

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM020624\
 Data File : BM043999.D
 Acq On : 06 Feb 2024 20:05
 Operator : MA/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC040EC

Quant Time: Feb 07 03:52:48 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM020524.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Feb 06 07:03:31 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.922	152	398296	20.000	ng	0.00
21) Naphthalene-d8	10.728	136	1713574	20.000	ng	0.00
39) Acenaphthene-d10	14.568	164	1034404	20.000	ng	0.00
64) Phenanthrene-d10	17.315	188	2208197	20.000	ng	0.00
76) Chrysene-d12	21.521	240	2237925	20.000	ng	0.00
86) Perylene-d12	23.927	264	2639520	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	2196623	81.443	ng	0.00
7) Phenol-d6	7.087	99	3028945	76.007	ng	0.00
23) Nitrobenzene-d5	9.092	82	2817650	79.265	ng	0.00
42) 2,4,6-Tribromophenol	16.057	330	871401	69.108	ng	0.00
45) 2-Fluorobiphenyl	13.192	172	6133187	81.471	ng	0.00
79) Terphenyl-d14	19.956	244	10059989	86.777	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.399	88	434647	41.697	ng	99
3) Pyridine	3.793	79	1280949	40.381	ng	100
4) n-Nitrosodimethylamine	3.716	42	536104	39.313	ng	# 95
6) Aniline	7.251	93	1439551	36.306	ng	99
8) 2-Chlorophenol	7.481	128	1145029	38.237	ng	97
9) Benzaldehyde	7.069	77	755942	41.930	ng	98
10) Phenol	7.116	94	1478528	37.315	ng	98
11) bis(2-Chloroethyl)ether	7.357	93	1178291	37.942	ng	99
12) 1,3-Dichlorobenzene	7.804	146	1246164	38.544	ng	99
13) 1,4-Dichlorobenzene	7.957	146	1261049	38.567	ng	99
14) 1,2-Dichlorobenzene	8.269	146	1212380	37.598	ng	99
15) Benzyl Alcohol	8.169	79	1005668	36.818	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.463	45	1576510	37.856	ng	100
17) 2-Methylphenol	8.369	107	955100	37.709	ng	99
18) Hexachloroethane	8.992	117	475112	38.722	ng	96
19) n-Nitroso-di-n-propyla...	8.739	70	970428	37.008	ng	99
20) 3+4-Methylphenols	8.698	107	1317695	36.860	ng	98
22) Acetophenone	8.757	105	1812053	39.027	ng	# 100
24) Nitrobenzene	9.133	77	1397324	39.178	ng	100
25) Isophorone	9.657	82	2592589	39.179	ng	98
26) 2-Nitrophenol	9.845	139	584739	40.565	ng	99
27) 2,4-Dimethylphenol	9.904	122	794734	40.153	ng	98
28) bis(2-Chloroethoxy)met...	10.151	93	1621933	40.136	ng	100
29) 2,4-Dichlorophenol	10.375	162	1036045	41.039	ng	100
30) 1,2,4-Trichlorobenzene	10.586	180	1141137	40.021	ng	99
31) Naphthalene	10.775	128	3712140	38.866	ng	99
32) Benzoic acid	10.045	122	761221	36.718	ng	97
33) 4-Chloroaniline	10.898	127	1509807	38.459	ng	99
34) Hexachlorobutadiene	11.051	225	630818	40.564	ng	99
35) Caprolactam	11.692	113	382279	36.927	ng	99
36) 4-Chloro-3-methylphenol	12.016	107	1225927	39.655	ng	99
37) 2-Methylnaphthalene	12.386	142	2584714	38.806	ng	100
38) 1-Methylnaphthalene	12.610	142	2557590	38.465	ng	99
40) 1,2,4,5-Tetrachloroben...	12.751	216	1192259	40.639	ng	100
41) Hexachlorocyclopentadiene	12.722	237	450265	46.665	ng	98
43) 2,4,6-Trichlorophenol	12.998	196	835857	42.159	ng	97

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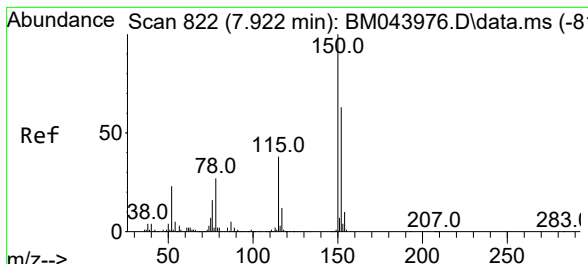
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.069	196	933376	41.264	ng	100
46) 1,1'-Biphenyl	13.404	154	3245163	39.894	ng	99
47) 2-Chloronaphthalene	13.445	162	2567194	39.573	ng	99
48) 2-Nitroaniline	13.657	65	840685	39.845	ng	99
49) Acenaphthylene	14.286	152	3861217	38.938	ng	100
50) Dimethylphthalate	14.039	163	3122571	38.863	ng	100
51) 2,6-Dinitrotoluene	14.157	165	701352	39.711	ng	99
52) Acenaphthene	14.633	154	2444744	38.890	ng	99
53) 3-Nitroaniline	14.486	138	779976	38.041	ng	98
54) 2,4-Dinitrophenol	14.686	184	350516	36.473	ng	98
55) Dibenzofuran	14.968	168	3754058	38.373	ng	99
56) 4-Nitrophenol	14.786	139	689843	38.500	ng	99
57) 2,4-Dinitrotoluene	14.939	165	967712	39.361	ng	99
58) Fluorene	15.615	166	3208090	38.831	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.192	232	772820	39.631	ng	100
60) Diethylphthalate	15.404	149	3261102	39.207	ng	100
61) 4-Chlorophenyl-phenyle...	15.615	204	1522337	39.496	ng	99
62) 4-Nitroaniline	15.651	138	838872	37.420	ng	97
63) Azobenzene	15.910	77	3266145	39.315	ng	99
65) 4,6-Dinitro-2-methylph...	15.698	198	511086	38.801	ng	97
66) n-Nitrosodiphenylamine	15.833	169	2653435	40.340	ng	99
67) 4-Bromophenyl-phenylether	16.515	248	682378	31.369	ng	98
68) Hexachlorobenzene	16.609	284	1010106	38.945	ng	99
69) Atrazine	16.792	200	781190	42.928	ng	99
70) Pentachlorophenol	16.962	266	713765	41.910	ng	99
71) Phenanthrene	17.362	178	4817813	39.171	ng	100
72) Anthracene	17.451	178	4775476	39.659	ng	99
73) Carbazole	17.727	167	4794313	38.444	ng	100
74) Di-n-butylphthalate	18.304	149	5737655	41.953	ng	99
75) Fluoranthene	19.380	202	5904185	38.818	ng	100
77) Benzidine	19.580	184	1538228	54.174	ng	100
78) Pyrene	19.745	202	6266587	40.736	ng	100
80) Butylbenzylphthalate	20.668	149	2682757	44.041	ng	99
81) Benzo(a)anthracene	21.503	228	6255047	39.840	ng	99
82) 3,3'-Dichlorobenzidine	21.444	252	2028483	40.406	ng	99
83) Chrysene	21.556	228	5921227	39.365	ng	100
84) Bis(2-ethylhexyl)phtha...	21.450	149	4118123	45.460	ng	99
85) Di-n-octyl phthalate	22.397	149	6996180	44.832	ng	100
87) Indeno(1,2,3-cd)pyrene	26.438	276	7480189	37.873	ng	100
88) Benzo(b)fluoranthene	23.197	252	6522467	39.284	ng	99
89) Benzo(k)fluoranthene	23.250	252	6420786	40.308	ng	100
90) Benzo(a)pyrene	23.821	252	5866097	39.971	ng	100
91) Dibenzo(a,h)anthracene	26.468	278	6194753	38.031	ng	100
92) Benzo(g,h,i)perylene	27.209	276	6095117	36.686	ng	100

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

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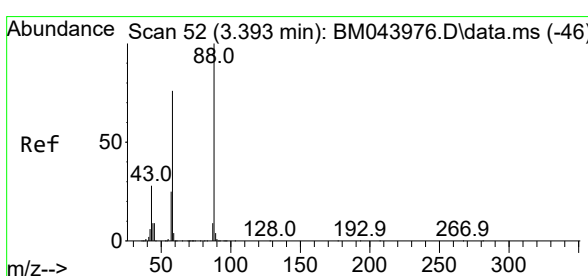
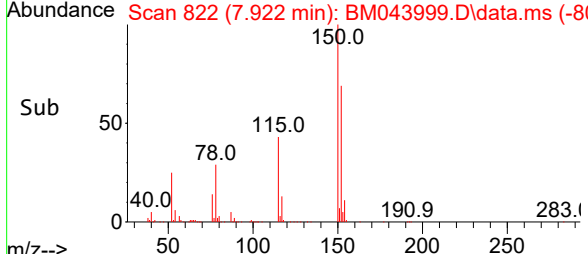
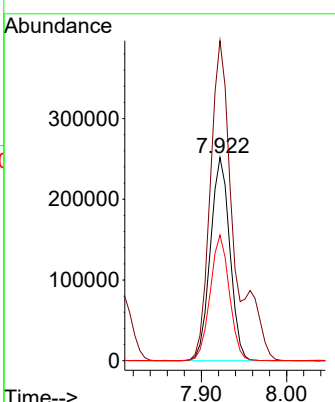
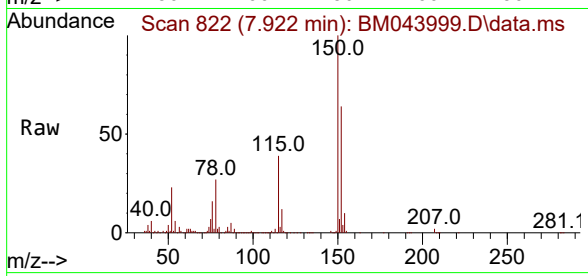


#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.922 min Scan# 81
 Delta R.T. -0.000 min
 Lab File: BM043999.D
 Acq: 06 Feb 2024 20:05

Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion:152 Resp: 398296

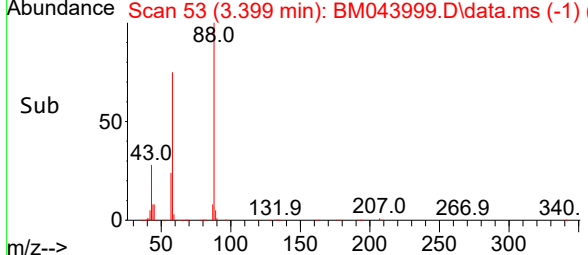
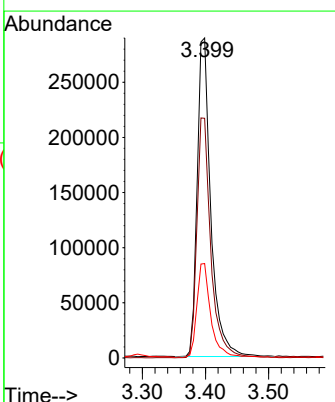
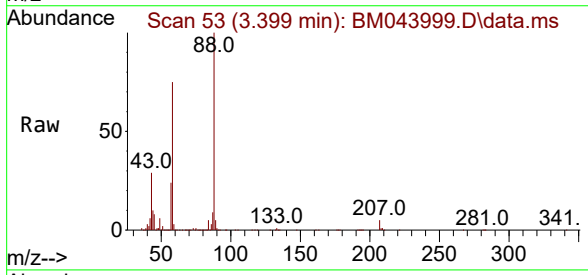
Ion	Ratio	Lower	Upper
152	100		
150	157.5	126.1	189.1
115	61.8	48.2	72.2

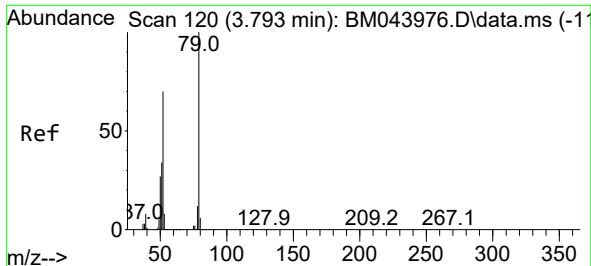


#2
 1,4-Dioxane
 Concen: 41.697 ng
 RT: 3.399 min Scan# 53
 Delta R.T. 0.006 min
 Lab File: BM043999.D
 Acq: 06 Feb 2024 20:05

Tgt Ion: 88 Resp: 434647

Ion	Ratio	Lower	Upper
88	100		
58	76.7	61.0	91.6
43	29.9	23.0	34.6

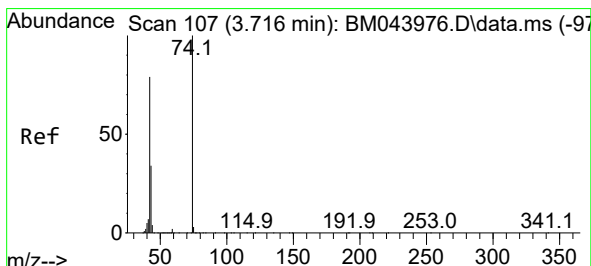
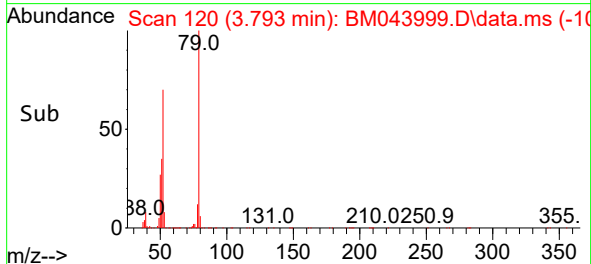
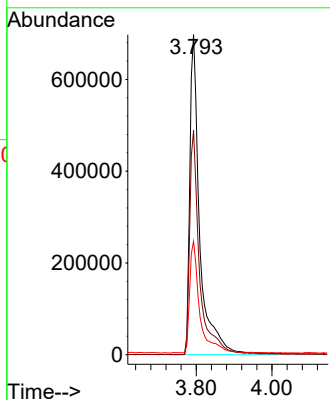
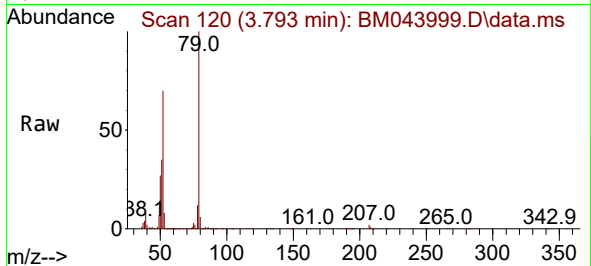




#3
Pyridine
Concen: 40.381 ng
RT: 3.793 min Scan# 11
Delta R.T. -0.000 min
Lab File: BM043999.D
Acq: 06 Feb 2024 20:05

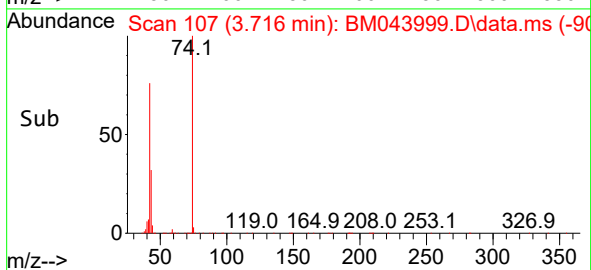
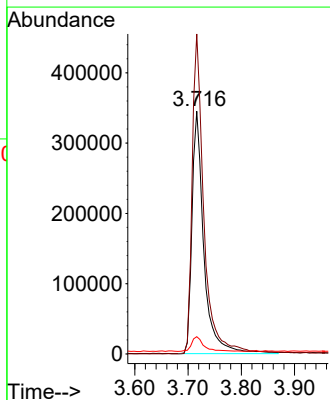
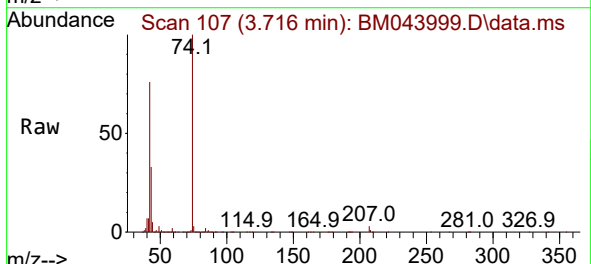
Instrument :
BNA_M
ClientSampleId :
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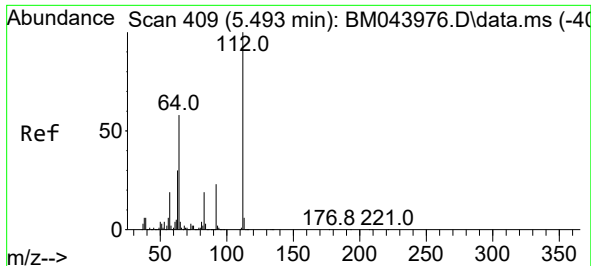
Tgt Ion: 79 Resp: 1280949
Ion Ratio Lower Upper
79 100
52 70.1 55.9 83.9
51 35.5 28.2 42.2



#4
n-Nitrosodimethylamine
Concen: 39.313 ng
RT: 3.716 min Scan# 107
Delta R.T. -0.000 min
Lab File: BM043999.D
Acq: 06 Feb 2024 20:05

Tgt Ion: 42 Resp: 536104
Ion Ratio Lower Upper
42 100
74 131.8 100.7 151.1
44 7.1 7.3 10.9#

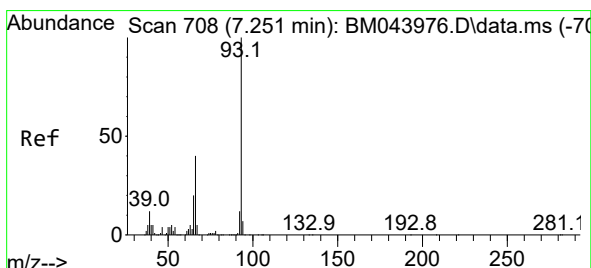
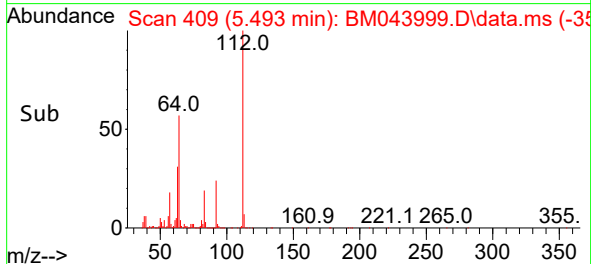
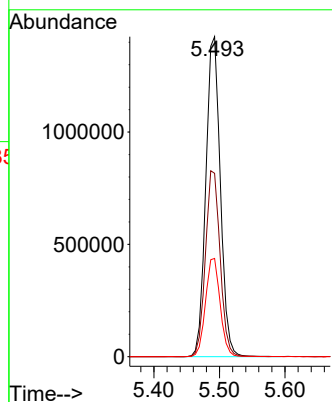
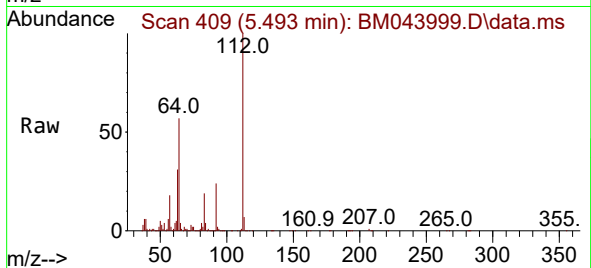




#5
2-Fluorophenol
Concen: 81.443 ng
RT: 5.493 min Scan# 409
Delta R.T. -0.000 min
Lab File: BM043999.D
Acq: 06 Feb 2024 20:05

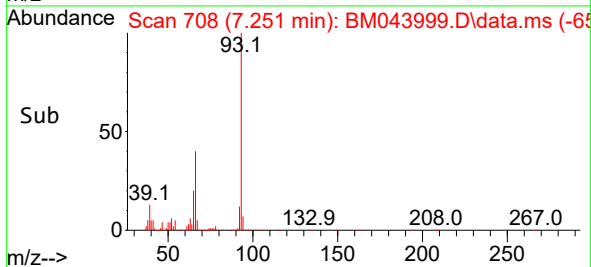
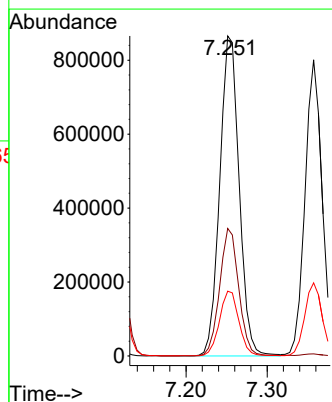
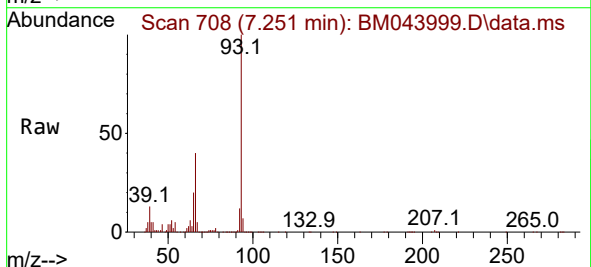
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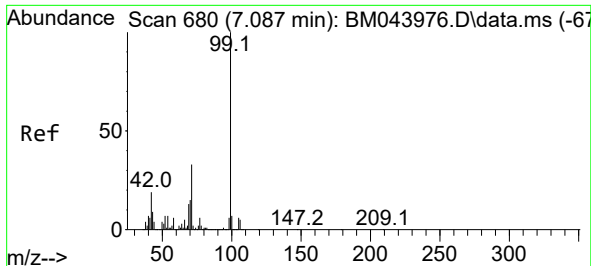
Tgt Ion:112 Resp: 2196623
Ion Ratio Lower Upper
112 100
64 57.3 46.6 70.0
63 30.7 24.2 36.4



#6
Aniline
Concen: 36.306 ng
RT: 7.251 min Scan# 708
Delta R.T. -0.000 min
Lab File: BM043999.D
Acq: 06 Feb 2024 20:05

Tgt Ion: 93 Resp: 1439551
Ion Ratio Lower Upper
93 100
66 39.9 32.2 48.2
65 20.3 15.8 23.8

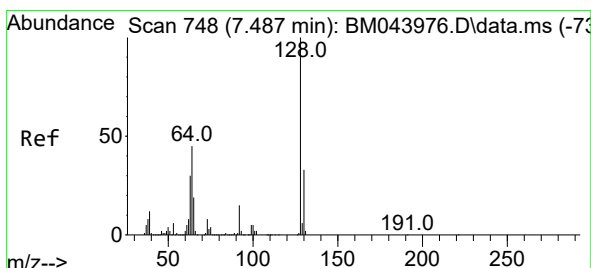
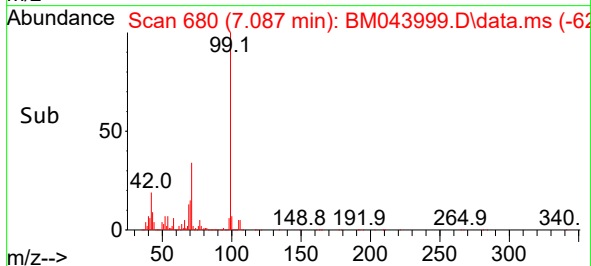
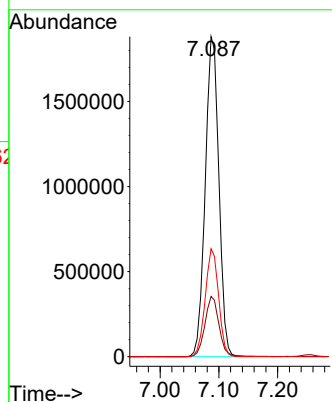
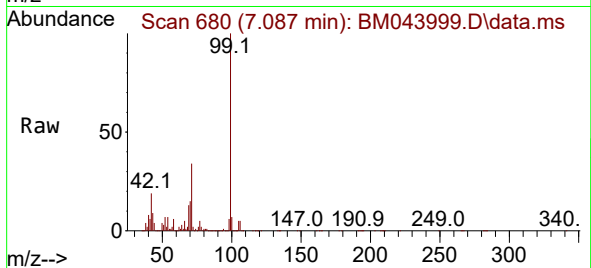




#7
Phenol-d6
Concen: 76.007 ng
RT: 7.087 min Scan# 61
Delta R.T. -0.000 min
Lab File: BM043999.D
Acq: 06 Feb 2024 20:05

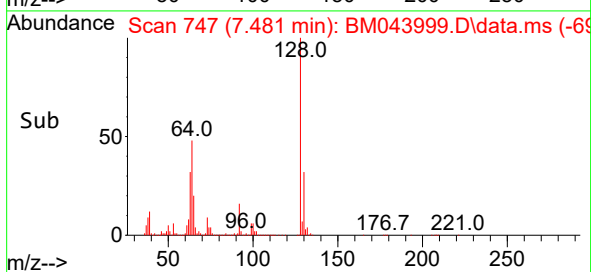
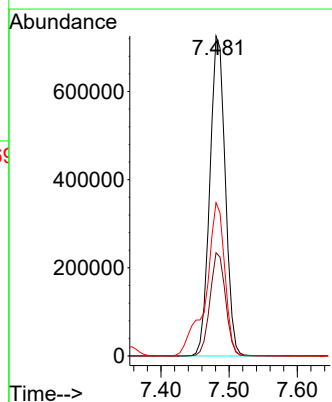
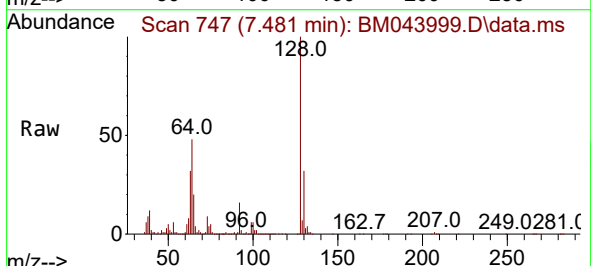
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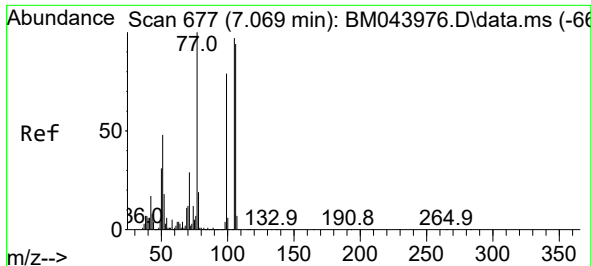
Tgt Ion: 99 Resp: 3028945
Ion Ratio Lower Upper
99 100
42 18.9 14.9 22.3
71 33.8 26.3 39.5



#8
2-Chlorophenol
Concen: 38.237 ng
RT: 7.481 min Scan# 747
Delta R.T. -0.006 min
Lab File: BM043999.D
Acq: 06 Feb 2024 20:05

Tgt Ion:128 Resp: 1145029
Ion Ratio Lower Upper
128 100
130 32.3 12.9 52.9
64 47.9 25.6 65.6

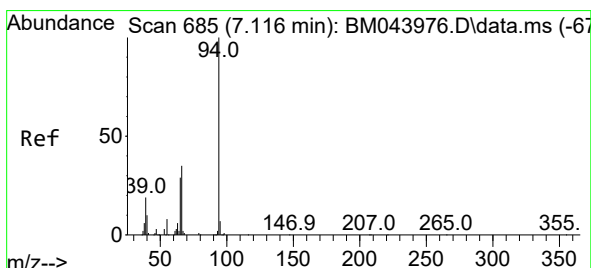
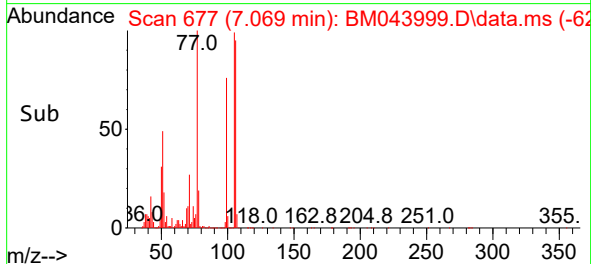
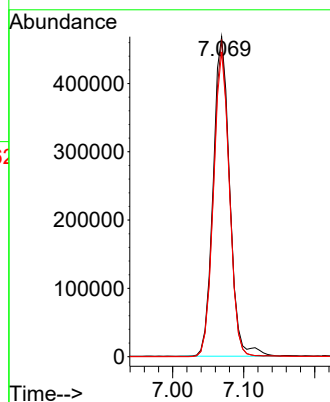
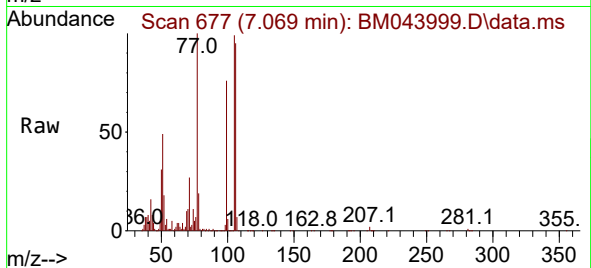




#9
Benzaldehyde
Concen: 41.930 ng
RT: 7.069 min Scan# 61
Delta R.T. -0.000 min
Lab File: BM043999.D
Acq: 06 Feb 2024 20:05

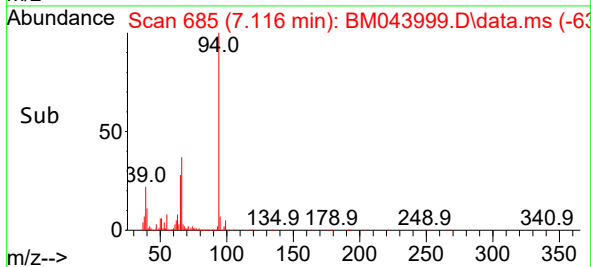
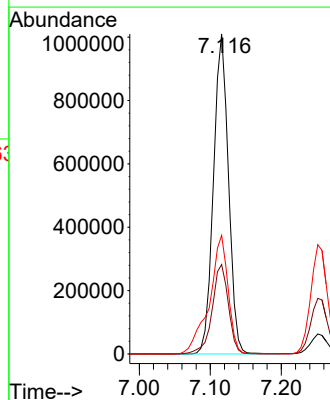
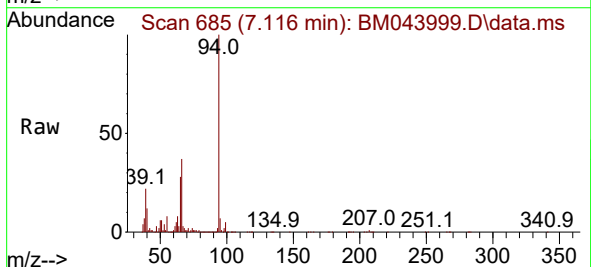
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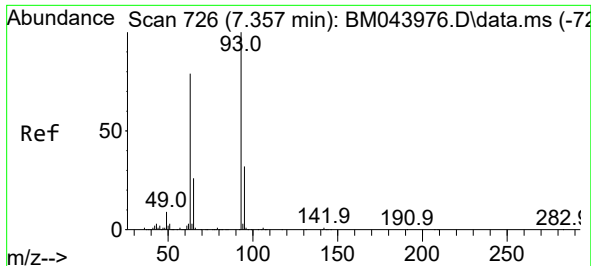
Tgt Ion: 77 Resp: 755942
Ion Ratio Lower Upper
77 100
105 99.2 77.4 117.4
106 95.2 73.5 113.5



#10
Phenol
Concen: 37.315 ng
RT: 7.116 min Scan# 685
Delta R.T. -0.000 min
Lab File: BM043999.D
Acq: 06 Feb 2024 20:05

Tgt Ion: 94 Resp: 1478528
Ion Ratio Lower Upper
94 100
65 27.9 9.3 49.3
66 37.1 15.7 55.7



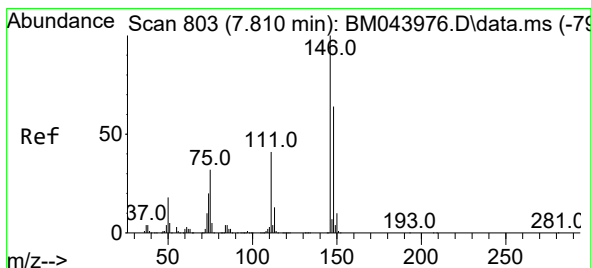
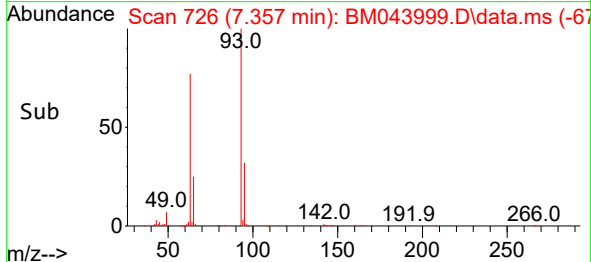
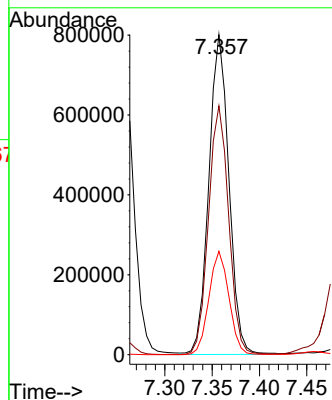
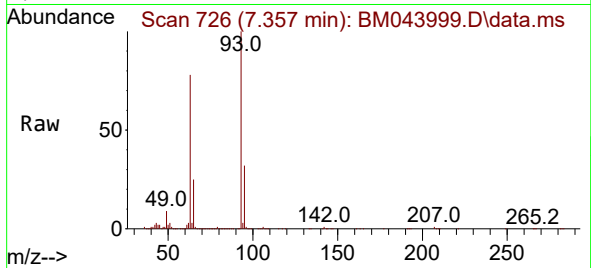


#11
bis(2-Chloroethyl)ether
Concen: 37.942 ng
RT: 7.357 min Scan# 71
Delta R.T. -0.000 min
Lab File: BM043999.D
Acq: 06 Feb 2024 20:05

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040EC

Tgt Ion: 93 Resp: 1178291

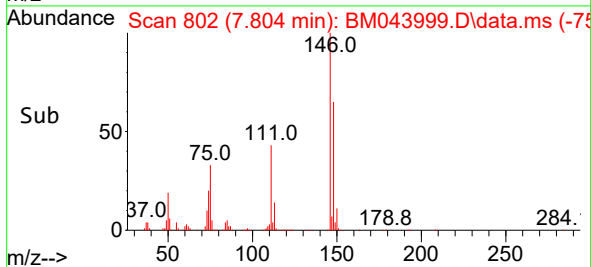
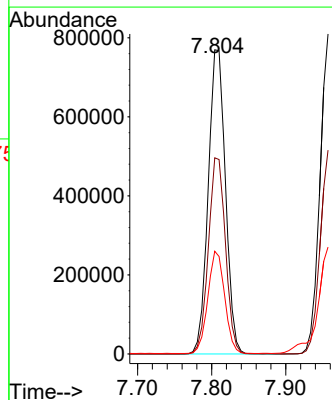
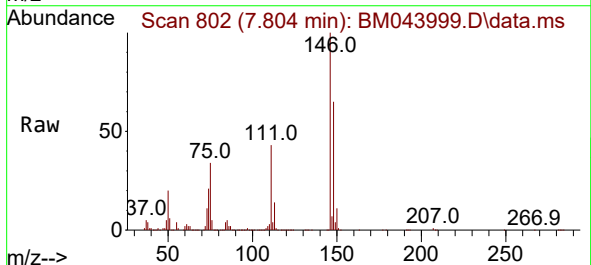
Ion	Ratio	Lower	Upper
93	100		
63	77.7	59.0	99.0
95	32.3	11.9	51.9

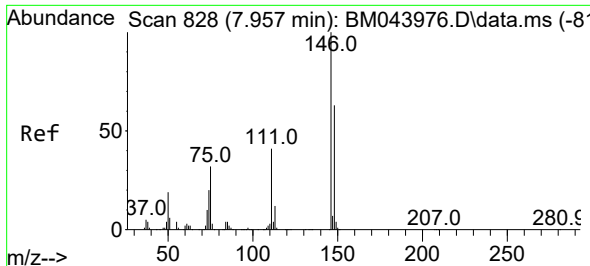


#12
1,3-Dichlorobenzene
Concen: 38.544 ng
RT: 7.804 min Scan# 802
Delta R.T. -0.006 min
Lab File: BM043999.D
Acq: 06 Feb 2024 20:05

Tgt Ion: 146 Resp: 1246164

Ion	Ratio	Lower	Upper
146	100		
148	64.5	51.0	76.6
75	33.8	26.1	39.1

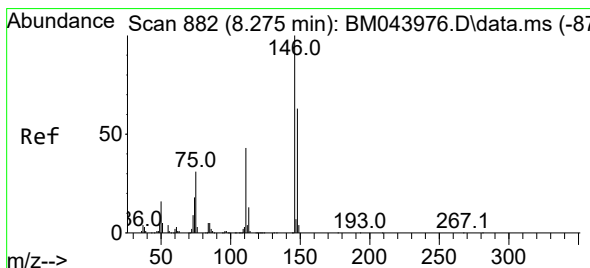
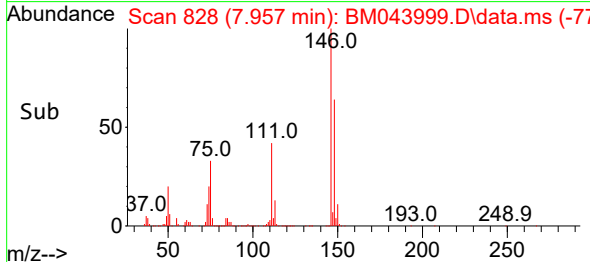
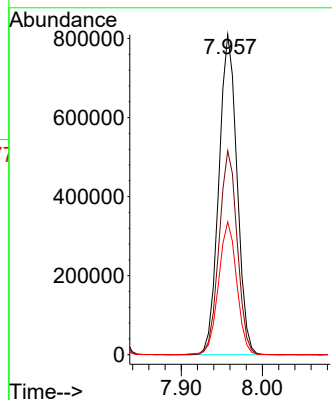
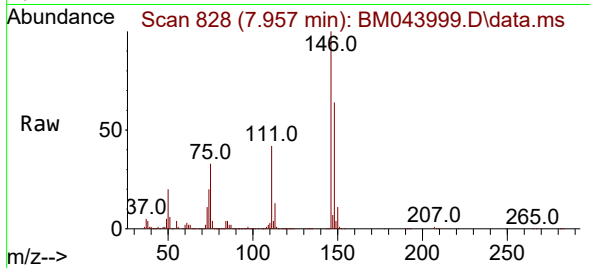




#13
1,4-Dichlorobenzene
Concen: 38.567 ng
RT: 7.957 min Scan# 81
Delta R.T. -0.000 min
Lab File: BM043999.D
Acq: 06 Feb 2024 20:05

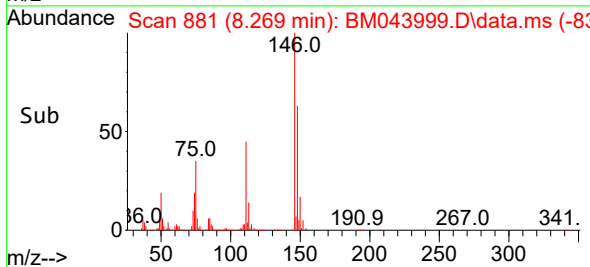
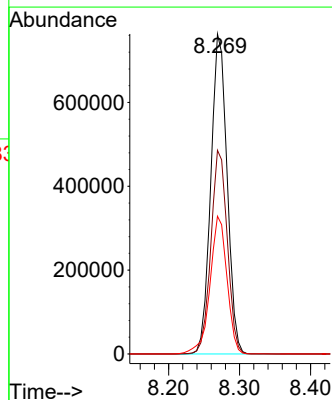
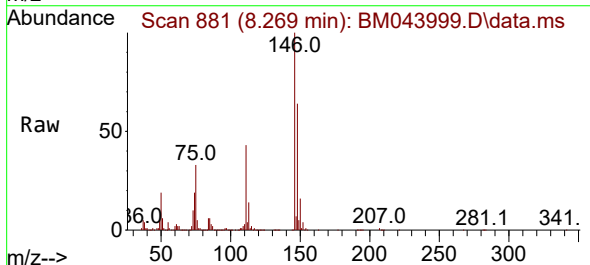
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040EC

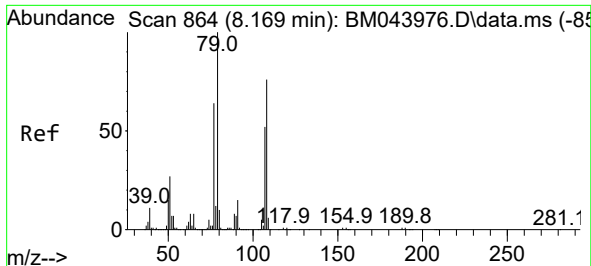
Tgt Ion:146 Resp: 1261049
Ion Ratio Lower Upper
146 100
148 63.7 50.7 76.1
111 41.5 32.6 49.0



#14
1,2-Dichlorobenzene
Concen: 37.598 ng
RT: 8.269 min Scan# 881
Delta R.T. -0.006 min
Lab File: BM043999.D
Acq: 06 Feb 2024 20:05

Tgt Ion:146 Resp: 1212380
Ion Ratio Lower Upper
146 100
148 63.7 50.3 75.5
111 43.1 34.3 51.5

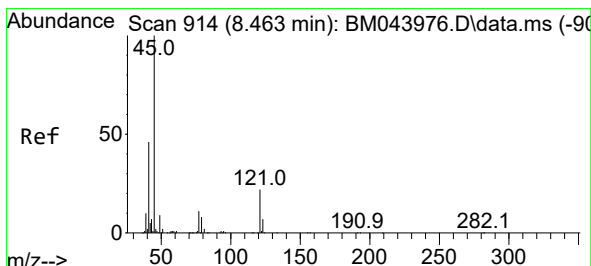
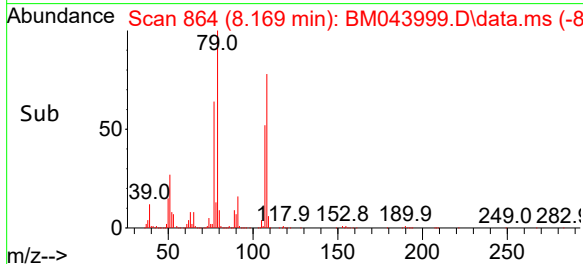
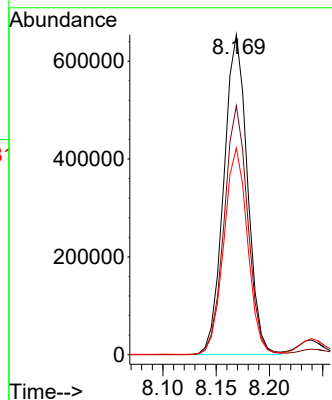
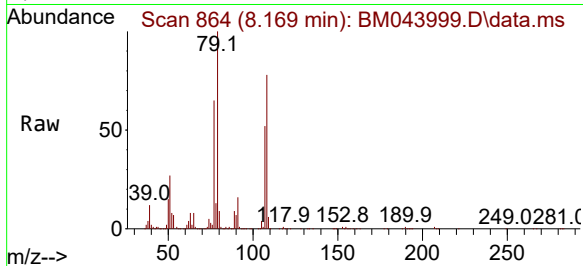




#15
Benzyl Alcohol
Concen: 36.818 ng
RT: 8.169 min Scan# 864
Delta R.T. -0.000 min
Lab File: BM043999.D
Acq: 06 Feb 2024 20:05

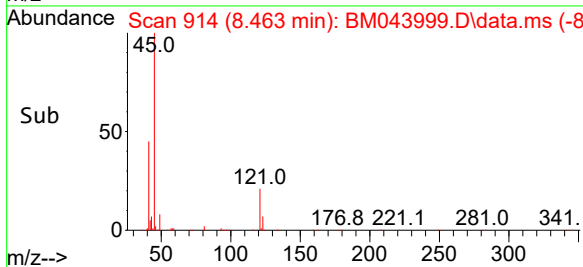
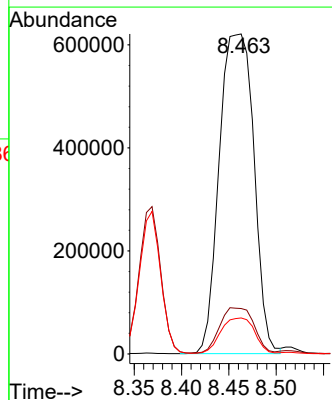
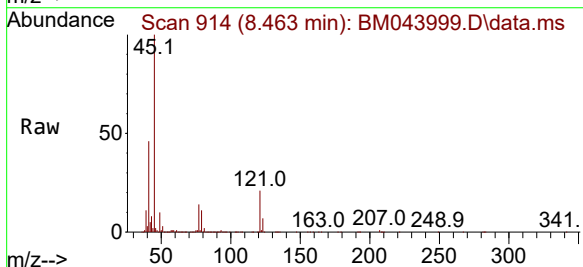
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040EC

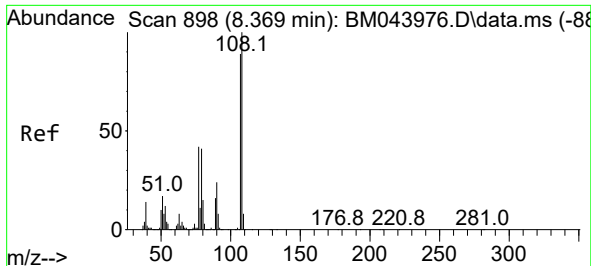
Tgt Ion: 79 Resp: 1005668
Ion Ratio Lower Upper
79 100
108 77.8 60.7 91.1
77 64.6 50.9 76.3



#16
2,2'-oxybis(1-Chloropropane)
Concen: 37.856 ng
RT: 8.463 min Scan# 914
Delta R.T. -0.000 min
Lab File: BM043999.D
Acq: 06 Feb 2024 20:05

Tgt Ion: 45 Resp: 1576510
Ion Ratio Lower Upper
45 100
77 14.2 0.0 34.4
79 11.3 0.0 31.2

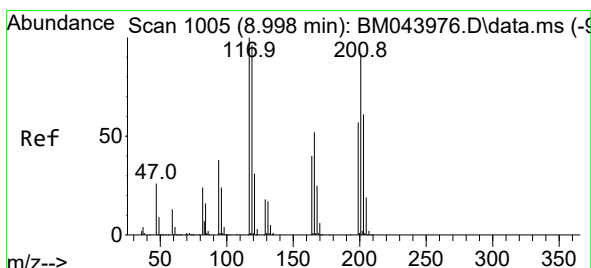
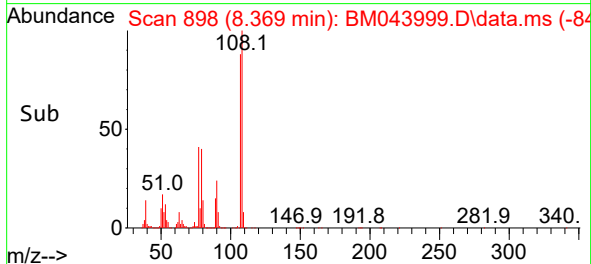
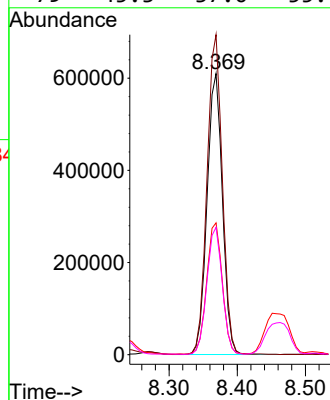
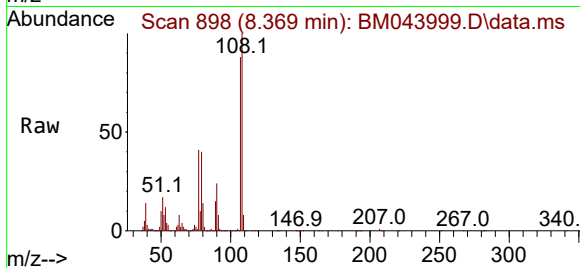




#17
2-Methylphenol
Concen: 37.709 ng
RT: 8.369 min Scan# 898
Delta R.T. -0.000 min
Lab File: BM043999.D
Acq: 06 Feb 2024 20:05

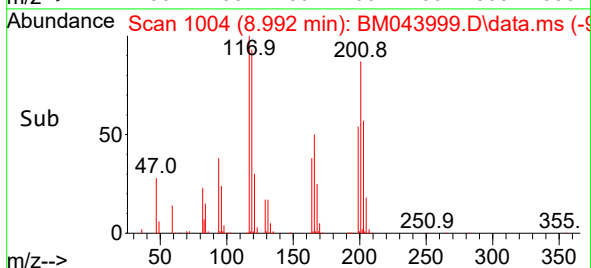
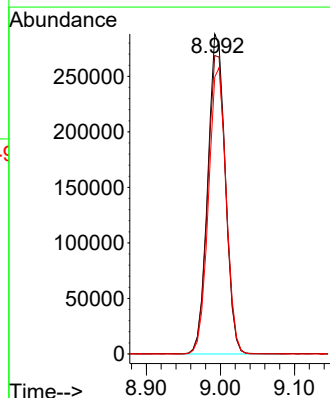
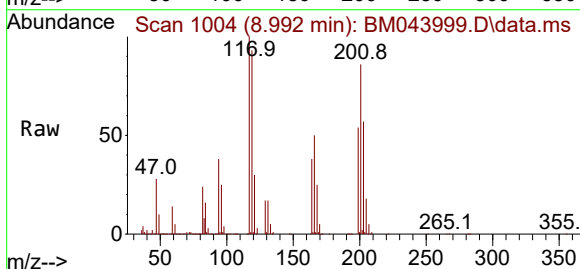
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040EC

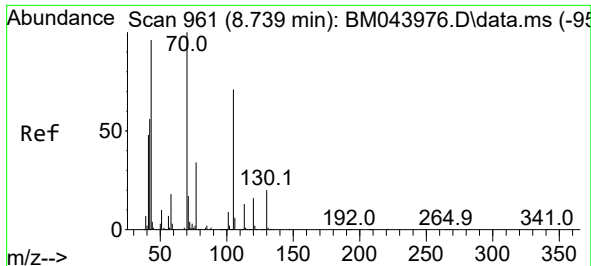
Tgt Ion:	107	Resp:	955100
Ion Ratio	Lower	Upper	
107	100		
108	113.8	90.4	135.6
77	46.9	38.0	57.0
79	45.3	37.0	55.4



#18
Hexachloroethane
Concen: 38.722 ng
RT: 8.992 min Scan# 1004
Delta R.T. -0.006 min
Lab File: BM043999.D
Acq: 06 Feb 2024 20:05

Tgt Ion:	117	Resp:	475112
Ion Ratio	Lower	Upper	
117	100		
119	93.3	76.7	115.1
201	86.5	73.4	110.2



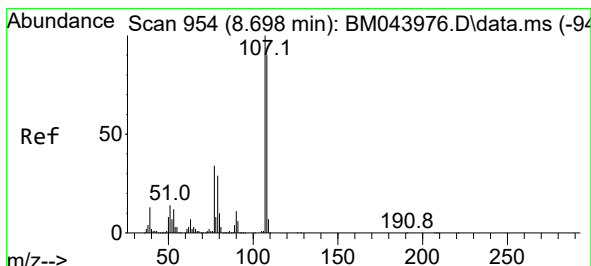
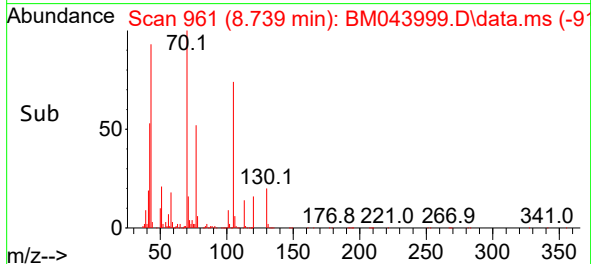
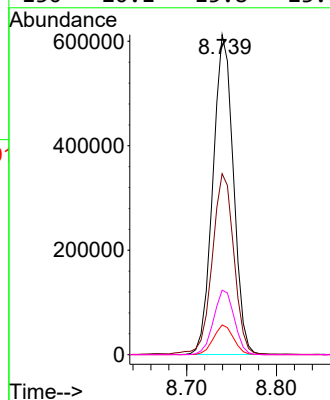
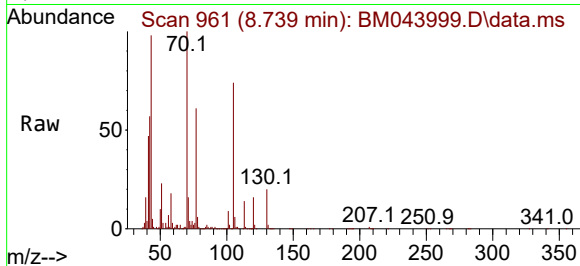


#19
n-Nitroso-di-n-propylamine
Concen: 37.008 ng
RT: 8.739 min Scan# 961
Delta R.T. -0.000 min
Lab File: BM043999.D
Acq: 06 Feb 2024 20:05

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040EC

Tgt Ion: 70 Resp: 970428

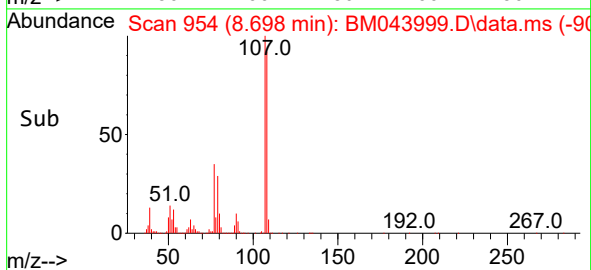
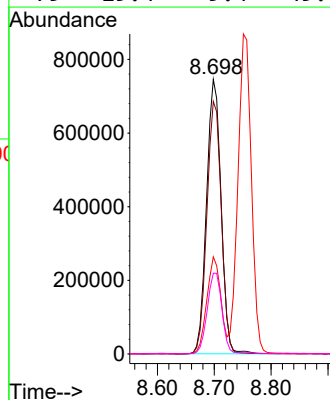
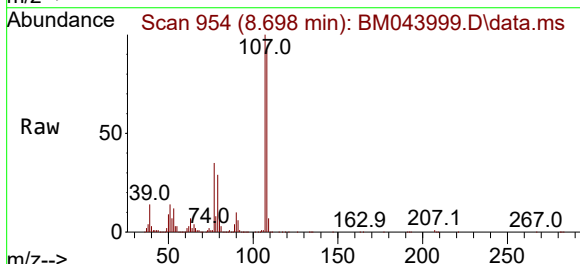
Ion	Ratio	Lower	Upper
70	100		
42	56.5	45.6	68.4
101	9.3	7.5	11.3
130	20.1	15.8	23.6

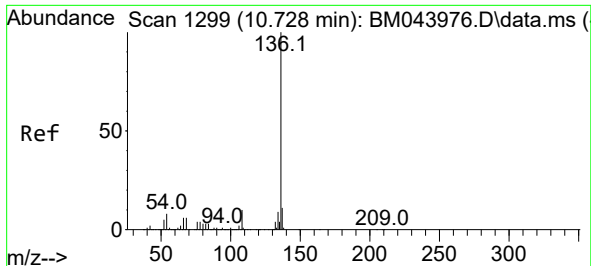


#20
3+4-Methylphenols
Concen: 36.860 ng
RT: 8.698 min Scan# 954
Delta R.T. 0.000 min
Lab File: BM043999.D
Acq: 06 Feb 2024 20:05

Tgt Ion: 107 Resp: 1317695

Ion	Ratio	Lower	Upper
107	100		
108	92.0	70.3	110.3
77	35.4	14.0	54.0
79	29.4	9.4	49.4

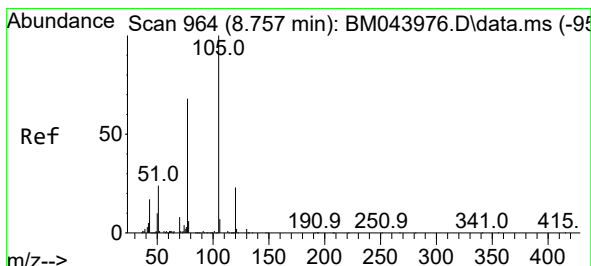
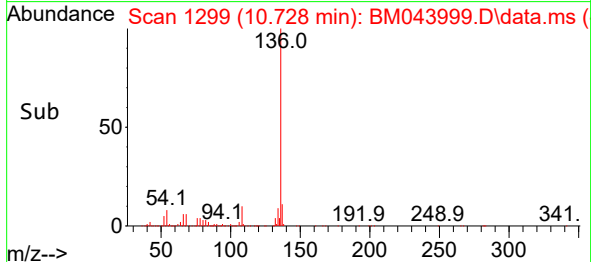
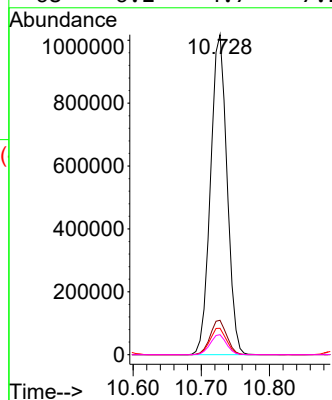
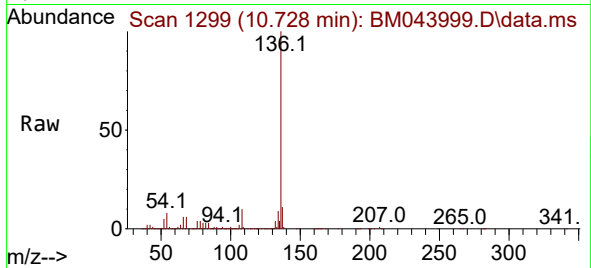




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.728 min Scan# 1299
Delta R.T. -0.000 min
Lab File: BM043999.D
Acq: 06 Feb 2024 20:05

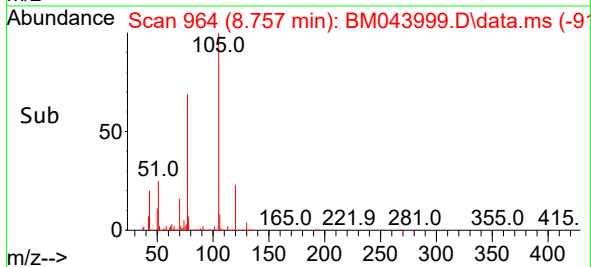
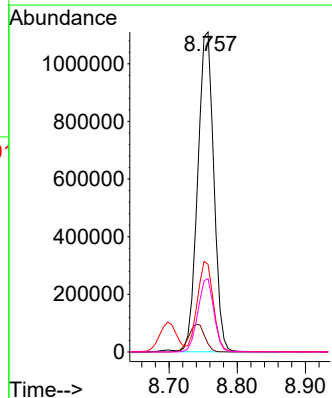
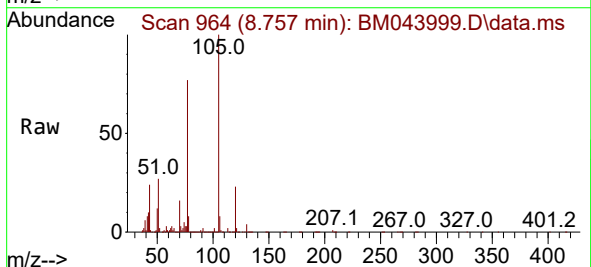
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040EC

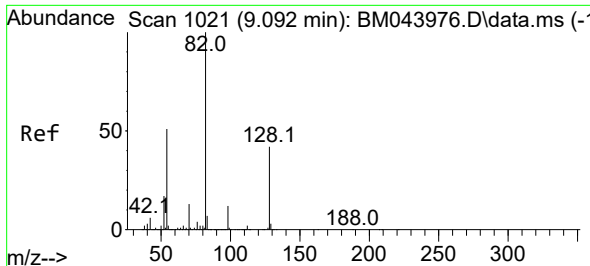
Tgt Ion:136 Resp: 1713574
Ion Ratio Lower Upper
136 100
137 10.7 8.8 13.2
54 8.2 6.5 9.7
68 6.2 4.7 7.1



#22
Acetophenone
Concen: 39.027 ng
RT: 8.757 min Scan# 964
Delta R.T. -0.000 min
Lab File: BM043999.D
Acq: 06 Feb 2024 20:05

Tgt Ion:105 Resp: 1812053
Ion Ratio Lower Upper
105 100
71 2.5 1.6 2.4#
51 27.4 21.8 32.6
120 22.9 18.5 27.7

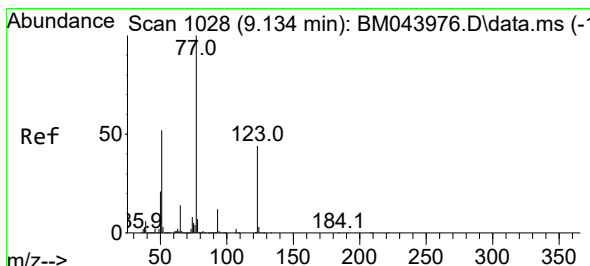
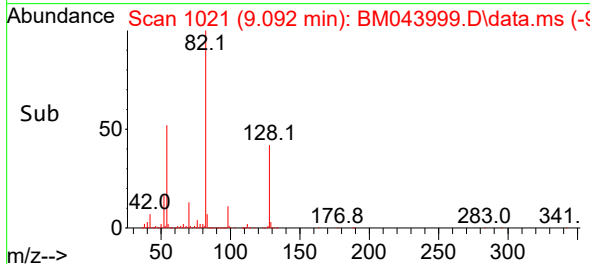
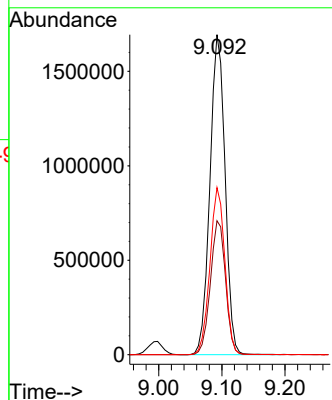
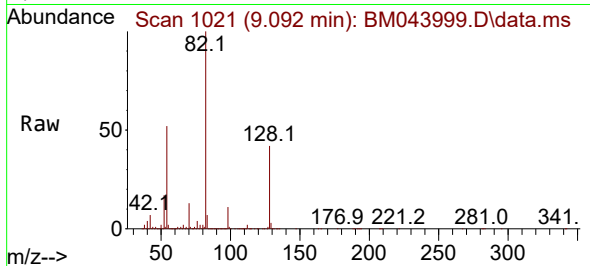




#23
Nitrobenzene-d5
Concen: 79.265 ng
RT: 9.092 min Scan# 1021
Delta R.T. 0.000 min
Lab File: BM043999.D
Acq: 06 Feb 2024 20:05

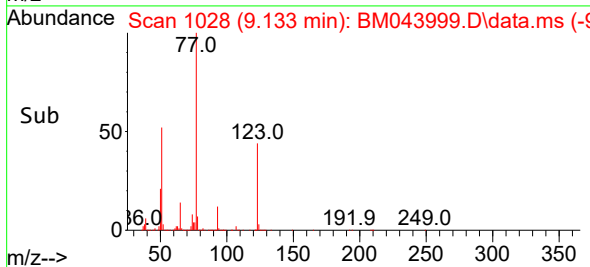
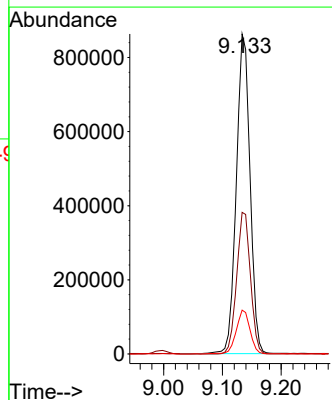
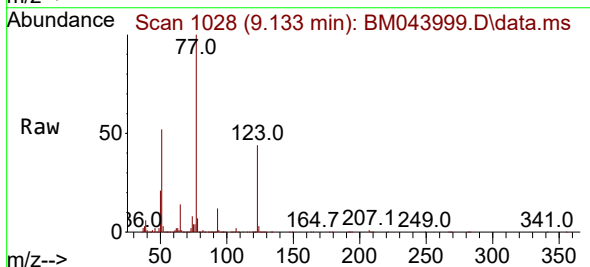
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040EC

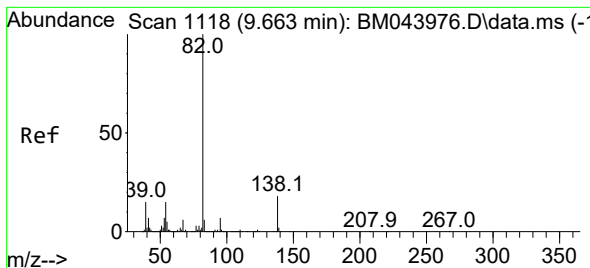
Tgt Ion: 82 Resp: 2817650
Ion Ratio Lower Upper
82 100
128 41.9 33.9 50.9
54 52.2 41.1 61.7



#24
Nitrobenzene
Concen: 39.178 ng
RT: 9.133 min Scan# 1028
Delta R.T. -0.000 min
Lab File: BM043999.D
Acq: 06 Feb 2024 20:05

Tgt Ion: 77 Resp: 1397324
Ion Ratio Lower Upper
77 100
123 44.3 35.3 52.9
65 13.7 10.9 16.3





#25

Isophorone

Concen: 39.179 ng

RT: 9.657 min Scan# 1117

Delta R.T. -0.006 min

Lab File: BM043999.D

Acq: 06 Feb 2024 20:05

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040EC

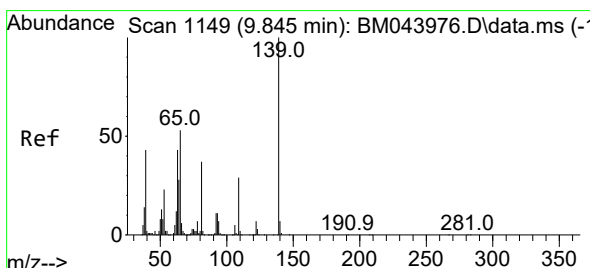
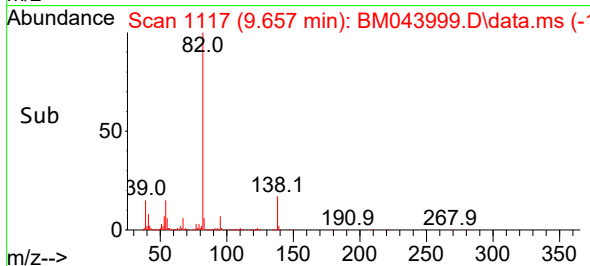
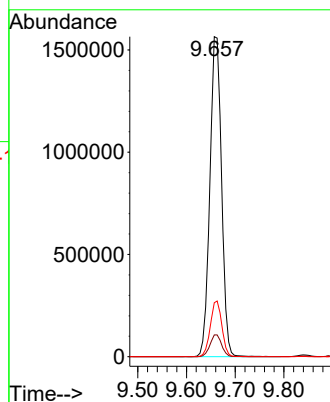
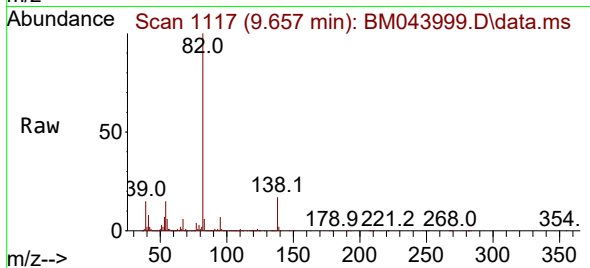
Tgt Ion: 82 Resp: 2592589

Ion Ratio Lower Upper

82 100

95 6.8 5.6 8.4

138 16.8 14.2 21.2



#26

2-Nitrophenol

Concen: 40.565 ng

RT: 9.845 min Scan# 1149

Delta R.T. -0.000 min

Lab File: BM043999.D

Acq: 06 Feb 2024 20:05

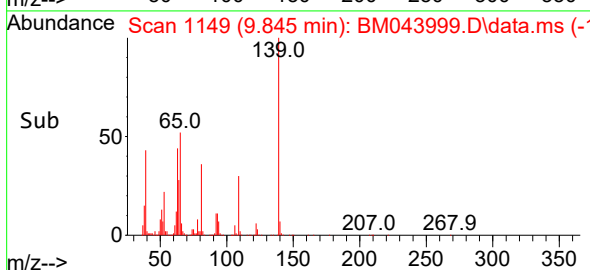
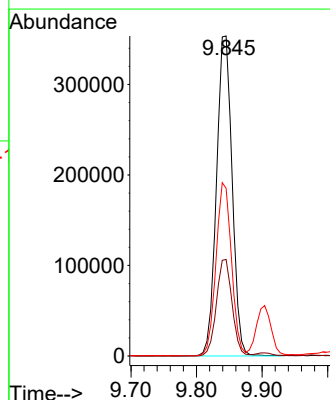
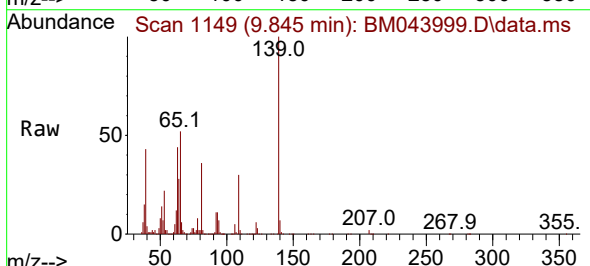
Tgt Ion:139 Resp: 584739

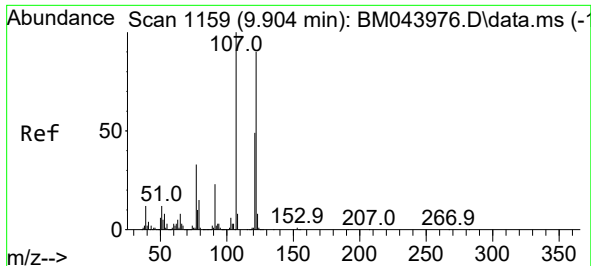
Ion Ratio Lower Upper

139 100

109 30.2 23.3 34.9

65 52.4 42.5 63.7

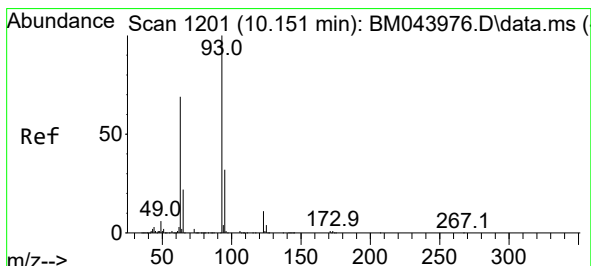
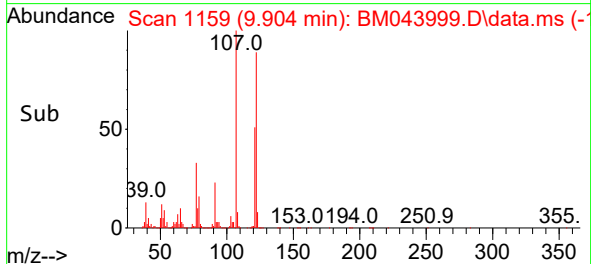
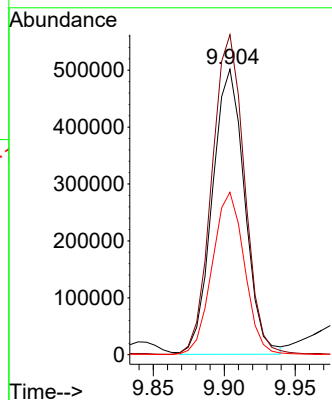
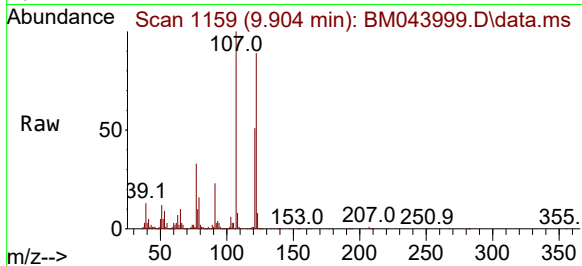




#27
2,4-Dimethylphenol
Concen: 40.153 ng
RT: 9.904 min Scan# 1159
Delta R.T. -0.000 min
Lab File: BM043999.D
Acq: 06 Feb 2024 20:05

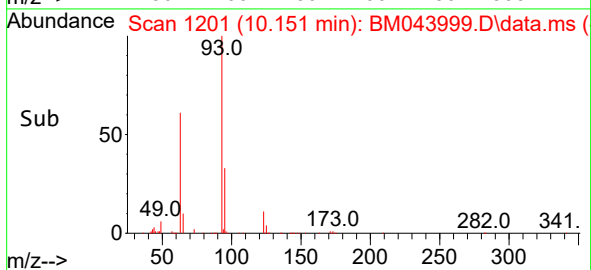
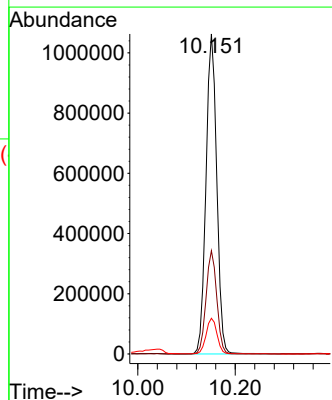
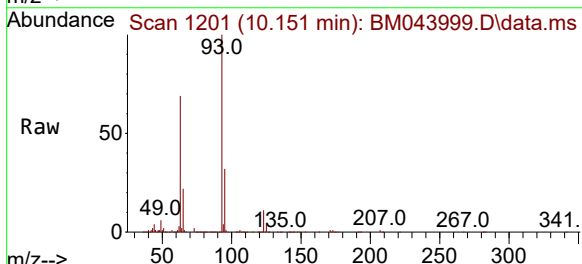
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040EC

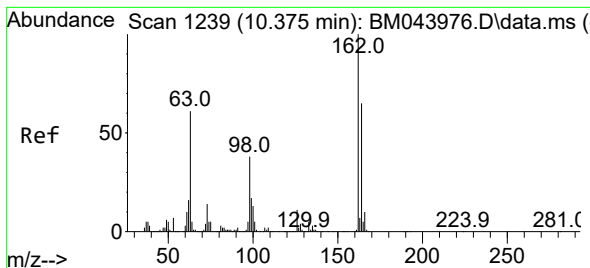
Tgt Ion:122 Resp: 794734
Ion Ratio Lower Upper
122 100
107 112.1 89.0 133.4
121 56.9 43.4 65.0



#28
bis(2-Chloroethoxy)methane
Concen: 40.136 ng
RT: 10.151 min Scan# 1201
Delta R.T. -0.000 min
Lab File: BM043999.D
Acq: 06 Feb 2024 20:05

Tgt Ion: 93 Resp: 1621933
Ion Ratio Lower Upper
93 100
95 32.3 25.9 38.9
123 11.2 9.1 13.7

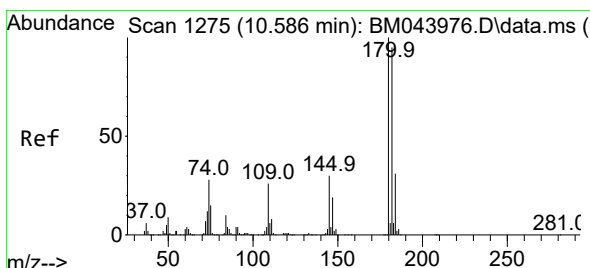
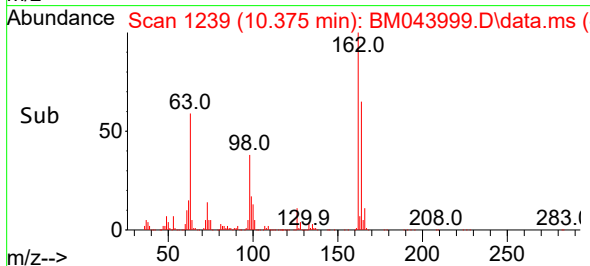
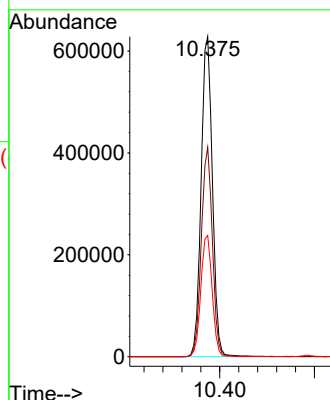
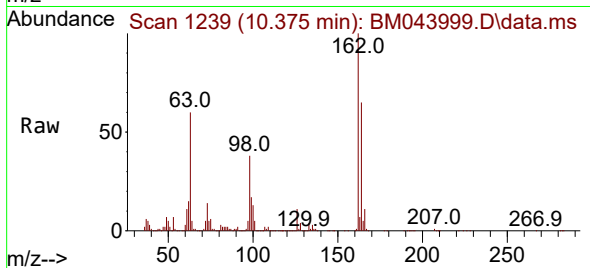




#29
2,4-Dichlorophenol
Concen: 41.039 ng
RT: 10.375 min Scan# 1239
Delta R.T. -0.000 min
Lab File: BM043999.D
Acq: 06 Feb 2024 20:05

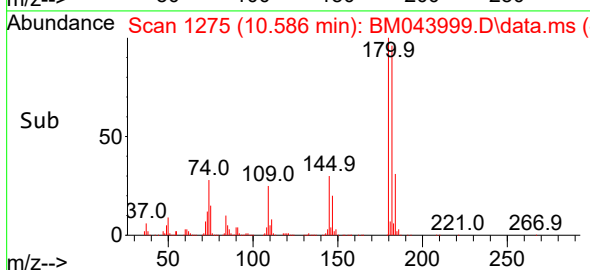
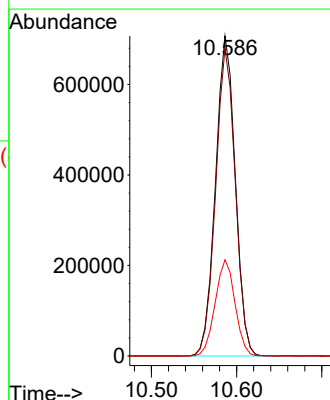
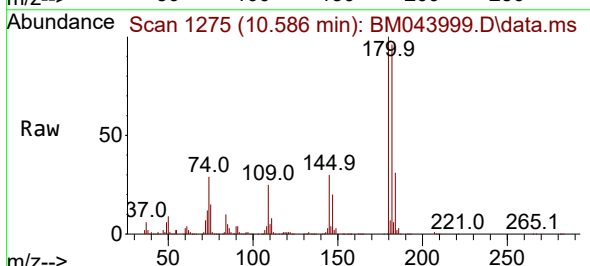
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040EC

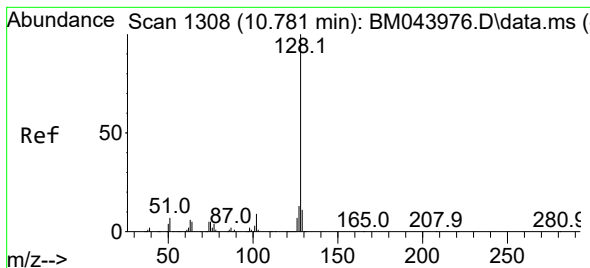
Tgt Ion:162 Resp: 1036045
Ion Ratio Lower Upper
162 100
164 65.4 45.1 85.1
98 37.9 17.8 57.8



#30
1,2,4-Trichlorobenzene
Concen: 40.021 ng
RT: 10.586 min Scan# 1275
Delta R.T. -0.000 min
Lab File: BM043999.D
Acq: 06 Feb 2024 20:05

Tgt Ion:180 Resp: 1141137
Ion Ratio Lower Upper
180 100
182 96.2 76.0 114.0
145 30.1 24.2 36.2

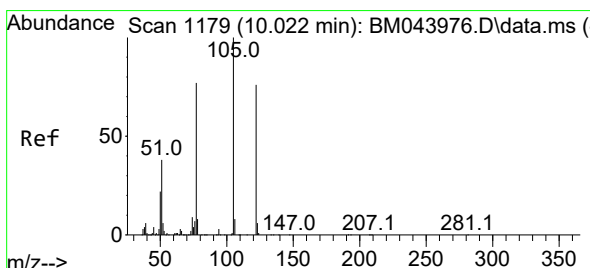
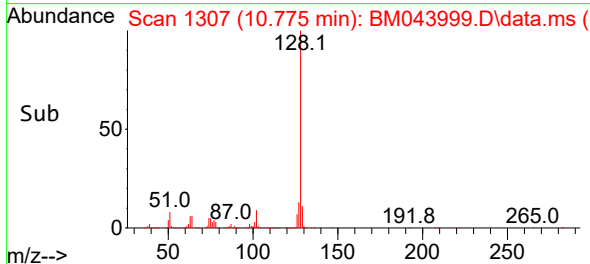
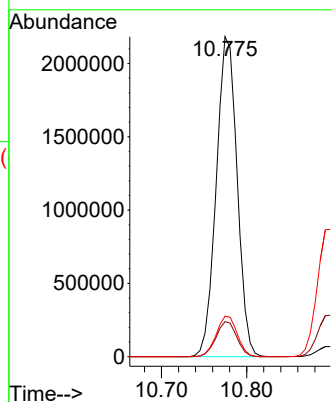
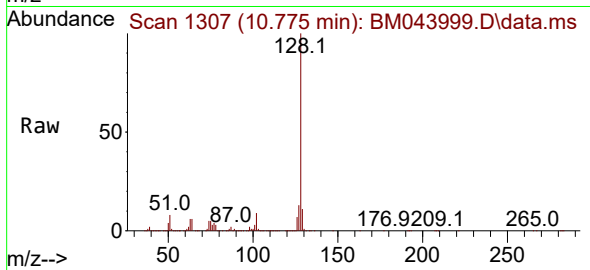




#31
Naphthalene
Concen: 38.866 ng
RT: 10.775 min Scan# 1183
Delta R.T. -0.006 min
Lab File: BM043999.D
Acq: 06 Feb 2024 20:05

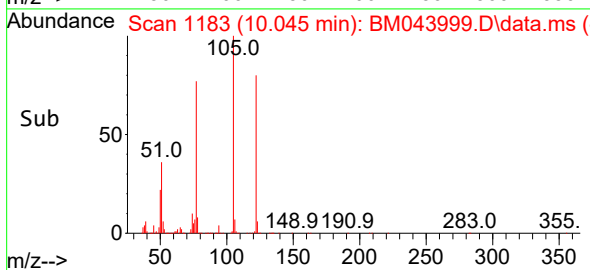
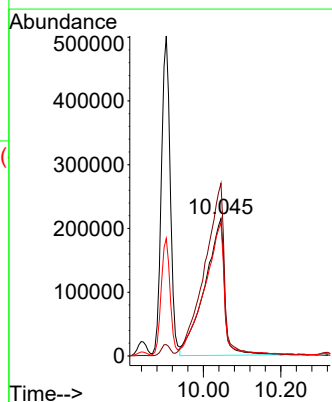
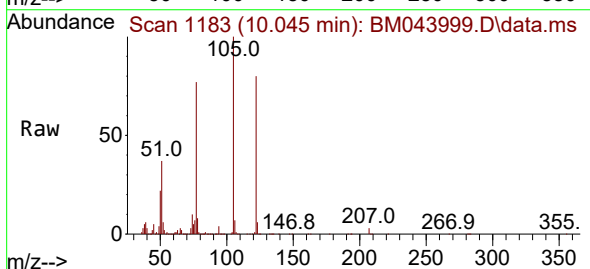
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040EC

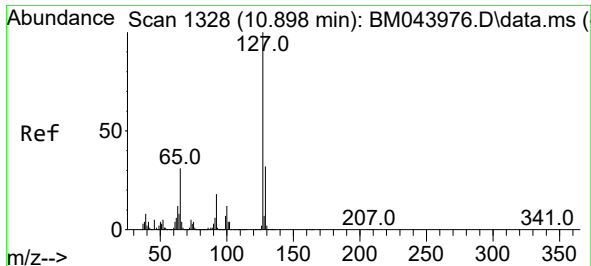
Tgt Ion:128 Resp: 3712140
Ion Ratio Lower Upper
128 100
129 11.0 8.4 12.6
127 12.7 10.1 15.1



#32
Benzoic acid
Concen: 36.718 ng
RT: 10.045 min Scan# 1183
Delta R.T. 0.023 min
Lab File: BM043999.D
Acq: 06 Feb 2024 20:05

Tgt Ion:122 Resp: 761221
Ion Ratio Lower Upper
122 100
105 125.6 109.4 149.4
77 96.8 80.5 120.5



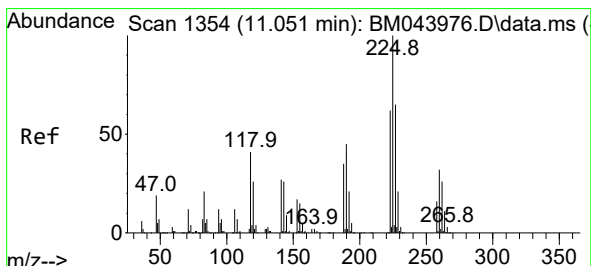
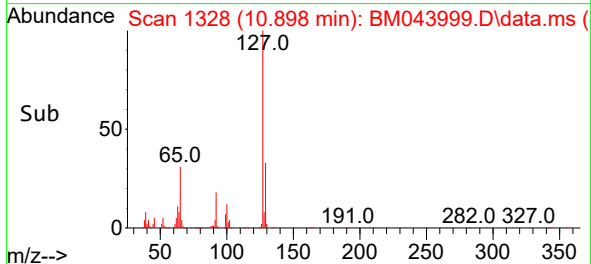
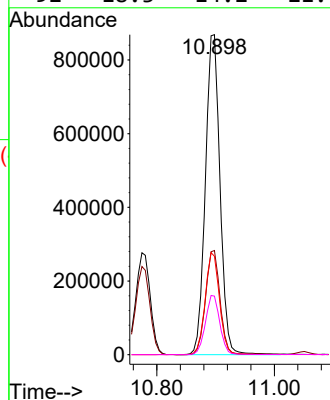
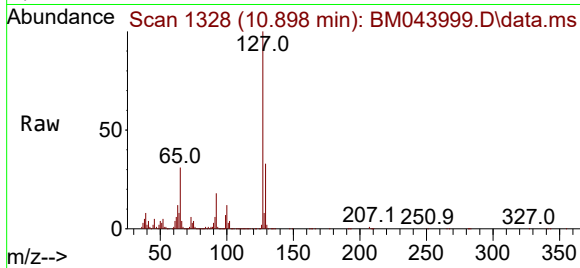


#33
4-Chloroaniline
Concen: 38.459 ng
RT: 10.898 min Scan# 11
Delta R.T. -0.000 min
Lab File: BM043999.D
Acq: 06 Feb 2024 20:05

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040EC

Tgt Ion:127 Resp: 1509807

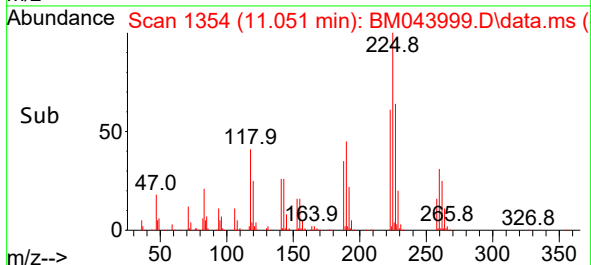
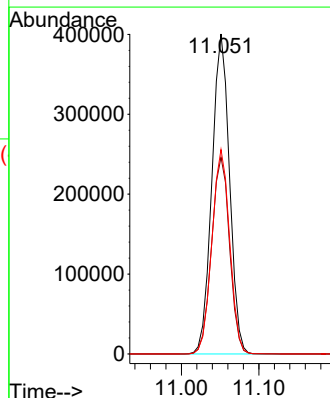
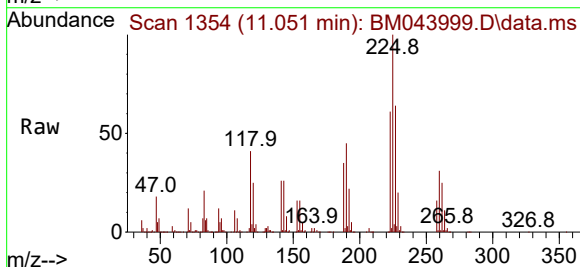
Ion	Ratio	Lower	Upper
127	100		
129	32.5	25.6	38.4
65	30.7	24.5	36.7
92	18.3	14.2	21.4

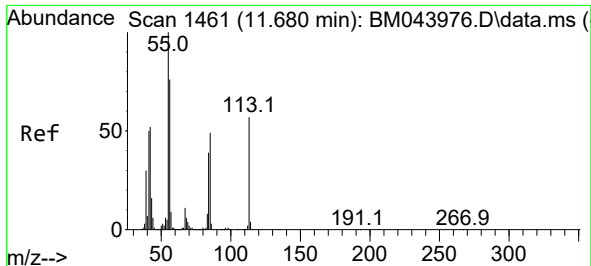


#34
Hexachlorobutadiene
Concen: 40.564 ng
RT: 11.051 min Scan# 1354
Delta R.T. -0.000 min
Lab File: BM043999.D
Acq: 06 Feb 2024 20:05

Tgt Ion:225 Resp: 630818

Ion	Ratio	Lower	Upper
225	100		
223	61.5	49.8	74.8
227	63.9	51.7	77.5

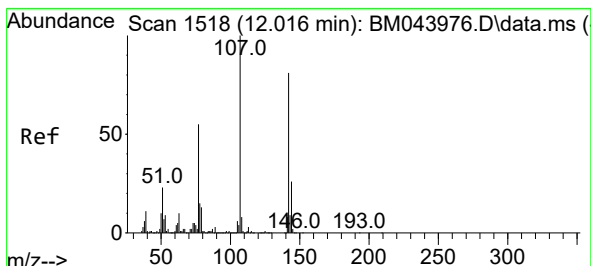
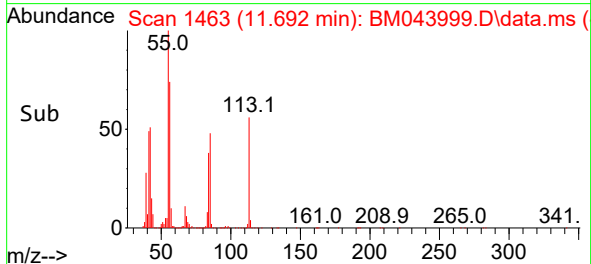
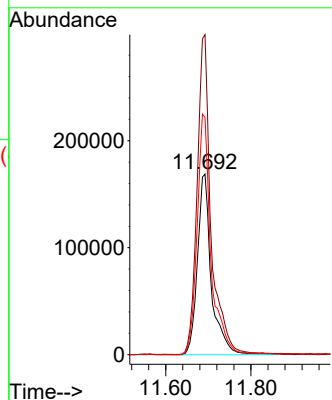
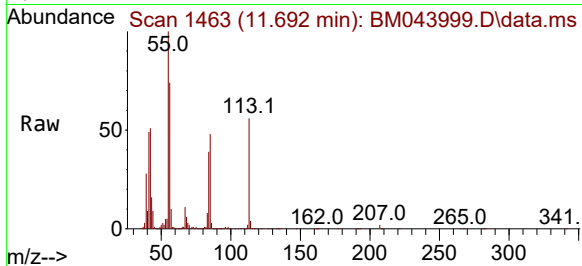




#35
 Caprolactam
 Concen: 36.927 ng
 RT: 11.692 min Scan# 1463
 Delta R.T. 0.012 min
 Lab File: BM043999.D
 Acq: 06 Feb 2024 20:05

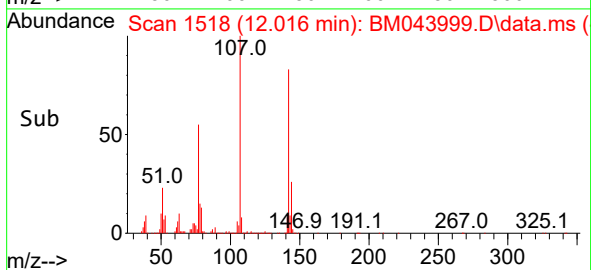
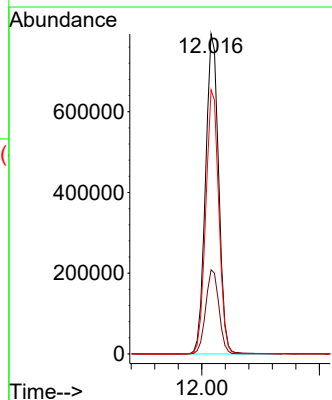
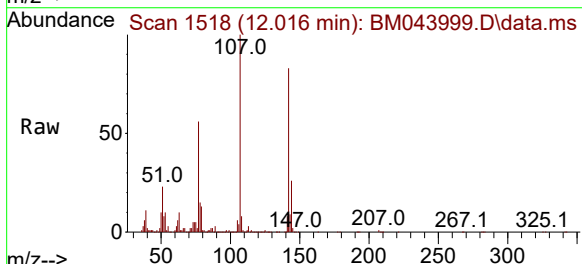
Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC040EC

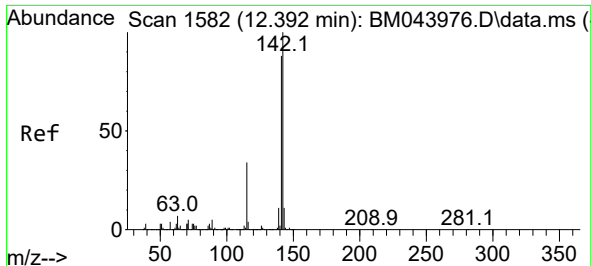
Tgt Ion:113 Resp: 382279
 Ion Ratio Lower Upper
 113 100
 55 177.1 154.3 194.3
 56 131.3 112.2 152.2



#36
 4-Chloro-3-methylphenol
 Concen: 39.655 ng
 RT: 12.016 min Scan# 1518
 Delta R.T. -0.000 min
 Lab File: BM043999.D
 Acq: 06 Feb 2024 20:05

Tgt Ion:107 Resp: 1225927
 Ion Ratio Lower Upper
 107 100
 144 26.3 21.1 31.7
 142 82.6 65.0 97.4





#37

2-Methylnaphthalene

Concen: 38.806 ng

RT: 12.386 min Scan# 1

Delta R.T. -0.006 min

Lab File: BM043999.D

Acq: 06 Feb 2024 20:05

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040EC

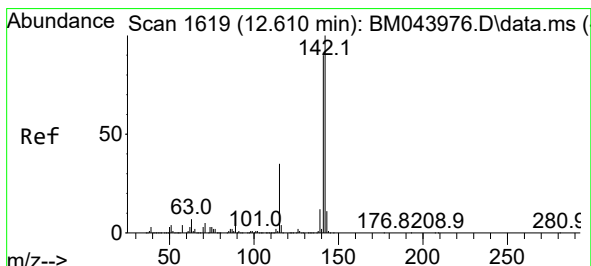
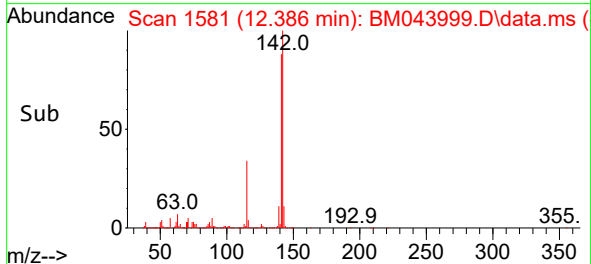
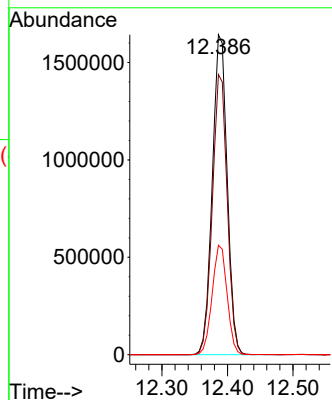
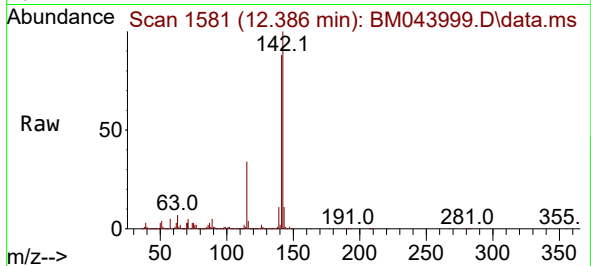
Tgt Ion:142 Resp: 2584714

Ion Ratio Lower Upper

142 100

141 87.5 70.2 105.2

115 34.2 27.2 40.8



#38

1-Methylnaphthalene

Concen: 38.465 ng

RT: 12.610 min Scan# 1619

Delta R.T. -0.000 min

Lab File: BM043999.D

Acq: 06 Feb 2024 20:05

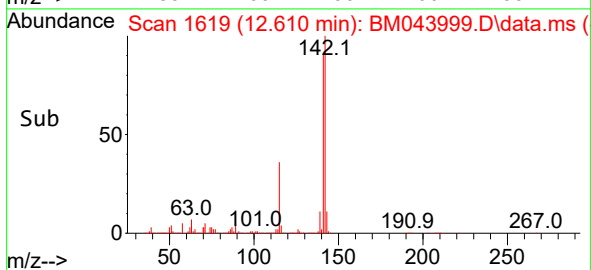
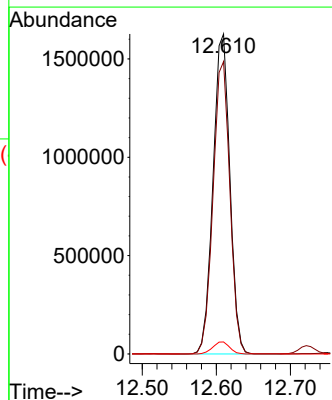
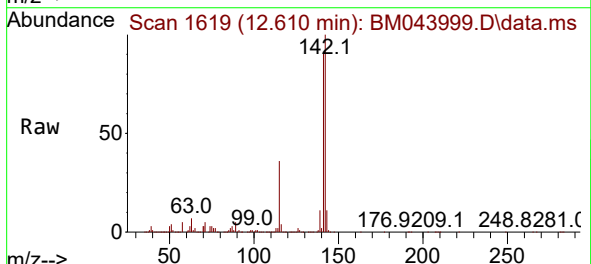
Tgt Ion:142 Resp: 2557590

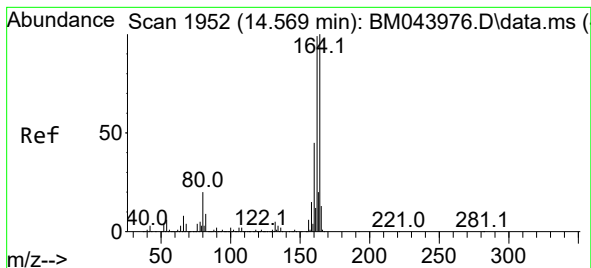
Ion Ratio Lower Upper

142 100

141 91.3 72.1 108.1

116 3.8 2.9 4.3





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.568 min Scan# 1952

Delta R.T. -0.001 min

Lab File: BM043999.D

Acq: 06 Feb 2024 20:05

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040EC

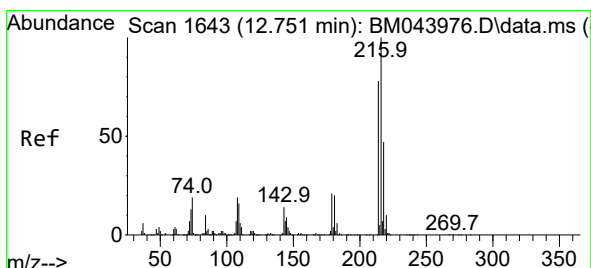
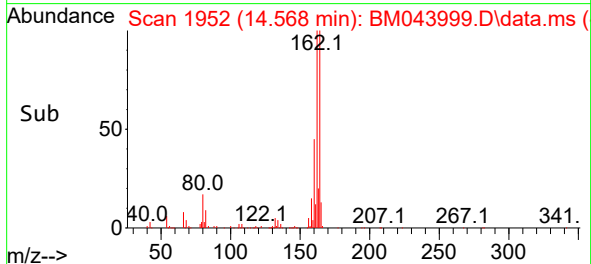
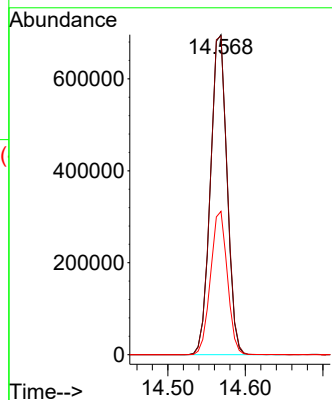
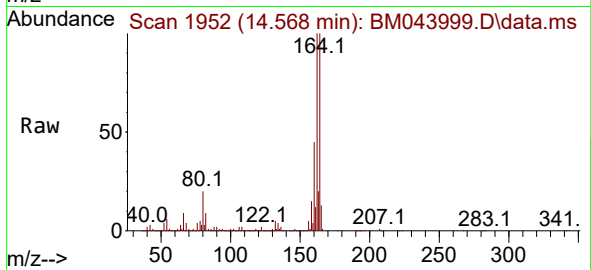
Tgt Ion:164 Resp: 1034404

Ion Ratio Lower Upper

164 100

162 99.6 79.0 118.4

160 44.8 35.8 53.8



#40

1,2,4,5-Tetrachlorobenzene

Concen: 40.639 ng

RT: 12.751 min Scan# 1643

Delta R.T. -0.000 min

Lab File: BM043999.D

Acq: 06 Feb 2024 20:05

Tgt Ion:216 Resp: 1192259

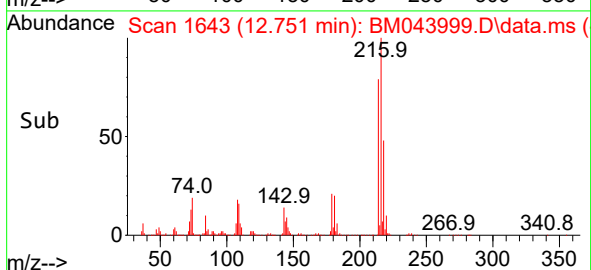
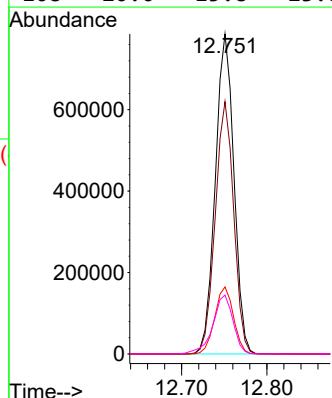
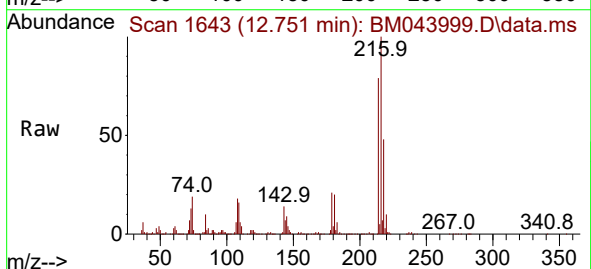
Ion Ratio Lower Upper

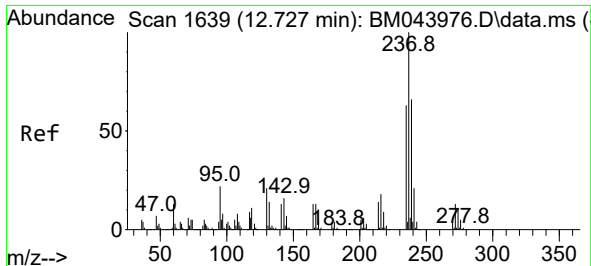
216 100

214 78.4 62.6 94.0

179 21.1 16.7 25.1

108 20.0 15.8 23.8

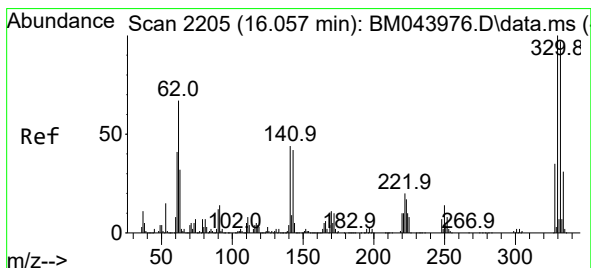
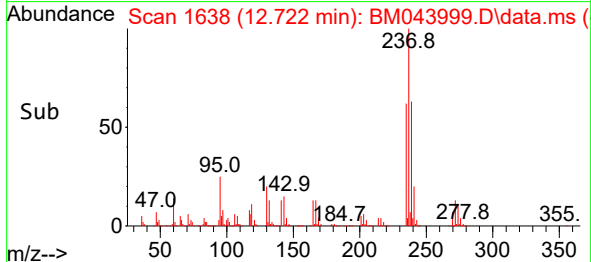
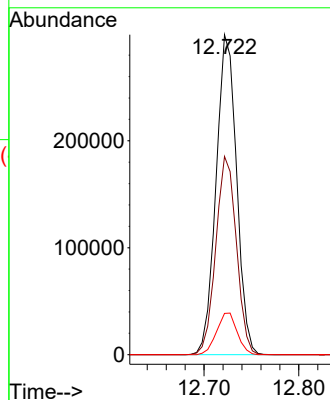
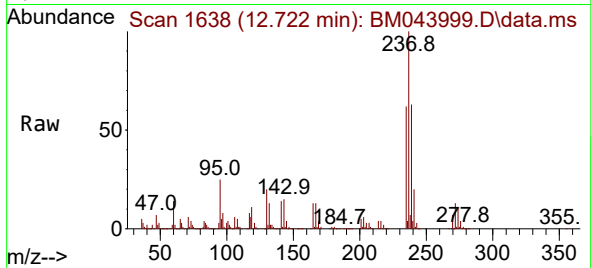




#41
Hexachlorocyclopentadiene
Concen: 46.665 ng
RT: 12.722 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM043999.D
Acq: 06 Feb 2024 20:05

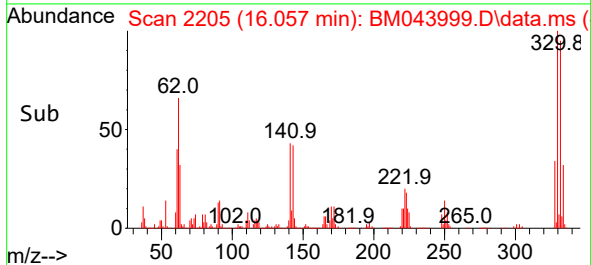
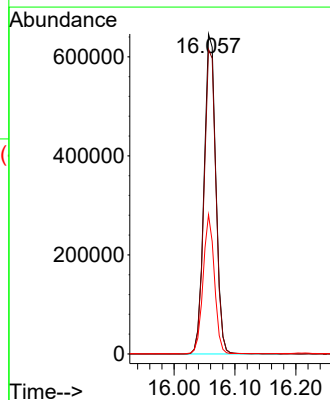
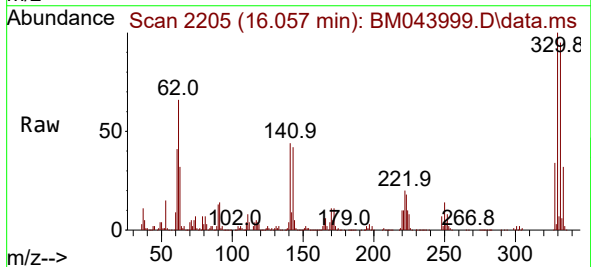
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040EC

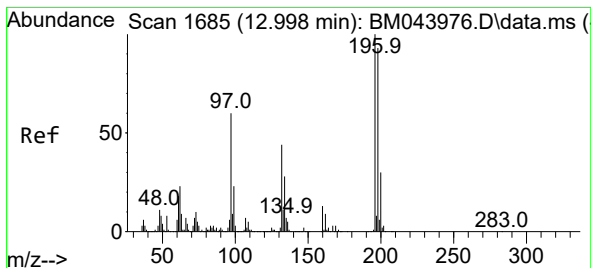
Tgt Ion:237 Resp: 450265
Ion Ratio Lower Upper
237 100
235 61.9 43.5 83.5
272 12.9 0.0 33.2



#42
2,4,6-Tribromophenol
Concen: 69.108 ng
RT: 16.057 min Scan# 2205
Delta R.T. -0.000 min
Lab File: BM043999.D
Acq: 06 Feb 2024 20:05

Tgt Ion:330 Resp: 871401
Ion Ratio Lower Upper
330 100
332 95.8 77.6 116.4
141 41.7 33.5 50.3





#43

2,4,6-Trichlorophenol

Concen: 42.159 ng

RT: 12.998 min Scan# 1

Delta R.T. -0.000 min

Lab File: BM043999.D

Acq: 06 Feb 2024 20:05

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040EC

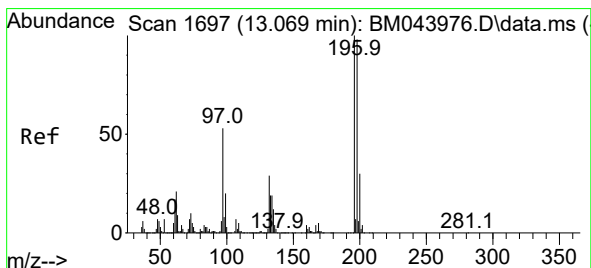
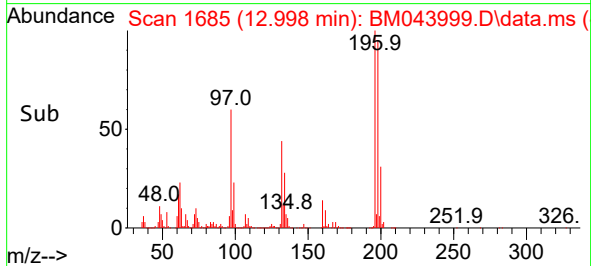
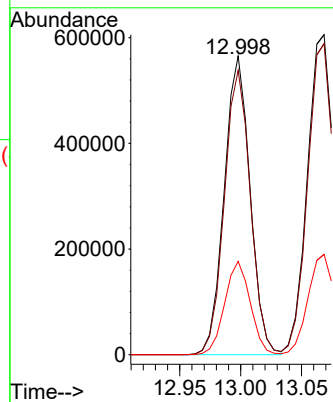
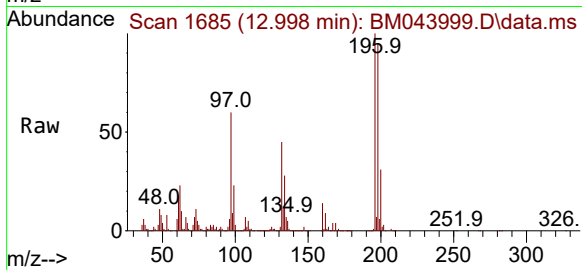
Tgt Ion:196 Resp: 835857

Ion Ratio Lower Upper

196 100

198 95.2 74.2 111.2

200 31.2 23.8 35.8



#44

2,4,5-Trichlorophenol

Concen: 41.264 ng

RT: 13.069 min Scan# 1697

Delta R.T. -0.000 min

Lab File: BM043999.D

Acq: 06 Feb 2024 20:05

Tgt Ion:196 Resp: 933376

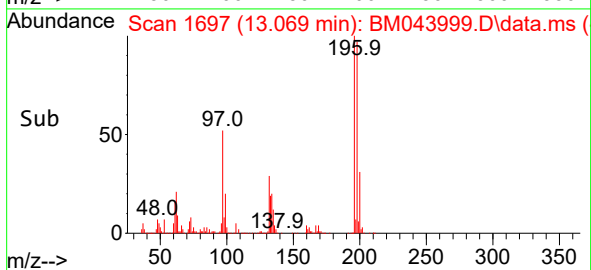
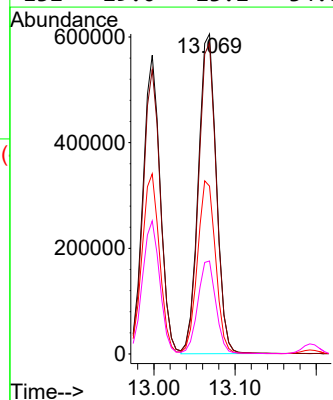
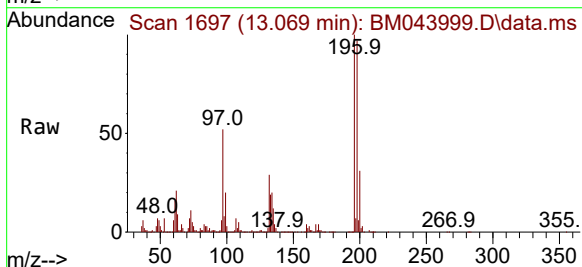
Ion Ratio Lower Upper

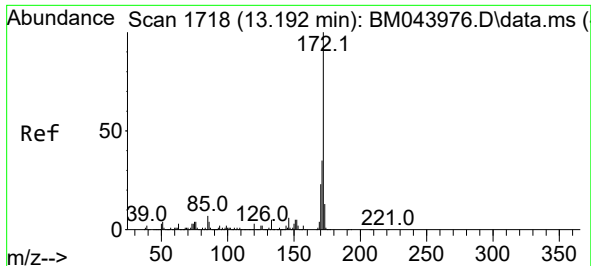
196 100

198 97.2 78.1 117.1

97 52.4 42.2 63.2

132 29.0 23.2 34.8





#45

2-Fluorobiphenyl

Concen: 81.471 ng

RT: 13.192 min Scan# 1718

Delta R.T. 0.000 min

Lab File: BM043999.D

Acq: 06 Feb 2024 20:05

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040EC

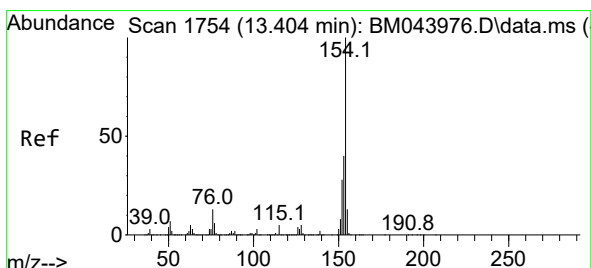
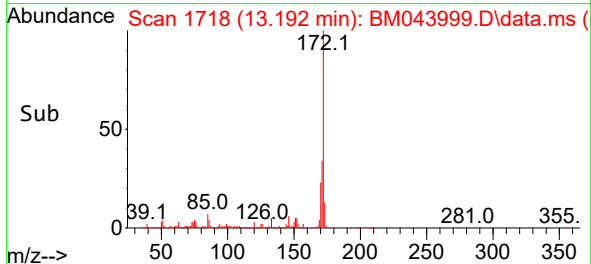
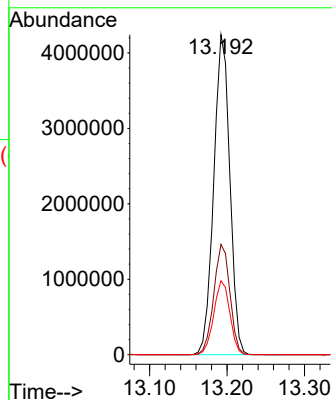
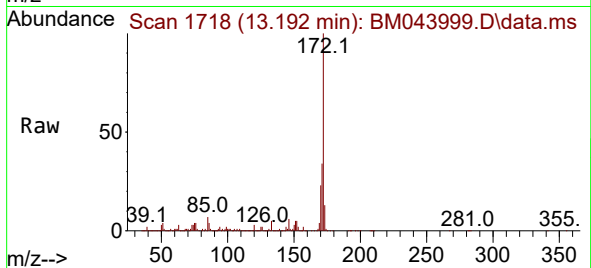
Tgt Ion:172 Resp: 6133187

Ion Ratio Lower Upper

172 100

171 34.5 27.9 41.9

170 23.1 18.6 28.0



#46

1,1'-Biphenyl

Concen: 39.894 ng

RT: 13.404 min Scan# 1754

Delta R.T. -0.000 min

Lab File: BM043999.D

Acq: 06 Feb 2024 20:05

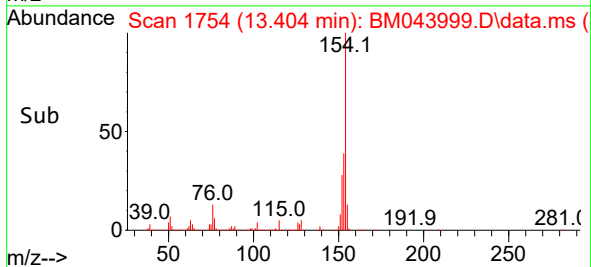
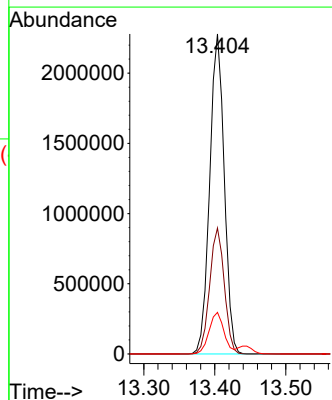
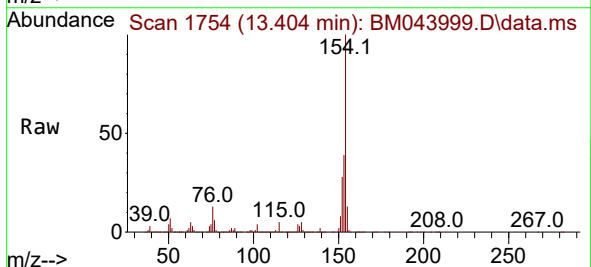
Tgt Ion:154 Resp: 3245163

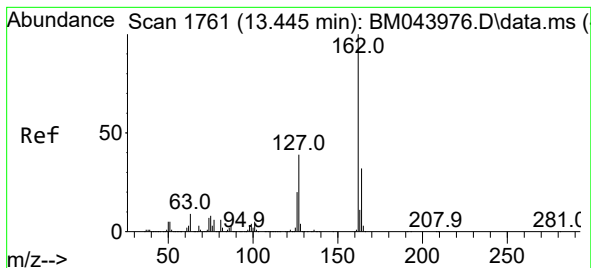
Ion Ratio Lower Upper

154 100

153 39.4 19.8 59.8

76 13.0 0.0 33.0





#47

2-Chloronaphthalene

Concen: 39.573 ng

RT: 13.445 min Scan# 1

Delta R.T. -0.000 min

Lab File: BM043999.D

Acq: 06 Feb 2024 20:05

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040EC

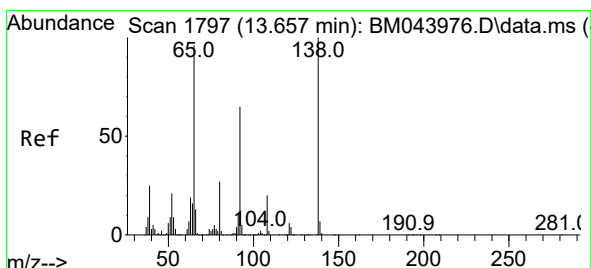
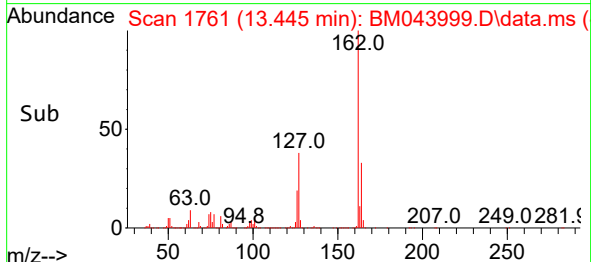
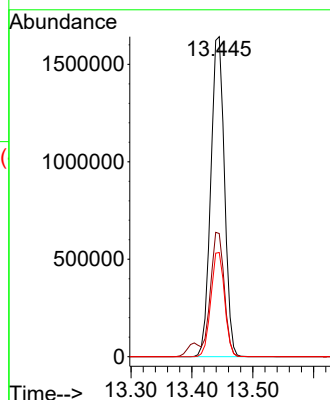
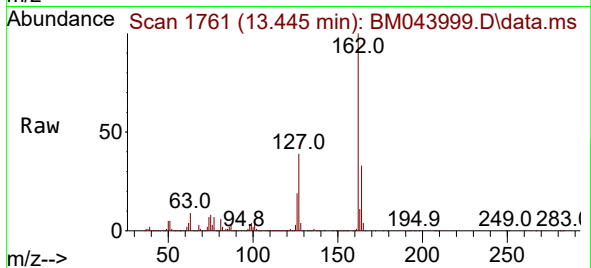
Tgt Ion:162 Resp: 2567194

Ion Ratio Lower Upper

162 100

127 38.5 31.0 46.6

164 32.6 25.8 38.6



#48

2-Nitroaniline

Concen: 39.845 ng

RT: 13.657 min Scan# 1797

Delta R.T. -0.000 min

Lab File: BM043999.D

Acq: 06 Feb 2024 20:05

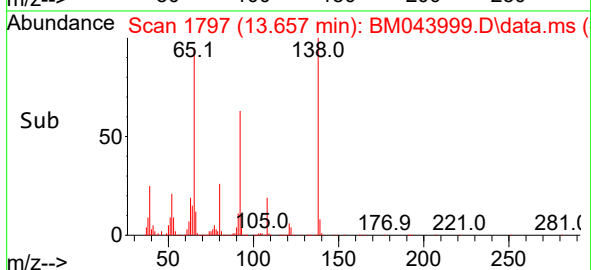
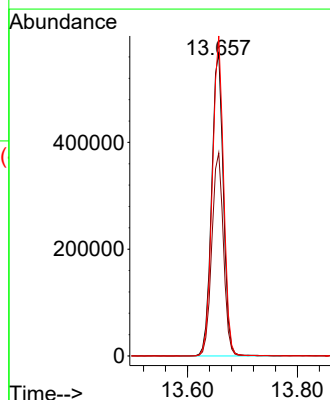
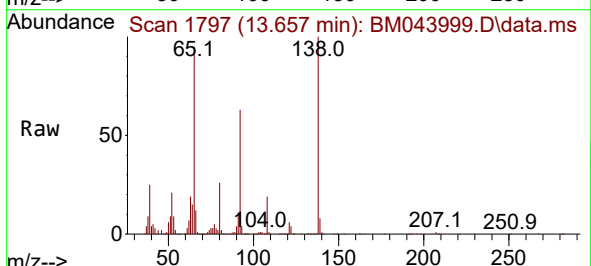
Tgt Ion: 65 Resp: 840685

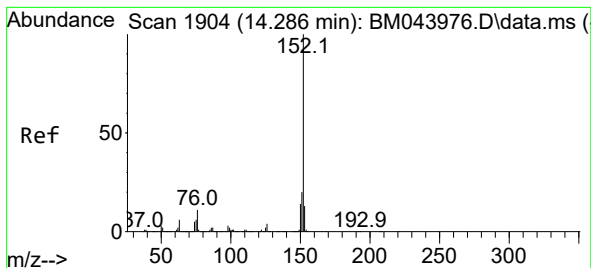
Ion Ratio Lower Upper

65 100

92 67.0 53.6 80.4

138 105.5 83.0 124.6





#49

Acenaphthylene

Concen: 38.938 ng

RT: 14.286 min Scan# 1904

Delta R.T. -0.000 min

Lab File: BM043999.D

Acq: 06 Feb 2024 20:05

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040EC

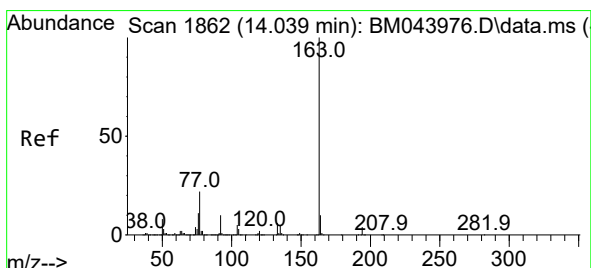
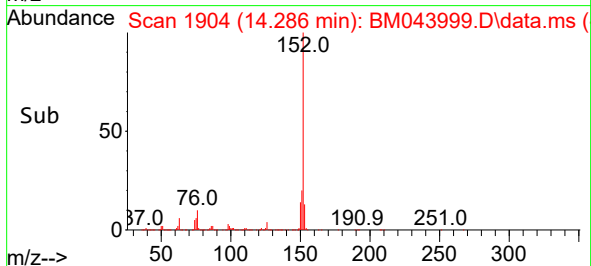
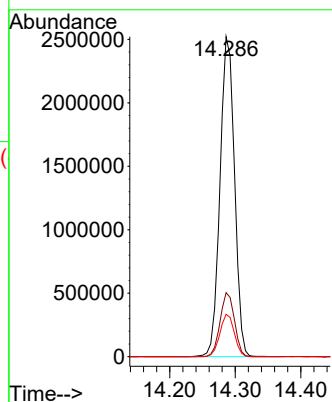
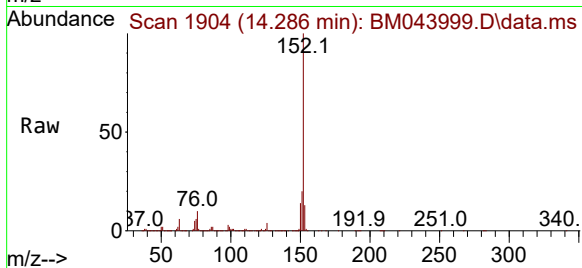
Tgt Ion:152 Resp: 3861217

Ion Ratio Lower Upper

152 100

151 20.0 15.9 23.9

153 13.3 10.4 15.6



#50

Dimethylphthalate

Concen: 38.863 ng

RT: 14.039 min Scan# 1862

Delta R.T. -0.000 min

Lab File: BM043999.D

Acq: 06 Feb 2024 20:05

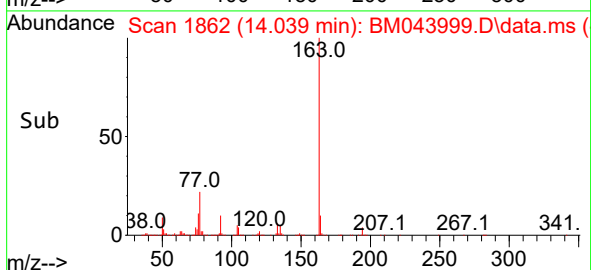
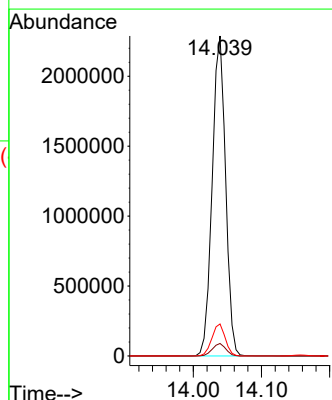
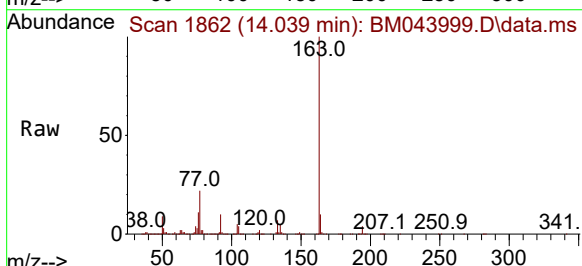
Tgt Ion:163 Resp: 3122571

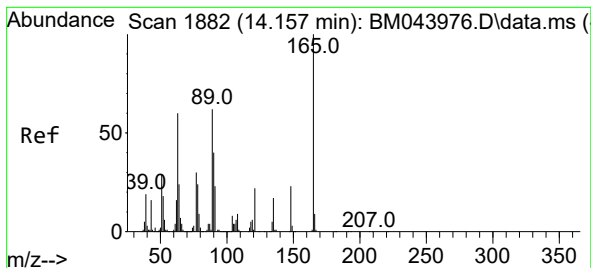
Ion Ratio Lower Upper

163 100

194 3.9 3.1 4.7

164 10.0 8.0 12.0





#51

2,6-Dinitrotoluene

Concen: 39.711 ng

RT: 14.157 min Scan# 1882

Delta R.T. -0.000 min

Lab File: BM043999.D

Acq: 06 Feb 2024 20:05

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040EC

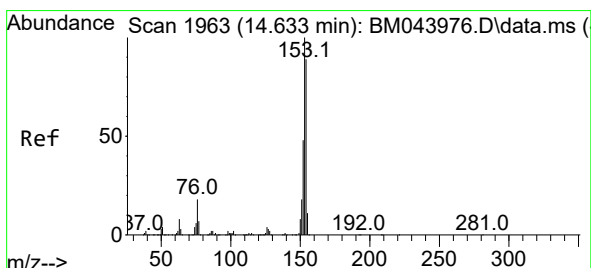
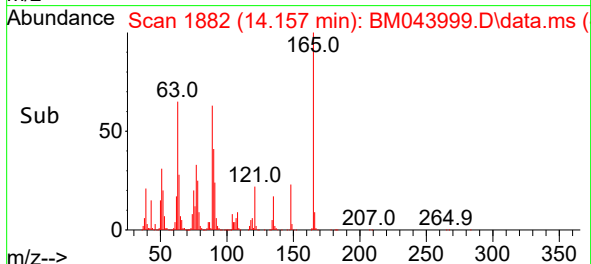
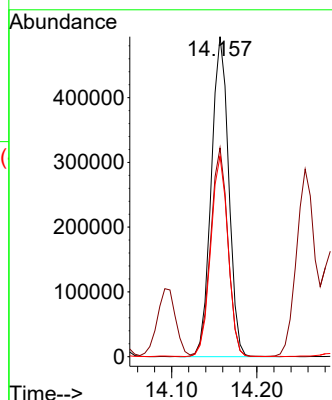
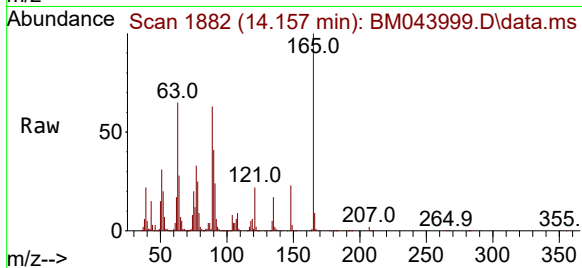
Tgt Ion:165 Resp: 701352

Ion Ratio Lower Upper

165 100

63 65.3 51.1 76.7

89 62.6 49.5 74.3



#52

Acenaphthene

Concen: 38.890 ng

RT: 14.633 min Scan# 1963

Delta R.T. -0.000 min

Lab File: BM043999.D

Acq: 06 Feb 2024 20:05

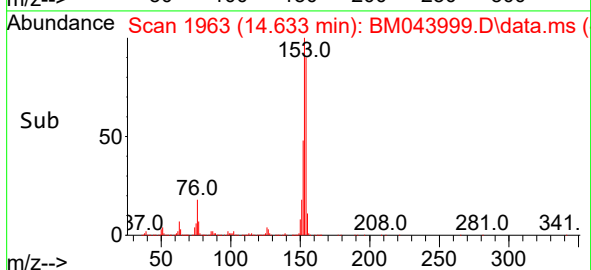
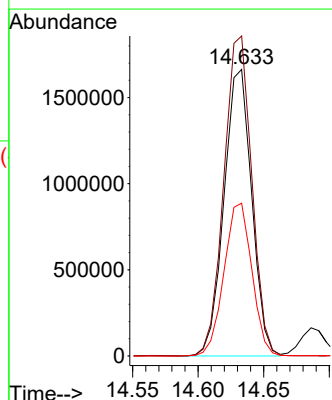
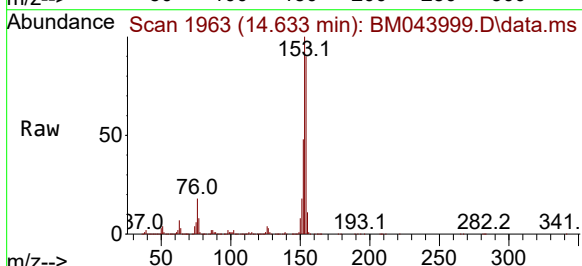
Tgt Ion:154 Resp: 2444744

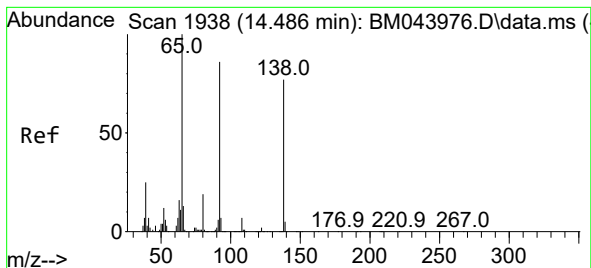
Ion Ratio Lower Upper

154 100

153 111.7 90.1 135.1

152 53.3 43.6 65.4

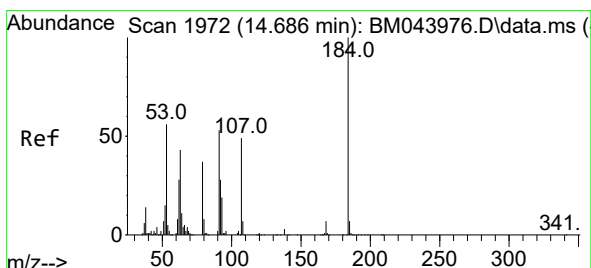
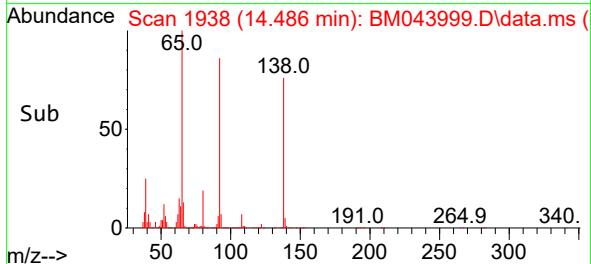
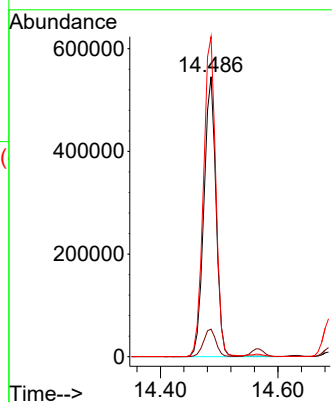
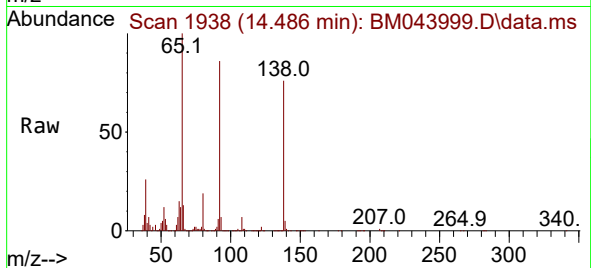




#53
3-Nitroaniline
Concen: 38.041 ng
RT: 14.486 min Scan# 1938
Delta R.T. -0.000 min
Lab File: BM043999.D
Acq: 06 Feb 2024 20:05

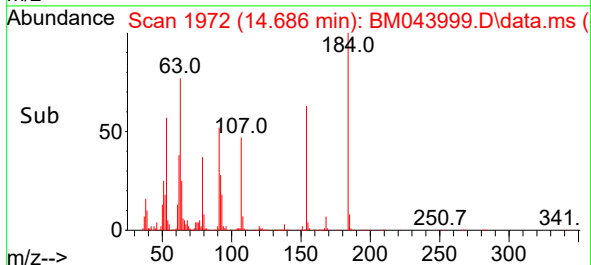
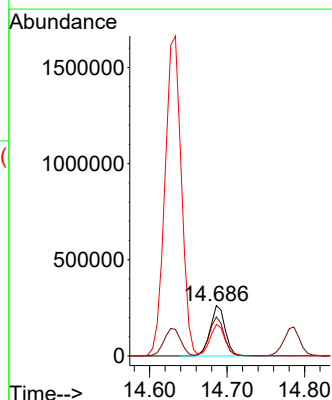
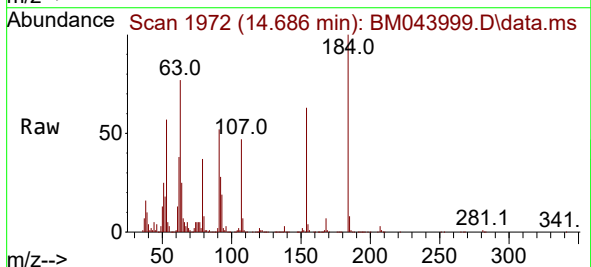
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040EC

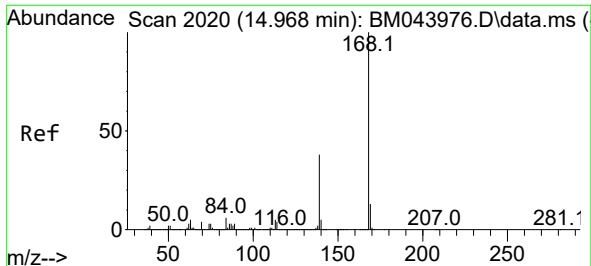
Tgt Ion:138 Resp: 779976
Ion Ratio Lower Upper
138 100
108 9.9 7.8 11.6
92 114.3 89.7 134.5



#54
2,4-Dinitrophenol
Concen: 36.473 ng
RT: 14.686 min Scan# 1972
Delta R.T. 0.000 min
Lab File: BM043999.D
Acq: 06 Feb 2024 20:05

Tgt Ion:184 Resp: 350516
Ion Ratio Lower Upper
184 100
63 77.3 62.8 94.2
154 62.5 51.4 77.2

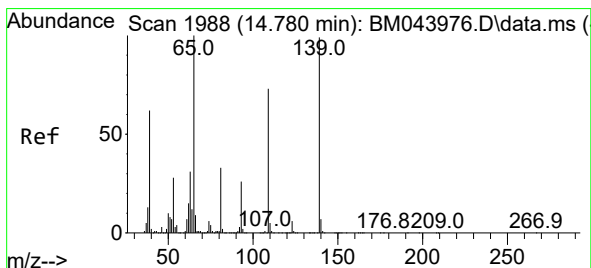
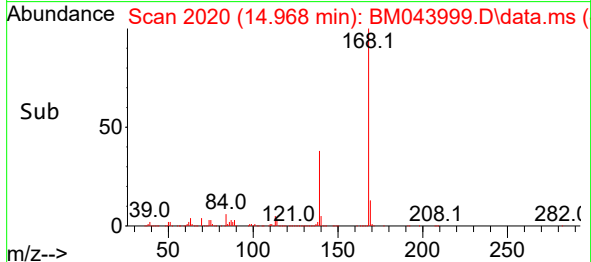
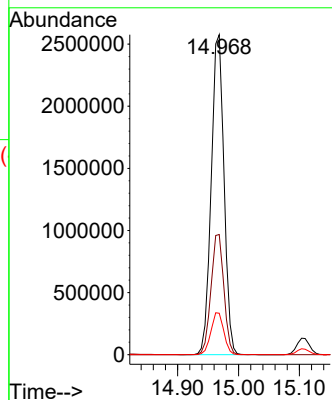
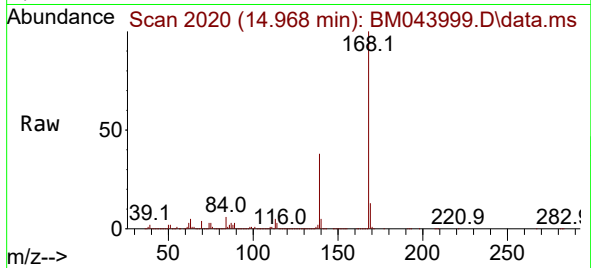




#55
Dibenzofuran
Concen: 38.373 ng
RT: 14.968 min Scan# 20
Delta R.T. -0.000 min
Lab File: BM043999.D
Acq: 06 Feb 2024 20:05

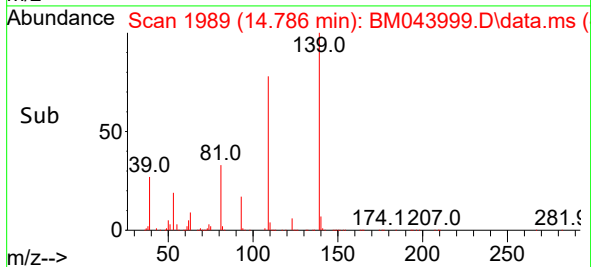
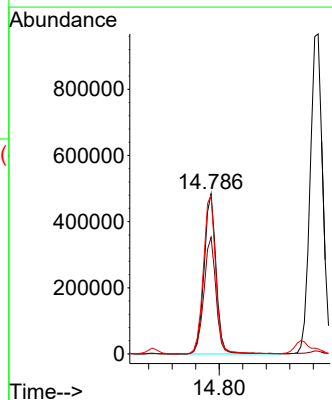
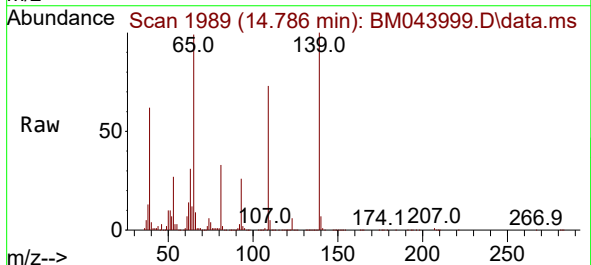
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040EC

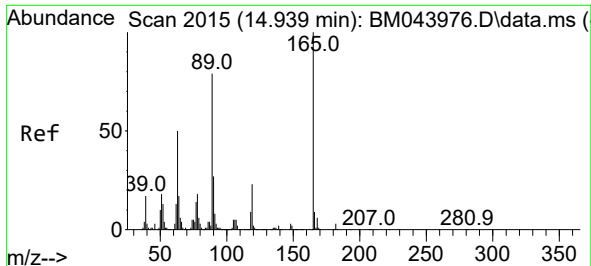
Tgt Ion:168 Resp: 3754058
Ion Ratio Lower Upper
168 100
139 37.5 30.7 46.1
169 12.9 10.5 15.7



#56
4-Nitrophenol
Concen: 38.500 ng
RT: 14.786 min Scan# 1989
Delta R.T. 0.006 min
Lab File: BM043999.D
Acq: 06 Feb 2024 20:05

Tgt Ion:139 Resp: 689843
Ion Ratio Lower Upper
139 100
109 72.9 53.2 93.2
65 99.1 80.7 120.7





#57

2,4-Dinitrotoluene

Concen: 39.361 ng

RT: 14.939 min Scan# 2015

Delta R.T. -0.000 min

Lab File: BM043999.D

Acq: 06 Feb 2024 20:05

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040EC

Tgt Ion:165 Resp: 967712

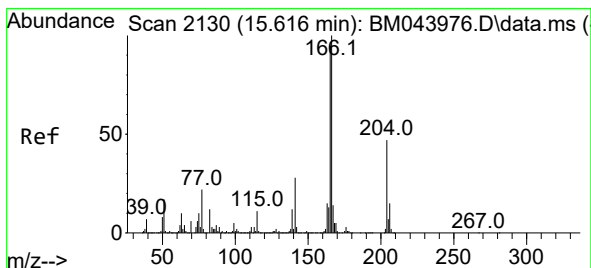
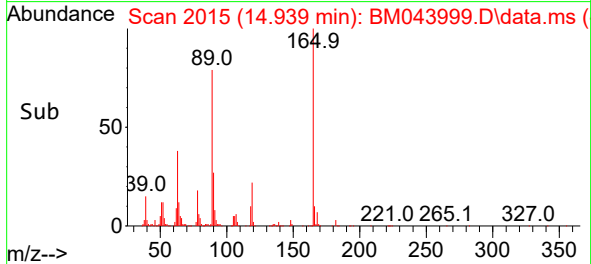
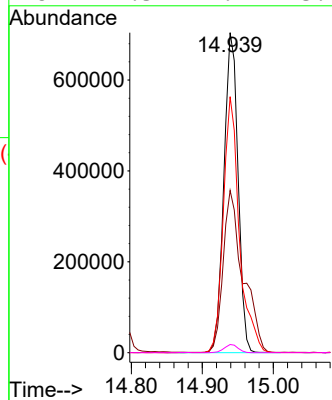
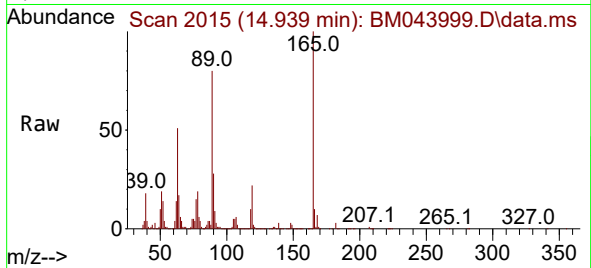
Ion Ratio Lower Upper

165 100

63 50.7 40.2 60.4

89 80.0 63.3 94.9

182 2.5 2.1 3.1



#58

Fluorene

Concen: 38.831 ng

RT: 15.615 min Scan# 2130

Delta R.T. -0.000 min

Lab File: BM043999.D

Acq: 06 Feb 2024 20:05

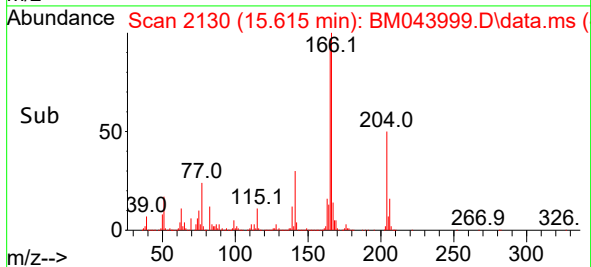
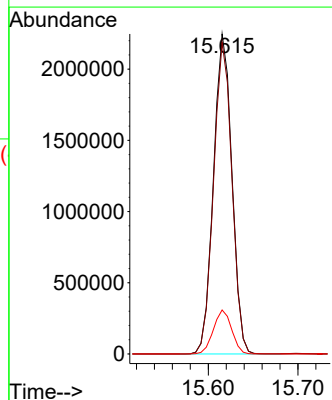
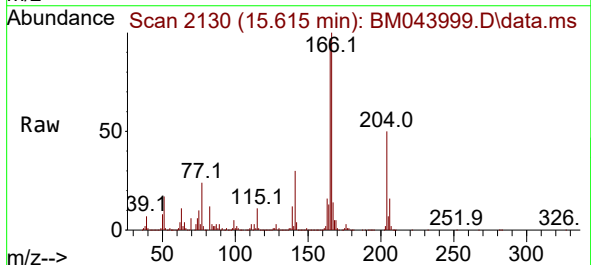
Tgt Ion:166 Resp: 3208090

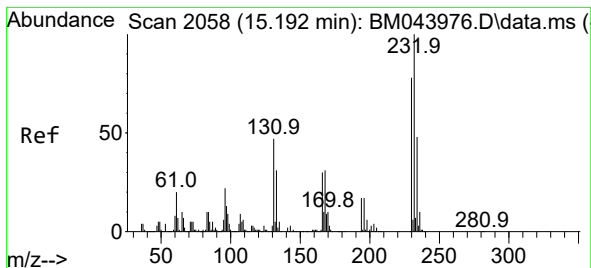
Ion Ratio Lower Upper

166 100

165 97.4 76.3 114.5

167 13.8 10.9 16.3

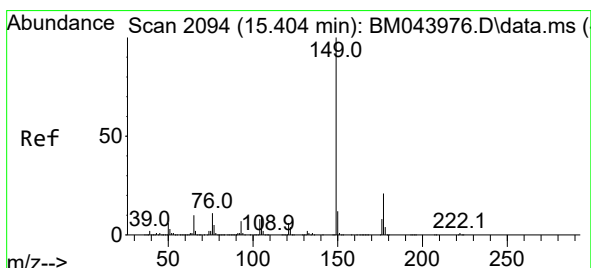
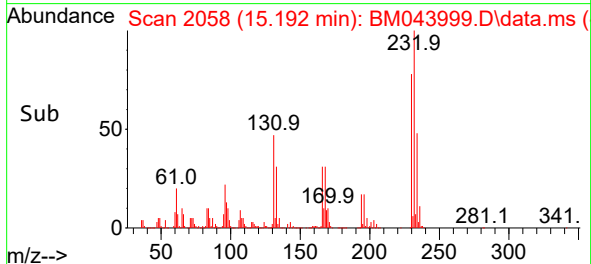
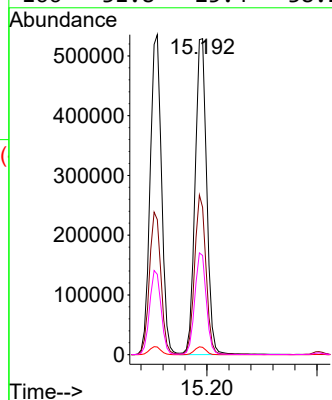
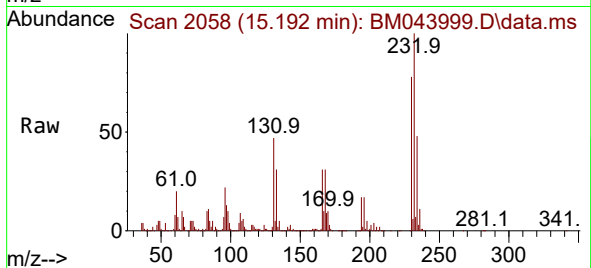




#59
2,3,4,6-Tetrachlorophenol
Concen: 39.631 ng
RT: 15.192 min Scan# 2058
Delta R.T. -0.000 min
Lab File: BM043999.D
Acq: 06 Feb 2024 20:05

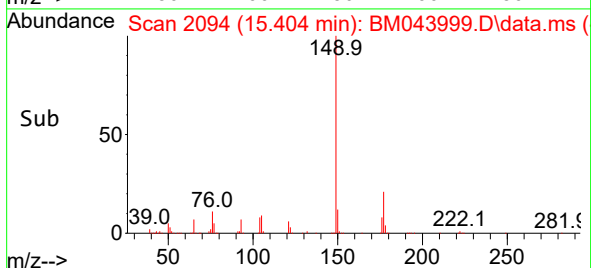
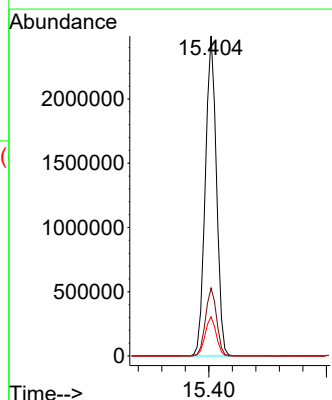
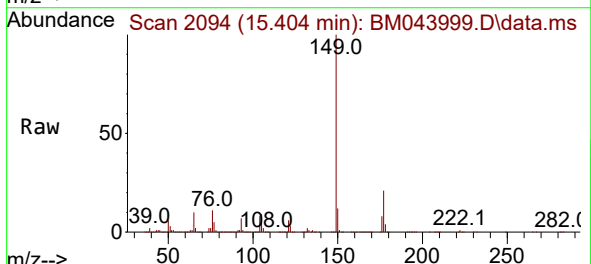
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040EC

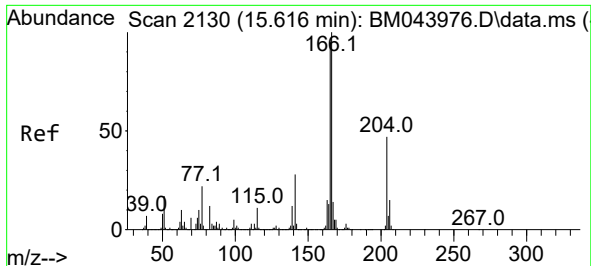
Tgt Ion:232 Resp: 772820
Ion Ratio Lower Upper
232 100
131 49.2 39.8 59.6
130 2.4 2.0 3.0
166 31.8 25.4 38.2



#60
Diethylphthalate
Concen: 39.207 ng
RT: 15.404 min Scan# 2094
Delta R.T. -0.000 min
Lab File: BM043999.D
Acq: 06 Feb 2024 20:05

Tgt Ion:149 Resp: 3261102
Ion Ratio Lower Upper
149 100
177 21.2 17.1 25.7
150 12.3 9.8 14.6

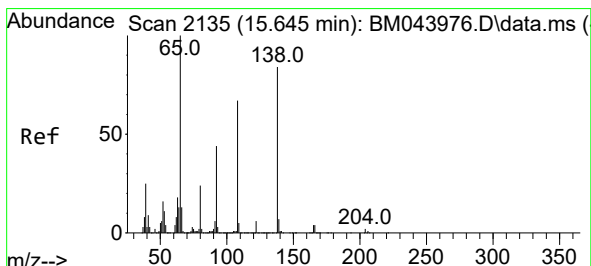
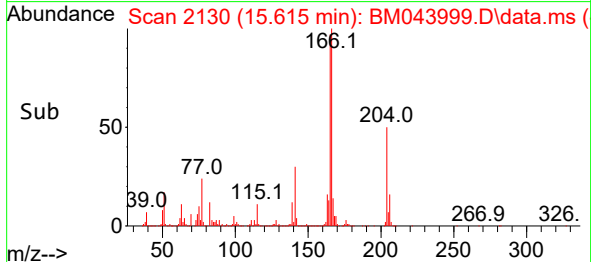
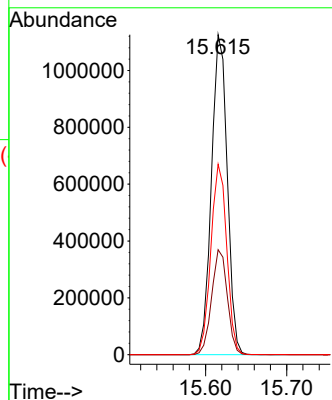
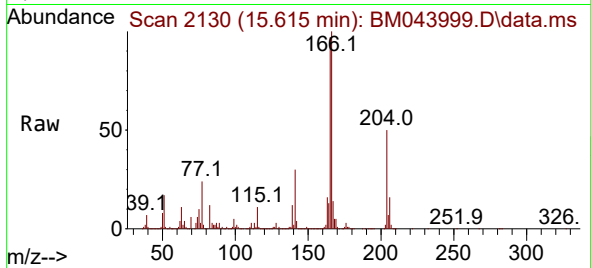




#61
4-Chlorophenyl-phenylether
Concen: 39.496 ng
RT: 15.615 min Scan# 2130
Delta R.T. -0.000 min
Lab File: BM043999.D
Acq: 06 Feb 2024 20:05

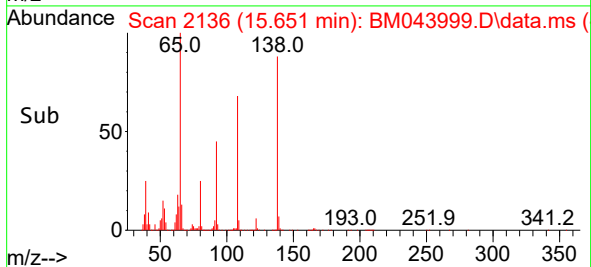
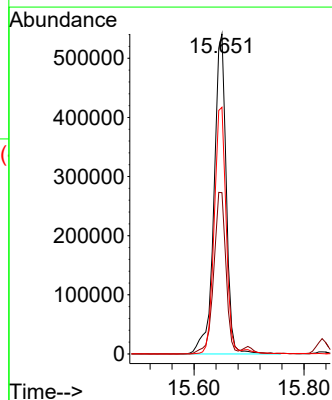
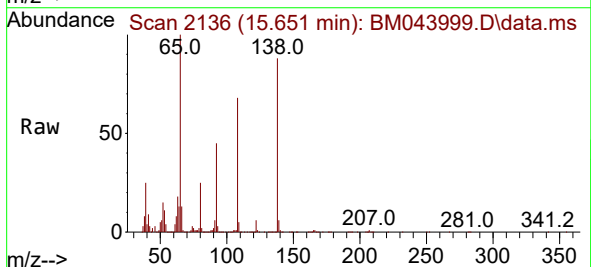
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040EC

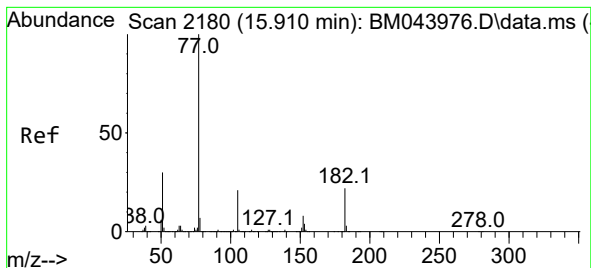
Tgt Ion:204 Resp: 1522337
Ion Ratio Lower Upper
204 100
206 32.8 26.2 39.2
141 59.5 48.6 72.8



#62
4-Nitroaniline
Concen: 37.420 ng
RT: 15.651 min Scan# 2136
Delta R.T. 0.006 min
Lab File: BM043999.D
Acq: 06 Feb 2024 20:05

Tgt Ion:138 Resp: 838872
Ion Ratio Lower Upper
138 100
92 50.4 32.7 72.7
108 77.1 60.0 100.0





#63

Azobenzene

Concen: 39.315 ng

RT: 15.910 min Scan# 21

Delta R.T. -0.000 min

Lab File: BM043999.D

Acq: 06 Feb 2024 20:05

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040EC

Tgt Ion: 77 Resp: 3266145

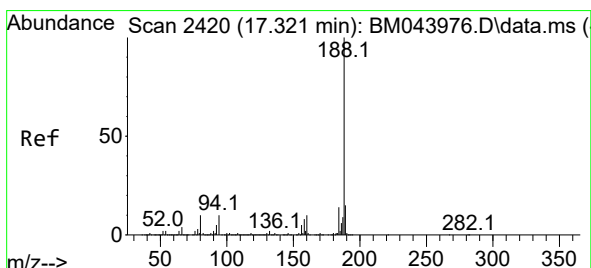
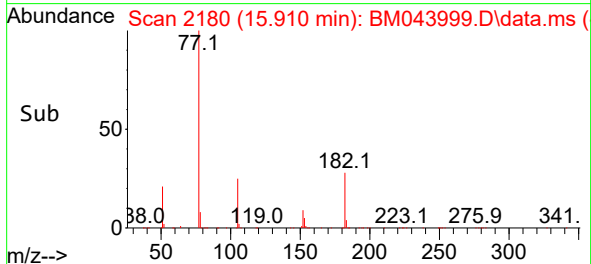
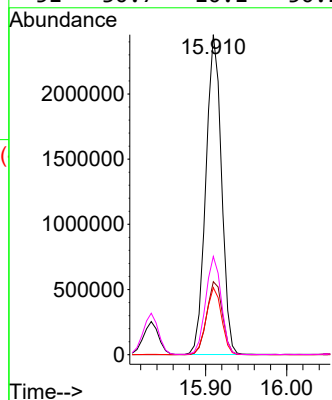
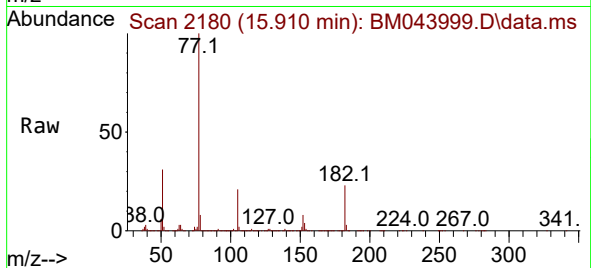
Ion Ratio Lower Upper

77 100

182 22.8 2.0 42.0

105 21.0 0.5 40.5

51 30.7 10.1 50.1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.315 min Scan# 2419

Delta R.T. -0.006 min

Lab File: BM043999.D

Acq: 06 Feb 2024 20:05

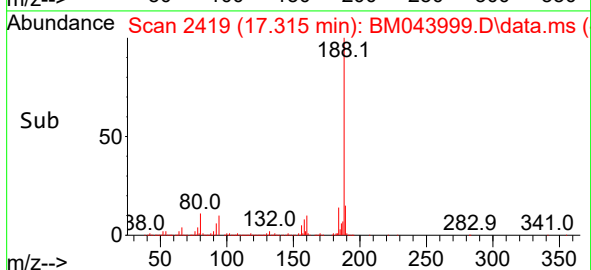
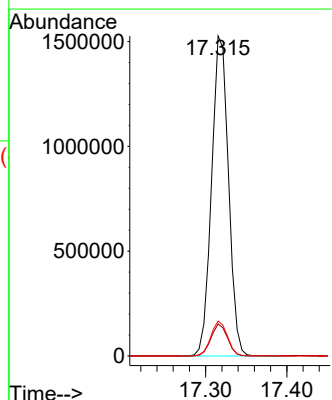
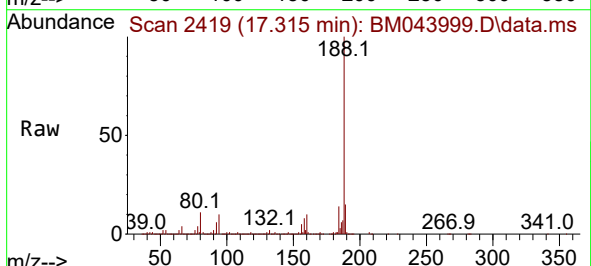
Tgt Ion:188 Resp: 2208197

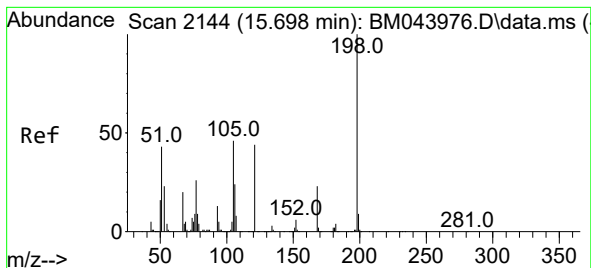
Ion Ratio Lower Upper

188 100

94 10.0 7.7 11.5

80 10.9 8.2 12.4

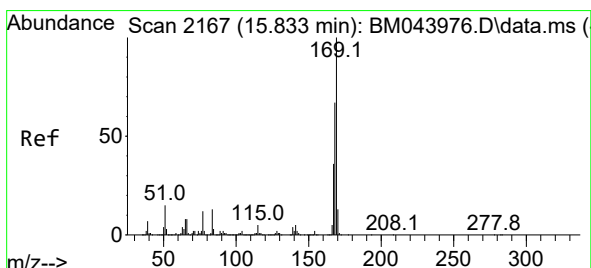
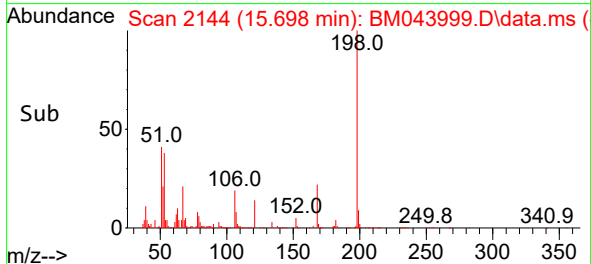
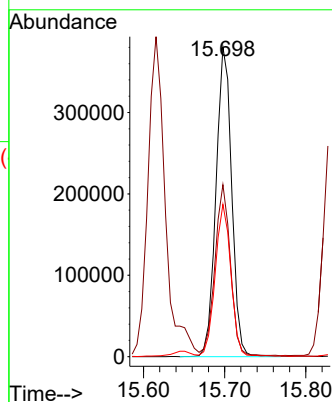
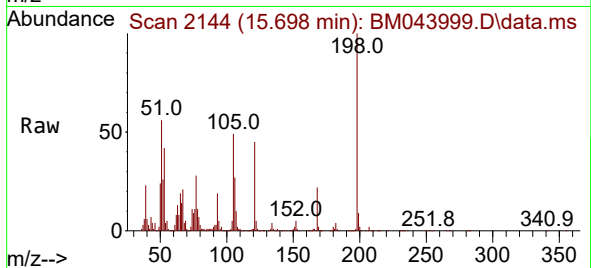




#65
4,6-Dinitro-2-methylphenol
Concen: 38.801 ng
RT: 15.698 min Scan# 2144
Delta R.T. -0.000 min
Lab File: BM043999.D
Acq: 06 Feb 2024 20:05

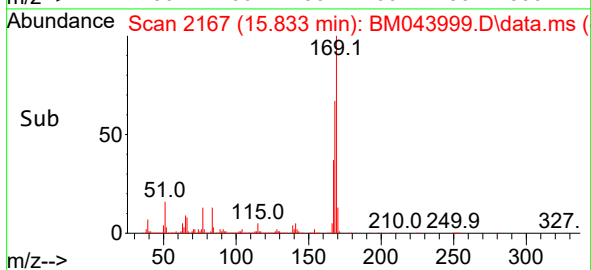
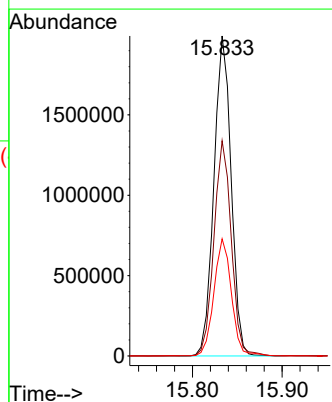
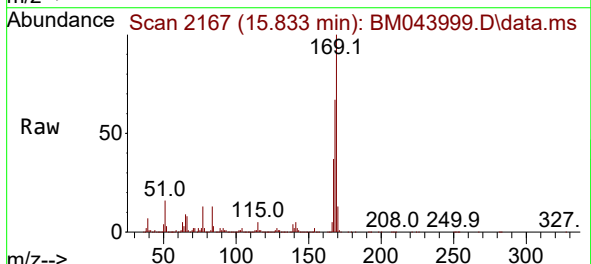
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040EC

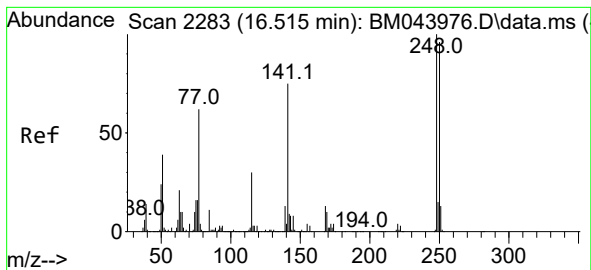
Tgt Ion:198 Resp: 511086
Ion Ratio Lower Upper
198 100
51 55.5 31.9 71.9
105 49.2 28.1 68.1



#66
n-Nitrosodiphenylamine
Concen: 40.340 ng
RT: 15.833 min Scan# 2167
Delta R.T. -0.000 min
Lab File: BM043999.D
Acq: 06 Feb 2024 20:05

Tgt Ion:169 Resp: 2653435
Ion Ratio Lower Upper
169 100
168 67.2 53.4 80.2
167 36.6 29.0 43.4

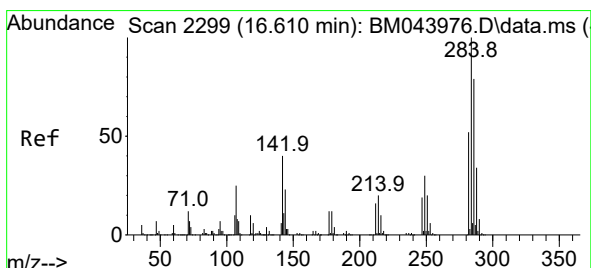
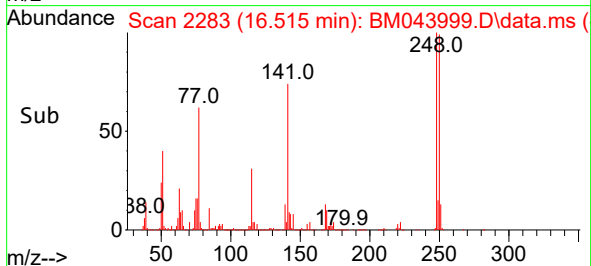
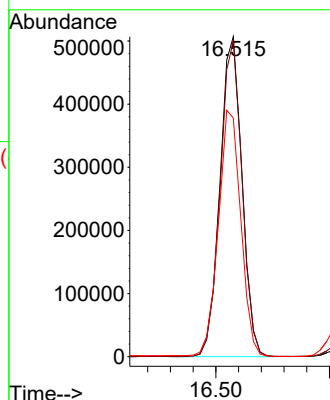
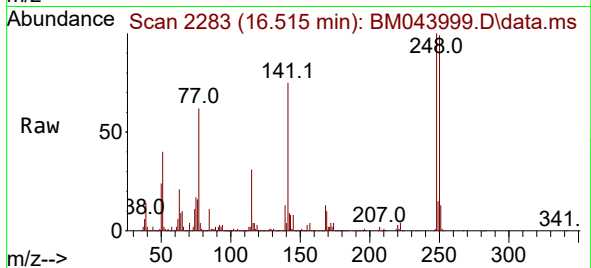




#67
4-Bromophenyl-phenylether
Concen: 31.369 ng
RT: 16.515 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM043999.D
Acq: 06 Feb 2024 20:05

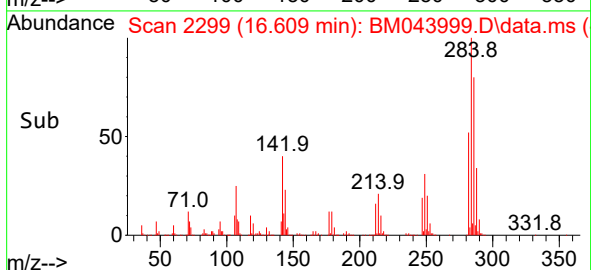
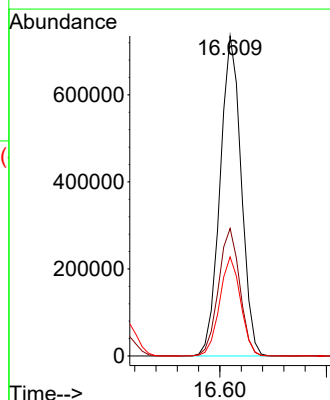
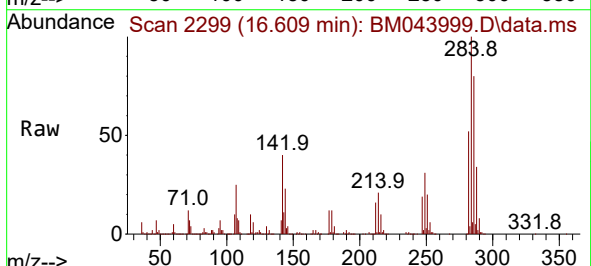
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040EC

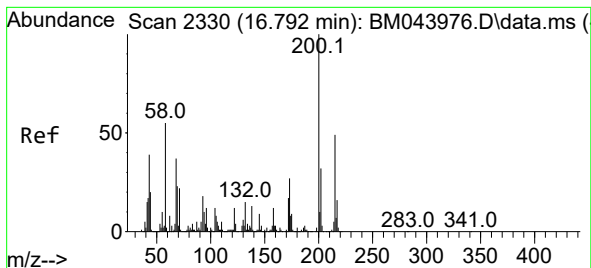
Tgt Ion:248 Resp: 682378
Ion Ratio Lower Upper
248 100
250 98.7 77.0 115.4
141 74.5 59.9 89.9



#68
Hexachlorobenzene
Concen: 38.945 ng
RT: 16.609 min Scan# 2299
Delta R.T. -0.000 min
Lab File: BM043999.D
Acq: 06 Feb 2024 20:05

Tgt Ion:284 Resp: 1010106
Ion Ratio Lower Upper
284 100
142 39.8 32.2 48.4
249 31.0 24.4 36.6





#69

Atrazine

Concen: 42.928 ng

RT: 16.792 min Scan# 21

Delta R.T. -0.000 min

Lab File: BM043999.D

Acq: 06 Feb 2024 20:05

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040EC

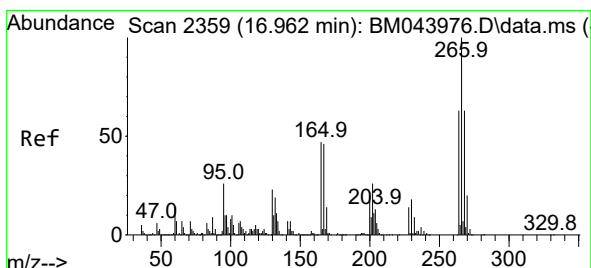
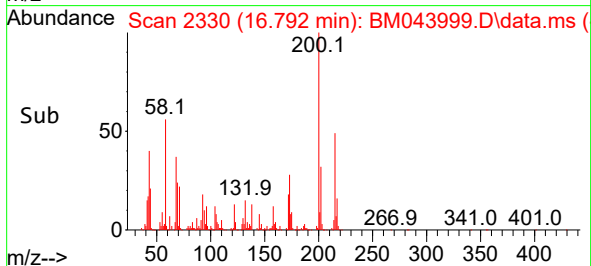
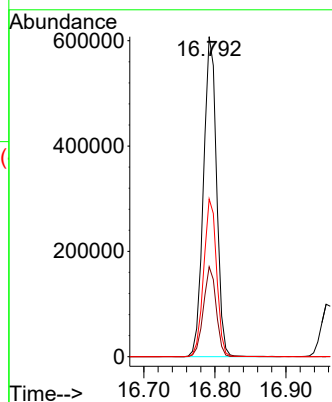
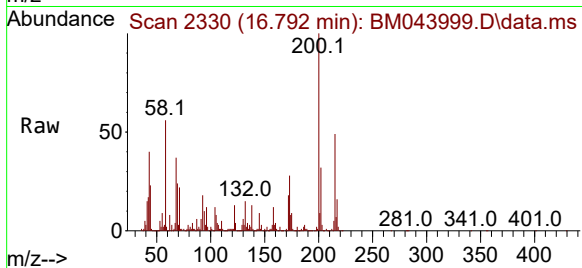
Tgt Ion:200 Resp: 781190

Ion Ratio Lower Upper

200 100

173 28.1 7.3 47.3

215 49.3 28.7 68.7



#70

Pentachlorophenol

Concen: 41.910 ng

RT: 16.962 min Scan# 2359

Delta R.T. 0.000 min

Lab File: BM043999.D

Acq: 06 Feb 2024 20:05

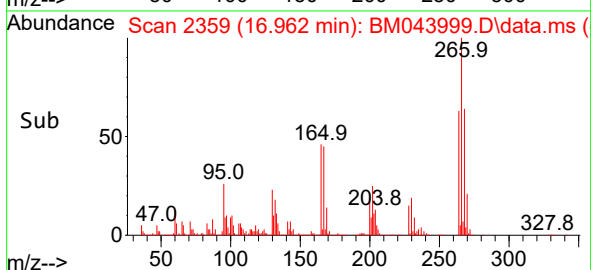
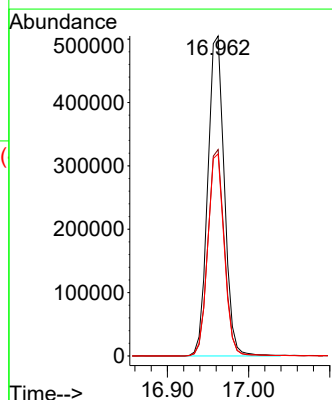
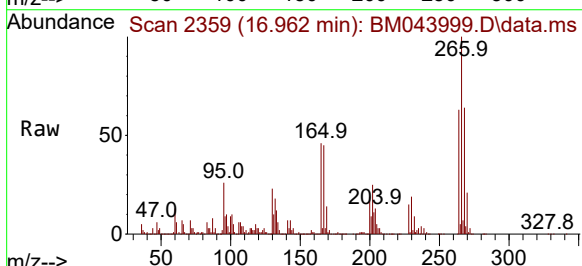
Tgt Ion:266 Resp: 713765

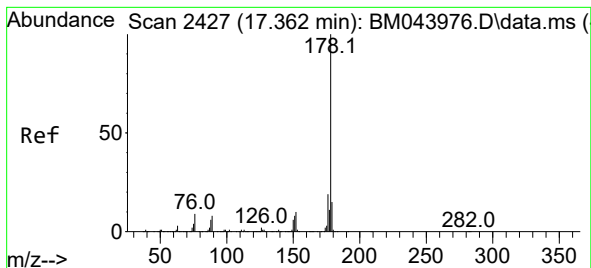
Ion Ratio Lower Upper

266 100

268 64.5 50.6 76.0

264 63.1 50.6 76.0





#71

Phenanthrene

Concen: 39.171 ng

RT: 17.362 min Scan# 2427

Delta R.T. -0.000 min

Lab File: BM043999.D

Acq: 06 Feb 2024 20:05

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040EC

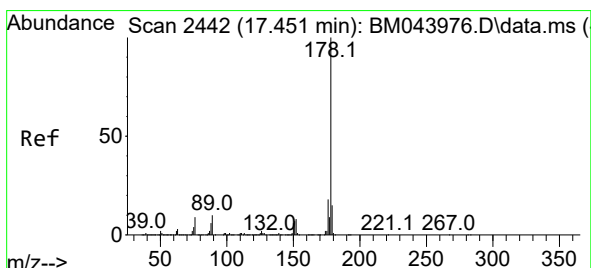
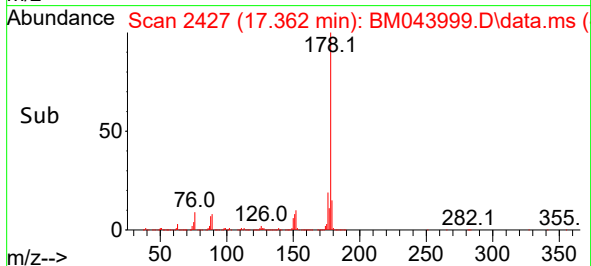
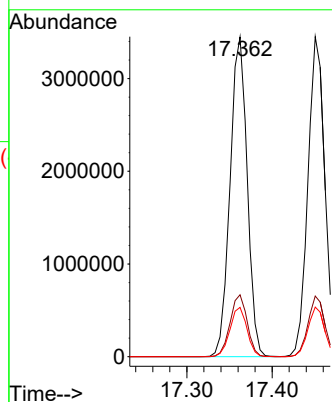
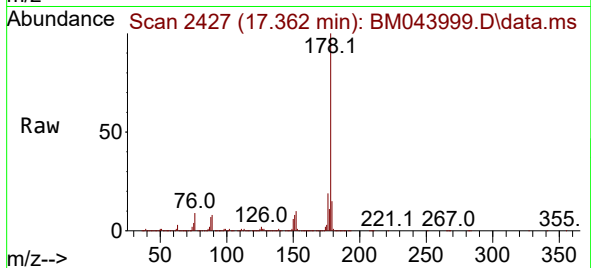
Tgt Ion:178 Resp: 4817813

Ion Ratio Lower Upper

178 100

176 19.4 15.3 22.9

179 15.4 12.4 18.6



#72

Anthracene

Concen: 39.659 ng

RT: 17.451 min Scan# 2442

Delta R.T. -0.000 min

Lab File: BM043999.D

Acq: 06 Feb 2024 20:05

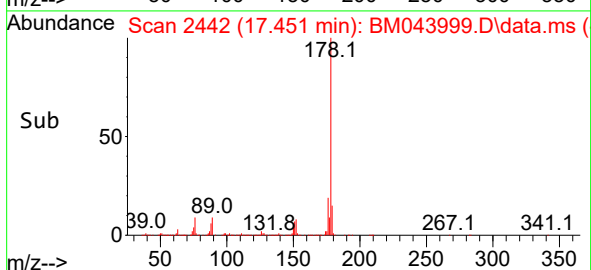
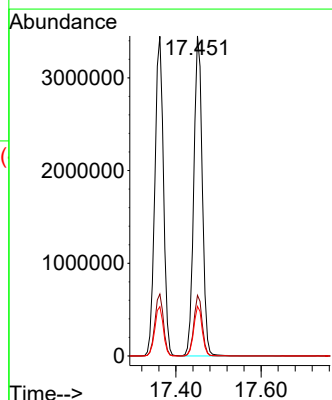
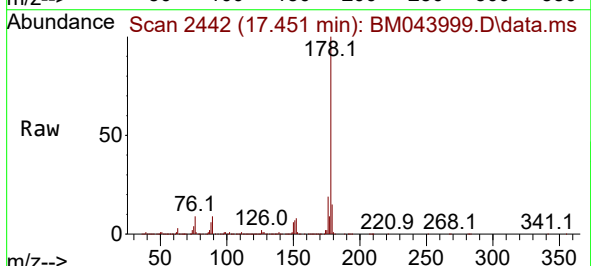
Tgt Ion:178 Resp: 4775476

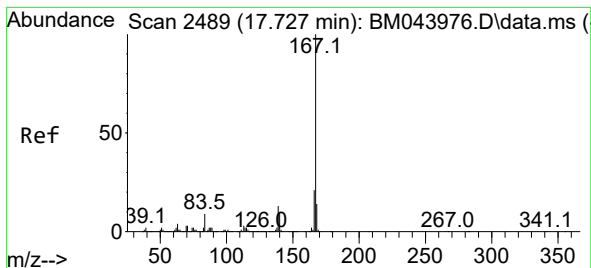
Ion Ratio Lower Upper

178 100

176 19.0 14.6 22.0

179 15.5 12.2 18.4





#73

Carbazole

Concen: 38.444 ng

RT: 17.727 min Scan# 24

Delta R.T. -0.000 min

Lab File: BM043999.D

Acq: 06 Feb 2024 20:05

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040EC

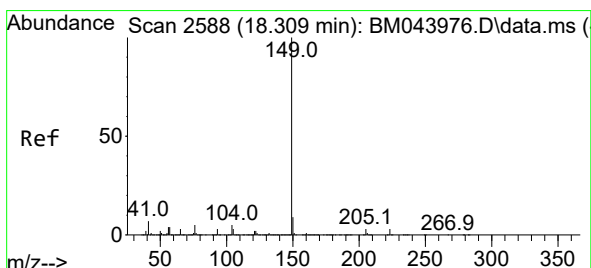
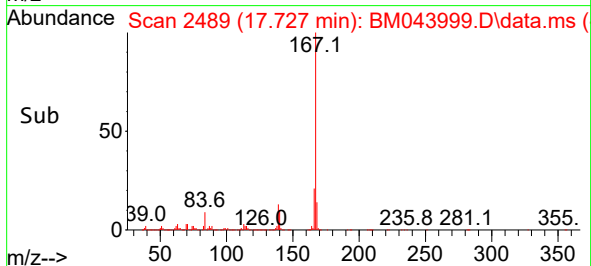
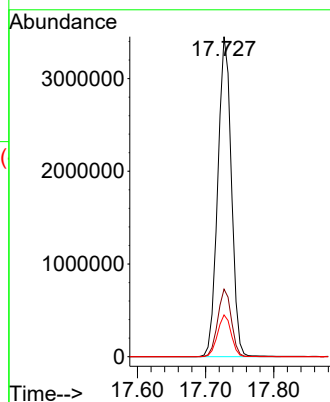
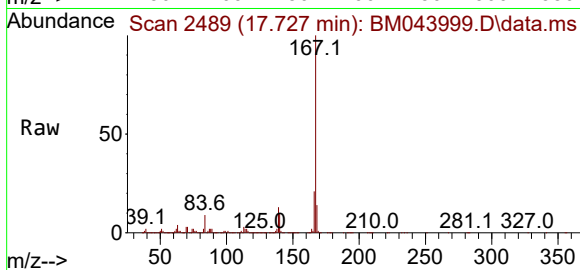
Tgt Ion:167 Resp: 4794313

Ion Ratio Lower Upper

167 100

166 21.1 17.1 25.7

139 13.1 10.6 15.8



#74

Di-n-butylphthalate

Concen: 41.953 ng

RT: 18.304 min Scan# 2587

Delta R.T. -0.006 min

Lab File: BM043999.D

Acq: 06 Feb 2024 20:05

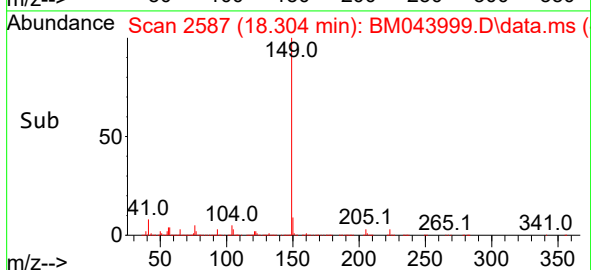
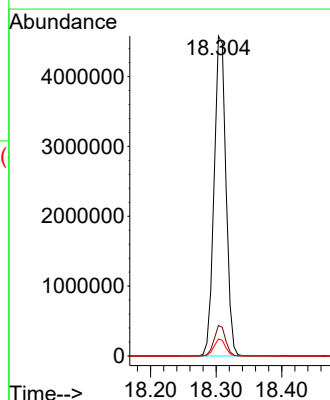
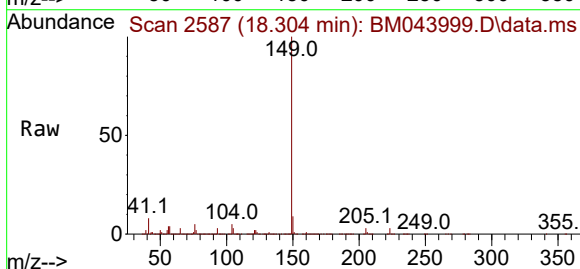
Tgt Ion:149 Resp: 5737655

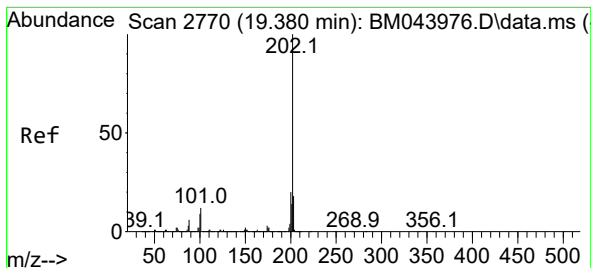
Ion Ratio Lower Upper

149 100

150 9.5 7.4 11.0

104 5.3 4.1 6.1





#75

Fluoranthene

Concen: 38.818 ng

RT: 19.380 min Scan# 21

Delta R.T. -0.000 min

Lab File: BM043999.D

Acq: 06 Feb 2024 20:05

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040EC

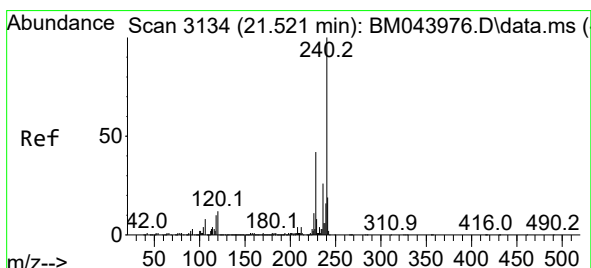
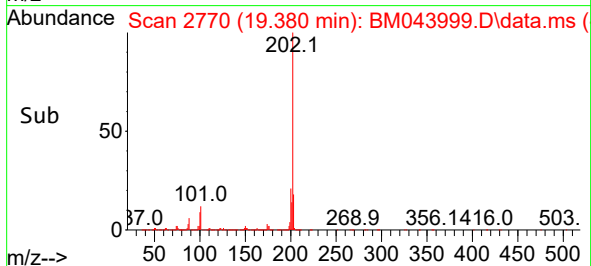
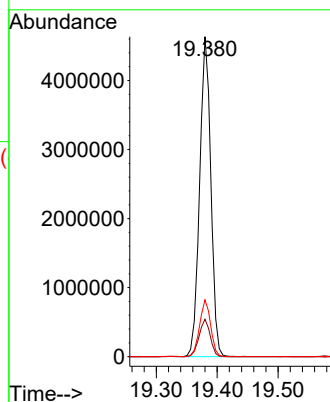
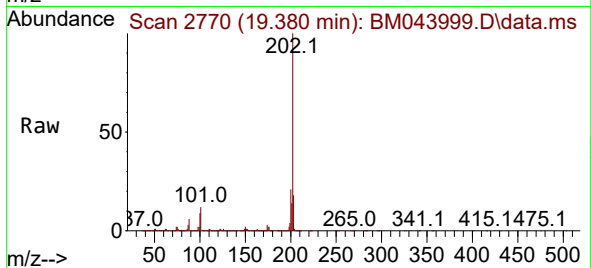
Tgt Ion:202 Resp: 5904185

Ion Ratio Lower Upper

202 100

101 11.7 0.0 31.9

203 17.8 0.0 37.6



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.521 min Scan# 3134

Delta R.T. -0.000 min

Lab File: BM043999.D

Acq: 06 Feb 2024 20:05

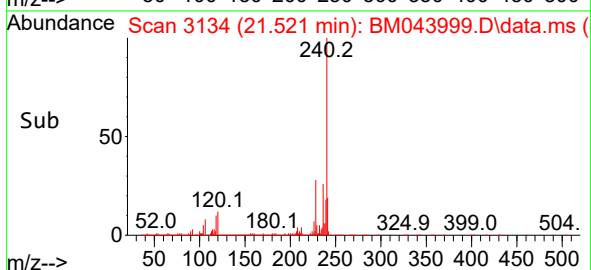
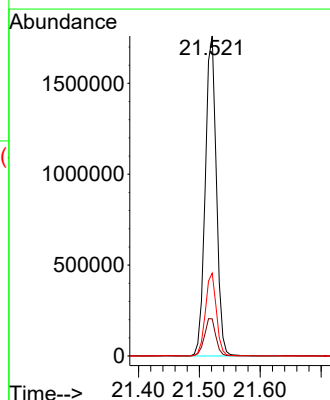
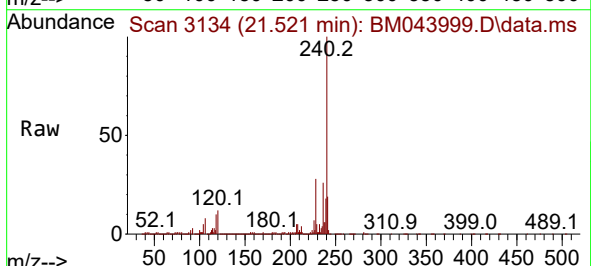
Tgt Ion:240 Resp: 2237925

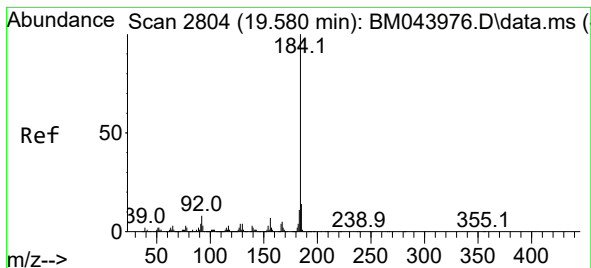
Ion Ratio Lower Upper

240 100

120 11.6 9.3 13.9

236 25.9 20.5 30.7





#77

Benzidine

Concen: 54.174 ng

RT: 19.580 min Scan# 2804

Delta R.T. -0.000 min

Lab File: BM043999.D

Acq: 06 Feb 2024 20:05

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040EC

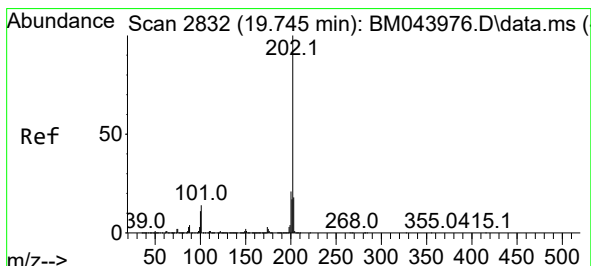
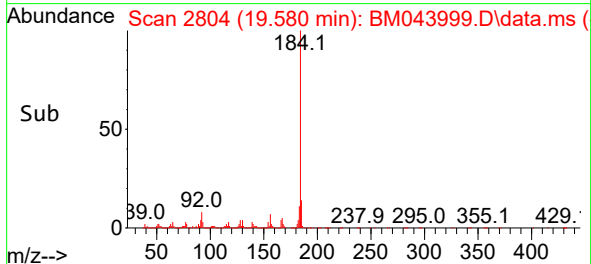
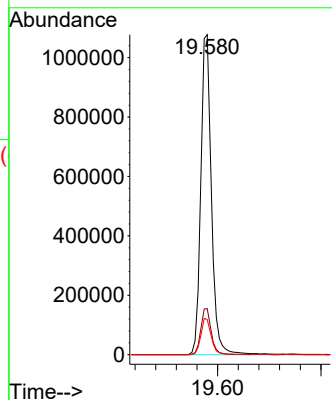
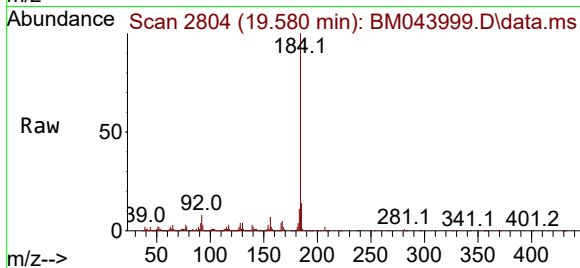
Tgt Ion:184 Resp: 1538228

Ion Ratio Lower Upper

184 100

185 14.4 11.5 17.3

183 11.0 8.9 13.3



#78

Pyrene

Concen: 40.736 ng

RT: 19.745 min Scan# 2832

Delta R.T. -0.000 min

Lab File: BM043999.D

Acq: 06 Feb 2024 20:05

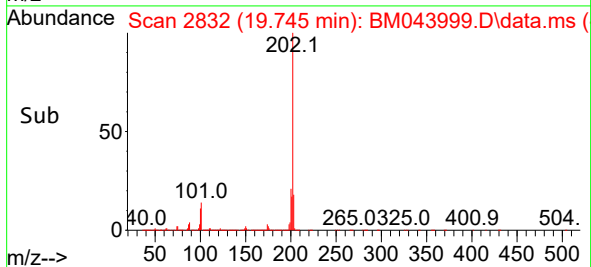
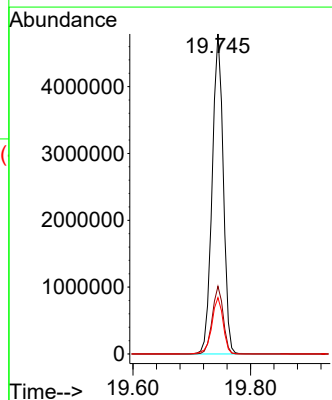
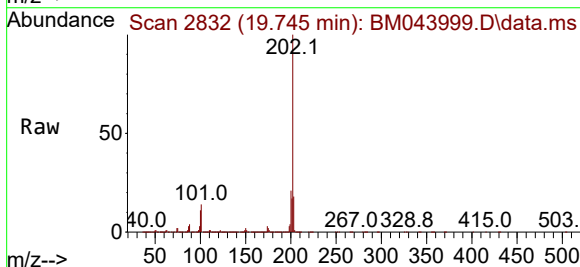
Tgt Ion:202 Resp: 6266587

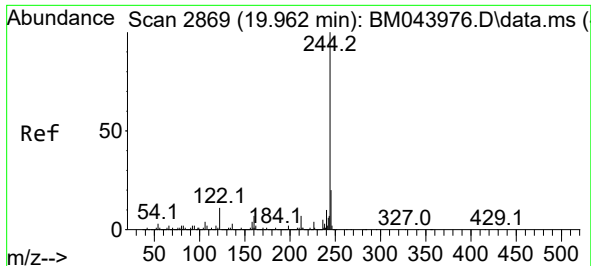
Ion Ratio Lower Upper

202 100

200 21.1 16.8 25.2

203 17.6 14.2 21.4

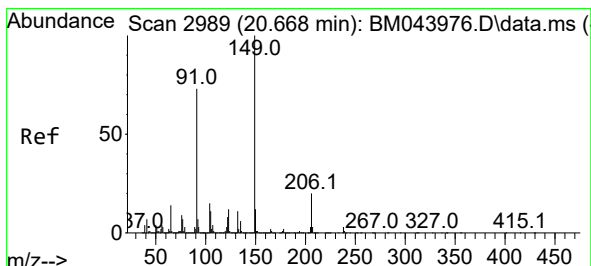
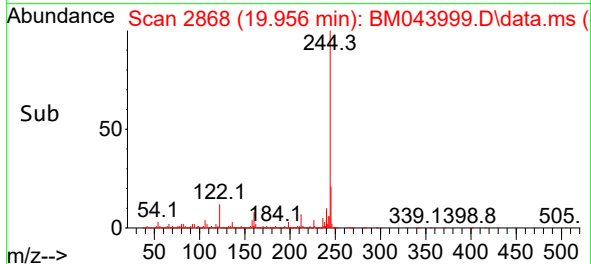
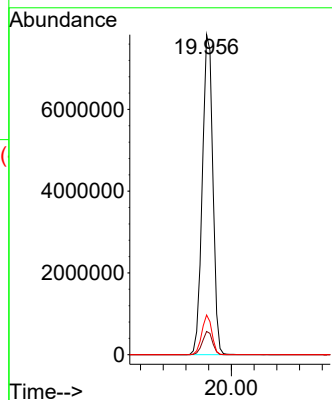
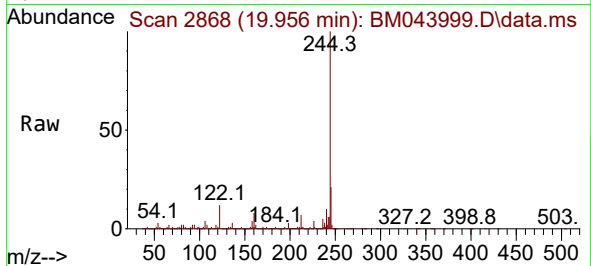




#79
 Terphenyl-d14
 Concen: 86.777 ng
 RT: 19.956 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BM043999.D
 Acq: 06 Feb 2024 20:05

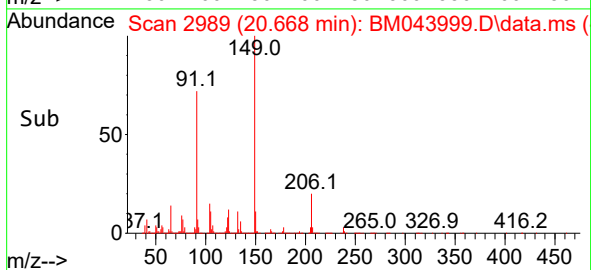
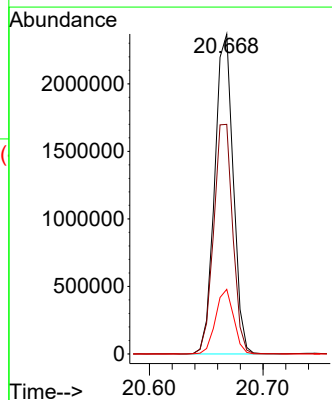
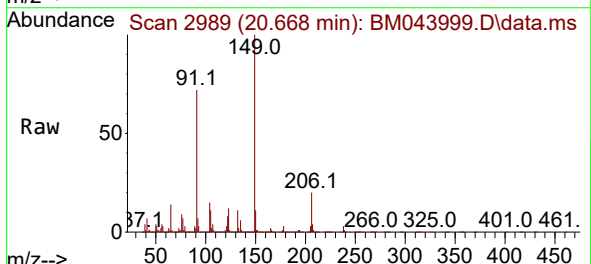
Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC040EC

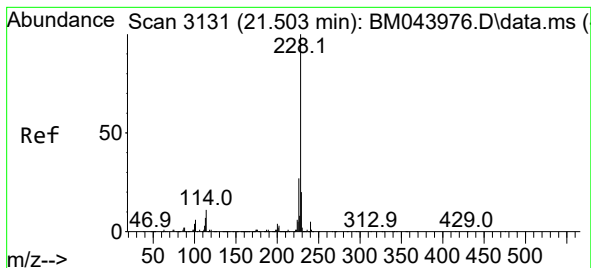
Tgt Ion:244 Resp:10059989
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.5 8.3
 122 12.4 8.7 13.1



#80
 Butylbenzylphthalate
 Concen: 44.041 ng
 RT: 20.668 min Scan# 2989
 Delta R.T. -0.000 min
 Lab File: BM043999.D
 Acq: 06 Feb 2024 20:05

Tgt Ion:149 Resp: 2682757
 Ion Ratio Lower Upper
 149 100
 91 71.7 58.4 87.6
 206 20.2 15.8 23.6





#81

Benzo(a)anthracene

Concen: 39.840 ng

RT: 21.503 min Scan# 3131

Delta R.T. -0.000 min

Lab File: BM043999.D

Acq: 06 Feb 2024 20:05

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040EC

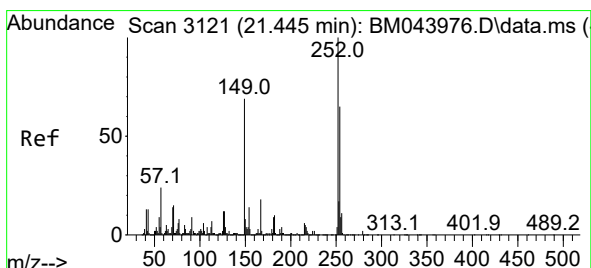
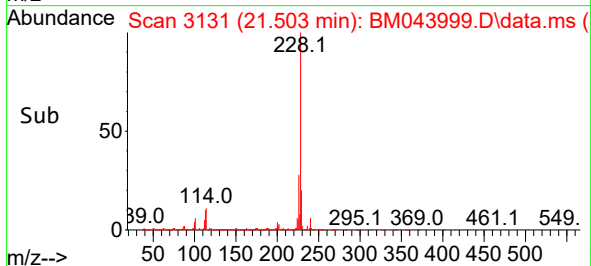
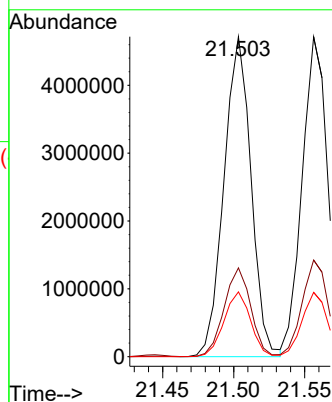
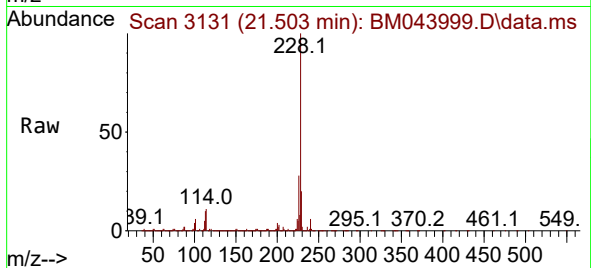
Tgt Ion:228 Resp: 6255047

Ion Ratio Lower Upper

228 100

226 27.8 21.8 32.8

229 20.2 16.1 24.1



#82

3,3'-Dichlorobenzidine

Concen: 40.406 ng

RT: 21.444 min Scan# 3121

Delta R.T. -0.000 min

Lab File: BM043999.D

Acq: 06 Feb 2024 20:05

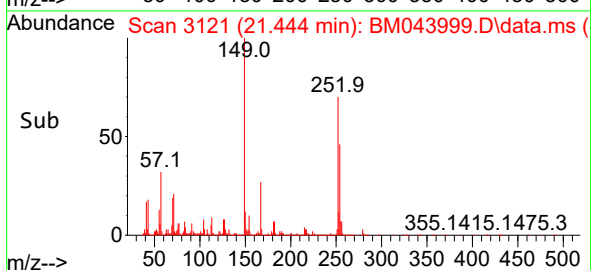
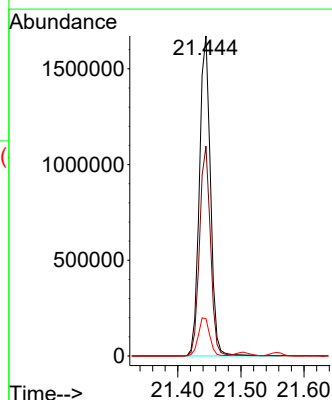
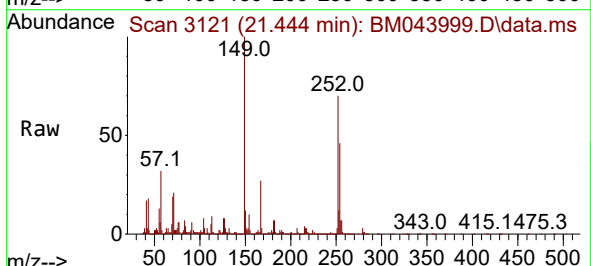
Tgt Ion:252 Resp: 2028483

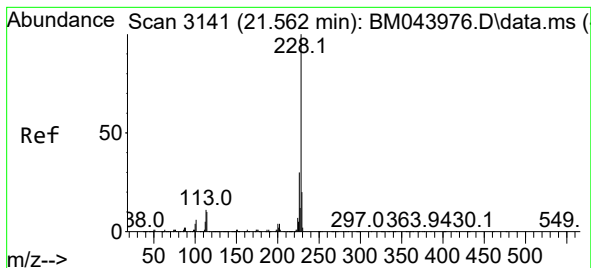
Ion Ratio Lower Upper

252 100

254 65.5 51.6 77.4

126 11.7 9.4 14.2





#83

Chrysene

Concen: 39.365 ng

RT: 21.556 min Scan# 31

Delta R.T. -0.006 min

Lab File: BM043999.D

Acq: 06 Feb 2024 20:05

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040EC

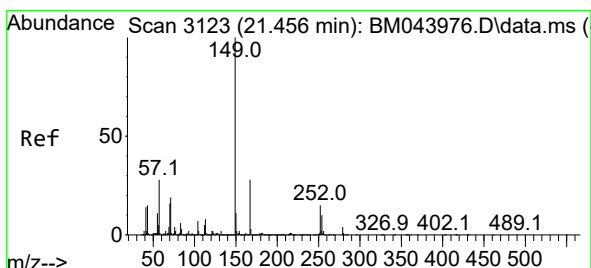
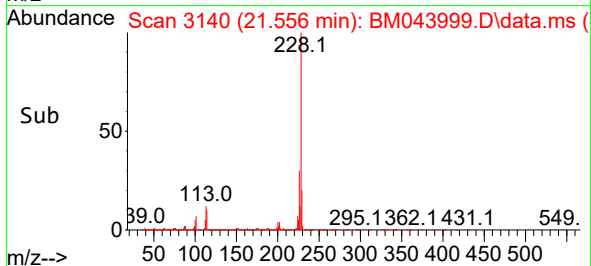
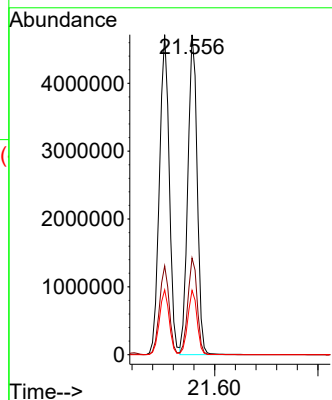
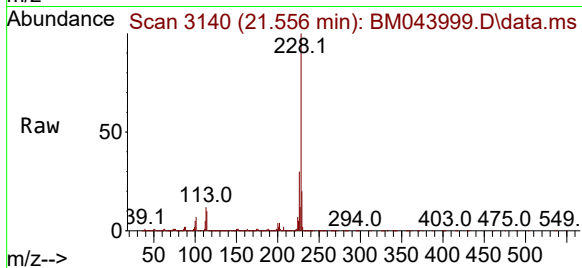
Tgt Ion:228 Resp: 5921227

Ion Ratio Lower Upper

228 100

226 30.2 24.2 36.4

229 20.1 15.8 23.8



#84

Bis(2-ethylhexyl)phthalate

Concen: 45.460 ng

RT: 21.450 min Scan# 3122

Delta R.T. -0.006 min

Lab File: BM043999.D

Acq: 06 Feb 2024 20:05

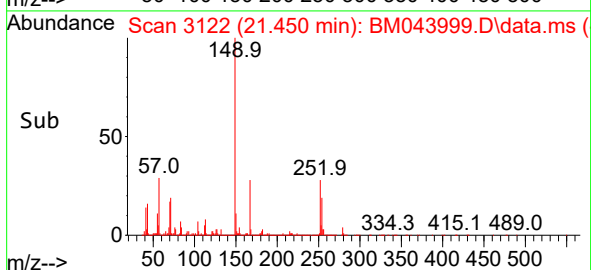
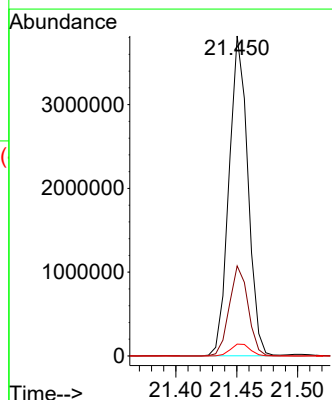
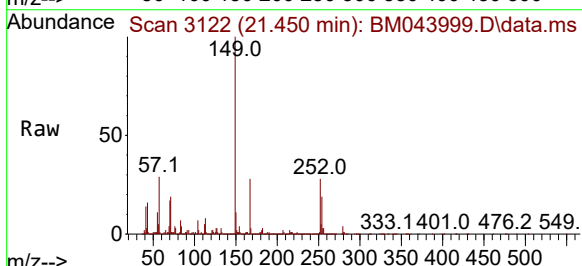
Tgt Ion:149 Resp: 4118123

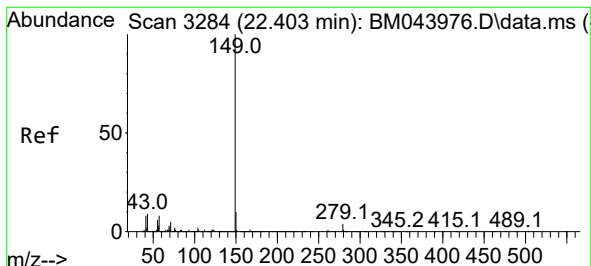
Ion Ratio Lower Upper

149 100

167 28.2 22.0 33.0

279 3.7 3.1 4.7





#85

Di-n-octyl phthalate

Concen: 44.832 ng

RT: 22.397 min Scan# 31

Delta R.T. -0.006 min

Lab File: BM043999.D

Acq: 06 Feb 2024 20:05

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040EC

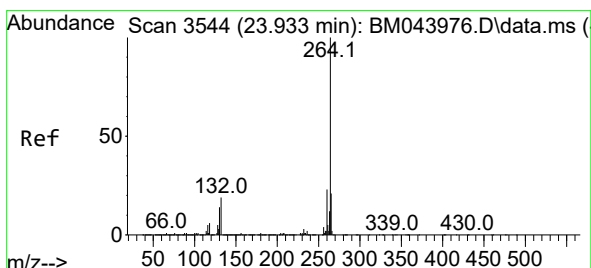
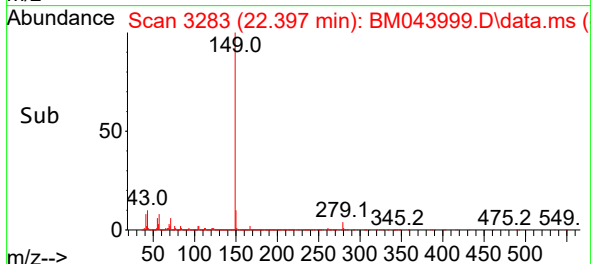
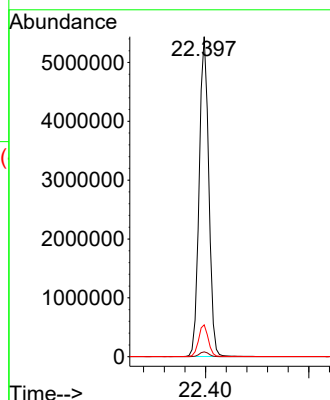
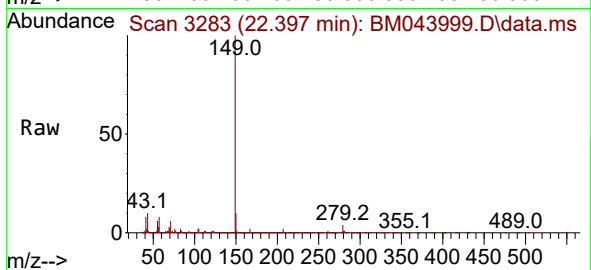
Tgt Ion:149 Resp: 6996180

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

43 10.1 7.9 11.9



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.927 min Scan# 3543

Delta R.T. -0.006 min

Lab File: BM043999.D

Acq: 06 Feb 2024 20:05

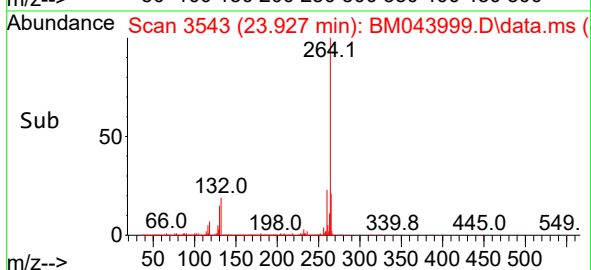
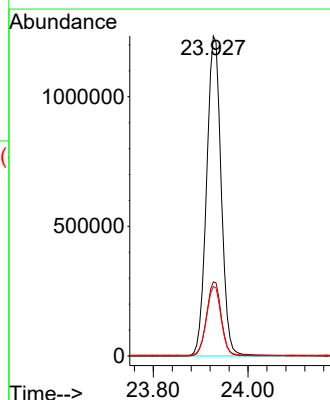
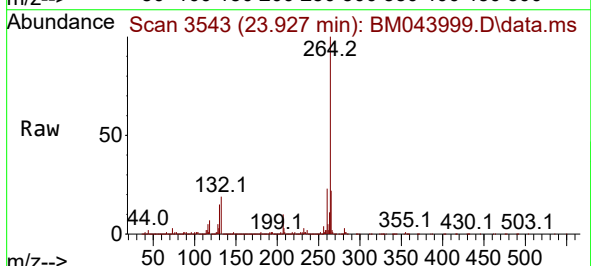
Tgt Ion:264 Resp: 2639520

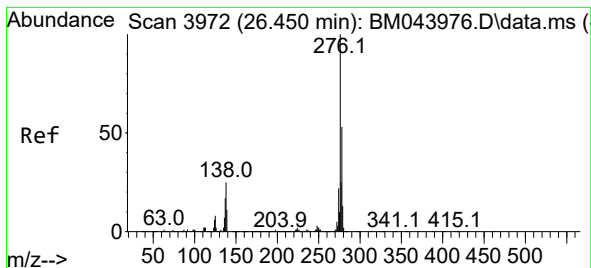
Ion Ratio Lower Upper

264 100

260 23.2 18.6 28.0

265 21.7 17.2 25.8





#87

Indeno(1,2,3-cd)pyrene

Concen: 37.873 ng

RT: 26.438 min Scan# 3970

Delta R.T. -0.012 min

Lab File: BM043999.D

Acq: 06 Feb 2024 20:05

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040EC

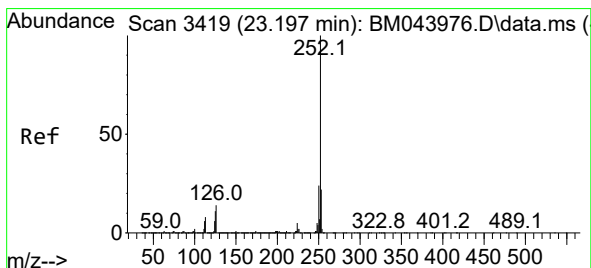
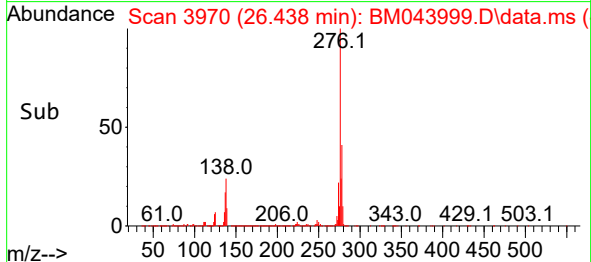
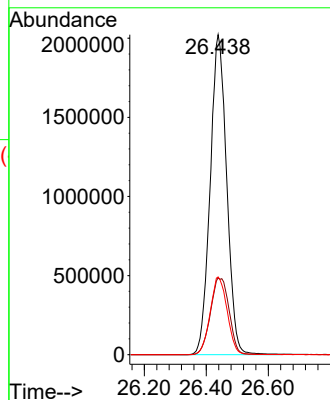
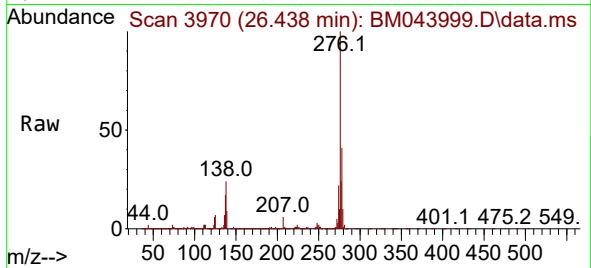
Tgt Ion:276 Resp: 7480189

Ion Ratio Lower Upper

276 100

138 27.1 21.8 32.6

277 25.1 19.9 29.9



#88

Benzo(b)fluoranthene

Concen: 39.284 ng

RT: 23.197 min Scan# 3419

Delta R.T. -0.000 min

Lab File: BM043999.D

Acq: 06 Feb 2024 20:05

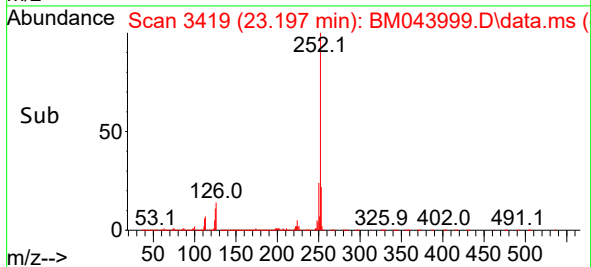
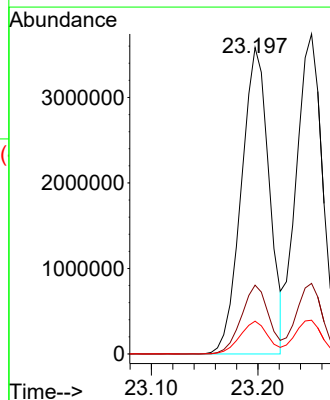
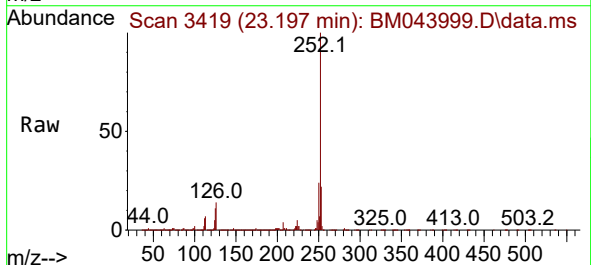
Tgt Ion:252 Resp: 6522467

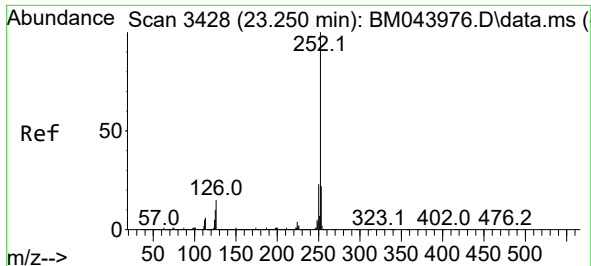
Ion Ratio Lower Upper

252 100

253 22.5 17.7 26.5

125 10.7 9.0 13.6

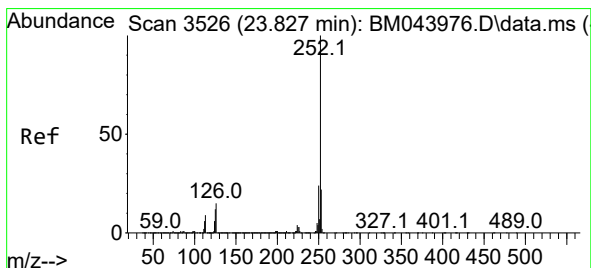
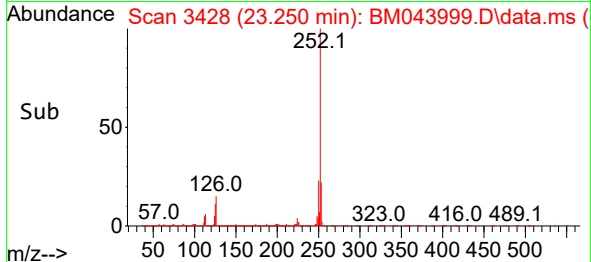
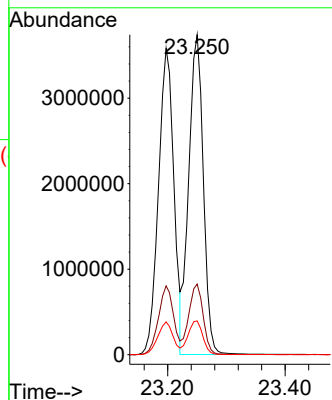
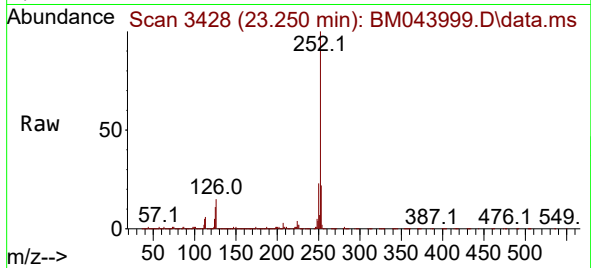




#89
Benzo(k)fluoranthene
Concen: 40.308 ng
RT: 23.250 min Scan# 34
Delta R.T. -0.000 min
Lab File: BM043999.D
Acq: 06 Feb 2024 20:05

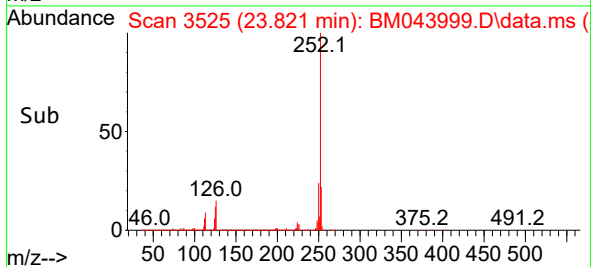
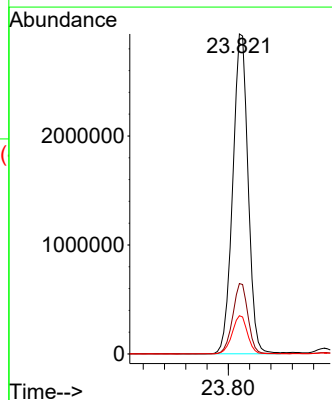
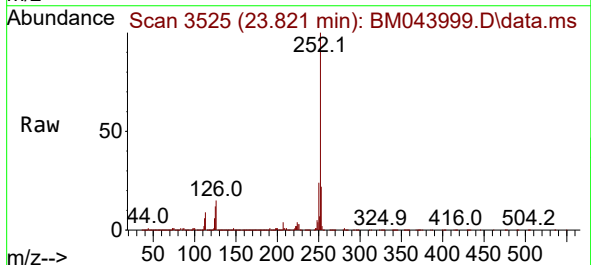
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040EC

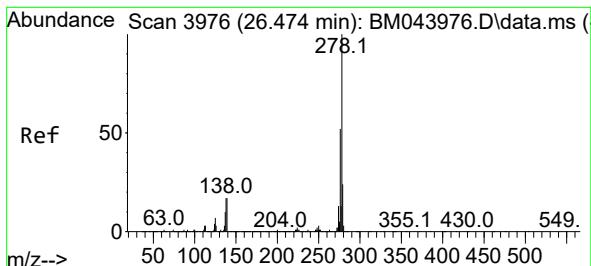
Tgt Ion:252 Resp: 6420786
Ion Ratio Lower Upper
252 100
253 22.1 17.4 26.2
125 10.5 8.3 12.5



#90
Benzo(a)pyrene
Concen: 39.971 ng
RT: 23.821 min Scan# 3525
Delta R.T. -0.006 min
Lab File: BM043999.D
Acq: 06 Feb 2024 20:05

Tgt Ion:252 Resp: 5866097
Ion Ratio Lower Upper
252 100
253 22.0 17.7 26.5
125 12.0 9.4 14.2





#91

Dibenzo(a,h)anthracene

Concen: 38.031 ng

RT: 26.468 min Scan# 3975

Delta R.T. -0.006 min

Lab File: BM043999.D

Acq: 06 Feb 2024 20:05

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040EC

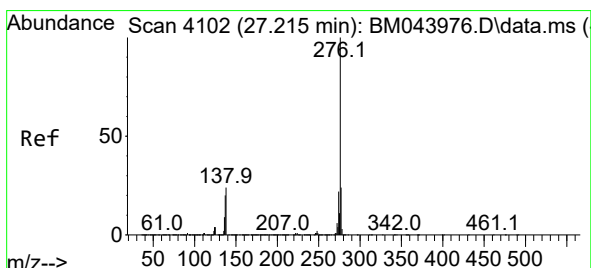
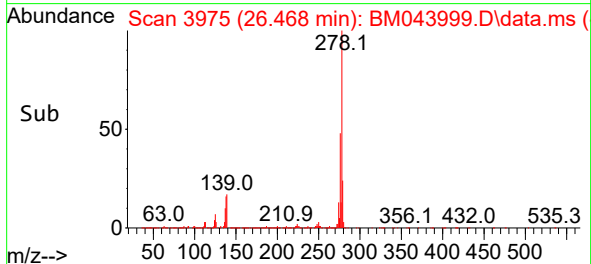
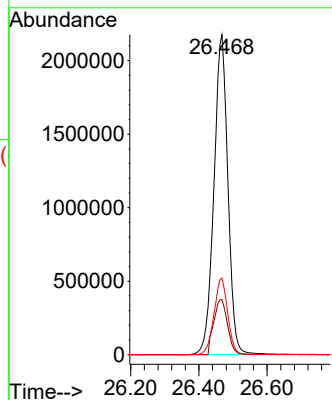
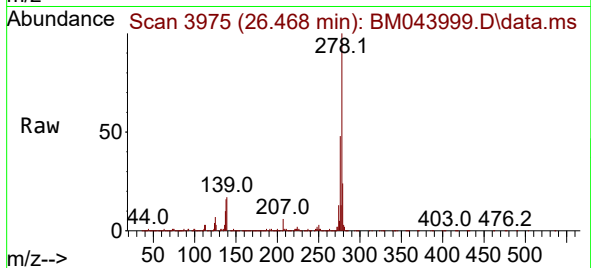
Tgt Ion:278 Resp: 6194753

Ion Ratio Lower Upper

278 100

139 17.2 13.7 20.5

279 23.9 19.3 28.9



#92

Benzo(g,h,i)perylene

Concen: 36.686 ng

RT: 27.209 min Scan# 4101

Delta R.T. -0.006 min

Lab File: BM043999.D

Acq: 06 Feb 2024 20:05

Tgt Ion:276 Resp: 6095117

Ion Ratio Lower Upper

276 100

277 23.5 19.0 28.4

138 23.5 18.8 28.2

