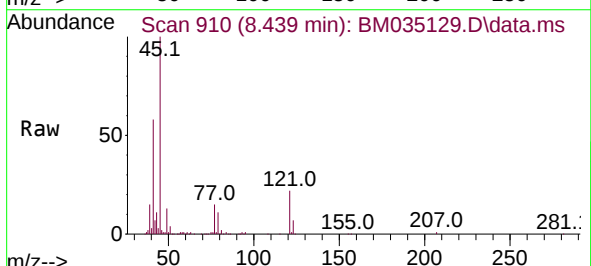
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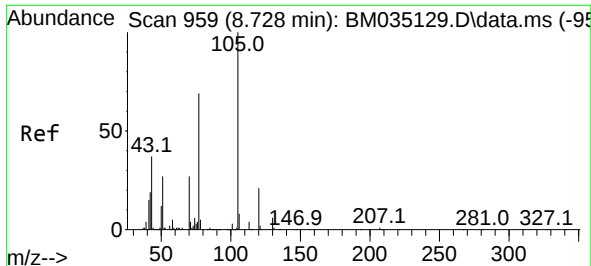
Tgt Ion:108 Resp: 167953
Ion Ratio Lower Upper
108 100
107 88.0 70.8 106.2



#14
2,2'-oxybis(1-Chloropropane)
Concen: 15.172 ng/ul
RT: 8.439 min Scan# 910
Delta R.T. 0.000 min
Lab File: BM035129.D
Acq: 17 May 2022 13:27

Tgt Ion: 45 Resp: 246000
Ion Ratio Lower Upper
45 100
77 14.7 10.6 15.8
79 11.0 8.1 12.1

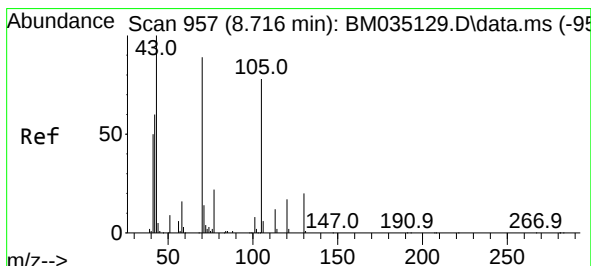
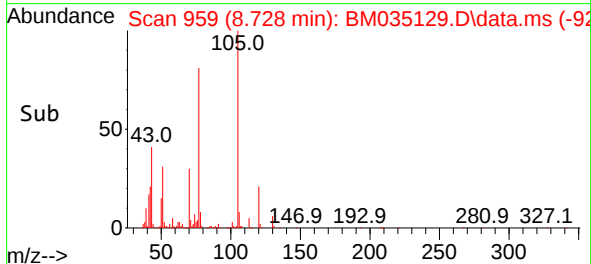
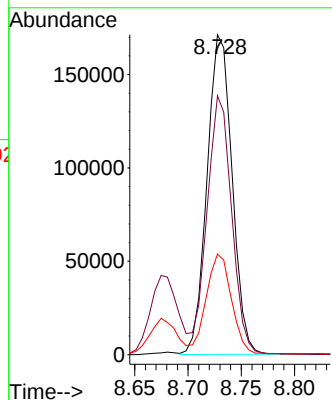
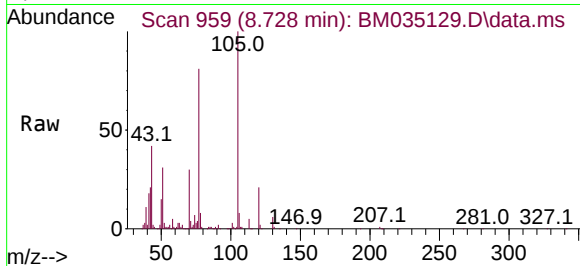




#16
Acetophenone
Concen: 17.589 ng/ul
RT: 8.728 min Scan# 959
Delta R.T. 0.000 min
Lab File: BM035129.D
Acq: 17 May 2022 13:27

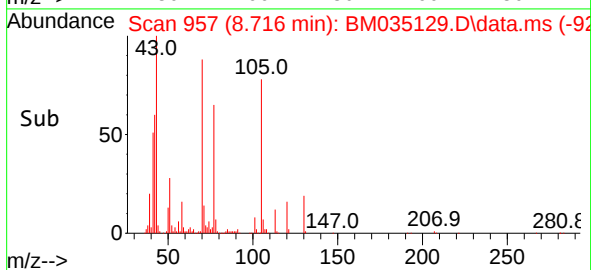
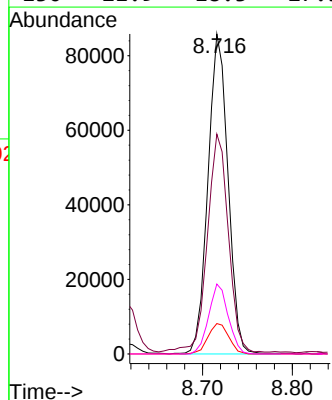
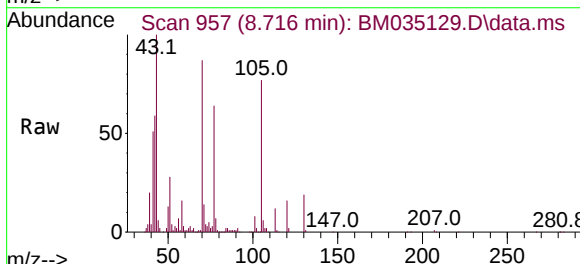
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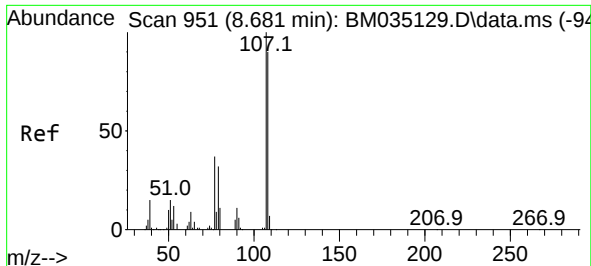
Tgt Ion:105 Resp: 280178
Ion Ratio Lower Upper
105 100
77 80.9 62.4 93.6
51 31.5 23.8 35.6



#17
N-Nitroso-di-n-propylamine
Concen: 15.653 ng/ul
RT: 8.716 min Scan# 957
Delta R.T. 0.000 min
Lab File: BM035129.D
Acq: 17 May 2022 13:27

Tgt Ion: 70 Resp: 132988
Ion Ratio Lower Upper
70 100
42 68.7 53.3 79.9
101 9.5 8.2 12.4
130 21.9 18.3 27.5

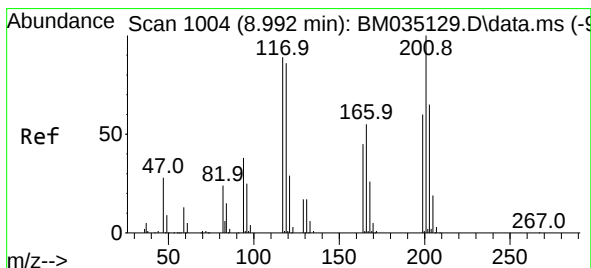
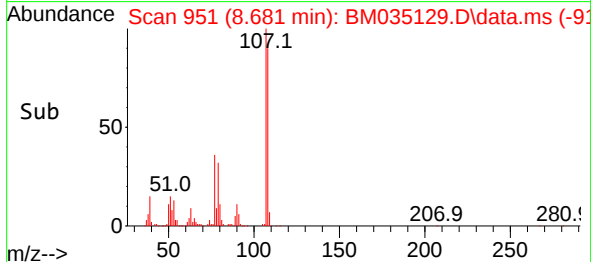
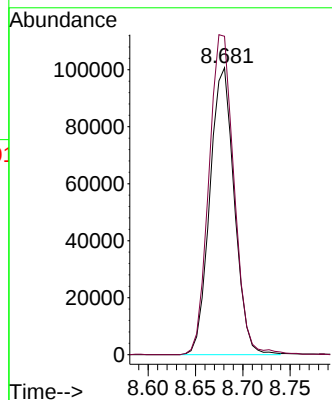
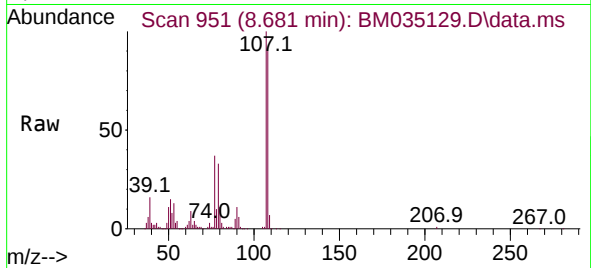




#18
4-Methylphenol
Concen: 17.450 ng/ul
RT: 8.681 min Scan# 951
Delta R.T. 0.000 min
Lab File: BM035129.D
Acq: 17 May 2022 13:27

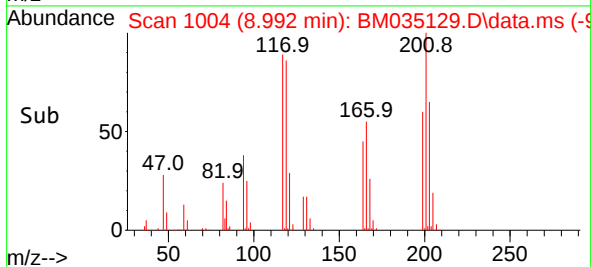
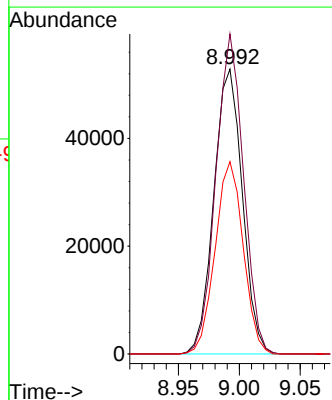
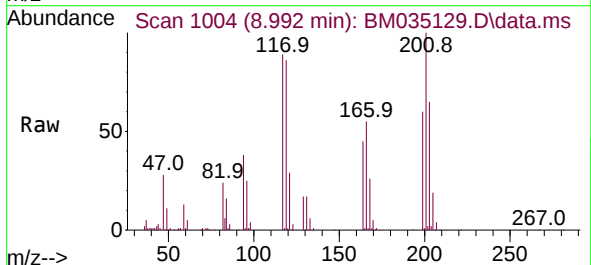
Instrument :
BNA_M
ClientSampleId :
SSTD020042

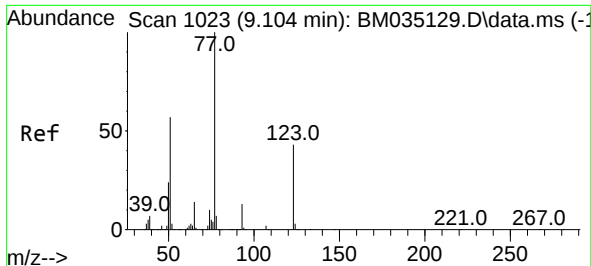
Tgt Ion:108 Resp: 181058
Ion Ratio Lower Upper
108 100
107 111.0 89.7 134.5



#19
Hexachloroethane
Concen: 20.140 ng/ul
RT: 8.992 min Scan# 1004
Delta R.T. 0.000 min
Lab File: BM035129.D
Acq: 17 May 2022 13:27

Tgt Ion:117 Resp: 86183
Ion Ratio Lower Upper
117 100
201 112.4 81.3 121.9
199 67.5 53.4 80.0

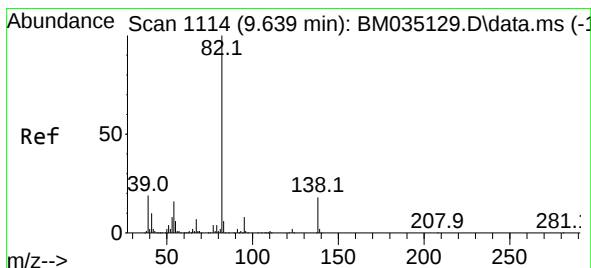
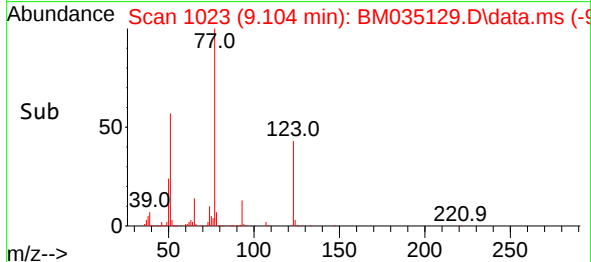
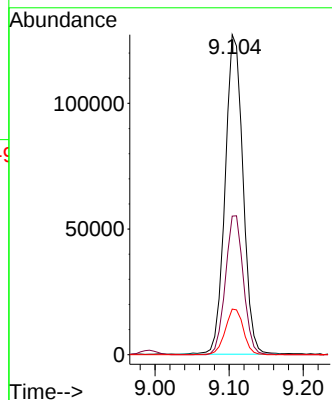
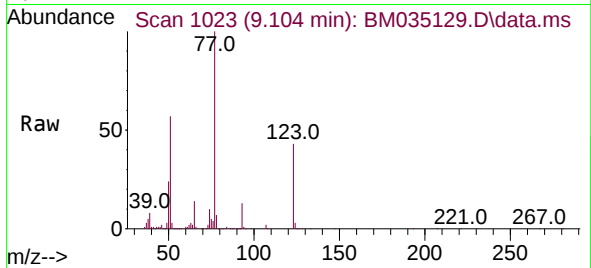




#22
Nitrobenzene
Concen: 20.514 ng/ul
RT: 9.104 min Scan# 1023
Delta R.T. 0.000 min
Lab File: BM035129.D
Acq: 17 May 2022 13:27

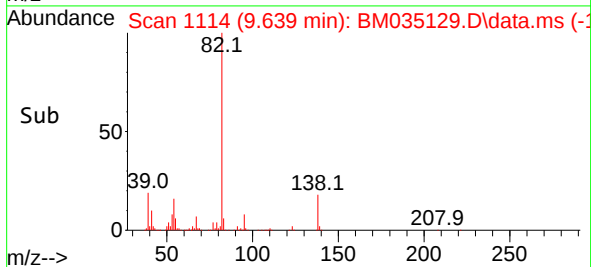
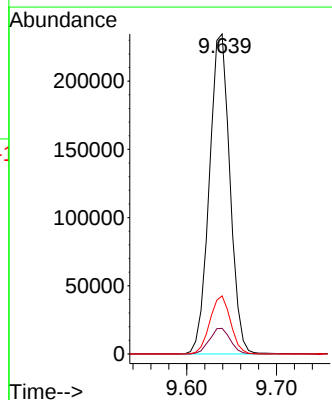
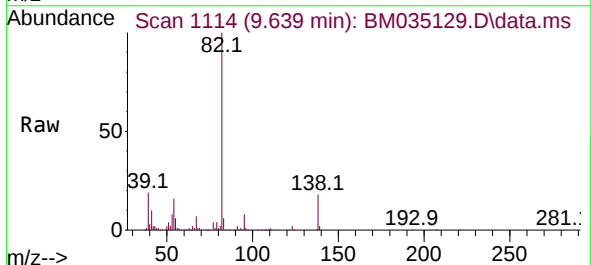
Instrument :
BNA_M
ClientSampleId :
SSTD020042

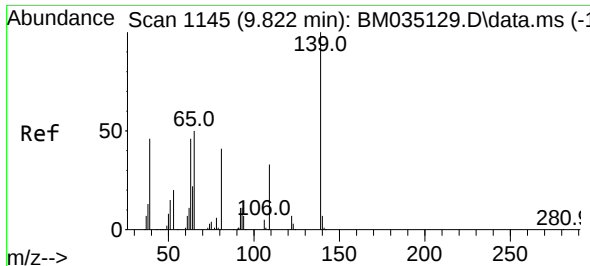
Tgt Ion: 77 Resp: 213316
Ion Ratio Lower Upper
77 100
123 43.3 36.1 54.1
65 14.3 11.0 16.6



#23
Isophorone
Concen: 19.581 ng/ul
RT: 9.639 min Scan# 1114
Delta R.T. 0.000 min
Lab File: BM035129.D
Acq: 17 May 2022 13:27

Tgt Ion: 82 Resp: 374132
Ion Ratio Lower Upper
82 100
95 8.0 6.2 9.4
138 18.2 15.3 22.9

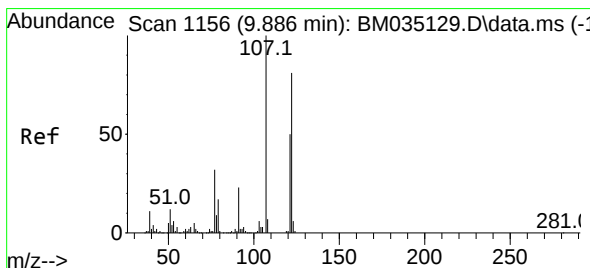
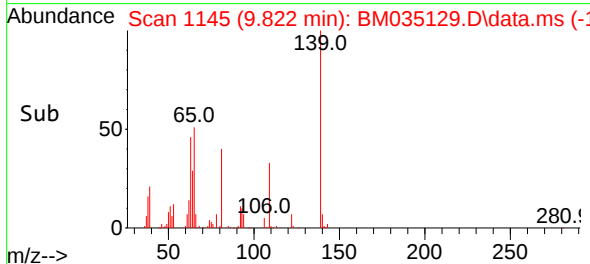
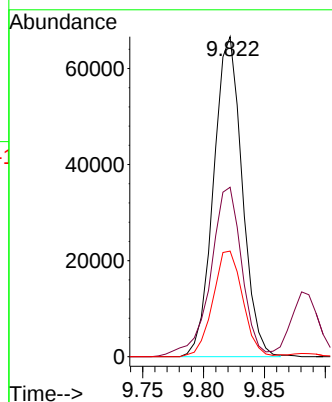
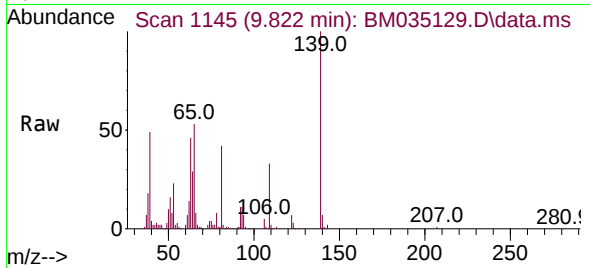




#25
2-Nitrophenol
Concen: 22.398 ng/ul
RT: 9.822 min Scan# 1145
Delta R.T. 0.000 min
Lab File: BM035129.D
Acq: 17 May 2022 13:27

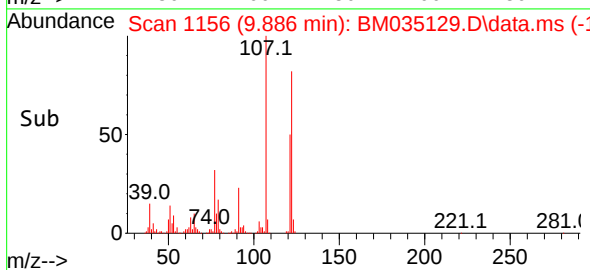
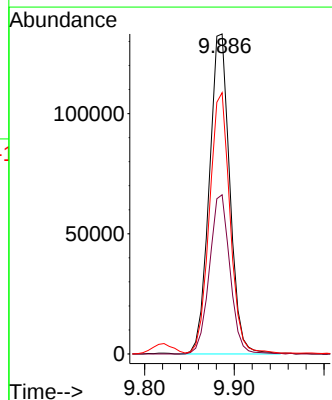
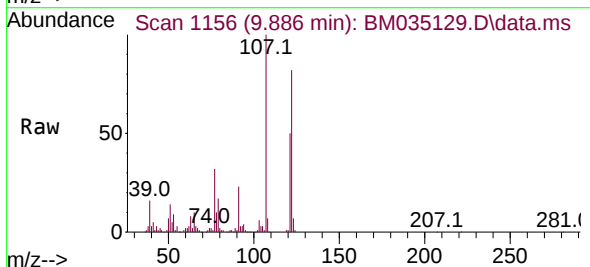
Instrument :
BNA_M
ClientSampleId :
SSTD020042

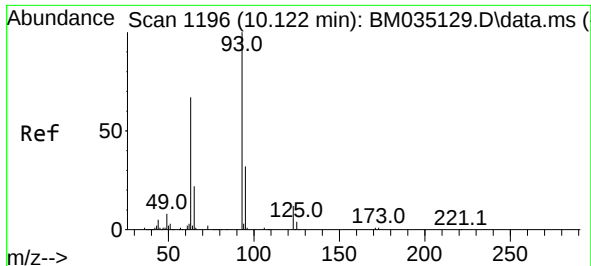
Tgt Ion:139 Resp: 108778
Ion Ratio Lower Upper
139 100
65 52.9 38.9 58.3
109 33.0 24.1 36.1



#26
2,4-Dimethylphenol
Concen: 20.811 ng/ul
RT: 9.886 min Scan# 1156
Delta R.T. 0.000 min
Lab File: BM035129.D
Acq: 17 May 2022 13:27

Tgt Ion:107 Resp: 211372
Ion Ratio Lower Upper
107 100
121 49.7 40.3 60.5
122 81.6 66.6 100.0





#27

Bis(2-Chloroethoxy)methane

Concen: 19.018 ng/ul

RT: 10.122 min Scan# 1196

Delta R.T. 0.000 min

Lab File: BM035129.D

Acq: 17 May 2022 13:27

Instrument :

BNA_M

ClientSampleId :

SSTD020042

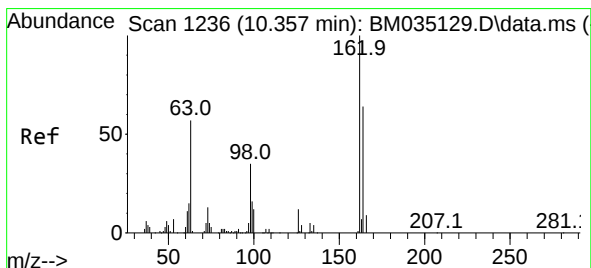
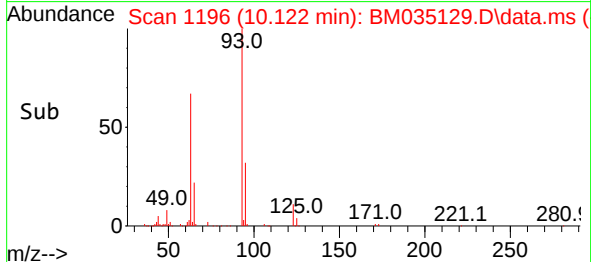
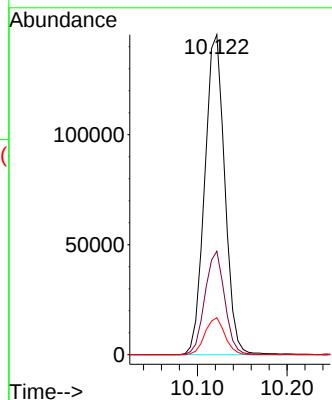
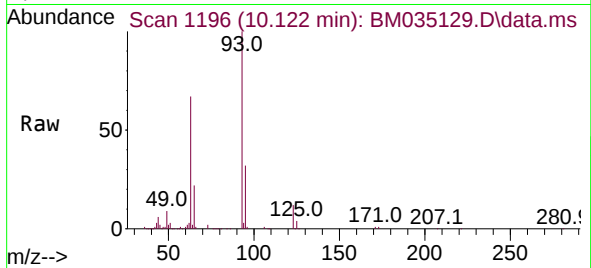
Tgt Ion: 93 Resp: 225243

Ion Ratio Lower Upper

93 100

95 32.3 25.8 38.6

123 11.5 9.2 13.8



#29

2,4-Dichlorophenol

Concen: 21.909 ng/ul

RT: 10.357 min Scan# 1236

Delta R.T. 0.000 min

Lab File: BM035129.D

Acq: 17 May 2022 13:27

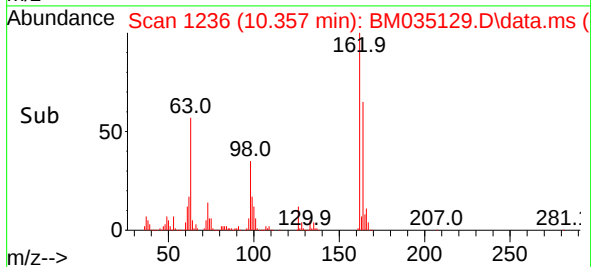
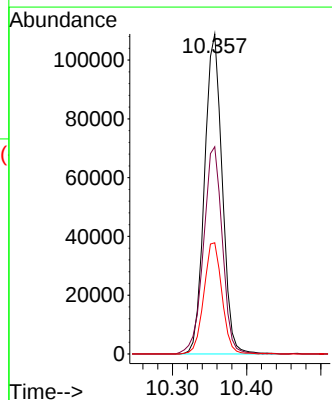
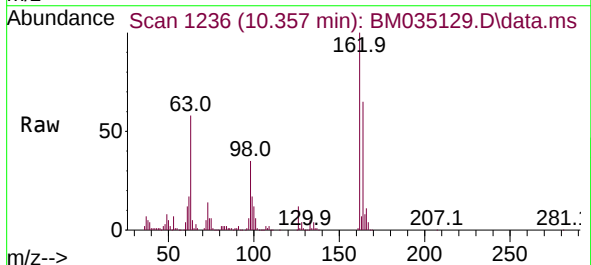
Tgt Ion:162 Resp: 180295

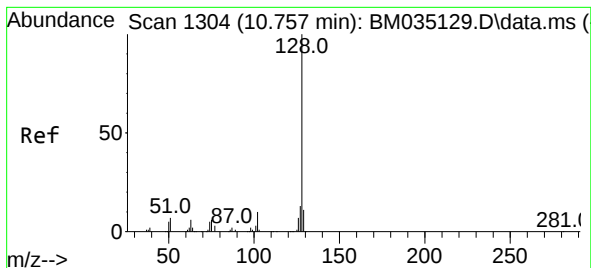
Ion Ratio Lower Upper

162 100

164 64.7 53.0 79.4

98 34.7 27.4 41.0

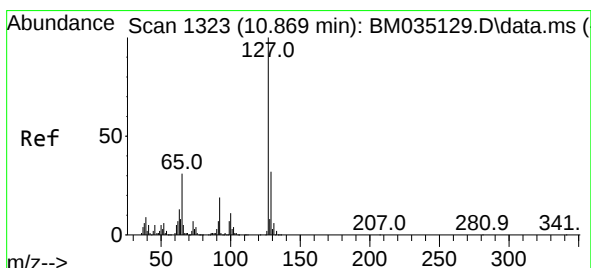
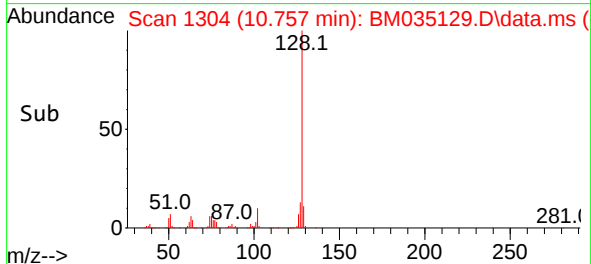
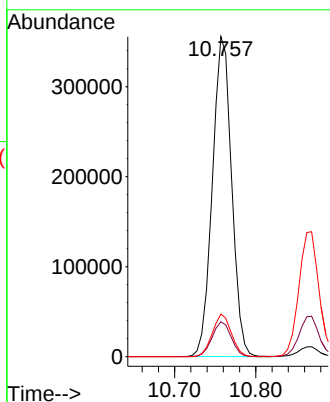
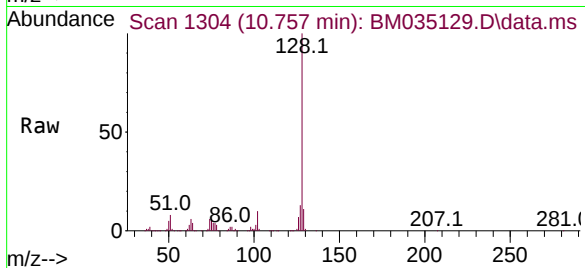




#30
Naphthalene
Concen: 20.397 ng/ul
RT: 10.757 min Scan# 1304
Delta R.T. 0.000 min
Lab File: BM035129.D
Acq: 17 May 2022 13:27

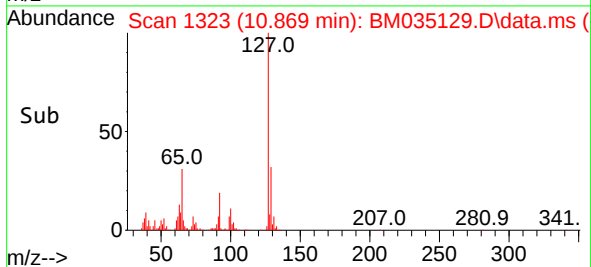
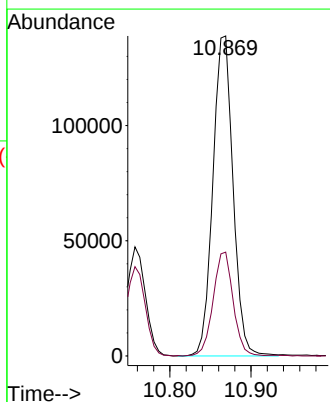
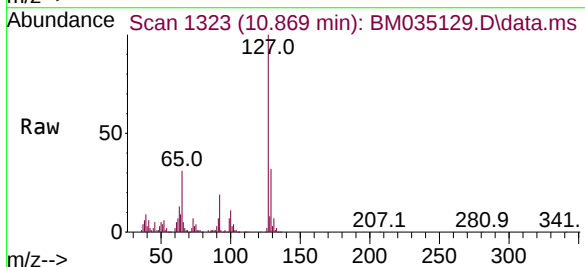
Instrument :
BNA_M
ClientSampleId :
SSTD020042

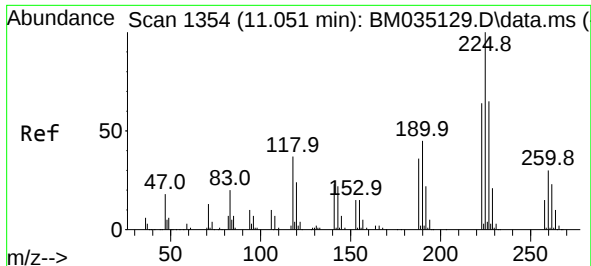
Tgt Ion:128 Resp: 585900
Ion Ratio Lower Upper
128 100
129 10.9 9.1 13.7
127 13.3 10.6 16.0



#32
4-Chloroaniline
Concen: 19.909 ng/ul
RT: 10.869 min Scan# 1323
Delta R.T. 0.000 min
Lab File: BM035129.D
Acq: 17 May 2022 13:27

Tgt Ion:127 Resp: 239967
Ion Ratio Lower Upper
127 100
129 32.4 25.4 38.2

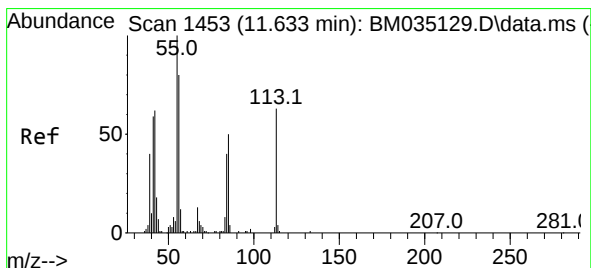
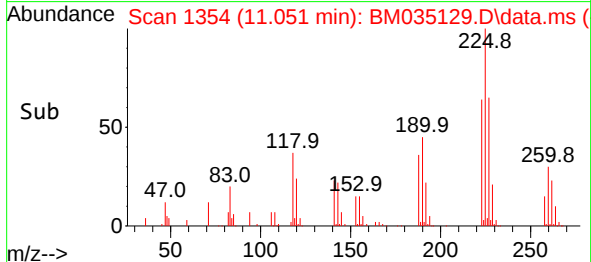
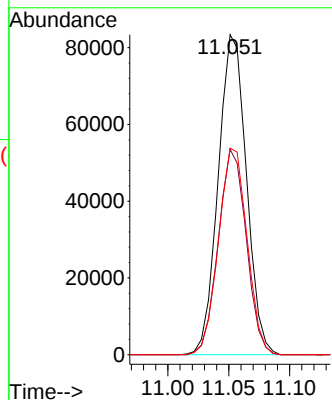
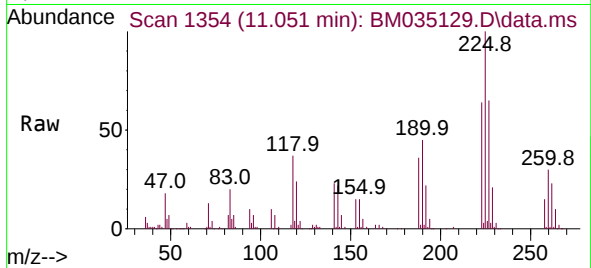




#33
Hexachlorobutadiene
Concen: 24.937 ng/ul
RT: 11.051 min Scan# 11
Delta R.T. 0.000 min
Lab File: BM035129.D
Acq: 17 May 2022 13:27

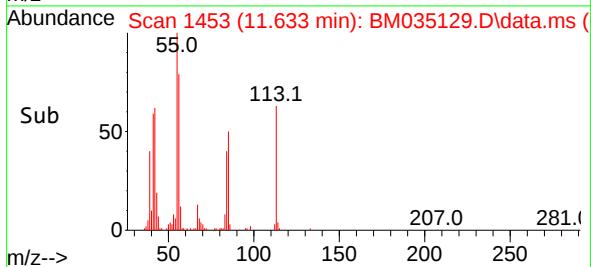
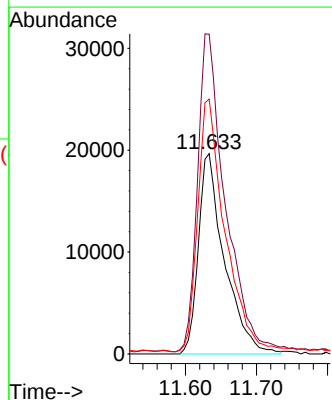
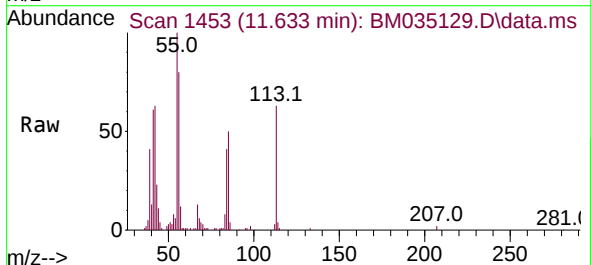
Instrument :
BNA_M
ClientSampleId :
SSTD020042

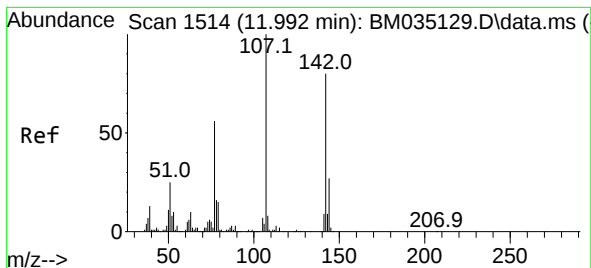
Tgt Ion:225 Resp: 134504
Ion Ratio Lower Upper
225 100
223 64.1 49.8 74.8
227 64.5 49.6 74.4



#34
Caprolactam
Concen: 20.400 ng/ul
RT: 11.633 min Scan# 1453
Delta R.T. 0.000 min
Lab File: BM035129.D
Acq: 17 May 2022 13:27

Tgt Ion:113 Resp: 50197
Ion Ratio Lower Upper
113 100
55 159.7 130.6 195.8
56 127.3 104.3 156.5

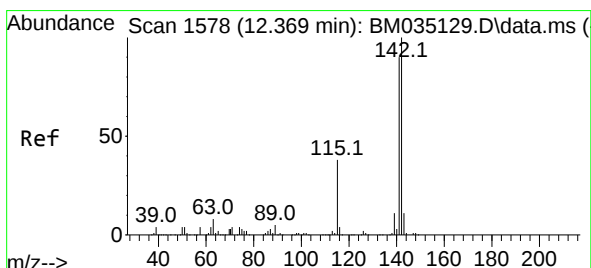
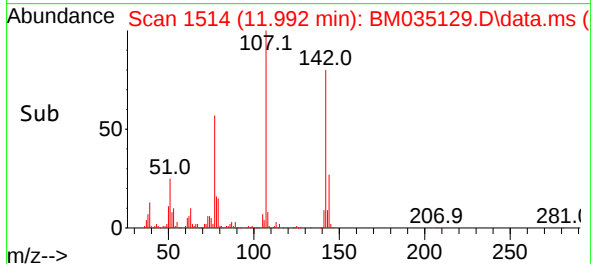
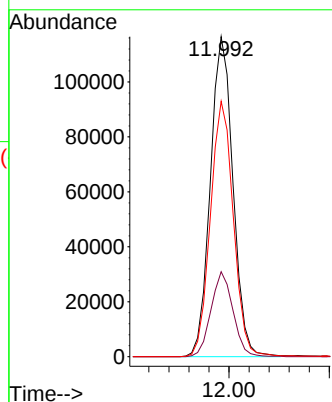
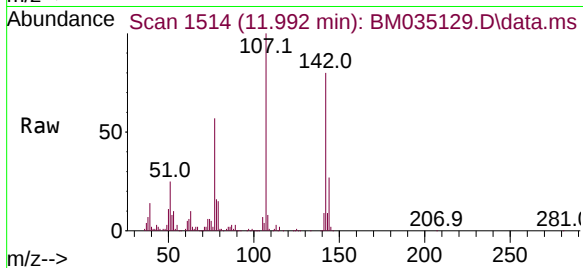




#35
4-Chloro-3-methylphenol
Concen: 20.672 ng/ul
RT: 11.992 min Scan# 1514
Delta R.T. 0.000 min
Lab File: BM035129.D
Acq: 17 May 2022 13:27

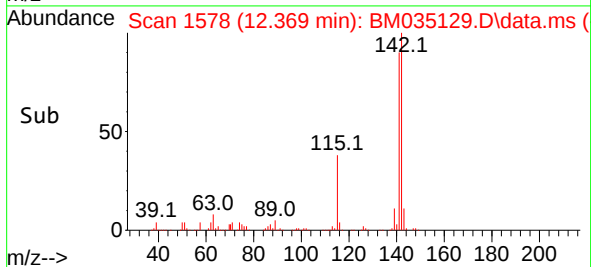
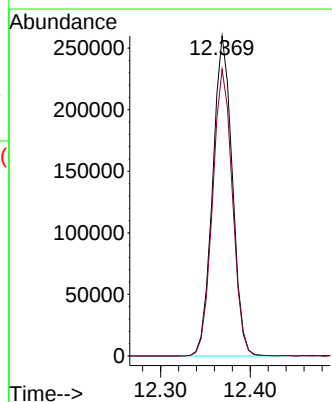
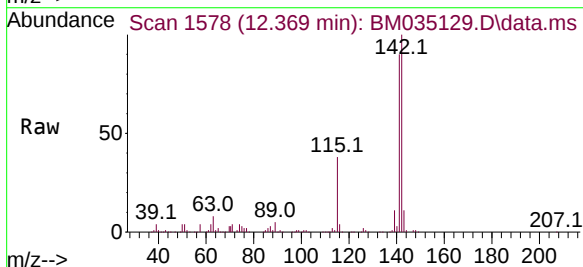
Instrument :
BNA_M
ClientSampleId :
SSTD020042

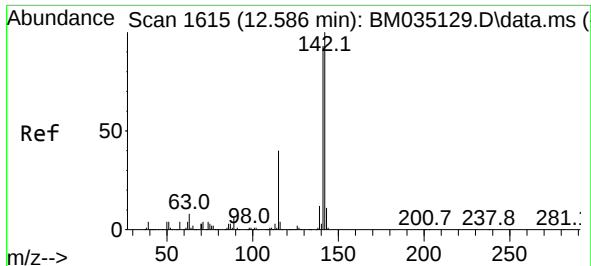
Tgt Ion:107 Resp: 182869
Ion Ratio Lower Upper
107 100
144 26.6 21.5 32.3
142 79.8 66.8 100.2



#36
2-Methylnaphthalene
Concen: 19.889 ng/ul
RT: 12.369 min Scan# 1578
Delta R.T. 0.000 min
Lab File: BM035129.D
Acq: 17 May 2022 13:27

Tgt Ion:142 Resp: 394998
Ion Ratio Lower Upper
142 100
141 89.6 72.2 108.2





#37

1-Methylnaphthalene

Concen: 19.830 ng/ul

RT: 12.586 min Scan# 1

Delta R.T. 0.000 min

Lab File: BM035129.D

Acq: 17 May 2022 13:27

Instrument :

BNA_M

ClientSampleId :

SSTD020042

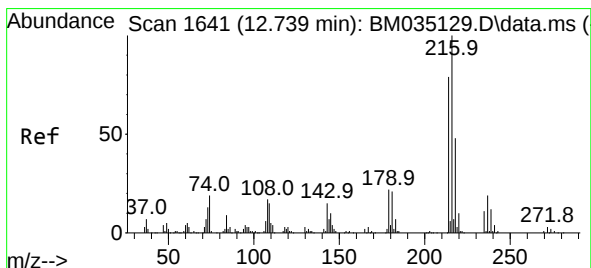
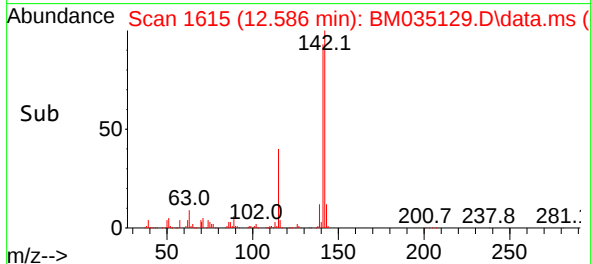
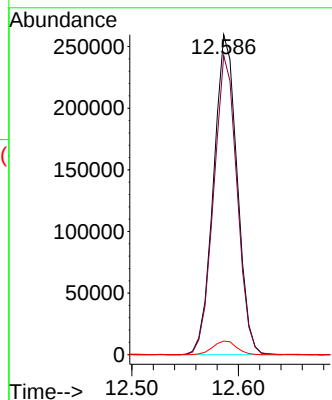
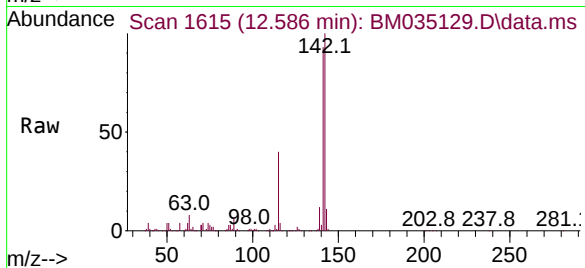
Tgt Ion:142 Resp: 398235

Ion Ratio Lower Upper

142 100

141 93.5 73.0 109.4

116 4.2 3.2 4.8



#39

1,2,4,5-Tetrachlorobenzene

Concen: 23.181 ng/ul

RT: 12.739 min Scan# 1641

Delta R.T. 0.000 min

Lab File: BM035129.D

Acq: 17 May 2022 13:27

Tgt Ion:216 Resp: 227845

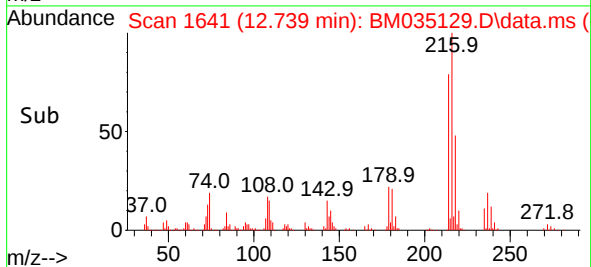
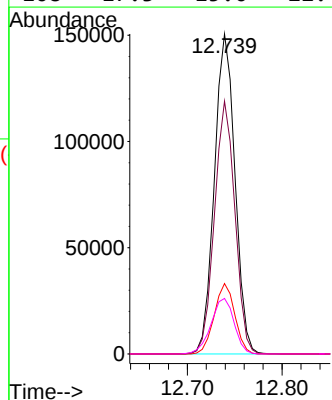
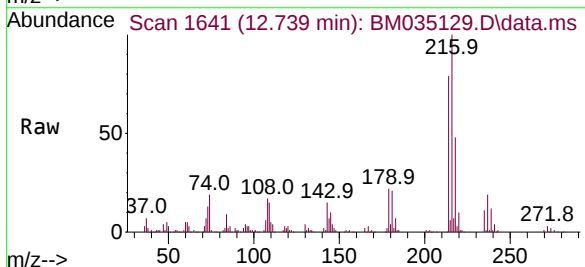
Ion Ratio Lower Upper

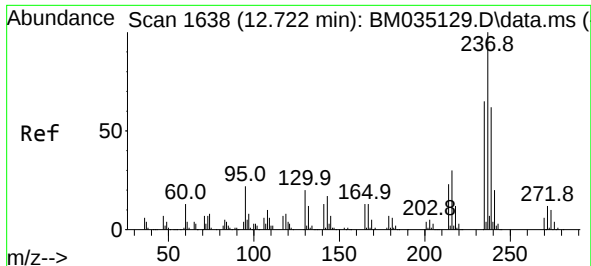
216 100

214 79.0 64.5 96.7

179 22.0 17.9 26.9

108 17.3 15.0 22.4

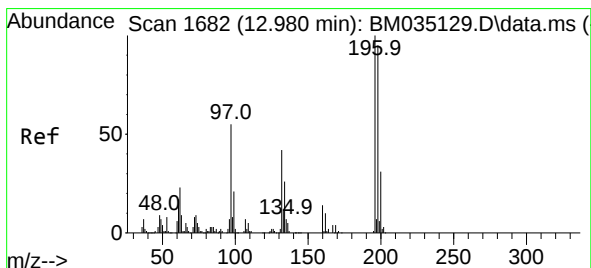
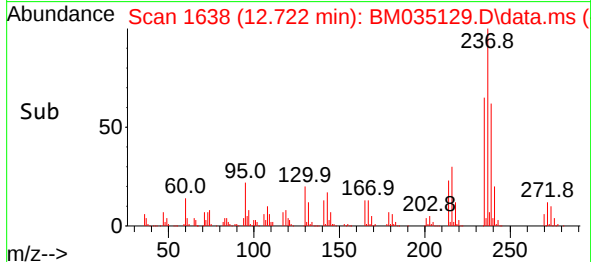
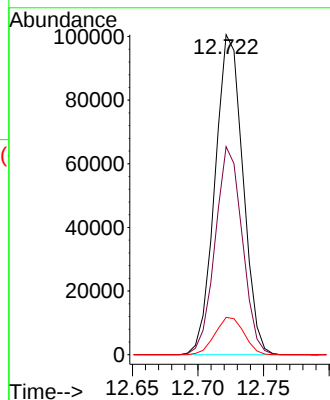
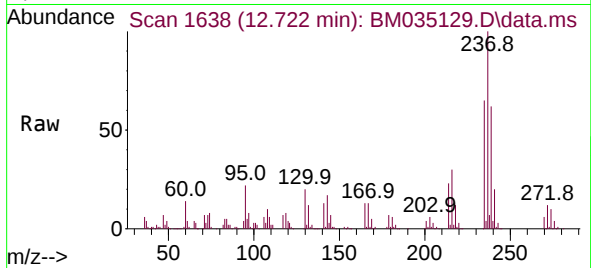




#40
Hexachlorocyclopentadiene
Concen: 21.854 ng/ul
RT: 12.722 min Scan# 1638
Delta R.T. 0.000 min
Lab File: BM035129.D
Acq: 17 May 2022 13:27

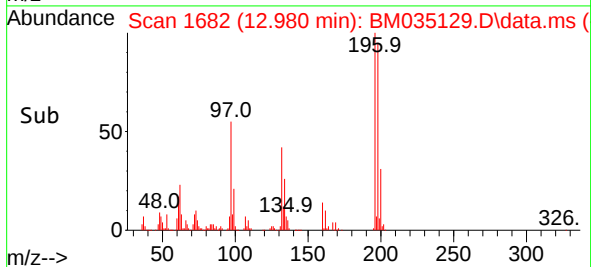
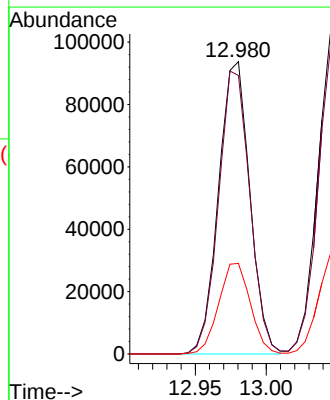
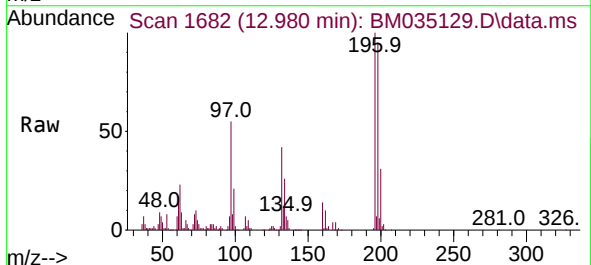
Instrument :
BNA_M
ClientSampleId :
SSTD020042

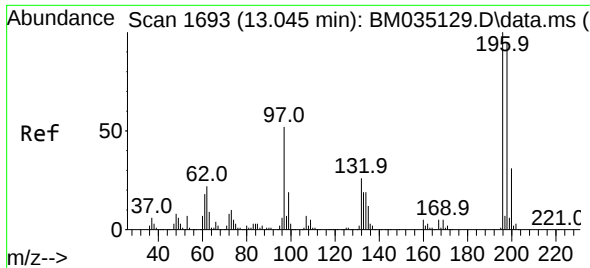
Tgt Ion:237 Resp: 148974
Ion Ratio Lower Upper
237 100
235 65.0 49.2 73.8
272 11.7 10.0 15.0



#41
2,4,6-Trichlorophenol
Concen: 22.991 ng/ul
RT: 12.980 min Scan# 1682
Delta R.T. 0.000 min
Lab File: BM035129.D
Acq: 17 May 2022 13:27

Tgt Ion:196 Resp: 143860
Ion Ratio Lower Upper
196 100
198 95.3 78.5 117.7
200 31.0 25.0 37.6

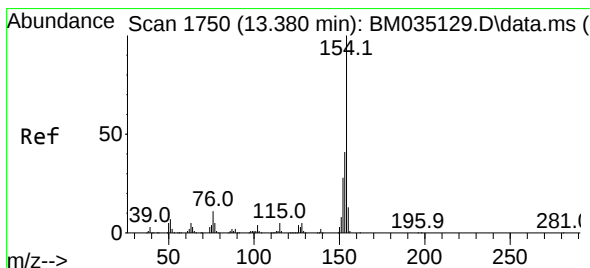
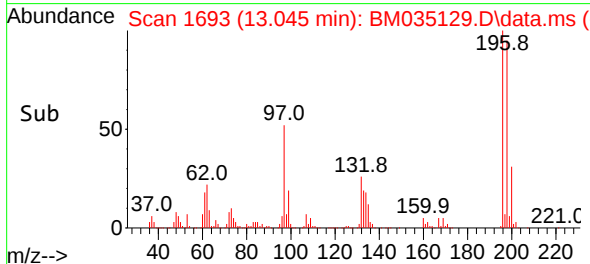
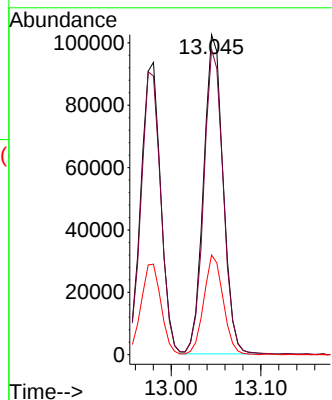
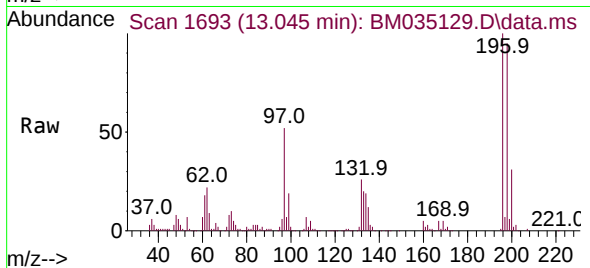




#42
2,4,5-Trichlorophenol
Concen: 23.107 ng/ul
RT: 13.045 min Scan# 1693
Delta R.T. 0.000 min
Lab File: BM035129.D
Acq: 17 May 2022 13:27

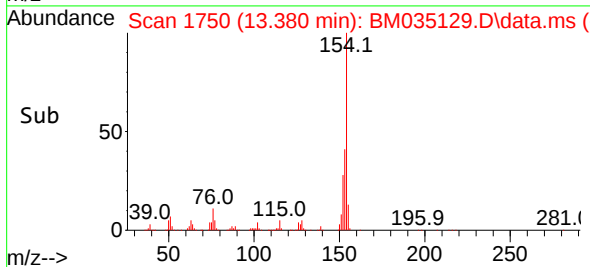
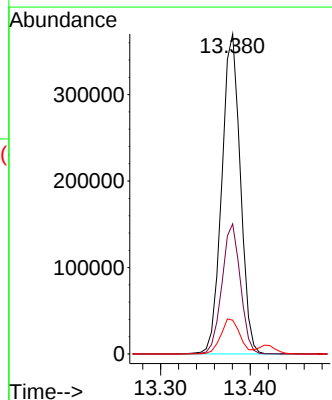
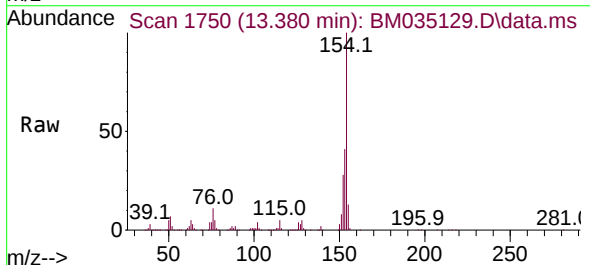
Instrument :
BNA_M
ClientSampleId :
SSTD020042

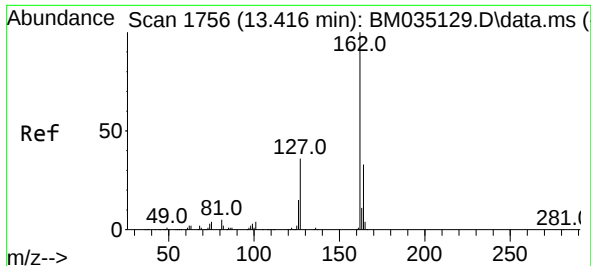
Tgt Ion:196 Resp: 154894
Ion Ratio Lower Upper
196 100
198 95.3 77.7 116.5
200 31.1 25.0 37.4



#43
1,1'-Biphenyl
Concen: 19.983 ng/ul
RT: 13.380 min Scan# 1750
Delta R.T. 0.000 min
Lab File: BM035129.D
Acq: 17 May 2022 13:27

Tgt Ion:154 Resp: 530556
Ion Ratio Lower Upper
154 100
153 40.6 32.2 48.2
76 10.5 8.6 12.8

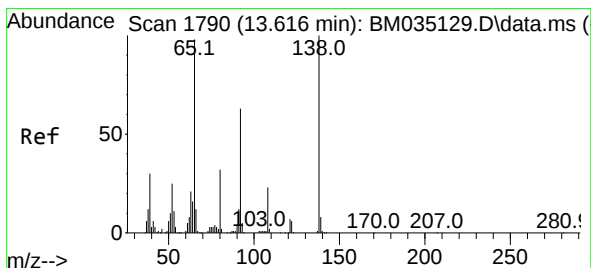
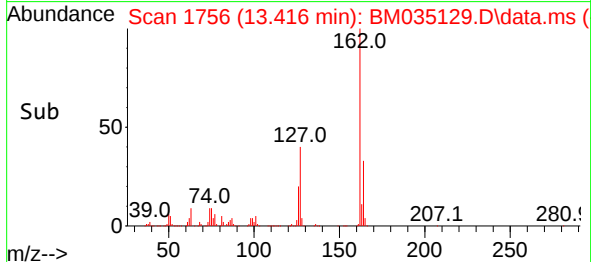
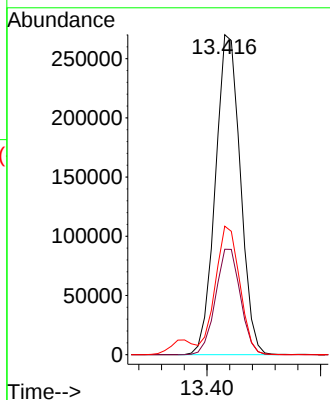
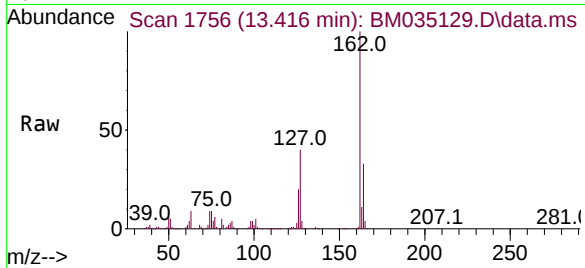




#44
2-Chloronaphthalene
Concen: 20.408 ng/ul
RT: 13.416 min Scan# 1756
Delta R.T. 0.000 min
Lab File: BM035129.D
Acq: 17 May 2022 13:27

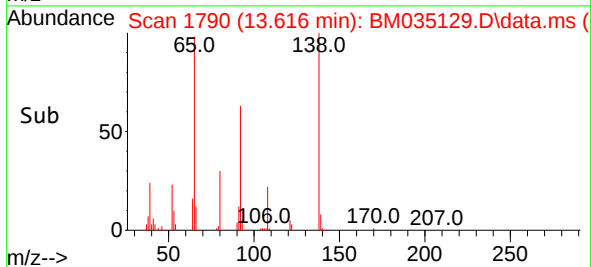
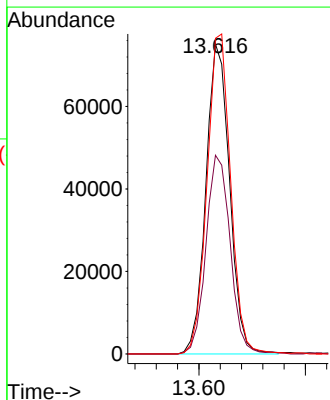
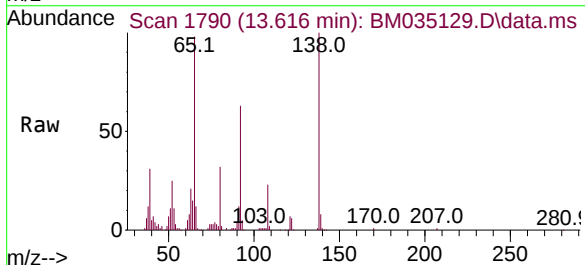
Instrument :
BNA_M
ClientSampleId :
SSTD020042

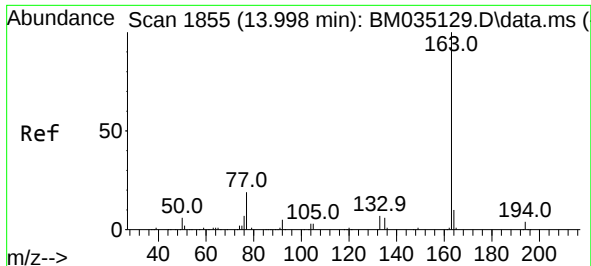
Tgt Ion:162 Resp: 412635
Ion Ratio Lower Upper
162 100
164 32.9 25.7 38.5
127 40.2 29.8 44.8



#45
2-Nitroaniline
Concen: 20.226 ng/ul
RT: 13.616 min Scan# 1790
Delta R.T. 0.000 min
Lab File: BM035129.D
Acq: 17 May 2022 13:27

Tgt Ion: 65 Resp: 116098
Ion Ratio Lower Upper
65 100
92 64.1 55.9 83.9
138 101.8 87.3 130.9

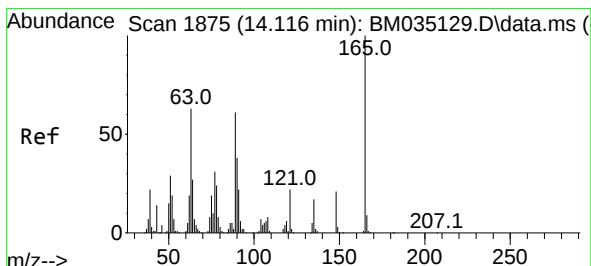
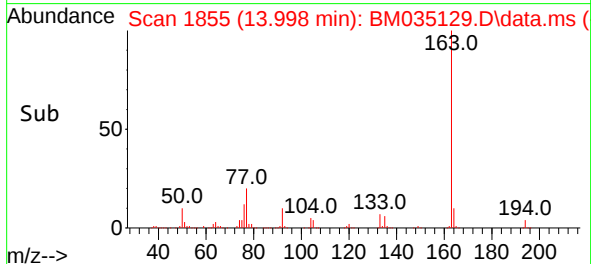
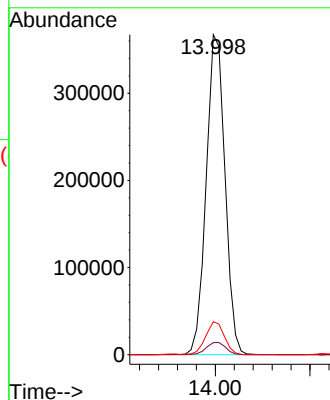
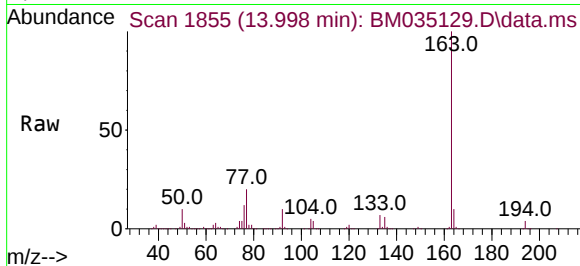




#47
Dimethylphthalate
Concen: 20.338 ng/ul
RT: 13.998 min Scan# 1855
Delta R.T. 0.000 min
Lab File: BM035129.D
Acq: 17 May 2022 13:27

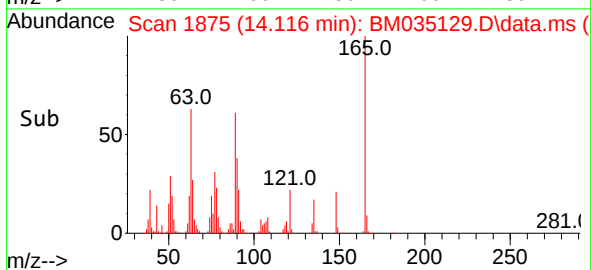
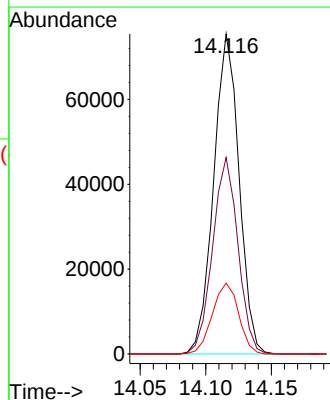
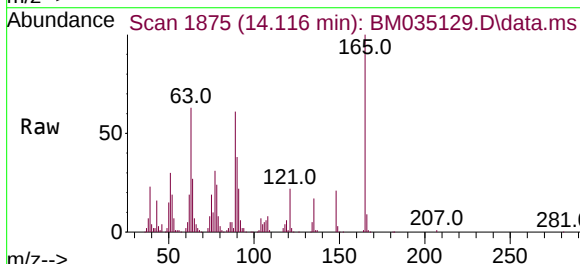
Instrument :
BNA_M
ClientSampleId :
SSTD020042

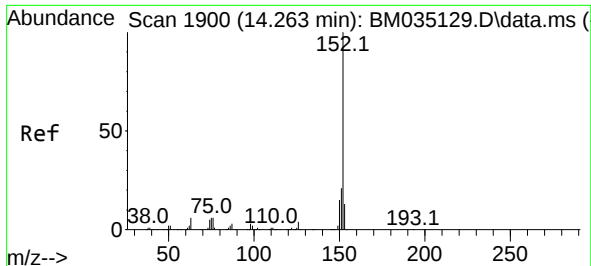
Tgt Ion:163 Resp: 506435
Ion Ratio Lower Upper
163 100
194 3.7 3.4 5.0
164 10.3 8.2 12.4



#48
2,6-Dinitrotoluene
Concen: 21.480 ng/ul
RT: 14.116 min Scan# 1875
Delta R.T. 0.000 min
Lab File: BM035129.D
Acq: 17 May 2022 13:27

Tgt Ion:165 Resp: 101588
Ion Ratio Lower Upper
165 100
89 61.4 43.1 64.7
121 22.2 16.6 24.8

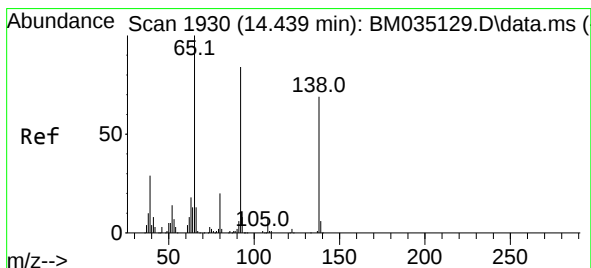
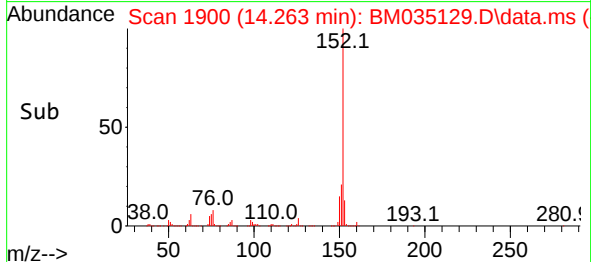
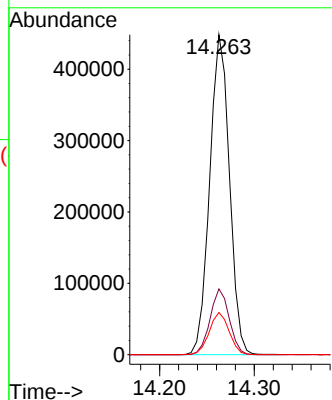
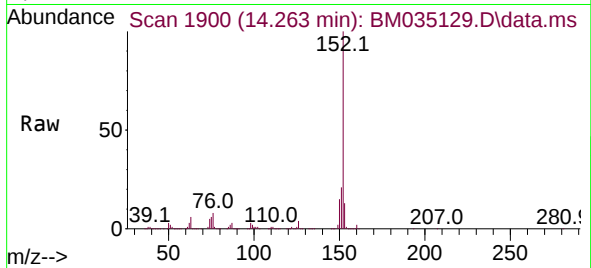




#50
Acenaphthylene
Concen: 20.166 ng/ul
RT: 14.263 min Scan# 1900
Delta R.T. 0.000 min
Lab File: BM035129.D
Acq: 17 May 2022 13:27

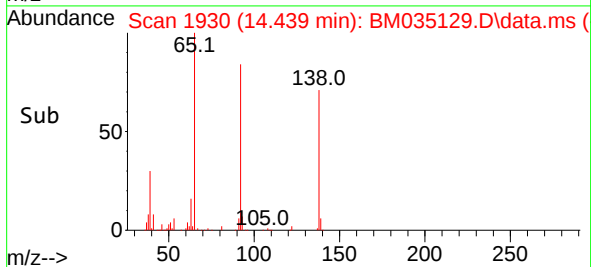
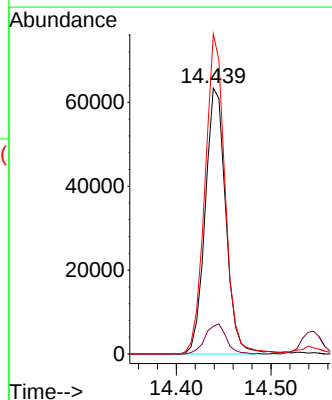
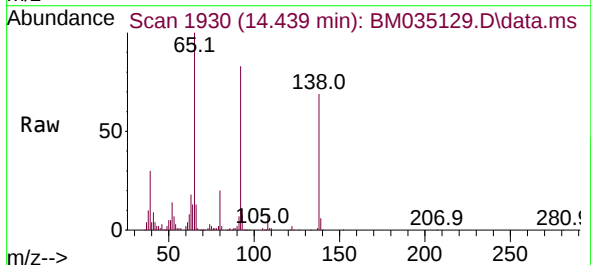
Instrument :
BNA_M
ClientSampleId :
SSTD020042

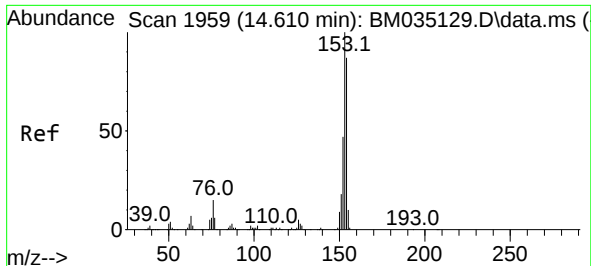
Tgt Ion:152 Resp: 647906
Ion Ratio Lower Upper
152 100
151 20.5 15.3 22.9
153 13.2 10.2 15.4



#51
3-Nitroaniline
Concen: 22.139 ng/ul
RT: 14.439 min Scan# 1930
Delta R.T. 0.000 min
Lab File: BM035129.D
Acq: 17 May 2022 13:27

Tgt Ion:138 Resp: 95877
Ion Ratio Lower Upper
138 100
108 10.4 10.2 15.4
92 120.3 85.4 128.0

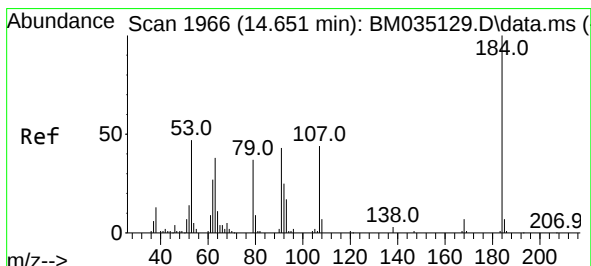
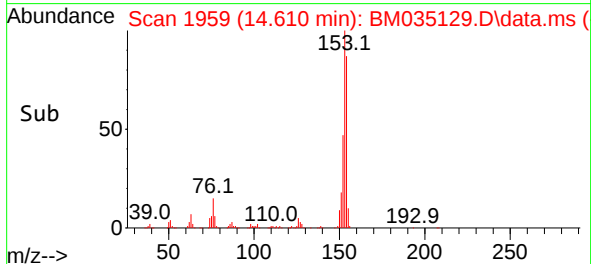
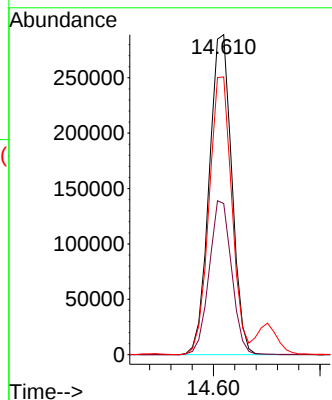
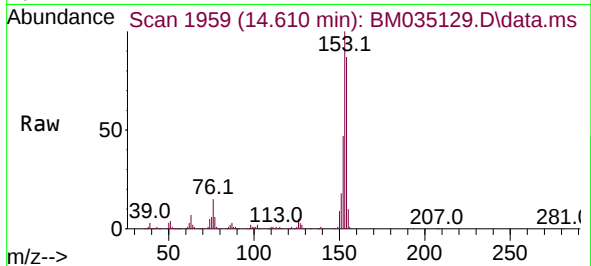




#52
Acenaphthene
Concen: 19.892 ng/ul
RT: 14.610 min Scan# 1959
Delta R.T. 0.000 min
Lab File: BM035129.D
Acq: 17 May 2022 13:27

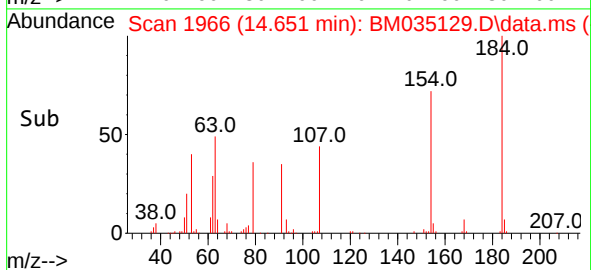
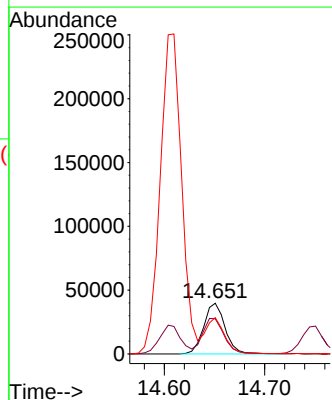
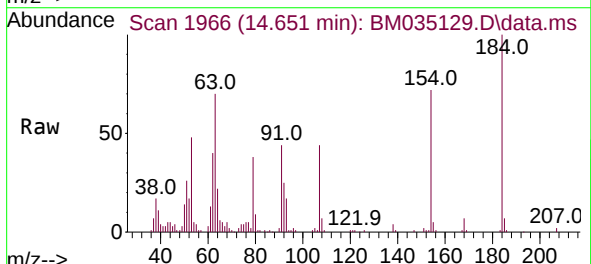
Instrument :
BNA_M
ClientSampleId :
SSTD020042

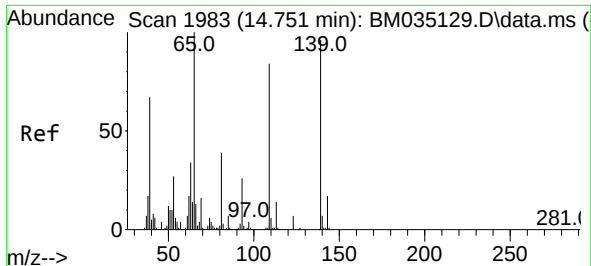
Tgt Ion:153 Resp: 427161
Ion Ratio Lower Upper
153 100
152 47.2 37.5 56.3
154 86.8 71.0 106.4



#53
2,4-Dinitrophenol
Concen: 21.359 ng/ul
RT: 14.651 min Scan# 1966
Delta R.T. 0.000 min
Lab File: BM035129.D
Acq: 17 May 2022 13:27

Tgt Ion:184 Resp: 58930
Ion Ratio Lower Upper
184 100
63 69.6 51.8 77.6
154 71.7 54.3 81.5

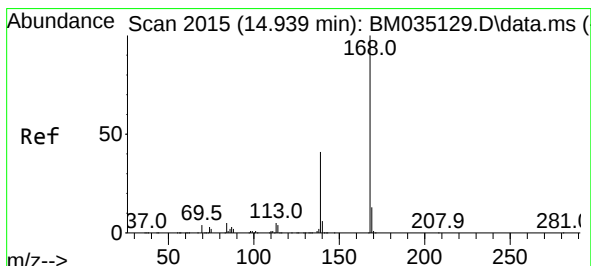
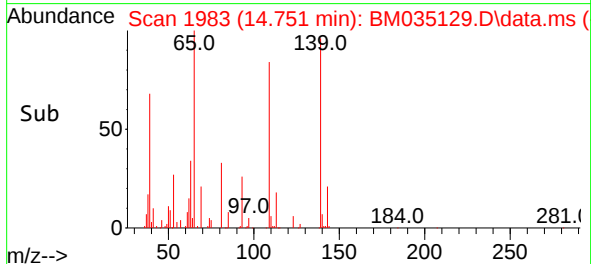
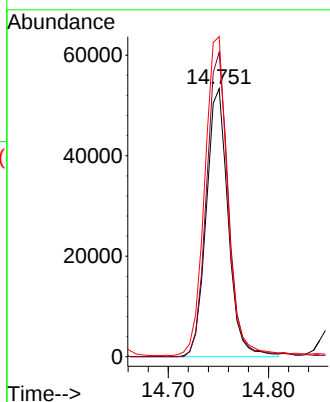
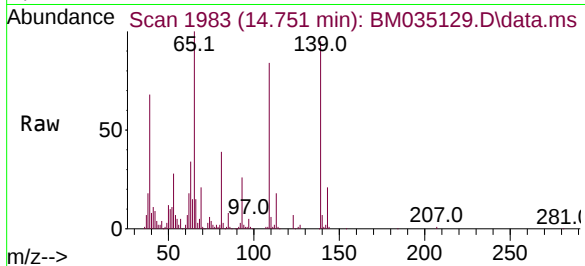




#55
4-Nitrophenol
Concen: 21.404 ng/ul
RT: 14.751 min Scan# 1983
Delta R.T. 0.000 min
Lab File: BM035129.D
Acq: 17 May 2022 13:27

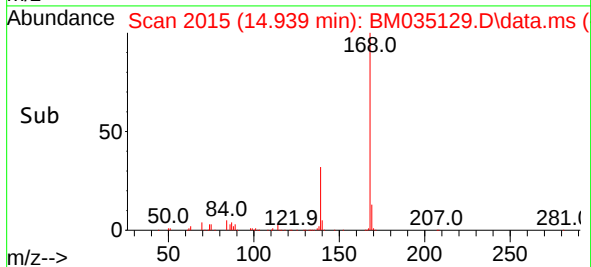
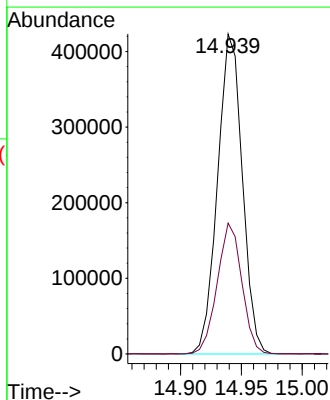
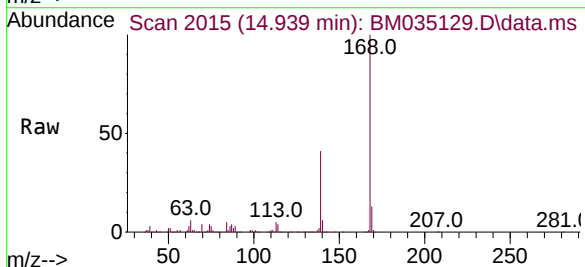
Instrument :
BNA_M
ClientSampleId :
SSTD020042

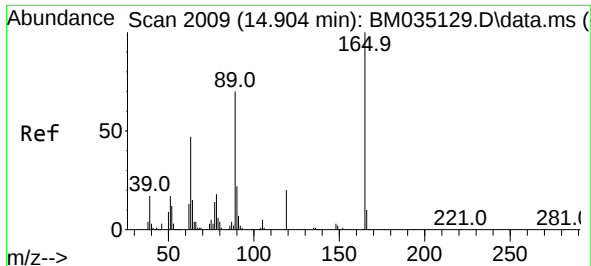
Tgt Ion:109 Resp: 81052
Ion Ratio Lower Upper
109 100
139 113.6 104.6 156.8
65 119.4 100.6 150.8



#56
Dibenzofuran
Concen: 20.252 ng/ul
RT: 14.939 min Scan# 2015
Delta R.T. 0.000 min
Lab File: BM035129.D
Acq: 17 May 2022 13:27

Tgt Ion:168 Resp: 598946
Ion Ratio Lower Upper
168 100
139 40.9 30.0 45.0

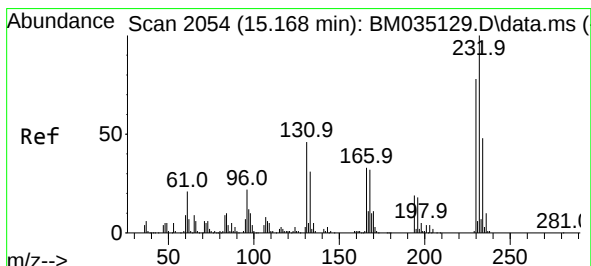
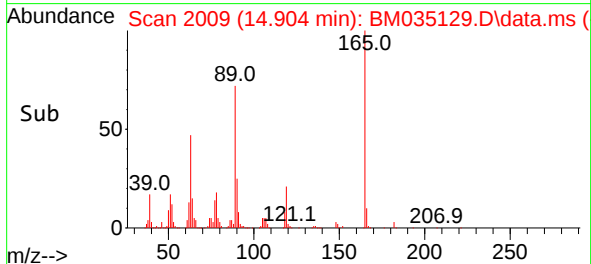
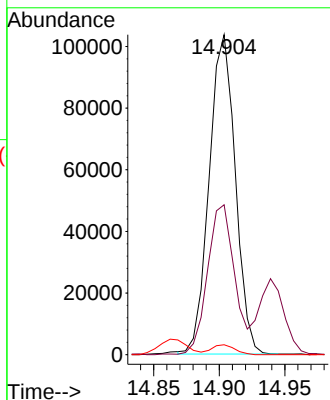
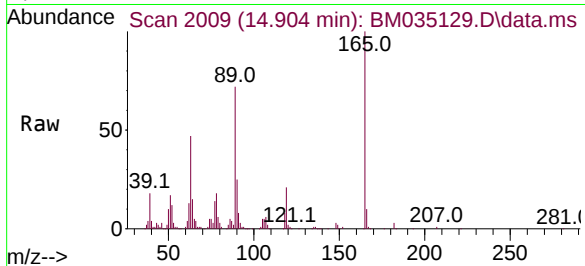




#57
2,4-Dinitrotoluene
Concen: 21.531 ng/ul
RT: 14.904 min Scan# 2009
Delta R.T. 0.000 min
Lab File: BM035129.D
Acq: 17 May 2022 13:27

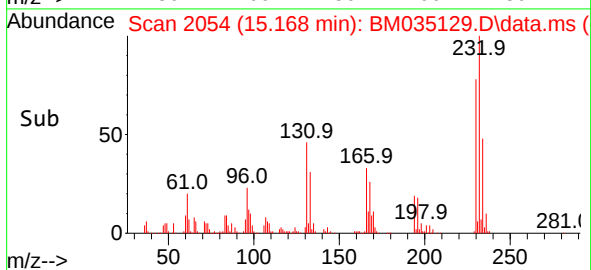
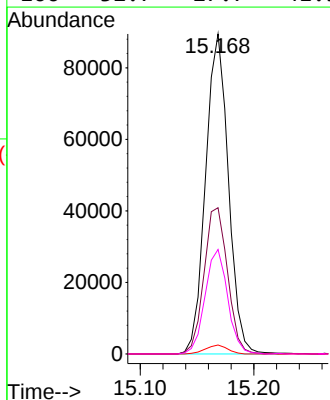
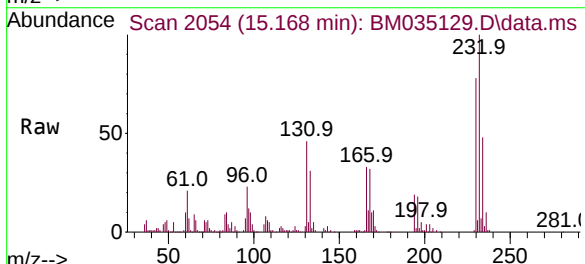
Instrument :
BNA_M
ClientSampleId :
SSTD020042

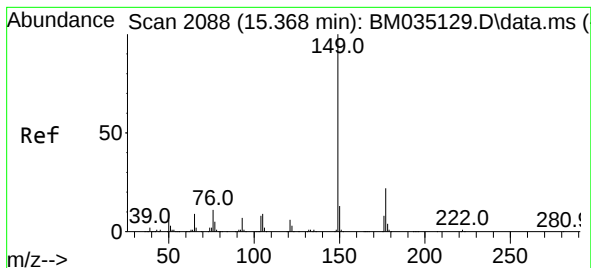
Tgt Ion:165 Resp: 143637
Ion Ratio Lower Upper
165 100
63 46.9 34.2 51.4
182 3.1 2.2 3.2



#58
2,3,4,6-Tetrachlorophenol
Concen: 23.764 ng/ul
RT: 15.168 min Scan# 2054
Delta R.T. 0.000 min
Lab File: BM035129.D
Acq: 17 May 2022 13:27

Tgt Ion:232 Resp: 124900
Ion Ratio Lower Upper
232 100
131 45.7 39.6 59.4
130 2.8 2.1 3.1
166 32.7 27.7 41.5





#59

Diethylphthalate

Concen: 20.190 ng/ul

RT: 15.368 min Scan# 2088

Delta R.T. 0.000 min

Lab File: BM035129.D

Acq: 17 May 2022 13:27

Instrument :

BNA_M

ClientSampleId :

SSTD020042

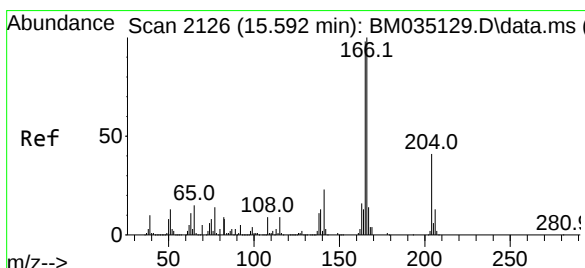
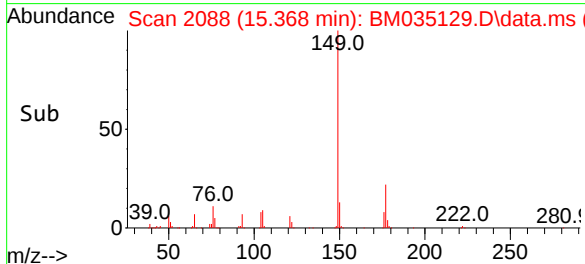
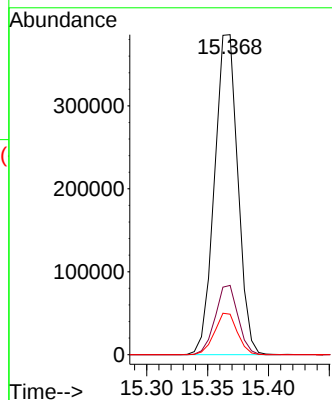
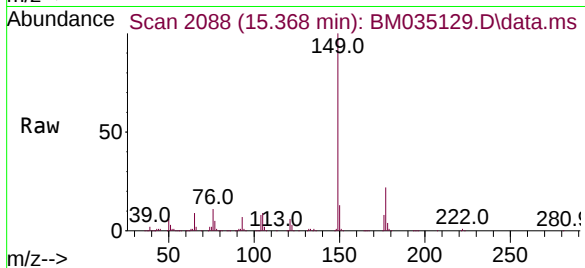
Tgt Ion:149 Resp: 514947

Ion Ratio Lower Upper

149 100

177 21.6 17.2 25.8

150 12.7 9.8 14.6



#61

Fluorene

Concen: 20.239 ng/ul

RT: 15.592 min Scan# 2126

Delta R.T. 0.000 min

Lab File: BM035129.D

Acq: 17 May 2022 13:27

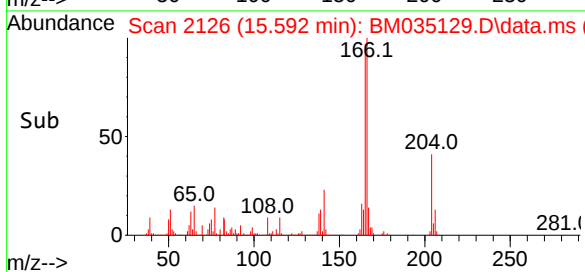
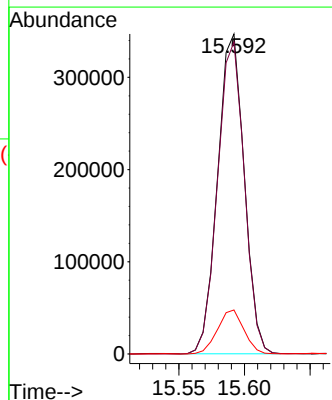
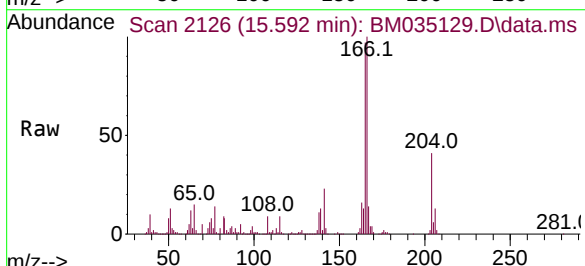
Tgt Ion:166 Resp: 489667

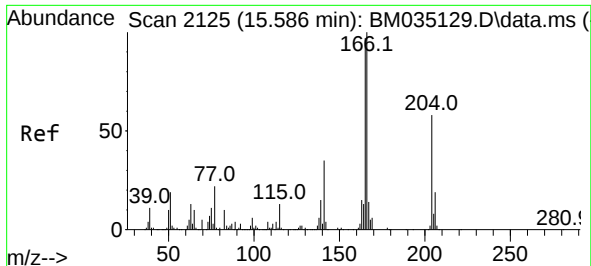
Ion Ratio Lower Upper

166 100

165 97.5 77.9 116.9

167 13.8 10.3 15.5

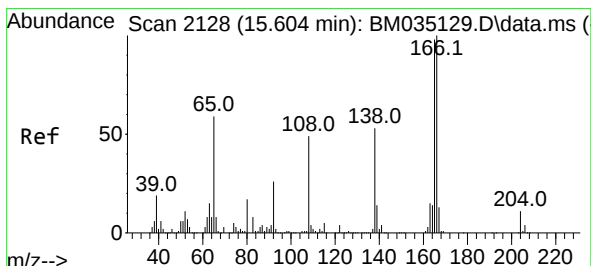
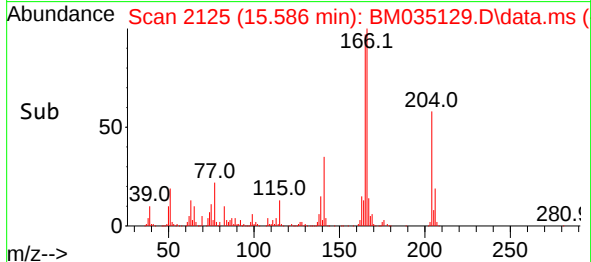
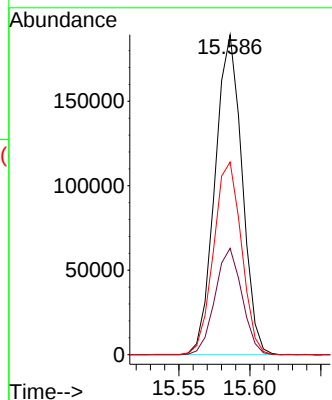
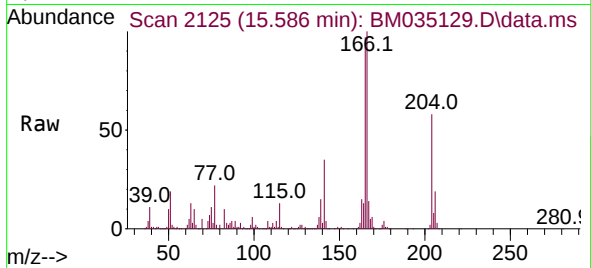




#62
4-Chlorophenyl-phenylether
Concen: 21.333 ng/ul
RT: 15.586 min Scan# 2125
Delta R.T. 0.000 min
Lab File: BM035129.D
Acq: 17 May 2022 13:27

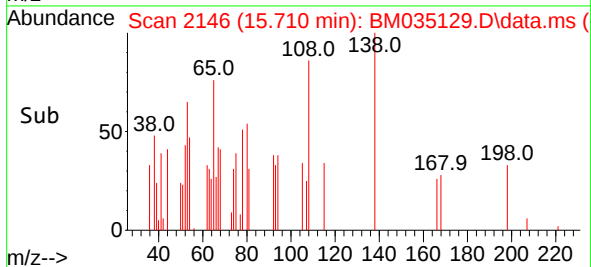
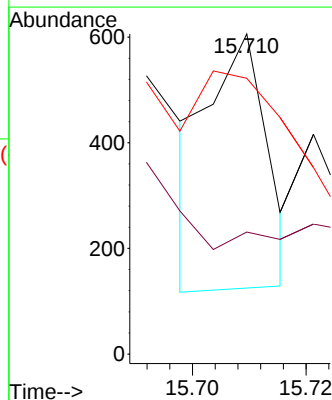
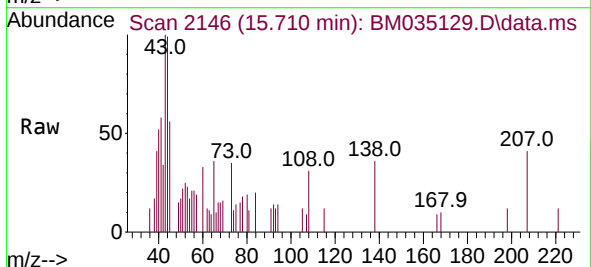
Instrument :
BNA_M
ClientSampleId :
SSTD020042

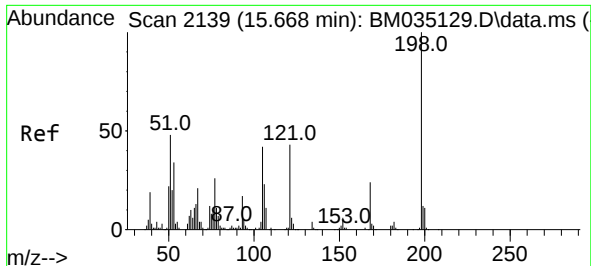
Tgt Ion:204 Resp: 250693
Ion Ratio Lower Upper
204 100
206 33.3 26.2 39.4
141 60.2 49.5 74.3



#63
4-Nitroaniline
Concen: 0.090 ng/ul
RT: 15.710 min Scan# 2146
Delta R.T. 0.106 min
Lab File: BM035129.D
Acq: 17 May 2022 13:27

Tgt Ion:138 Resp: 345
Ion Ratio Lower Upper
138 100
92 38.1 37.2 55.8
108 86.1 58.4 87.6

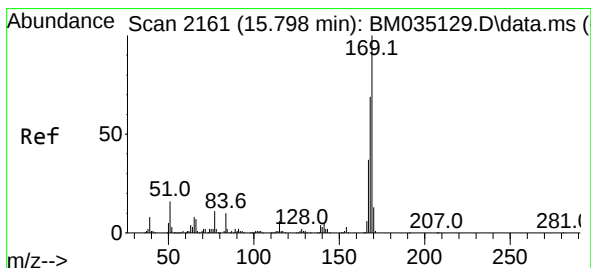
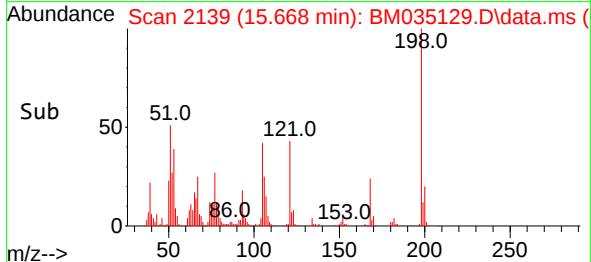
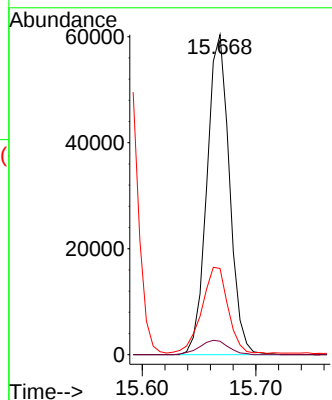
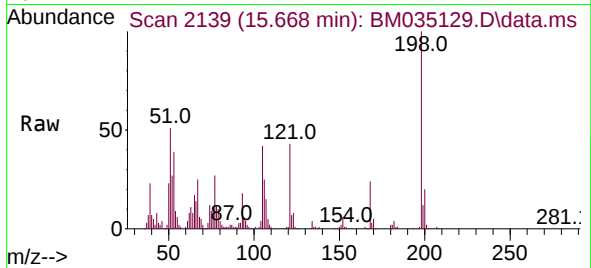




#66
 4,6-Dinitro-2-methylphenol
 Concen: 20.006 ng/ul
 RT: 15.668 min Scan# 2139
 Delta R.T. 0.000 min
 Lab File: BM035129.D
 Acq: 17 May 2022 13:27

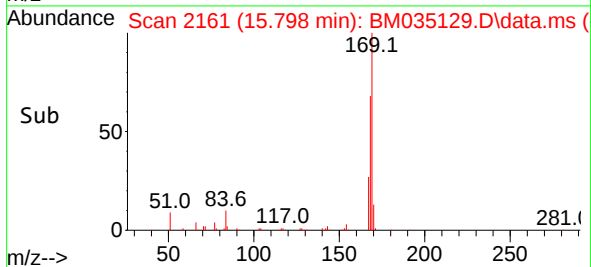
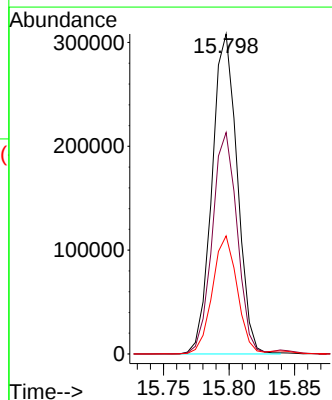
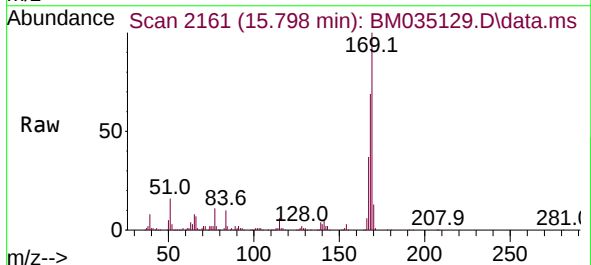
Instrument :
 BNA_M
 ClientSampleId :
 SSTD020042

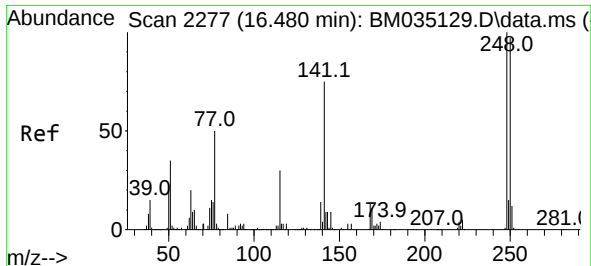
Tgt Ion:198 Resp: 83138
 Ion Ratio Lower Upper
 198 100
 182 4.2 4.6 6.8#
 77 27.0 22.2 33.2



#67
 N-Nitrosodiphenylamine
 Concen: 19.240 ng/ul
 RT: 15.798 min Scan# 2161
 Delta R.T. 0.000 min
 Lab File: BM035129.D
 Acq: 17 May 2022 13:27

Tgt Ion:169 Resp: 412572
 Ion Ratio Lower Upper
 169 100
 168 69.2 54.8 82.2
 167 36.9 28.9 43.3

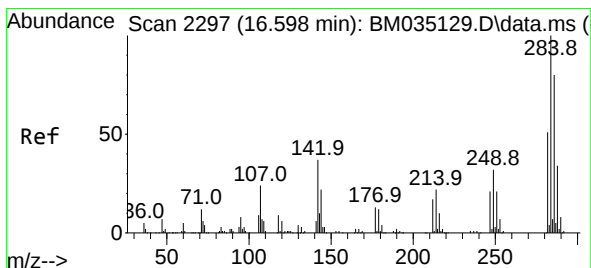
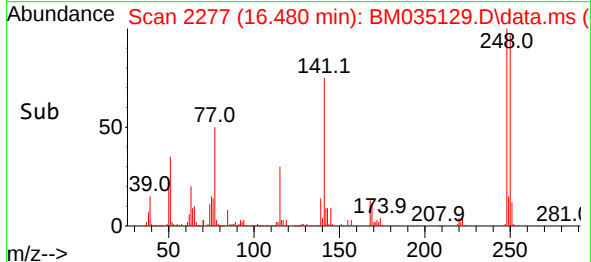
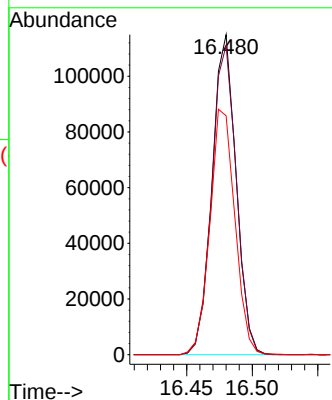
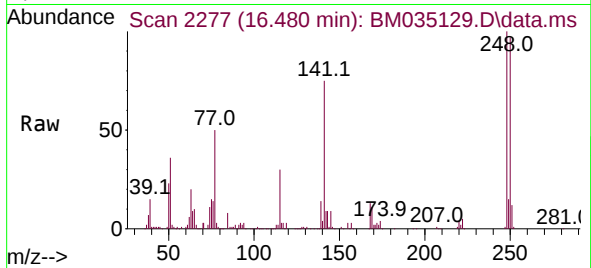




#68
4-Bromophenyl-phenylether
Concen: 21.163 ng/ul
RT: 16.480 min Scan# 2117
Delta R.T. 0.000 min
Lab File: BM035129.D
Acq: 17 May 2022 13:27

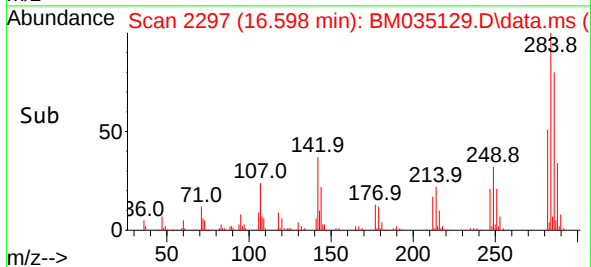
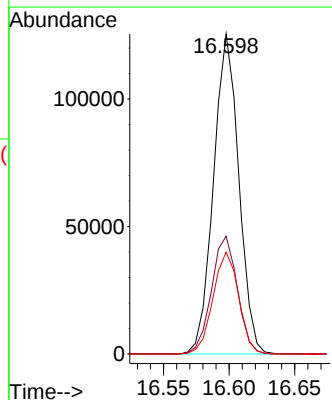
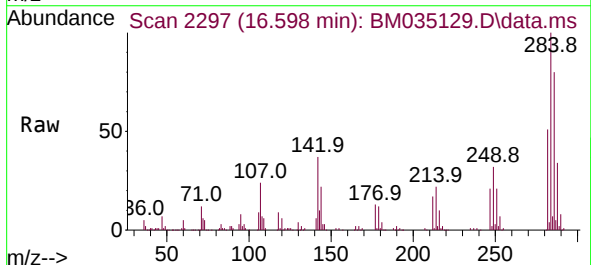
Instrument :
BNA_M
ClientSampleId :
SSTD020042

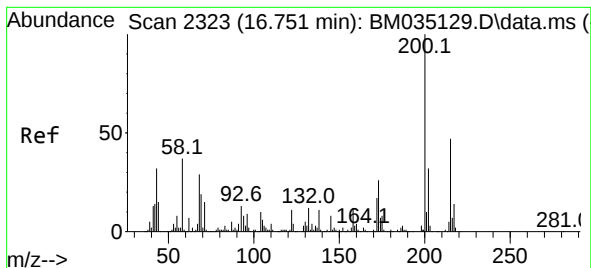
Tgt Ion:248 Resp: 146576
Ion Ratio Lower Upper
248 100
250 96.7 77.9 116.9
141 74.7 61.0 91.4



#69
Hexachlorobenzene
Concen: 21.430 ng/ul
RT: 16.598 min Scan# 2297
Delta R.T. 0.000 min
Lab File: BM035129.D
Acq: 17 May 2022 13:27

Tgt Ion:284 Resp: 167946
Ion Ratio Lower Upper
284 100
142 36.8 31.2 46.8
249 31.9 25.9 38.9





#70

Atrazine

Concen: 20.685 ng/ul

RT: 16.751 min Scan# 2323

Delta R.T. 0.000 min

Lab File: BM035129.D

Acq: 17 May 2022 13:27

Instrument :

BNA_M

ClientSampleId :

SSTD020042

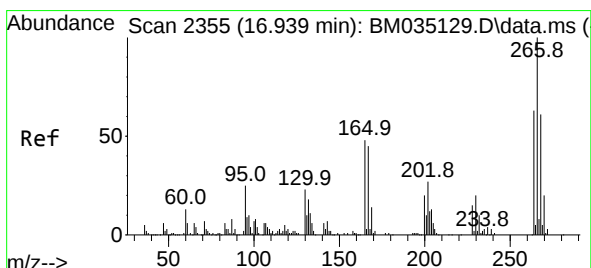
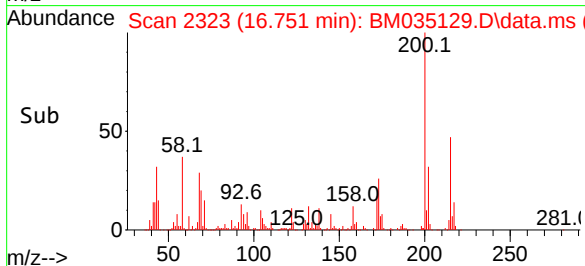
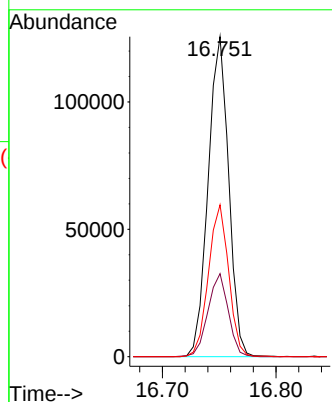
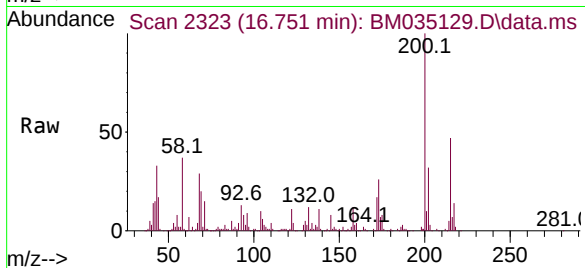
Tgt Ion:200 Resp: 157664

Ion Ratio Lower Upper

200 100

173 26.0 21.3 31.9

215 47.5 37.1 55.7



#71

Pentachlorophenol

Concen: 21.914 ng/ul

RT: 16.939 min Scan# 2355

Delta R.T. 0.000 min

Lab File: BM035129.D

Acq: 17 May 2022 13:27

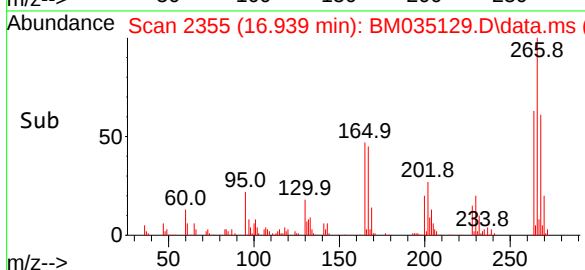
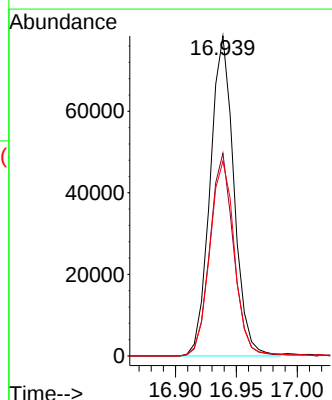
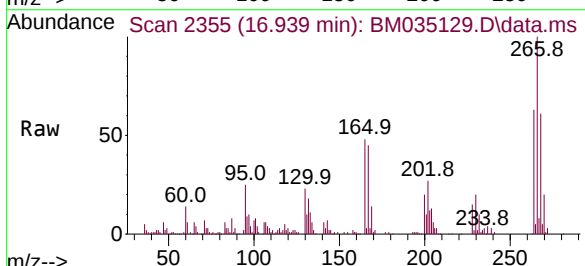
Tgt Ion:266 Resp: 106599

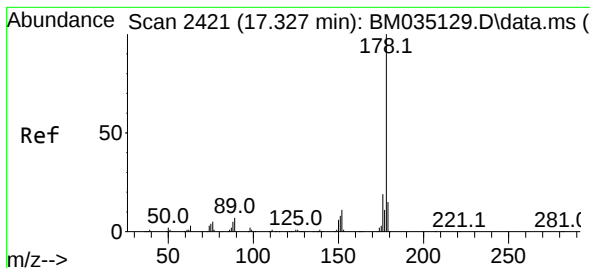
Ion Ratio Lower Upper

266 100

264 63.4 48.4 72.6

268 60.8 50.6 76.0





#72

Phenanthrene

Concen: 19.813 ng/ul

RT: 17.327 min Scan# 2421

Delta R.T. 0.000 min

Lab File: BM035129.D

Acq: 17 May 2022 13:27

Instrument :

BNA_M

ClientSampleId :

SSTD020042

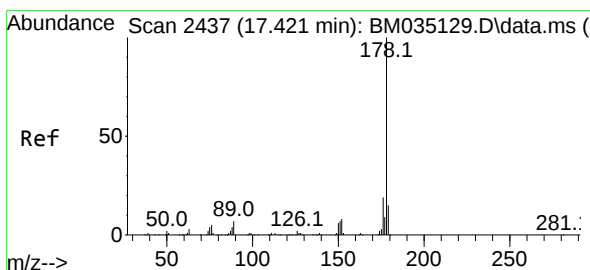
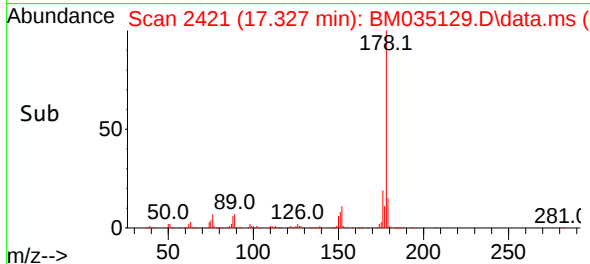
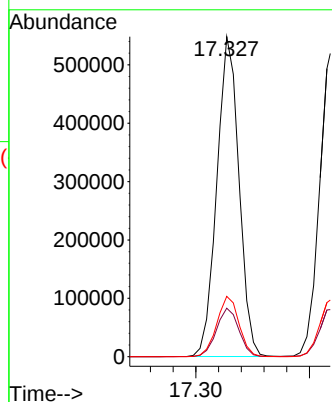
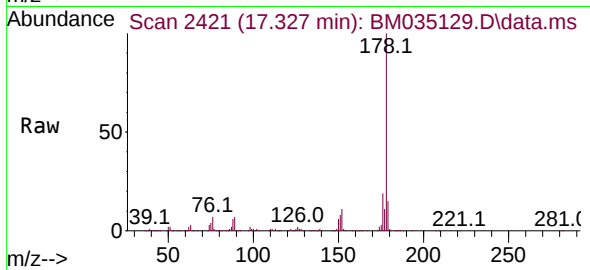
Tgt Ion:178 Resp: 742239

Ion Ratio Lower Upper

178 100

179 15.2 12.2 18.4

176 18.8 15.0 22.6



#74

Anthracene

Concen: 19.985 ng/ul

RT: 17.421 min Scan# 2437

Delta R.T. 0.000 min

Lab File: BM035129.D

Acq: 17 May 2022 13:27

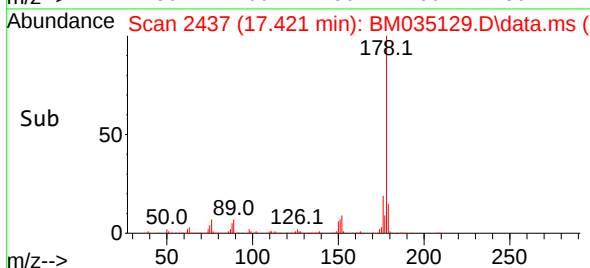
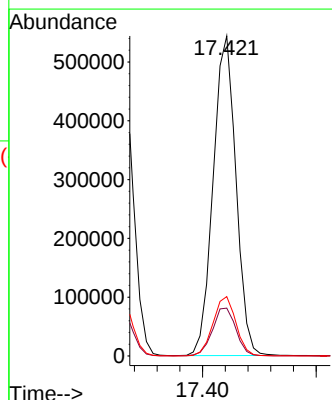
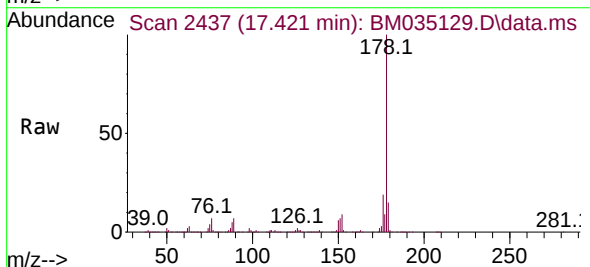
Tgt Ion:178 Resp: 757259

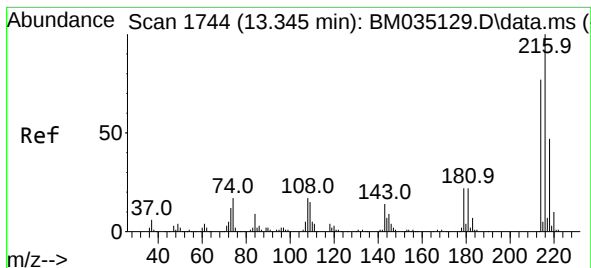
Ion Ratio Lower Upper

178 100

179 15.0 12.2 18.4

176 18.6 14.6 22.0

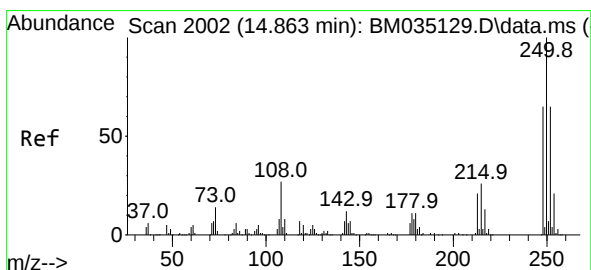
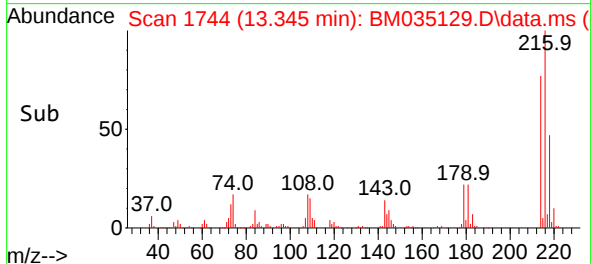
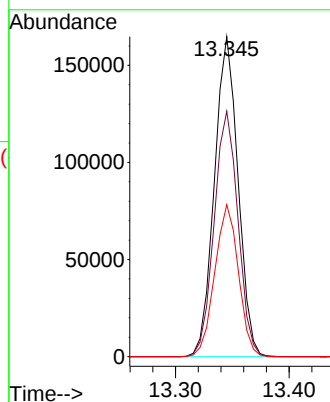
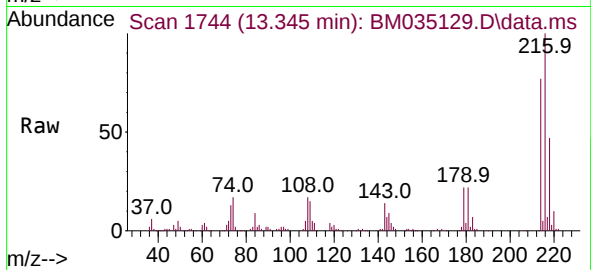




#75
1,2,3,4-Tetrachlorobenzene
Concen: 22.353 ng/uL
RT: 13.345 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM035129.D
Acq: 17 May 2022 13:27

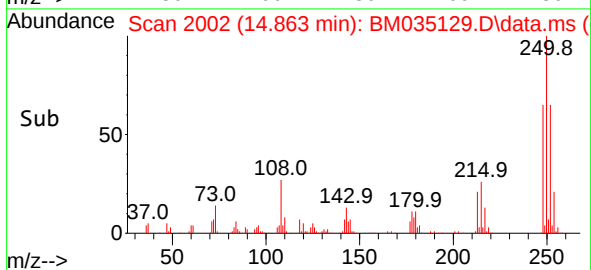
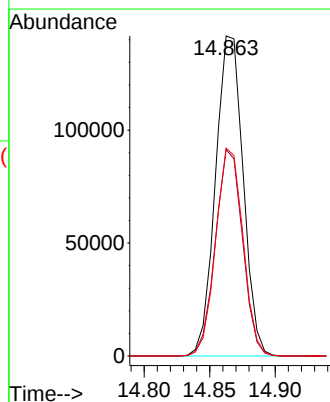
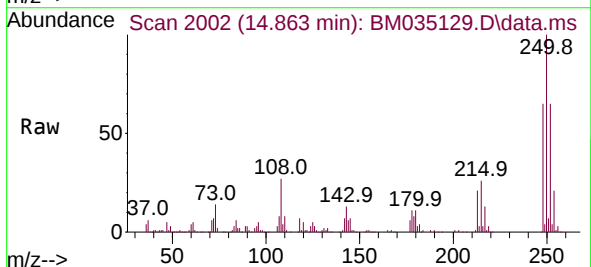
Instrument :
BNA_M
ClientSampleId :
SSTD020042

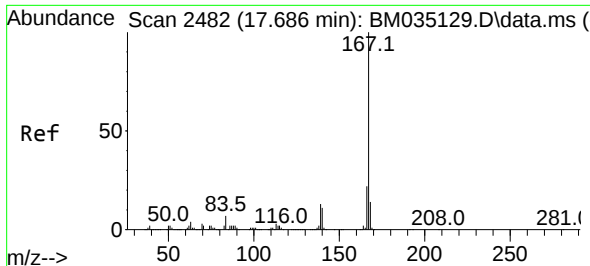
Tgt Ion:216 Resp: 238238
Ion Ratio Lower Upper
216 100
214 76.7 62.6 94.0
218 47.5 37.1 55.7



#76
Pentachlorobenzene
Concen: 21.296 ng/uL
RT: 14.863 min Scan# 2002
Delta R.T. 0.000 min
Lab File: BM035129.D
Acq: 17 May 2022 13:27

Tgt Ion:250 Resp: 207904
Ion Ratio Lower Upper
250 100
248 64.5 49.9 74.9
252 65.0 51.5 77.3

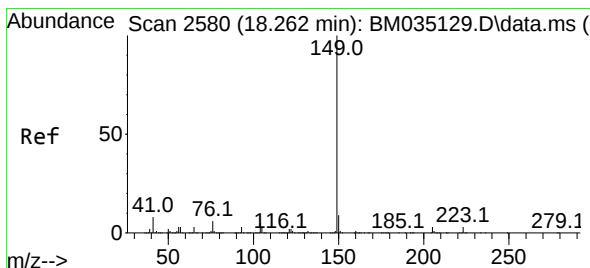
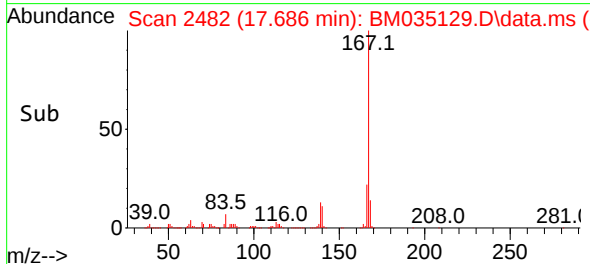
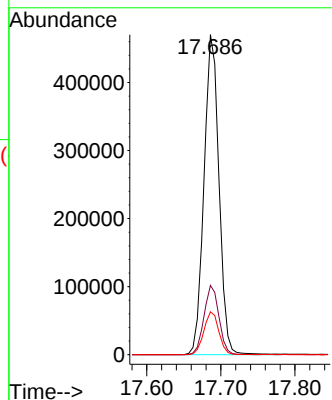
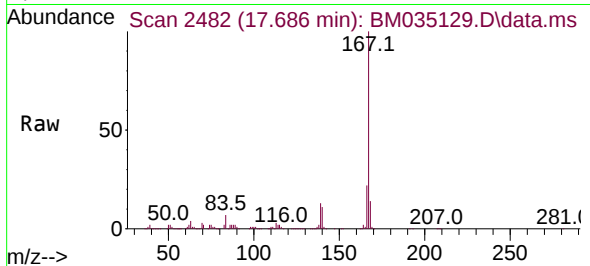




#77
 Carbazole
 Concen: 19.818 ng/ul
 RT: 17.686 min Scan# 2482
 Delta R.T. 0.000 min
 Lab File: BM035129.D
 Acq: 17 May 2022 13:27

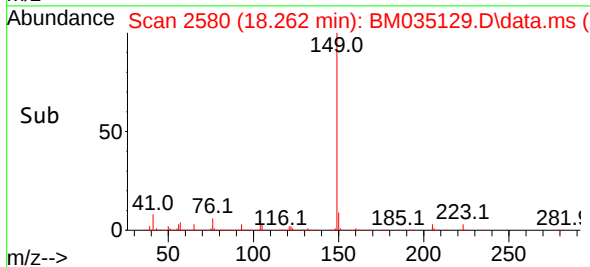
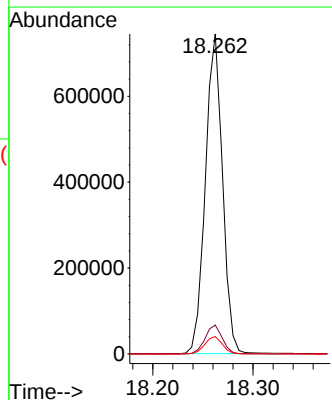
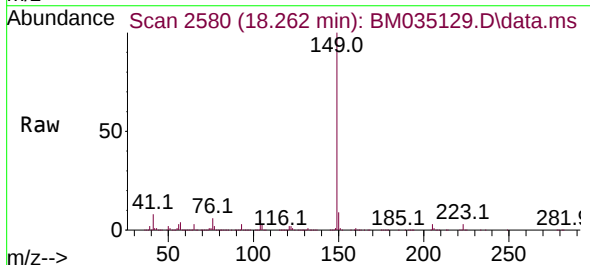
Instrument :
 BNA_M
 ClientSampleId :
 SSTD020042

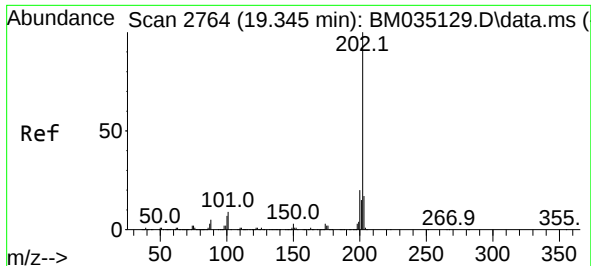
Tgt Ion:167 Resp: 660175
 Ion Ratio Lower Upper
 167 100
 166 21.7 17.1 25.7
 139 13.4 10.5 15.7



#78
 Di-n-butylphthalate
 Concen: 21.482 ng/ul
 RT: 18.262 min Scan# 2580
 Delta R.T. 0.000 min
 Lab File: BM035129.D
 Acq: 17 May 2022 13:27

Tgt Ion:149 Resp: 887414
 Ion Ratio Lower Upper
 149 100
 150 9.1 7.1 10.7
 104 5.4 4.1 6.1

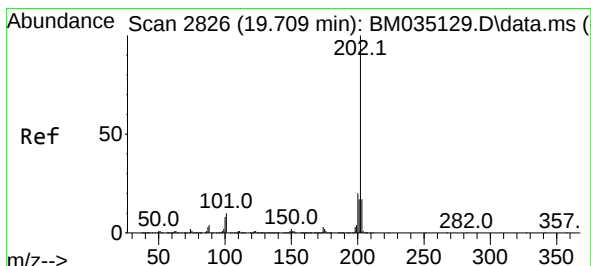
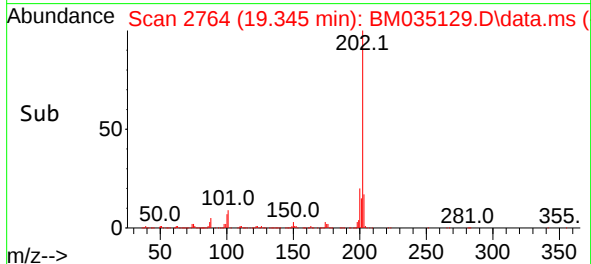
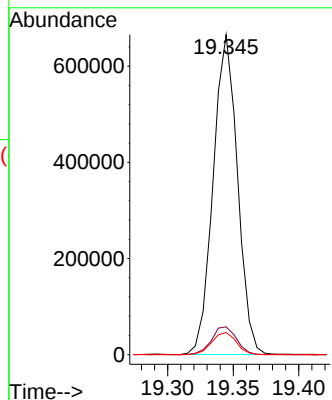
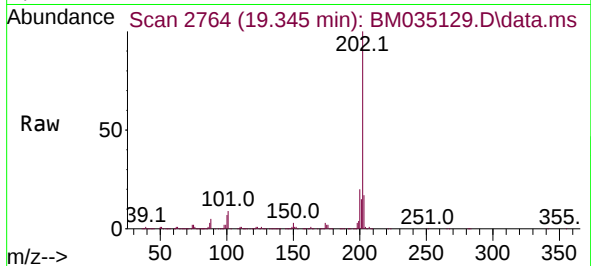




#80
 Fluoranthene
 Concen: 17.516 ng/u1
 RT: 19.345 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BM035129.D
 Acq: 17 May 2022 13:27

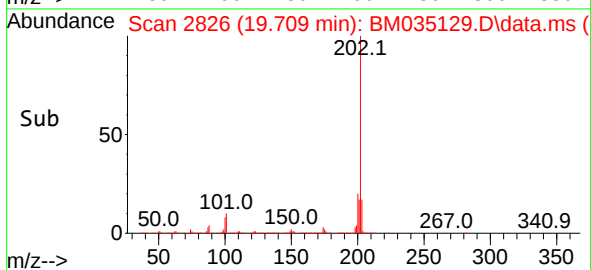
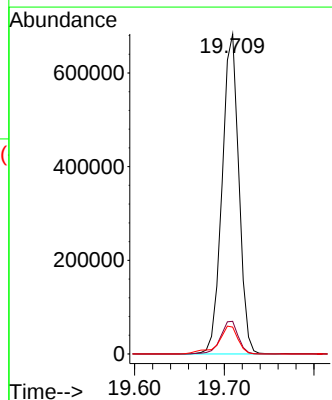
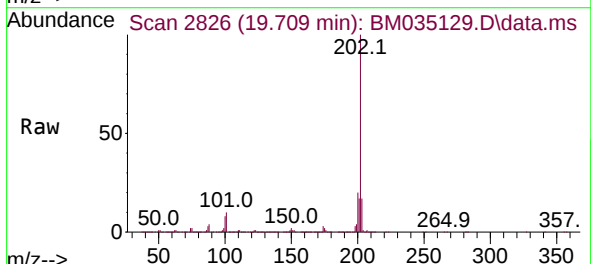
Instrument :
 BNA_M
 ClientSampleId :
 SSTD020042

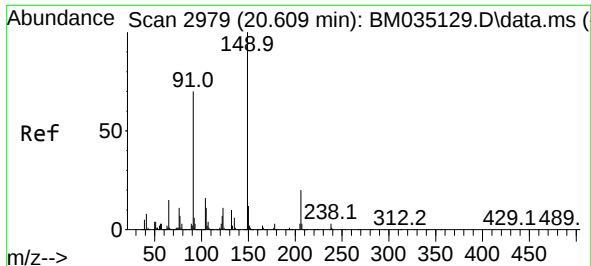
Tgt Ion:202 Resp: 856844
 Ion Ratio Lower Upper
 202 100
 101 8.7 7.4 11.2
 100 6.9 5.8 8.6



#82
 Pyrene
 Concen: 17.696 ng/u1
 RT: 19.709 min Scan# 2826
 Delta R.T. 0.000 min
 Lab File: BM035129.D
 Acq: 17 May 2022 13:27

Tgt Ion:202 Resp: 884017
 Ion Ratio Lower Upper
 202 100
 101 10.2 9.4 14.0
 100 8.4 7.8 11.6

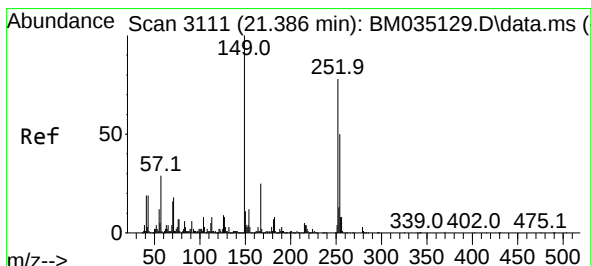
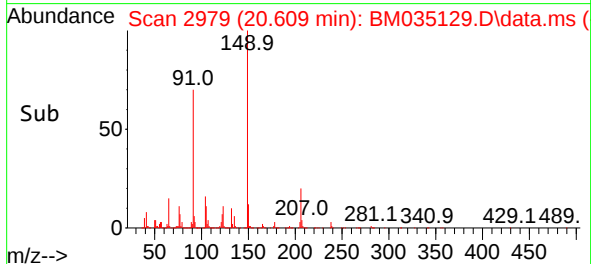
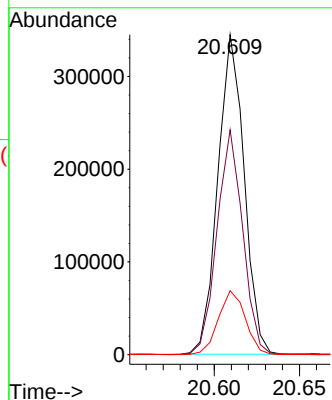
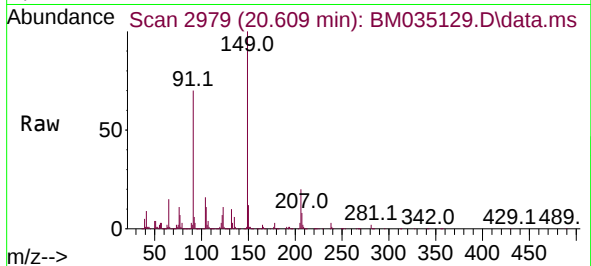




#83
Butylbenzylphthalate
Concen: 18.516 ng/ul
RT: 20.609 min Scan# 2979
Delta R.T. 0.000 min
Lab File: BM035129.D
Acq: 17 May 2022 13:27

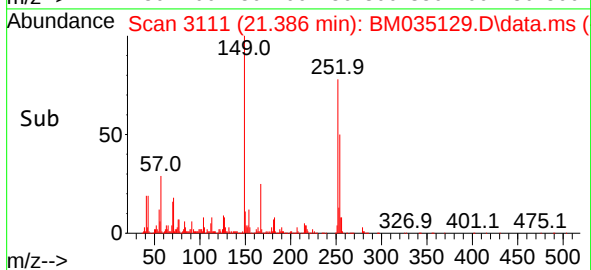
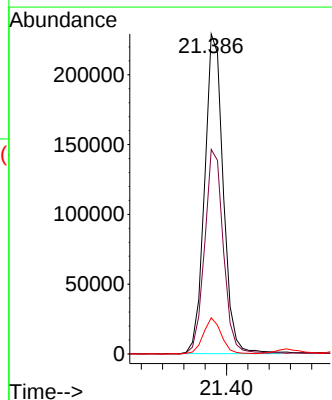
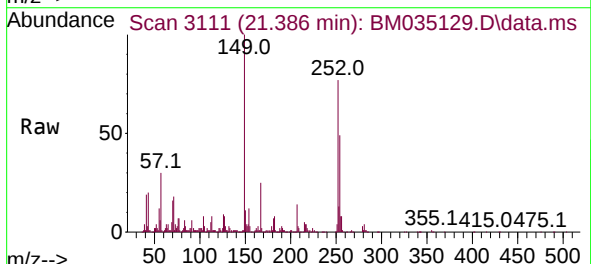
Instrument :
BNA_M
ClientSampleId :
SSTD020042

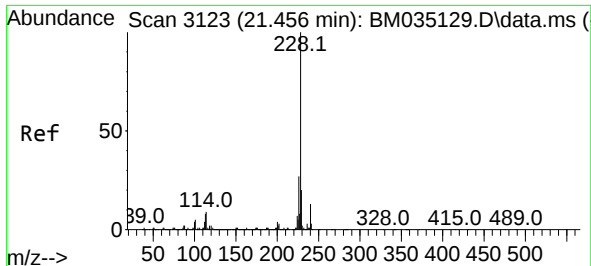
Tgt Ion:149 Resp: 370025
Ion Ratio Lower Upper
149 100
91 70.2 54.3 81.5
206 20.0 15.8 23.6



#84
3,3'-Dichlorobenzidine
Concen: 22.614 ng/ul
RT: 21.386 min Scan# 3111
Delta R.T. 0.000 min
Lab File: BM035129.D
Acq: 17 May 2022 13:27

Tgt Ion:252 Resp: 278097
Ion Ratio Lower Upper
252 100
254 63.9 51.0 76.4
126 11.3 9.0 13.6

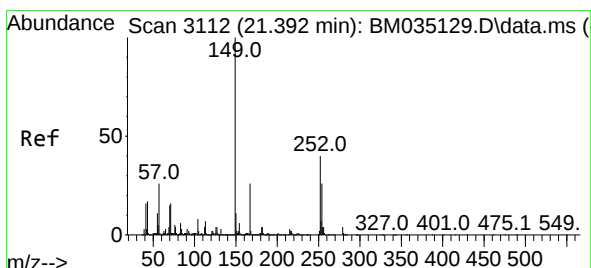
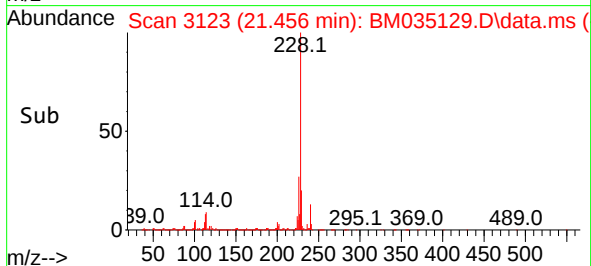
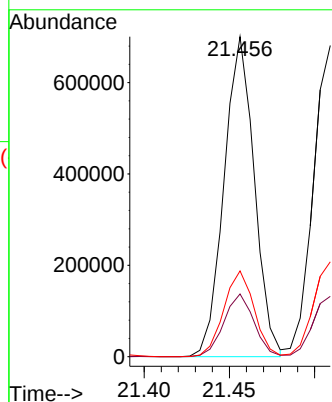
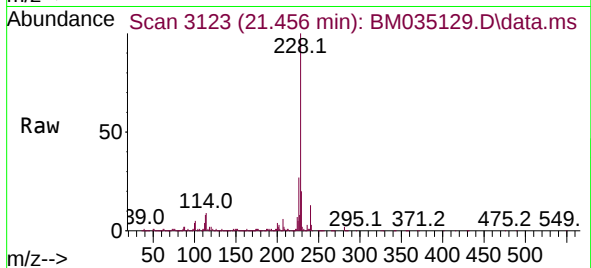




#85
Benzo(a)anthracene
Concen: 20.402 ng/ul
RT: 21.456 min Scan# 3123
Delta R.T. 0.000 min
Lab File: BM035129.D
Acq: 17 May 2022 13:27

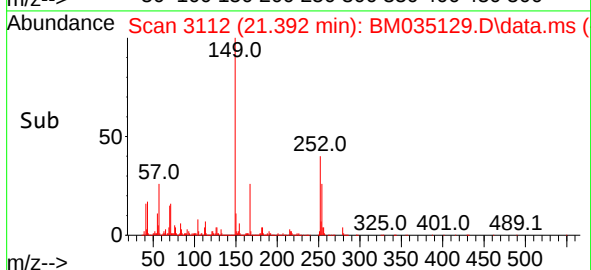
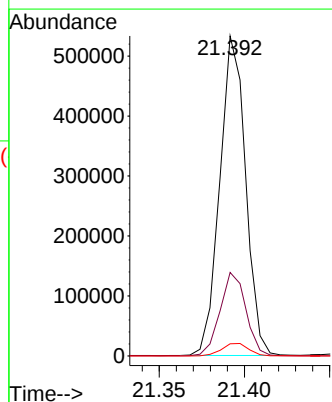
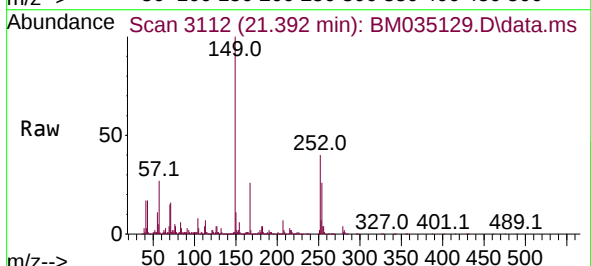
Instrument :
BNA_M
ClientSampleId :
SSTD020042

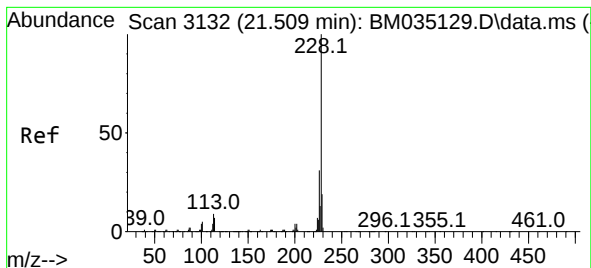
Tgt Ion:228 Resp: 863825
Ion Ratio Lower Upper
228 100
229 19.6 15.4 23.0
226 26.8 21.7 32.5



#86
Bis(2-ethylhexyl)phthalate
Concen: 18.959 ng/ul
RT: 21.392 min Scan# 3112
Delta R.T. 0.000 min
Lab File: BM035129.D
Acq: 17 May 2022 13:27

Tgt Ion:149 Resp: 561408
Ion Ratio Lower Upper
149 100
167 26.1 21.4 32.0
279 3.8 3.4 5.2





#87

Chrysene

Concen: 20.433 ng/ul

RT: 21.509 min Scan# 3132

Delta R.T. 0.000 min

Lab File: BM035129.D

Acq: 17 May 2022 13:27

Instrument :

BNA_M

ClientSampleId :

SSTD020042

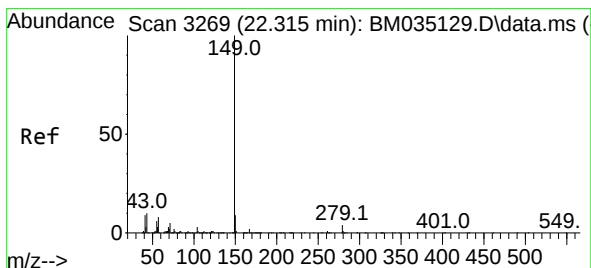
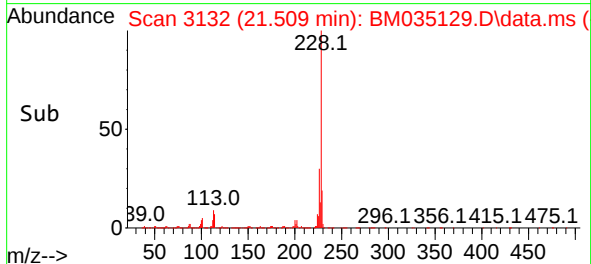
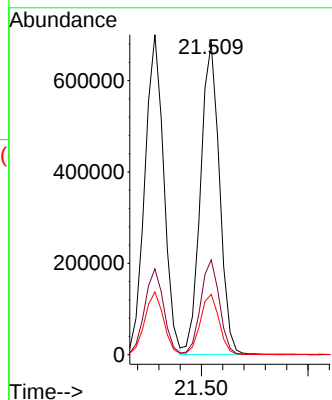
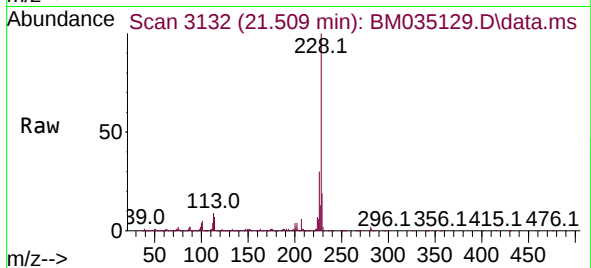
Tgt Ion:228 Resp: 842470

Ion Ratio Lower Upper

228 100

226 30.5 23.7 35.5

229 19.4 15.7 23.5



#89

Di-n-octyl phthalate

Concen: 17.061 ng/ul

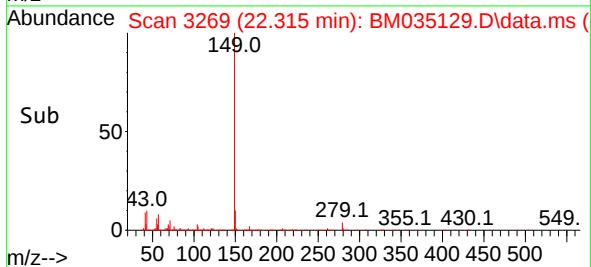
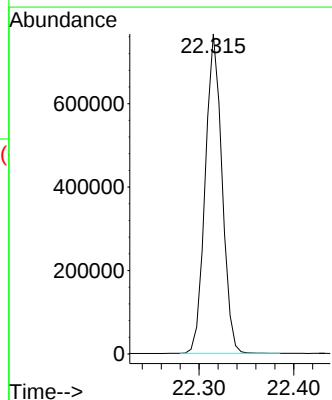
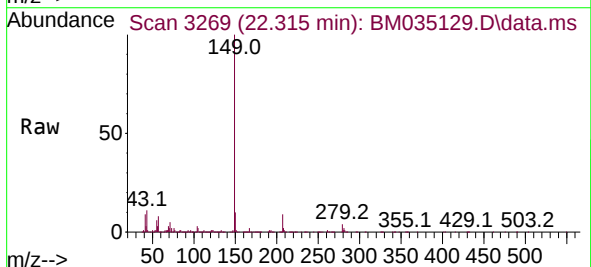
RT: 22.315 min Scan# 3269

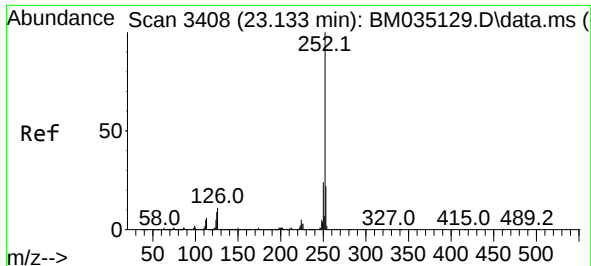
Delta R.T. 0.000 min

Lab File: BM035129.D

Acq: 17 May 2022 13:27

Tgt Ion:149 Resp: 937498

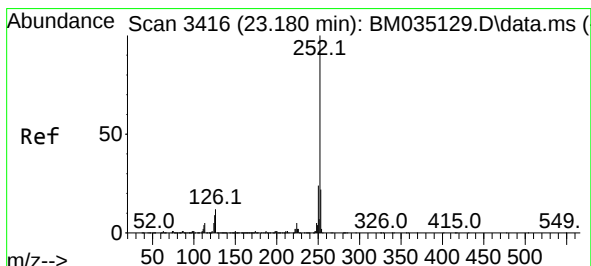
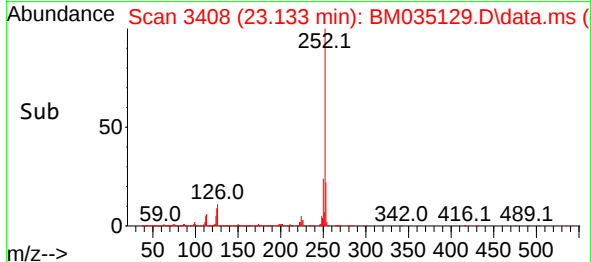
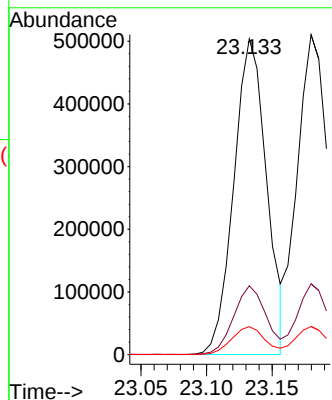
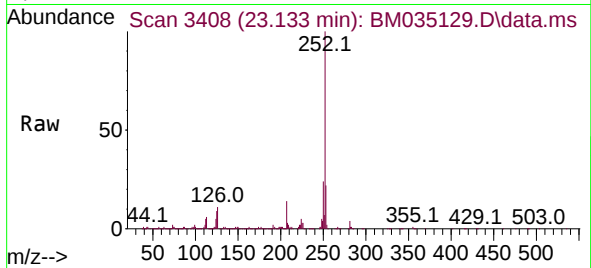




#90
Benzo(b)fluoranthene
Concen: 19.743 ng/ul
RT: 23.133 min Scan# 3408
Delta R.T. 0.000 min
Lab File: BM035129.D
Acq: 17 May 2022 13:27

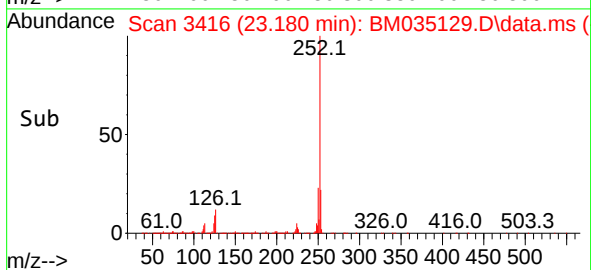
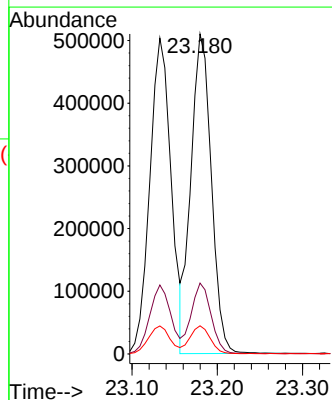
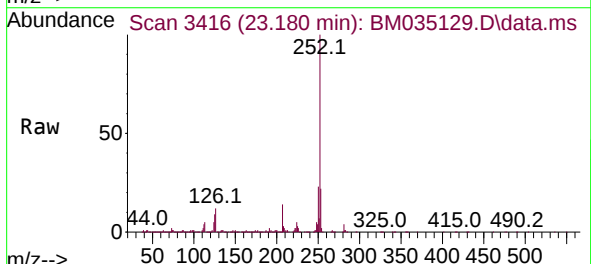
Instrument :
BNA_M
ClientSampleId :
SSTD020042

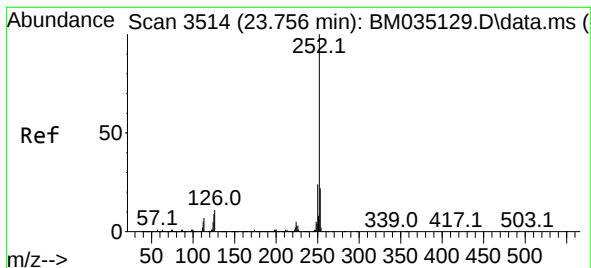
Tgt Ion:252 Resp: 875366
Ion Ratio Lower Upper
252 100
253 21.8 17.4 26.0
125 8.9 7.6 11.4



#91
Benzo(k)fluoranthene
Concen: 20.038 ng/ul
RT: 23.180 min Scan# 3416
Delta R.T. 0.000 min
Lab File: BM035129.D
Acq: 17 May 2022 13:27

Tgt Ion:252 Resp: 846013
Ion Ratio Lower Upper
252 100
253 22.2 17.4 26.2
125 8.8 7.8 11.6





#93

Benzo(a)pyrene

Concen: 20.497 ng/ul

RT: 23.756 min Scan# 3

Delta R.T. 0.000 min

Lab File: BM035129.D

Acq: 17 May 2022 13:27

Instrument :

BNA_M

ClientSampleId :

SSTD020042

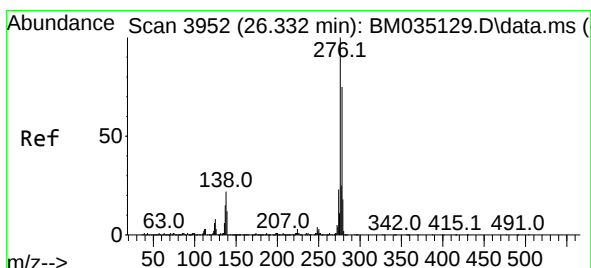
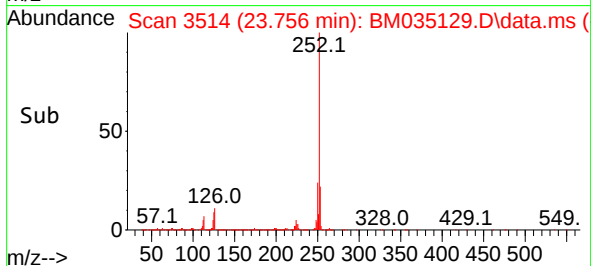
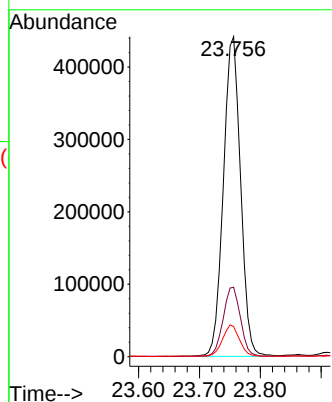
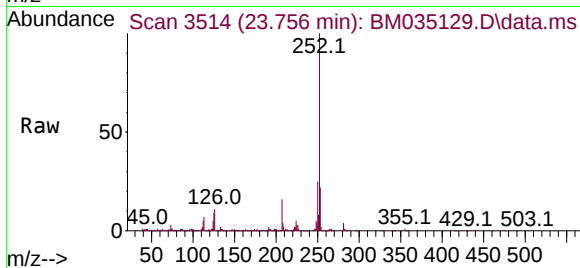
Tgt Ion:252 Resp: 866381

Ion Ratio Lower Upper

252 100

253 21.7 16.6 25.0

125 9.4 6.2 9.2#



#94

Indeno(1,2,3-cd)pyrene

Concen: 20.399 ng/ul

RT: 26.332 min Scan# 3952

Delta R.T. 0.000 min

Lab File: BM035129.D

Acq: 17 May 2022 13:27

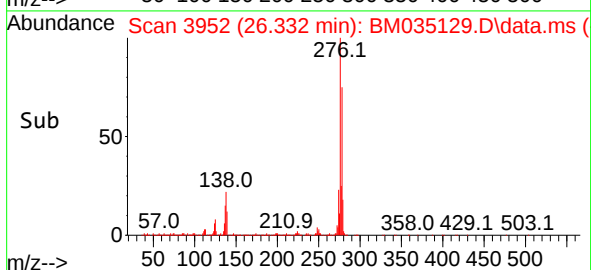
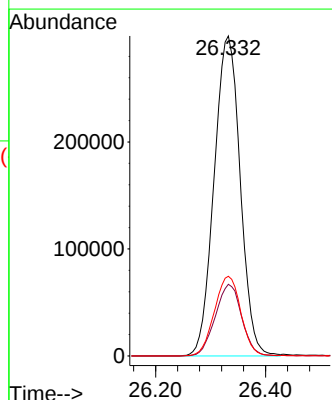
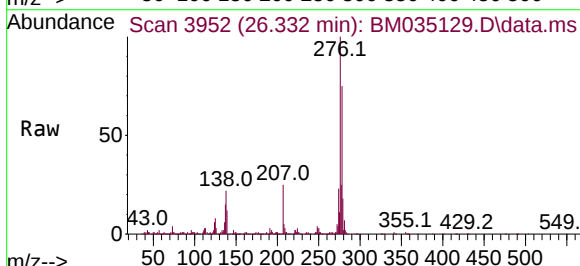
Tgt Ion:276 Resp: 986346

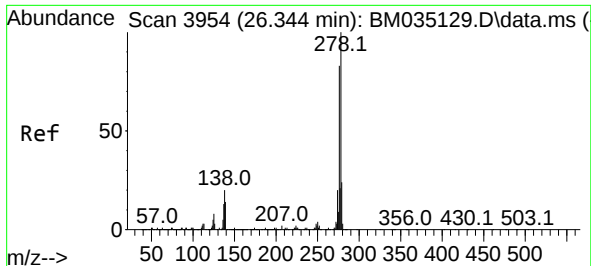
Ion Ratio Lower Upper

276 100

138 22.4 15.3 22.9

277 24.9 19.6 29.4

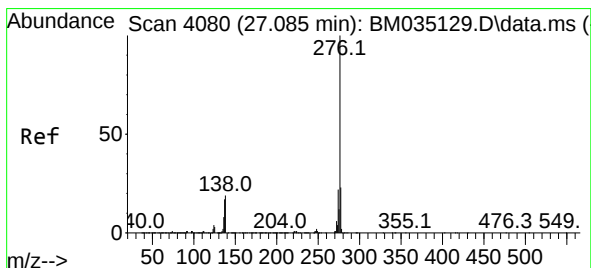
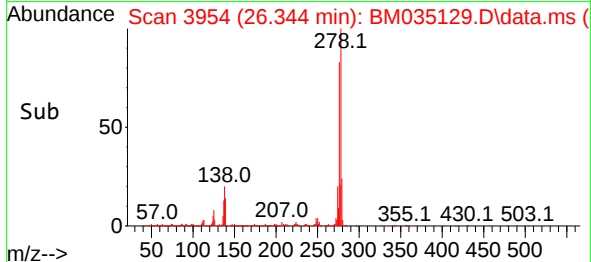
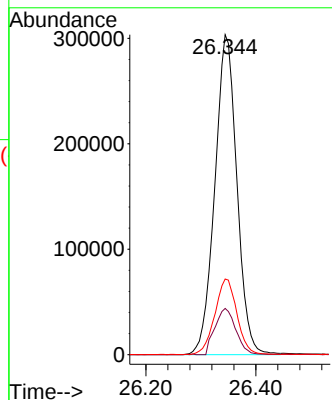
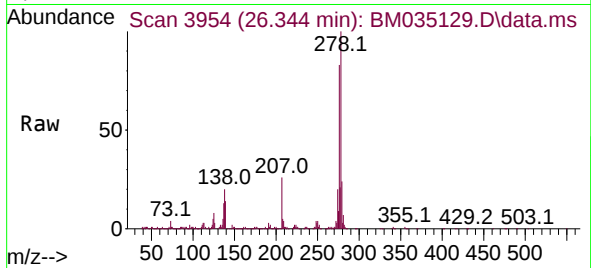




#95
Dibenzo(a,h)anthracene
Concen: 20.415 ng/ul
RT: 26.344 min Scan# 3954
Delta R.T. 0.000 min
Lab File: BM035129.D
Acq: 17 May 2022 13:27

Instrument :
BNA_M
ClientSampleId :
SSTD020042

Tgt Ion:278 Resp: 846281
Ion Ratio Lower Upper
278 100
139 14.4 9.7 14.5
279 23.7 18.8 28.2



#96
Benzo(g,h,i)perylene
Concen: 20.522 ng/ul
RT: 27.085 min Scan# 4080
Delta R.T. 0.000 min
Lab File: BM035129.D
Acq: 17 May 2022 13:27

Tgt Ion:276 Resp: 824272
Ion Ratio Lower Upper
276 100
138 18.5 13.0 19.6
277 23.4 18.6 28.0

