

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041825\
 Data File : BM049960.D
 Acq On : 18 Apr 2025 11:05
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC040

Quant Time: Apr 18 11:54:32 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM040825.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 09 04:00:55 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.769	152	435552	20.000	ng	-0.01
21) Naphthalene-d8	10.563	136	1415185	20.000	ng	-0.01
39) Acenaphthene-d10	14.410	164	851595	20.000	ng	-0.01
64) Phenanthrene-d10	17.156	188	1575892	20.000	ng	0.00
76) Chrysene-d12	21.397	240	1471772	20.000	ng	0.00
86) Perylene-d12	24.391	264	1474242	20.000	ng	-0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.357	112	1931781	75.314	ng	0.00
7) Phenol-d6	6.951	99	2376678	74.474	ng	0.00
23) Nitrobenzene-d5	8.928	82	2002507	78.795	ng	0.00
42) 2,4,6-Tribromophenol	15.904	330	932090	75.249	ng	0.00
45) 2-Fluorobiphenyl	13.033	172	5089374	81.039	ng	-0.01
79) Terphenyl-d14	19.780	244	6904828	87.921	ng	-0.01

Target Compounds					Qvalue
2) 1,4-Dioxane	3.257	88	392924	37.197	ng 98
3) Pyridine	3.657	79	994035	35.816	ng 100
4) n-Nitrosodimethylamine	3.563	42	408429	38.669	ng 96
6) Aniline	7.098	93	966755	35.353	ng 99
8) 2-Chlorophenol	7.339	128	987992	37.586	ng 99
9) Benzaldehyde	6.910	77	647982	39.567	ng 97
10) Phenol	6.975	94	1145725	36.790	ng 99
11) bis(2-Chloroethyl)ether	7.192	93	948066	38.821	ng 99
12) 1,3-Dichlorobenzene	7.657	146	1185675	38.152	ng 99
13) 1,4-Dichlorobenzene	7.804	146	1183282	37.841	ng 99
14) 1,2-Dichlorobenzene	8.122	146	1117392	37.938	ng 100
15) Benzyl Alcohol	8.010	79	714222	35.541	ng 99
16) 2,2'-oxybis(1-Chloropr...	8.298	45	1043135	38.322	ng 99
17) 2-Methylphenol	8.222	107	699178	36.432	ng 99
18) Hexachloroethane	8.845	117	411969	37.868	ng 96
19) n-Nitroso-di-n-propyla...	8.575	70	653457	36.970	ng 99
20) 3+4-Methylphenols	8.551	107	949153	36.277	ng 98
22) Acetophenone	8.592	105	1320360	38.390	ng # 99
24) Nitrobenzene	8.969	77	943172	38.542	ng 98
25) Isophorone	9.492	82	1598251	37.541	ng 99
26) 2-Nitrophenol	9.675	139	509910	39.314	ng 99
27) 2,4-Dimethylphenol	9.745	122	561227	38.181	ng 99
28) bis(2-Chloroethoxy)met...	9.975	93	1098922	38.556	ng 99
29) 2,4-Dichlorophenol	10.222	162	927783	37.972	ng 99
30) 1,2,4-Trichlorobenzene	10.427	180	1115238	39.455	ng 99
31) Naphthalene	10.610	128	2801398	38.524	ng 99
32) Benzoic acid	9.904	122	551422m	33.420	ng
33) 4-Chloroaniline	10.722	127	902285	35.139	ng 99
34) Hexachlorobutadiene	10.898	225	709345	40.570	ng 99
35) Caprolactam	11.510	113	227752	32.500	ng 97
36) 4-Chloro-3-methylphenol	11.863	107	780116	36.450	ng 100
37) 2-Methylnaphthalene	12.227	142	1964723	38.348	ng 99
38) 1-Methylnaphthalene	12.445	142	1900729	38.080	ng 100
40) 1,2,4,5-Tetrachloroben...	12.598	216	1210974	40.647	ng 99
41) Hexachlorocyclopentadiene	12.580	237	386034	36.978	ng 99
43) 2,4,6-Trichlorophenol	12.845	196	745076	39.301	ng 98

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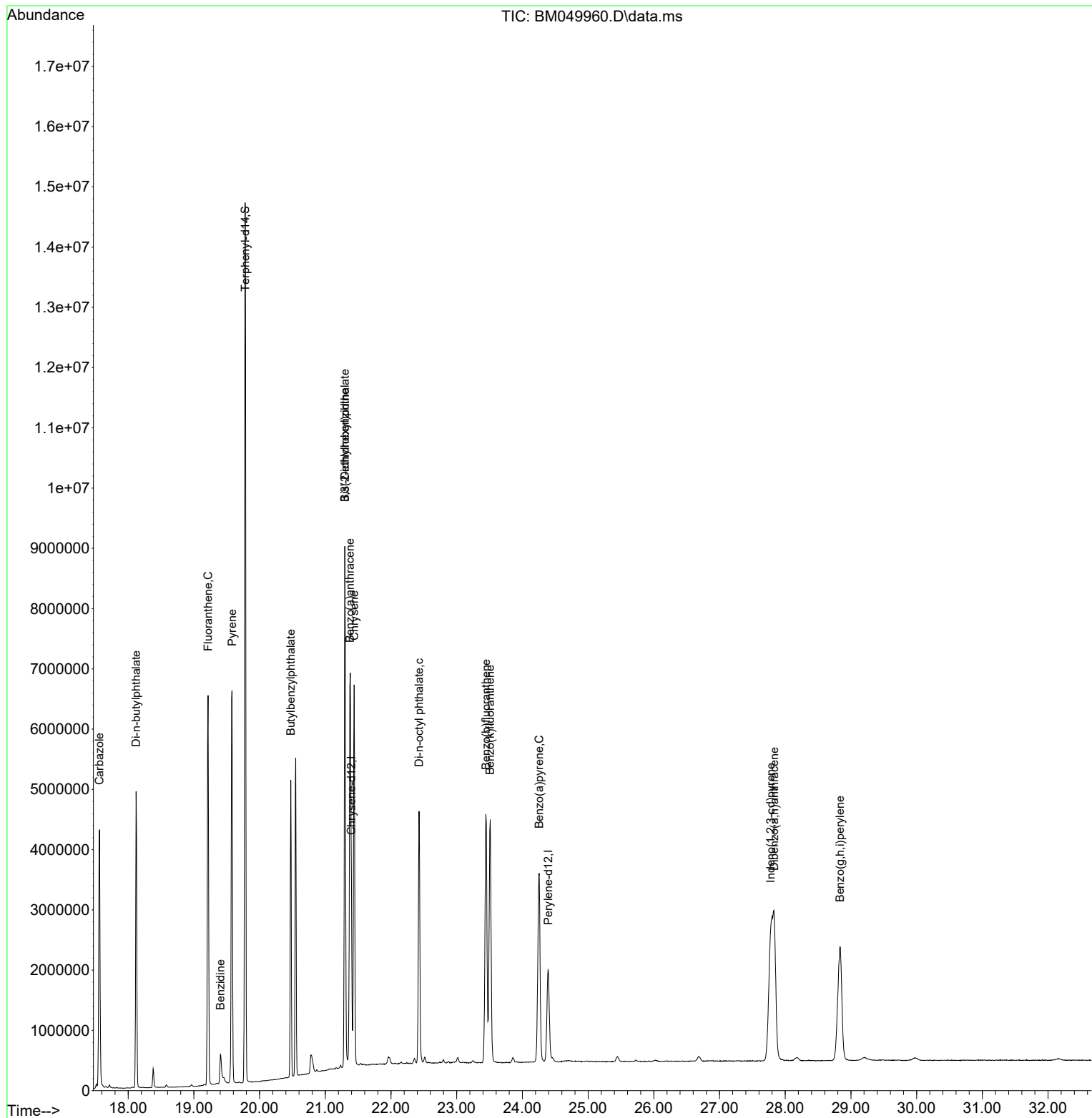
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.927	196	792293	38.457	ng	99
46) 1,1'-Biphenyl	13.245	154	2499029	39.476	ng	99
47) 2-Chloronaphthalene	13.286	162	1948879	39.168	ng	99
48) 2-Nitroaniline	13.492	65	445265	38.682	ng	96
49) Acenaphthylene	14.133	152	2813773	38.822	ng	100
50) Dimethylphthalate	13.868	163	2260822	37.631	ng	99
51) 2,6-Dinitrotoluene	13.986	165	486398	38.642	ng	100
52) Acenaphthene	14.474	154	1768520	38.361	ng	99
53) 3-Nitroaniline	14.321	138	445740	36.639	ng	95
54) 2,4-Dinitrophenol	14.533	184	260268	33.198	ng	98
55) Dibenzofuran	14.810	168	2938603	38.129	ng	99
56) 4-Nitrophenol	14.662	139	350592	32.339	ng	99
57) 2,4-Dinitrotoluene	14.780	165	648074	38.593	ng	98
58) Fluorene	15.462	166	2318240	37.842	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.045	232	660325	36.569	ng	98
60) Diethylphthalate	15.233	149	2134354	37.045	ng	99
61) 4-Chlorophenyl-phenyle...	15.451	204	1287504	39.200	ng	98
62) 4-Nitroaniline	15.486	138	443560	35.256	ng	99
63) Azobenzene	15.745	77	1844966	37.403	ng	99
65) 4,6-Dinitro-2-methylph...	15.545	198	379379	38.203	ng	97
66) n-Nitrosodiphenylamine	15.668	169	1863828	39.521	ng	100
67) 4-Bromophenyl-phenylether	16.345	248	749612	40.975	ng	97
68) Hexachlorobenzene	16.468	284	832935	39.694	ng	99
69) Atrazine	16.621	200	431183	35.262	ng	99
70) Pentachlorophenol	16.815	266	533542	34.536	ng	99
71) Phenanthrene	17.198	178	3364972	38.948	ng	100
72) Anthracene	17.286	178	3314212	38.926	ng	99
73) Carbazole	17.562	167	2974986	37.098	ng	99
74) Di-n-butylphthalate	18.121	149	3471451	37.583	ng	100
75) Fluoranthene	19.215	202	3972091	37.392	ng	99
77) Benzidine	19.403	184	520010	26.633	ng	100
78) Pyrene	19.580	202	4117230	40.591	ng	99
80) Butylbenzylphthalate	20.474	149	1452507	38.110	ng	98
81) Benzo(a)anthracene	21.374	228	3804085	38.891	ng	100
82) 3,3'-Dichlorobenzidine	21.297	252	1282611	34.723	ng	100
83) Chrysene	21.439	228	3566630	38.354	ng	100
84) Bis(2-ethylhexyl)phtha...	21.297	149	2117603	38.135	ng	99
85) Di-n-octyl phthalate	22.427	149	3506750	36.098	ng	100
87) Indeno(1,2,3-cd)pyrene	27.779	276	4243760	38.618	ng	99
88) Benzo(b)fluoranthene	23.444	252	3689099	39.181	ng	100
89) Benzo(k)fluoranthene	23.509	252	3649902	40.002	ng	100
90) Benzo(a)pyrene	24.256	252	3241784	39.182	ng	98
91) Dibenzo(a,h)anthracene	27.832	278	3466473	38.297	ng	99
92) Benzo(g,h,i)perylene	28.832	276	3507107	37.916	ng	99

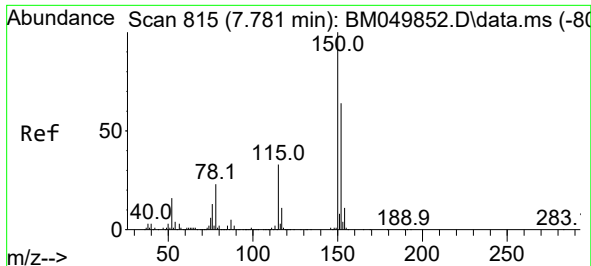
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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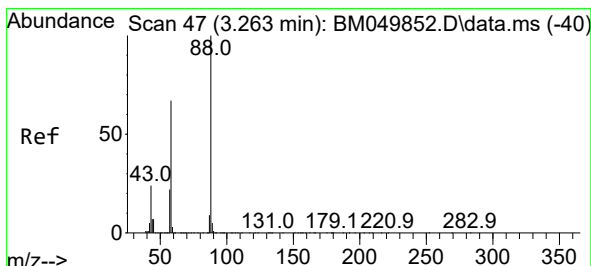
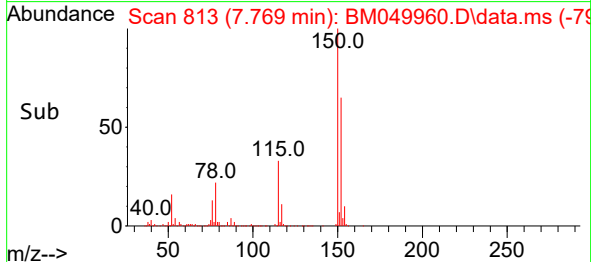
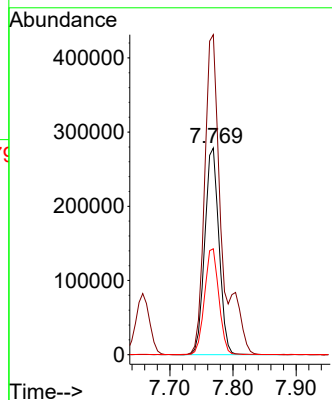
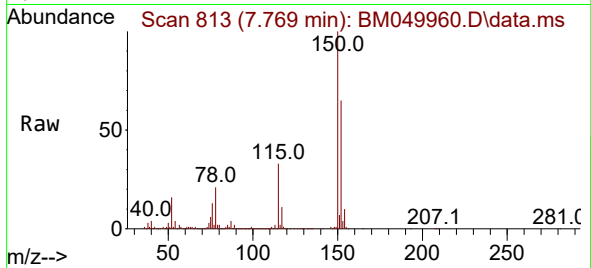




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.769 min Scan# 815
Delta R.T. -0.012 min
Lab File: BM049960.D
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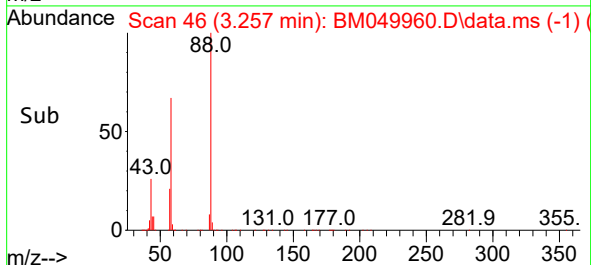
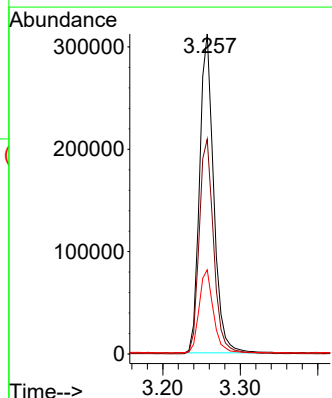
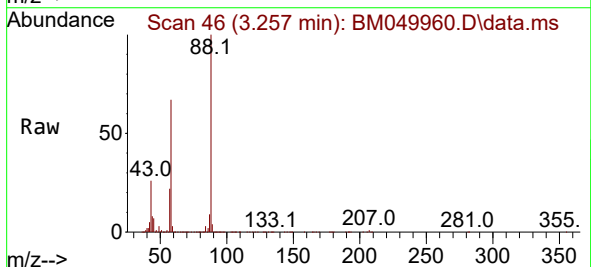
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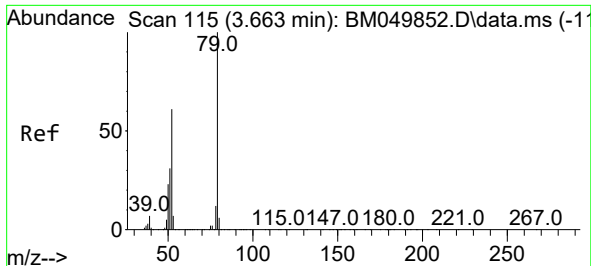
Tgt Ion:152 Resp: 435552
Ion Ratio Lower Upper
152 100
150 154.8 124.3 186.5
115 51.3 41.1 61.7



#2
1,4-Dioxane
Concen: 37.197 ng
RT: 3.257 min Scan# 46
Delta R.T. -0.006 min
Lab File: BM049960.D
Acq: 18 Apr 2025 11:05

Tgt Ion: 88 Resp: 392924
Ion Ratio Lower Upper
88 100
58 69.3 54.1 81.1
43 26.4 20.2 30.4

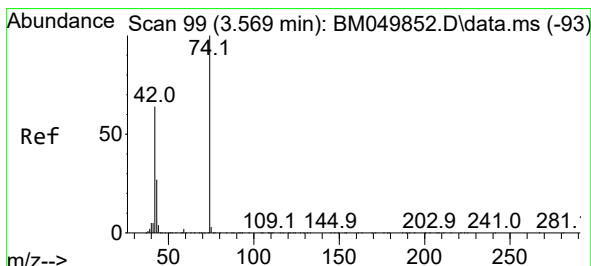
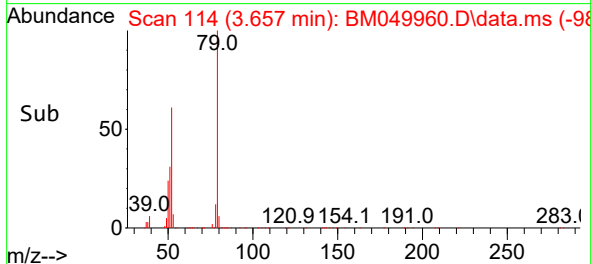
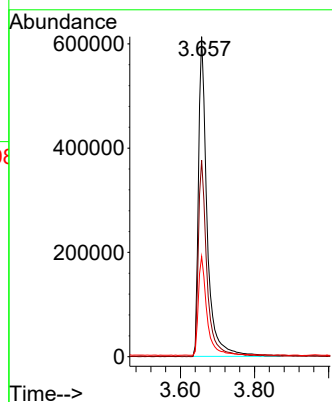
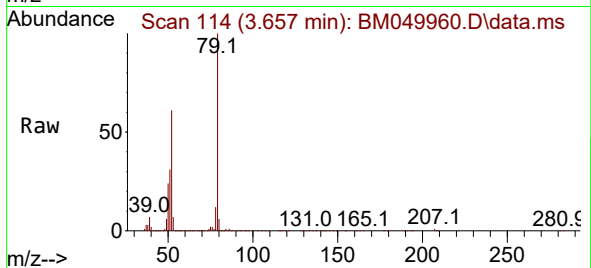




#3
Pyridine
Concen: 35.816 ng
RT: 3.657 min Scan# 115
Delta R.T. -0.006 min
Lab File: BM049960.D
Acq: 18 Apr 2025 11:05

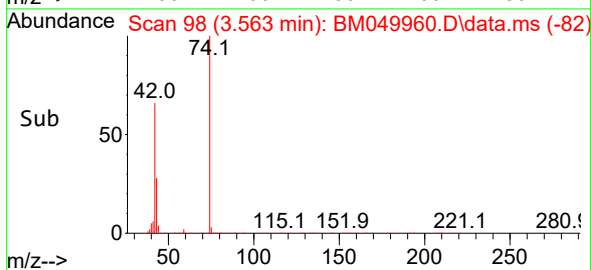
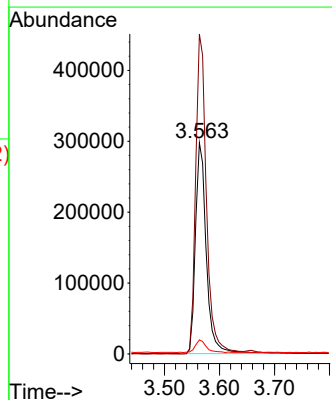
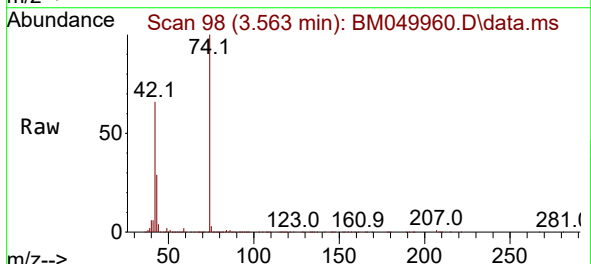
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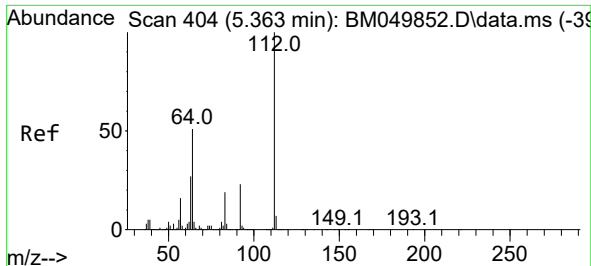
Tgt Ion: 79 Resp: 994035
Ion Ratio Lower Upper
79 100
52 61.4 48.9 73.3
51 31.3 25.0 37.6



#4
n-Nitrosodimethylamine
Concen: 38.669 ng
RT: 3.563 min Scan# 98
Delta R.T. -0.006 min
Lab File: BM049960.D
Acq: 18 Apr 2025 11:05

Tgt Ion: 42 Resp: 408429
Ion Ratio Lower Upper
42 100
74 151.5 125.4 188.2
44 6.7 5.9 8.9

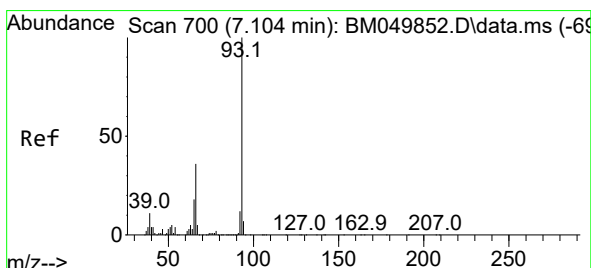
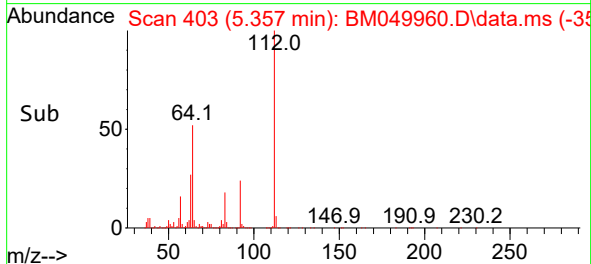
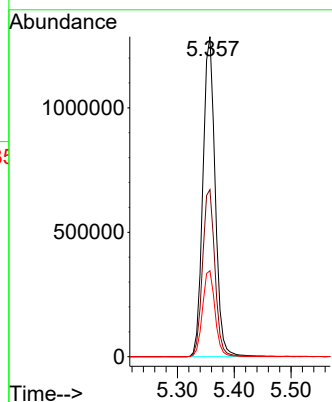
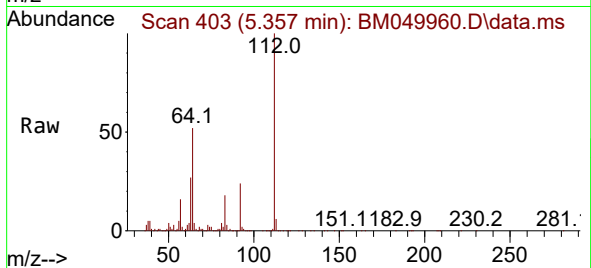




#5
2-Fluorophenol
Concen: 75.314 ng
RT: 5.357 min Scan# 404
Delta R.T. -0.006 min
Lab File: BM049960.D
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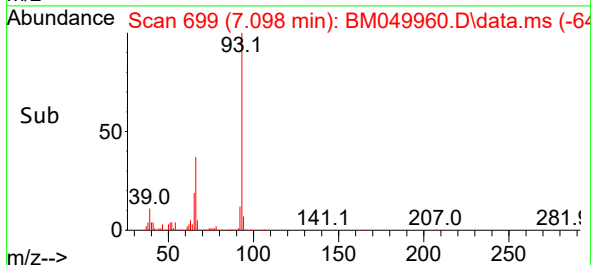
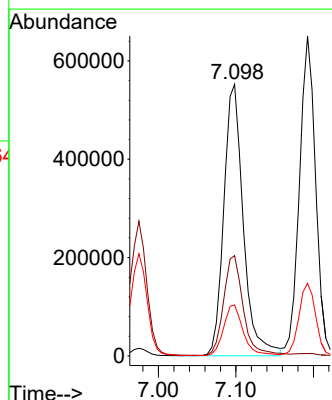
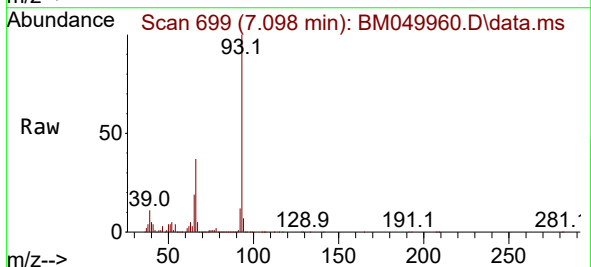
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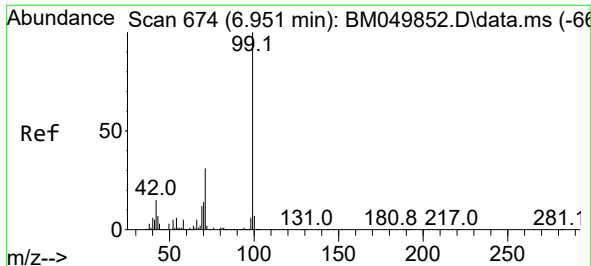
Tgt Ion:112 Resp: 1931781
Ion Ratio Lower Upper
112 100
64 52.2 41.0 61.6
63 26.9 21.5 32.3



#6
Aniline
Concen: 35.353 ng
RT: 7.098 min Scan# 699
Delta R.T. -0.006 min
Lab File: BM049960.D
Acq: 18 Apr 2025 11:05

Tgt Ion: 93 Resp: 966755
Ion Ratio Lower Upper
93 100
66 36.9 29.1 43.7
65 18.8 14.9 22.3

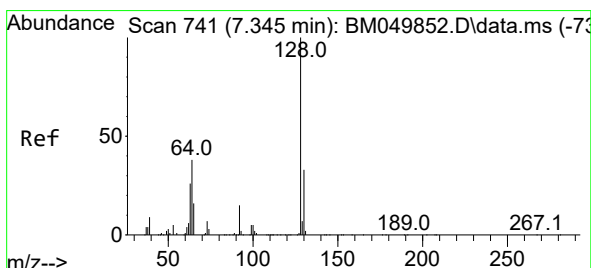
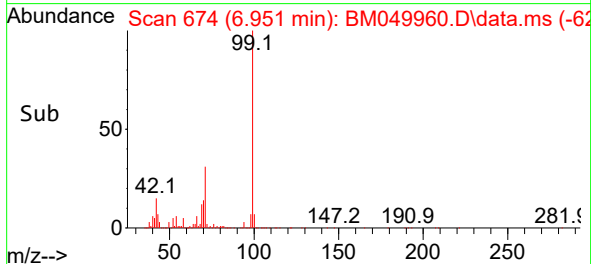
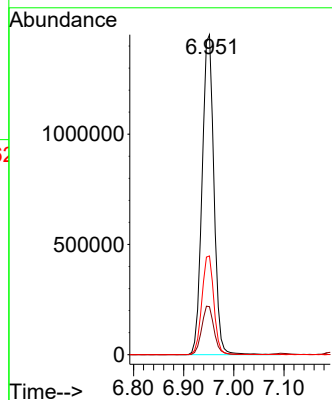
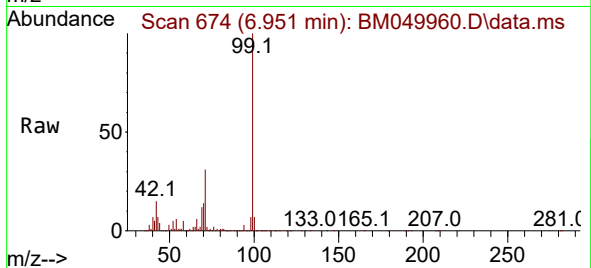




#7
Phenol-d6
Concen: 74.474 ng
RT: 6.951 min Scan# 61
Delta R.T. -0.000 min
Lab File: BM049960.D
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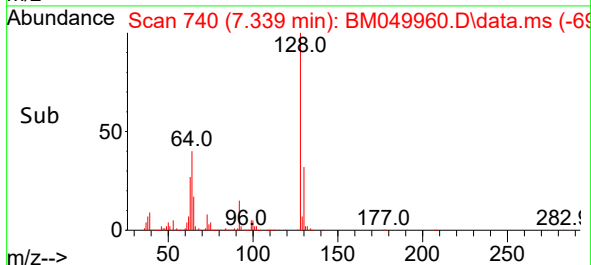
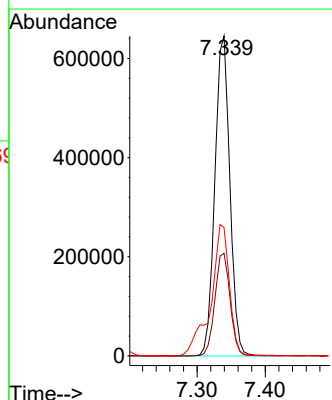
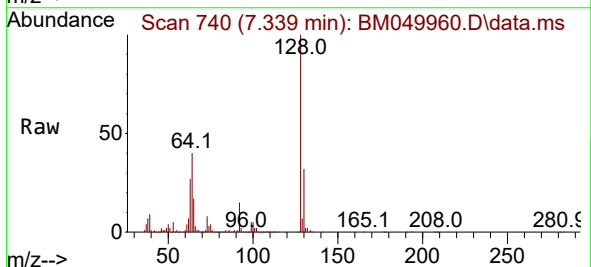
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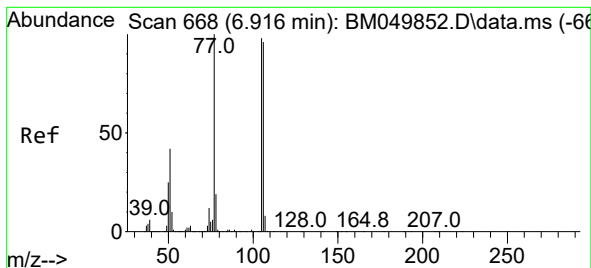
Tgt Ion: 99 Resp: 2376678
Ion Ratio Lower Upper
99 100
42 15.0 12.1 18.1
71 30.9 24.9 37.3



#8
2-Chlorophenol
Concen: 37.586 ng
RT: 7.339 min Scan# 740
Delta R.T. -0.006 min
Lab File: BM049960.D
Acq: 18 Apr 2025 11:05

Tgt Ion: 128 Resp: 987992
Ion Ratio Lower Upper
128 100
130 32.1 12.6 52.6
64 40.2 21.1 61.1

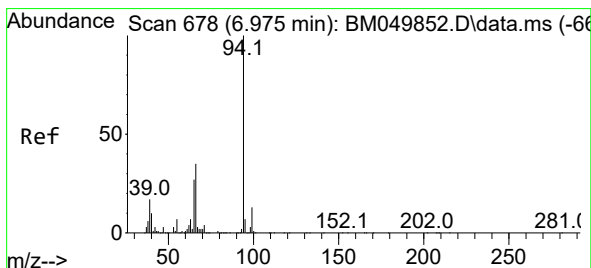
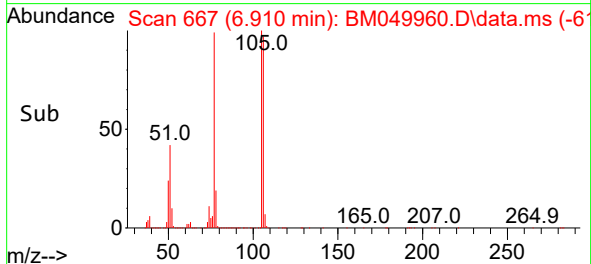
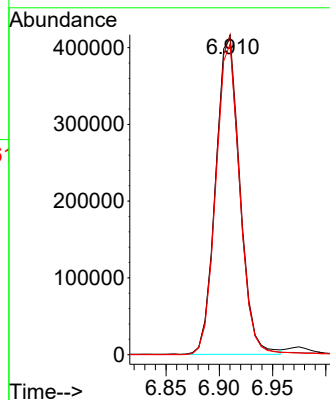
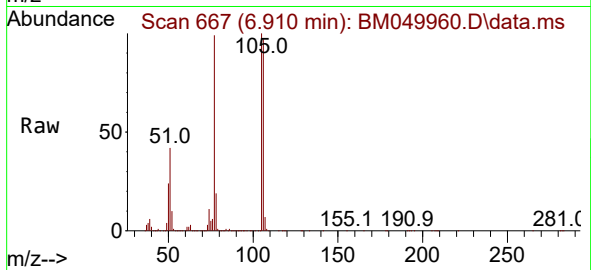




#9
Benzaldehyde
Concen: 39.567 ng
RT: 6.910 min Scan# 668
Delta R.T. -0.006 min
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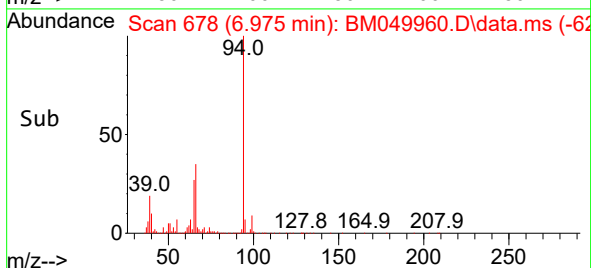
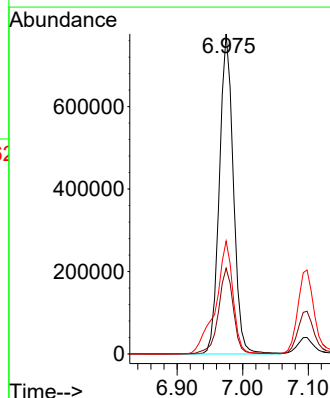
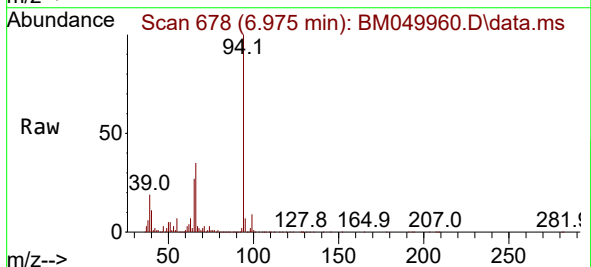
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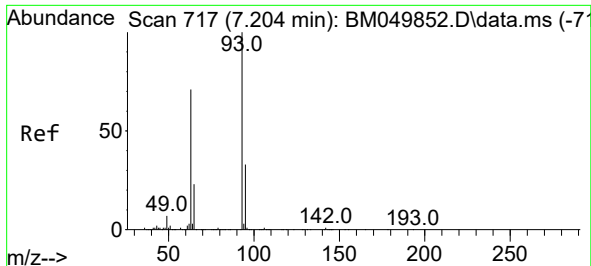
Tgt Ion: 77 Resp: 647982
Ion Ratio Lower Upper
77 100
105 101.2 78.3 118.3
106 98.2 76.0 116.0



#10
Phenol
Concen: 36.790 ng
RT: 6.975 min Scan# 678
Delta R.T. -0.000 min
Lab File: BM049960.D
Acq: 18 Apr 2025 11:05

Tgt Ion: 94 Resp: 1145725
Ion Ratio Lower Upper
94 100
65 26.8 7.3 47.3
66 35.3 14.8 54.8

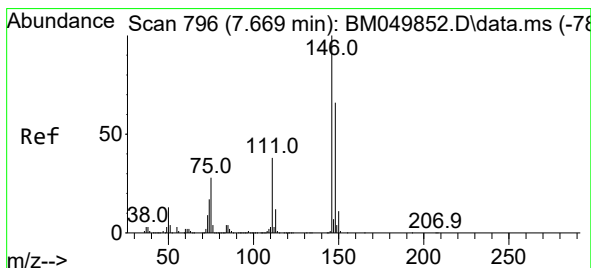
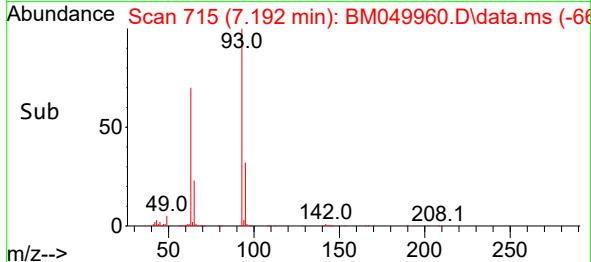
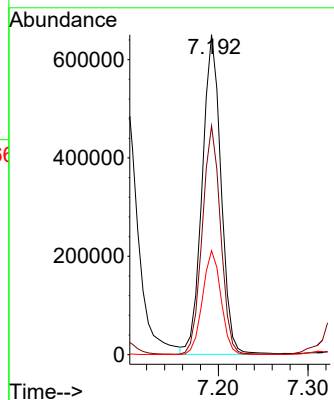
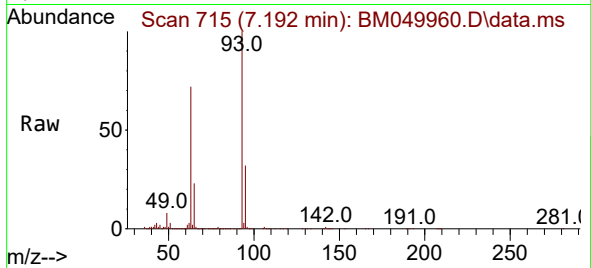




#11
bis(2-Chloroethyl)ether
Concen: 38.821 ng
RT: 7.192 min Scan# 715
Delta R.T. -0.012 min
Lab File: BM049960.D
Acq: 18 Apr 2025 11:05

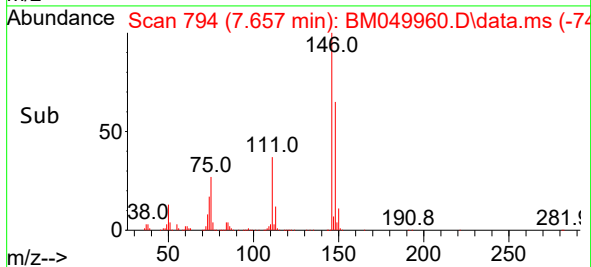
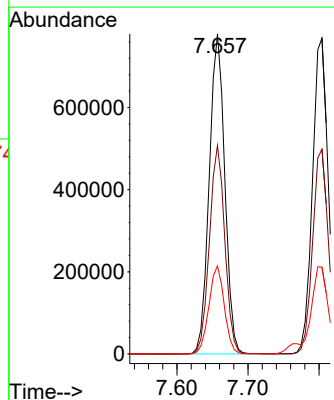
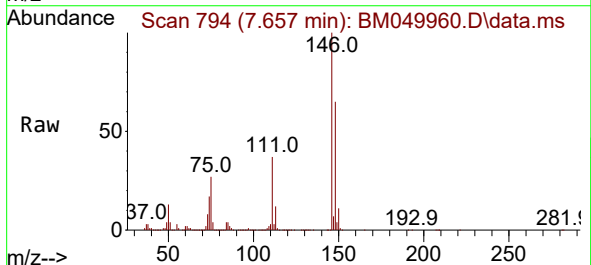
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

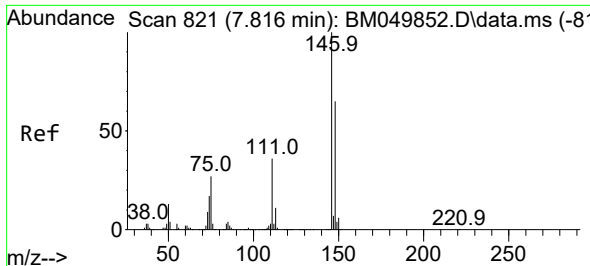
Tgt Ion: 93 Resp: 948066
Ion Ratio Lower Upper
93 100
63 71.5 50.9 90.9
95 32.5 12.6 52.6



#12
1,3-Dichlorobenzene
Concen: 38.152 ng
RT: 7.657 min Scan# 794
Delta R.T. -0.012 min
Lab File: BM049960.D
Acq: 18 Apr 2025 11:05

Tgt Ion:146 Resp: 1185675
Ion Ratio Lower Upper
146 100
148 65.1 52.5 78.7
75 27.5 22.5 33.7

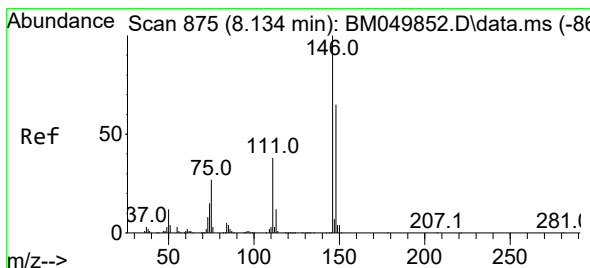
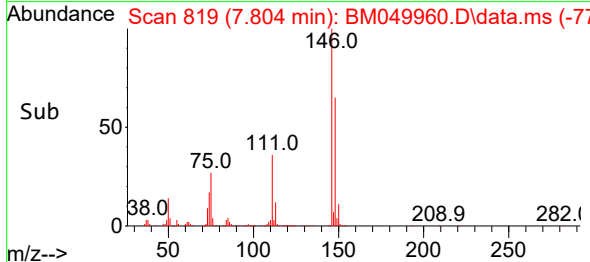
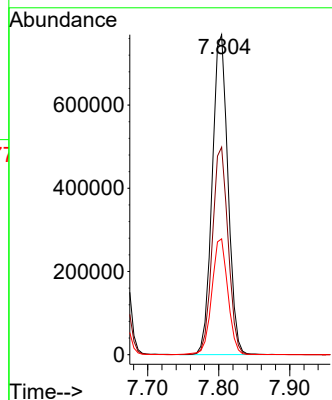
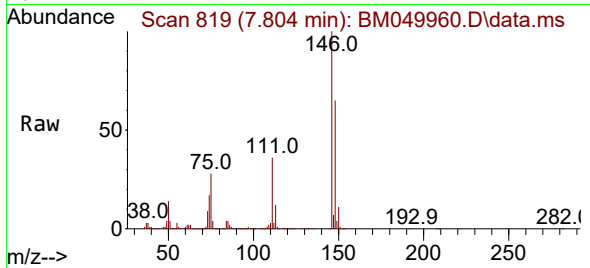




#13
1,4-Dichlorobenzene
Concen: 37.841 ng
RT: 7.804 min Scan# 819
Delta R.T. -0.012 min
Lab File: BM049960.D
Acq: 18 Apr 2025 11:05

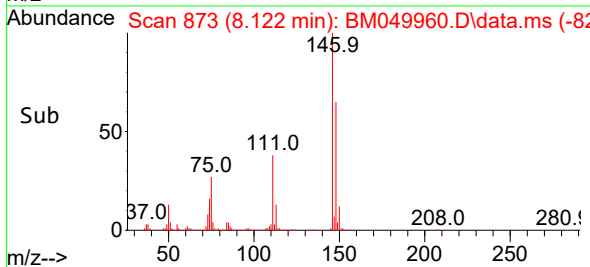
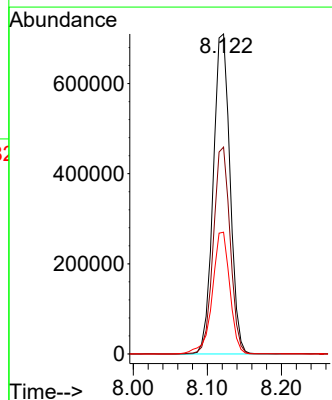
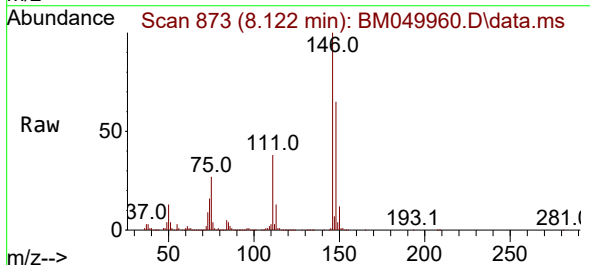
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

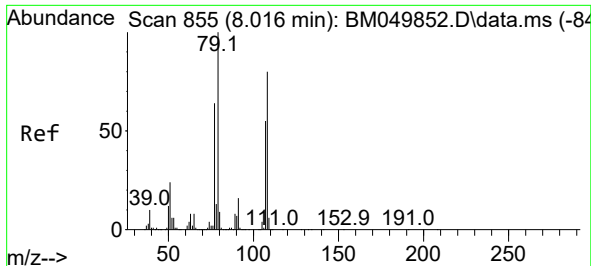
Tgt Ion:146 Resp: 1183282
Ion Ratio Lower Upper
146 100
148 64.8 52.4 78.6
111 36.2 28.5 42.7



#14
1,2-Dichlorobenzene
Concen: 37.938 ng
RT: 8.122 min Scan# 873
Delta R.T. -0.012 min
Lab File: BM049960.D
Acq: 18 Apr 2025 11:05

Tgt Ion:146 Resp: 1117392
Ion Ratio Lower Upper
146 100
148 64.6 51.8 77.8
111 38.1 30.2 45.4

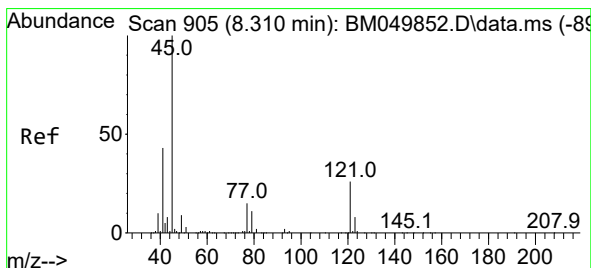
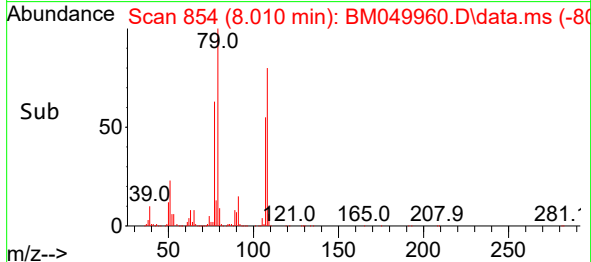
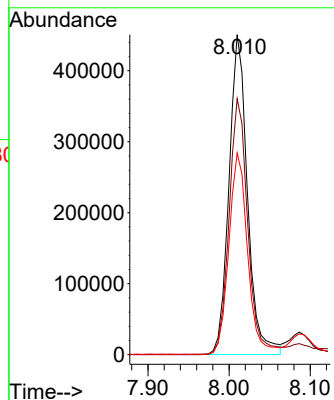
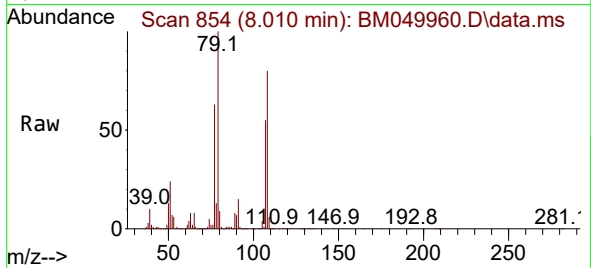




#15
Benzyl Alcohol
Concen: 35.541 ng
RT: 8.010 min Scan# 81
Delta R.T. -0.006 min
Lab File: BM049960.D
Acq: 18 Apr 2025 11:05

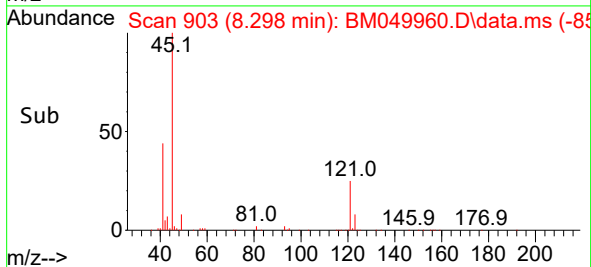
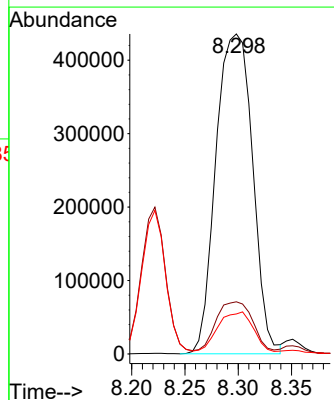
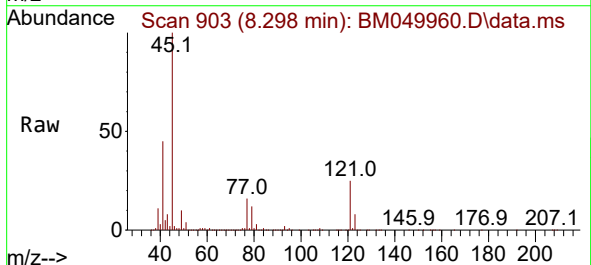
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

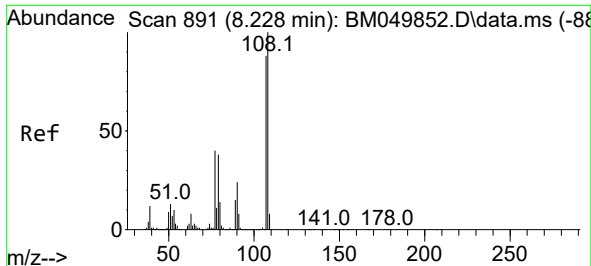
Tgt Ion: 79 Resp: 714222
Ion Ratio Lower Upper
79 100
108 80.0 63.6 95.4
77 63.1 51.3 76.9



#16
2,2'-oxybis(1-Chloropropane)
Concen: 38.322 ng
RT: 8.298 min Scan# 903
Delta R.T. -0.012 min
Lab File: BM049960.D
Acq: 18 Apr 2025 11:05

Tgt Ion: 45 Resp: 1043135
Ion Ratio Lower Upper
45 100
77 16.3 0.0 36.9
79 12.5 0.0 32.9

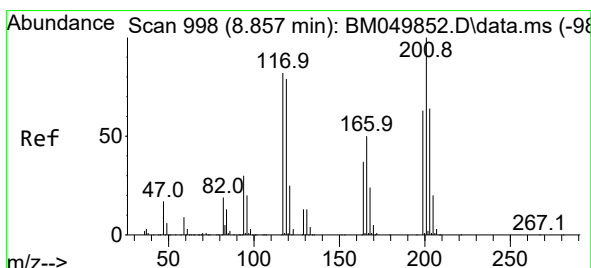
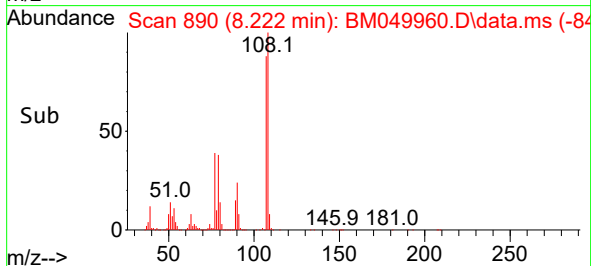
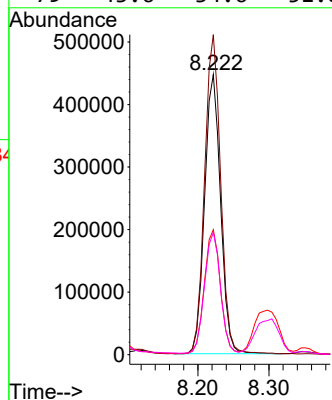
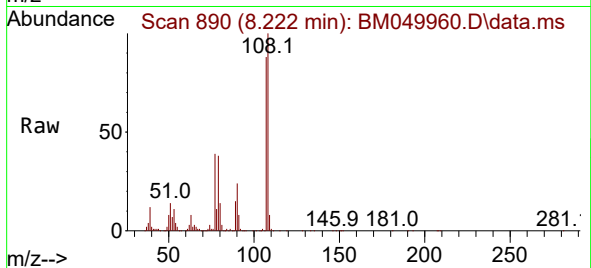




#17
2-Methylphenol
Concen: 36.432 ng
RT: 8.222 min Scan# 891
Delta R.T. -0.006 min
Lab File: BM049960.D
Acq: 18 Apr 2025 11:05

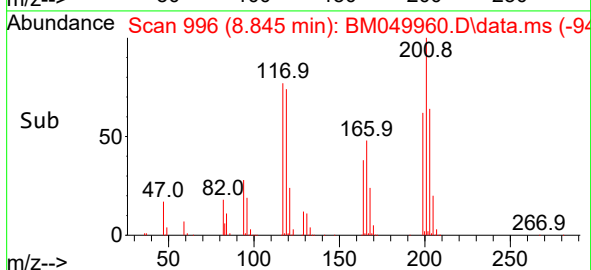
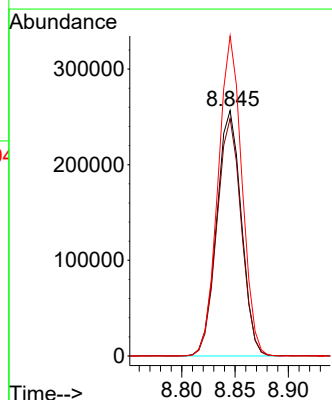
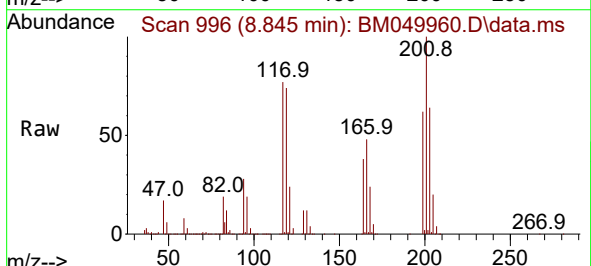
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

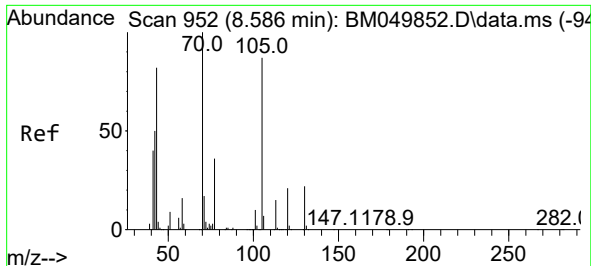
Tgt Ion:	107	Resp:	699178
Ion	Ratio	Lower	Upper
107	100		
108	114.2	91.0	136.6
77	44.6	36.5	54.7
79	43.6	34.6	51.8



#18
Hexachloroethane
Concen: 37.868 ng
RT: 8.845 min Scan# 996
Delta R.T. -0.012 min
Lab File: BM049960.D
Acq: 18 Apr 2025 11:05

Tgt Ion:	117	Resp:	411969
Ion	Ratio	Lower	Upper
117	100		
119	96.7	77.5	116.3
201	130.4	97.7	146.5

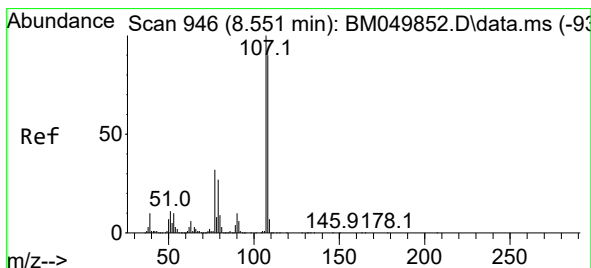
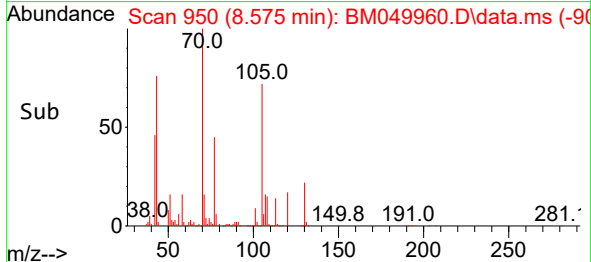
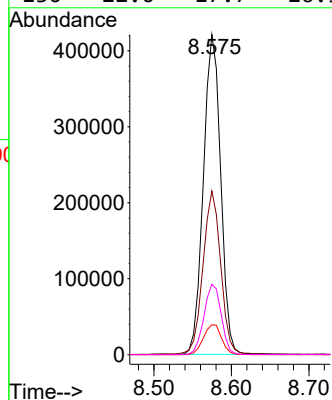
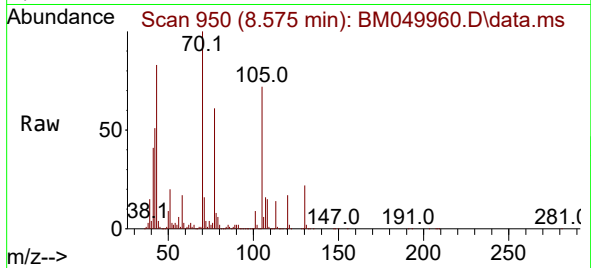




#19
n-Nitroso-di-n-propylamine
Concen: 36.970 ng
RT: 8.575 min Scan# 91
Delta R.T. -0.012 min
Lab File: BM049960.D
Acq: 18 Apr 2025 11:05

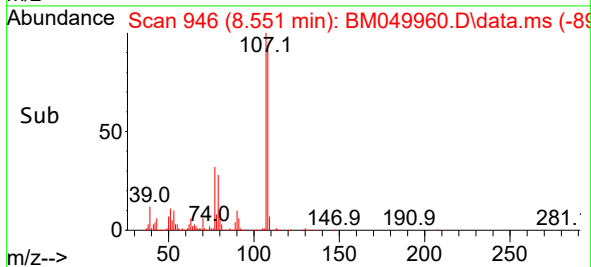
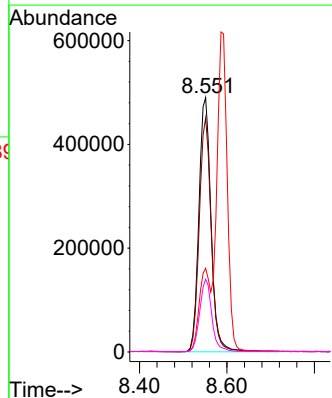
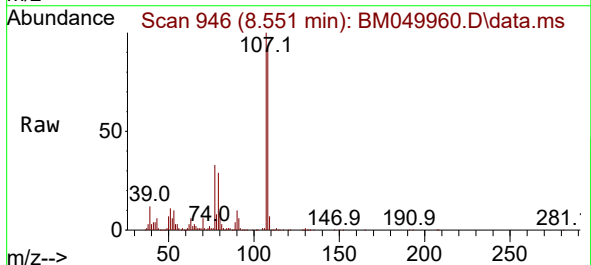
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

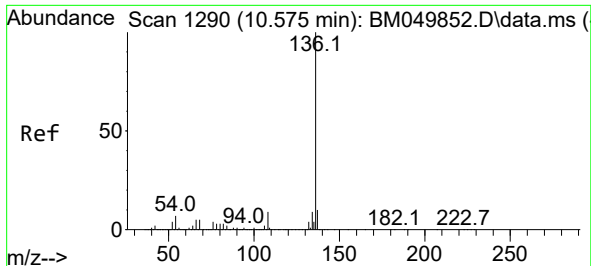
Tgt Ion: 70 Resp: 653457
Ion Ratio Lower Upper
70 100
42 51.1 40.2 60.2
101 9.3 7.9 11.9
130 22.0 17.7 26.5



#20
3+4-Methylphenols
Concen: 36.277 ng
RT: 8.551 min Scan# 946
Delta R.T. -0.000 min
Lab File: BM049960.D
Acq: 18 Apr 2025 11:05

Tgt Ion: 107 Resp: 949153
Ion Ratio Lower Upper
107 100
108 92.0 69.6 109.6
77 32.9 11.7 51.7
79 28.6 7.3 47.3

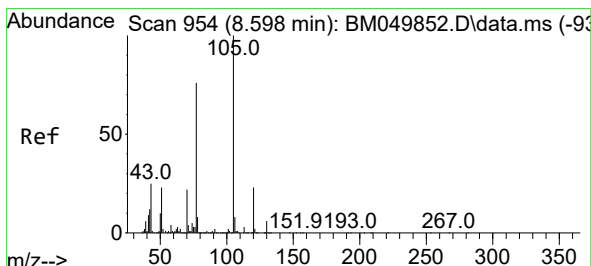
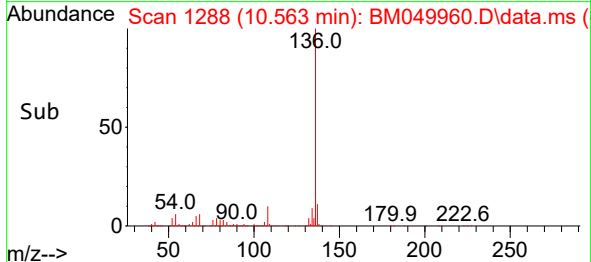
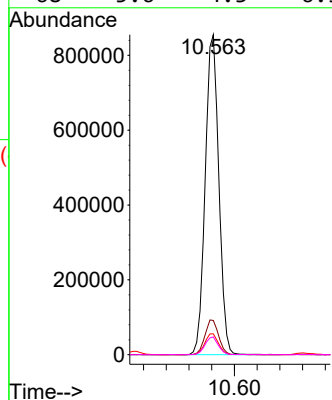
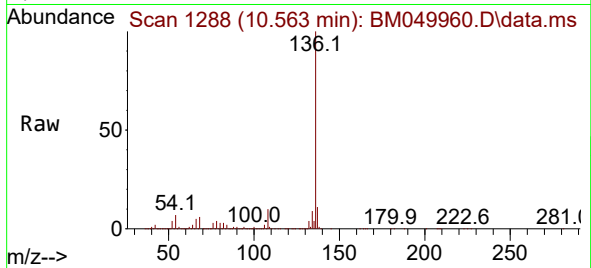




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.563 min Scan# 11
Delta R.T. -0.012 min
Lab File: BM049960.D
Acq: 18 Apr 2025 11:05

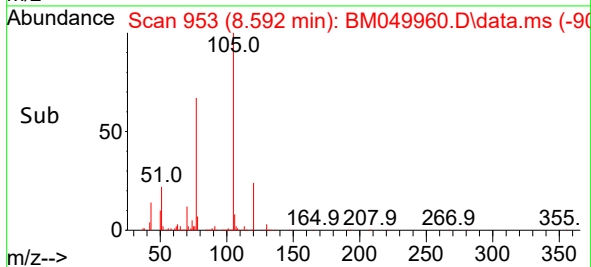
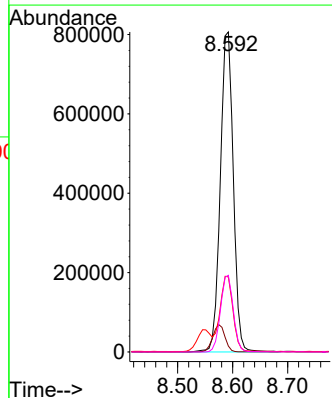
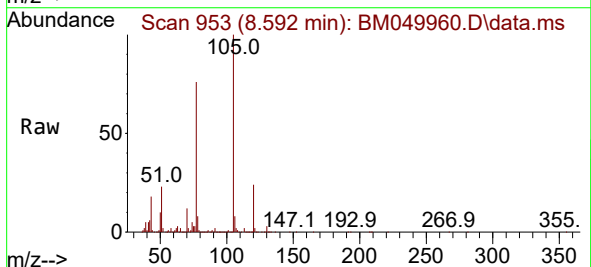
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

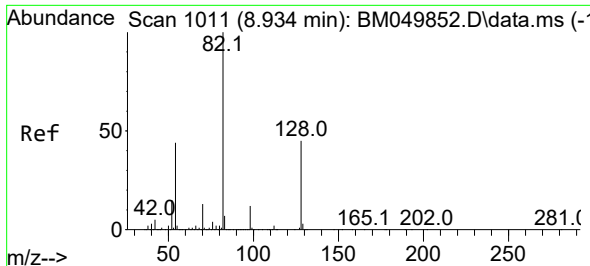
Tgt Ion:136 Resp: 1415185
Ion Ratio Lower Upper
136 100
137 10.7 8.4 12.6
54 6.5 5.3 7.9
68 5.6 4.3 6.5



#22
Acetophenone
Concen: 38.390 ng
RT: 8.592 min Scan# 953
Delta R.T. -0.006 min
Lab File: BM049960.D
Acq: 18 Apr 2025 11:05

Tgt Ion:105 Resp: 1320360
Ion Ratio Lower Upper
105 100
71 1.9 3.0 4.4#
51 23.5 18.6 27.8
120 23.9 18.5 27.7





#23

Nitrobenzene-d5

Concen: 78.795 ng

RT: 8.928 min Scan# 1010

Delta R.T. -0.006 min

Lab File: BM049960.D

Acq: 18 Apr 2025 11:05

Instrument :

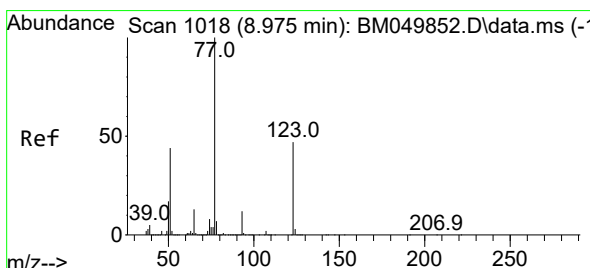
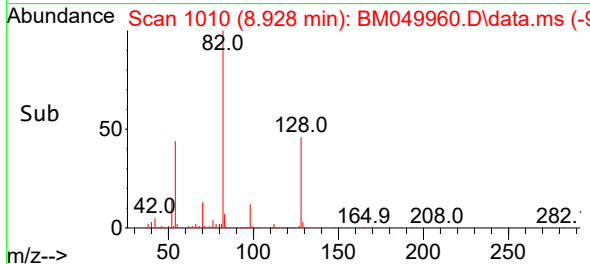
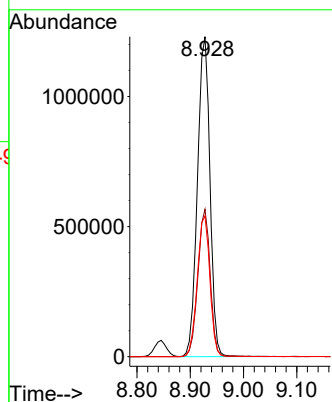
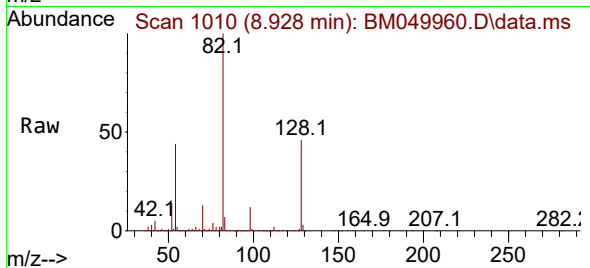
BNA_M

ClientSampleId :

SSTDCCC040

Tgt Ion: 82 Resp: 2002507

Ion	Ratio	Lower	Upper
82	100		
128	46.1	36.2	54.2
54	44.0	35.0	52.6



#24

Nitrobenzene

Concen: 38.542 ng

RT: 8.969 min Scan# 1017

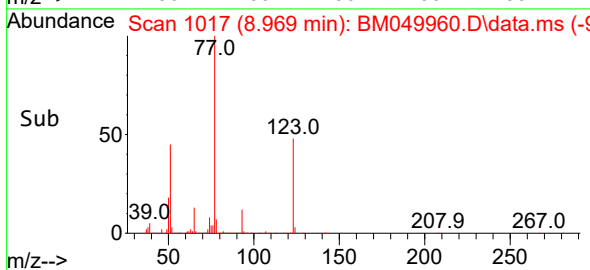
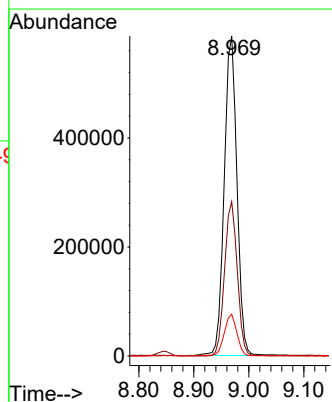
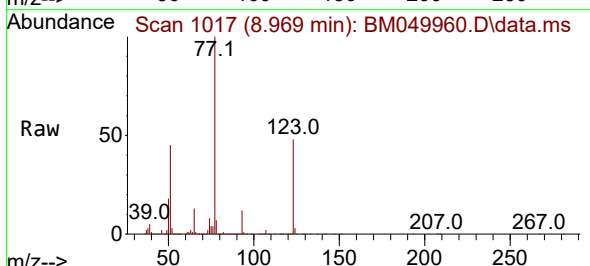
Delta R.T. -0.006 min

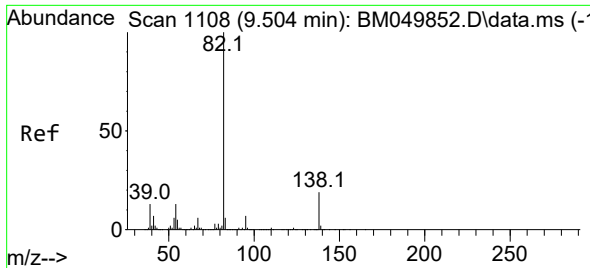
Lab File: BM049960.D

Acq: 18 Apr 2025 11:05

Tgt Ion: 77 Resp: 943172

Ion	Ratio	Lower	Upper
77	100		
123	48.2	37.4	56.2
65	13.1	10.1	15.1

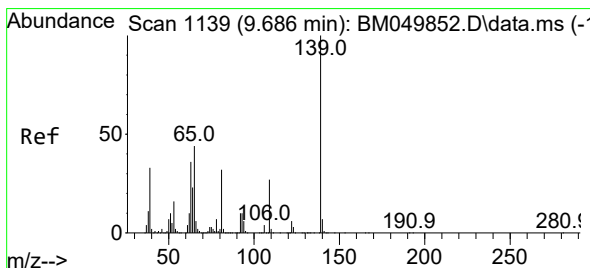
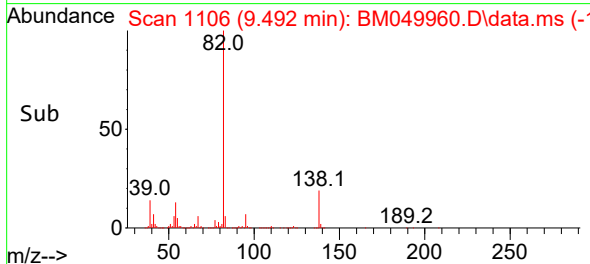
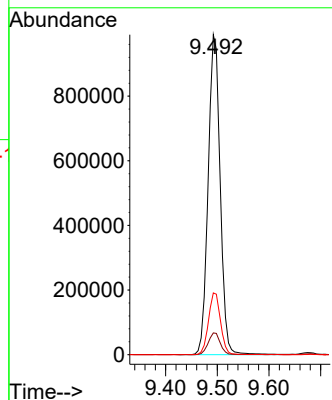
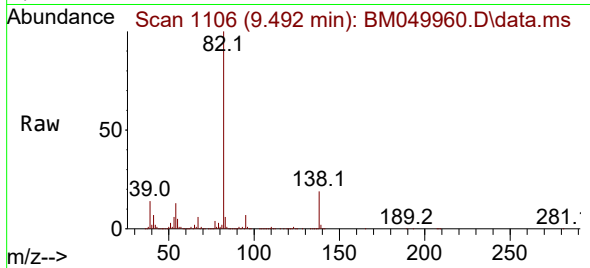




#25
Isophorone
Concen: 37.541 ng
RT: 9.492 min Scan# 1106
Delta R.T. -0.012 min
Lab File: BM049960.D
Acq: 18 Apr 2025 11:05

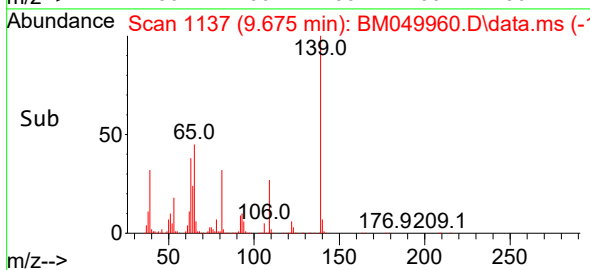
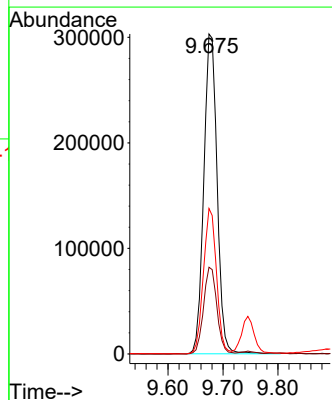
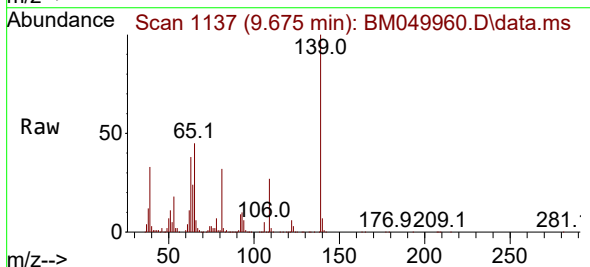
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

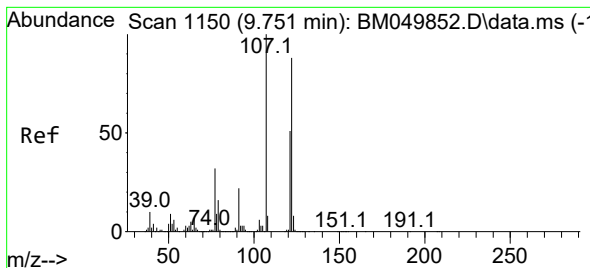
Tgt Ion: 82 Resp: 1598251
Ion Ratio Lower Upper
82 100
95 6.8 5.4 8.2
138 19.3 15.0 22.6



#26
2-Nitrophenol
Concen: 39.314 ng
RT: 9.675 min Scan# 1137
Delta R.T. -0.012 min
Lab File: BM049960.D
Acq: 18 Apr 2025 11:05

Tgt Ion: 139 Resp: 509910
Ion Ratio Lower Upper
139 100
109 27.1 21.7 32.5
65 45.4 35.2 52.8

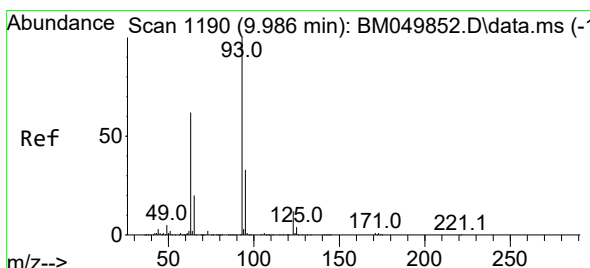
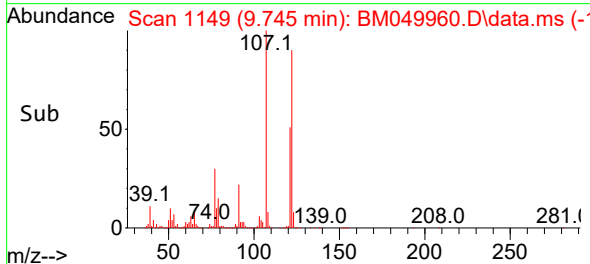
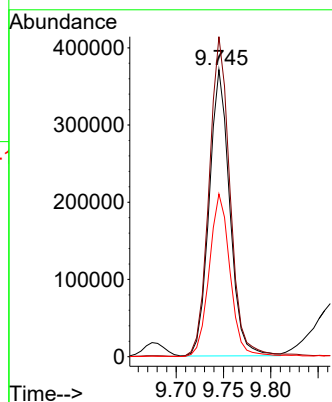
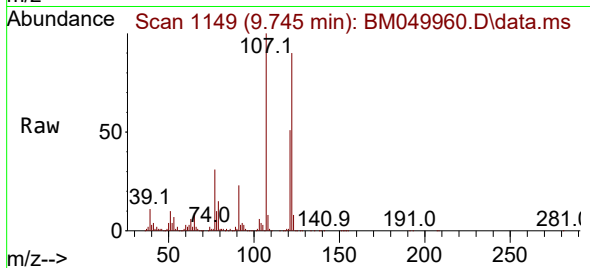




#27
 2,4-Dimethylphenol
 Concen: 38.181 ng
 RT: 9.745 min Scan# 1149
 Delta R.T. -0.006 min
 Lab File: BM049960.D
 Acq: 18 Apr 2025 11:05

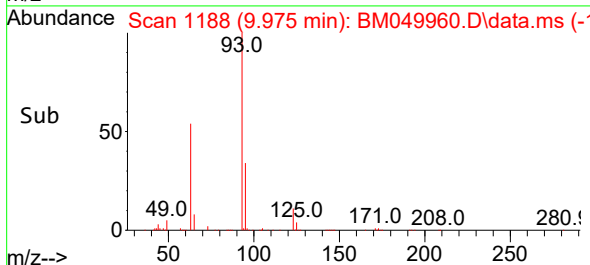
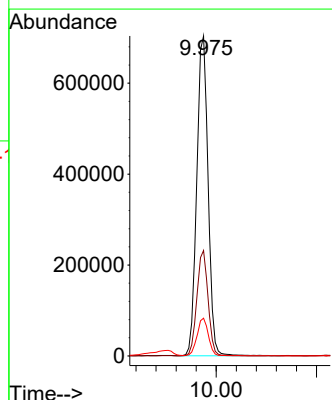
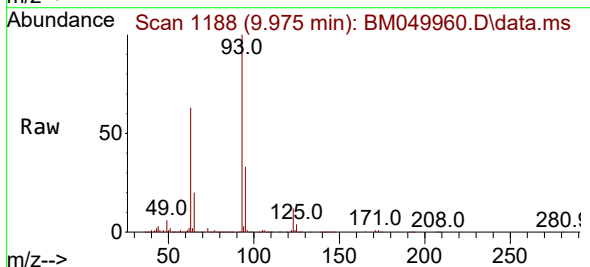
Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC040

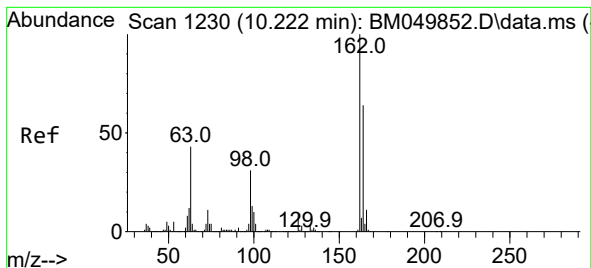
Tgt Ion:122 Resp: 561227
 Ion Ratio Lower Upper
 122 100
 107 111.5 90.3 135.5
 121 56.7 46.1 69.1



#28
 bis(2-Chloroethoxy)methane
 Concen: 38.556 ng
 RT: 9.975 min Scan# 1188
 Delta R.T. -0.012 min
 Lab File: BM049960.D
 Acq: 18 Apr 2025 11:05

Tgt Ion: 93 Resp: 1098922
 Ion Ratio Lower Upper
 93 100
 95 32.9 26.6 40.0
 123 11.8 9.5 14.3





#29

2,4-Dichlorophenol

Concen: 37.972 ng

RT: 10.222 min Scan# 1

Delta R.T. -0.000 min

Lab File: BM049960.D

Acq: 18 Apr 2025 11:05

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

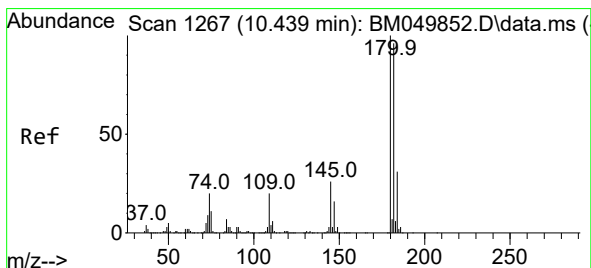
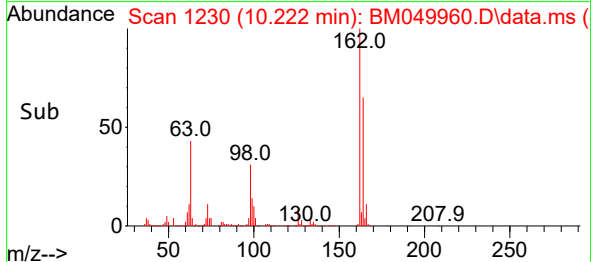
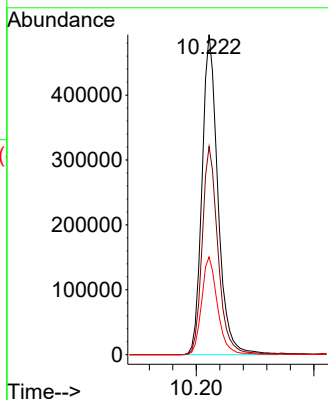
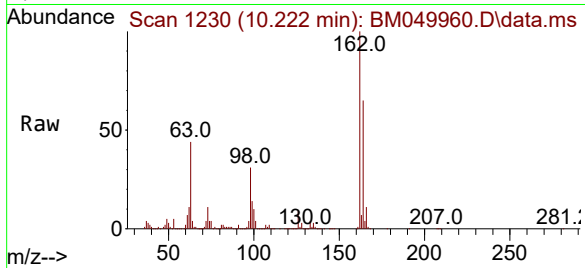
Tgt Ion:162 Resp: 927783

Ion Ratio Lower Upper

162 100

164 65.0 44.3 84.3

98 30.5 10.9 50.9



#30

1,2,4-Trichlorobenzene

Concen: 39.455 ng

RT: 10.427 min Scan# 1265

Delta R.T. -0.012 min

Lab File: BM049960.D

Acq: 18 Apr 2025 11:05

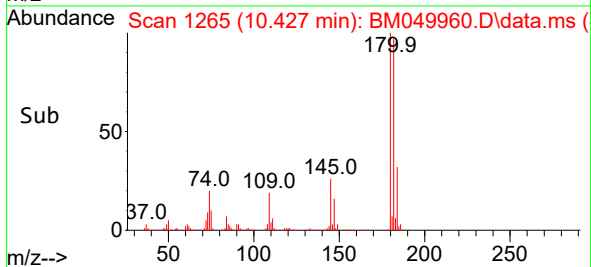
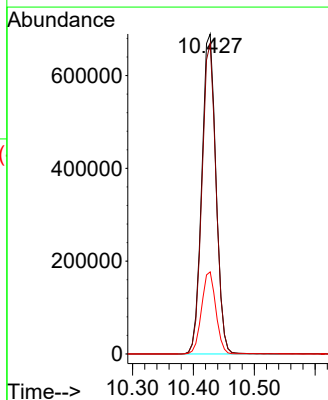
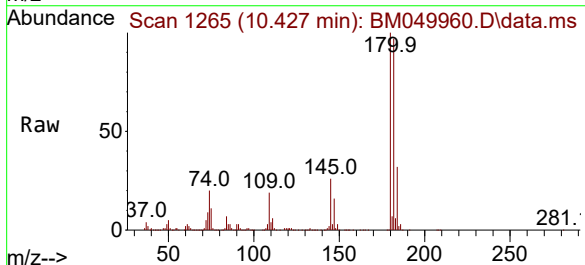
Tgt Ion:180 Resp: 1115238

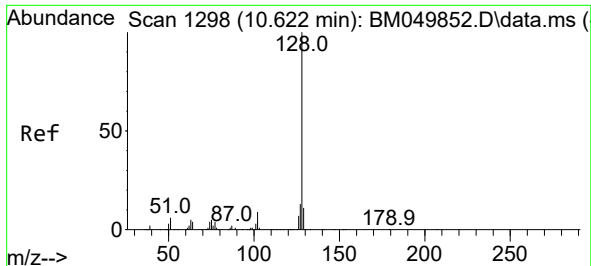
Ion Ratio Lower Upper

180 100

182 97.0 76.7 115.1

145 25.7 20.8 31.2

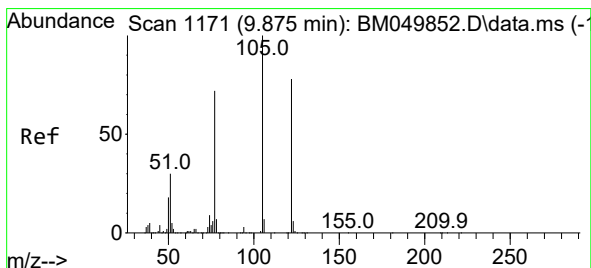
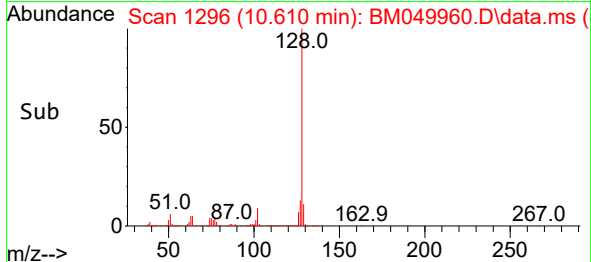
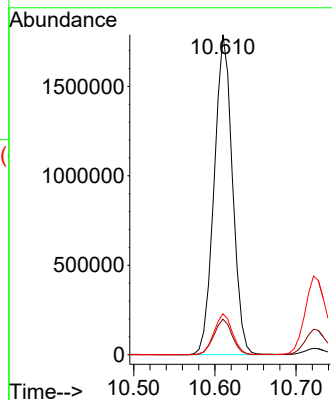
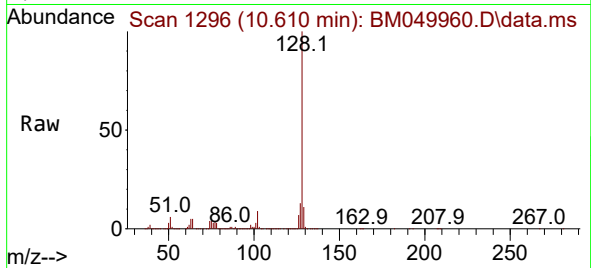




#31
Naphthalene
Concen: 38.524 ng
RT: 10.610 min Scan# 11
Delta R.T. -0.012 min
Lab File: BM049960.D
Acq: 18 Apr 2025 11:05

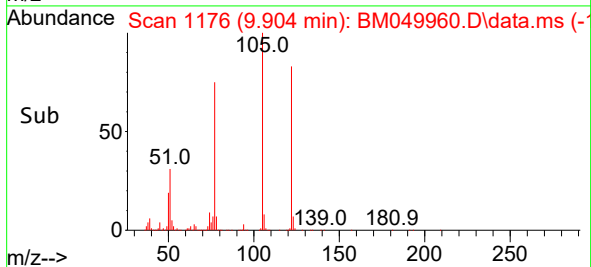
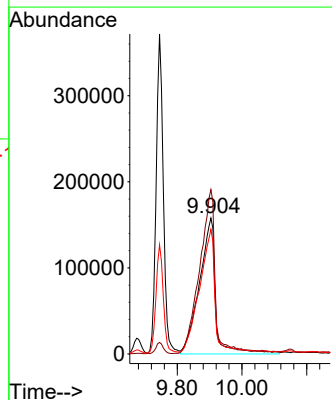
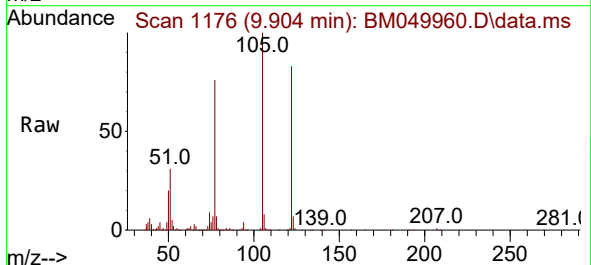
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

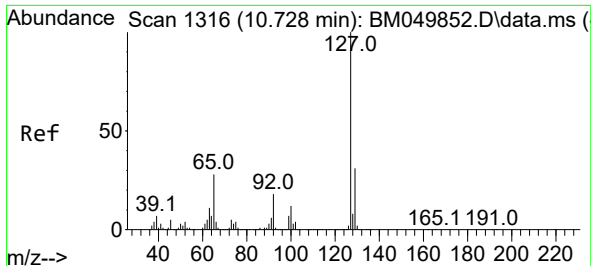
Tgt Ion:128 Resp: 2801398
Ion Ratio Lower Upper
128 100
129 11.1 8.8 13.2
127 12.8 10.6 15.8



#32
Benzoic acid
Concen: 33.420 ng m
RT: 9.904 min Scan# 1176
Delta R.T. 0.029 min
Lab File: BM049960.D
Acq: 18 Apr 2025 11:05

Tgt Ion:122 Resp: 551422
Ion Ratio Lower Upper
122 100
105 121.1 103.8 143.8
77 91.8 70.7 110.7

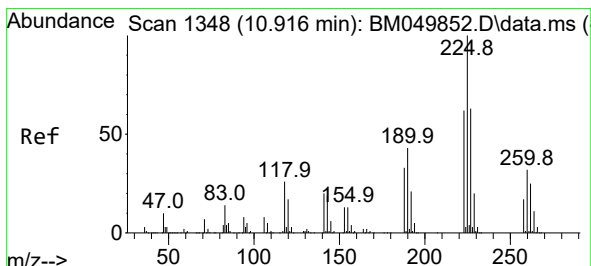
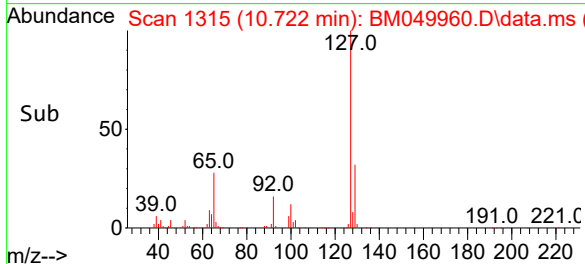
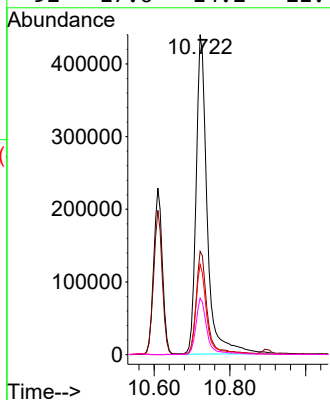
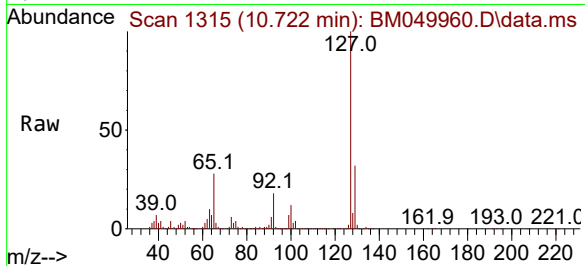




#33
4-Chloroaniline
Concen: 35.139 ng
RT: 10.722 min Scan# 11
Delta R.T. -0.006 min
Lab File: BM049960.D
Acq: 18 Apr 2025 11:05

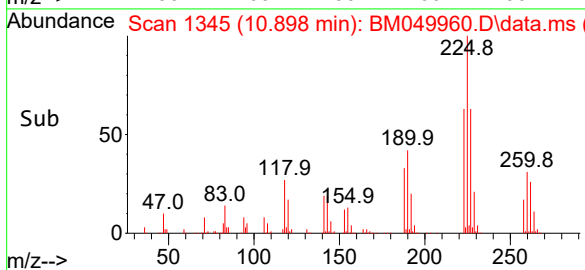
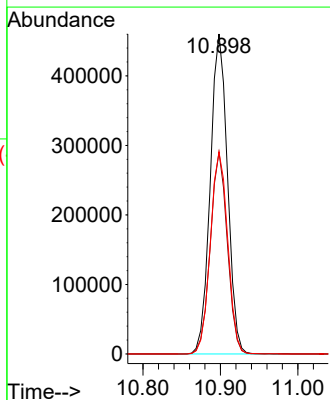
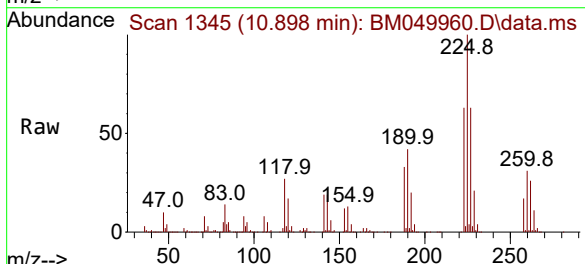
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

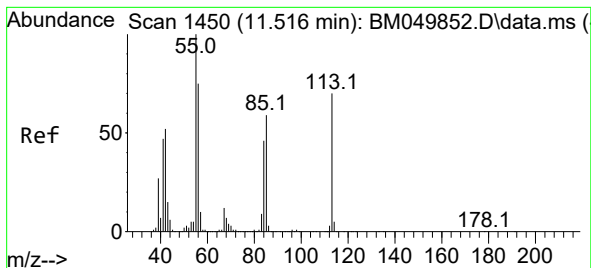
Tgt Ion:127	Resp: 902285
Ion Ratio	Lower Upper
127 100	
129 32.2	24.9 37.3
65 28.2	22.4 33.6
92 17.6	14.2 21.4



#34
Hexachlorobutadiene
Concen: 40.570 ng
RT: 10.898 min Scan# 1345
Delta R.T. -0.018 min
Lab File: BM049960.D
Acq: 18 Apr 2025 11:05

Tgt	Ion:225	Resp:	709345
Ion	Ratio	Lower	Upper
225	100		
223	63.1	49.4	74.2
227	63.1	50.1	75.1

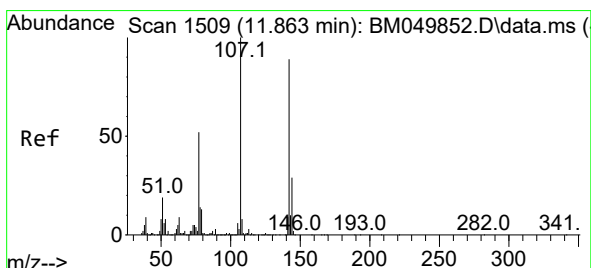
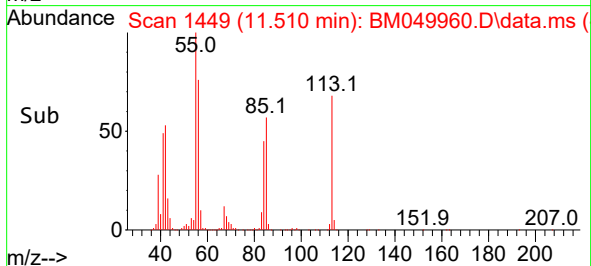
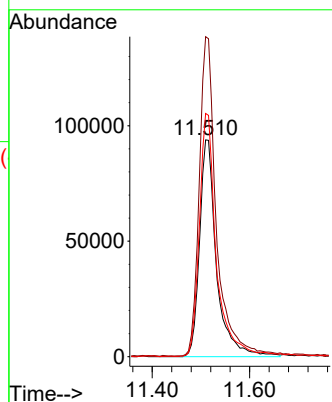
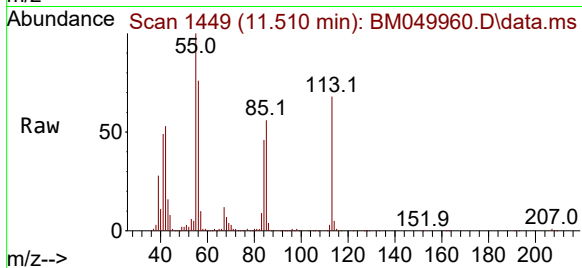




#35
 Caprolactam
 Concen: 32.500 ng
 RT: 11.510 min Scan# 1449
 Delta R.T. -0.006 min
 Lab File: BM049960.D
 Acq: 18 Apr 2025 11:05

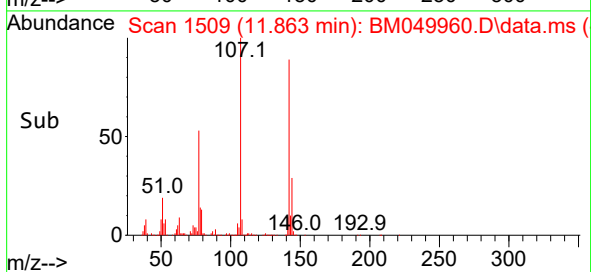
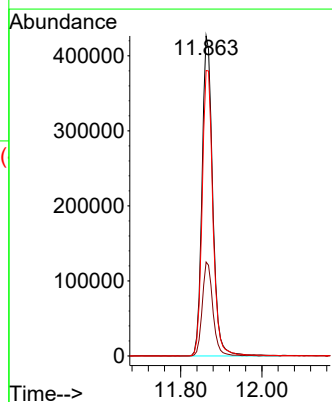
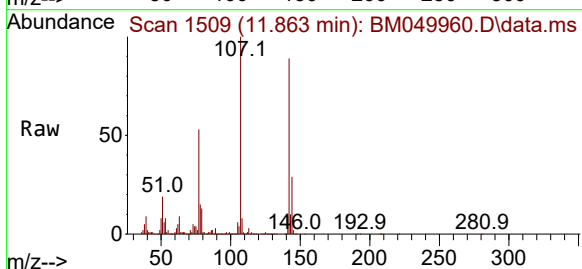
Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC040

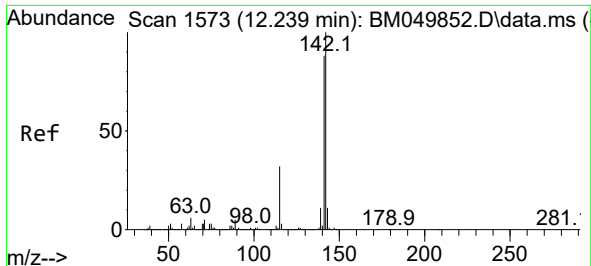
Tgt Ion:113 Resp: 227752
 Ion Ratio Lower Upper
 113 100
 55 147.6 124.3 164.3
 56 112.1 87.5 127.5



#36
 4-Chloro-3-methylphenol
 Concen: 36.450 ng
 RT: 11.863 min Scan# 1509
 Delta R.T. -0.000 min
 Lab File: BM049960.D
 Acq: 18 Apr 2025 11:05

Tgt Ion:107 Resp: 780116
 Ion Ratio Lower Upper
 107 100
 144 29.3 23.6 35.4
 142 89.2 71.4 107.0

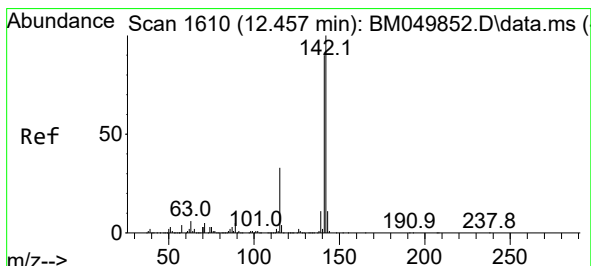
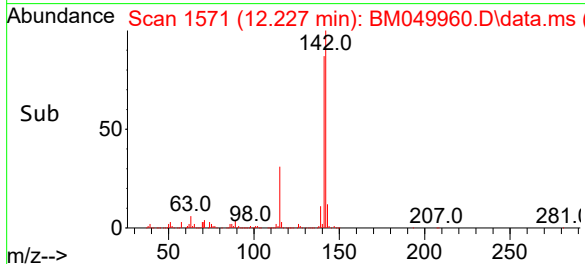
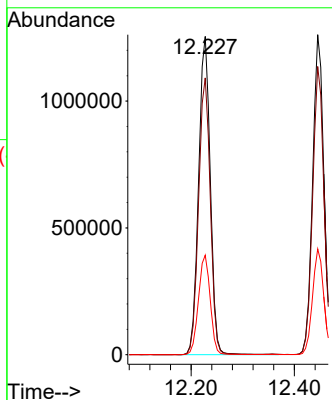
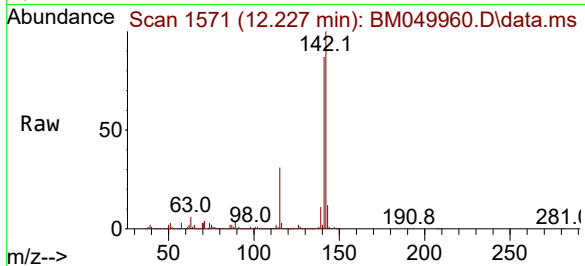




#37
2-Methylnaphthalene
Concen: 38.348 ng
RT: 12.227 min Scan# 1
Delta R.T. -0.012 min
Lab File: BM049960.D
Acq: 18 Apr 2025 11:05

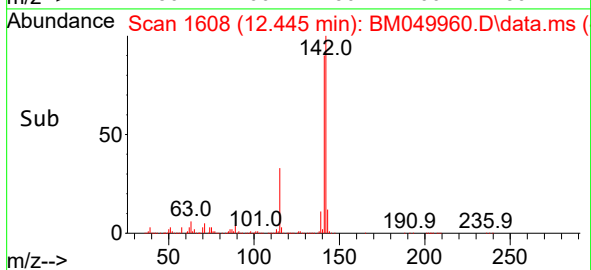
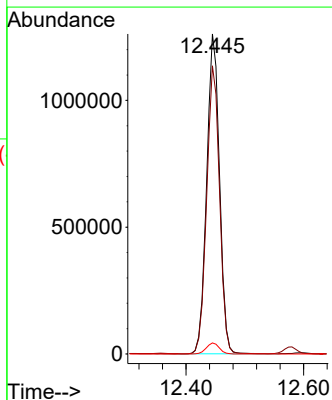
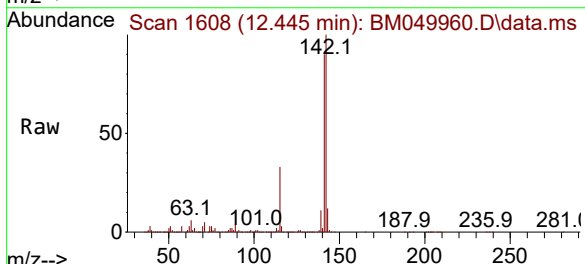
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

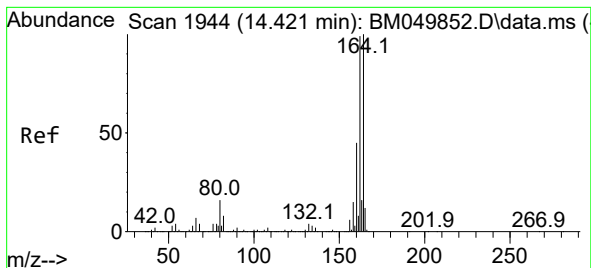
Tgt Ion:142 Resp: 1964723
Ion Ratio Lower Upper
142 100
141 87.0 70.2 105.2
115 31.3 25.4 38.2



#38
1-Methylnaphthalene
Concen: 38.080 ng
RT: 12.445 min Scan# 1608
Delta R.T. -0.012 min
Lab File: BM049960.D
Acq: 18 Apr 2025 11:05

Tgt Ion:142 Resp: 1900729
Ion Ratio Lower Upper
142 100
141 90.1 72.2 108.2
116 3.4 2.9 4.3





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.410 min Scan# 1942

Delta R.T. -0.012 min

Lab File: BM049960.D

Acq: 18 Apr 2025 11:05

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

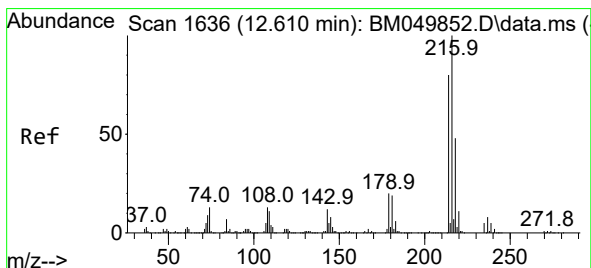
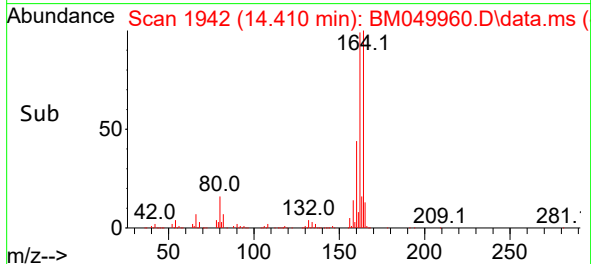
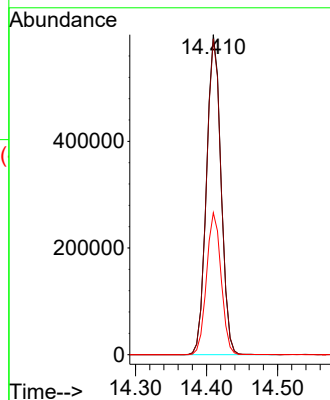
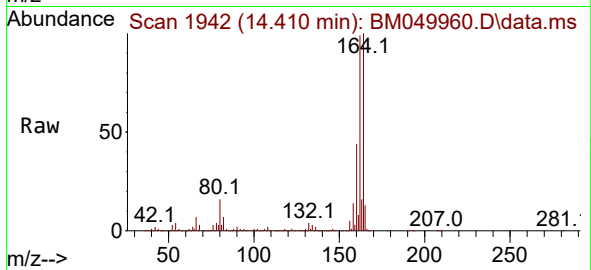
Tgt Ion:164 Resp: 851595

Ion Ratio Lower Upper

164 100

162 98.7 79.4 119.0

160 44.3 36.2 54.2



#40

1,2,4,5-Tetrachlorobenzene

Concen: 40.647 ng

RT: 12.598 min Scan# 1634

Delta R.T. -0.012 min

Lab File: BM049960.D

Acq: 18 Apr 2025 11:05

Tgt Ion:216 Resp: 1210974

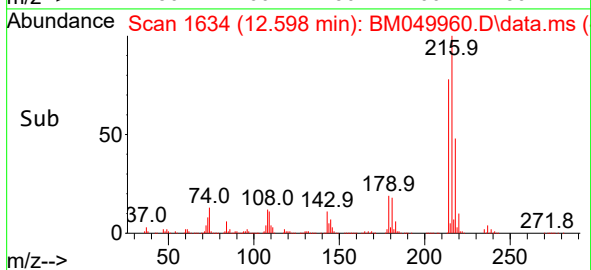
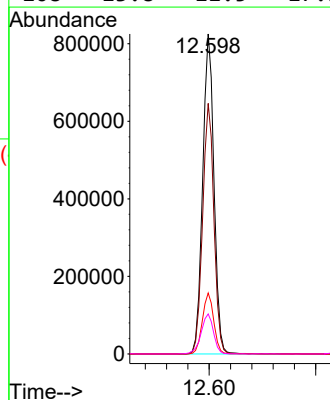
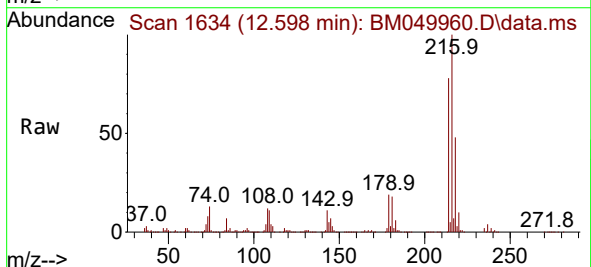
Ion Ratio Lower Upper

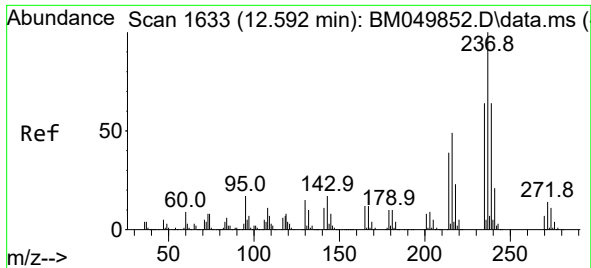
216 100

214 78.3 63.2 94.8

179 19.2 15.8 23.6

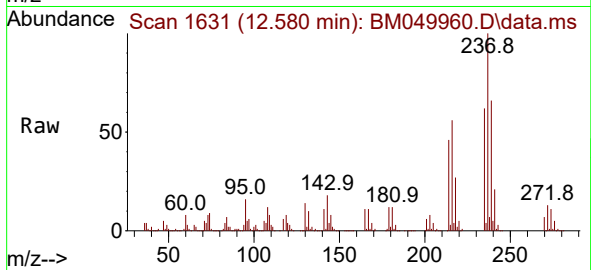
108 13.8 11.5 17.3



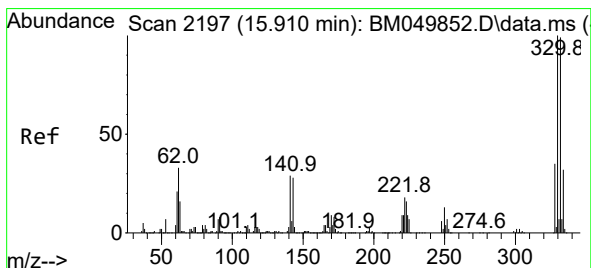
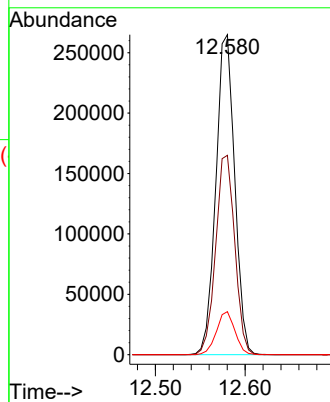
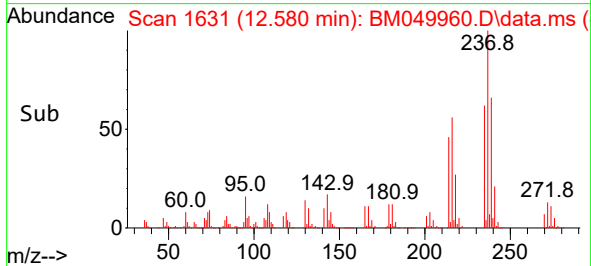


#41
Hexachlorocyclopentadiene
Concen: 36.978 ng
RT: 12.580 min Scan# 1
Delta R.T. -0.012 min
Lab File: BM049960.D
Acq: 18 Apr 2025 11:05

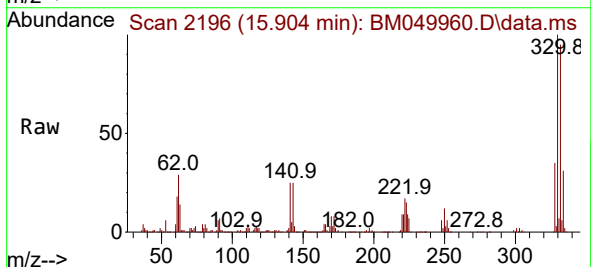
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040



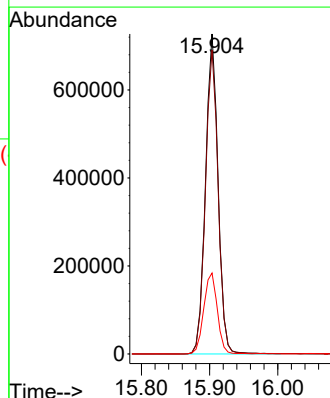
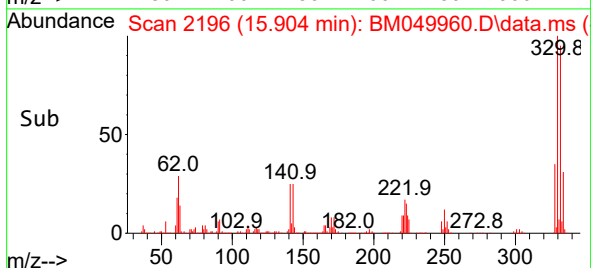
Tgt Ion:237 Resp: 386034
Ion Ratio Lower Upper
237 100
235 62.3 43.7 83.7
272 13.5 0.0 33.5

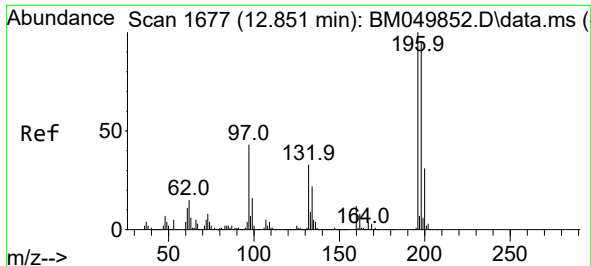


#42
2,4,6-Tribromophenol
Concen: 75.249 ng
RT: 15.904 min Scan# 2196
Delta R.T. -0.006 min
Lab File: BM049960.D
Acq: 18 Apr 2025 11:05



Tgt Ion:330 Resp: 932090
Ion Ratio Lower Upper
330 100
332 96.1 78.0 117.0
141 27.3 23.5 35.3

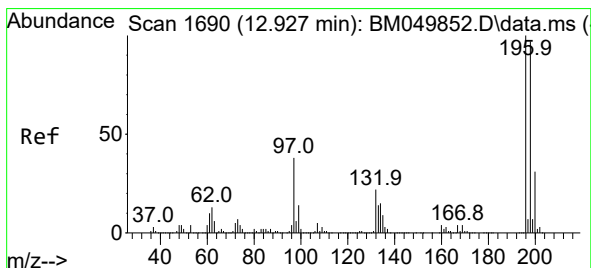
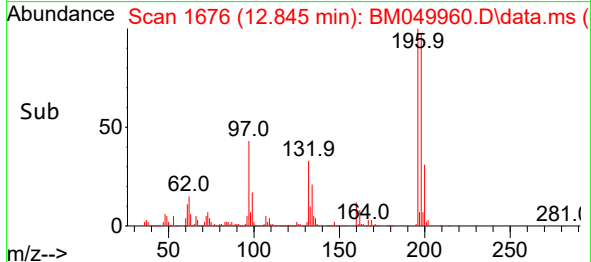
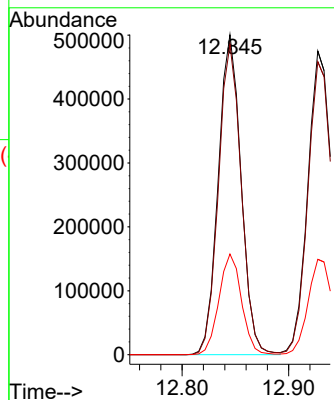
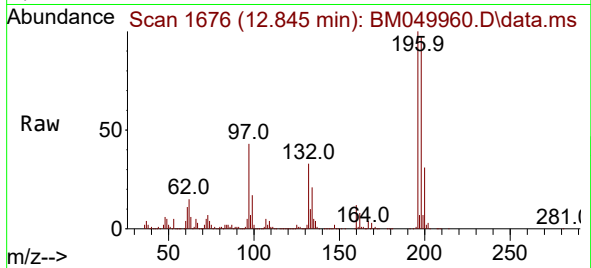




#43
2,4,6-Trichlorophenol
Concen: 39.301 ng
RT: 12.845 min Scan# 1676
Delta R.T. -0.006 min
Lab File: BM049960.D
Acq: 18 Apr 2025 11:05

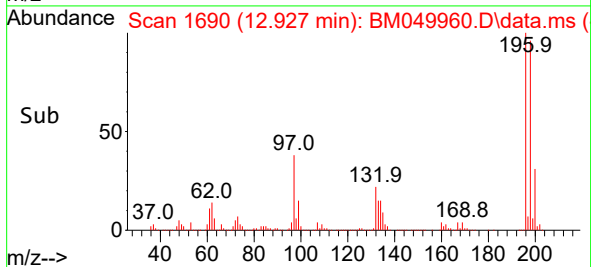
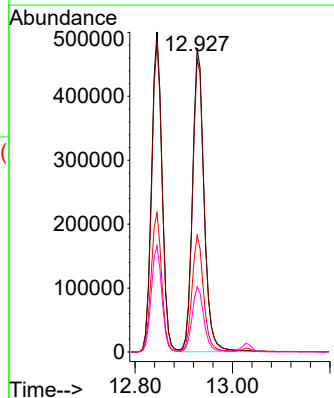
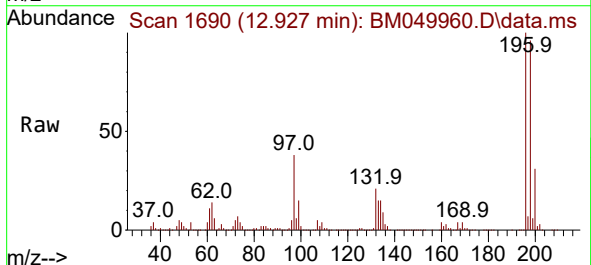
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

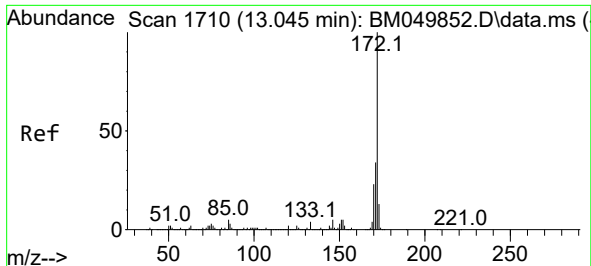
Tgt Ion:196 Resp: 745076
Ion Ratio Lower Upper
196 100
198 96.9 76.1 114.1
200 31.4 24.7 37.1



#44
2,4,5-Trichlorophenol
Concen: 38.457 ng
RT: 12.927 min Scan# 1690
Delta R.T. -0.000 min
Lab File: BM049960.D
Acq: 18 Apr 2025 11:05

Tgt Ion:196 Resp: 792293
Ion Ratio Lower Upper
196 100
198 96.4 77.7 116.5
97 38.4 30.3 45.5
132 21.5 17.3 25.9

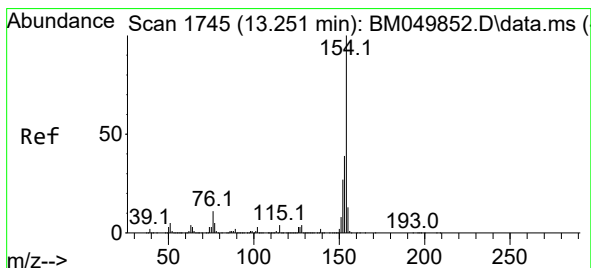
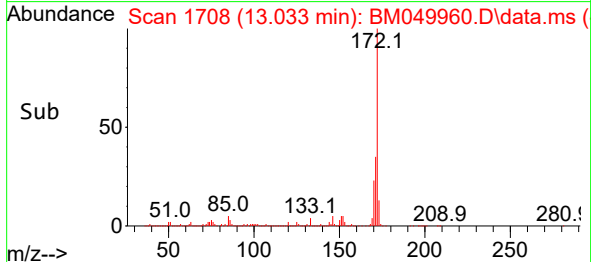
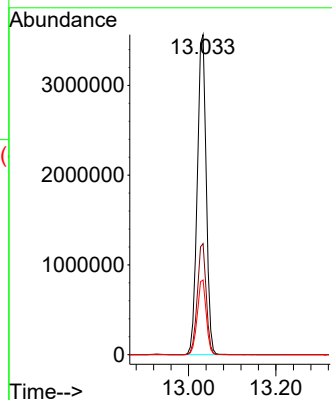
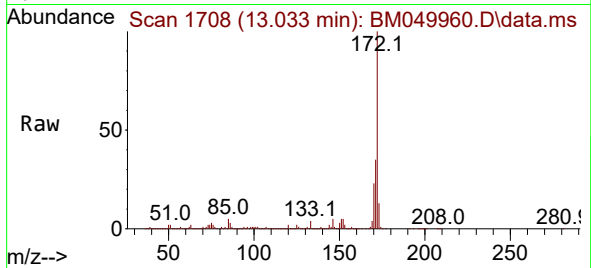




#45
2-Fluorobiphenyl
Concen: 81.039 ng
RT: 13.033 min Scan# 1708
Delta R.T. -0.012 min
Lab File: BM049960.D
Acq: 18 Apr 2025 11:05

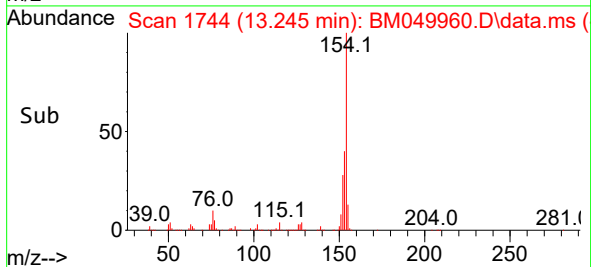
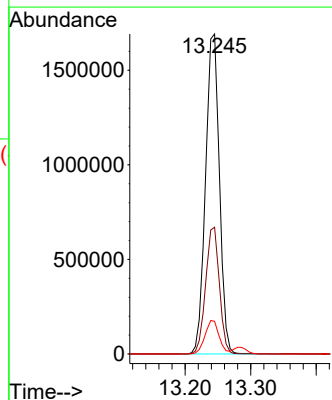
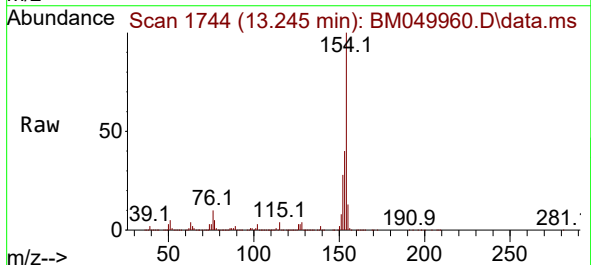
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

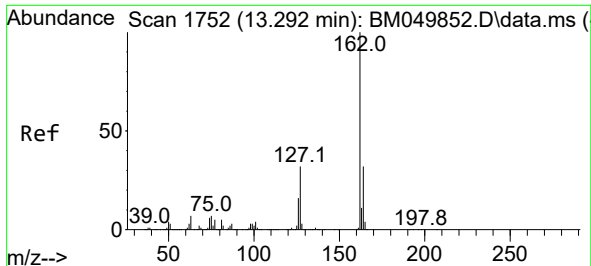
Tgt Ion:172 Resp: 5089374
Ion Ratio Lower Upper
172 100
171 34.7 27.4 41.2
170 23.3 18.6 28.0



#46
1,1'-Biphenyl
Concen: 39.476 ng
RT: 13.245 min Scan# 1744
Delta R.T. -0.006 min
Lab File: BM049960.D
Acq: 18 Apr 2025 11:05

Tgt Ion:154 Resp: 2499029
Ion Ratio Lower Upper
154 100
153 39.6 19.3 59.3
76 10.2 0.0 30.7

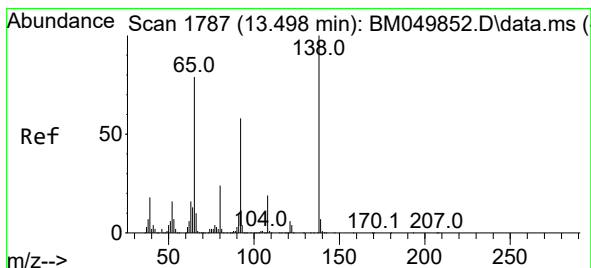
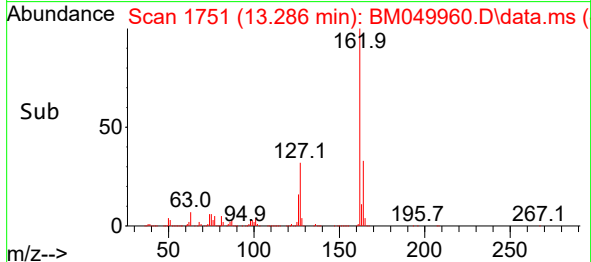
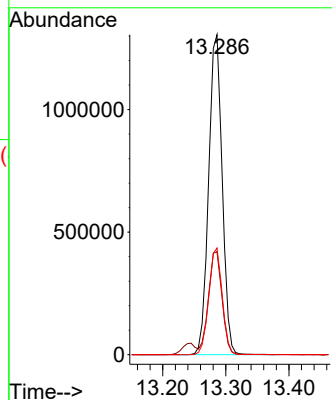
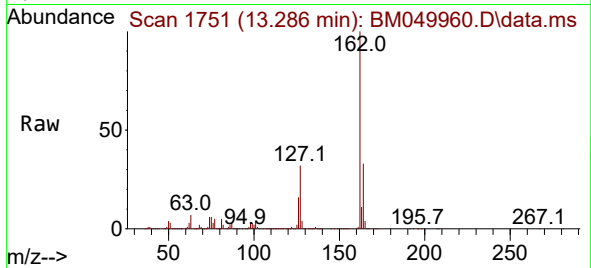




#47
2-Chloronaphthalene
Concen: 39.168 ng
RT: 13.286 min Scan# 1751
Delta R.T. -0.006 min
Lab File: BM049960.D
Acq: 18 Apr 2025 11:05

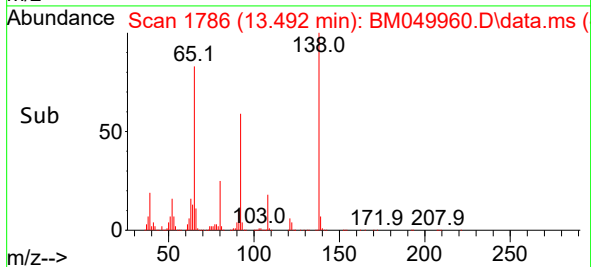
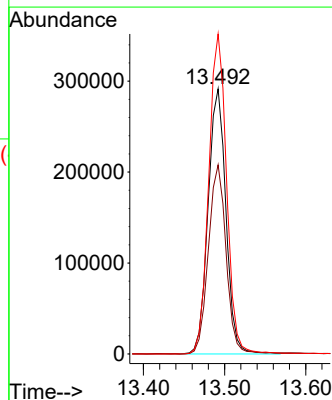
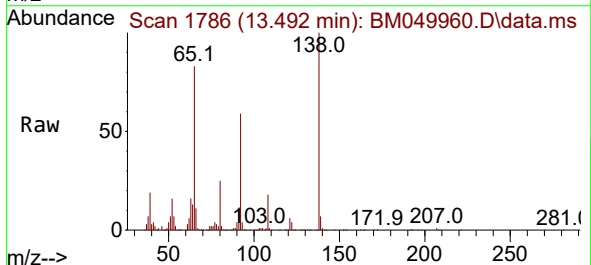
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

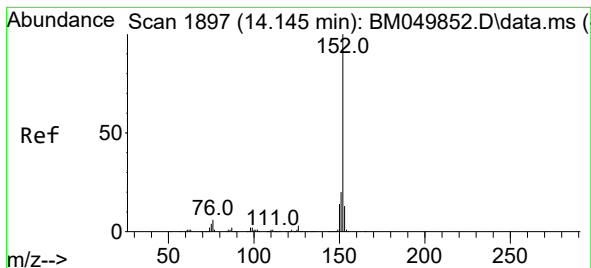
Tgt Ion:162 Resp: 1948879
Ion Ratio Lower Upper
162 100
127 32.2 26.0 39.0
164 33.3 25.9 38.9



#48
2-Nitroaniline
Concen: 38.682 ng
RT: 13.492 min Scan# 1786
Delta R.T. -0.006 min
Lab File: BM049960.D
Acq: 18 Apr 2025 11:05

Tgt Ion: 65 Resp: 445265
Ion Ratio Lower Upper
65 100
92 71.4 58.4 87.6
138 120.7 100.8 151.2





#49

Acenaphthylene

Concen: 38.822 ng

RT: 14.133 min Scan# 1895

Delta R.T. -0.012 min

Lab File: BM049960.D

Acq: 18 Apr 2025 11:05

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

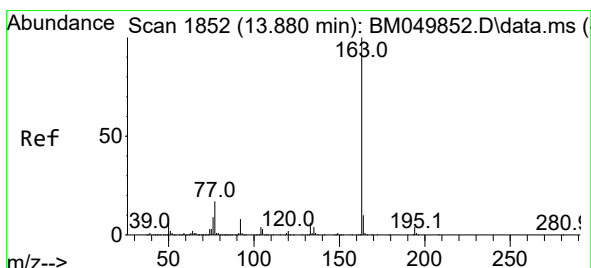
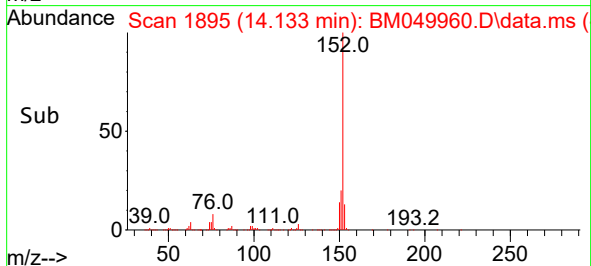
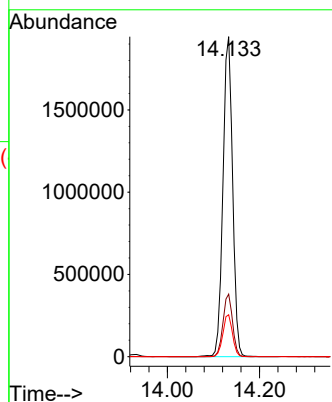
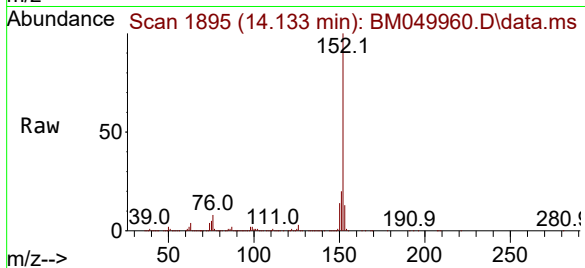
Tgt Ion:152 Resp: 2813773

Ion Ratio Lower Upper

152 100

151 19.5 15.7 23.5

153 13.1 10.4 15.6



#50

Dimethylphthalate

Concen: 37.631 ng

RT: 13.868 min Scan# 1850

Delta R.T. -0.012 min

Lab File: BM049960.D

Acq: 18 Apr 2025 11:05

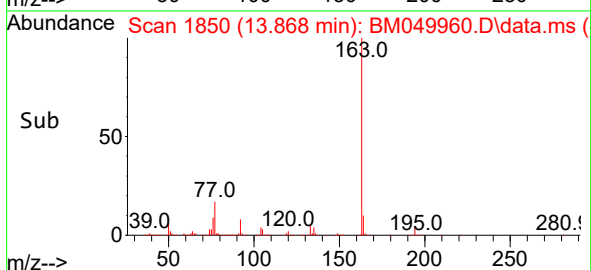
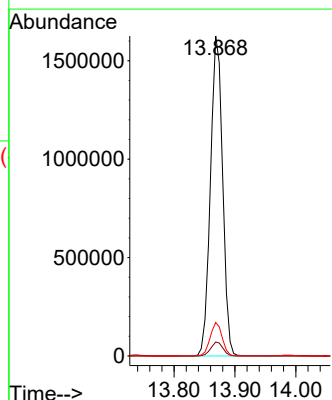
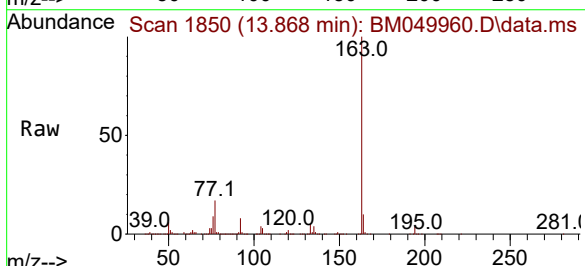
Tgt Ion:163 Resp: 2260822

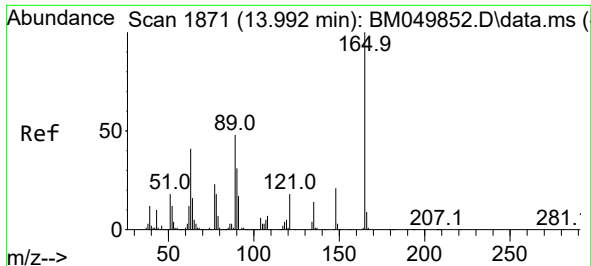
Ion Ratio Lower Upper

163 100

194 4.4 3.5 5.3

164 10.5 7.9 11.9





#51

2,6-Dinitrotoluene

Concen: 38.642 ng

RT: 13.986 min Scan# 11

Delta R.T. -0.006 min

Lab File: BM049960.D

Acq: 18 Apr 2025 11:05

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

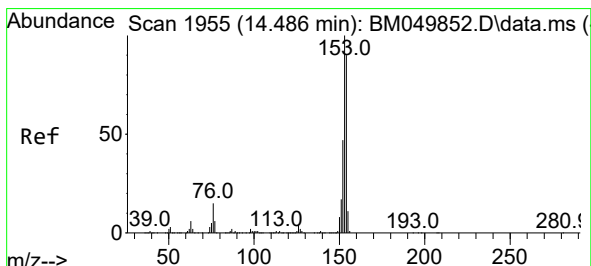
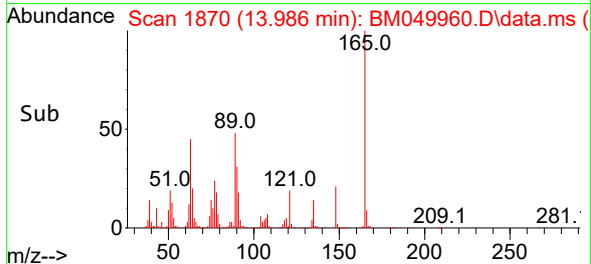
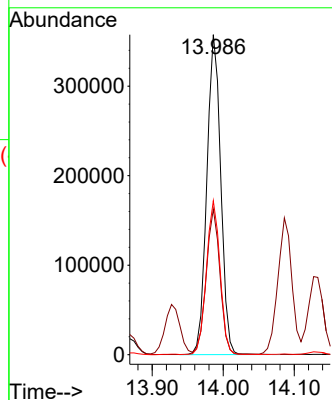
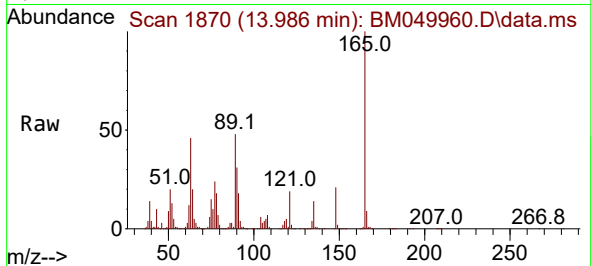
Tgt Ion:165 Resp: 486398

Ion Ratio Lower Upper

165 100

63 45.5 36.1 54.1

89 48.1 38.3 57.5



#52

Acenaphthene

Concen: 38.361 ng

RT: 14.474 min Scan# 1953

Delta R.T. -0.012 min

Lab File: BM049960.D

Acq: 18 Apr 2025 11:05

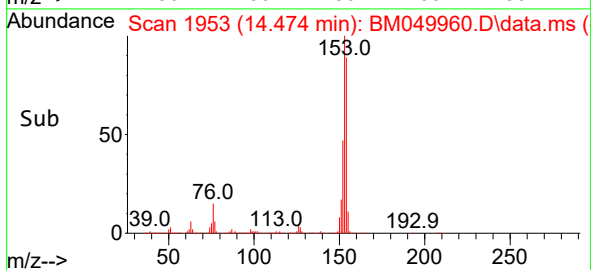
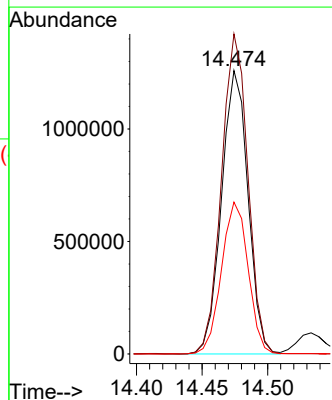
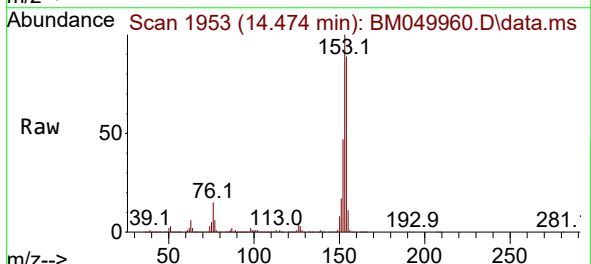
Tgt Ion:154 Resp: 1768520

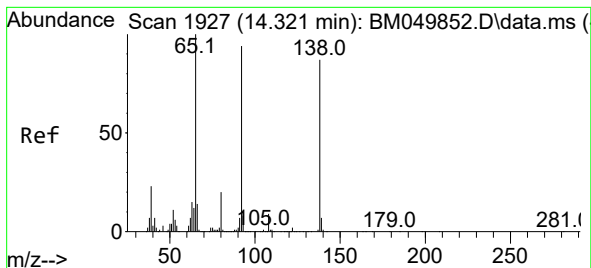
Ion Ratio Lower Upper

154 100

153 112.9 89.3 133.9

152 53.6 42.2 63.2

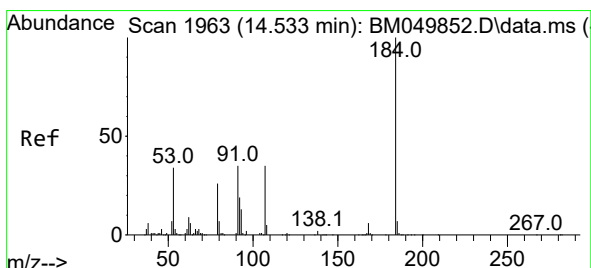
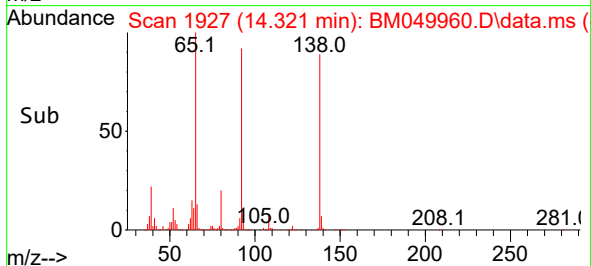
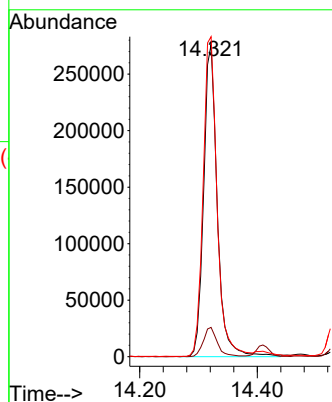
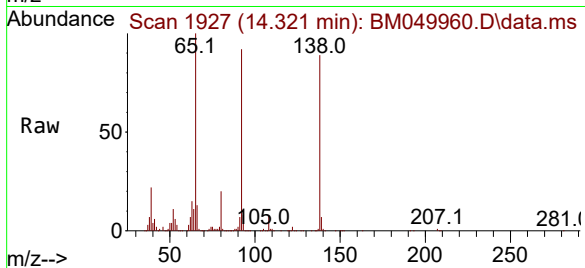




#53
3-Nitroaniline
Concen: 36.639 ng
RT: 14.321 min Scan# 1927
Delta R.T. -0.000 min
Lab File: BM049960.D
Acq: 18 Apr 2025 11:05

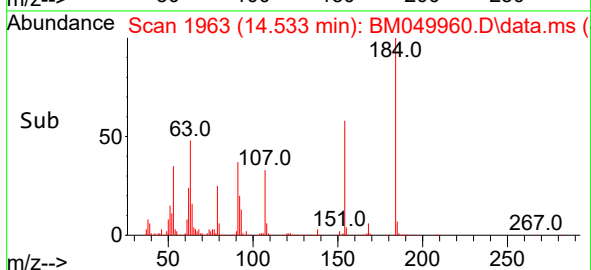
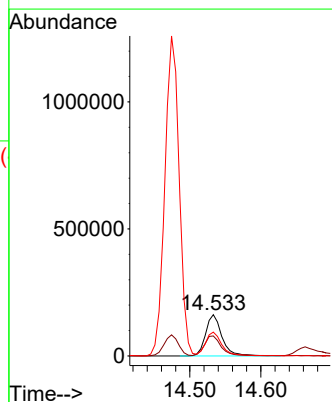
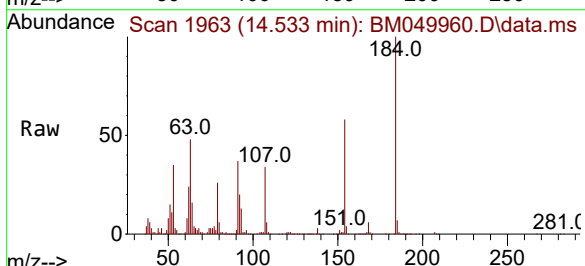
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

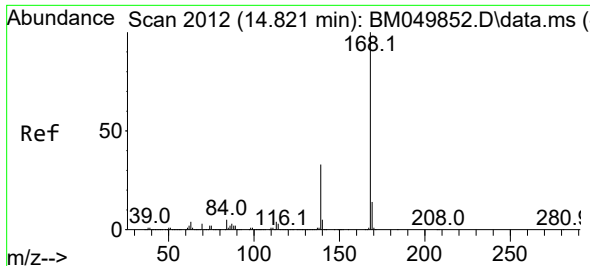
Tgt Ion:138 Resp: 445740
Ion Ratio Lower Upper
138 100
108 9.4 8.1 12.1
92 102.6 86.5 129.7



#54
2,4-Dinitrophenol
Concen: 33.198 ng
RT: 14.533 min Scan# 1963
Delta R.T. 0.000 min
Lab File: BM049960.D
Acq: 18 Apr 2025 11:05

Tgt Ion:184 Resp: 260268
Ion Ratio Lower Upper
184 100
63 48.3 38.4 57.6
154 57.8 48.1 72.1

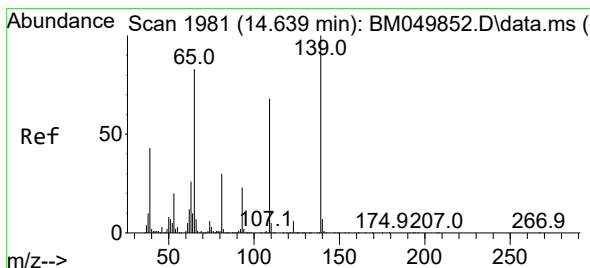
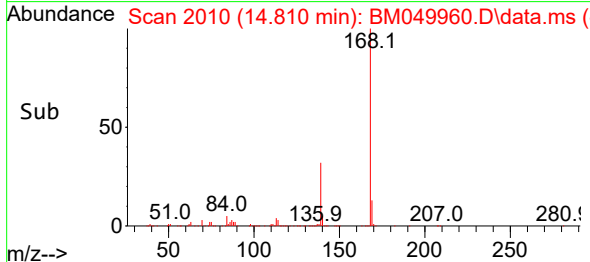
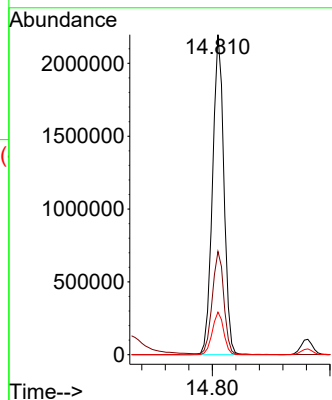
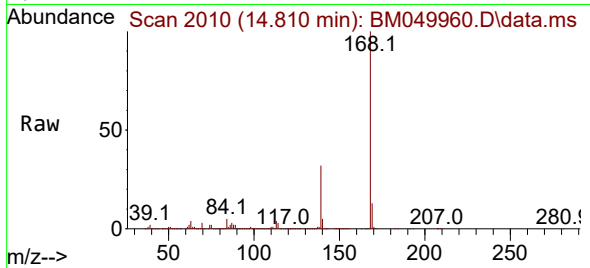




#55
Dibenzenofuran
Concen: 38.129 ng
RT: 14.810 min Scan# 2012
Delta R.T. -0.012 min
Lab File: BM049960.D
Acq: 18 Apr 2025 11:05

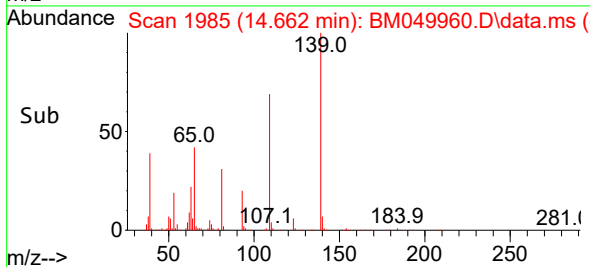
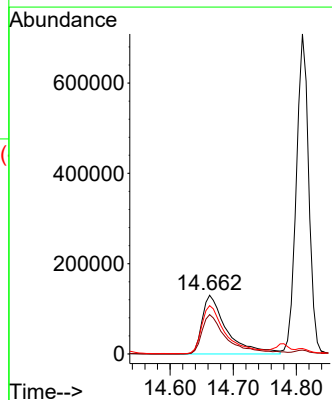
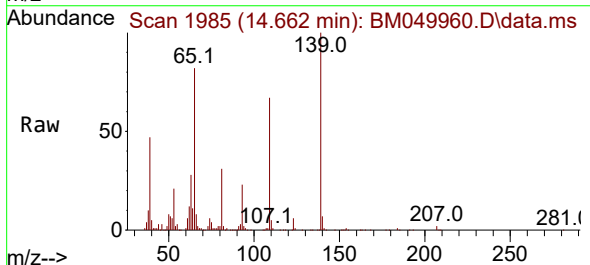
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

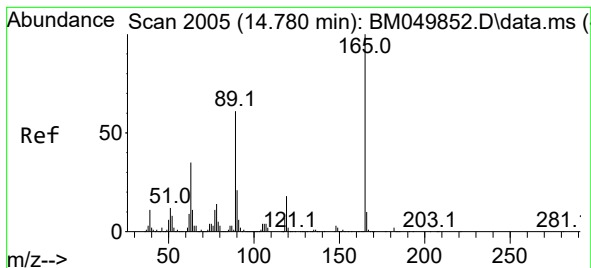
Tgt Ion:168 Resp: 2938603
Ion Ratio Lower Upper
168 100
139 32.3 26.6 39.8
169 13.3 11.0 16.4



#56
4-Nitrophenol
Concen: 32.339 ng
RT: 14.662 min Scan# 1985
Delta R.T. 0.023 min
Lab File: BM049960.D
Acq: 18 Apr 2025 11:05

Tgt Ion:139 Resp: 350592
Ion Ratio Lower Upper
139 100
109 67.1 47.9 87.9
65 82.4 62.7 102.7

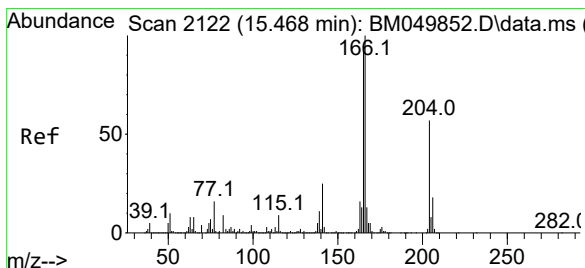
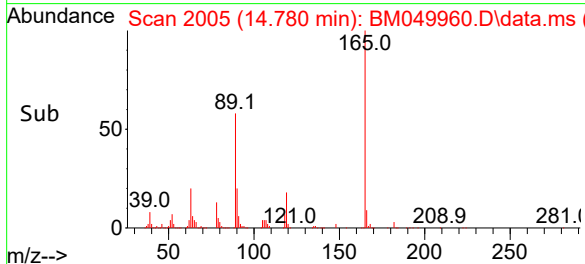
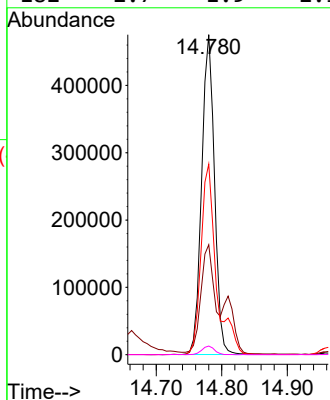
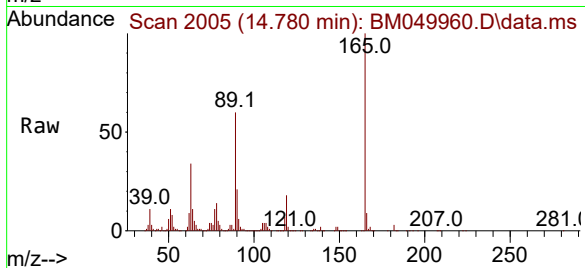




#57
2,4-Dinitrotoluene
Concen: 38.593 ng
RT: 14.780 min Scan# 2005
Delta R.T. -0.000 min
Lab File: BM049960.D
Acq: 18 Apr 2025 11:05

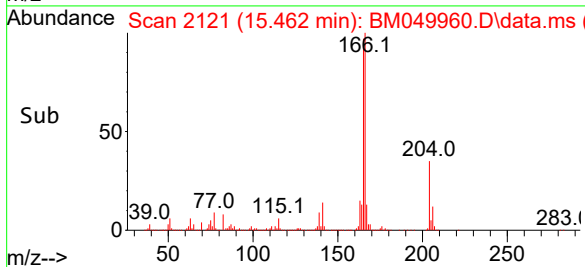
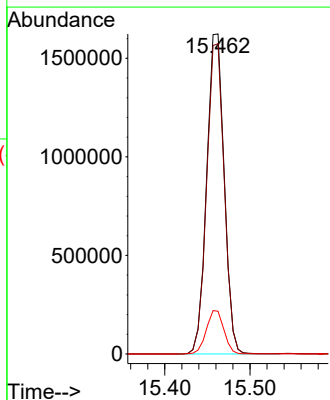
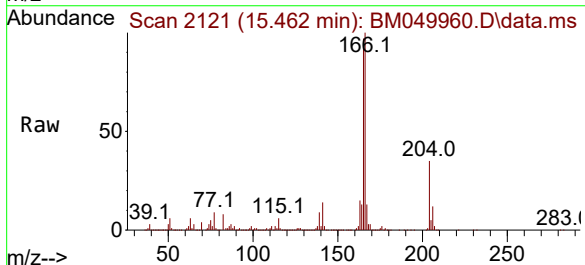
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

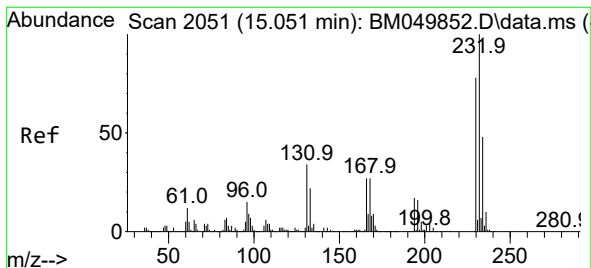
Tgt Ion:165 Resp: 648074
Ion Ratio Lower Upper
165 100
63 34.4 28.6 42.8
89 59.5 49.0 73.6
182 2.7 1.9 2.9



#58
Fluorene
Concen: 37.842 ng
RT: 15.462 min Scan# 2121
Delta R.T. -0.006 min
Lab File: BM049960.D
Acq: 18 Apr 2025 11:05

Tgt Ion:166 Resp: 2318240
Ion Ratio Lower Upper
166 100
165 96.9 76.3 114.5
167 13.4 10.7 16.1

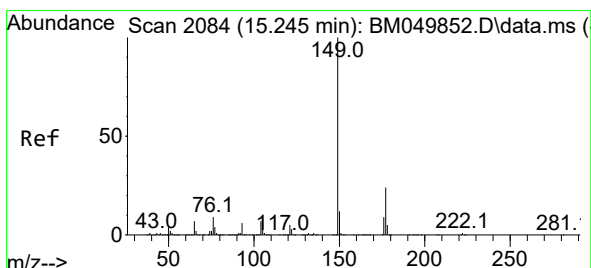
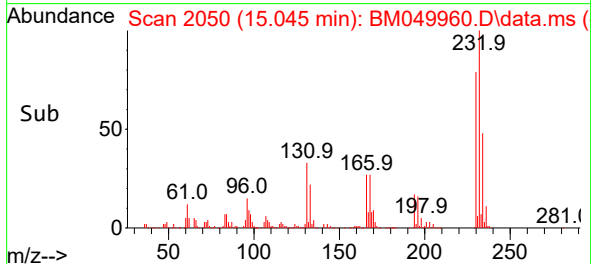
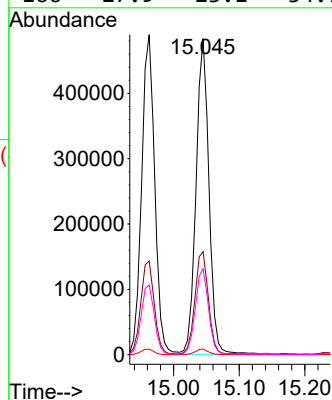
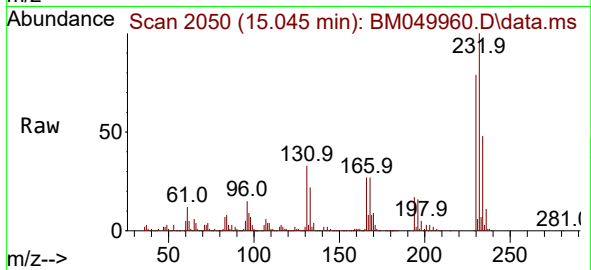




#59
2,3,4,6-Tetrachlorophenol
Concen: 36.569 ng
RT: 15.045 min Scan# 2050
Delta R.T. -0.006 min
Lab File: BM049960.D
Acq: 18 Apr 2025 11:05

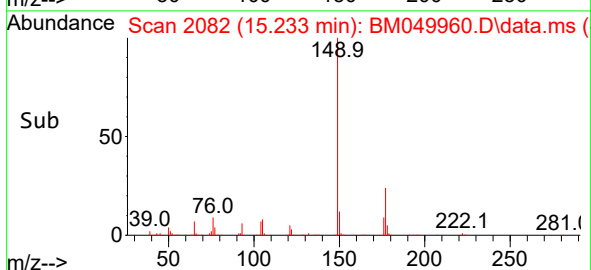
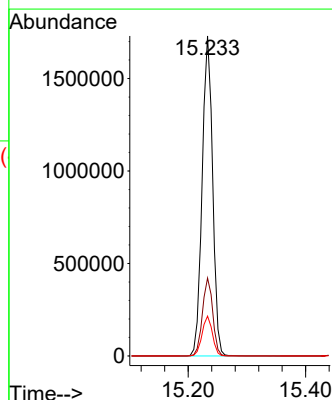
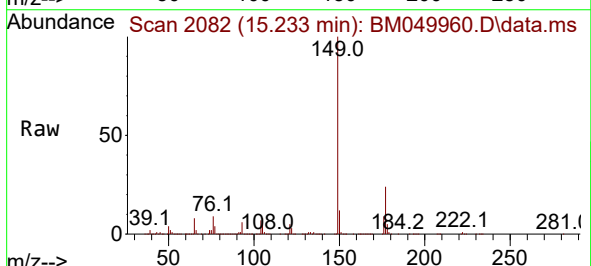
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

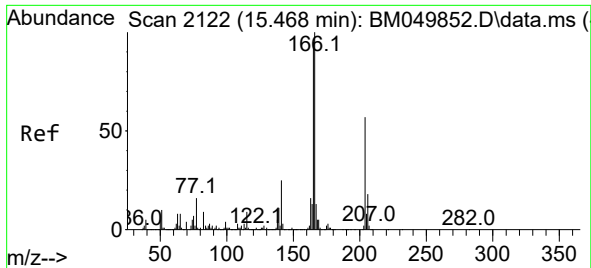
Tgt Ion:232 Resp: 660325
Ion Ratio Lower Upper
232 100
131 34.3 28.4 42.6
130 1.9 1.6 2.4
166 27.9 23.1 34.7



#60
Diethylphthalate
Concen: 37.045 ng
RT: 15.233 min Scan# 2082
Delta R.T. -0.012 min
Lab File: BM049960.D
Acq: 18 Apr 2025 11:05

Tgt Ion:149 Resp: 2134354
Ion Ratio Lower Upper
149 100
177 24.4 19.0 28.4
150 12.4 9.7 14.5

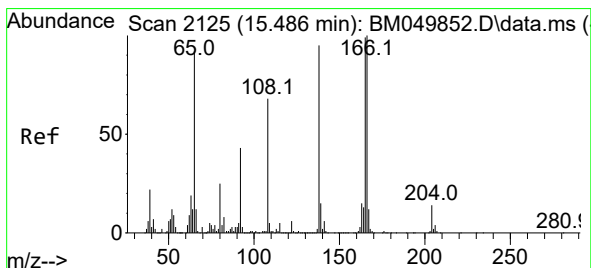
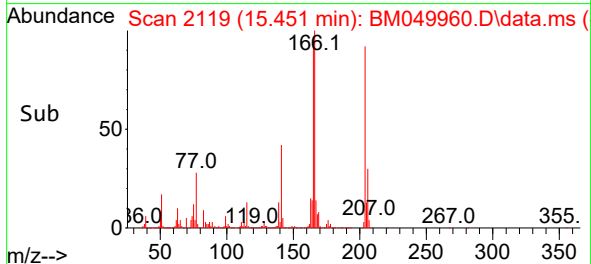
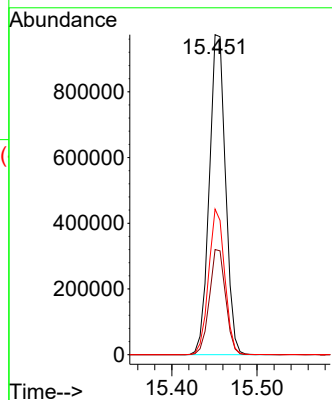
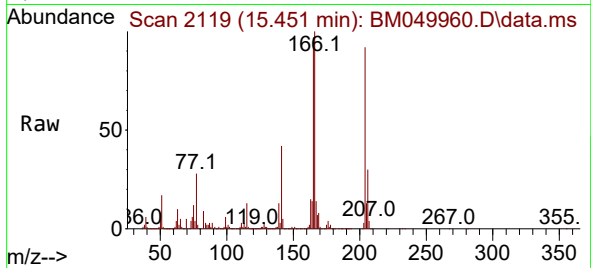




#61
4-Chlorophenyl-phenylether
Concen: 39.200 ng
RT: 15.451 min Scan# 2119
Delta R.T. -0.018 min
Lab File: BM049960.D
Acq: 18 Apr 2025 11:05

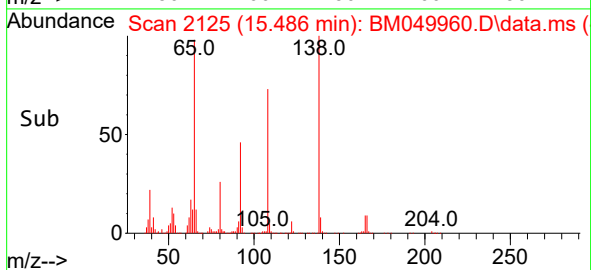
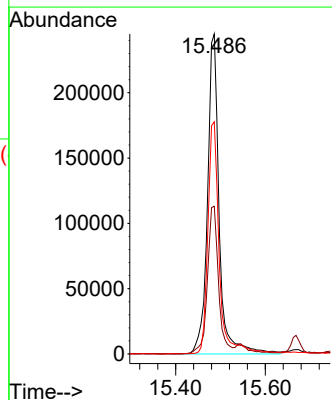
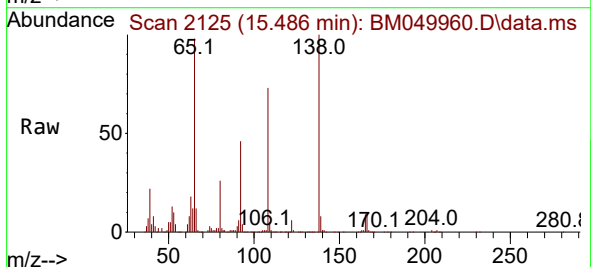
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

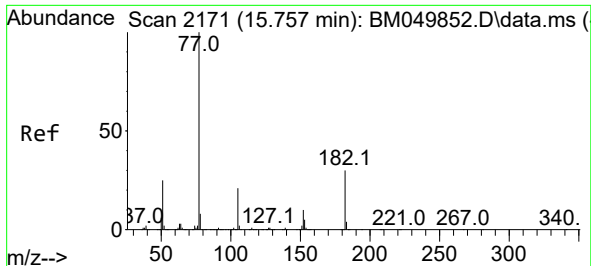
Tgt Ion:204 Resp: 1287504
Ion Ratio Lower Upper
204 100
206 32.8 26.2 39.2
141 45.5 35.0 52.6



#62
4-Nitroaniline
Concen: 35.256 ng
RT: 15.486 min Scan# 2125
Delta R.T. -0.000 min
Lab File: BM049960.D
Acq: 18 Apr 2025 11:05

Tgt Ion:138 Resp: 443560
Ion Ratio Lower Upper
138 100
92 46.2 24.9 64.9
108 72.6 51.7 91.7

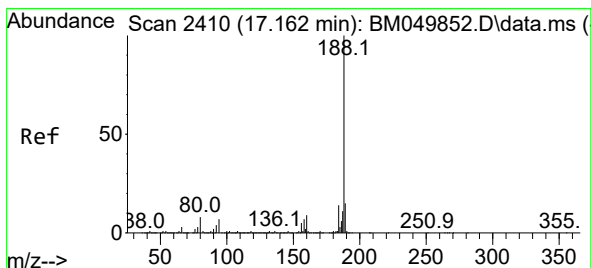
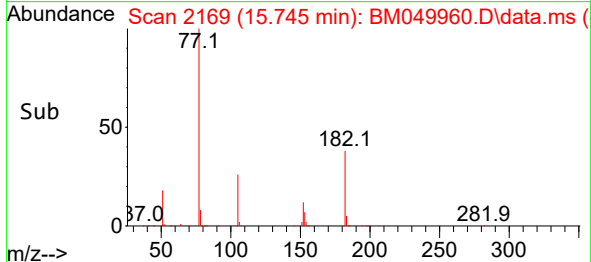
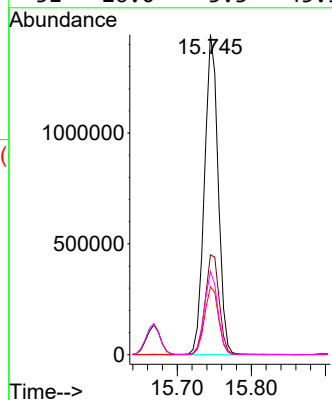
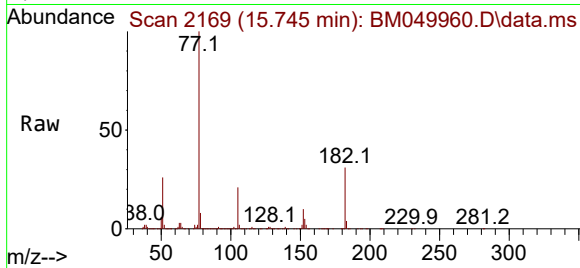




#63
Azobenzene
Concen: 37.403 ng
RT: 15.745 min Scan# 2171
Delta R.T. -0.012 min
Lab File: BM049960.D
Acq: 18 Apr 2025 11:05

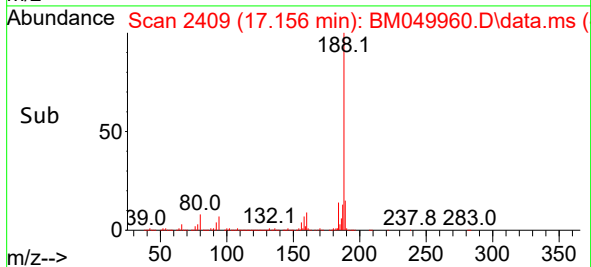
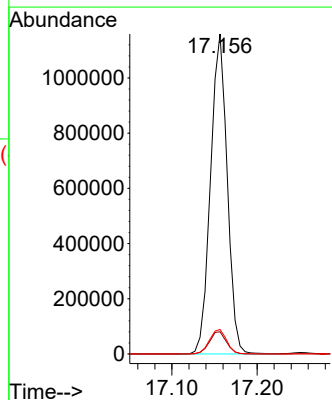
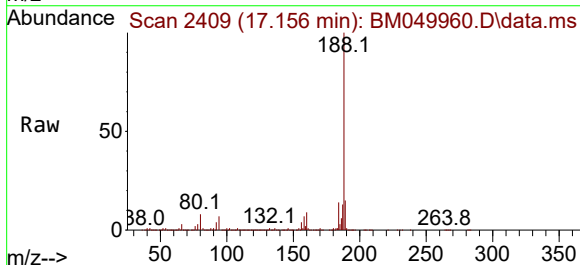
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

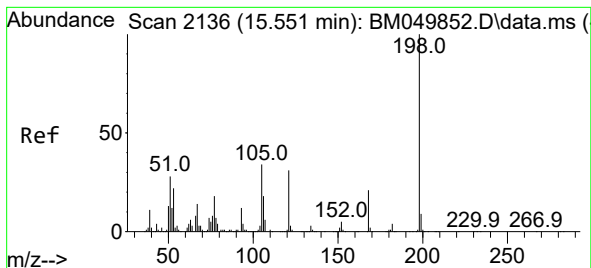
Tgt Ion: 77 Resp: 1844966
Ion Ratio Lower Upper
77 100
182 31.2 10.4 50.4
105 21.2 1.5 41.5
51 26.0 5.3 45.3



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.156 min Scan# 2409
Delta R.T. -0.006 min
Lab File: BM049960.D
Acq: 18 Apr 2025 11:05

Tgt Ion:188 Resp: 1575892
Ion Ratio Lower Upper
188 100
94 6.9 5.8 8.6
80 7.6 6.4 9.6

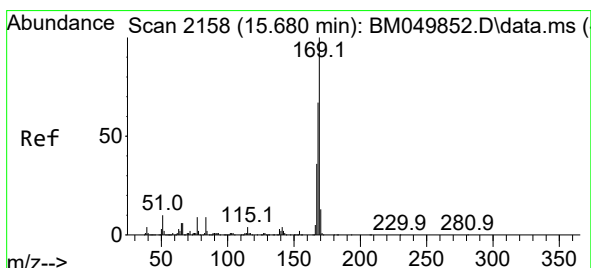
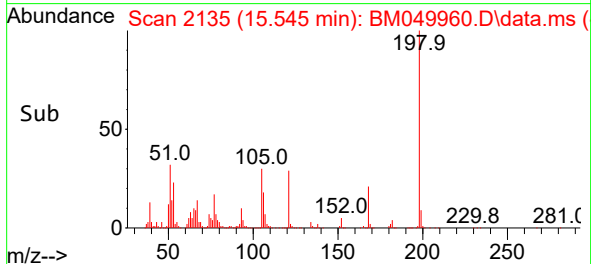
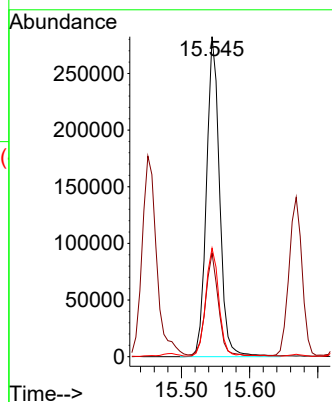
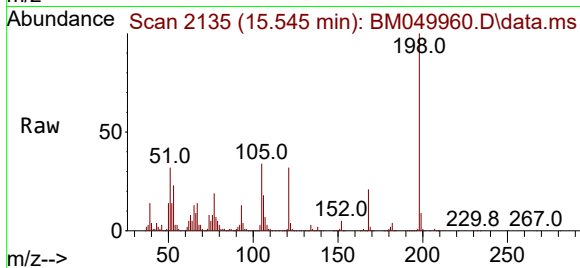




#65
4,6-Dinitro-2-methylphenol
Concen: 38.203 ng
RT: 15.545 min Scan# 2135
Delta R.T. -0.006 min
Lab File: BM049960.D
Acq: 18 Apr 2025 11:05

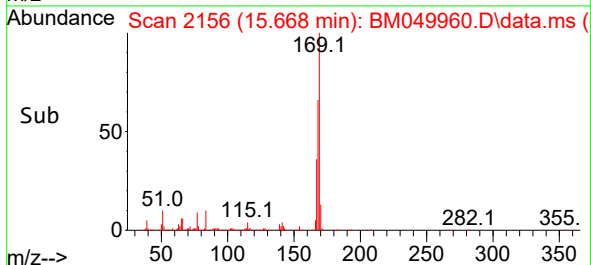
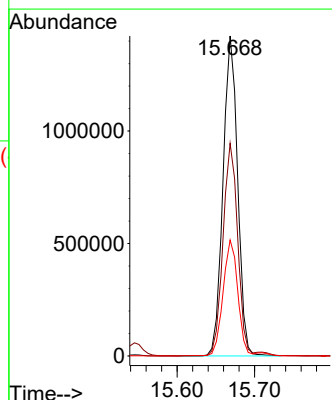
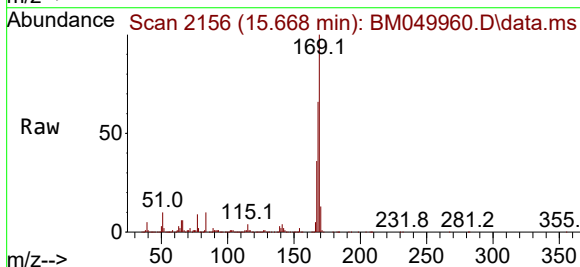
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

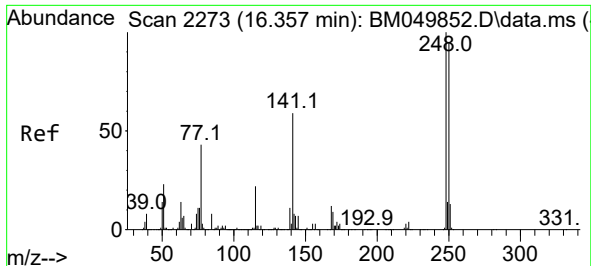
Tgt Ion:198 Resp: 379379
Ion Ratio Lower Upper
198 100
51 32.4 9.6 49.6
105 33.9 14.7 54.7



#66
n-Nitrosodiphenylamine
Concen: 39.521 ng
RT: 15.668 min Scan# 2156
Delta R.T. -0.012 min
Lab File: BM049960.D
Acq: 18 Apr 2025 11:05

Tgt Ion:169 Resp: 1863828
Ion Ratio Lower Upper
169 100
168 66.5 53.4 80.2
167 36.3 29.0 43.6

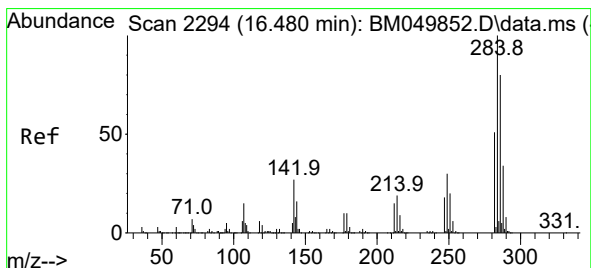
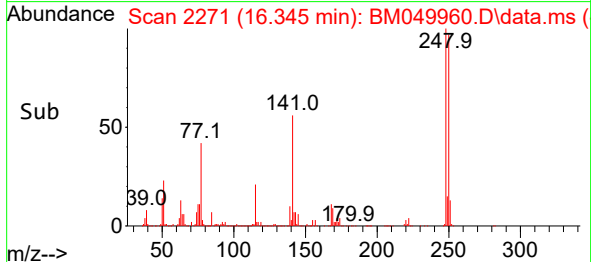
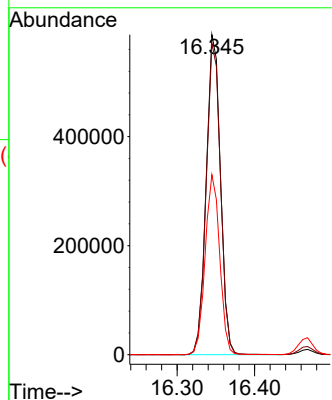
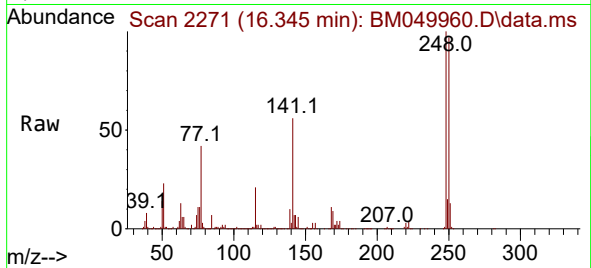




#67
4-Bromophenyl-phenylether
Concen: 40.975 ng
RT: 16.345 min Scan# 21
Delta R.T. -0.012 min
Lab File: BM049960.D
Acq: 18 Apr 2025 11:05

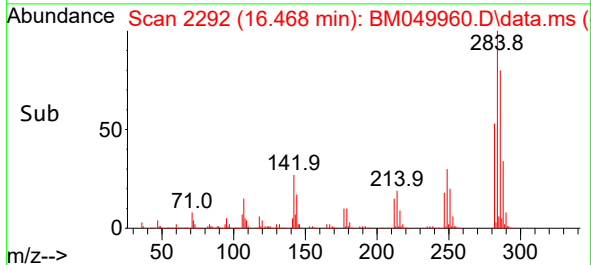
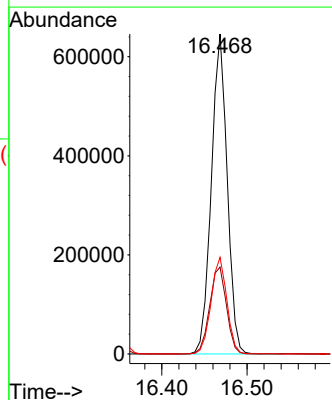
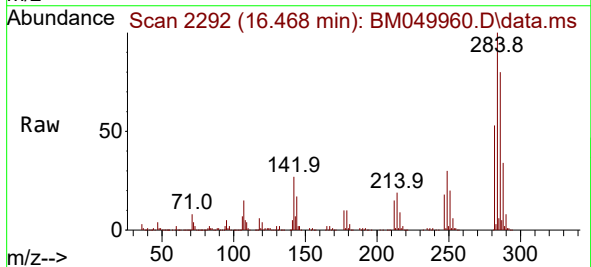
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

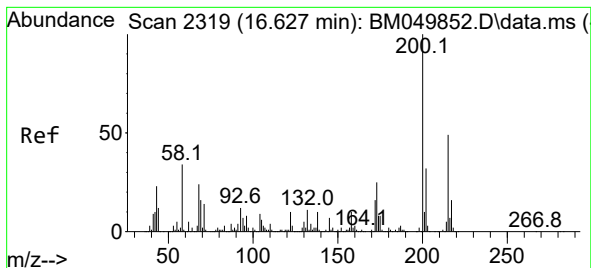
Tgt Ion:248 Resp: 749612
Ion Ratio Lower Upper
248 100
250 97.3 76.2 114.2
141 56.3 47.3 70.9



#68
Hexachlorobenzene
Concen: 39.694 ng
RT: 16.468 min Scan# 2292
Delta R.T. -0.012 min
Lab File: BM049960.D
Acq: 18 Apr 2025 11:05

Tgt Ion:284 Resp: 832935
Ion Ratio Lower Upper
284 100
142 27.2 21.2 31.8
249 30.2 24.1 36.1





#69

Atrazine

Concen: 35.262 ng

RT: 16.621 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM049960.D

Acq: 18 Apr 2025 11:05

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

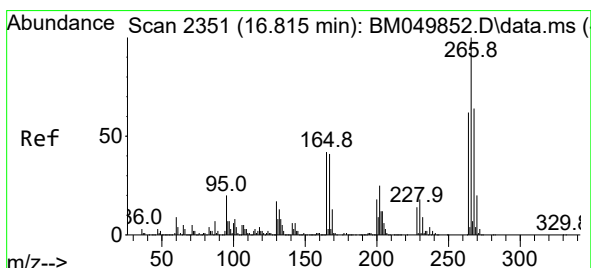
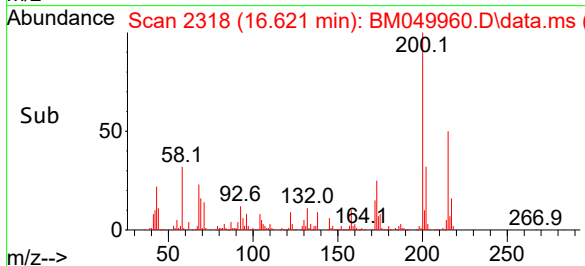
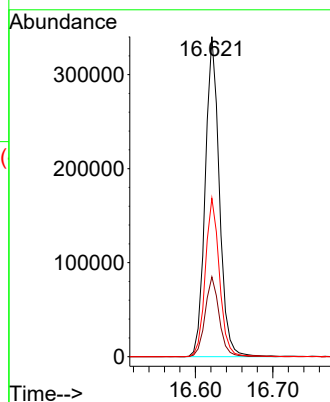
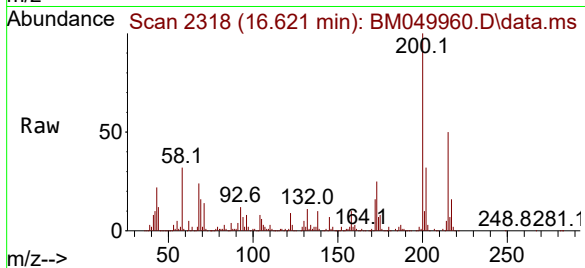
Tgt Ion:200 Resp: 431183

Ion Ratio Lower Upper

200 100

173 25.0 5.4 45.4

215 49.5 29.0 69.0



#70

Pentachlorophenol

Concen: 34.536 ng

RT: 16.815 min Scan# 2351

Delta R.T. -0.000 min

Lab File: BM049960.D

Acq: 18 Apr 2025 11:05

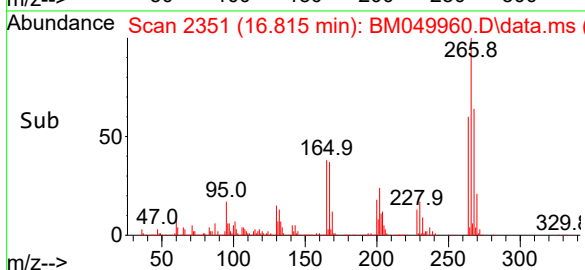
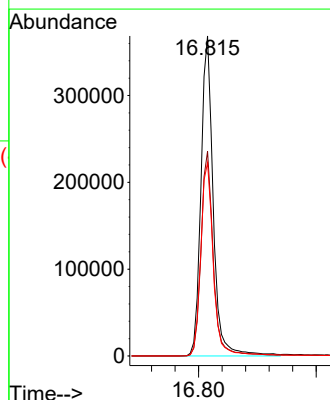
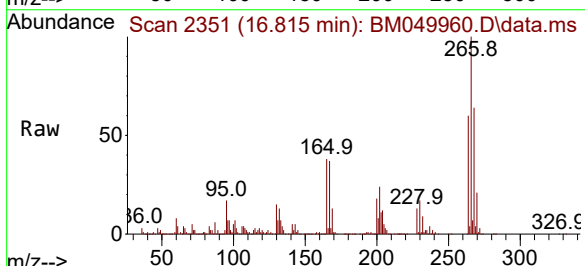
Tgt Ion:266 Resp: 533542

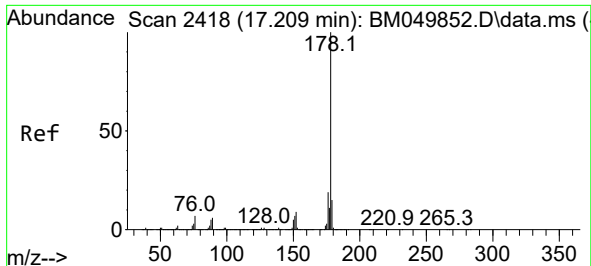
Ion Ratio Lower Upper

266 100

268 64.0 51.4 77.2

264 60.4 49.8 74.8

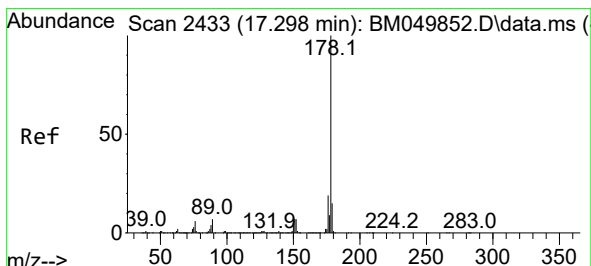
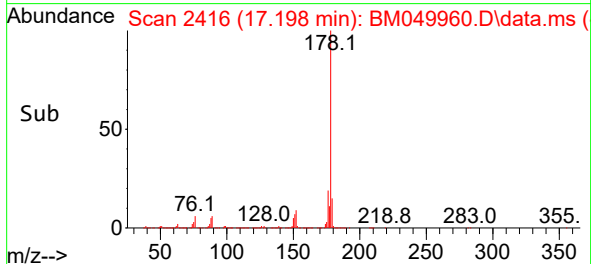
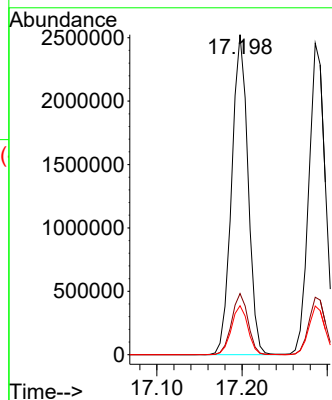
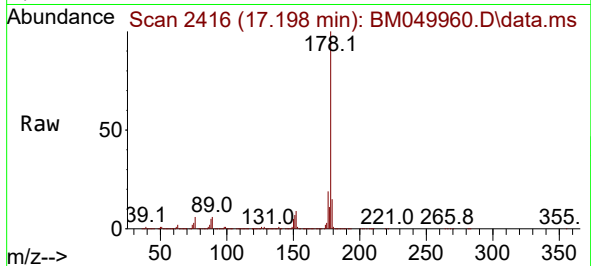




#71
Phenanthrene
Concen: 38.948 ng
RT: 17.198 min Scan# 2418
Delta R.T. -0.012 min
Lab File: BM049960.D
Acq: 18 Apr 2025 11:05

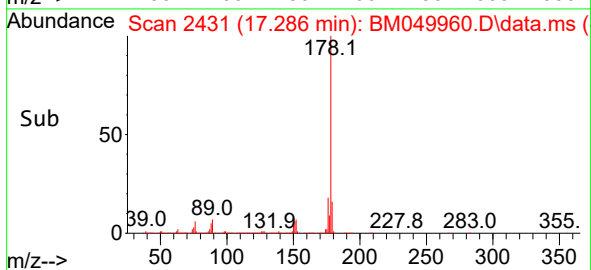
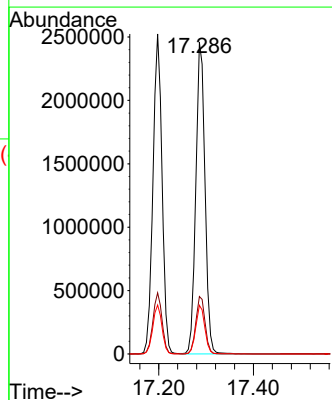
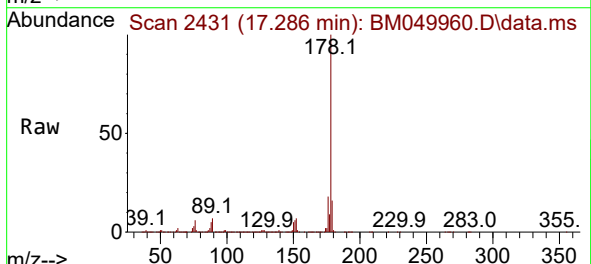
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

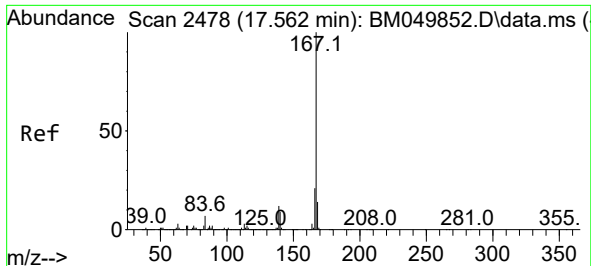
Tgt Ion:178 Resp: 3364972
Ion Ratio Lower Upper
178 100
176 19.1 15.4 23.2
179 15.3 12.3 18.5



#72
Anthracene
Concen: 38.926 ng
RT: 17.286 min Scan# 2431
Delta R.T. -0.012 min
Lab File: BM049960.D
Acq: 18 Apr 2025 11:05

Tgt Ion:178 Resp: 3314212
Ion Ratio Lower Upper
178 100
176 18.5 15.1 22.7
179 15.6 12.4 18.6

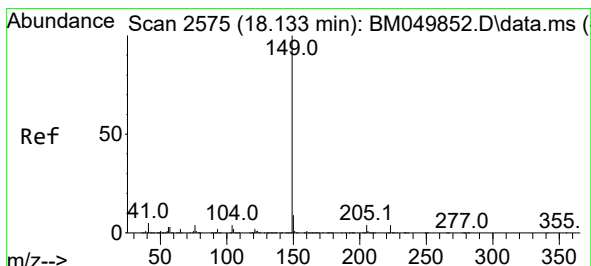
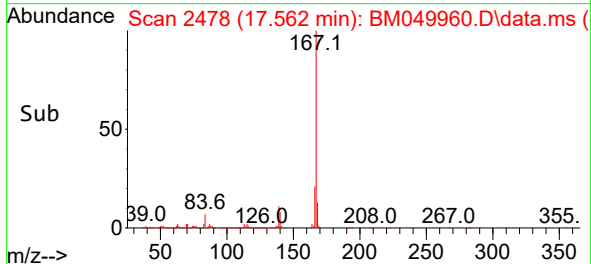
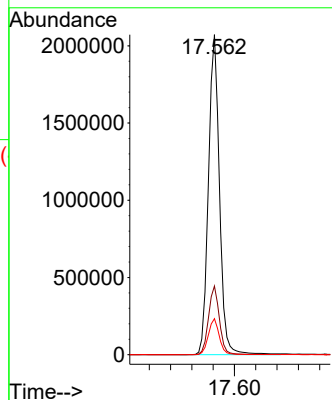
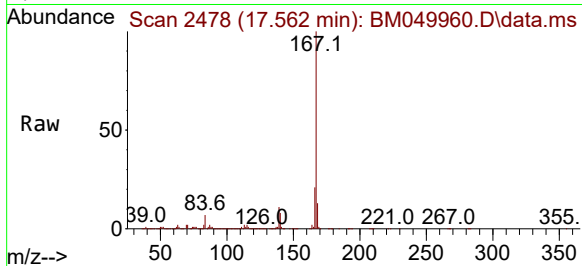




#73
 Carbazole
 Concen: 37.098 ng
 RT: 17.562 min Scan# 2478
 Delta R.T. -0.000 min
 Lab File: BM049960.D
 Acq: 18 Apr 2025 11:05

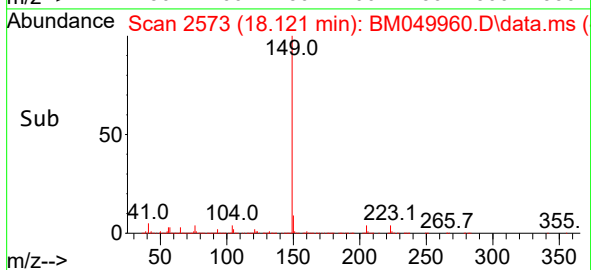
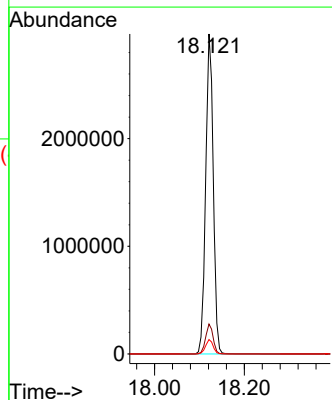
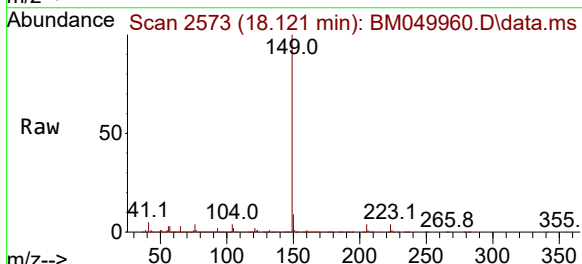
Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC040

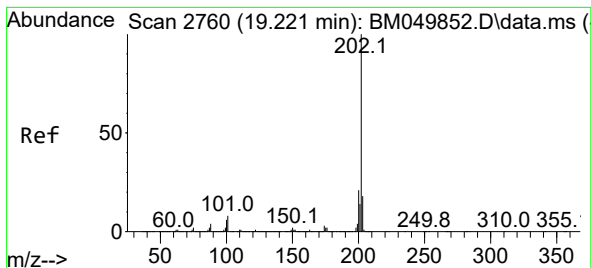
Tgt Ion:167 Resp: 2974986
 Ion Ratio Lower Upper
 167 100
 166 21.5 16.9 25.3
 139 11.3 9.3 13.9



#74
 Di-n-butylphthalate
 Concen: 37.583 ng
 RT: 18.121 min Scan# 2573
 Delta R.T. -0.012 min
 Lab File: BM049960.D
 Acq: 18 Apr 2025 11:05

Tgt Ion:149 Resp: 3471451
 Ion Ratio Lower Upper
 149 100
 150 9.4 7.5 11.3
 104 4.5 3.5 5.3





#75

Fluoranthene

Concen: 37.392 ng

RT: 19.215 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM049960.D

Acq: 18 Apr 2025 11:05

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

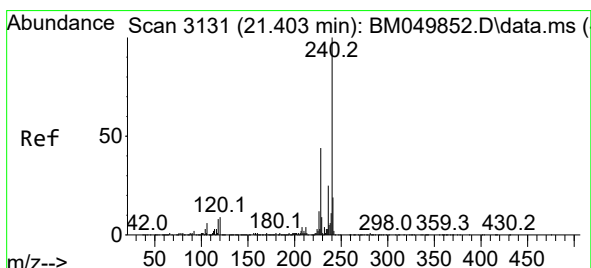
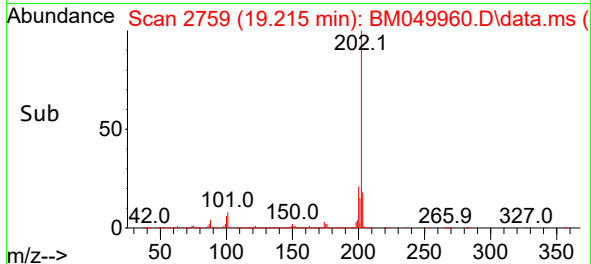
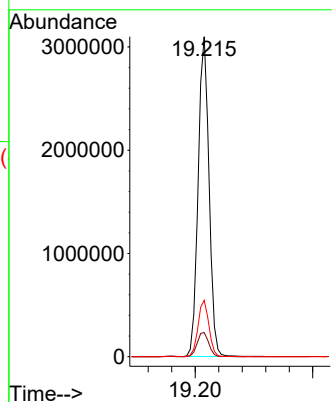
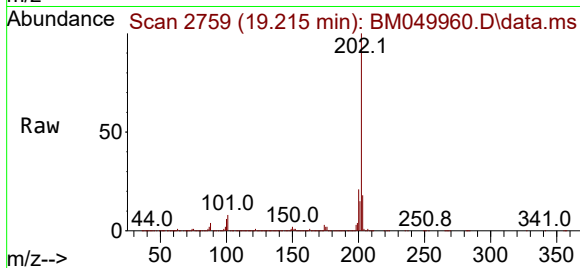
Tgt Ion:202 Resp: 3972091

Ion Ratio Lower Upper

202 100

101 7.5 0.0 28.4

203 17.6 0.0 37.8



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.397 min Scan# 3130

Delta R.T. -0.006 min

Lab File: BM049960.D

Acq: 18 Apr 2025 11:05

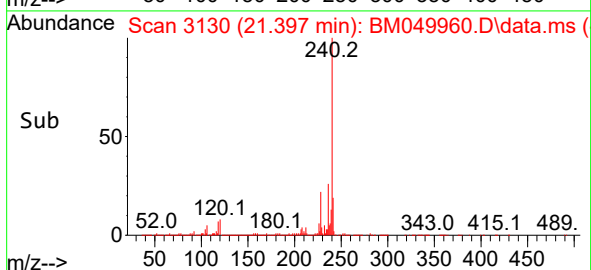
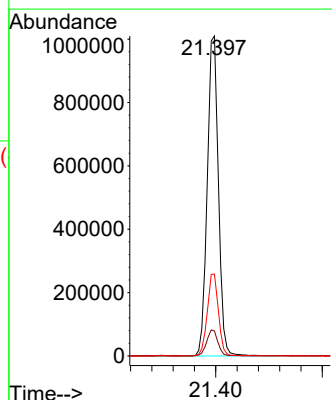
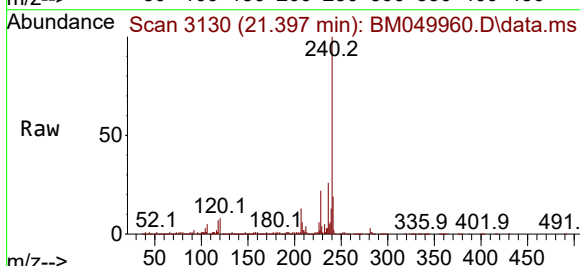
Tgt Ion:240 Resp: 1471772

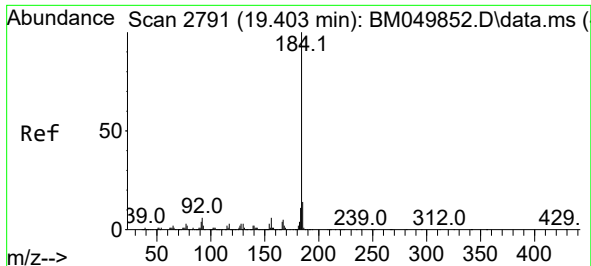
Ion Ratio Lower Upper

240 100

120 7.8 6.9 10.3

236 25.6 20.4 30.6

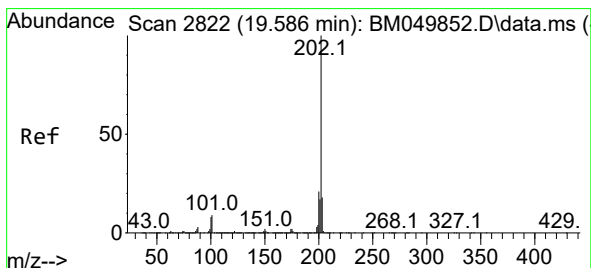
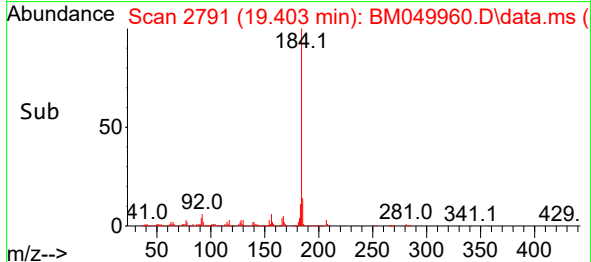
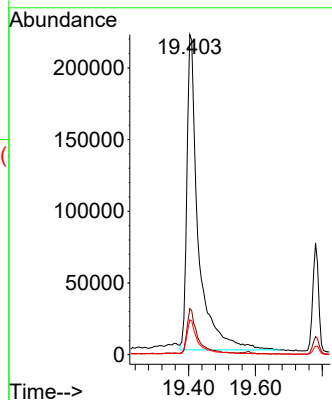
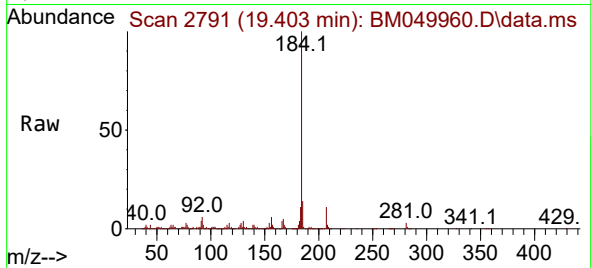




#77
Benzidine
Concen: 26.633 ng
RT: 19.403 min Scan# 21
Delta R.T. -0.000 min
Lab File: BM049960.D
Acq: 18 Apr 2025 11:05

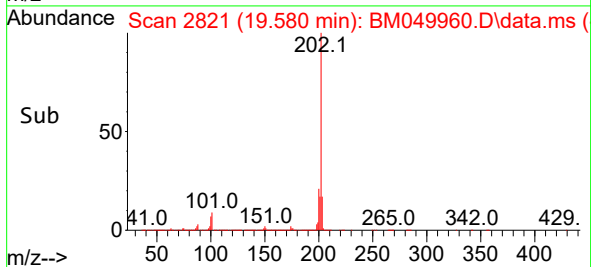
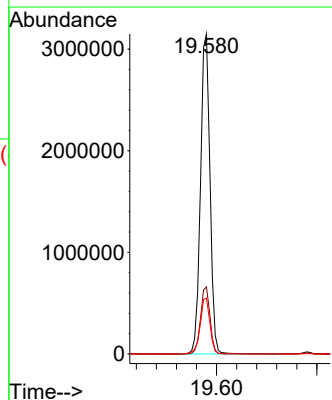
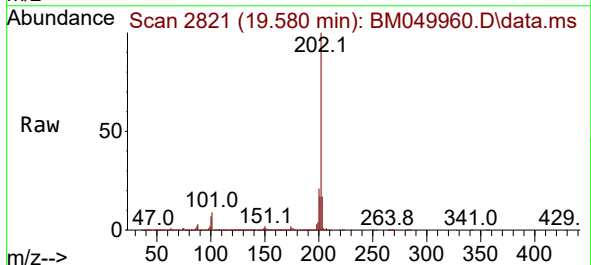
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

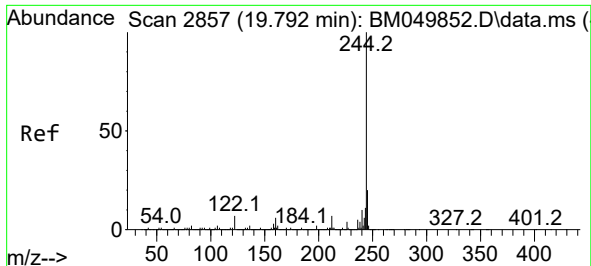
Tgt Ion:184 Resp: 520010
Ion Ratio Lower Upper
184 100
185 14.4 11.4 17.2
183 10.9 8.8 13.2



#78
Pyrene
Concen: 40.591 ng
RT: 19.580 min Scan# 2821
Delta R.T. -0.006 min
Lab File: BM049960.D
Acq: 18 Apr 2025 11:05

Tgt Ion:202 Resp: 4117230
Ion Ratio Lower Upper
202 100
200 21.0 16.5 24.7
203 17.4 14.0 21.0

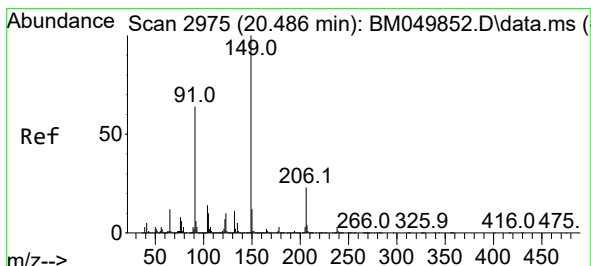
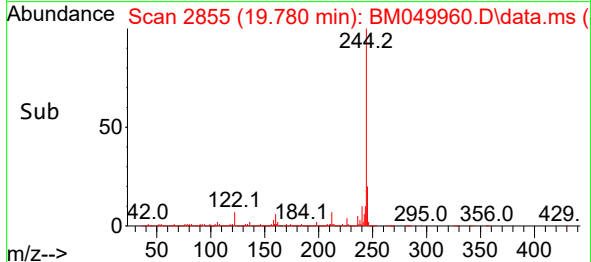
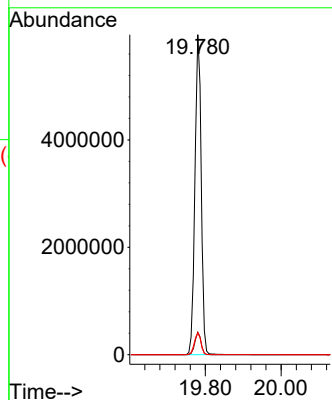
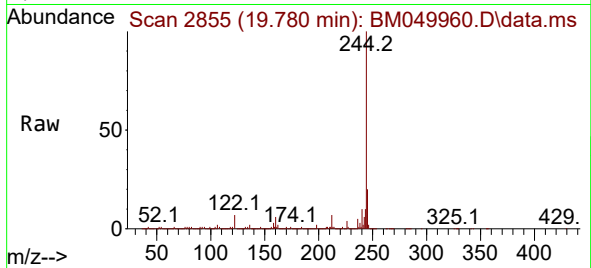




#79
 Terphenyl-d14
 Concen: 87.921 ng
 RT: 19.780 min Scan# 21
 Delta R.T. -0.012 min
 Lab File: BM049960.D
 Acq: 18 Apr 2025 11:05

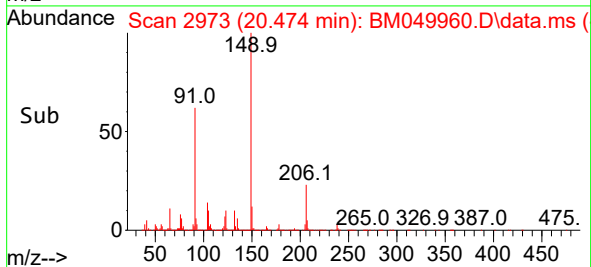
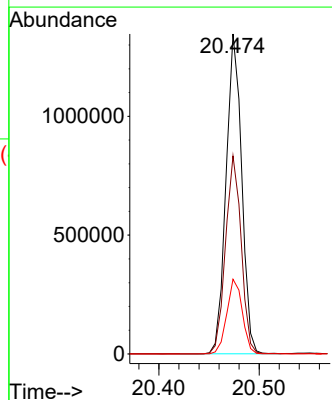
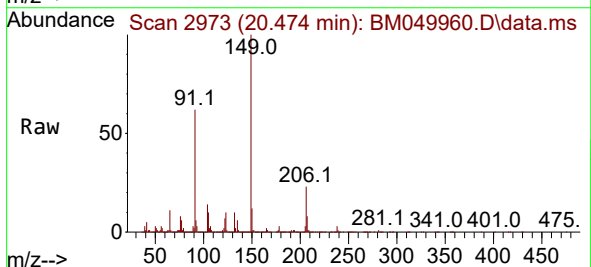
Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC040

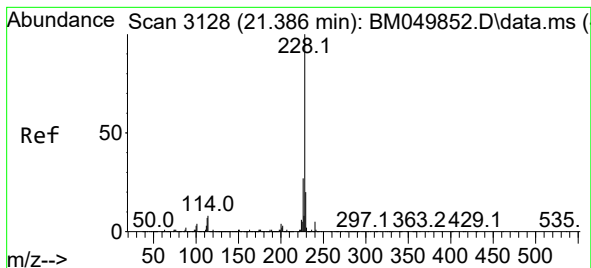
Tgt Ion:244 Resp: 6904828
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.5 8.3
 122 6.8 5.4 8.0



#80
 Butylbenzylphthalate
 Concen: 38.110 ng
 RT: 20.474 min Scan# 2973
 Delta R.T. -0.012 min
 Lab File: BM049960.D
 Acq: 18 Apr 2025 11:05

Tgt Ion:149 Resp: 1452507
 Ion Ratio Lower Upper
 149 100
 91 61.9 50.9 76.3
 206 23.4 18.4 27.6





#81

Benzo(a)anthracene

Concen: 38.891 ng

RT: 21.374 min Scan# 3113

Delta R.T. -0.012 min

Lab File: BM049960.D

Acq: 18 Apr 2025 11:05

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

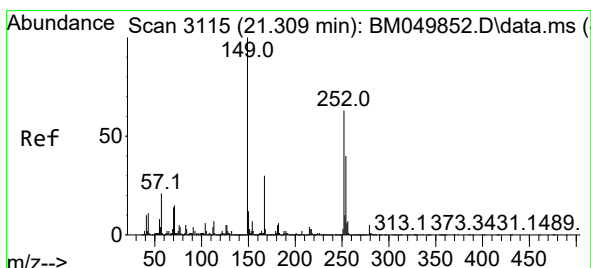
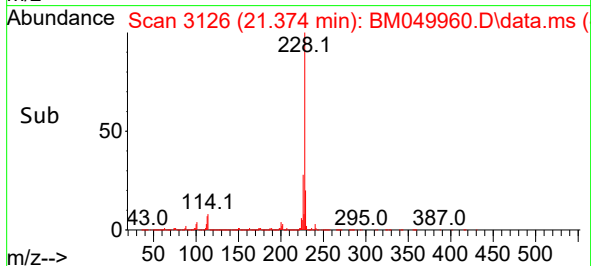
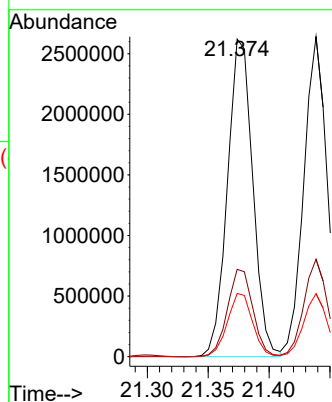
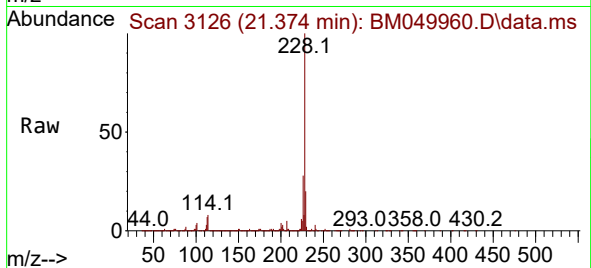
Tgt Ion:228 Resp: 3804085

Ion Ratio Lower Upper

228 100

226 27.5 21.8 32.8

229 19.9 15.8 23.8



#82

3,3'-Dichlorobenzidine

Concen: 34.723 ng

RT: 21.297 min Scan# 3113

Delta R.T. -0.012 min

Lab File: BM049960.D

Acq: 18 Apr 2025 11:05

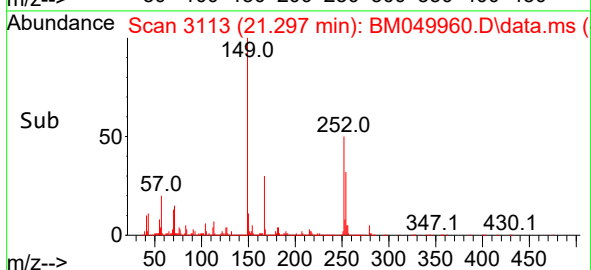
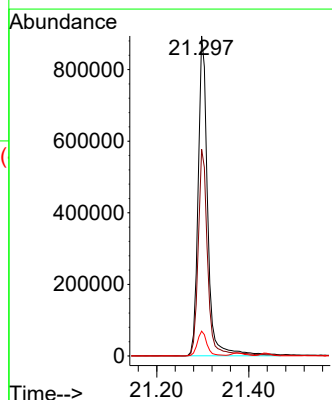
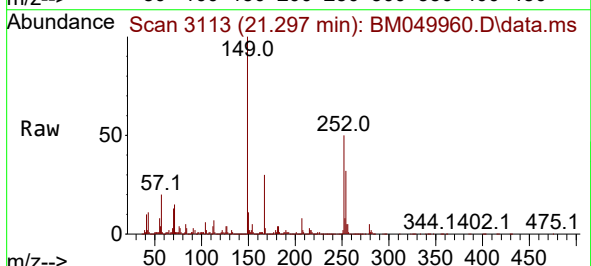
Tgt Ion:252 Resp: 1282611

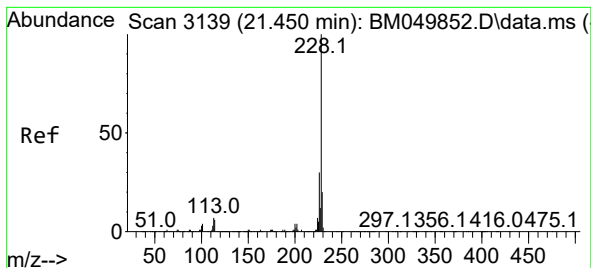
Ion Ratio Lower Upper

252 100

254 64.6 51.5 77.3

126 7.8 6.3 9.5





#83

Chrysene

Concen: 38.354 ng

RT: 21.439 min Scan# 3139

Delta R.T. -0.012 min

Lab File: BM049960.D

Acq: 18 Apr 2025 11:05

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

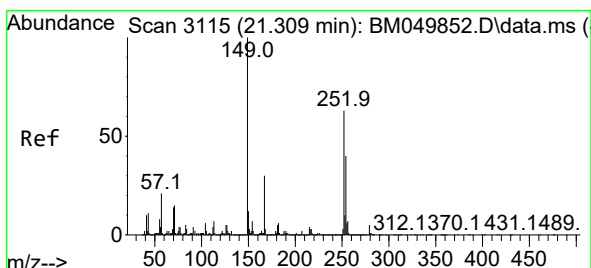
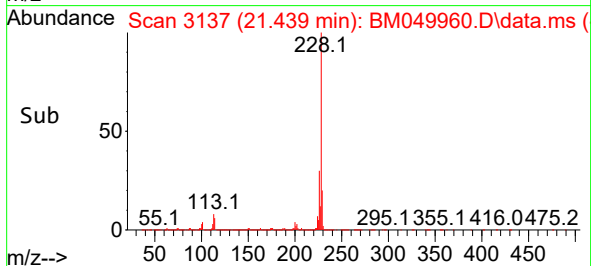
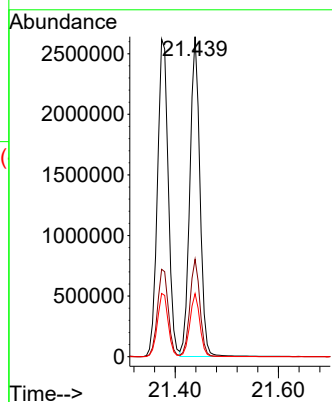
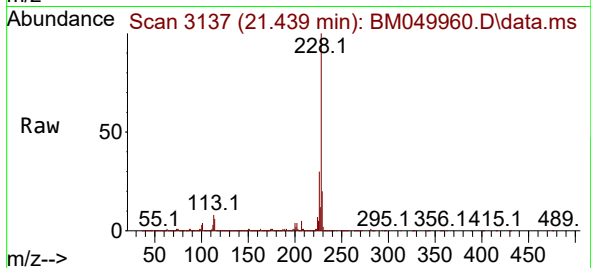
Tgt Ion:228 Resp: 3566630

Ion Ratio Lower Upper

228 100

226 30.4 24.1 36.1

229 19.7 15.8 23.6



#84

Bis(2-ethylhexyl)phthalate

Concen: 38.135 ng

RT: 21.297 min Scan# 3113

Delta R.T. -0.012 min

Lab File: BM049960.D

Acq: 18 Apr 2025 11:05

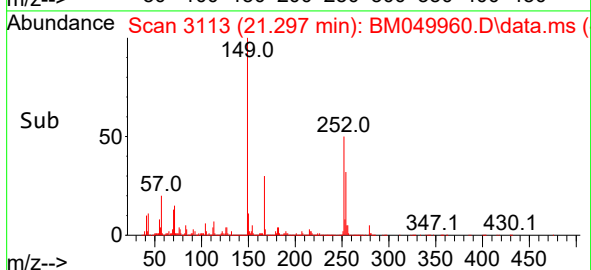
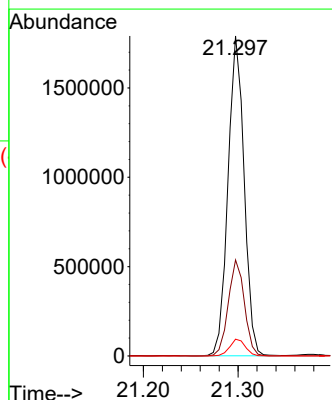
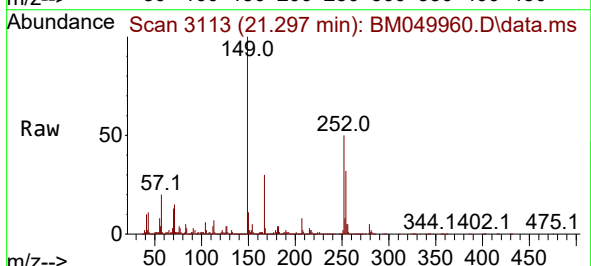
Tgt Ion:149 Resp: 2117603

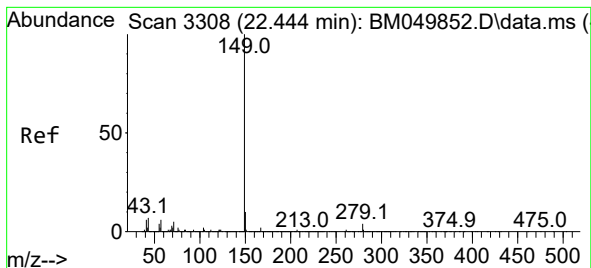
Ion Ratio Lower Upper

149 100

167 30.0 23.8 35.6

279 5.2 3.8 5.8





#85

Di-n-octyl phthalate

Concen: 36.098 ng

RT: 22.427 min Scan# 31

Delta R.T. -0.018 min

Lab File: BM049960.D

Acq: 18 Apr 2025 11:05

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

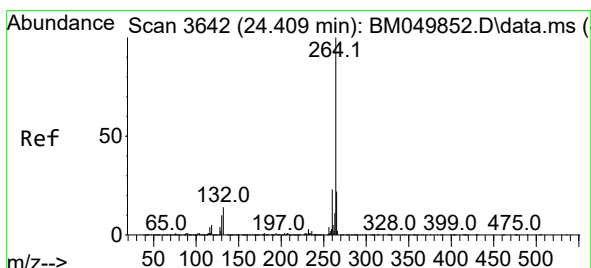
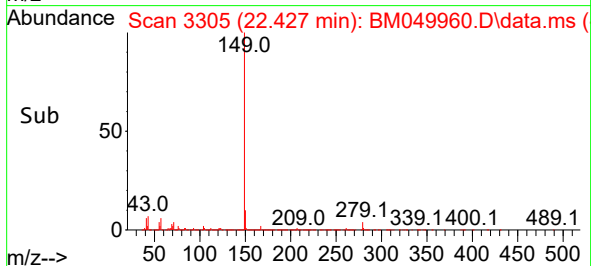
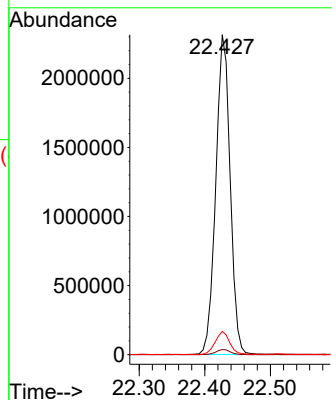
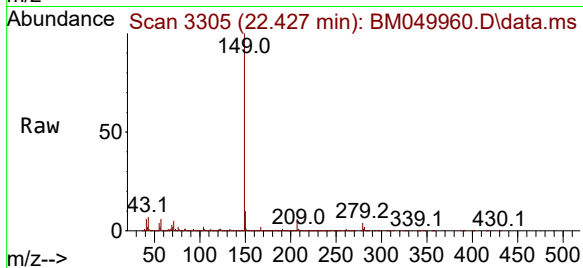
Tgt Ion:149 Resp: 3506750

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 7.2 5.8 8.6



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.391 min Scan# 3639

Delta R.T. -0.018 min

Lab File: BM049960.D

Acq: 18 Apr 2025 11:05

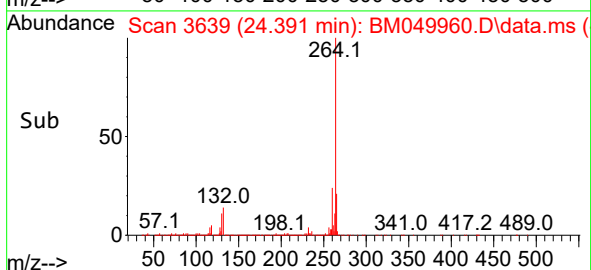
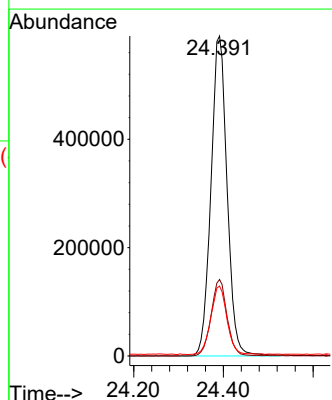
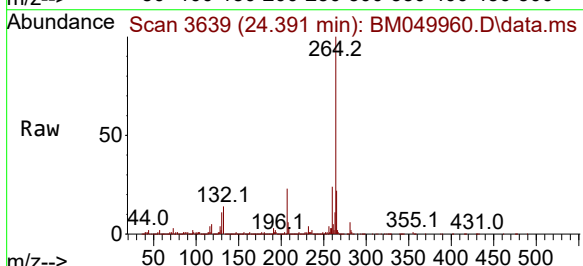
Tgt Ion:264 Resp: 1474242

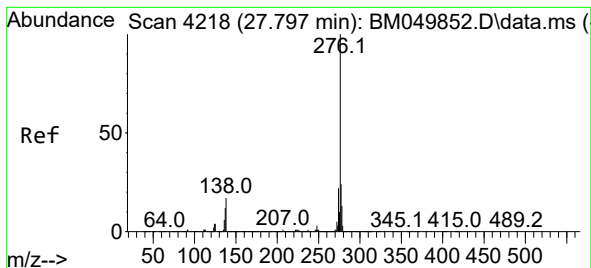
Ion Ratio Lower Upper

264 100

260 23.9 18.6 28.0

265 21.9 17.8 26.8





#87

Indeno(1,2,3-cd)pyrene

Concen: 38.618 ng

RT: 27.779 min Scan# 41

Delta R.T. -0.018 min

Lab File: BM049960.D

Acq: 18 Apr 2025 11:05

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

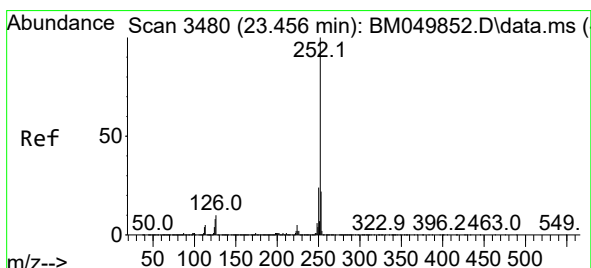
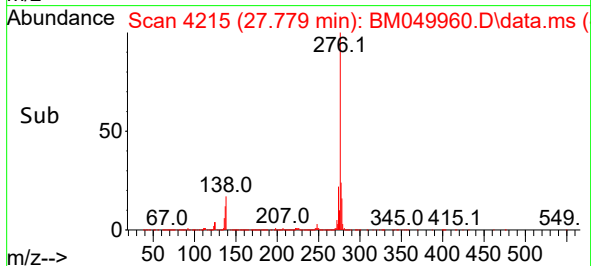
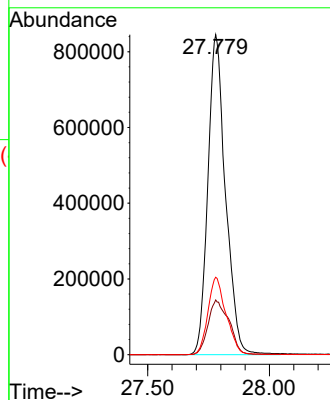
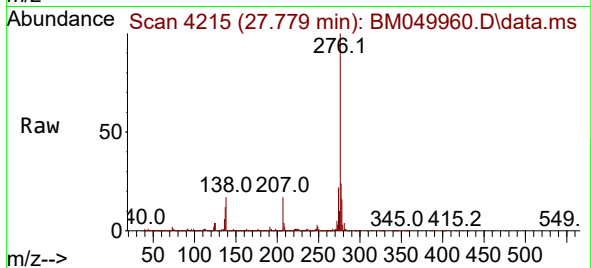
Tgt Ion:276 Resp: 4243760

Ion Ratio Lower Upper

276 100

138 20.2 16.8 25.2

277 25.0 20.1 30.1



#88

Benzo(b)fluoranthene

Concen: 39.181 ng

RT: 23.444 min Scan# 3478

Delta R.T. -0.012 min

Lab File: BM049960.D

Acq: 18 Apr 2025 11:05

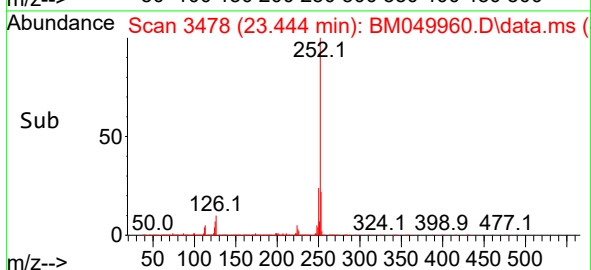
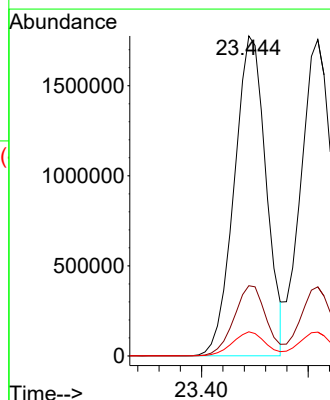
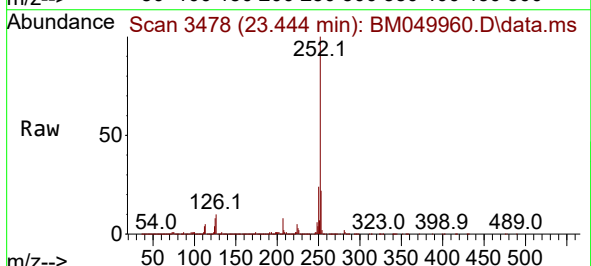
Tgt Ion:252 Resp: 3689099

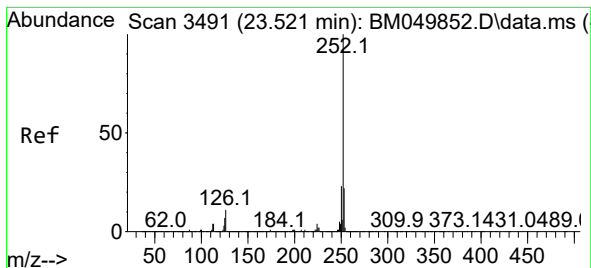
Ion Ratio Lower Upper

252 100

253 22.0 17.5 26.3

125 7.5 6.2 9.4





#89

Benzo(k)fluoranthene

Concen: 40.002 ng

RT: 23.509 min Scan# 34

Delta R.T. -0.012 min

Lab File: BM049960.D

Acq: 18 Apr 2025 11:05

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

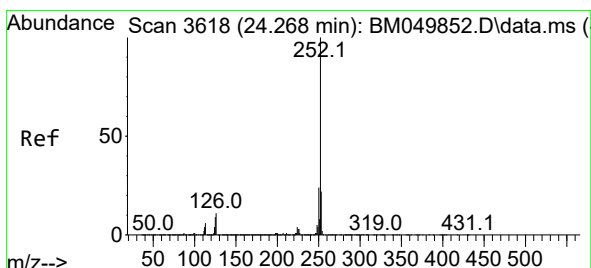
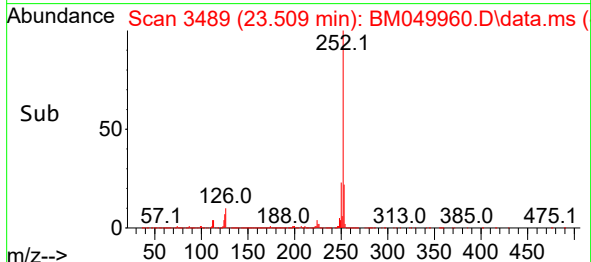
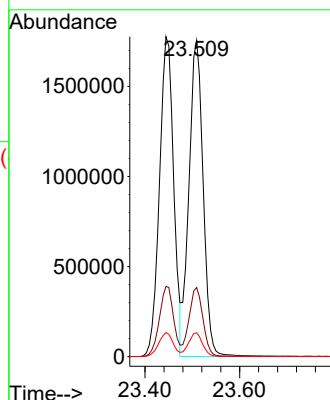
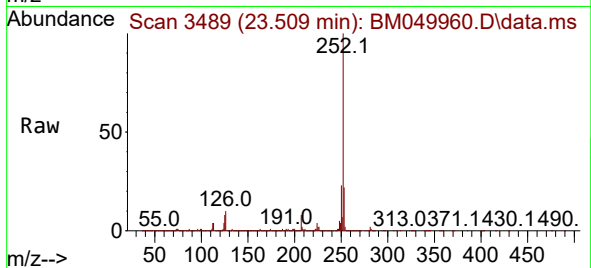
Tgt Ion:252 Resp: 3649902

Ion Ratio Lower Upper

252 100

253 21.9 17.4 26.2

125 7.5 5.8 8.8



#90

Benzo(a)pyrene

Concen: 39.182 ng

RT: 24.256 min Scan# 3616

Delta R.T. -0.012 min

Lab File: BM049960.D

Acq: 18 Apr 2025 11:05

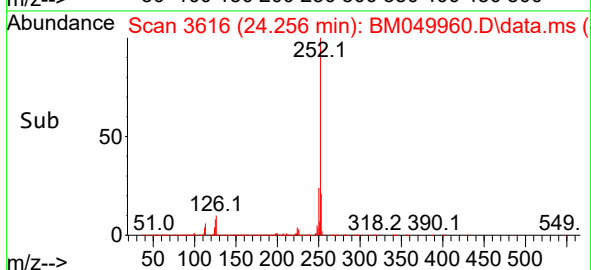
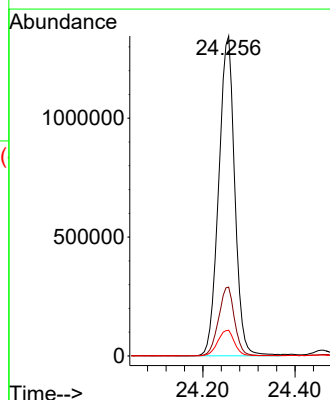
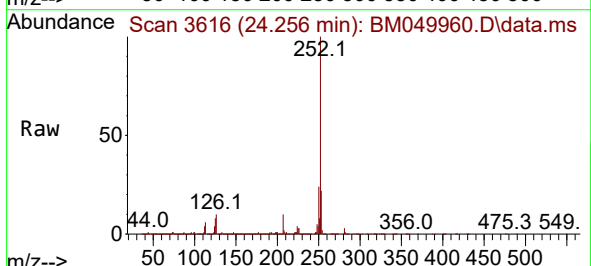
Tgt Ion:252 Resp: 3241784

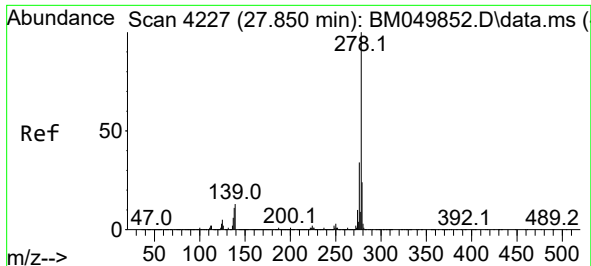
Ion Ratio Lower Upper

252 100

253 21.5 17.8 26.8

125 8.1 7.0 10.4

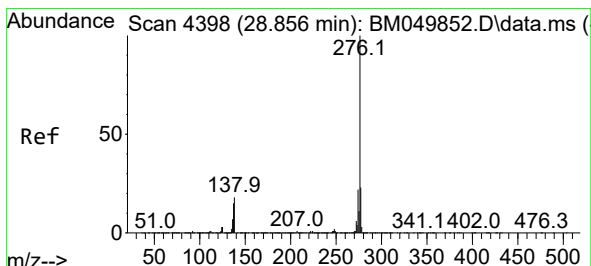
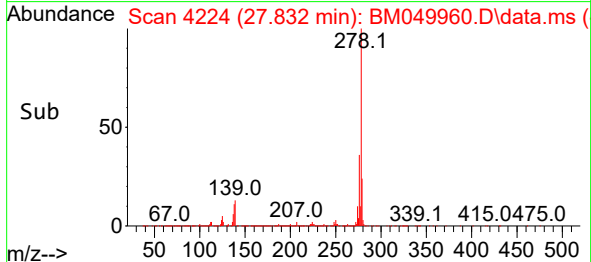
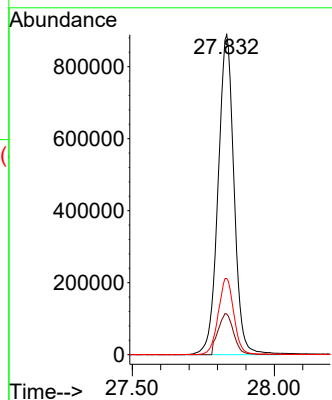
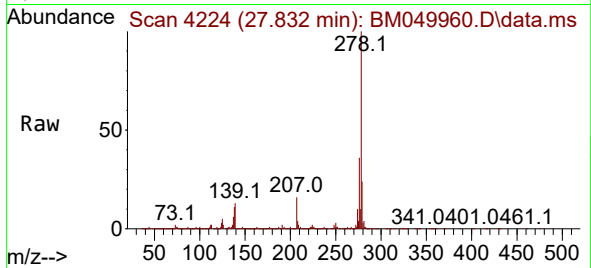




#91
Dibenzo(a,h)anthracene
Concen: 38.297 ng
RT: 27.832 min Scan# 41
Delta R.T. -0.018 min
Lab File: BM049960.D
Acq: 18 Apr 2025 11:05

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion:278 Resp: 3466473
Ion Ratio Lower Upper
278 100
139 12.7 10.6 15.8
279 23.8 19.1 28.7



#92
Benzo(g,h,i)perylene
Concen: 37.916 ng
RT: 28.832 min Scan# 4394
Delta R.T. -0.024 min
Lab File: BM049960.D
Acq: 18 Apr 2025 11:05

Tgt Ion:276 Resp: 3507107
Ion Ratio Lower Upper
276 100
277 23.4 18.7 28.1
138 16.9 14.6 21.8

