

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM051722\
 Data File : BM035127.D
 Acq On : 17 May 2022 12:15
 Operator : CG/JU
 Sample : SSTD00540
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD005040

Quant Time: May 17 14:26:18 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	166402	20.000	ng/u1	0.00
20) Naphthalene-d8	10.710	136	634952	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.545	164	378484	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.286	188	734716	20.000	ng/u1	0.00
79) Chrysene-d12	21.468	240	683698	20.000	ng/u1	0.00
88) Perylene-d12	23.856	264	699721	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.363	96	7996	2.010	ng/uL	0.00
4) Pyridine-d5	3.787	84	45436	4.144	ng/u1	0.00
7) Phenol-d5	7.069	99	54654	3.797	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.239	67	38591	4.271	ng/u1	0.00
11) 2-Chlorophenol-d4	7.439	132	50553	4.469	ng/u1	0.00
15) 4-Methylphenol-d8	8.616	113	46779	3.986	ng/u1	0.00
21) Nitrobenzene-d5	9.063	128	22562	4.636	ng/u1	0.00
24) 2-Nitrophenol-d4	9.786	143	24306	4.631	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.328	165	43828	4.462	ng/u1	0.00
31) 4-Chloroaniline-d4	10.839	131	60542	4.329	ng/u1	0.00
46) Dimethylphthalate-d6	13.951	166	127855	4.479	ng/u1	0.00
49) Acenaphthylene-d8	14.233	160	149042	4.115	ng/u1	0.00
54) 4-Nitrophenol-d4	14.733	143	18545	3.802	ng/u1	0.00
60) Fluorene-d10	15.533	176	107772	4.475	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.651	200	15973	3.450	ng/u1	0.00
73) Anthracene-d10	17.386	188	157592	4.409	ng/u1	0.00
81) Pyrene-d10	19.674	212	171905	4.027	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.697	264	157893	4.318	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.399	88	8664	2.188	ng/uL#	60
5) Pyridine	3.804	79	48716	4.210	ng/u1#	91
6) Benzaldehyde	7.045	77	35691	4.442	ng/u1	97
8) Phenol	7.098	94	59873	4.178	ng/u1	92
10) Bis(2-Chloroethyl)ether	7.334	93	47433	4.182	ng/u1	99
12) 2-Chlorophenol	7.469	128	51757	4.486	ng/u1	98
13) 2-Methylphenol	8.351	108	43044	3.963	ng/u1	95
14) 2,2'-oxybis(1-Chloropr...	8.439	45	72761	3.924	ng/u1	98
16) Acetophenone	8.728	105	74400	4.084	ng/u1	94
17) N-Nitroso-di-n-propyla...	8.716	70	36256	3.731	ng/u1	94
18) 4-Methylphenol	8.681	108	46122	3.887	ng/u1	99
19) Hexachloroethane	8.992	117	23002	4.700	ng/u1	98
22) Nitrobenzene	9.104	77	54149	4.484	ng/u1	98
23) Isophorone	9.633	82	97854	4.410	ng/u1	97
25) 2-Nitrophenol	9.822	139	26108	4.629	ng/u1	92
26) 2,4-Dimethylphenol	9.880	107	54197	4.595	ng/u1	98
27) Bis(2-Chloroethoxy)met...	10.116	93	60182	4.376	ng/u1	99
29) 2,4-Dichlorophenol	10.357	162	45340	4.744	ng/u1	99
30) Naphthalene	10.757	128	158207	4.743	ng/u1	99
32) 4-Chloroaniline	10.869	127	61292	4.379	ng/u1	99
33) Hexachlorobutadiene	11.051	225	32472	5.184	ng/u1	99
34) Caprolactam	11.622	113	12466	4.362	ng/u1	86
35) 4-Chloro-3-methylphenol	11.992	107	46034	4.481	ng/u1	97
36) 2-Methylnaphthalene	12.369	142	103365	4.482	ng/u1	98

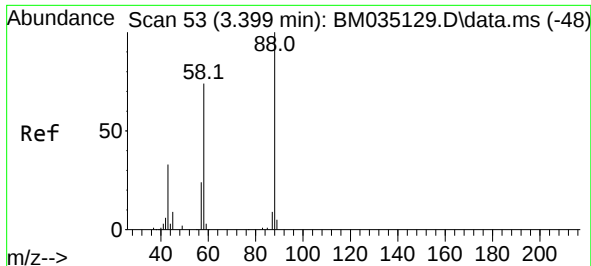
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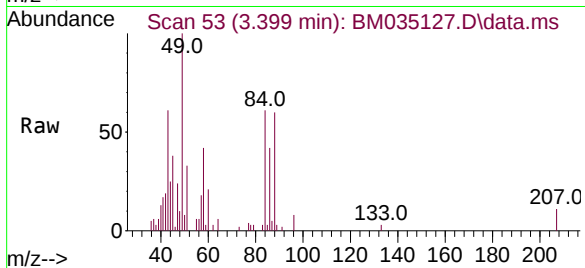
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.586	142	102327	4.388	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.739	216	53756	4.829	ng/ul	98
40) Hexachlorocyclopentadiene	12.721	237	31525	4.083	ng/ul	99
41) 2,4,6-Trichlorophenol	12.974	196	34341	4.846	ng/ul	99
42) 2,4,5-Trichlorophenol	13.045	196	35542	4.682	ng/ul	97
43) 1,1'-Biphenyl	13.380	154	140100	4.659	ng/ul	98
44) 2-Chloronaphthalene	13.416	162	107446	4.692	ng/ul	95
45) 2-Nitroaniline	13.616	65	28553	4.392	ng/ul	93
47) Dimethylphthalate	13.998	163	129666	4.598	ng/ul	99
48) 2,6-Dinitrotoluene	14.116	165	23337	4.357	ng/ul	89
50) Acenaphthylene	14.263	152	162775	4.473	ng/ul	98
51) 3-Nitroaniline	14.439	138	20601	4.200	ng/ul	89
52) Acenaphthene	14.604	153	111448	4.582	ng/ul	98
53) 2,4-Dinitrophenol	14.651	184	10792	3.454	ng/ul	91
55) 4-Nitrophenol	14.745	109	17639	4.113	ng/ul	88
56) Dibenzofuran	14.939	168	157264	4.695	ng/ul	94
57) 2,4-Dinitrotoluene	14.898	165	31735	4.200	ng/ul#	84
58) 2,3,4,6-Tetrachlorophenol	15.168	232	28747	4.829	ng/ul#	96
59) Diethylphthalate	15.362	149	130705	4.525	ng/ul	99
61) Fluorene	15.592	166	124639	4.549	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.586	204	61845	4.647	ng/ul	98
63) 4-Nitroaniline	15.598	138	18758	4.297	ng/ul#	78
66) 4,6-Dinitro-2-methylph...	15.668	198	16250	3.545	ng/ul#	99
67) N-Nitrosodiphenylamine	15.798	169	104218	4.406	ng/ul	98
68) 4-Bromophenyl-phenylether	16.480	248	34168	4.472	ng/ul	96
69) Hexachlorobenzene	16.598	284	41190	4.765	ng/ul	97
70) Atrazine	16.745	200	37256	4.431	ng/ul	99
71) Pentachlorophenol	16.939	266	23446	4.369	ng/ul	89
72) Phenanthrene	17.327	178	190444	4.608	ng/ul	100
74) Anthracene	17.415	178	189108	4.524	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.345	216	64616	5.496	ng/uL	96
76) Pentachlorobenzene	14.863	250	49426	4.589	ng/uL	95
77) Carbazole	17.686	167	166816	4.540	ng/ul	98
78) Di-n-butylphthalate	18.262	149	306890	6.735	ng/ul	99
80) Fluoranthene	19.345	202	208980	4.072	ng/ul	98
82) Pyrene	19.703	202	216664	4.134	ng/ul	98
83) Butylbenzylphthalate	20.609	149	91805	4.379	ng/ul	100
84) 3,3'-Dichlorobenzidine	21.386	252	62009	4.806	ng/ul	99
85) Benzo(a)anthracene	21.456	228	205644	4.629	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.392	149	138815	4.468	ng/ul	99
87) Chrysene	21.503	228	202253	4.676	ng/ul	99
89) Di-n-octyl phthalate	22.315	149	226566	3.890	ng/ul	100
90) Benzo(b)fluoranthene	23.180	252	192352	4.092	ng/ul	98
91) Benzo(k)fluoranthene	23.180	252	192427	4.299	ng/ul	99
93) Benzo(a)pyrene	23.750	252	198661	4.434	ng/ul#	96
94) Indeno(1,2,3-cd)pyrene	26.321	276	232790	4.542	ng/ul#	94
95) Dibenzo(a,h)anthracene	26.338	278	198313	4.513	ng/ul#	96
96) Benzo(g,h,i)perylene	27.079	276	193519	4.545	ng/ul#	91

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

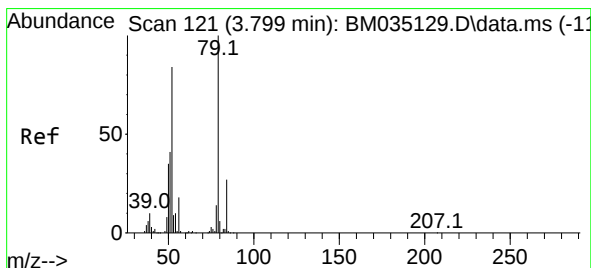
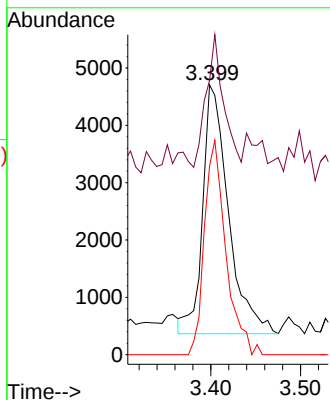
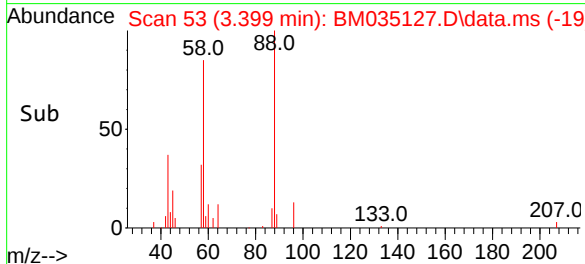


#2
1,4-Dioxane
Concen: 2.188 ng/uL
RT: 3.399 min Scan# 51
Delta R.T. -0.000 min
Lab File: BM035127.D
Acq: 17 May 2022 12:15

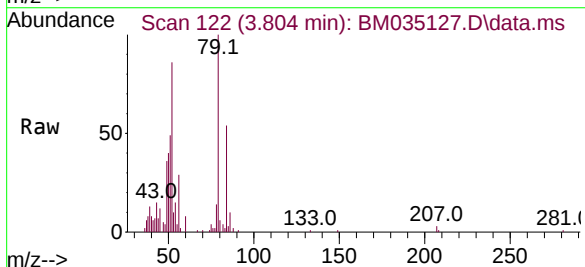
Instrument :
BNA_M
ClientSampleId :
SSTD005040



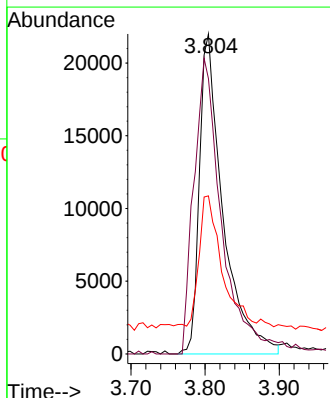
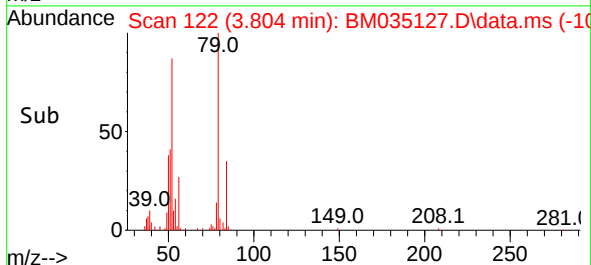
Tgt Ion: 88 Resp: 8664
Ion Ratio Lower Upper
88 100
43 101.6 27.6 41.4#
58 69.9 59.5 89.3

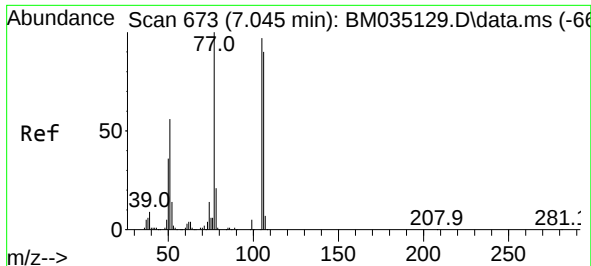


#5
Pyridine
Concen: 4.210 ng/uL
RT: 3.804 min Scan# 122
Delta R.T. 0.006 min
Lab File: BM035127.D
Acq: 17 May 2022 12:15



Tgt Ion: 79 Resp: 48716
Ion Ratio Lower Upper
79 100
52 86.0 64.3 96.5
51 49.4 32.4 48.6#

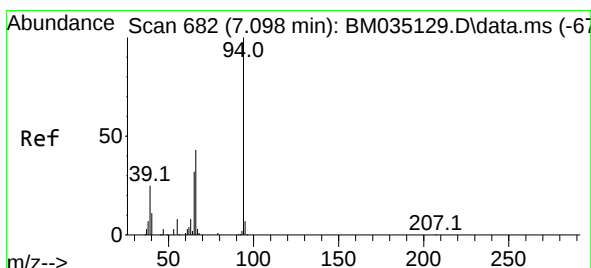
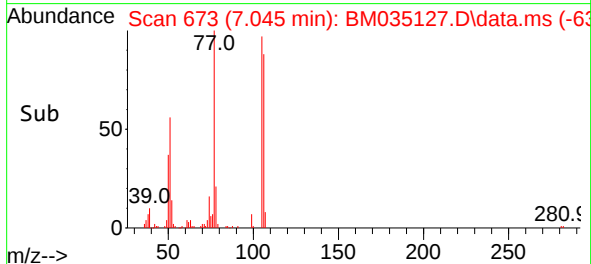
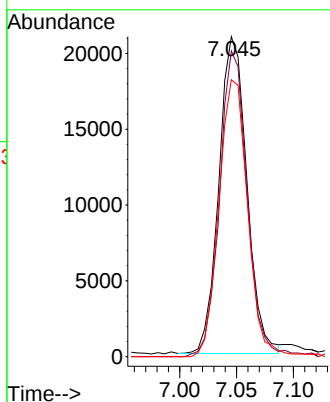
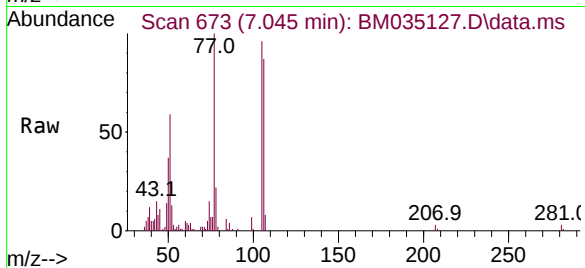




#6
Benzaldehyde
Concen: 4.442 ng/ul
RT: 7.045 min Scan# 61
Delta R.T. -0.000 min
Lab File: BM035127.D
Acq: 17 May 2022 12:15

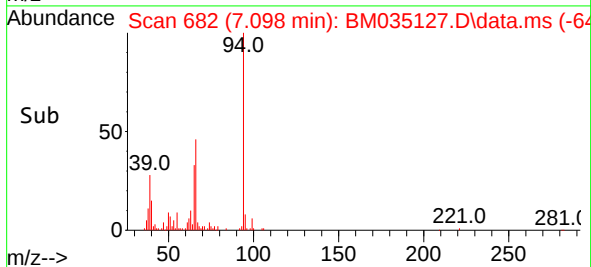
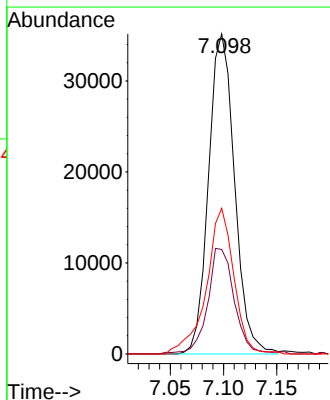
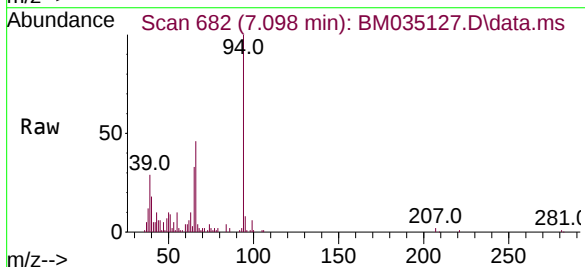
Instrument :
BNA_M
ClientSampleId :
SSTD005040

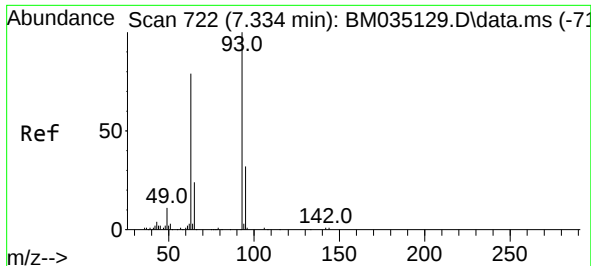
Tgt Ion: 77 Resp: 35691
Ion Ratio Lower Upper
77 100
105 95.6 77.4 116.0
106 86.5 73.4 110.2



#8
Phenol
Concen: 4.178 ng/ul
RT: 7.098 min Scan# 682
Delta R.T. -0.000 min
Lab File: BM035127.D
Acq: 17 May 2022 12:15

Tgt Ion: 94 Resp: 59873
Ion Ratio Lower Upper
94 100
65 32.6 23.8 35.6
66 45.5 31.3 46.9





#10

Bis(2-Chloroethyl)ether

Concen: 4.182 ng/ul

RT: 7.334 min Scan# 722

Delta R.T. -0.000 min

Lab File: BM035127.D

Acq: 17 May 2022 12:15

Instrument :

BNA_M

ClientSampleId :

SSTD005040

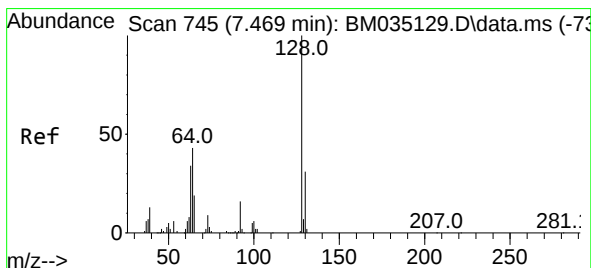
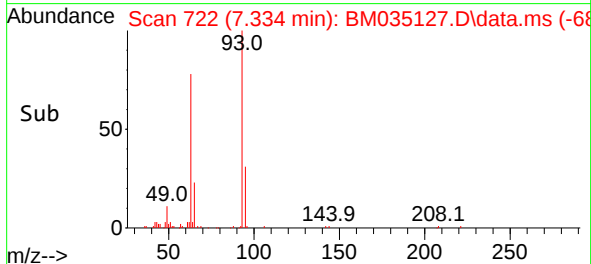
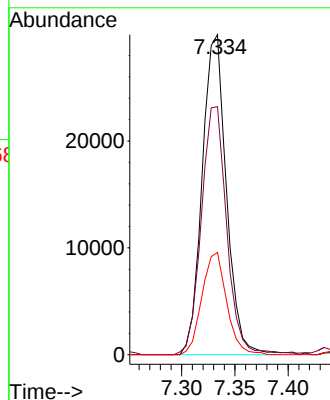
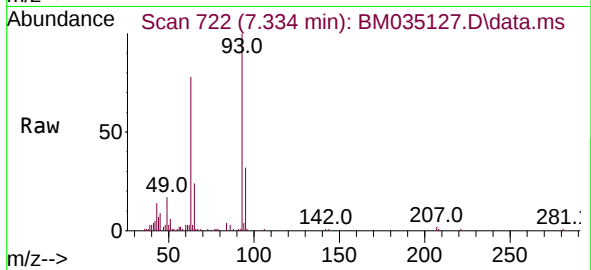
Tgt Ion: 93 Resp: 47433

Ion Ratio Lower Upper

93 100

63 77.5 62.5 93.7

95 31.9 25.8 38.8



#12

2-Chlorophenol

Concen: 4.486 ng/ul

RT: 7.469 min Scan# 745

Delta R.T. -0.000 min

Lab File: BM035127.D

Acq: 17 May 2022 12:15

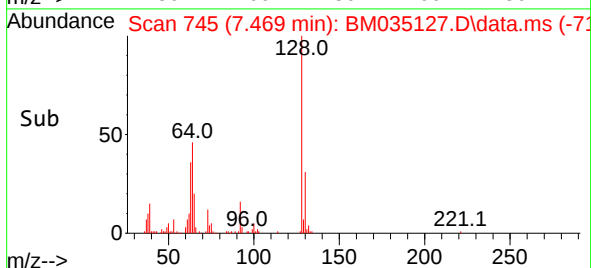
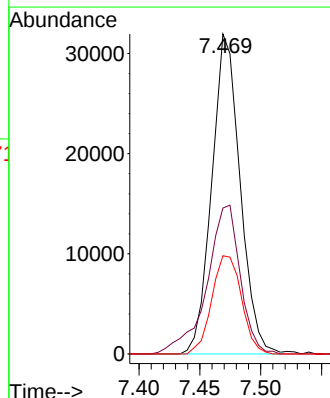
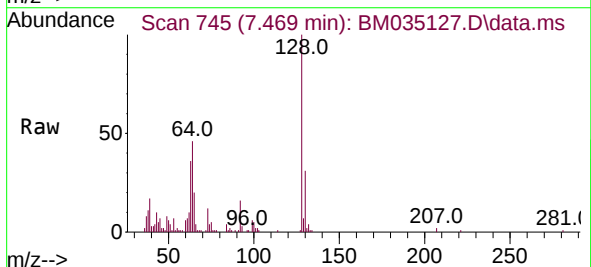
Tgt Ion:128 Resp: 51757

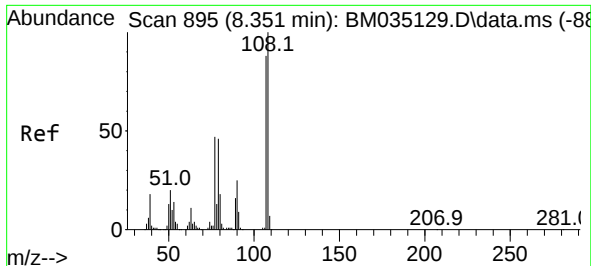
Ion Ratio Lower Upper

128 100

64 45.6 37.1 55.7

130 30.7 26.2 39.4





#13

2-Methylphenol

Concen: 3.963 ng/ul

RT: 8.351 min Scan# 895

Delta R.T. -0.000 min

Lab File: BM035127.D

Acq: 17 May 2022 12:15

Instrument :

BNA_M

ClientSampleId :

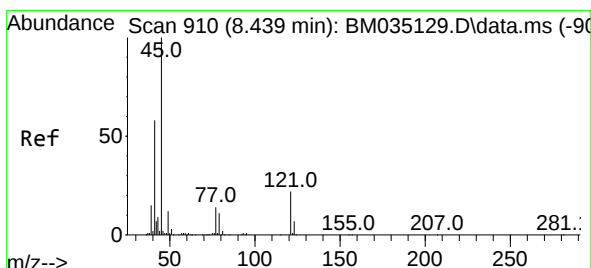
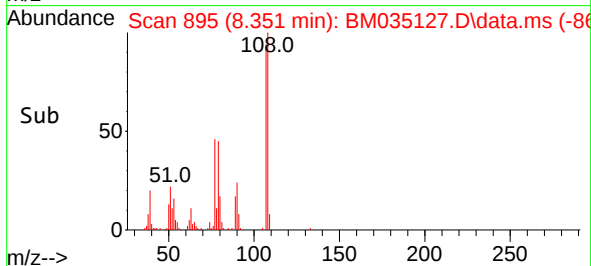
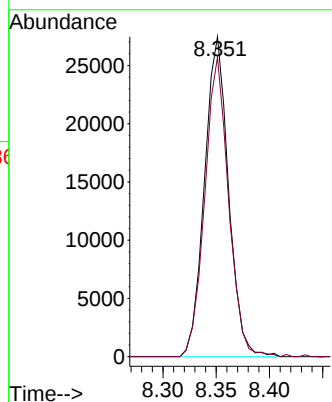
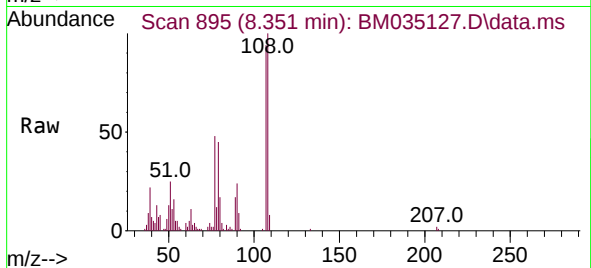
SSTD005040

Tgt Ion:108 Resp: 43044

Ion Ratio Lower Upper

108 100

107 93.6 70.8 106.2



#14

2,2'-oxybis(1-Chloropropane)

Concen: 3.924 ng/ul

RT: 8.439 min Scan# 910

Delta R.T. -0.000 min

Lab File: BM035127.D

Acq: 17 May 2022 12:15

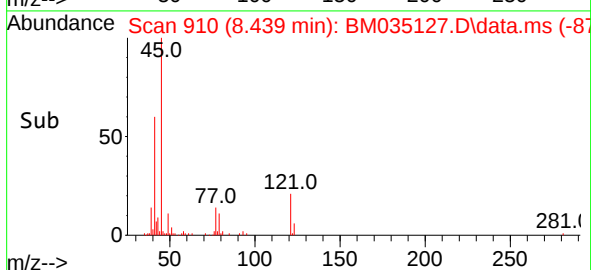
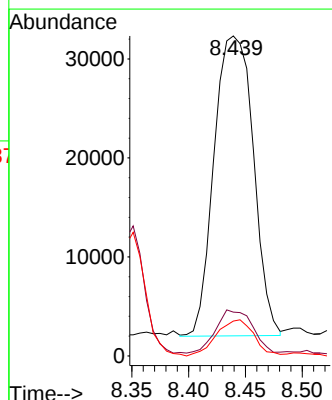
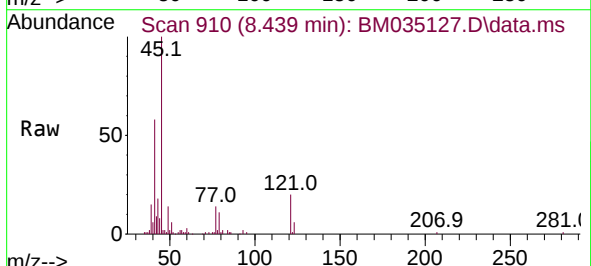
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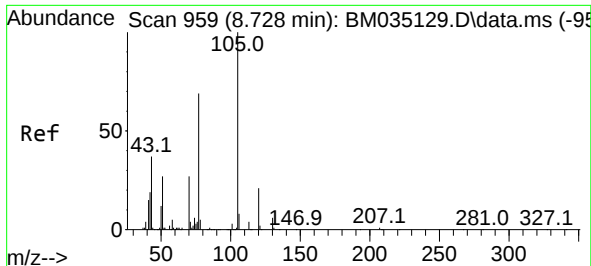
Ion Ratio Lower Upper

45 100

77 13.7 10.6 15.8

79 10.9 8.1 12.1

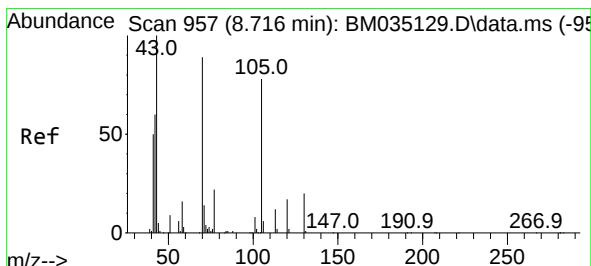
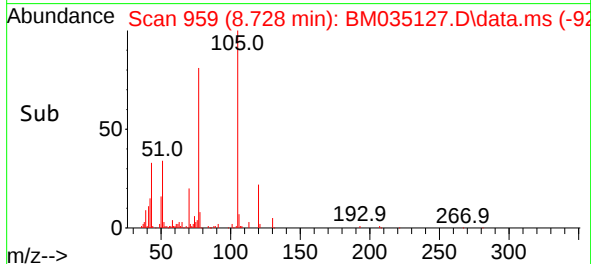
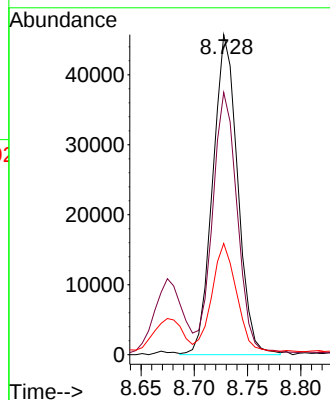
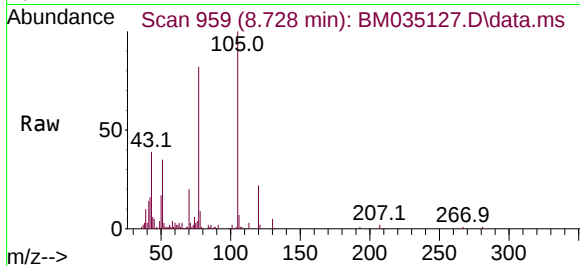




#16
Acetophenone
Concen: 4.084 ng/ul
RT: 8.728 min Scan# 91
Delta R.T. -0.000 min
Lab File: BM035127.D
Acq: 17 May 2022 12:15

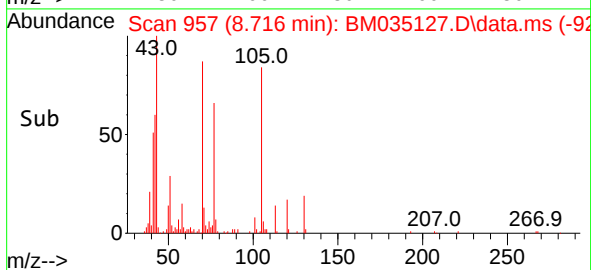
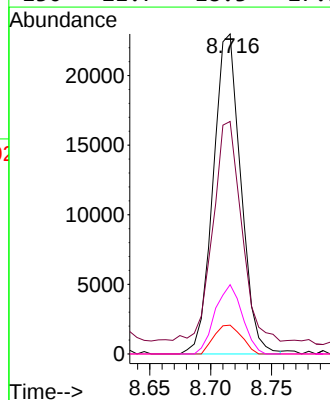
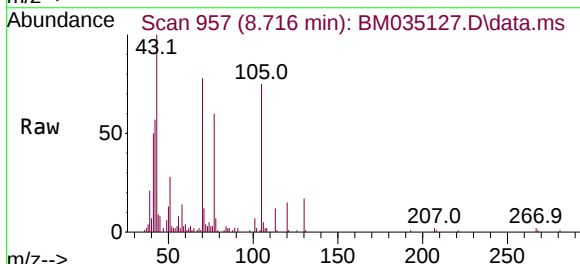
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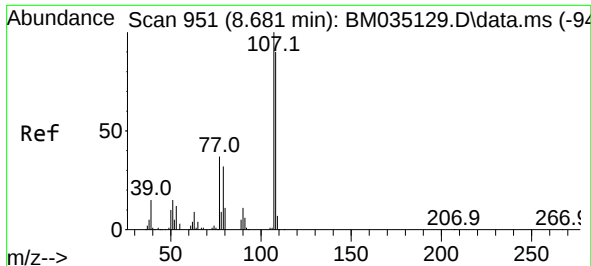
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Ion Ratio Lower Upper
105 100
77 81.9 62.4 93.6
51 34.7 23.8 35.6



#17
N-Nitroso-di-n-propylamine
Concen: 3.731 ng/ul
RT: 8.716 min Scan# 957
Delta R.T. -0.000 min
Lab File: BM035127.D
Acq: 17 May 2022 12:15

Tgt Ion: 70 Resp: 36256
Ion Ratio Lower Upper
70 100
42 72.7 53.3 79.9
101 9.0 8.2 12.4
130 21.7 18.3 27.5

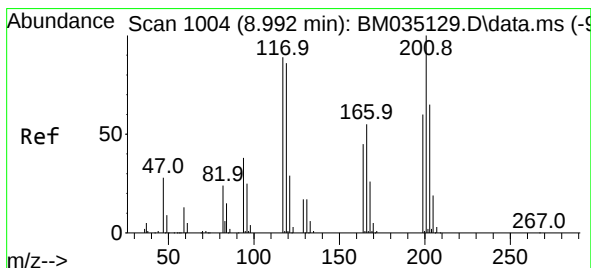
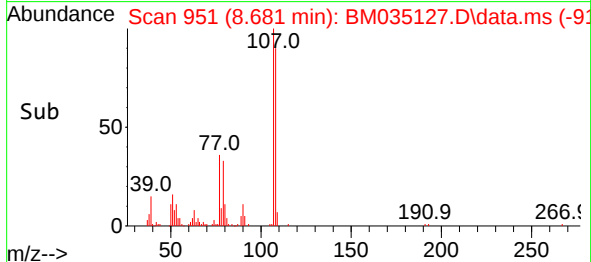
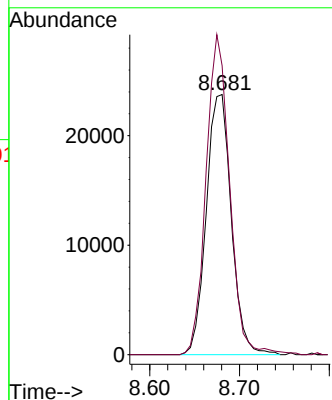
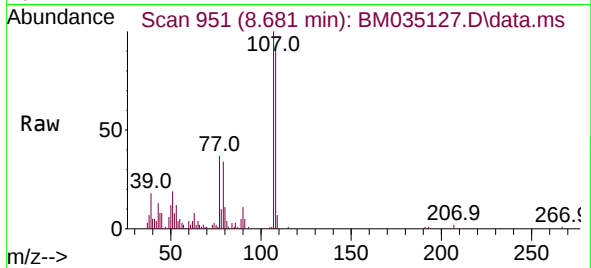




#18
4-Methylphenol
Concen: 3.887 ng/ul
RT: 8.681 min Scan# 951
Delta R.T. -0.000 min
Lab File: BM035127.D
Acq: 17 May 2022 12:15

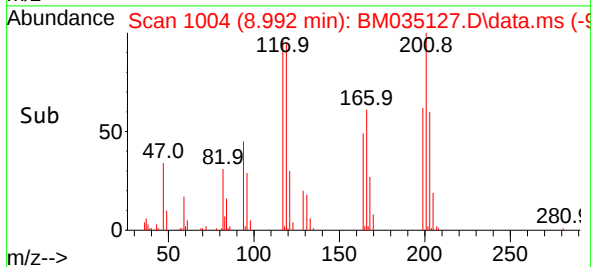
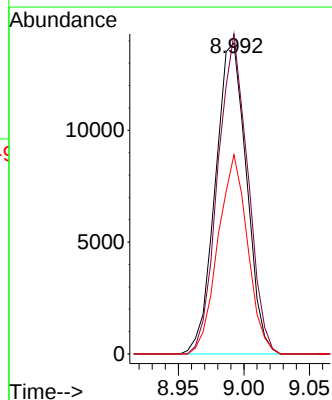
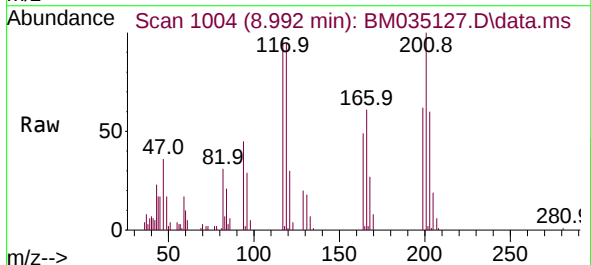
Instrument :
BNA_M
ClientSampleId :
SSTD005040

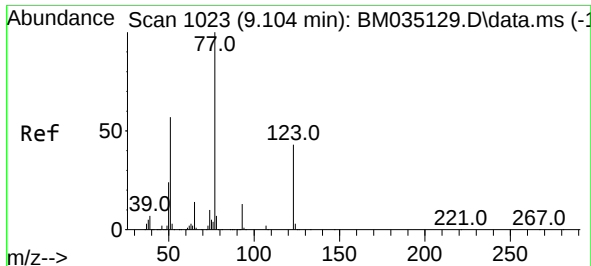
Tgt Ion:108 Resp: 46122
Ion Ratio Lower Upper
108 100
107 111.0 89.7 134.5



#19
Hexachloroethane
Concen: 4.700 ng/ul
RT: 8.992 min Scan# 1004
Delta R.T. -0.000 min
Lab File: BM035127.D
Acq: 17 May 2022 12:15

Tgt Ion:117 Resp: 23002
Ion Ratio Lower Upper
117 100
201 102.9 81.3 121.9
199 64.1 53.4 80.0

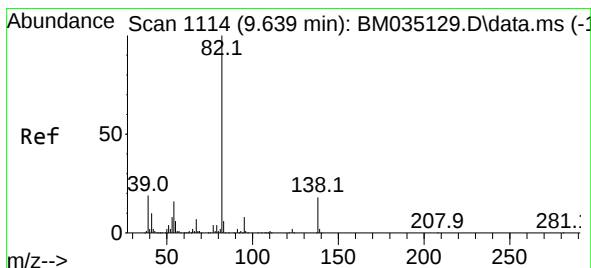
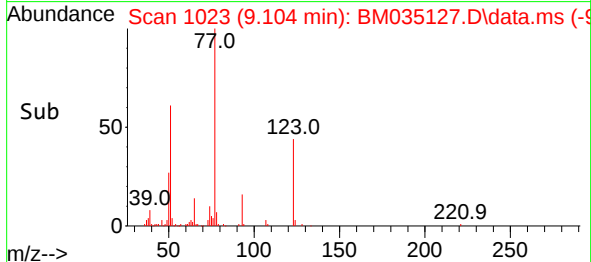
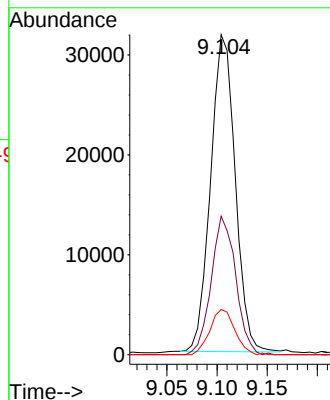
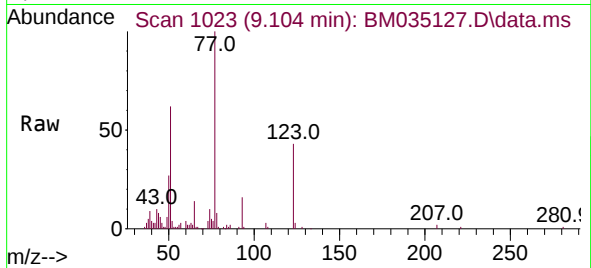




#22
Nitrobenzene
Concen: 4.484 ng/ul
RT: 9.104 min Scan# 1103
Delta R.T. -0.000 min
Lab File: BM035127.D
Acq: 17 May 2022 12:15

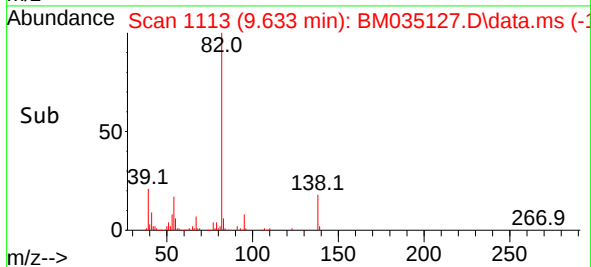
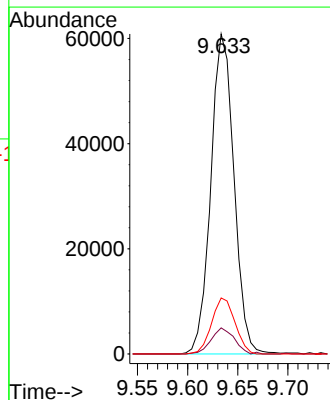
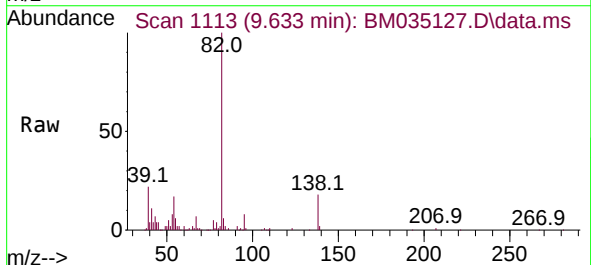
Instrument :
BNA_M
ClientSampleId :
SSTD005040

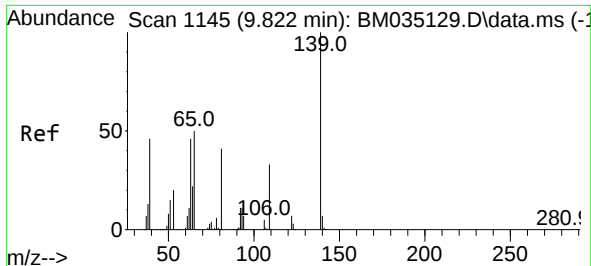
Tgt Ion: 77 Resp: 54149
Ion Ratio Lower Upper
77 100
123 43.3 36.1 54.1
65 14.1 11.0 16.6



#23
Isophorone
Concen: 4.410 ng/ul
RT: 9.633 min Scan# 1113
Delta R.T. -0.006 min
Lab File: BM035127.D
Acq: 17 May 2022 12:15

Tgt Ion: 82 Resp: 97854
Ion Ratio Lower Upper
82 100
95 8.2 6.2 9.4
138 17.5 15.3 22.9

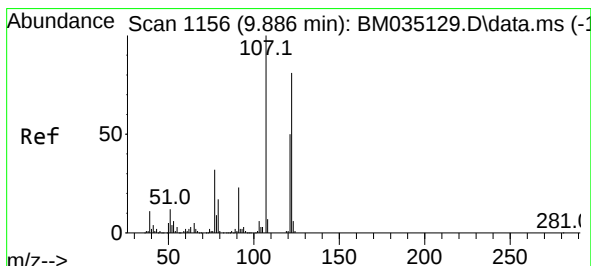
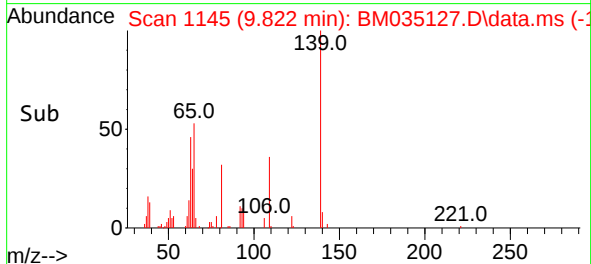
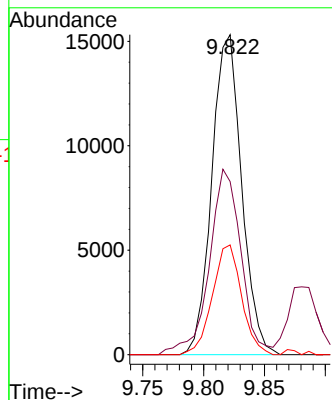
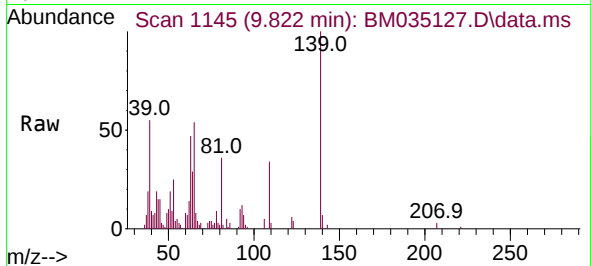




#25
2-Nitrophenol
Concen: 4.629 ng/ul
RT: 9.822 min Scan# 1145
Delta R.T. -0.000 min
Lab File: BM035127.D
Acq: 17 May 2022 12:15

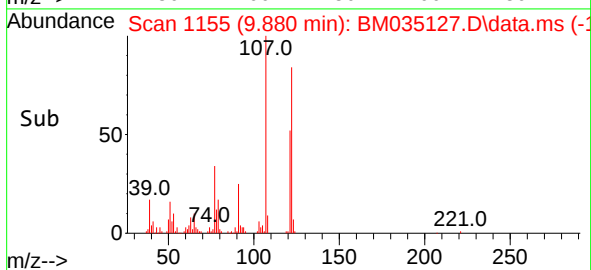
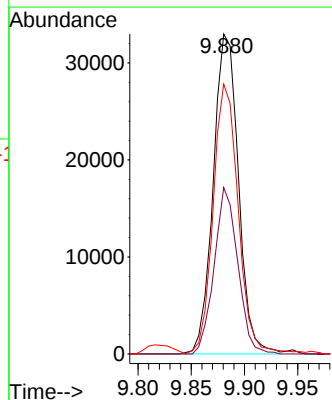
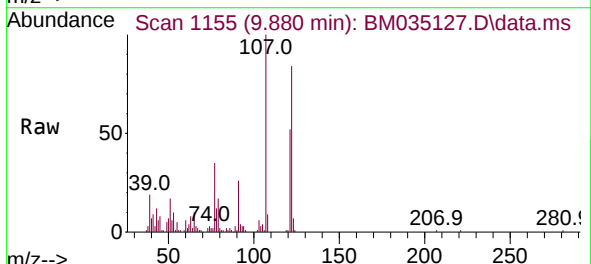
Instrument :
BNA_M
ClientSampleId :
SSTD005040

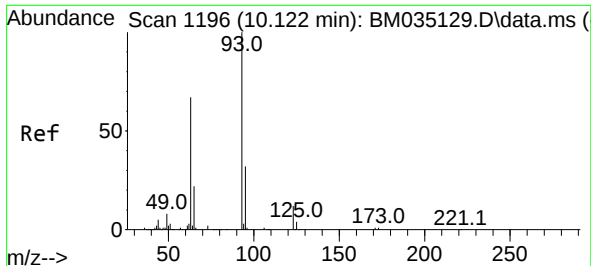
Tgt Ion:139 Resp: 26108
Ion Ratio Lower Upper
139 100
65 54.1 38.9 58.3
109 34.3 24.1 36.1



#26
2,4-Dimethylphenol
Concen: 4.595 ng/ul
RT: 9.880 min Scan# 1155
Delta R.T. -0.006 min
Lab File: BM035127.D
Acq: 17 May 2022 12:15

Tgt Ion:107 Resp: 54197
Ion Ratio Lower Upper
107 100
121 52.0 40.3 60.5
122 84.4 66.6 100.0





#27

Bis(2-Chloroethoxy)methane

Concen: 4.376 ng/ul

RT: 10.116 min Scan# 1195

Delta R.T. -0.006 min

Lab File: BM035127.D

Acq: 17 May 2022 12:15

Instrument :

BNA_M

ClientSampleId :

SSTD005040

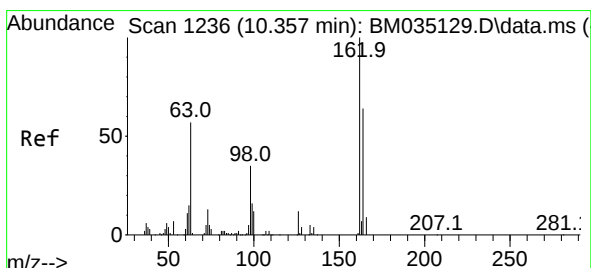
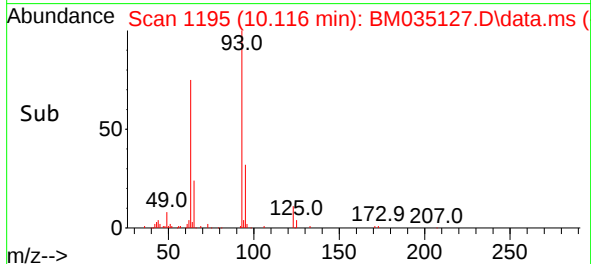
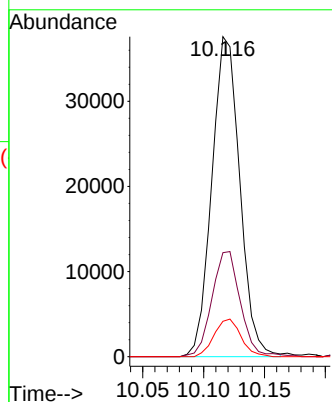
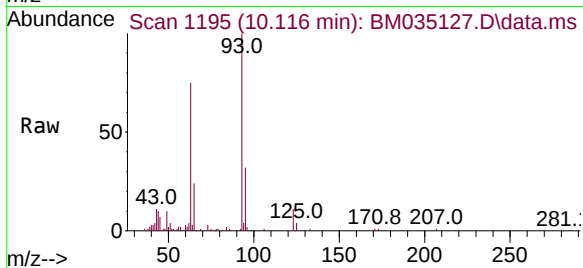
Tgt Ion: 93 Resp: 60182

Ion Ratio Lower Upper

93 100

95 32.5 25.8 38.6

123 11.0 9.2 13.8



#29

2,4-Dichlorophenol

Concen: 4.744 ng/ul

RT: 10.357 min Scan# 1236

Delta R.T. -0.000 min

Lab File: BM035127.D

Acq: 17 May 2022 12:15

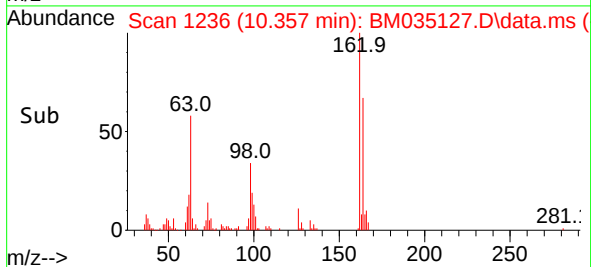
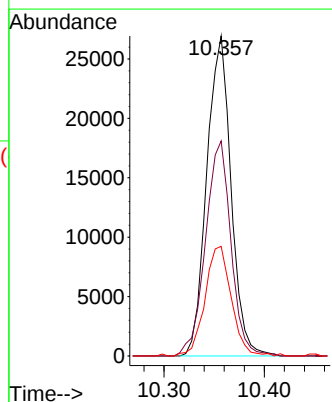
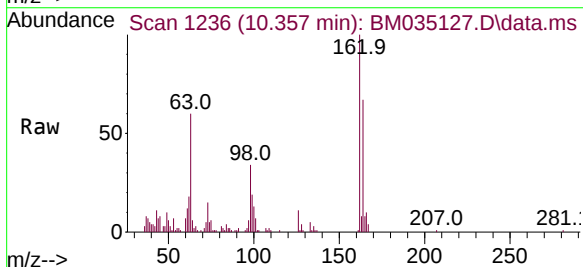
Tgt Ion:162 Resp: 45340

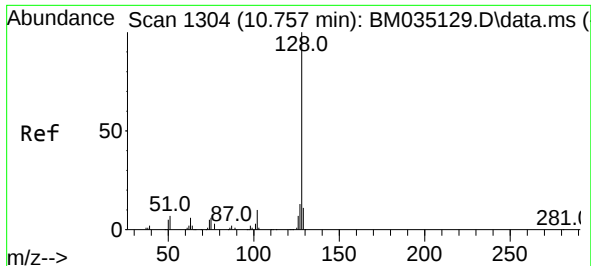
Ion Ratio Lower Upper

162 100

164 67.2 53.0 79.4

98 34.2 27.4 41.0

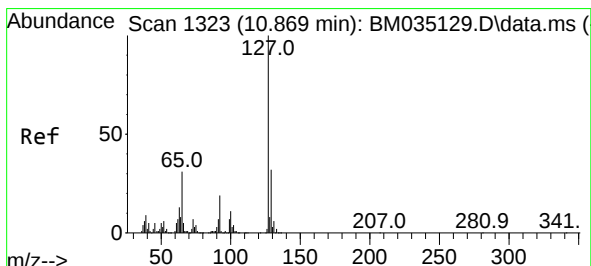
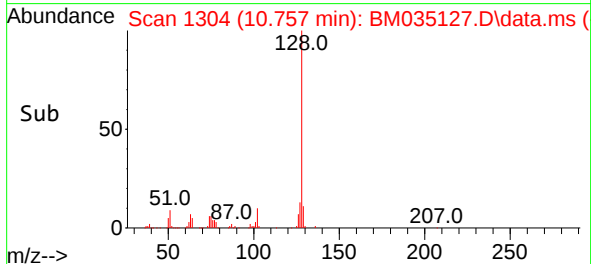
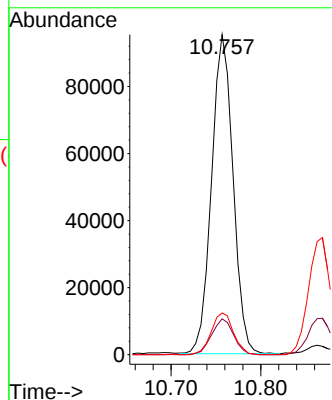
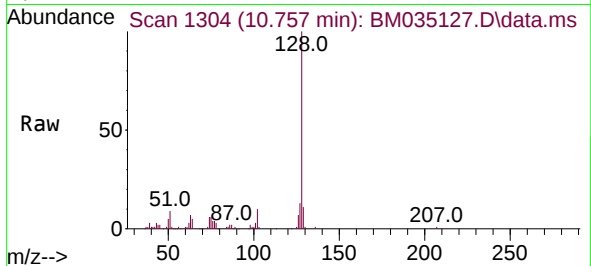




#30
Naphthalene
Concen: 4.743 ng/ul
RT: 10.757 min Scan# 1304
Delta R.T. -0.000 min
Lab File: BM035127.D
Acq: 17 May 2022 12:15

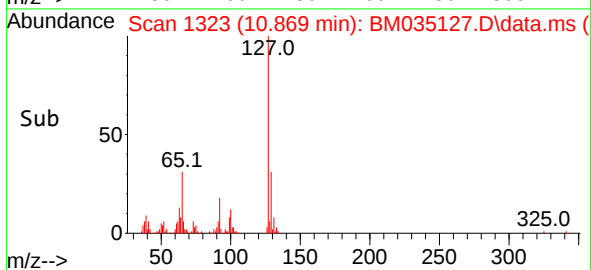
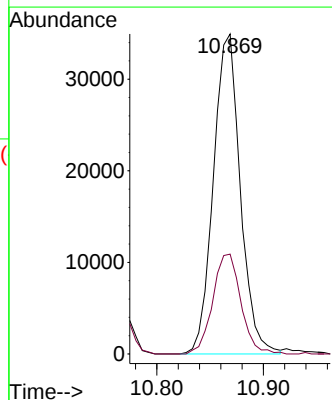
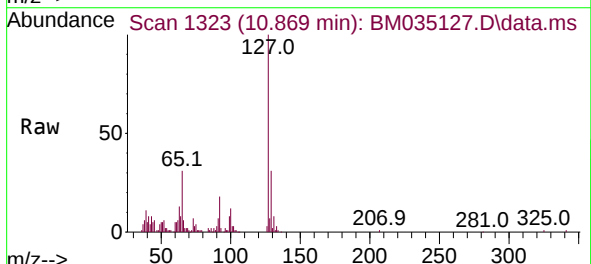
Instrument :
BNA_M
ClientSampleId :
SSTD005040

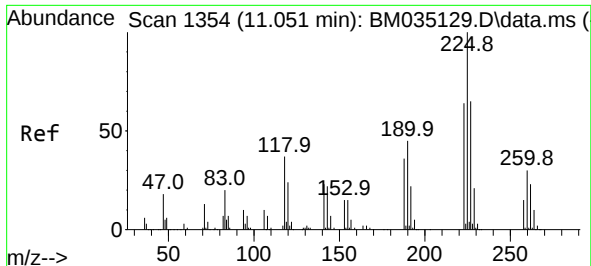
Tgt Ion:128 Resp: 158207
Ion Ratio Lower Upper
128 100
129 11.2 9.1 13.7
127 13.1 10.6 16.0



#32
4-Chloroaniline
Concen: 4.379 ng/ul
RT: 10.869 min Scan# 1323
Delta R.T. -0.000 min
Lab File: BM035127.D
Acq: 17 May 2022 12:15

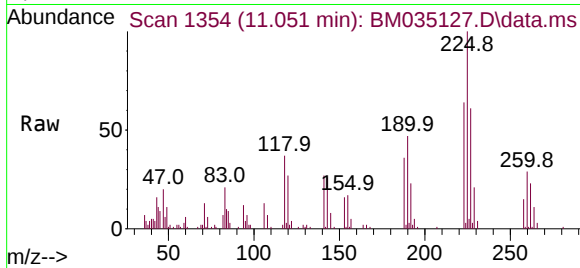
Tgt Ion:127 Resp: 61292
Ion Ratio Lower Upper
127 100
129 31.2 25.4 38.2



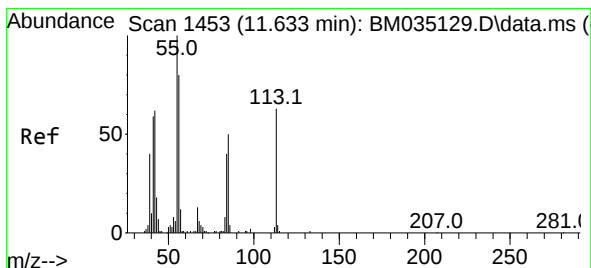
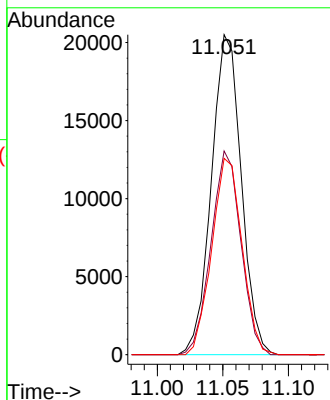
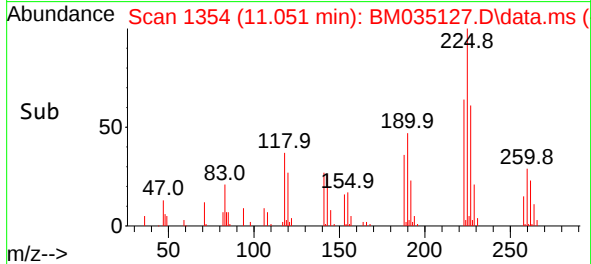


#33
Hexachlorobutadiene
Concen: 5.184 ng/ul
RT: 11.051 min Scan# 11
Delta R.T. -0.000 min
Lab File: BM035127.D
Acq: 17 May 2022 12:15

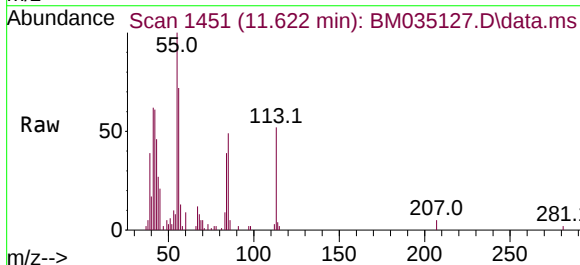
Instrument :
BNA_M
ClientSampleId :
SSTD005040



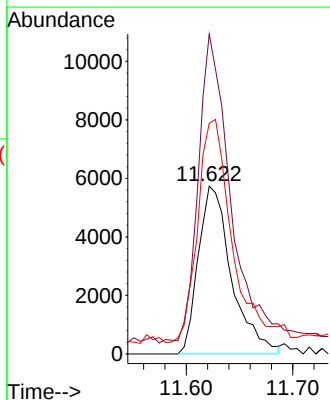
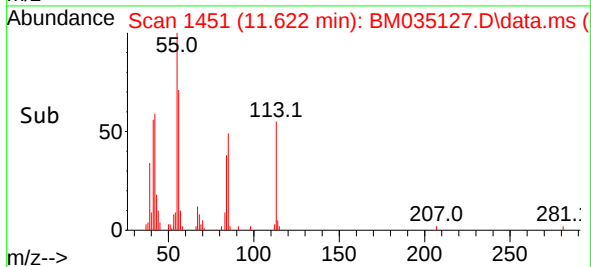
Tgt Ion:225 Resp: 32472
Ion Ratio Lower Upper
225 100
223 63.7 49.8 74.8
227 61.3 49.6 74.4

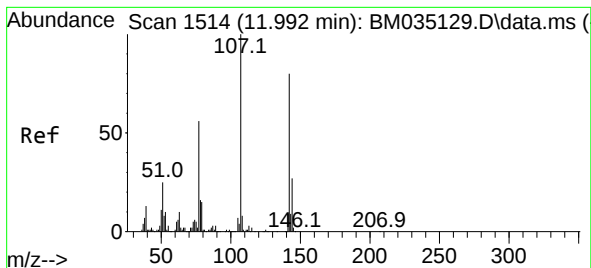


#34
Caprolactam
Concen: 4.362 ng/ul
RT: 11.622 min Scan# 1451
Delta R.T. -0.012 min
Lab File: BM035127.D
Acq: 17 May 2022 12:15



Tgt Ion:113 Resp: 12466
Ion Ratio Lower Upper
113 100
55 190.7 130.6 195.8
56 137.4 104.3 156.5

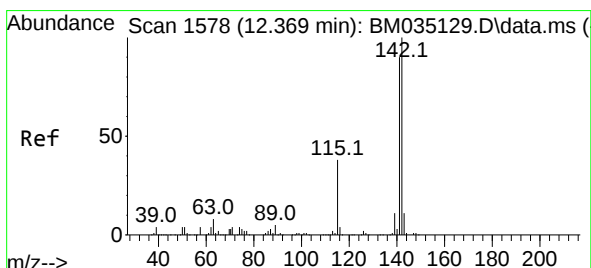
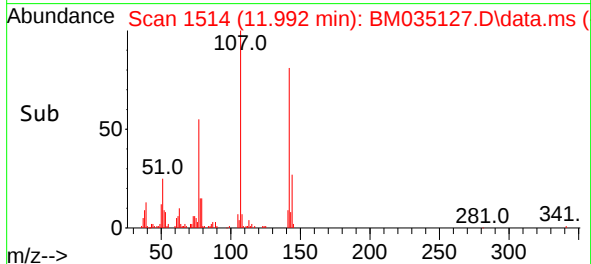
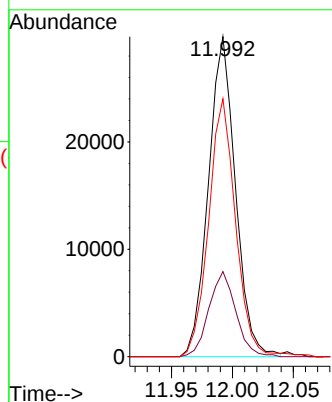
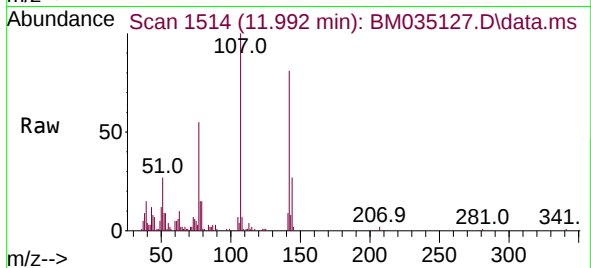




#35
4-Chloro-3-methylphenol
Concen: 4.481 ng/ul
RT: 11.992 min Scan# 1514
Delta R.T. -0.000 min
Lab File: BM035127.D
Acq: 17 May 2022 12:15

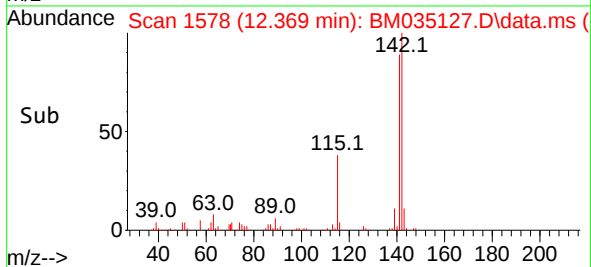
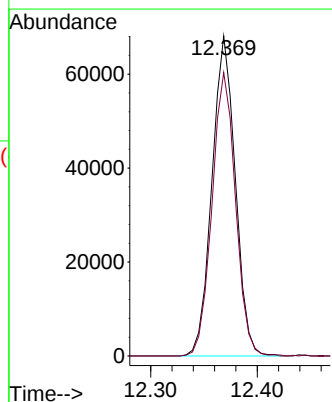
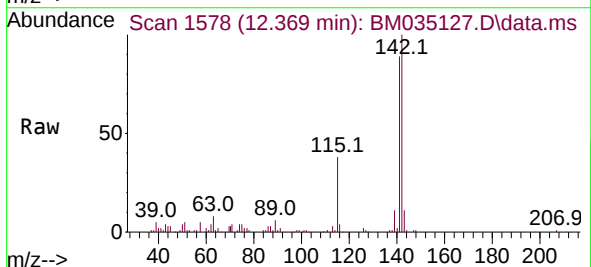
Instrument :
BNA_M
ClientSampleId :
SSTD005040

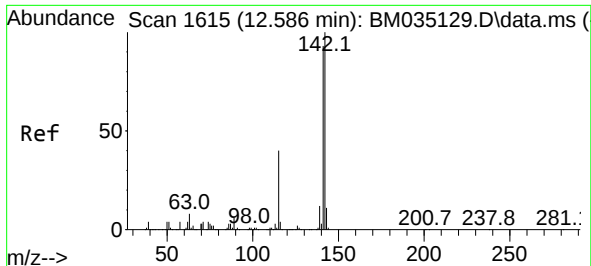
Tgt Ion:107 Resp: 46034
Ion Ratio Lower Upper
107 100
144 26.6 21.5 32.3
142 80.6 66.8 100.2



#36
2-Methylnaphthalene
Concen: 4.482 ng/ul
RT: 12.369 min Scan# 1578
Delta R.T. -0.000 min
Lab File: BM035127.D
Acq: 17 May 2022 12:15

Tgt Ion:142 Resp: 103365
Ion Ratio Lower Upper
142 100
141 88.6 72.2 108.2





#37

1-Methylnaphthalene

Concen: 4.388 ng/ul

RT: 12.586 min Scan# 1

Delta R.T. -0.000 min

Lab File: BM035127.D

Acq: 17 May 2022 12:15

Instrument :

BNA_M

ClientSampleId :

SSTD005040

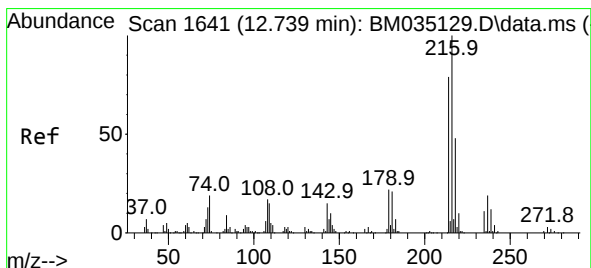
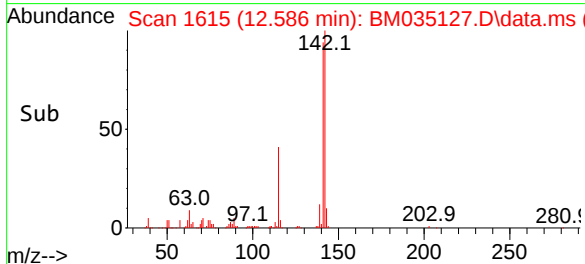
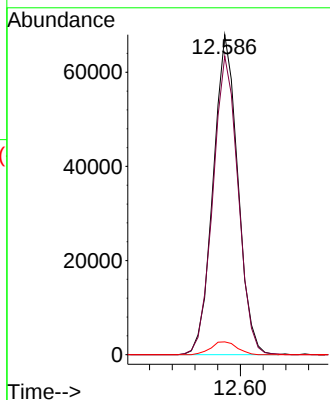
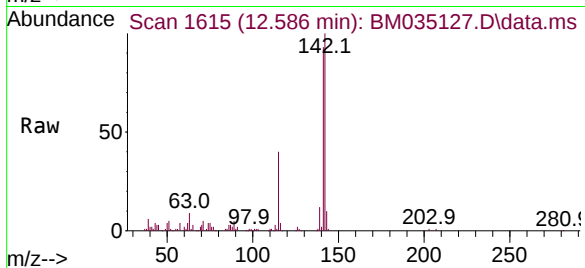
Tgt Ion:142 Resp: 102327

Ion Ratio Lower Upper

142 100

141 93.3 73.0 109.4

116 4.0 3.2 4.8



#39

1,2,4,5-Tetrachlorobenzene

Concen: 4.829 ng/ul

RT: 12.739 min Scan# 1641

Delta R.T. -0.000 min

Lab File: BM035127.D

Acq: 17 May 2022 12:15

Tgt Ion:216 Resp: 53756

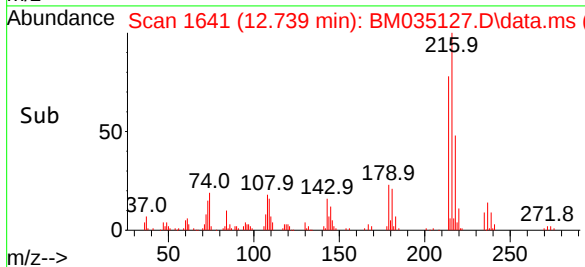
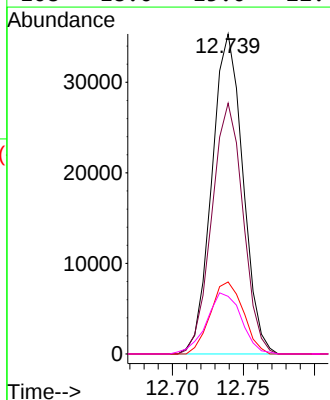
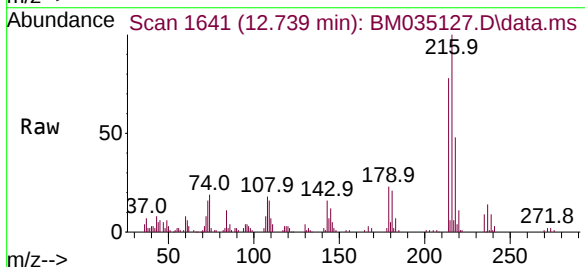
Ion Ratio Lower Upper

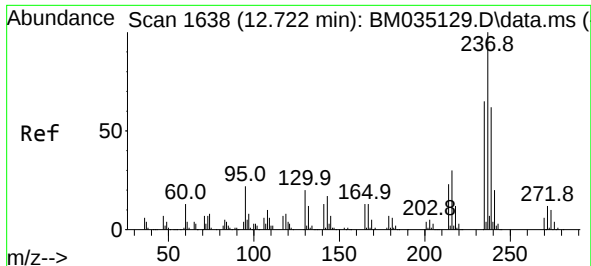
216 100

214 78.4 64.5 96.7

179 22.5 17.9 26.9

108 18.0 15.0 22.4

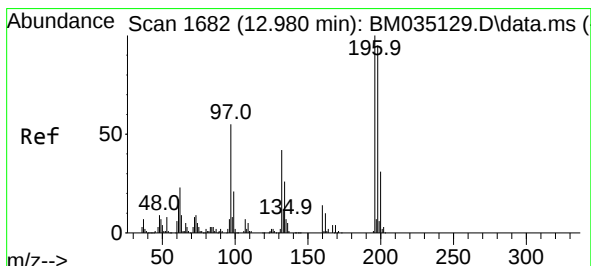
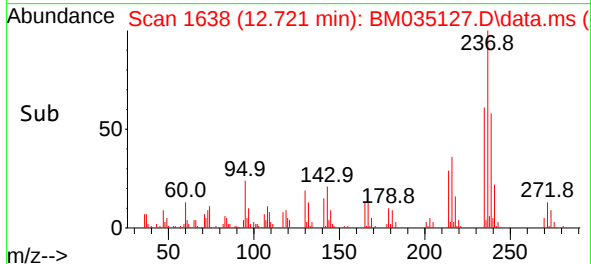
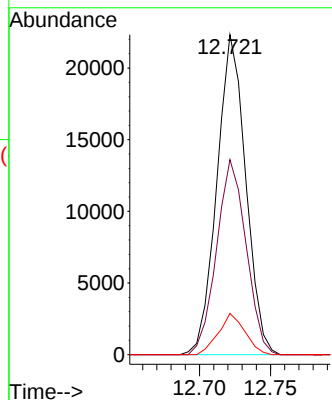
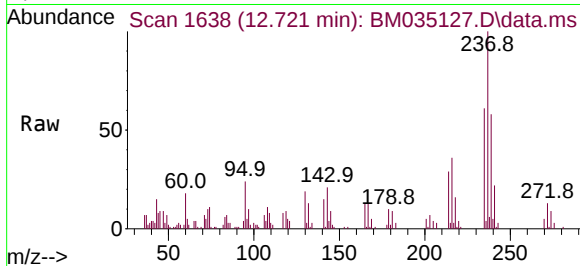




#40
Hexachlorocyclopentadiene
Concen: 4.083 ng/ul
RT: 12.721 min Scan# 1638
Delta R.T. -0.000 min
Lab File: BM035127.D
Acq: 17 May 2022 12:15

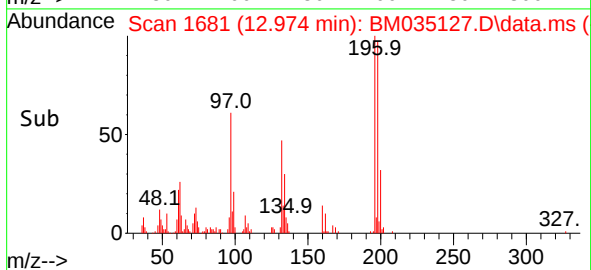
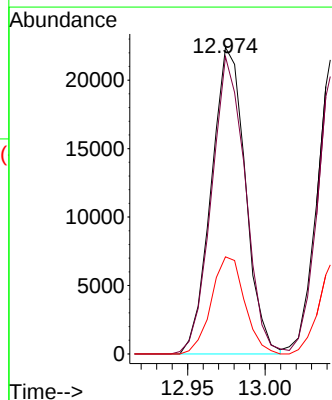
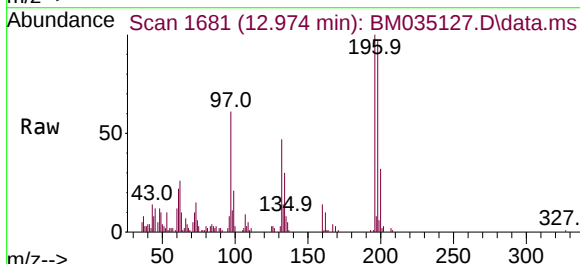
Instrument :
BNA_M
ClientSampleId :
SSTD005040

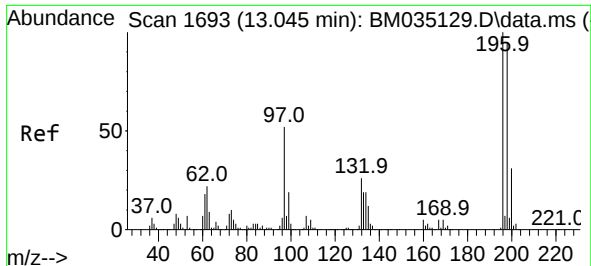
Tgt Ion:237 Resp: 31525
Ion Ratio Lower Upper
237 100
235 61.0 49.2 73.8
272 13.7 10.0 15.0



#41
2,4,6-Trichlorophenol
Concen: 4.846 ng/ul
RT: 12.974 min Scan# 1681
Delta R.T. -0.006 min
Lab File: BM035127.D
Acq: 17 May 2022 12:15

Tgt Ion:196 Resp: 34341
Ion Ratio Lower Upper
196 100
198 97.0 78.5 117.7
200 31.7 25.0 37.6

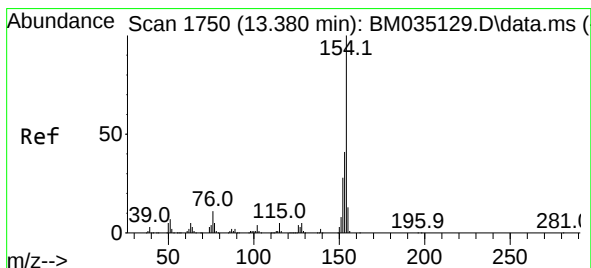
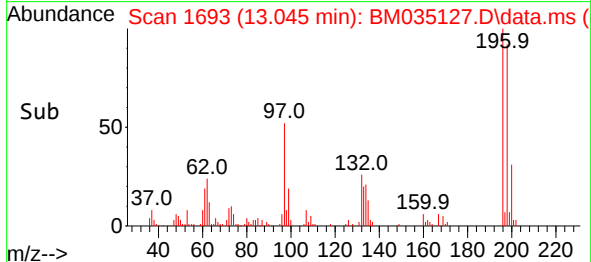
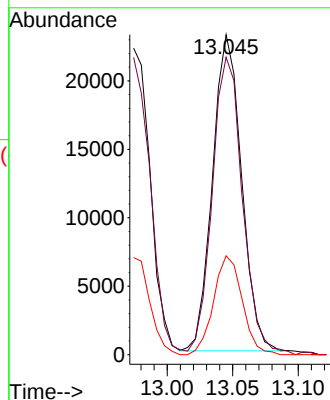
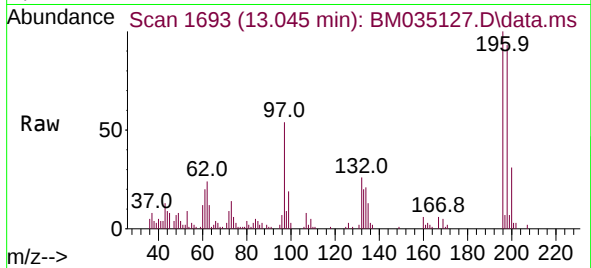




#42
2,4,5-Trichlorophenol
Concen: 4.682 ng/ul
RT: 13.045 min Scan# 1693
Delta R.T. -0.000 min
Lab File: BM035127.D
Acq: 17 May 2022 12:15

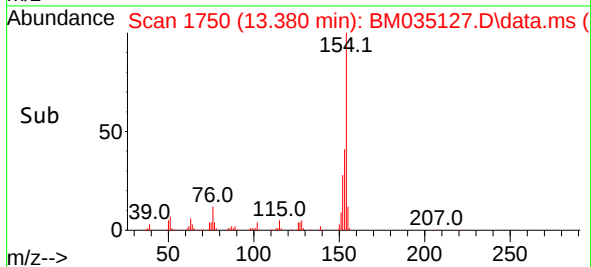
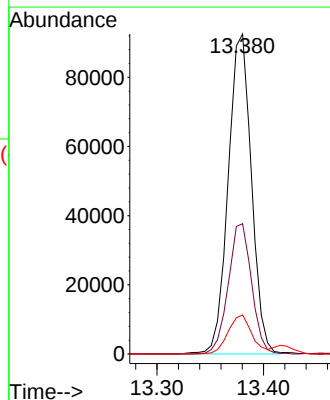
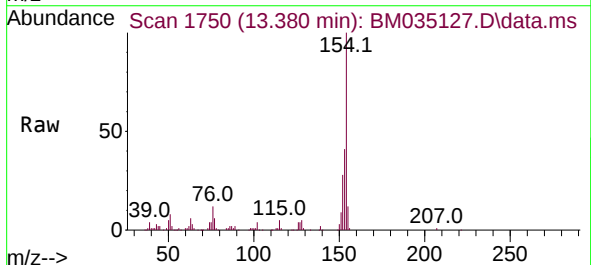
Instrument :
BNA_M
ClientSampleId :
SSTD005040

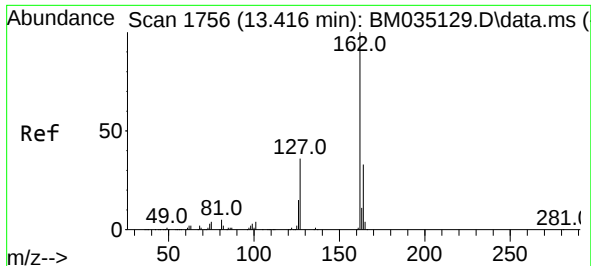
Tgt Ion:196 Resp: 35542
Ion Ratio Lower Upper
196 100
198 93.0 77.7 116.5
200 30.9 25.0 37.4



#43
1,1'-Biphenyl
Concen: 4.659 ng/ul
RT: 13.380 min Scan# 1750
Delta R.T. -0.000 min
Lab File: BM035127.D
Acq: 17 May 2022 12:15

Tgt Ion:154 Resp: 140100
Ion Ratio Lower Upper
154 100
153 40.7 32.2 48.2
76 12.2 8.6 12.8

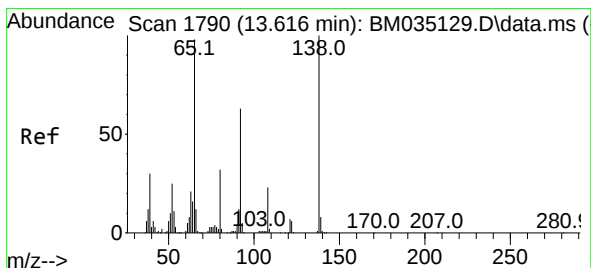
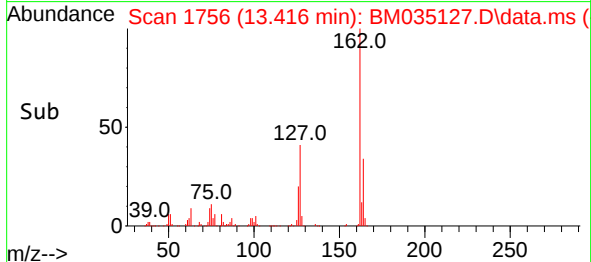
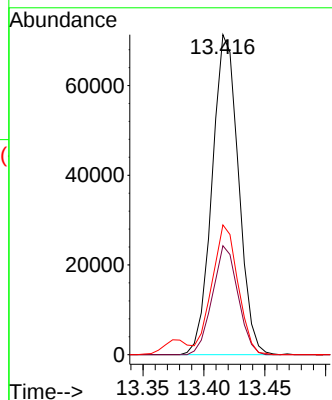
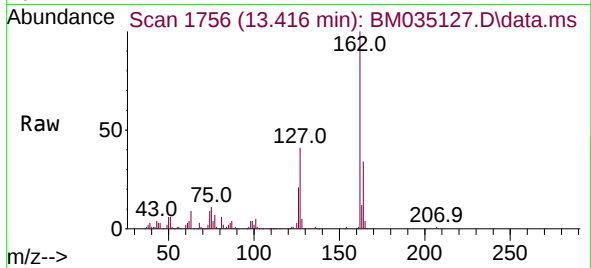




#44
2-Chloronaphthalene
Concen: 4.692 ng/ul
RT: 13.416 min Scan# 1756
Delta R.T. -0.000 min
Lab File: BM035127.D
Acq: 17 May 2022 12:15

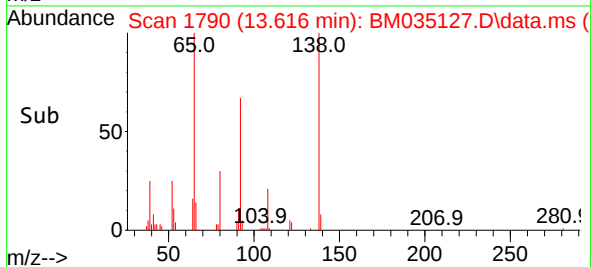
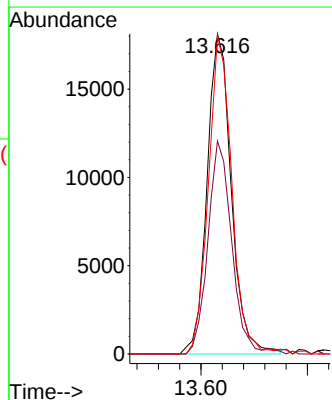
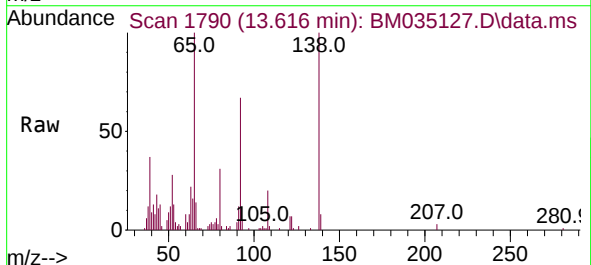
Instrument :
BNA_M
ClientSampleId :
SSTD005040

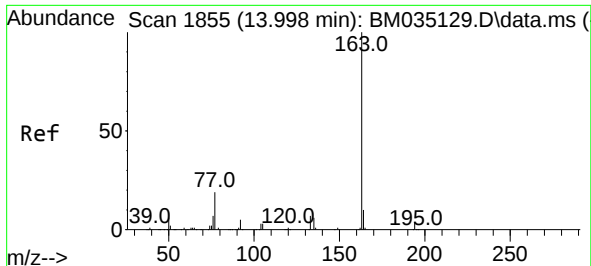
Tgt Ion:162 Resp: 107446
Ion Ratio Lower Upper
162 100
164 34.1 25.7 38.5
127 40.6 29.8 44.8



#45
2-Nitroaniline
Concen: 4.392 ng/ul
RT: 13.616 min Scan# 1790
Delta R.T. -0.000 min
Lab File: BM035127.D
Acq: 17 May 2022 12:15

Tgt Ion: 65 Resp: 28553
Ion Ratio Lower Upper
65 100
92 66.5 55.9 83.9
138 99.6 87.3 130.9





#47

Dimethylphthalate

Concen: 4.598 ng/ul

RT: 13.998 min Scan# 1855

Delta R.T. -0.000 min

Lab File: BM035127.D

Acq: 17 May 2022 12:15

Instrument :

BNA_M

ClientSampleId :

SSTD005040

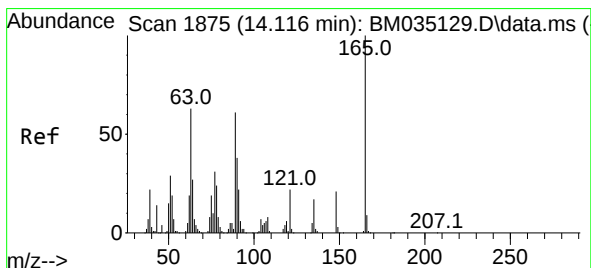
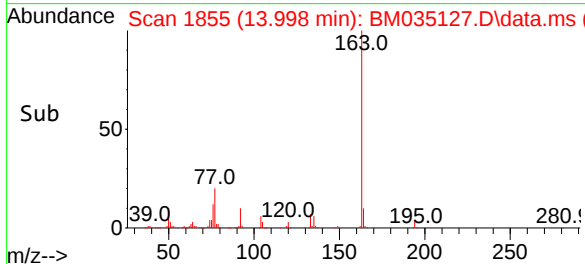
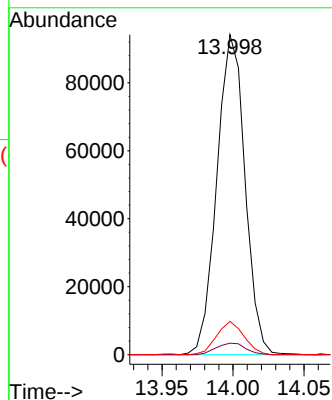
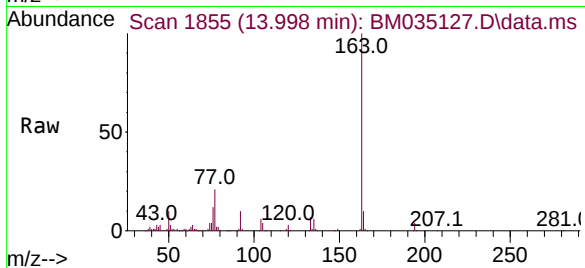
Tgt Ion:163 Resp: 129666

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: 4.357 ng/ul

RT: 14.116 min Scan# 1875

Delta R.T. -0.000 min

Lab File: BM035127.D

Acq: 17 May 2022 12:15

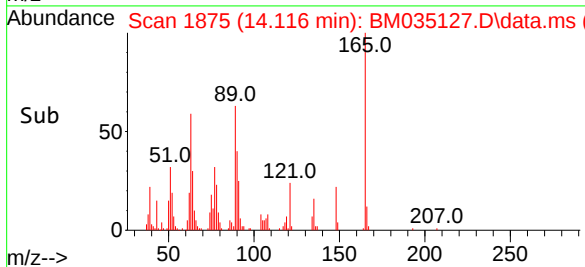
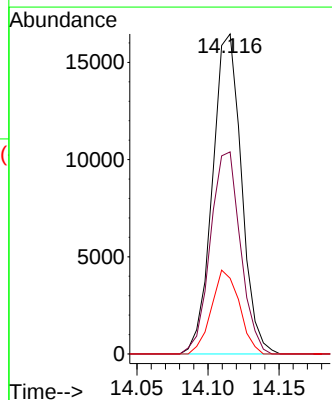
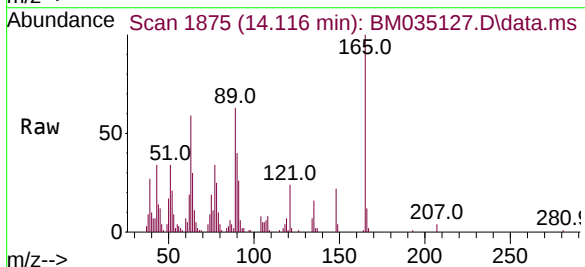
Tgt Ion:165 Resp: 23337

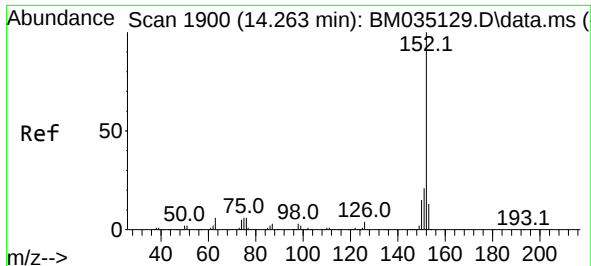
Ion Ratio Lower Upper

165 100

89 63.1 43.1 64.7

121 23.6 16.6 24.8

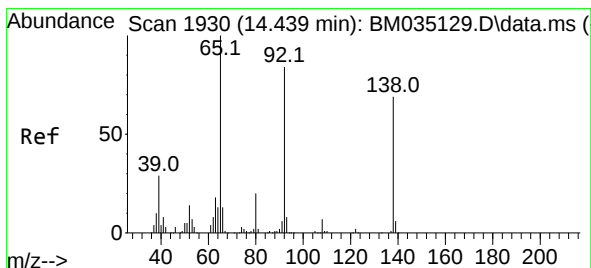
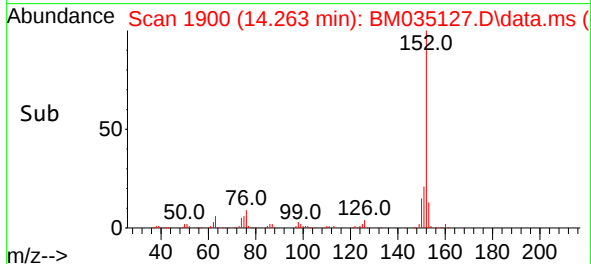
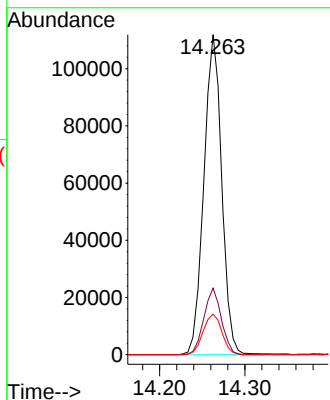
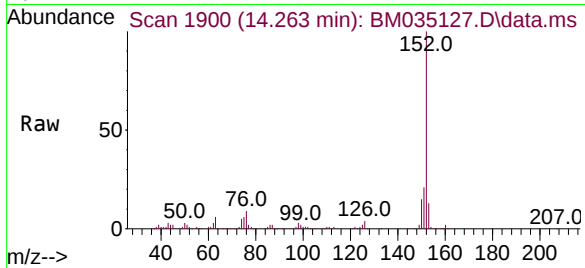




#50
Acenaphthylene
Concen: 4.473 ng/ul
RT: 14.263 min Scan# 1900
Delta R.T. -0.000 min
Lab File: BM035127.D
Acq: 17 May 2022 12:15

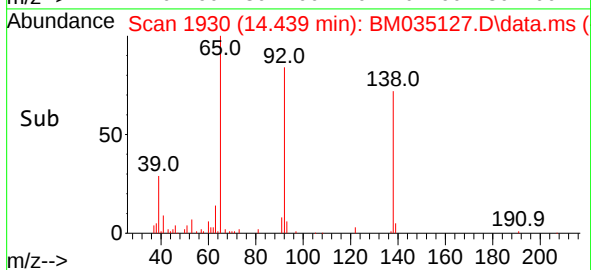
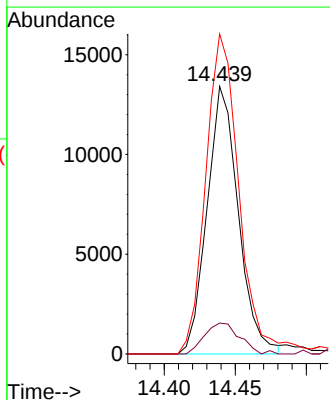
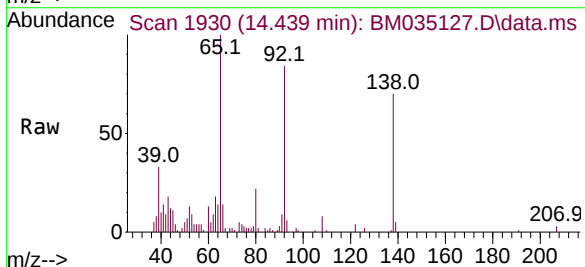
Instrument :
BNA_M
ClientSampleId :
SSTD005040

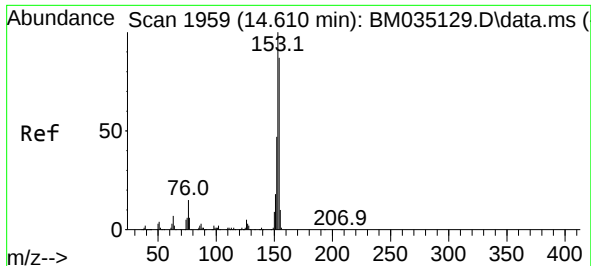
Tgt Ion:152 Resp: 162775
Ion Ratio Lower Upper
152 100
151 20.8 15.3 22.9
153 12.6 10.2 15.4



#51
3-Nitroaniline
Concen: 4.200 ng/ul
RT: 14.439 min Scan# 1930
Delta R.T. -0.000 min
Lab File: BM035127.D
Acq: 17 May 2022 12:15

Tgt Ion:138 Resp: 20601
Ion Ratio Lower Upper
138 100
108 11.5 10.2 15.4
92 119.6 85.4 128.0

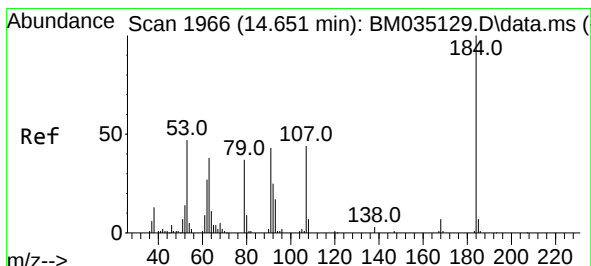
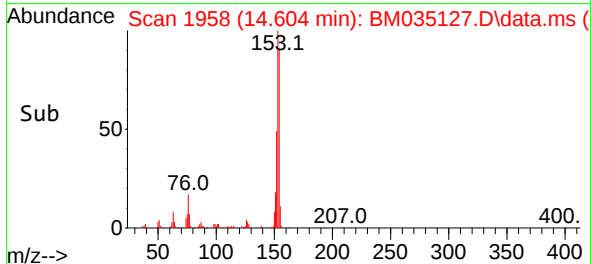
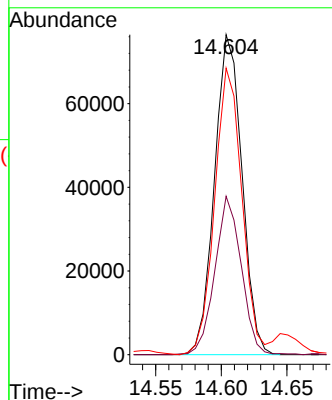
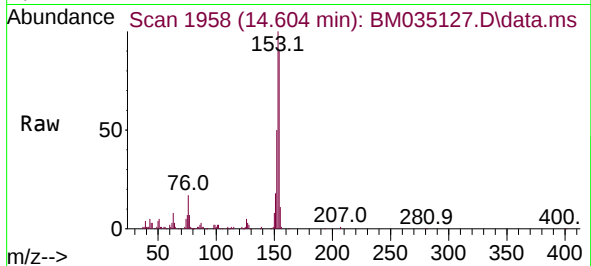




#52
Acenaphthene
Concen: 4.582 ng/ul
RT: 14.604 min Scan# 1958
Delta R.T. -0.006 min
Lab File: BM035127.D
Acq: 17 May 2022 12:15

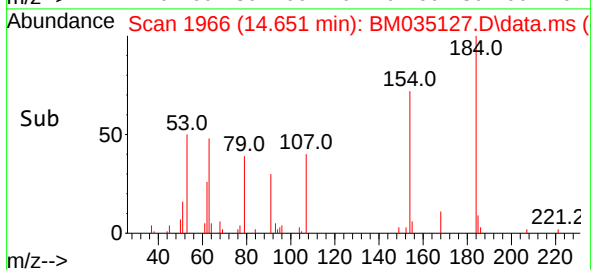
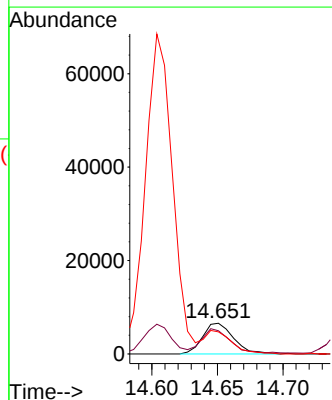
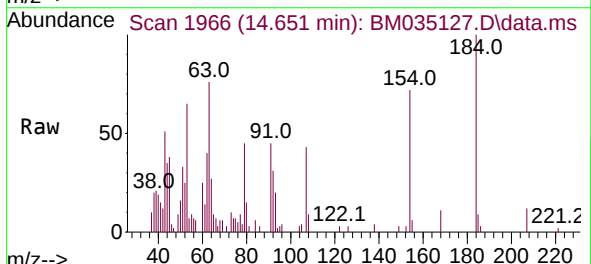
Instrument :
BNA_M
ClientSampleId :
SSTD005040

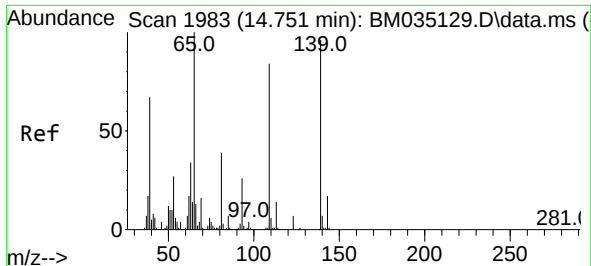
Tgt Ion:153 Resp: 111448
Ion Ratio Lower Upper
153 100
152 49.5 37.5 56.3
154 89.6 71.0 106.4



#53
2,4-Dinitrophenol
Concen: 3.454 ng/ul
RT: 14.651 min Scan# 1966
Delta R.T. -0.000 min
Lab File: BM035127.D
Acq: 17 May 2022 12:15

Tgt Ion:184 Resp: 10792
Ion Ratio Lower Upper
184 100
63 75.7 51.8 77.6
154 71.6 54.3 81.5

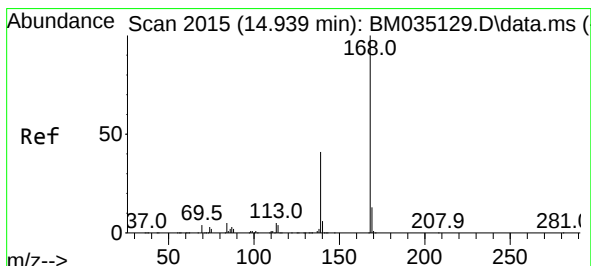
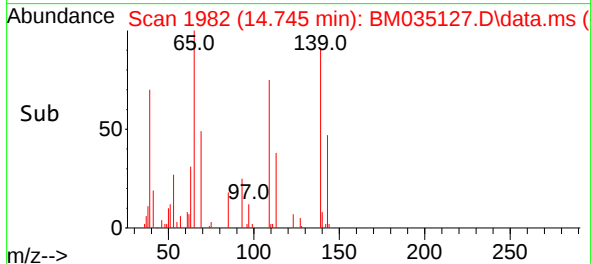
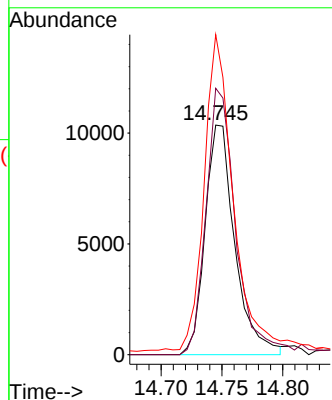
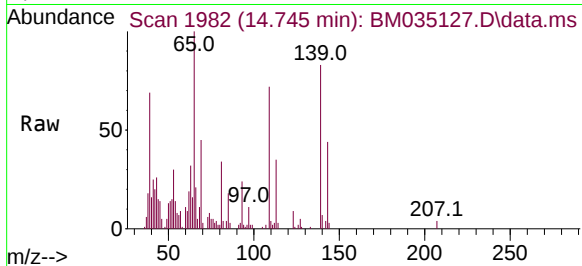




#55
4-Nitrophenol
Concen: 4.113 ng/ul
RT: 14.745 min Scan# 1983
Delta R.T. -0.006 min
Lab File: BM035127.D
Acq: 17 May 2022 12:15

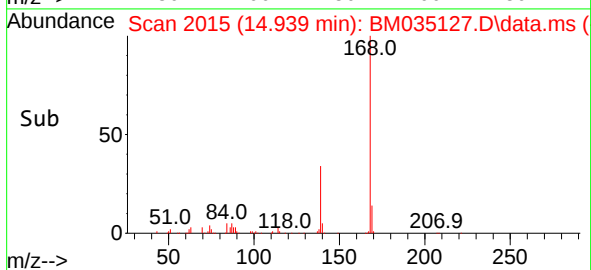
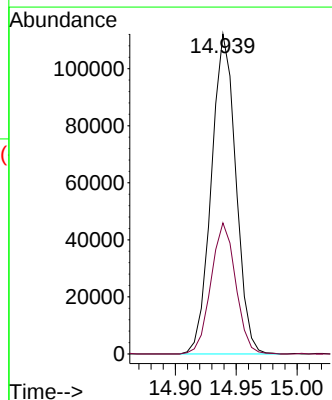
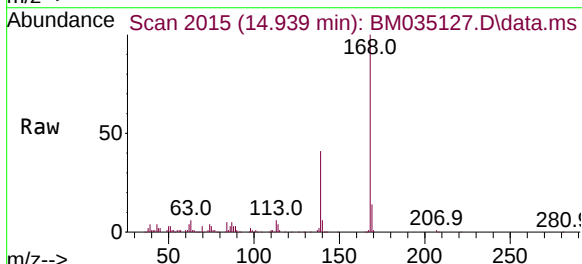
Instrument :
BNA_M
ClientSampleId :
SSTD005040

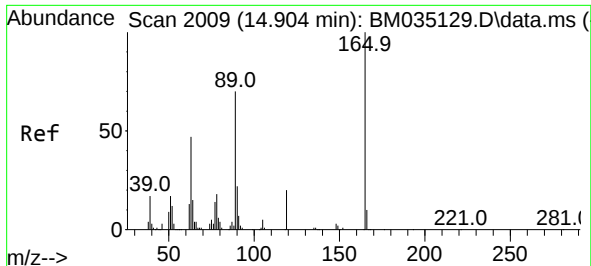
Tgt Ion:109 Resp: 17639
Ion Ratio Lower Upper
109 100
139 116.0 104.6 156.8
65 139.4 100.6 150.8



#56
Dibenzofuran
Concen: 4.695 ng/ul
RT: 14.939 min Scan# 2015
Delta R.T. -0.000 min
Lab File: BM035127.D
Acq: 17 May 2022 12:15

Tgt Ion:168 Resp: 157264
Ion Ratio Lower Upper
168 100
139 41.0 30.0 45.0

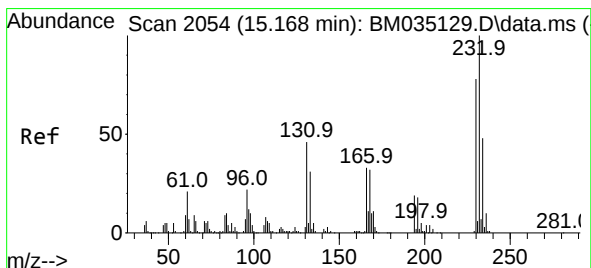
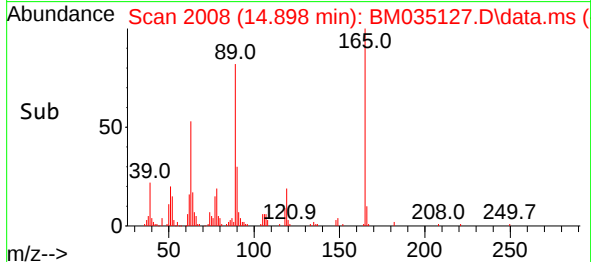
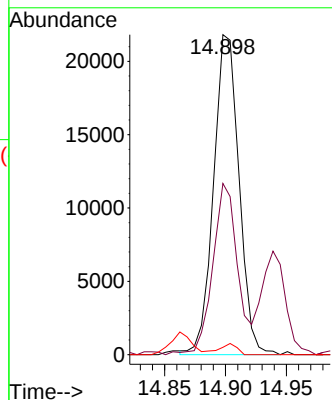
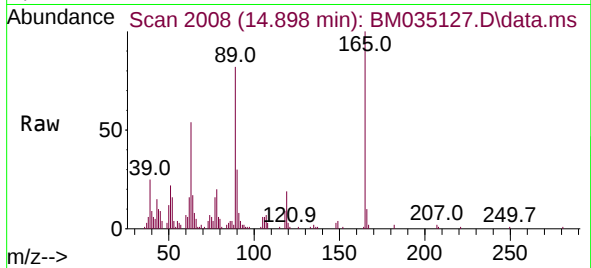




#57
2,4-Dinitrotoluene
Concen: 4.200 ng/ul
RT: 14.898 min Scan# 2008
Delta R.T. -0.006 min
Lab File: BM035127.D
Acq: 17 May 2022 12:15

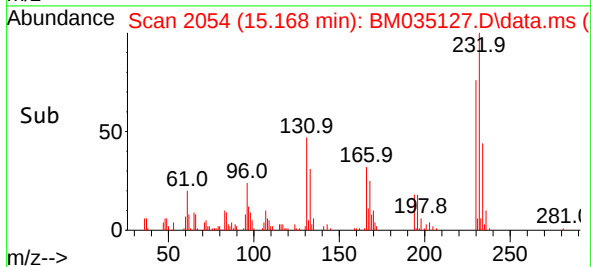
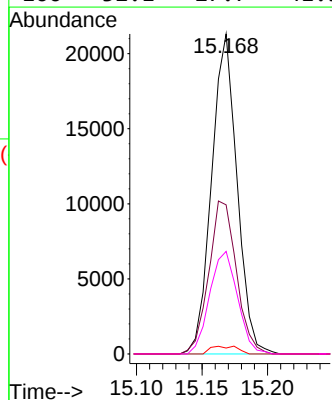
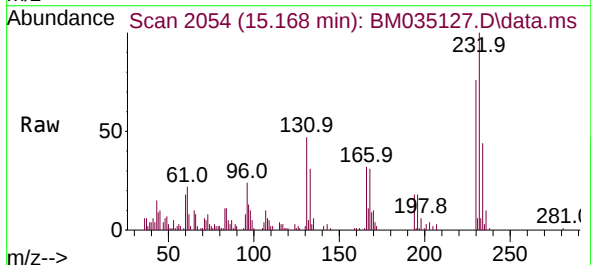
Instrument :
BNA_M
ClientSampleId :
SSTD005040

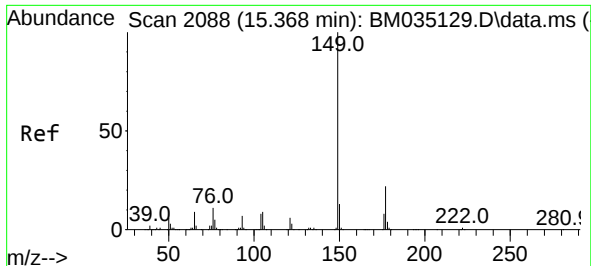
Tgt Ion:165 Resp: 31735
Ion Ratio Lower Upper
165 100
63 53.5 34.2 51.4#
182 2.3 2.2 3.2



#58
2,3,4,6-Tetrachlorophenol
Concen: 4.829 ng/ul
RT: 15.168 min Scan# 2054
Delta R.T. -0.000 min
Lab File: BM035127.D
Acq: 17 May 2022 12:15

Tgt Ion:232 Resp: 28747
Ion Ratio Lower Upper
232 100
131 46.6 39.6 59.4
130 1.9 2.1 3.1#
166 32.1 27.7 41.5

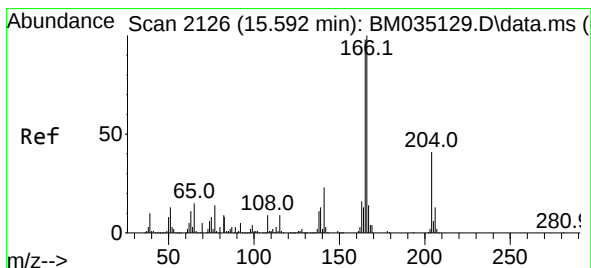
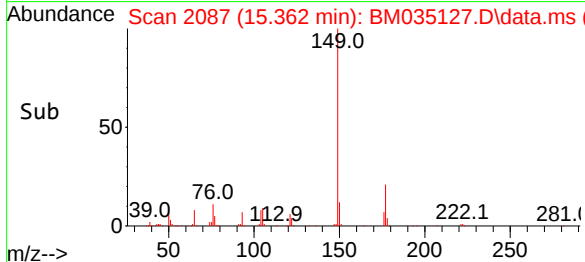
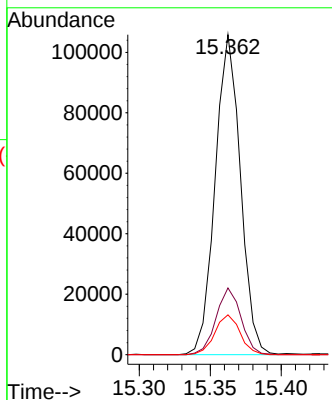
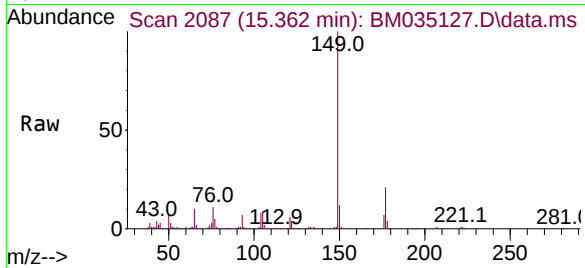




#59
Diethylphthalate
Concen: 4.525 ng/ul
RT: 15.362 min Scan# 2088
Delta R.T. -0.006 min
Lab File: BM035127.D
Acq: 17 May 2022 12:15

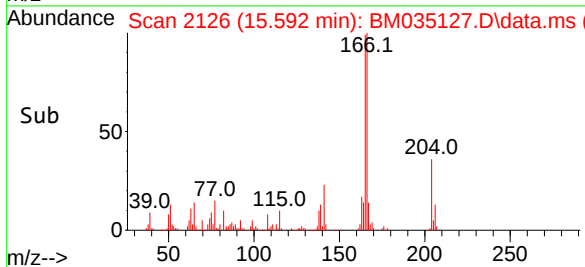
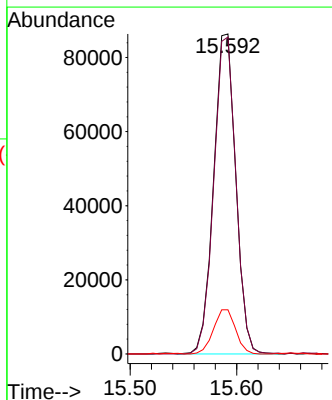
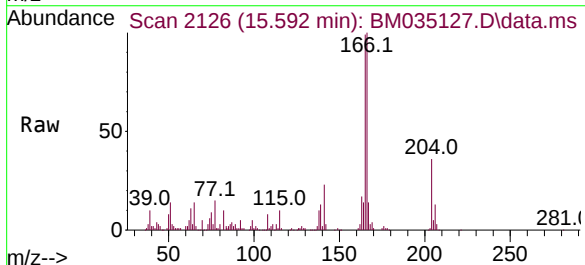
Instrument :
BNA_M
ClientSampleId :
SSTD005040

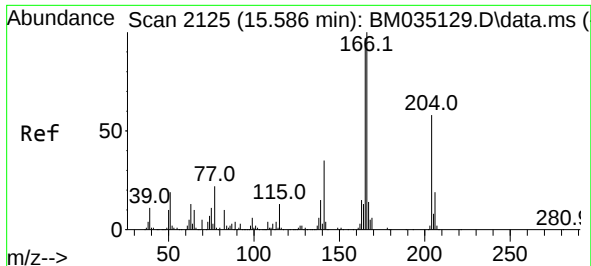
Tgt Ion:149 Resp: 130705
Ion Ratio Lower Upper
149 100
177 20.9 17.2 25.8
150 12.5 9.8 14.6



#61
Fluorene
Concen: 4.549 ng/ul
RT: 15.592 min Scan# 2126
Delta R.T. -0.000 min
Lab File: BM035127.D
Acq: 17 May 2022 12:15

Tgt Ion:166 Resp: 124639
Ion Ratio Lower Upper
166 100
165 99.0 77.9 116.9
167 13.8 10.3 15.5

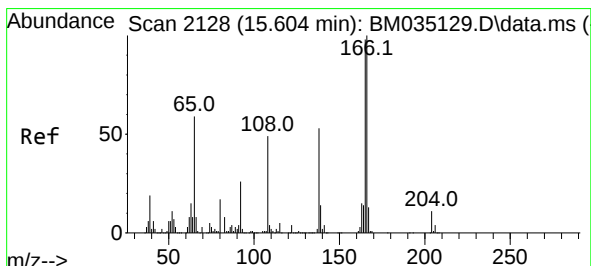
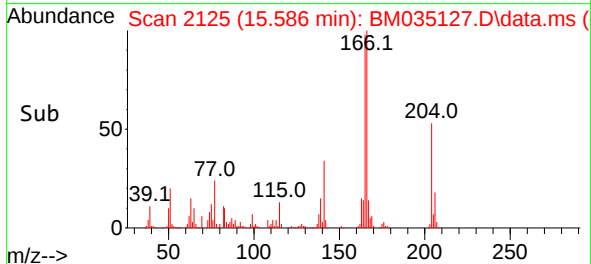
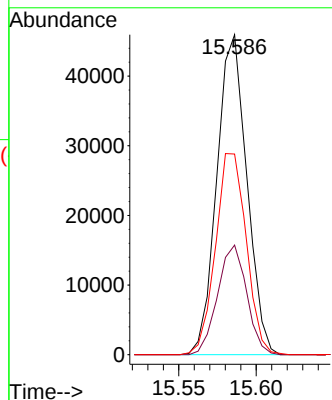
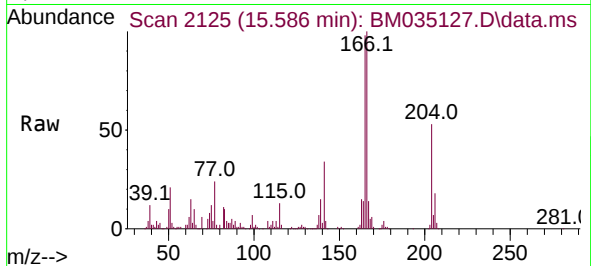




#62
4-Chlorophenyl-phenylether
Concen: 4.647 ng/ul
RT: 15.586 min Scan# 2125
Delta R.T. -0.000 min
Lab File: BM035127.D
Acq: 17 May 2022 12:15

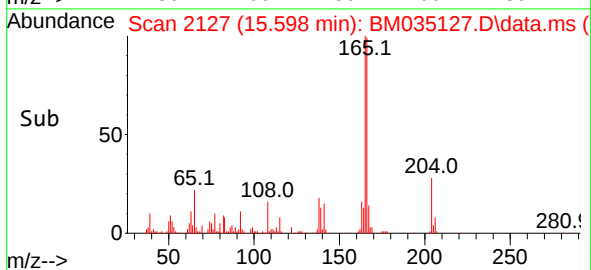
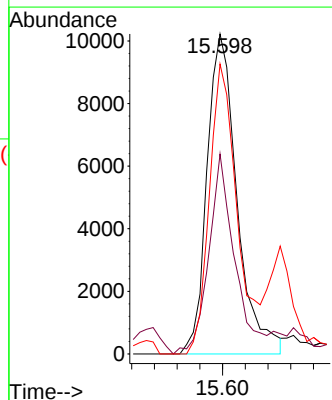
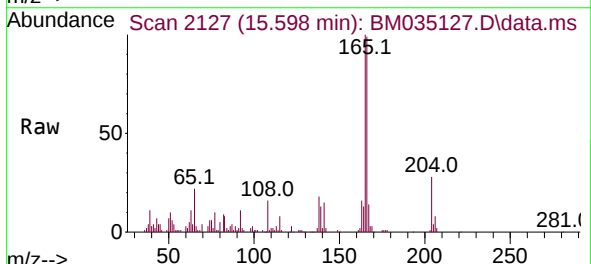
Instrument :
BNA_M
ClientSampleId :
SSTD005040

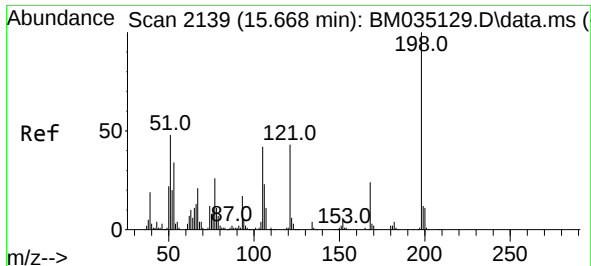
Tgt Ion:204 Resp: 61845
Ion Ratio Lower Upper
204 100
206 34.2 26.2 39.4
141 62.7 49.5 74.3



#63
4-Nitroaniline
Concen: 4.297 ng/ul
RT: 15.598 min Scan# 2127
Delta R.T. -0.006 min
Lab File: BM035127.D
Acq: 17 May 2022 12:15

Tgt Ion:138 Resp: 18758
Ion Ratio Lower Upper
138 100
92 62.5 37.2 55.8#
108 90.6 58.4 87.6#

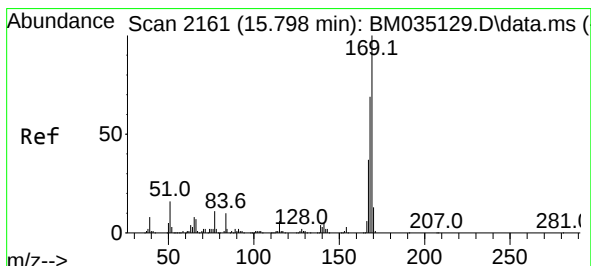
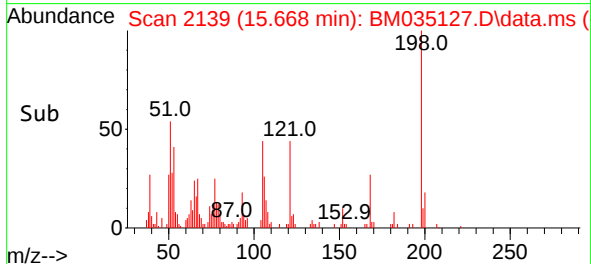
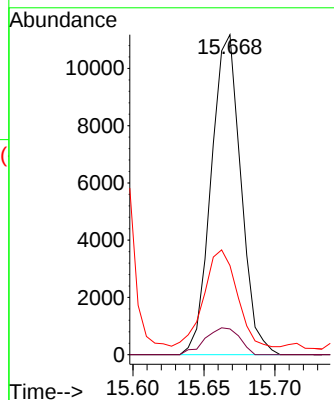
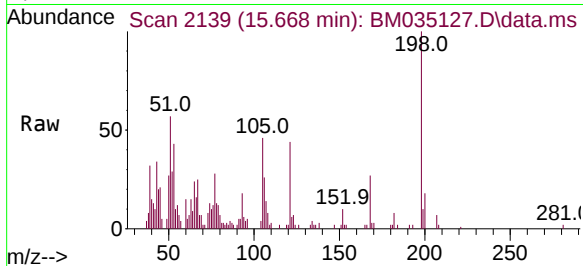




#66
 4,6-Dinitro-2-methylphenol
 Concen: 3.545 ng/ul
 RT: 15.668 min Scan# 2139
 Delta R.T. -0.000 min
 Lab File: BM035127.D
 Acq: 17 May 2022 12:15

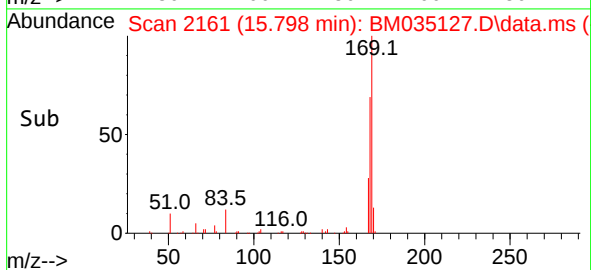
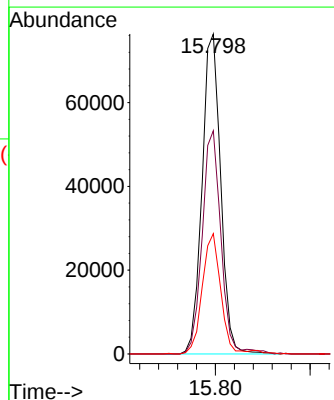
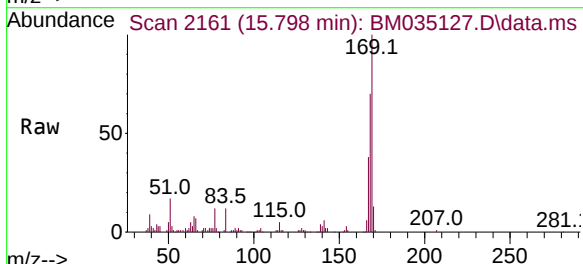
Instrument :
 BNA_M
 ClientSampleId :
 SSTD005040

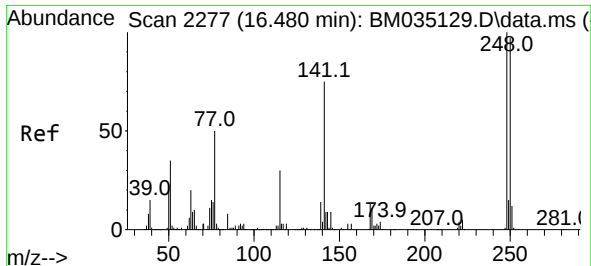
Tgt Ion:198 Resp: 16250
 Ion Ratio Lower Upper
 198 100
 182 8.1 4.6 6.8#
 77 27.9 22.2 33.2



#67
 N-Nitrosodiphenylamine
 Concen: 4.406 ng/ul
 RT: 15.798 min Scan# 2161
 Delta R.T. -0.000 min
 Lab File: BM035127.D
 Acq: 17 May 2022 12:15

Tgt Ion:169 Resp: 104218
 Ion Ratio Lower Upper
 169 100
 168 69.8 54.8 82.2
 167 37.6 28.9 43.3

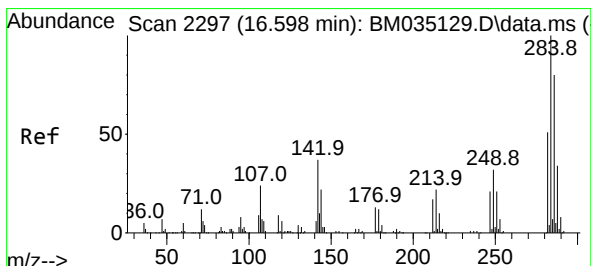
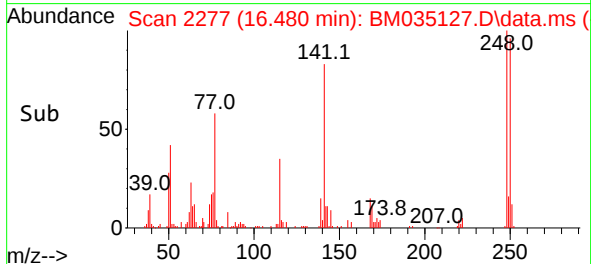
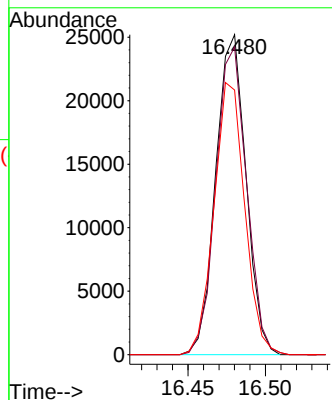
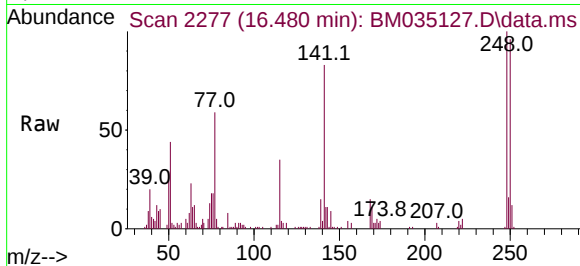




#68
4-Bromophenyl-phenylether
Concen: 4.472 ng/ul
RT: 16.480 min Scan# 211
Delta R.T. -0.000 min
Lab File: BM035127.D
Acq: 17 May 2022 12:15

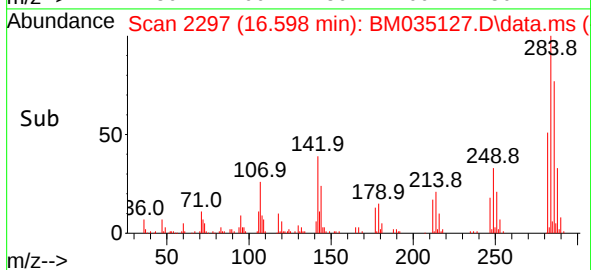
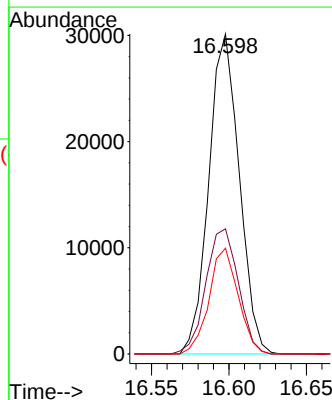
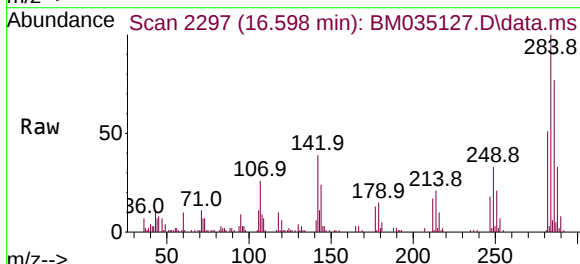
Instrument :
BNA_M
ClientSampleId :
SSTD005040

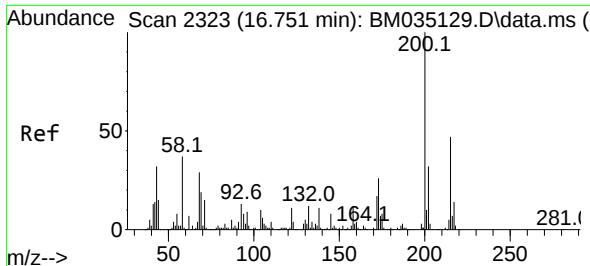
Tgt Ion:248	Resp:	34168
Ion Ratio	Lower	Upper
248	100	
250	96.2	77.9 116.9
141	82.7	61.0 91.4



#69
Hexachlorobenzene
Concen: 4.765 ng/ul
RT: 16.598 min Scan# 2297
Delta R.T. -0.000 min
Lab File: BM035127.D
Acq: 17 May 2022 12:15

Tgt Ion:284	Resp:	41190
Ion Ratio	Lower	Upper
284	100	
142	36.8	31.2 46.8
249	31.1	25.9 38.9

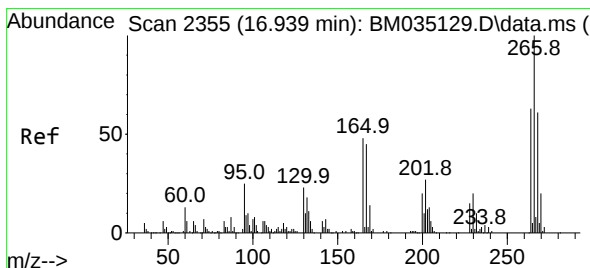
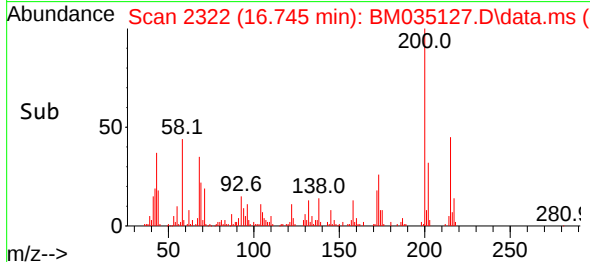
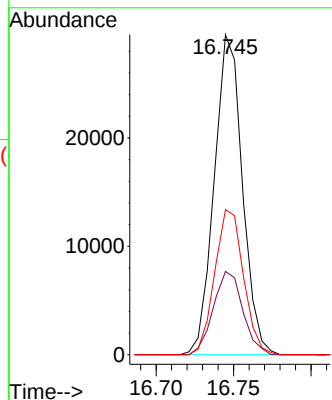
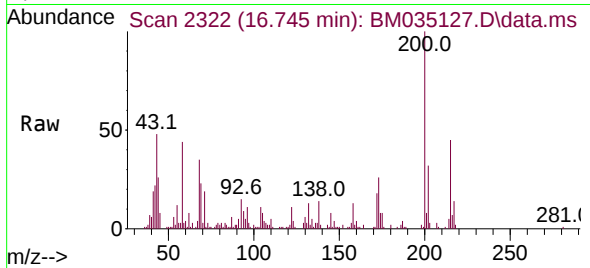




#70
 Atrazine
 Concen: 4.431 ng/ul
 RT: 16.745 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BM035127.D
 Acq: 17 May 2022 12:15

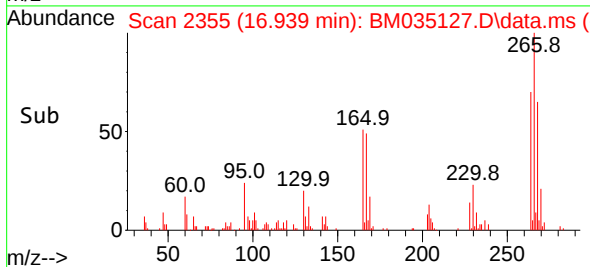
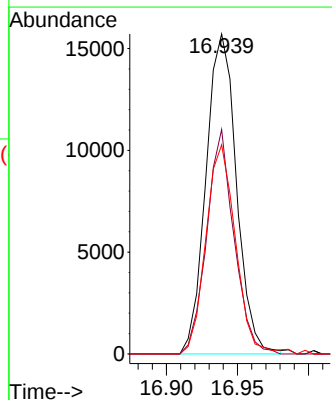
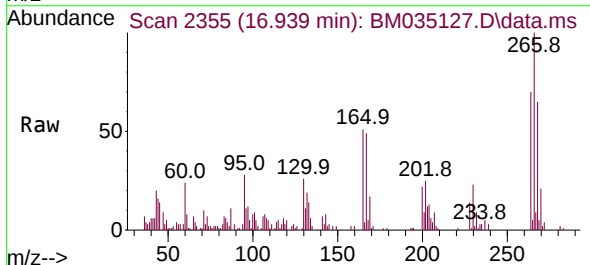
Instrument :
 BNA_M
 ClientSampleId :
 SSTD005040

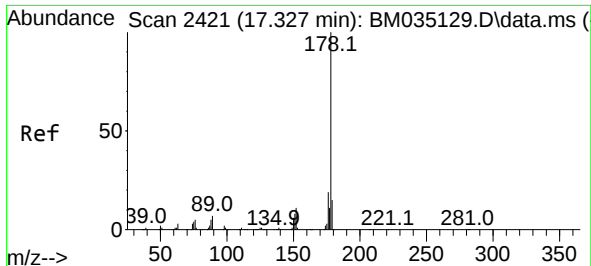
Tgt Ion:200 Resp: 37256
 Ion Ratio Lower Upper
 200 100
 173 26.0 21.3 31.9
 215 45.3 37.1 55.7



#71
 Pentachlorophenol
 Concen: 4.369 ng/ul
 RT: 16.939 min Scan# 2355
 Delta R.T. -0.000 min
 Lab File: BM035127.D
 Acq: 17 May 2022 12:15

Tgt Ion:266 Resp: 23446
 Ion Ratio Lower Upper
 266 100
 264 70.2 48.4 72.6
 268 70.6 50.6 76.0

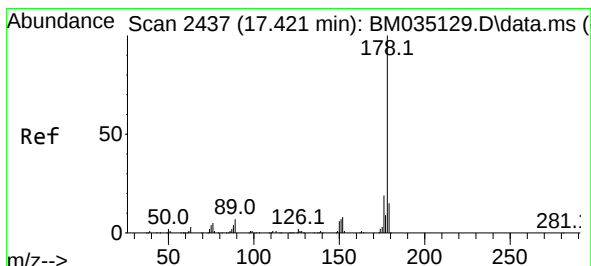
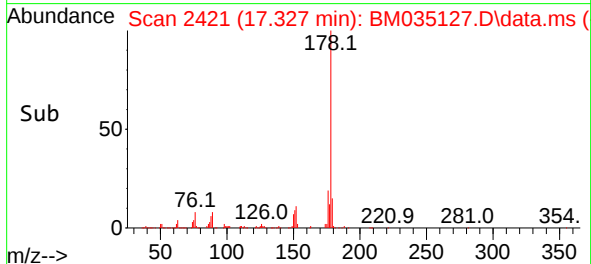
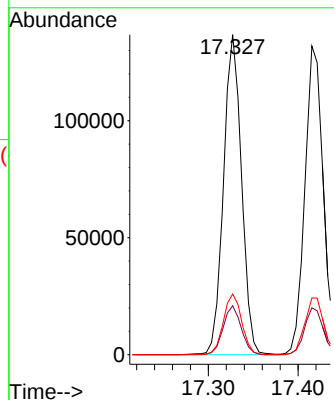
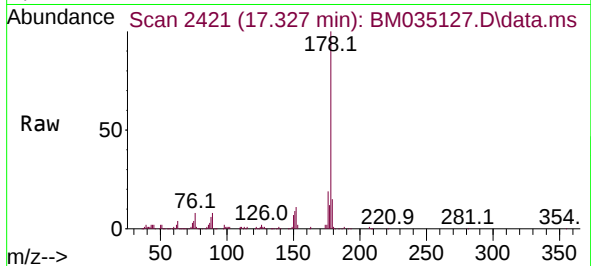




#72
Phenanthrene
Concen: 4.608 ng/ul
RT: 17.327 min Scan# 2421
Delta R.T. -0.000 min
Lab File: BM035127.D
Acq: 17 May 2022 12:15

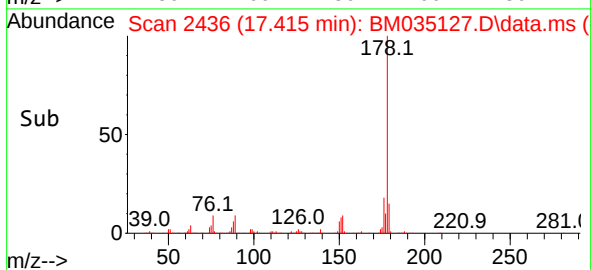
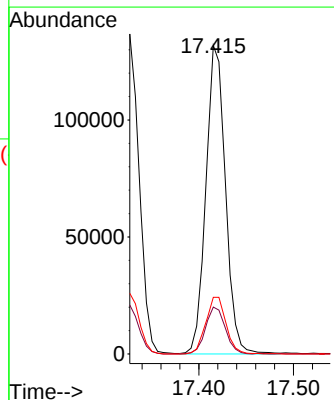
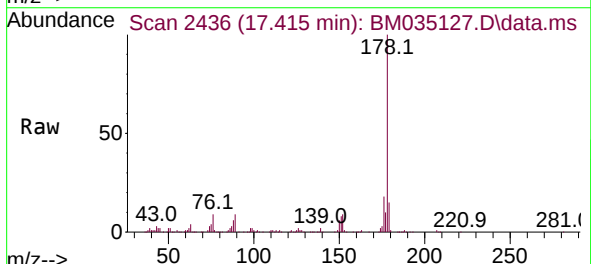
Instrument :
BNA_M
ClientSampleId :
SSTD005040

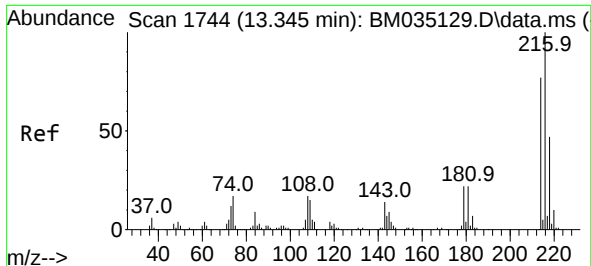
Tgt Ion:178 Resp: 190444
Ion Ratio Lower Upper
178 100
179 15.3 12.2 18.4
176 19.0 15.0 22.6



#74
Anthracene
Concen: 4.524 ng/ul
RT: 17.415 min Scan# 2436
Delta R.T. -0.006 min
Lab File: BM035127.D
Acq: 17 May 2022 12:15

Tgt Ion:178 Resp: 189108
Ion Ratio Lower Upper
178 100
179 15.2 12.2 18.4
176 18.3 14.6 22.0

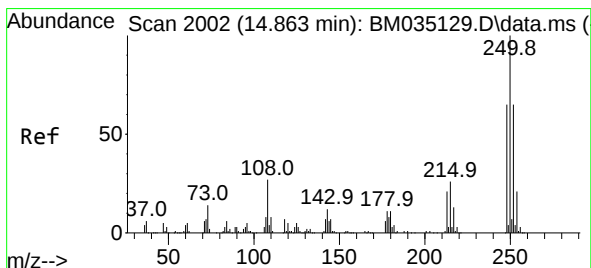
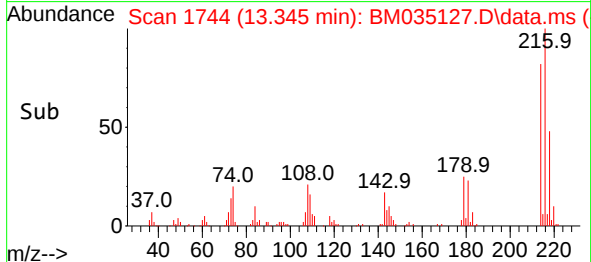
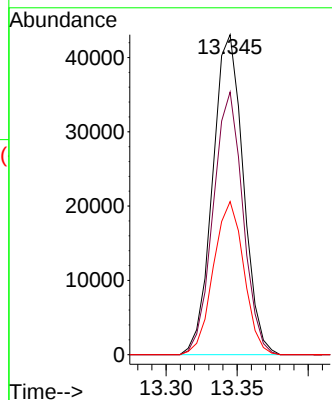
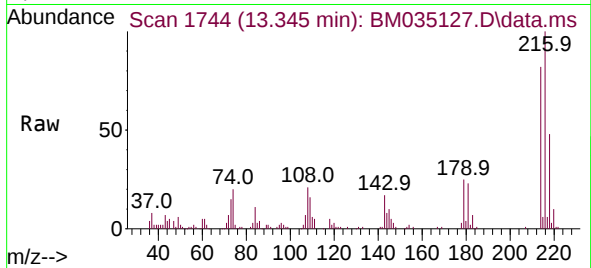




#75
1,2,3,4-Tetrachlorobenzene
Concen: 5.496 ng/uL
RT: 13.345 min Scan# 11
Delta R.T. -0.000 min
Lab File: BM035127.D
Acq: 17 May 2022 12:15

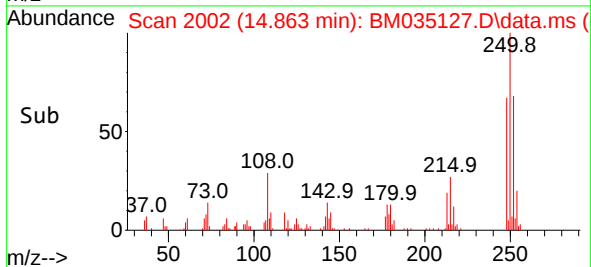
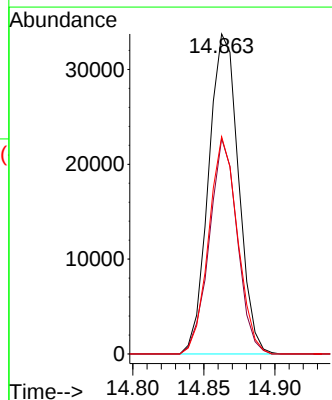
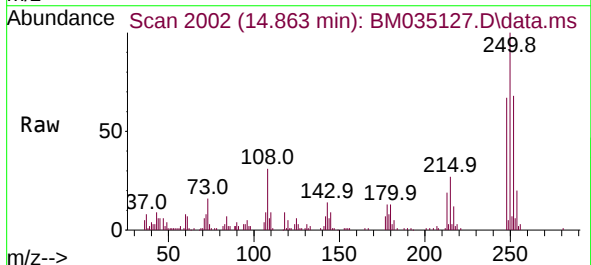
Instrument :
BNA_M
ClientSampleId :
SSTD005040

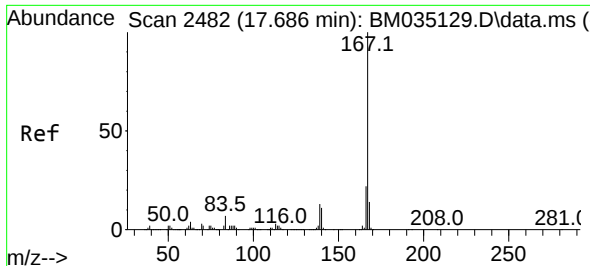
Tgt Ion:216 Resp: 64616
Ion Ratio Lower Upper
216 100
214 82.1 62.6 94.0
218 47.9 37.1 55.7



#76
Pentachlorobenzene
Concen: 4.589 ng/uL
RT: 14.863 min Scan# 2002
Delta R.T. -0.000 min
Lab File: BM035127.D
Acq: 17 May 2022 12:15

Tgt Ion:250 Resp: 49426
Ion Ratio Lower Upper
250 100
248 67.4 49.9 74.9
252 67.9 51.5 77.3

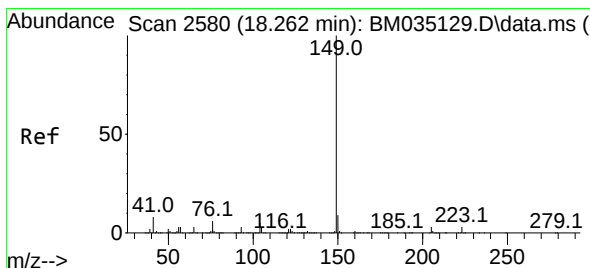
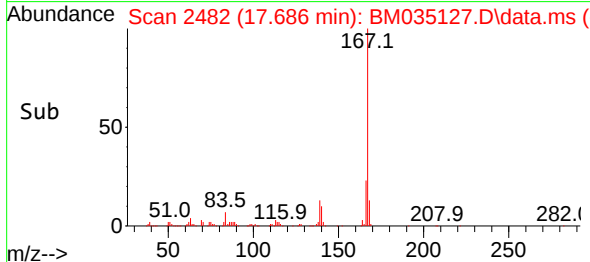
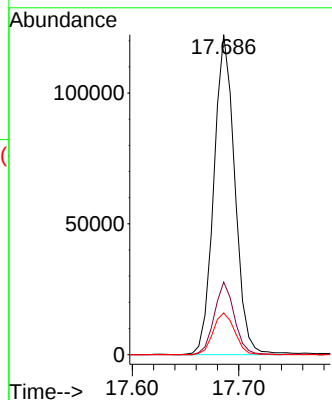
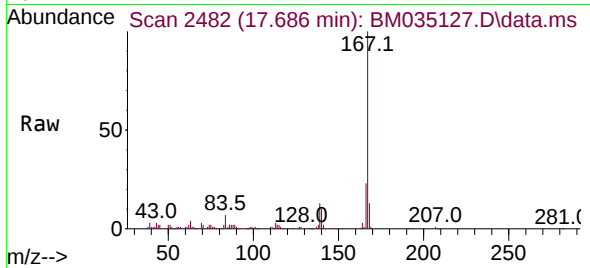




#77
 Carbazole
 Concen: 4.540 ng/ul
 RT: 17.686 min Scan# 2482
 Delta R.T. -0.000 min
 Lab File: BM035127.D
 Acq: 17 May 2022 12:15

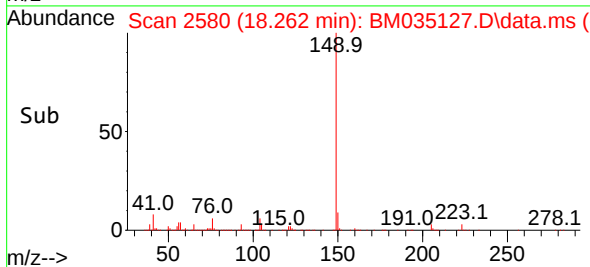
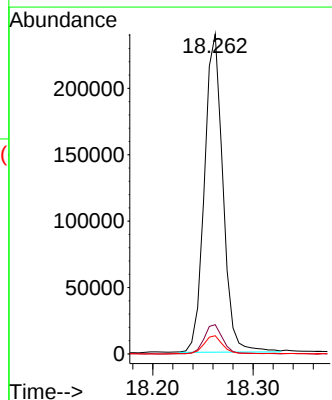
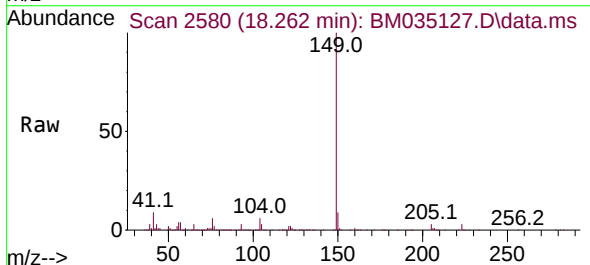
Instrument :
 BNA_M
 ClientSampleId :
 SSTD005040

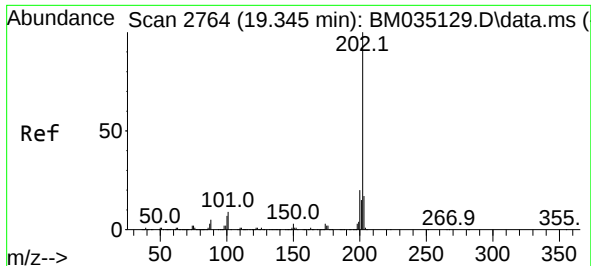
Tgt Ion:167 Resp: 166816
 Ion Ratio Lower Upper
 167 100
 166 22.7 17.1 25.7
 139 13.1 10.5 15.7



#78
 Di-n-butylphthalate
 Concen: 6.735 ng/ul
 RT: 18.262 min Scan# 2580
 Delta R.T. -0.000 min
 Lab File: BM035127.D
 Acq: 17 May 2022 12:15

Tgt Ion:149 Resp: 306890
 Ion Ratio Lower Upper
 149 100
 150 9.1 7.1 10.7
 104 5.7 4.1 6.1

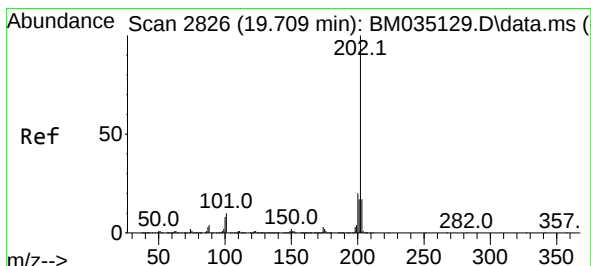
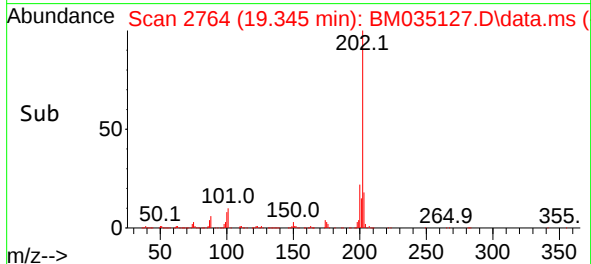
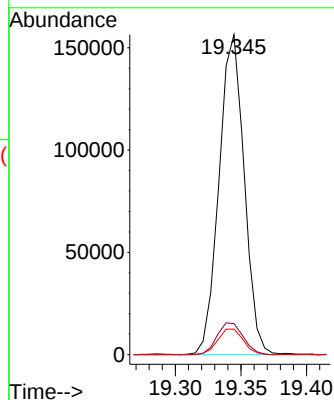
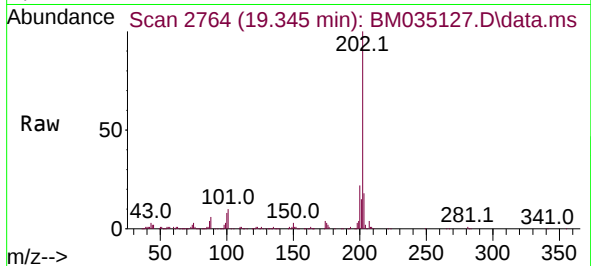




#80
Fluoranthene
Concen: 4.072 ng/ul
RT: 19.345 min Scan# 21
Delta R.T. -0.000 min
Lab File: BM035127.D
Acq: 17 May 2022 12:15

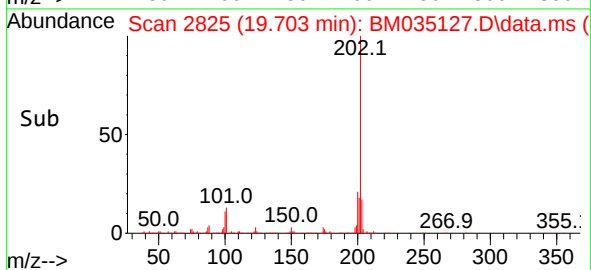
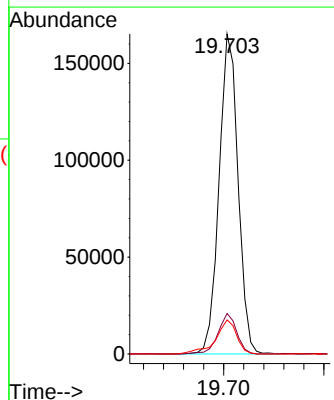
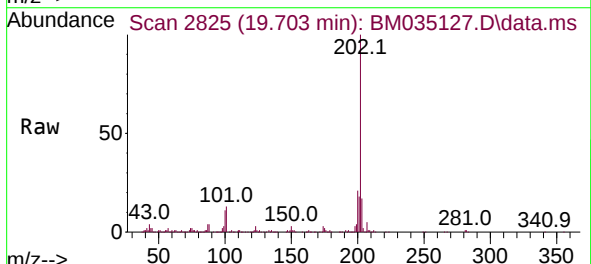
Instrument :
BNA_M
ClientSampleId :
SSTD005040

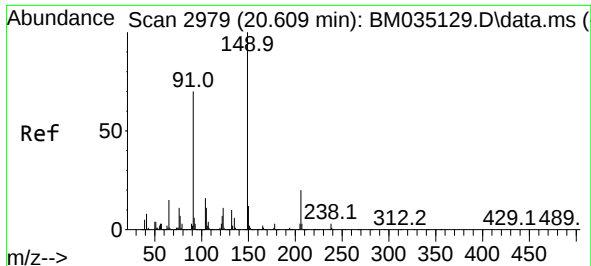
Tgt Ion:202 Resp: 208980
Ion Ratio Lower Upper
202 100
101 9.7 7.4 11.2
100 8.0 5.8 8.6



#82
Pyrene
Concen: 4.134 ng/ul
RT: 19.703 min Scan# 2825
Delta R.T. -0.006 min
Lab File: BM035127.D
Acq: 17 May 2022 12:15

Tgt Ion:202 Resp: 216664
Ion Ratio Lower Upper
202 100
101 12.6 9.4 14.0
100 10.6 7.8 11.6

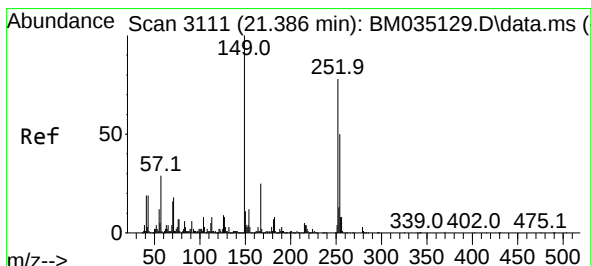
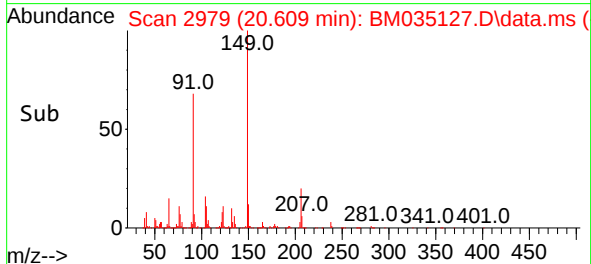
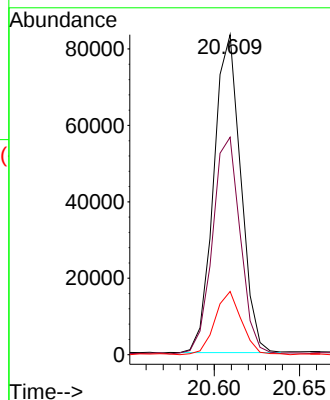
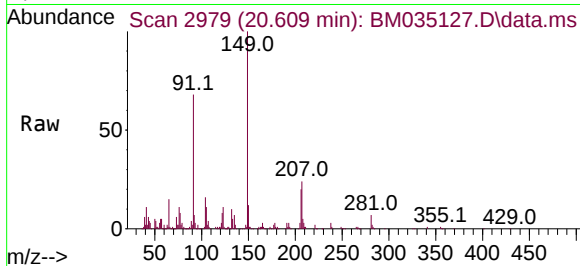




#83
Butylbenzylphthalate
Concen: 4.379 ng/ul
RT: 20.609 min Scan# 2979
Delta R.T. -0.000 min
Lab File: BM035127.D
Acq: 17 May 2022 12:15

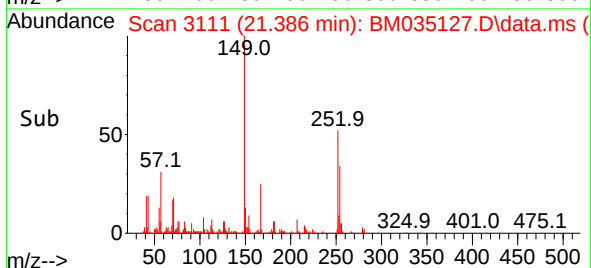
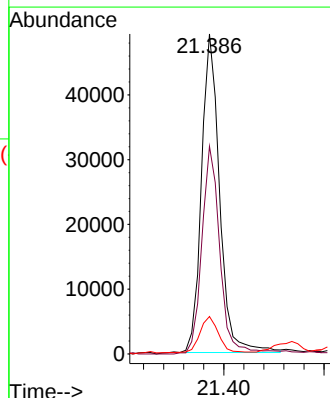
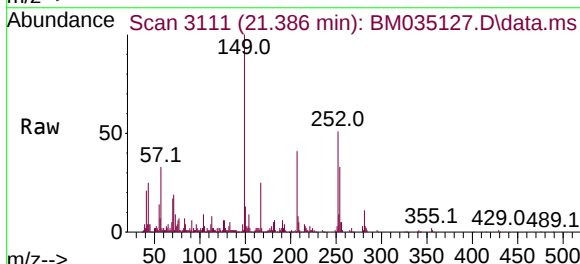
Instrument :
BNA_M
ClientSampleId :
SSTD005040

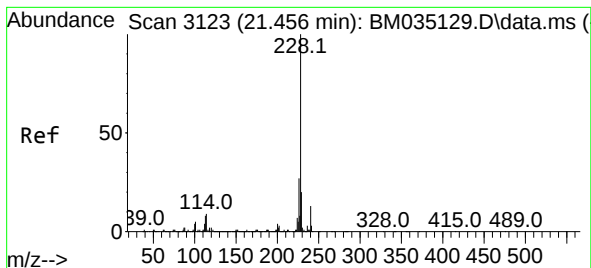
Tgt Ion:	149	Resp:	91805
Ion Ratio	Lower	Upper	
149	100		
91	67.9	54.3	81.5
206	19.7	15.8	23.6



#84
3,3'-Dichlorobenzidine
Concen: 4.806 ng/ul
RT: 21.386 min Scan# 3111
Delta R.T. -0.000 min
Lab File: BM035127.D
Acq: 17 May 2022 12:15

Tgt Ion:	252	Resp:	62009
Ion Ratio	Lower	Upper	
252	100		
254	64.9	51.0	76.4
126	11.7	9.0	13.6





#85

Benzo(a)anthracene

Concen: 4.629 ng/ul

RT: 21.456 min Scan# 3123

Delta R.T. -0.000 min

Lab File: BM035127.D

Acq: 17 May 2022 12:15

Instrument :

BNA_M

ClientSampleId :

SSTD005040

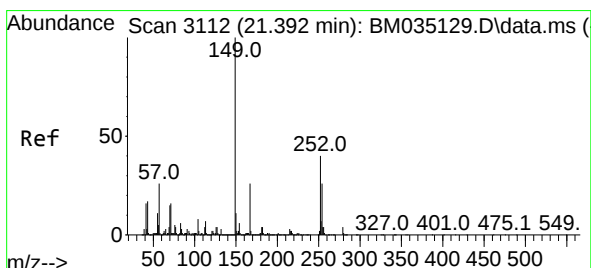
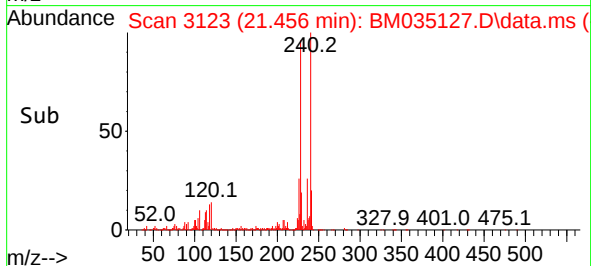
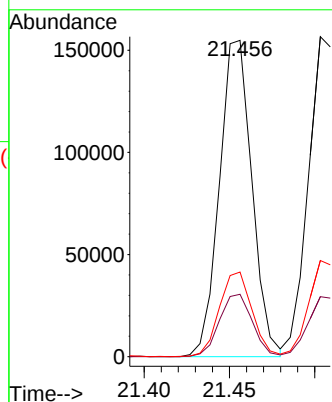
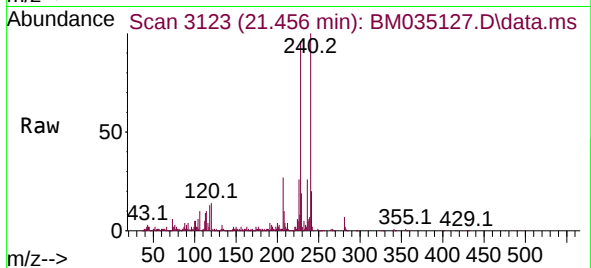
Tgt Ion:228 Resp: 205644

Ion Ratio Lower Upper

228 100

229 19.7 15.4 23.0

226 26.7 21.7 32.5



#86

Bis(2-ethylhexyl)phthalate

Concen: 4.468 ng/ul

RT: 21.392 min Scan# 3112

Delta R.T. -0.000 min

Lab File: BM035127.D

Acq: 17 May 2022 12:15

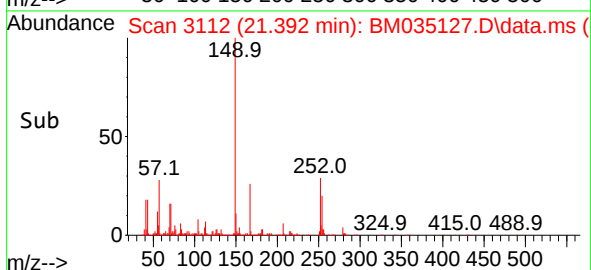
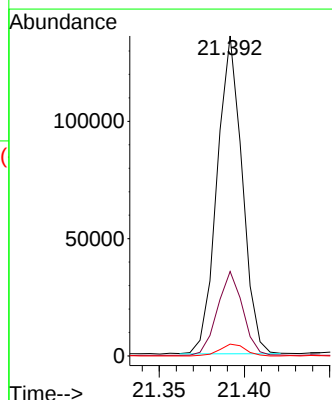
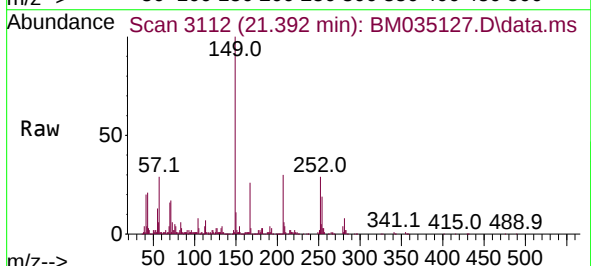
Tgt Ion:149 Resp: 138815

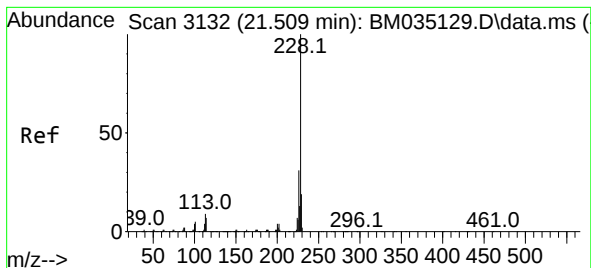
Ion Ratio Lower Upper

149 100

167 26.4 21.4 32.0

279 3.7 3.4 5.2





#87

Chrysene

Concen: 4.676 ng/ul

RT: 21.503 min Scan# 31

Delta R.T. -0.006 min

Lab File: BM035127.D

Acq: 17 May 2022 12:15

Instrument :

BNA_M

ClientSampleId :

SSTD005040

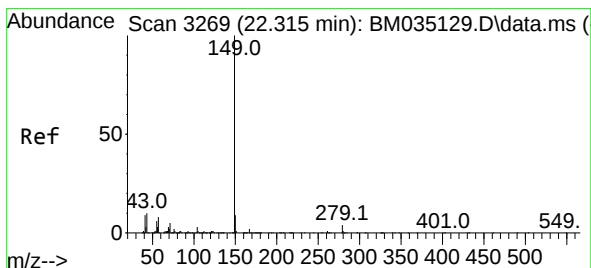
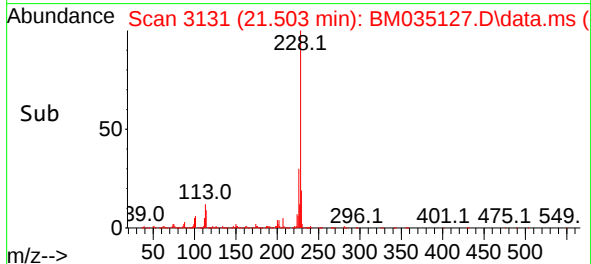
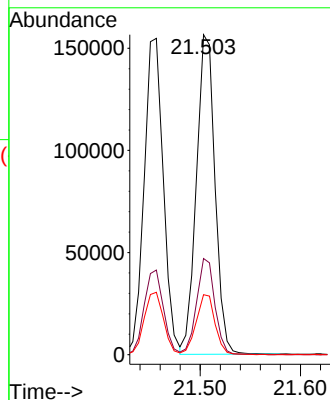
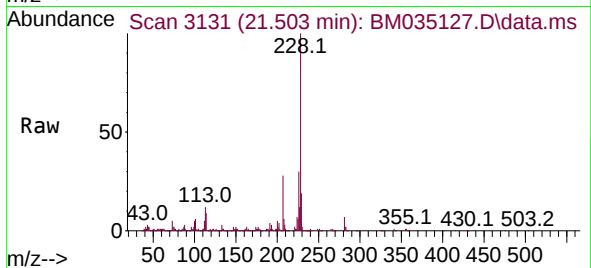
Tgt Ion:228 Resp: 202253

Ion Ratio Lower Upper

228 100

226 30.0 23.7 35.5

229 18.8 15.7 23.5



#89

Di-n-octyl phthalate

Concen: 3.890 ng/ul

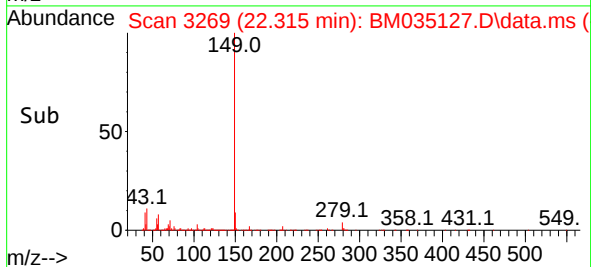
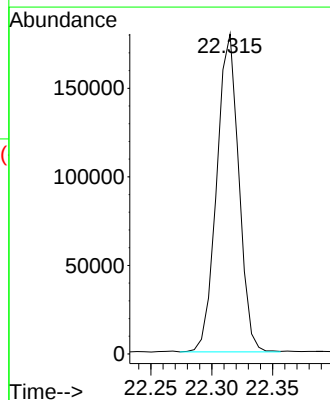
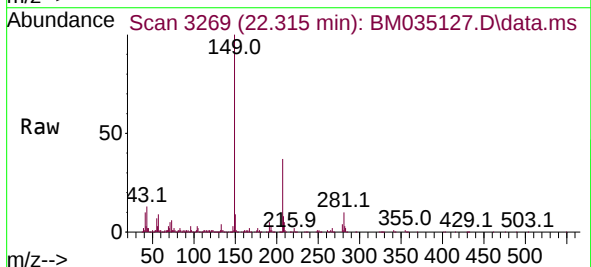
RT: 22.315 min Scan# 3269

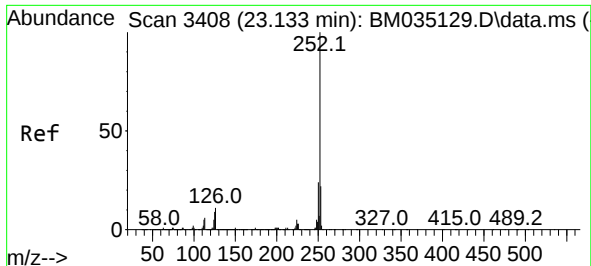
Delta R.T. -0.000 min

Lab File: BM035127.D

Acq: 17 May 2022 12:15

Tgt Ion:149 Resp: 226566

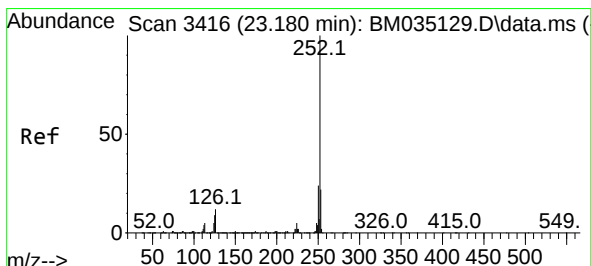
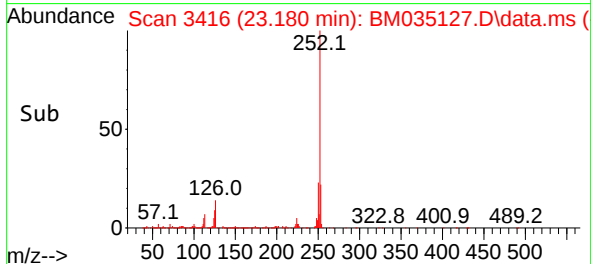
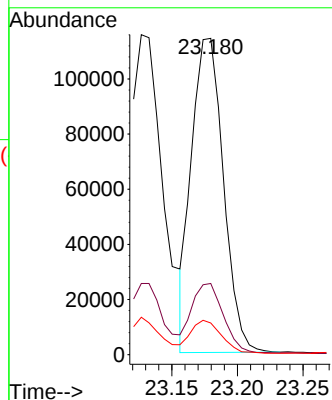
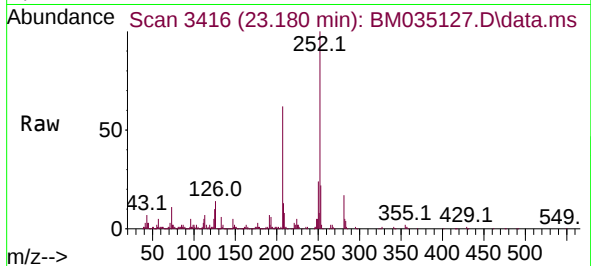




#90
Benzo(b)fluoranthene
Concen: 4.092 ng/ul
RT: 23.180 min Scan# 3416
Delta R.T. 0.047 min
Lab File: BM035127.D
Acq: 17 May 2022 12:15

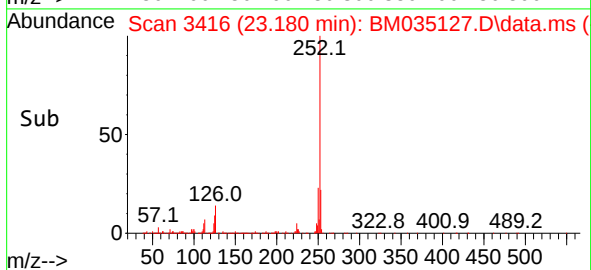
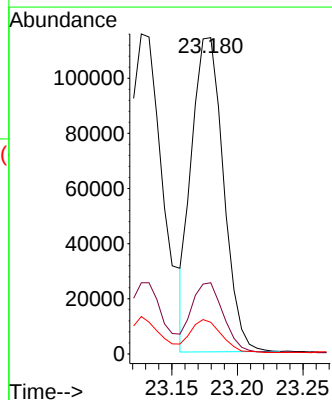
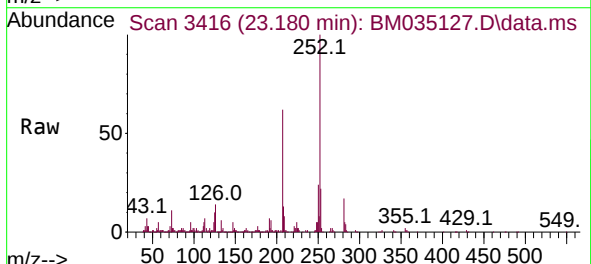
Instrument :
BNA_M
ClientSampleId :
SSTD005040

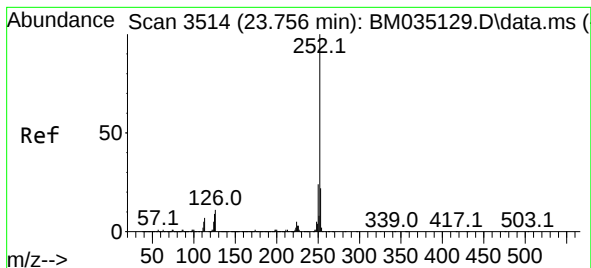
Tgt Ion:252 Resp: 192352
Ion Ratio Lower Upper
252 100
253 22.5 17.4 26.0
125 10.0 7.6 11.4



#91
Benzo(k)fluoranthene
Concen: 4.299 ng/ul
RT: 23.180 min Scan# 3416
Delta R.T. -0.000 min
Lab File: BM035127.D
Acq: 17 May 2022 12:15

Tgt Ion:252 Resp: 192427
Ion Ratio Lower Upper
252 100
253 22.5 17.4 26.2
125 10.0 7.8 11.6





#93

Benzo(a)pyrene

Concen: 4.434 ng/ul

RT: 23.750 min Scan# 3

Delta R.T. -0.006 min

Lab File: BM035127.D

Acq: 17 May 2022 12:15

Instrument :

BNA_M

ClientSampleId :

SSTD005040

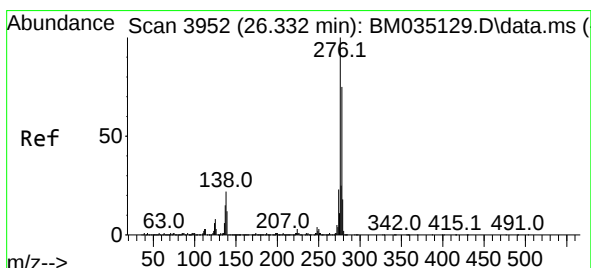
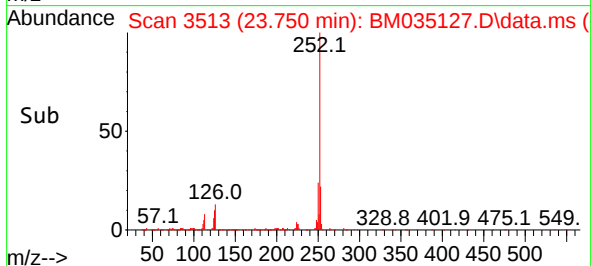
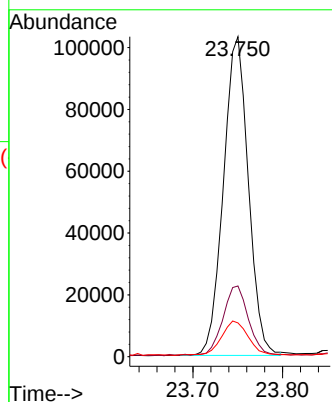
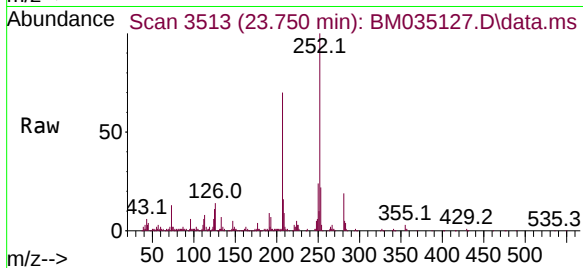
Tgt Ion:252 Resp: 198661

Ion Ratio Lower Upper

252 100

253 22.1 16.6 25.0

125 10.6 6.2 9.2#



#94

Indeno(1,2,3-cd)pyrene

Concen: 4.542 ng/ul

RT: 26.321 min Scan# 3950

Delta R.T. -0.012 min

Lab File: BM035127.D

Acq: 17 May 2022 12:15

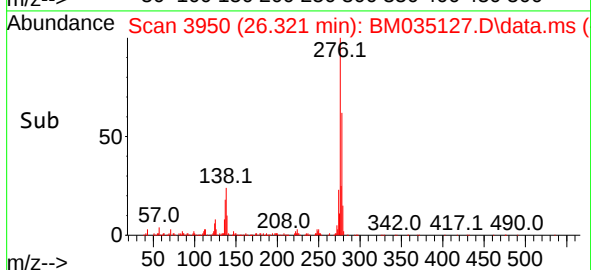
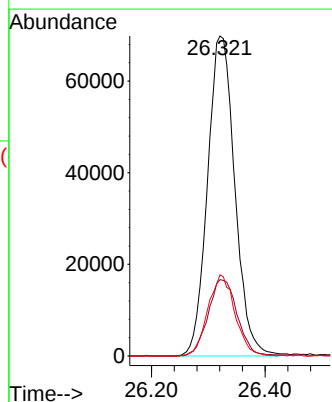
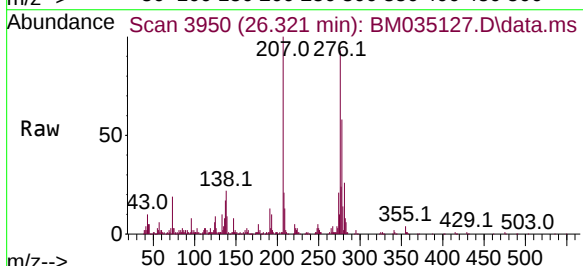
Tgt Ion:276 Resp: 232790

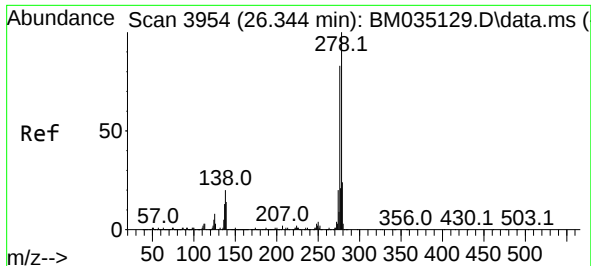
Ion Ratio Lower Upper

276 100

138 23.8 15.3 22.9#

277 25.4 19.6 29.4

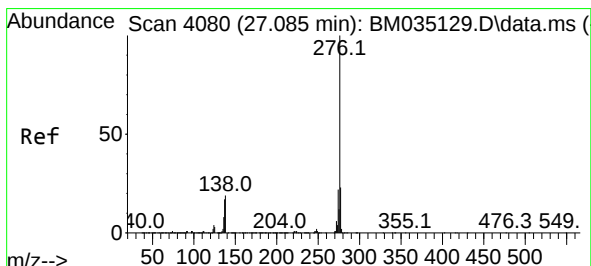
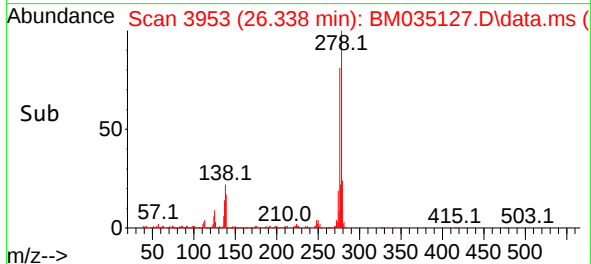
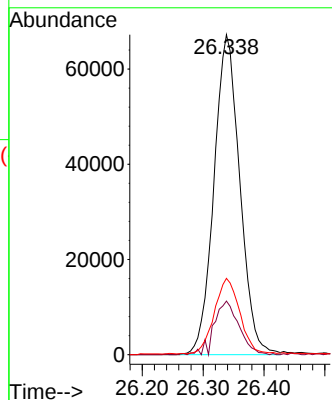
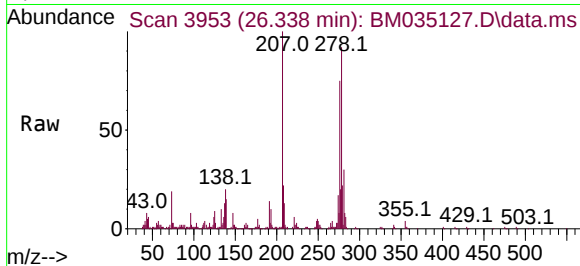




#95
 Dibenzo(a,h)anthracene
 Concen: 4.513 ng/ul
 RT: 26.338 min Scan# 3953
 Delta R.T. -0.006 min
 Lab File: BM035127.D
 Acq: 17 May 2022 12:15

Instrument :
 BNA_M
 ClientSampleId :
 SSTD005040

Tgt Ion:278 Resp: 198313
 Ion Ratio Lower Upper
 278 100
 139 16.7 9.7 14.5#
 279 23.8 18.8 28.2



#96
 Benzo(g,h,i)perylene
 Concen: 4.545 ng/ul
 RT: 27.079 min Scan# 4079
 Delta R.T. -0.006 min
 Lab File: BM035127.D
 Acq: 17 May 2022 12:15

Tgt Ion:276 Resp: 193519
 Ion Ratio Lower Upper
 276 100
 138 24.0 13.0 19.6#
 277 24.3 18.6 28.0

