

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM103123\
 Data File : BM042513.D
 Acq On : 31 Oct 2023 16:31
 Operator : MA/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC040

Quant Time: Nov 01 01:43:42 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM103023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 31 02:55:18 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.922	152	94477	20.000	ng	0.00
21) Naphthalene-d8	10.745	136	381093	20.000	ng	0.00
39) Acenaphthene-d10	14.574	164	228491	20.000	ng	0.00
64) Phenanthrene-d10	17.321	188	472148	20.000	ng	0.00
76) Chrysene-d12	21.503	240	420687	20.000	ng	0.00
86) Perylene-d12	23.921	264	436170	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.457	112	459934	78.567	ng	0.00
7) Phenol-d6	7.092	99	653697	81.421	ng	0.00
23) Nitrobenzene-d5	9.128	82	723214	88.466	ng	0.00
42) 2,4,6-Tribromophenol	16.068	330	256494	85.981	ng	0.00
45) 2-Fluorobiphenyl	13.198	172	1510357	88.946	ng	0.00
79) Terphenyl-d14	19.939	244	2345066	94.519	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.316	88	101848	36.506	ng	96
3) Pyridine	3.746	79	303551	37.929	ng	98
4) n-Nitrosodimethylamine	3.669	42	160595	41.698	ng	92
6) Aniline	7.269	93	407543	39.934	ng	98
8) 2-Chlorophenol	7.481	128	248680	39.396	ng	98
9) Benzaldehyde	7.087	77	190023	41.067	ng	98
10) Phenol	7.122	94	324752	39.828	ng	98
11) bis(2-Chloroethyl)ether	7.363	93	270307	39.186	ng	97
12) 1,3-Dichlorobenzene	7.804	146	267905	39.271	ng	98
13) 1,4-Dichlorobenzene	7.963	146	268422	38.878	ng	98
14) 1,2-Dichlorobenzene	8.269	146	260651	39.102	ng	97
15) Benzyl Alcohol	8.192	79	242262	42.623	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.439	45	229665	20.922	ng	100
17) 2-Methylphenol	8.375	107	232499	40.270	ng	97
18) Hexachloroethane	8.986	117	110346	40.846	ng	96
19) n-Nitroso-di-n-propyla...	8.745	70	242426	42.684	ng	96
20) 3+4-Methylphenols	8.710	107	319475	41.388	ng	98
22) Acetophenone	8.781	105	409864	42.644	ng	# 99
24) Nitrobenzene	9.169	77	346074	42.980	ng	100
25) Isophorone	9.686	82	627785	43.386	ng	99
26) 2-Nitrophenol	9.869	139	138387	40.971	ng	97
27) 2,4-Dimethylphenol	9.910	122	235504	42.544	ng	96
28) bis(2-Chloroethoxy)met...	10.169	93	371009	42.560	ng	100
29) 2,4-Dichlorophenol	10.392	162	242387	44.254	ng	98
30) 1,2,4-Trichlorobenzene	10.592	180	258296	43.031	ng	100
31) Naphthalene	10.792	128	820586	41.677	ng	99
32) Benzoic acid	10.075	122	175080	39.668	ng	96
33) 4-Chloroaniline	10.933	127	333710	43.468	ng	98
34) Hexachlorobutadiene	11.016	225	164677	45.186	ng	98
35) Caprolactam	11.792	113	75080	39.015	ng	98
36) 4-Chloro-3-methylphenol	12.039	107	266069	42.685	ng	99
37) 2-Methylnaphthalene	12.398	142	586886	42.324	ng	98
38) 1-Methylnaphthalene	12.621	142	549971	42.137	ng	99
40) 1,2,4,5-Tetrachloroben...	12.751	216	303687	44.489	ng	100
41) Hexachlorocyclopentadiene	12.692	237	162789	42.846	ng	99
43) 2,4,6-Trichlorophenol	13.010	196	195599	44.738	ng	98

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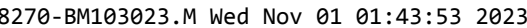
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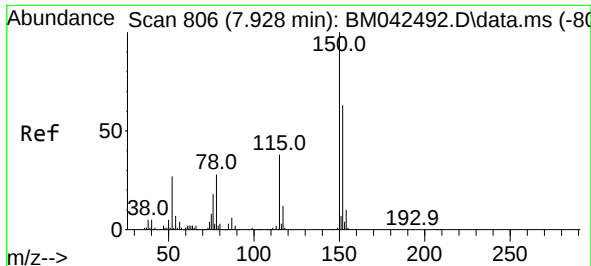
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 QLast Update : Tue Oct 31 02:55:18 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.080	196	227097	43.650	ng	98
46) 1,1'-Biphenyl	13.410	154	748778	42.870	ng	99
47) 2-Chloronaphthalene	13.457	162	542608	42.347	ng	100
48) 2-Nitroaniline	13.698	65	198899	39.348	ng	99
49) Acenaphthylene	14.304	152	898564	42.343	ng	99
50) Dimethylphthalate	14.045	163	714034	41.811	ng	99
51) 2,6-Dinitrotoluene	14.186	165	148754	42.264	ng	97
52) Acenaphthene	14.639	154	535826	41.605	ng	100
53) 3-Nitroaniline	14.527	138	146855	38.186	ng	99
54) 2,4-Dinitrophenol	14.727	184	85727	38.748	ng	95
55) Dibenzofuran	14.974	168	887298	42.374	ng	99
56) 4-Nitrophenol	14.827	139	104260	36.719	ng	97
57) 2,4-Dinitrotoluene	14.968	165	203357	38.945	ng	98
58) Fluorene	15.621	166	714899	42.196	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.192	232	187473	42.781	ng	99
60) Diethylphthalate	15.392	149	721450	41.699	ng	100
61) 4-Chlorophenyl-phenyle...	15.615	204	379251	44.308	ng	95
62) 4-Nitroaniline	15.692	138	129973	38.199	ng	91
63) Azobenzene	15.910	77	826535	43.352	ng	98
65) 4,6-Dinitro-2-methylph...	15.715	198	123178	41.484	ng	94
66) n-Nitrosodiphenylamine	15.839	169	593131	44.553	ng	98
67) 4-Bromophenyl-phenylether	16.509	248	217591	46.088	ng	98
68) Hexachlorobenzene	16.592	284	232794	44.571	ng	98
69) Atrazine	16.792	200	163098	42.399	ng	99
70) Pentachlorophenol	16.956	266	165456	43.089	ng	99
71) Phenanthrene	17.368	178	1038672	42.096	ng	99
72) Anthracene	17.456	178	1057997	43.291	ng	100
73) Carbazole	17.745	167	892226	44.876	ng	100
74) Di-n-butylphthalate	18.268	149	1233432	44.177	ng	99
75) Fluoranthene	19.380	202	1213892	41.882	ng	99
77) Benzidine	19.592	184	215865	53.494	ng	100
78) Pyrene	19.745	202	1271221	44.006	ng	99
80) Butylbenzylphthalate	20.627	149	552739	44.800	ng	97
81) Benzo(a)anthracene	21.491	228	1145240	42.787	ng	100
82) 3,3'-Dichlorobenzidine	21.433	252	379485	44.610	ng	99
83) Chrysene	21.544	228	1121979	41.266	ng	100
84) Bis(2-ethylhexyl)phtha...	21.374	149	817529	43.844	ng	100
85) Di-n-octyl phthalate	22.303	149	1368228	42.630	ng	99
87) Indeno(1,2,3-cd)pyrene	26.450	276	1100493	42.392	ng	98
88) Benzo(b)fluoranthene	23.180	252	1025141	42.187	ng	99
89) Benzo(k)fluoranthene	23.227	252	1098770	40.579	ng	99
90) Benzo(a)pyrene	23.815	252	994388	41.565	ng	99
91) Dibenzo(a,h)anthracene	26.468	278	892557	38.171	ng	98
92) Benzo(g,h,i)perylene	27.244	276	949847	41.515	ng	98

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

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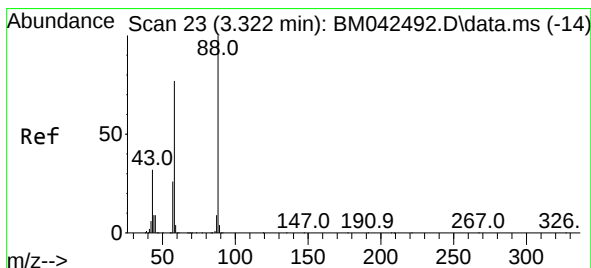
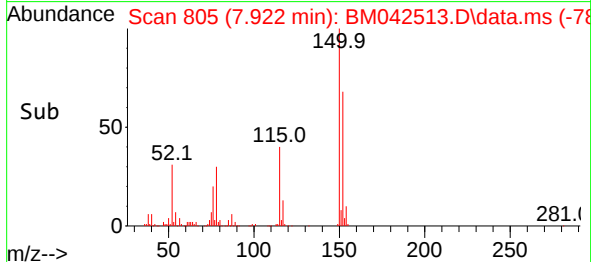
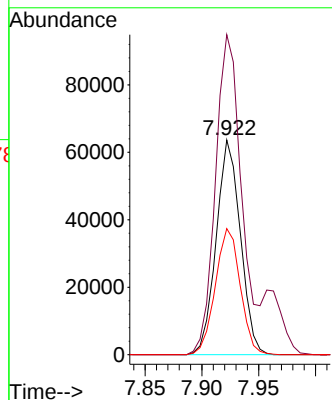
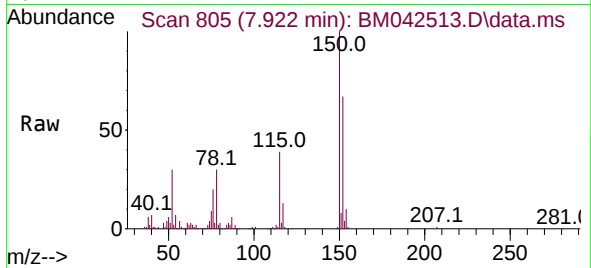




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.922 min Scan# 80
Delta R.T. -0.006 min
Lab File: BM042513.D
Acq: 31 Oct 2023 16:31

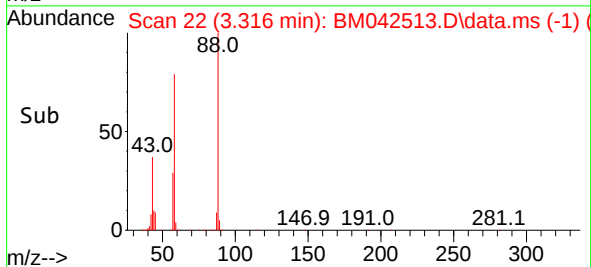
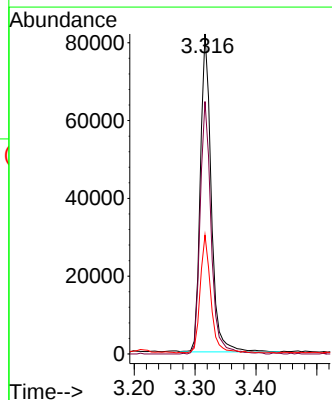
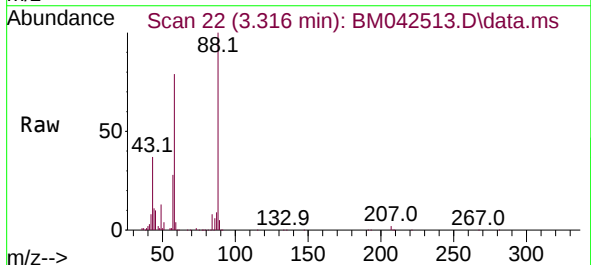
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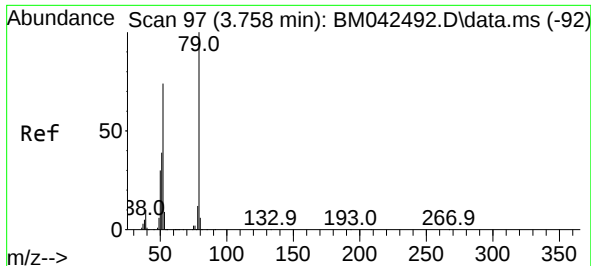
Tgt Ion:152 Resp: 94477
Ion Ratio Lower Upper
152 100
150 149.0 127.4 191.0
115 58.7 47.9 71.9



#2
1,4-Dioxane
Concen: 36.506 ng
RT: 3.316 min Scan# 22
Delta R.T. -0.006 min
Lab File: BM042513.D
Acq: 31 Oct 2023 16:31

Tgt Ion: 88 Resp: 101848
Ion Ratio Lower Upper
88 100
58 80.5 62.6 93.8
43 36.7 26.5 39.7

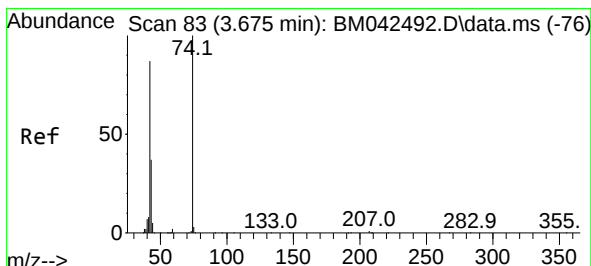
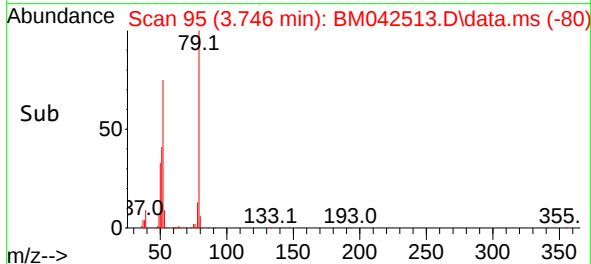
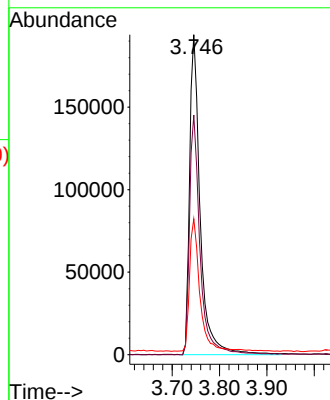
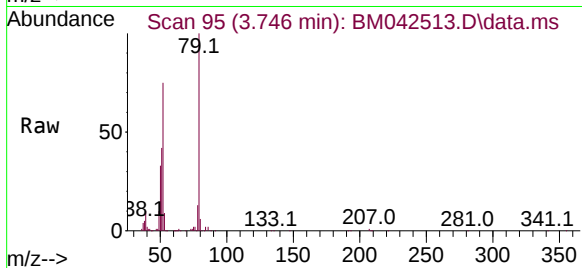




#3
 Pyridine
 Concen: 37.929 ng
 RT: 3.746 min Scan# 91
 Delta R.T. -0.012 min
 Lab File: BM042513.D
 Acq: 31 Oct 2023 16:31

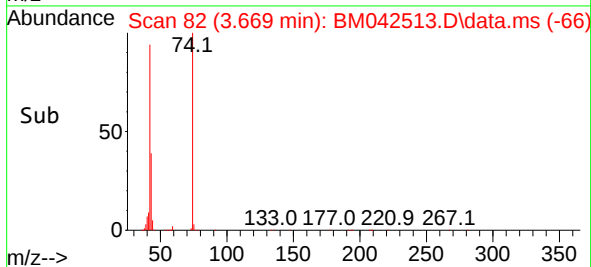
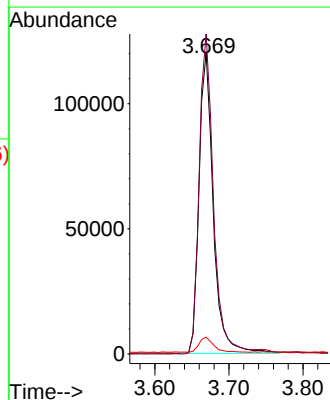
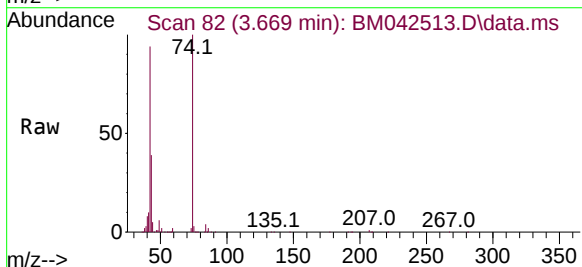
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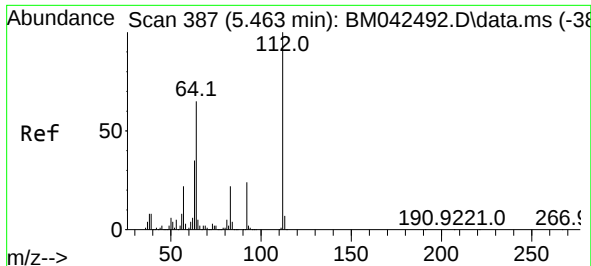
Tgt Ion: 79 Resp: 303551
 Ion Ratio Lower Upper
 79 100
 52 74.9 59.3 88.9
 51 42.5 32.7 49.1



#4
 n-Nitrosodimethylamine
 Concen: 41.698 ng
 RT: 3.669 min Scan# 82
 Delta R.T. -0.006 min
 Lab File: BM042513.D
 Acq: 31 Oct 2023 16:31

Tgt Ion: 42 Resp: 160595
 Ion Ratio Lower Upper
 42 100
 74 106.3 92.2 138.2
 44 5.6 5.1 7.7

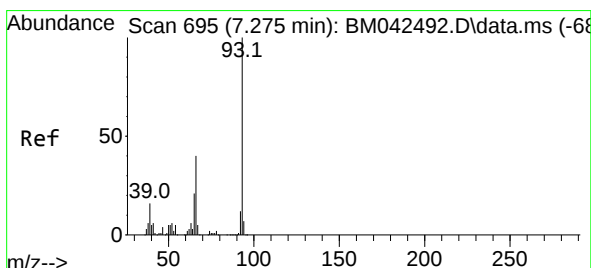
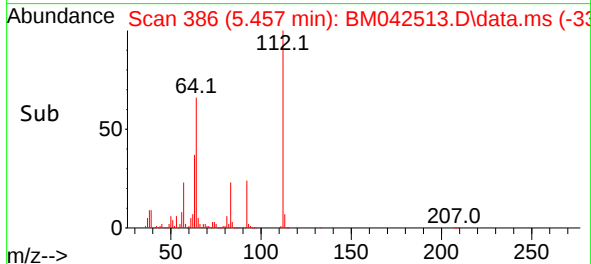
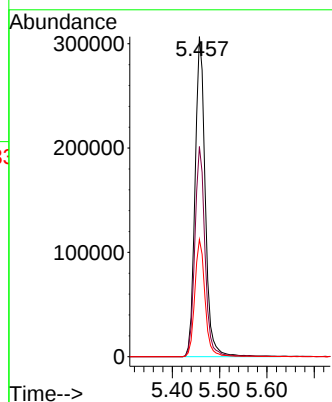
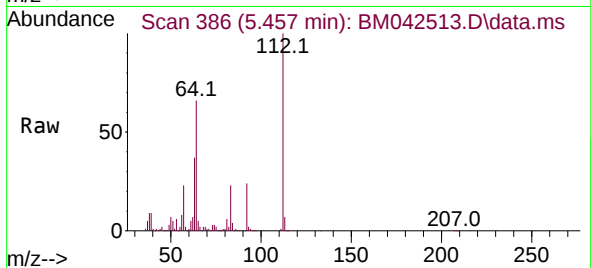




#5
2-Fluorophenol
Concen: 78.567 ng
RT: 5.457 min Scan# 387
Delta R.T. -0.006 min
Lab File: BM042513.D
Acq: 31 Oct 2023 16:31

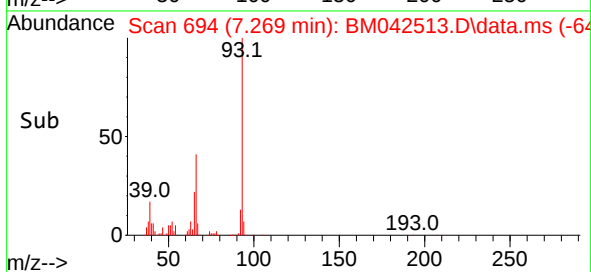
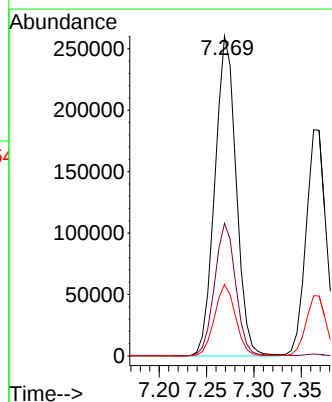
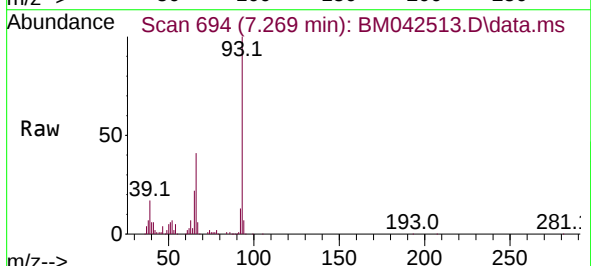
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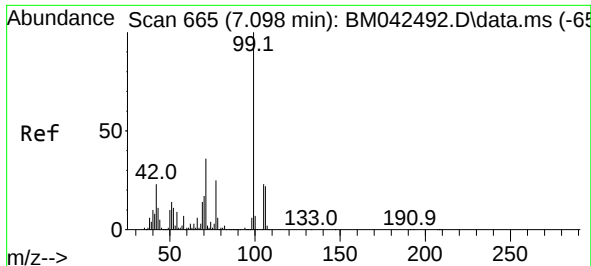
Tgt Ion:112 Resp: 459934
Ion Ratio Lower Upper
112 100
64 65.6 52.1 78.1
63 36.6 28.3 42.5



#6
Aniline
Concen: 39.934 ng
RT: 7.269 min Scan# 694
Delta R.T. -0.006 min
Lab File: BM042513.D
Acq: 31 Oct 2023 16:31

Tgt Ion: 93 Resp: 407543
Ion Ratio Lower Upper
93 100
66 41.4 32.2 48.2
65 22.4 17.0 25.6

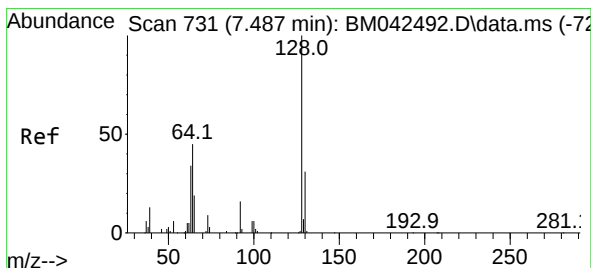
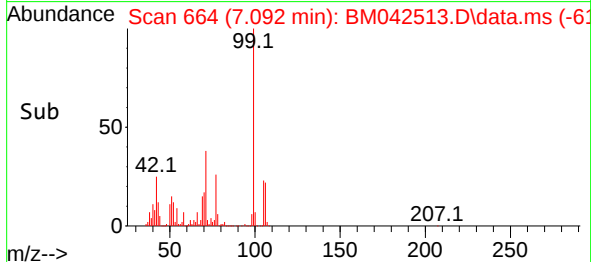
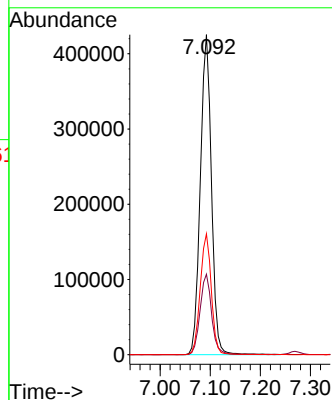
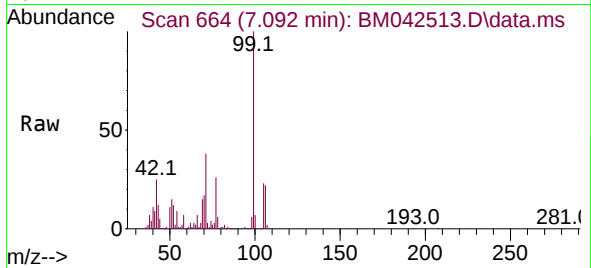




#7
Phenol-d6
Concen: 81.421 ng
RT: 7.092 min Scan# 6
Delta R.T. -0.006 min
Lab File: BM042513.D
Acq: 31 Oct 2023 16:31

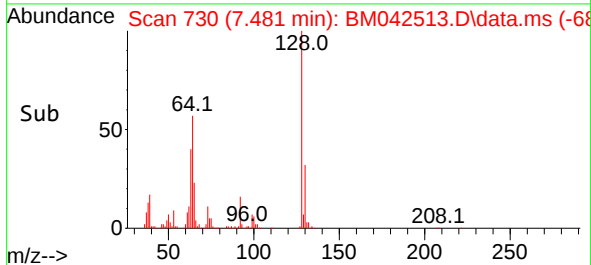
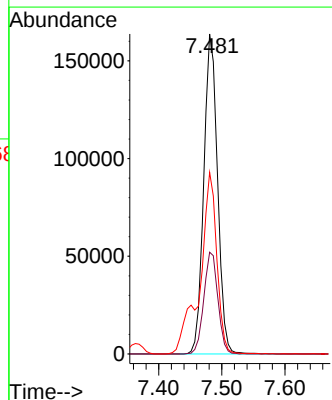
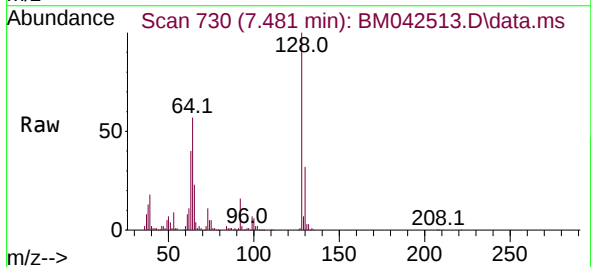
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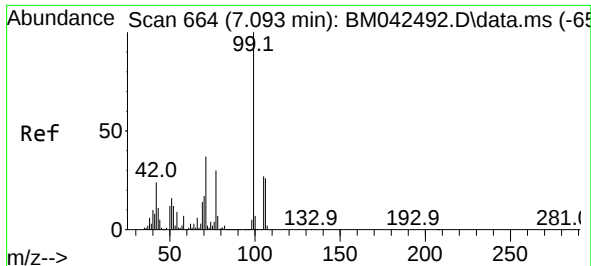
Tgt Ion: 99 Resp: 653697
Ion Ratio Lower Upper
99 100
42 25.2 18.7 28.1
71 37.8 29.1 43.7



#8
2-Chlorophenol
Concen: 39.396 ng
RT: 7.481 min Scan# 730
Delta R.T. -0.006 min
Lab File: BM042513.D
Acq: 31 Oct 2023 16:31

Tgt Ion:128 Resp: 248680
Ion Ratio Lower Upper
128 100
130 31.8 11.2 51.2
64 56.8 34.4 74.4

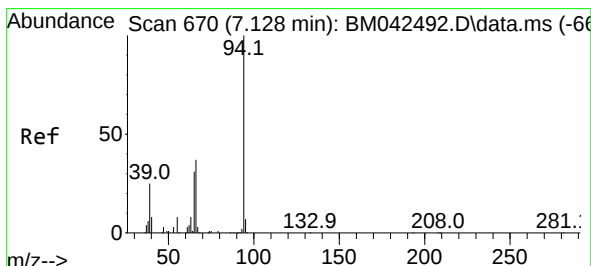
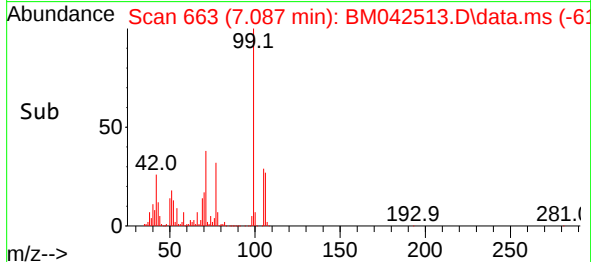
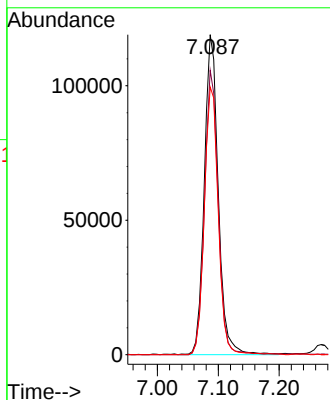
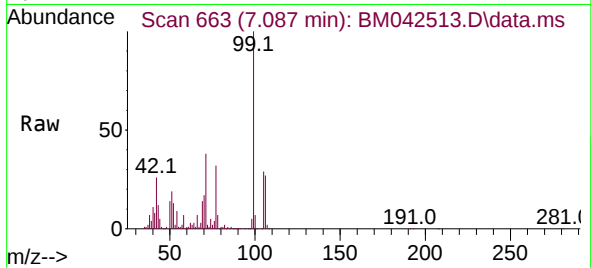




#9
Benzaldehyde
Concen: 41.067 ng
RT: 7.087 min Scan# 664
Delta R.T. -0.006 min
Lab File: BM042513.D
Acq: 31 Oct 2023 16:31

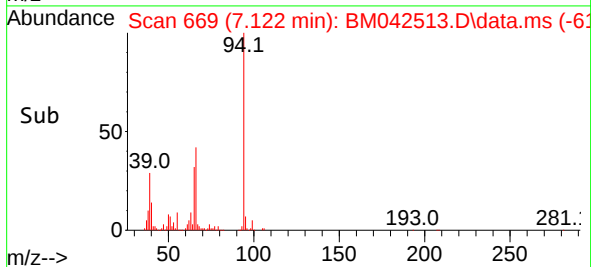
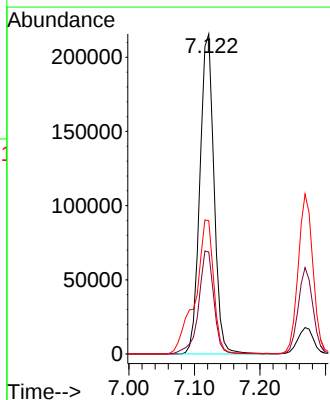
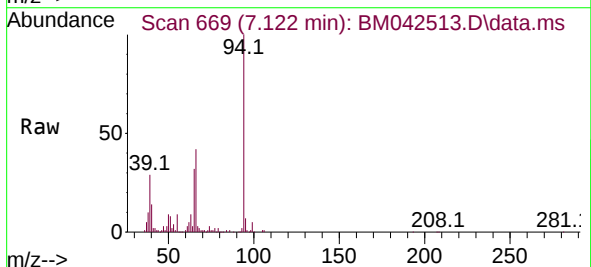
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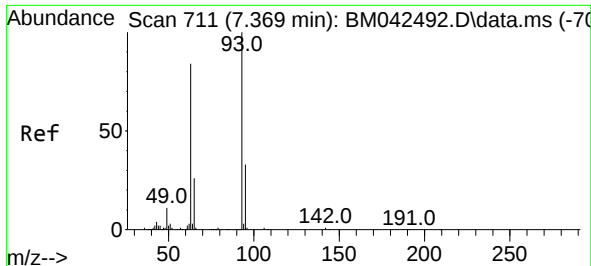
Tgt Ion: 77 Resp: 190023
Ion Ratio Lower Upper
77 100
105 88.8 69.7 109.7
106 83.7 66.4 106.4



#10
Phenol
Concen: 39.828 ng
RT: 7.122 min Scan# 669
Delta R.T. -0.006 min
Lab File: BM042513.D
Acq: 31 Oct 2023 16:31

Tgt Ion: 94 Resp: 324752
Ion Ratio Lower Upper
94 100
65 31.8 11.5 51.5
66 41.7 20.0 60.0

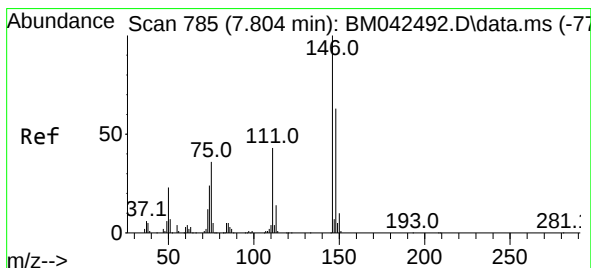
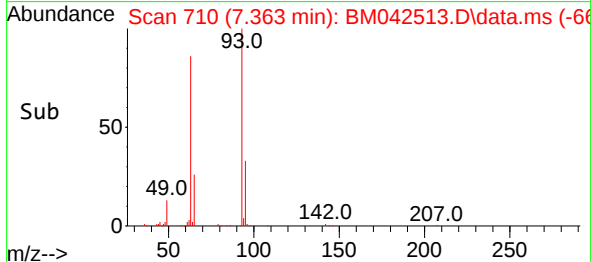
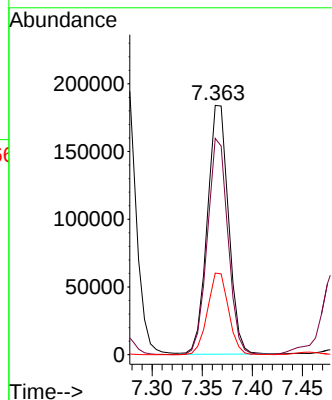
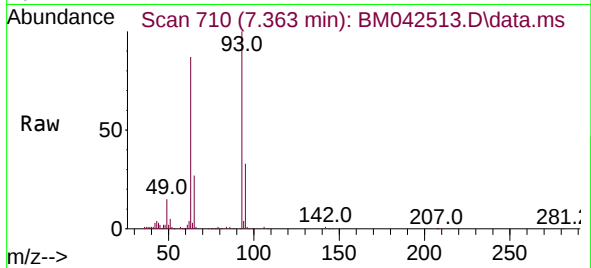




#11
bis(2-Chloroethyl)ether
Concen: 39.186 ng
RT: 7.363 min Scan# 711
Delta R.T. -0.006 min
Lab File: BM042513.D
Acq: 31 Oct 2023 16:31

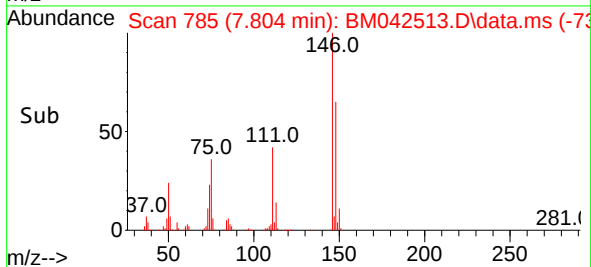
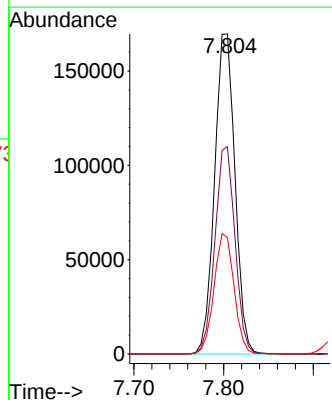
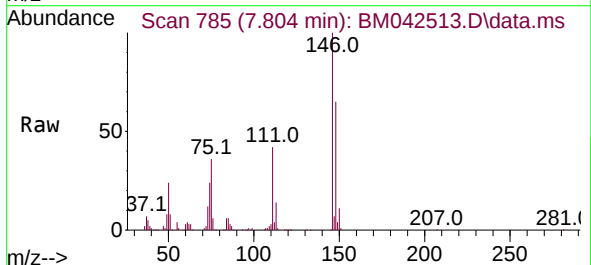
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

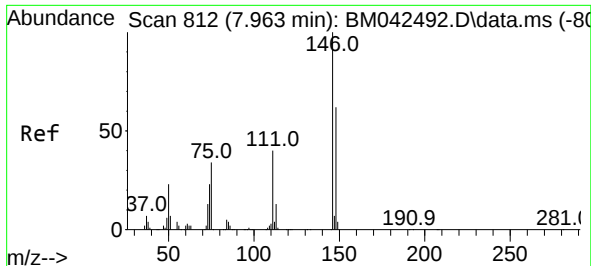
Tgt Ion: 93 Resp: 270307
Ion Ratio Lower Upper
93 100
63 86.8 63.2 103.2
95 32.7 12.3 52.3



#12
1,3-Dichlorobenzene
Concen: 39.271 ng
RT: 7.804 min Scan# 785
Delta R.T. -0.000 min
Lab File: BM042513.D
Acq: 31 Oct 2023 16:31

Tgt Ion:146 Resp: 267905
Ion Ratio Lower Upper
146 100
148 64.8 50.4 75.6
75 36.4 28.9 43.3





#13

1,4-Dichlorobenzene

Concen: 38.878 ng

RT: 7.963 min Scan# 812

Delta R.T. -0.000 min

Lab File: BM042513.D

Acq: 31 Oct 2023 16:31

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

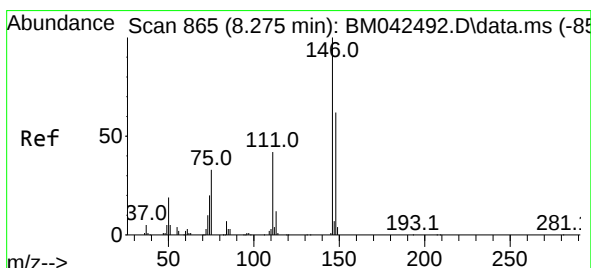
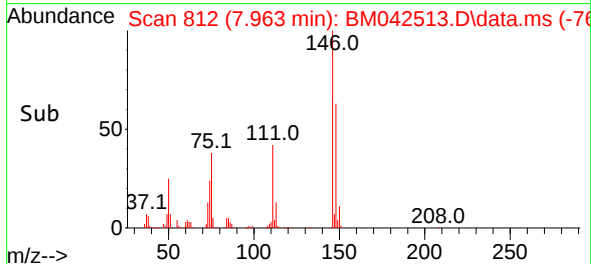
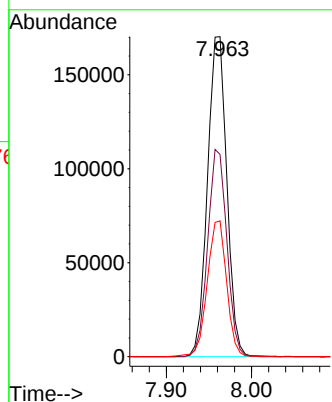
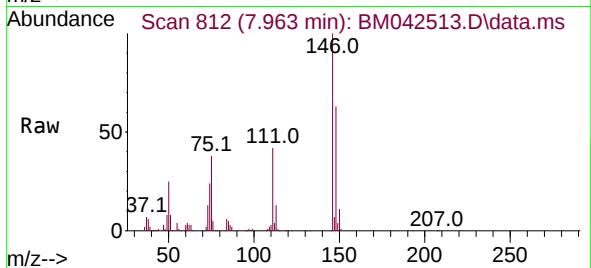
Tgt Ion:146 Resp: 268422

Ion Ratio Lower Upper

146 100

148 63.2 50.0 75.0

111 42.4 32.5 48.7



#14

1,2-Dichlorobenzene

Concen: 39.102 ng

RT: 8.269 min Scan# 864

Delta R.T. -0.006 min

Lab File: BM042513.D

Acq: 31 Oct 2023 16:31

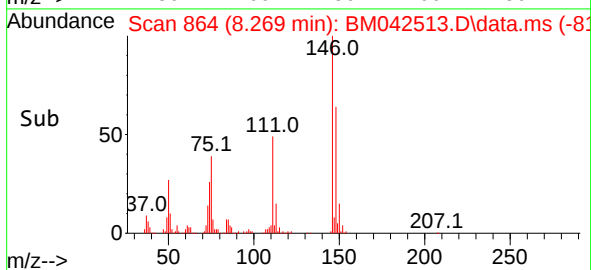
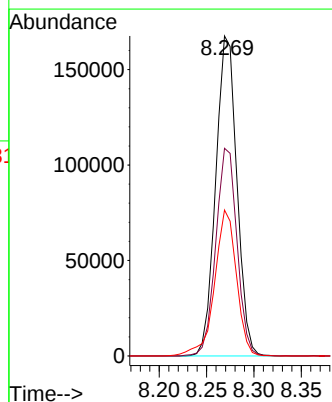
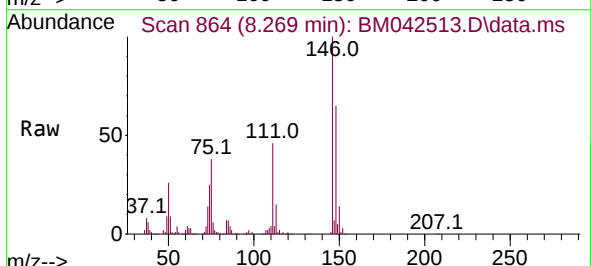
Tgt Ion:146 Resp: 260651

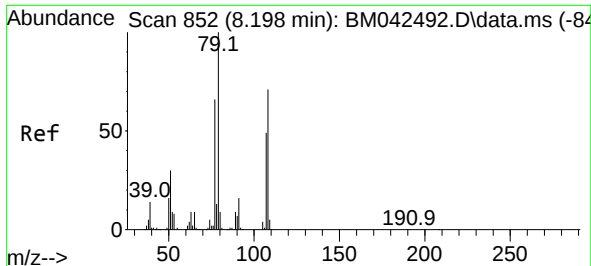
Ion Ratio Lower Upper

146 100

148 64.9 50.0 75.0

111 45.6 34.5 51.7

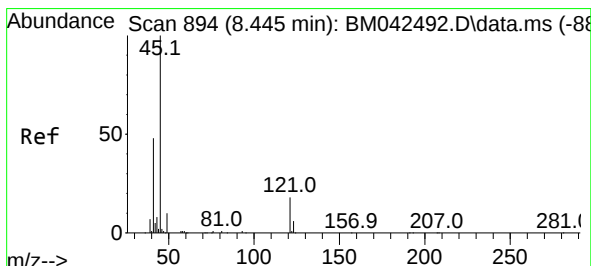
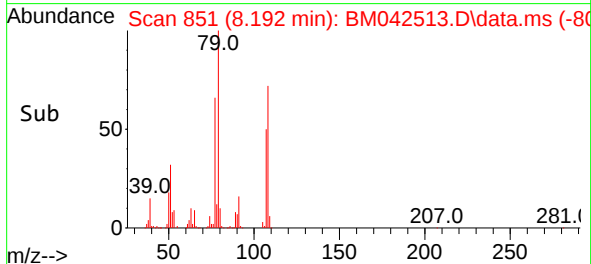
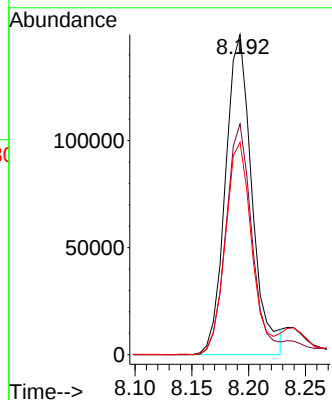
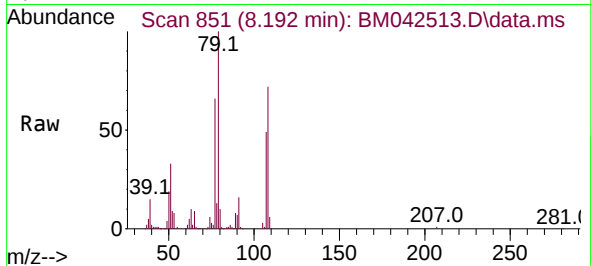




#15
Benzyl Alcohol
Concen: 42.623 ng
RT: 8.192 min Scan# 81
Delta R.T. -0.006 min
Lab File: BM042513.D
Acq: 31 Oct 2023 16:31

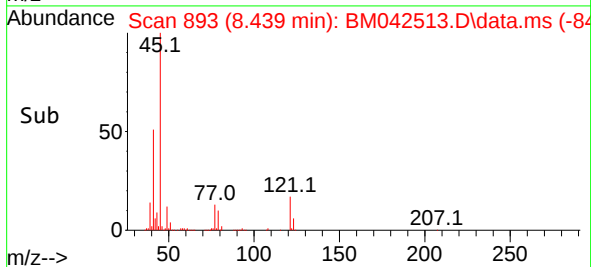
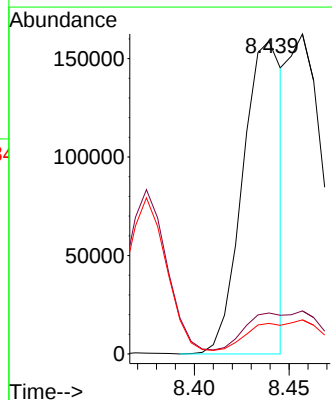
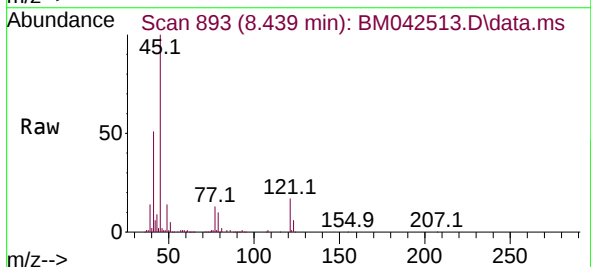
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

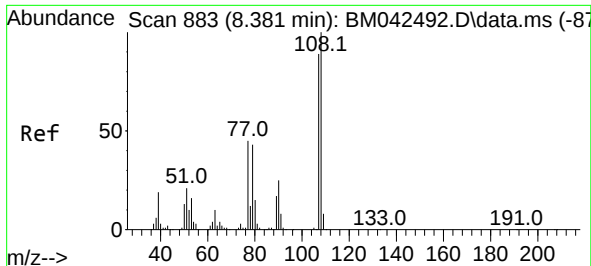
Tgt Ion: 79 Resp: 242262
Ion Ratio Lower Upper
79 100
108 72.2 56.8 85.2
77 66.4 53.0 79.4



#16
2,2'-oxybis(1-Chloropropane)
Concen: 20.922 ng
RT: 8.439 min Scan# 893
Delta R.T. -0.006 min
Lab File: BM042513.D
Acq: 31 Oct 2023 16:31

Tgt Ion: 45 Resp: 229665
Ion Ratio Lower Upper
45 100
77 13.1 0.0 33.0
79 9.8 0.0 29.5





#17

2-Methylphenol

Concen: 40.270 ng

RT: 8.375 min Scan# 8

Delta R.T. -0.006 min

Lab File: BM042513.D

Acq: 31 Oct 2023 16:31

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

Tgt Ion:107 Resp: 232499

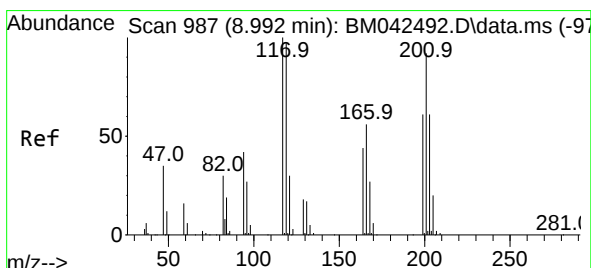
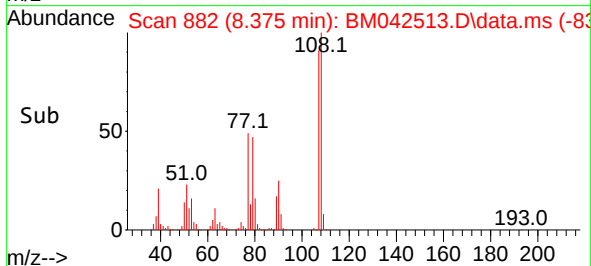
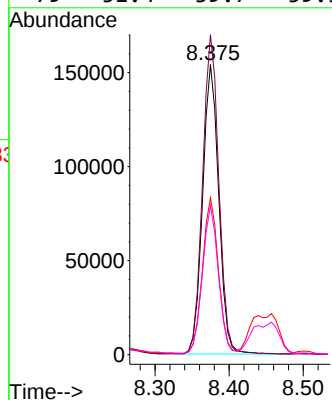
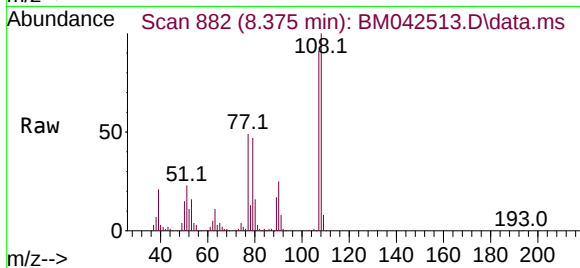
Ion Ratio Lower Upper

107 100

108 110.3 90.4 135.6

77 54.1 40.6 60.8

79 51.4 39.7 59.5



#18

Hexachloroethane

Concen: 40.846 ng

RT: 8.986 min Scan# 986

Delta R.T. -0.006 min

Lab File: BM042513.D

Acq: 31 Oct 2023 16:31

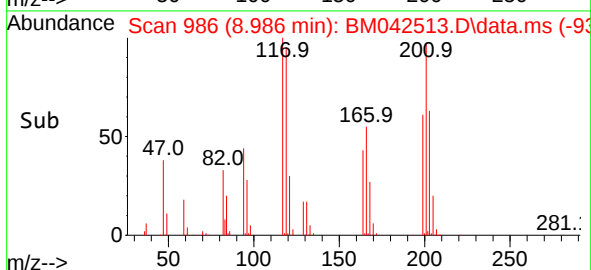
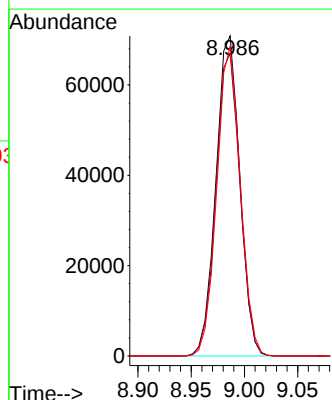
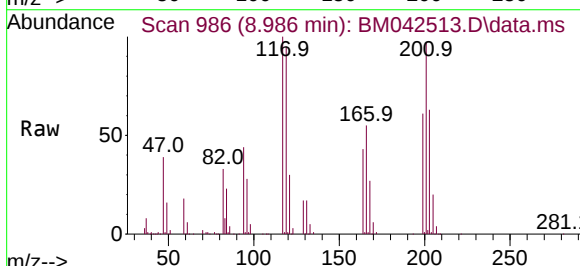
Tgt Ion:117 Resp: 110346

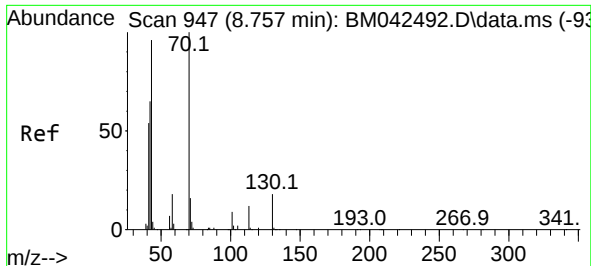
Ion Ratio Lower Upper

117 100

119 94.5 77.9 116.9

201 96.7 73.7 110.5

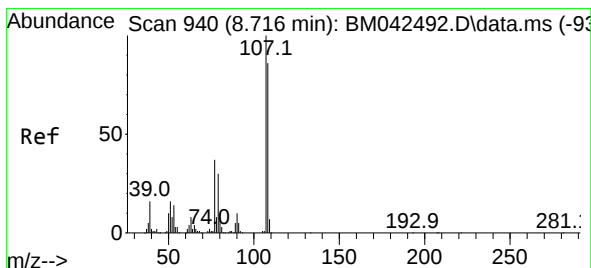
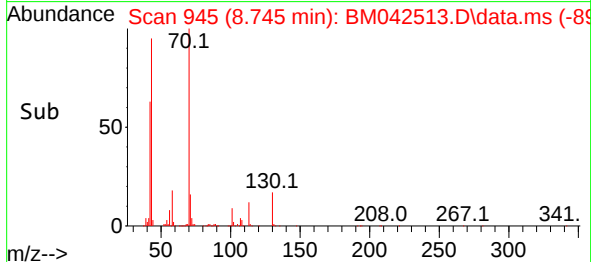
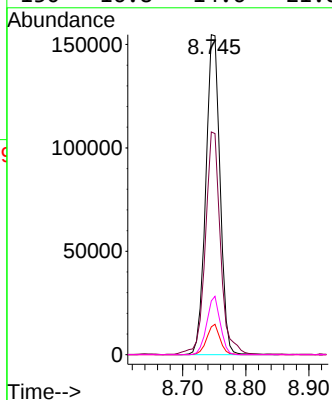
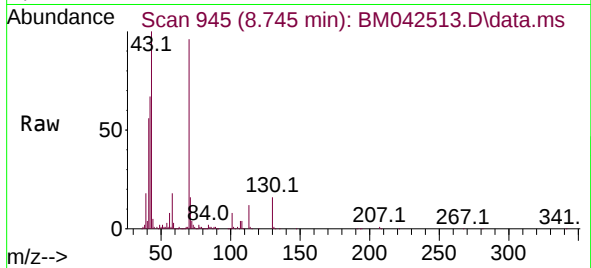




#19
n-Nitroso-di-n-propylamine
Concen: 42.684 ng
RT: 8.745 min Scan# 947
Delta R.T. -0.012 min
Lab File: BM042513.D
Acq: 31 Oct 2023 16:31

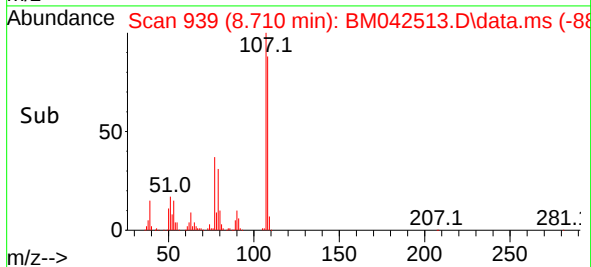
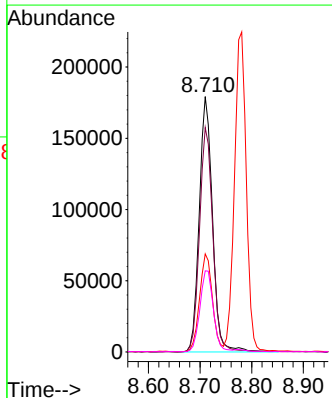
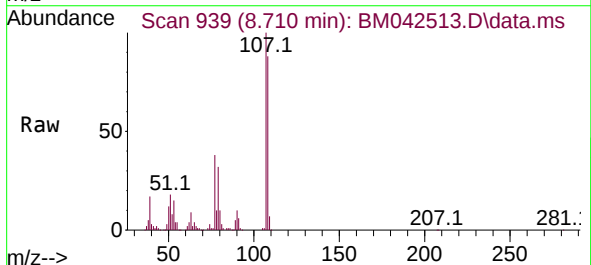
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

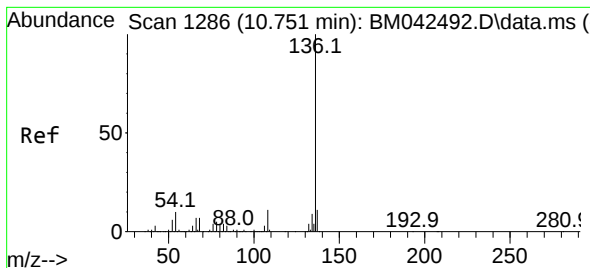
Tgt Ion: 70	Resp: 242426
Ion Ratio	Lower Upper
70 100	
42 69.6	52.5 78.7
101 8.7	7.0 10.4
130 16.8	14.6 21.8



#20
3+4-Methylphenols
Concen: 41.388 ng
RT: 8.710 min Scan# 939
Delta R.T. -0.006 min
Lab File: BM042513.D
Acq: 31 Oct 2023 16:31

Tgt	Ion:107	Resp:	319475
Ion	Ratio	Lower	Upper
107	100		
108	87.8	66.4	106.4
77	38.4	17.6	57.6
79	31.8	10.2	50.2

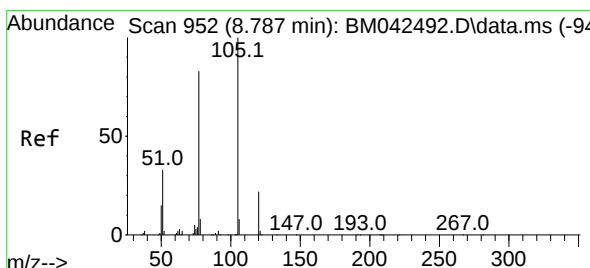
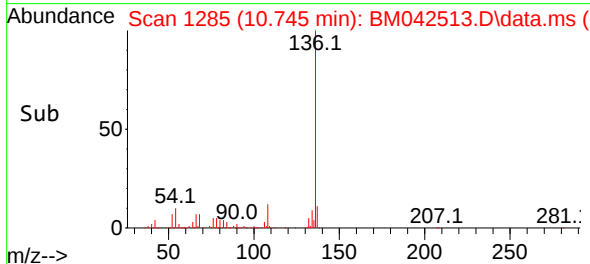
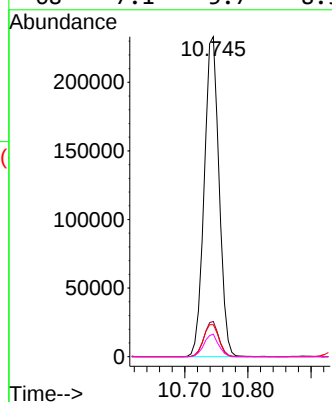
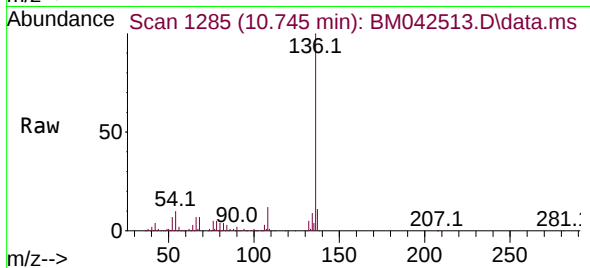




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.745 min Scan# 11
Delta R.T. -0.006 min
Lab File: BM042513.D
Acq: 31 Oct 2023 16:31

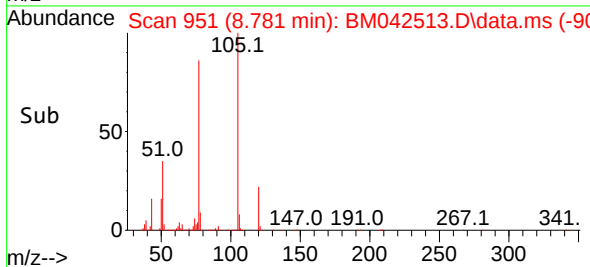
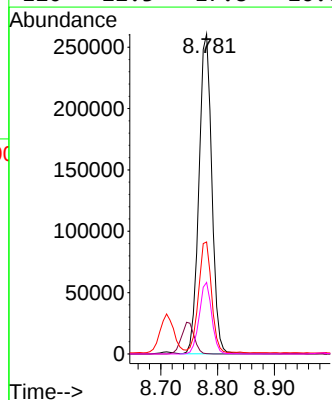
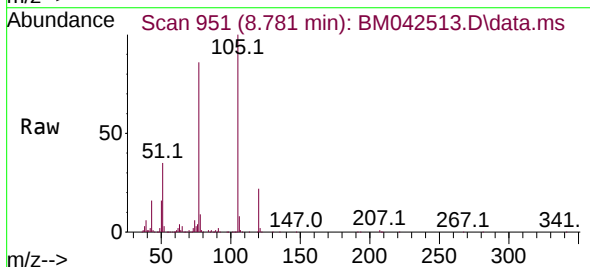
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

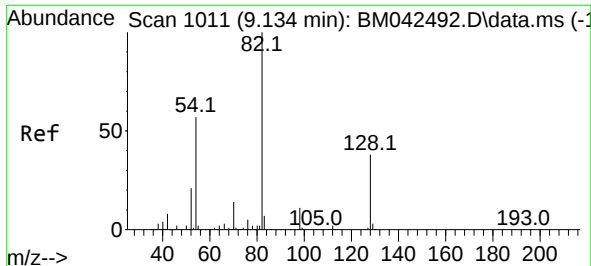
Tgt Ion:136 Resp: 381093
Ion Ratio Lower Upper
136 100
137 11.0 9.0 13.6
54 10.0 8.0 12.0
68 7.1 5.7 8.5



#22
Acetophenone
Concen: 42.644 ng
RT: 8.781 min Scan# 951
Delta R.T. -0.006 min
Lab File: BM042513.D
Acq: 31 Oct 2023 16:31

Tgt Ion:105 Resp: 409864
Ion Ratio Lower Upper
105 100
71 0.1 0.2 0.2#
51 35.0 27.6 41.4
120 22.3 17.8 26.6

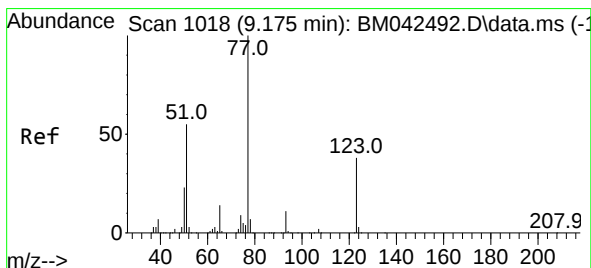
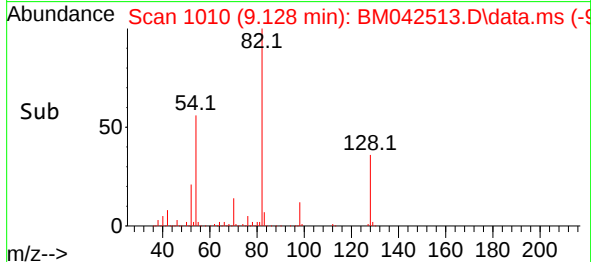
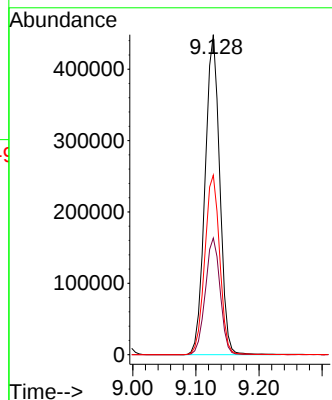
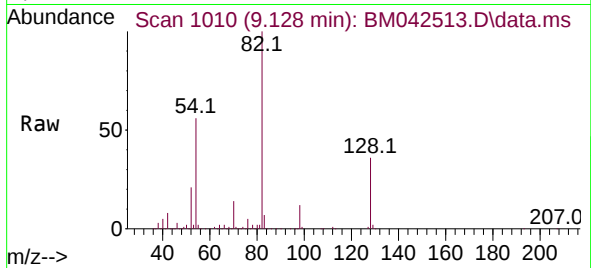




#23
Nitrobenzene-d5
Concen: 88.466 ng
RT: 9.128 min Scan# 1010
Delta R.T. -0.006 min
Lab File: BM042513.D
Acq: 31 Oct 2023 16:31

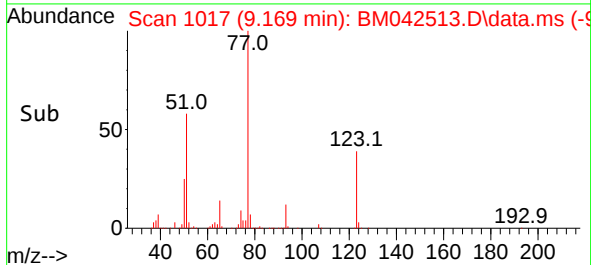
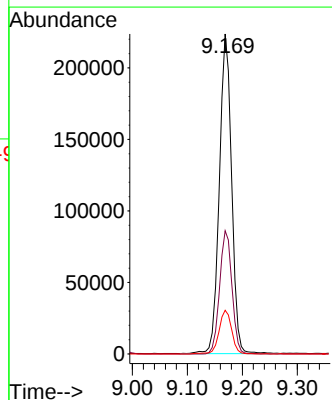
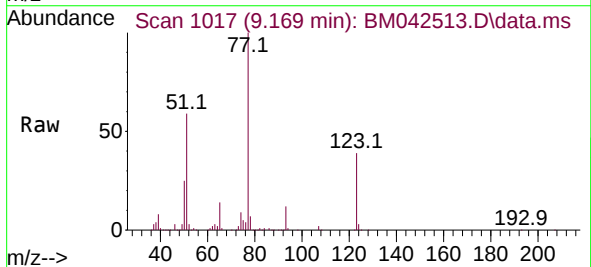
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

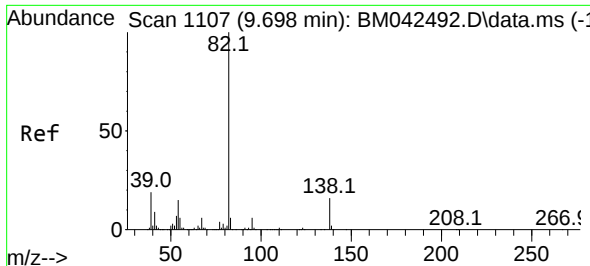
Tgt Ion: 82 Resp: 723214
Ion Ratio Lower Upper
82 100
128 36.5 30.7 46.1
54 56.1 45.3 67.9



#24
Nitrobenzene
Concen: 42.980 ng
RT: 9.169 min Scan# 1017
Delta R.T. -0.006 min
Lab File: BM042513.D
Acq: 31 Oct 2023 16:31

Tgt Ion: 77 Resp: 346074
Ion Ratio Lower Upper
77 100
123 38.5 30.6 46.0
65 13.7 10.8 16.2

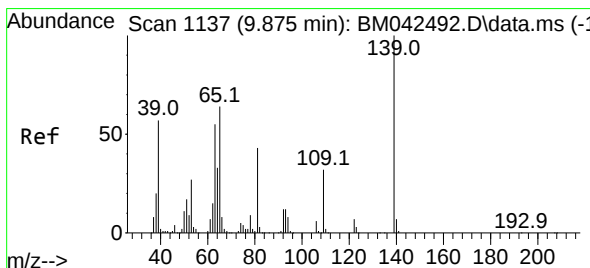
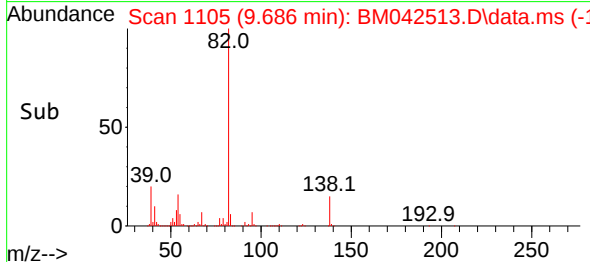
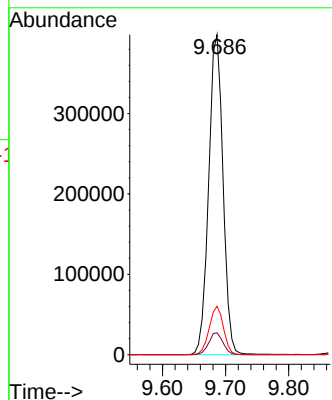
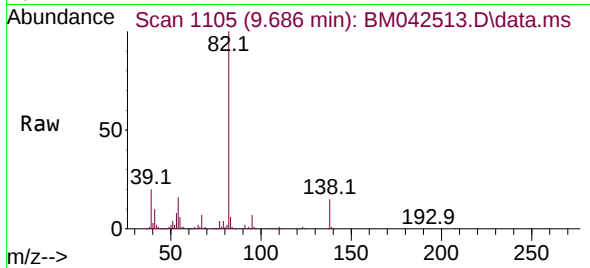




#25
Isophorone
Concen: 43.386 ng
RT: 9.686 min Scan# 1105
Delta R.T. -0.012 min
Lab File: BM042513.D
Acq: 31 Oct 2023 16:31

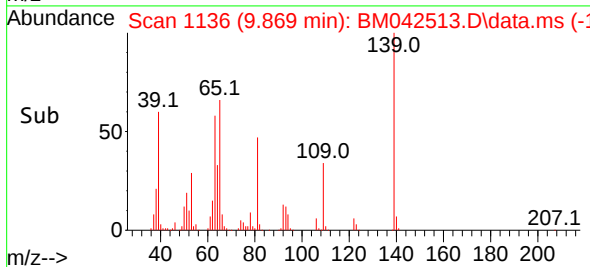
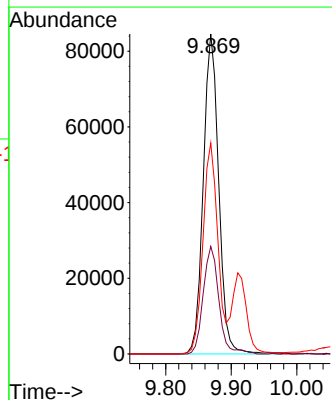
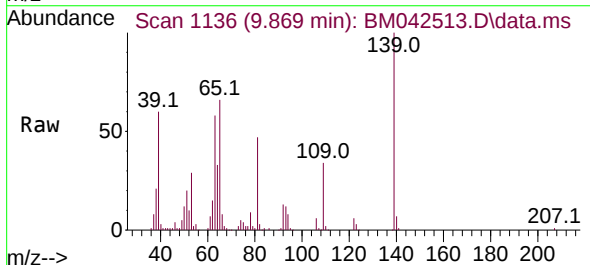
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

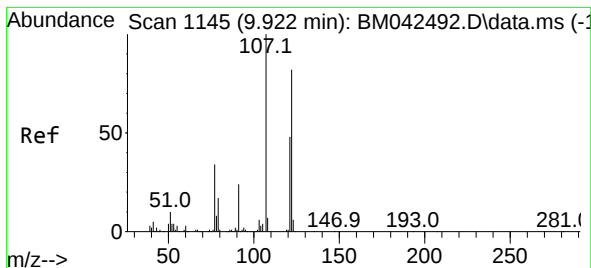
Tgt Ion: 82 Resp: 627785
Ion Ratio Lower Upper
82 100
95 6.9 5.2 7.8
138 15.1 12.6 18.8



#26
2-Nitrophenol
Concen: 40.971 ng
RT: 9.869 min Scan# 1136
Delta R.T. -0.006 min
Lab File: BM042513.D
Acq: 31 Oct 2023 16:31

Tgt Ion:139 Resp: 138387
Ion Ratio Lower Upper
139 100
109 33.6 25.2 37.8
65 66.0 51.4 77.0

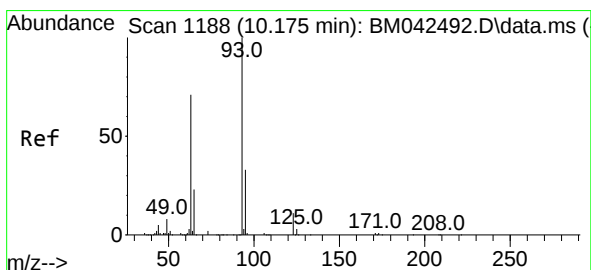
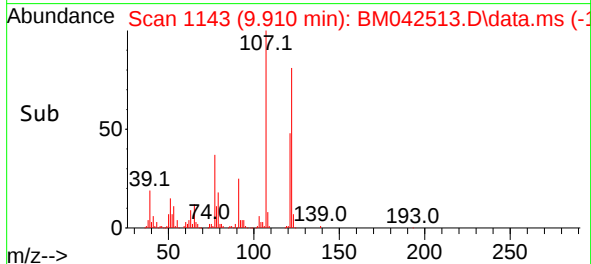
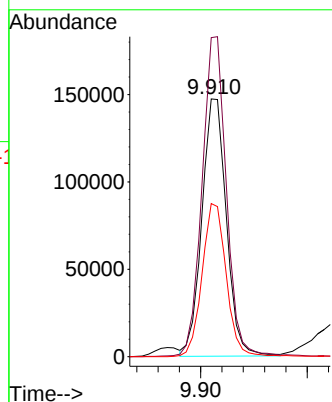
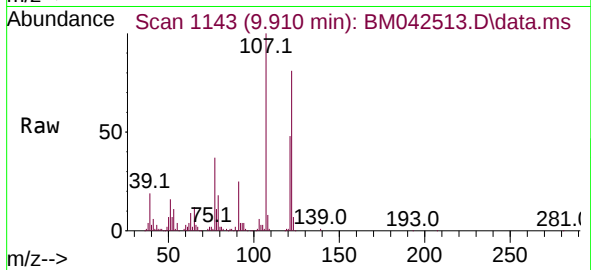




#27
2,4-Dimethylphenol
Concen: 42.544 ng
RT: 9.910 min Scan# 1143
Delta R.T. -0.012 min
Lab File: BM042513.D
Acq: 31 Oct 2023 16:31

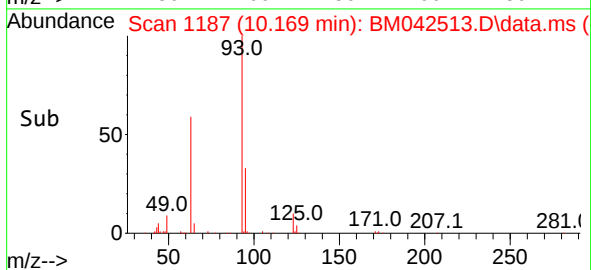
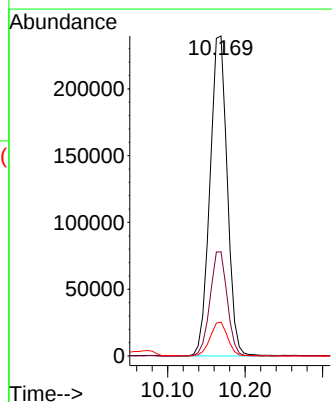
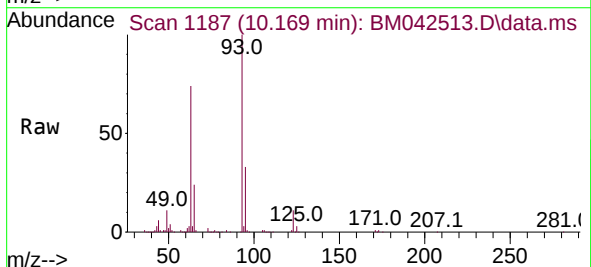
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

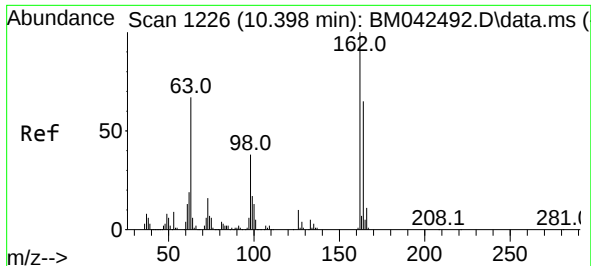
Tgt Ion:122 Resp: 235504
Ion Ratio Lower Upper
122 100
107 123.8 95.4 143.2
121 59.4 46.0 69.0



#28
bis(2-Chloroethoxy)methane
Concen: 42.560 ng
RT: 10.169 min Scan# 1187
Delta R.T. -0.006 min
Lab File: BM042513.D
Acq: 31 Oct 2023 16:31

Tgt Ion: 93 Resp: 371009
Ion Ratio Lower Upper
93 100
95 32.6 26.3 39.5
123 10.6 8.5 12.7





#29

2,4-Dichlorophenol

Concen: 44.254 ng

RT: 10.392 min Scan# 11

Delta R.T. -0.006 min

Lab File: BM042513.D

Acq: 31 Oct 2023 16:31

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

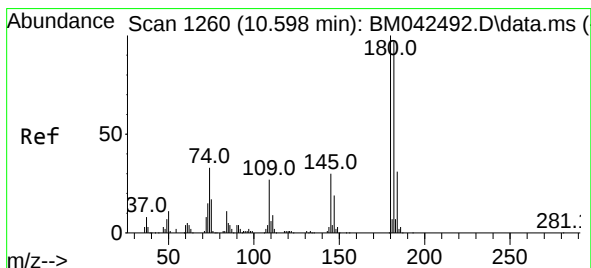
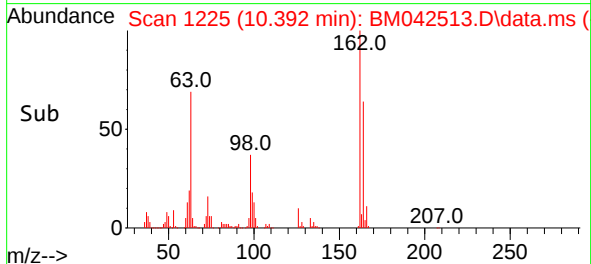
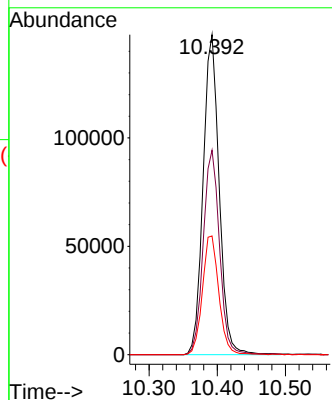
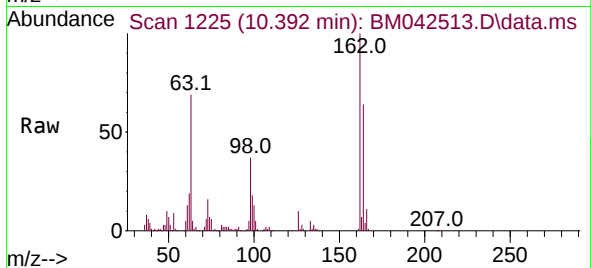
Tgt Ion:162 Resp: 242387

Ion Ratio Lower Upper

162 100

164 63.9 44.9 84.9

98 37.1 18.4 58.4



#30

1,2,4-Trichlorobenzene

Concen: 43.031 ng

RT: 10.592 min Scan# 1259

Delta R.T. -0.006 min

Lab File: BM042513.D

Acq: 31 Oct 2023 16:31

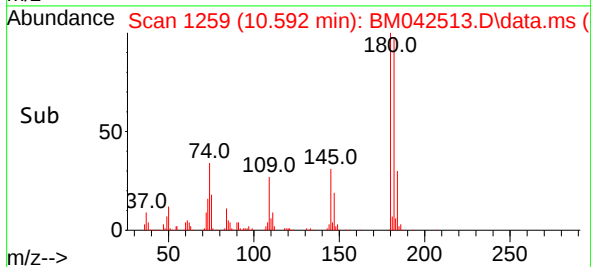
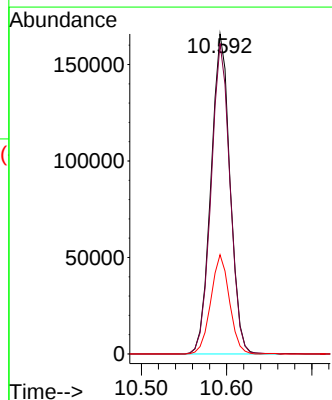
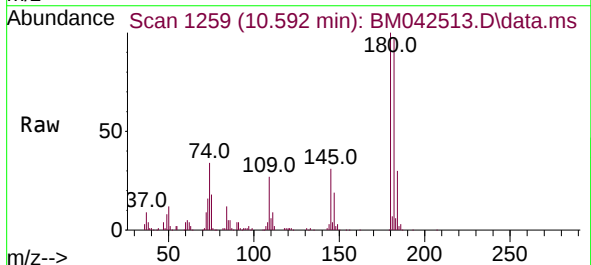
Tgt Ion:180 Resp: 258296

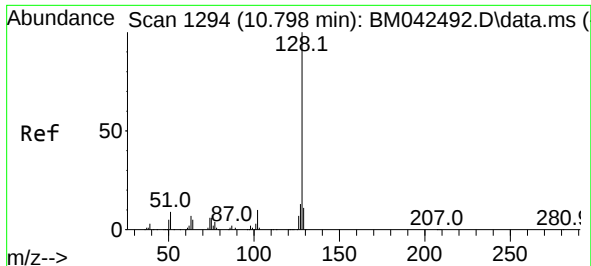
Ion Ratio Lower Upper

180 100

182 97.0 77.8 116.8

145 31.0 24.4 36.6

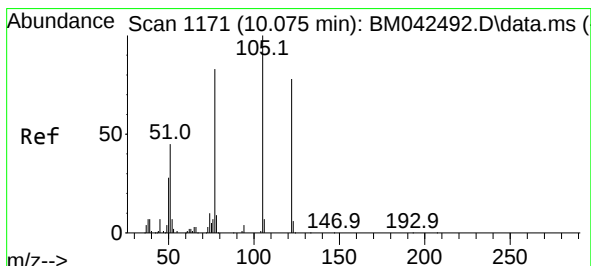
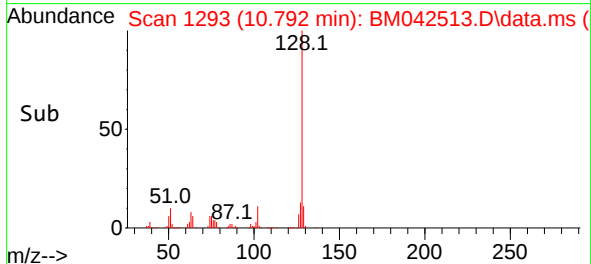
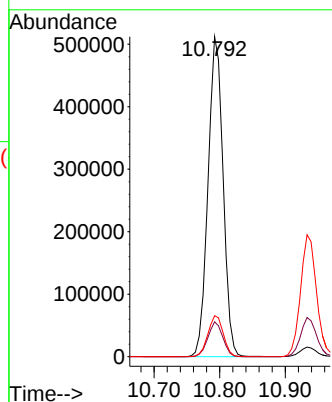
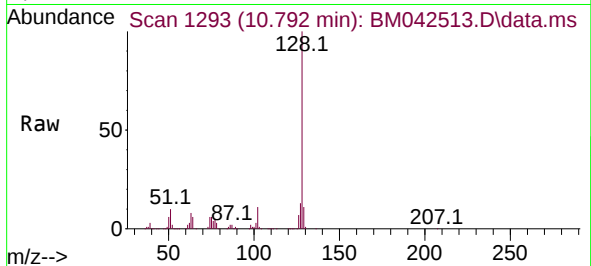




#31
Naphthalene
Concen: 41.677 ng
RT: 10.792 min Scan# 11
Delta R.T. -0.006 min
Lab File: BM042513.D
Acq: 31 Oct 2023 16:31

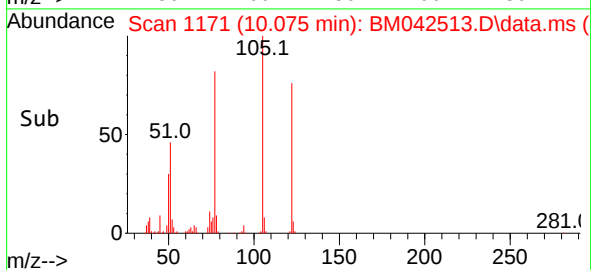
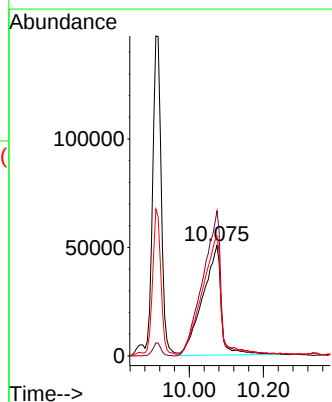
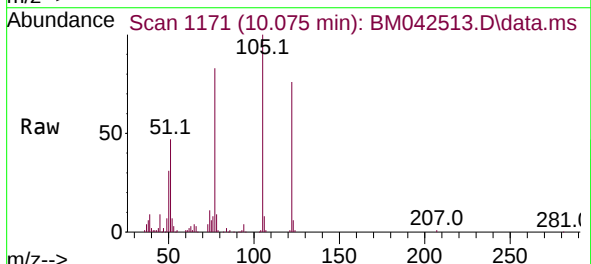
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

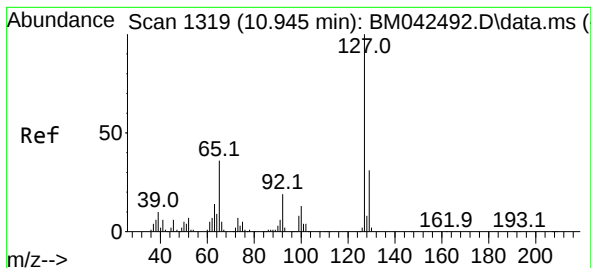
Tgt Ion:128 Resp: 820586
Ion Ratio Lower Upper
128 100
129 10.9 8.8 13.2
127 12.8 10.6 15.8



#32
Benzoic acid
Concen: 39.668 ng
RT: 10.075 min Scan# 1171
Delta R.T. -0.000 min
Lab File: BM042513.D
Acq: 31 Oct 2023 16:31

Tgt Ion:122 Resp: 175080
Ion Ratio Lower Upper
122 100
105 131.2 105.2 145.2
77 108.4 84.8 124.8





#33

4-Chloroaniline

Concen: 43.468 ng

RT: 10.933 min Scan# 1

Delta R.T. -0.012 min

Lab File: BM042513.D

Acq: 31 Oct 2023 16:31

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

Tgt Ion:127 Resp: 333710

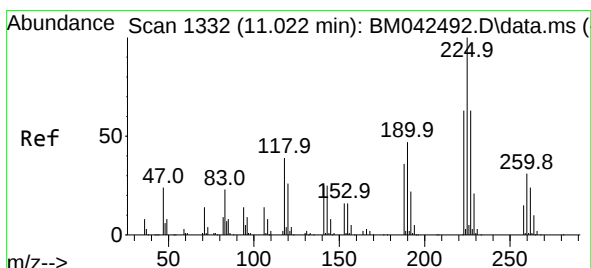
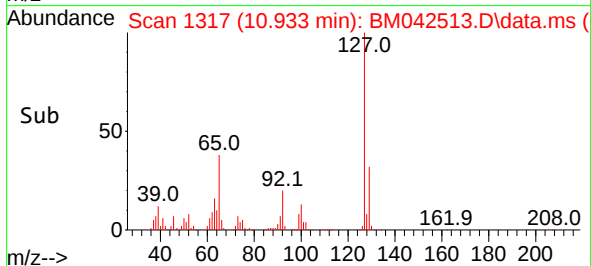
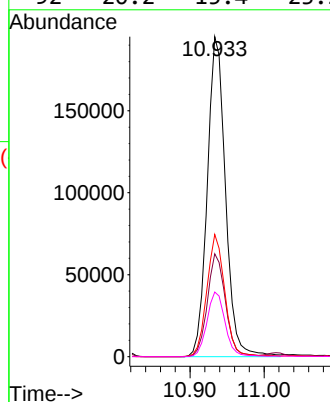
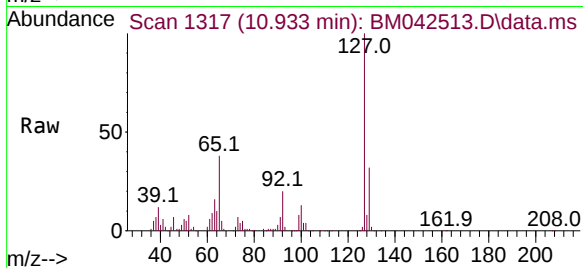
Ion Ratio Lower Upper

127 100

129 32.2 25.0 37.4

65 38.2 29.0 43.4

92 20.2 15.4 23.2



#34

Hexachlorobutadiene

Concen: 45.186 ng

RT: 11.016 min Scan# 1331

Delta R.T. -0.006 min

Lab File: BM042513.D

Acq: 31 Oct 2023 16:31

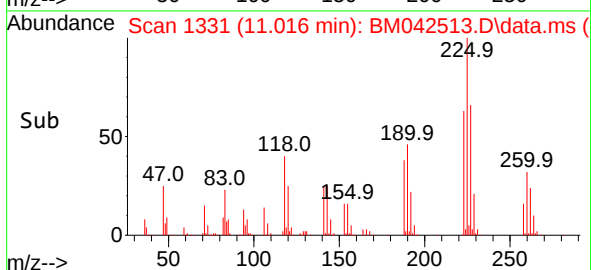
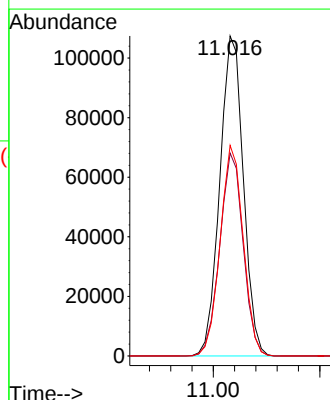
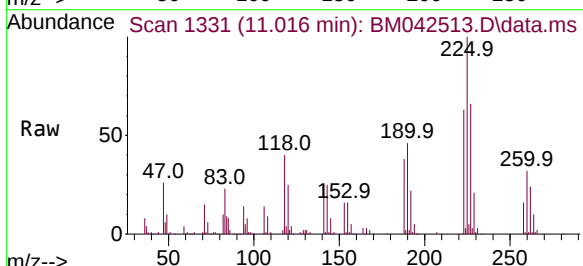
Tgt Ion:225 Resp: 164677

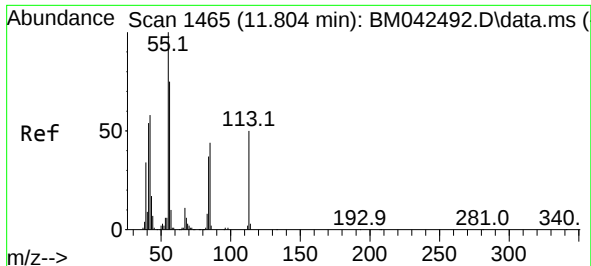
Ion Ratio Lower Upper

225 100

223 63.4 50.0 75.0

227 65.8 50.6 75.8

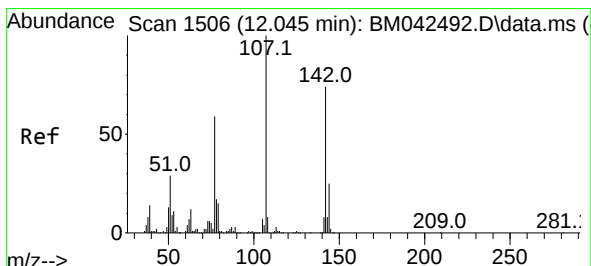
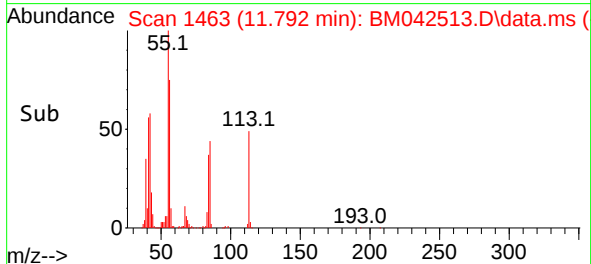
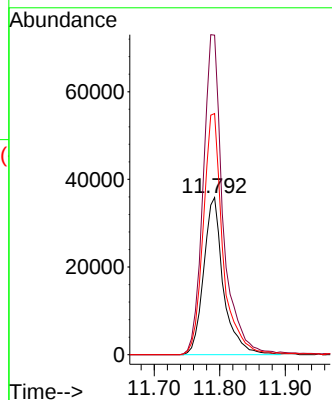
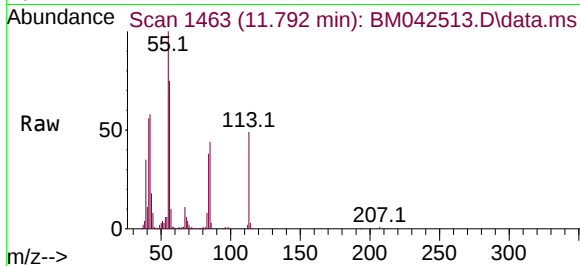




#35
Caprolactam
Concen: 39.015 ng
RT: 11.792 min Scan# 1463
Delta R.T. -0.012 min
Lab File: BM042513.D
Acq: 31 Oct 2023 16:31

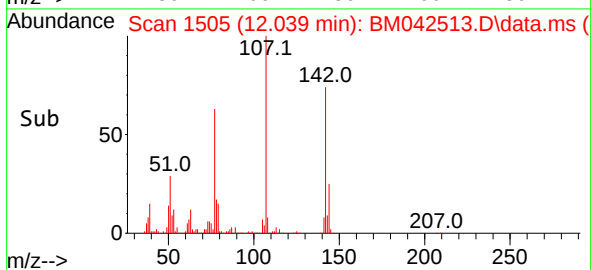
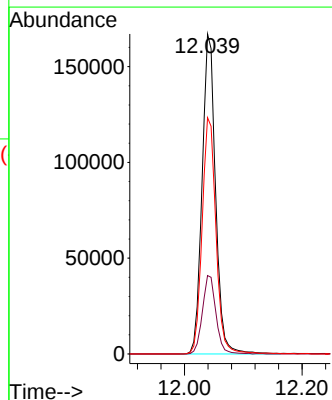
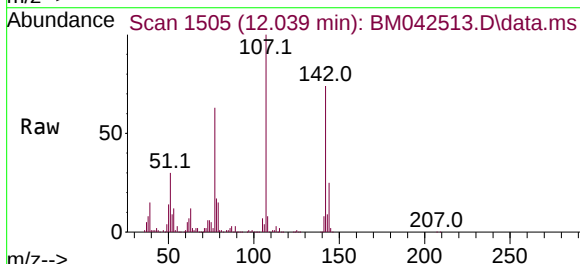
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

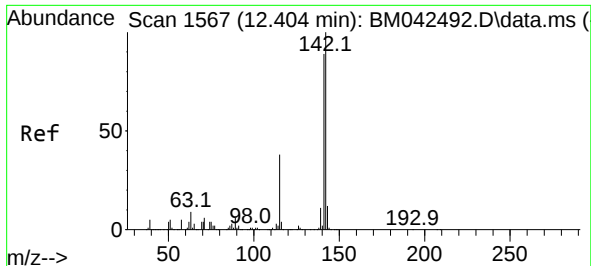
Tgt Ion:113 Resp: 75080
Ion Ratio Lower Upper
113 100
55 203.4 180.9 220.9
56 153.5 130.0 170.0



#36
4-Chloro-3-methylphenol
Concen: 42.685 ng
RT: 12.039 min Scan# 1505
Delta R.T. -0.006 min
Lab File: BM042513.D
Acq: 31 Oct 2023 16:31

Tgt Ion:107 Resp: 266069
Ion Ratio Lower Upper
107 100
144 24.5 20.2 30.2
142 73.8 59.5 89.3





#37

2-Methylnaphthalene

Concen: 42.324 ng

RT: 12.398 min Scan# 1

Delta R.T. -0.006 min

Lab File: BM042513.D

Acq: 31 Oct 2023 16:31

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

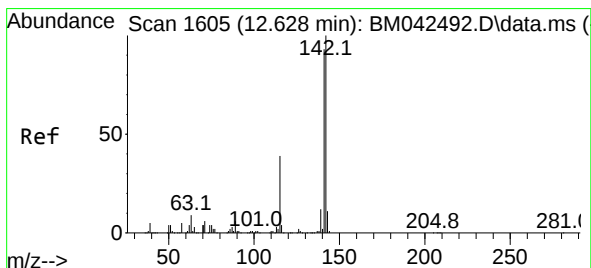
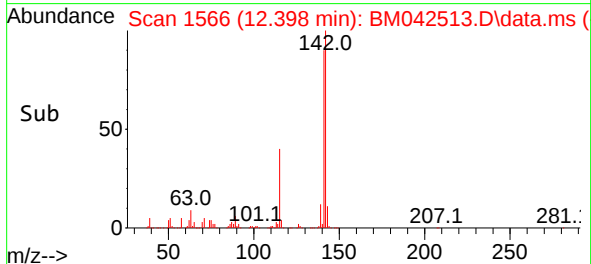
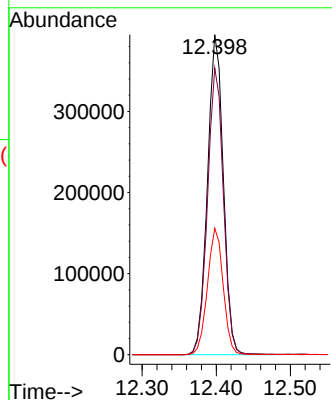
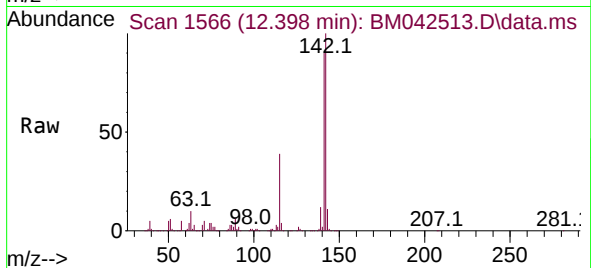
Tgt Ion:142 Resp: 586886

Ion Ratio Lower Upper

142 100

141 89.6 70.9 106.3

115 39.5 30.2 45.2



#38

1-Methylnaphthalene

Concen: 42.137 ng

RT: 12.621 min Scan# 1604

Delta R.T. -0.006 min

Lab File: BM042513.D

Acq: 31 Oct 2023 16:31

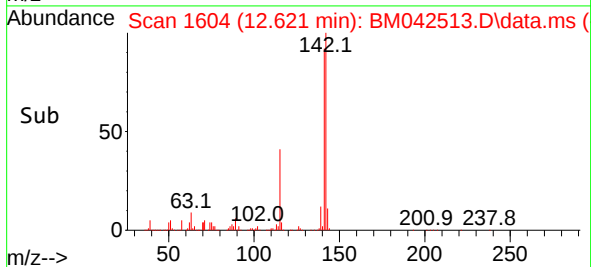
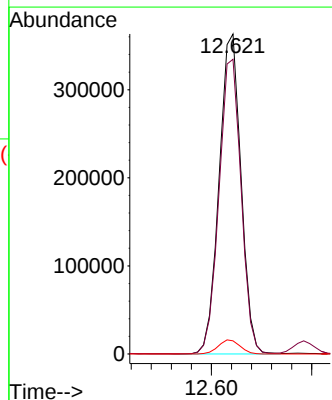
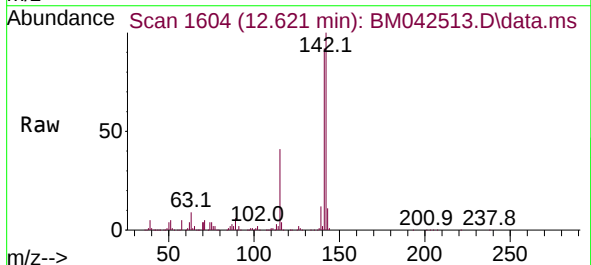
Tgt Ion:142 Resp: 549971

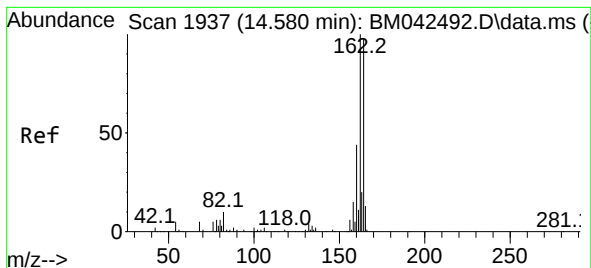
Ion Ratio Lower Upper

142 100

141 92.1 74.4 111.6

116 4.1 3.2 4.8





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.574 min Scan# 1936

Delta R.T. -0.006 min

Lab File: BM042513.D

Acq: 31 Oct 2023 16:31

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

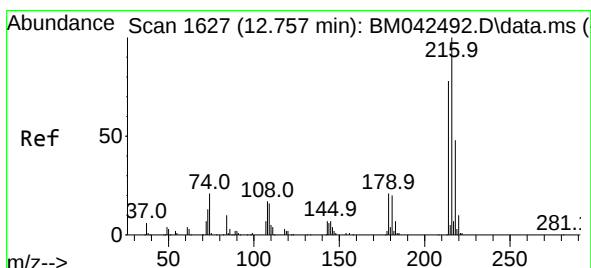
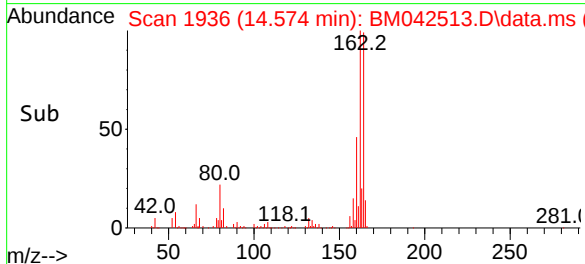
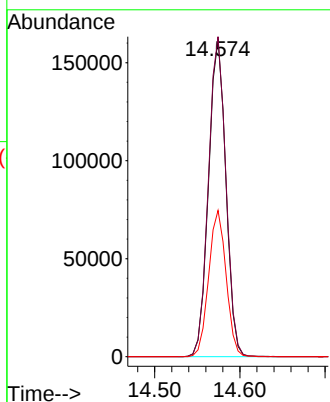
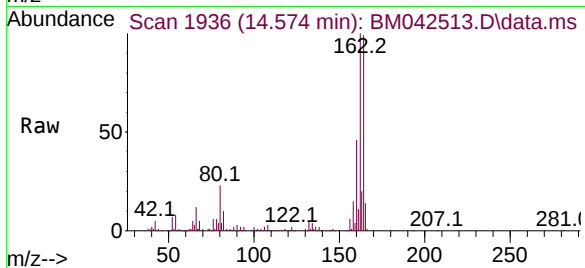
Tgt Ion:164 Resp: 228491

Ion Ratio Lower Upper

164 100

162 100.8 81.6 122.4

160 46.1 36.2 54.4



#40

1,2,4,5-Tetrachlorobenzene

Concen: 44.489 ng

RT: 12.751 min Scan# 1626

Delta R.T. -0.006 min

Lab File: BM042513.D

Acq: 31 Oct 2023 16:31

Tgt Ion:216 Resp: 303687

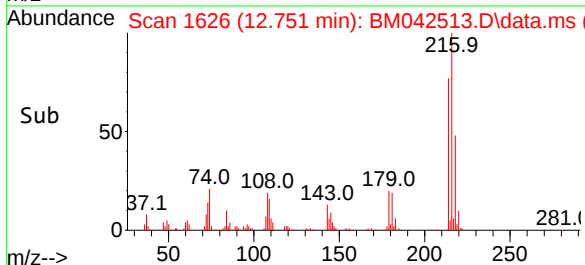
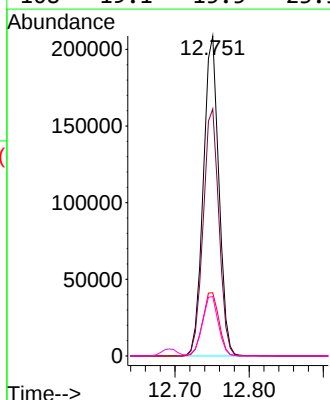
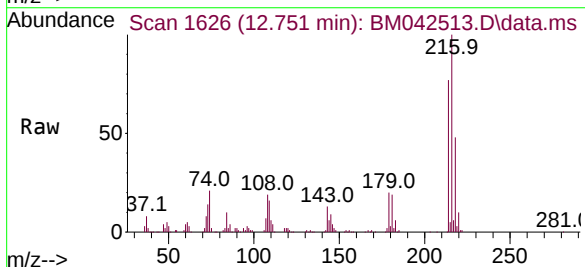
Ion Ratio Lower Upper

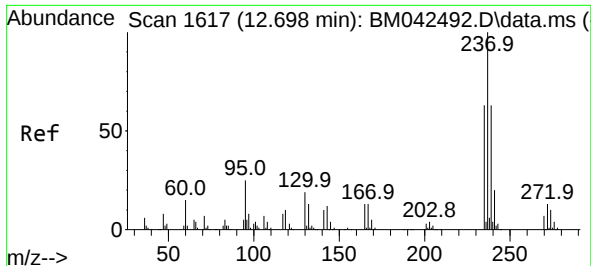
216 100

214 78.4 62.5 93.7

179 20.8 16.7 25.1

108 19.1 15.5 23.3

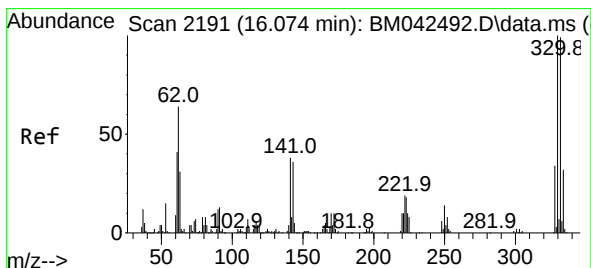
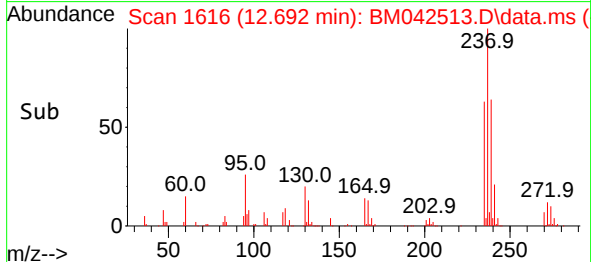
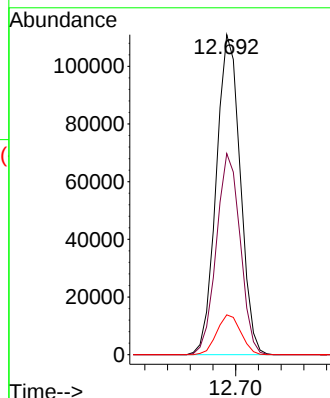
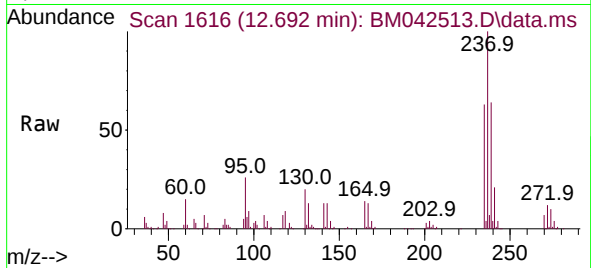




#41
Hexachlorocyclopentadiene
Concen: 42.846 ng
RT: 12.692 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM042513.D
Acq: 31 Oct 2023 16:31

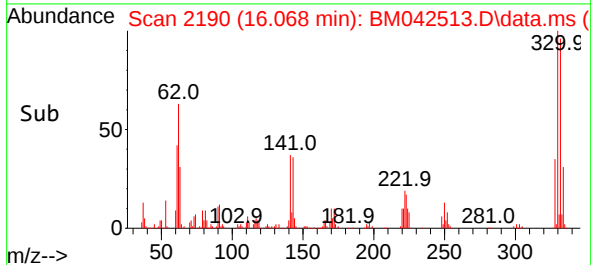
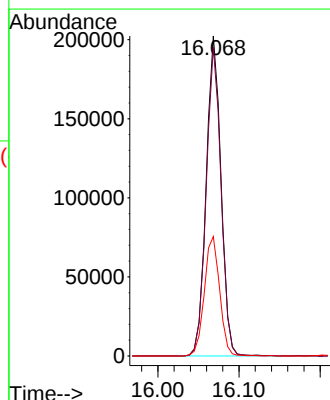
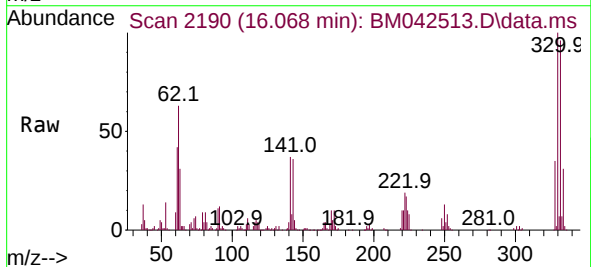
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

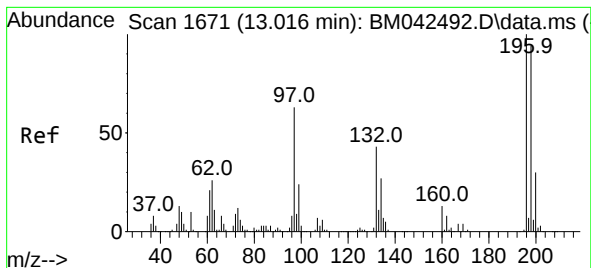
Tgt Ion:237 Resp: 162789
Ion Ratio Lower Upper
237 100
235 62.8 42.5 82.5
272 12.5 0.0 33.2



#42
2,4,6-Tribromophenol
Concen: 85.981 ng
RT: 16.068 min Scan# 2190
Delta R.T. -0.006 min
Lab File: BM042513.D
Acq: 31 Oct 2023 16:31

Tgt Ion:330 Resp: 256494
Ion Ratio Lower Upper
330 100
332 96.3 78.8 118.2
141 38.6 31.1 46.7





#43

2,4,6-Trichlorophenol

Concen: 44.738 ng

RT: 13.010 min Scan# 1

Delta R.T. -0.006 min

Lab File: BM042513.D

Acq: 31 Oct 2023 16:31

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

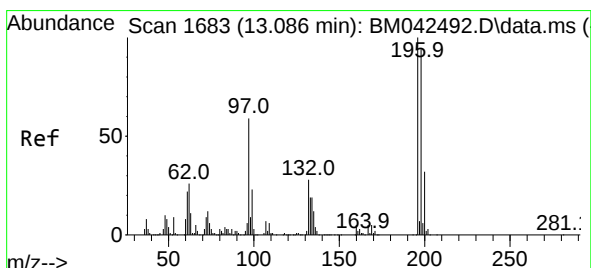
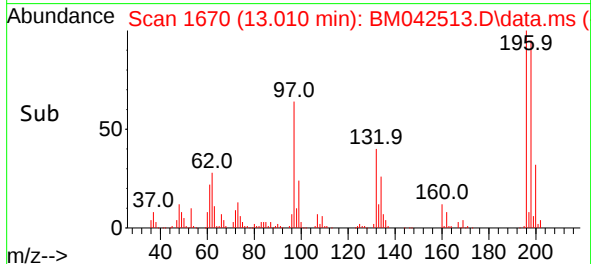
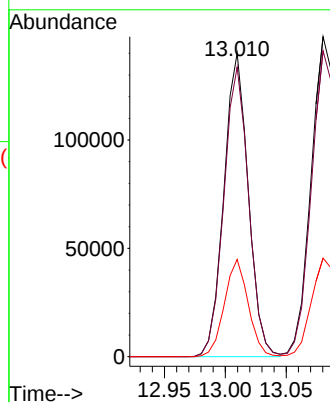
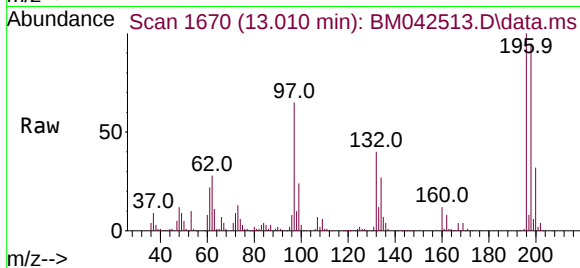
Tgt Ion:196 Resp: 195599

Ion Ratio Lower Upper

196 100

198 95.4 75.2 112.8

200 32.1 24.3 36.5



#44

2,4,5-Trichlorophenol

Concen: 43.650 ng

RT: 13.080 min Scan# 1682

Delta R.T. -0.006 min

Lab File: BM042513.D

Acq: 31 Oct 2023 16:31

Tgt Ion:196 Resp: 227097

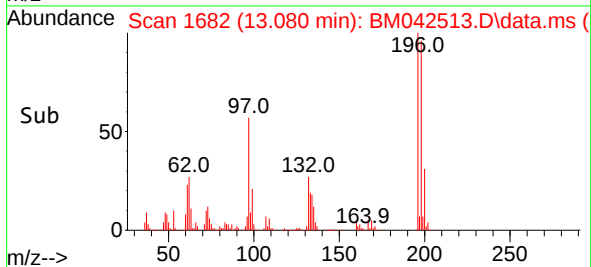
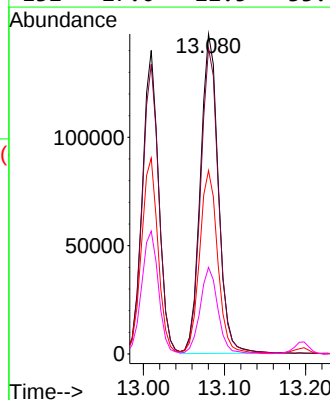
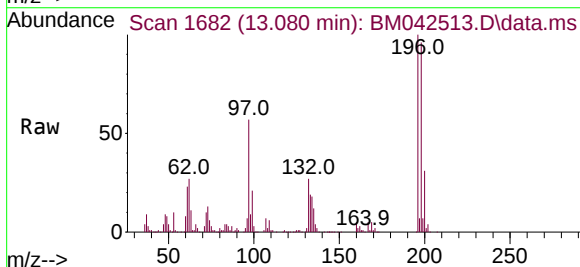
Ion Ratio Lower Upper

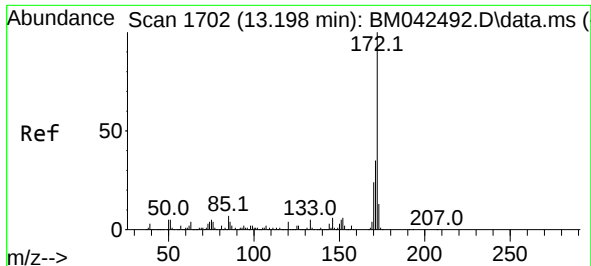
196 100

198 95.6 75.1 112.7

97 57.3 47.4 71.0

132 27.0 22.5 33.7

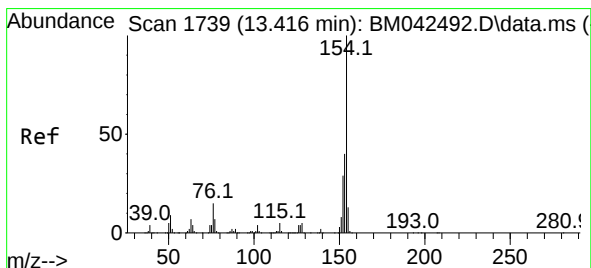
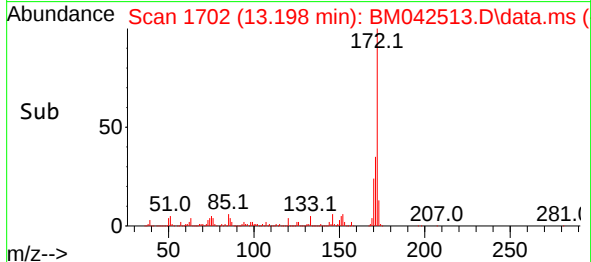
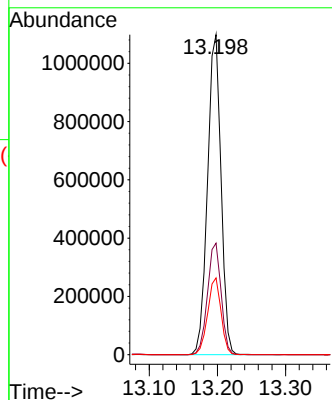
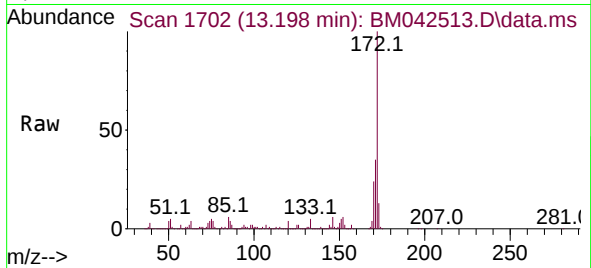




#45
2-Fluorobiphenyl
Concen: 88.946 ng
RT: 13.198 min Scan# 1702
Delta R.T. -0.000 min
Lab File: BM042513.D
Acq: 31 Oct 2023 16:31

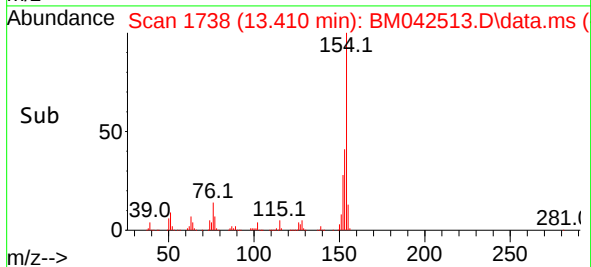
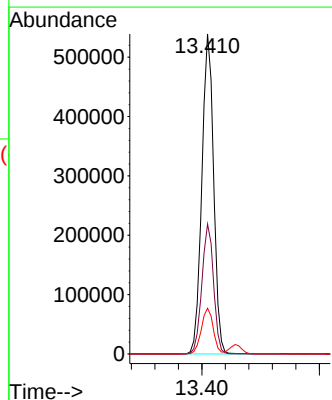
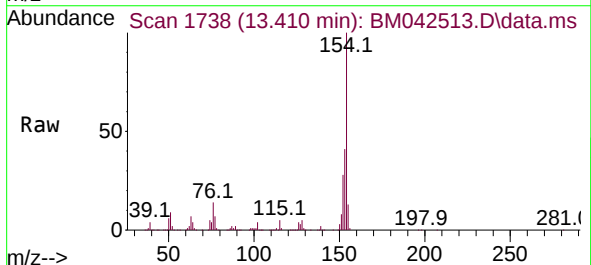
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

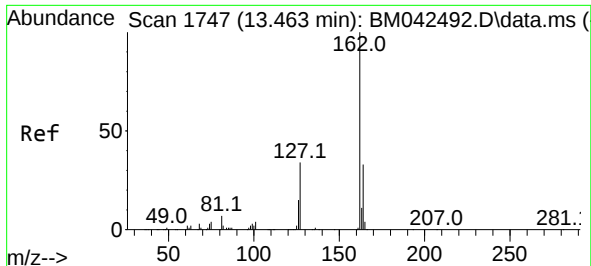
Tgt Ion:172 Resp: 1510357
Ion Ratio Lower Upper
172 100
171 34.9 28.2 42.2
170 24.0 19.0 28.4



#46
1,1'-Biphenyl
Concen: 42.870 ng
RT: 13.410 min Scan# 1738
Delta R.T. -0.006 min
Lab File: BM042513.D
Acq: 31 Oct 2023 16:31

Tgt Ion:154 Resp: 748778
Ion Ratio Lower Upper
154 100
153 40.6 20.3 60.3
76 14.3 0.0 35.0

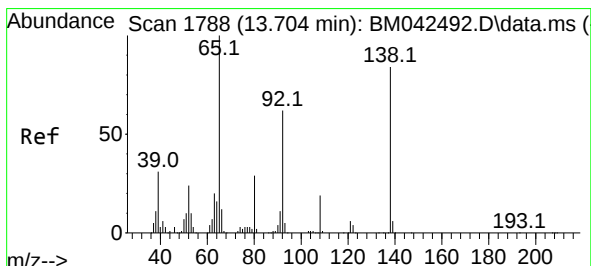
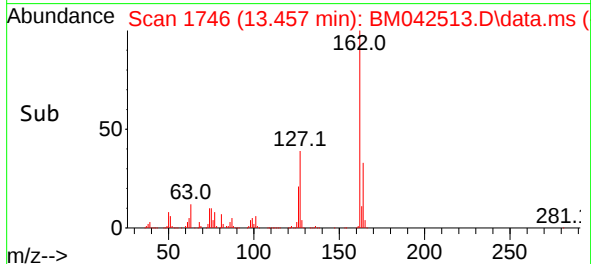
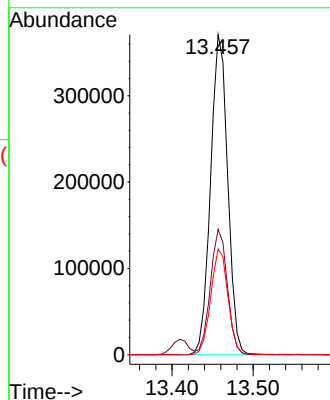
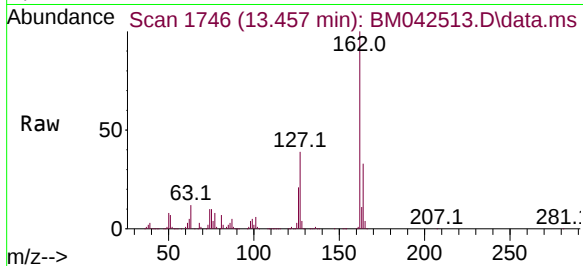




#47
2-Chloronaphthalene
Concen: 42.347 ng
RT: 13.457 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM042513.D
Acq: 31 Oct 2023 16:31

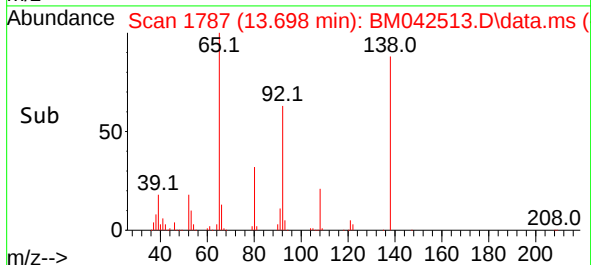
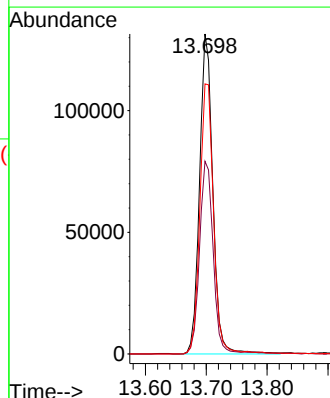
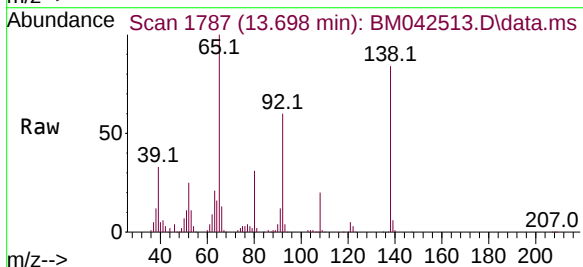
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

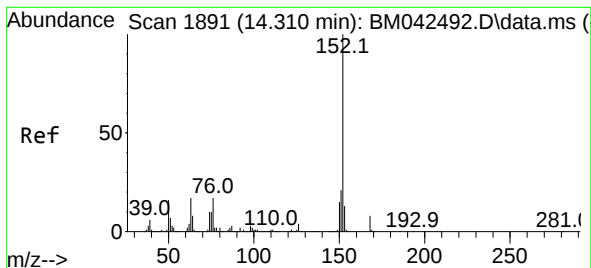
Tgt Ion:162 Resp: 542608
Ion Ratio Lower Upper
162 100
127 39.2 31.1 46.7
164 33.0 26.2 39.4



#48
2-Nitroaniline
Concen: 39.348 ng
RT: 13.698 min Scan# 1787
Delta R.T. -0.006 min
Lab File: BM042513.D
Acq: 31 Oct 2023 16:31

Tgt Ion: 65 Resp: 198899
Ion Ratio Lower Upper
65 100
92 60.2 49.4 74.2
138 84.4 66.9 100.3





#49

Acenaphthylene

Concen: 42.343 ng

RT: 14.304 min Scan# 1890

Delta R.T. -0.006 min

Lab File: BM042513.D

Acq: 31 Oct 2023 16:31

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

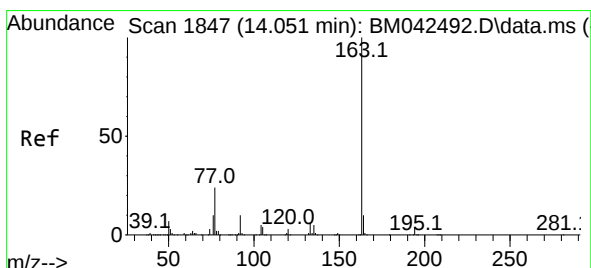
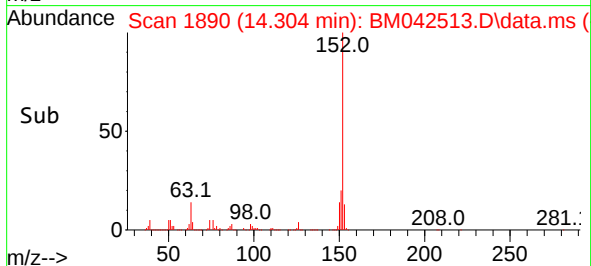
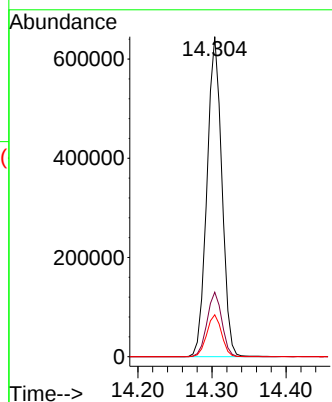
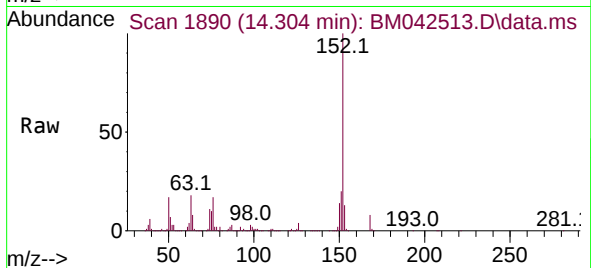
Tgt Ion:152 Resp: 898564

Ion Ratio Lower Upper

152 100

151 20.2 16.4 24.6

153 13.1 10.4 15.6



#50

Dimethylphthalate

Concen: 41.811 ng

RT: 14.045 min Scan# 1846

Delta R.T. -0.006 min

Lab File: BM042513.D

Acq: 31 Oct 2023 16:31

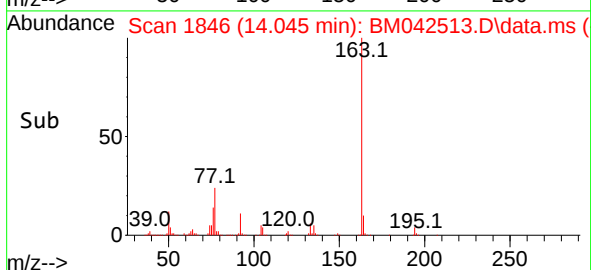
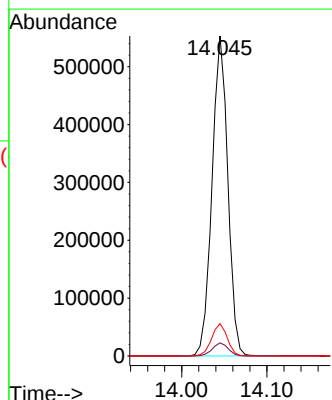
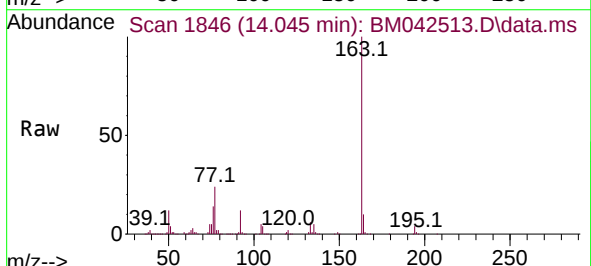
Tgt Ion:163 Resp: 714034

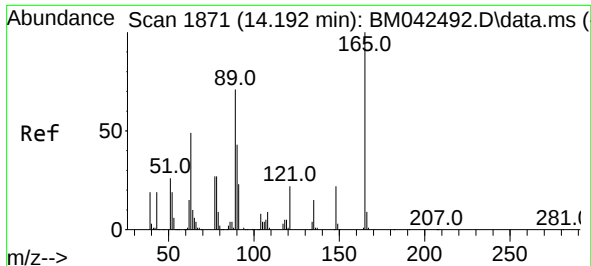
Ion Ratio Lower Upper

163 100

194 4.1 3.2 4.8

164 10.1 7.8 11.8

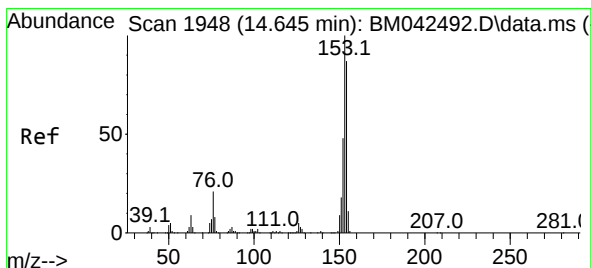
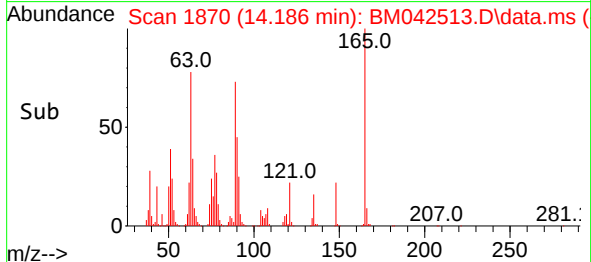
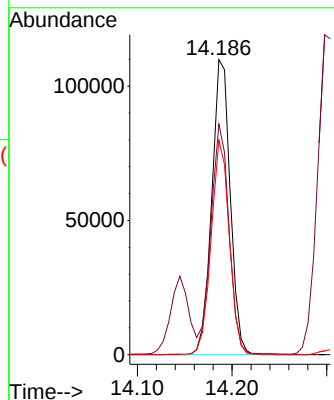
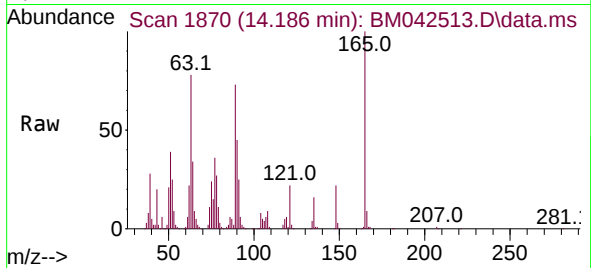




#51
2,6-Dinitrotoluene
Concen: 42.264 ng
RT: 14.186 min Scan# 1871
Delta R.T. -0.006 min
Lab File: BM042513.D
Acq: 31 Oct 2023 16:31

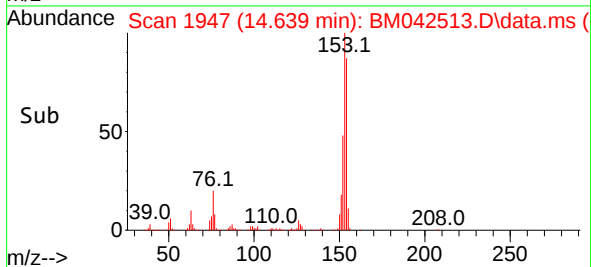
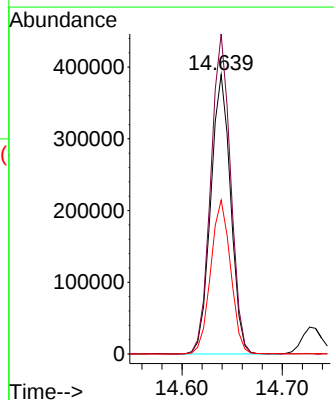
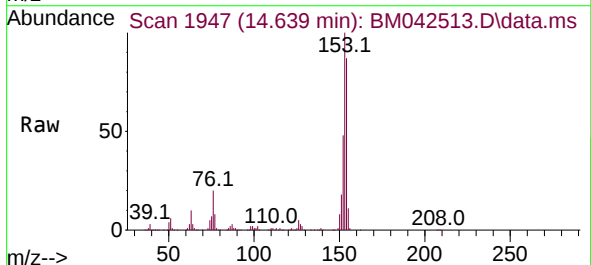
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

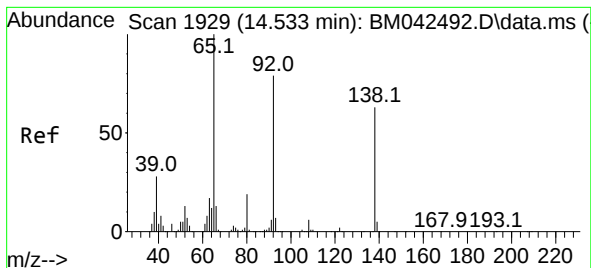
Tgt Ion:165 Resp: 148754
Ion Ratio Lower Upper
165 100
63 78.1 59.4 89.0
89 72.6 57.0 85.6



#52
Acenaphthene
Concen: 41.605 ng
RT: 14.639 min Scan# 1947
Delta R.T. -0.006 min
Lab File: BM042513.D
Acq: 31 Oct 2023 16:31

Tgt Ion:154 Resp: 535826
Ion Ratio Lower Upper
154 100
153 114.5 92.0 138.0
152 55.1 44.0 66.0

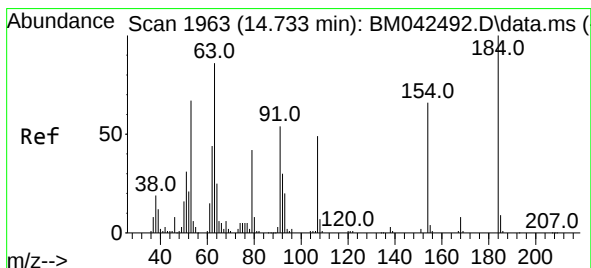
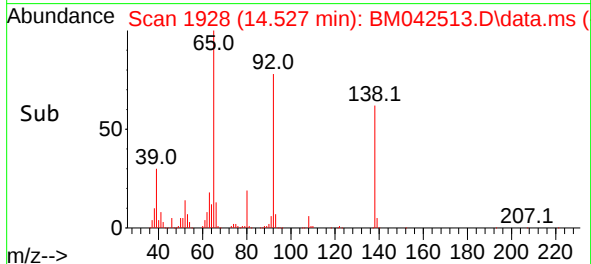
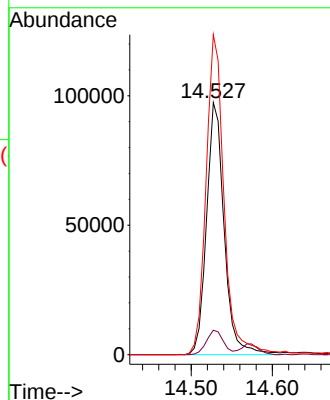
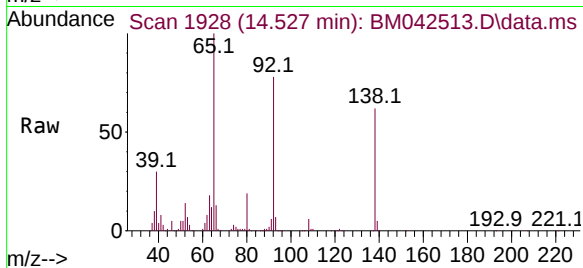




#53
3-Nitroaniline
Concen: 38.186 ng
RT: 14.527 min Scan# 1928
Delta R.T. -0.006 min
Lab File: BM042513.D
Acq: 31 Oct 2023 16:31

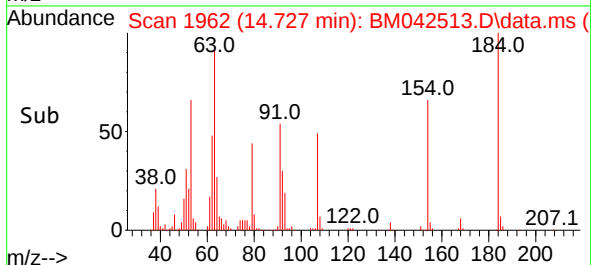
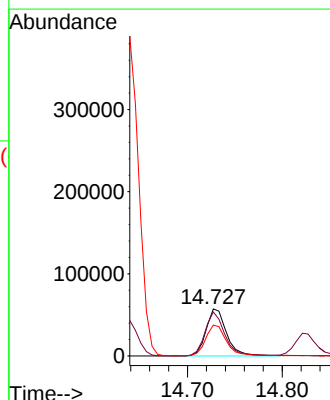
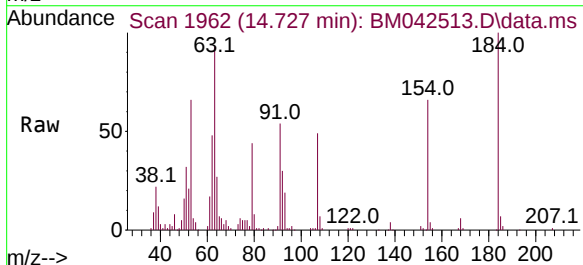
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

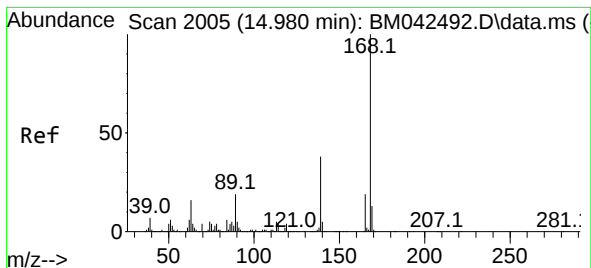
Tgt Ion:138 Resp: 146855
Ion Ratio Lower Upper
138 100
108 9.7 7.9 11.9
92 126.9 100.7 151.1



#54
2,4-Dinitrophenol
Concen: 38.748 ng
RT: 14.727 min Scan# 1962
Delta R.T. -0.006 min
Lab File: BM042513.D
Acq: 31 Oct 2023 16:31

Tgt Ion:184 Resp: 85727
Ion Ratio Lower Upper
184 100
63 93.4 69.2 103.8
154 65.6 53.2 79.8





#55

Dibenzenofuran

Concen: 42.374 ng

RT: 14.974 min Scan# 20

Delta R.T. -0.006 min

Lab File: BM042513.D

Acq: 31 Oct 2023 16:31

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

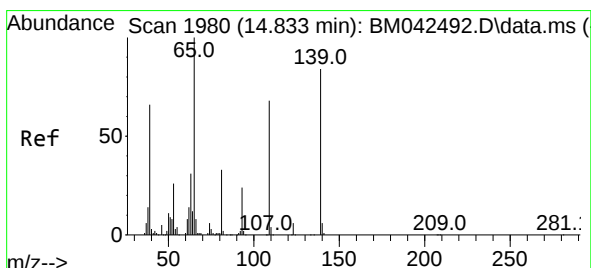
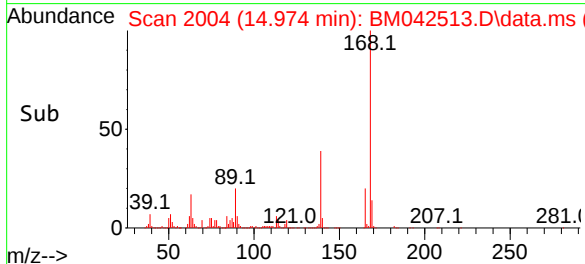
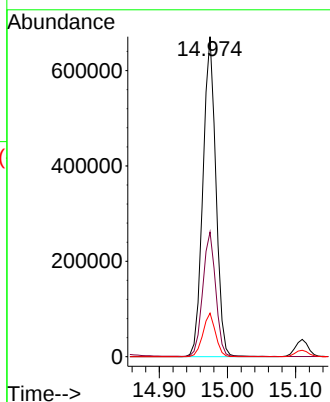
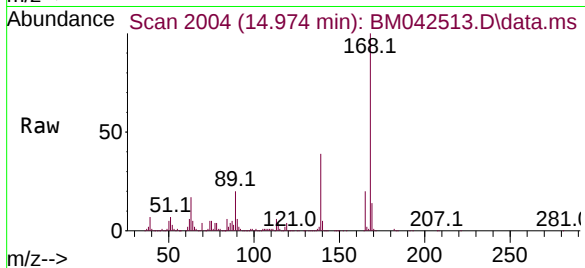
Tgt Ion:168 Resp: 887298

Ion Ratio Lower Upper

168 100

139 39.0 30.4 45.6

169 13.6 10.6 15.8



#56

4-Nitrophenol

Concen: 36.719 ng

RT: 14.827 min Scan# 1979

Delta R.T. -0.006 min

Lab File: BM042513.D

Acq: 31 Oct 2023 16:31

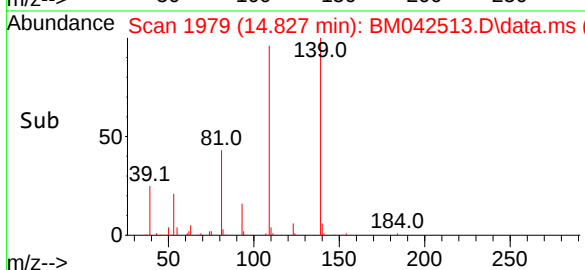
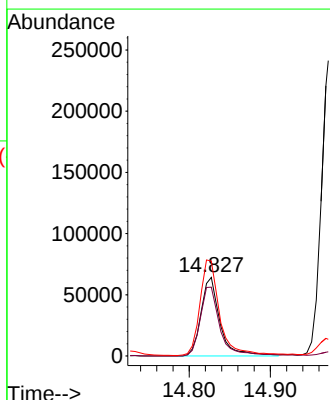
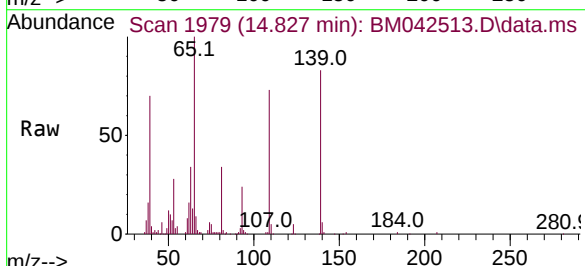
Tgt Ion:139 Resp: 104260

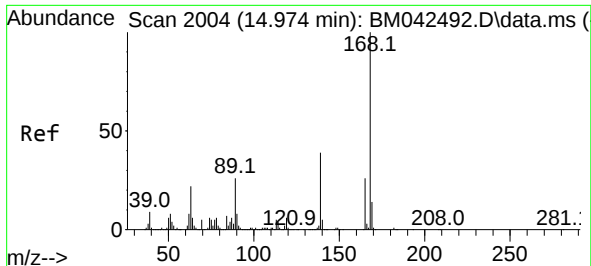
Ion Ratio Lower Upper

139 100

109 87.7 61.3 101.3

65 120.7 100.2 140.2

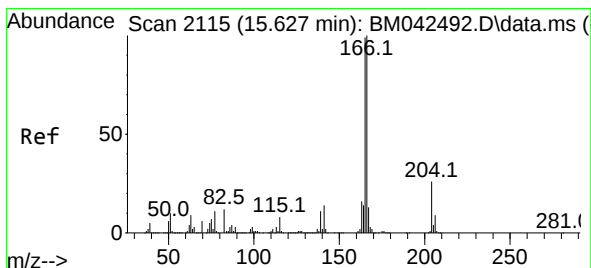
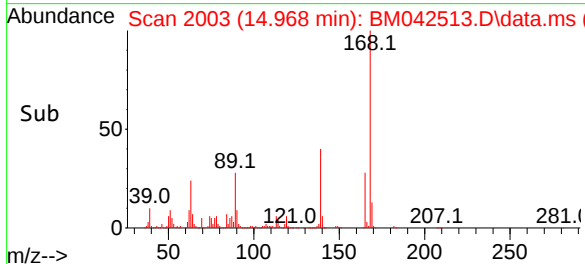
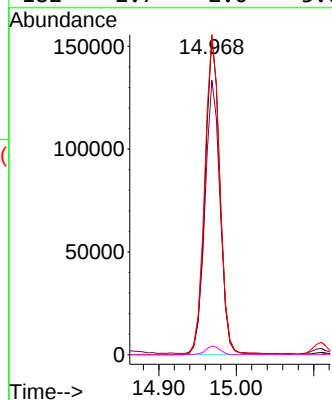
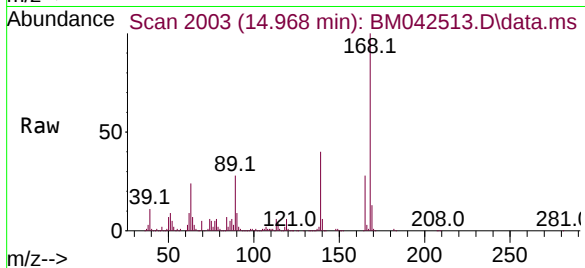




#57
2,4-Dinitrotoluene
Concen: 38.945 ng
RT: 14.968 min Scan# 20
Delta R.T. -0.006 min
Lab File: BM042513.D
Acq: 31 Oct 2023 16:31

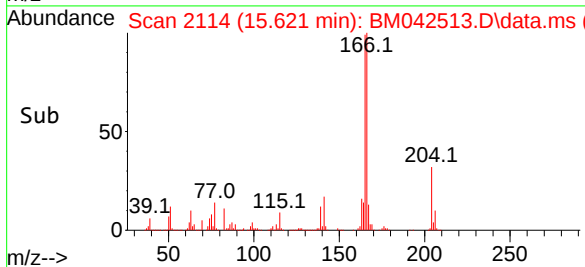
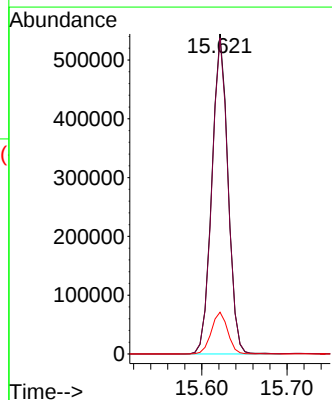
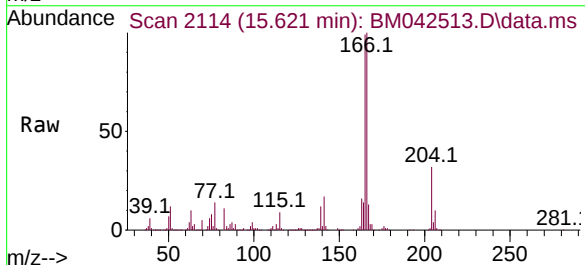
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

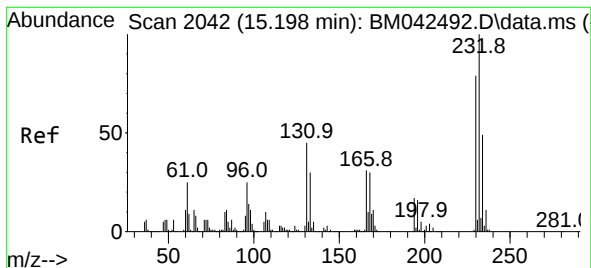
Tgt Ion:165 Resp: 203357
Ion Ratio Lower Upper
165 100
63 86.6 66.7 100.1
89 101.0 80.2 120.4
182 2.7 2.0 3.0



#58
Fluorene
Concen: 42.196 ng
RT: 15.621 min Scan# 2114
Delta R.T. -0.006 min
Lab File: BM042513.D
Acq: 31 Oct 2023 16:31

Tgt Ion:166 Resp: 714899
Ion Ratio Lower Upper
166 100
165 98.8 79.3 118.9
167 13.0 10.5 15.7

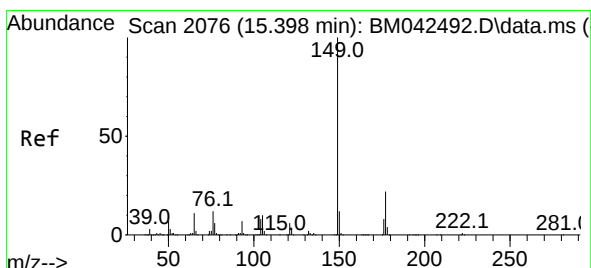
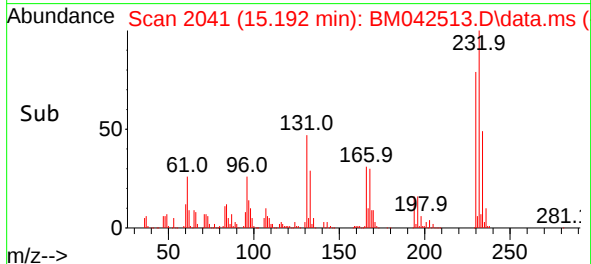
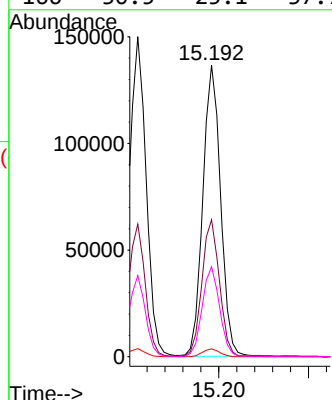
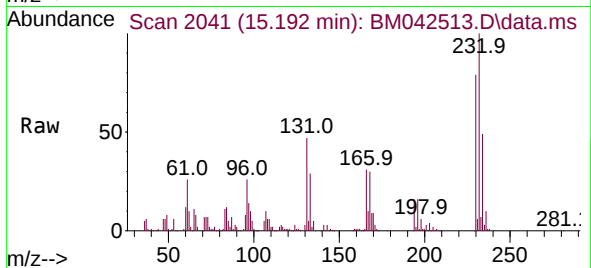




#59
2,3,4,6-Tetrachlorophenol
Concen: 42.781 ng
RT: 15.192 min Scan# 2041
Delta R.T. -0.006 min
Lab File: BM042513.D
Acq: 31 Oct 2023 16:31

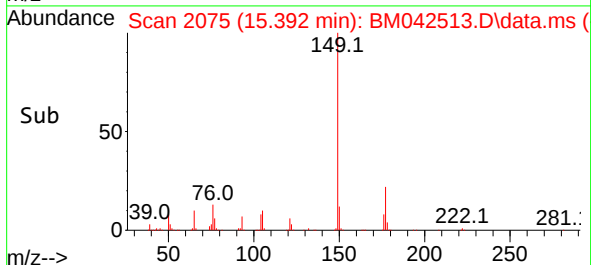
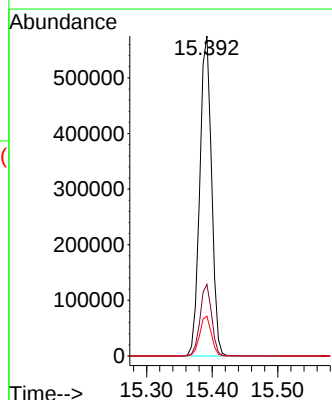
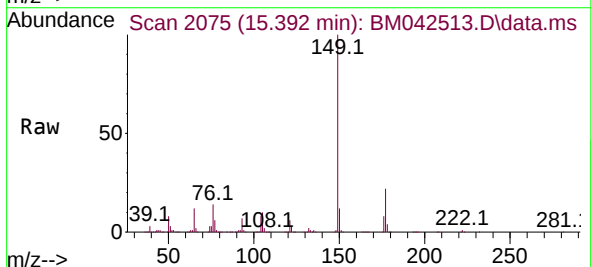
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

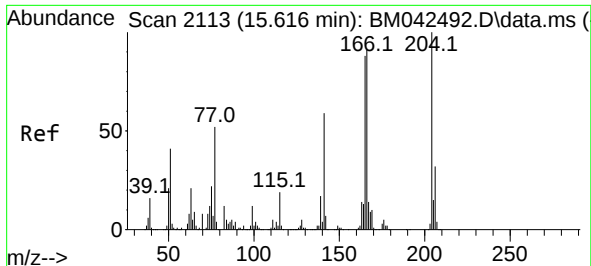
Tgt Ion:232 Resp: 187473
Ion Ratio Lower Upper
232 100
131 46.7 37.2 55.8
130 2.6 2.1 3.1
166 30.5 25.1 37.7



#60
Diethylphthalate
Concen: 41.699 ng
RT: 15.392 min Scan# 2075
Delta R.T. -0.006 min
Lab File: BM042513.D
Acq: 31 Oct 2023 16:31

Tgt Ion:149 Resp: 721450
Ion Ratio Lower Upper
149 100
177 22.4 17.8 26.6
150 12.4 9.8 14.6

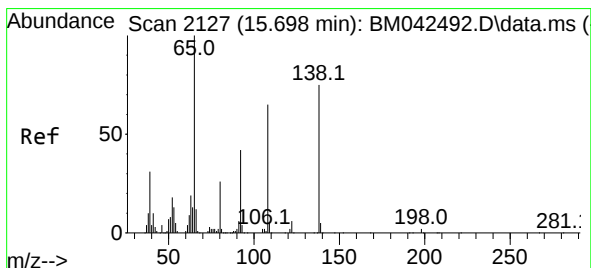
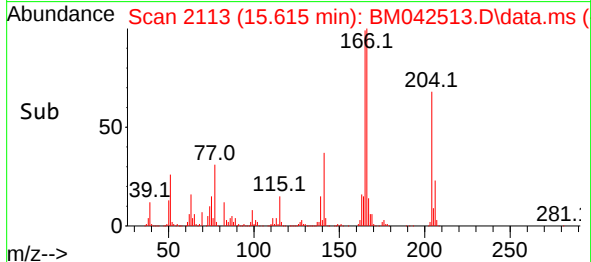
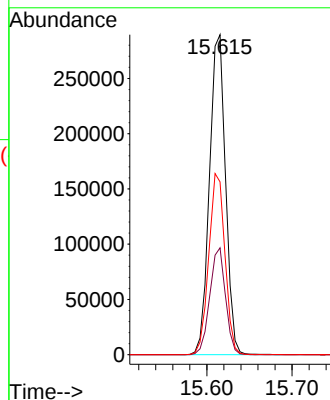
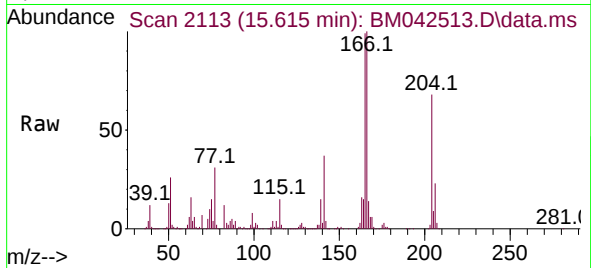




#61
4-Chlorophenyl-phenylether
Concen: 44.308 ng
RT: 15.615 min Scan# 2113
Delta R.T. -0.000 min
Lab File: BM042513.D
Acq: 31 Oct 2023 16:31

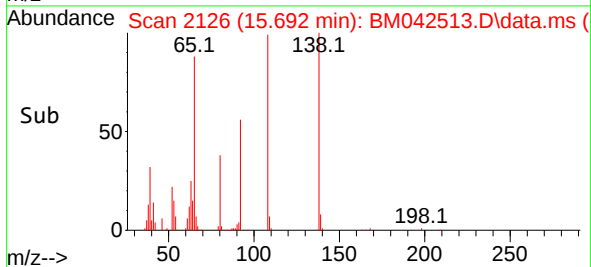
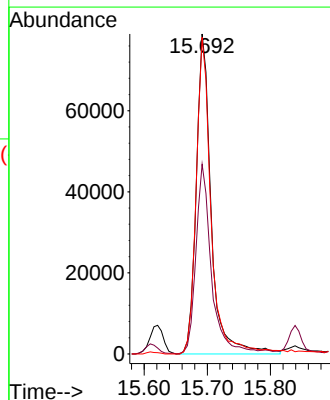
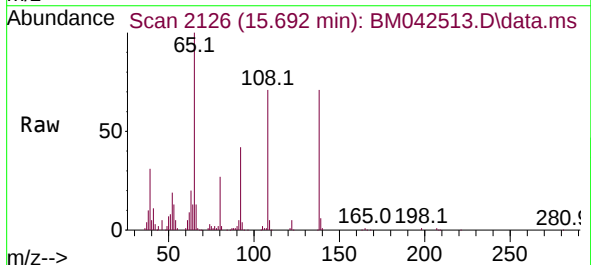
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

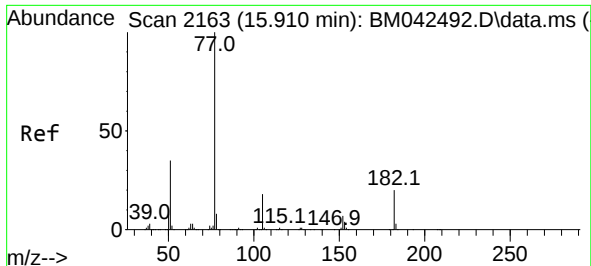
Tgt Ion:204 Resp: 379251
Ion Ratio Lower Upper
204 100
206 33.4 25.9 38.9
141 54.0 46.8 70.2



#62
4-Nitroaniline
Concen: 38.199 ng
RT: 15.692 min Scan# 2126
Delta R.T. -0.006 min
Lab File: BM042513.D
Acq: 31 Oct 2023 16:31

Tgt Ion:138 Resp: 129973
Ion Ratio Lower Upper
138 100
92 59.3 37.0 77.0
108 99.0 67.2 107.2

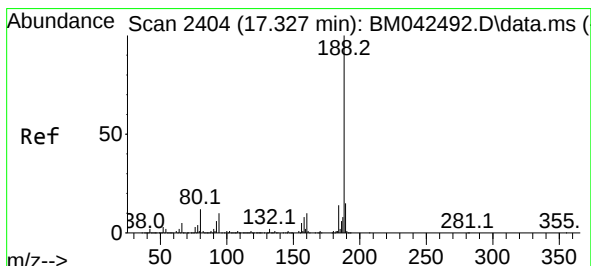
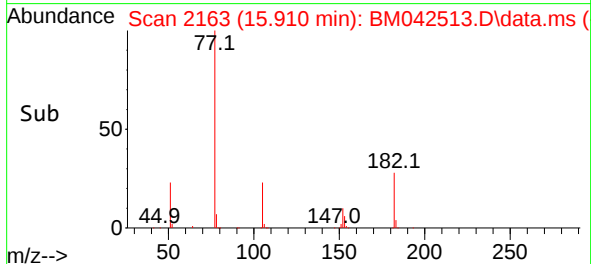
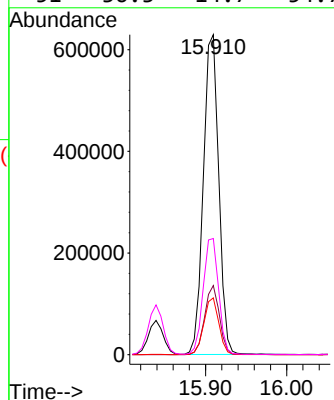
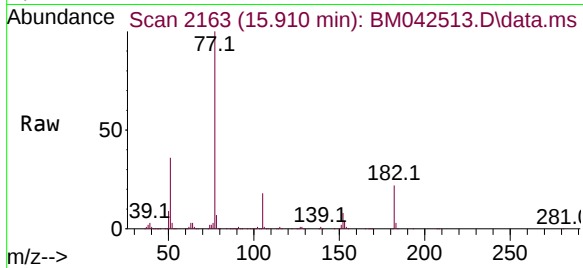




#63
Azobenzene
Concen: 43.352 ng
RT: 15.910 min Scan# 2163
Delta R.T. -0.000 min
Lab File: BM042513.D
Acq: 31 Oct 2023 16:31

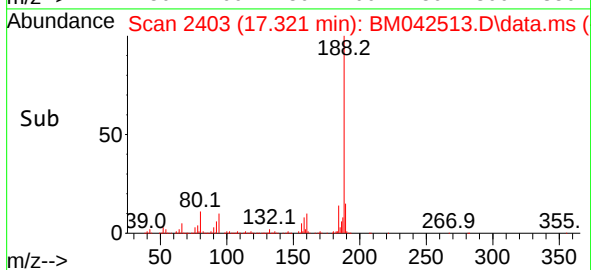
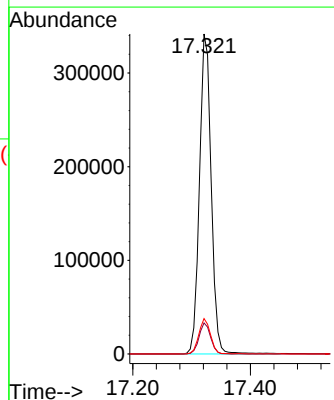
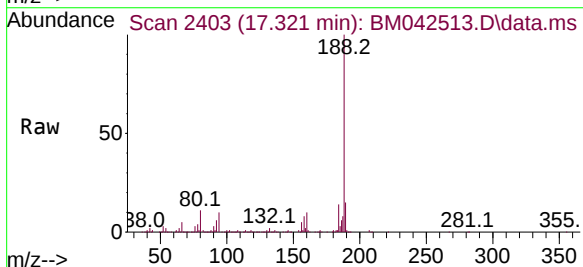
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

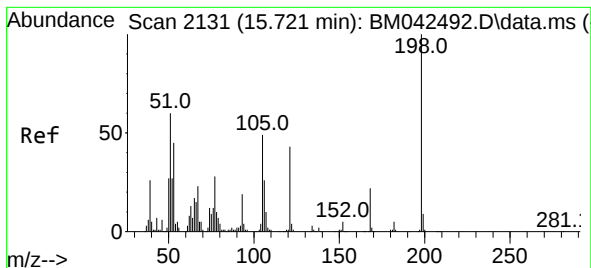
Tgt Ion: 77	Resp: 826535
Ion Ratio	Lower Upper
77 100	
182 21.6	0.0 40.0
105 17.8	0.0 37.9
51 36.3	14.7 54.7



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.321 min Scan# 2403
Delta R.T. -0.006 min
Lab File: BM042513.D
Acq: 31 Oct 2023 16:31

Tgt Ion:188	Resp: 472148
Ion Ratio	Lower Upper
188 100	
94 9.7	8.2 12.4
80 11.1	9.4 14.2

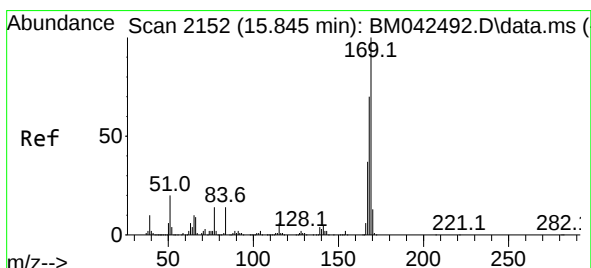
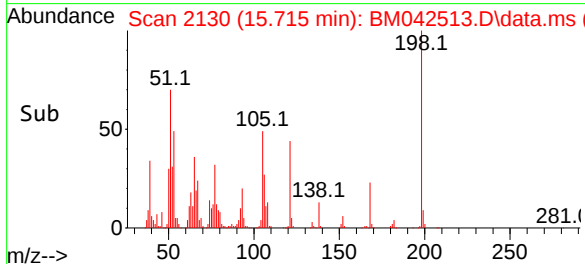
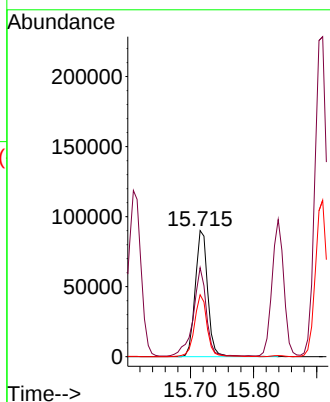
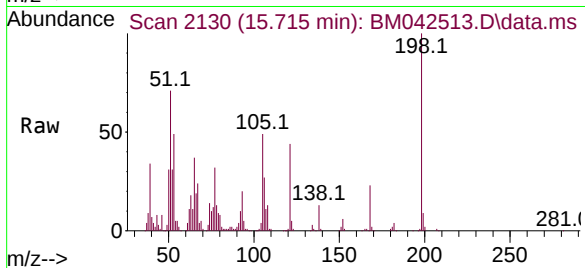




#65
4,6-Dinitro-2-methylphenol
Concen: 41.484 ng
RT: 15.715 min Scan# 2130
Delta R.T. -0.006 min
Lab File: BM042513.D
Acq: 31 Oct 2023 16:31

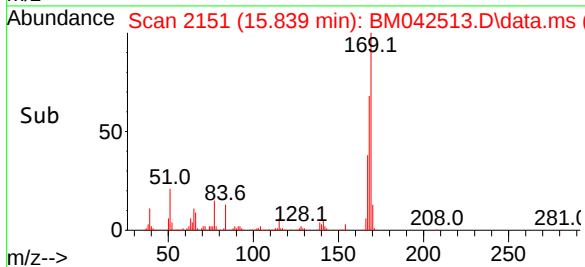
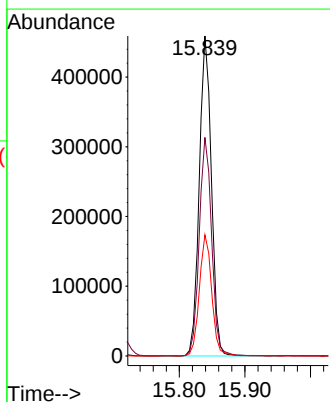
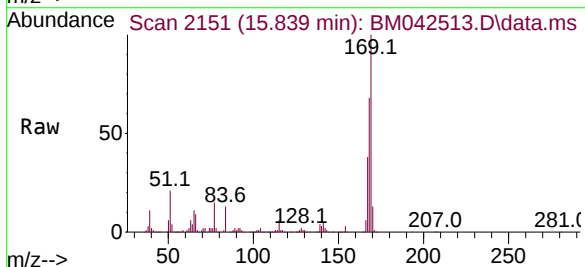
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

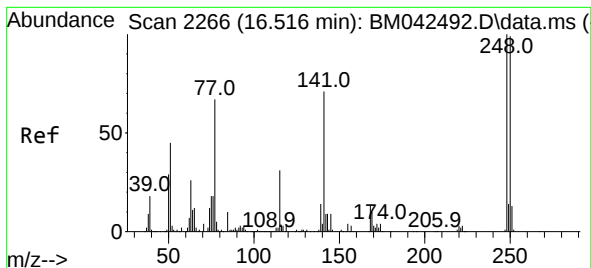
Tgt Ion:198 Resp: 123178
Ion Ratio Lower Upper
198 100
51 70.6 42.4 82.4
105 49.1 29.2 69.2



#66
n-Nitrosodiphenylamine
Concen: 44.553 ng
RT: 15.839 min Scan# 2151
Delta R.T. -0.006 min
Lab File: BM042513.D
Acq: 31 Oct 2023 16:31

Tgt Ion:169 Resp: 593131
Ion Ratio Lower Upper
169 100
168 68.3 55.9 83.9
167 37.8 29.8 44.8

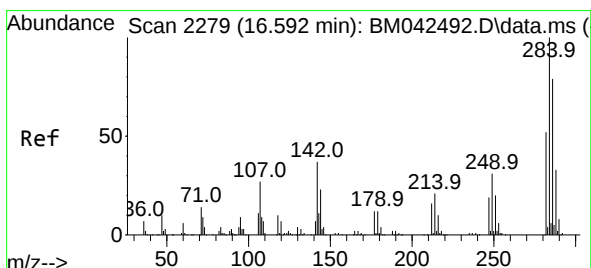
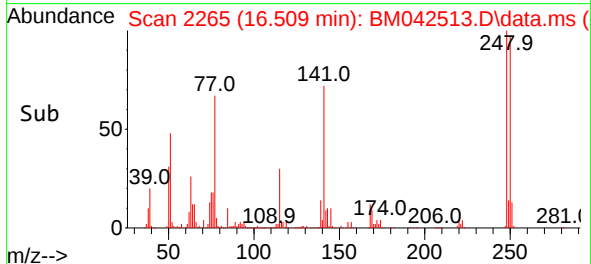
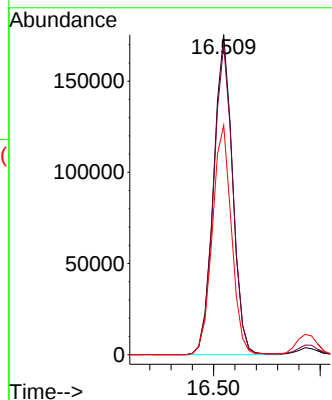
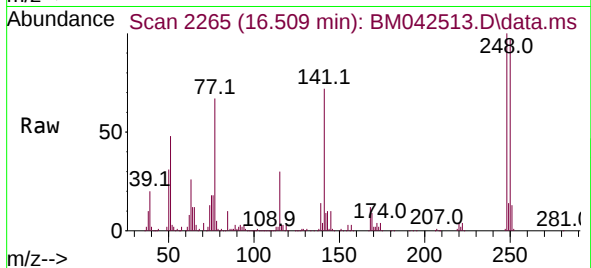




#67
4-Bromophenyl-phenylether
Concen: 46.088 ng
RT: 16.509 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM042513.D
Acq: 31 Oct 2023 16:31

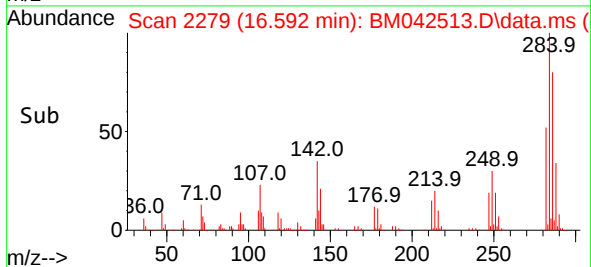
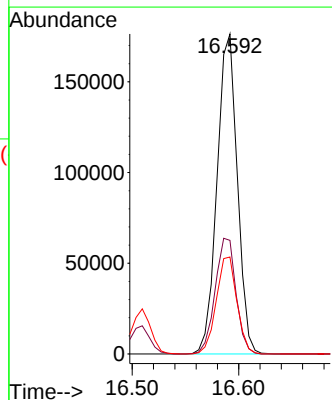
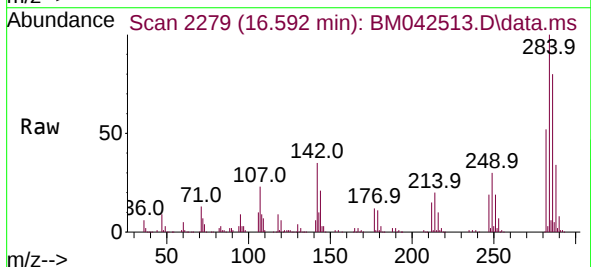
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

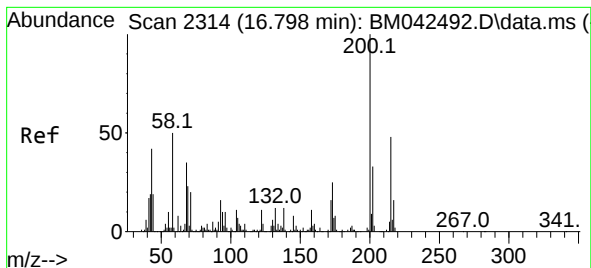
Tgt Ion:248 Resp: 217591
Ion Ratio Lower Upper
248 100
250 96.8 79.4 119.0
141 71.7 57.0 85.6



#68
Hexachlorobenzene
Concen: 44.571 ng
RT: 16.592 min Scan# 2279
Delta R.T. -0.000 min
Lab File: BM042513.D
Acq: 31 Oct 2023 16:31

Tgt Ion:284 Resp: 232794
Ion Ratio Lower Upper
284 100
142 35.5 29.8 44.6
249 30.3 25.1 37.7





#69

Atrazine

Concen: 42.399 ng

RT: 16.792 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM042513.D

Acq: 31 Oct 2023 16:31

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

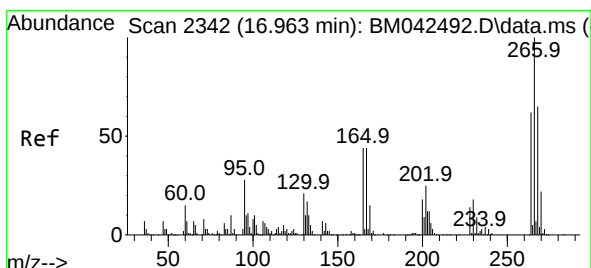
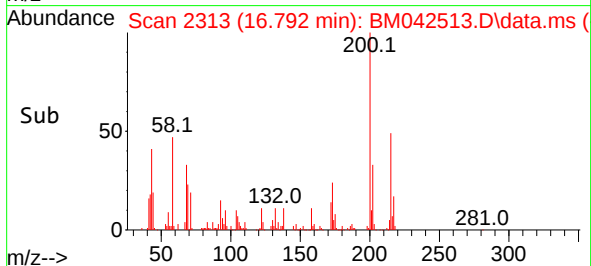
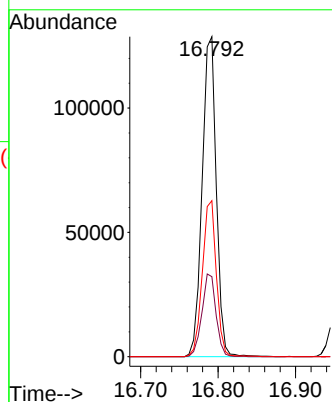
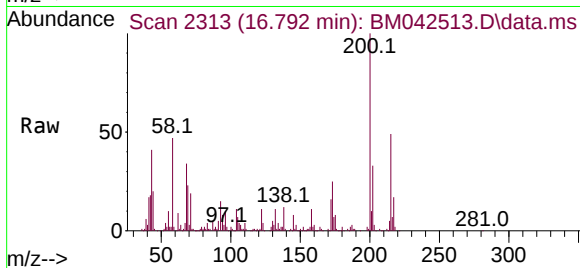
Tgt Ion:200 Resp: 163098

Ion Ratio Lower Upper

200 100

173 25.0 5.4 45.4

215 48.8 27.9 67.9



#70

Pentachlorophenol

Concen: 43.089 ng

RT: 16.956 min Scan# 2341

Delta R.T. -0.007 min

Lab File: BM042513.D

Acq: 31 Oct 2023 16:31

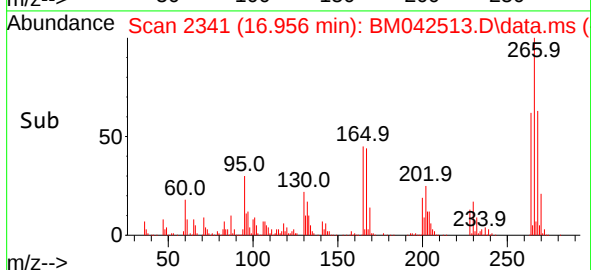
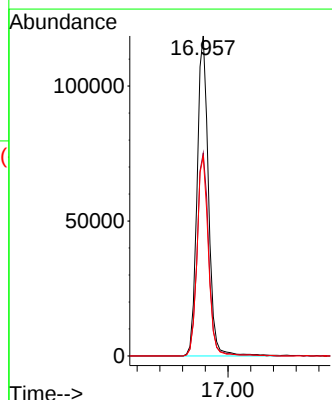
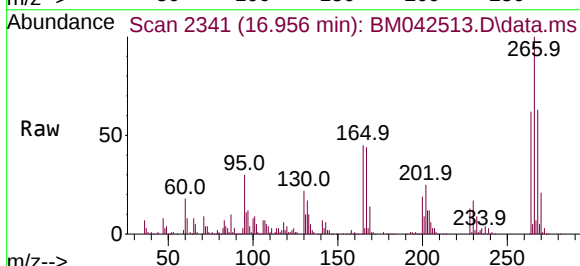
Tgt Ion:266 Resp: 165456

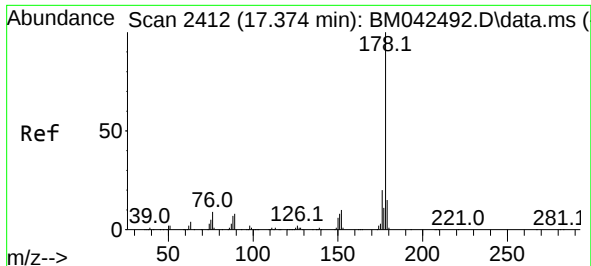
Ion Ratio Lower Upper

266 100

268 63.4 51.7 77.5

264 62.3 49.4 74.2

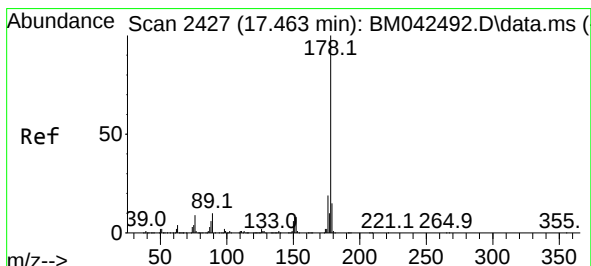
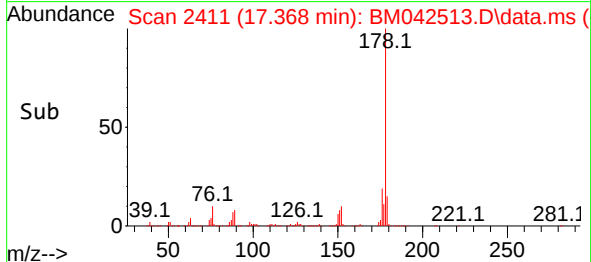
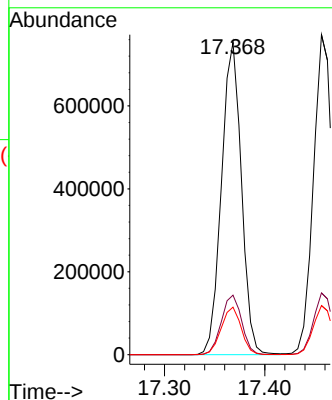
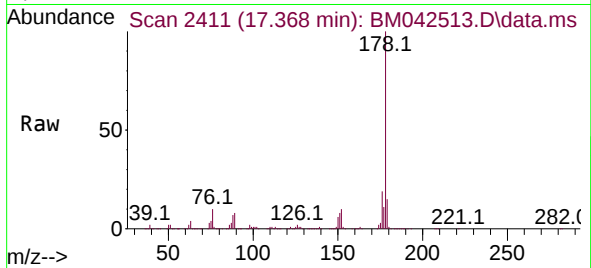




#71
Phenanthrene
Concen: 42.096 ng
RT: 17.368 min Scan# 2412
Delta R.T. -0.006 min
Lab File: BM042513.D
Acq: 31 Oct 2023 16:31

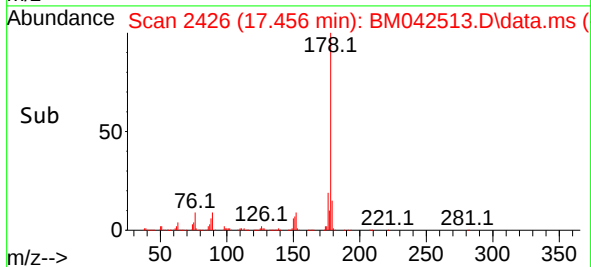
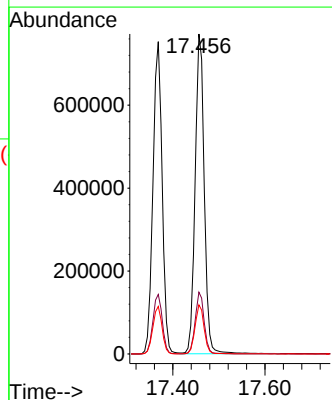
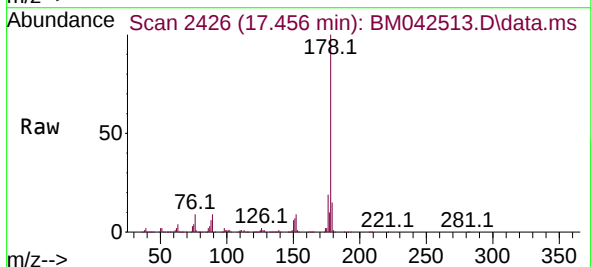
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

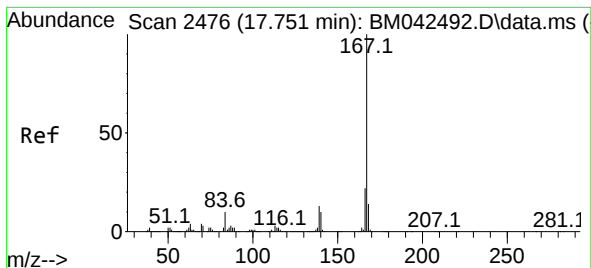
Tgt Ion:178 Resp: 1038672
Ion Ratio Lower Upper
178 100
176 19.0 15.8 23.8
179 15.2 12.2 18.4



#72
Anthracene
Concen: 43.291 ng
RT: 17.456 min Scan# 2426
Delta R.T. -0.006 min
Lab File: BM042513.D
Acq: 31 Oct 2023 16:31

Tgt Ion:178 Resp: 1057997
Ion Ratio Lower Upper
178 100
176 19.3 15.2 22.8
179 15.4 12.3 18.5





#73

Carbazole

Concen: 44.876 ng

RT: 17.745 min Scan# 24

Delta R.T. -0.006 min

Lab File: BM042513.D

Acq: 31 Oct 2023 16:31

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

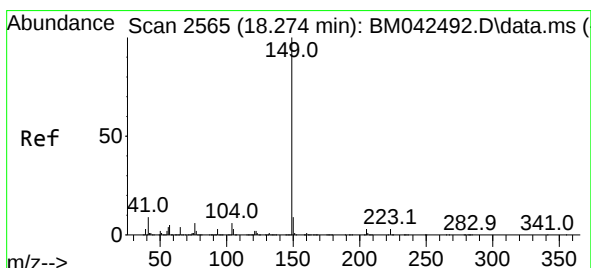
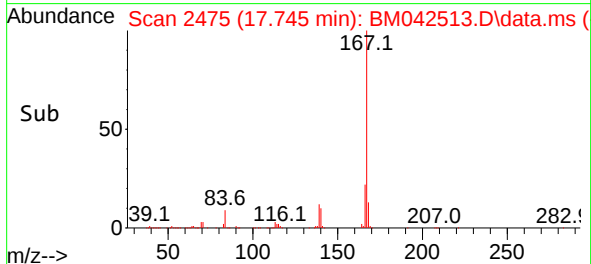
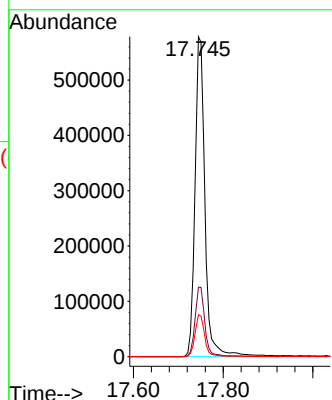
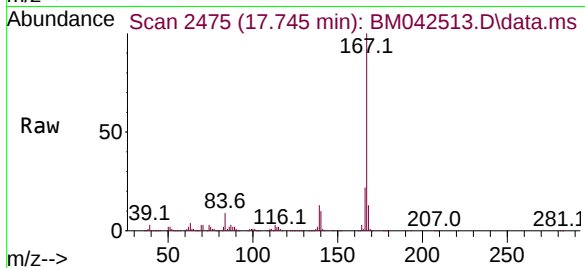
Tgt Ion:167 Resp: 892226

Ion Ratio Lower Upper

167 100

166 21.7 17.4 26.2

139 13.1 10.5 15.7



#74

Di-n-butylphthalate

Concen: 44.177 ng

RT: 18.268 min Scan# 2564

Delta R.T. -0.006 min

Lab File: BM042513.D

Acq: 31 Oct 2023 16:31

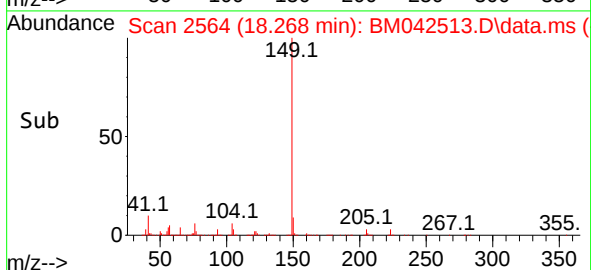
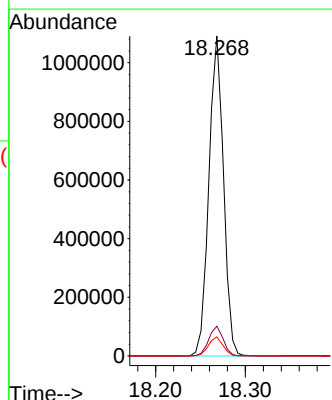
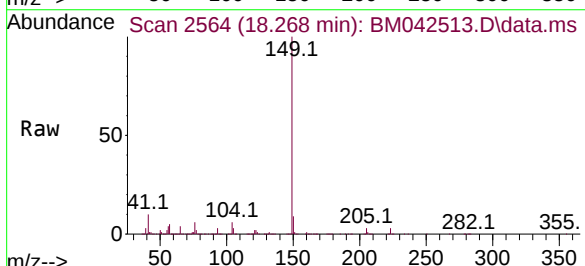
Tgt Ion:149 Resp: 1233432

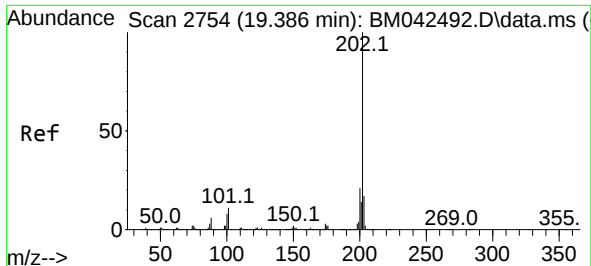
Ion Ratio Lower Upper

149 100

150 9.3 7.0 10.6

104 5.9 4.6 6.8

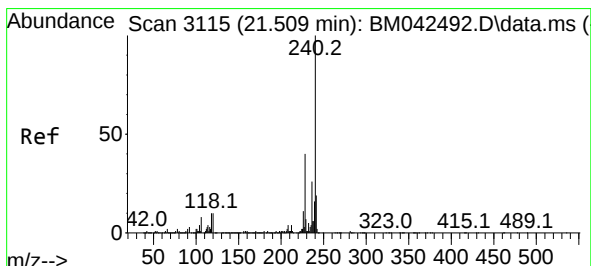
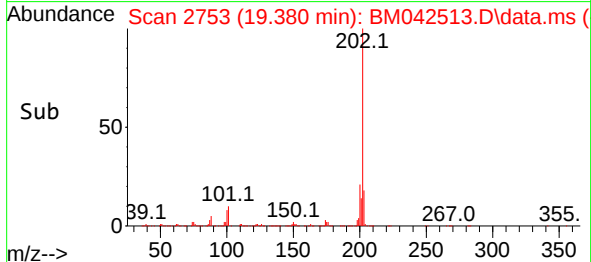
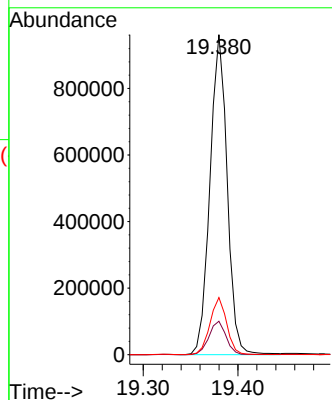
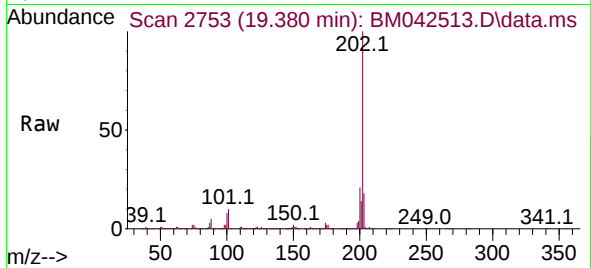




#75
Fluoranthene
Concen: 41.882 ng
RT: 19.380 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM042513.D
Acq: 31 Oct 2023 16:31

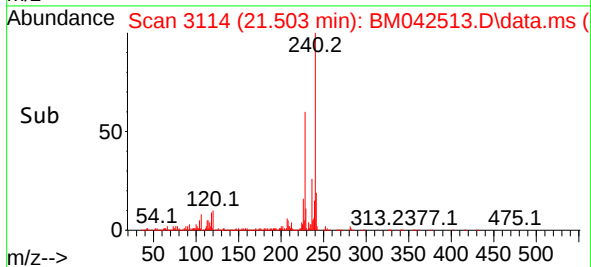
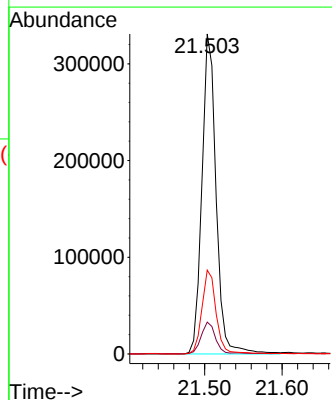
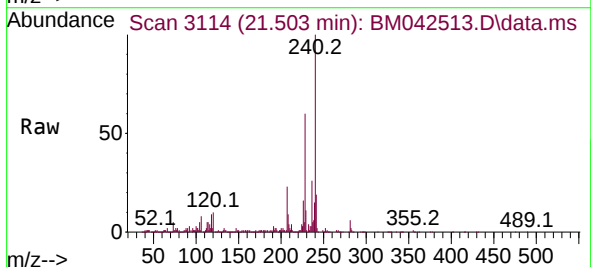
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

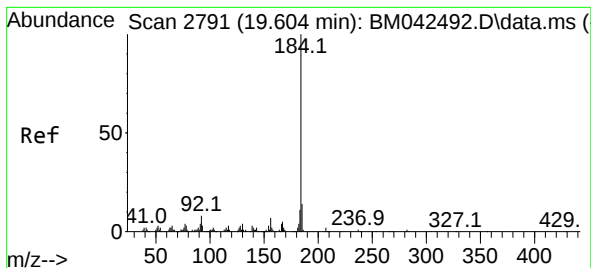
Tgt Ion:202 Resp: 1213892
Ion Ratio Lower Upper
202 100
101 10.5 0.0 30.5
203 17.8 0.0 37.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.503 min Scan# 3114
Delta R.T. -0.006 min
Lab File: BM042513.D
Acq: 31 Oct 2023 16:31

Tgt Ion:240 Resp: 420687
Ion Ratio Lower Upper
240 100
120 10.0 8.3 12.5
236 26.2 20.8 31.2





#77

Benzidine

Concen: 53.494 ng

RT: 19.592 min Scan# 21

Delta R.T. -0.012 min

Lab File: BM042513.D

Acq: 31 Oct 2023 16:31

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

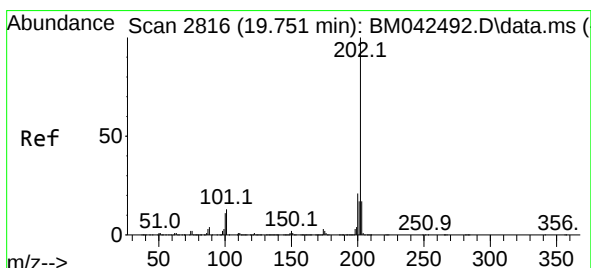
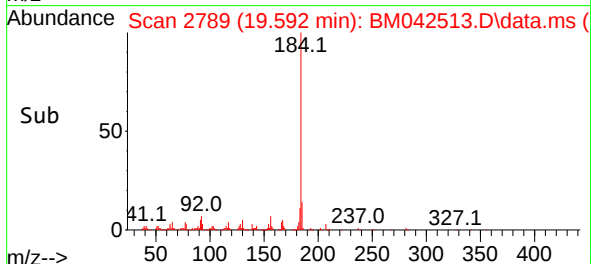
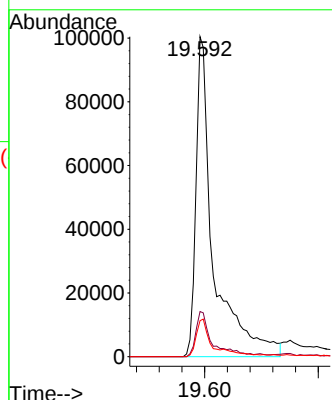
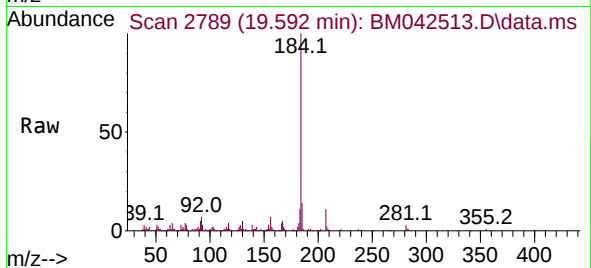
Tgt Ion:184 Resp: 215865

Ion Ratio Lower Upper

184 100

185 14.1 11.2 16.8

183 11.2 9.0 13.4



#78

Pyrene

Concen: 44.006 ng

RT: 19.745 min Scan# 2815

Delta R.T. -0.006 min

Lab File: BM042513.D

Acq: 31 Oct 2023 16:31

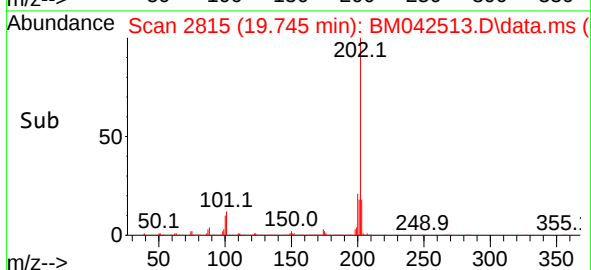
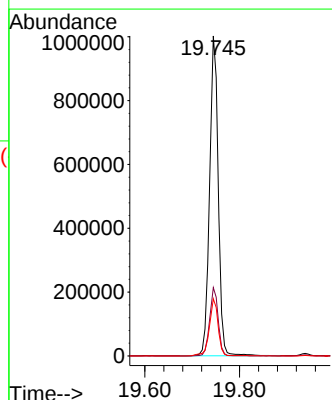
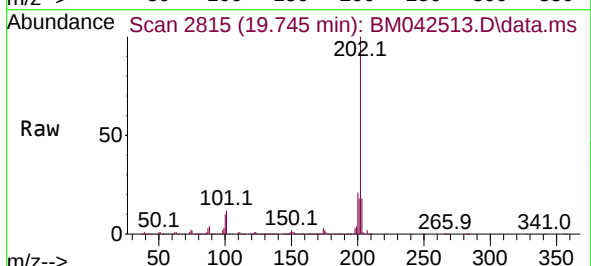
Tgt Ion:202 Resp: 1271221

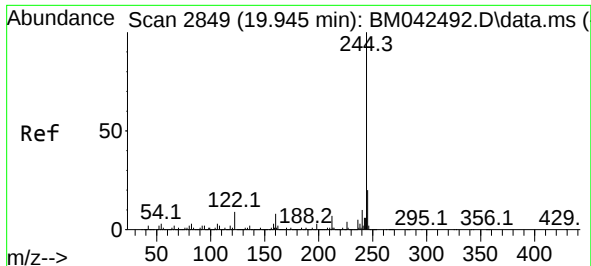
Ion Ratio Lower Upper

202 100

200 21.4 16.9 25.3

203 17.9 13.7 20.5

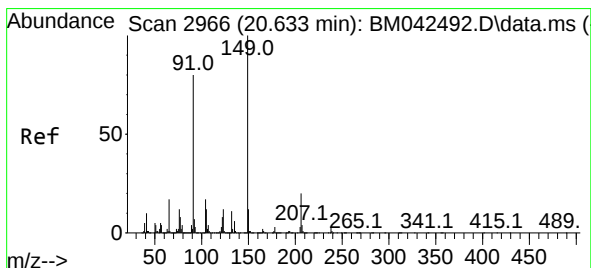
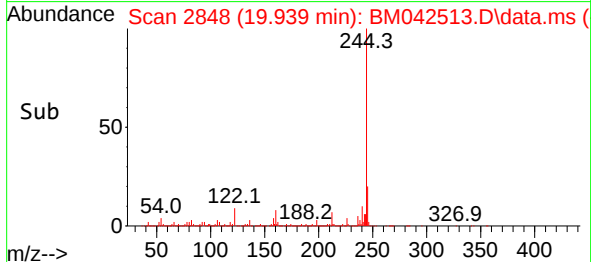
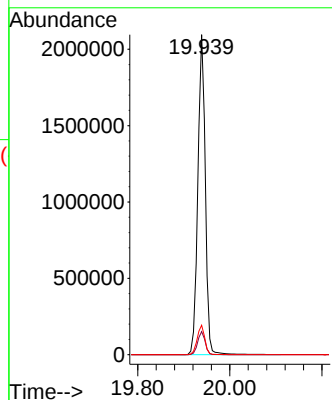
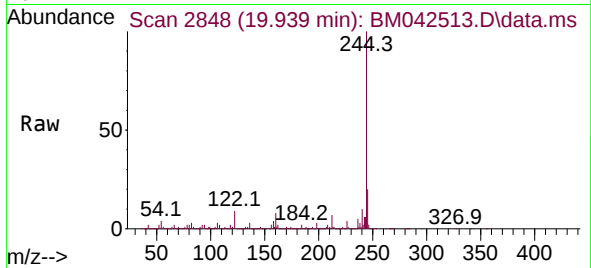




#79
 Terphenyl-d14
 Concen: 94.519 ng
 RT: 19.939 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BM042513.D
 Acq: 31 Oct 2023 16:31

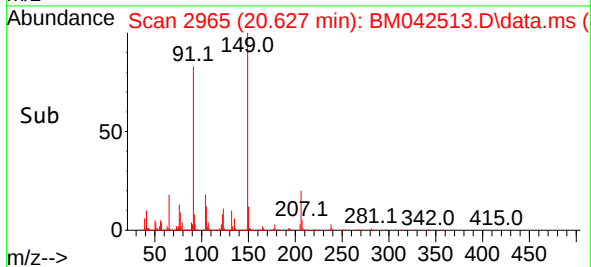
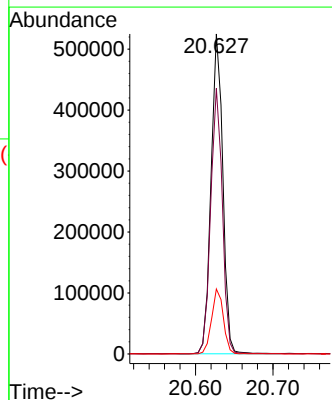
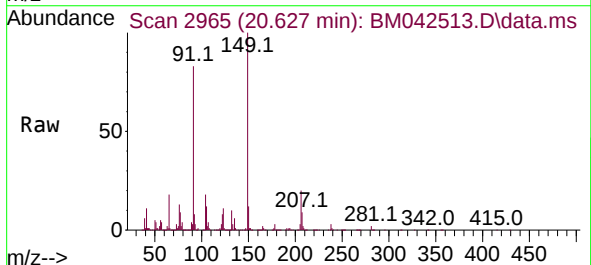
Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC040

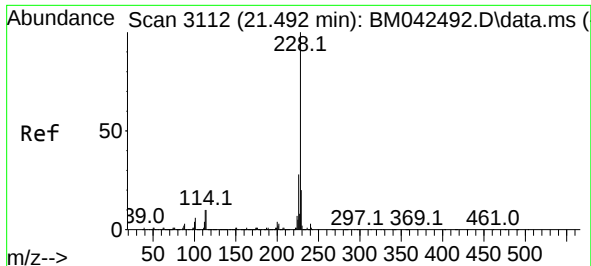
Tgt Ion:244 Resp: 2345066
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.4 8.2
 122 9.2 7.2 10.8



#80
 Butylbenzylphthalate
 Concen: 44.800 ng
 RT: 20.627 min Scan# 2965
 Delta R.T. -0.006 min
 Lab File: BM042513.D
 Acq: 31 Oct 2023 16:31

Tgt Ion:149 Resp: 552739
 Ion Ratio Lower Upper
 149 100
 91 83.0 64.2 96.4
 206 20.3 16.1 24.1

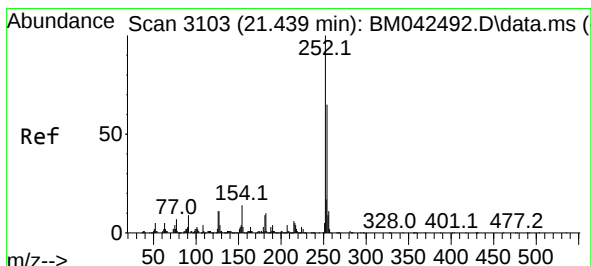
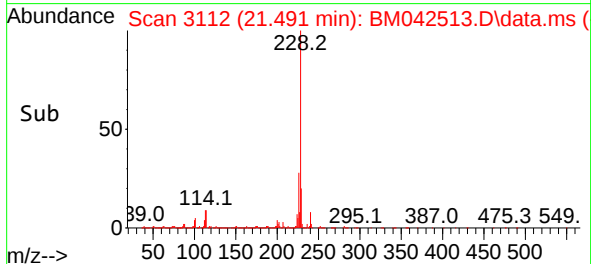
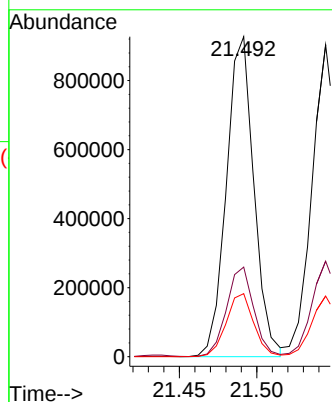
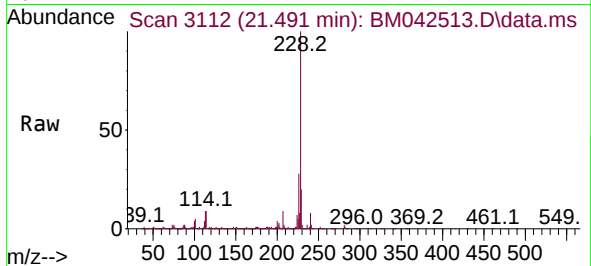




#81
Benzo(a)anthracene
Concen: 42.787 ng
RT: 21.491 min Scan# 3112
Delta R.T. -0.000 min
Lab File: BM042513.D
Acq: 31 Oct 2023 16:31

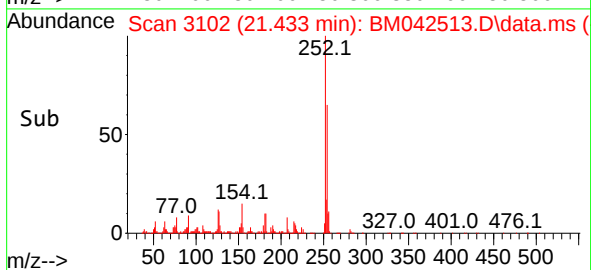
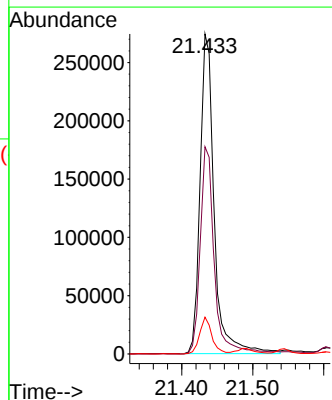
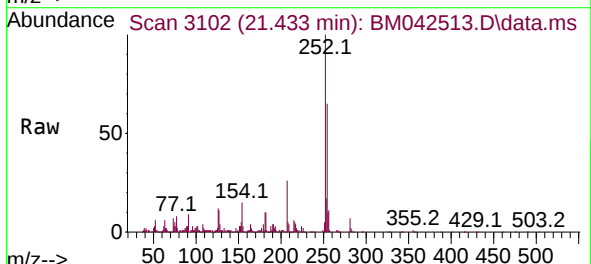
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

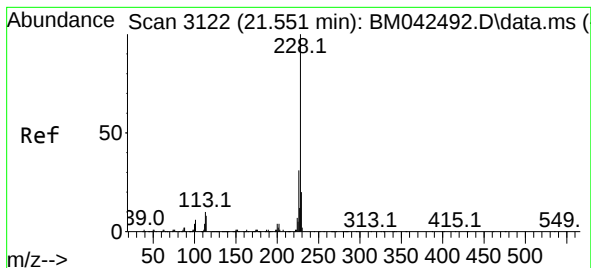
Tgt Ion:228 Resp: 1145240
Ion Ratio Lower Upper
228 100
226 28.0 22.3 33.5
229 19.7 15.8 23.8



#82
3,3'-Dichlorobenzidine
Concen: 44.610 ng
RT: 21.433 min Scan# 3102
Delta R.T. -0.006 min
Lab File: BM042513.D
Acq: 31 Oct 2023 16:31

Tgt Ion:252 Resp: 379485
Ion Ratio Lower Upper
252 100
254 64.8 52.2 78.4
126 11.5 8.9 13.3





#83

Chrysene

Concen: 41.266 ng

RT: 21.544 min Scan# 31

Delta R.T. -0.006 min

Lab File: BM042513.D

Acq: 31 Oct 2023 16:31

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

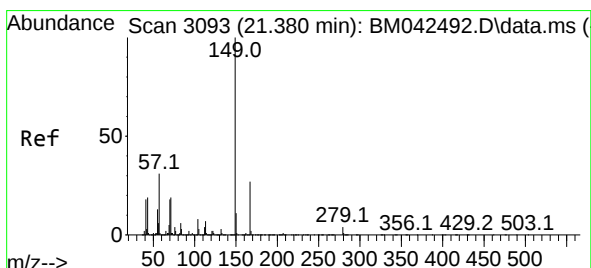
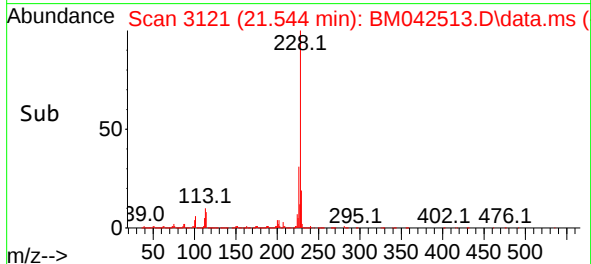
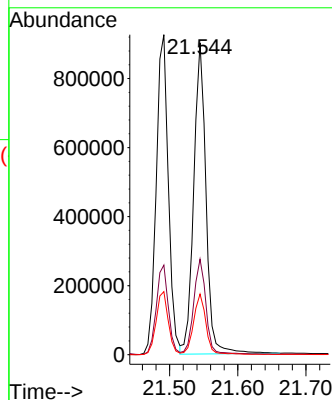
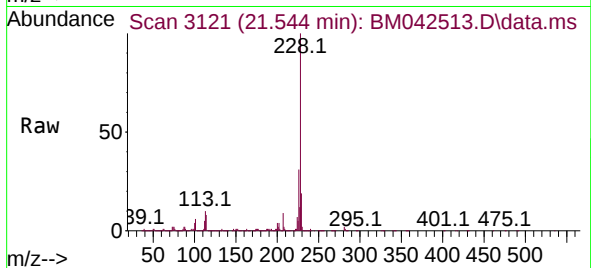
Tgt Ion:228 Resp: 1121979

Ion Ratio Lower Upper

228 100

226 30.6 24.4 36.6

229 19.5 15.7 23.5



#84

Bis(2-ethylhexyl)phthalate

Concen: 43.844 ng

RT: 21.374 min Scan# 3092

Delta R.T. -0.006 min

Lab File: BM042513.D

Acq: 31 Oct 2023 16:31

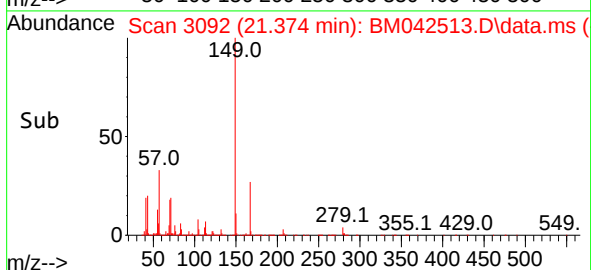
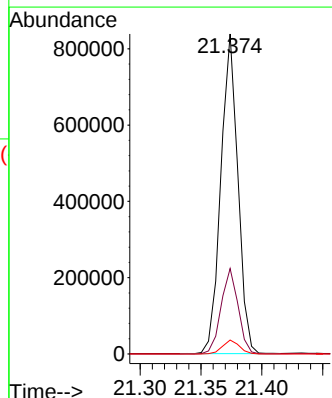
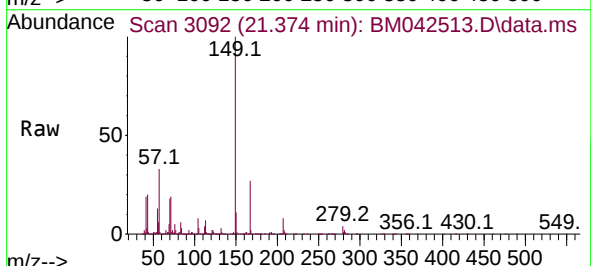
Tgt Ion:149 Resp: 817529

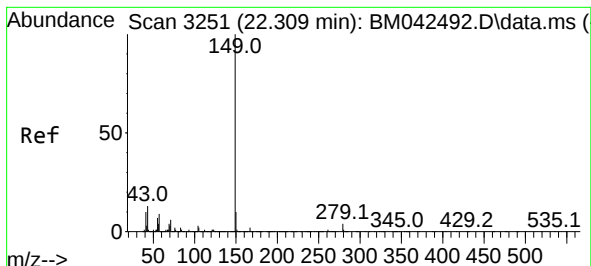
Ion Ratio Lower Upper

149 100

167 26.7 21.4 32.0

279 4.4 3.4 5.2





#85

Di-n-octyl phthalate

Concen: 42.630 ng

RT: 22.303 min Scan# 31

Delta R.T. -0.006 min

Lab File: BM042513.D

Acq: 31 Oct 2023 16:31

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

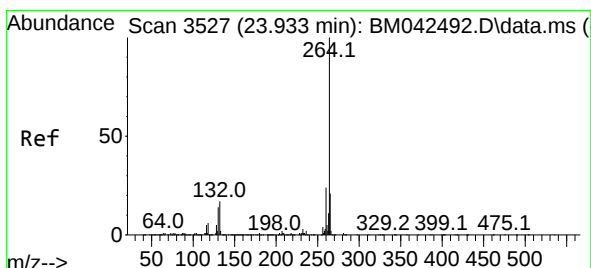
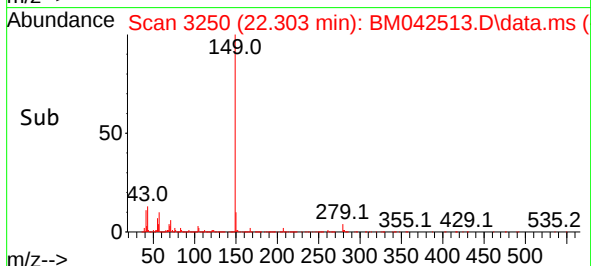
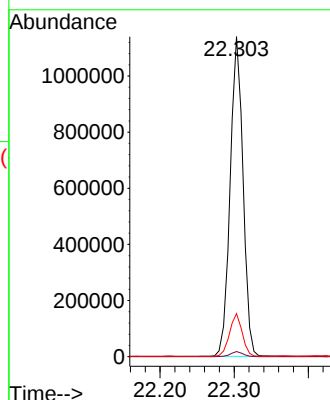
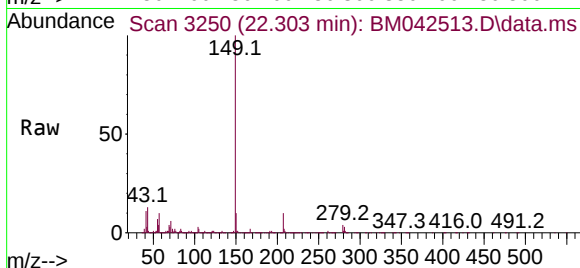
Tgt Ion:149 Resp: 1368228

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

43 13.2 10.2 15.2



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.921 min Scan# 3525

Delta R.T. -0.012 min

Lab File: BM042513.D

Acq: 31 Oct 2023 16:31

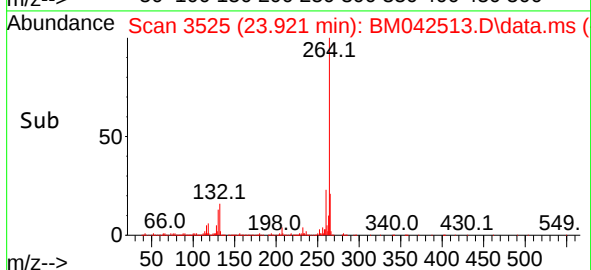
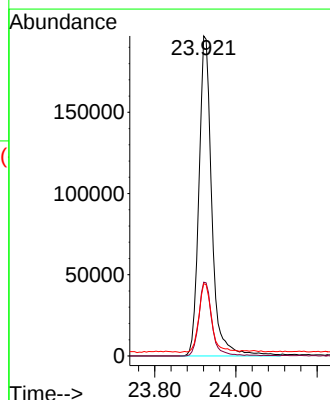
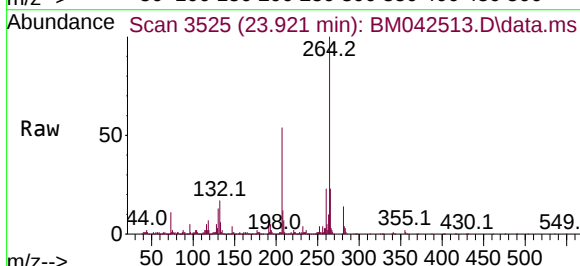
Tgt Ion:264 Resp: 436170

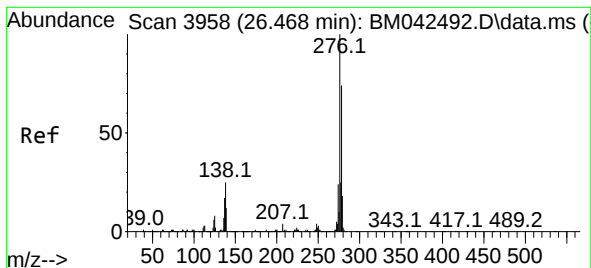
Ion Ratio Lower Upper

264 100

260 23.0 19.0 28.4

265 22.6 18.7 28.1





#87

Indeno(1,2,3-cd)pyrene

Concen: 42.392 ng

RT: 26.450 min Scan# 3399

Delta R.T. -0.018 min

Lab File: BM042513.D

Acq: 31 Oct 2023 16:31

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

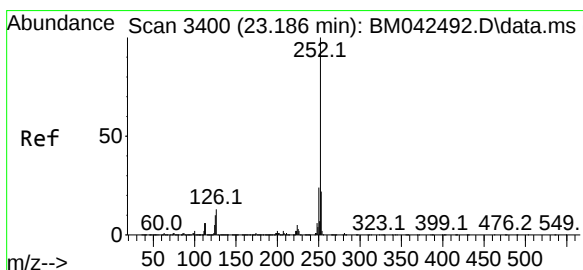
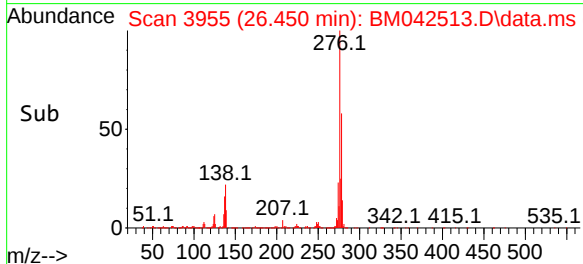
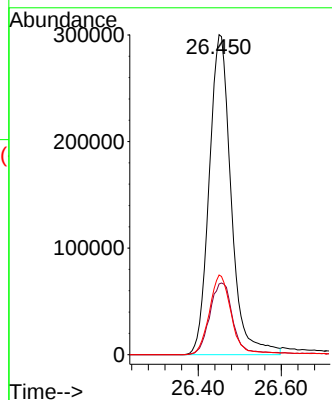
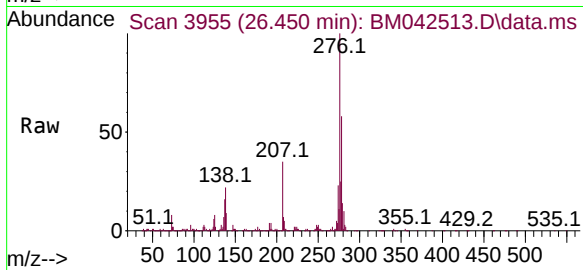
Tgt Ion:276 Resp: 1100493

Ion Ratio Lower Upper

276 100

138 24.3 20.6 31.0

277 25.0 19.5 29.3



#88

Benzo(b)fluoranthene

Concen: 42.187 ng

RT: 23.180 min Scan# 3399

Delta R.T. -0.006 min

Lab File: BM042513.D

Acq: 31 Oct 2023 16:31

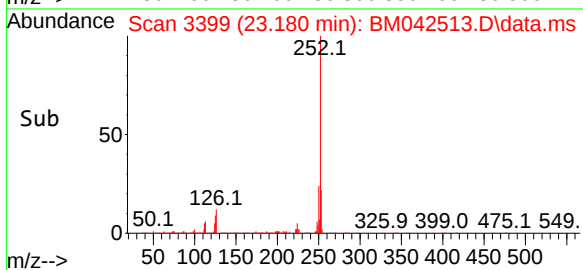
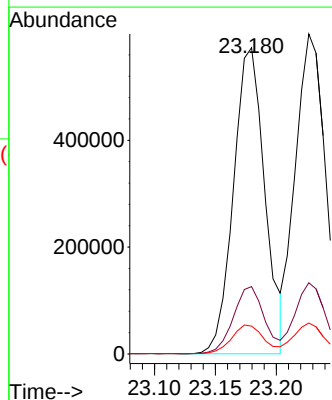
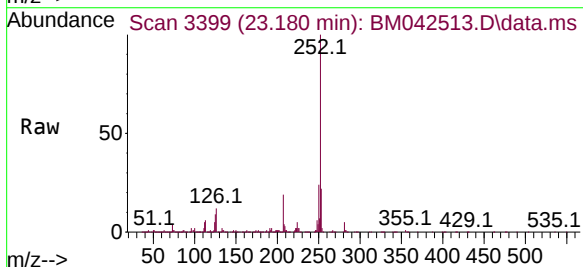
Tgt Ion:252 Resp: 1025141

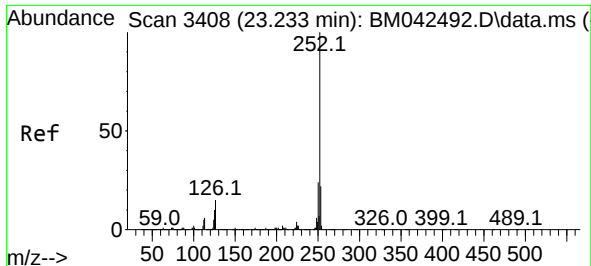
Ion Ratio Lower Upper

252 100

253 22.0 17.5 26.3

125 9.1 7.8 11.6

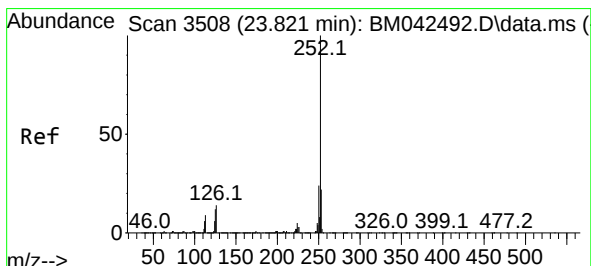
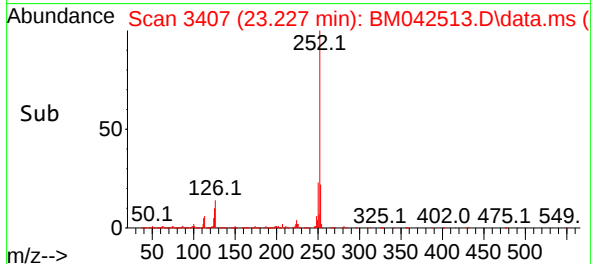
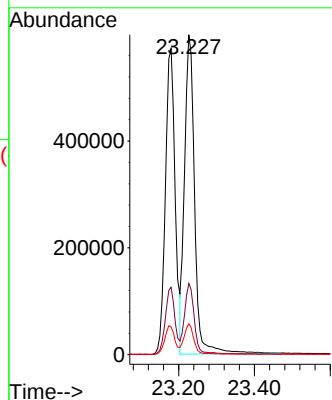
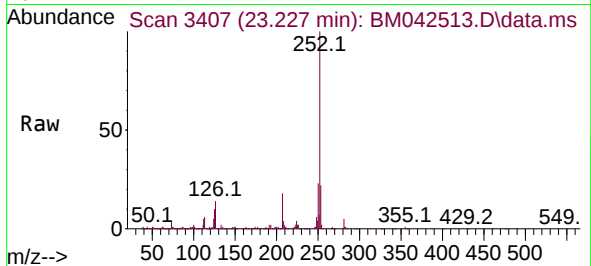




#89
Benzo(k)fluoranthene
Concen: 40.579 ng
RT: 23.227 min Scan# 34
Delta R.T. -0.006 min
Lab File: BM042513.D
Acq: 31 Oct 2023 16:31

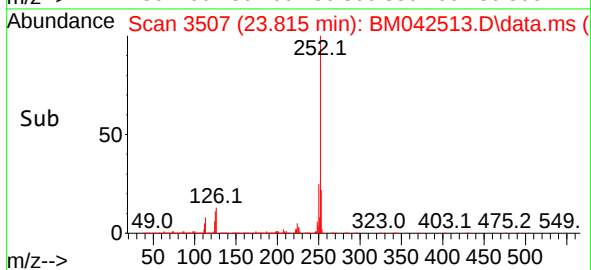
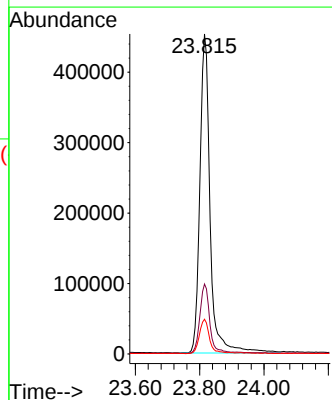
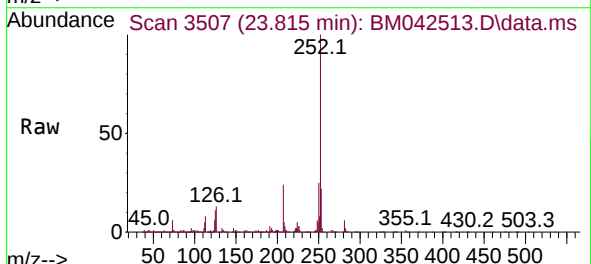
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

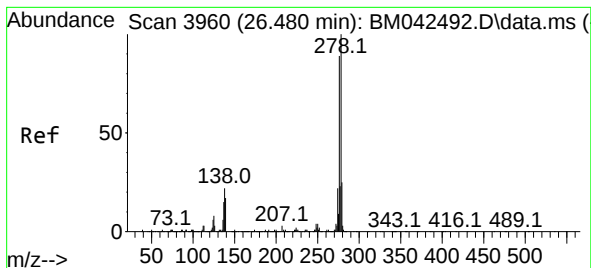
Tgt Ion:252 Resp: 1098770
Ion Ratio Lower Upper
252 100
253 22.3 17.6 26.4
125 9.7 8.2 12.4



#90
Benzo(a)pyrene
Concen: 41.565 ng
RT: 23.815 min Scan# 3507
Delta R.T. -0.006 min
Lab File: BM042513.D
Acq: 31 Oct 2023 16:31

Tgt Ion:252 Resp: 994388
Ion Ratio Lower Upper
252 100
253 21.8 17.5 26.3
125 10.9 9.4 14.2





#91

Dibenzo(a,h)anthracene

Concen: 38.171 ng

RT: 26.468 min Scan# 3958

Delta R.T. -0.012 min

Lab File: BM042513.D

Acq: 31 Oct 2023 16:31

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

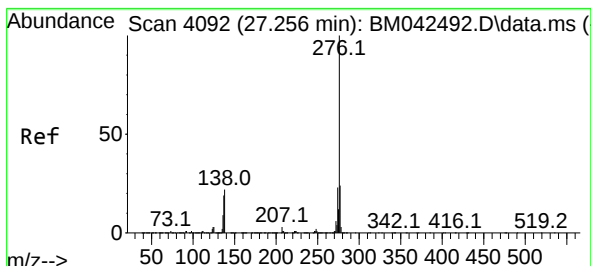
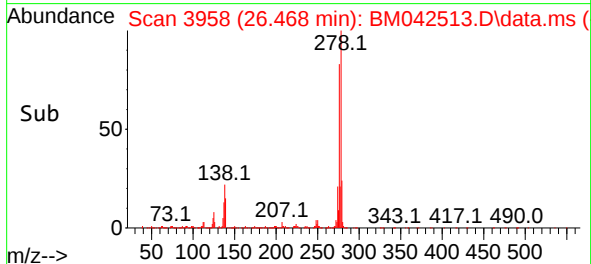
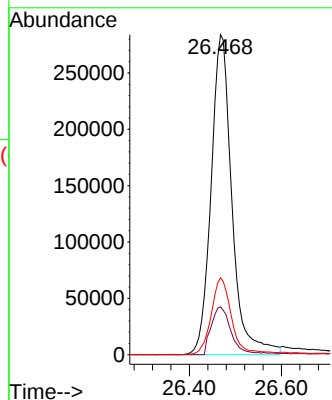
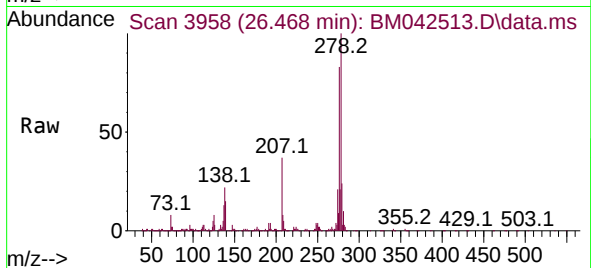
Tgt Ion:278 Resp: 892557

Ion Ratio Lower Upper

278 100

139 14.9 13.4 20.2

279 24.0 19.7 29.5



#92

Benzo(g,h,i)perylene

Concen: 41.515 ng

RT: 27.244 min Scan# 4090

Delta R.T. -0.012 min

Lab File: BM042513.D

Acq: 31 Oct 2023 16:31

Tgt Ion:276 Resp: 949847

Ion Ratio Lower Upper

276 100

277 23.2 19.2 28.8

138 20.9 17.3 25.9

