

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM103123\
 Data File : BM042505.D
 Acq On : 31 Oct 2023 11:12
 Operator : MA/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC040

Quant Time: Nov 01 01:17:49 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	7.928	152	83146	20.000	ng	0.00
21) Naphthalene-d8	10.745	136	352971	20.000	ng	0.00
39) Acenaphthene-d10	14.574	164	226696	20.000	ng	0.00
64) Phenanthrene-d10	17.327	188	512461	20.000	ng	0.00
76) Chrysene-d12	21.509	240	499012	20.000	ng	0.00
86) Perylene-d12	23.927	264	516255	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.463	112	402501	78.126	ng	0.00
7) Phenol-d6	7.093	99	564902	79.950	ng	0.00
23) Nitrobenzene-d5	9.128	82	629263	83.106	ng	0.00
42) 2,4,6-Tribromophenol	16.068	330	265723	89.780	ng	0.00
45) 2-Fluorobiphenyl	13.198	172	1405588	83.431	ng	0.00
79) Terphenyl-d14	19.939	244	2640726	89.730	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.322	88	89217	36.337	ng	98
3) Pyridine	3.752	79	262304	37.242	ng	99
4) n-Nitrosodimethylamine	3.669	42	134799	39.770	ng	93
6) Aniline	7.275	93	358244	39.888	ng	98
8) 2-Chlorophenol	7.487	128	221724	39.913	ng	97
9) Benzaldehyde	7.093	77	162960	40.018	ng	99
10) Phenol	7.122	94	288266	40.171	ng	98
11) bis(2-Chloroethyl)ether	7.369	93	229975	37.882	ng	99
12) 1,3-Dichlorobenzene	7.804	146	237067	39.486	ng	98
13) 1,4-Dichlorobenzene	7.963	146	239872	39.477	ng	96
14) 1,2-Dichlorobenzene	8.275	146	233022	39.721	ng	98
15) Benzyl Alcohol	8.192	79	238778	47.735	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.439	45	181632	18.801	ng	99
17) 2-Methylphenol	8.381	107	208242	40.984	ng	99
18) Hexachloroethane	8.986	117	97533	41.024	ng	95
19) n-Nitroso-di-n-propyla...	8.751	70	213910	42.796	ng	98
20) 3+4-Methylphenols	8.716	107	286037	42.106	ng	95
22) Acetophenone	8.781	105	363774	40.864	ng	# 99
24) Nitrobenzene	9.169	77	307092	41.177	ng	97
25) Isophorone	9.686	82	574694	42.881	ng	99
26) 2-Nitrophenol	9.869	139	124573	39.919	ng	98
27) 2,4-Dimethylphenol	9.916	122	216516	42.230	ng	97
28) bis(2-Chloroethoxy)met...	10.169	93	328736	40.715	ng	99
29) 2,4-Dichlorophenol	10.392	162	222700	43.899	ng	99
30) 1,2,4-Trichlorobenzene	10.592	180	234259	42.136	ng	99
31) Naphthalene	10.798	128	747059	40.965	ng	100
32) Benzoic acid	10.075	122	172293	41.890	ng	98
33) 4-Chloroaniline	10.939	127	316987	44.579	ng	98
34) Hexachlorobutadiene	11.022	225	150929	44.713	ng	99
35) Caprolactam	11.798	113	77800	43.649	ng	94
36) 4-Chloro-3-methylphenol	12.045	107	255706	44.291	ng	99
37) 2-Methylnaphthalene	12.398	142	548481	42.706	ng	99
38) 1-Methylnaphthalene	12.622	142	512269	42.375	ng	100
40) 1,2,4,5-Tetrachloroben...	12.751	216	289088	42.686	ng	99
41) Hexachlorocyclopentadiene	12.692	237	154304	41.207	ng	99
43) 2,4,6-Trichlorophenol	13.010	196	191734	44.201	ng	98

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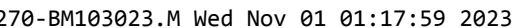
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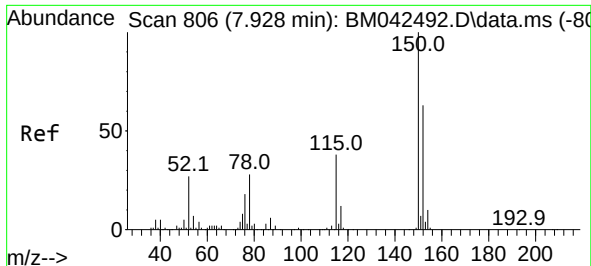
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 31 02:55:18 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.086	196	225481	43.682	ng	96
46) 1,1'-Biphenyl	13.410	154	715963	41.316	ng	100
47) 2-Chloronaphthalene	13.463	162	520865	40.972	ng	100
48) 2-Nitroaniline	13.704	65	200362	39.885	ng	94
49) Acenaphthylene	14.304	152	888982	42.223	ng	99
50) Dimethylphthalate	14.045	163	726725	42.891	ng	99
51) 2,6-Dinitrotoluene	14.192	165	151921	43.506	ng	97
52) Acenaphthene	14.639	154	530287	41.501	ng	99
53) 3-Nitroaniline	14.533	138	157225	40.862	ng	98
54) 2,4-Dinitrophenol	14.733	184	92888	41.604	ng	97
55) Dibenzofuran	14.974	168	879559	42.337	ng	100
56) 4-Nitrophenol	14.827	139	119107	41.227	ng	97
57) 2,4-Dinitrotoluene	14.968	165	212057	40.730	ng	99
58) Fluorene	15.621	166	720986	42.892	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.192	232	197137	45.343	ng	98
60) Diethylphthalate	15.392	149	754865	43.976	ng	99
61) 4-Chlorophenyl-phenyle...	15.615	204	376332	44.316	ng	97
62) 4-Nitroaniline	15.692	138	146044	42.501	ng	94
63) Azobenzene	15.910	77	825431	43.637	ng	98
65) 4,6-Dinitro-2-methylph...	15.721	198	134633	41.734	ng	95
66) n-Nitrosodiphenylamine	15.839	169	612054	42.358	ng	98
67) 4-Bromophenyl-phenylether	16.510	248	228946	44.679	ng	97
68) Hexachlorobenzene	16.592	284	244590	43.145	ng	97
69) Atrazine	16.792	200	184561	44.204	ng	99
70) Pentachlorophenol	16.957	266	187512	44.992	ng	99
71) Phenanthrene	17.368	178	1130169	42.201	ng	100
72) Anthracene	17.462	178	1147213	43.248	ng	100
73) Carbazole	17.751	167	1012009	46.897	ng	100
74) Di-n-butylphthalate	18.268	149	1431449	47.237	ng	100
75) Fluoranthene	19.380	202	1405325	44.672	ng	99
77) Benzidine	19.598	184	274953	57.441	ng	99
78) Pyrene	19.745	202	1462896	42.693	ng	100
80) Butylbenzylphthalate	20.627	149	675872	46.182	ng	99
81) Benzo(a)anthracene	21.492	228	1356250	42.717	ng	100
82) 3,3'-Dichlorobenzidine	21.433	252	478964	47.467	ng	100
83) Chrysene	21.545	228	1294865	40.149	ng	100
84) Bis(2-ethylhexyl)phtha...	21.374	149	1010987	45.709	ng	99
85) Di-n-octyl phthalate	22.303	149	1671671	43.910	ng	99
87) Indeno(1,2,3-cd)pyrene	26.456	276	1348514	43.888	ng	96
88) Benzo(b)fluoranthene	23.180	252	1191698	41.434	ng	99
89) Benzo(k)fluoranthene	23.233	252	1283750	40.055	ng	98
90) Benzo(a)pyrene	23.821	252	1173969	41.459	ng	98
91) Dibenzo(a,h)anthracene	26.474	278	1118608	40.173	ng	97
92) Benzo(g,h,i)perylene	27.250	276	1149144	42.434	ng	97

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

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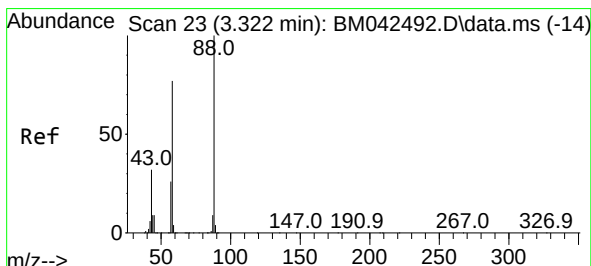
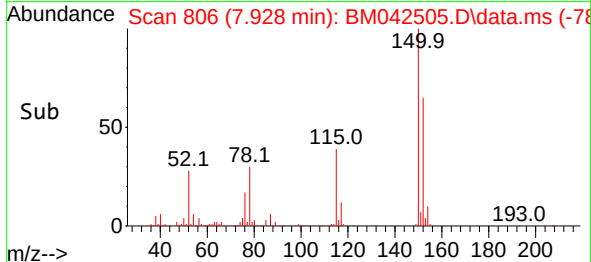
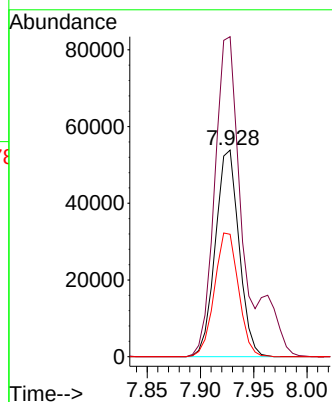
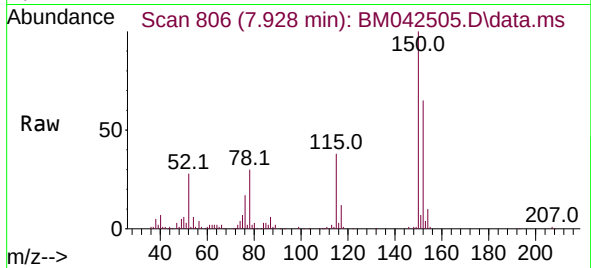




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.928 min Scan# 80
Delta R.T. -0.000 min
Lab File: BM042505.D
Acq: 31 Oct 2023 11:12

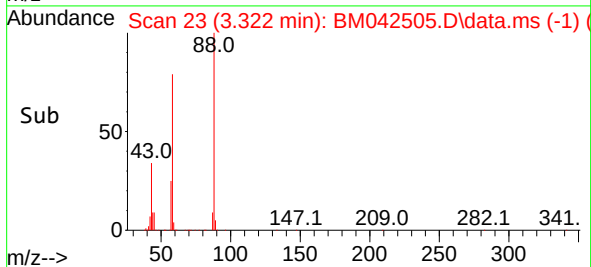
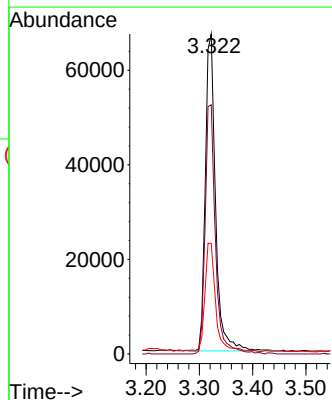
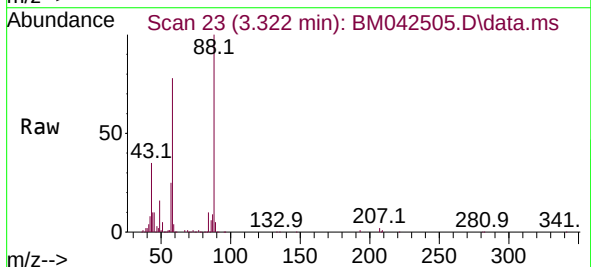
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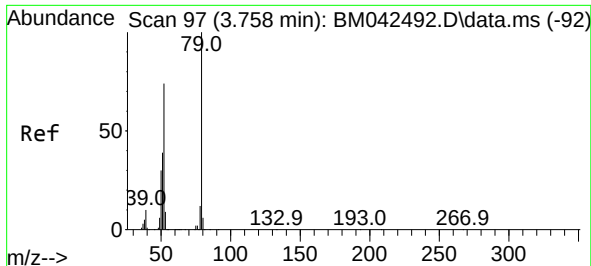
Tgt Ion:152 Resp: 83146
Ion Ratio Lower Upper
152 100
150 154.9 127.4 191.0
115 59.3 47.9 71.9



#2
1,4-Dioxane
Concen: 36.337 ng
RT: 3.322 min Scan# 23
Delta R.T. -0.000 min
Lab File: BM042505.D
Acq: 31 Oct 2023 11:12

Tgt Ion: 88 Resp: 89217
Ion Ratio Lower Upper
88 100
58 79.2 62.6 93.8
43 35.6 26.5 39.7

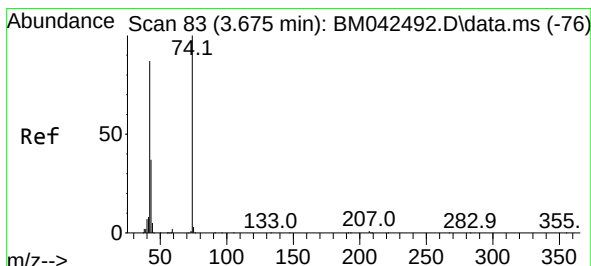
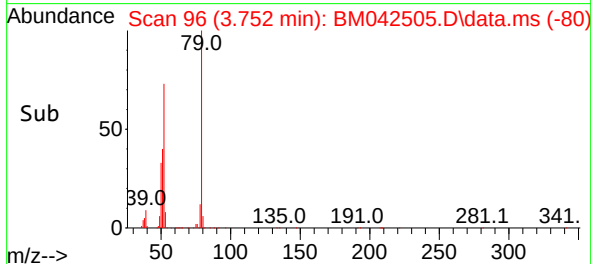
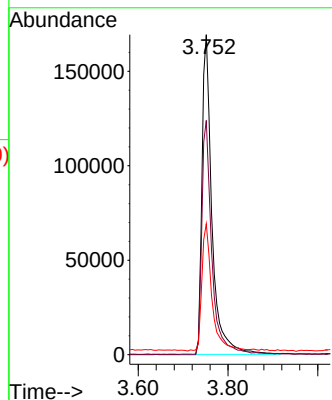
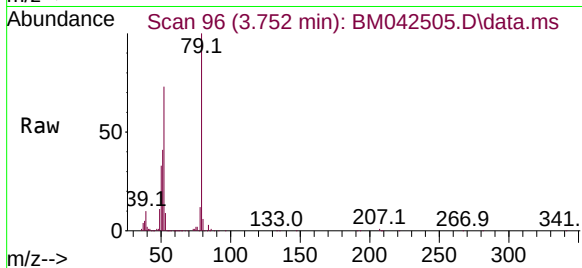




#3
 Pyridine
 Concen: 37.242 ng
 RT: 3.752 min Scan# 90
 Delta R.T. -0.006 min
 Lab File: BM042505.D
 Acq: 31 Oct 2023 11:12

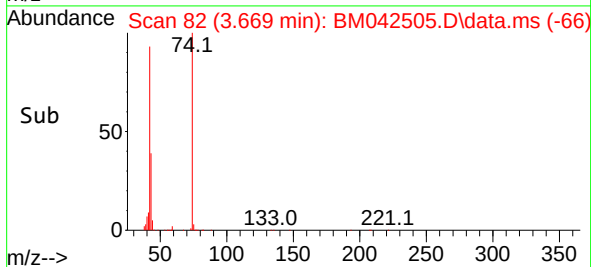
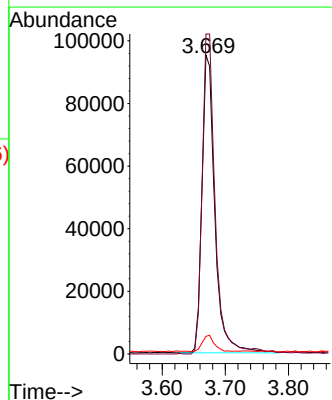
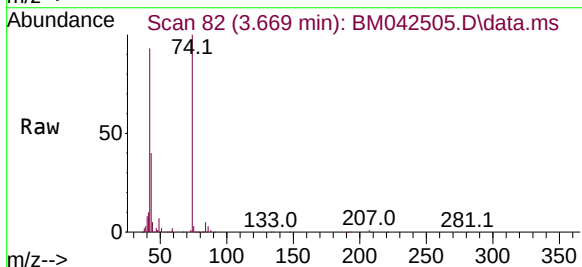
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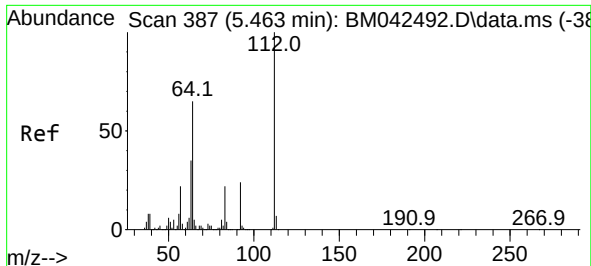
Tgt Ion: 79 Resp: 262304
 Ion Ratio Lower Upper
 79 100
 52 73.2 59.3 88.9
 51 40.9 32.7 49.1



#4
 n-Nitrosodimethylamine
 Concen: 39.770 ng
 RT: 3.669 min Scan# 82
 Delta R.T. -0.006 min
 Lab File: BM042505.D
 Acq: 31 Oct 2023 11:12

Tgt Ion: 42 Resp: 134799
 Ion Ratio Lower Upper
 42 100
 74 107.1 92.2 138.2
 44 5.9 5.1 7.7

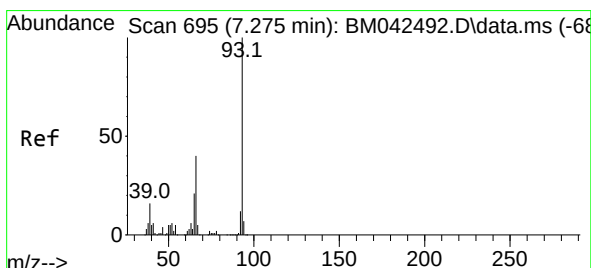
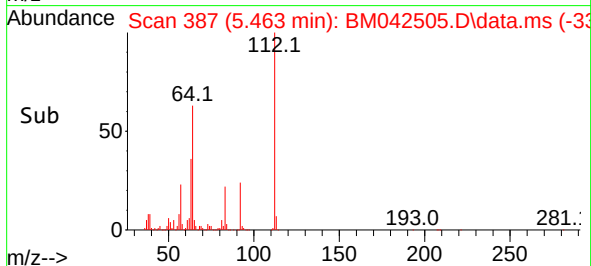
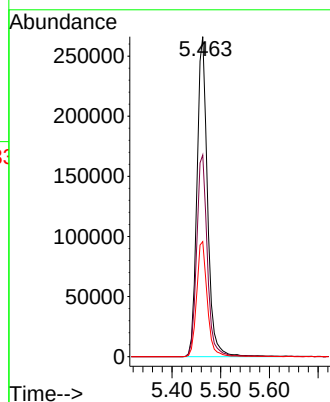
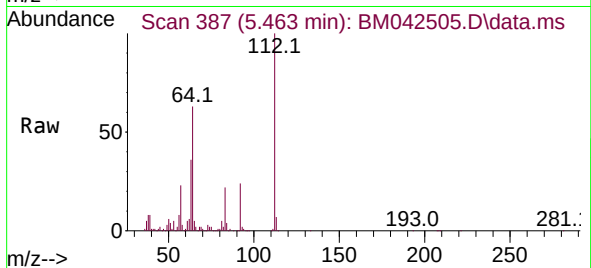




#5
2-Fluorophenol
Concen: 78.126 ng
RT: 5.463 min Scan# 387
Delta R.T. -0.000 min
Lab File: BM042505.D
Acq: 31 Oct 2023 11:12

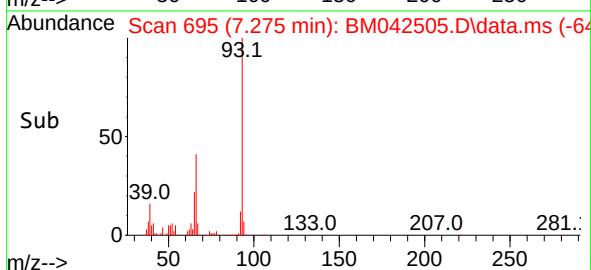
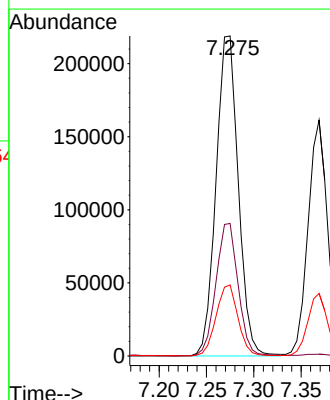
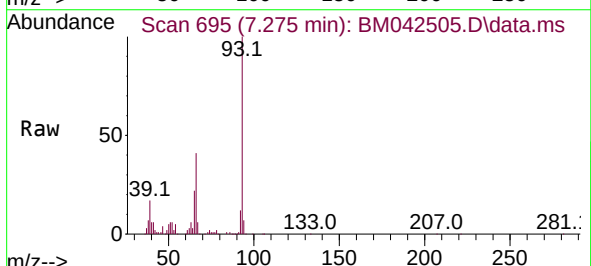
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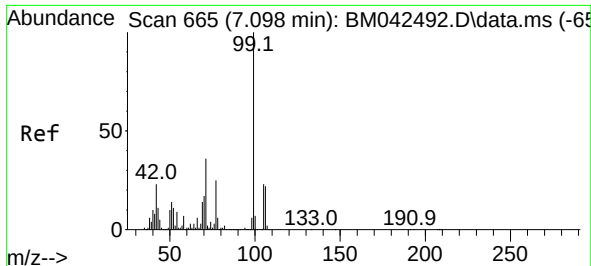
Tgt Ion:112 Resp: 402501
Ion Ratio Lower Upper
112 100
64 63.0 52.1 78.1
63 36.0 28.3 42.5



#6
Aniline
Concen: 39.888 ng
RT: 7.275 min Scan# 695
Delta R.T. -0.000 min
Lab File: BM042505.D
Acq: 31 Oct 2023 11:12

Tgt Ion: 93 Resp: 358244
Ion Ratio Lower Upper
93 100
66 41.4 32.2 48.2
65 22.2 17.0 25.6

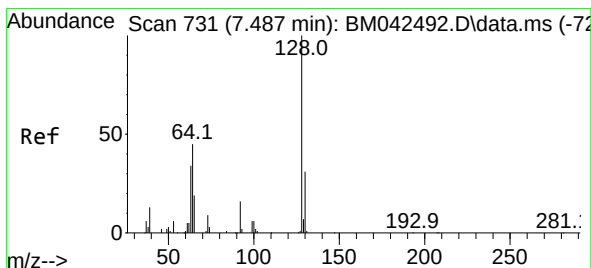
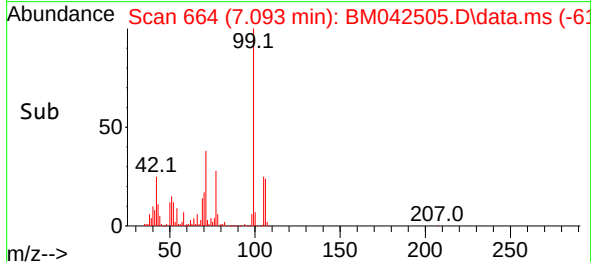
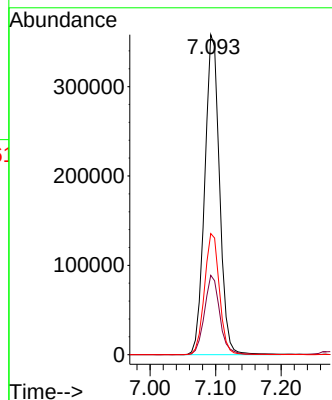
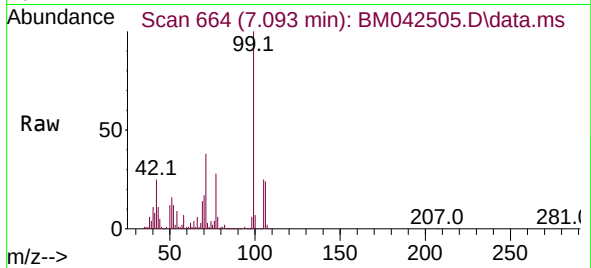




#7
Phenol-d6
Concen: 79.950 ng
RT: 7.093 min Scan# 665
Delta R.T. -0.006 min
Lab File: BM042505.D
Acq: 31 Oct 2023 11:12

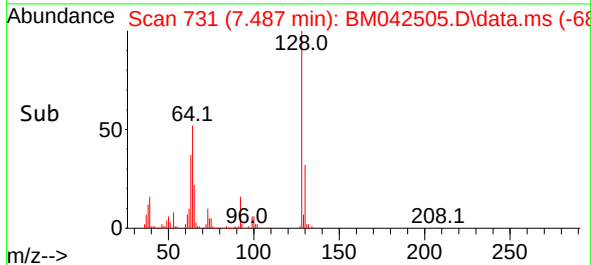
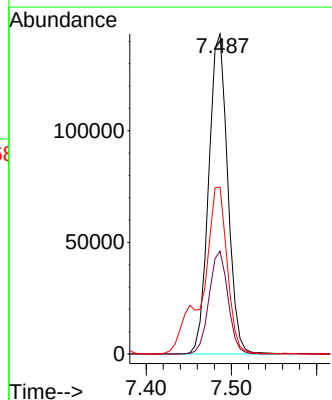
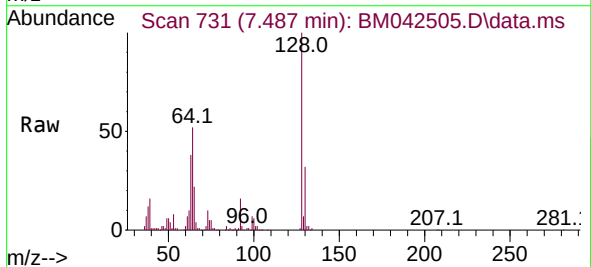
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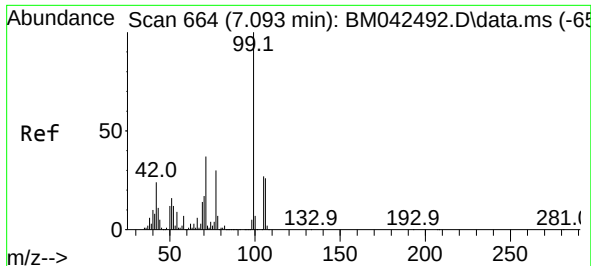
Tgt Ion: 99 Resp: 564902
Ion Ratio Lower Upper
99 100
42 24.8 18.7 28.1
71 37.8 29.1 43.7



#8
2-Chlorophenol
Concen: 39.913 ng
RT: 7.487 min Scan# 731
Delta R.T. -0.000 min
Lab File: BM042505.D
Acq: 31 Oct 2023 11:12

Tgt Ion: 128 Resp: 221724
Ion Ratio Lower Upper
128 100
130 32.1 11.2 51.2
64 52.2 34.4 74.4

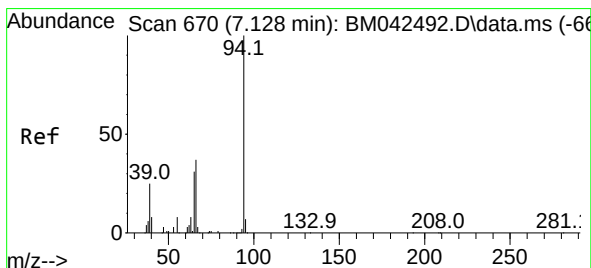
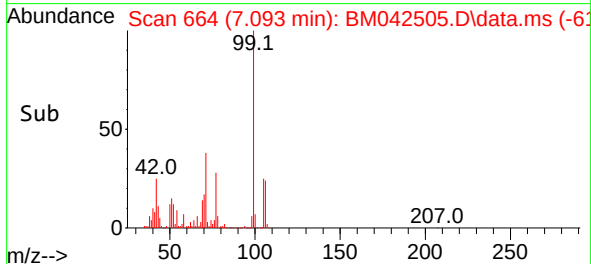
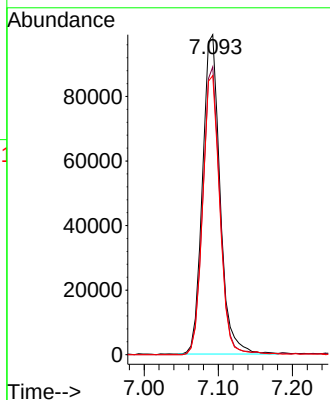
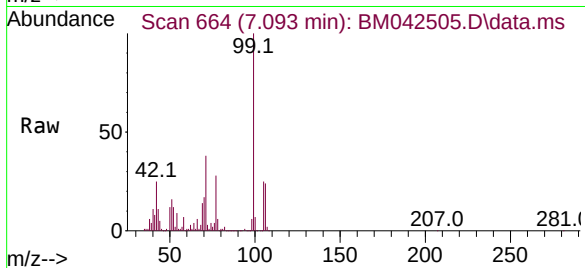




#9
Benzaldehyde
Concen: 40.018 ng
RT: 7.093 min Scan# 664
Delta R.T. -0.000 min
Lab File: BM042505.D
Acq: 31 Oct 2023 11:12

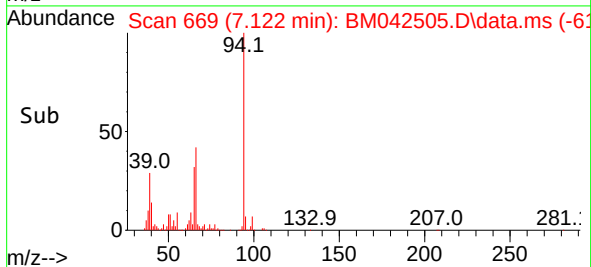
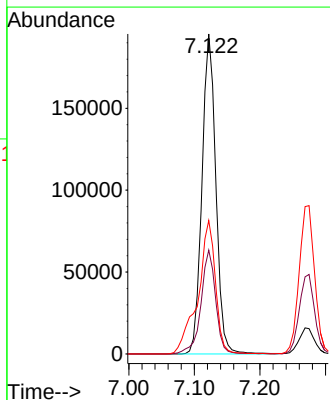
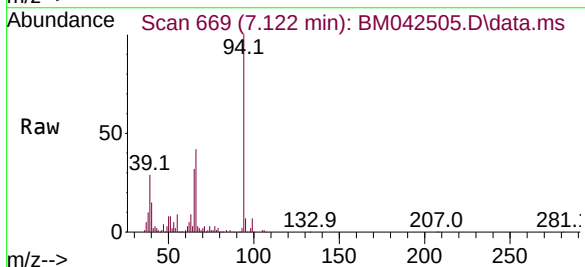
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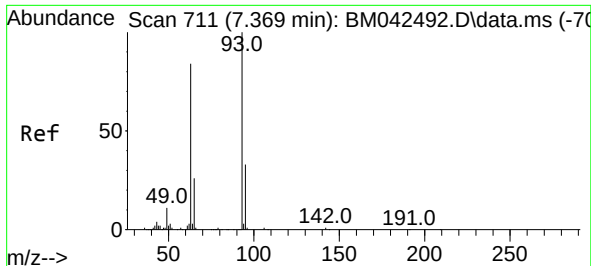
Tgt Ion: 77 Resp: 162960
Ion Ratio Lower Upper
77 100
105 90.0 69.7 109.7
106 87.2 66.4 106.4



#10
Phenol
Concen: 40.171 ng
RT: 7.122 min Scan# 669
Delta R.T. -0.006 min
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Tgt Ion: 94 Resp: 288266
Ion Ratio Lower Upper
94 100
65 32.5 11.5 51.5
66 41.7 20.0 60.0

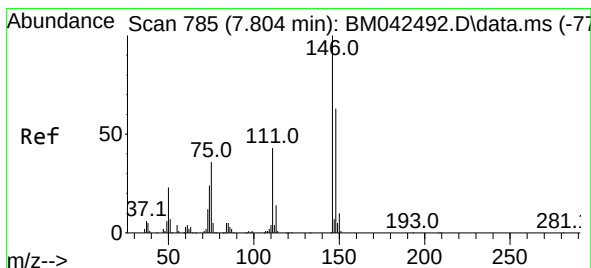
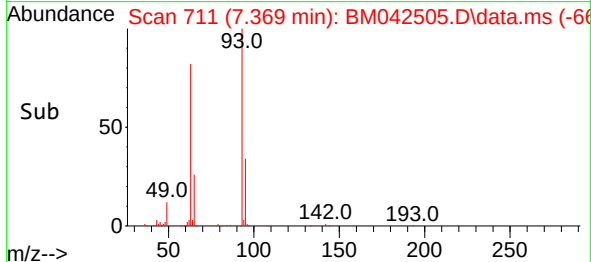
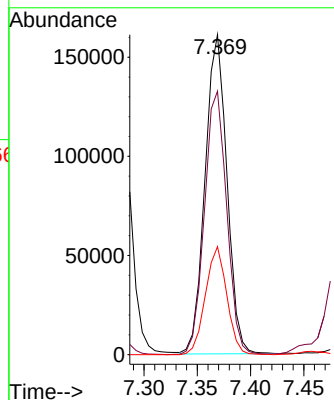
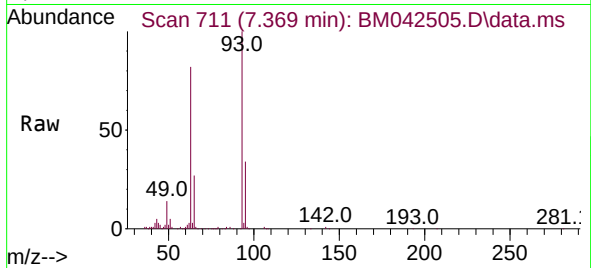




#11
bis(2-Chloroethyl)ether
Concen: 37.882 ng
RT: 7.369 min Scan# 711
Delta R.T. -0.000 min
Lab File: BM042505.D
Acq: 31 Oct 2023 11:12

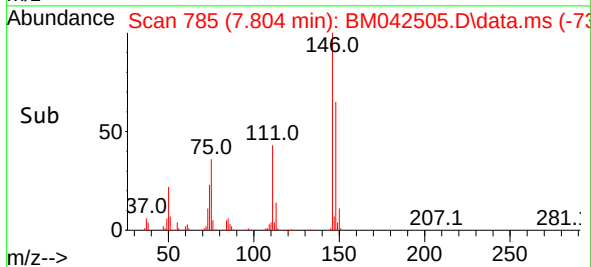
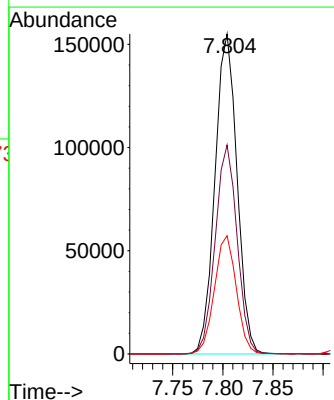
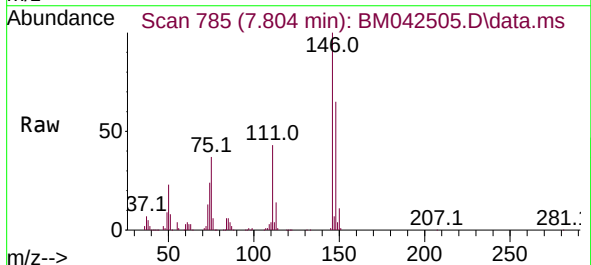
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

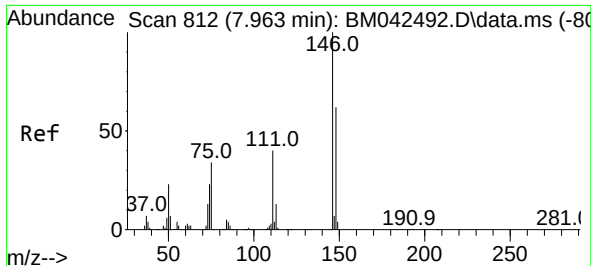
Tgt Ion: 93 Resp: 229975
Ion Ratio Lower Upper
93 100
63 82.3 63.2 103.2
95 33.7 12.3 52.3



#12
1,3-Dichlorobenzene
Concen: 39.486 ng
RT: 7.804 min Scan# 785
Delta R.T. -0.000 min
Lab File: BM042505.D
Acq: 31 Oct 2023 11:12

Tgt Ion:146 Resp: 237067
Ion Ratio Lower Upper
146 100
148 65.3 50.4 75.6
75 36.9 28.9 43.3





#13

1,4-Dichlorobenzene

Concen: 39.477 ng

RT: 7.963 min Scan# 812

Delta R.T. -0.000 min

Lab File: BM042505.D

Acq: 31 Oct 2023 11:12

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

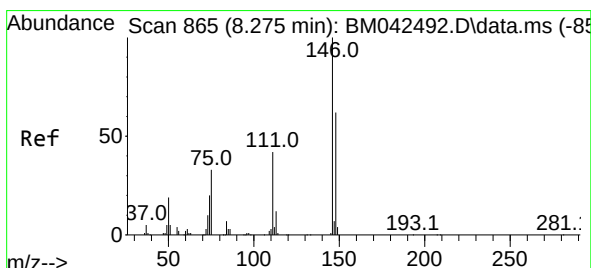
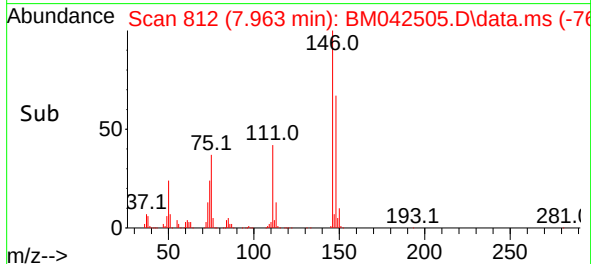
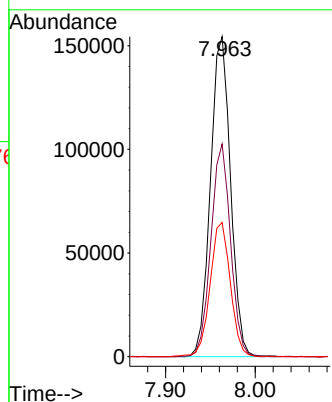
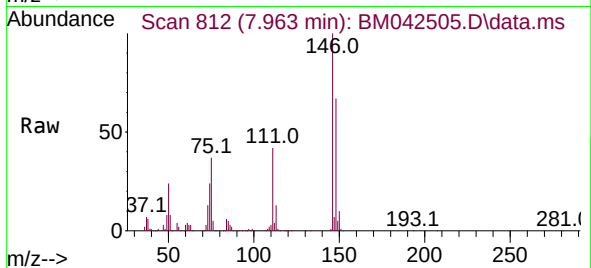
Tgt Ion:146 Resp: 239872

Ion Ratio Lower Upper

146 100

148 66.5 50.0 75.0

111 42.0 32.5 48.7



#14

1,2-Dichlorobenzene

Concen: 39.721 ng

RT: 8.275 min Scan# 865

Delta R.T. -0.000 min

Lab File: BM042505.D

Acq: 31 Oct 2023 11:12

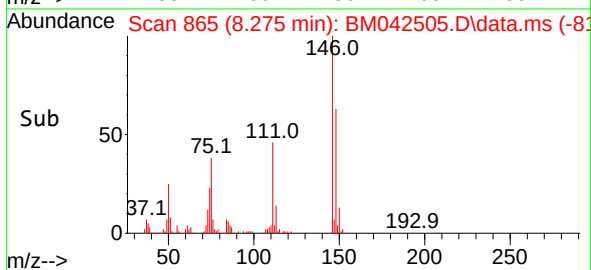
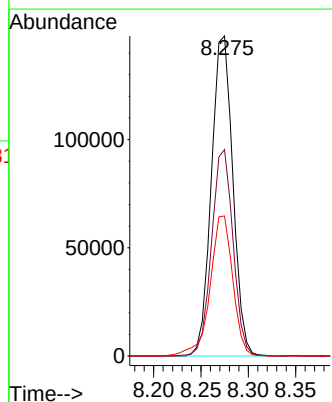
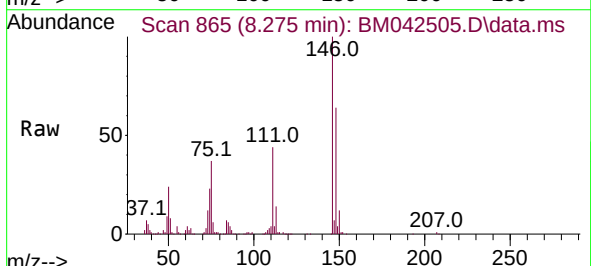
Tgt Ion:146 Resp: 233022

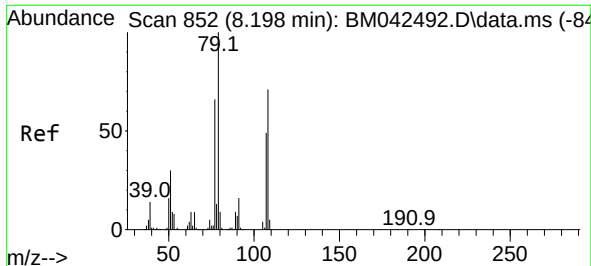
Ion Ratio Lower Upper

146 100

148 64.5 50.0 75.0

111 43.7 34.5 51.7

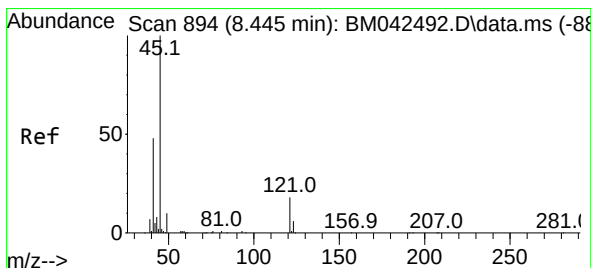
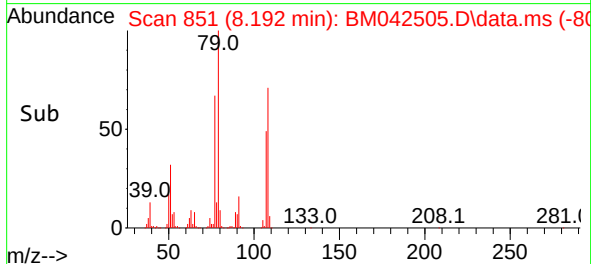
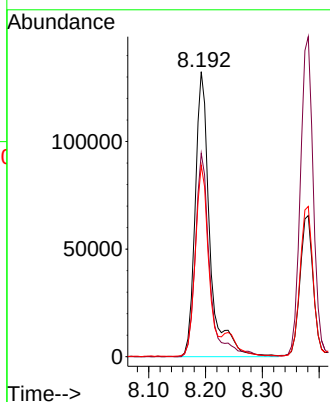
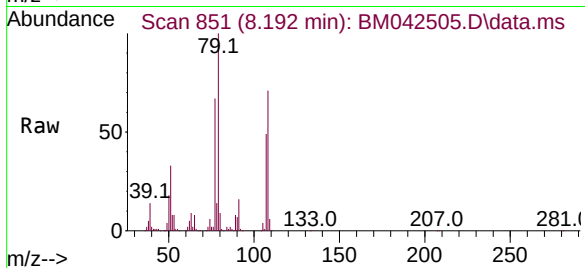




#15
Benzyl Alcohol
Concen: 47.735 ng
RT: 8.192 min Scan# 815
Delta R.T. -0.006 min
Lab File: BM042505.D
Acq: 31 Oct 2023 11:12

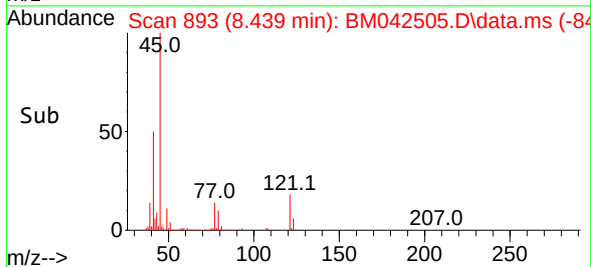
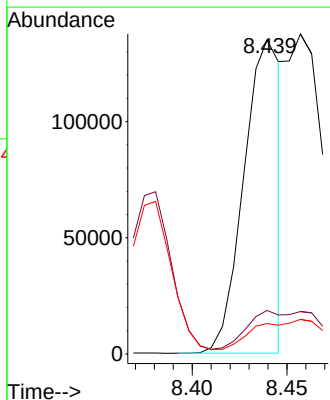
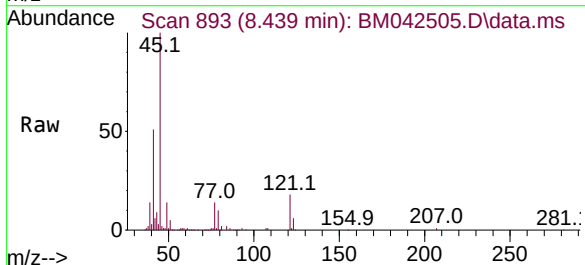
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

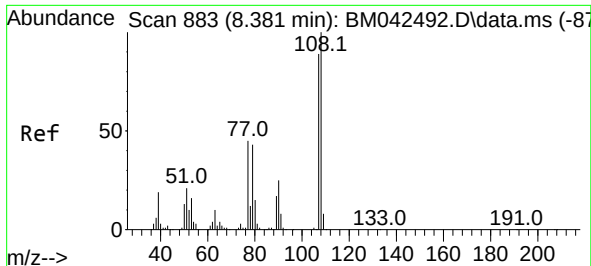
Tgt Ion: 79 Resp: 238778
Ion Ratio Lower Upper
79 100
108 71.4 56.8 85.2
77 67.1 53.0 79.4



#16
2,2'-oxybis(1-Chloropropane)
Concen: 18.801 ng
RT: 8.439 min Scan# 893
Delta R.T. -0.006 min
Lab File: BM042505.D
Acq: 31 Oct 2023 11:12

Tgt Ion: 45 Resp: 181632
Ion Ratio Lower Upper
45 100
77 13.8 0.0 33.0
79 9.7 0.0 29.5





#17

2-Methylphenol

Concen: 40.984 ng

RT: 8.381 min Scan# 883

Delta R.T. -0.000 min

Lab File: BM042505.D

Acq: 31 Oct 2023 11:12

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

Tgt Ion:107 Resp: 208242

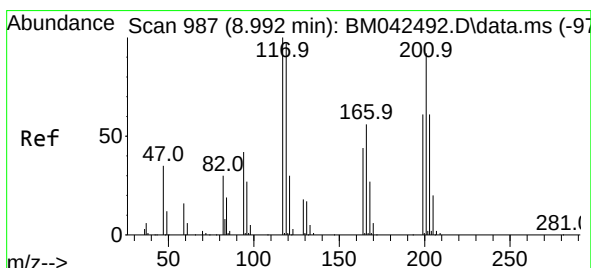
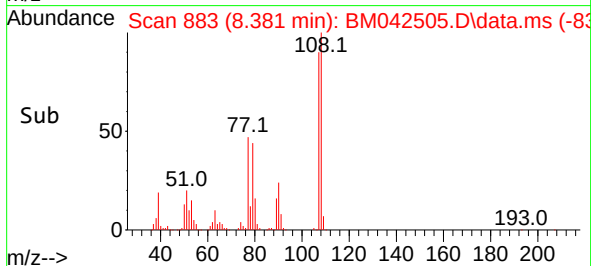
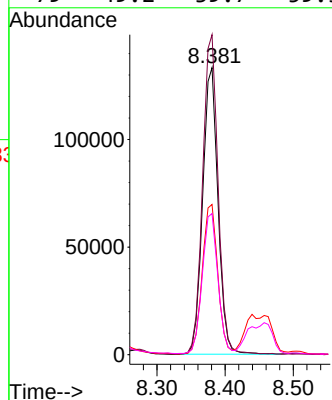
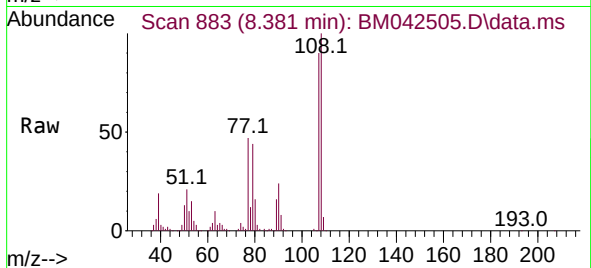
Ion Ratio Lower Upper

107 100

108 111.5 90.4 135.6

77 52.3 40.6 60.8

79 49.2 39.7 59.5



#18

Hexachloroethane

Concen: 41.024 ng

RT: 8.986 min Scan# 986

Delta R.T. -0.006 min

Lab File: BM042505.D

Acq: 31 Oct 2023 11:12

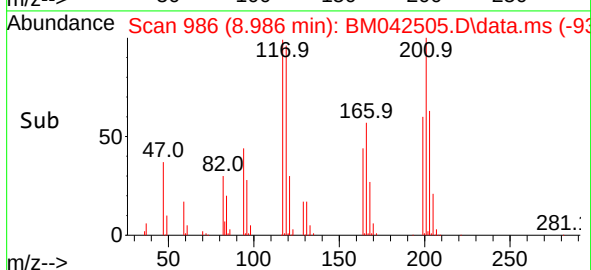
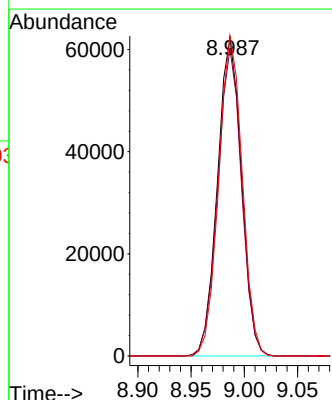
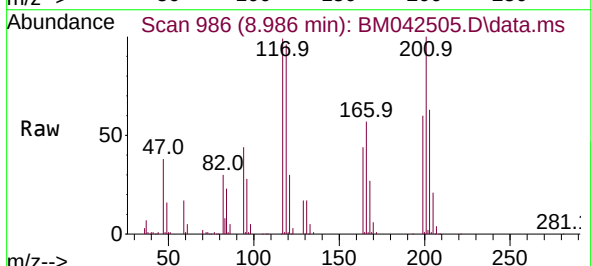
Tgt Ion:117 Resp: 97533

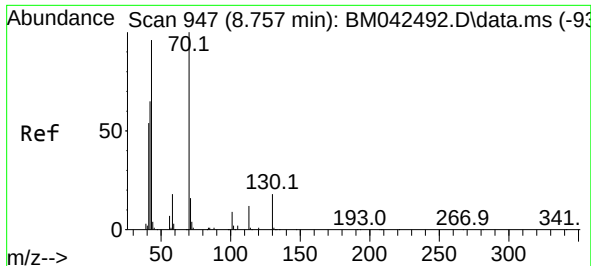
Ion Ratio Lower Upper

117 100

119 96.7 77.9 116.9

201 100.7 73.7 110.5



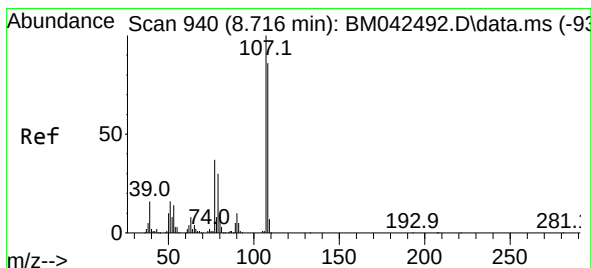
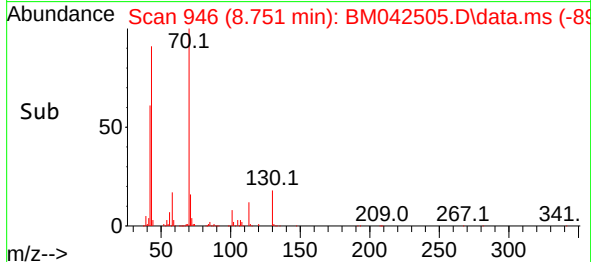
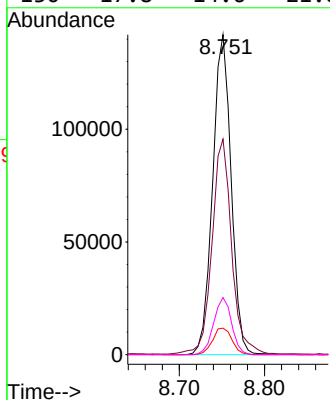
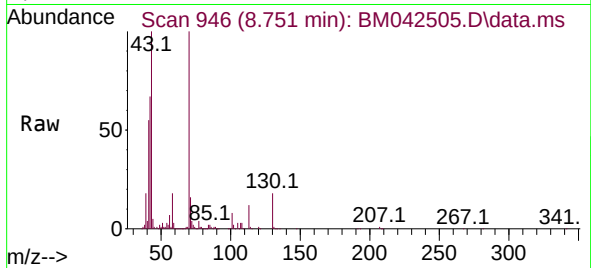


#19
n-Nitroso-di-n-propylamine
Concen: 42.796 ng
RT: 8.751 min Scan# 946
Delta R.T. -0.006 min
Lab File: BM042505.D
Acq: 31 Oct 2023 11:12

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion: 70 Resp: 213910

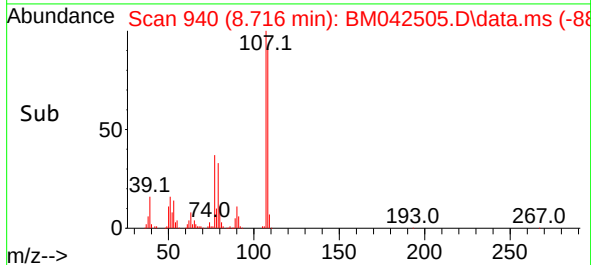
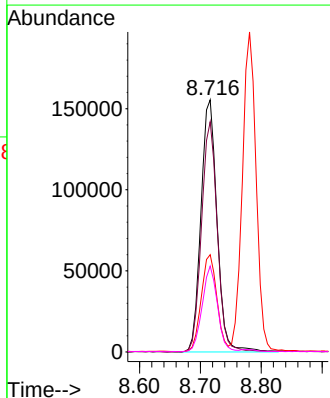
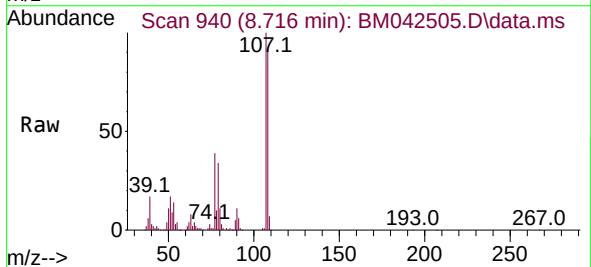
Ion	Ratio	Lower	Upper
70	100		
42	67.4	52.5	78.7
101	8.3	7.0	10.4
130	17.8	14.6	21.8

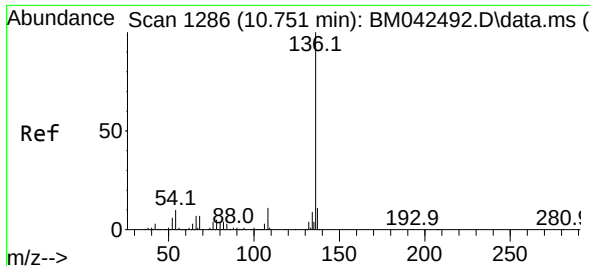


#20
3+4-Methylphenols
Concen: 42.106 ng
RT: 8.716 min Scan# 940
Delta R.T. -0.000 min
Lab File: BM042505.D
Acq: 31 Oct 2023 11:12

Tgt Ion: 107 Resp: 286037

Ion	Ratio	Lower	Upper
107	100		
108	91.3	66.4	106.4
77	38.6	17.6	57.6
79	34.1	10.2	50.2

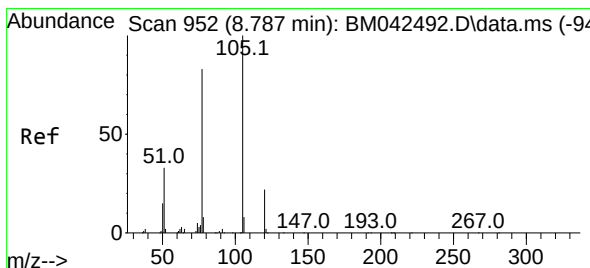
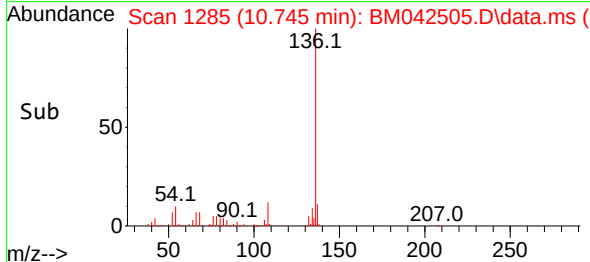
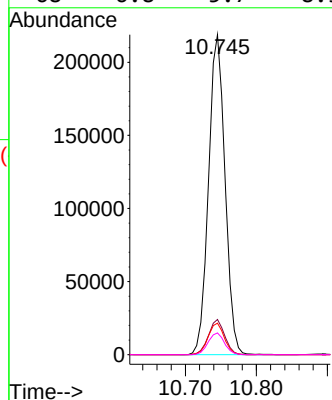
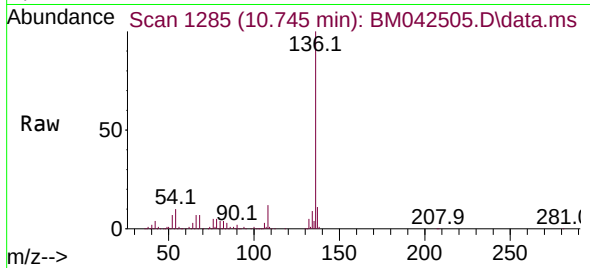




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.745 min Scan# 11
Delta R.T. -0.006 min
Lab File: BM042505.D
Acq: 31 Oct 2023 11:12

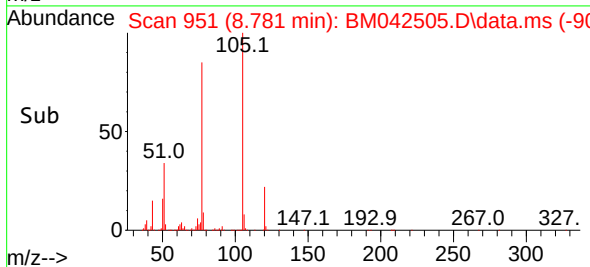
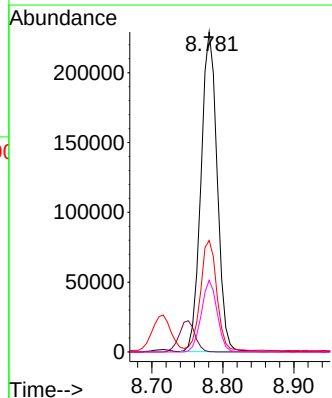
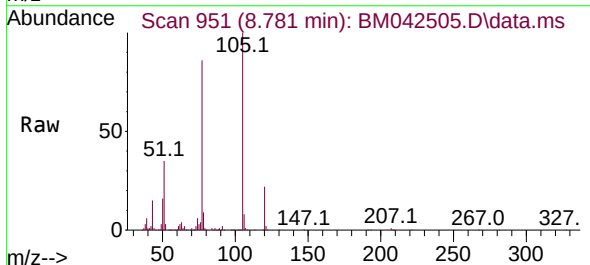
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

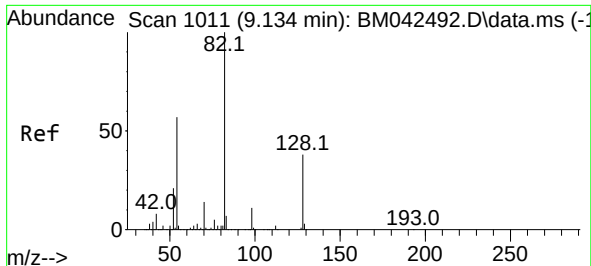
Tgt Ion:136 Resp: 352971
Ion Ratio Lower Upper
136 100
137 11.0 9.0 13.6
54 9.8 8.0 12.0
68 6.8 5.7 8.5



#22
Acetophenone
Concen: 40.864 ng
RT: 8.781 min Scan# 951
Delta R.T. -0.006 min
Lab File: BM042505.D
Acq: 31 Oct 2023 11:12

Tgt Ion:105 Resp: 363774
Ion Ratio Lower Upper
105 100
71 0.1 0.2 0.2#
51 34.9 27.6 41.4
120 22.4 17.8 26.6

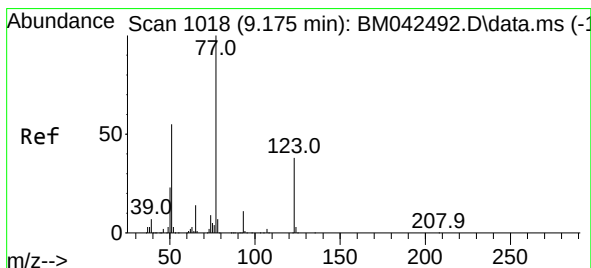
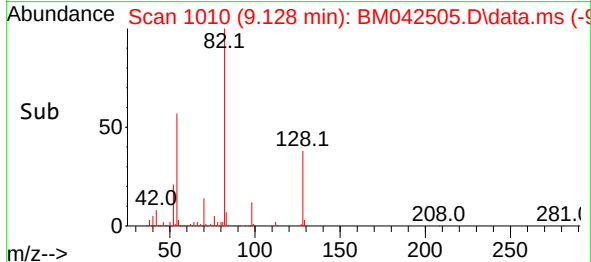
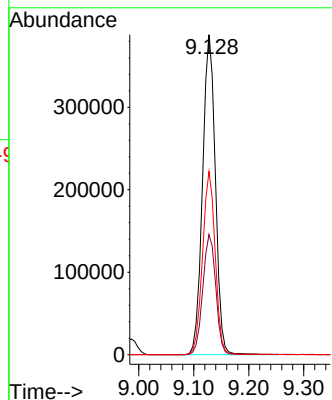
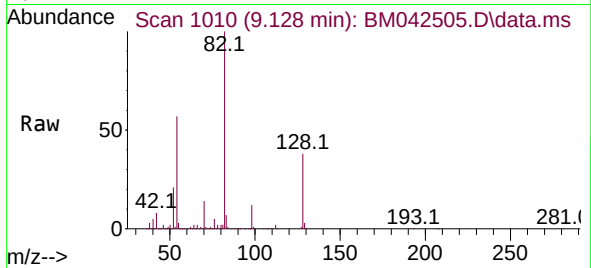




#23
Nitrobenzene-d5
Concen: 83.106 ng
RT: 9.128 min Scan# 1010
Delta R.T. -0.006 min
Lab File: BM042505.D
Acq: 31 Oct 2023 11:12

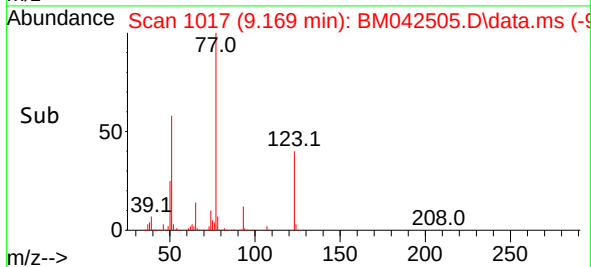
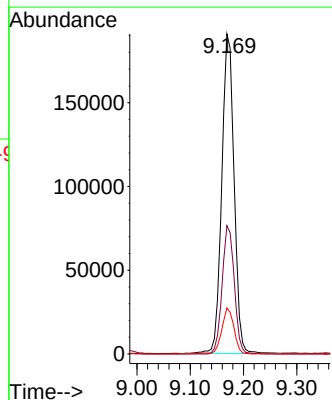
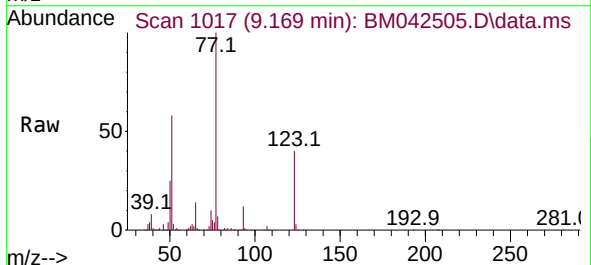
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

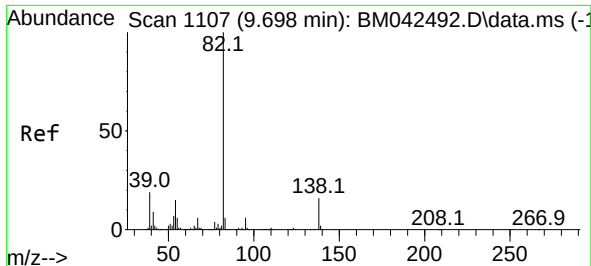
Tgt Ion: 82 Resp: 629263
Ion Ratio Lower Upper
82 100
128 37.5 30.7 46.1
54 57.2 45.3 67.9



#24
Nitrobenzene
Concen: 41.177 ng
RT: 9.169 min Scan# 1017
Delta R.T. -0.006 min
Lab File: BM042505.D
Acq: 31 Oct 2023 11:12

Tgt Ion: 77 Resp: 307092
Ion Ratio Lower Upper
77 100
123 40.1 30.6 46.0
65 14.4 10.8 16.2

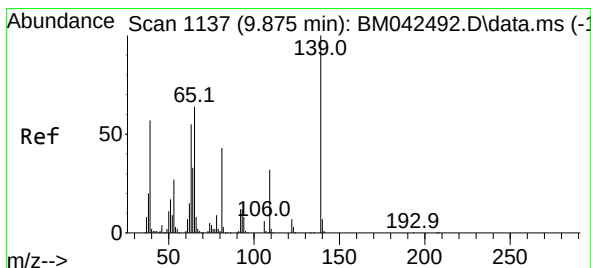
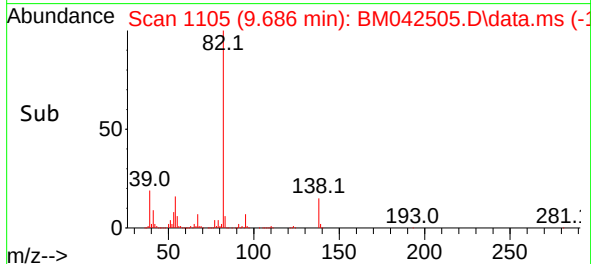
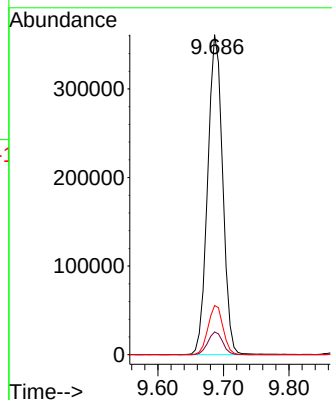
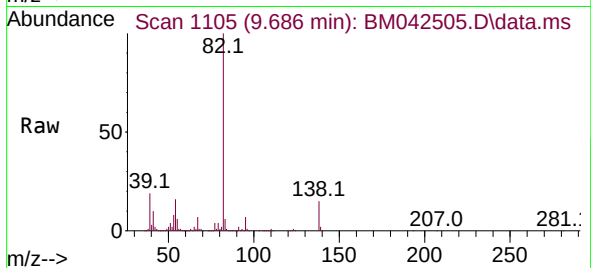




#25
Isophorone
Concen: 42.881 ng
RT: 9.686 min Scan# 1105
Delta R.T. -0.012 min
Lab File: BM042505.D
Acq: 31 Oct 2023 11:12

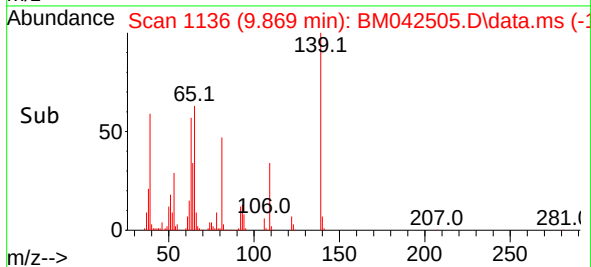
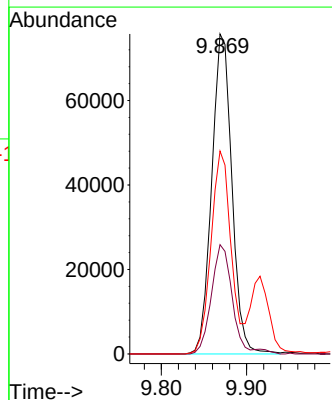
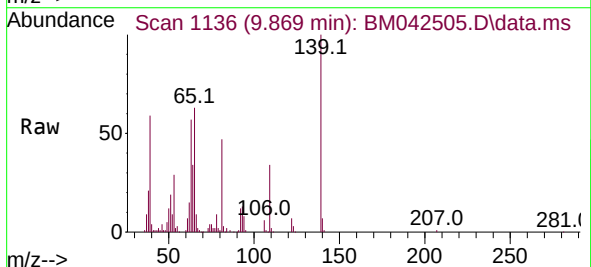
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

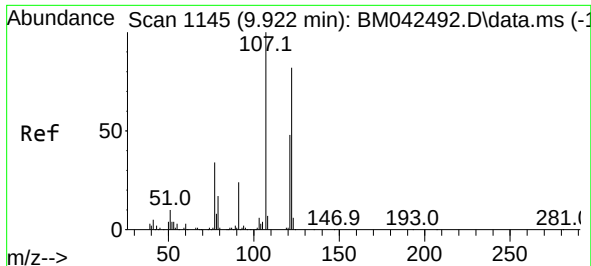
Tgt Ion: 82 Resp: 574694
Ion Ratio Lower Upper
82 100
95 7.1 5.2 7.8
138 15.3 12.6 18.8



#26
2-Nitrophenol
Concen: 39.919 ng
RT: 9.869 min Scan# 1136
Delta R.T. -0.006 min
Lab File: BM042505.D
Acq: 31 Oct 2023 11:12

Tgt Ion:139 Resp: 124573
Ion Ratio Lower Upper
139 100
109 34.1 25.2 37.8
65 63.4 51.4 77.0

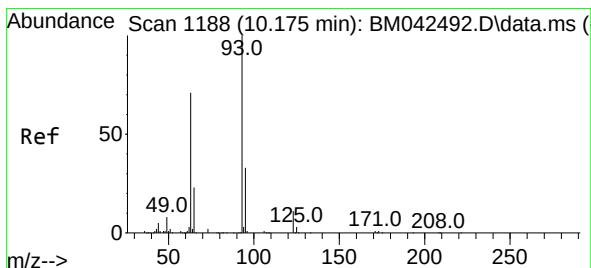
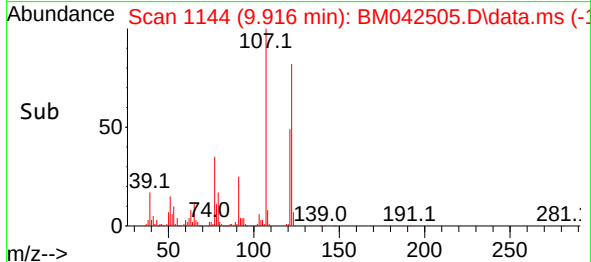
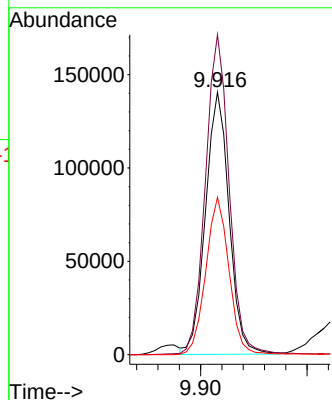
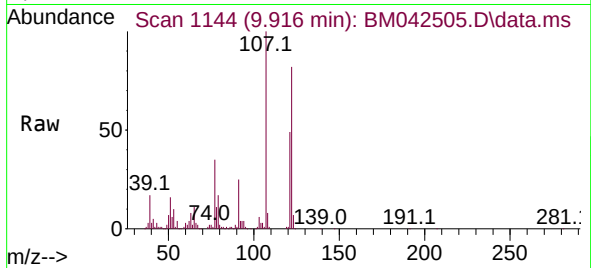




#27
2,4-Dimethylphenol
Concen: 42.230 ng
RT: 9.916 min Scan# 1144
Delta R.T. -0.006 min
Lab File: BM042505.D
Acq: 31 Oct 2023 11:12

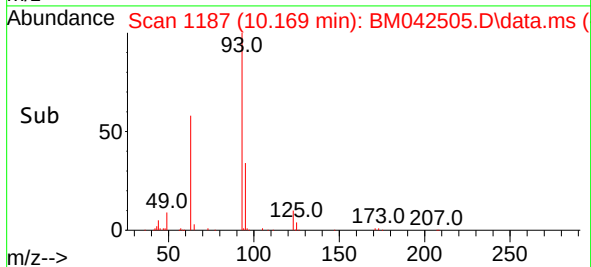
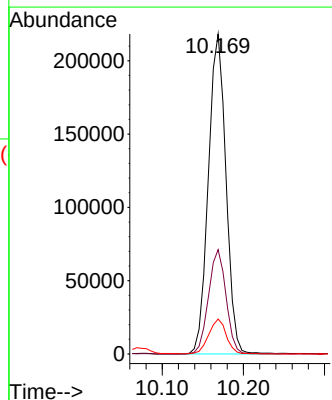
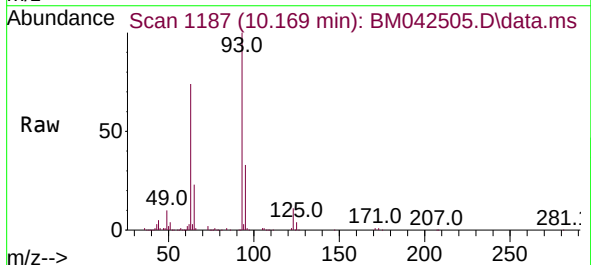
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

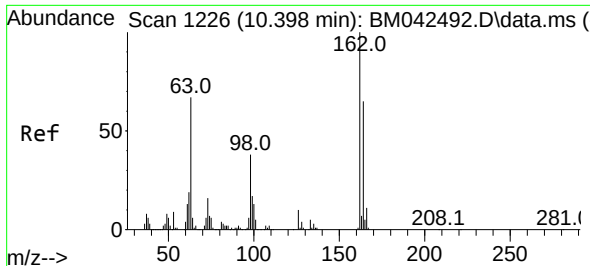
Tgt Ion:122 Resp: 216516
Ion Ratio Lower Upper
122 100
107 121.8 95.4 143.2
121 59.9 46.0 69.0



#28
bis(2-Chloroethoxy)methane
Concen: 40.715 ng
RT: 10.169 min Scan# 1187
Delta R.T. -0.006 min
Lab File: BM042505.D
Acq: 31 Oct 2023 11:12

Tgt Ion: 93 Resp: 328736
Ion Ratio Lower Upper
93 100
95 32.6 26.3 39.5
123 10.9 8.5 12.7





#29

2,4-Dichlorophenol

Concen: 43.899 ng

RT: 10.392 min Scan# 1225

Delta R.T. -0.006 min

Lab File: BM042505.D

Acq: 31 Oct 2023 11:12

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

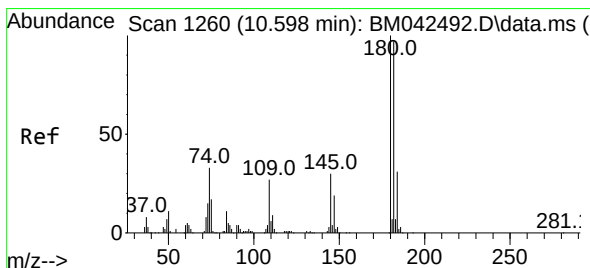
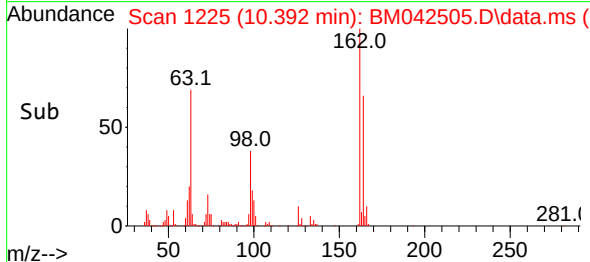
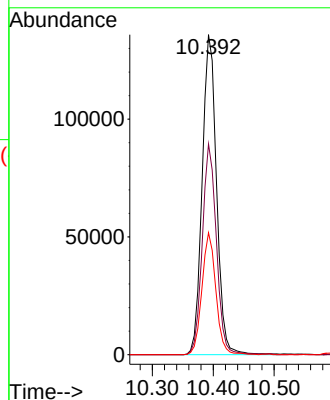
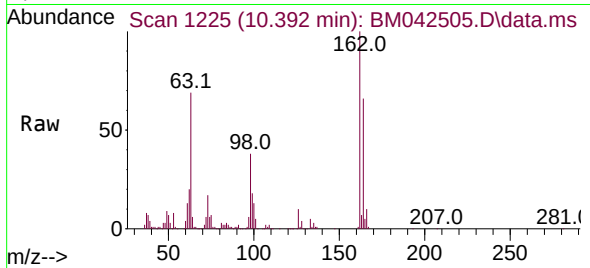
Tgt Ion:162 Resp: 222700

Ion Ratio Lower Upper

162 100

164 65.8 44.9 84.9

98 38.1 18.4 58.4



#30

1,2,4-Trichlorobenzene

Concen: 42.136 ng

RT: 10.592 min Scan# 1259

Delta R.T. -0.006 min

Lab File: BM042505.D

Acq: 31 Oct 2023 11:12

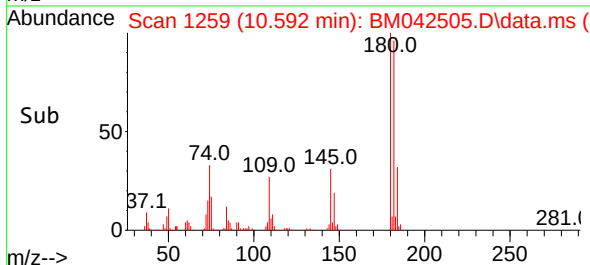
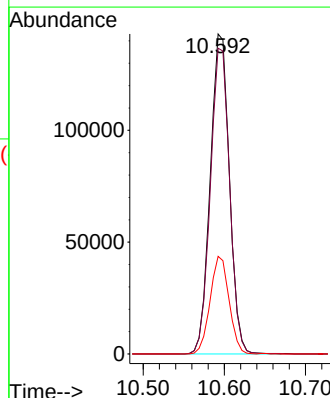
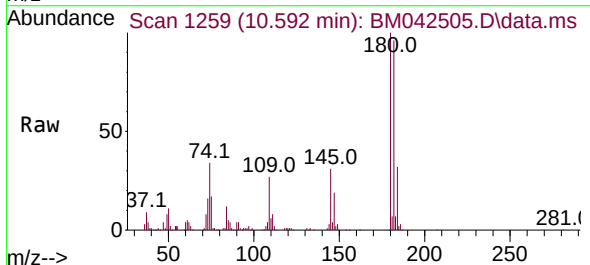
Tgt Ion:180 Resp: 234259

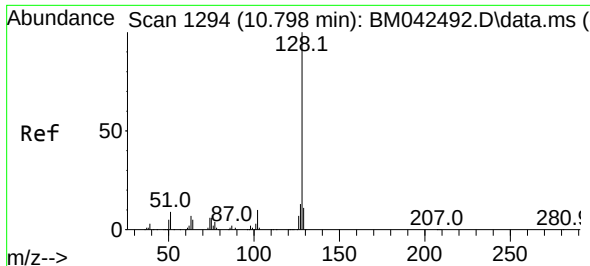
Ion Ratio Lower Upper

180 100

182 95.5 77.8 116.8

145 30.5 24.4 36.6

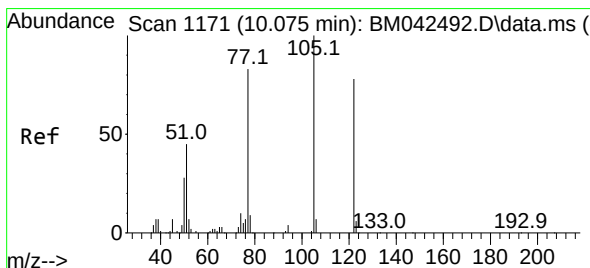
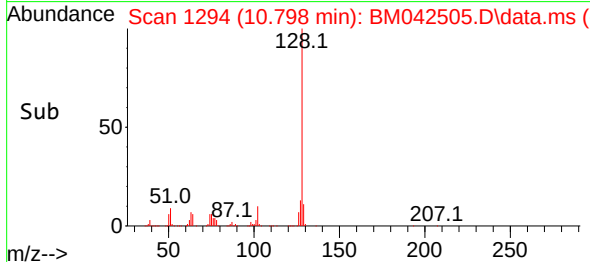
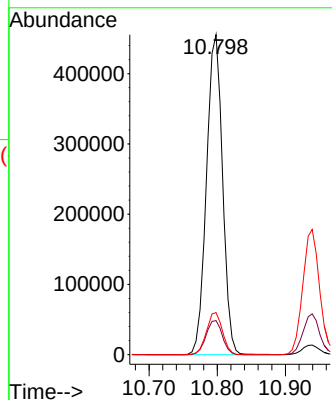
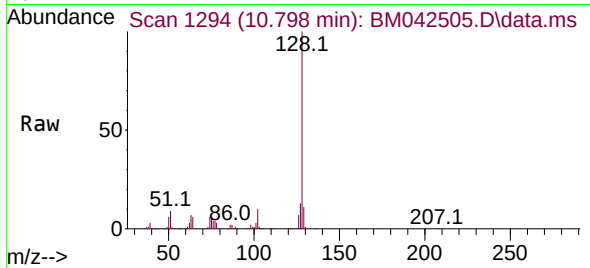




#31
Naphthalene
Concen: 40.965 ng
RT: 10.798 min Scan# 1171
Delta R.T. 0.000 min
Lab File: BM042505.D
Acq: 31 Oct 2023 11:12

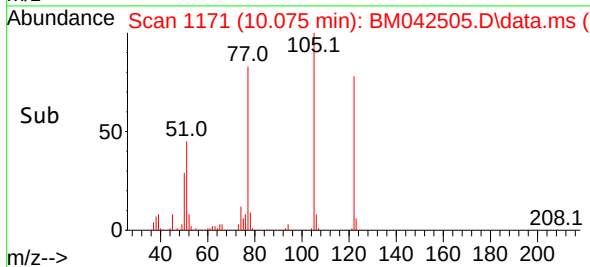
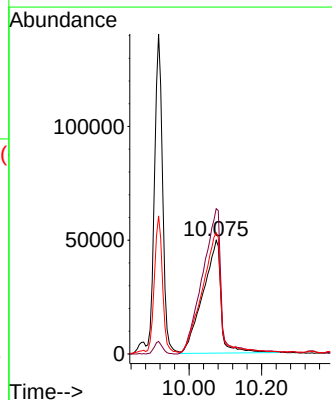
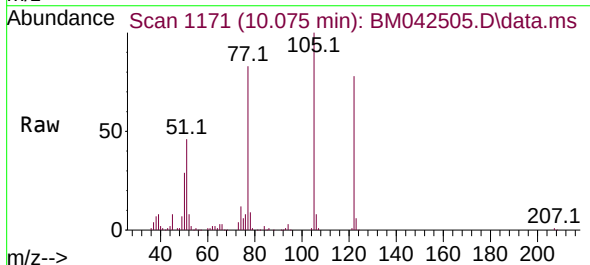
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

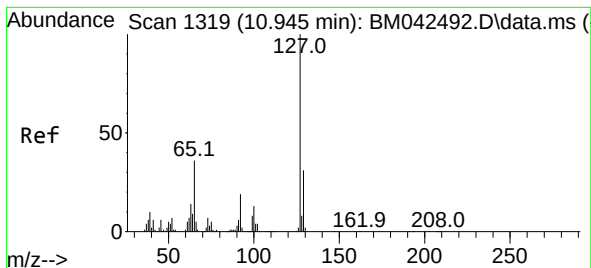
Tgt Ion:128 Resp: 747059
Ion Ratio Lower Upper
128 100
129 10.7 8.8 13.2
127 13.2 10.6 15.8



#32
Benzoic acid
Concen: 41.890 ng
RT: 10.075 min Scan# 1171
Delta R.T. -0.000 min
Lab File: BM042505.D
Acq: 31 Oct 2023 11:12

Tgt Ion:122 Resp: 172293
Ion Ratio Lower Upper
122 100
105 127.9 105.2 145.2
77 106.6 84.8 124.8

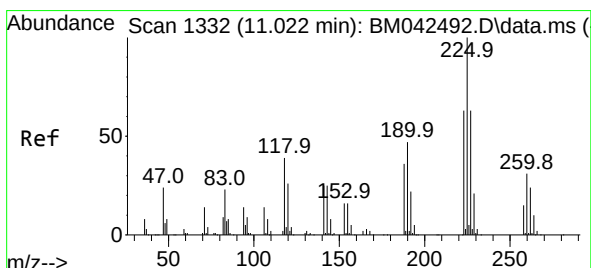
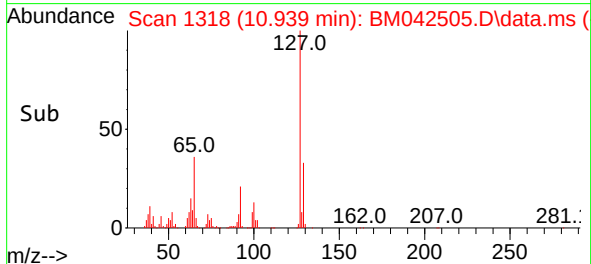
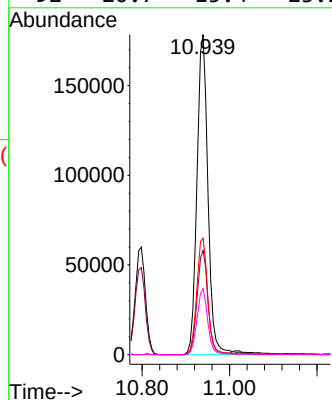
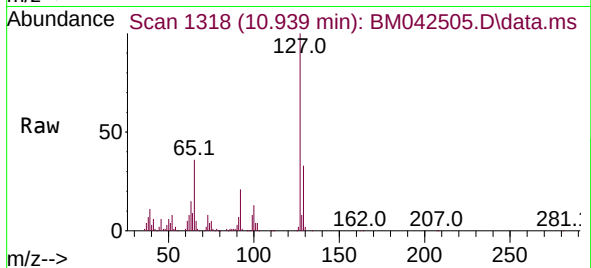




#33
4-Chloroaniline
Concen: 44.579 ng
RT: 10.939 min Scan# 1318
Delta R.T. -0.006 min
Lab File: BM042505.D
Acq: 31 Oct 2023 11:12

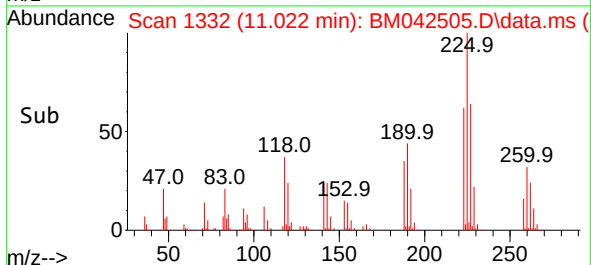
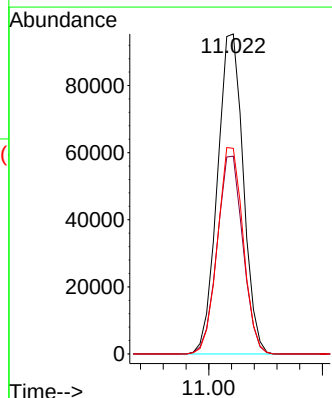
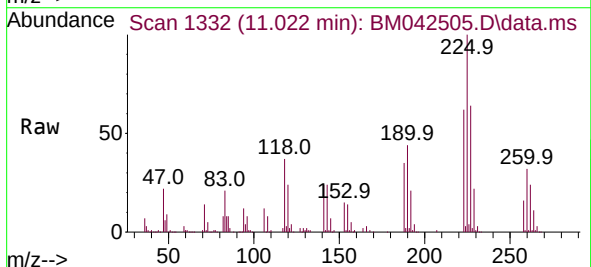
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

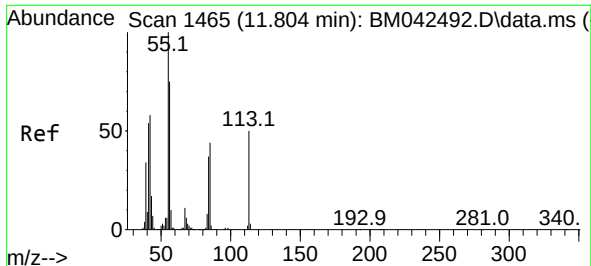
Tgt Ion:	127	Resp:	316987
Ion	Ratio	Lower	Upper
127	100		
129	32.5	25.0	37.4
65	36.4	29.0	43.4
92	20.7	15.4	23.2



#34
Hexachlorobutadiene
Concen: 44.713 ng
RT: 11.022 min Scan# 1332
Delta R.T. -0.000 min
Lab File: BM042505.D
Acq: 31 Oct 2023 11:12

Tgt Ion:	225	Resp:	150929
Ion	Ratio	Lower	Upper
225	100		
223	61.8	50.0	75.0
227	64.3	50.6	75.8

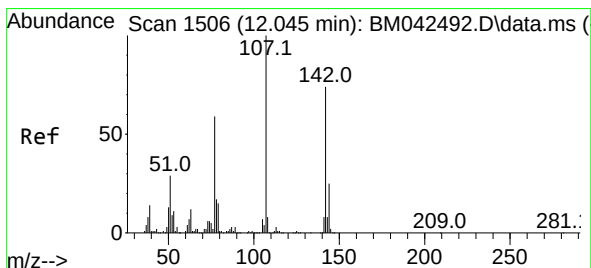
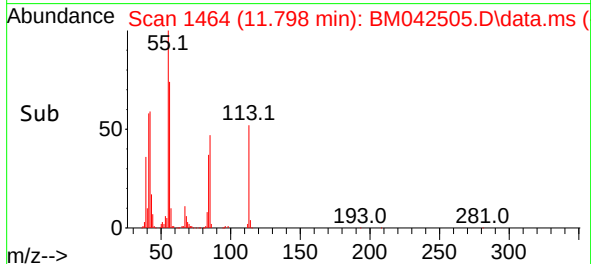
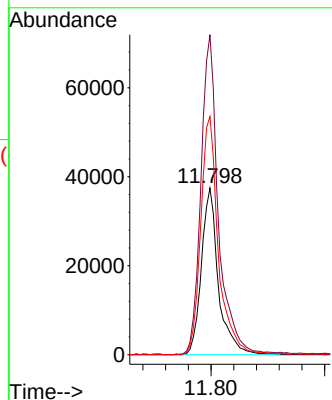
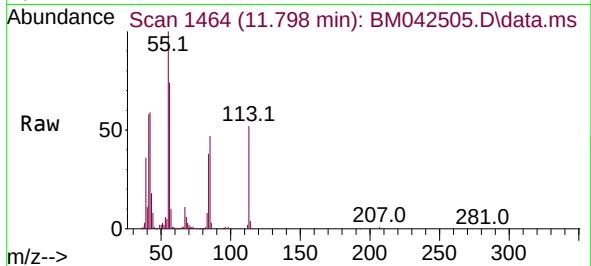




#35
Caprolactam
Concen: 43.649 ng
RT: 11.798 min Scan# 1464
Delta R.T. -0.006 min
Lab File: BM042505.D
Acq: 31 Oct 2023 11:12

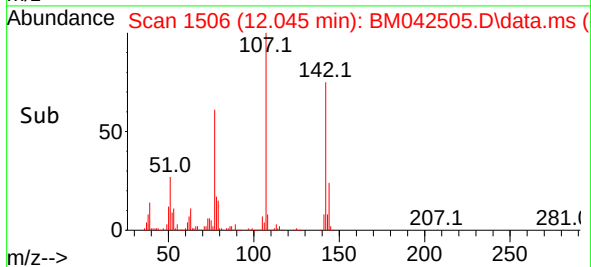
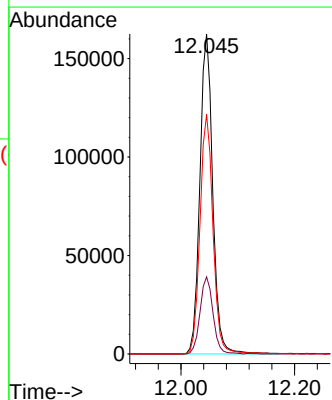
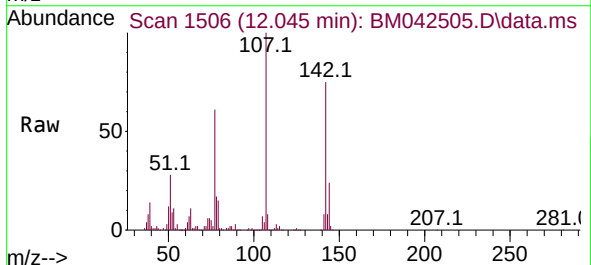
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

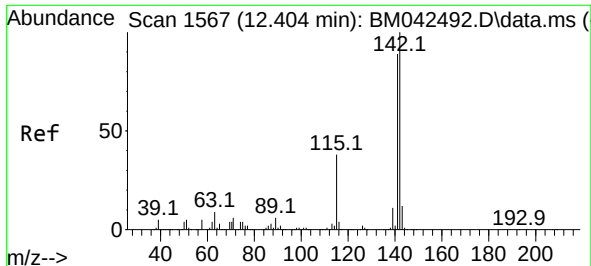
Tgt Ion:113 Resp: 77800
Ion Ratio Lower Upper
113 100
55 192.1 180.9 220.9
56 142.9 130.0 170.0



#36
4-Chloro-3-methylphenol
Concen: 44.291 ng
RT: 12.045 min Scan# 1506
Delta R.T. -0.000 min
Lab File: BM042505.D
Acq: 31 Oct 2023 11:12

Tgt Ion:107 Resp: 255706
Ion Ratio Lower Upper
107 100
144 24.1 20.2 30.2
142 74.9 59.5 89.3

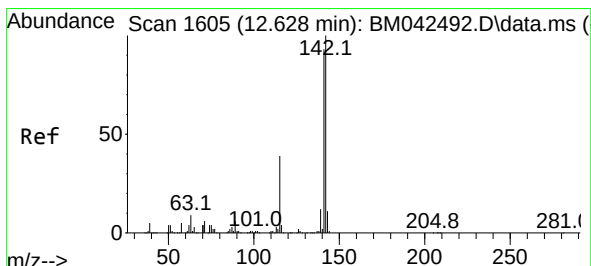
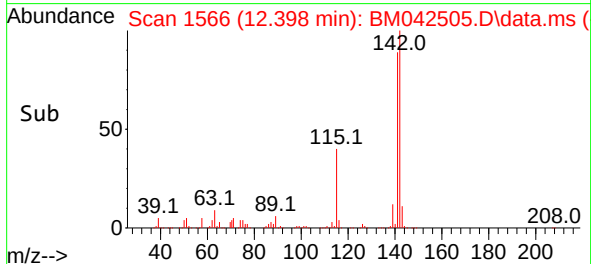
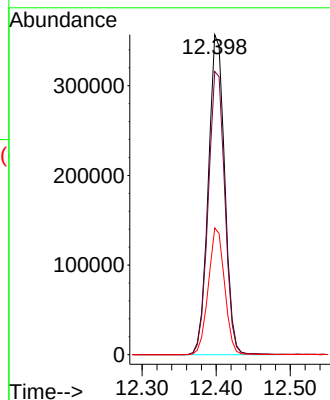
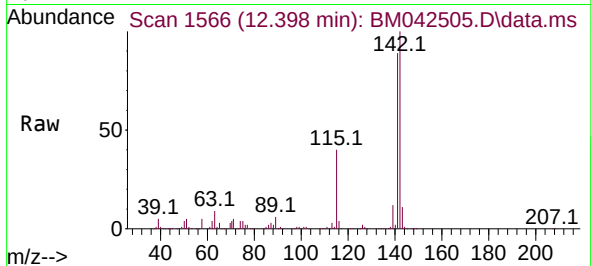




#37
2-Methylnaphthalene
Concen: 42.706 ng
RT: 12.398 min Scan# 11
Delta R.T. -0.006 min
Lab File: BM042505.D
Acq: 31 Oct 2023 11:12

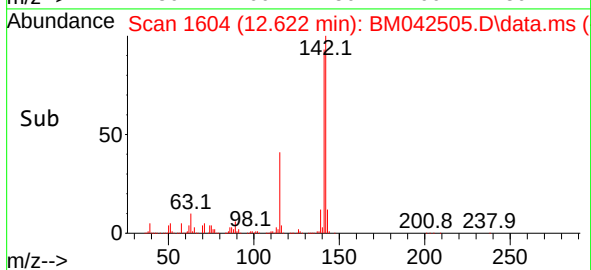
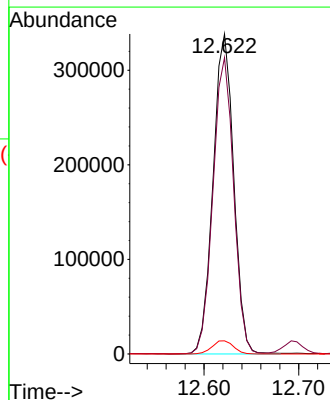
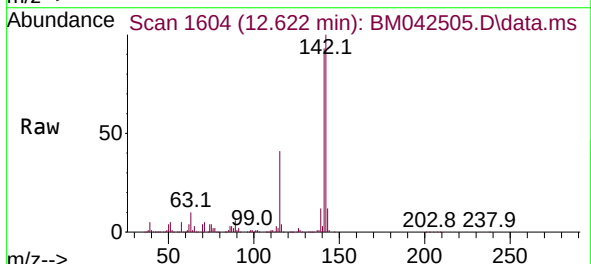
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

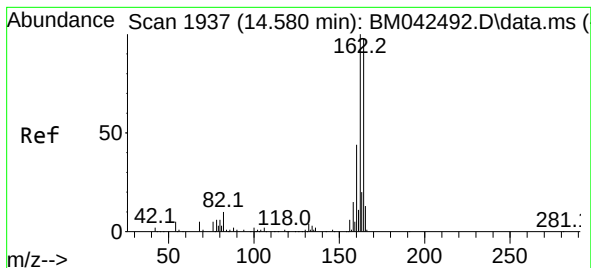
Tgt Ion:142 Resp: 548481
Ion Ratio Lower Upper
142 100
141 88.5 70.9 106.3
115 39.6 30.2 45.2



#38
1-Methylnaphthalene
Concen: 42.375 ng
RT: 12.622 min Scan# 1604
Delta R.T. -0.006 min
Lab File: BM042505.D
Acq: 31 Oct 2023 11:12

Tgt Ion:142 Resp: 512269
Ion Ratio Lower Upper
142 100
141 92.6 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: BM042505.D

Acq: 31 Oct 2023 11:12

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

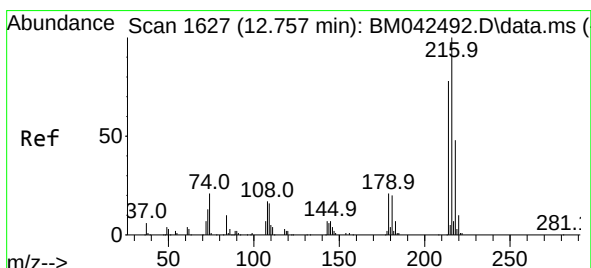
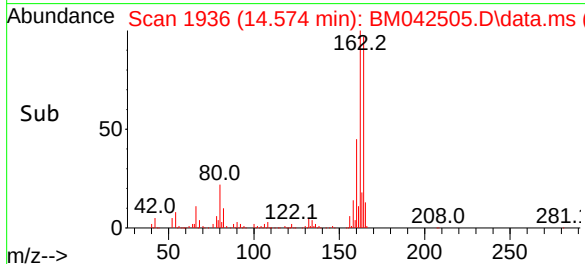
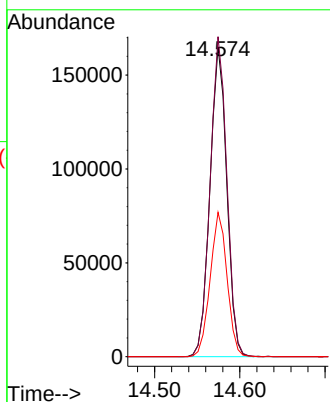
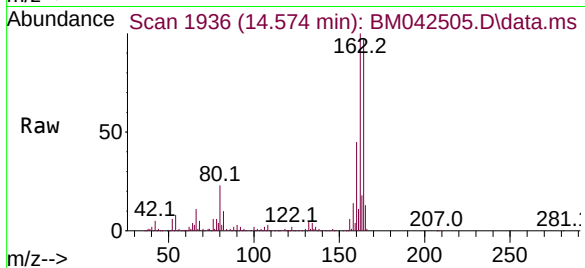
Tgt Ion:164 Resp: 226696

Ion Ratio Lower Upper

164 100

162 103.3 81.6 122.4

160 46.6 36.2 54.4



#40

1,2,4,5-Tetrachlorobenzene

Concen: 42.686 ng

RT: 12.751 min Scan# 1626

Delta R.T. -0.006 min

Lab File: BM042505.D

Acq: 31 Oct 2023 11:12

Tgt Ion:216 Resp: 289088

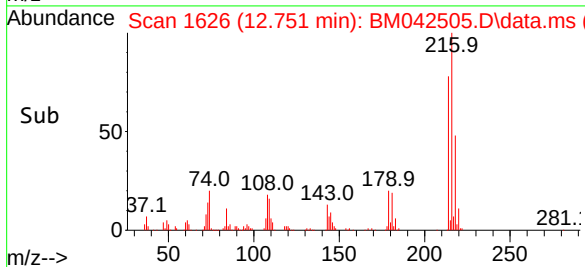
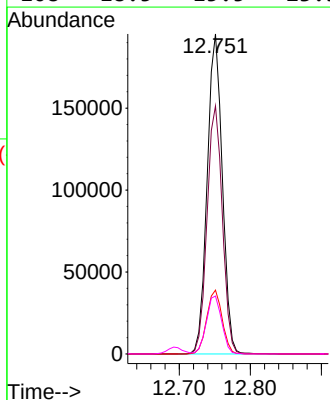
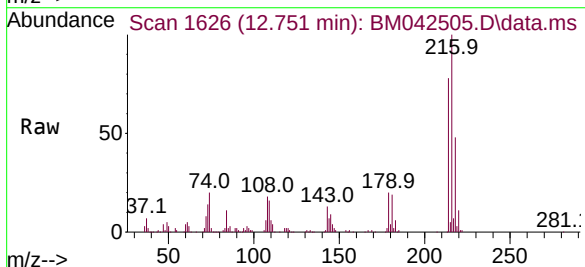
Ion Ratio Lower Upper

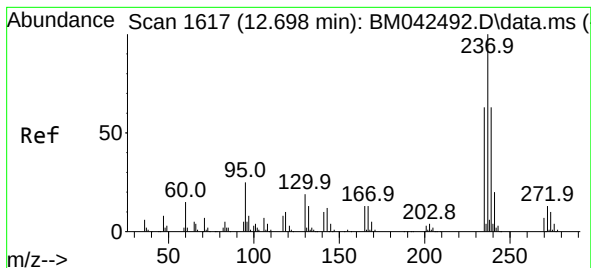
216 100

214 78.4 62.5 93.7

179 20.3 16.7 25.1

108 18.5 15.5 23.3

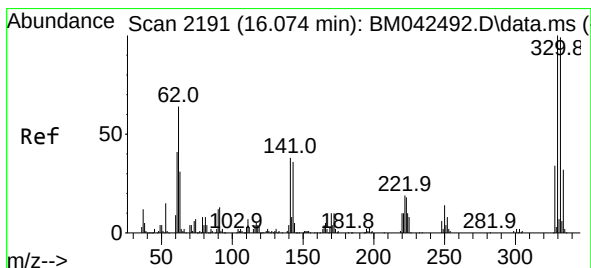
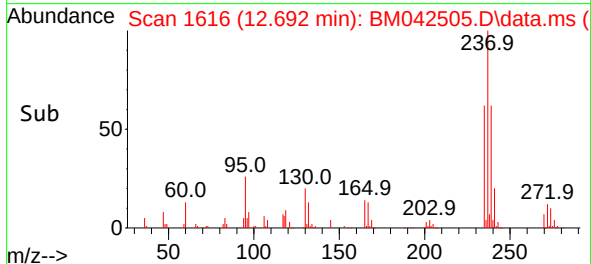
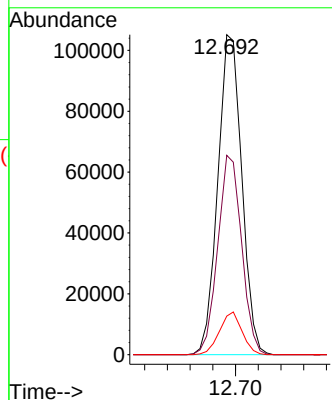
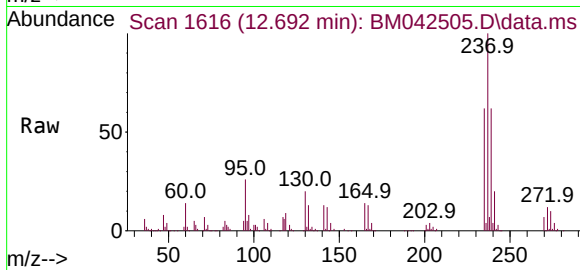




#41
Hexachlorocyclopentadiene
Concen: 41.207 ng
RT: 12.692 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM042505.D
Acq: 31 Oct 2023 11:12

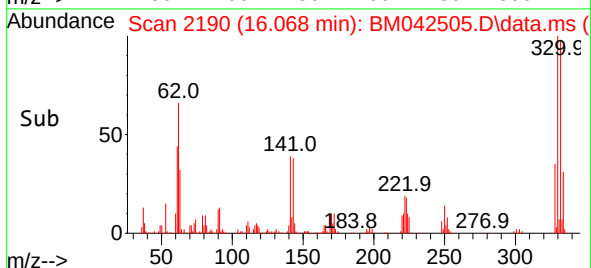
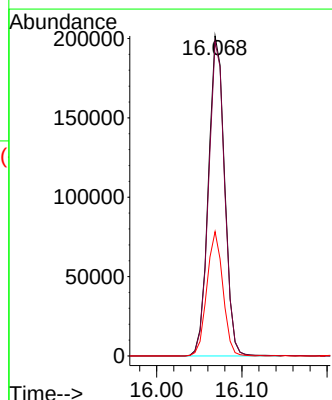
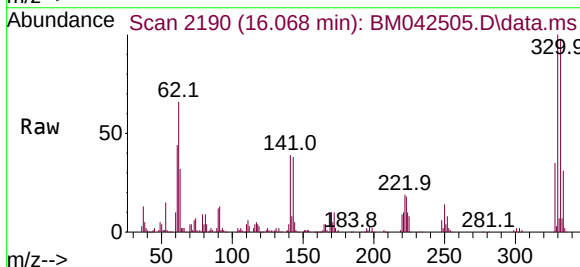
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

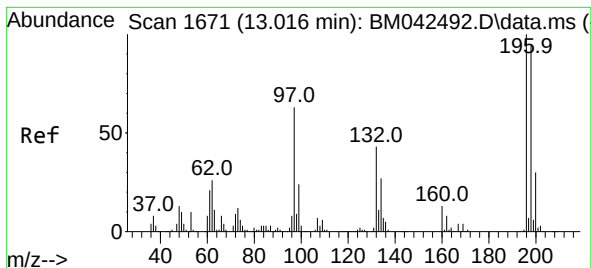
Tgt Ion:237 Resp: 154304
Ion Ratio Lower Upper
237 100
235 62.3 42.5 82.5
272 12.0 0.0 33.2



#42
2,4,6-Tribromophenol
Concen: 89.780 ng
RT: 16.068 min Scan# 2190
Delta R.T. -0.006 min
Lab File: BM042505.D
Acq: 31 Oct 2023 11:12

Tgt Ion:330 Resp: 265723
Ion Ratio Lower Upper
330 100
332 97.6 78.8 118.2
141 38.5 31.1 46.7





#43

2,4,6-Trichlorophenol

Concen: 44.201 ng

RT: 13.010 min Scan# 1

Delta R.T. -0.006 min

Lab File: BM042505.D

Acq: 31 Oct 2023 11:12

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

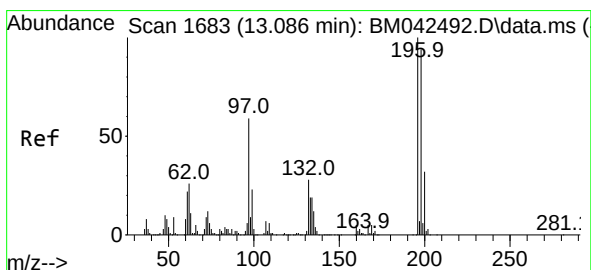
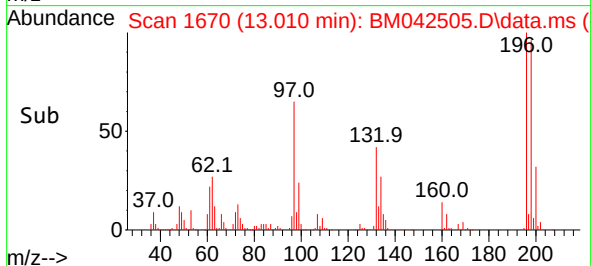
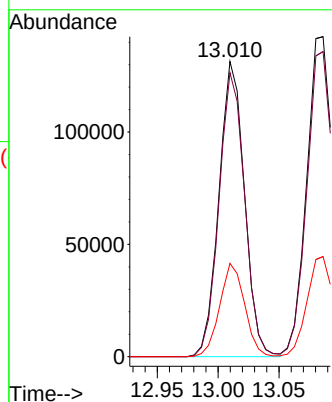
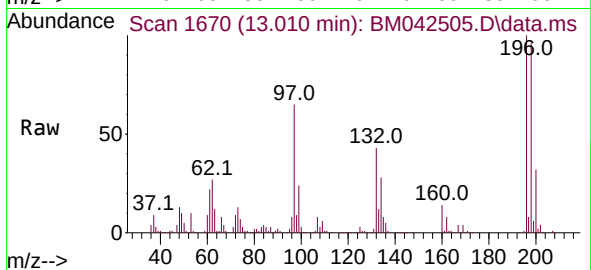
Tgt Ion:196 Resp: 191734

Ion Ratio Lower Upper

196 100

198 96.2 75.2 112.8

200 31.6 24.3 36.5



#44

2,4,5-Trichlorophenol

Concen: 43.682 ng

RT: 13.086 min Scan# 1683

Delta R.T. -0.000 min

Lab File: BM042505.D

Acq: 31 Oct 2023 11:12

Tgt Ion:196 Resp: 225481

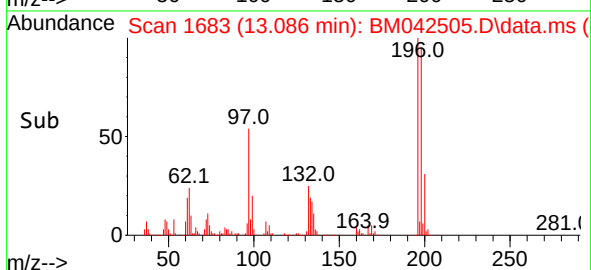
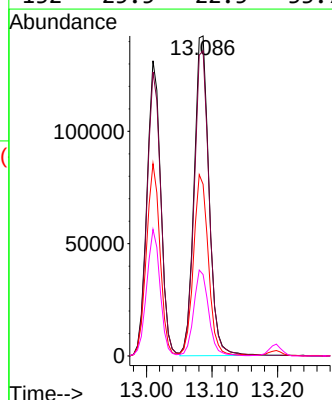
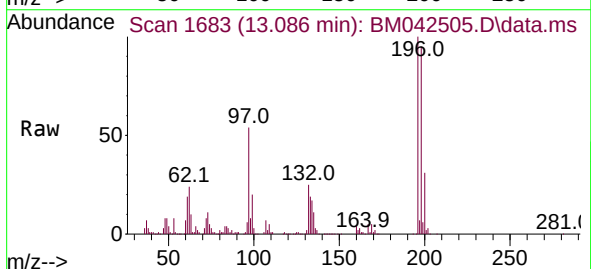
Ion Ratio Lower Upper

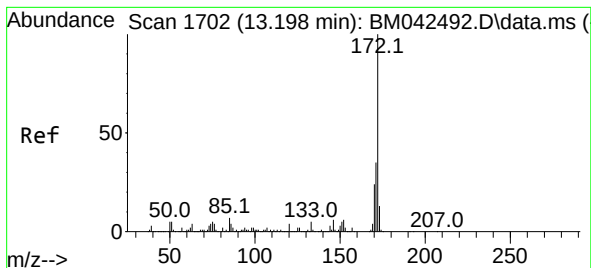
196 100

198 95.4 75.1 112.7

97 53.6 47.4 71.0

132 25.5 22.5 33.7





#45

2-Fluorobiphenyl

Concen: 83.431 ng

RT: 13.198 min Scan# 1702

Delta R.T. -0.000 min

Lab File: BM042505.D

Acq: 31 Oct 2023 11:12

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

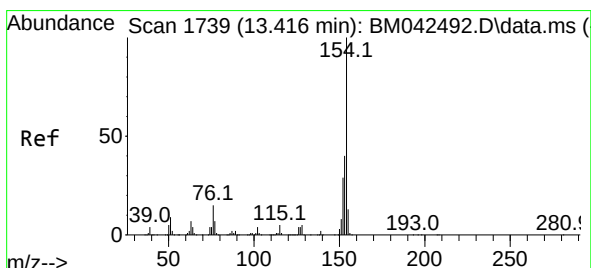
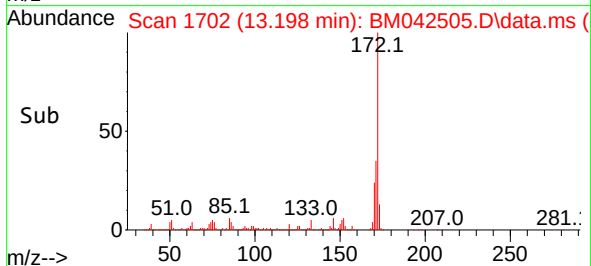
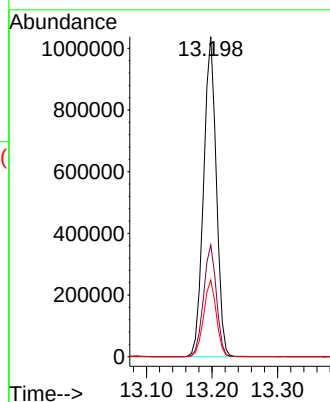
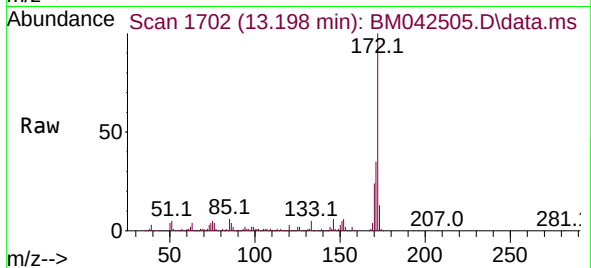
Tgt Ion:172 Resp: 1405588

Ion Ratio Lower Upper

172 100

171 34.9 28.2 42.2

170 23.9 19.0 28.4



#46

1,1'-Biphenyl

Concen: 41.316 ng

RT: 13.410 min Scan# 1738

Delta R.T. -0.006 min

Lab File: BM042505.D

Acq: 31 Oct 2023 11:12

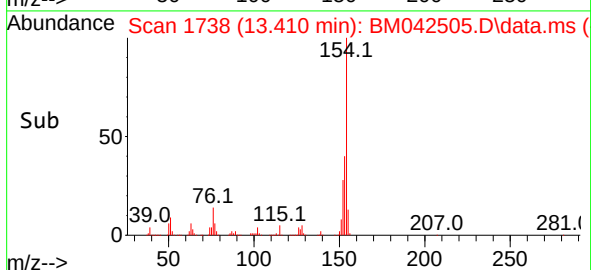
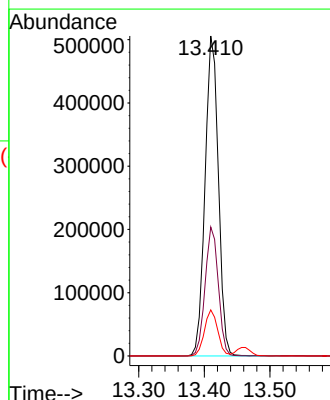
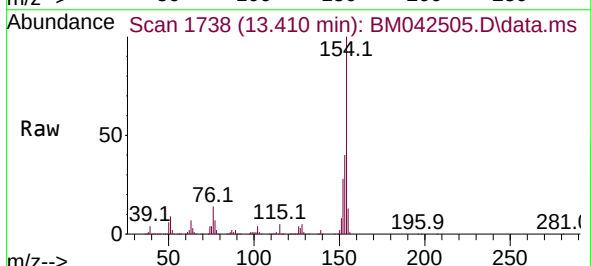
Tgt Ion:154 Resp: 715963

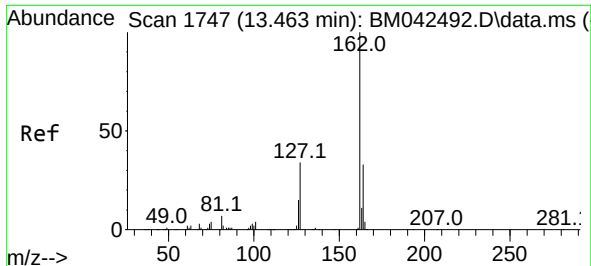
Ion Ratio Lower Upper

154 100

153 40.3 20.3 60.3

76 14.4 0.0 35.0

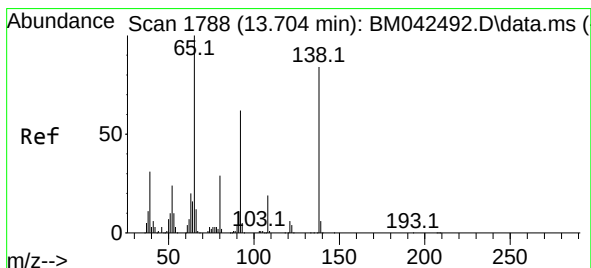
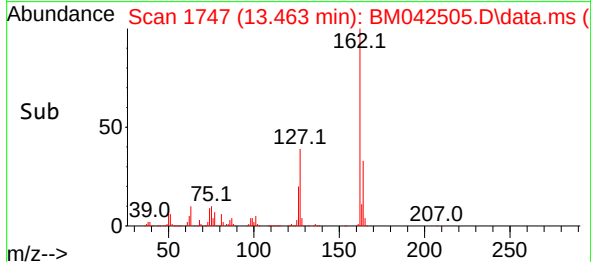
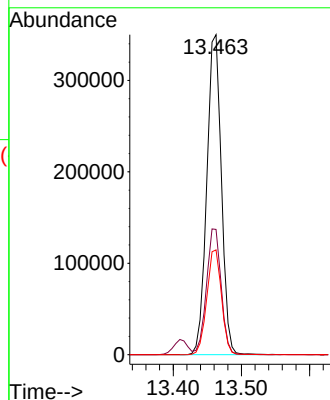
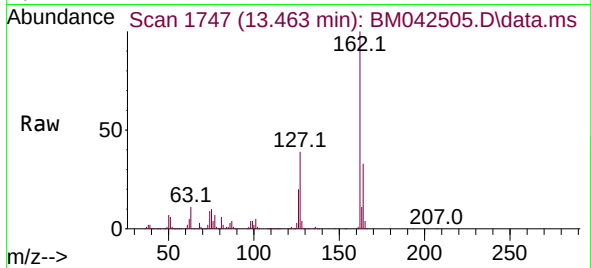




#47
2-Chloronaphthalene
Concen: 40.972 ng
RT: 13.463 min Scan# 1747
Delta R.T. -0.000 min
Lab File: BM042505.D
Acq: 31 Oct 2023 11:12

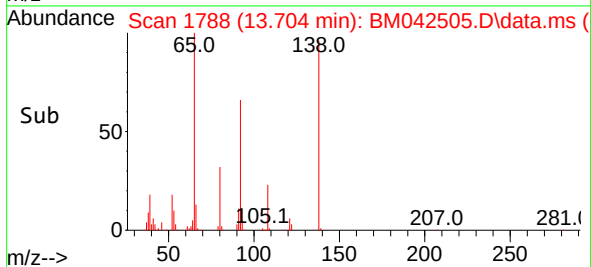
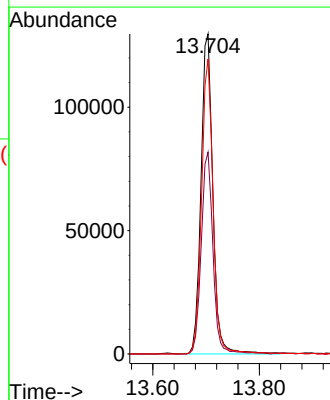
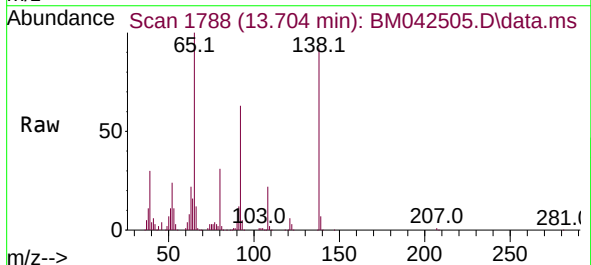
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

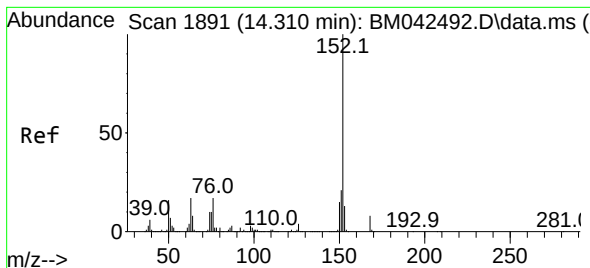
Tgt Ion:162 Resp: 520865
Ion Ratio Lower Upper
162 100
127 39.1 31.1 46.7
164 32.8 26.2 39.4



#48
2-Nitroaniline
Concen: 39.885 ng
RT: 13.704 min Scan# 1788
Delta R.T. -0.000 min
Lab File: BM042505.D
Acq: 31 Oct 2023 11:12

Tgt Ion: 65 Resp: 200362
Ion Ratio Lower Upper
65 100
92 63.0 49.4 74.2
138 92.2 66.9 100.3





#49

Acenaphthylene

Concen: 42.223 ng

RT: 14.304 min Scan# 1890

Delta R.T. -0.006 min

Lab File: BM042505.D

Acq: 31 Oct 2023 11:12

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

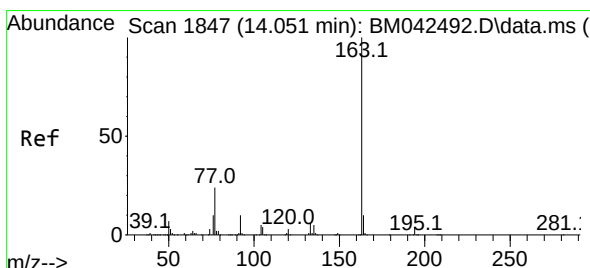
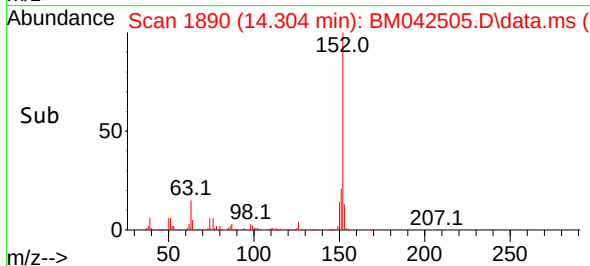
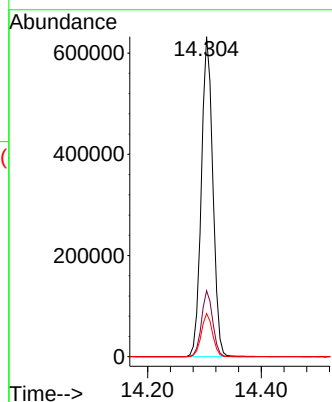
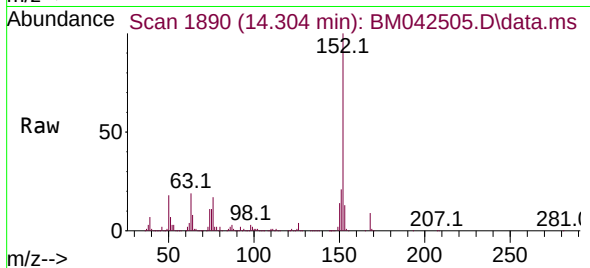
Tgt Ion:152 Resp: 888982

Ion Ratio Lower Upper

152 100

151 20.6 16.4 24.6

153 13.5 10.4 15.6



#50

Dimethylphthalate

Concen: 42.891 ng

RT: 14.045 min Scan# 1846

Delta R.T. -0.006 min

Lab File: BM042505.D

Acq: 31 Oct 2023 11:12

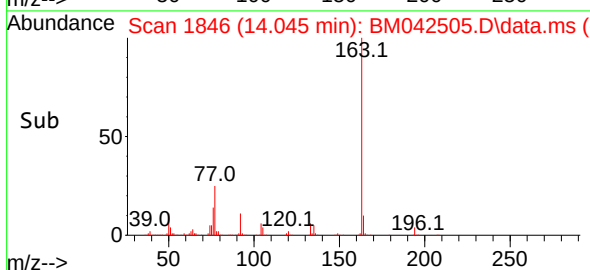
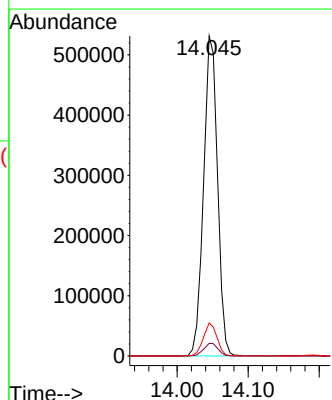
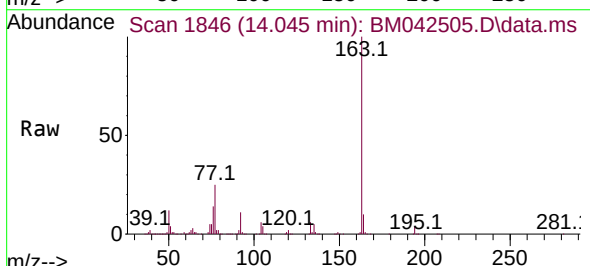
Tgt Ion:163 Resp: 726725

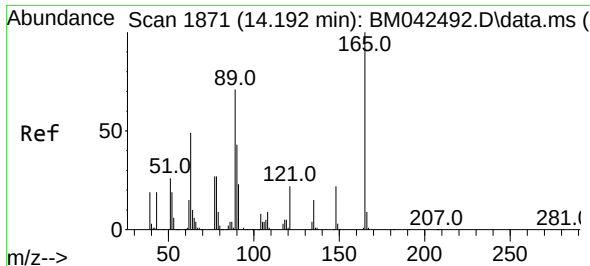
Ion Ratio Lower Upper

163 100

194 4.0 3.2 4.8

164 10.3 7.8 11.8





#51

2,6-Dinitrotoluene

Concen: 43.506 ng

RT: 14.192 min Scan# 1871

Delta R.T. 0.000 min

Lab File: BM042505.D

Acq: 31 Oct 2023 11:12

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

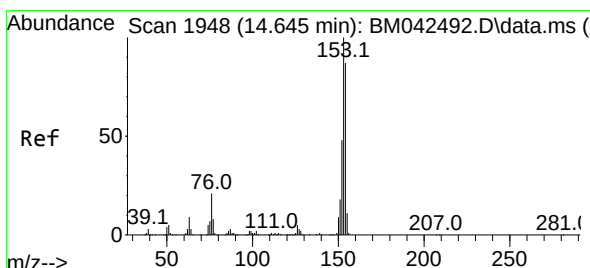
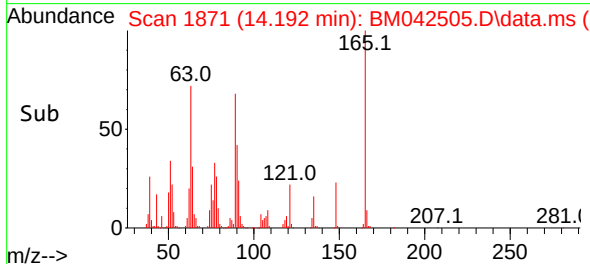
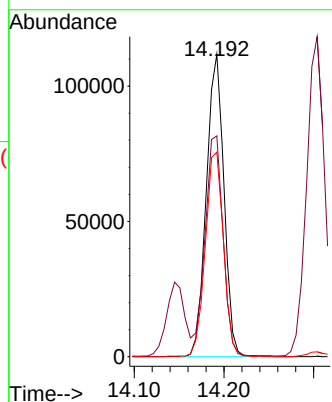
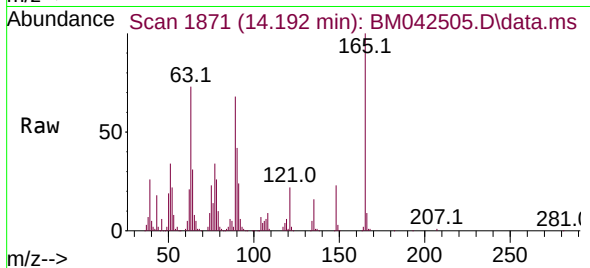
Tgt Ion:165 Resp: 151921

Ion Ratio Lower Upper

165 100

63 73.0 59.4 89.0

89 67.6 57.0 85.6



#52

Acenaphthene

Concen: 41.501 ng

RT: 14.639 min Scan# 1947

Delta R.T. -0.006 min

Lab File: BM042505.D

Acq: 31 Oct 2023 11:12

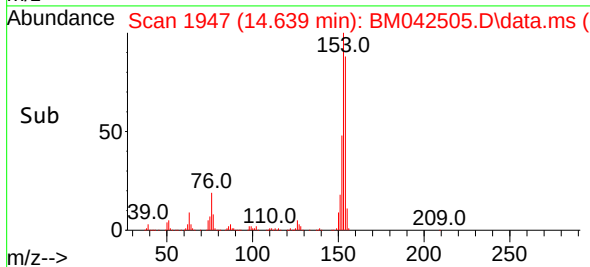
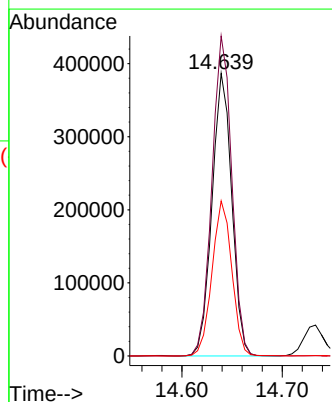
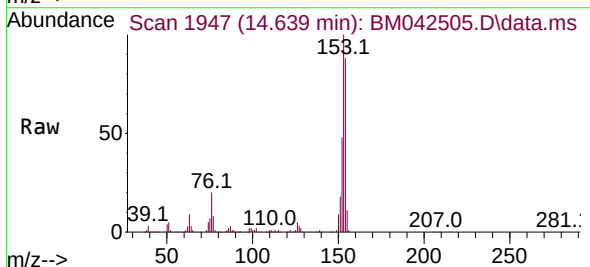
Tgt Ion:154 Resp: 530287

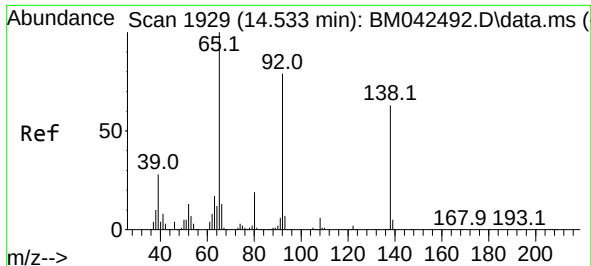
Ion Ratio Lower Upper

154 100

153 113.3 92.0 138.0

152 54.9 44.0 66.0

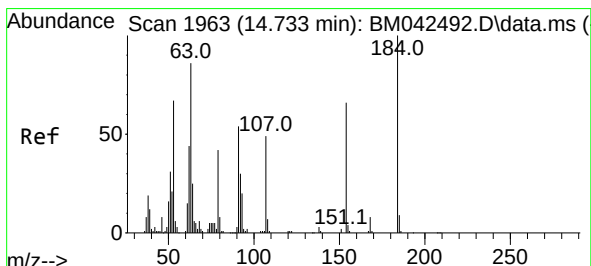
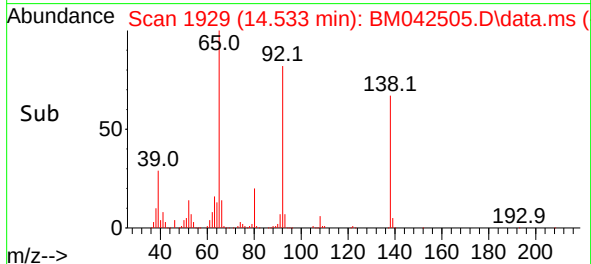
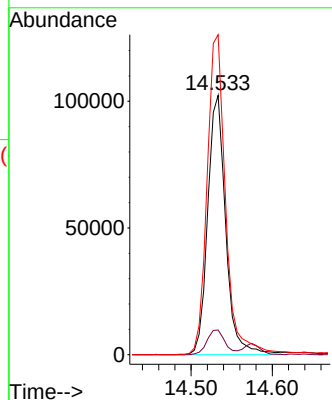
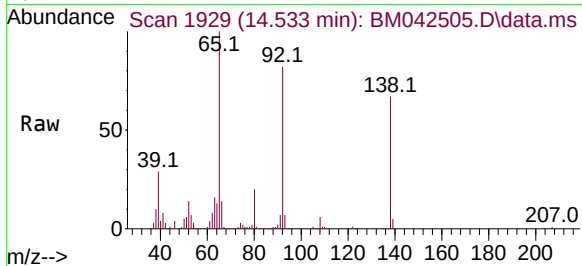




#53
3-Nitroaniline
Concen: 40.862 ng
RT: 14.533 min Scan# 1929
Delta R.T. 0.000 min
Lab File: BM042505.D
Acq: 31 Oct 2023 11:12

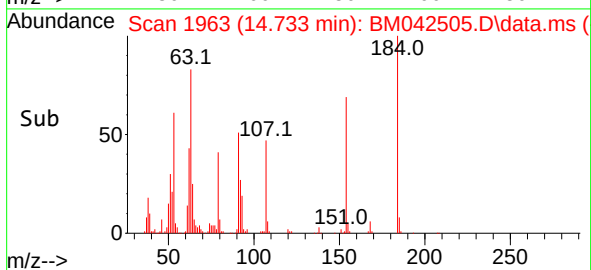
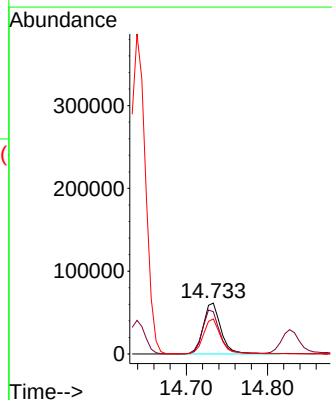
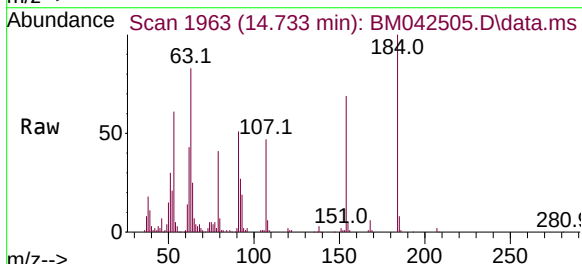
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

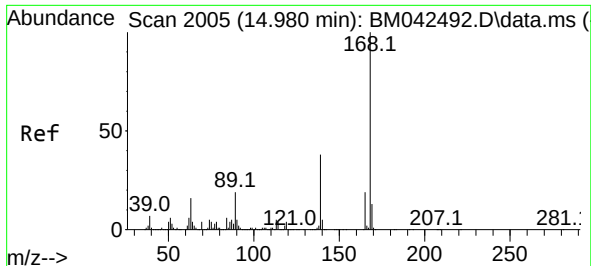
Tgt Ion:138 Resp: 157225
Ion Ratio Lower Upper
138 100
108 9.5 7.9 11.9
92 123.4 100.7 151.1



#54
2,4-Dinitrophenol
Concen: 41.604 ng
RT: 14.733 min Scan# 1963
Delta R.T. 0.000 min
Lab File: BM042505.D
Acq: 31 Oct 2023 11:12

Tgt Ion:184 Resp: 92888
Ion Ratio Lower Upper
184 100
63 82.9 69.2 103.8
154 68.7 53.2 79.8

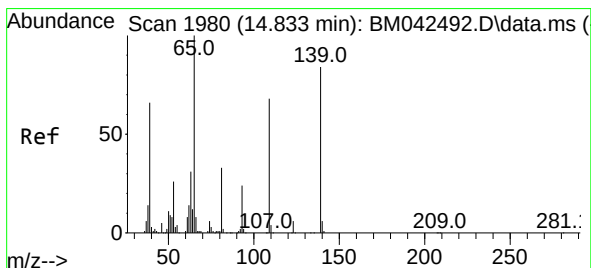
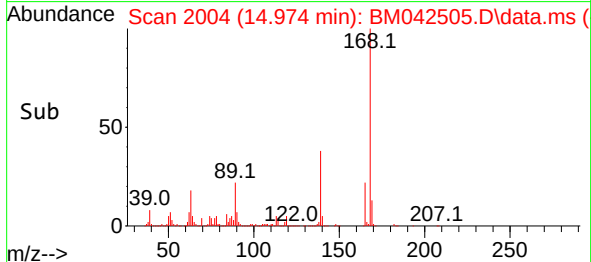
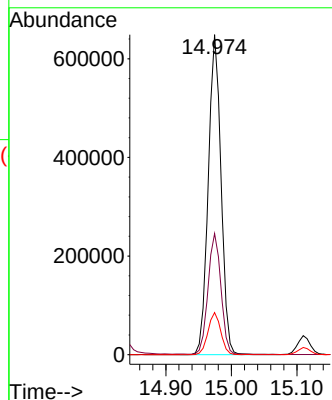
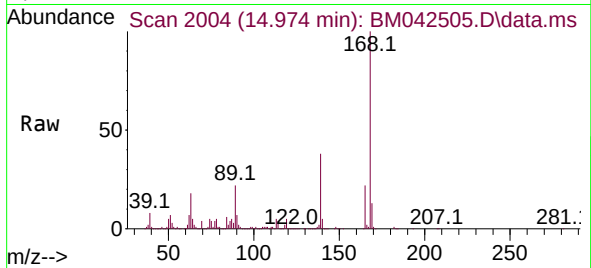




#55
Dibenzenofuran
Concen: 42.337 ng
RT: 14.974 min Scan# 2005
Delta R.T. -0.006 min
Lab File: BM042505.D
Acq: 31 Oct 2023 11:12

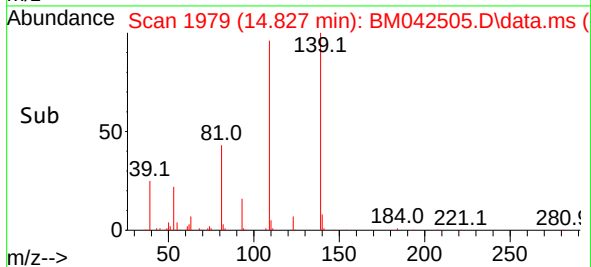
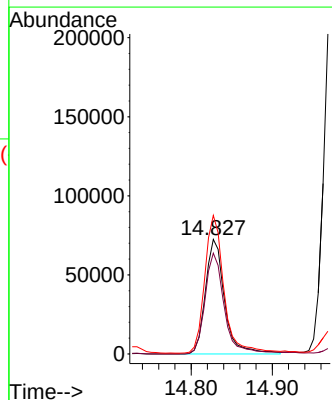
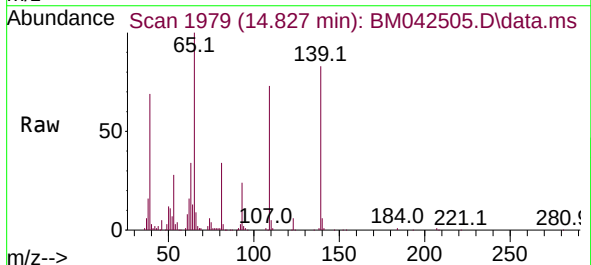
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

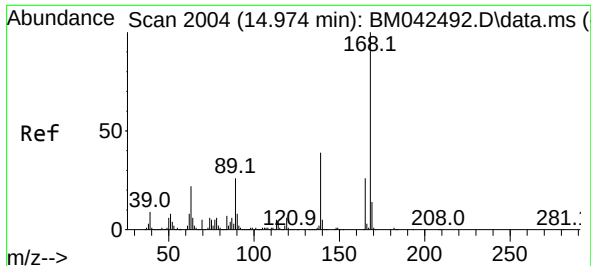
Tgt Ion:168 Resp: 879559
Ion Ratio Lower Upper
168 100
139 37.9 30.4 45.6
169 13.2 10.6 15.8



#56
4-Nitrophenol
Concen: 41.227 ng
RT: 14.827 min Scan# 1979
Delta R.T. -0.006 min
Lab File: BM042505.D
Acq: 31 Oct 2023 11:12

Tgt Ion:139 Resp: 119107
Ion Ratio Lower Upper
139 100
109 88.1 61.3 101.3
65 121.0 100.2 140.2

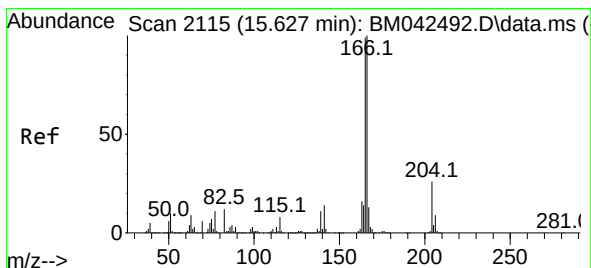
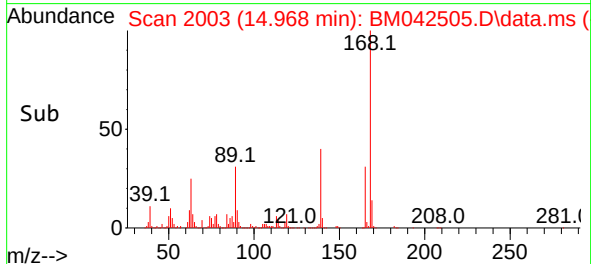
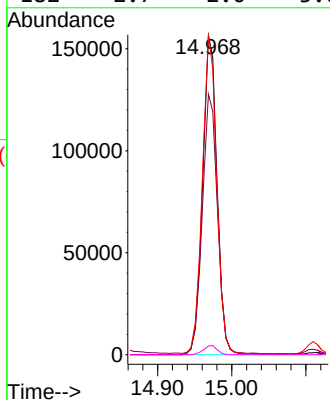
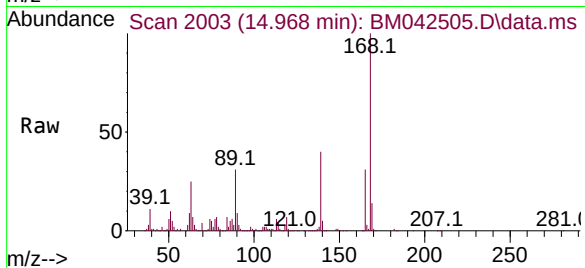




#57
2,4-Dinitrotoluene
Concen: 40.730 ng
RT: 14.968 min Scan# 2110
Delta R.T. -0.006 min
Lab File: BM042505.D
Acq: 31 Oct 2023 11:12

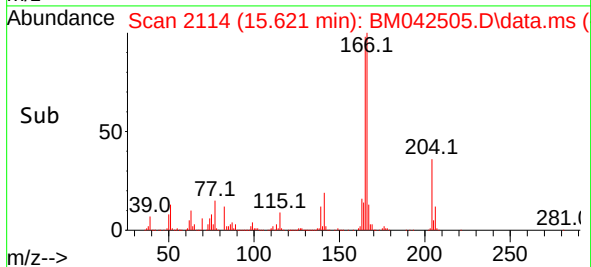
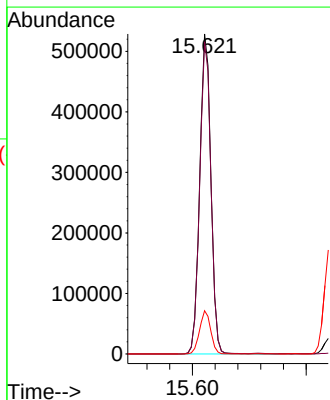
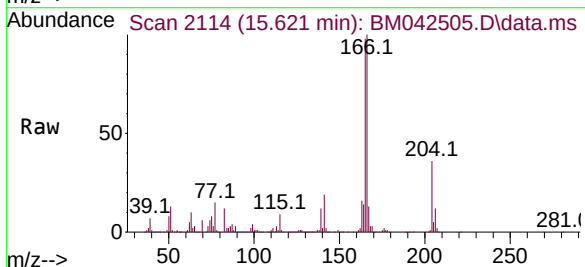
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

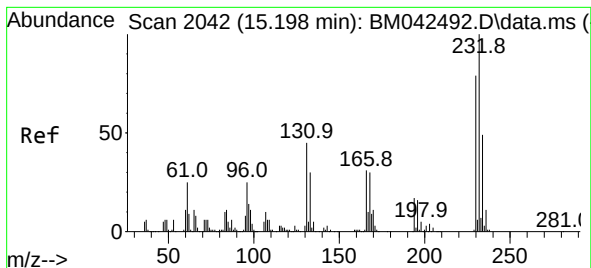
Tgt Ion:165 Resp: 212057
Ion Ratio Lower Upper
165 100
63 81.6 66.7 100.1
89 100.2 80.2 120.4
182 2.7 2.0 3.0



#58
Fluorene
Concen: 42.892 ng
RT: 15.621 min Scan# 2114
Delta R.T. -0.006 min
Lab File: BM042505.D
Acq: 31 Oct 2023 11:12

Tgt Ion:166 Resp: 720986
Ion Ratio Lower Upper
166 100
165 97.6 79.3 118.9
167 13.5 10.5 15.7

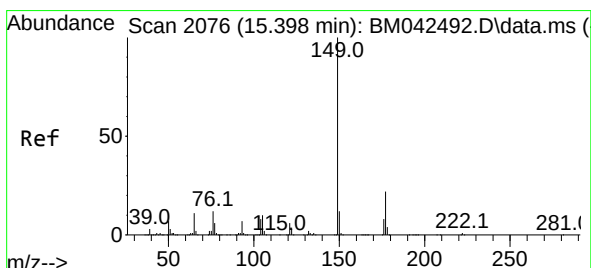
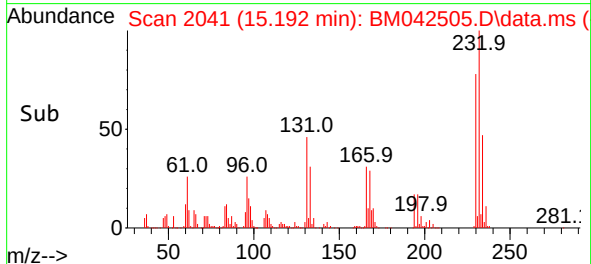
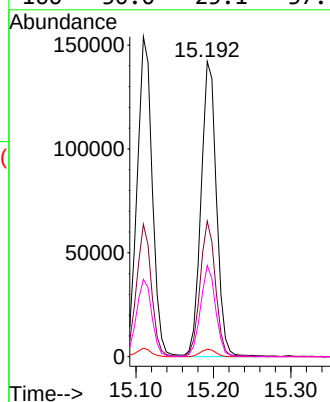
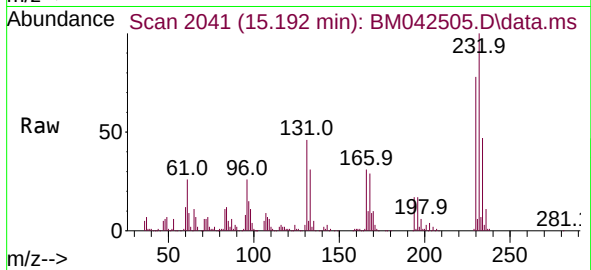




#59
2,3,4,6-Tetrachlorophenol
Concen: 45.343 ng
RT: 15.192 min Scan# 2041
Delta R.T. -0.006 min
Lab File: BM042505.D
Acq: 31 Oct 2023 11:12

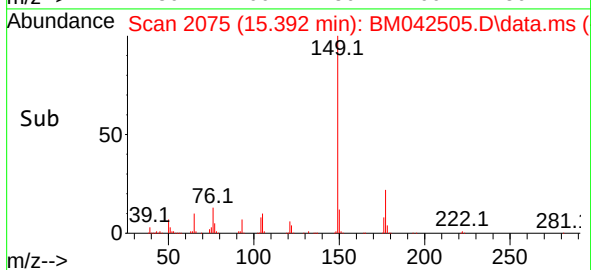
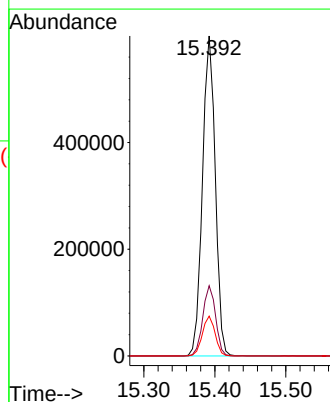
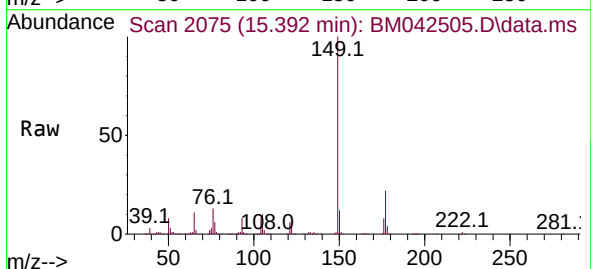
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

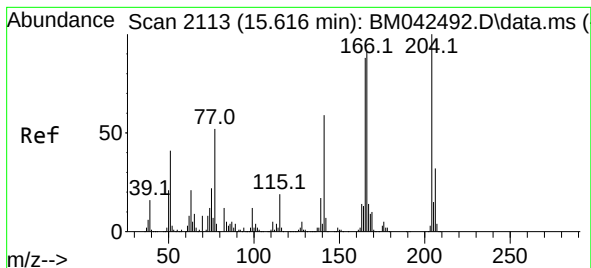
Tgt Ion:232 Resp: 197137
Ion Ratio Lower Upper
232 100
131 45.5 37.2 55.8
130 2.5 2.1 3.1
166 30.0 25.1 37.7



#60
Diethylphthalate
Concen: 43.976 ng
RT: 15.392 min Scan# 2075
Delta R.T. -0.006 min
Lab File: BM042505.D
Acq: 31 Oct 2023 11:12

Tgt Ion:149 Resp: 754865
Ion Ratio Lower Upper
149 100
177 22.0 17.8 26.6
150 12.5 9.8 14.6

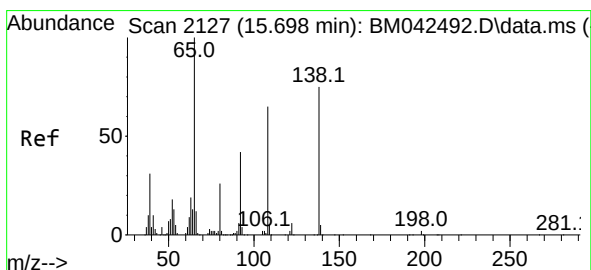
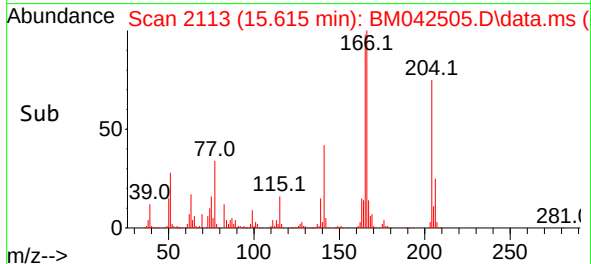
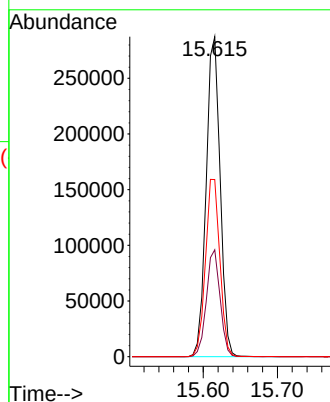
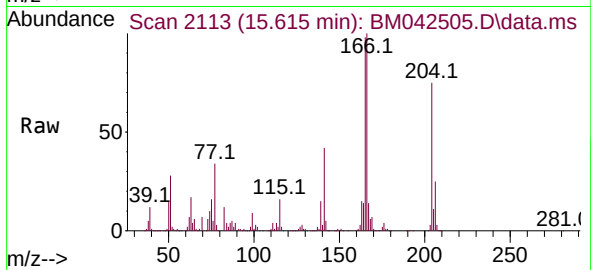




#61
4-Chlorophenyl-phenylether
Concen: 44.316 ng
RT: 15.615 min Scan# 2113
Delta R.T. -0.000 min
Lab File: BM042505.D
Acq: 31 Oct 2023 11:12

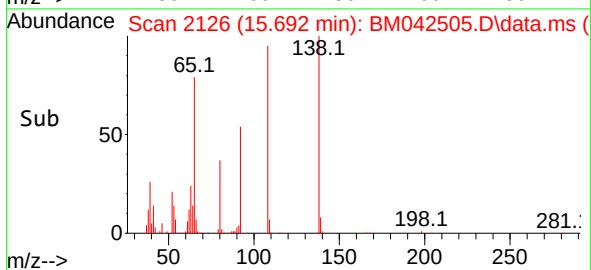
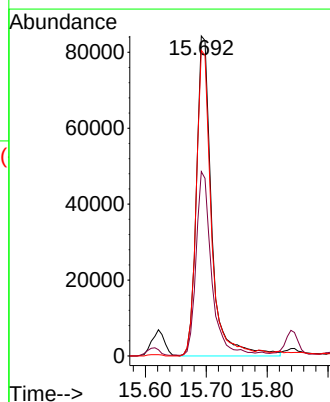
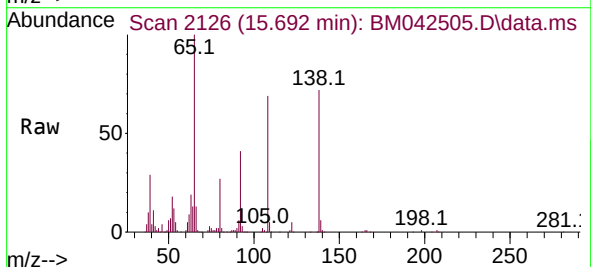
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

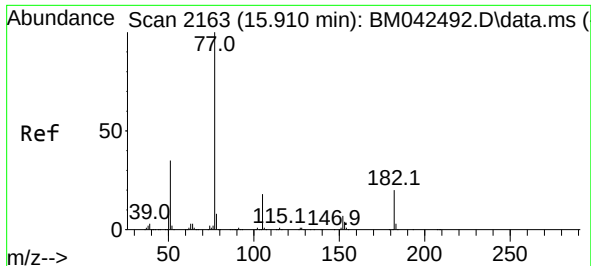
Tgt Ion:204 Resp: 376332
Ion Ratio Lower Upper
204 100
206 33.4 25.9 38.9
141 55.4 46.8 70.2



#62
4-Nitroaniline
Concen: 42.501 ng
RT: 15.692 min Scan# 2126
Delta R.T. -0.006 min
Lab File: BM042505.D
Acq: 31 Oct 2023 11:12

Tgt Ion:138 Resp: 146044
Ion Ratio Lower Upper
138 100
92 57.6 37.0 77.0
108 95.5 67.2 107.2

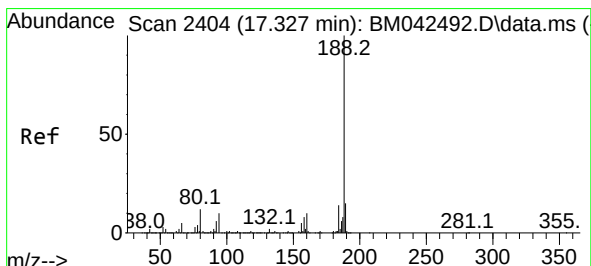
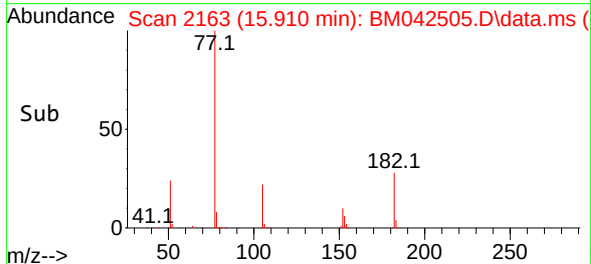
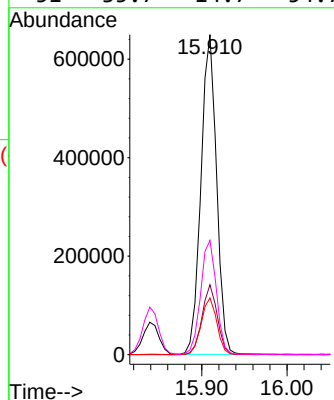
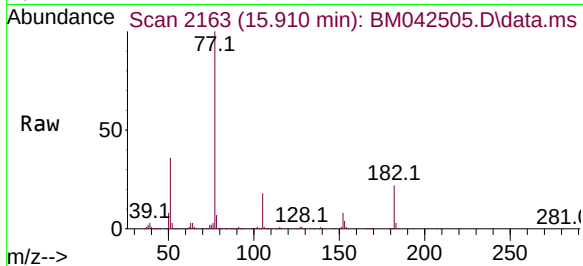




#63
Azobenzene
Concen: 43.637 ng
RT: 15.910 min Scan# 2163
Delta R.T. -0.000 min
Lab File: BM042505.D
Acq: 31 Oct 2023 11:12

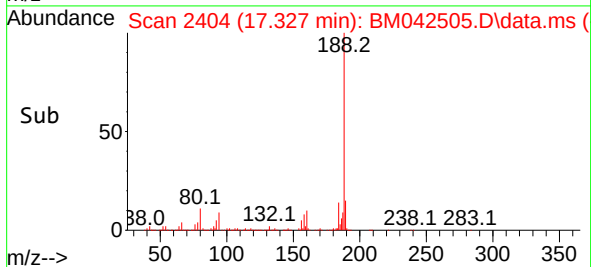
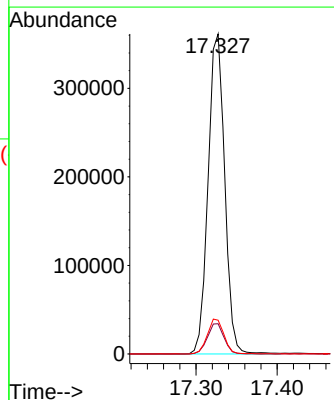
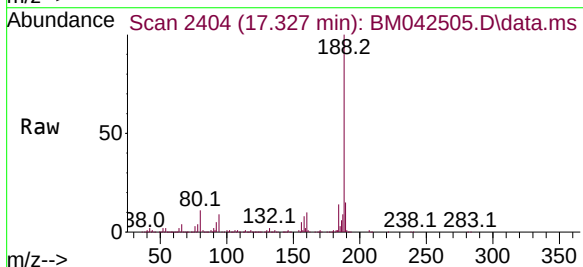
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

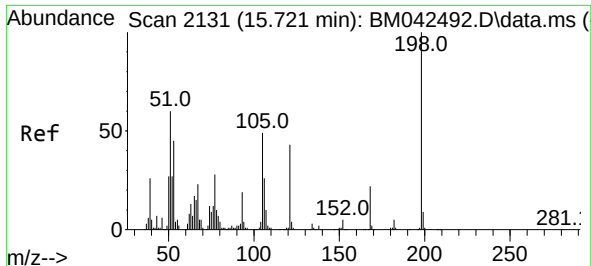
Tgt Ion: 77	Resp: 825431
Ion Ratio	Lower Upper
77 100	
182 21.8	0.0 40.0
105 17.8	0.0 37.9
51 35.7	14.7 54.7



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.327 min Scan# 2404
Delta R.T. 0.000 min
Lab File: BM042505.D
Acq: 31 Oct 2023 11:12

Tgt Ion:188	Resp: 512461
Ion Ratio	Lower Upper
188 100	
94 9.4	8.2 12.4
80 10.5	9.4 14.2

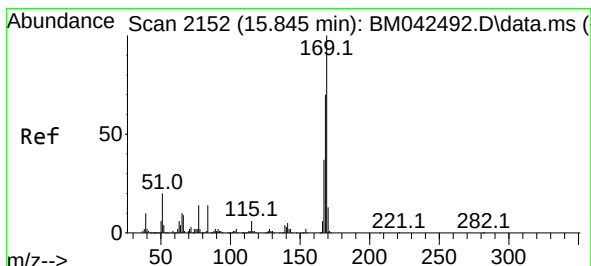
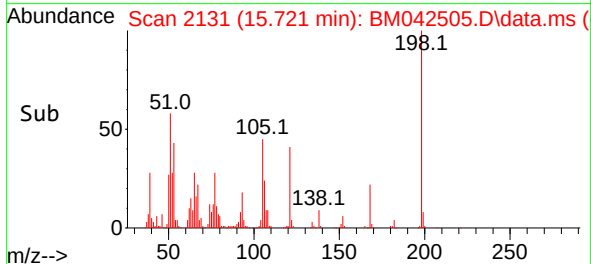
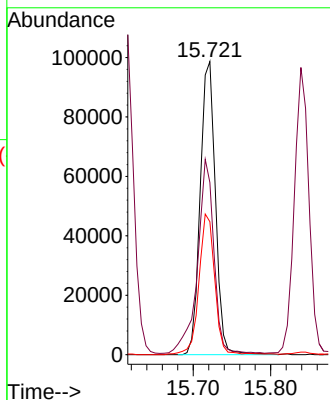
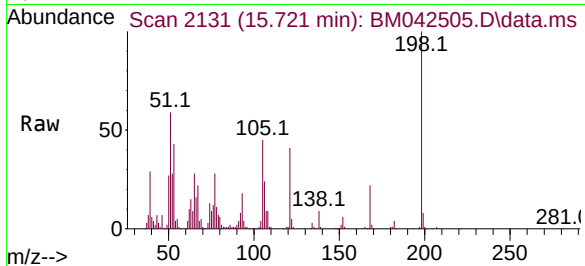




#65
4,6-Dinitro-2-methylphenol
Concen: 41.734 ng
RT: 15.721 min Scan# 2131
Delta R.T. 0.000 min
Lab File: BM042505.D
Acq: 31 Oct 2023 11:12

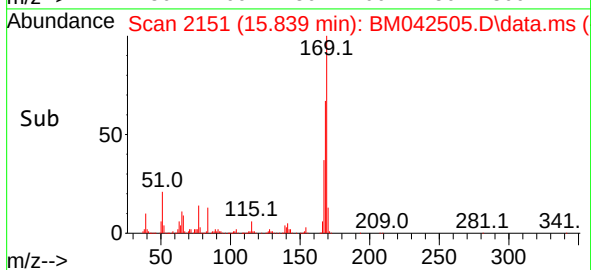
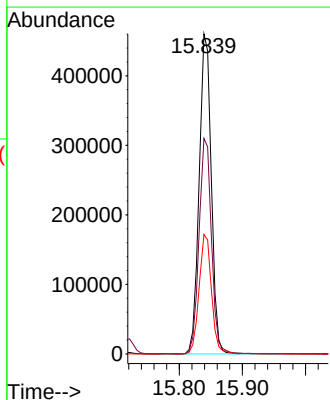
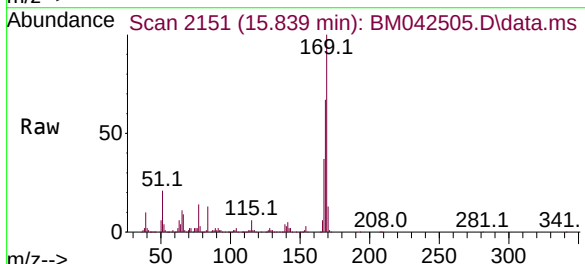
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

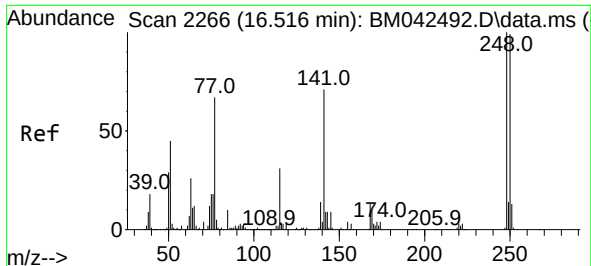
Tgt Ion:198 Resp: 134633
Ion Ratio Lower Upper
198 100
51 58.7 42.4 82.4
105 45.4 29.2 69.2



#66
n-Nitrosodiphenylamine
Concen: 42.358 ng
RT: 15.839 min Scan# 2151
Delta R.T. -0.006 min
Lab File: BM042505.D
Acq: 31 Oct 2023 11:12

Tgt Ion:169 Resp: 612054
Ion Ratio Lower Upper
169 100
168 67.4 55.9 83.9
167 37.3 29.8 44.8

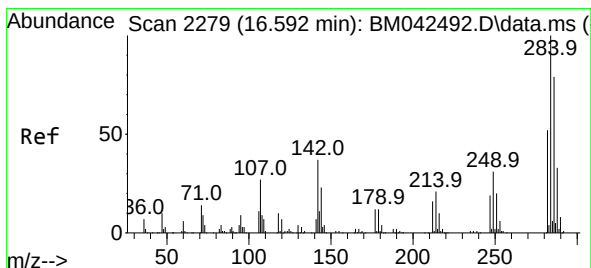
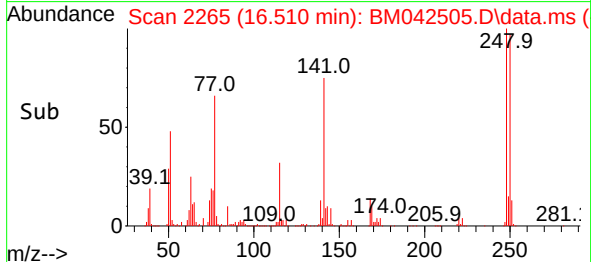
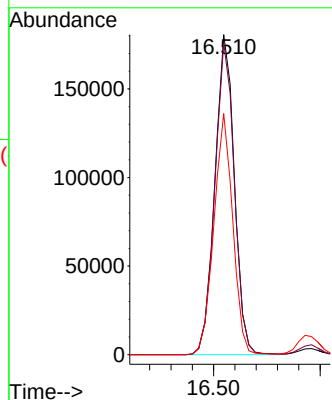
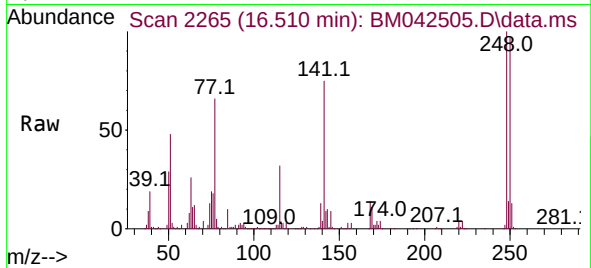




#67
4-Bromophenyl-phenylether
Concen: 44.679 ng
RT: 16.510 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM042505.D
Acq: 31 Oct 2023 11:12

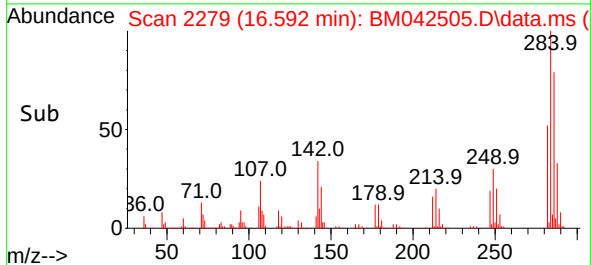
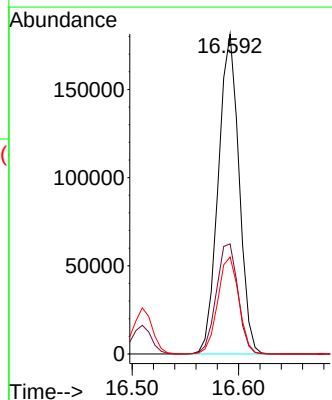
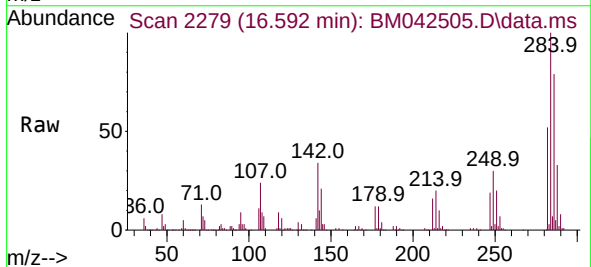
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

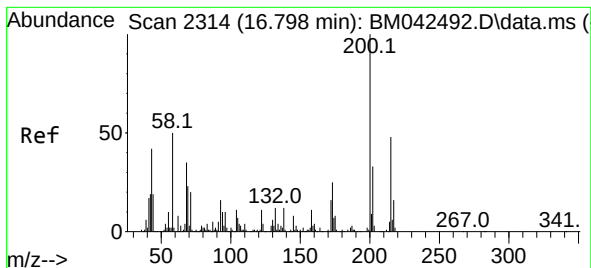
Tgt Ion:248 Resp: 228946
Ion Ratio Lower Upper
248 100
250 97.4 79.4 119.0
141 75.3 57.0 85.6



#68
Hexachlorobenzene
Concen: 43.145 ng
RT: 16.592 min Scan# 2279
Delta R.T. -0.000 min
Lab File: BM042505.D
Acq: 31 Oct 2023 11:12

Tgt Ion:284 Resp: 244590
Ion Ratio Lower Upper
284 100
142 34.4 29.8 44.6
249 30.3 25.1 37.7





#69

Atrazine

Concen: 44.204 ng

RT: 16.792 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM042505.D

Acq: 31 Oct 2023 11:12

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

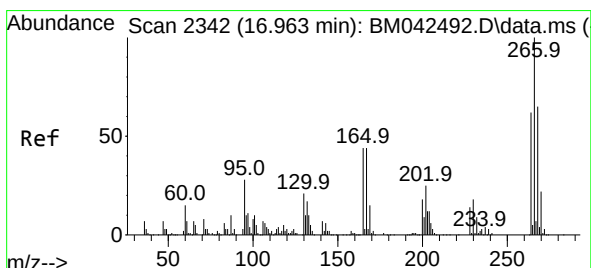
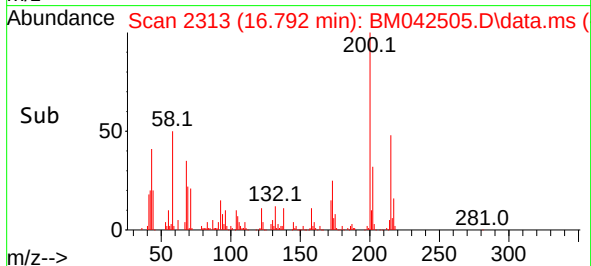
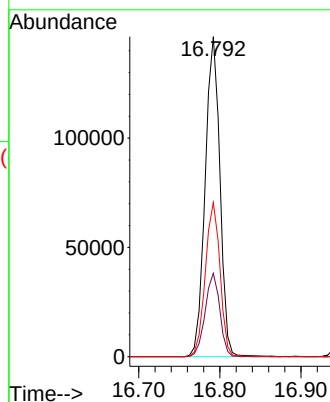
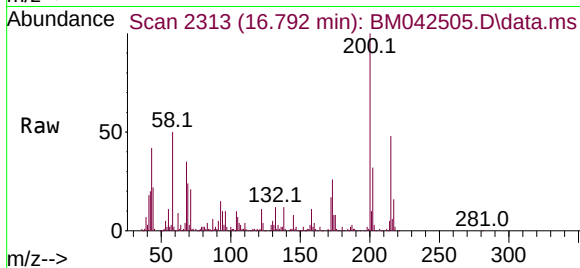
Tgt Ion:200 Resp: 184561

Ion Ratio Lower Upper

200 100

173 26.0 5.4 45.4

215 48.2 27.9 67.9



#70

Pentachlorophenol

Concen: 44.992 ng

RT: 16.957 min Scan# 2341

Delta R.T. -0.006 min

Lab File: BM042505.D

Acq: 31 Oct 2023 11:12

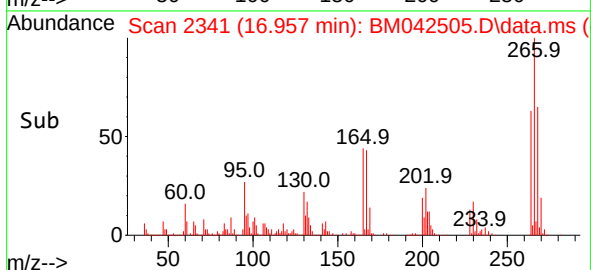
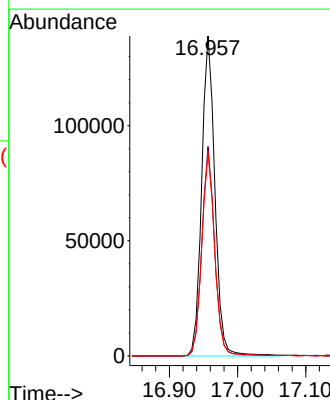
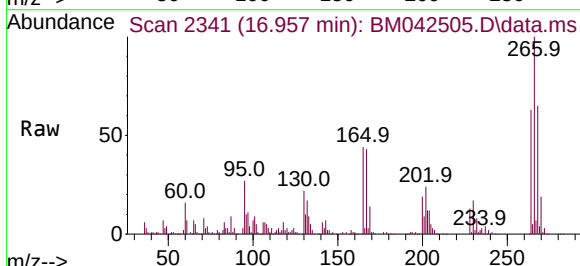
Tgt Ion:266 Resp: 187512

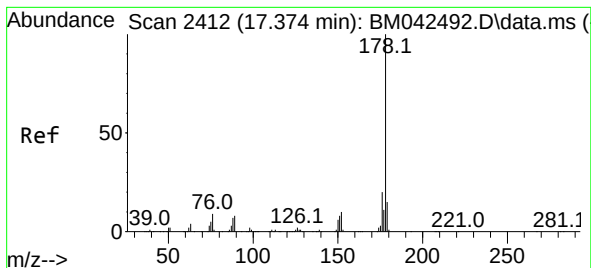
Ion Ratio Lower Upper

266 100

268 65.5 51.7 77.5

264 63.2 49.4 74.2





#71

Phenanthrene

Concen: 42.201 ng

RT: 17.368 min Scan# 2411

Delta R.T. -0.006 min

Lab File: BM042505.D

Acq: 31 Oct 2023 11:12

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

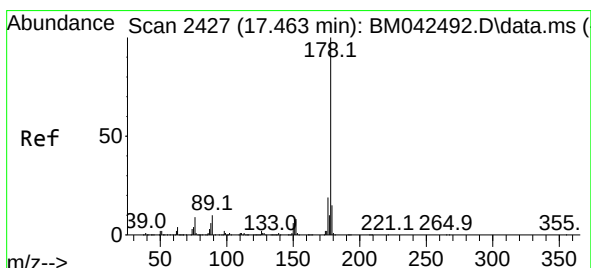
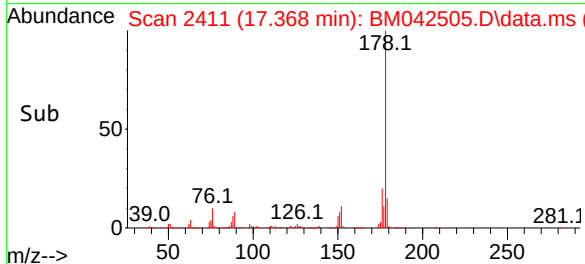
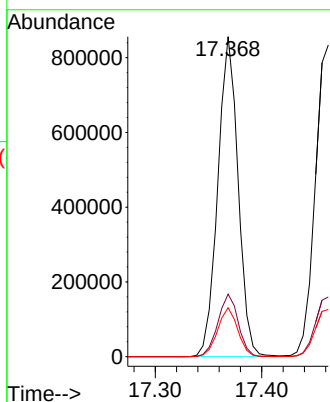
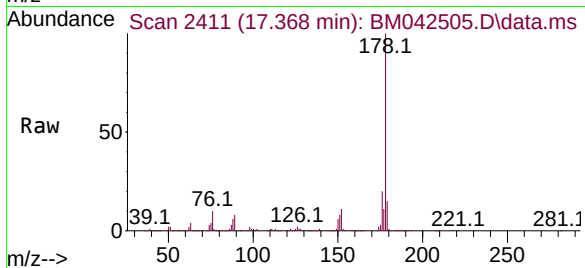
Tgt Ion:178 Resp: 1130169

Ion Ratio Lower Upper

178 100

176 19.6 15.8 23.8

179 15.3 12.2 18.4



#72

Anthracene

Concen: 43.248 ng

RT: 17.462 min Scan# 2427

Delta R.T. -0.000 min

Lab File: BM042505.D

Acq: 31 Oct 2023 11:12

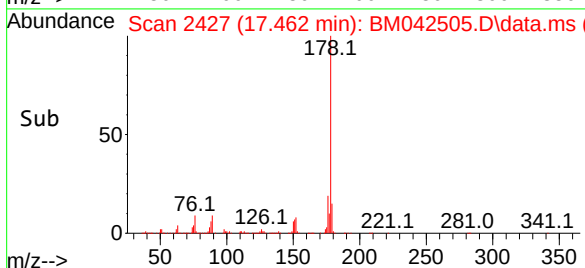
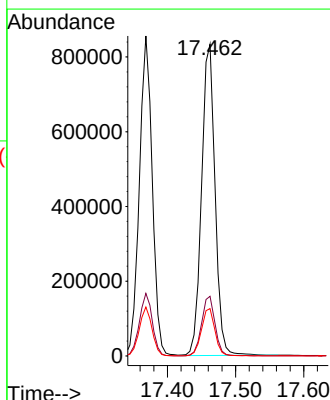
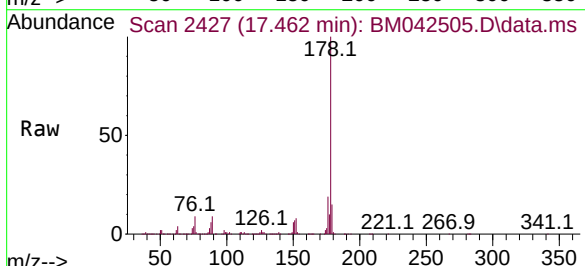
Tgt Ion:178 Resp: 1147213

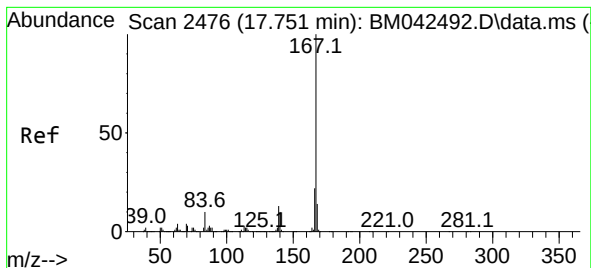
Ion Ratio Lower Upper

178 100

176 19.2 15.2 22.8

179 15.2 12.3 18.5





#73

Carbazole

Concen: 46.897 ng

RT: 17.751 min Scan# 24

Delta R.T. -0.000 min

Lab File: BM042505.D

Acq: 31 Oct 2023 11:12

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

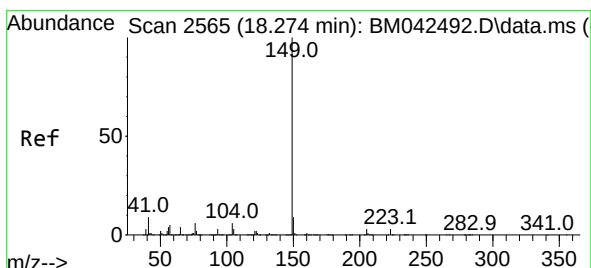
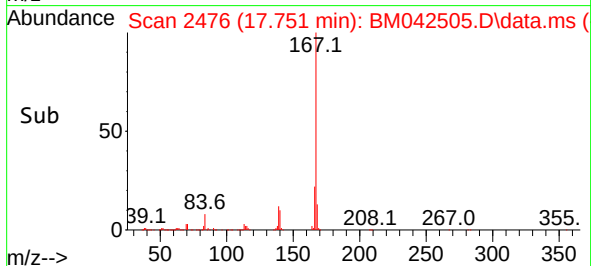
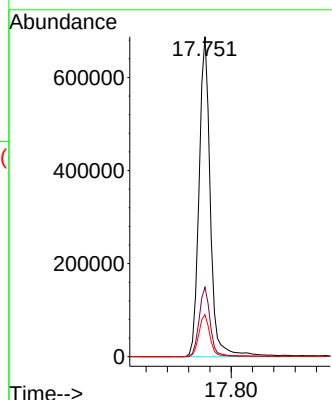
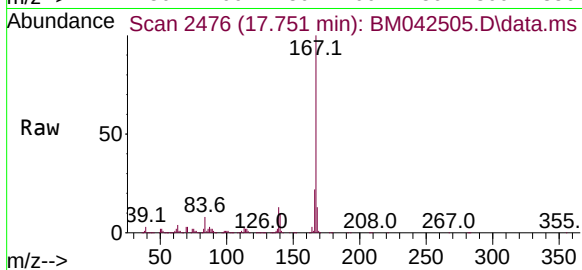
Tgt Ion:167 Resp: 1012009

Ion Ratio Lower Upper

167 100

166 21.7 17.4 26.2

139 13.2 10.5 15.7



#74

Di-n-butylphthalate

Concen: 47.237 ng

RT: 18.268 min Scan# 2564

Delta R.T. -0.006 min

Lab File: BM042505.D

Acq: 31 Oct 2023 11:12

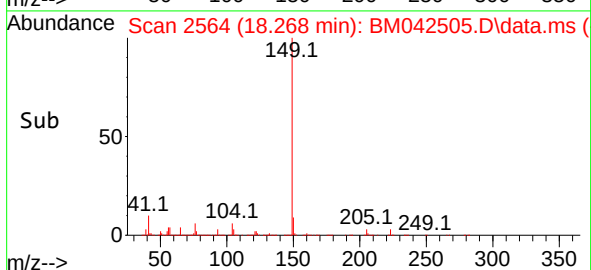
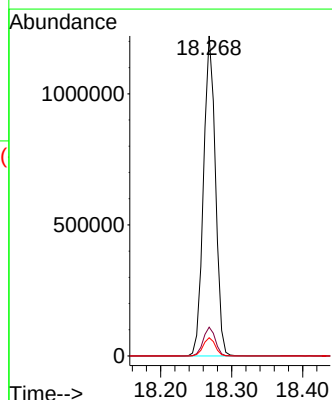
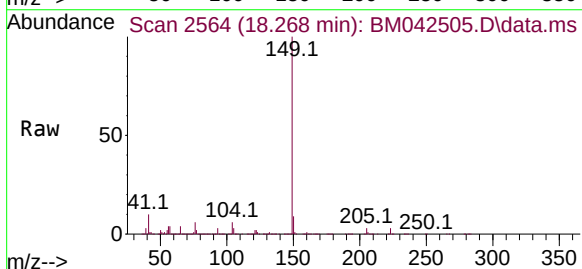
Tgt Ion:149 Resp: 1431449

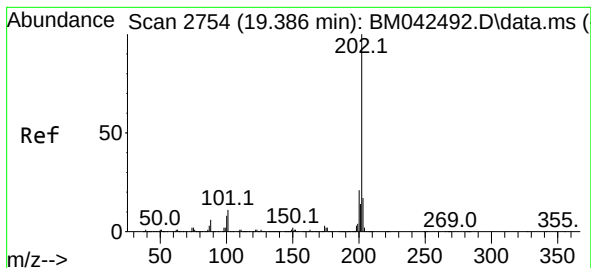
Ion Ratio Lower Upper

149 100

150 9.0 7.0 10.6

104 5.7 4.6 6.8





#75

Fluoranthene

Concen: 44.672 ng

RT: 19.380 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM042505.D

Acq: 31 Oct 2023 11:12

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

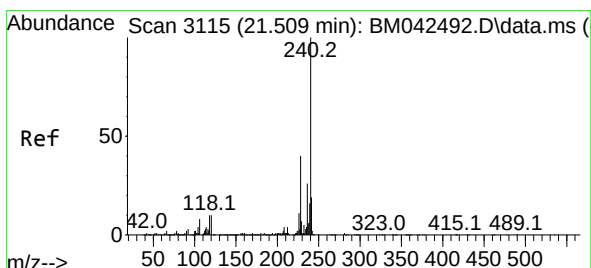
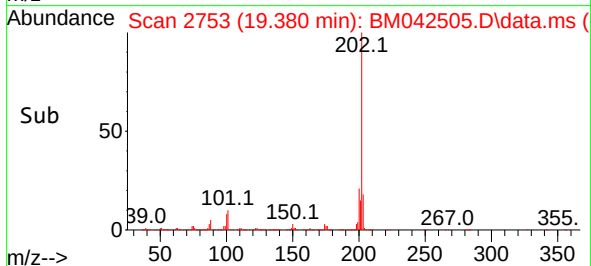
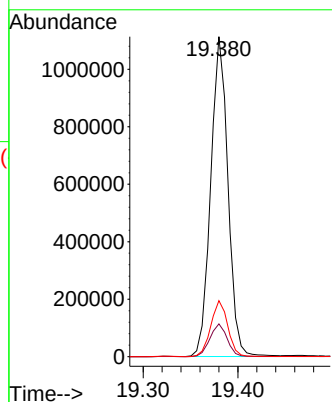
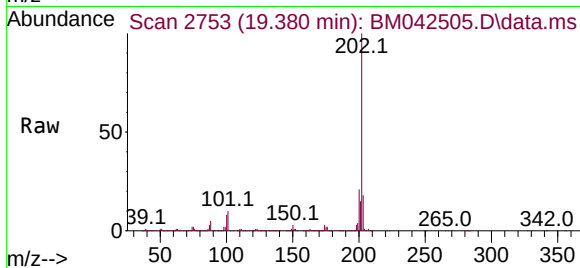
Tgt Ion:202 Resp: 1405325

Ion Ratio Lower Upper

202 100

101 10.2 0.0 30.5

203 17.5 0.0 37.0



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.509 min Scan# 3115

Delta R.T. -0.000 min

Lab File: BM042505.D

Acq: 31 Oct 2023 11:12

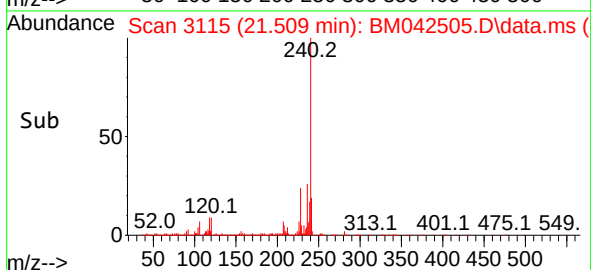
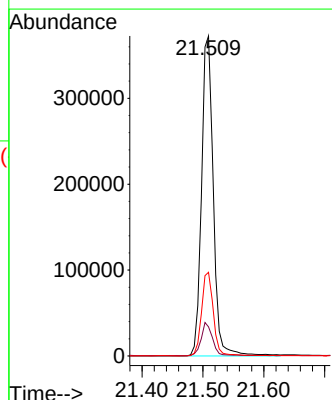
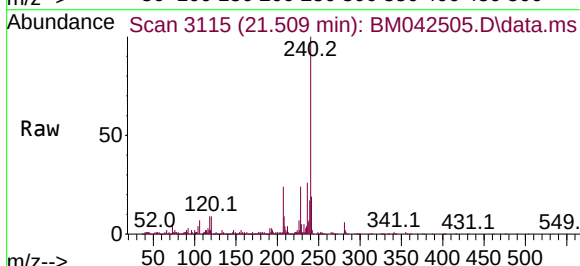
Tgt Ion:240 Resp: 499012

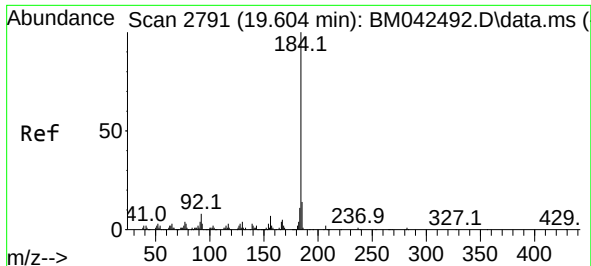
Ion Ratio Lower Upper

240 100

120 9.1 8.3 12.5

236 26.1 20.8 31.2

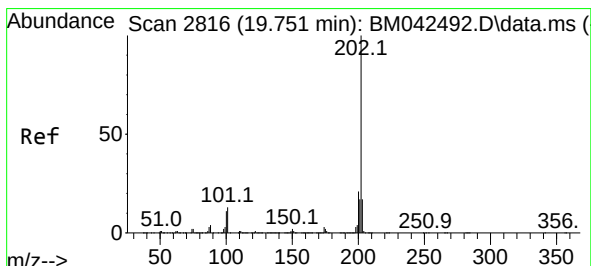
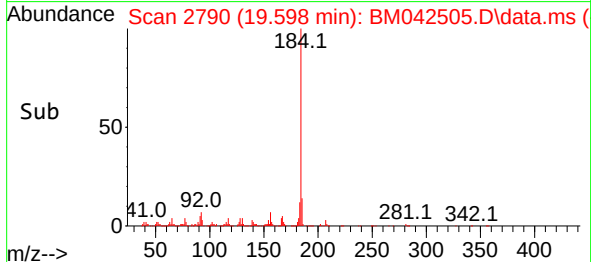
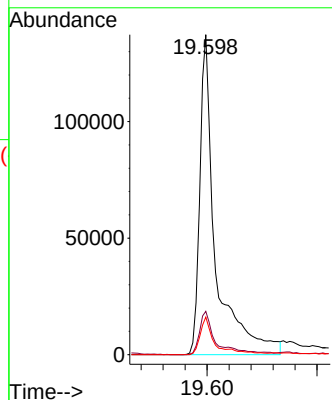
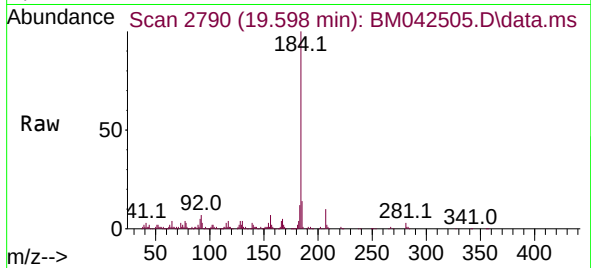




#77
Benzidine
Concen: 57.441 ng
RT: 19.598 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM042505.D
Acq: 31 Oct 2023 11:12

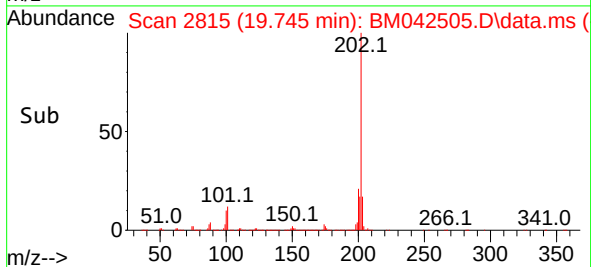
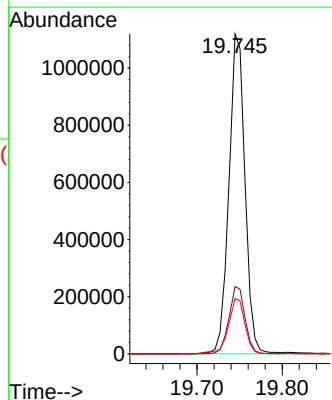
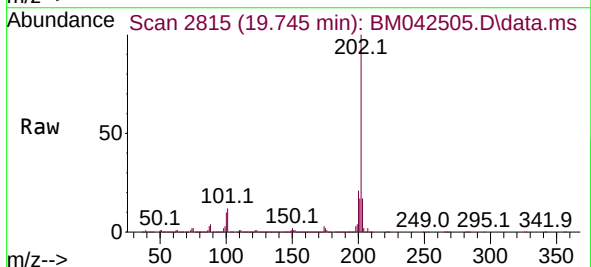
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

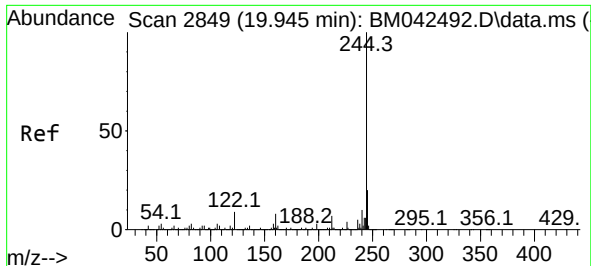
Tgt Ion:184 Resp: 274953
Ion Ratio Lower Upper
184 100
185 13.6 11.2 16.8
183 11.8 9.0 13.4



#78
Pyrene
Concen: 42.693 ng
RT: 19.745 min Scan# 2815
Delta R.T. -0.006 min
Lab File: BM042505.D
Acq: 31 Oct 2023 11:12

Tgt Ion:202 Resp: 1462896
Ion Ratio Lower Upper
202 100
200 21.1 16.9 25.3
203 17.3 13.7 20.5

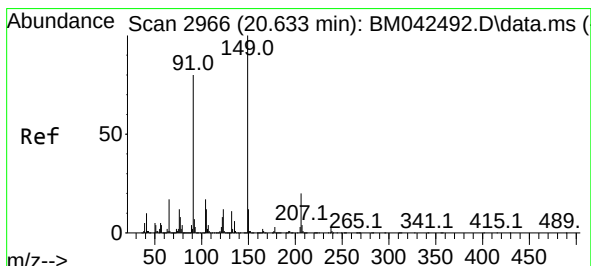
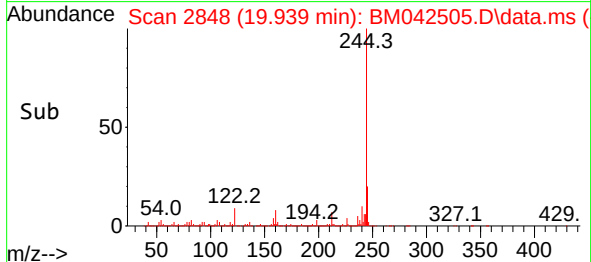
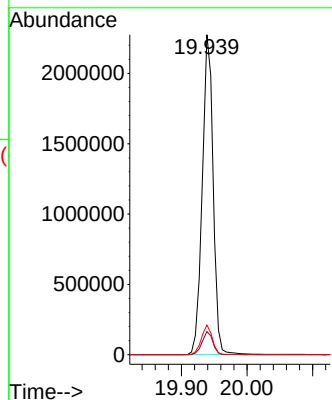
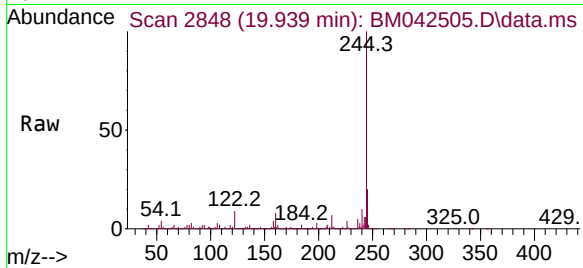




#79
 Terphenyl-d14
 Concen: 89.730 ng
 RT: 19.939 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BM042505.D
 Acq: 31 Oct 2023 11:12

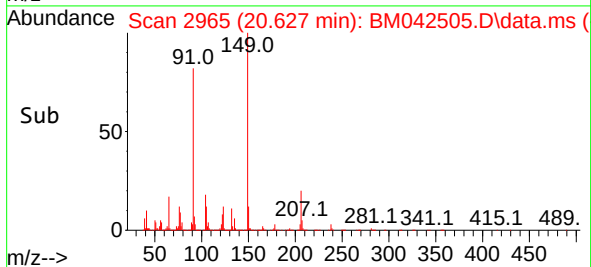
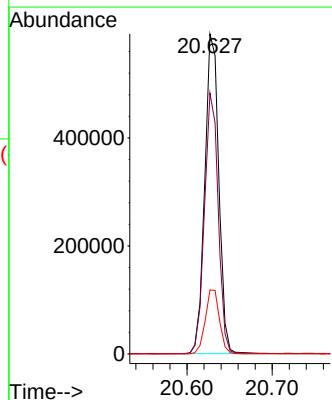
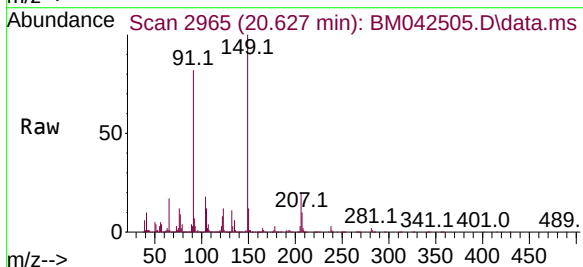
Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC040

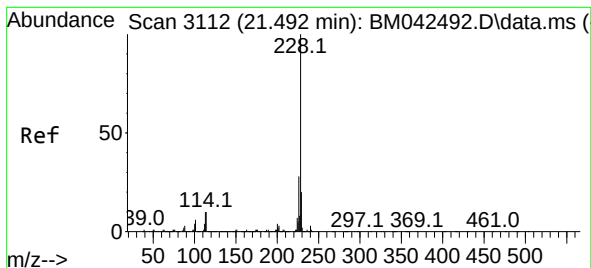
Tgt Ion:244 Resp: 2640726
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.4 8.2
 122 9.2 7.2 10.8



#80
 Butylbenzylphthalate
 Concen: 46.182 ng
 RT: 20.627 min Scan# 2965
 Delta R.T. -0.006 min
 Lab File: BM042505.D
 Acq: 31 Oct 2023 11:12

Tgt Ion:149 Resp: 675872
 Ion Ratio Lower Upper
 149 100
 91 81.5 64.2 96.4
 206 20.0 16.1 24.1





#81

Benzo(a)anthracene

Concen: 42.717 ng

RT: 21.492 min Scan# 3112

Delta R.T. -0.000 min

Lab File: BM042505.D

Acq: 31 Oct 2023 11:12

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

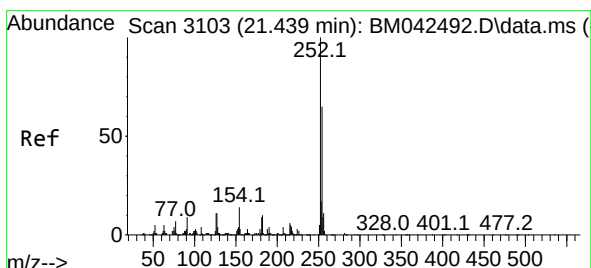
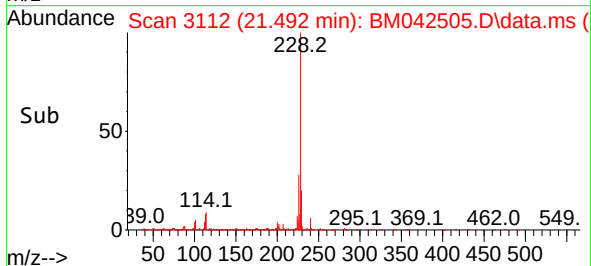
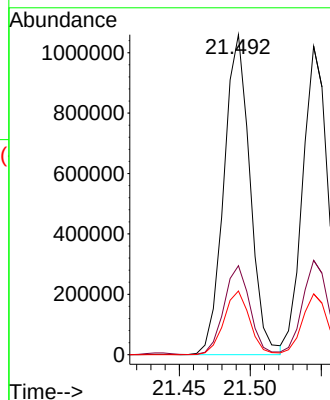
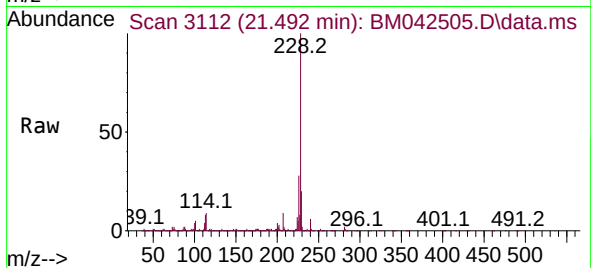
Tgt Ion:228 Resp: 1356250

Ion Ratio Lower Upper

228 100

226 27.8 22.3 33.5

229 19.9 15.8 23.8



#82

3,3'-Dichlorobenzidine

Concen: 47.467 ng

RT: 21.433 min Scan# 3102

Delta R.T. -0.006 min

Lab File: BM042505.D

Acq: 31 Oct 2023 11:12

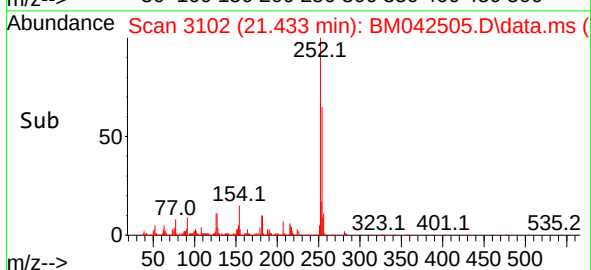
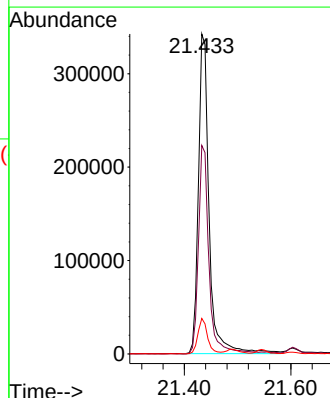
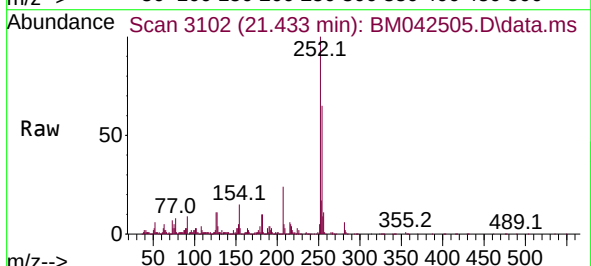
Tgt Ion:252 Resp: 478964

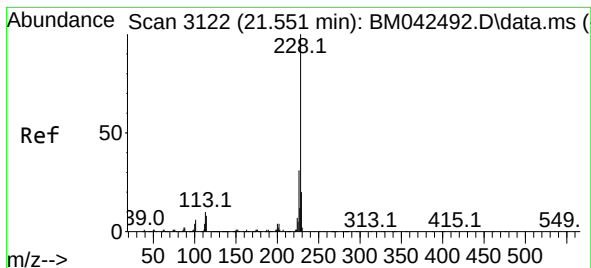
Ion Ratio Lower Upper

252 100

254 65.2 52.2 78.4

126 11.1 8.9 13.3





#83

Chrysene

Concen: 40.149 ng

RT: 21.545 min Scan# 31

Delta R.T. -0.006 min

Lab File: BM042505.D

Acq: 31 Oct 2023 11:12

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

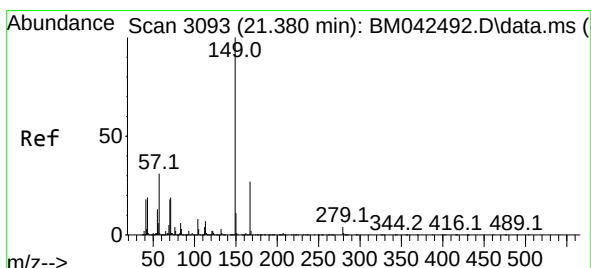
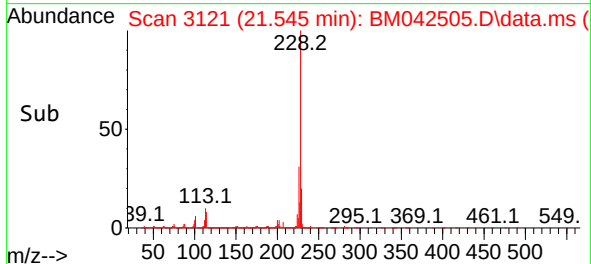
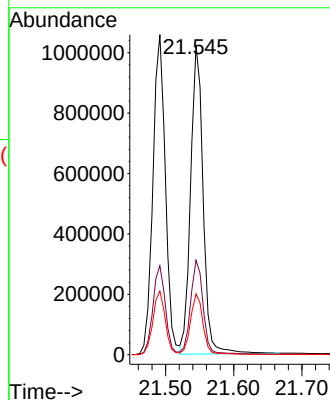
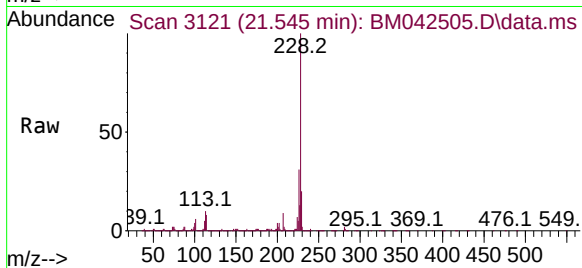
Tgt Ion:228 Resp: 1294865

Ion Ratio Lower Upper

228 100

226 30.6 24.4 36.6

229 19.7 15.7 23.5



#84

Bis(2-ethylhexyl)phthalate

Concen: 45.709 ng

RT: 21.374 min Scan# 3092

Delta R.T. -0.006 min

Lab File: BM042505.D

Acq: 31 Oct 2023 11:12

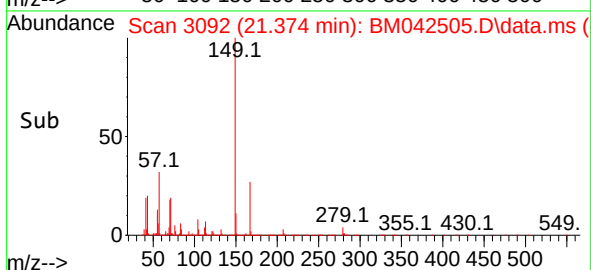
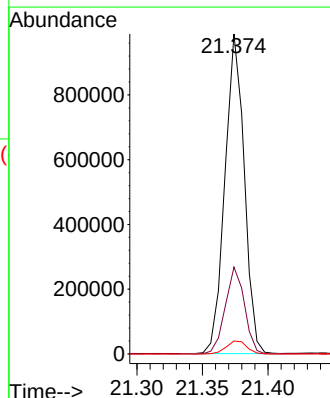
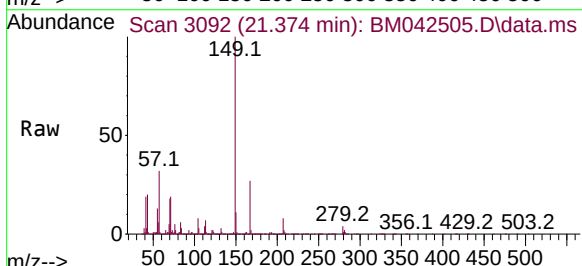
Tgt Ion:149 Resp: 1010987

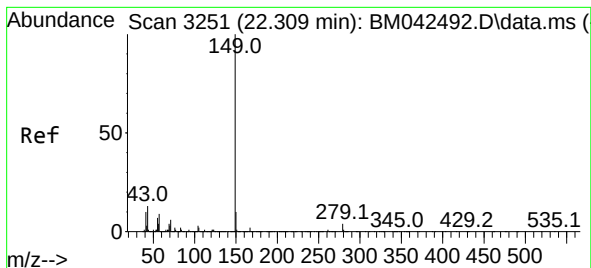
Ion Ratio Lower Upper

149 100

167 27.1 21.4 32.0

279 4.1 3.4 5.2





#85

Di-n-octyl phthalate

Concen: 43.910 ng

RT: 22.303 min Scan# 31

Delta R.T. -0.006 min

Lab File: BM042505.D

Acq: 31 Oct 2023 11:12

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

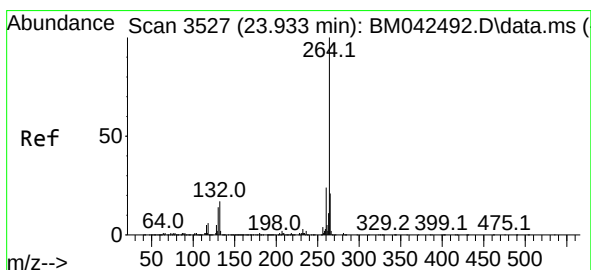
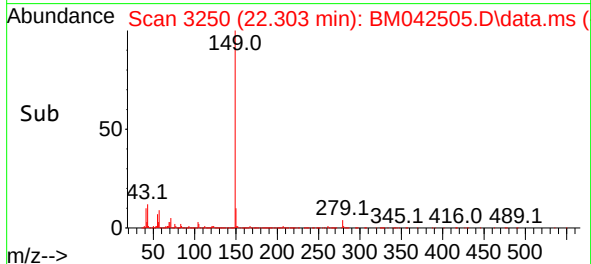
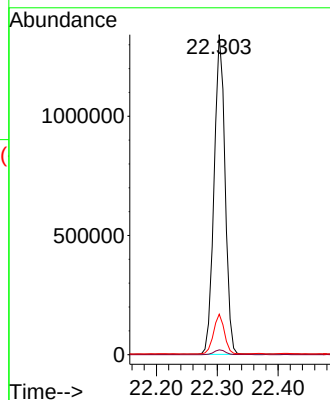
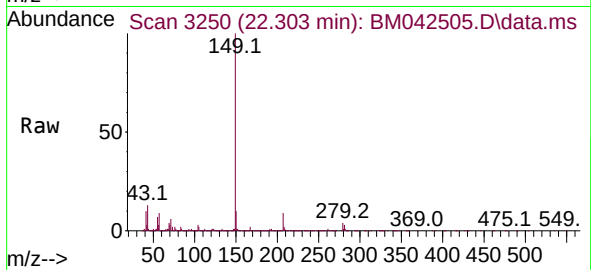
Tgt Ion:149 Resp: 1671671

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

43 12.2 10.2 15.2



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.927 min Scan# 3526

Delta R.T. -0.006 min

Lab File: BM042505.D

Acq: 31 Oct 2023 11:12

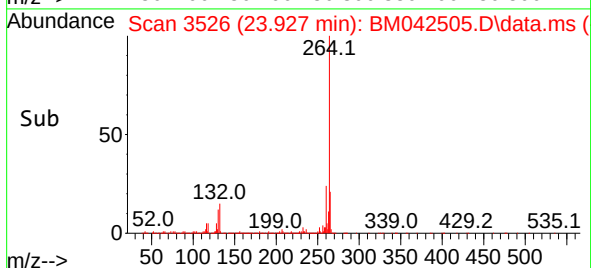
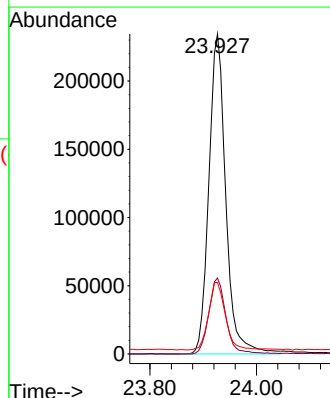
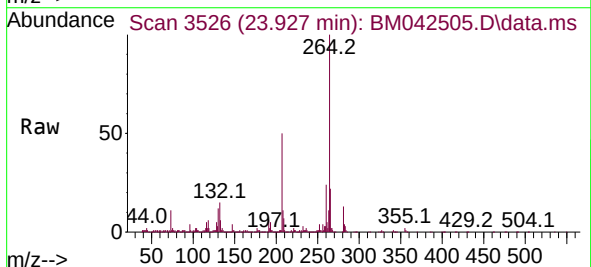
Tgt Ion:264 Resp: 516255

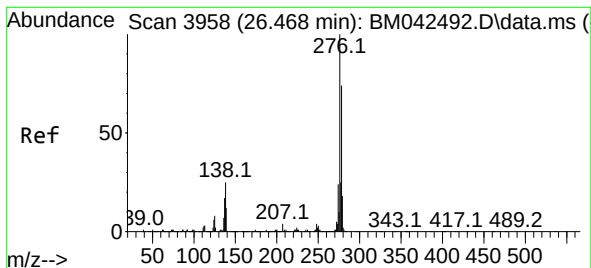
Ion Ratio Lower Upper

264 100

260 23.7 19.0 28.4

265 22.3 18.7 28.1





#87

Indeno(1,2,3-cd)pyrene

Concen: 43.888 ng

RT: 26.456 min Scan# 3399

Delta R.T. -0.012 min

Lab File: BM042505.D

Acq: 31 Oct 2023 11:12

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

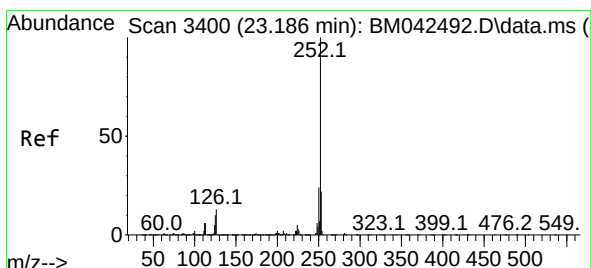
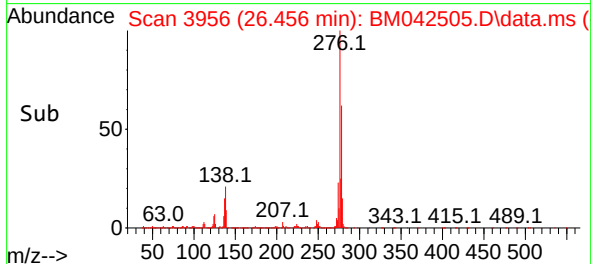
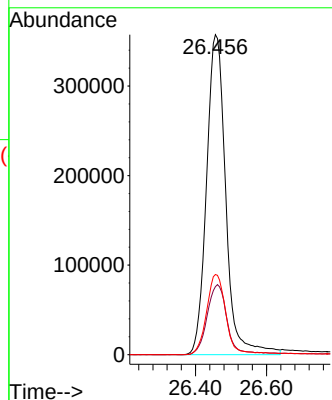
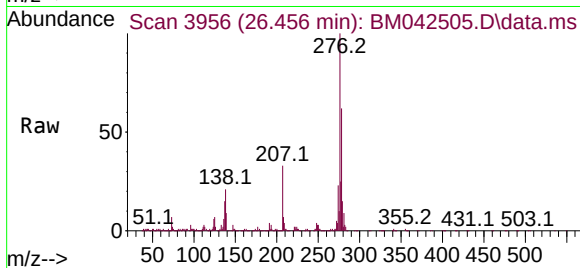
Tgt Ion:276 Resp: 1348514

Ion Ratio Lower Upper

276 100

138 22.3 20.6 31.0

277 25.3 19.5 29.3



#88

Benzo(b)fluoranthene

Concen: 41.434 ng

RT: 23.180 min Scan# 3399

Delta R.T. -0.006 min

Lab File: BM042505.D

Acq: 31 Oct 2023 11:12

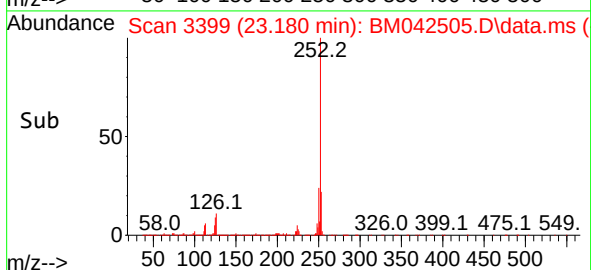
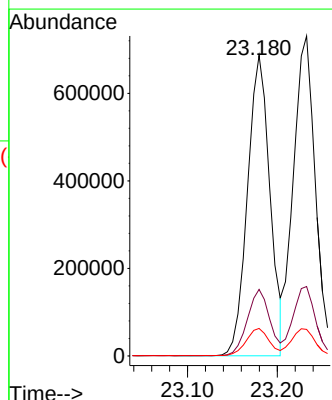
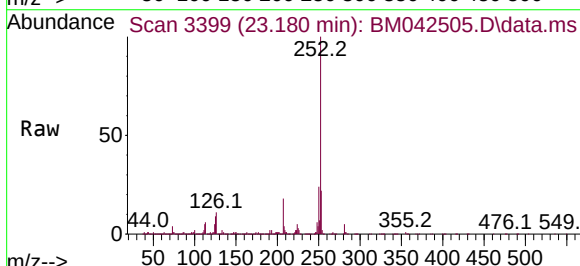
Tgt Ion:252 Resp: 1191698

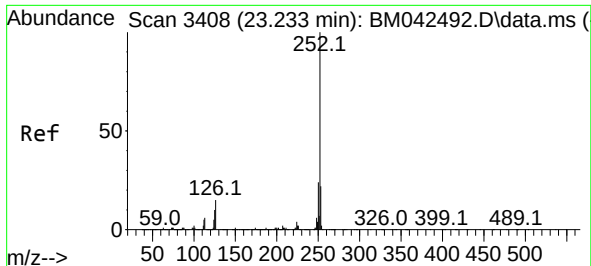
Ion Ratio Lower Upper

252 100

253 22.2 17.5 26.3

125 9.2 7.8 11.6

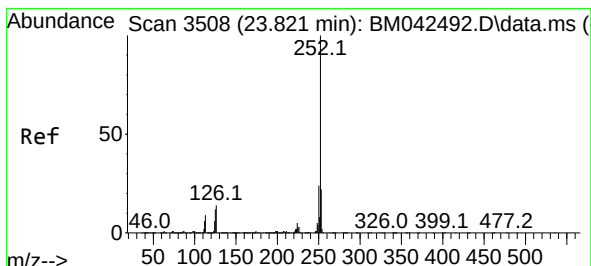
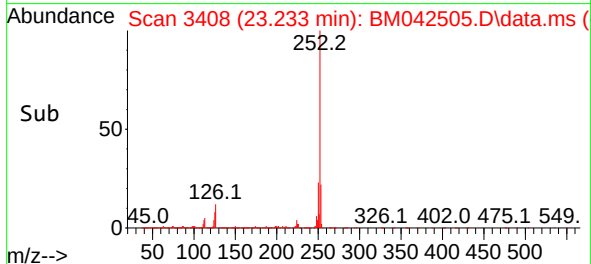
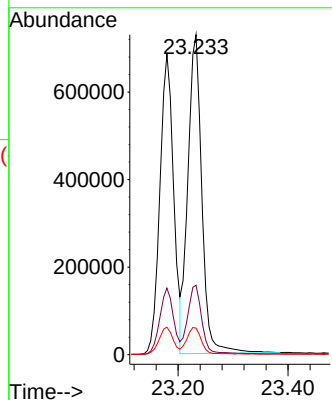
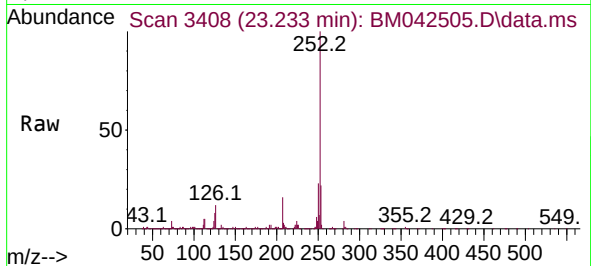




#89
Benzo(k)fluoranthene
Concen: 40.055 ng
RT: 23.233 min Scan# 3408
Delta R.T. -0.000 min
Lab File: BM042505.D
Acq: 31 Oct 2023 11:12

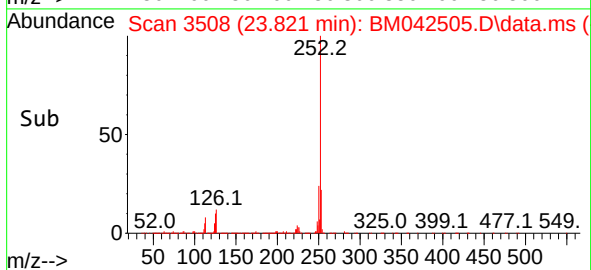
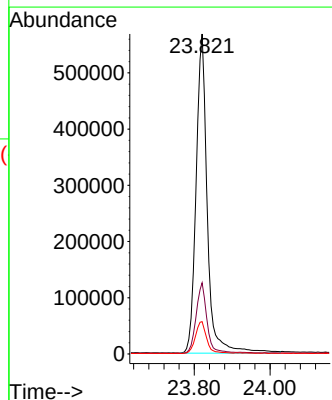
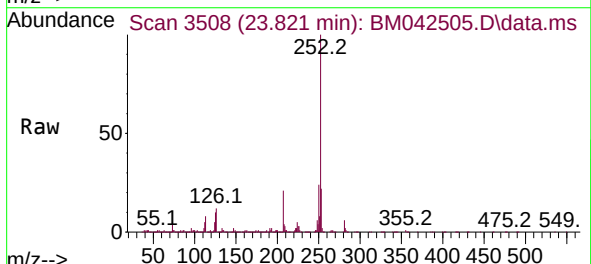
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

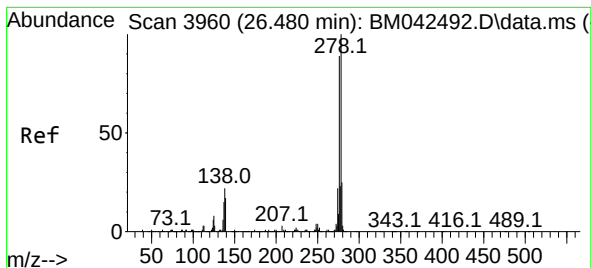
Tgt Ion:252 Resp: 1283750
Ion Ratio Lower Upper
252 100
253 21.7 17.6 26.4
125 8.3 8.2 12.4



#90
Benzo(a)pyrene
Concen: 41.459 ng
RT: 23.821 min Scan# 3508
Delta R.T. -0.000 min
Lab File: BM042505.D
Acq: 31 Oct 2023 11:12

Tgt Ion:252 Resp: 1173969
Ion Ratio Lower Upper
252 100
253 22.3 17.5 26.3
125 10.1 9.4 14.2





#91

Dibenzo(a,h)anthracene

Concen: 40.173 ng

RT: 26.474 min Scan# 3960

Delta R.T. -0.006 min

Lab File: BM042505.D

Acq: 31 Oct 2023 11:12

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

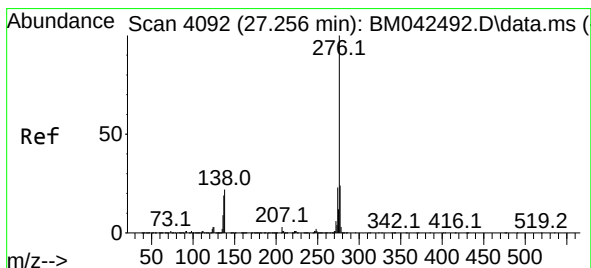
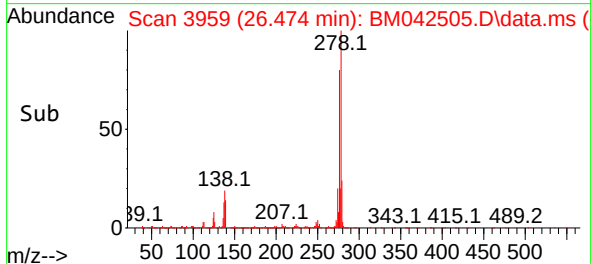
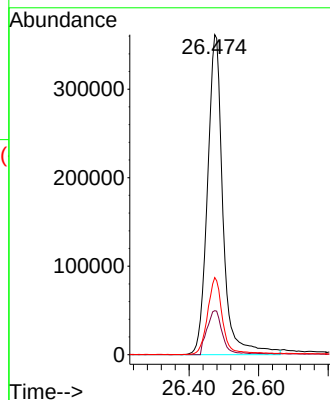
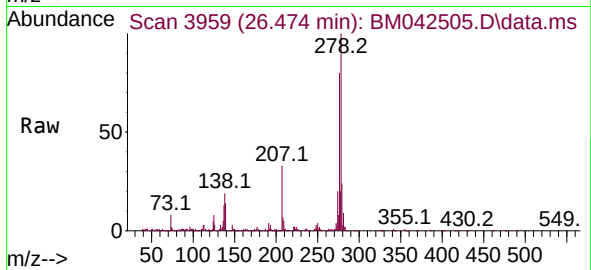
Tgt Ion:278 Resp: 1118608

Ion Ratio Lower Upper

278 100

139 13.7 13.4 20.2

279 24.1 19.7 29.5



#92

Benzo(g,h,i)perylene

Concen: 42.434 ng

RT: 27.250 min Scan# 4091

Delta R.T. -0.006 min

Lab File: BM042505.D

Acq: 31 Oct 2023 11:12

Tgt Ion:276 Resp: 1149144

Ion Ratio Lower Upper

276 100

277 23.3 19.2 28.8

138 19.0 17.3 25.9

