

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM020625\
 Data File : BM049588.D
 Acq On : 06 Feb 2025 20:57
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC040

Quant Time: Feb 07 01:31:03 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM020525.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 06 04:55:28 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.822	152	204173	20.000	ng	0.00
21) Naphthalene-d8	10.622	136	791953	20.000	ng	0.00
39) Acenaphthene-d10	14.463	164	507064	20.000	ng	0.00
64) Phenanthrene-d10	17.204	188	974401	20.000	ng	0.00
76) Chrysene-d12	21.445	240	966828	20.000	ng	0.00
86) Perylene-d12	24.468	264	781266	20.000	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.393	112	1039473	81.870	ng	0.00
7) Phenol-d6	6.981	99	1381781	83.069	ng	0.00
23) Nitrobenzene-d5	8.975	82	1339933	87.029	ng	0.00
42) 2,4,6-Tribromophenol	15.945	330	488036	81.227	ng	0.00
45) 2-Fluorobiphenyl	13.092	172	3379027	86.328	ng	0.00
79) Terphenyl-d14	19.827	244	6030428	95.247	ng	0.00

Target Compounds					Qvalue
2) 1,4-Dioxane	3.299	88	221737	41.536	ng 98
3) Pyridine	3.693	79	621113	41.869	ng 97
4) n-Nitrosodimethylamine	3.604	42	302408	43.570	ng 96
6) Aniline	7.145	93	635738	40.325	ng 99
8) 2-Chlorophenol	7.387	128	520379	41.046	ng 97
9) Benzaldehyde	6.957	77	391603	44.462	ng 97
10) Phenol	7.004	94	681240	41.580	ng 97
11) bis(2-Chloroethyl)ether	7.245	93	553909	41.789	ng 97
12) 1,3-Dichlorobenzene	7.716	146	607270	41.267	ng 100
13) 1,4-Dichlorobenzene	7.863	146	618629	41.561	ng 99
14) 1,2-Dichlorobenzene	8.181	146	603136	41.965	ng 99
15) Benzyl Alcohol	8.057	79	461665	39.893	ng 97
16) 2,2'-oxybis(1-Chloropr...	8.363	45	790883	44.324	ng 100
17) 2-Methylphenol	8.257	107	418960	41.821	ng 97
18) Hexachloroethane	8.910	117	229431	42.199	ng 99
19) n-Nitroso-di-n-propyla...	8.634	70	480010	44.067	ng 99
20) 3+4-Methylphenols	8.587	107	558676	42.245	ng 99
22) Acetophenone	8.639	105	875350	41.037	ng # 97
24) Nitrobenzene	9.022	77	641780	42.903	ng 99
25) Isophorone	9.545	82	1113713	40.109	ng 98
26) 2-Nitrophenol	9.733	139	170488	35.644	ng 98
27) 2,4-Dimethylphenol	9.792	122	334619	38.113	ng 99
28) bis(2-Chloroethoxy)met...	10.033	93	742174	41.500	ng 99
29) 2,4-Dichlorophenol	10.263	162	494340	40.885	ng 99
30) 1,2,4-Trichlorobenzene	10.486	180	601428	40.600	ng 100
31) Naphthalene	10.675	128	1704589	40.811	ng 99
32) Benzoic acid	9.910	122	167179	35.354	ng 98
33) 4-Chloroaniline	10.769	127	622463	39.815	ng 99
34) Hexachlorobutadiene	10.969	225	360010	40.583	ng 99
35) Caprolactam	11.539	113	142790	38.711	ng 90
36) 4-Chloro-3-methylphenol	11.898	107	483111	40.066	ng 98
37) 2-Methylnaphthalene	12.286	142	1186089	40.333	ng 98
38) 1-Methylnaphthalene	12.504	142	1153305	40.308	ng 99
40) 1,2,4,5-Tetrachloroben...	12.651	216	677798	40.656	ng 99
41) Hexachlorocyclopentadiene	12.645	237	152319	35.789	ng 99
43) 2,4,6-Trichlorophenol	12.892	196	363078	39.910	ng 100

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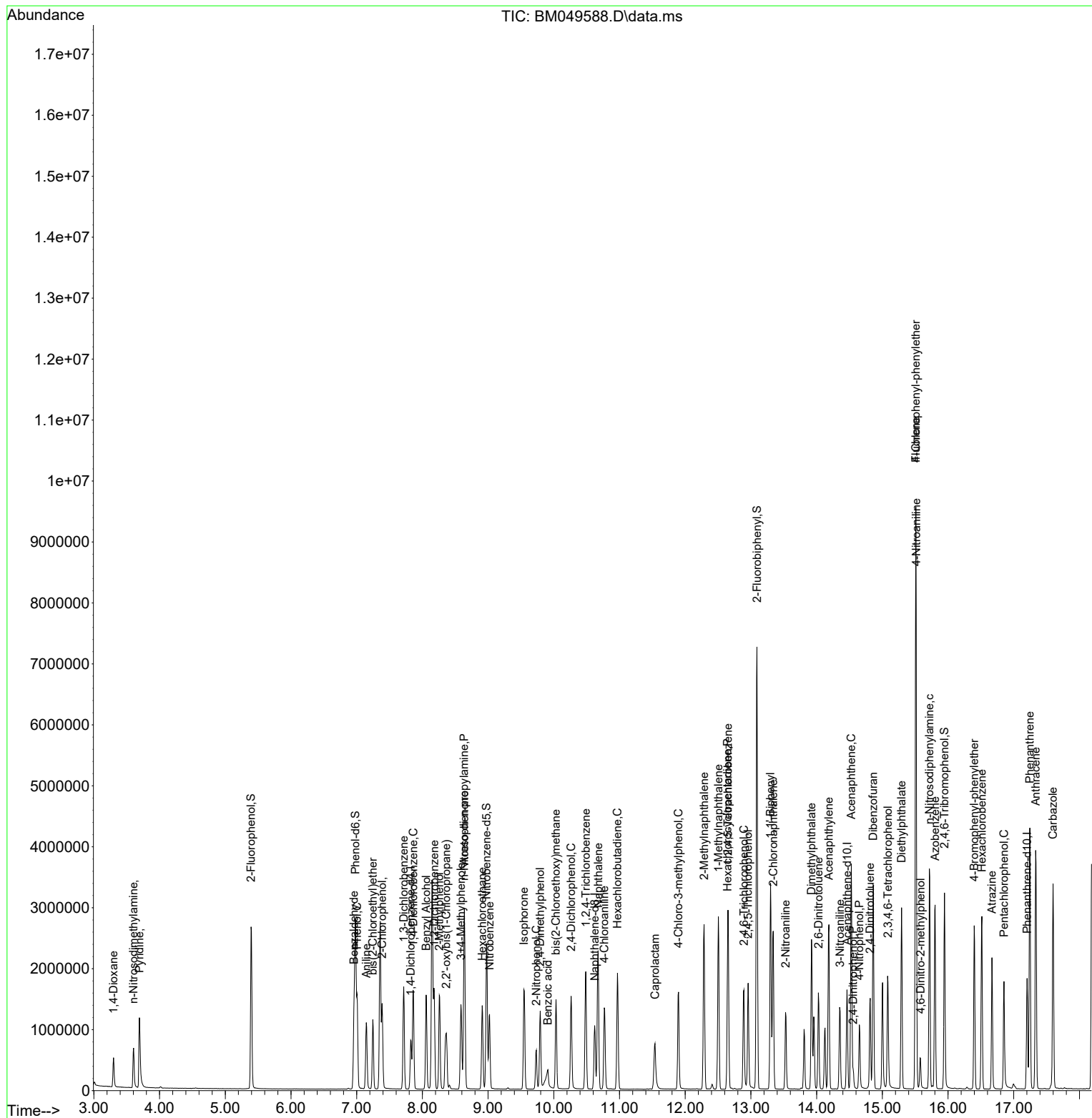
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.957	196	405122	40.522	ng	98
46) 1,1'-Biphenyl	13.298	154	1581206	40.877	ng	100
47) 2-Chloronaphthalene	13.339	162	1221214	40.805	ng	99
48) 2-Nitroaniline	13.527	65	307692	39.768	ng	93
49) Acenaphthylene	14.186	152	1804090	40.880	ng	99
50) Dimethylphthalate	13.921	163	1460824	40.117	ng	100
51) 2,6-Dinitrotoluene	14.027	165	277089	43.975	ng	93
52) Acenaphthene	14.527	154	1202085	41.037	ng	99
53) 3-Nitroaniline	14.357	138	280457	43.716	ng	99
54) 2,4-Dinitrophenol	14.557	184	50813	36.667	ng	# 87
55) Dibenzofuran	14.863	168	1937853	41.547	ng	100
56) 4-Nitrophenol	14.651	139	216315	39.999	ng	97
57) 2,4-Dinitrotoluene	14.816	165	357632	41.959	ng	99
58) Fluorene	15.510	166	1789624	44.852	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.086	232	351253	41.586	ng	99
60) Diethylphthalate	15.292	149	1497668	40.924	ng	100
61) 4-Chlorophenyl-phenyle...	15.510	204	961619	45.280	ng	99
62) 4-Nitroaniline	15.515	138	347441	42.390	ng	99
63) Azobenzene	15.804	77	1656395	43.363	ng	100
65) 4,6-Dinitro-2-methylph...	15.580	198	88662	36.078	ng	99
66) n-Nitrosodiphenylamine	15.715	169	1242752	40.441	ng	99
67) 4-Bromophenyl-phenylether	16.398	248	455615	40.248	ng	99
68) Hexachlorobenzene	16.515	284	525308	40.431	ng	99
69) Atrazine	16.668	200	333367	36.494	ng	97
70) Pentachlorophenol	16.851	266	268868	35.417	ng	100
71) Phenanthrene	17.245	178	2298586	41.408	ng	100
72) Anthracene	17.333	178	2271011	41.318	ng	100
73) Carbazole	17.598	167	1946300	40.344	ng	99
74) Di-n-butylphthalate	18.186	149	2485846	40.609	ng	100
75) Fluoranthene	19.256	202	2735068	42.084	ng	99
77) Benzidine	19.439	184	308323	36.011	ng	99
78) Pyrene	19.621	202	2823085	38.997	ng	100
80) Butylbenzylphthalate	20.533	149	755260	33.528	ng	99
81) Benzo(a)anthracene	21.427	228	2661717	40.622	ng	100
82) 3,3'-Dichlorobenzidine	21.345	252	661905	37.540	ng	98
83) Chrysene	21.486	228	2555979	41.636	ng	99
84) Bis(2-ethylhexyl)phtha...	21.374	149	1420098	36.774	ng	98
85) Di-n-octyl phthalate	22.533	149	1985074	32.583	ng	98
87) Indeno(1,2,3-cd)pyrene	27.891	276	1796991	42.117	ng	100
88) Benzo(b)fluoranthene	23.515	252	2234106	41.568	ng	99
89) Benzo(k)fluoranthene	23.580	252	2176416	41.692	ng	100
90) Benzo(a)pyrene	24.327	252	1763474	41.403	ng	99
91) Dibenzo(a,h)anthracene	27.962	278	1390337	41.230	ng	98
92) Benzo(g,h,i)perylene	28.956	276	1620039	43.007	ng	99

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

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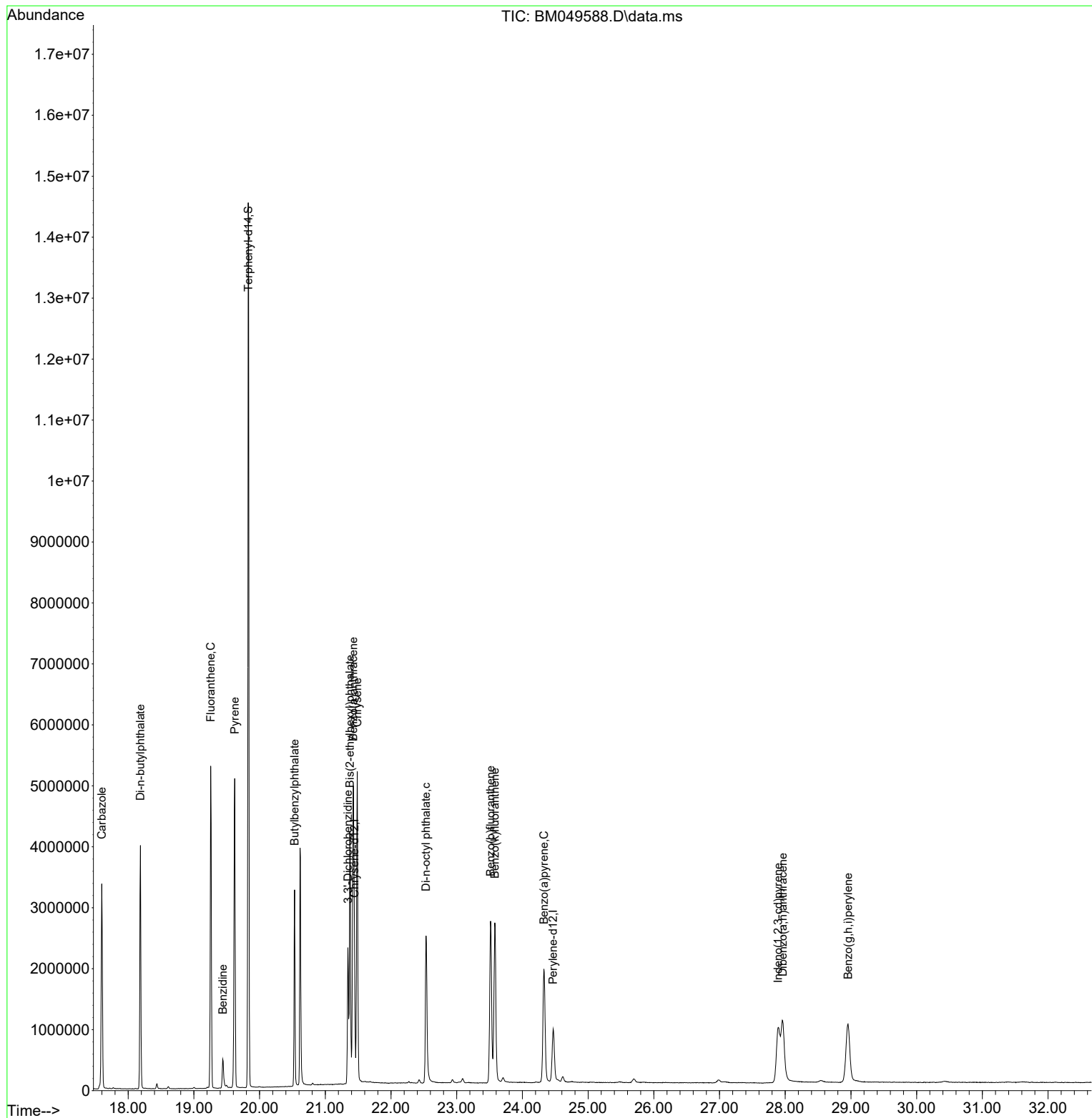
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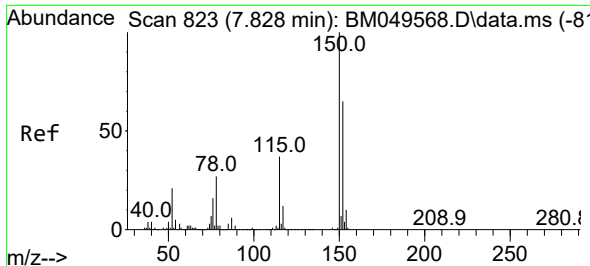


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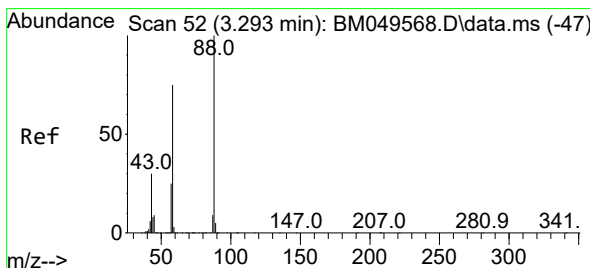
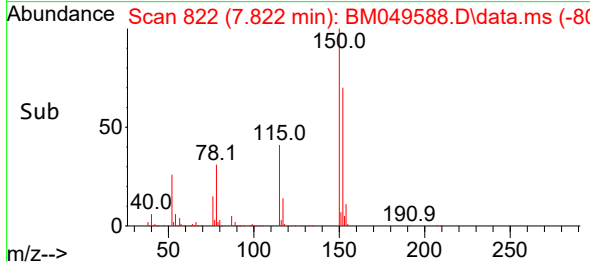
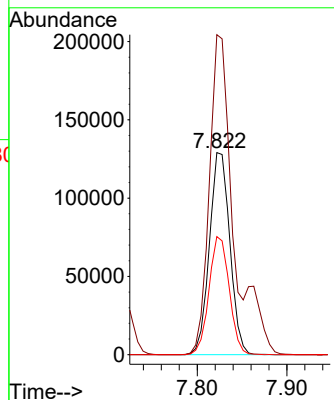
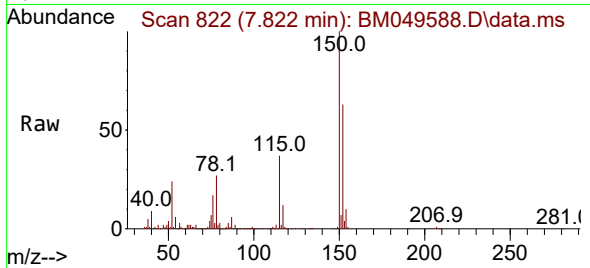




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.822 min Scan# 81
Delta R.T. -0.006 min
Lab File: BM049588.D
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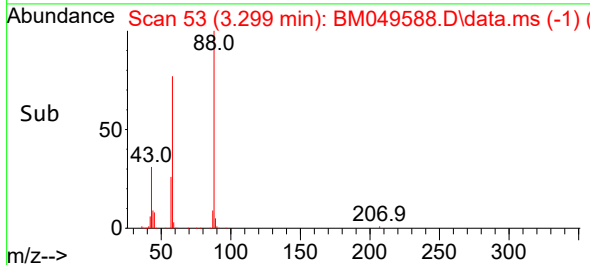
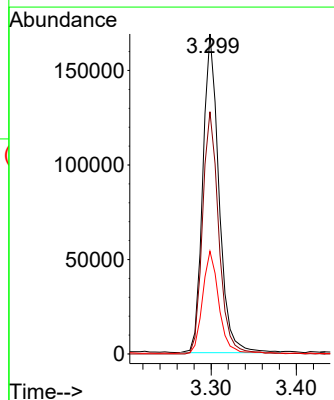
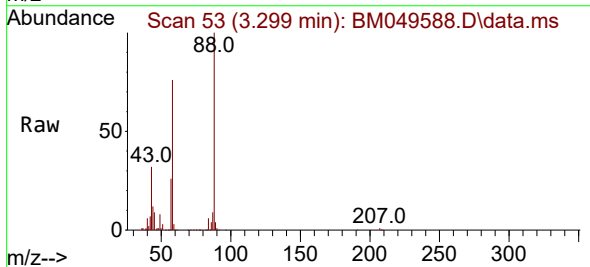
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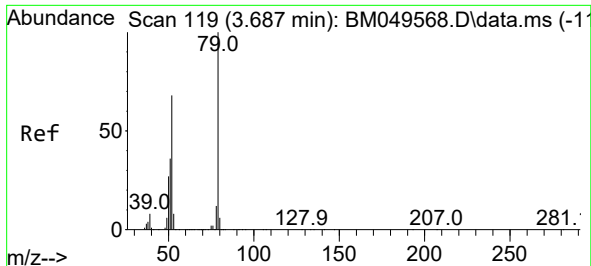
Tgt Ion:152 Resp: 204173
Ion Ratio Lower Upper
152 100
150 158.3 122.6 184.0
115 58.4 45.4 68.0



#2
1,4-Dioxane
Concen: 41.536 ng
RT: 3.299 min Scan# 53
Delta R.T. 0.006 min
Lab File: BM049588.D
Acq: 06 Feb 2025 20:57

Tgt Ion: 88 Resp: 221737
Ion Ratio Lower Upper
88 100
58 76.7 60.0 90.0
43 32.3 24.4 36.6

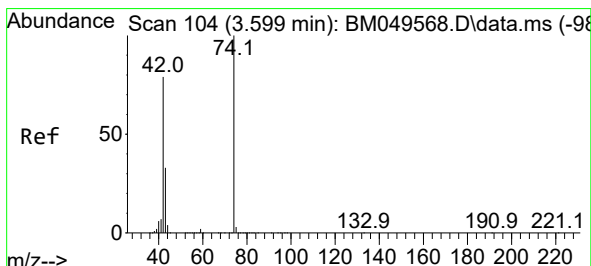
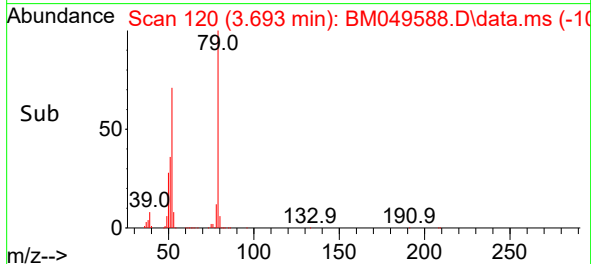
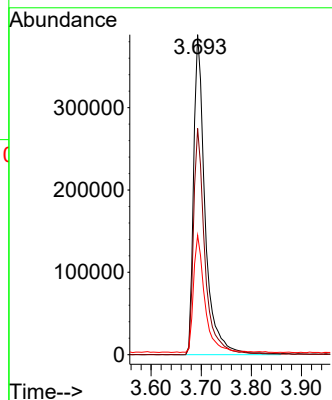
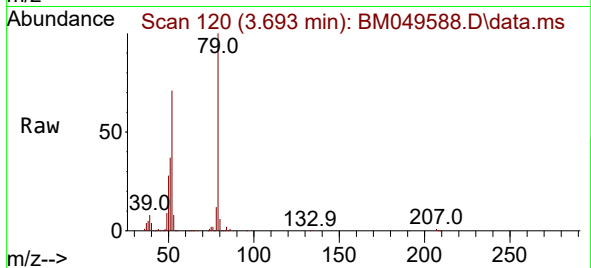




#3
 Pyridine
 Concen: 41.869 ng
 RT: 3.693 min Scan# 119
 Delta R.T. 0.006 min
 Lab File: BM049588.D
 Acq: 06 Feb 2025 20:57

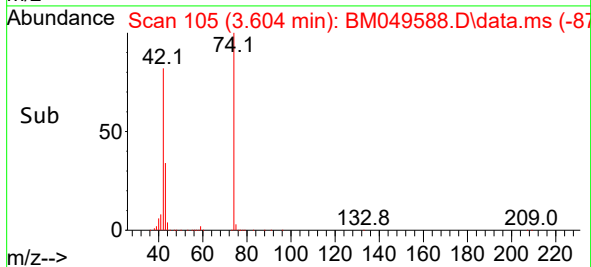
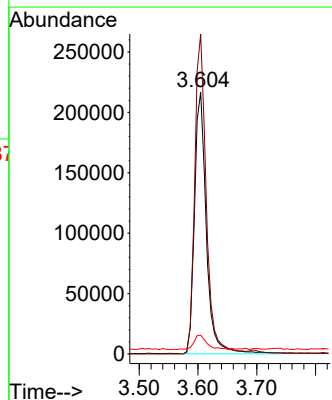
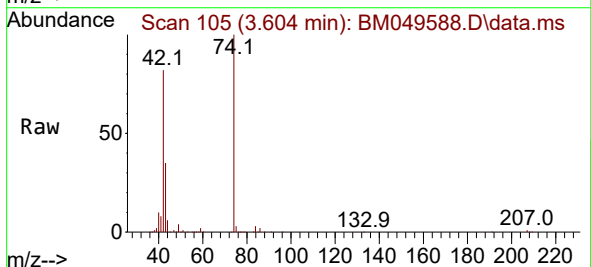
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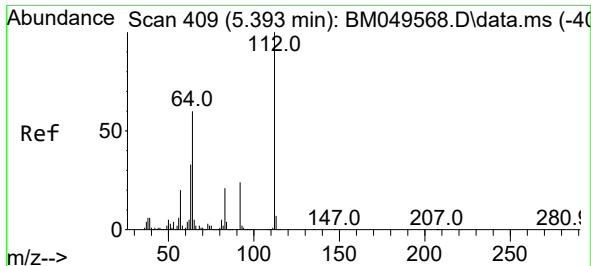
Tgt Ion: 79 Resp: 621113
 Ion Ratio Lower Upper
 79 100
 52 70.7 54.5 81.7
 51 37.3 29.0 43.6



#4
 n-Nitrosodimethylamine
 Concen: 43.570 ng
 RT: 3.604 min Scan# 105
 Delta R.T. 0.006 min
 Lab File: BM049588.D
 Acq: 06 Feb 2025 20:57

Tgt Ion: 42 Resp: 302408
 Ion Ratio Lower Upper
 42 100
 74 122.2 101.3 151.9
 44 7.2 6.5 9.7

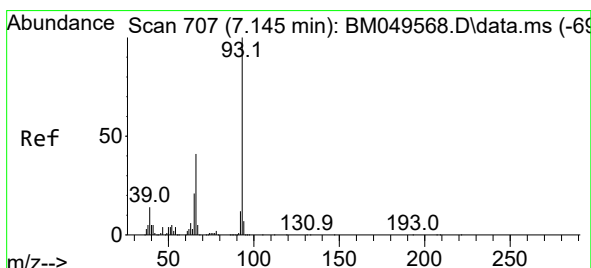
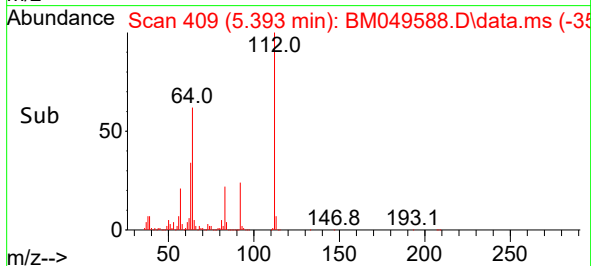
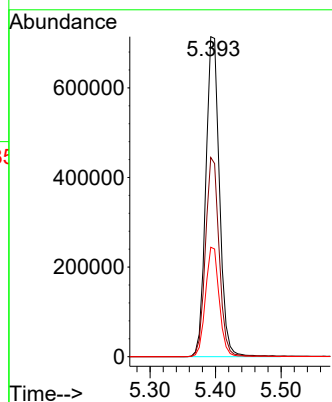
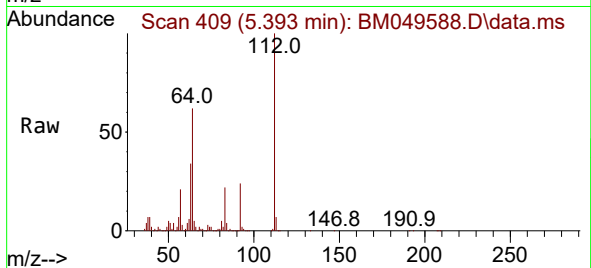




#5
2-Fluorophenol
Concen: 81.870 ng
RT: 5.393 min Scan# 409
Delta R.T. 0.000 min
Lab File: BM049588.D
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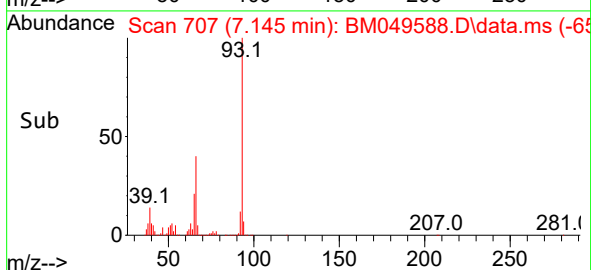
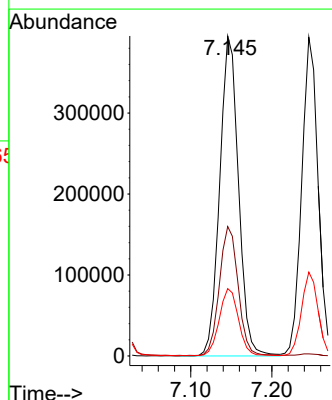
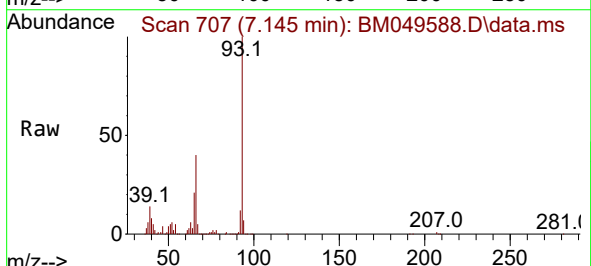
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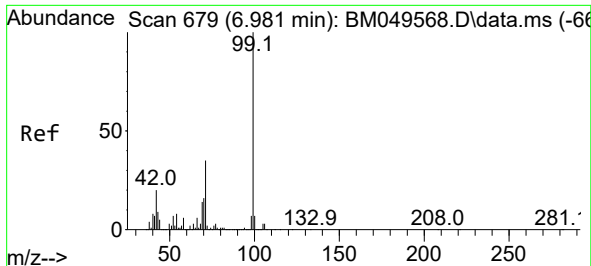
Tgt Ion:112 Resp: 1039473
Ion Ratio Lower Upper
112 100
64 62.2 47.8 71.8
63 34.2 26.2 39.4



#6
Aniline
Concen: 40.325 ng
RT: 7.145 min Scan# 707
Delta R.T. 0.000 min
Lab File: BM049588.D
Acq: 06 Feb 2025 20:57

Tgt Ion: 93 Resp: 635738
Ion Ratio Lower Upper
93 100
66 40.5 33.3 49.9
65 21.1 16.8 25.2

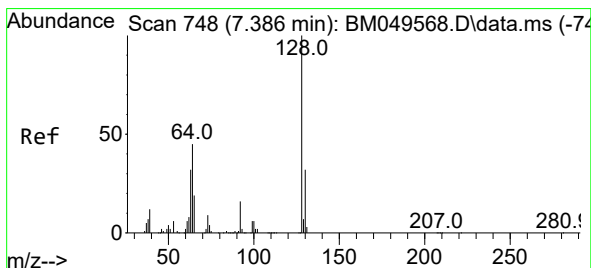
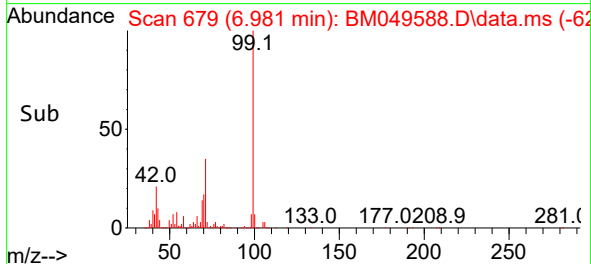
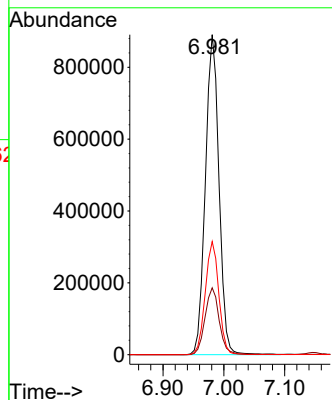
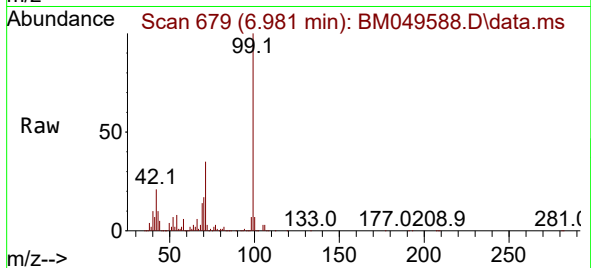




#7
Phenol-d6
Concen: 83.069 ng
RT: 6.981 min Scan# 679
Delta R.T. 0.000 min
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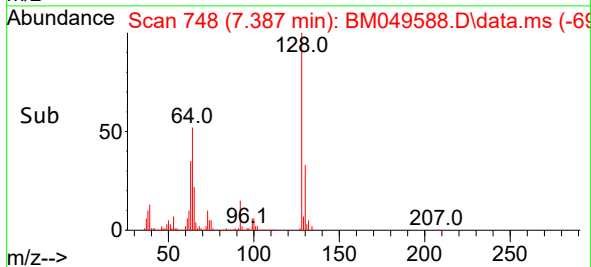
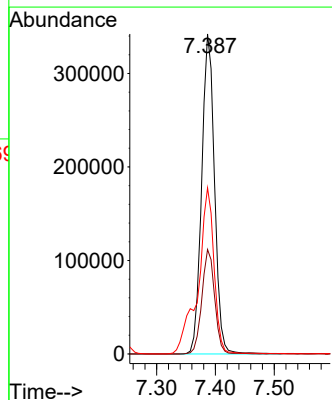
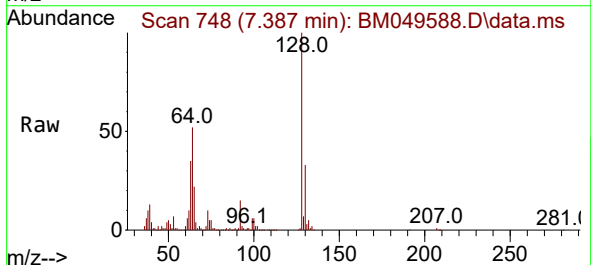
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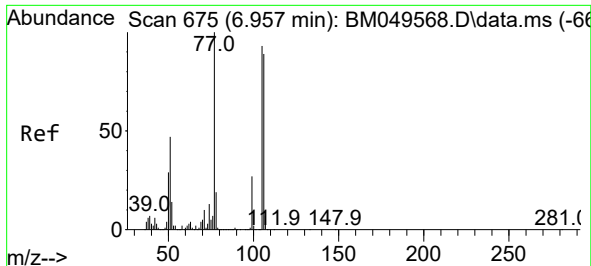
Tgt Ion: 99 Resp: 1381781
Ion Ratio Lower Upper
99 100
42 20.9 16.0 24.0
71 35.3 27.8 41.6



#8
2-Chlorophenol
Concen: 41.046 ng
RT: 7.387 min Scan# 748
Delta R.T. 0.000 min
Lab File: BM049588.D
Acq: 06 Feb 2025 20:57

Tgt Ion: 128 Resp: 520379
Ion Ratio Lower Upper
128 100
130 32.6 12.4 52.4
64 51.9 28.7 68.7

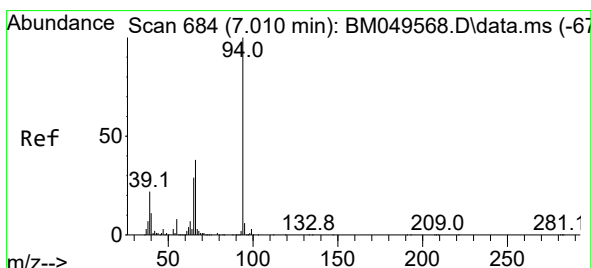
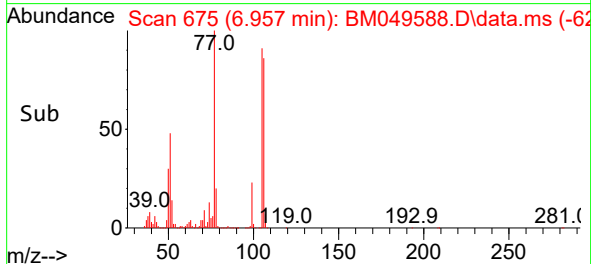
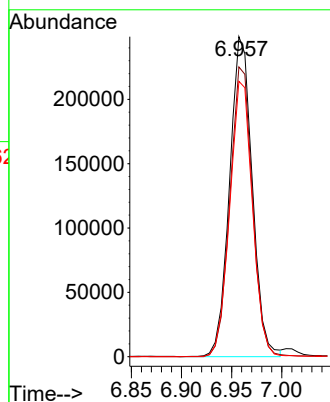
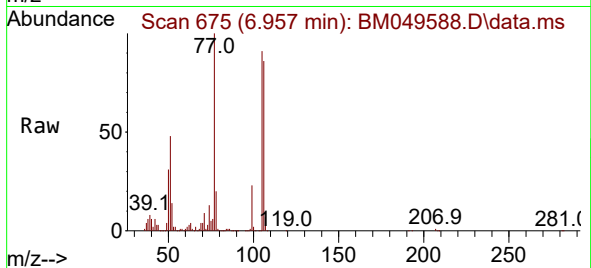




#9
Benzaldehyde
Concen: 44.462 ng
RT: 6.957 min Scan# 61
Delta R.T. 0.000 min
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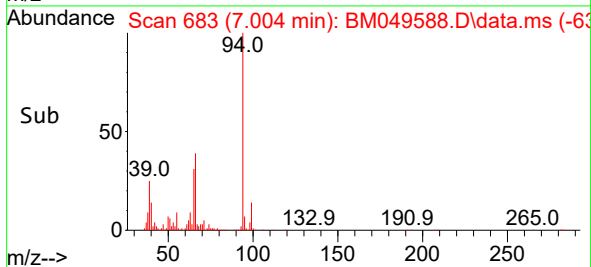
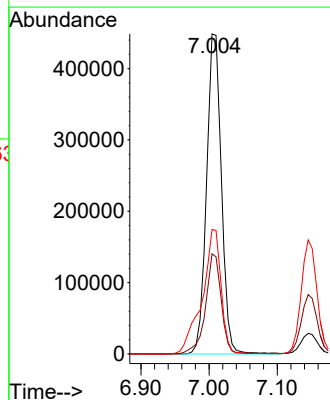
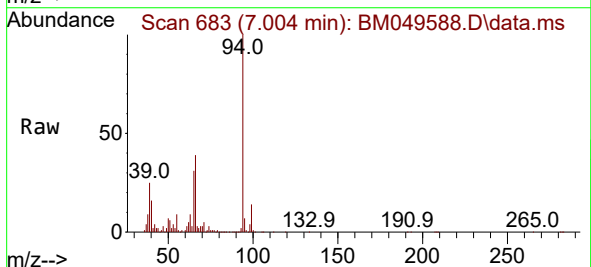
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ClientSampleId :
SSTDCCC040

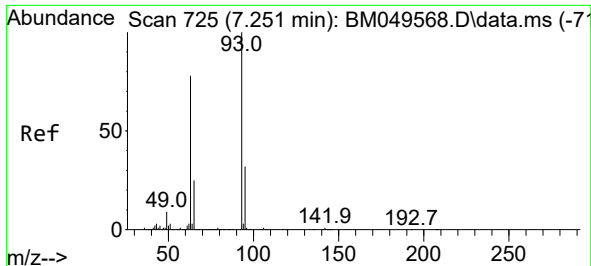
Tgt Ion: 77 Resp: 391603
Ion Ratio Lower Upper
77 100
105 90.6 72.7 112.7
106 86.1 68.9 108.9



#10
Phenol
Concen: 41.580 ng
RT: 7.004 min Scan# 683
Delta R.T. -0.006 min
Lab File: BM049588.D
Acq: 06 Feb 2025 20:57

Tgt Ion: 94 Resp: 681240
Ion Ratio Lower Upper
94 100
65 31.3 9.3 49.3
66 38.9 17.7 57.7

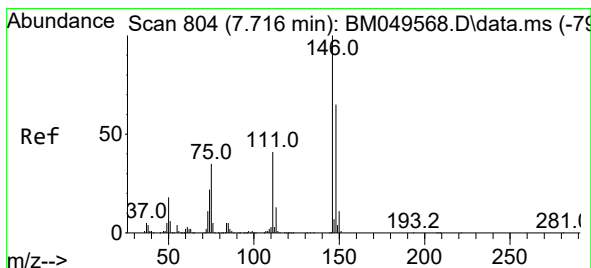
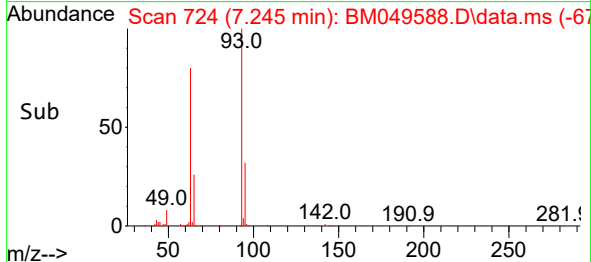
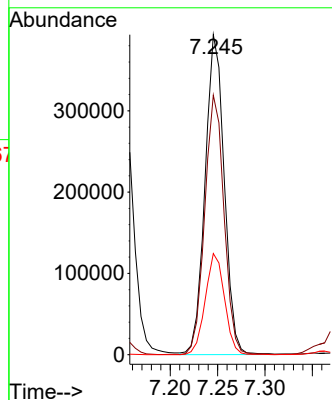
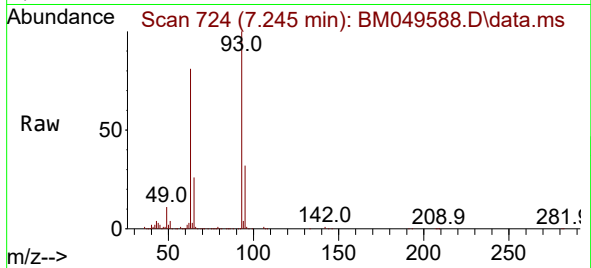




#11
bis(2-Chloroethyl)ether
Concen: 41.789 ng
RT: 7.245 min Scan# 71
Delta R.T. -0.006 min
Lab File: BM049588.D
Acq: 06 Feb 2025 20:57

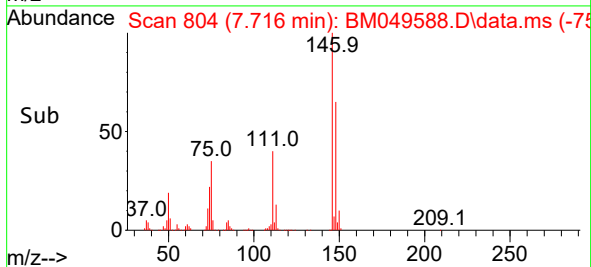
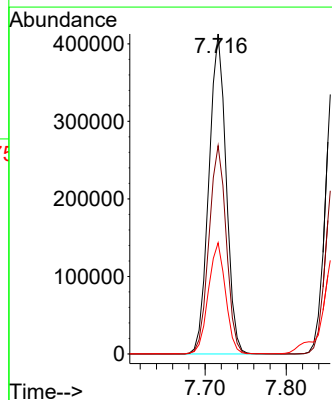
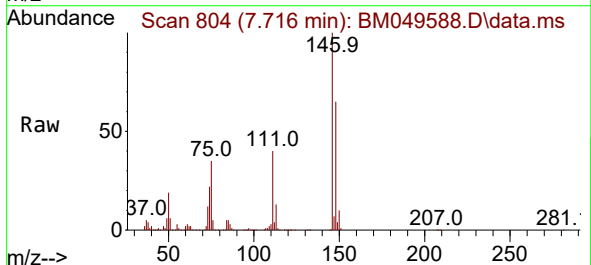
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

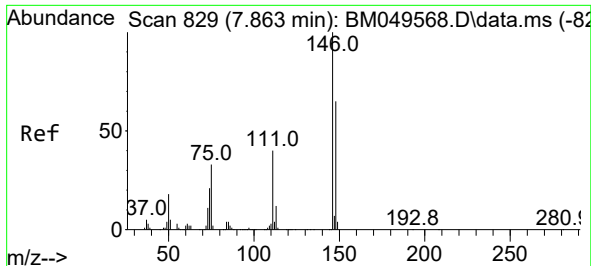
Tgt Ion: 93 Resp: 553909
Ion Ratio Lower Upper
93 100
63 81.1 57.3 97.3
95 31.6 12.1 52.1



#12
1,3-Dichlorobenzene
Concen: 41.267 ng
RT: 7.716 min Scan# 804
Delta R.T. 0.000 min
Lab File: BM049588.D
Acq: 06 Feb 2025 20:57

Tgt Ion:146 Resp: 607270
Ion Ratio Lower Upper
146 100
148 65.1 52.2 78.2
75 34.8 28.3 42.5

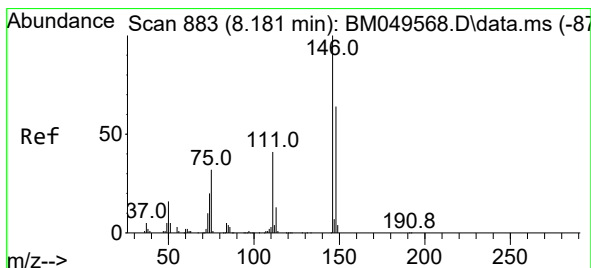
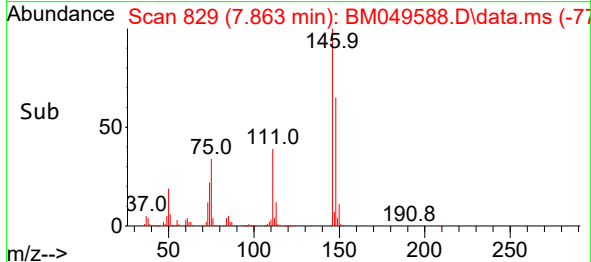
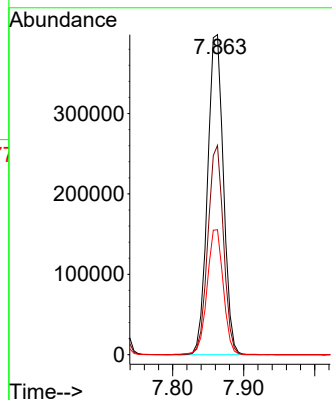
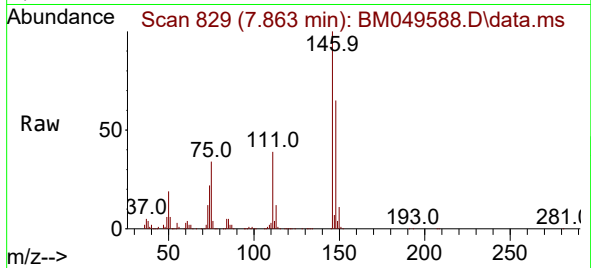




#13
1,4-Dichlorobenzene
Concen: 41.561 ng
RT: 7.863 min Scan# 81
Delta R.T. 0.000 min
Lab File: BM049588.D
Acq: 06 Feb 2025 20:57

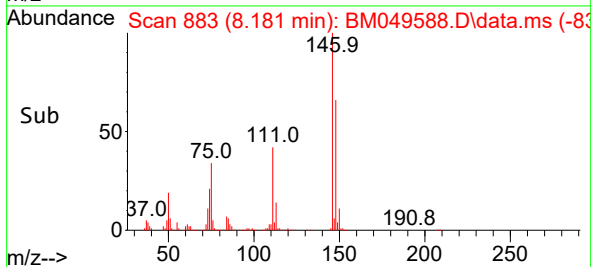
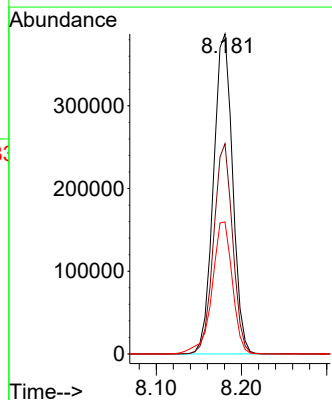
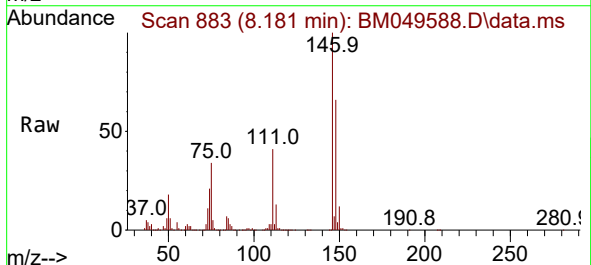
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

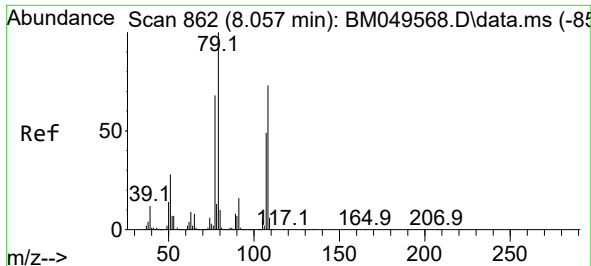
Tgt Ion:146 Resp: 618629
Ion Ratio Lower Upper
146 100
148 65.4 52.1 78.1
111 39.1 31.7 47.5



#14
1,2-Dichlorobenzene
Concen: 41.965 ng
RT: 8.181 min Scan# 883
Delta R.T. 0.000 min
Lab File: BM049588.D
Acq: 06 Feb 2025 20:57

Tgt Ion:146 Resp: 603136
Ion Ratio Lower Upper
146 100
148 65.7 51.5 77.3
111 41.3 33.4 50.0

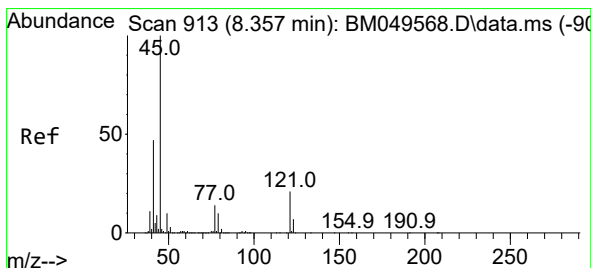
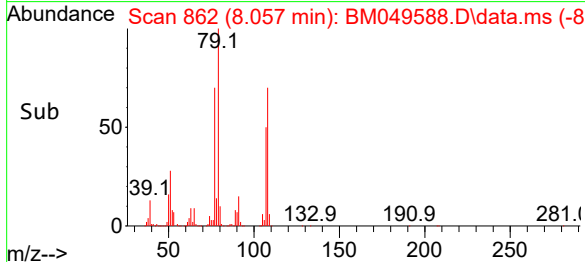
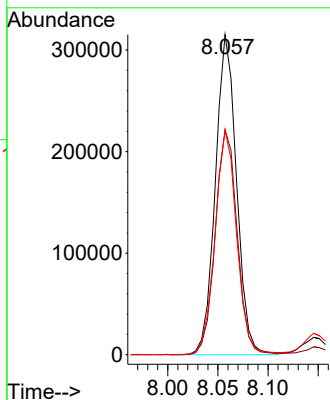
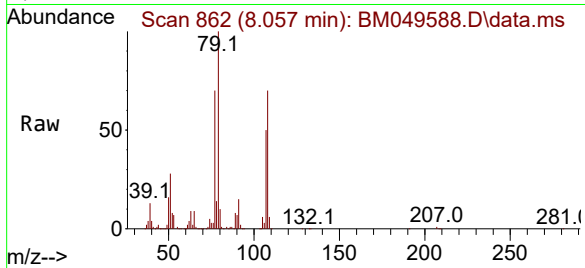




#15
Benzyl Alcohol
Concen: 39.893 ng
RT: 8.057 min Scan# 862
Delta R.T. 0.000 min
Lab File: BM049588.D
Acq: 06 Feb 2025 20:57

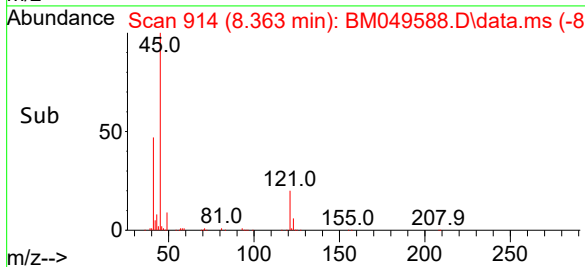
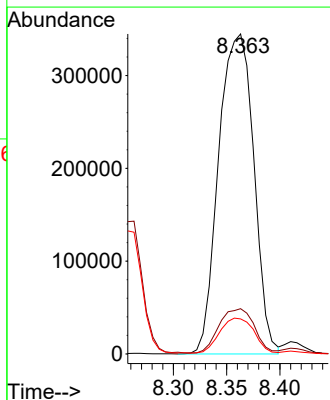
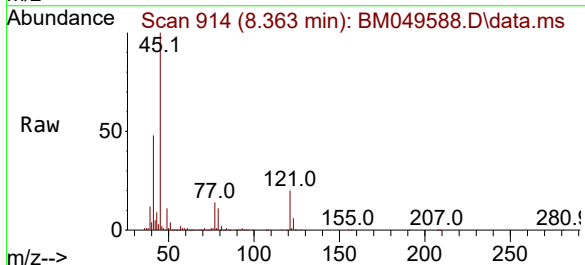
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

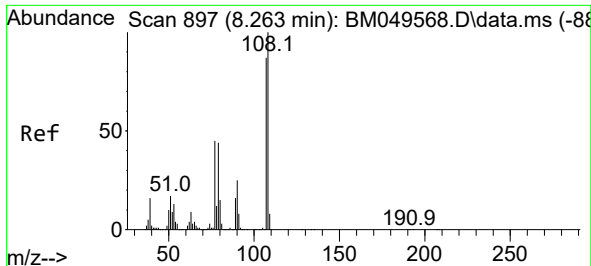
Tgt Ion: 79 Resp: 461665
Ion Ratio Lower Upper
79 100
108 70.4 58.6 88.0
77 70.0 54.0 81.0



#16
2,2'-oxybis(1-Chloropropane)
Concen: 44.324 ng
RT: 8.363 min Scan# 914
Delta R.T. 0.006 min
Lab File: BM049588.D
Acq: 06 Feb 2025 20:57

Tgt Ion: 45 Resp: 790883
Ion Ratio Lower Upper
45 100
77 14.1 0.0 34.0
79 10.9 0.0 30.8

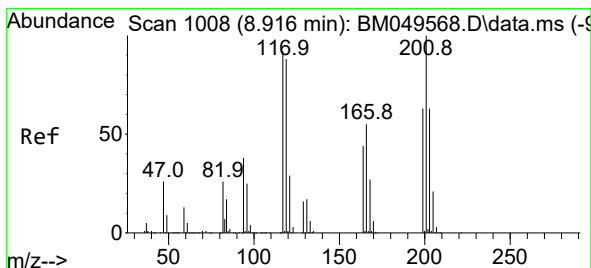
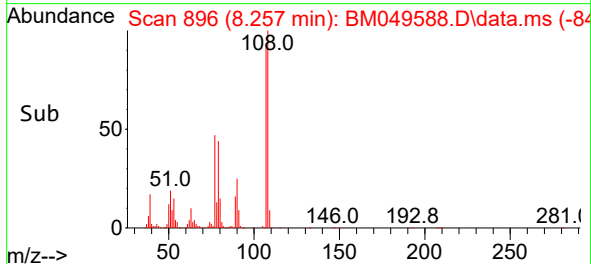
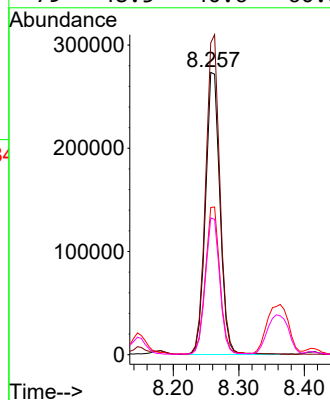
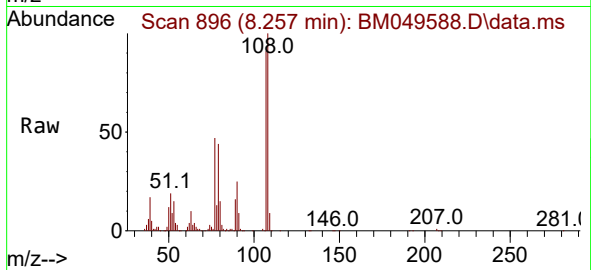




#17
2-Methylphenol
Concen: 41.821 ng
RT: 8.257 min Scan# 896
Delta R.T. -0.006 min
Lab File: BM049588.D
Acq: 06 Feb 2025 20:57

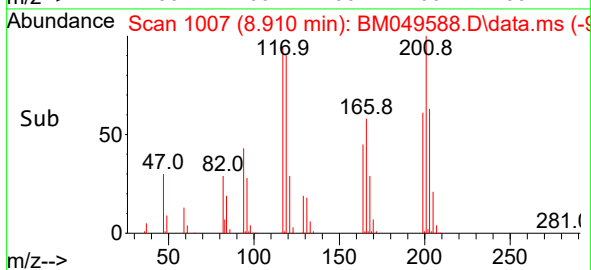
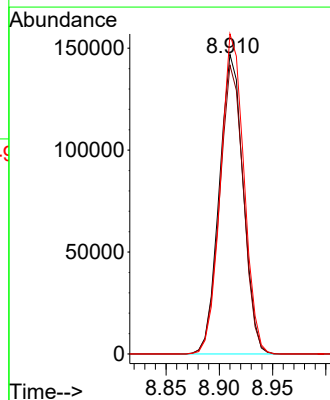
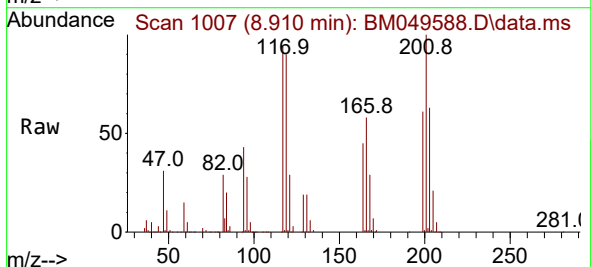
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

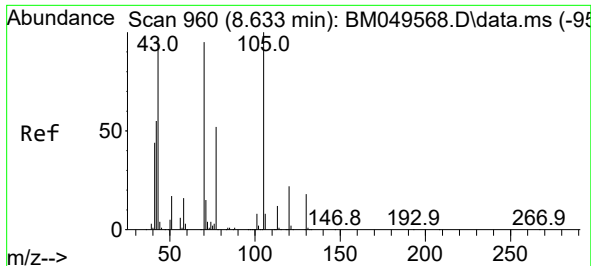
Tgt Ion:	107	Resp:	418960
Ion	Ratio	Lower	Upper
107	100		
108	110.5	92.2	138.4
77	52.1	41.3	61.9
79	48.5	40.6	60.8



#18
Hexachloroethane
Concen: 42.199 ng
RT: 8.910 min Scan# 1007
Delta R.T. -0.006 min
Lab File: BM049588.D
Acq: 06 Feb 2025 20:57

Tgt Ion:	117	Resp:	229431
Ion	Ratio	Lower	Upper
117	100		
119	96.4	76.8	115.2
201	106.8	87.0	130.6

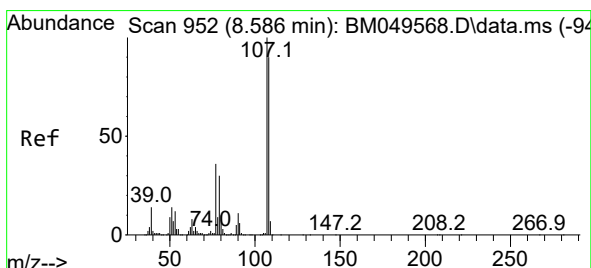
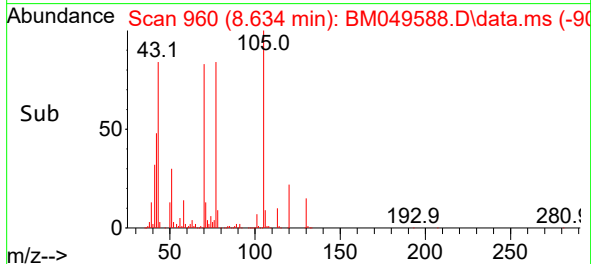
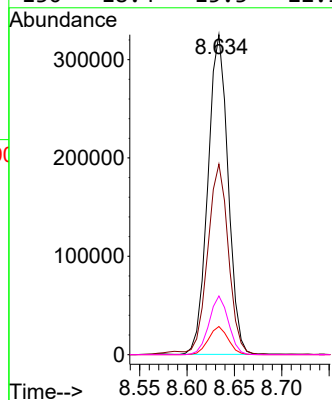
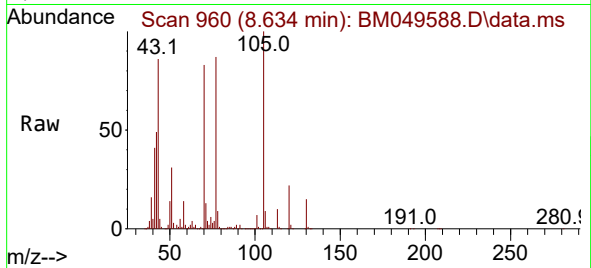




#19
n-Nitroso-di-n-propylamine
Concen: 44.067 ng
RT: 8.634 min Scan# 960
Delta R.T. 0.000 min
Lab File: BM049588.D
Acq: 06 Feb 2025 20:57

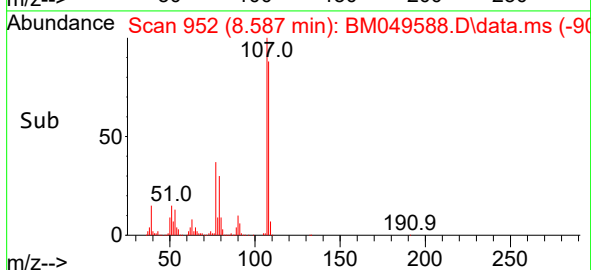
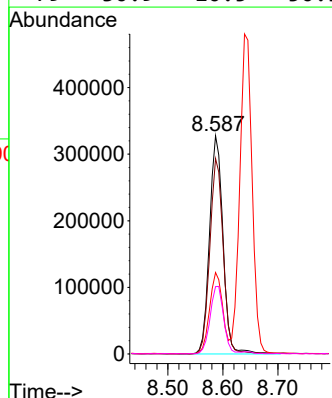
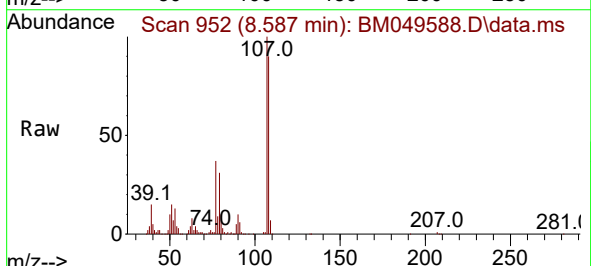
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

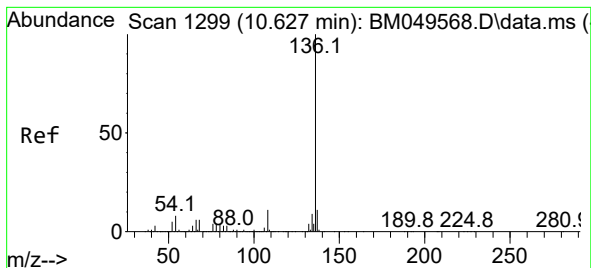
Tgt Ion: 70 Resp: 480010
Ion Ratio Lower Upper
70 100
42 59.6 47.4 71.2
101 8.8 7.1 10.7
130 18.4 15.3 22.9



#20
3+4-Methylphenols
Concen: 42.245 ng
RT: 8.587 min Scan# 952
Delta R.T. 0.000 min
Lab File: BM049588.D
Acq: 06 Feb 2025 20:57

Tgt Ion: 107 Resp: 558676
Ion Ratio Lower Upper
107 100
108 89.5 69.6 109.6
77 37.3 16.0 56.0
79 30.9 10.5 50.5

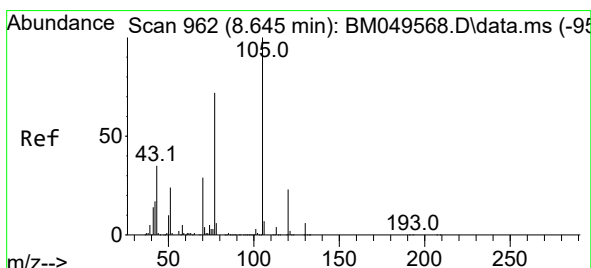
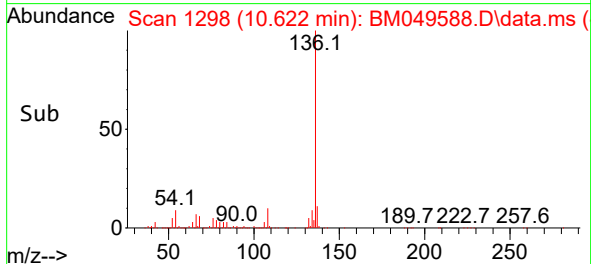
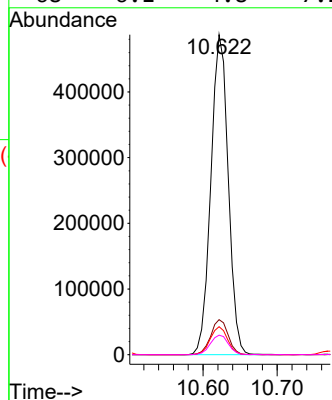
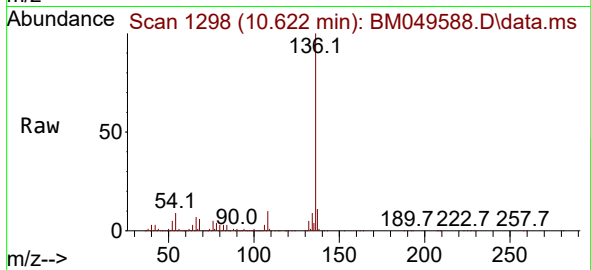




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.622 min Scan# 11
Delta R.T. -0.006 min
Lab File: BM049588.D
Acq: 06 Feb 2025 20:57

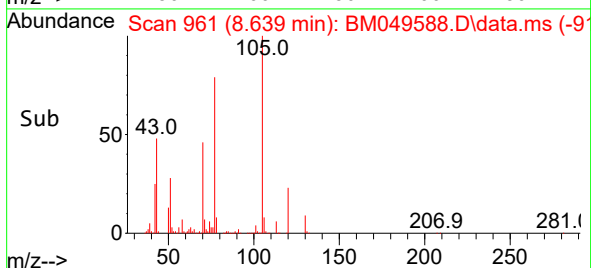
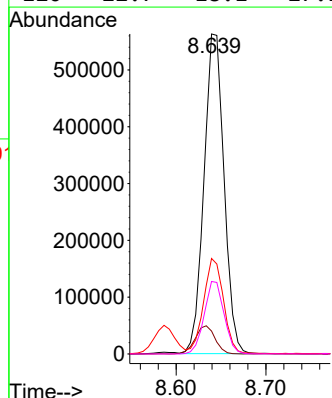
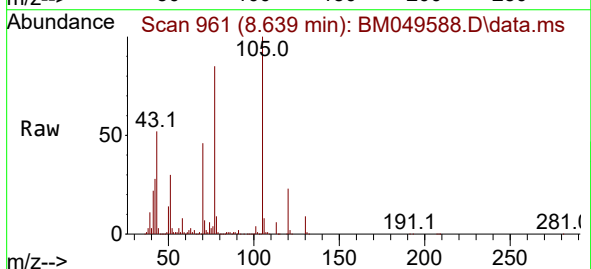
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

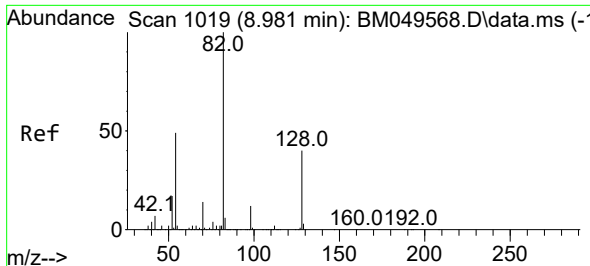
Tgt Ion:136 Resp: 791953
Ion Ratio Lower Upper
136 100
137 11.0 8.6 13.0
54 8.7 6.6 10.0
68 6.1 4.8 7.2



#22
Acetophenone
Concen: 41.037 ng
RT: 8.639 min Scan# 961
Delta R.T. -0.006 min
Lab File: BM049588.D
Acq: 06 Feb 2025 20:57

Tgt Ion:105 Resp: 875350
Ion Ratio Lower Upper
105 100
71 7.1 3.5 5.3#
51 29.9 21.7 32.5
120 22.7 18.1 27.1





#23

Nitrobenzene-d5

Concen: 87.029 ng

RT: 8.975 min Scan# 1018

Delta R.T. -0.006 min

Lab File: BM049588.D

Acq: 06 Feb 2025 20:57

Instrument :

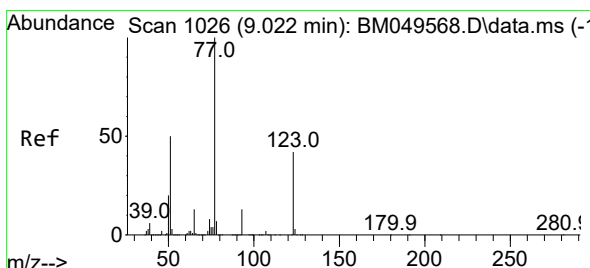
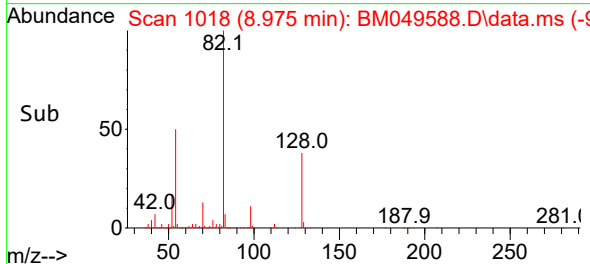
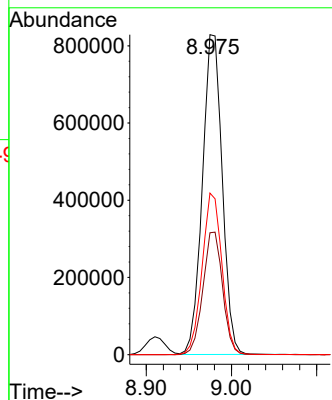
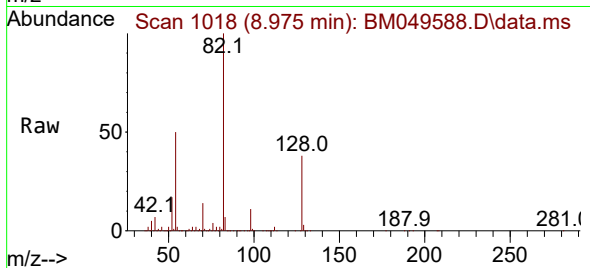
BNA_M

ClientSampleId :

SSTDCCC040

Tgt Ion: 82 Resp: 1339933

Ion	Ratio	Lower	Upper
82	100		
128	38.1	31.6	47.4
54	50.5	39.4	59.0



#24

Nitrobenzene

Concen: 42.903 ng

RT: 9.022 min Scan# 1026

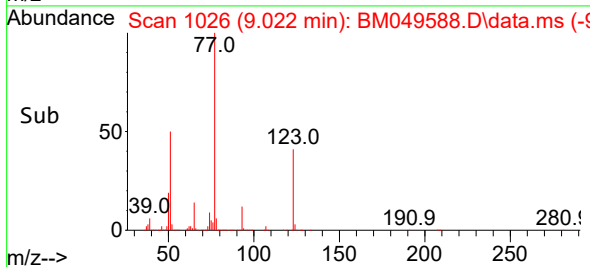
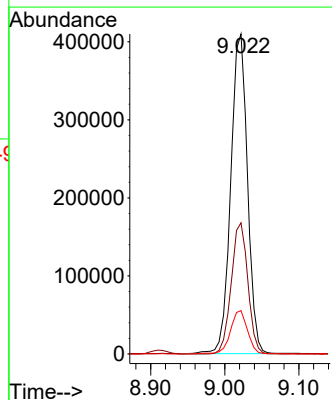
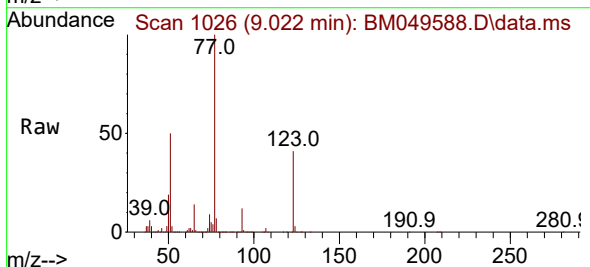
Delta R.T. 0.000 min

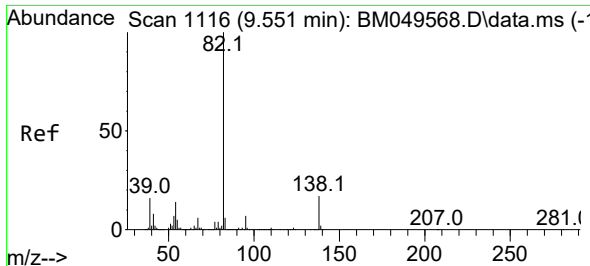
Lab File: BM049588.D

Acq: 06 Feb 2025 20:57

Tgt Ion: 77 Resp: 641780

Ion	Ratio	Lower	Upper
77	100		
123	41.0	33.4	50.2
65	13.6	10.5	15.7

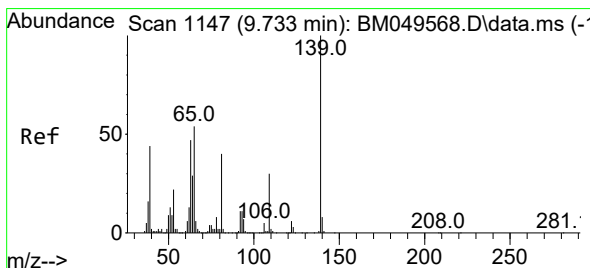
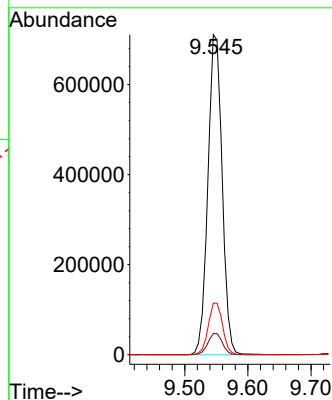
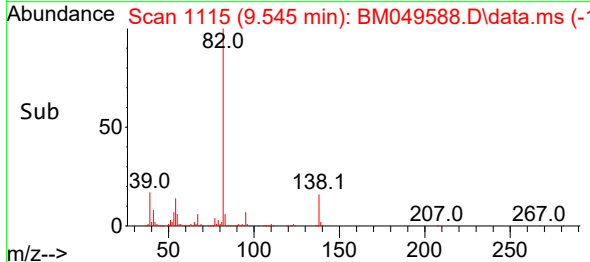
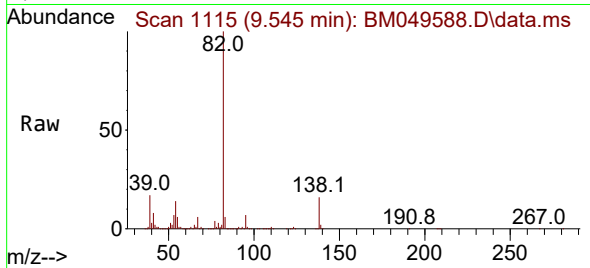




#25
Isophorone
Concen: 40.109 ng
RT: 9.545 min Scan# 1115
Delta R.T. -0.006 min
Lab File: BM049588.D
Acq: 06 Feb 2025 20:57

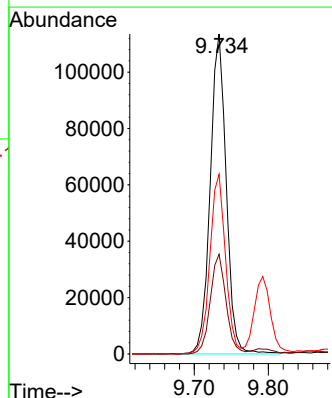
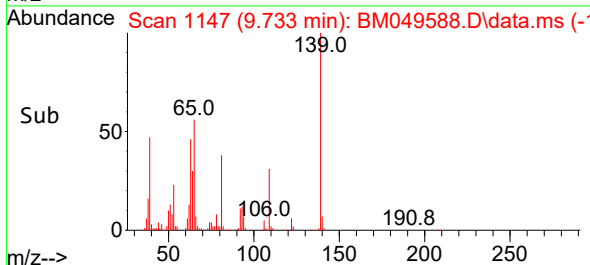
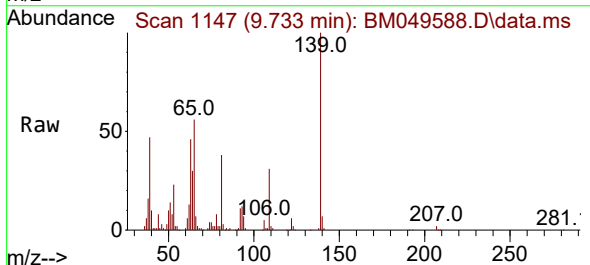
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

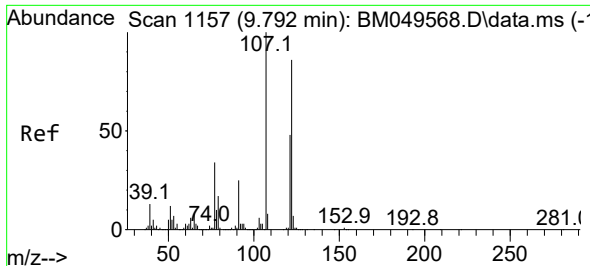
Tgt Ion: 82 Resp: 1113713
Ion Ratio Lower Upper
82 100
95 6.6 5.5 8.3
138 16.1 13.6 20.4



#26
2-Nitrophenol
Concen: 35.644 ng
RT: 9.733 min Scan# 1147
Delta R.T. 0.000 min
Lab File: BM049588.D
Acq: 06 Feb 2025 20:57

Tgt Ion: 139 Resp: 170488
Ion Ratio Lower Upper
139 100
109 31.2 24.2 36.2
65 56.2 43.4 65.2

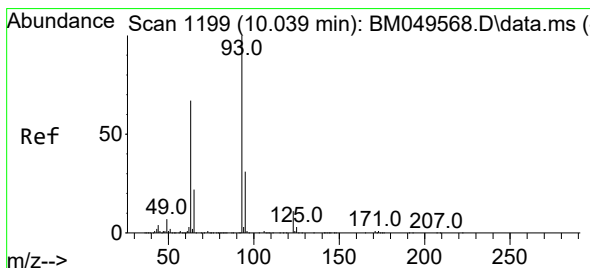
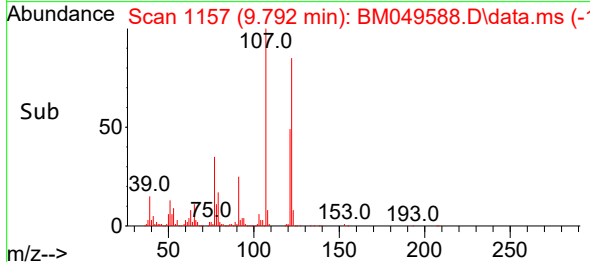
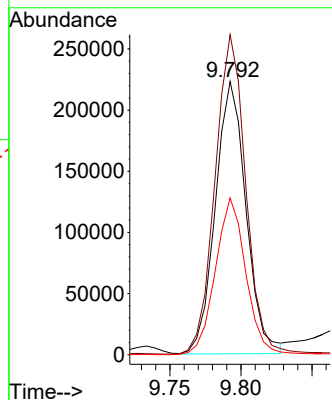
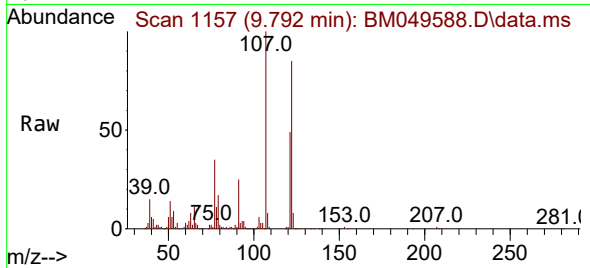




#27
2,4-Dimethylphenol
Concen: 38.113 ng
RT: 9.792 min Scan# 1157
Delta R.T. 0.000 min
Lab File: BM049588.D
Acq: 06 Feb 2025 20:57

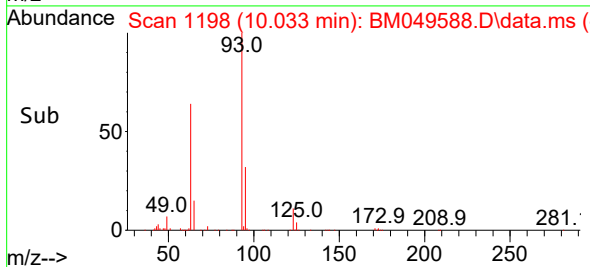
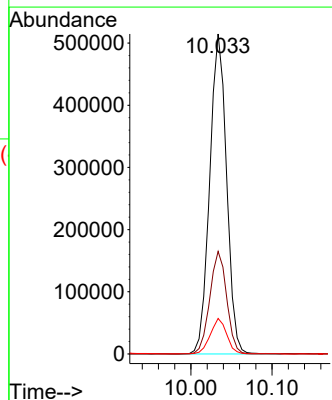
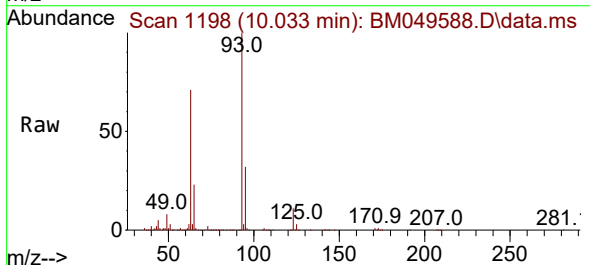
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

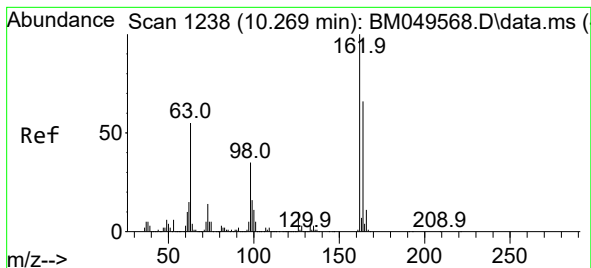
Tgt Ion:122 Resp: 334619
Ion Ratio Lower Upper
122 100
107 117.1 93.2 139.8
121 57.4 44.4 66.6



#28
bis(2-Chloroethoxy)methane
Concen: 41.500 ng
RT: 10.033 min Scan# 1198
Delta R.T. -0.006 min
Lab File: BM049588.D
Acq: 06 Feb 2025 20:57

Tgt Ion: 93 Resp: 742174
Ion Ratio Lower Upper
93 100
95 32.1 25.2 37.8
123 11.1 8.6 12.8





#29

2,4-Dichlorophenol

Concen: 40.885 ng

RT: 10.263 min Scan# 1

Delta R.T. -0.006 min

Lab File: BM049588.D

Acq: 06 Feb 2025 20:57

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

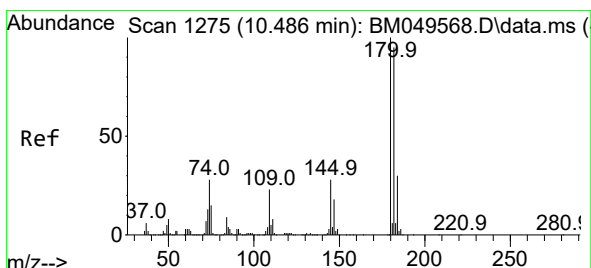
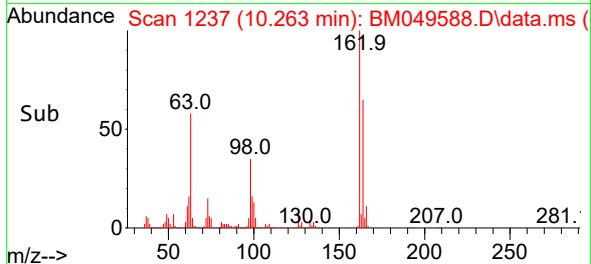
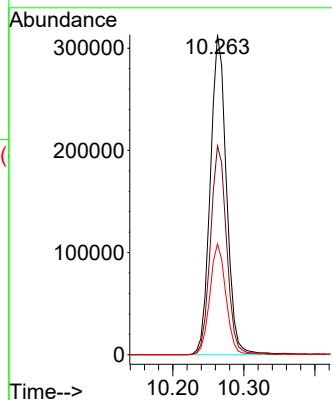
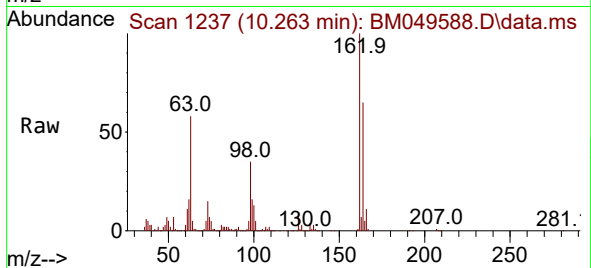
Tgt Ion:162 Resp: 494340

Ion Ratio Lower Upper

162 100

164 65.3 46.0 86.0

98 34.6 14.7 54.7



#30

1,2,4-Trichlorobenzene

Concen: 40.600 ng

RT: 10.486 min Scan# 1275

Delta R.T. 0.000 min

Lab File: BM049588.D

Acq: 06 Feb 2025 20:57

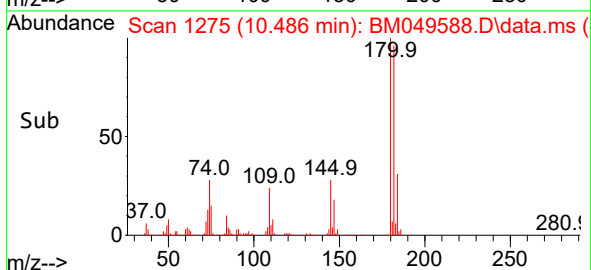
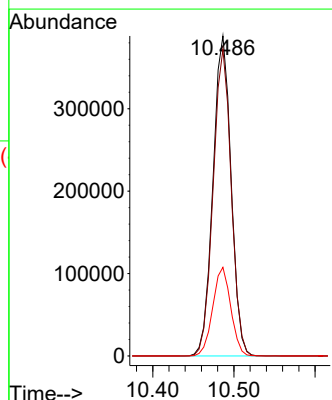
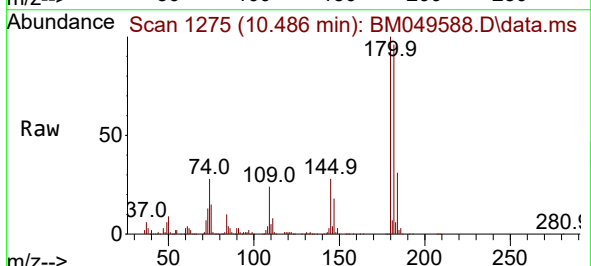
Tgt Ion:180 Resp: 601428

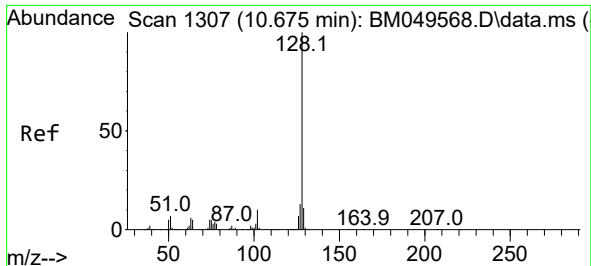
Ion Ratio Lower Upper

180 100

182 95.8 76.4 114.6

145 27.7 22.5 33.7

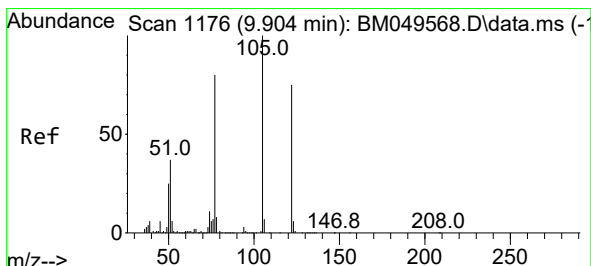
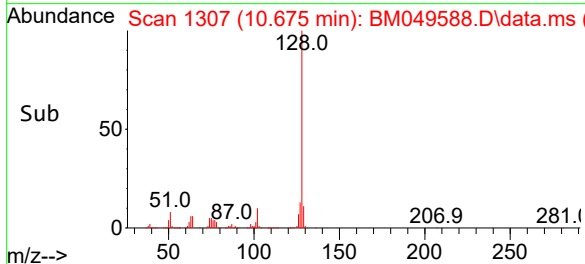
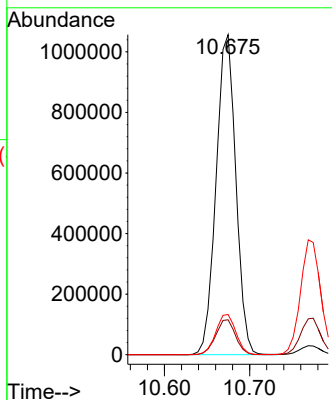
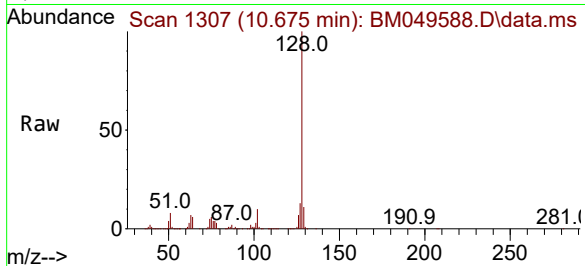




#31
Naphthalene
Concen: 40.811 ng
RT: 10.675 min Scan# 1176
Delta R.T. 0.000 min
Lab File: BM049588.D
Acq: 06 Feb 2025 20:57

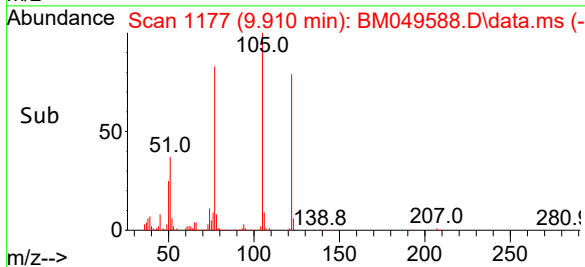
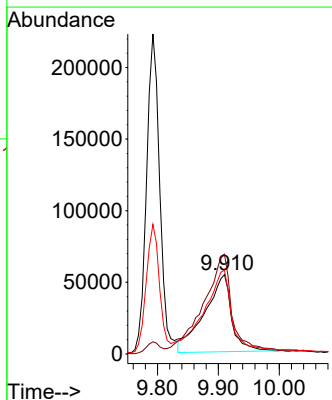
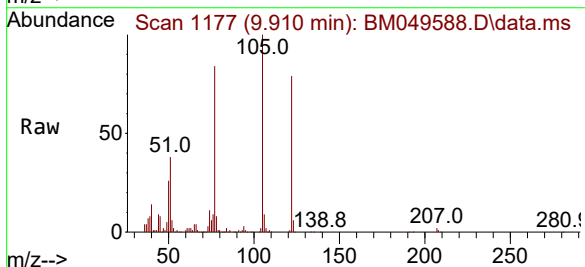
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

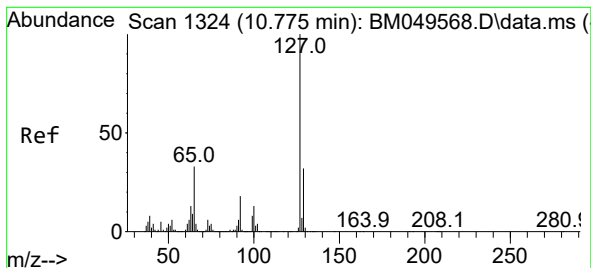
Tgt Ion:128 Resp: 1704589
Ion Ratio Lower Upper
128 100
129 10.9 9.0 13.4
127 12.5 10.6 15.8



#32
Benzoic acid
Concen: 35.354 ng
RT: 9.910 min Scan# 1177
Delta R.T. 0.006 min
Lab File: BM049588.D
Acq: 06 Feb 2025 20:57

Tgt Ion:122 Resp: 167179
Ion Ratio Lower Upper
122 100
105 125.8 103.6 143.6
77 105.4 82.4 122.4





#33

4-Chloroaniline

Concen: 39.815 ng

RT: 10.769 min Scan# 11

Delta R.T. -0.006 min

Lab File: BM049588.D

Acq: 06 Feb 2025 20:57

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

Tgt Ion:127 Resp: 622463

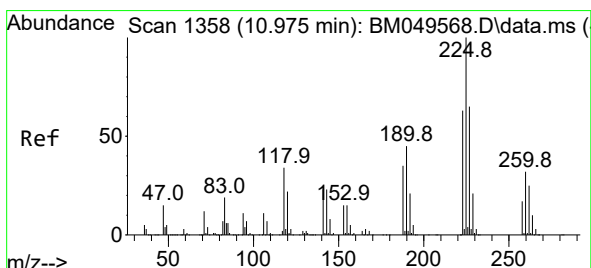
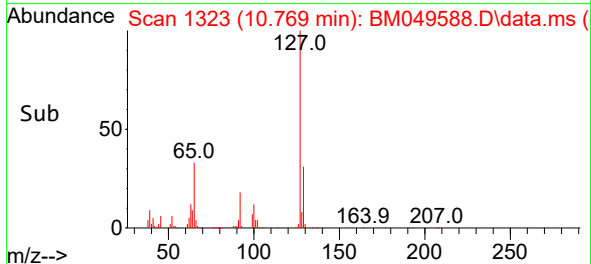
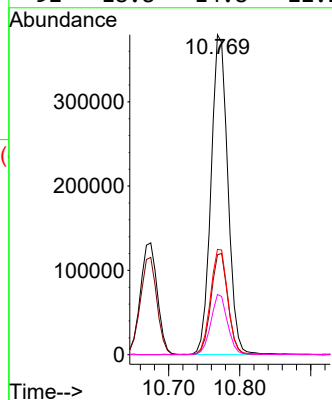
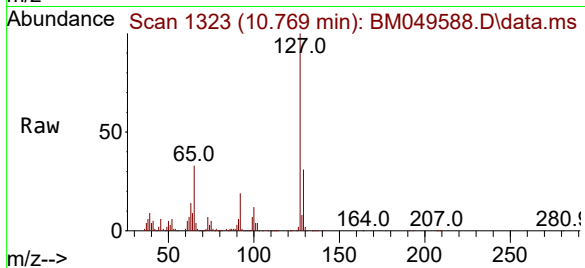
Ion Ratio Lower Upper

127 100

129 31.2 25.8 38.8

65 32.9 26.4 39.6

92 18.8 14.8 22.2



#34

Hexachlorobutadiene

Concen: 40.583 ng

RT: 10.969 min Scan# 1357

Delta R.T. -0.006 min

Lab File: BM049588.D

Acq: 06 Feb 2025 20:57

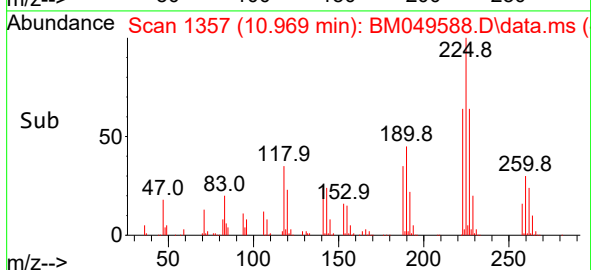
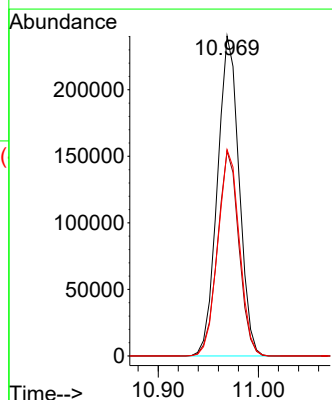
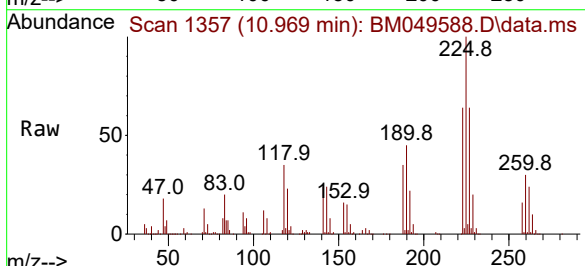
Tgt Ion:225 Resp: 360010

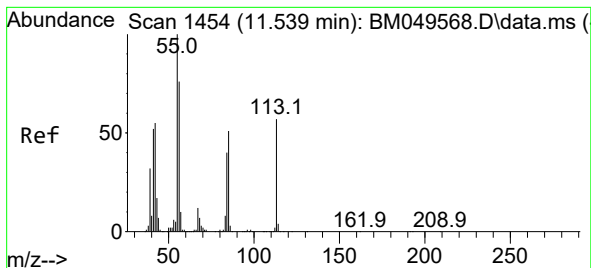
Ion Ratio Lower Upper

225 100

223 64.0 50.6 75.8

227 64.5 51.8 77.6





#35

Caprolactam

Concen: 38.711 ng

RT: 11.539 min Scan# 1454

Delta R.T. 0.000 min

Lab File: BM049588.D

Acq: 06 Feb 2025 20:57

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

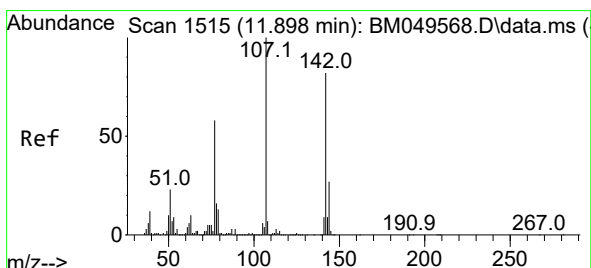
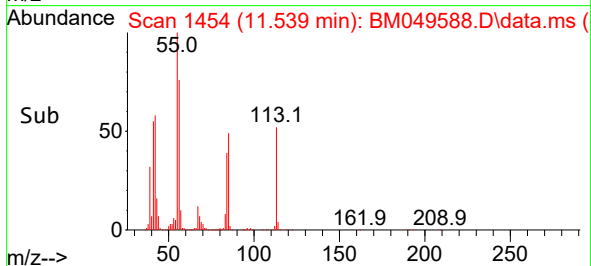
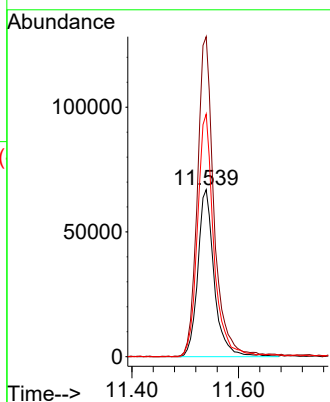
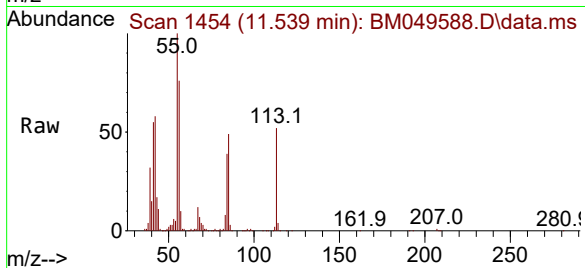
Tgt Ion:113 Resp: 142790

Ion Ratio Lower Upper

113 100

55 191.6 157.5 197.5

56 145.2 114.6 154.6



#36

4-Chloro-3-methylphenol

Concen: 40.066 ng

RT: 11.898 min Scan# 1515

Delta R.T. 0.000 min

Lab File: BM049588.D

Acq: 06 Feb 2025 20:57

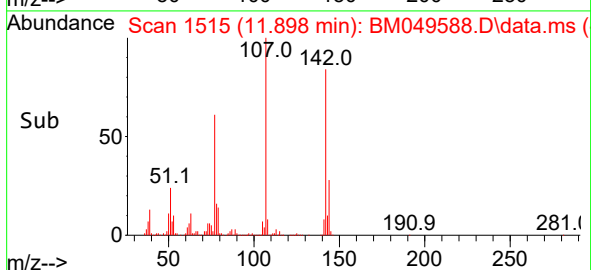
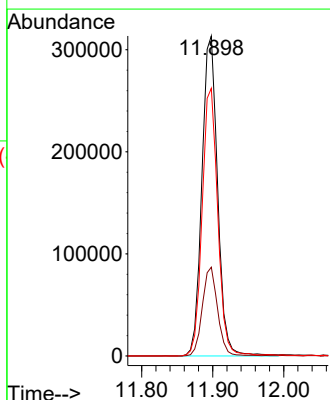
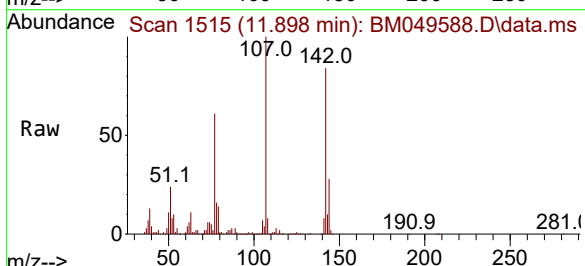
Tgt Ion:107 Resp: 483111

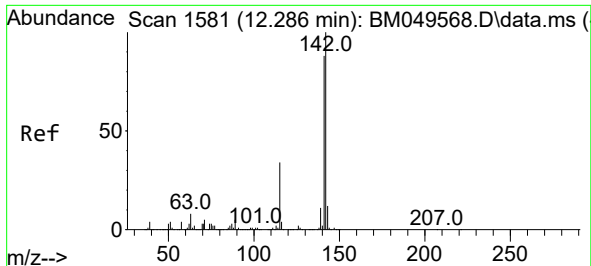
Ion Ratio Lower Upper

107 100

144 27.8 21.2 31.8

142 83.6 65.4 98.2

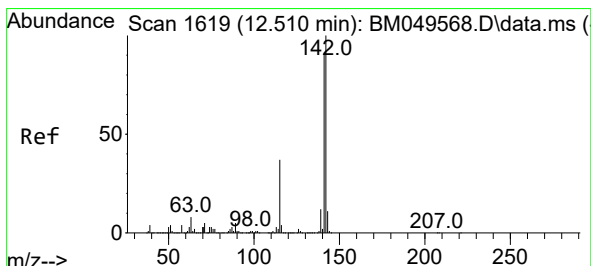
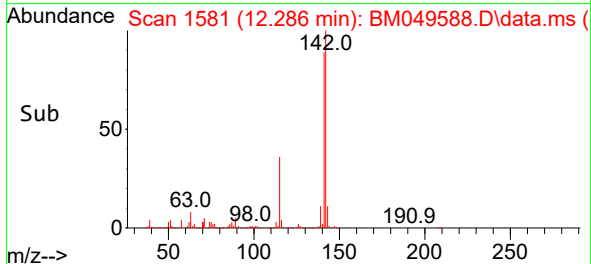
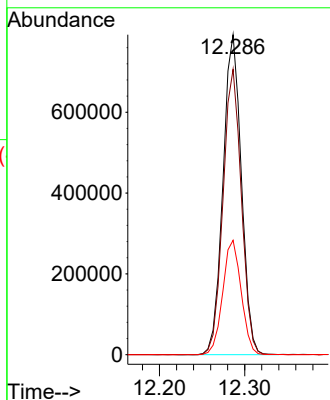
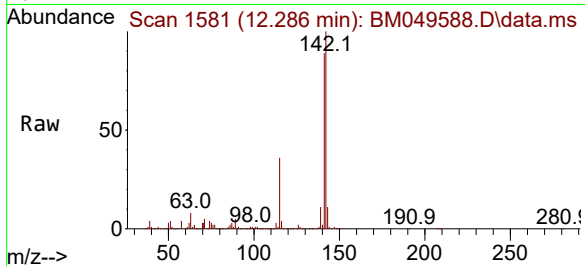




#37
2-Methylnaphthalene
Concen: 40.333 ng
RT: 12.286 min Scan# 1581
Delta R.T. 0.000 min
Lab File: BM049588.D
Acq: 06 Feb 2025 20:57

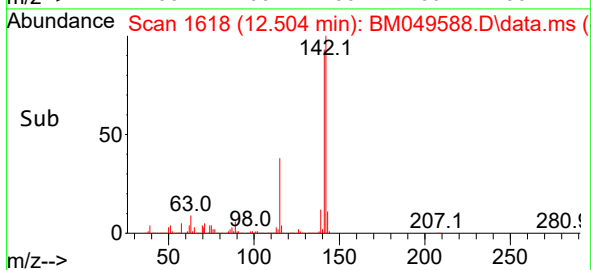
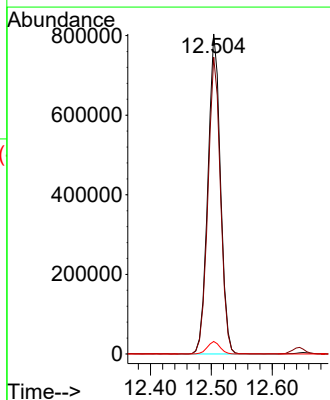
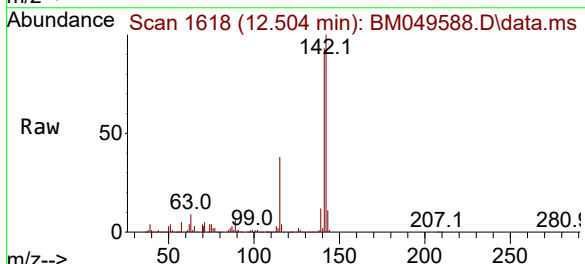
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

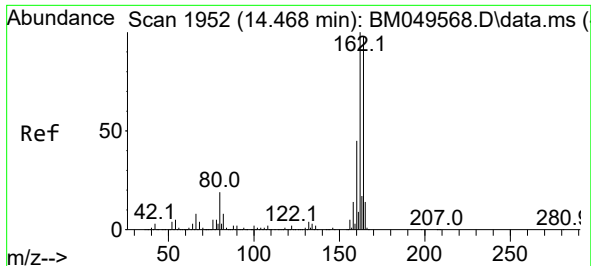
Tgt Ion:142 Resp: 1186089
Ion Ratio Lower Upper
142 100
141 89.2 70.2 105.4
115 35.8 27.5 41.3



#38
1-Methylnaphthalene
Concen: 40.308 ng
RT: 12.504 min Scan# 1618
Delta R.T. -0.006 min
Lab File: BM049588.D
Acq: 06 Feb 2025 20:57

Tgt Ion:142 Resp: 1153305
Ion Ratio Lower Upper
142 100
141 92.7 73.1 109.7
116 3.9 3.1 4.7





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.463 min Scan# 1952

Delta R.T. -0.006 min

Lab File: BM049588.D

Acq: 06 Feb 2025 20:57

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

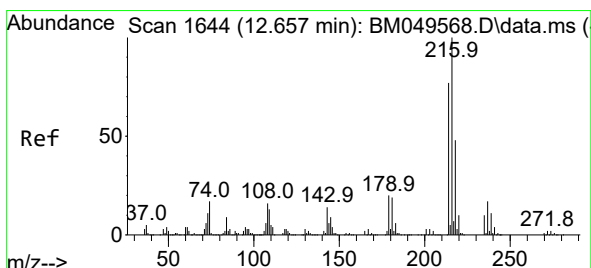
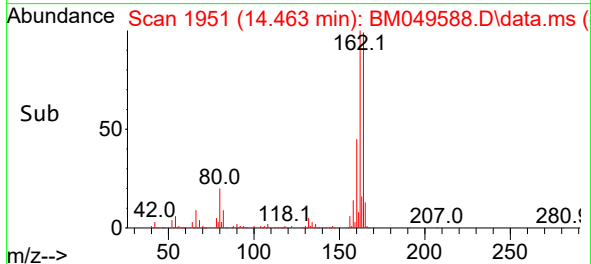
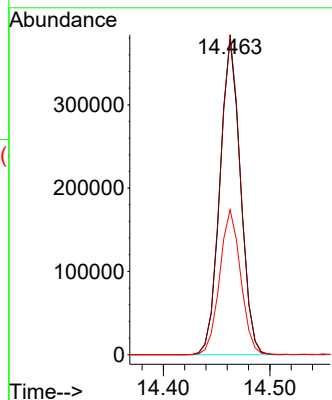
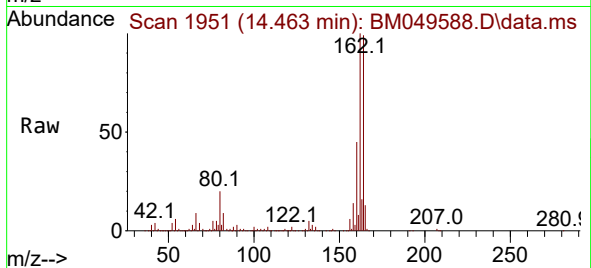
Tgt Ion:164 Resp: 507064

Ion Ratio Lower Upper

164 100

162 101.3 81.4 122.0

160 45.9 36.2 54.4



#40

1,2,4,5-Tetrachlorobenzene

Concen: 40.656 ng

RT: 12.651 min Scan# 1643

Delta R.T. -0.006 min

Lab File: BM049588.D

Acq: 06 Feb 2025 20:57

Tgt Ion:216 Resp: 677798

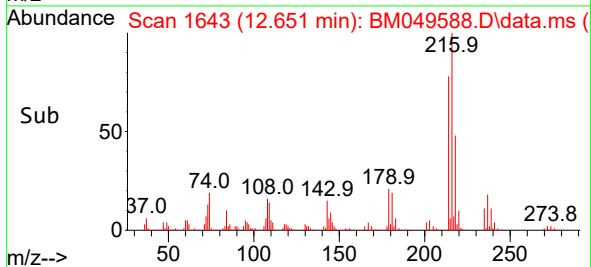
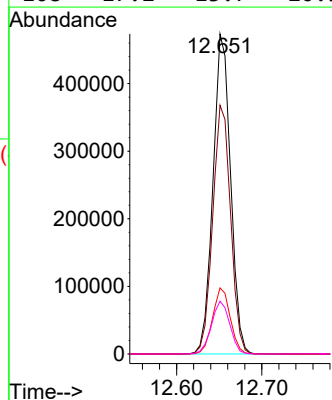
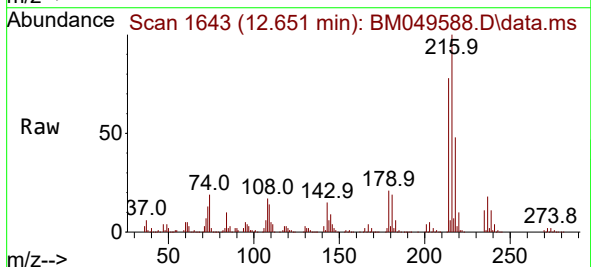
Ion Ratio Lower Upper

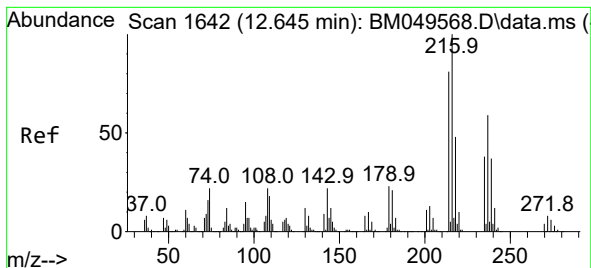
216 100

214 79.0 62.4 93.6

179 20.7 16.3 24.5

108 17.2 13.7 20.5

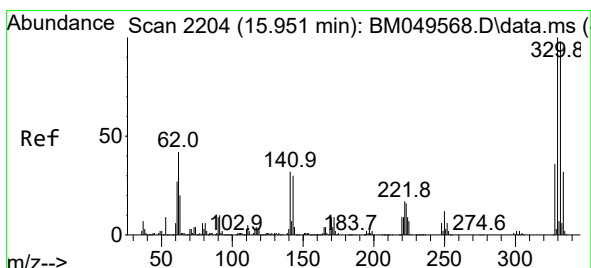
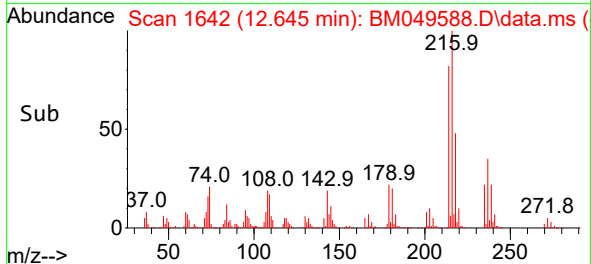
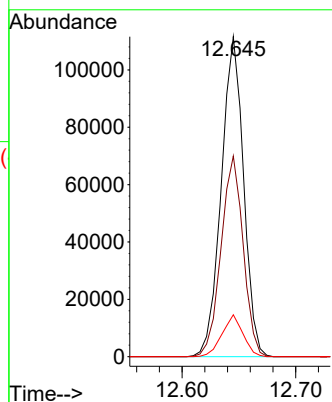
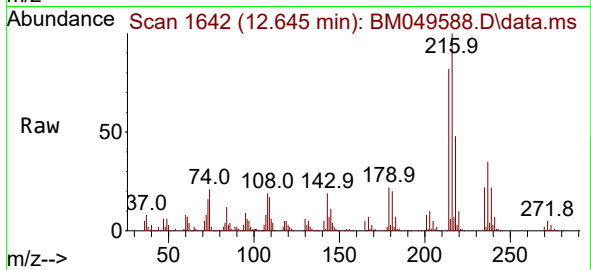




#41
Hexachlorocyclopentadiene
Concen: 35.789 ng
RT: 12.645 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM049588.D
Acq: 06 Feb 2025 20:57

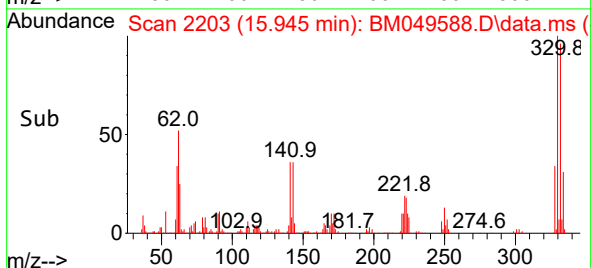
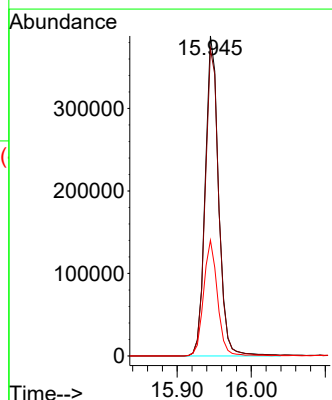
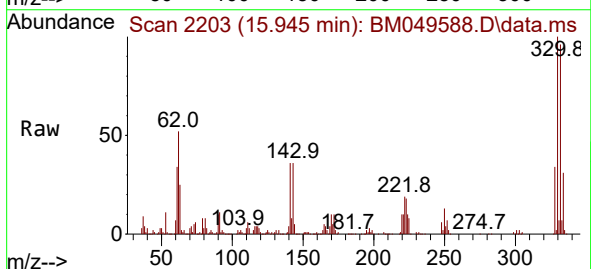
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

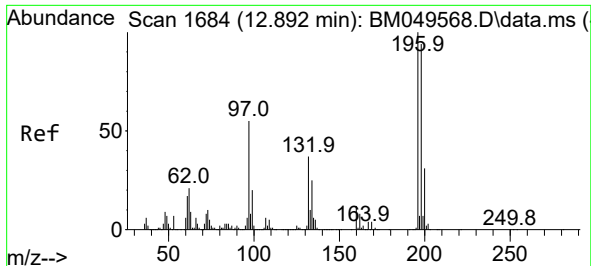
Tgt Ion:237 Resp: 152319
Ion Ratio Lower Upper
237 100
235 62.7 43.8 83.8
272 13.1 0.0 33.5



#42
2,4,6-Tribromophenol
Concen: 81.227 ng
RT: 15.945 min Scan# 2203
Delta R.T. -0.006 min
Lab File: BM049588.D
Acq: 06 Feb 2025 20:57

Tgt Ion:330 Resp: 488036
Ion Ratio Lower Upper
330 100
332 97.8 77.3 115.9
141 37.5 28.2 42.2

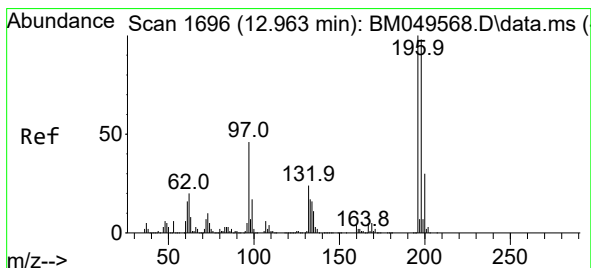
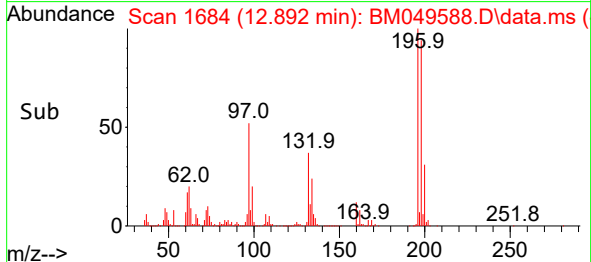
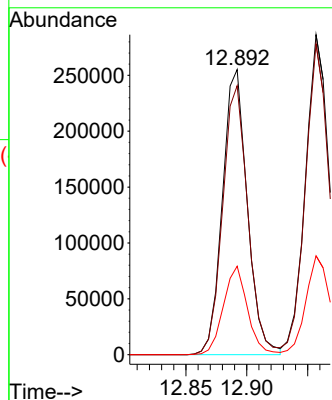
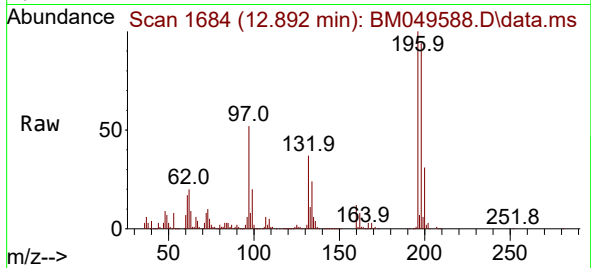




#43
2,4,6-Trichlorophenol
Concen: 39.910 ng
RT: 12.892 min Scan# 1684
Delta R.T. 0.000 min
Lab File: BM049588.D
Acq: 06 Feb 2025 20:57

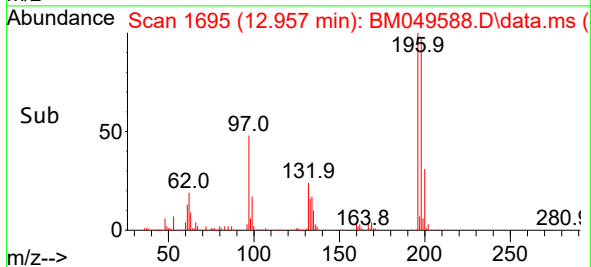
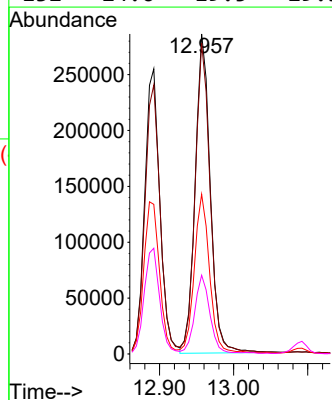
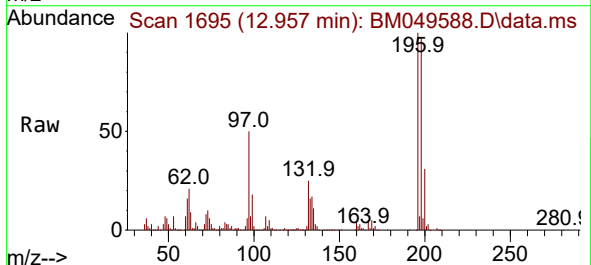
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

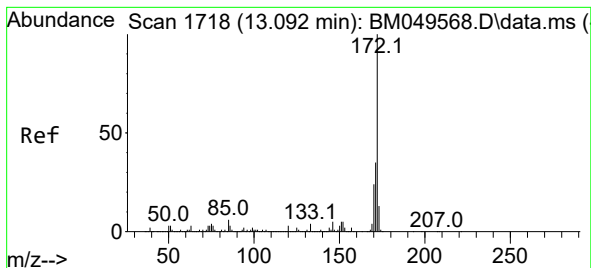
Tgt Ion:196 Resp: 363078
Ion Ratio Lower Upper
196 100
198 94.3 75.4 113.0
200 31.0 25.1 37.7



#44
2,4,5-Trichlorophenol
Concen: 40.522 ng
RT: 12.957 min Scan# 1695
Delta R.T. -0.006 min
Lab File: BM049588.D
Acq: 06 Feb 2025 20:57

Tgt Ion:196 Resp: 405122
Ion Ratio Lower Upper
196 100
198 97.1 78.4 117.6
97 49.9 37.4 56.0
132 24.6 19.5 29.3





#45

2-Fluorobiphenyl

Concen: 86.328 ng

RT: 13.092 min Scan# 1718

Delta R.T. 0.000 min

Lab File: BM049588.D

Acq: 06 Feb 2025 20:57

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

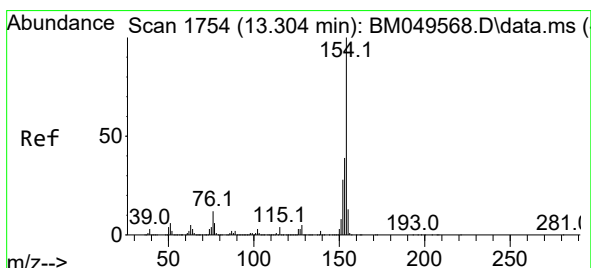
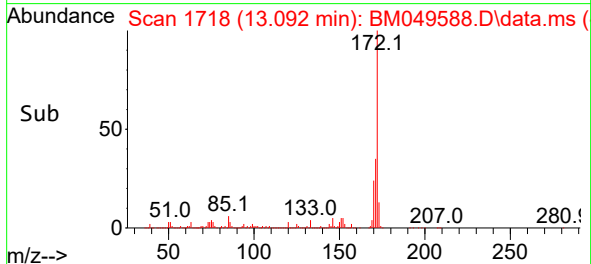
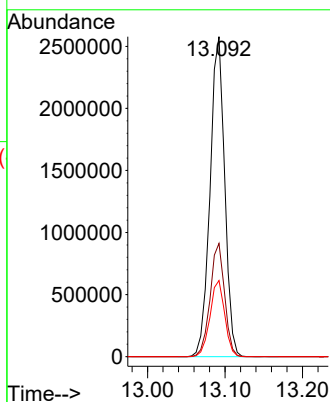
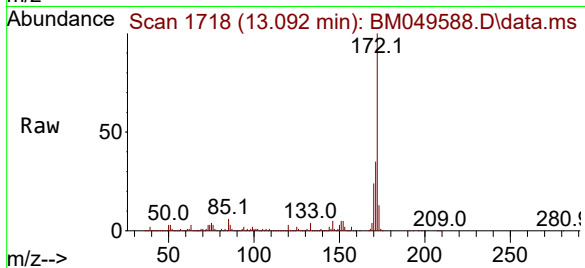
Tgt Ion:172 Resp: 3379027

Ion Ratio Lower Upper

172 100

171 35.4 28.0 42.0

170 23.8 19.0 28.4



#46

1,1'-Biphenyl

Concen: 40.877 ng

RT: 13.298 min Scan# 1753

Delta R.T. -0.006 min

Lab File: BM049588.D

Acq: 06 Feb 2025 20:57

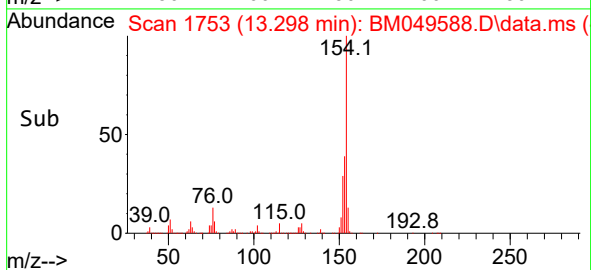
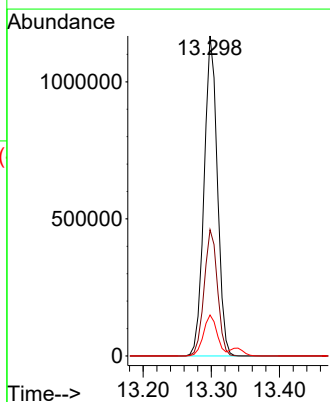
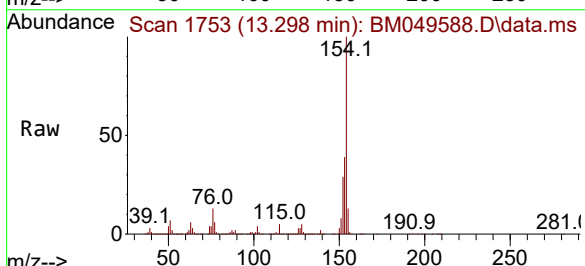
Tgt Ion:154 Resp: 1581206

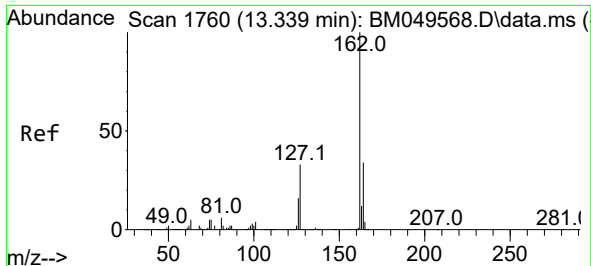
Ion Ratio Lower Upper

154 100

153 39.4 19.5 59.5

76 12.8 0.0 32.1

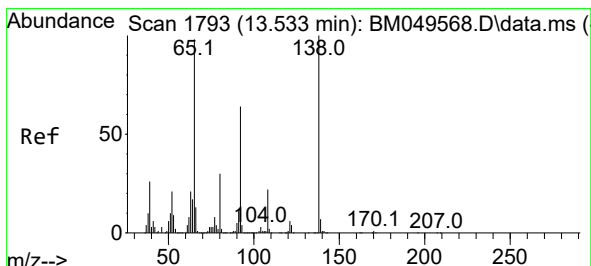
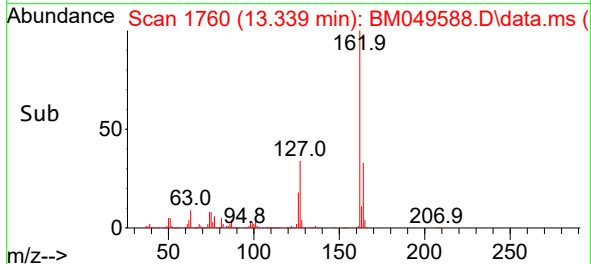
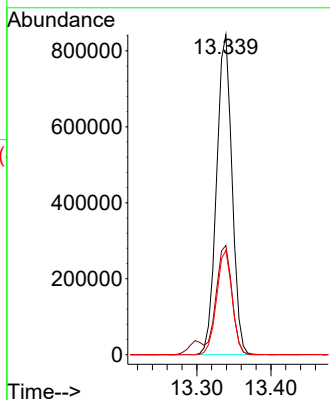
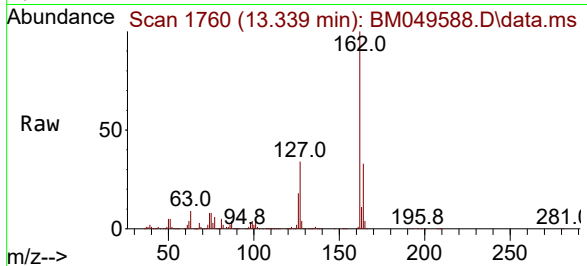




#47
2-Chloronaphthalene
Concen: 40.805 ng
RT: 13.339 min Scan# 11
Delta R.T. 0.000 min
Lab File: BM049588.D
Acq: 06 Feb 2025 20:57

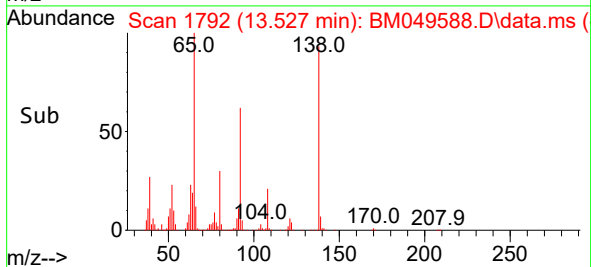
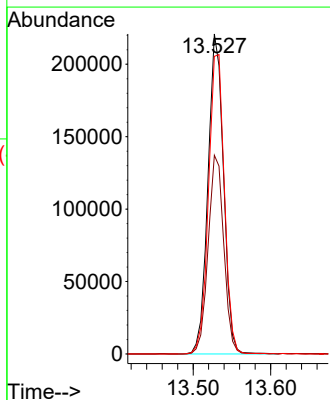
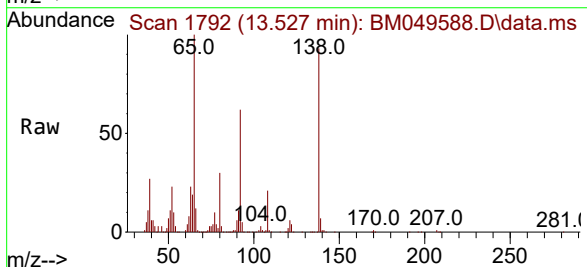
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

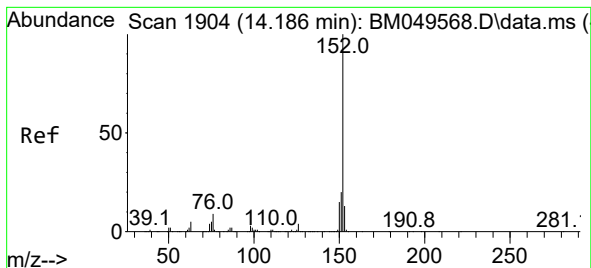
Tgt Ion:162 Resp: 1221214
Ion Ratio Lower Upper
162 100
127 34.2 27.9 41.9
164 32.6 26.8 40.2



#48
2-Nitroaniline
Concen: 39.768 ng
RT: 13.527 min Scan# 1792
Delta R.T. -0.006 min
Lab File: BM049588.D
Acq: 06 Feb 2025 20:57

Tgt Ion: 65 Resp: 307692
Ion Ratio Lower Upper
65 100
92 62.1 52.0 78.0
138 93.0 81.6 122.4





#49

Acenaphthylene

Concen: 40.880 ng

RT: 14.186 min Scan# 1904

Delta R.T. 0.000 min

Lab File: BM049588.D

Acq: 06 Feb 2025 20:57

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

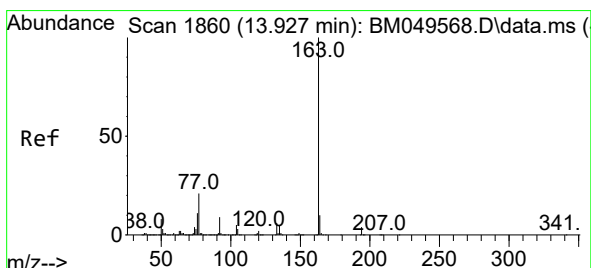
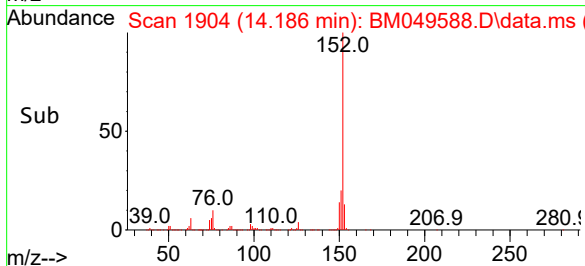
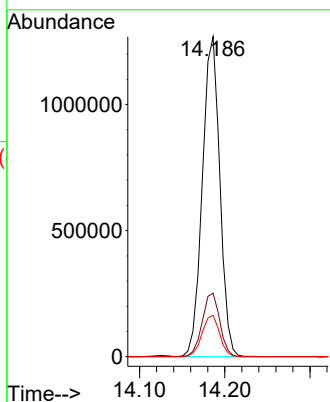
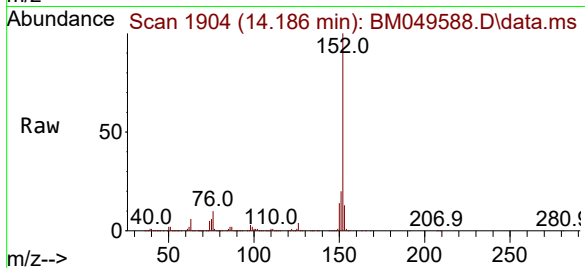
Tgt Ion:152 Resp: 1804090

Ion Ratio Lower Upper

152 100

151 19.9 16.2 24.4

153 13.0 10.6 16.0



#50

Dimethylphthalate

Concen: 40.117 ng

RT: 13.921 min Scan# 1859

Delta R.T. -0.006 min

Lab File: BM049588.D

Acq: 06 Feb 2025 20:57

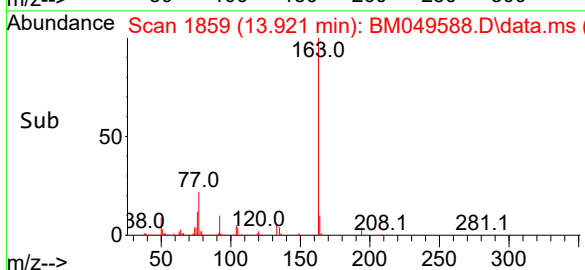
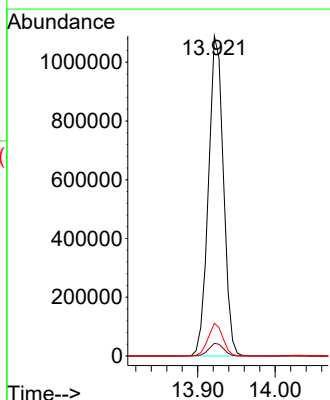
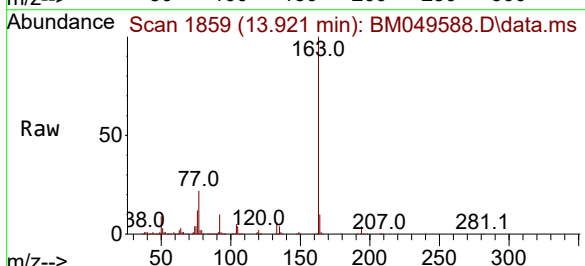
Tgt Ion:163 Resp: 1460824

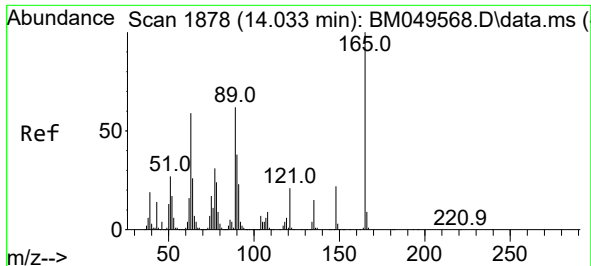
Ion Ratio Lower Upper

163 100

194 3.9 3.3 4.9

164 10.2 8.1 12.1





#51

2,6-Dinitrotoluene

Concen: 43.975 ng

RT: 14.027 min Scan# 1877

Delta R.T. -0.006 min

Lab File: BM049588.D

Acq: 06 Feb 2025 20:57

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

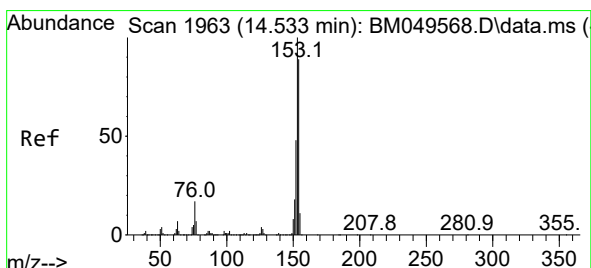
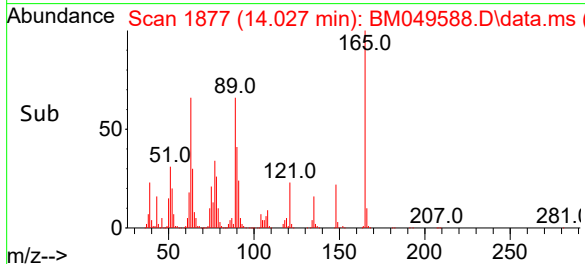
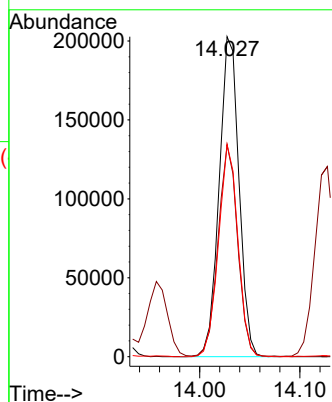
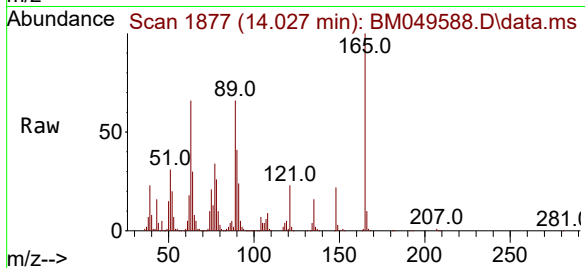
Tgt Ion:165 Resp: 277089

Ion Ratio Lower Upper

165 100

63 66.2 47.8 71.6

89 66.3 49.2 73.8



#52

Acenaphthene

Concen: 41.037 ng

RT: 14.527 min Scan# 1962

Delta R.T. -0.006 min

Lab File: BM049588.D

Acq: 06 Feb 2025 20:57

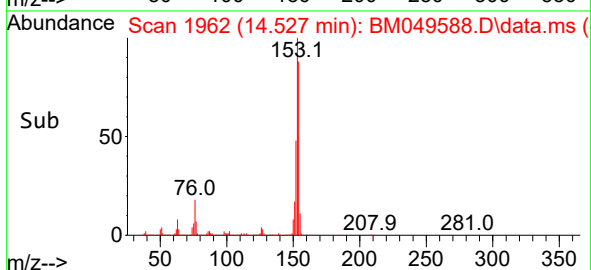
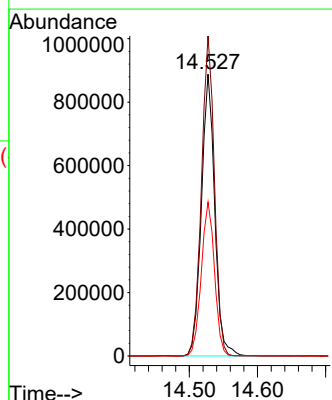
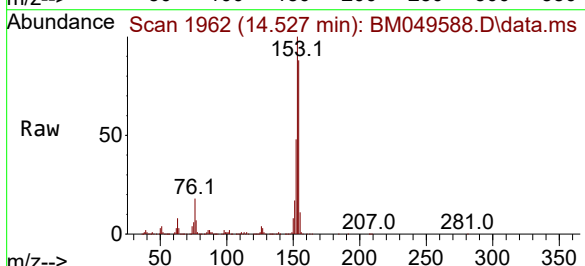
Tgt Ion:154 Resp: 1202085

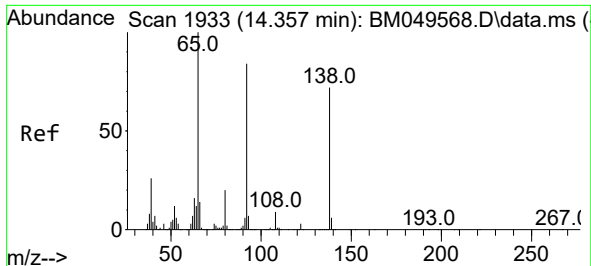
Ion Ratio Lower Upper

154 100

153 113.6 90.0 135.0

152 54.7 43.0 64.4

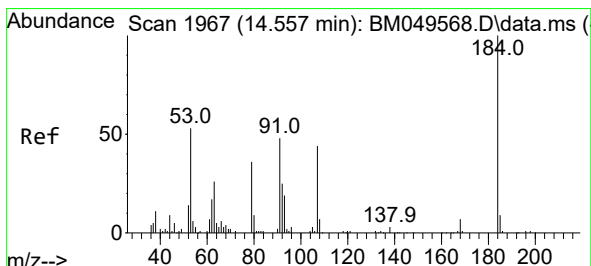
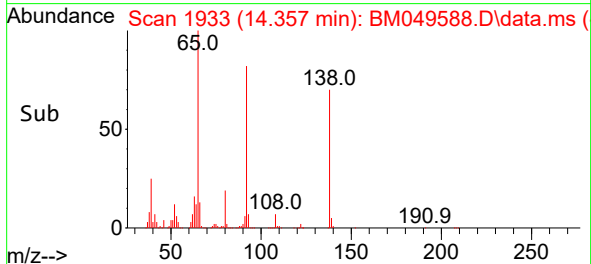
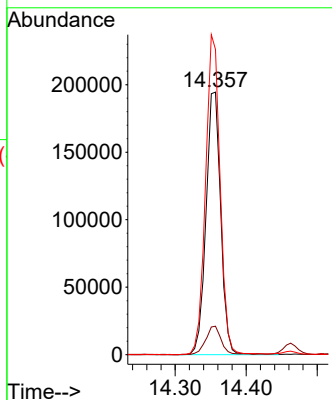
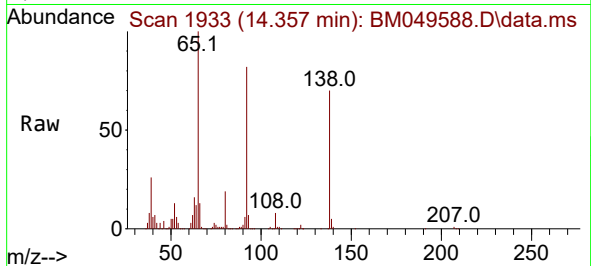




#53
3-Nitroaniline
Concen: 43.716 ng
RT: 14.357 min Scan# 1933
Delta R.T. 0.000 min
Lab File: BM049588.D
Acq: 06 Feb 2025 20:57

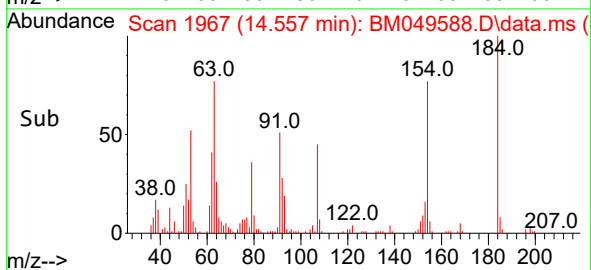
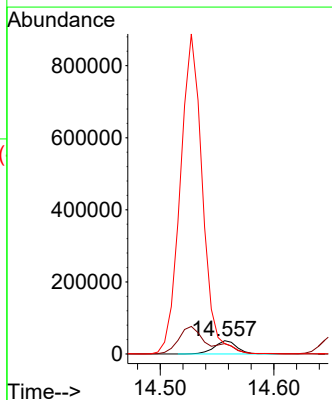
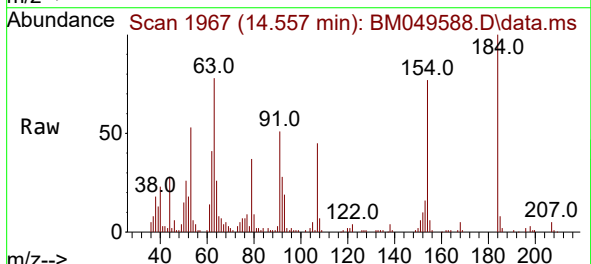
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

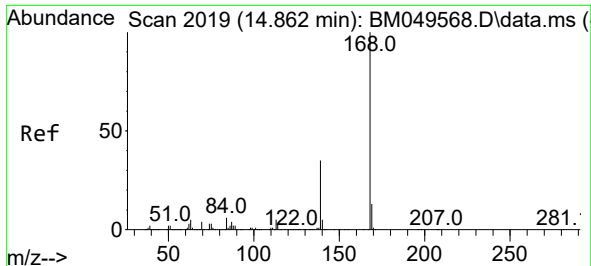
Tgt Ion:138 Resp: 280457
Ion Ratio Lower Upper
138 100
108 10.9 10.3 15.5
92 116.3 93.6 140.4



#54
2,4-Dinitrophenol
Concen: 36.667 ng
RT: 14.557 min Scan# 1967
Delta R.T. 0.000 min
Lab File: BM049588.D
Acq: 06 Feb 2025 20:57

Tgt Ion:184 Resp: 50813
Ion Ratio Lower Upper
184 100
63 78.0 60.2 90.4
154 76.9 78.2 117.4#

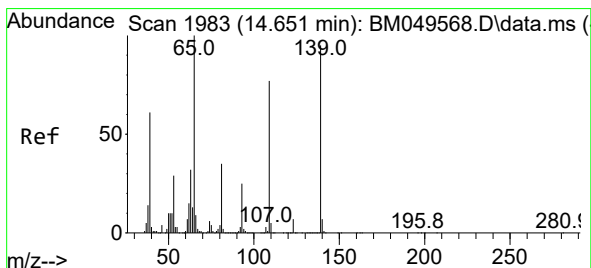
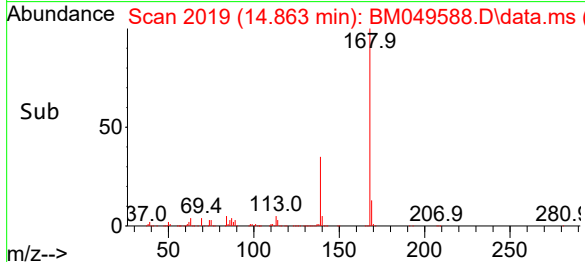
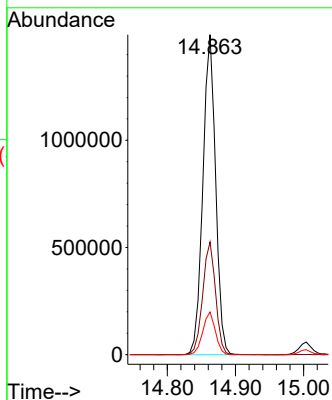
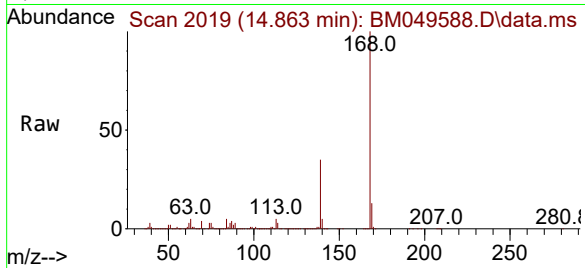




#55
Dibenzenofuran
Concen: 41.547 ng
RT: 14.863 min Scan# 2019
Delta R.T. 0.000 min
Lab File: BM049588.D
Acq: 06 Feb 2025 20:57

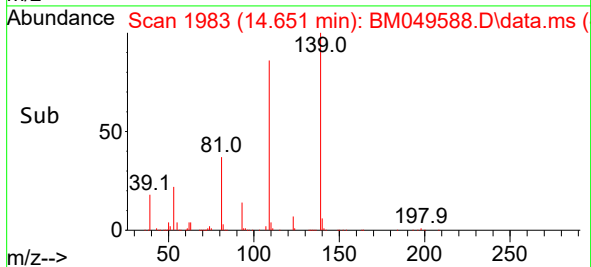
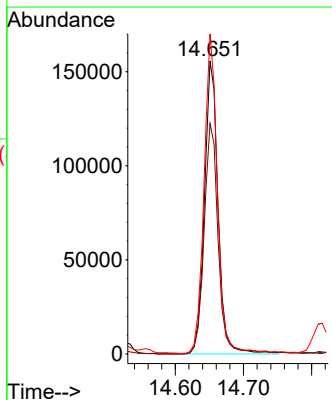
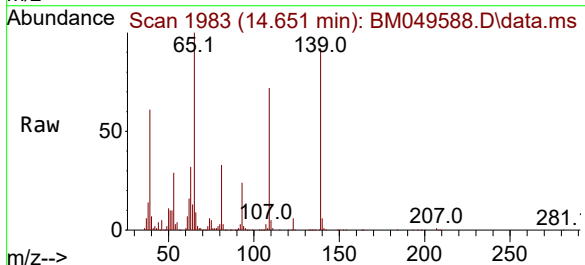
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

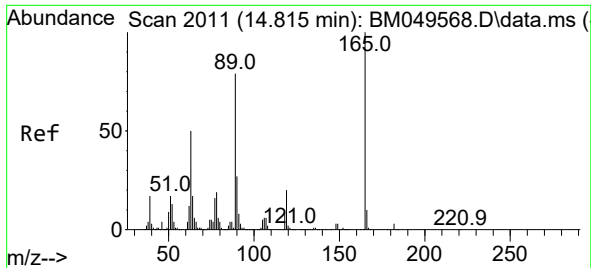
Tgt Ion:168 Resp: 1937853
Ion Ratio Lower Upper
168 100
139 35.3 28.4 42.6
169 13.3 10.8 16.2



#56
4-Nitrophenol
Concen: 39.999 ng
RT: 14.651 min Scan# 1983
Delta R.T. 0.000 min
Lab File: BM049588.D
Acq: 06 Feb 2025 20:57

Tgt Ion:139 Resp: 216315
Ion Ratio Lower Upper
139 100
109 78.7 61.4 101.4
65 109.3 85.6 125.6

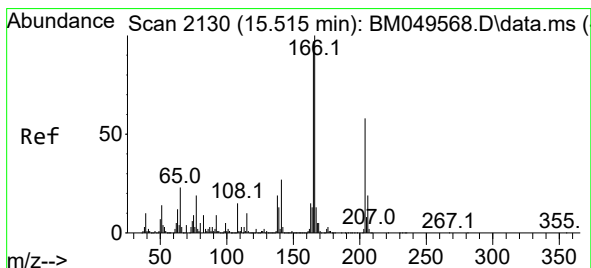
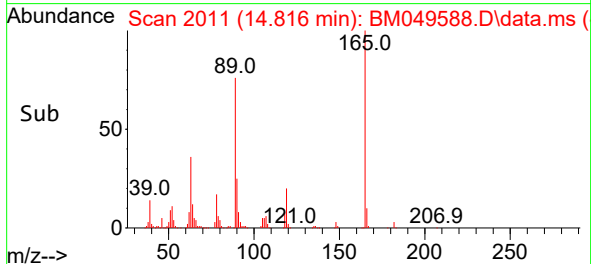
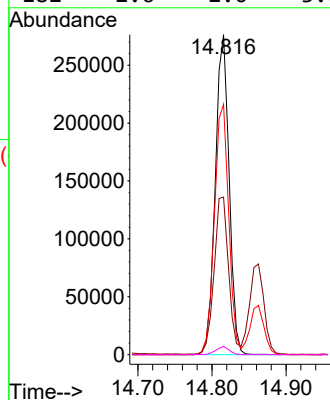
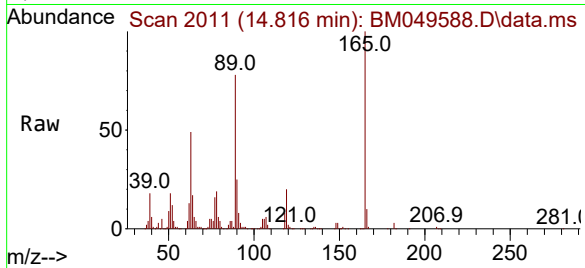




#57
2,4-Dinitrotoluene
Concen: 41.959 ng
RT: 14.816 min Scan# 2011
Delta R.T. 0.000 min
Lab File: BM049588.D
Acq: 06 Feb 2025 20:57

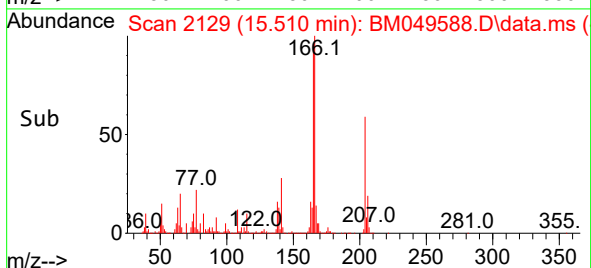
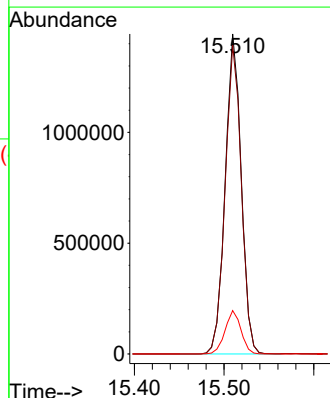
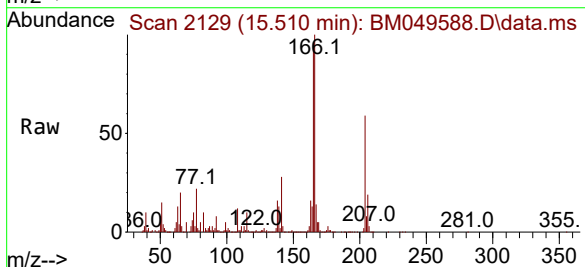
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

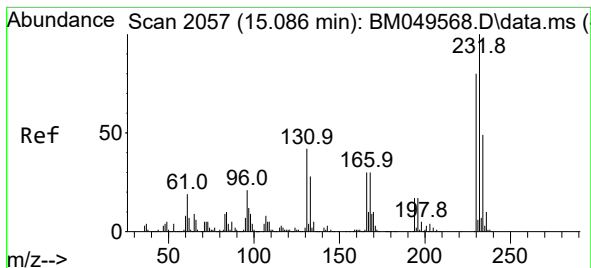
Tgt Ion:165 Resp: 357632
Ion Ratio Lower Upper
165 100
63 49.2 39.8 59.6
89 78.3 63.5 95.3
182 2.6 2.0 3.0



#58
Fluorene
Concen: 44.852 ng
RT: 15.510 min Scan# 2129
Delta R.T. -0.006 min
Lab File: BM049588.D
Acq: 06 Feb 2025 20:57

Tgt Ion:166 Resp: 1789624
Ion Ratio Lower Upper
166 100
165 96.5 77.7 116.5
167 13.6 10.7 16.1

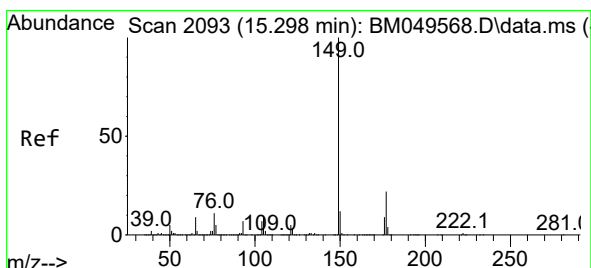
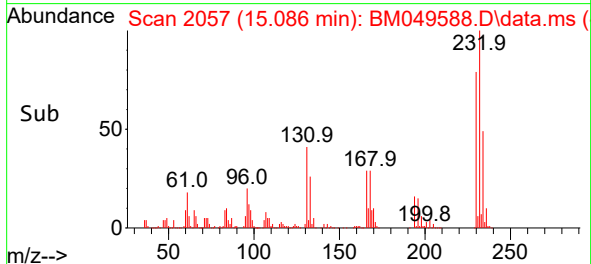
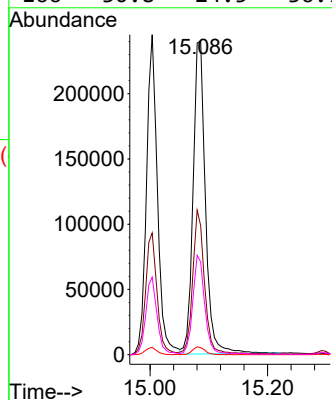
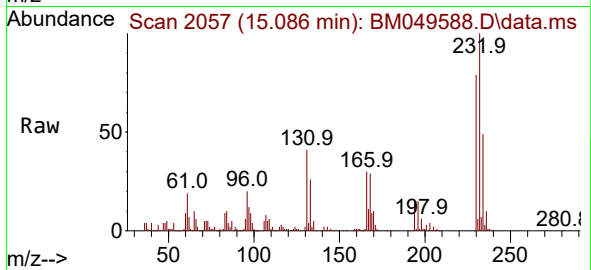




#59
2,3,4,6-Tetrachlorophenol
Concen: 41.586 ng
RT: 15.086 min Scan# 2057
Delta R.T. 0.000 min
Lab File: BM049588.D
Acq: 06 Feb 2025 20:57

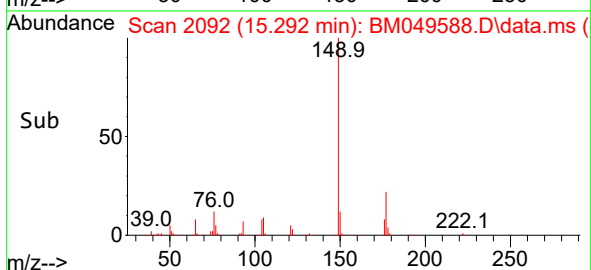
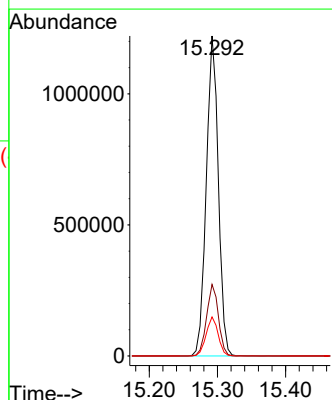
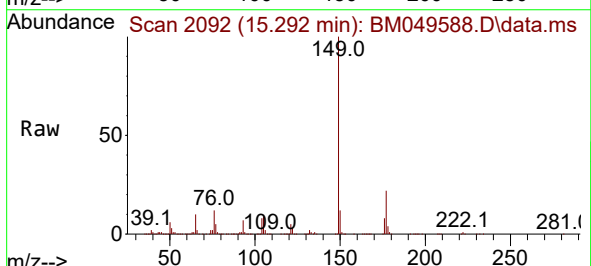
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

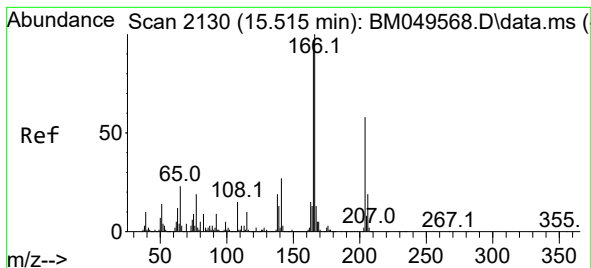
Tgt Ion:232 Resp: 351253
Ion Ratio Lower Upper
232 100
131 43.6 34.5 51.7
130 2.6 1.9 2.9
166 30.8 24.5 36.7



#60
Diethylphthalate
Concen: 40.924 ng
RT: 15.292 min Scan# 2092
Delta R.T. -0.006 min
Lab File: BM049588.D
Acq: 06 Feb 2025 20:57

Tgt Ion:149 Resp: 1497668
Ion Ratio Lower Upper
149 100
177 22.4 18.0 27.0
150 12.2 9.7 14.5

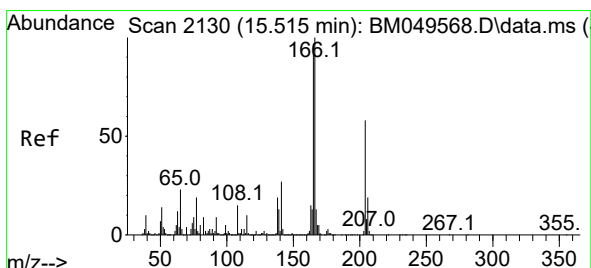
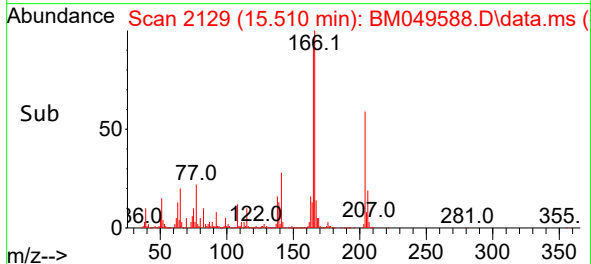
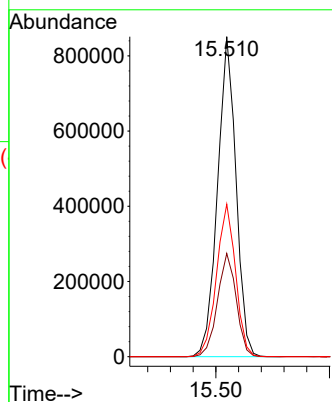
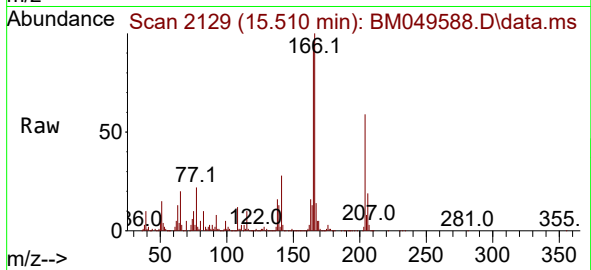




#61
4-Chlorophenyl-phenylether
Concen: 45.280 ng
RT: 15.510 min Scan# 2129
Delta R.T. -0.006 min
Lab File: BM049588.D
Acq: 06 Feb 2025 20:57

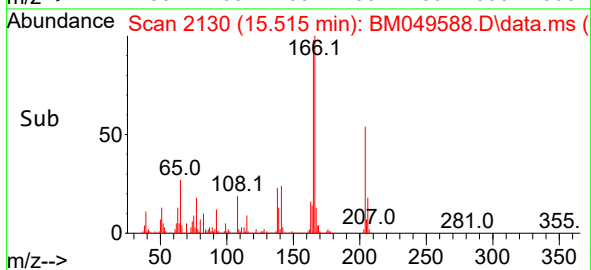
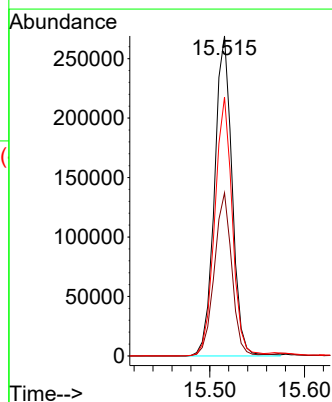
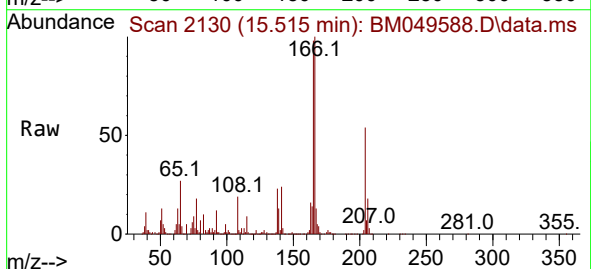
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

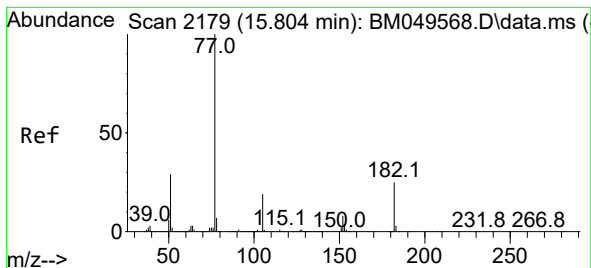
Tgt Ion:204 Resp: 961619
Ion Ratio Lower Upper
204 100
206 32.2 26.0 39.0
141 47.7 37.1 55.7



#62
4-Nitroaniline
Concen: 42.390 ng
RT: 15.515 min Scan# 2130
Delta R.T. 0.000 min
Lab File: BM049588.D
Acq: 06 Feb 2025 20:57

Tgt Ion:138 Resp: 347441
Ion Ratio Lower Upper
138 100
92 51.0 29.3 69.3
108 80.9 60.1 100.1

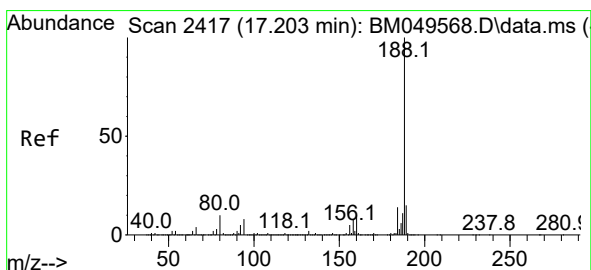
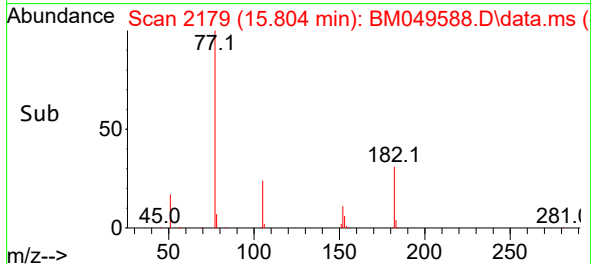
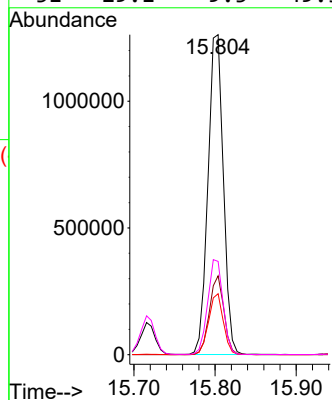
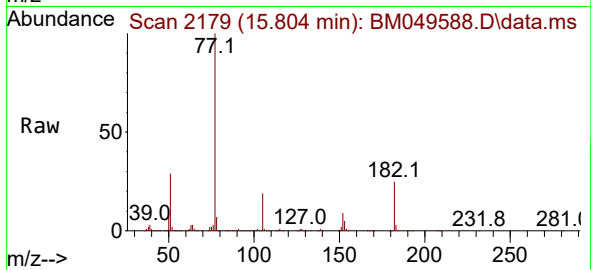




#63
Azobenzene
Concen: 43.363 ng
RT: 15.804 min Scan# 2179
Delta R.T. 0.000 min
Lab File: BM049588.D
Acq: 06 Feb 2025 20:57

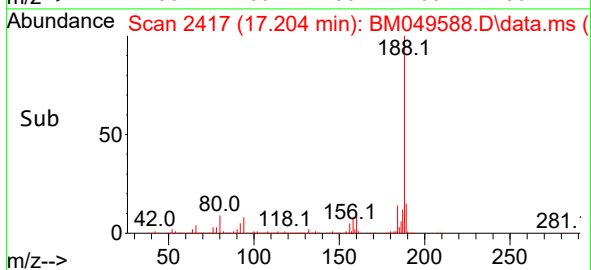
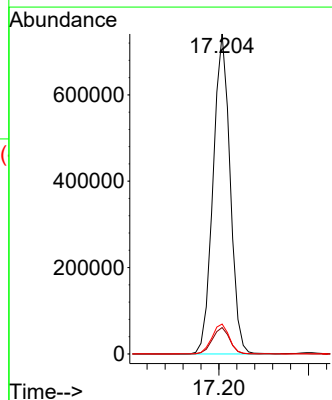
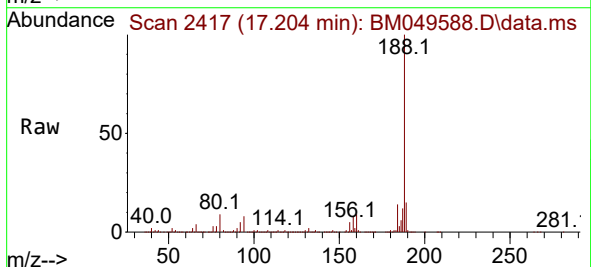
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

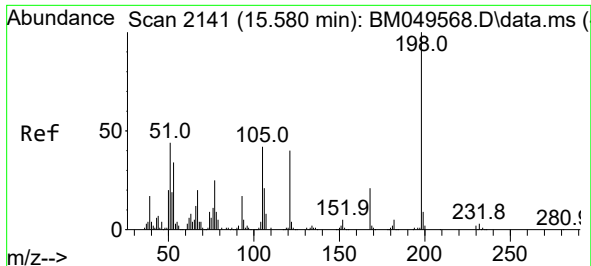
Tgt Ion: 77 Resp: 1656395
Ion Ratio Lower Upper
77 100
182 24.6 4.7 44.7
105 19.0 0.0 39.3
51 29.1 9.5 49.5



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.204 min Scan# 2417
Delta R.T. 0.000 min
Lab File: BM049588.D
Acq: 06 Feb 2025 20:57

Tgt Ion:188 Resp: 974401
Ion Ratio Lower Upper
188 100
94 8.3 6.7 10.1
80 9.3 7.7 11.5

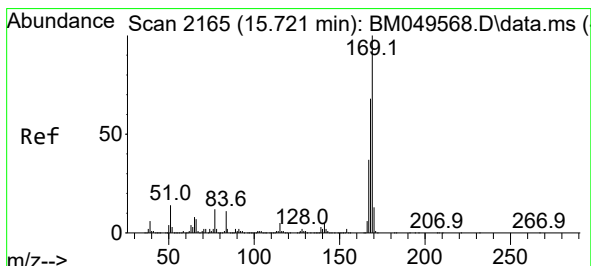
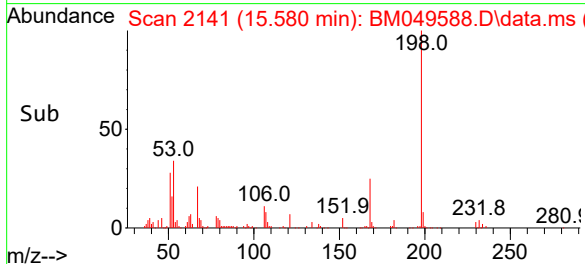
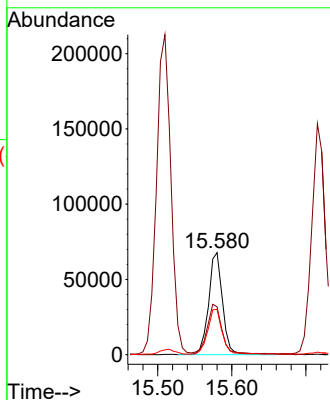
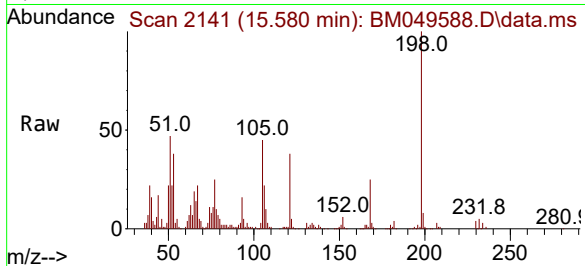




#65
4,6-Dinitro-2-methylphenol
Concen: 36.078 ng
RT: 15.580 min Scan# 2141
Delta R.T. 0.000 min
Lab File: BM049588.D
Acq: 06 Feb 2025 20:57

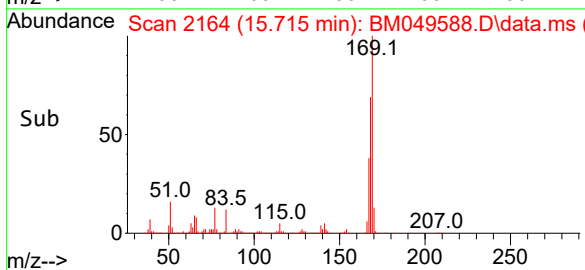
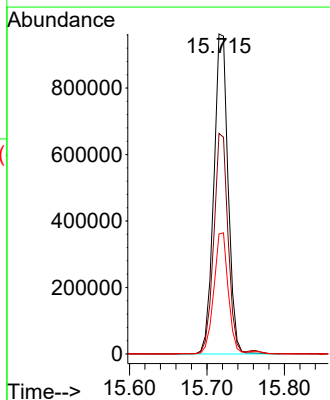
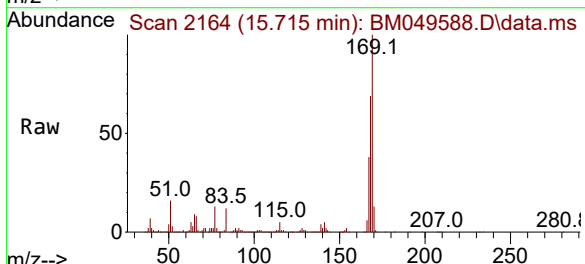
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

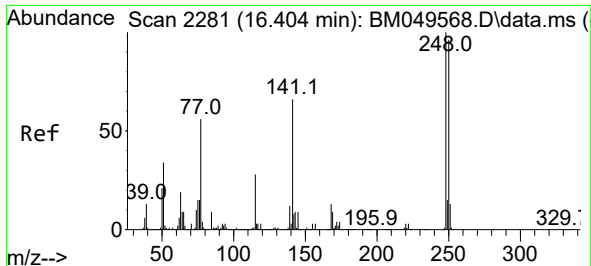
Tgt Ion:198 Resp: 88662
Ion Ratio Lower Upper
198 100
51 46.8 26.9 66.9
105 44.6 22.8 62.8



#66
n-Nitrosodiphenylamine
Concen: 40.441 ng
RT: 15.715 min Scan# 2164
Delta R.T. -0.006 min
Lab File: BM049588.D
Acq: 06 Feb 2025 20:57

Tgt Ion:169 Resp: 1242752
Ion Ratio Lower Upper
169 100
168 68.9 54.2 81.4
167 37.5 29.5 44.3

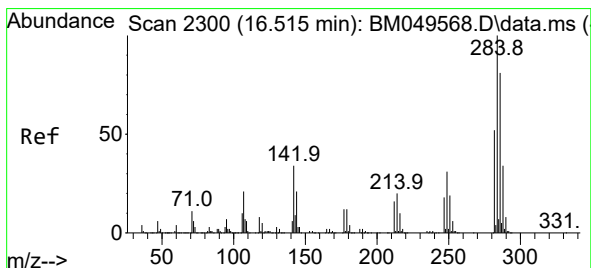
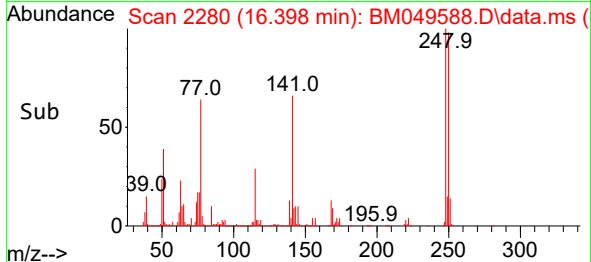
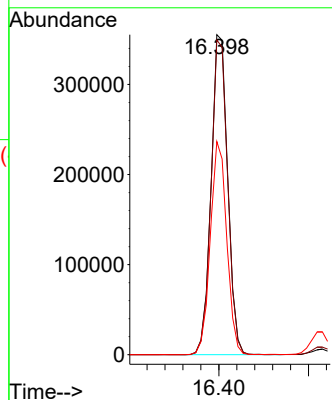
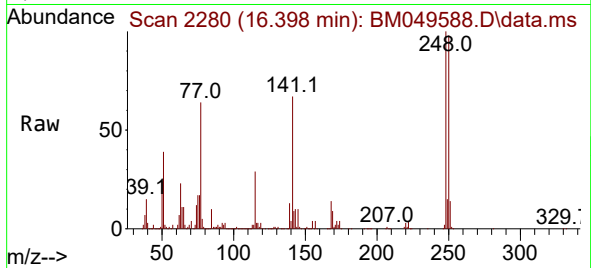




#67
4-Bromophenyl-phenylether
Concen: 40.248 ng
RT: 16.398 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM049588.D
Acq: 06 Feb 2025 20:57

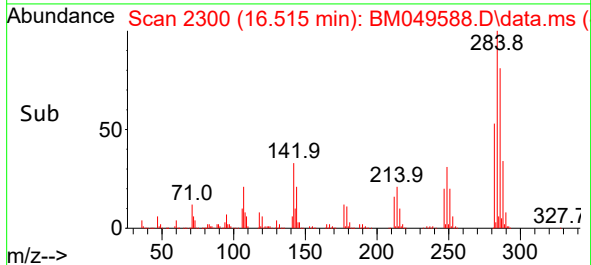
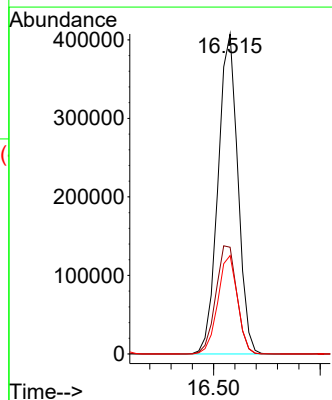
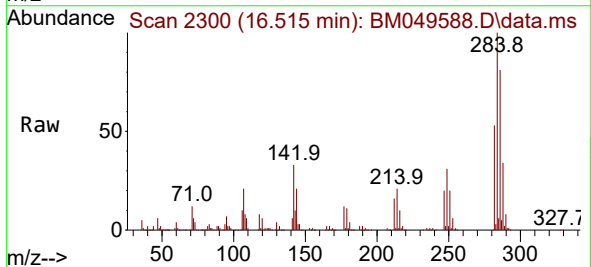
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

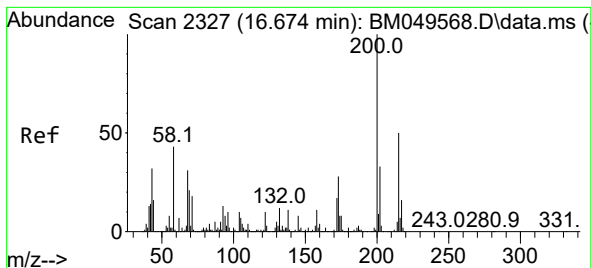
Tgt Ion:248 Resp: 455615
Ion Ratio Lower Upper
248 100
250 98.3 77.0 115.4
141 66.6 53.0 79.4



#68
Hexachlorobenzene
Concen: 40.431 ng
RT: 16.515 min Scan# 2300
Delta R.T. 0.000 min
Lab File: BM049588.D
Acq: 06 Feb 2025 20:57

Tgt Ion:284 Resp: 525308
Ion Ratio Lower Upper
284 100
142 33.4 27.1 40.7
249 30.8 24.6 36.8





#69

Atrazine

Concen: 36.494 ng

RT: 16.668 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM049588.D

Acq: 06 Feb 2025 20:57

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

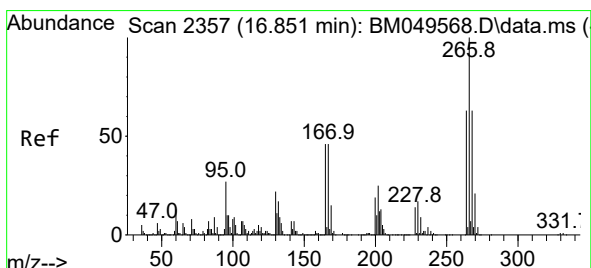
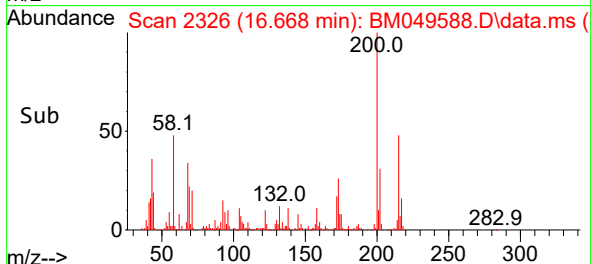
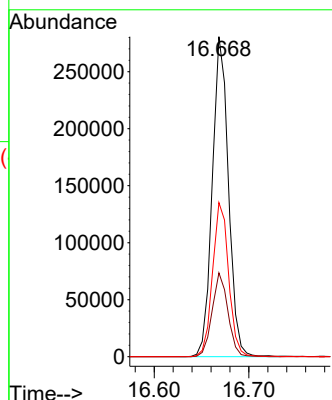
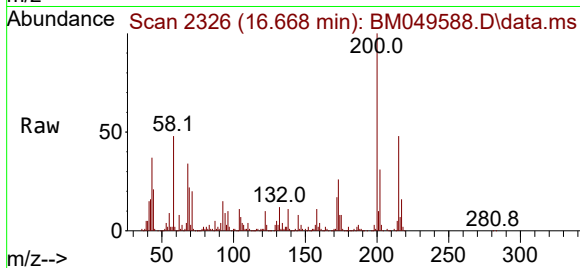
Tgt Ion:200 Resp: 333367

Ion Ratio Lower Upper

200 100

173 26.2 7.6 47.6

215 48.2 30.2 70.2



#70

Pentachlorophenol

Concen: 35.417 ng

RT: 16.851 min Scan# 2357

Delta R.T. 0.000 min

Lab File: BM049588.D

Acq: 06 Feb 2025 20:57

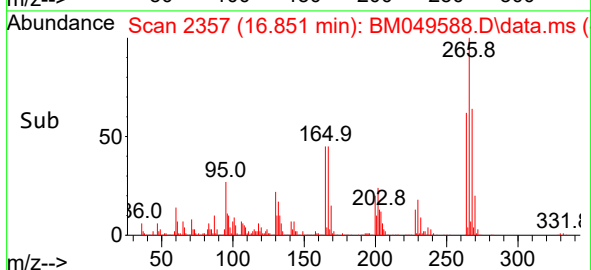
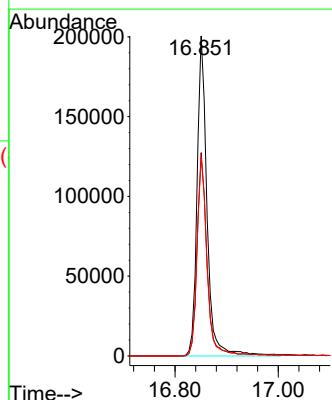
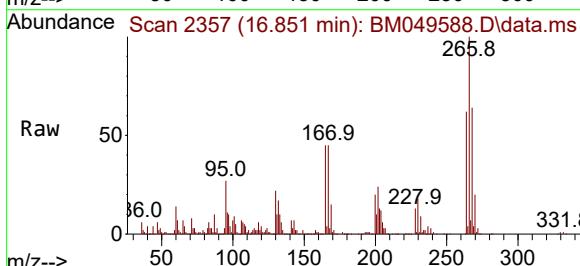
Tgt Ion:266 Resp: 268868

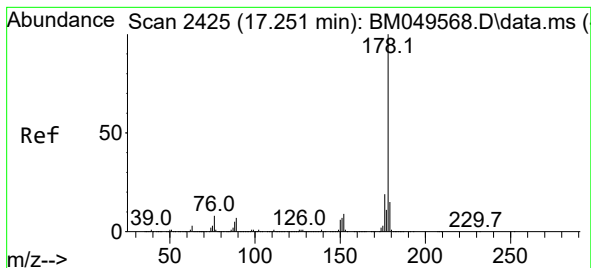
Ion Ratio Lower Upper

266 100

268 63.6 50.8 76.2

264 62.3 50.0 75.0





#71

Phenanthrene

Concen: 41.408 ng

RT: 17.245 min Scan# 2425

Delta R.T. -0.006 min

Lab File: BM049588.D

Acq: 06 Feb 2025 20:57

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

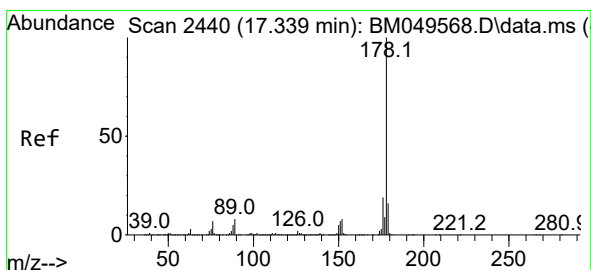
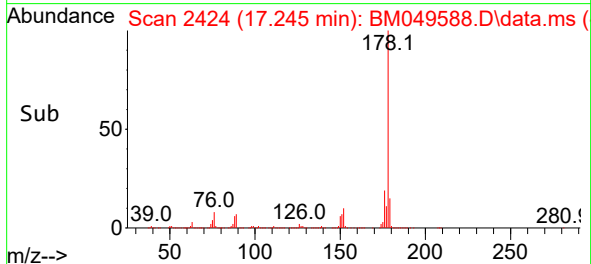
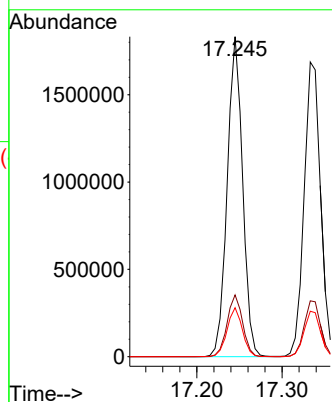
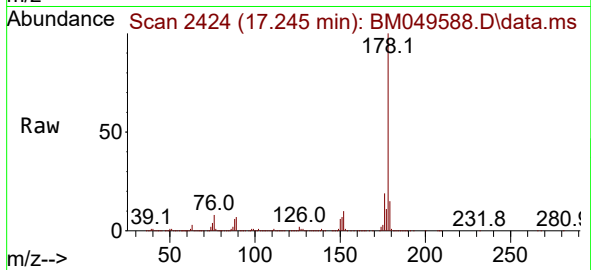
Tgt Ion:178 Resp: 2298586

Ion Ratio Lower Upper

178 100

176 19.3 15.5 23.3

179 15.3 12.2 18.2



#72

Anthracene

Concen: 41.318 ng

RT: 17.333 min Scan# 2439

Delta R.T. -0.006 min

Lab File: BM049588.D

Acq: 06 Feb 2025 20:57

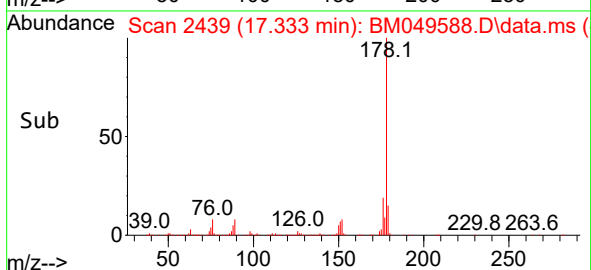
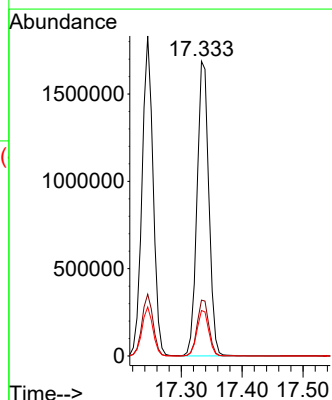
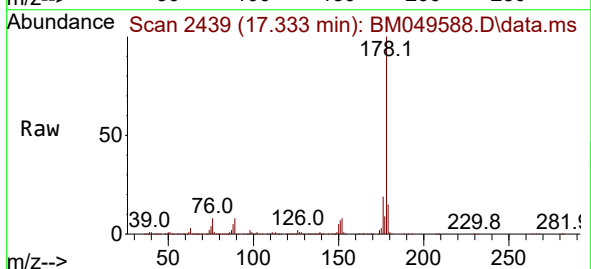
Tgt Ion:178 Resp: 2271011

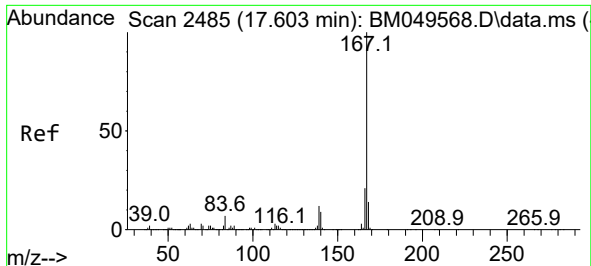
Ion Ratio Lower Upper

178 100

176 19.0 15.2 22.8

179 15.4 12.4 18.6

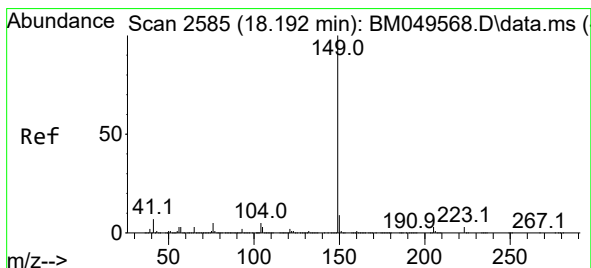
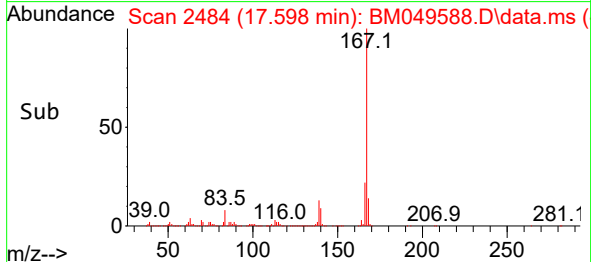
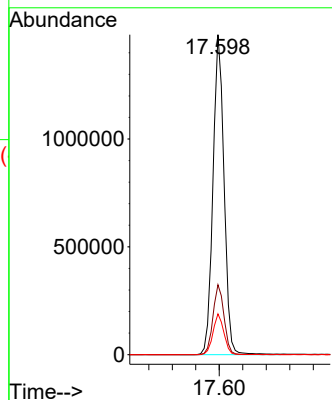
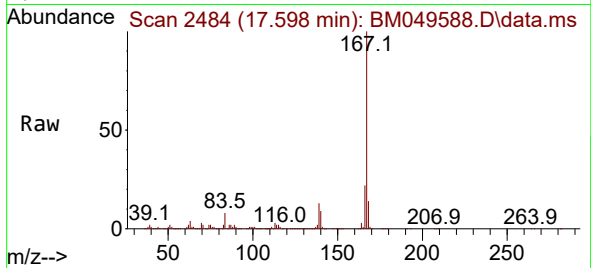




#73
 Carbazole
 Concen: 40.344 ng
 RT: 17.598 min Scan# 2484
 Delta R.T. -0.006 min
 Lab File: BM049588.D
 Acq: 06 Feb 2025 20:57

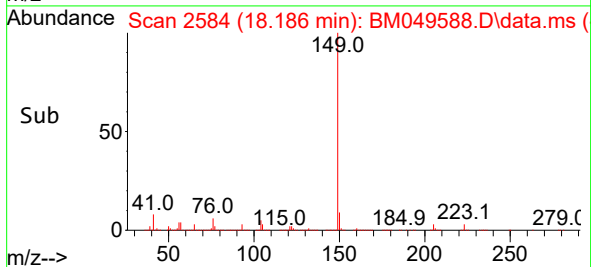
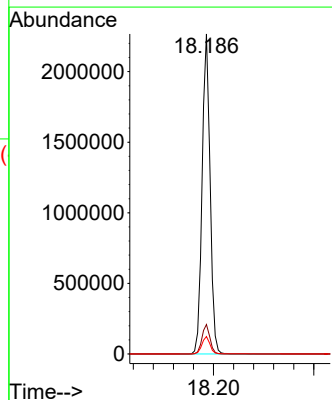
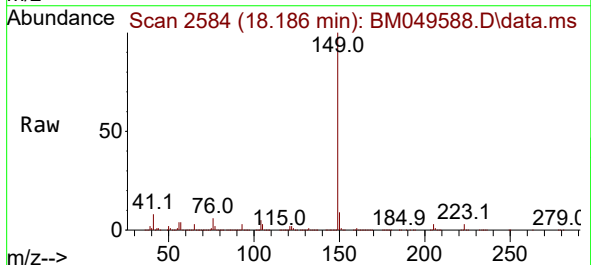
Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC040

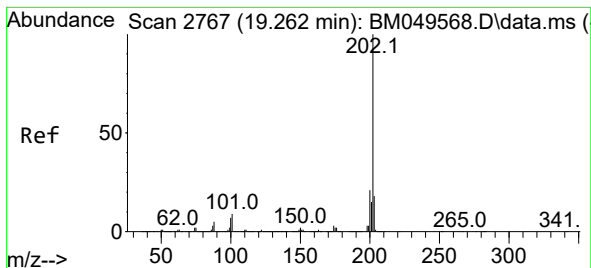
Tgt Ion:167 Resp: 1946300
 Ion Ratio Lower Upper
 167 100
 166 21.9 17.2 25.8
 139 12.8 9.6 14.4



#74
 Di-n-butylphthalate
 Concen: 40.609 ng
 RT: 18.186 min Scan# 2584
 Delta R.T. -0.006 min
 Lab File: BM049588.D
 Acq: 06 Feb 2025 20:57

Tgt Ion:149 Resp: 2485846
 Ion Ratio Lower Upper
 149 100
 150 9.2 7.4 11.0
 104 5.5 4.1 6.1





#75

Fluoranthene

Concen: 42.084 ng

RT: 19.256 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM049588.D

Acq: 06 Feb 2025 20:57

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

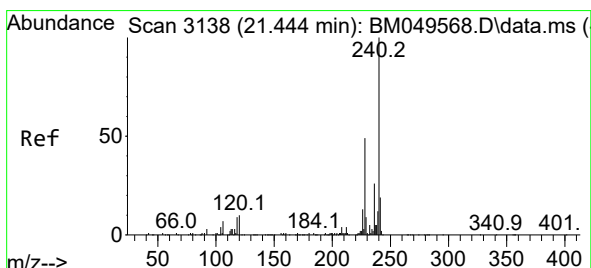
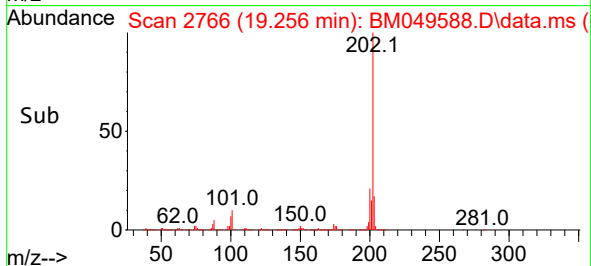
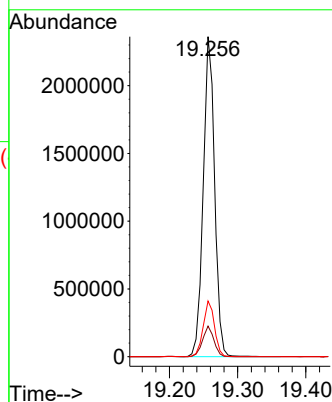
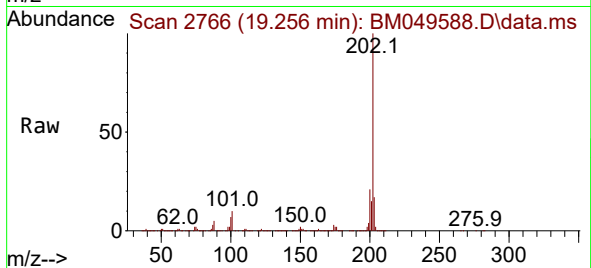
Tgt Ion:202 Resp: 2735068

Ion Ratio Lower Upper

202 100

101 9.6 0.0 29.1

203 17.4 0.0 37.5



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.445 min Scan# 3138

Delta R.T. 0.000 min

Lab File: BM049588.D

Acq: 06 Feb 2025 20:57

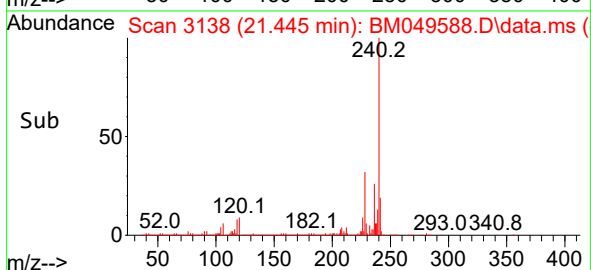
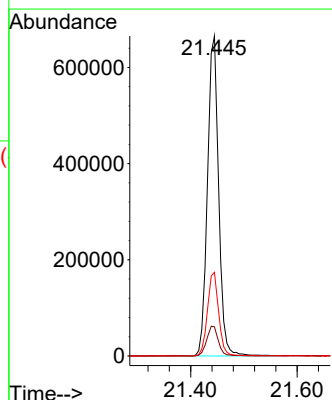
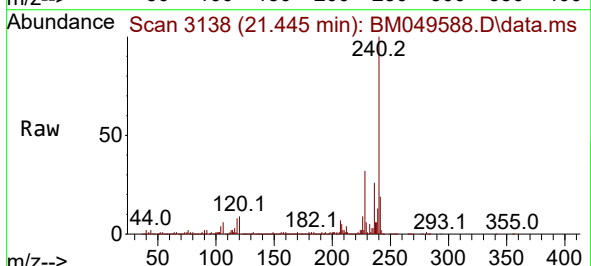
Tgt Ion:240 Resp: 966828

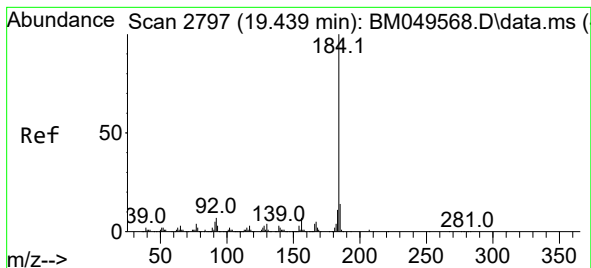
Ion Ratio Lower Upper

240 100

120 9.1 7.8 11.8

236 26.2 20.6 31.0





#77

Benzidine

Concen: 36.011 ng

RT: 19.439 min Scan# 21

Delta R.T. 0.000 min

Lab File: BM049588.D

Acq: 06 Feb 2025 20:57

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

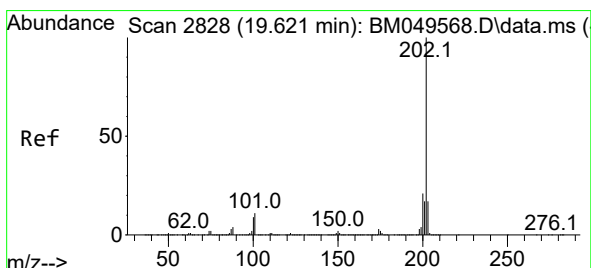
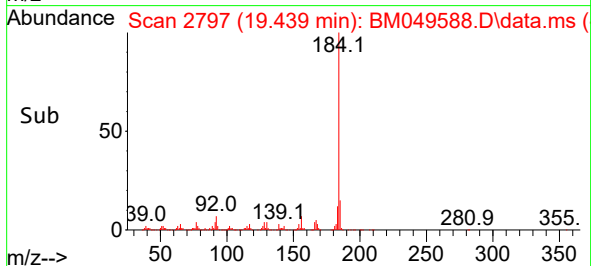
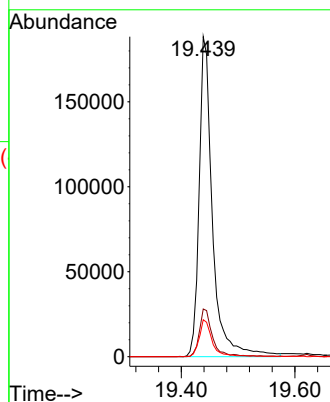
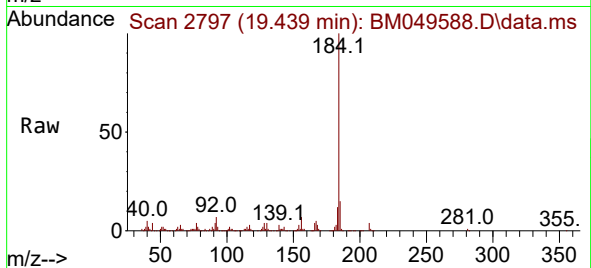
Tgt Ion:184 Resp: 308323

Ion Ratio Lower Upper

184 100

185 14.9 11.6 17.4

183 11.6 8.9 13.3



#78

Pyrene

Concen: 38.997 ng

RT: 19.621 min Scan# 2828

Delta R.T. 0.000 min

Lab File: BM049588.D

Acq: 06 Feb 2025 20:57

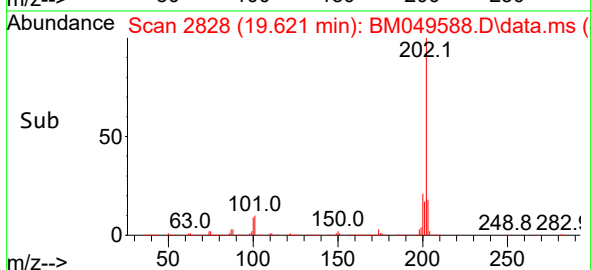
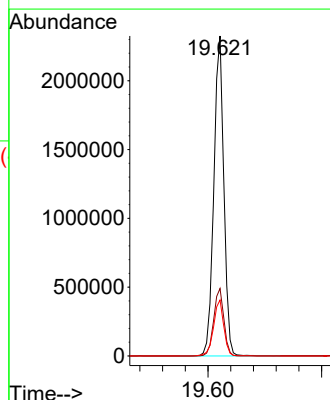
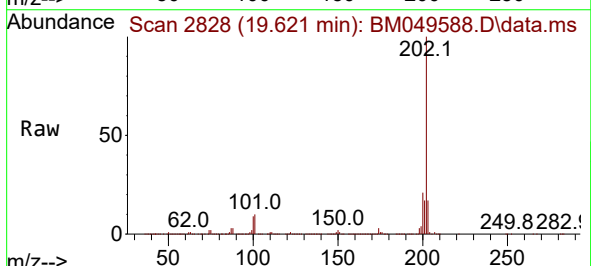
Tgt Ion:202 Resp: 2823085

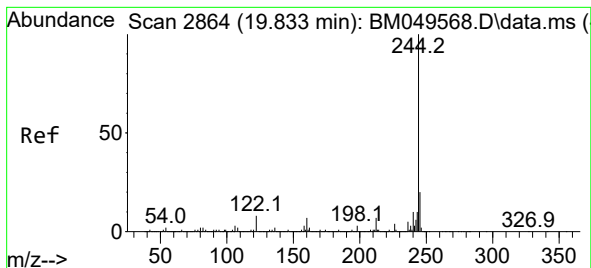
Ion Ratio Lower Upper

202 100

200 21.1 16.8 25.2

203 17.5 13.8 20.8





#79

Terphenyl-d14

Concen: 95.247 ng

RT: 19.827 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM049588.D

Acq: 06 Feb 2025 20:57

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

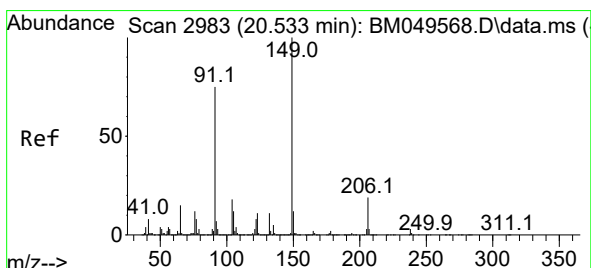
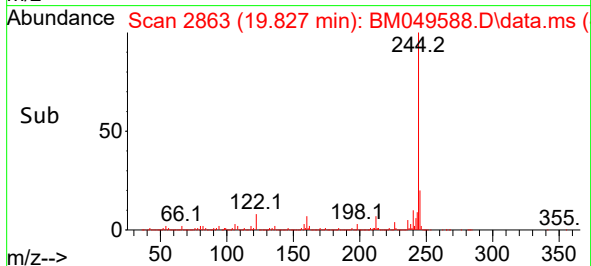
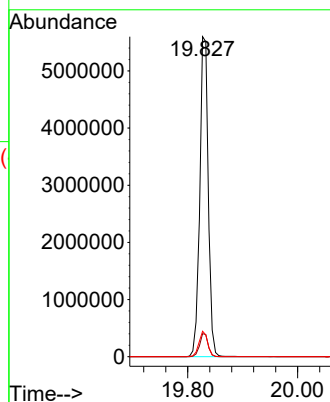
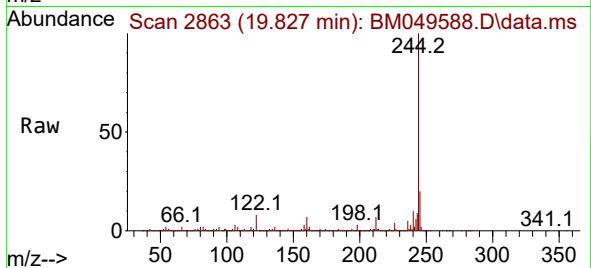
Tgt Ion:244 Resp: 6030428

Ion Ratio Lower Upper

244 100

212 7.2 5.8 8.6

122 8.0 6.2 9.2



#80

Butylbenzylphthalate

Concen: 33.528 ng

RT: 20.533 min Scan# 2983

Delta R.T. 0.000 min

Lab File: BM049588.D

Acq: 06 Feb 2025 20:57

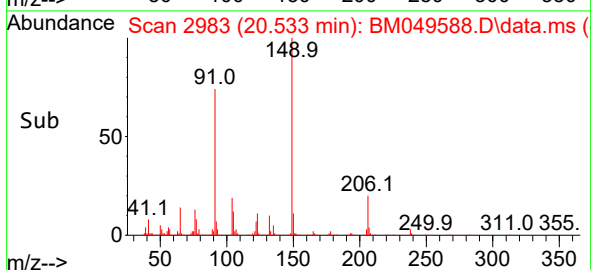
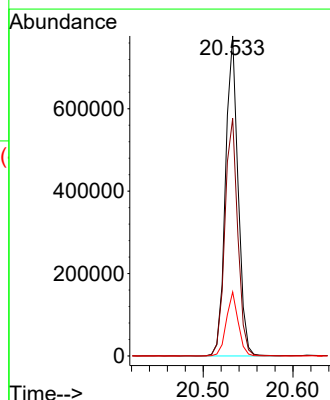
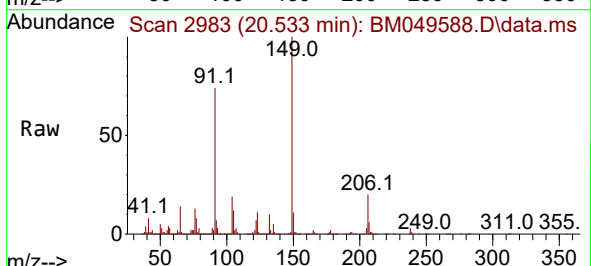
Tgt Ion:149 Resp: 755260

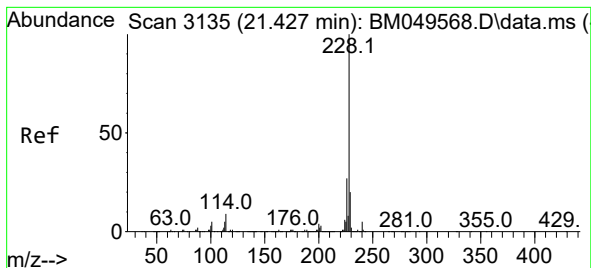
Ion Ratio Lower Upper

149 100

91 74.2 60.2 90.2

206 20.0 15.4 23.0





#81

Benzo(a)anthracene

Concen: 40.622 ng

RT: 21.427 min Scan# 3135

Delta R.T. 0.000 min

Lab File: BM049588.D

Acq: 06 Feb 2025 20:57

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

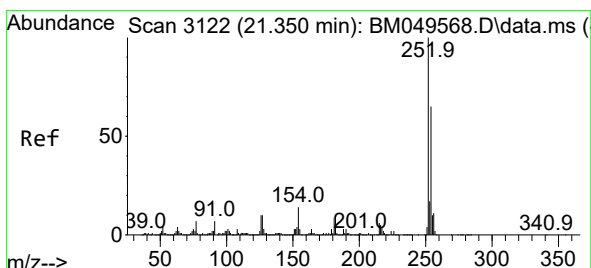
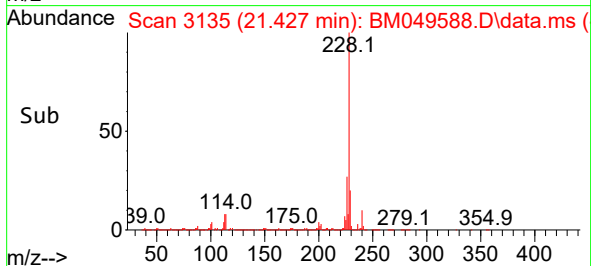
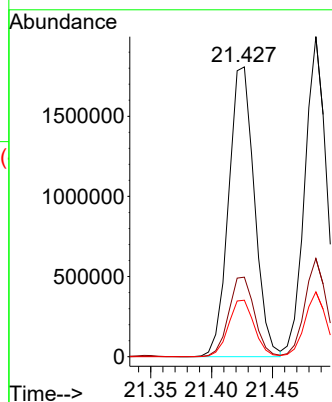
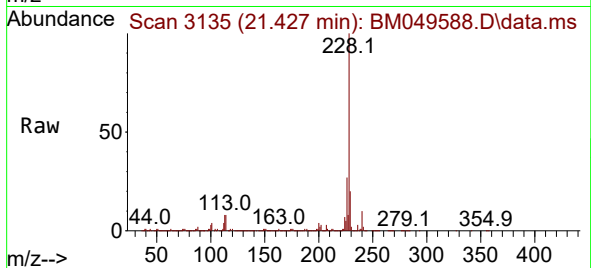
Tgt Ion:228 Resp: 2661717

Ion Ratio Lower Upper

228 100

226 27.5 22.0 33.0

229 19.5 15.7 23.5



#82

3,3'-Dichlorobenzidine

Concen: 37.540 ng

RT: 21.345 min Scan# 3121

Delta R.T. -0.006 min

Lab File: BM049588.D

Acq: 06 Feb 2025 20:57

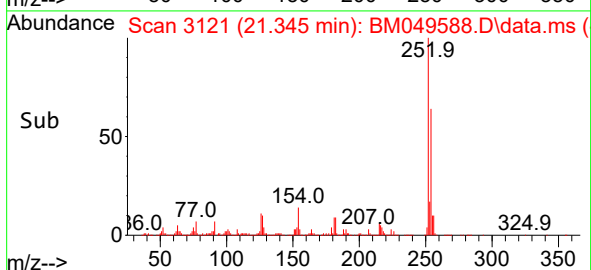
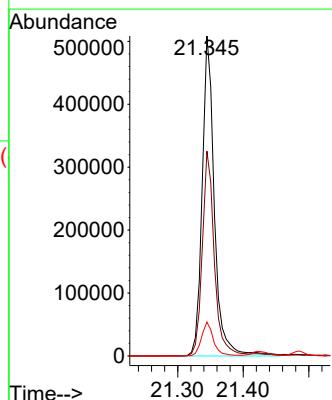
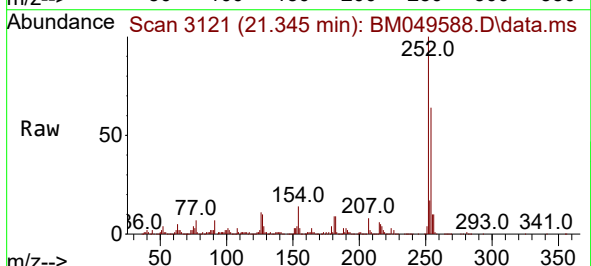
Tgt Ion:252 Resp: 661905

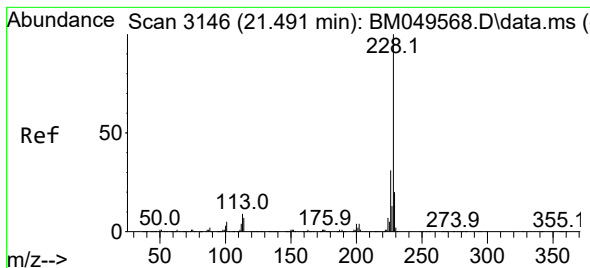
Ion Ratio Lower Upper

252 100

254 64.0 52.1 78.1

126 10.6 7.8 11.6





#83

Chrysene

Concen: 41.636 ng

RT: 21.486 min Scan# 3145

Delta R.T. -0.006 min

Lab File: BM049588.D

Acq: 06 Feb 2025 20:57

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

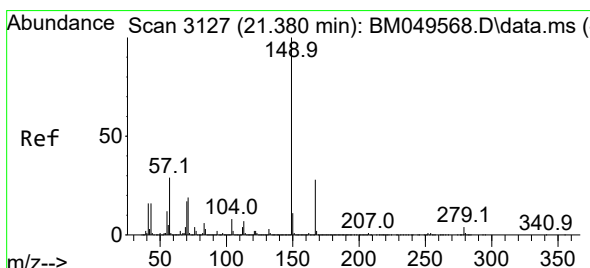
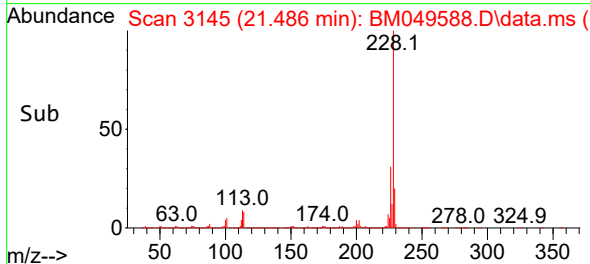
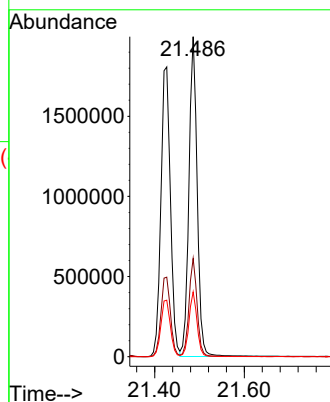
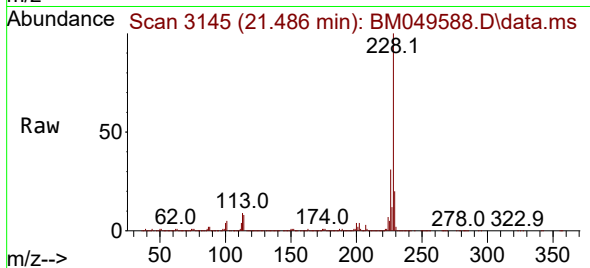
Tgt Ion:228 Resp: 2555979

Ion Ratio Lower Upper

228 100

226 30.7 24.5 36.7

229 20.3 15.7 23.5



#84

Bis(2-ethylhexyl)phthalate

Concen: 36.774 ng

RT: 21.374 min Scan# 3126

Delta R.T. -0.006 min

Lab File: BM049588.D

Acq: 06 Feb 2025 20:57

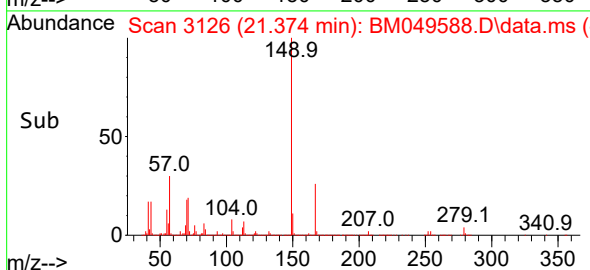
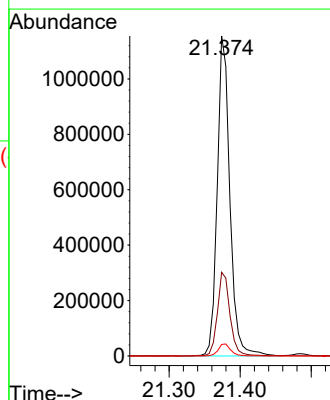
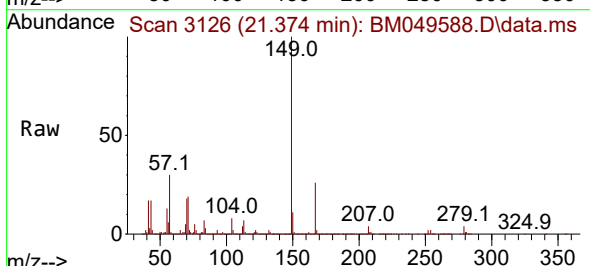
Tgt Ion:149 Resp: 1420098

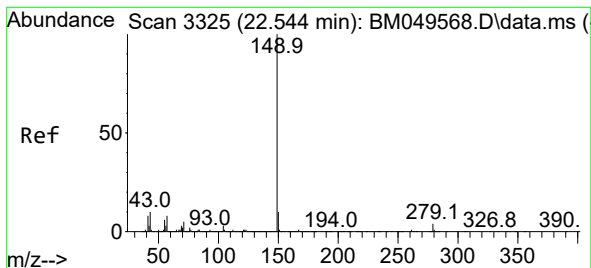
Ion Ratio Lower Upper

149 100

167 26.1 22.1 33.1

279 3.6 3.0 4.4





#85

Di-n-octyl phthalate

Concen: 32.583 ng

RT: 22.533 min Scan# 31

Delta R.T. -0.012 min

Lab File: BM049588.D

Acq: 06 Feb 2025 20:57

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

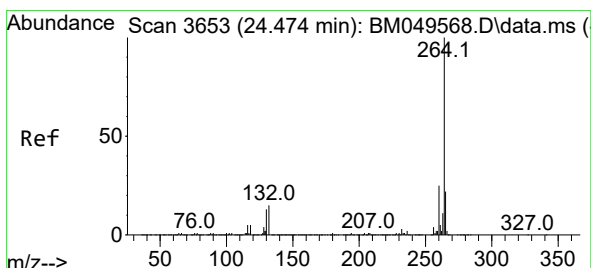
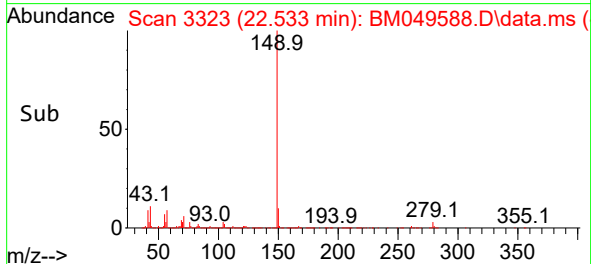
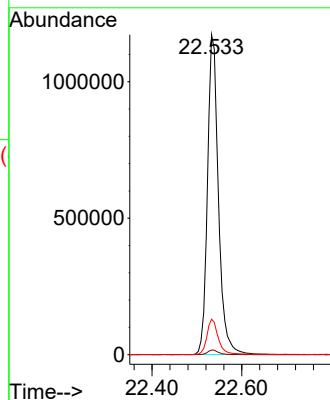
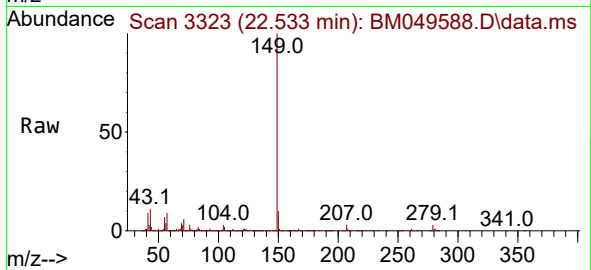
Tgt Ion:149 Resp: 1985074

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

43 11.6 8.5 12.7



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.468 min Scan# 3652

Delta R.T. -0.006 min

Lab File: BM049588.D

Acq: 06 Feb 2025 20:57

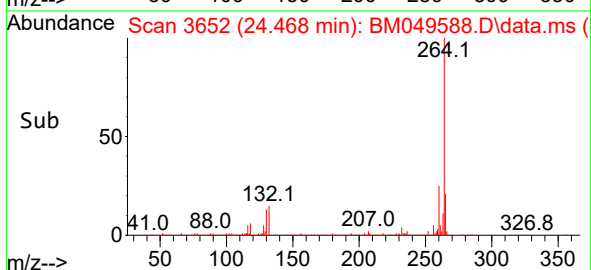
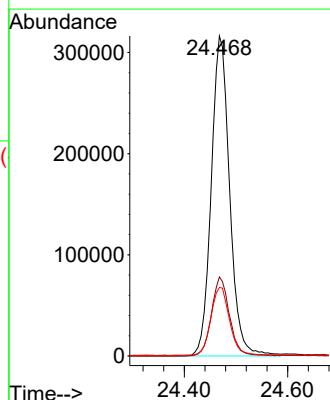
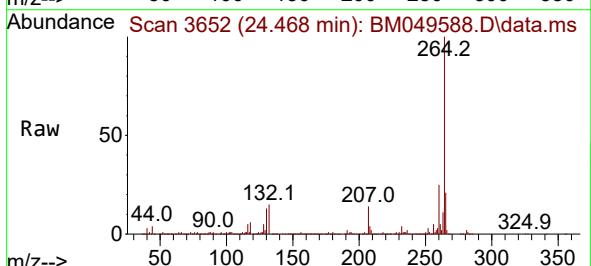
Tgt Ion:264 Resp: 781266

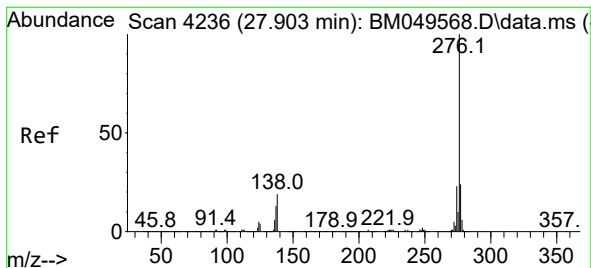
Ion Ratio Lower Upper

264 100

260 24.7 19.8 29.6

265 21.4 17.5 26.3





#87

Indeno(1,2,3-cd)pyrene

Concen: 42.117 ng

RT: 27.891 min Scan# 41

Delta R.T. -0.012 min

Lab File: BM049588.D

Acq: 06 Feb 2025 20:57

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

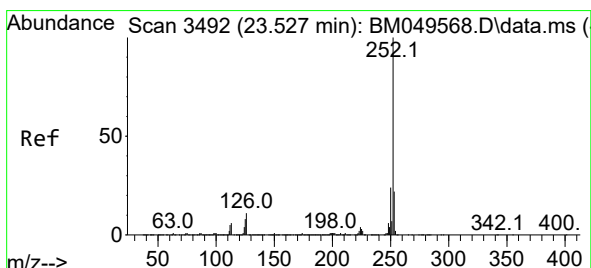
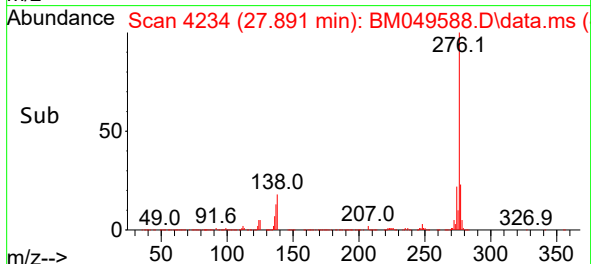
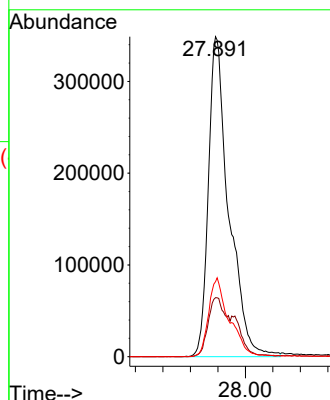
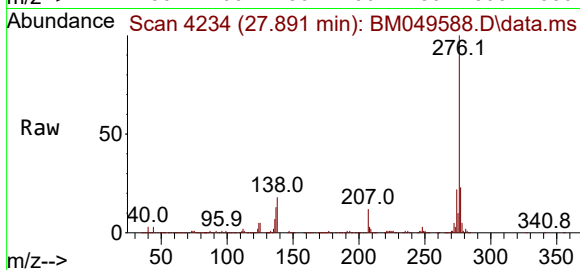
Tgt Ion:276 Resp: 1796991

Ion Ratio Lower Upper

276 100

138 16.3 13.1 19.7

277 24.9 19.9 29.9



#88

Benzo(b)fluoranthene

Concen: 41.568 ng

RT: 23.515 min Scan# 3490

Delta R.T. -0.012 min

Lab File: BM049588.D

Acq: 06 Feb 2025 20:57

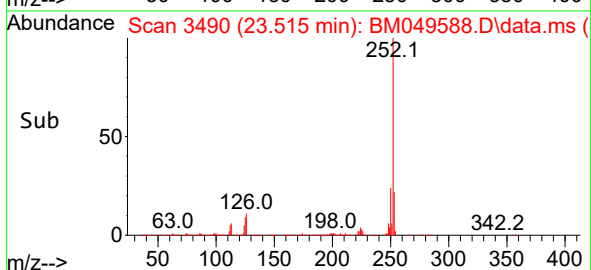
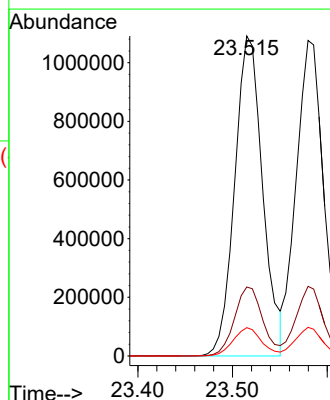
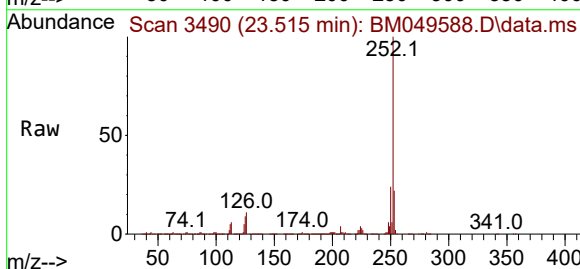
Tgt Ion:252 Resp: 2234106

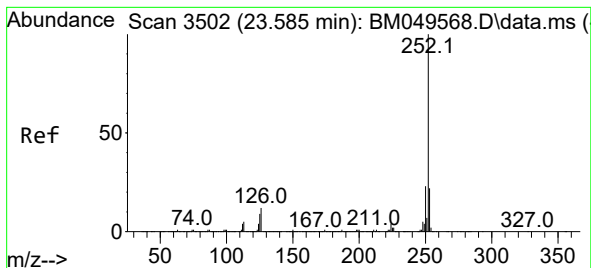
Ion Ratio Lower Upper

252 100

253 21.6 17.4 26.2

125 8.8 6.6 10.0





#89

Benzo(k)fluoranthene

Concen: 41.692 ng

RT: 23.580 min Scan# 3

Delta R.T. -0.006 min

Lab File: BM049588.D

Acq: 06 Feb 2025 20:57

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

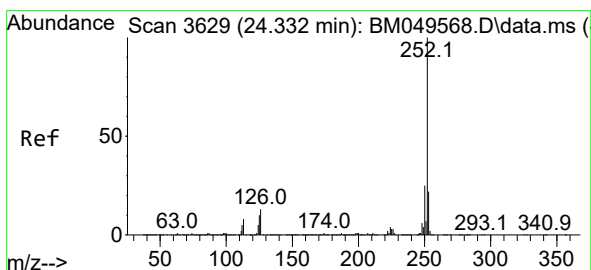
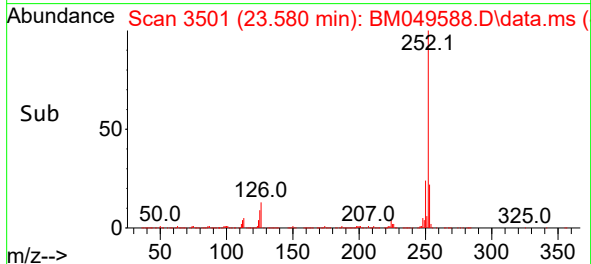
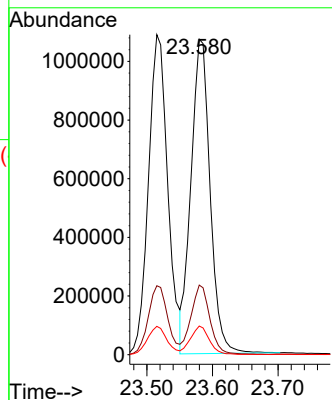
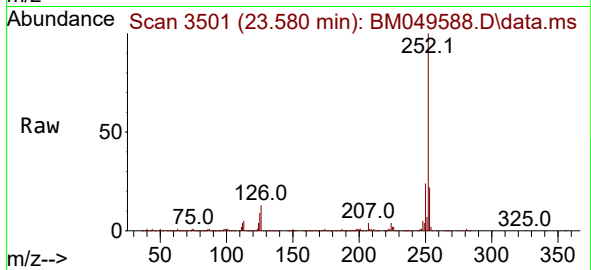
Tgt Ion:252 Resp: 2176416

Ion Ratio Lower Upper

252 100

253 22.1 17.5 26.3

125 9.1 7.0 10.6



#90

Benzo(a)pyrene

Concen: 41.403 ng

RT: 24.327 min Scan# 3628

Delta R.T. -0.006 min

Lab File: BM049588.D

Acq: 06 Feb 2025 20:57

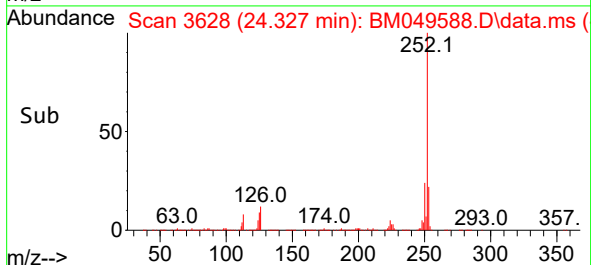
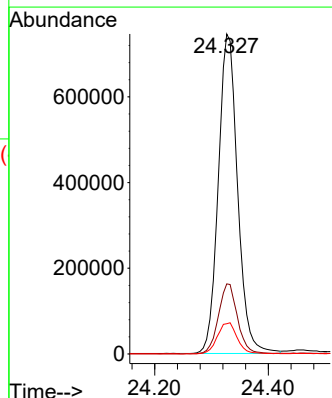
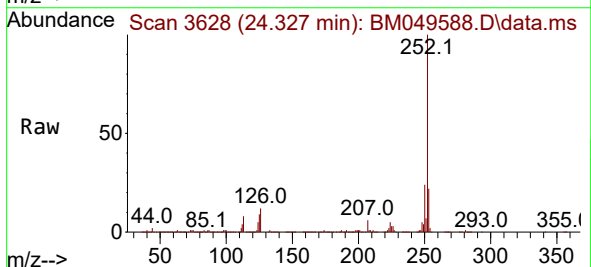
Tgt Ion:252 Resp: 1763474

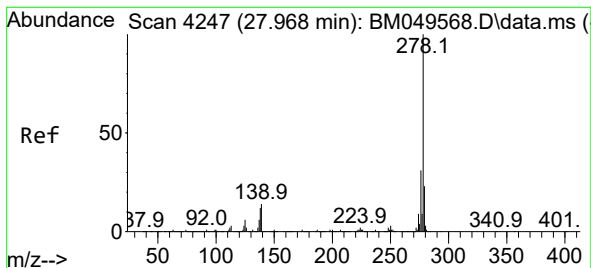
Ion Ratio Lower Upper

252 100

253 21.9 17.4 26.0

125 9.4 8.2 12.2





#91

Dibenzo(a,h)anthracene

Concen: 41.230 ng

RT: 27.962 min Scan# 41

Delta R.T. -0.006 min

Lab File: BM049588.D

Acq: 06 Feb 2025 20:57

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

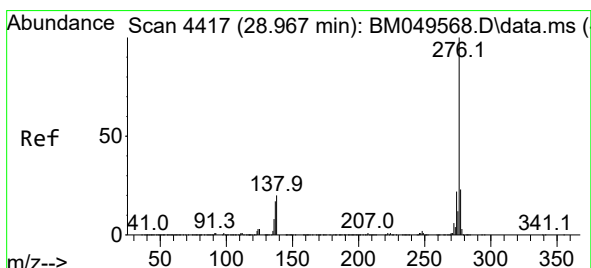
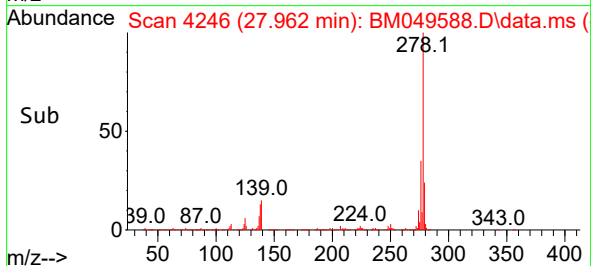
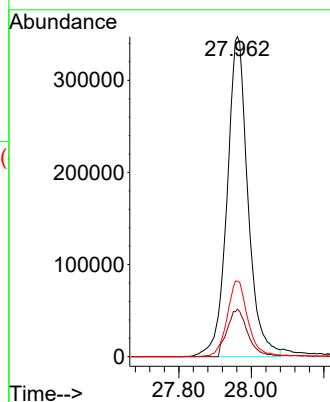
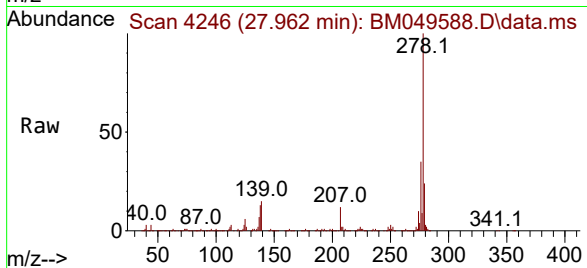
Tgt Ion:278 Resp: 1390337

Ion Ratio Lower Upper

278 100

139 14.8 11.5 17.3

279 23.6 18.2 27.2



#92

Benzo(g,h,i)perylene

Concen: 43.007 ng

RT: 28.956 min Scan# 4415

Delta R.T. -0.012 min

Lab File: BM049588.D

Acq: 06 Feb 2025 20:57

Tgt Ion:276 Resp: 1620039

Ion Ratio Lower Upper

276 100

277 23.6 18.7 28.1

138 19.6 16.0 24.0

