

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101623\
 Data File : BM042313.D
 Acq On : 16 Oct 2023 23:52
 Operator : MA/JU
 Sample : PB156402BS
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD020131

Quant Time: Oct 17 01:30:58 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM101223.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Oct 12 15:38:21 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.016	152	147092	20.000	ng/u1	0.00
20) Naphthalene-d8	10.839	136	681455	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.657	164	410921	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.409	188	864806	20.000	ng/u1	0.00
79) Chrysene-d12	21.591	240	852608	20.000	ng/u1	0.00
88) Perylene-d12	24.062	264	827407	20.000	ng/u1	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.369	96	30746	6.531	ng/uL	0.00
4) Pyridine-d5	3.804	84	474703	34.048	ng/u1	0.00
7) Phenol-d5	7.163	99	569804	34.954	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.357	67	382628	34.738	ng/u1	0.00
11) 2-Chlorophenol-d4	7.534	132	403847	36.013	ng/u1	0.00
15) 4-Methylphenol-d8	8.722	113	448724	34.758	ng/u1	0.00
21) Nitrobenzene-d5	9.216	128	205322	35.477	ng/u1	0.00
24) 2-Nitrophenol-d4	9.928	143	218377	35.298	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.451	165	390881	34.621	ng/u1	0.00
31) 4-Chloroaniline-d4	10.998	131	556403	31.300	ng/u1	0.00
46) Dimethylphthalate-d6	14.074	166	1237172	34.731	ng/u1	0.00
49) Acenaphthylene-d8	14.357	160	1408541	36.129	ng/u1	0.00
54) 4-Nitrophenol-d4	14.874	143	252940	35.304	ng/u1	0.00
60) Fluorene-d10	15.651	176	1029073	35.143	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.780	200	207902	34.318	ng/u1	0.00
73) Anthracene-d10	17.509	188	1580819	35.684	ng/u1	0.00
81) Pyrene-d10	19.797	212	1915975	36.871	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.903	264	1766947	38.906	ng/u1	-0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.404	88	62538	12.120	ng/uL	97
5) Pyridine	3.822	79	465237	32.232	ng/u1	97
6) Benzaldehyde	7.175	77	291743	35.009	ng/u1	98
8) Phenol	7.192	94	574746	34.911	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.451	93	465155	34.024	ng/u1	98
12) 2-Chlorophenol	7.569	128	403037	34.409	ng/u1	99
13) 2-Methylphenol	8.451	108	415988	33.856	ng/u1	100
14) 2,2'-oxybis(1-Chloropr...	8.528	45	387220	16.612	ng/u1	100
16) Acetophenone	8.863	105	684646	34.161	ng/u1	98
17) N-Nitroso-di-n-propyla...	8.839	70	399755	33.701	ng/u1	100
18) 4-Methylphenol	8.786	108	465062	34.345	ng/u1	99
19) Hexachloroethane	9.081	117	169609	34.321	ng/u1	96
22) Nitrobenzene	9.257	77	562620	34.371	ng/u1	100
23) Isophorone	9.769	82	1084369	34.164	ng/u1	100
25) 2-Nitrophenol	9.957	139	233093	34.429	ng/u1	97
26) 2,4-Dimethylphenol	9.992	107	432730	30.075	ng/u1	98
27) Bis(2-Chloroethoxy)met...	10.251	93	663737	33.444	ng/u1	99
29) 2,4-Dichlorophenol	10.475	162	370757	33.623	ng/u1	99
30) Naphthalene	10.892	128	1330589	33.310	ng/u1	100
32) 4-Chloroaniline	11.022	127	472560	27.503	ng/u1	98
33) Hexachlorobutadiene	11.116	225	209221	32.869	ng/u1	97
34) Caprolactam	11.839	113	75369	18.719	ng/u1	97
35) 4-Chloro-3-methylphenol	12.121	107	473958	34.895	ng/u1	99
36) 2-Methylnaphthalene	12.492	142	886147	32.409	ng/u1	100

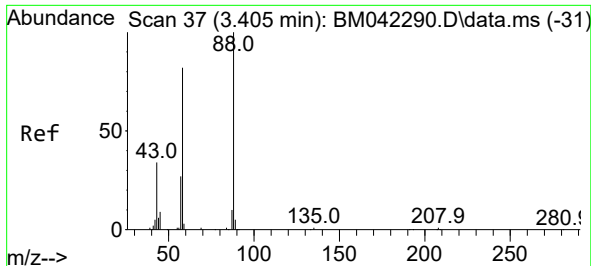
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.710	142	913662	33.061	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.839	216	432900	33.457	ng/ul	98
40) Hexachlorocyclopentadiene	12.786	237	226489	27.047	ng/ul	98
41) 2,4,6-Trichlorophenol	13.092	196	249824	28.879	ng/ul	97
42) 2,4,5-Trichlorophenol	13.163	196	289119	31.130	ng/ul	96
43) 1,1'-Biphenyl	13.498	154	1179826	33.500	ng/ul	99
44) 2-Chloronaphthalene	13.545	162	900990	33.376	ng/ul	99
45) 2-Nitroaniline	13.780	65	358840	36.974	ng/ul	98
47) Dimethylphthalate	14.121	163	1178119	33.237	ng/ul	100
48) 2,6-Dinitrotoluene	14.268	165	232703	36.265	ng/ul	97
50) Acenaphthylene	14.386	152	1455566	32.328	ng/ul	100
51) 3-Nitroaniline	14.604	138	258020	34.113	ng/ul	95
52) Acenaphthene	14.721	153	1013927	33.523	ng/ul	100
53) 2,4-Dinitrophenol	14.804	184	135443	31.185	ng/ul	99
55) 4-Nitrophenol	14.892	109	198619	34.173	ng/ul	97
56) Dibenzofuran	15.057	168	1371756	33.760	ng/ul	100
57) 2,4-Dinitrotoluene	15.045	165	347736	36.752	ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	15.268	232	200187	25.684	ng/ul	97
59) Diethylphthalate	15.468	149	1242323	34.335	ng/ul	99
61) Fluorene	15.704	166	1150246	34.132	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.692	204	560463	34.443	ng/ul	100
63) 4-Nitroaniline	15.768	138	261462	38.652	ng/ul	93
66) 4,6-Dinitro-2-methylph...	15.792	198	202946	32.033	ng/ul	98
67) N-Nitrosodiphenylamine	15.921	169	959418	34.871	ng/ul	98
68) 4-Bromophenyl-phenylether	16.592	248	321587	34.573	ng/ul	97
69) Hexachlorobenzene	16.674	284	364753	34.489	ng/ul	98
71) Pentachlorophenol	17.033	266	141316	19.720	ng/ul	97
72) Phenanthrene	17.451	178	1840506	34.694	ng/ul	100
74) Anthracene	17.545	178	1845378	34.585	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.451	216	442725	34.552	ng/uL	98
76) Pentachlorobenzene	14.951	250	428928	34.092	ng/uL	97
77) Carbazole	17.827	167	1710834	35.199	ng/ul	100
78) Di-n-butylphthalate	18.351	149	2229651	36.239	ng/ul	100
80) Fluoranthene	19.462	202	2173651	35.324	ng/ul	97
82) Pyrene	19.827	202	2297894	35.519	ng/ul	99
83) Butylbenzylphthalate	20.703	149	1028070	37.280	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.515	252	689808	33.870	ng/ul	98
85) Benzo(a)anthracene	21.574	228	2223279	34.374	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.450	149	1560578	38.302	ng/ul	100
87) Chrysene	21.627	228	2043238	34.351	ng/ul	100
89) Di-n-octyl phthalate	22.397	149	2703757	40.456	ng/ul	100
90) Benzo(b)fluoranthene	23.297	252	2166813	38.539	ng/ul	99
91) Benzo(k)fluoranthene	23.350	252	2045296	36.782	ng/ul	98
93) Benzo(a)pyrene	23.956	252	1806424	34.334	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.668	276	2216857	34.692	ng/ul	98
95) Dibenzo(a,h)anthracene	26.685	278	1851566	34.930	ng/ul	97
96) Benzo(g,h,i)perylene	27.479	276	1697483	33.959	ng/ul	98

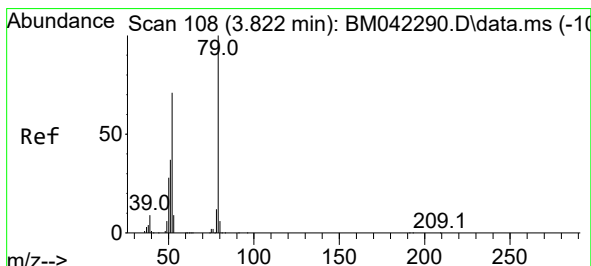
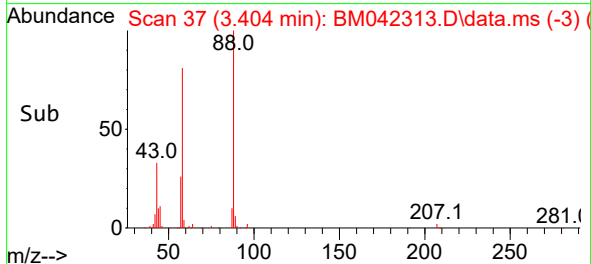
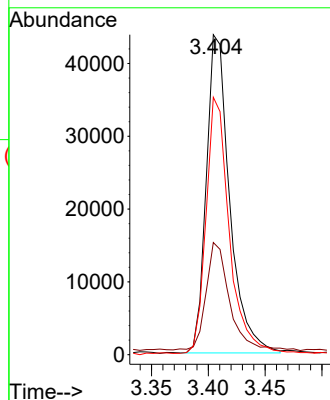
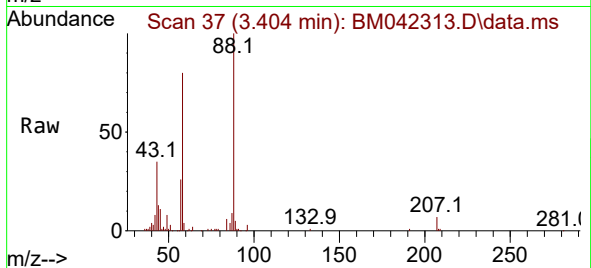
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#2
1,4-Dioxane
Concen: 12.120 ng/uL
RT: 3.404 min Scan# 31
Delta R.T. -0.000 min
Lab File: BM042313.D
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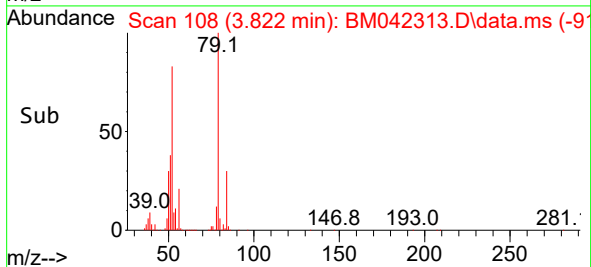
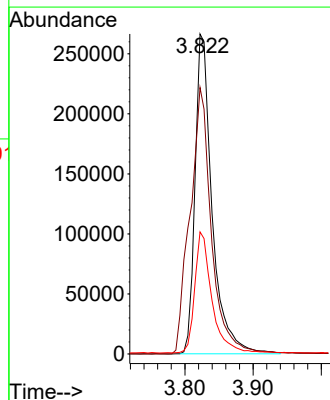
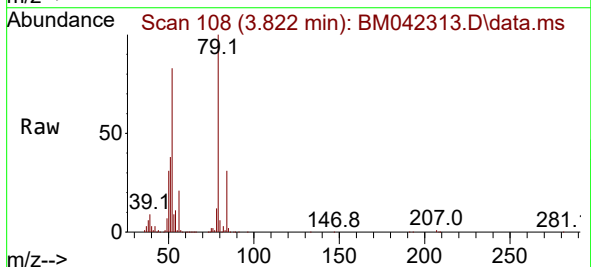
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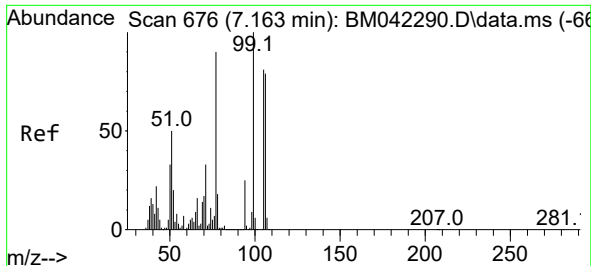
Tgt Ion: 88 Resp: 62538
Ion Ratio Lower Upper
88 100
43 35.1 27.5 41.3
58 80.4 61.8 92.8



#5
Pyridine
Concen: 32.232 ng/uL
RT: 3.822 min Scan# 108
Delta R.T. -0.000 min
Lab File: BM042313.D
Acq: 16 Oct 2023 23:52

Tgt Ion: 79 Resp: 465237
Ion Ratio Lower Upper
79 100
52 83.3 63.8 95.6
51 38.2 30.2 45.2

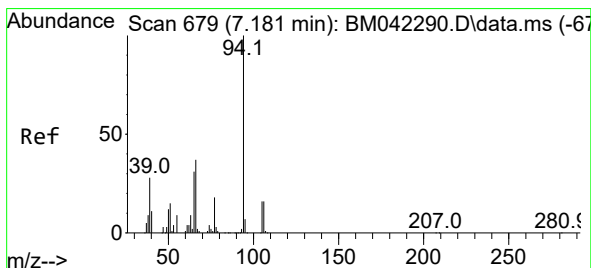
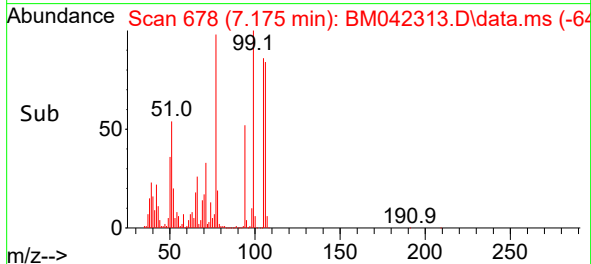
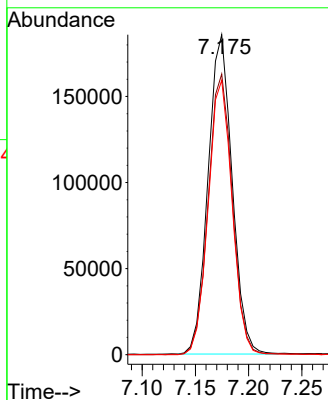
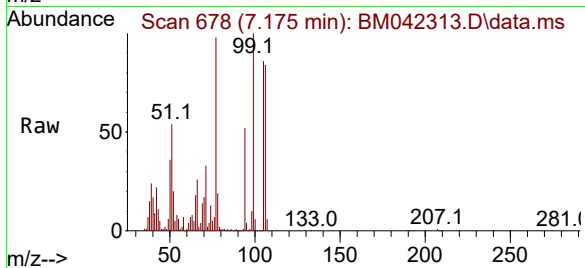




#6
Benzaldehyde
Concen: 35.009 ng/ul
RT: 7.175 min Scan# 61
Delta R.T. 0.006 min
Lab File: BM042313.D
Acq: 16 Oct 2023 23:52

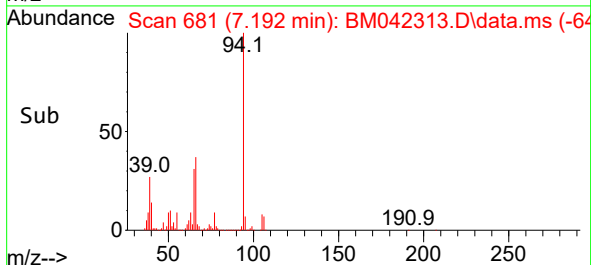
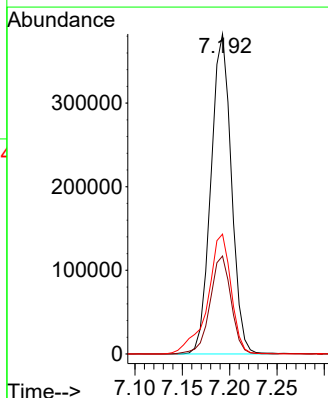
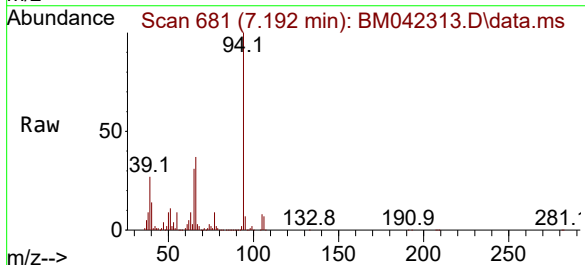
Instrument :
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ClientSampleId :
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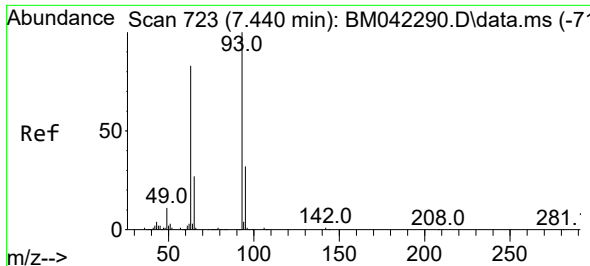
Tgt Ion: 77 Resp: 291743
Ion Ratio Lower Upper
77 100
105 87.7 70.6 105.8
106 85.7 71.6 107.4



#8
Phenol
Concen: 34.911 ng/ul
RT: 7.192 min Scan# 681
Delta R.T. 0.006 min
Lab File: BM042313.D
Acq: 16 Oct 2023 23:52

Tgt Ion: 94 Resp: 574746
Ion Ratio Lower Upper
94 100
65 30.6 24.1 36.1
66 37.5 30.7 46.1

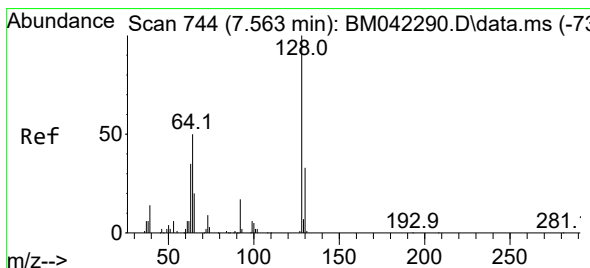
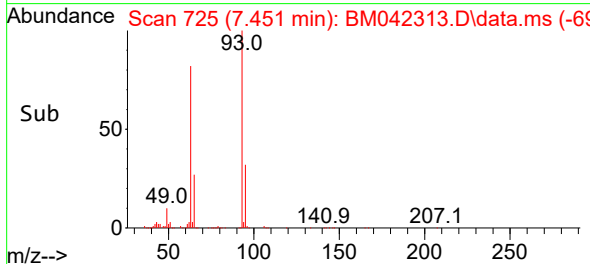
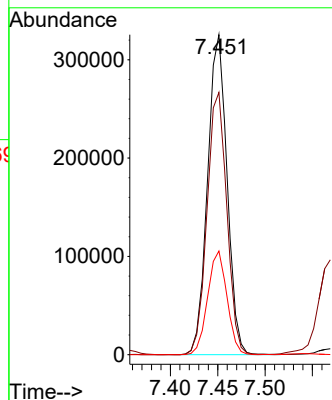
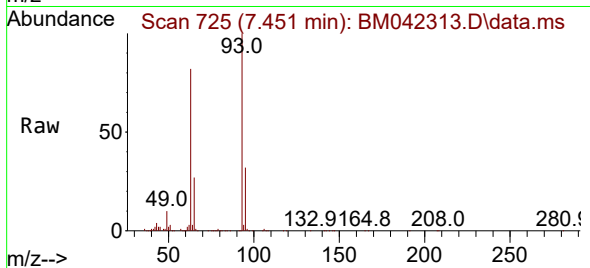




#10
Bis(2-Chloroethyl)ether
Concen: 34.024 ng/ul
RT: 7.451 min Scan# 71
Delta R.T. 0.006 min
Lab File: BM042313.D
Acq: 16 Oct 2023 23:52

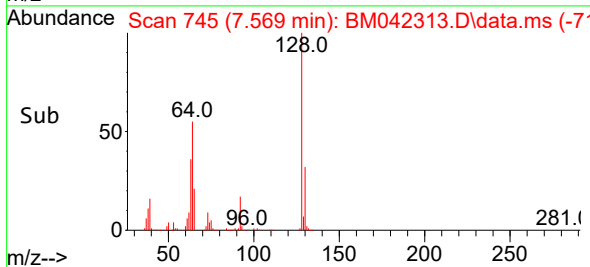
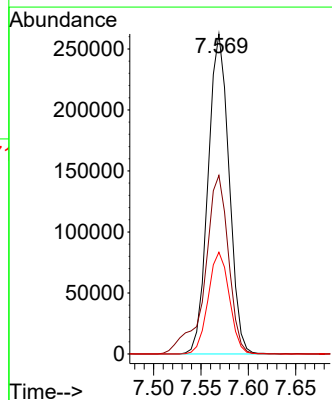
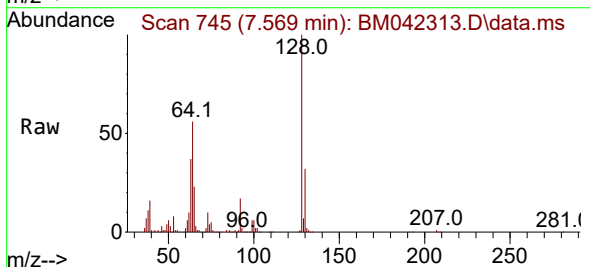
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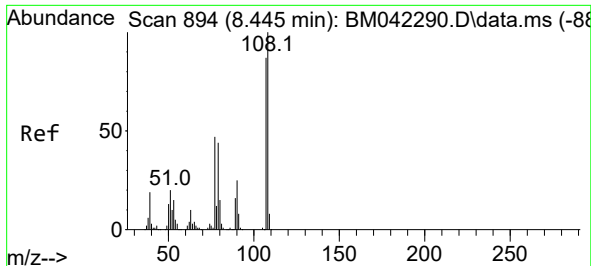
Tgt Ion: 93 Resp: 465155
Ion Ratio Lower Upper
93 100
63 82.0 67.3 100.9
95 32.4 26.7 40.1



#12
2-Chlorophenol
Concen: 34.409 ng/ul
RT: 7.569 min Scan# 745
Delta R.T. 0.006 min
Lab File: BM042313.D
Acq: 16 Oct 2023 23:52

Tgt Ion:128 Resp: 403037
Ion Ratio Lower Upper
128 100
64 55.8 43.8 65.6
130 31.8 25.9 38.9





#13

2-Methylphenol

Concen: 33.856 ng/ul

RT: 8.451 min Scan# 894

Delta R.T. -0.000 min

Lab File: BM042313.D

Acq: 16 Oct 2023 23:52

Instrument :

BNA_M

ClientSampleId :

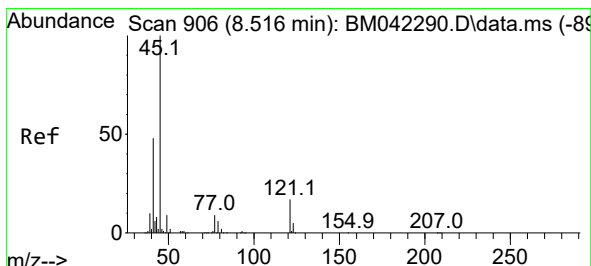
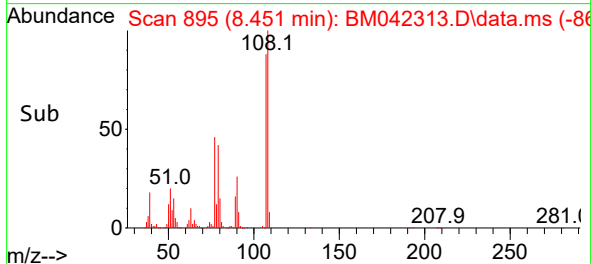
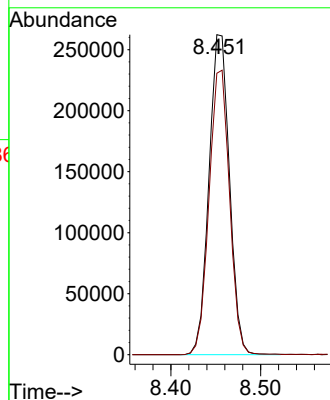
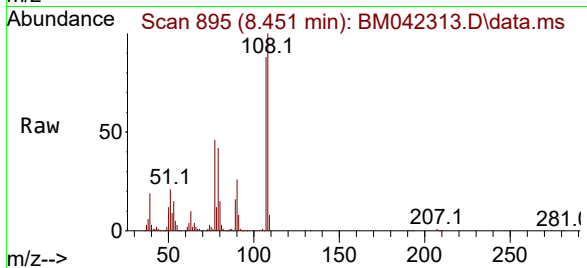
SSTD020131

Tgt Ion:108 Resp: 415988

Ion Ratio Lower Upper

108 100

107 88.0 70.6 106.0



#14

2,2'-oxybis(1-Chloropropane)

Concen: 16.612 ng/ul

RT: 8.528 min Scan# 908

Delta R.T. 0.006 min

Lab File: BM042313.D

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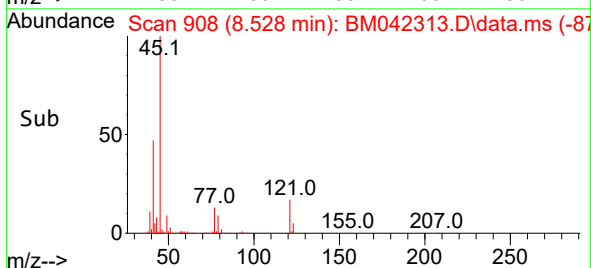
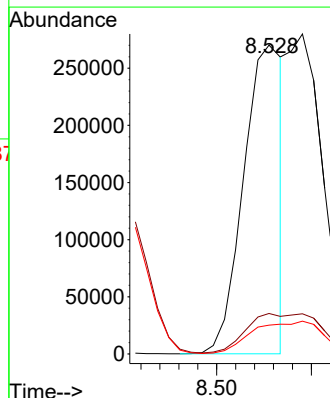
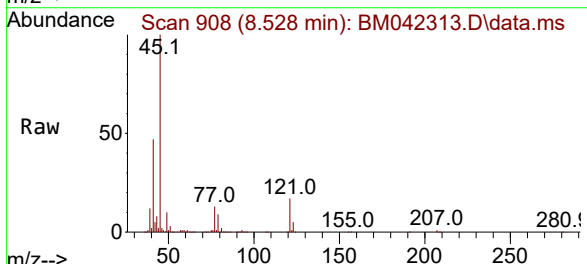
Tgt Ion: 45 Resp: 387220

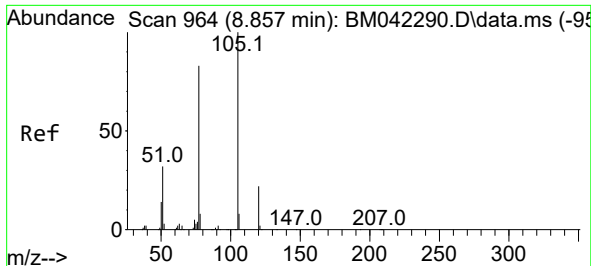
Ion Ratio Lower Upper

45 100

77 13.1 10.5 15.7

79 9.3 7.3 10.9

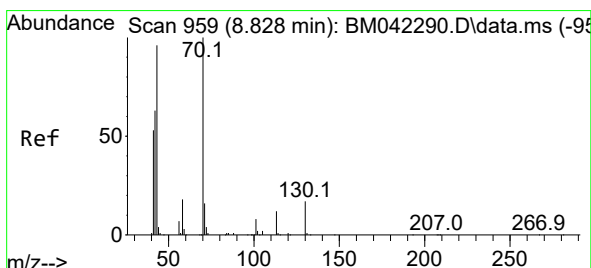
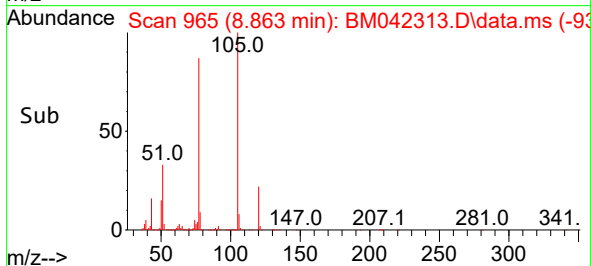
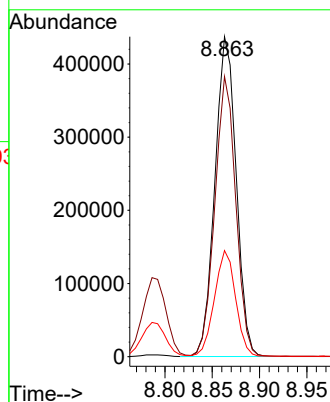
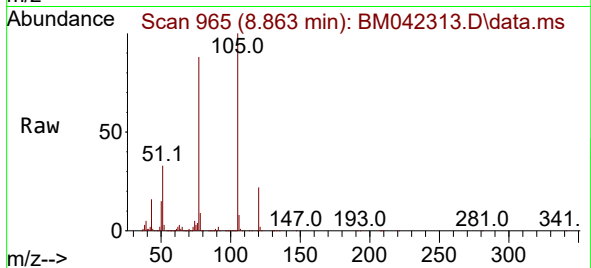




#16
Acetophenone
Concen: 34.161 ng/ul
RT: 8.863 min Scan# 90
Delta R.T. 0.006 min
Lab File: BM042313.D
Acq: 16 Oct 2023 23:52

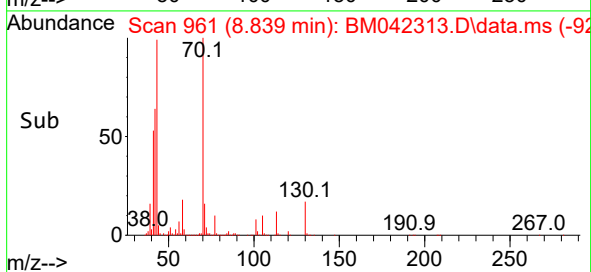
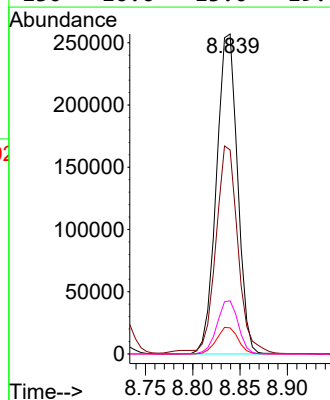
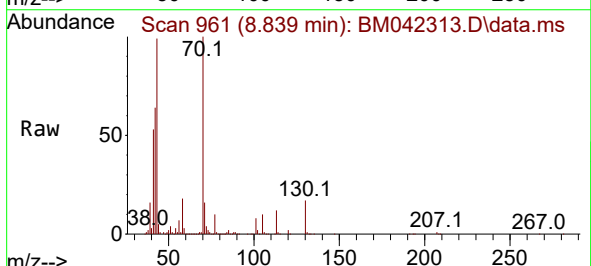
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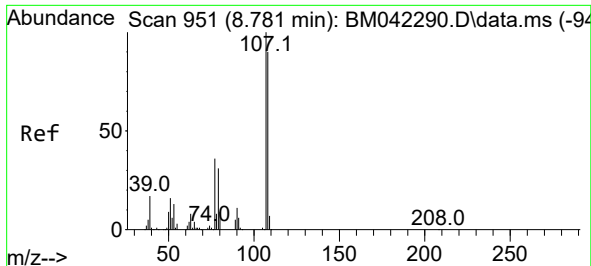
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Ion Ratio Lower Upper
105 100
77 87.5 67.8 101.8
51 33.2 26.9 40.3



#17
N-Nitroso-di-n-propylamine
Concen: 33.701 ng/ul
RT: 8.839 min Scan# 961
Delta R.T. 0.012 min
Lab File: BM042313.D
Acq: 16 Oct 2023 23:52

Tgt Ion: 70 Resp: 399755
Ion Ratio Lower Upper
70 100
42 63.8 51.0 76.4
101 8.2 6.7 10.1
130 16.6 13.0 19.6

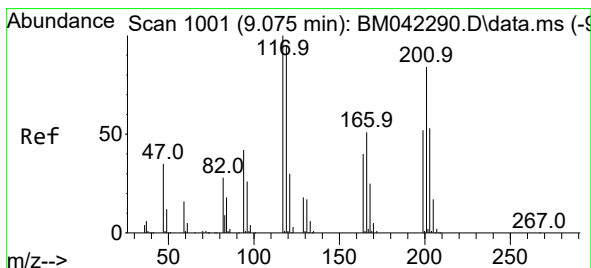
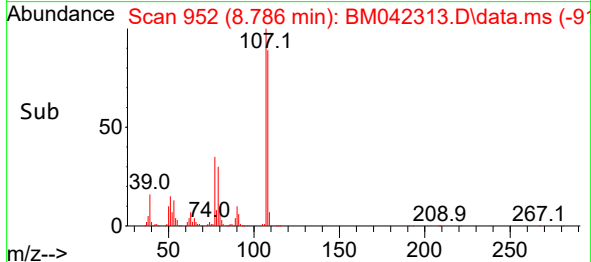
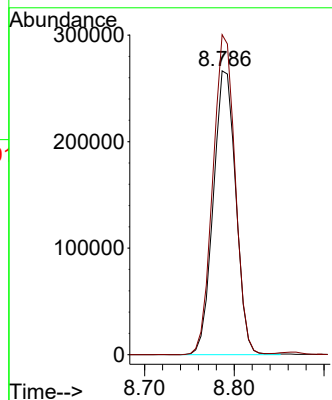
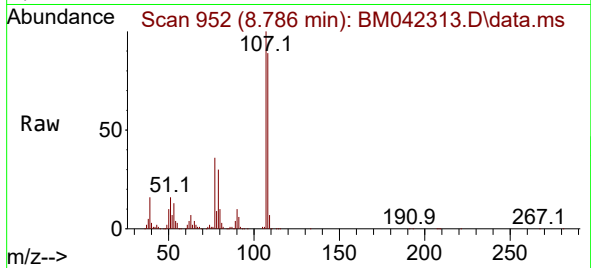




#18
4-Methylphenol
Concen: 34.345 ng/ul
RT: 8.786 min Scan# 91
Delta R.T. 0.006 min
Lab File: BM042313.D
Acq: 16 Oct 2023 23:52

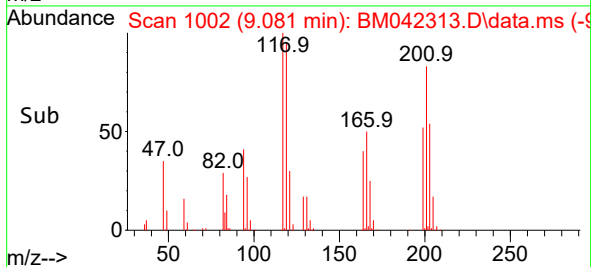
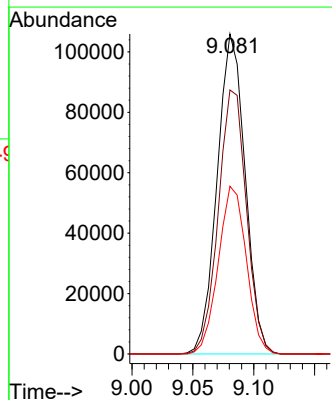
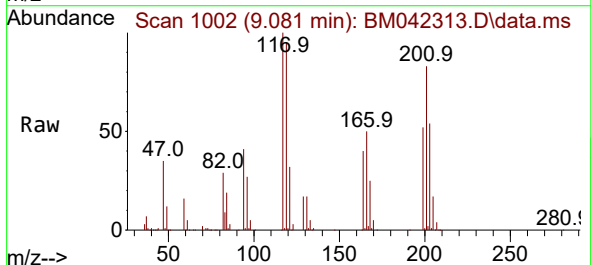
Instrument :
BNA_M
ClientSampleId :
SSTD020131

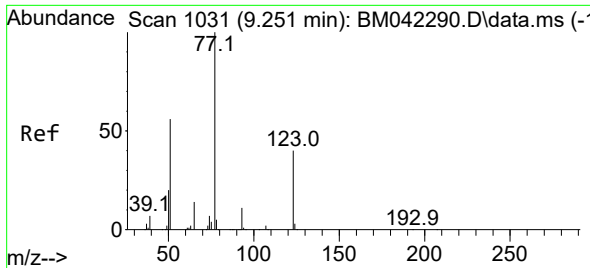
Tgt Ion:108 Resp: 465062
Ion Ratio Lower Upper
108 100
107 112.8 89.0 133.6



#19
Hexachloroethane
Concen: 34.321 ng/ul
RT: 9.081 min Scan# 1002
Delta R.T. -0.000 min
Lab File: BM042313.D
Acq: 16 Oct 2023 23:52

Tgt Ion:117 Resp: 169609
Ion Ratio Lower Upper
117 100
201 82.5 69.8 104.8
199 52.4 40.8 61.2

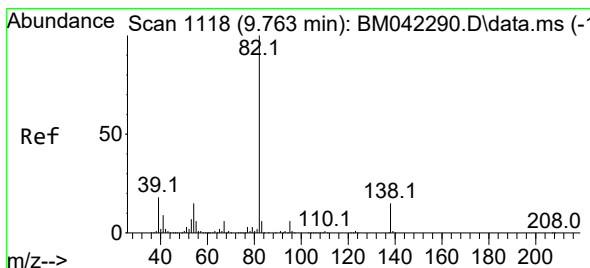
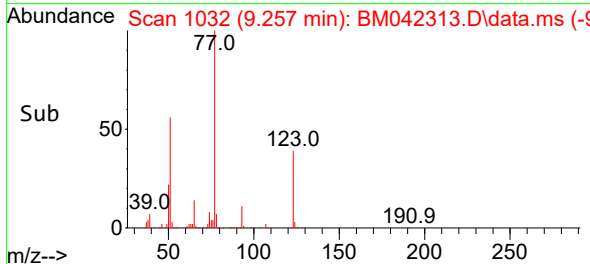
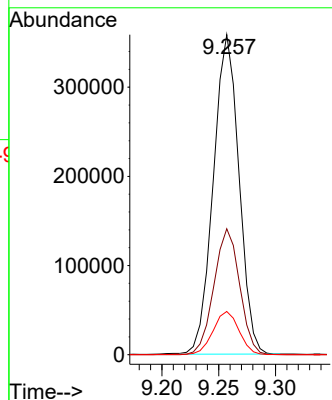
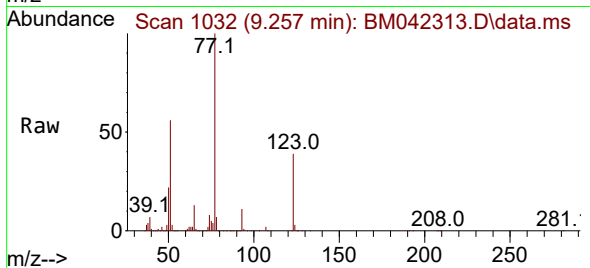




#22
Nitrobenzene
Concen: 34.371 ng/ul
RT: 9.257 min Scan# 1031
Delta R.T. 0.006 min
Lab File: BM042313.D
Acq: 16 Oct 2023 23:52

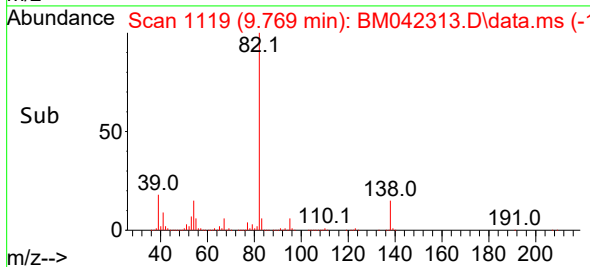
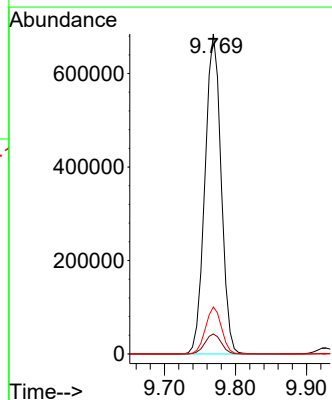
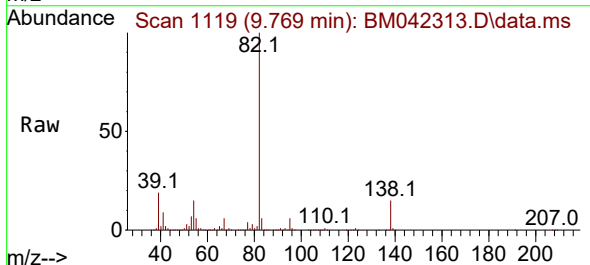
Instrument :
BNA_M
ClientSampleId :
SSTD020131

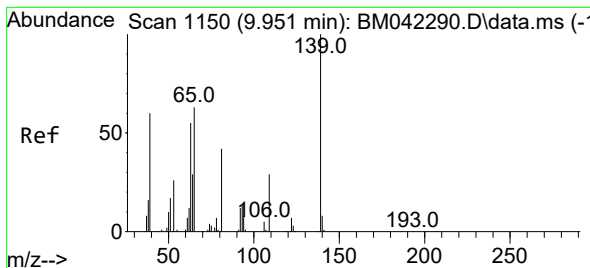
Tgt Ion: 77 Resp: 562620
Ion Ratio Lower Upper
77 100
123 39.4 31.3 46.9
65 13.5 10.7 16.1



#23
Isophorone
Concen: 34.164 ng/ul
RT: 9.769 min Scan# 1119
Delta R.T. 0.006 min
Lab File: BM042313.D
Acq: 16 Oct 2023 23:52

Tgt Ion: 82 Resp: 1084369
Ion Ratio Lower Upper
82 100
95 6.3 5.0 7.4
138 14.7 11.8 17.6

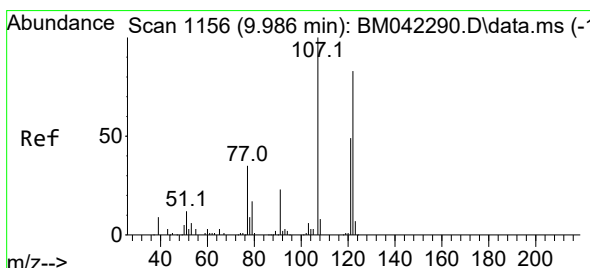
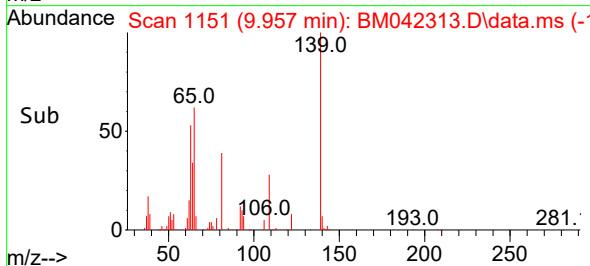
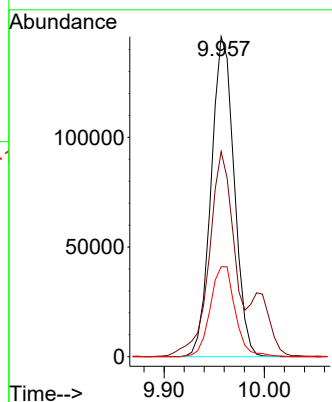
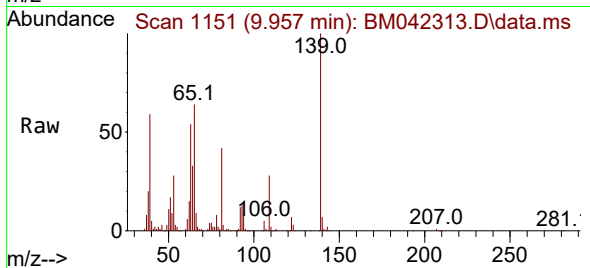




#25
2-Nitrophenol
Concen: 34.429 ng/ul
RT: 9.957 min Scan# 1150
Delta R.T. -0.000 min
Lab File: BM042313.D
Acq: 16 Oct 2023 23:52

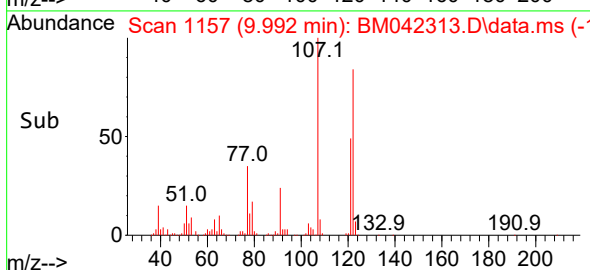
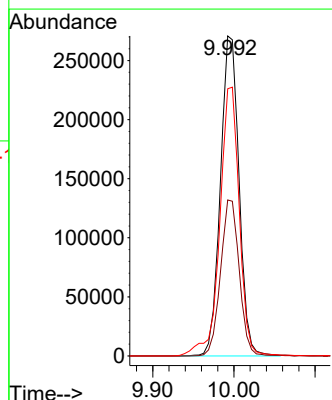
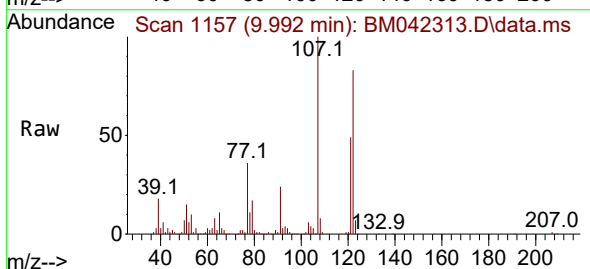
Instrument :
BNA_M
ClientSampleId :
SSTD020131

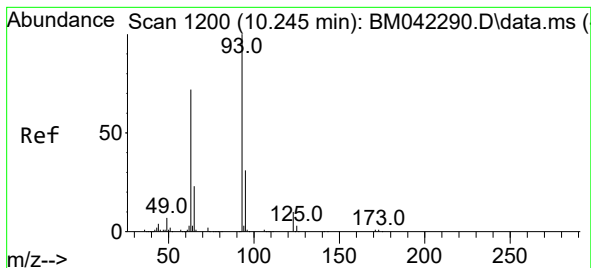
Tgt Ion:139 Resp: 233093
Ion Ratio Lower Upper
139 100
65 64.1 49.4 74.2
109 28.1 24.0 36.0



#26
2,4-Dimethylphenol
Concen: 30.075 ng/ul
RT: 9.992 min Scan# 1157
Delta R.T. -0.000 min
Lab File: BM042313.D
Acq: 16 Oct 2023 23:52

Tgt Ion:107 Resp: 432730
Ion Ratio Lower Upper
107 100
121 48.7 38.4 57.6
122 83.5 68.6 102.8

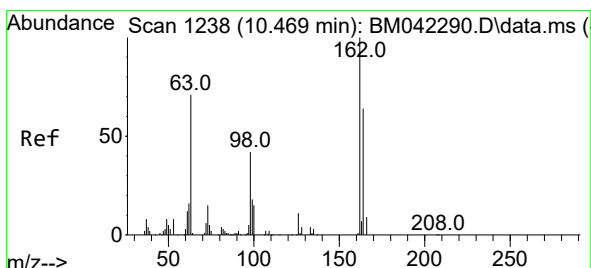
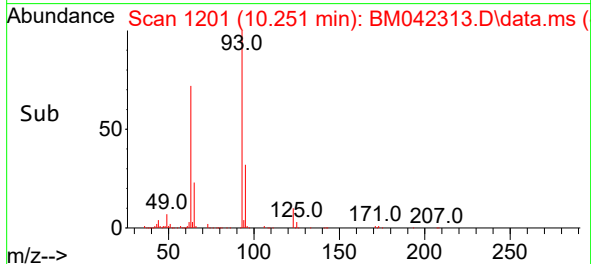
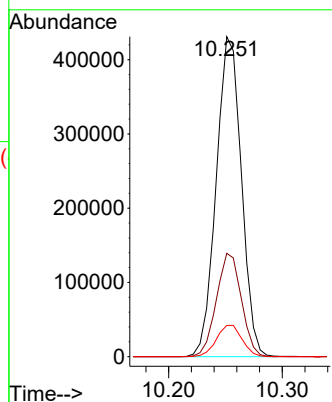
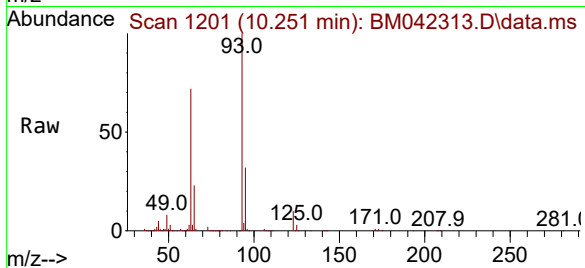




#27
 Bis(2-Chloroethoxy)methane
 Concen: 33.444 ng/ul
 RT: 10.251 min Scan# 1201
 Delta R.T. -0.000 min
 Lab File: BM042313.D
 Acq: 16 Oct 2023 23:52

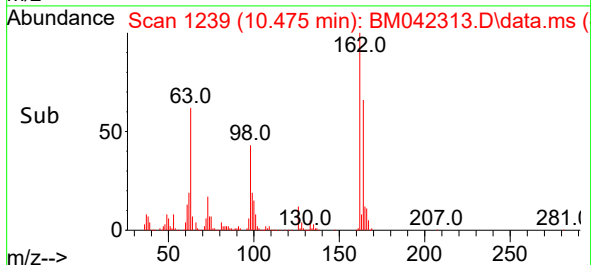
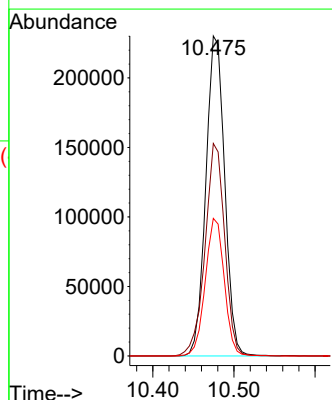
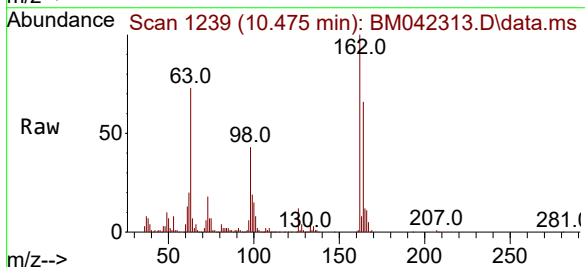
Instrument :
 BNA_M
 ClientSampleId :
 SSTD020131

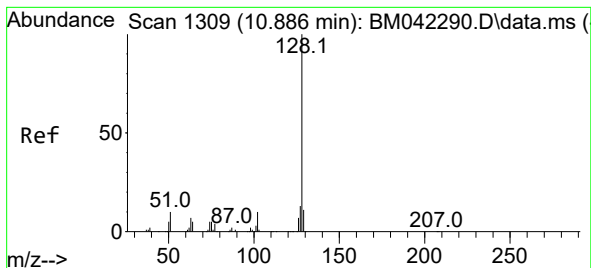
Tgt Ion: 93 Resp: 663737
 Ion Ratio Lower Upper
 93 100
 95 32.3 26.1 39.1
 123 9.8 8.1 12.1



#29
 2,4-Dichlorophenol
 Concen: 33.623 ng/ul
 RT: 10.475 min Scan# 1239
 Delta R.T. -0.000 min
 Lab File: BM042313.D
 Acq: 16 Oct 2023 23:52

Tgt Ion:162 Resp: 370757
 Ion Ratio Lower Upper
 162 100
 164 66.4 52.4 78.6
 98 43.0 34.6 52.0





#30

Naphthalene

Concen: 33.310 ng/ul

RT: 10.892 min Scan# 11

Delta R.T. 0.006 min

Lab File: BM042313.D

Acq: 16 Oct 2023 23:52

Instrument :

BNA_M

ClientSampleId :

SSTD020131

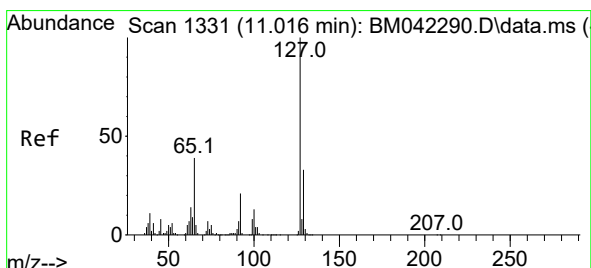
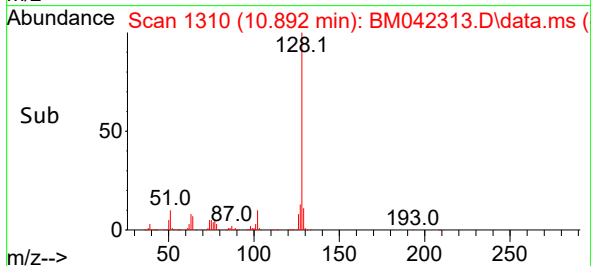
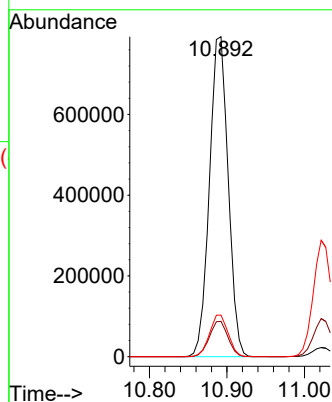
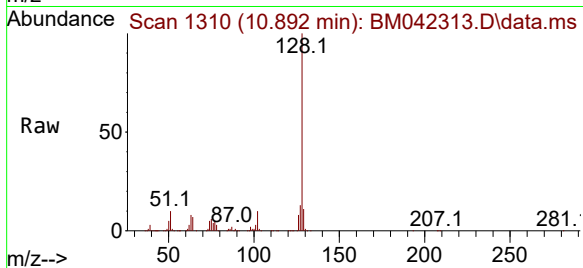
Tgt Ion:128 Resp: 1330589

Ion Ratio Lower Upper

128 100

129 11.0 8.6 12.8

127 13.0 10.4 15.6



#32

4-Chloroaniline

Concen: 27.503 ng/ul

RT: 11.022 min Scan# 1332

Delta R.T. -0.000 min

Lab File: BM042313.D

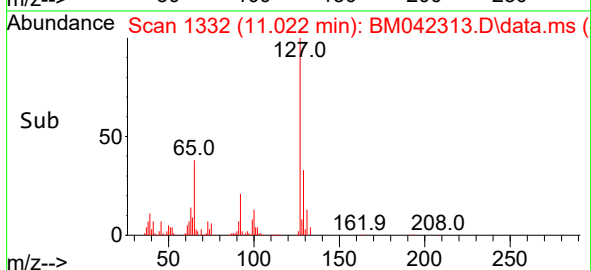
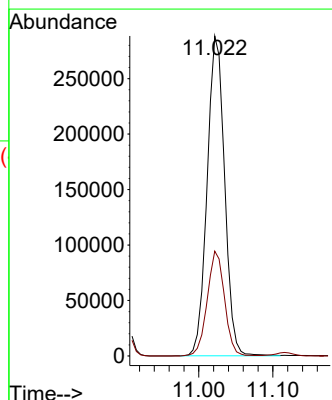
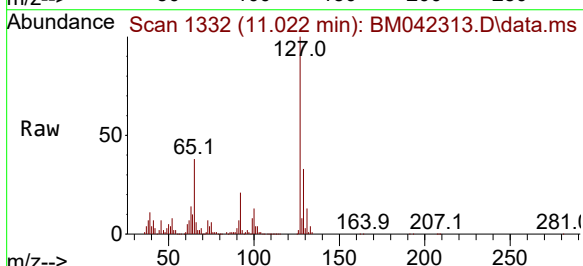
Acq: 16 Oct 2023 23:52

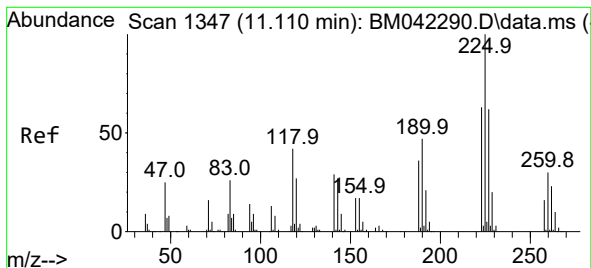
Tgt Ion:127 Resp: 472560

Ion Ratio Lower Upper

127 100

129 32.8 25.1 37.7





#33

Hexachlorobutadiene

Concen: 32.869 ng/ul

RT: 11.116 min Scan# 1

Delta R.T. -0.000 min

Lab File: BM042313.D

Acq: 16 Oct 2023 23:52

Instrument :

BNA_M

ClientSampleId :

SSTD020131

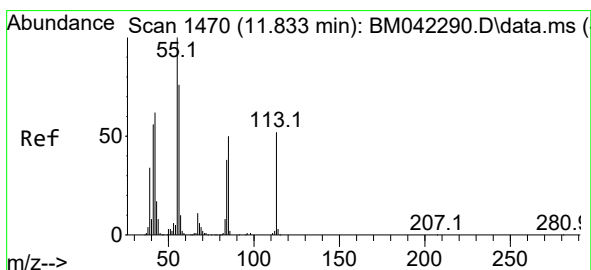
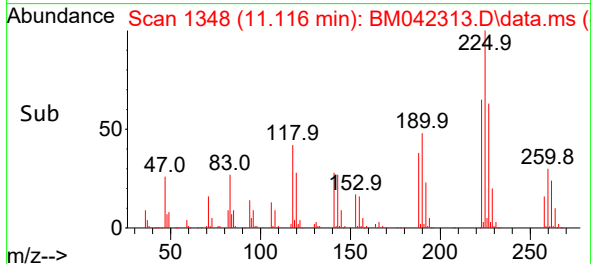
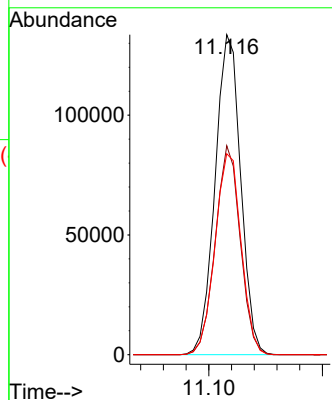
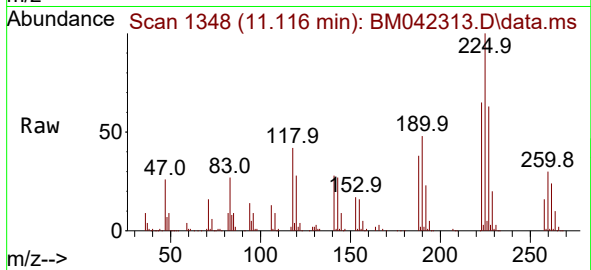
Tgt Ion:225 Resp: 209221

Ion Ratio Lower Upper

225 100

223 65.3 51.3 76.9

227 62.8 53.4 80.0



#34

Caprolactam

Concen: 18.719 ng/ul

RT: 11.839 min Scan# 1471

Delta R.T. 0.006 min

Lab File: BM042313.D

Acq: 16 Oct 2023 23:52

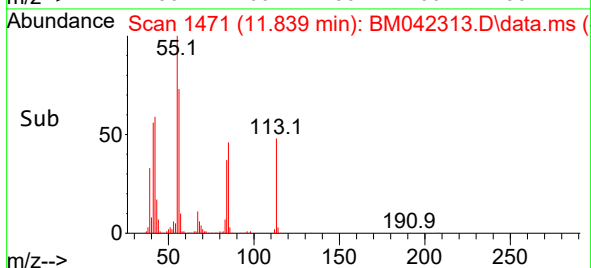
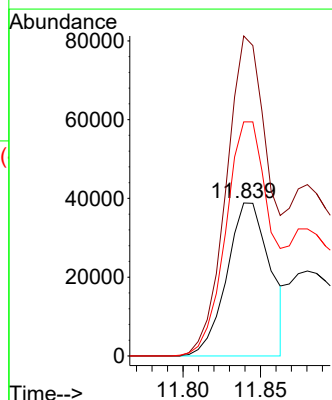
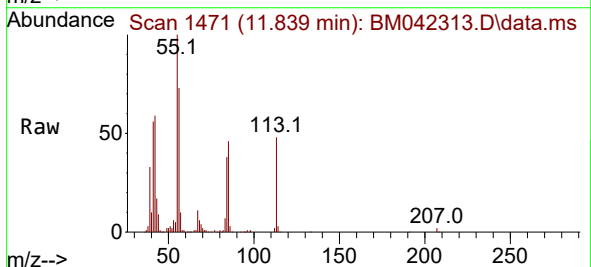
Tgt Ion:113 Resp: 75369

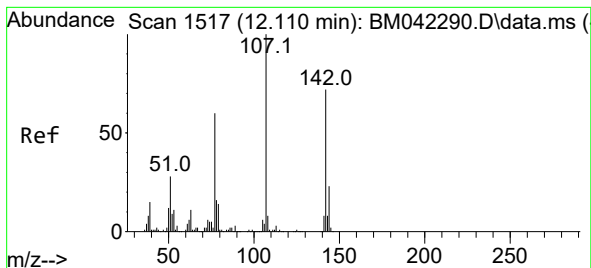
Ion Ratio Lower Upper

113 100

55 209.3 162.1 243.1

56 153.2 124.2 186.2

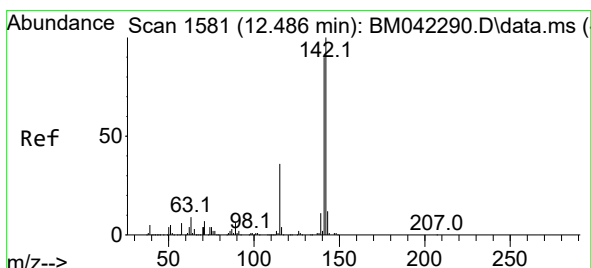
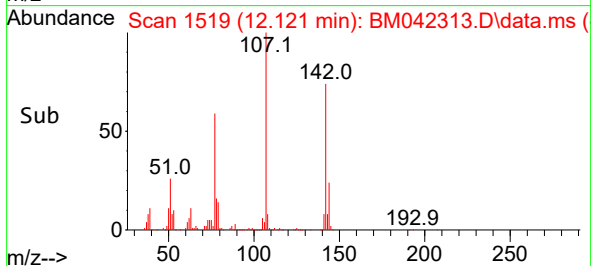
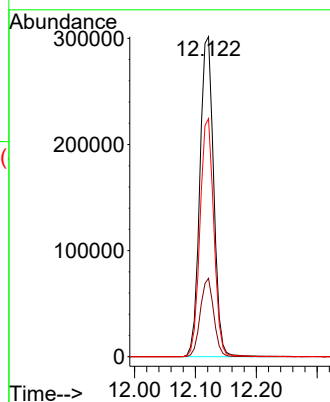
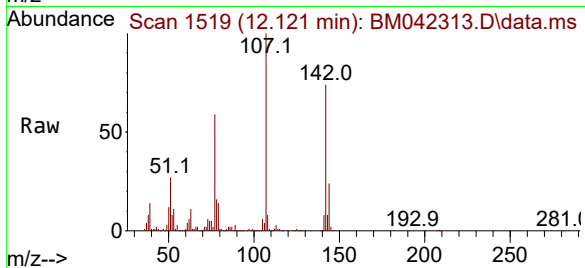




#35
 4-Chloro-3-methylphenol
 Concen: 34.895 ng/ul
 RT: 12.121 min Scan# 1519
 Delta R.T. 0.006 min
 Lab File: BM042313.D
 Acq: 16 Oct 2023 23:52

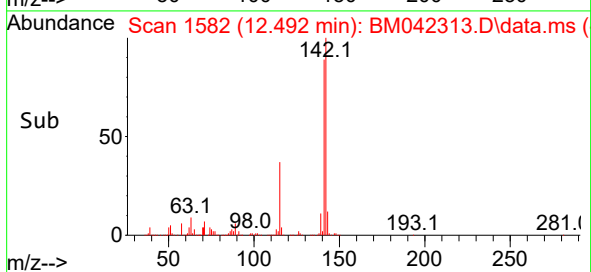
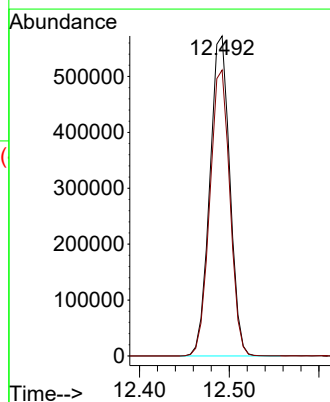
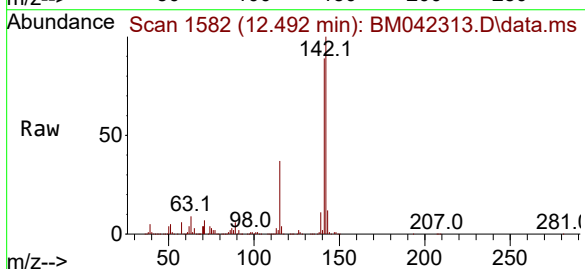
Instrument :
 BNA_M
 ClientSampleId :
 SSTD020131

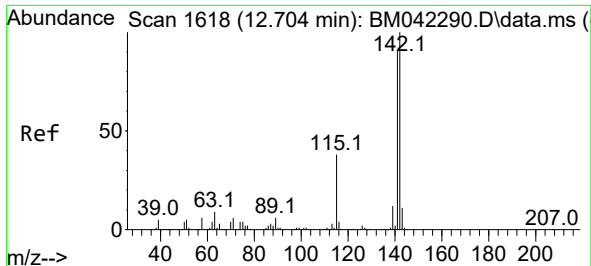
Tgt Ion:107 Resp: 473958
 Ion Ratio Lower Upper
 107 100
 144 24.5 19.3 28.9
 142 74.4 60.6 91.0



#36
 2-Methylnaphthalene
 Concen: 32.409 ng/ul
 RT: 12.492 min Scan# 1582
 Delta R.T. 0.006 min
 Lab File: BM042313.D
 Acq: 16 Oct 2023 23:52

Tgt Ion:142 Resp: 886147
 Ion Ratio Lower Upper
 142 100
 141 89.3 71.5 107.3





#37

1-Methylnaphthalene

Concen: 33.061 ng/ul

RT: 12.710 min Scan# 1

Delta R.T. -0.000 min

Lab File: BM042313.D

Acq: 16 Oct 2023 23:52

Instrument :

BNA_M

ClientSampleId :

SSTD020131

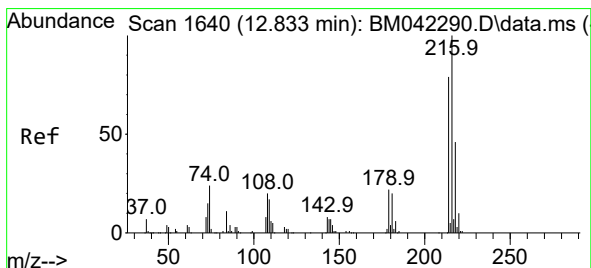
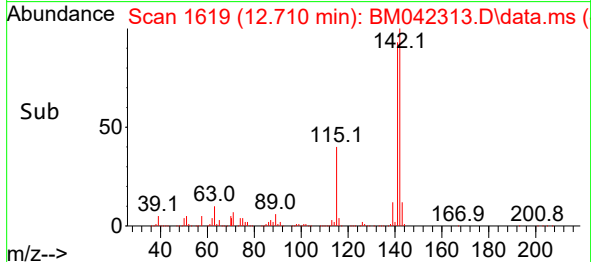
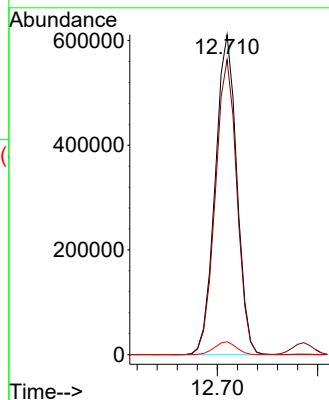
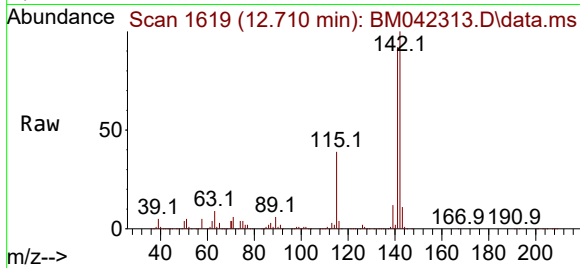
Tgt Ion:142 Resp: 913662

Ion Ratio Lower Upper

142 100

141 92.2 74.6 111.8

116 4.1 3.2 4.8



#39

1,2,4,5-Tetrachlorobenzene

Concen: 33.457 ng/ul

RT: 12.839 min Scan# 1641

Delta R.T. -0.000 min

Lab File: BM042313.D

Acq: 16 Oct 2023 23:52

Tgt Ion:216 Resp: 432900

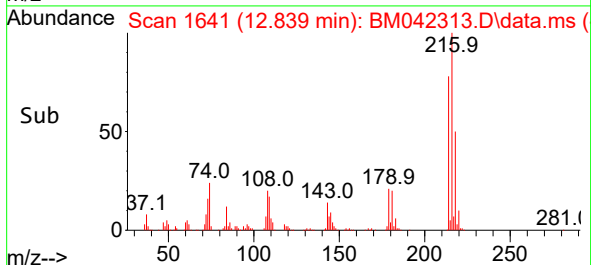
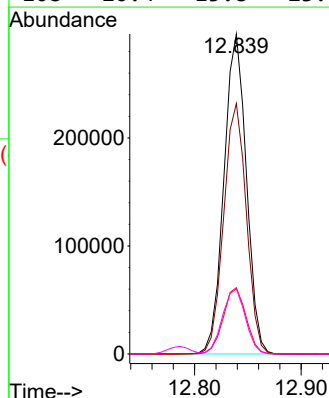
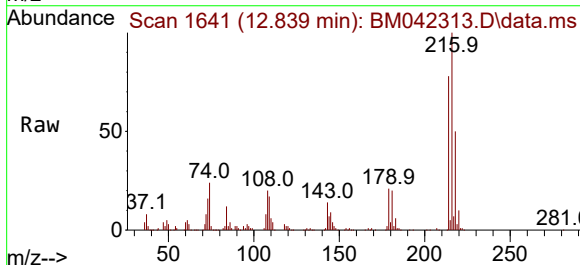
Ion Ratio Lower Upper

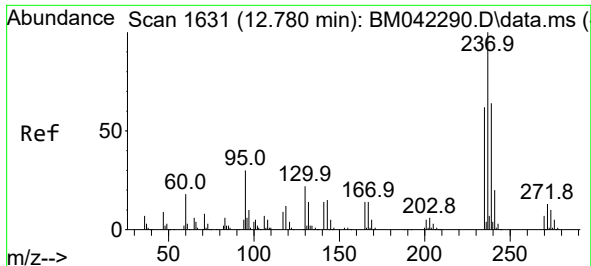
216 100

214 78.3 60.6 90.8

179 20.7 16.9 25.3

108 20.4 15.8 23.8

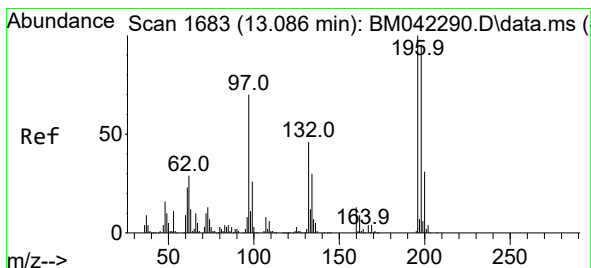
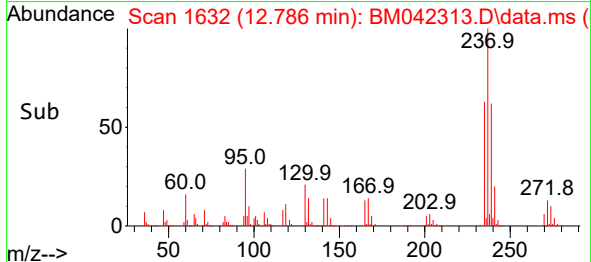
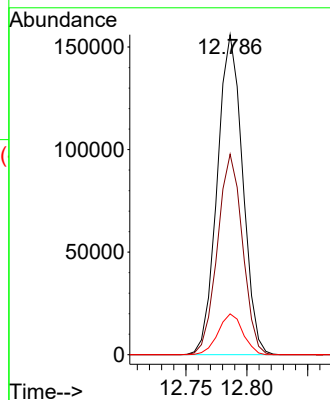
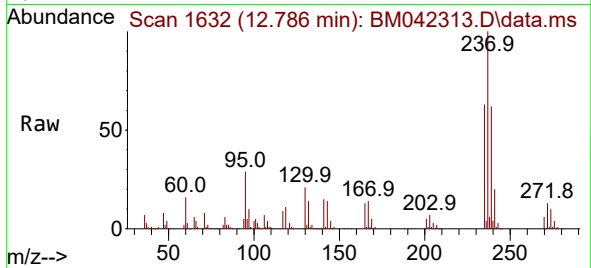




#40
Hexachlorocyclopentadiene
Concen: 27.047 ng/ul
RT: 12.786 min Scan# 1632
Delta R.T. -0.000 min
Lab File: BM042313.D
Acq: 16 Oct 2023 23:52

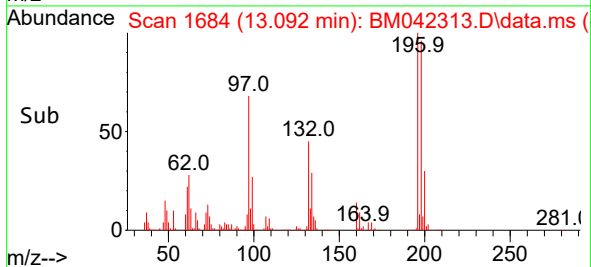
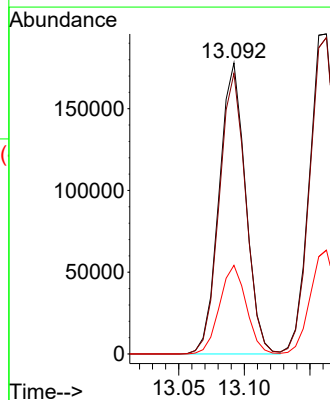
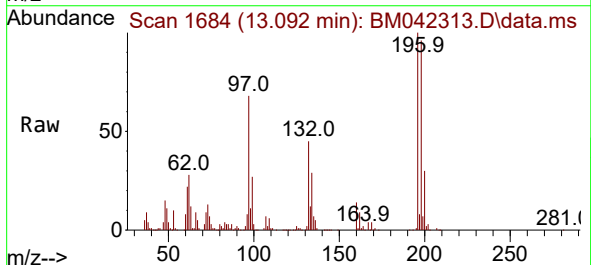
Instrument :
BNA_M
ClientSampleId :
SSTD020131

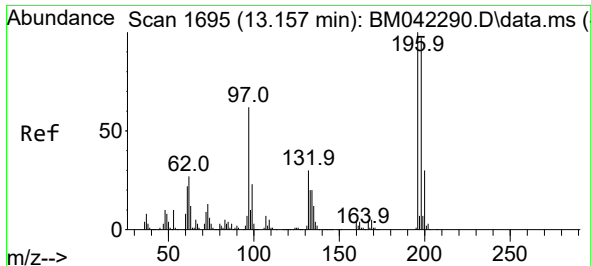
Tgt Ion:237 Resp: 226489
Ion Ratio Lower Upper
237 100
235 62.7 51.5 77.3
272 12.7 9.8 14.6



#41
2,4,6-Trichlorophenol
Concen: 28.879 ng/ul
RT: 13.092 min Scan# 1684
Delta R.T. -0.000 min
Lab File: BM042313.D
Acq: 16 Oct 2023 23:52

Tgt Ion:196 Resp: 249824
Ion Ratio Lower Upper
196 100
198 96.4 79.5 119.3
200 30.4 25.3 37.9

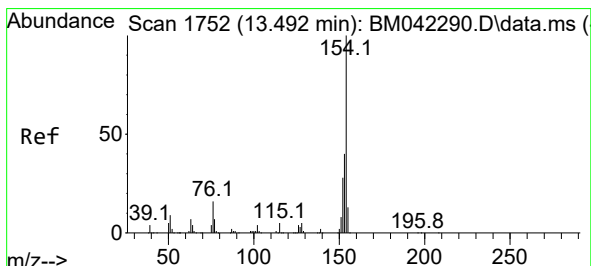
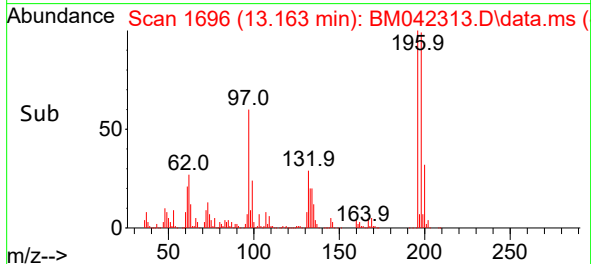
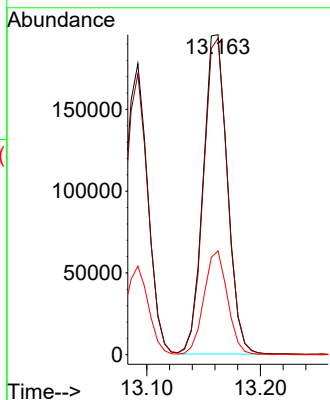
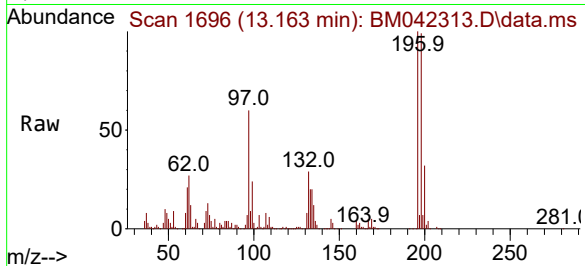




#42
 2,4,5-Trichlorophenol
 Concen: 31.130 ng/ul
 RT: 13.163 min Scan# 1696
 Delta R.T. 0.006 min
 Lab File: BM042313.D
 Acq: 16 Oct 2023 23:52

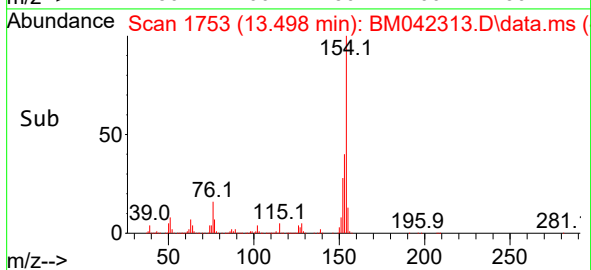
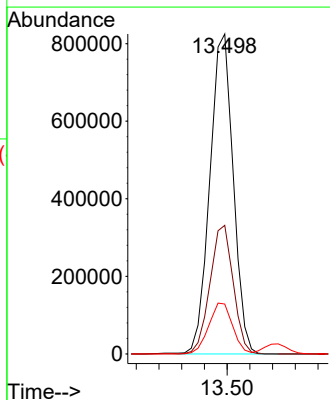
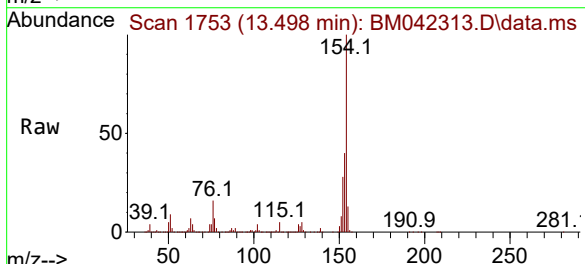
Instrument :
 BNA_M
 ClientSampleId :
 SSTD020131

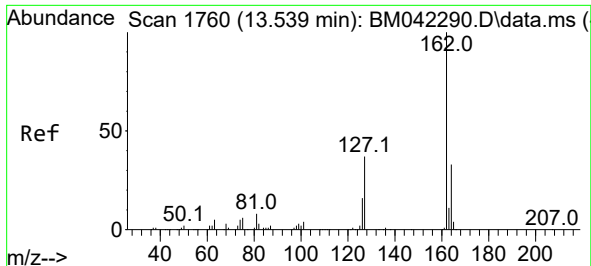
Tgt Ion:196 Resp: 289119
 Ion Ratio Lower Upper
 196 100
 198 98.9 76.4 114.6
 200 32.4 24.3 36.5



#43
 1,1'-Biphenyl
 Concen: 33.500 ng/ul
 RT: 13.498 min Scan# 1753
 Delta R.T. 0.006 min
 Lab File: BM042313.D
 Acq: 16 Oct 2023 23:52

Tgt Ion:154 Resp: 1179826
 Ion Ratio Lower Upper
 154 100
 153 40.2 32.9 49.3
 76 15.6 13.0 19.4

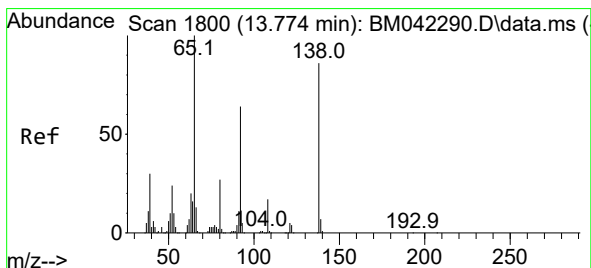
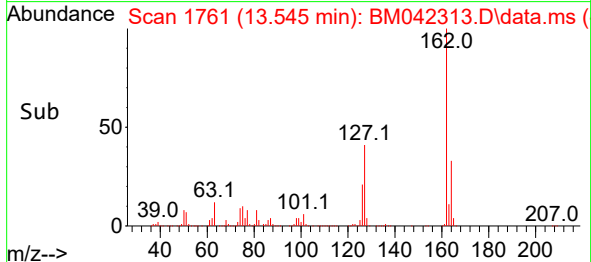
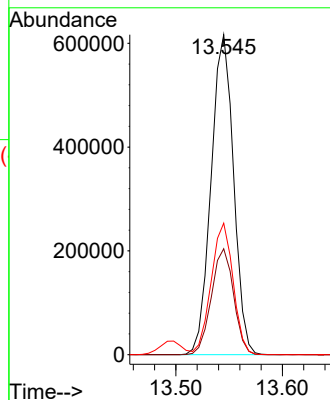
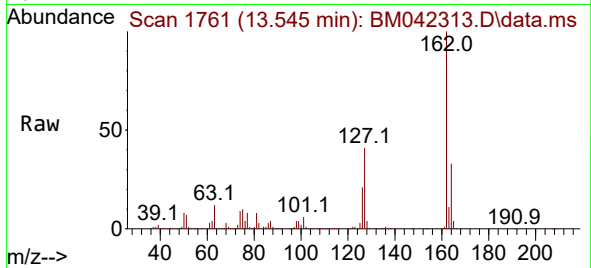




#44
2-Chloronaphthalene
Concen: 33.376 ng/ul
RT: 13.545 min Scan# 1761
Delta R.T. -0.000 min
Lab File: BM042313.D
Acq: 16 Oct 2023 23:52

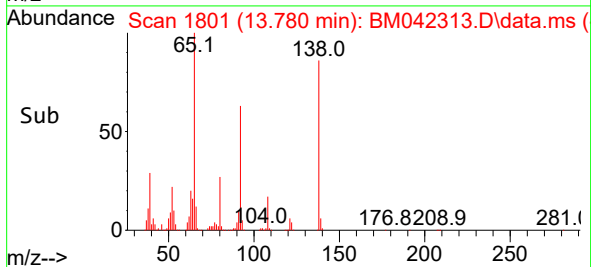
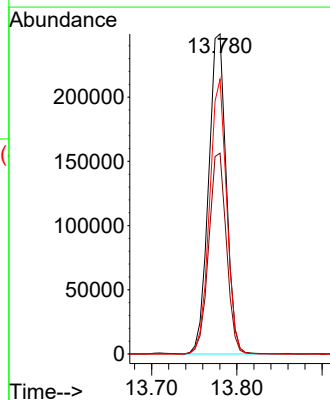
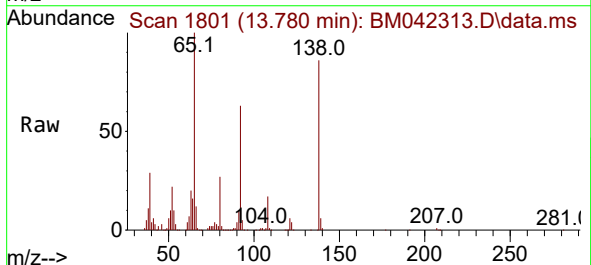
Instrument :
BNA_M
ClientSampleId :
SSTD020131

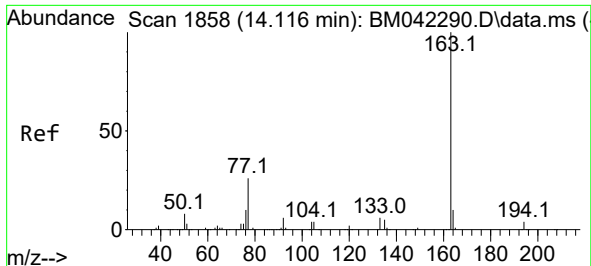
Tgt Ion:162 Resp: 900990
Ion Ratio Lower Upper
162 100
164 33.1 26.9 40.3
127 41.1 32.1 48.1



#45
2-Nitroaniline
Concen: 36.974 ng/ul
RT: 13.780 min Scan# 1801
Delta R.T. 0.006 min
Lab File: BM042313.D
Acq: 16 Oct 2023 23:52

Tgt Ion: 65 Resp: 358840
Ion Ratio Lower Upper
65 100
92 62.7 50.0 75.0
138 85.9 66.4 99.6

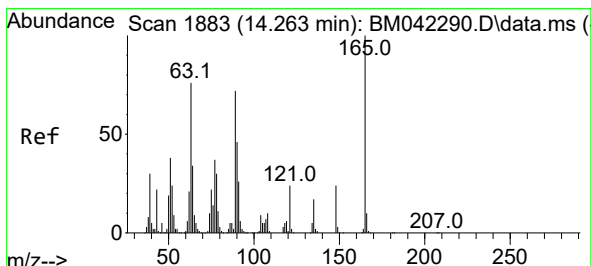
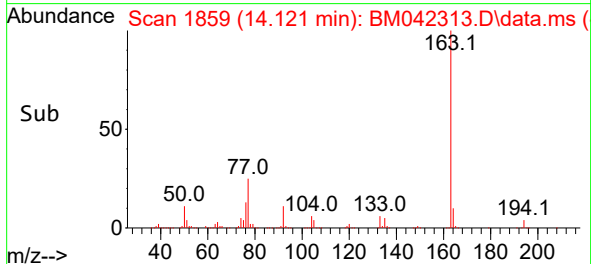
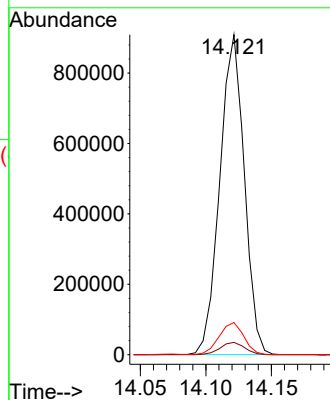
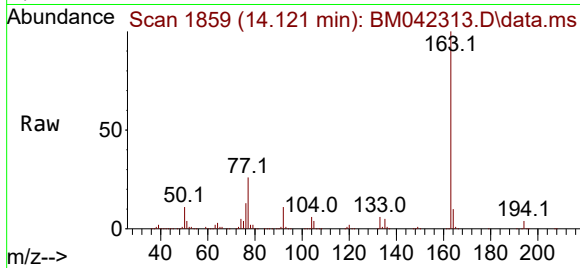




#47
Dimethylphthalate
Concen: 33.237 ng/ul
RT: 14.121 min Scan# 1859
Delta R.T. 0.006 min
Lab File: BM042313.D
Acq: 16 Oct 2023 23:52

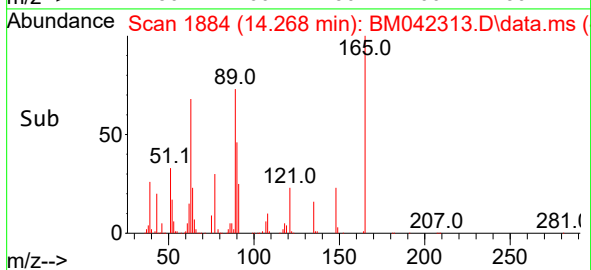
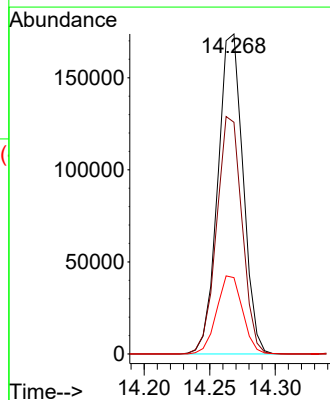
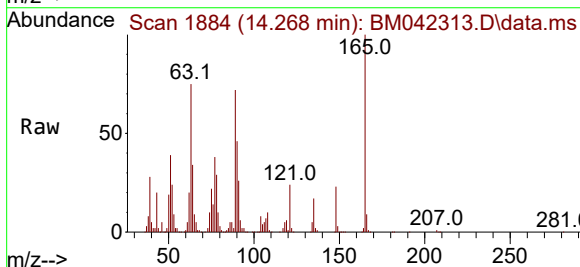
Instrument :
BNA_M
ClientSampleId :
SSTD020131

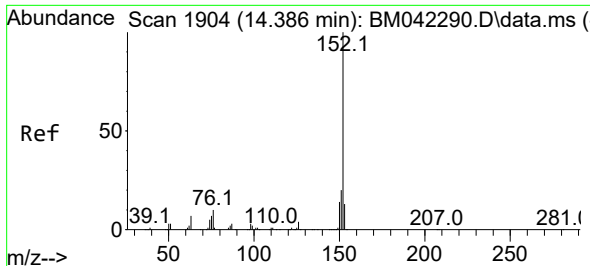
Tgt Ion:163 Resp: 1178119
Ion Ratio Lower Upper
163 100
194 3.9 3.0 4.4
164 10.0 8.1 12.1



#48
2,6-Dinitrotoluene
Concen: 36.265 ng/ul
RT: 14.268 min Scan# 1884
Delta R.T. 0.006 min
Lab File: BM042313.D
Acq: 16 Oct 2023 23:52

Tgt Ion:165 Resp: 232703
Ion Ratio Lower Upper
165 100
89 72.4 60.3 90.5
121 23.9 20.2 30.4

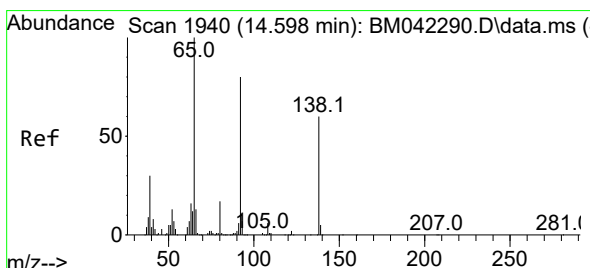
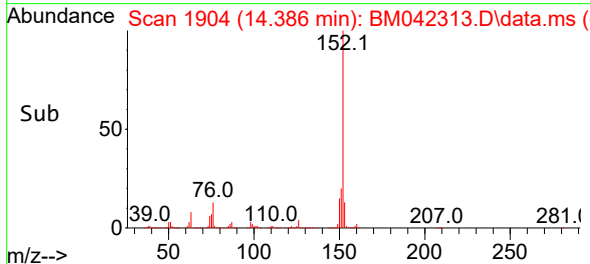
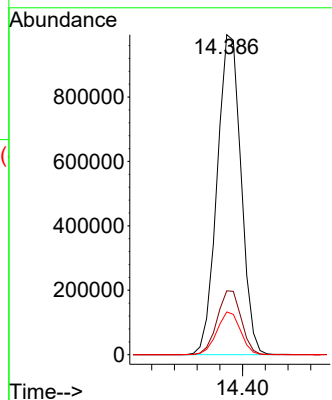
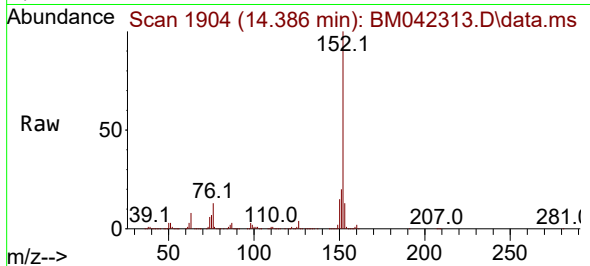




#50
Acenaphthylene
Concen: 32.328 ng/ul
RT: 14.386 min Scan# 1904
Delta R.T. -0.000 min
Lab File: BM042313.D
Acq: 16 Oct 2023 23:52

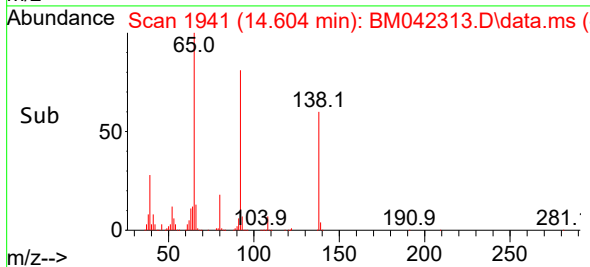
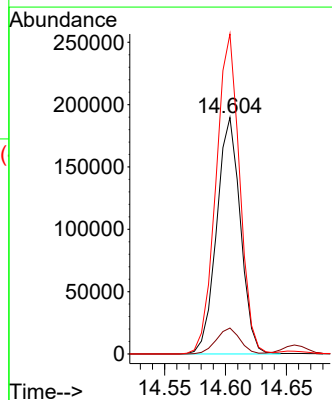
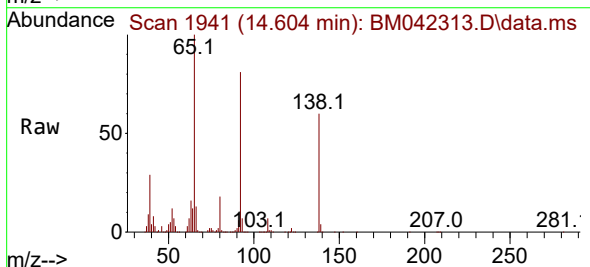
Instrument :
BNA_M
ClientSampleId :
SSTD020131

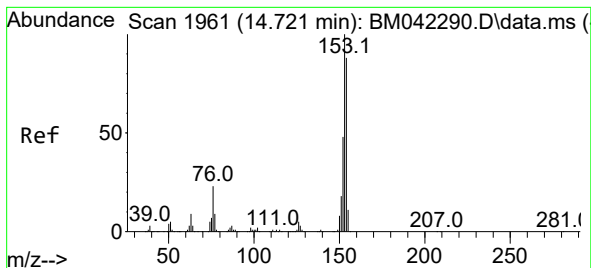
Tgt Ion:152 Resp: 1455566
Ion Ratio Lower Upper
152 100
151 19.9 15.9 23.9
153 13.3 10.3 15.5



#51
3-Nitroaniline
Concen: 34.113 ng/ul
RT: 14.604 min Scan# 1941
Delta R.T. -0.000 min
Lab File: BM042313.D
Acq: 16 Oct 2023 23:52

Tgt Ion:138 Resp: 258020
Ion Ratio Lower Upper
138 100
108 11.0 8.5 12.7
92 135.3 103.8 155.6





#52

Acenaphthene

Concen: 33.523 ng/ul

RT: 14.721 min Scan# 1961

Delta R.T. -0.000 min

Lab File: BM042313.D

Acq: 16 Oct 2023 23:52

Instrument :

BNA_M

ClientSampleId :

SSTD020131

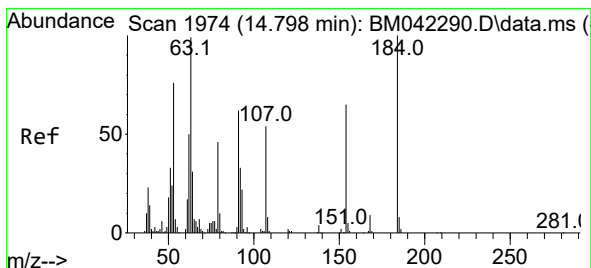
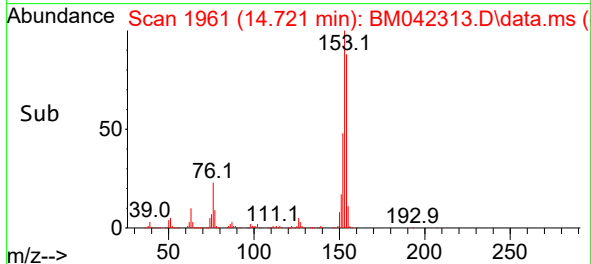
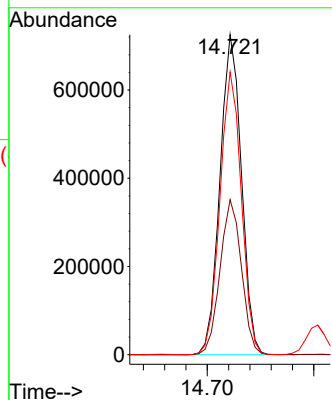
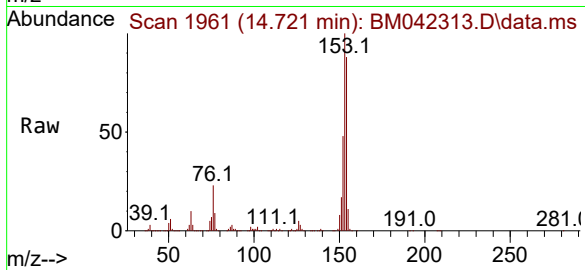
Tgt Ion:153 Resp: 1013927

Ion Ratio Lower Upper

153 100

152 48.5 39.0 58.4

154 88.3 70.4 105.6



#53

2,4-Dinitrophenol

Concen: 31.185 ng/ul

RT: 14.804 min Scan# 1975

Delta R.T. -0.000 min

Lab File: BM042313.D

Acq: 16 Oct 2023 23:52

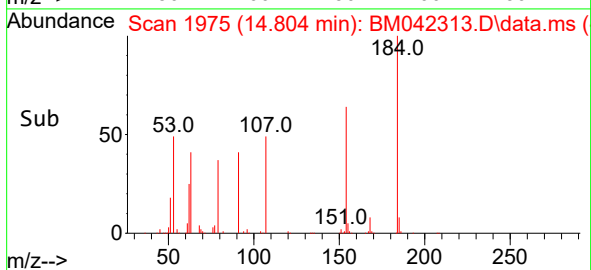
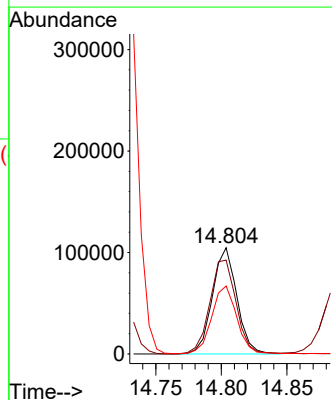
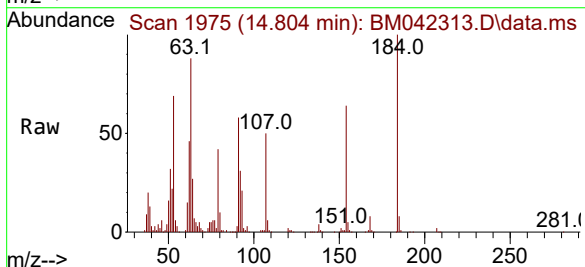
Tgt Ion:184 Resp: 135443

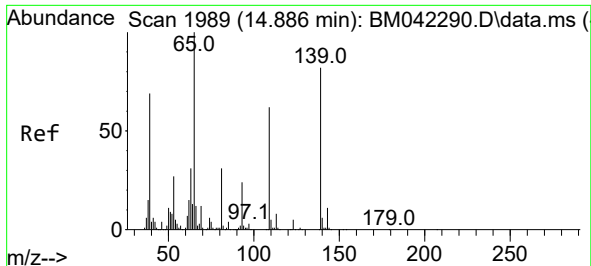
Ion Ratio Lower Upper

184 100

63 88.4 70.6 106.0

154 64.1 50.1 75.1

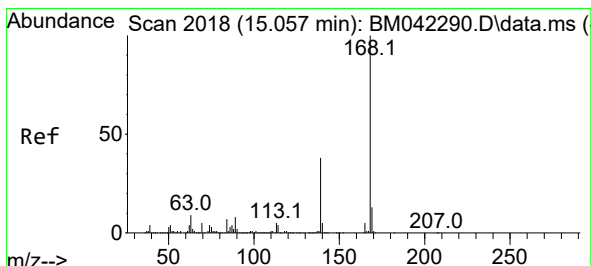
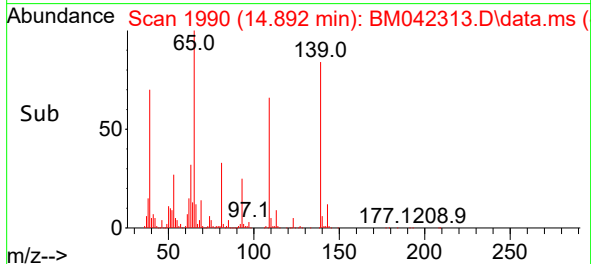
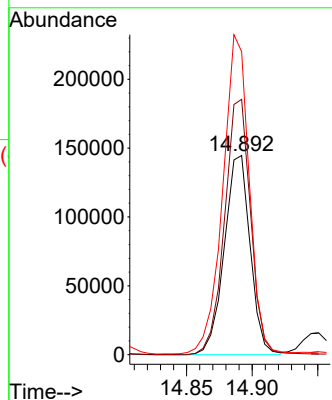
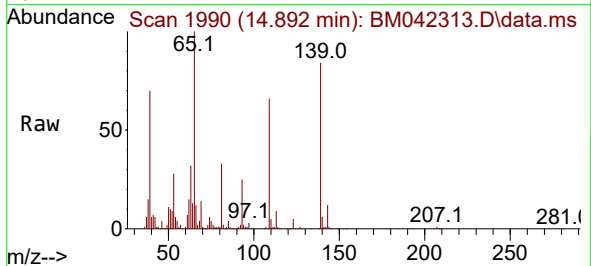




#55
4-Nitrophenol
Concen: 34.173 ng/ul
RT: 14.892 min Scan# 1989
Delta R.T. 0.006 min
Lab File: BM042313.D
Acq: 16 Oct 2023 23:52

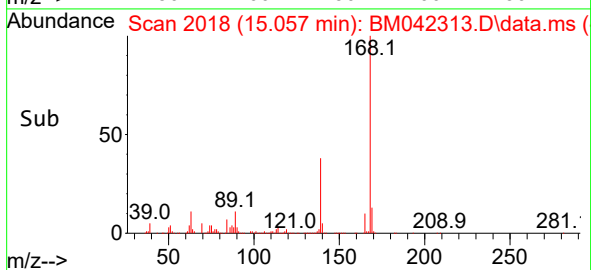
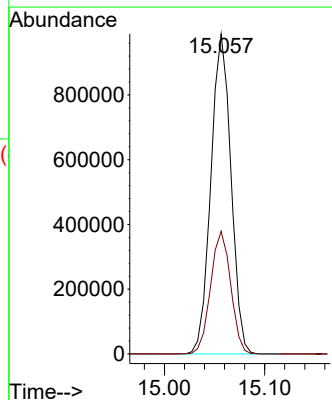
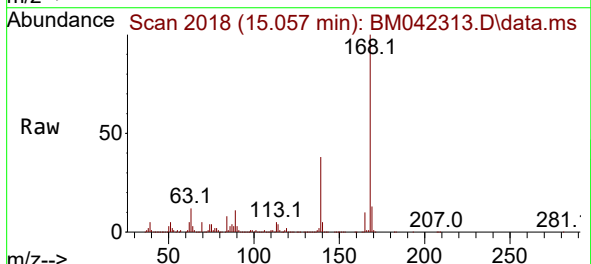
Instrument :
BNA_M
ClientSampleId :
SSTD020131

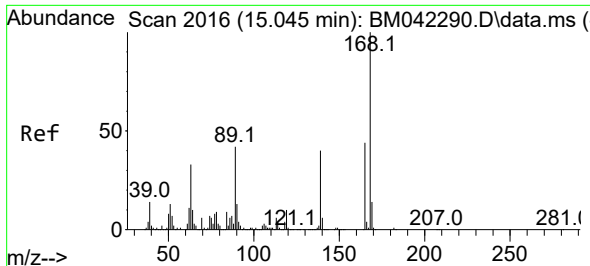
Tgt Ion:109 Resp: 198619
Ion Ratio Lower Upper
109 100
139 128.2 102.5 153.7
65 152.1 126.6 189.8



#56
Dibenzofuran
Concen: 33.760 ng/ul
RT: 15.057 min Scan# 2018
Delta R.T. -0.000 min
Lab File: BM042313.D
Acq: 16 Oct 2023 23:52

Tgt Ion:168 Resp: 1371756
Ion Ratio Lower Upper
168 100
139 38.3 30.7 46.1

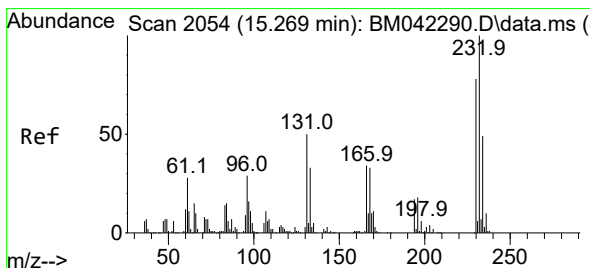
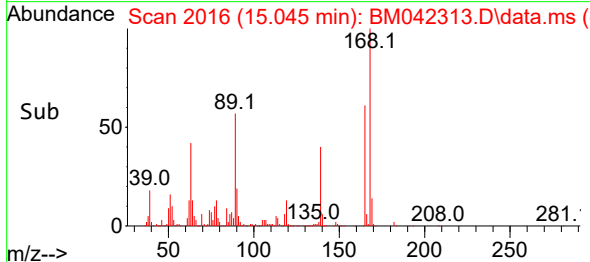
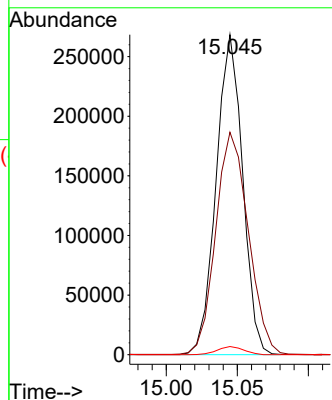
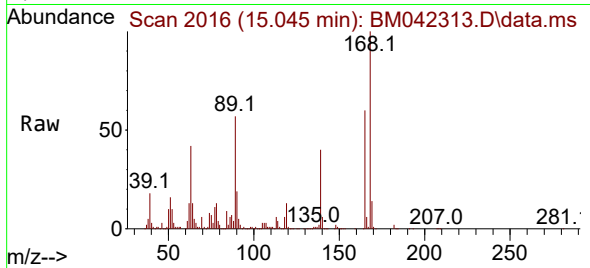




#57
2,4-Dinitrotoluene
Concen: 36.752 ng/ul
RT: 15.045 min Scan# 2016
Delta R.T. -0.000 min
Lab File: BM042313.D
Acq: 16 Oct 2023 23:52

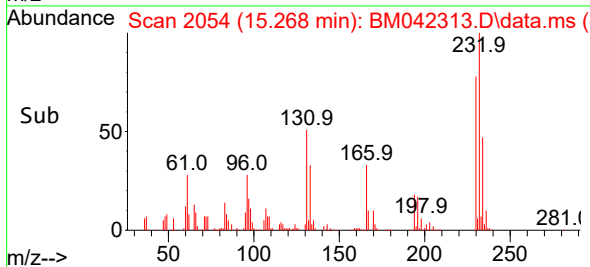
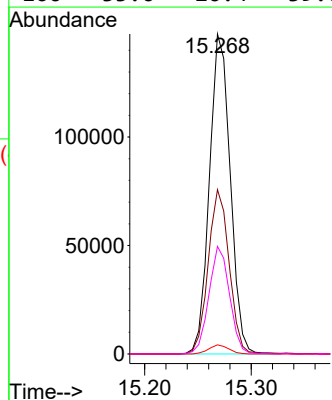
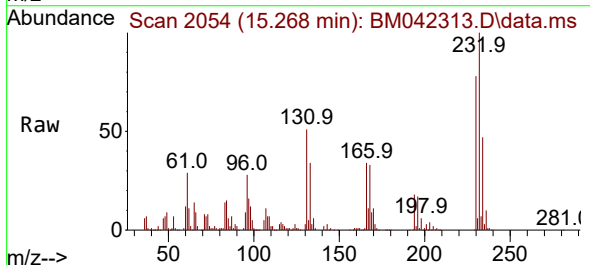
Instrument :
BNA_M
ClientSampleId :
SSTD020131

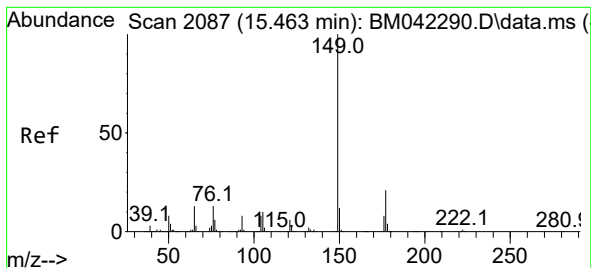
Tgt Ion:165 Resp: 347736
Ion Ratio Lower Upper
165 100
63 69.5 57.5 86.3
182 2.6 2.0 3.0



#58
2,3,4,6-Tetrachlorophenol
Concen: 25.684 ng/ul
RT: 15.268 min Scan# 2054
Delta R.T. -0.006 min
Lab File: BM042313.D
Acq: 16 Oct 2023 23:52

Tgt Ion:232 Resp: 200187
Ion Ratio Lower Upper
232 100
131 51.3 38.2 57.4
130 2.9 2.2 3.4
166 33.6 26.4 39.6





#59

Diethylphthalate

Concen: 34.335 ng/ul

RT: 15.468 min Scan# 2087

Delta R.T. -0.000 min

Lab File: BM042313.D

Acq: 16 Oct 2023 23:52

Instrument :

BNA_M

ClientSampleId :

SSTD020131

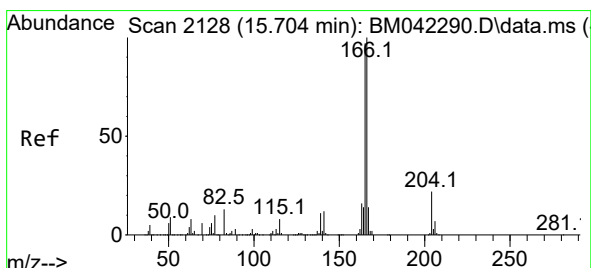
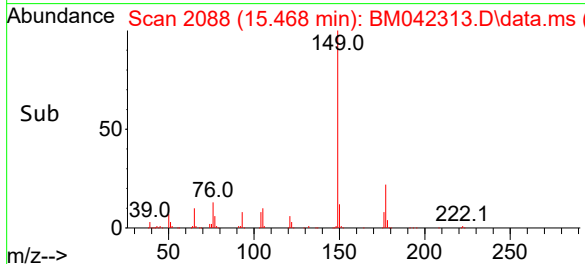
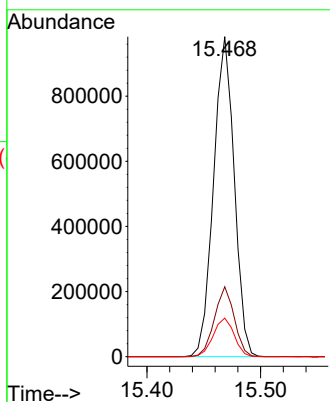
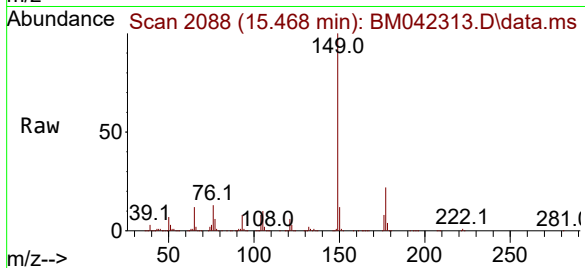
Tgt Ion:149 Resp: 1242323

Ion Ratio Lower Upper

149 100

177 21.8 16.6 25.0

150 12.0 9.7 14.5



#61

Fluorene

Concen: 34.132 ng/ul

RT: 15.704 min Scan# 2128

Delta R.T. -0.000 min

Lab File: BM042313.D

Acq: 16 Oct 2023 23:52

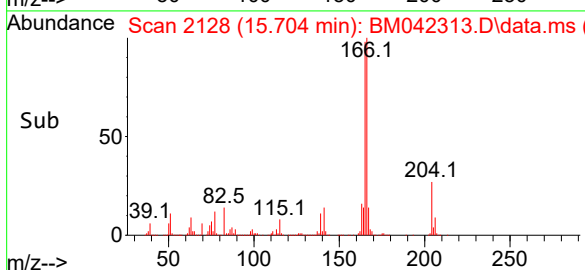
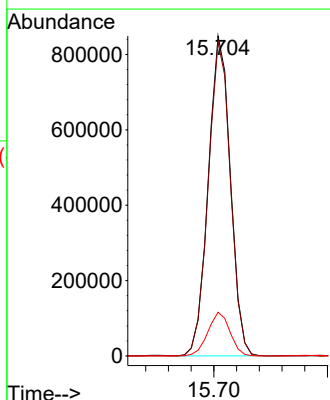
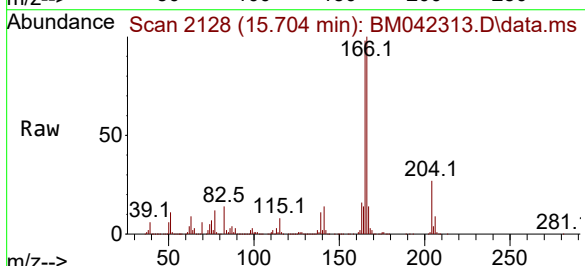
Tgt Ion:166 Resp: 1150246

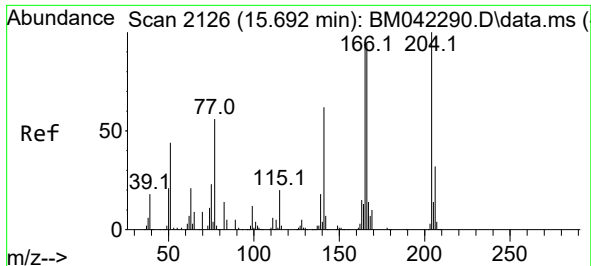
Ion Ratio Lower Upper

166 100

165 98.1 78.7 118.1

167 13.7 10.9 16.3

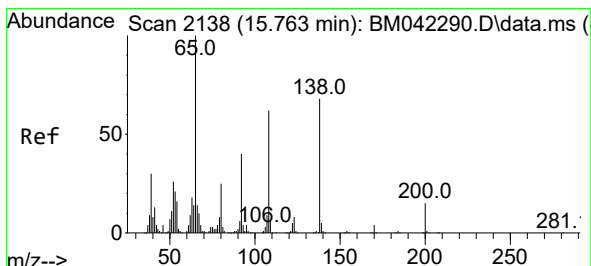
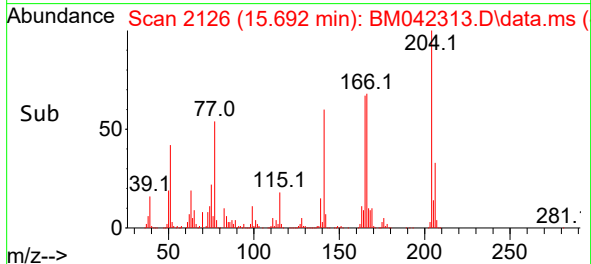
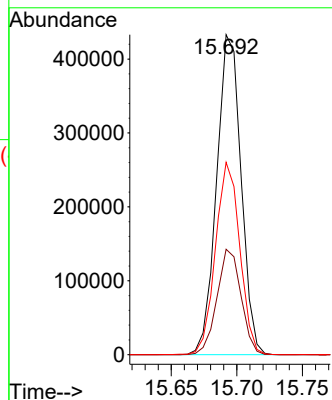
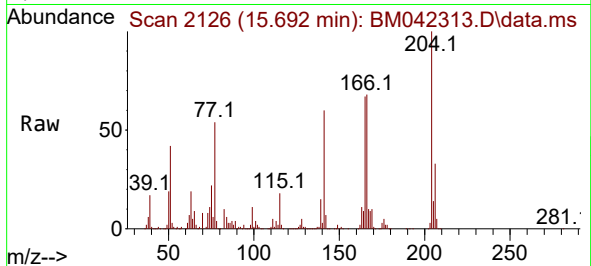




#62
4-Chlorophenyl-phenylether
Concen: 34.443 ng/ul
RT: 15.692 min Scan# 2126
Delta R.T. -0.006 min
Lab File: BM042313.D
Acq: 16 Oct 2023 23:52

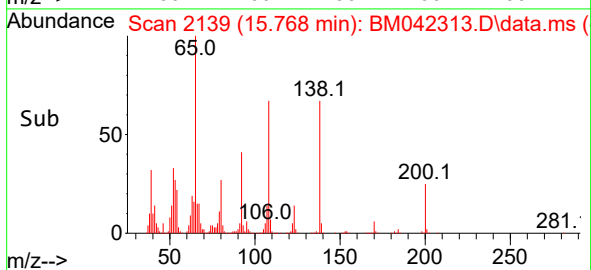
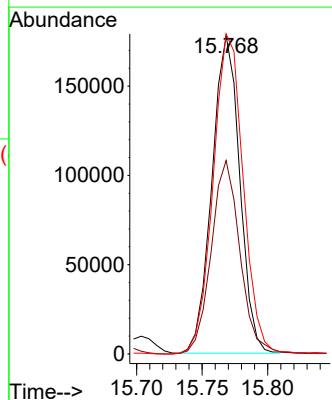
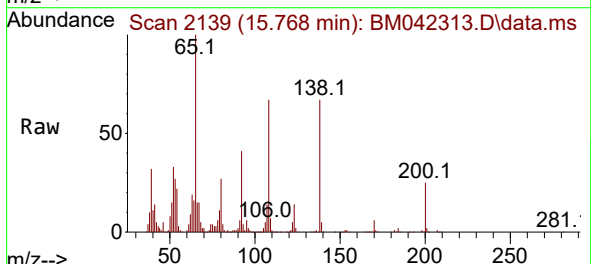
Instrument :
BNA_M
ClientSampleId :
SSTD020131

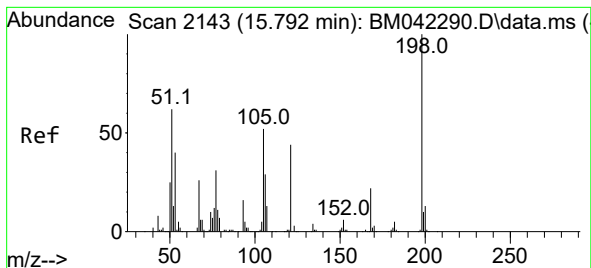
Tgt Ion:204 Resp: 560463
Ion Ratio Lower Upper
204 100
206 33.0 26.3 39.5
141 60.1 48.5 72.7



#63
4-Nitroaniline
Concen: 38.652 ng/ul
RT: 15.768 min Scan# 2139
Delta R.T. 0.006 min
Lab File: BM042313.D
Acq: 16 Oct 2023 23:52

Tgt Ion:138 Resp: 261462
Ion Ratio Lower Upper
138 100
92 60.8 49.5 74.3
108 100.5 72.5 108.7

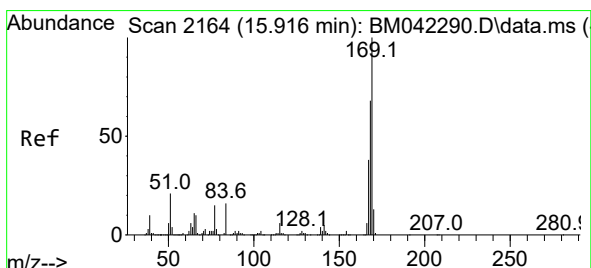
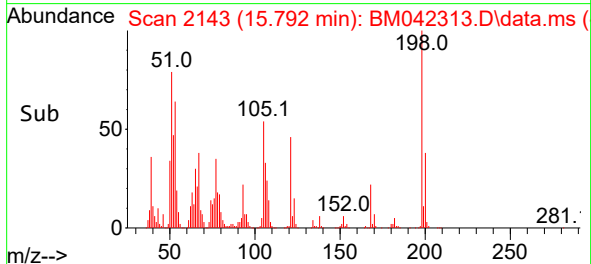
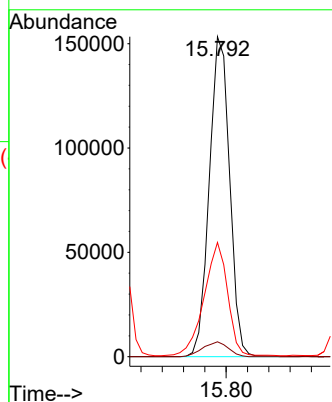
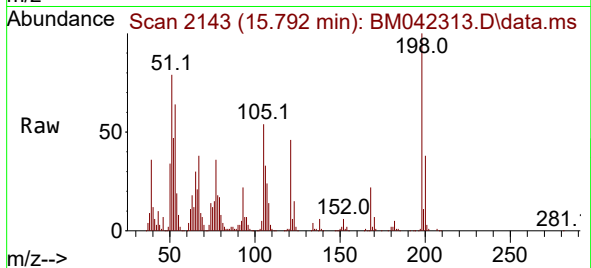




#66
4,6-Dinitro-2-methylphenol
Concen: 32.033 ng/ul
RT: 15.792 min Scan# 2143
Delta R.T. -0.000 min
Lab File: BM042313.D
Acq: 16 Oct 2023 23:52

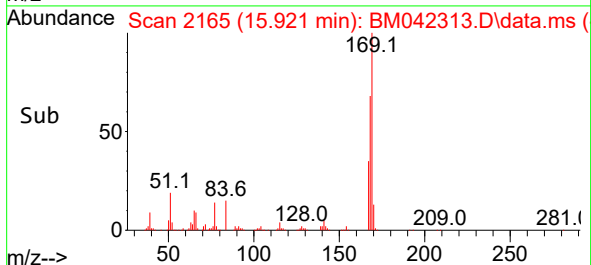
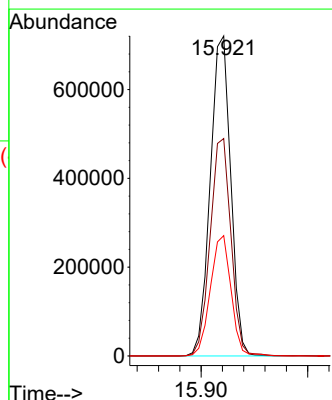
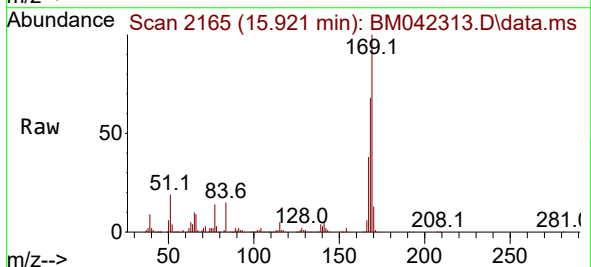
Instrument :
BNA_M
ClientSampleId :
SSTD020131

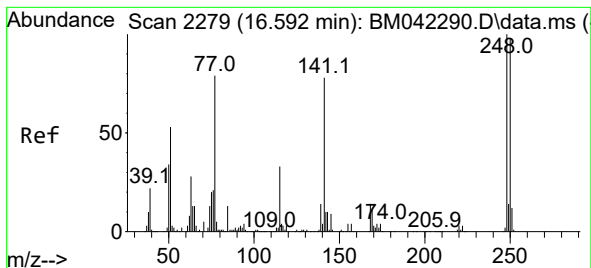
Tgt Ion:198 Resp: 202946
Ion Ratio Lower Upper
198 100
182 4.6 4.2 6.2
77 35.7 27.4 41.0



#67
N-Nitrosodiphenylamine
Concen: 34.871 ng/ul
RT: 15.921 min Scan# 2165
Delta R.T. -0.000 min
Lab File: BM042313.D
Acq: 16 Oct 2023 23:52

Tgt Ion:169 Resp: 959418
Ion Ratio Lower Upper
169 100
168 68.0 55.8 83.8
167 37.6 29.8 44.8

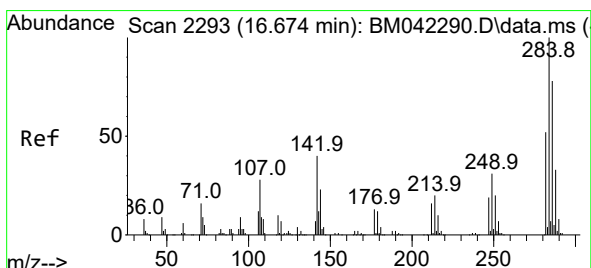
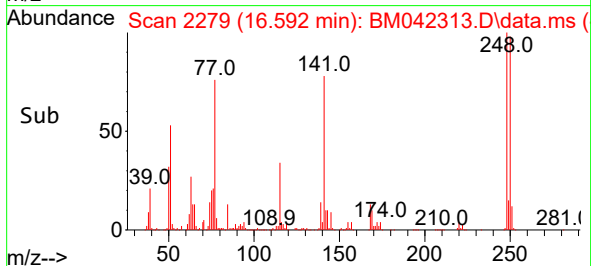
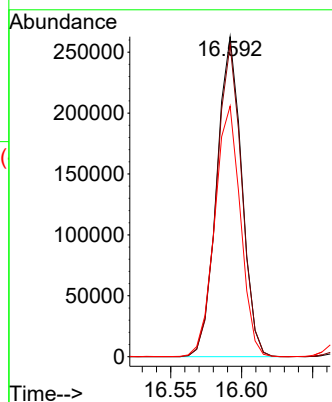
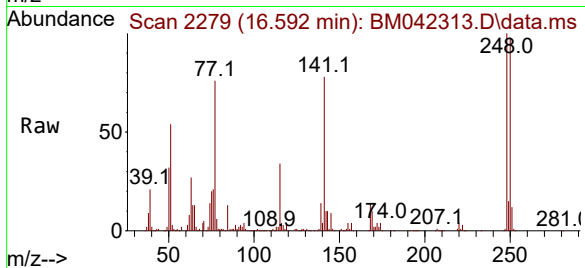




#68
4-Bromophenyl-phenylether
Concen: 34.573 ng/ul
RT: 16.592 min Scan# 211
Delta R.T. -0.000 min
Lab File: BM042313.D
Acq: 16 Oct 2023 23:52

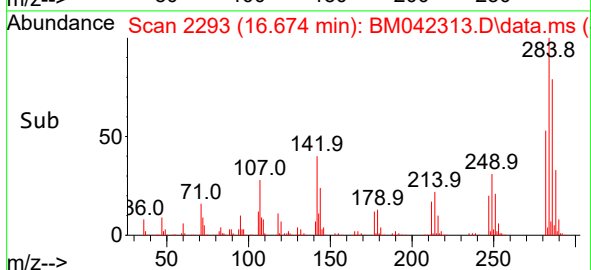
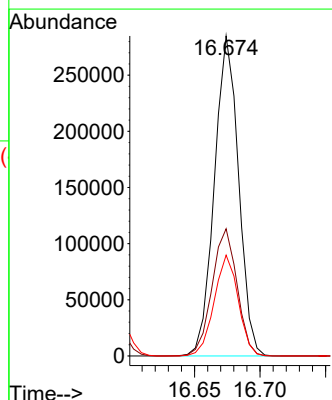
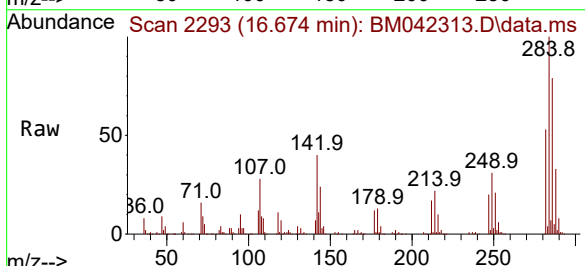
Instrument :
BNA_M
ClientSampleId :
SSTD020131

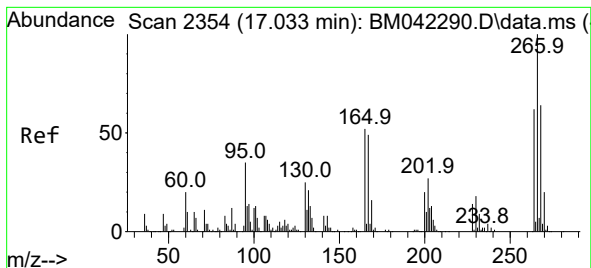
Tgt Ion:248 Resp: 321587
Ion Ratio Lower Upper
248 100
250 97.5 79.4 119.0
141 78.3 66.5 99.7



#69
Hexachlorobenzene
Concen: 34.489 ng/ul
RT: 16.674 min Scan# 2293
Delta R.T. -0.000 min
Lab File: BM042313.D
Acq: 16 Oct 2023 23:52

Tgt Ion:284 Resp: 364753
Ion Ratio Lower Upper
284 100
142 39.7 33.8 50.6
249 31.5 25.4 38.0





#71

Pentachlorophenol

Concen: 19.720 ng/ul

RT: 17.033 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM042313.D

Acq: 16 Oct 2023 23:52

Instrument :

BNA_M

ClientSampleId :

SSTD020131

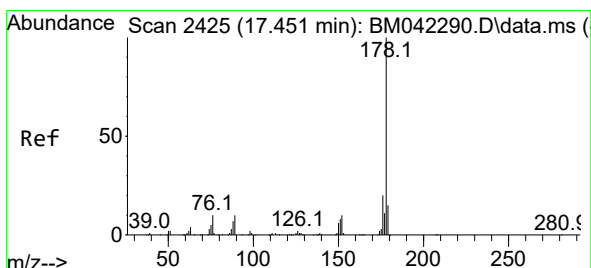
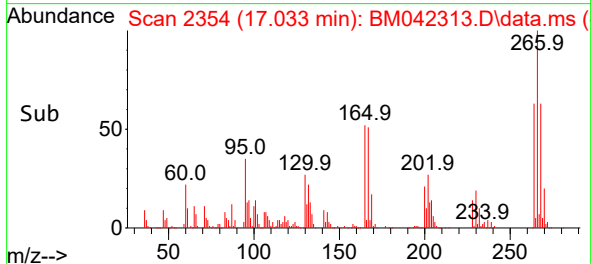
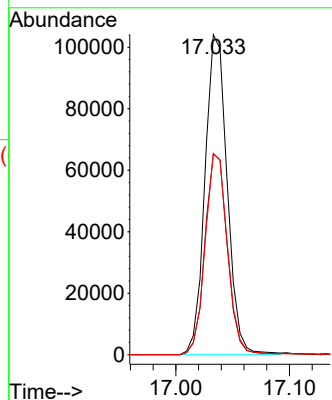
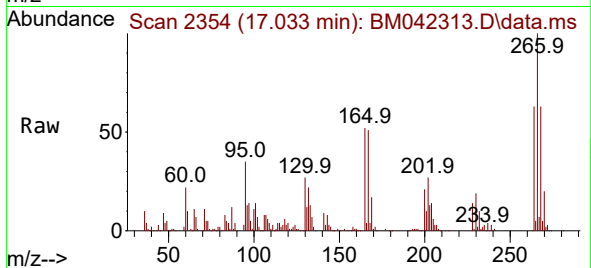
Tgt Ion:266 Resp: 141316

Ion Ratio Lower Upper

266 100

264 62.8 51.2 76.8

268 62.9 52.6 78.8



#72

Phenanthrene

Concen: 34.694 ng/ul

RT: 17.451 min Scan# 2425

Delta R.T. -0.000 min

Lab File: BM042313.D

Acq: 16 Oct 2023 23:52

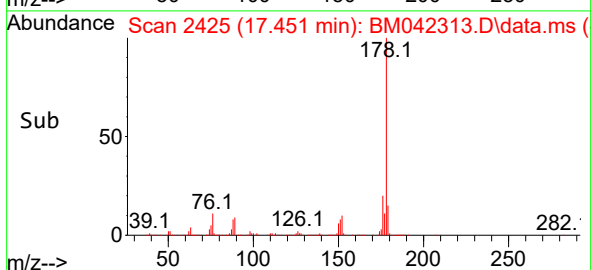
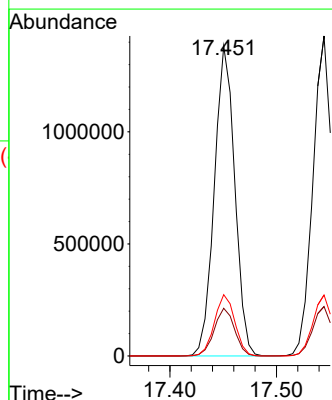
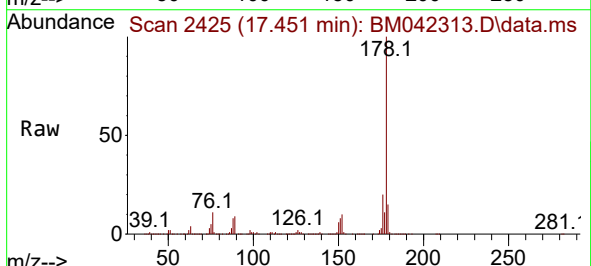
Tgt Ion:178 Resp: 1840506

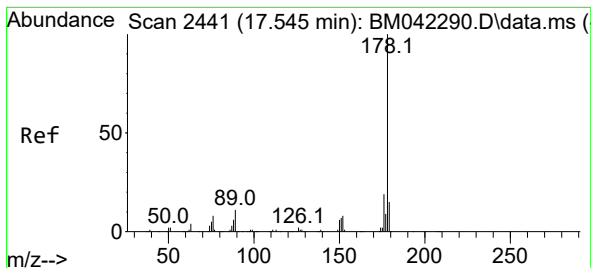
Ion Ratio Lower Upper

178 100

179 15.4 12.2 18.4

176 19.8 15.8 23.8





#74

Anthracene

Concen: 34.585 ng/uI

RT: 17.545 min Scan# 2441

Delta R.T. -0.000 min

Lab File: BM042313.D

Acq: 16 Oct 2023 23:52

Instrument :

BNA_M

ClientSampleId :

SSTD020131

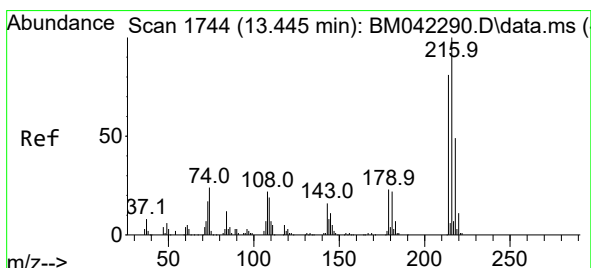
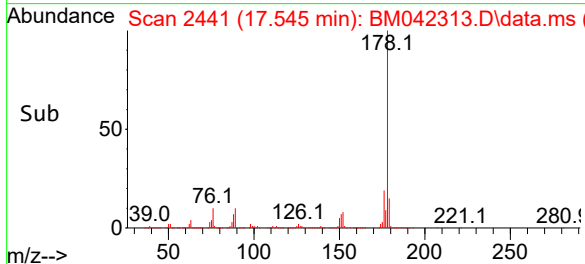
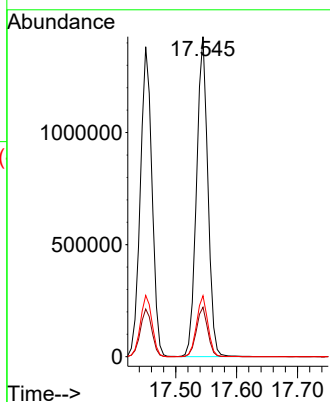
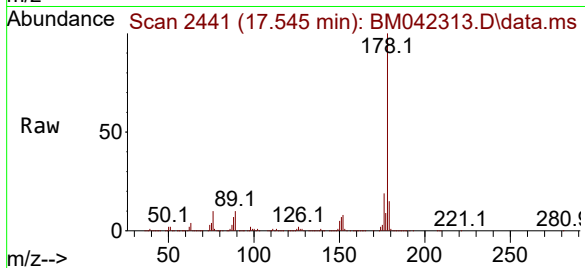
Tgt Ion:178 Resp: 1845378

Ion Ratio Lower Upper

178 100

179 15.4 12.2 18.2

176 19.1 15.0 22.4



#75

1,2,3,4-Tetrachlorobenzene

Concen: 34.552 ng/uI

RT: 13.451 min Scan# 1745

Delta R.T. -0.000 min

Lab File: BM042313.D

Acq: 16 Oct 2023 23:52

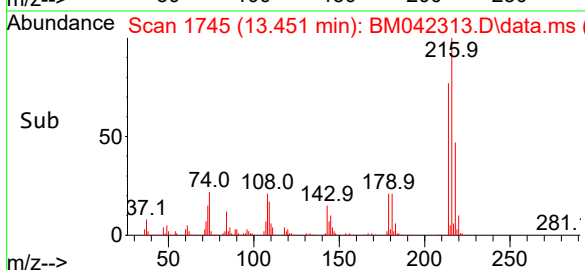
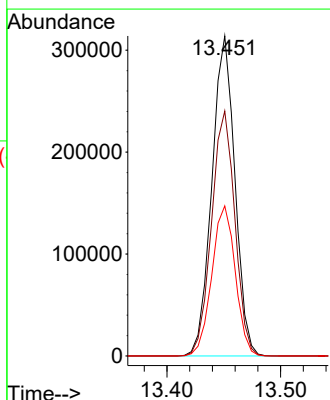
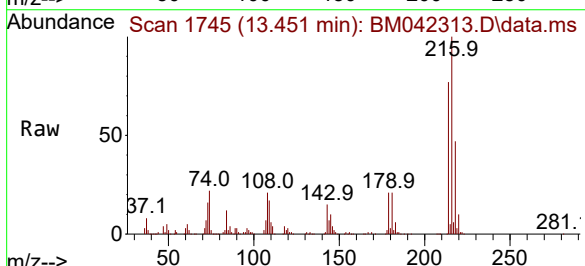
Tgt Ion:216 Resp: 442725

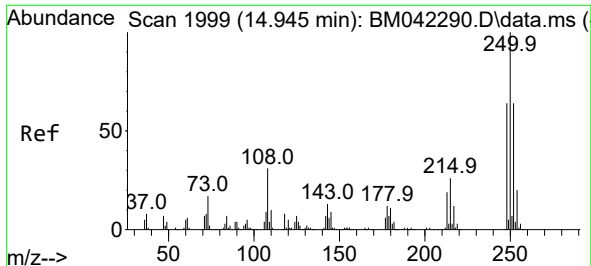
Ion Ratio Lower Upper

216 100

214 76.6 62.0 93.0

218 46.9 38.8 58.2

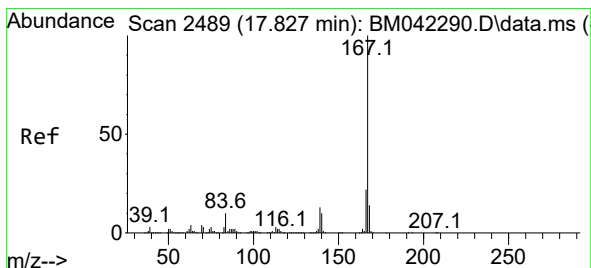
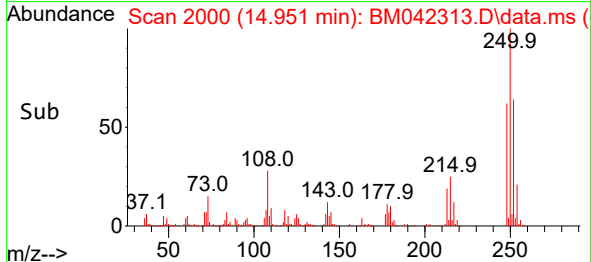
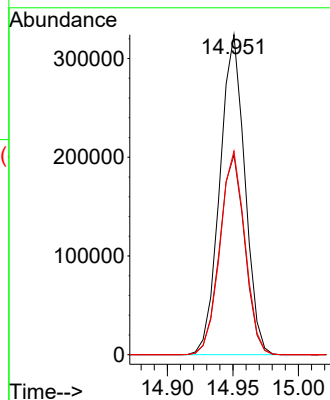
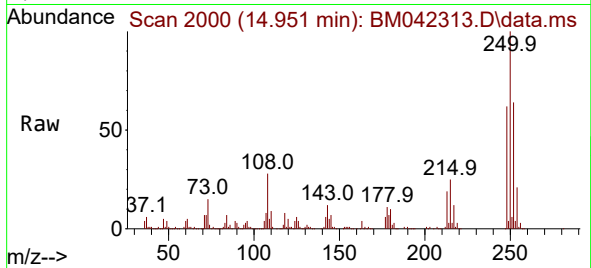




#76
 Pentachlorobenzene
 Concen: 34.092 ng/uL
 RT: 14.951 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: BM042313.D
 Acq: 16 Oct 2023 23:52

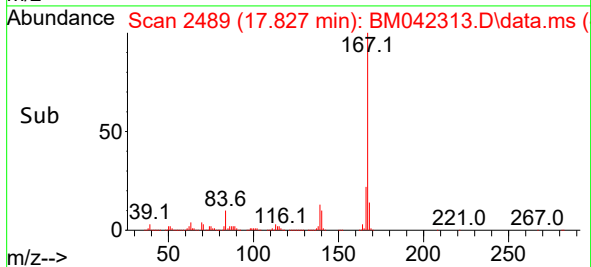
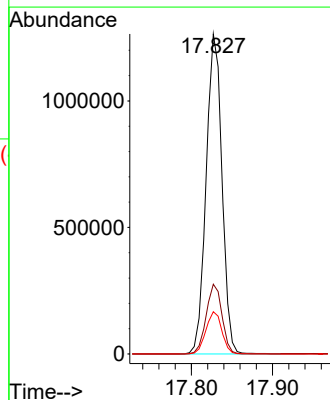
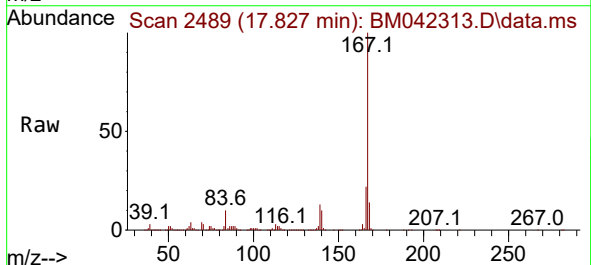
Instrument :
 BNA_M
 ClientSampleId :
 SST020131

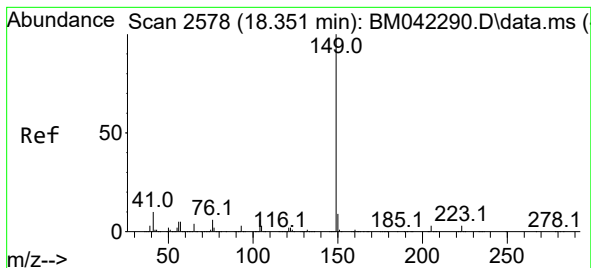
Tgt Ion:250 Resp: 428928
 Ion Ratio Lower Upper
 250 100
 248 62.3 51.1 76.7
 252 63.6 52.9 79.3



#77
 Carbazole
 Concen: 35.199 ng/uL
 RT: 17.827 min Scan# 2489
 Delta R.T. -0.000 min
 Lab File: BM042313.D
 Acq: 16 Oct 2023 23:52

Tgt Ion:167 Resp: 1710834
 Ion Ratio Lower Upper
 167 100
 166 21.8 17.4 26.0
 139 13.2 10.6 16.0





#78

Di-n-butylphthalate

Concen: 36.239 ng/ul

RT: 18.351 min Scan# 2

Delta R.T. -0.000 min

Lab File: BM042313.D

Acq: 16 Oct 2023 23:52

Instrument :

BNA_M

ClientSampleId :

SSTD020131

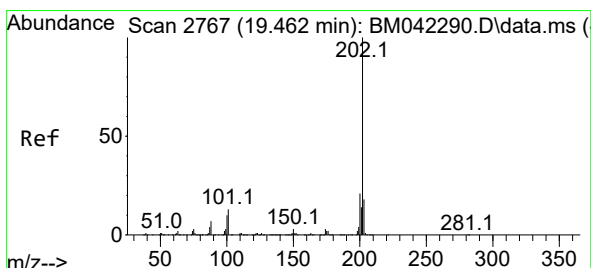
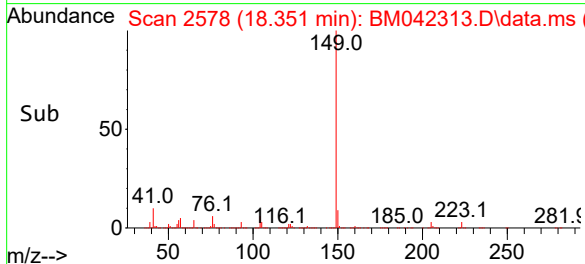
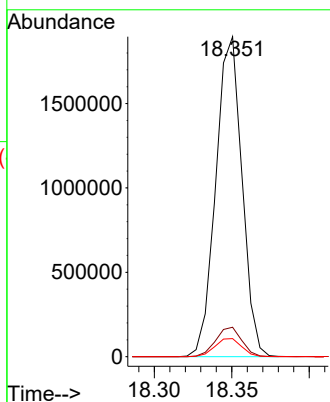
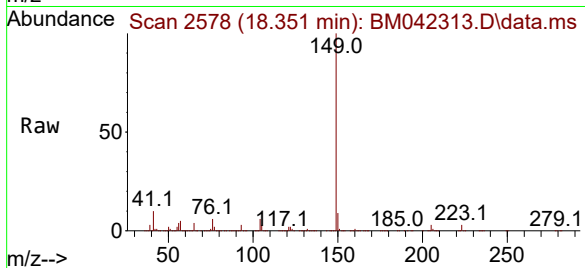
Tgt Ion:149 Resp: 2229651

Ion Ratio Lower Upper

149 100

150 9.2 7.2 10.8

104 5.7 4.6 6.8



#80

Fluoranthene

Concen: 35.324 ng/ul

RT: 19.462 min Scan# 2767

Delta R.T. -0.000 min

Lab File: BM042313.D

Acq: 16 Oct 2023 23:52

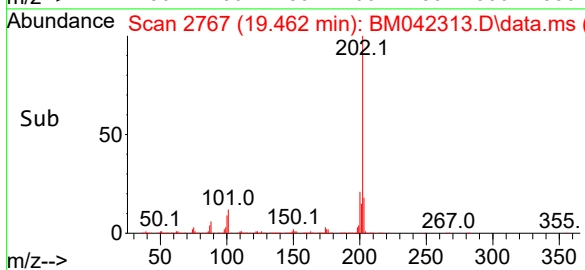
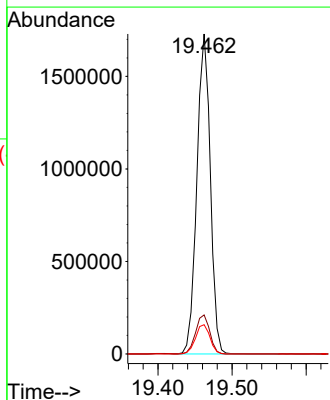
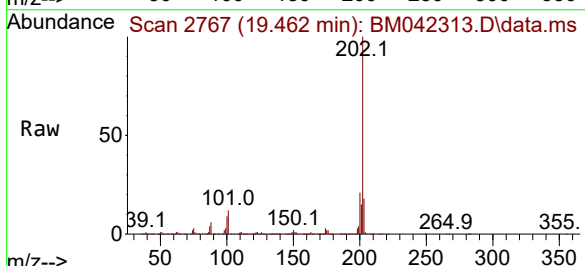
Tgt Ion:202 Resp: 2173651

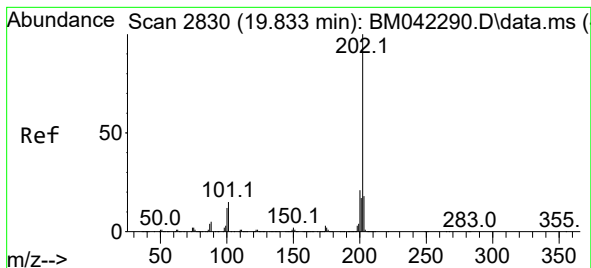
Ion Ratio Lower Upper

202 100

101 12.2 10.8 16.2

100 9.2 8.3 12.5





#82

Pyrene

Concen: 35.519 ng/ul

RT: 19.827 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM042313.D

Acq: 16 Oct 2023 23:52

Instrument :

BNA_M

ClientSampleId :

SSTD020131

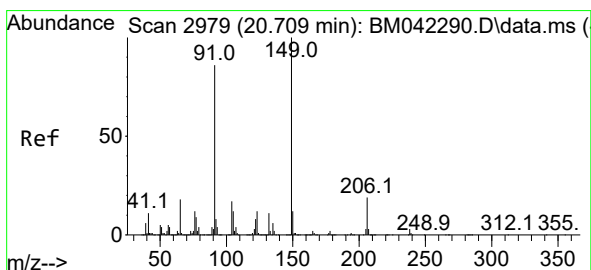
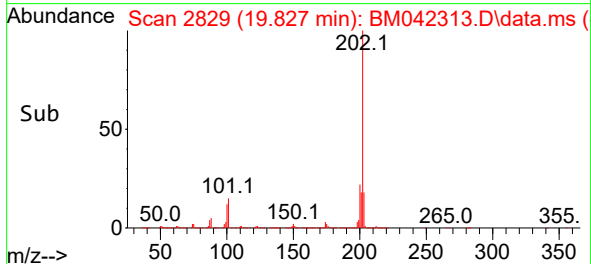
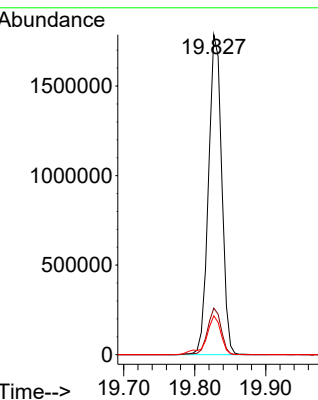
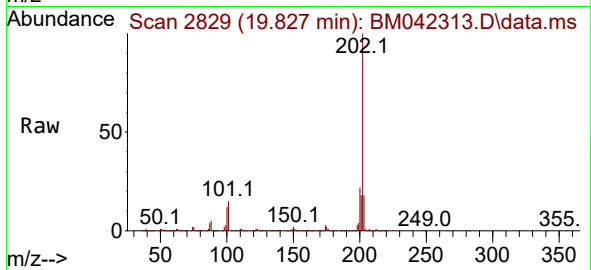
Tgt Ion:202 Resp: 2297894

Ion Ratio Lower Upper

202 100

101 14.5 11.9 17.9

100 12.2 9.9 14.9



#83

Butylbenzylphthalate

Concen: 37.280 ng/ul

RT: 20.703 min Scan# 2978

Delta R.T. -0.006 min

Lab File: BM042313.D

Acq: 16 Oct 2023 23:52

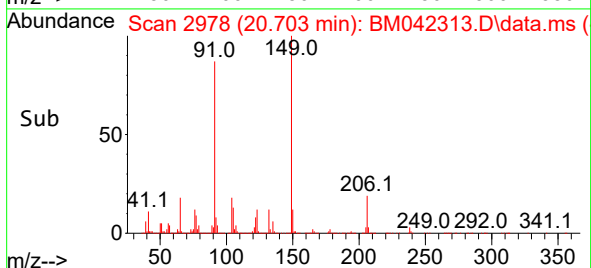
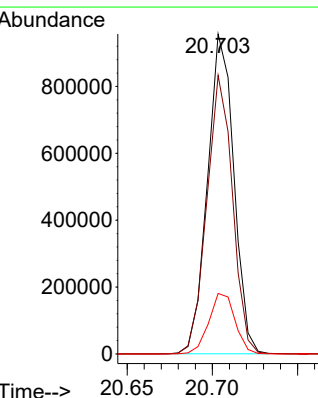
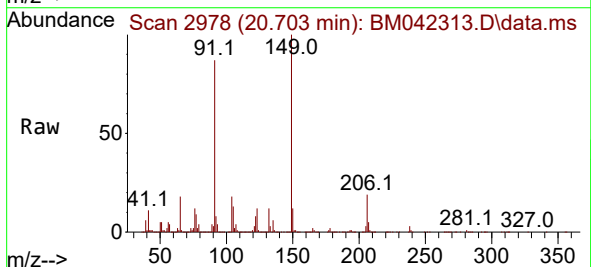
Tgt Ion:149 Resp: 1028070

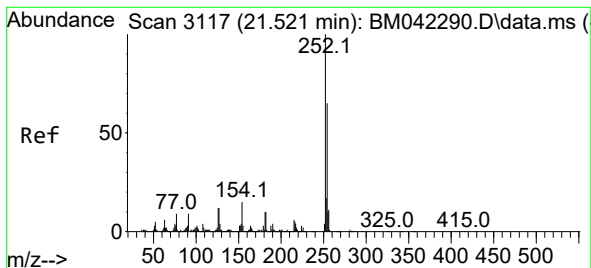
Ion Ratio Lower Upper

149 100

91 87.0 67.1 100.7

206 18.9 14.2 21.2





#84

3,3'-Dichlorobenzidine

Concen: 33.870 ng/ul

RT: 21.515 min Scan# 3116

Delta R.T. -0.006 min

Lab File: BM042313.D

Acq: 16 Oct 2023 23:52

Instrument :

BNA_M

ClientSampleId :

SSTD020131

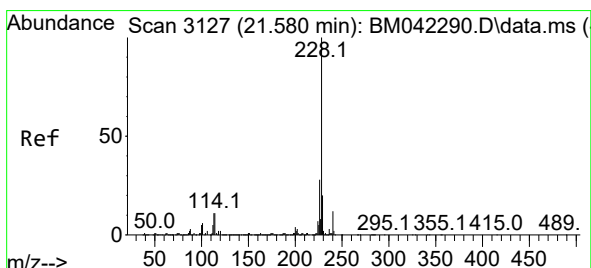
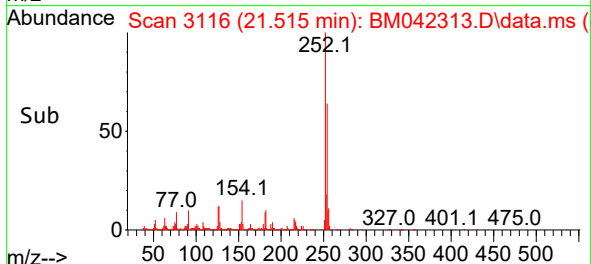
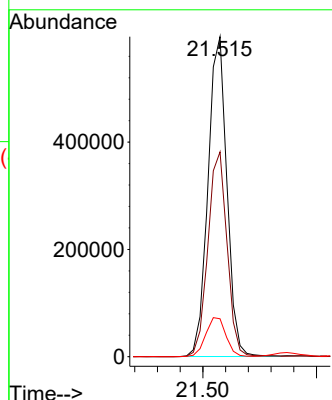
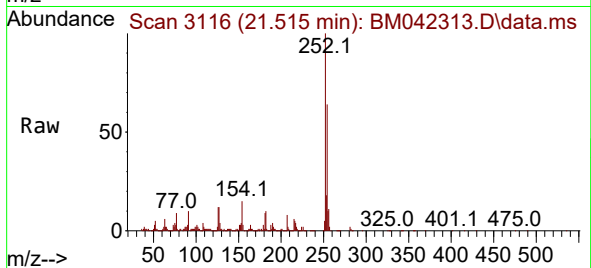
Tgt Ion:252 Resp: 689808

Ion Ratio Lower Upper

252 100

254 64.0 52.5 78.7

126 11.9 10.4 15.6



#85

Benzo(a)anthracene

Concen: 34.374 ng/ul

RT: 21.574 min Scan# 3126

Delta R.T. -0.006 min

Lab File: BM042313.D

Acq: 16 Oct 2023 23:52

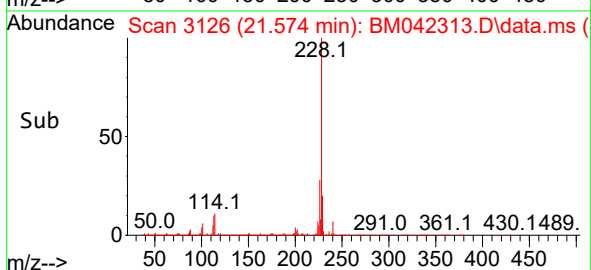
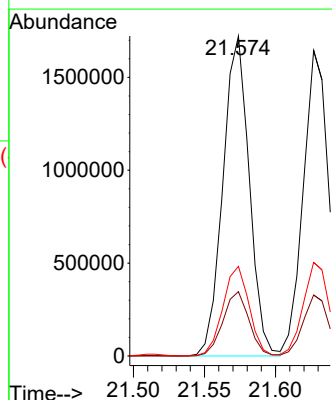
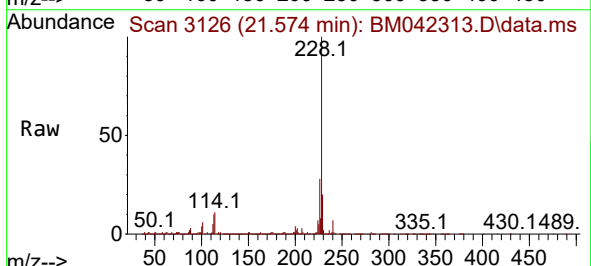
Tgt Ion:228 Resp: 2223279

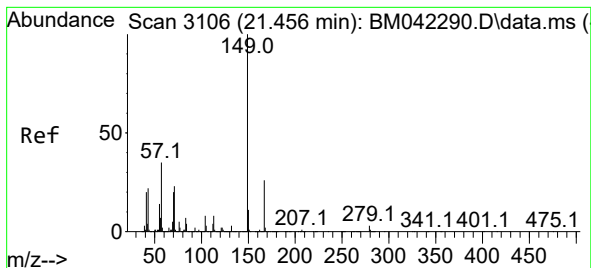
Ion Ratio Lower Upper

228 100

229 20.1 15.9 23.9

226 28.0 22.2 33.4

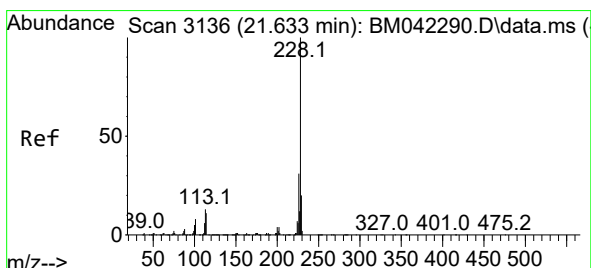
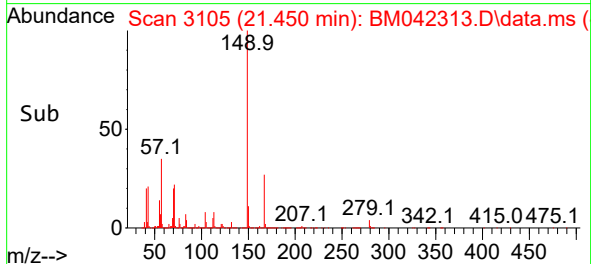
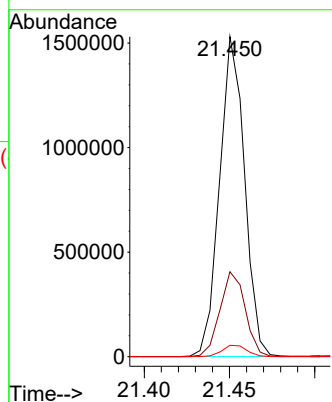
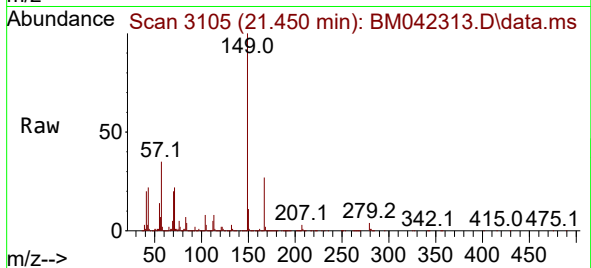




#86
 Bis(2-ethylhexyl)phthalate
 Concen: 38.302 ng/ul
 RT: 21.450 min Scan# 3106
 Delta R.T. -0.006 min
 Lab File: BM042313.D
 Acq: 16 Oct 2023 23:52

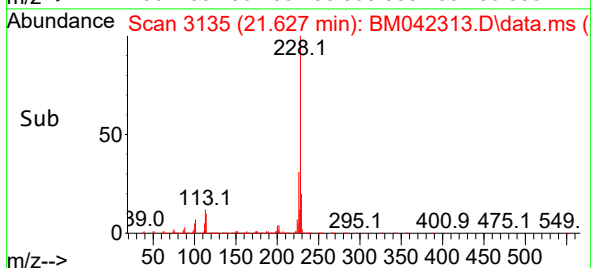
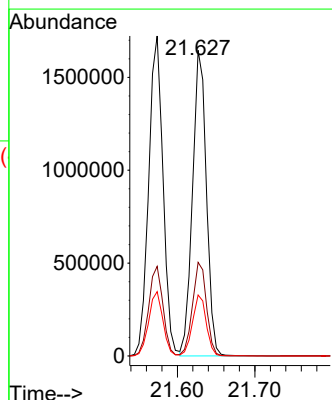
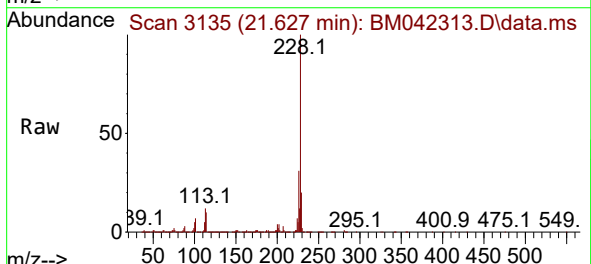
Instrument :
 BNA_M
 ClientSampleId :
 SSTD020131

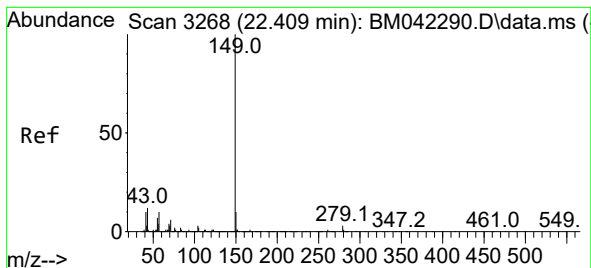
Tgt Ion:149 Resp: 1560578
 Ion Ratio Lower Upper
 149 100
 167 26.6 21.1 31.7
 279 3.6 2.4 3.6



#87
 Chrysene
 Concen: 34.351 ng/ul
 RT: 21.627 min Scan# 3135
 Delta R.T. -0.006 min
 Lab File: BM042313.D
 Acq: 16 Oct 2023 23:52

Tgt Ion:228 Resp: 2043238
 Ion Ratio Lower Upper
 228 100
 226 30.6 24.4 36.6
 229 20.0 15.7 23.5





#89

Di-n-octyl phthalate

Concen: 40.456 ng/ul

RT: 22.397 min Scan# 3419

Delta R.T. -0.012 min

Lab File: BM042313.D

Acq: 16 Oct 2023 23:52

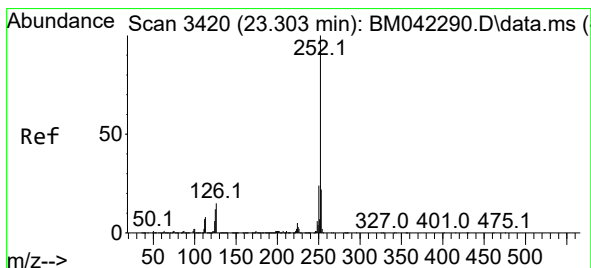
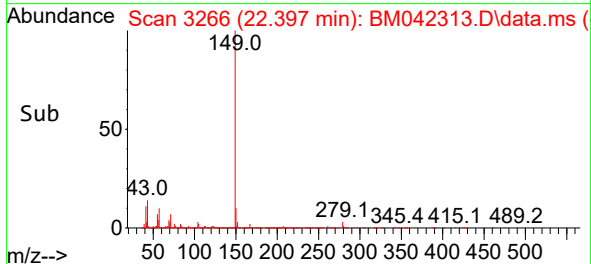
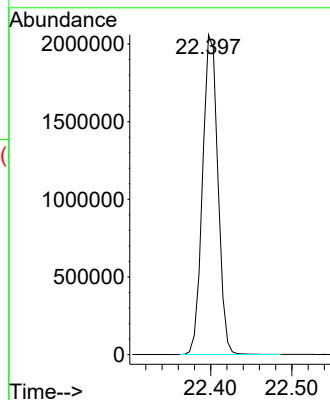
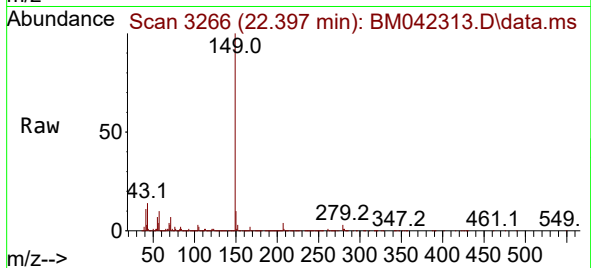
Instrument :

BNA_M

ClientSampleId :

SSTD020131

Tgt Ion:149 Resp: 2703757



#90

Benzo(b)fluoranthene

Concen: 38.539 ng/ul

RT: 23.297 min Scan# 3419

Delta R.T. -0.012 min

Lab File: BM042313.D

Acq: 16 Oct 2023 23:52

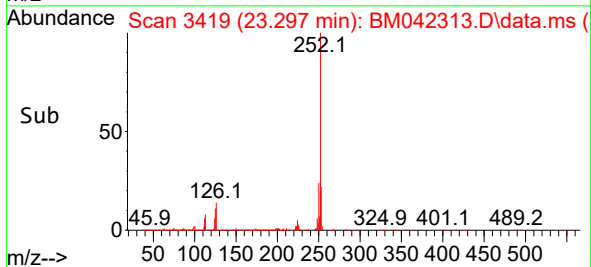
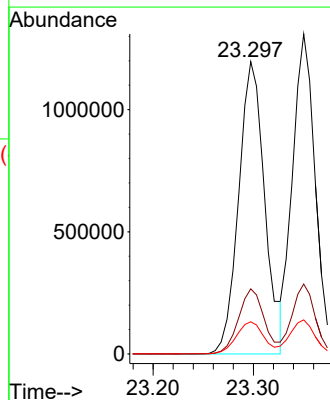
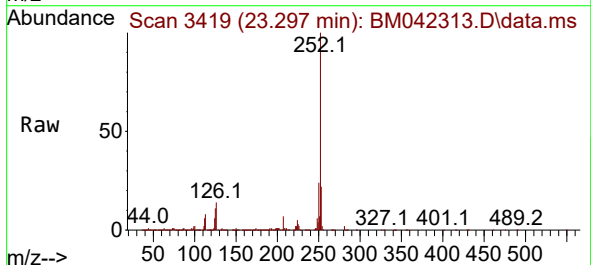
Tgt Ion:252 Resp: 2166813

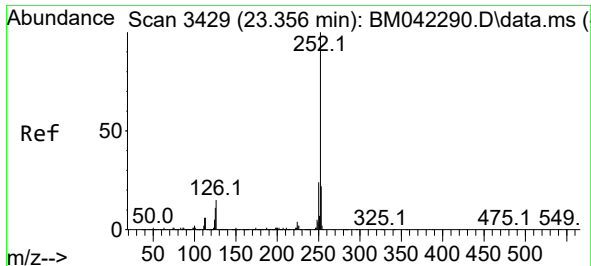
Ion Ratio Lower Upper

252 100

253 22.3 17.4 26.0

125 11.0 9.4 14.2

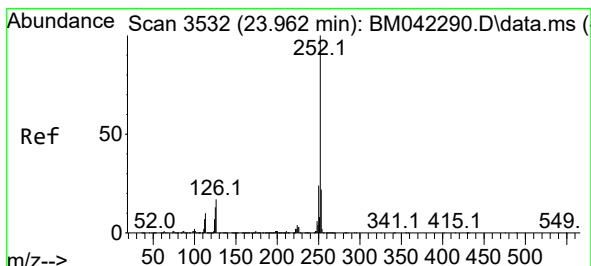
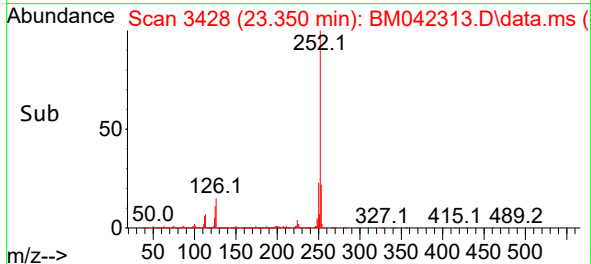
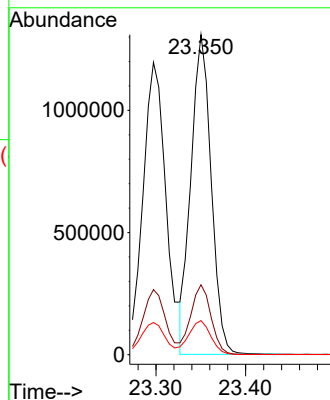
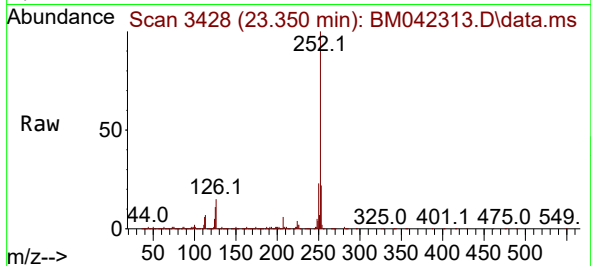




#91
Benzo(k)fluoranthene
Concen: 36.782 ng/ul
RT: 23.350 min Scan# 3429
Delta R.T. -0.006 min
Lab File: BM042313.D
Acq: 16 Oct 2023 23:52

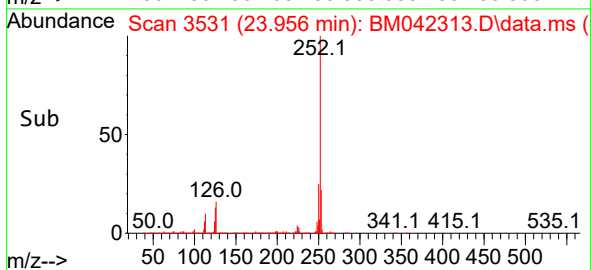
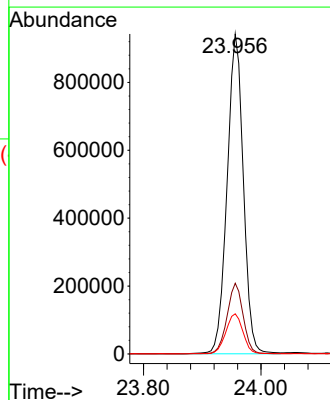
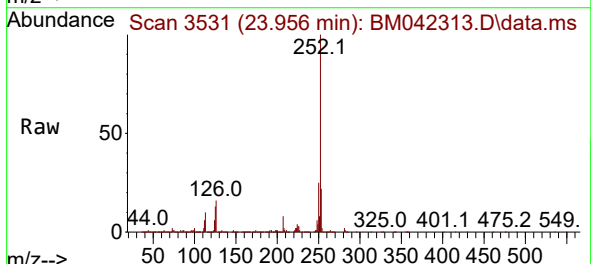
Instrument :
BNA_M
ClientSampleId :
SSTD020131

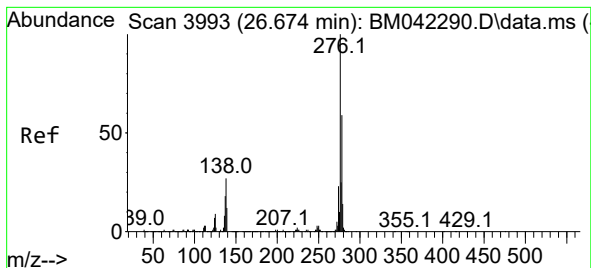
Tgt Ion:252 Resp: 2045296
Ion Ratio Lower Upper
252 100
253 21.8 17.7 26.5
125 10.6 9.8 14.6



#93
Benzo(a)pyrene
Concen: 34.334 ng/ul
RT: 23.956 min Scan# 3531
Delta R.T. -0.006 min
Lab File: BM042313.D
Acq: 16 Oct 2023 23:52

Tgt Ion:252 Resp: 1806424
Ion Ratio Lower Upper
252 100
253 22.1 17.3 25.9
125 12.6 10.8 16.2





#94

Indeno(1,2,3-cd)pyrene

Concen: 34.692 ng/ul

RT: 26.668 min Scan# 3992

Delta R.T. -0.006 min

Lab File: BM042313.D

Acq: 16 Oct 2023 23:52

Instrument :

BNA_M

ClientSampleId :

SSTD020131

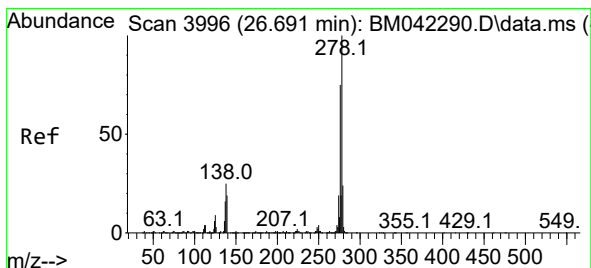
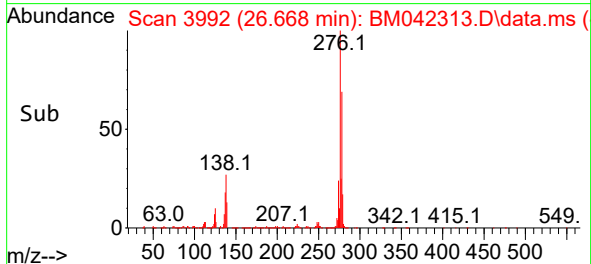
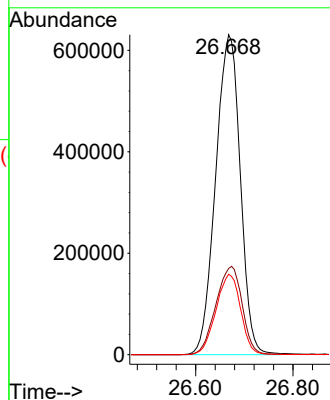
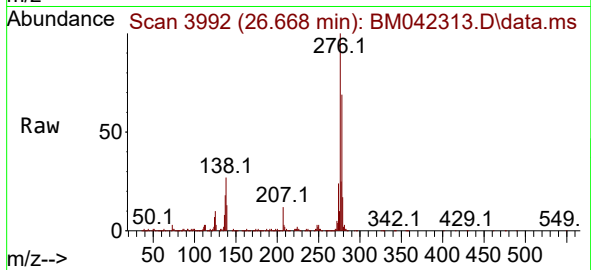
Tgt Ion:276 Resp: 2216857

Ion Ratio Lower Upper

276 100

138 27.0 22.8 34.2

277 25.2 20.0 30.0



#95

Dibenzo(a,h)anthracene

Concen: 34.930 ng/ul

RT: 26.685 min Scan# 3995

Delta R.T. -0.006 min

Lab File: BM042313.D

Acq: 16 Oct 2023 23:52

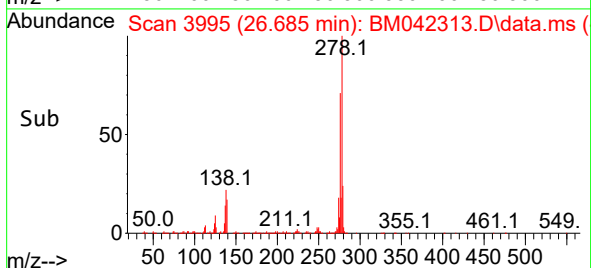
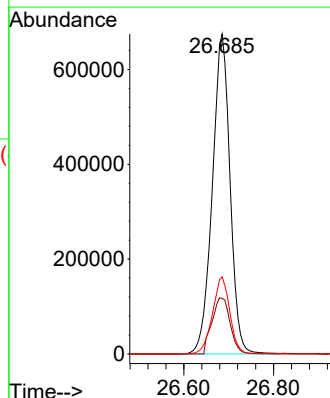
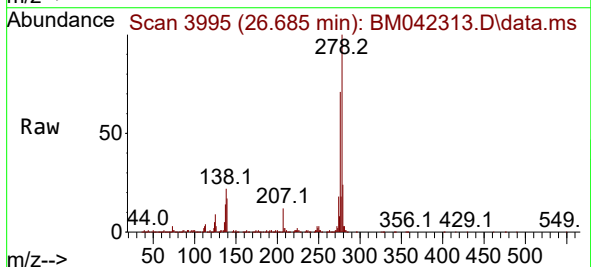
Tgt Ion:278 Resp: 1851566

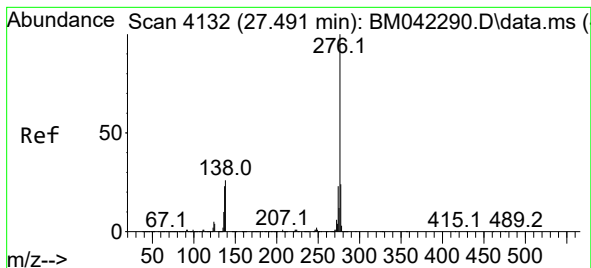
Ion Ratio Lower Upper

278 100

139 17.4 15.8 23.8

279 24.1 19.1 28.7





#96

Benzo(g,h,i)perylene

Concen: 33.959 ng/ul

RT: 27.479 min Scan# 41

Delta R.T. -0.012 min

Lab File: BM042313.D

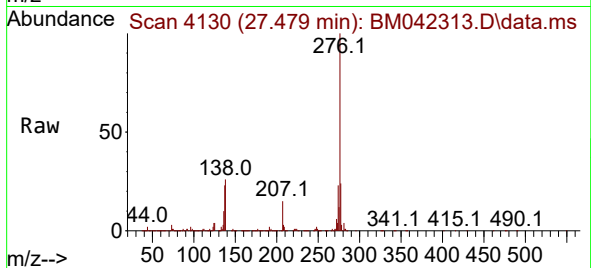
Acq: 16 Oct 2023 23:52

Instrument :

BNA_M

ClientSampleId :

SSTD020131



Tgt Ion:276 Resp: 1697483

Ion Ratio Lower Upper

276 100

138 25.9 22.1 33.1

277 23.9 19.4 29.0

