

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM040725\
 Data File : BM049833.D
 Acq On : 07 Apr 2025 10:43
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC040

Quant Time: Apr 07 11:55:37 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM031325.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 13 14:55:34 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.787	152	332328	20.000	ng	-0.02
21) Naphthalene-d8	10.581	136	1151322	20.000	ng	-0.02
39) Acenaphthene-d10	14.427	164	736916	20.000	ng	-0.02
64) Phenanthrene-d10	17.168	188	1449927	20.000	ng	-0.02
76) Chrysene-d12	21.409	240	1423468	20.000	ng	-0.02
86) Perylene-d12	24.415	264	1559768	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.369	112	1399472	71.055	ng	-0.02
7) Phenol-d6	6.957	99	1778597	71.959	ng	-0.02
23) Nitrobenzene-d5	8.940	82	1513111	67.475	ng	-0.02
42) 2,4,6-Tribromophenol	15.916	330	763739	88.756	ng	-0.02
45) 2-Fluorobiphenyl	13.051	172	3982946	67.690	ng	-0.02
79) Terphenyl-d14	19.798	244	6094220	72.144	ng	-0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.263	88	283053	33.198	ng	96
3) Pyridine	3.669	79	756514	34.743	ng	98
4) n-Nitrosodimethylamine	3.575	42	290098	30.110	ng	# 86
6) Aniline	7.110	93	754406	36.432	ng	98
8) 2-Chlorophenol	7.351	128	726903	37.269	ng	97
9) Benzaldehyde	6.922	77	457911	37.475	ng	96
10) Phenol	6.987	94	860185	35.891	ng	93
11) bis(2-Chloroethyl)ether	7.204	93	686323	35.363	ng	96
12) 1,3-Dichlorobenzene	7.675	146	859018	36.241	ng	97
13) 1,4-Dichlorobenzene	7.822	146	866084	36.219	ng	97
14) 1,2-Dichlorobenzene	8.140	146	817382	35.968	ng	99
15) Benzyl Alcohol	8.022	79	575405	37.097	ng	95
16) 2,2'-oxybis(1-Chloropr...	8.322	45	768735	33.701	ng	99
17) 2-Methylphenol	8.234	107	541707	38.071	ng	97
18) Hexachloroethane	8.863	117	301517	35.706	ng	94
19) n-Nitroso-di-n-propyla...	8.592	70	509403	35.542	ng	98
20) 3+4-Methylphenols	8.557	107	732719	38.426	ng	97
22) Acetophenone	8.604	105	1023463	34.476	ng	97
24) Nitrobenzene	8.981	77	732583	34.646	ng	97
25) Isophorone	9.510	82	1288869	37.434	ng	99
26) 2-Nitrophenol	9.692	139	385614	42.847	ng	97
27) 2,4-Dimethylphenol	9.757	122	447179	39.036	ng	97
28) bis(2-Chloroethoxy)met...	9.992	93	859269	35.434	ng	99
29) 2,4-Dichlorophenol	10.234	162	721646	38.660	ng	98
30) 1,2,4-Trichlorobenzene	10.445	180	827025	35.412	ng	98
31) Naphthalene	10.634	128	2143371	36.205	ng	99
32) Benzoic acid	9.892	122	498567	51.174	ng	93
33) 4-Chloroaniline	10.739	127	776169	38.416	ng	97
34) Hexachlorobutadiene	10.922	225	508216	35.250	ng	99
35) Caprolactam	11.516	113	201123	46.408	ng	93
36) 4-Chloro-3-methylphenol	11.869	107	641998	40.077	ng	97
37) 2-Methylnaphthalene	12.245	142	1533920	37.054	ng	98
38) 1-Methylnaphthalene	12.463	142	1483399	37.141	ng	99
40) 1,2,4,5-Tetrachloroben...	12.616	216	924658	34.160	ng	99
41) Hexachlorocyclopentadiene	12.598	237	338133	33.719	ng	96
43) 2,4,6-Trichlorophenol	12.857	196	598996	39.511	ng	99

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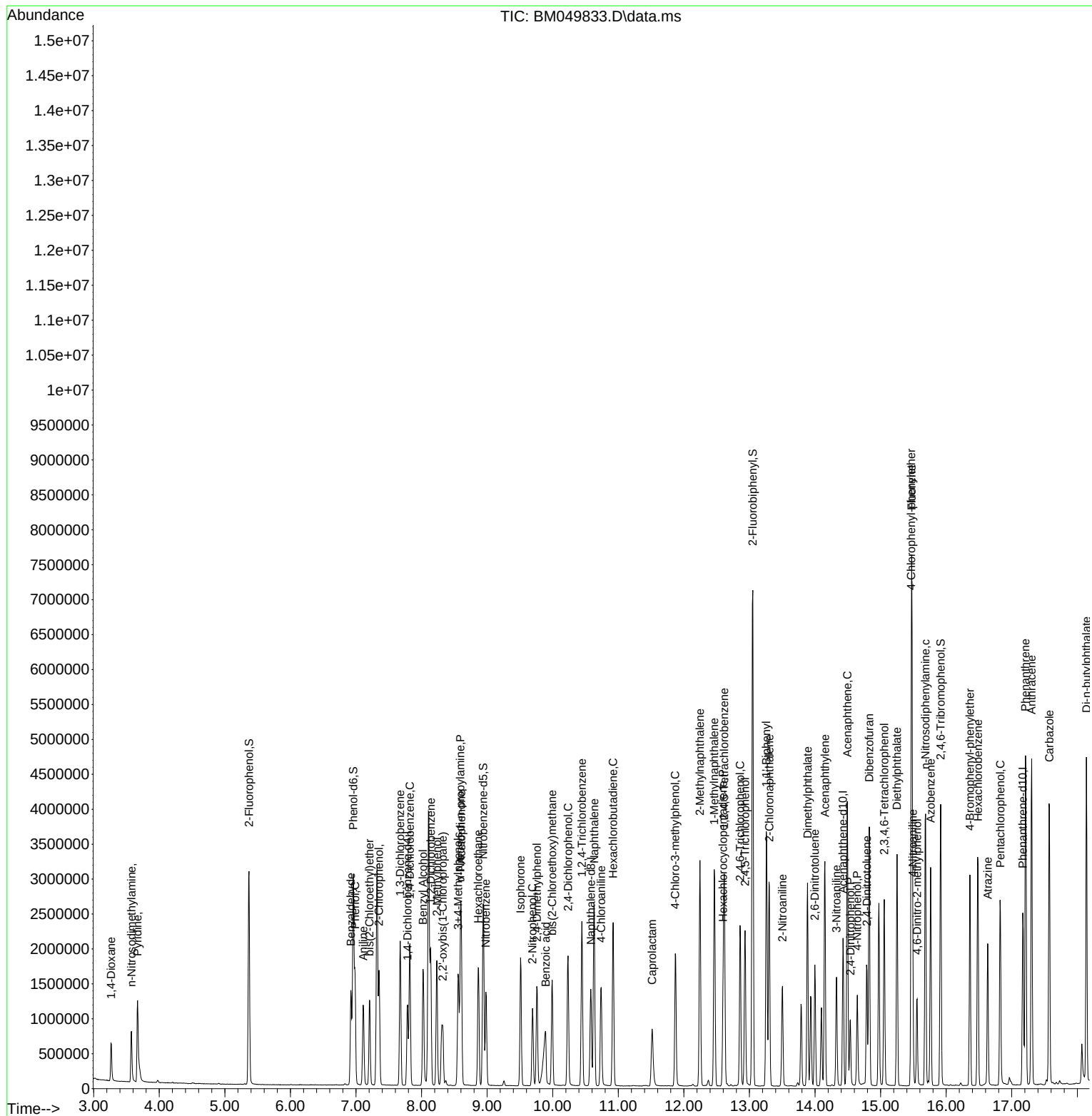
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.933	196	642703	38.849	ng	99
46) 1,1'-Biphenyl	13.257	154	2007470	35.346	ng	99
47) 2-Chloronaphthalene	13.304	162	1562072	35.335	ng	100
48) 2-Nitroaniline	13.504	65	371718	37.457	ng	88
49) Acenaphthylene	14.151	152	2286956	37.011	ng	99
50) Dimethylphthalate	13.886	163	1920484	37.852	ng	100
51) 2,6-Dinitrotoluene	13.998	165	404137	39.754	ng	91
52) Acenaphthene	14.492	154	1449895	35.772	ng	99
53) 3-Nitroaniline	14.327	138	398539	41.197	ng	97
54) 2,4-Dinitrophenol	14.539	184	228636	44.285	ng	90
55) Dibenzofuran	14.827	168	2431054	35.995	ng	99
56) 4-Nitrophenol	14.645	139	355037	42.162	ng	89
57) 2,4-Dinitrotoluene	14.792	165	551233	42.139	ng	90
58) Fluorene	15.474	166	1943112	35.337	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.057	232	550105	39.724	ng	98
60) Diethylphthalate	15.251	149	1866942	39.070	ng	98
61) 4-Chlorophenyl-phenyle...	15.468	204	1040083	34.638	ng	95
62) 4-Nitroaniline	15.492	138	408897	36.501	ng	94
63) Azobenzene	15.763	77	1597133	34.992	ng	96
65) 4,6-Dinitro-2-methylph...	15.557	198	317788	41.971	ng	96
66) n-Nitrosodiphenylamine	15.686	169	1590376	36.203	ng	98
67) 4-Bromophenyl-phenylether	16.363	248	612448	36.585	ng	99
68) Hexachlorobenzene	16.486	284	694307	36.882	ng	94
69) Atrazine	16.633	200	387522	40.027	ng	100
70) Pentachlorophenol	16.827	266	486208	41.099	ng	98
71) Phenanthrene	17.210	178	2896338	35.974	ng	100
72) Anthracene	17.304	178	2881649	36.958	ng	100
73) Carbazole	17.574	167	2699142	38.224	ng	99
74) Di-n-butylphthalate	18.139	149	3246507	41.947	ng	98
75) Fluoranthene	19.227	202	3551985	38.320	ng	100
77) Benzidine	19.409	184	959740	56.120	ng	99
78) Pyrene	19.592	202	3668315	36.885	ng	99
80) Butylbenzylphthalate	20.492	149	1409013	45.653	ng	97
81) Benzo(a)anthracene	21.392	228	3465927	36.453	ng	100
82) 3,3'-Dichlorobenzidine	21.315	252	1308203	42.261	ng	98
83) Chrysene	21.456	228	3259283	36.163	ng	100
84) Bis(2-ethylhexyl)phtha...	21.315	149	2078932	43.221	ng	98
85) Di-n-octyl phthalate	22.450	149	3652709	48.859	ng	97
87) Indeno(1,2,3-cd)pyrene	27.809	276	4138776	36.866	ng	99
88) Benzo(b)fluoranthene	23.468	252	3569472	33.977	ng	100
89) Benzo(k)fluoranthene	23.527	252	3455420	33.427	ng	99
90) Benzo(a)pyrene	24.274	252	3145352	35.644	ng	100
91) Dibenzo(a,h)anthracene	27.868	278	3425258	36.620	ng	99
92) Benzo(g,h,i)perylene	28.868	276	3477506	36.910	ng	99

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

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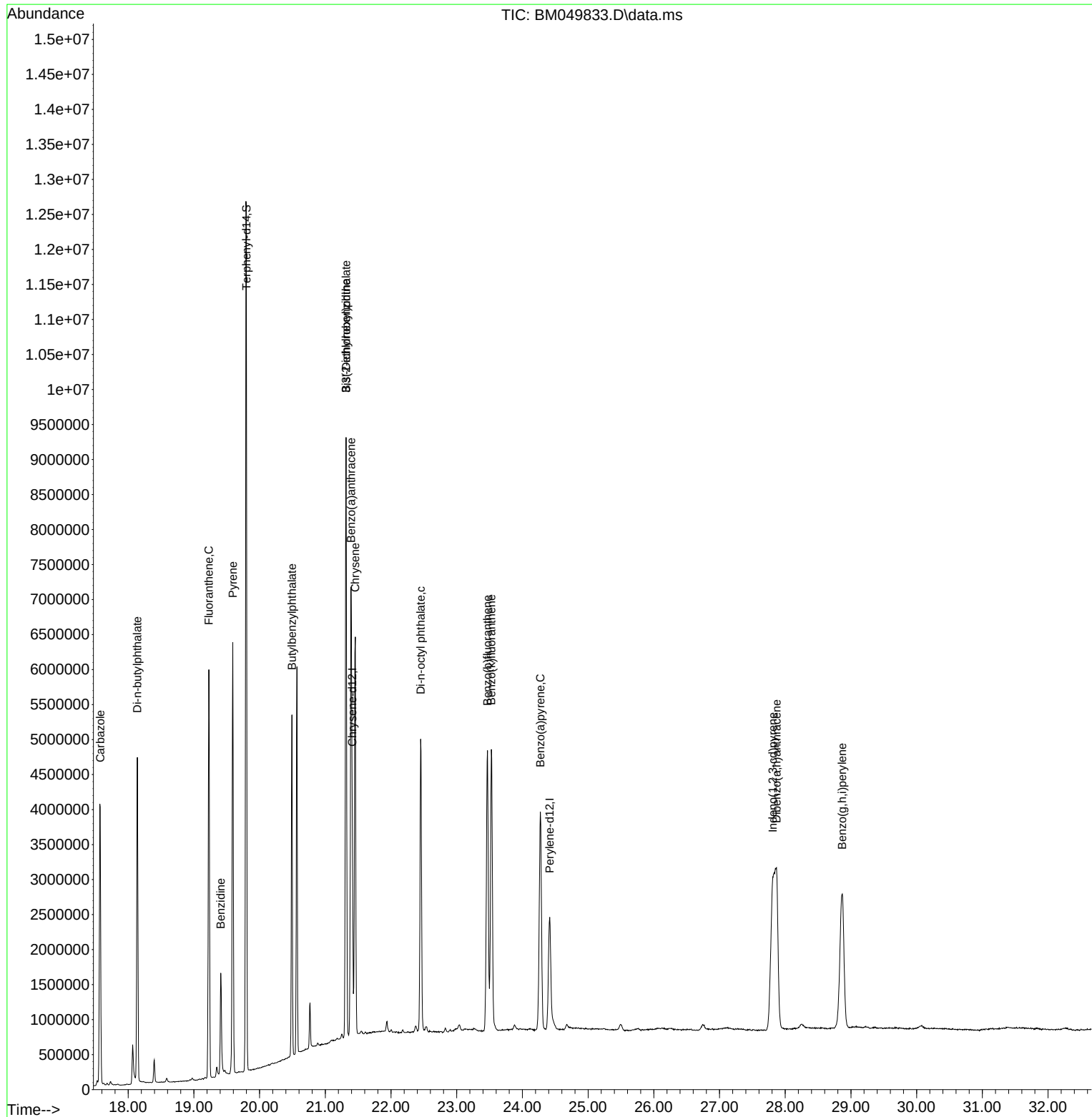
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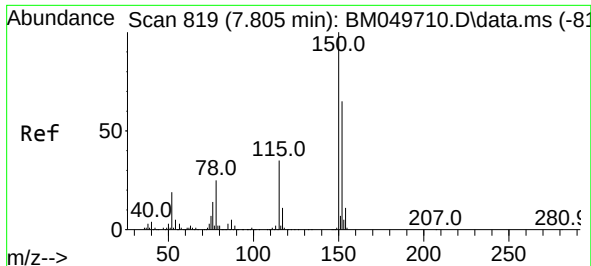


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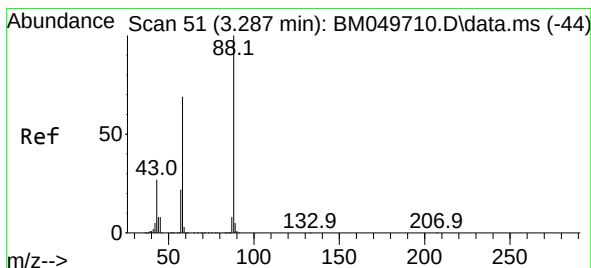
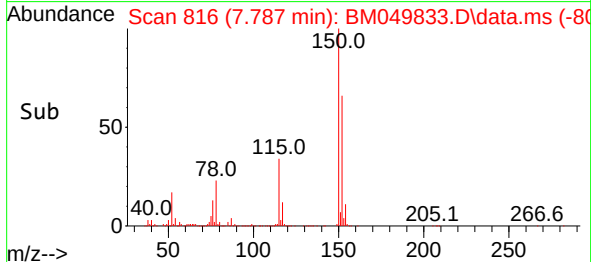
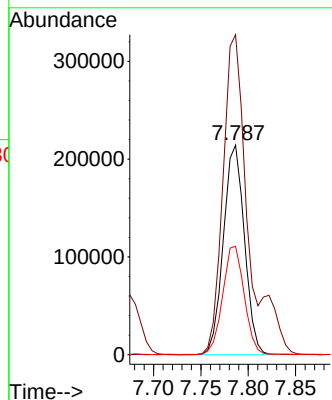
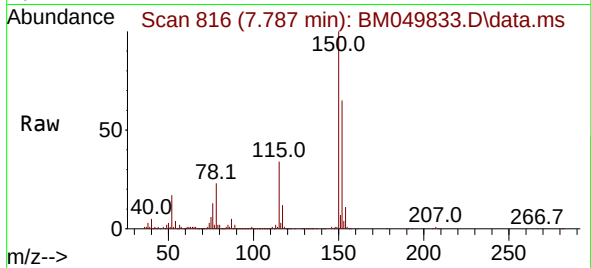




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.787 min Scan# 81
 Delta R.T. -0.018 min
 Lab File: BM049833.D
 Acq: 07 Apr 2025 10:43

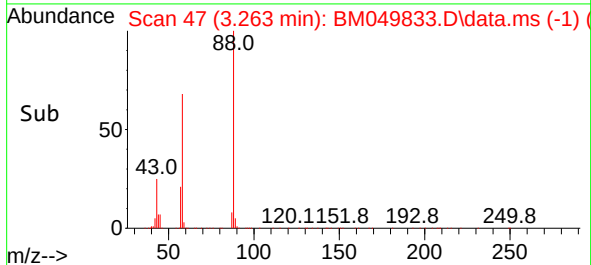
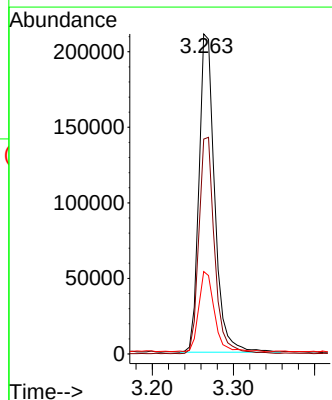
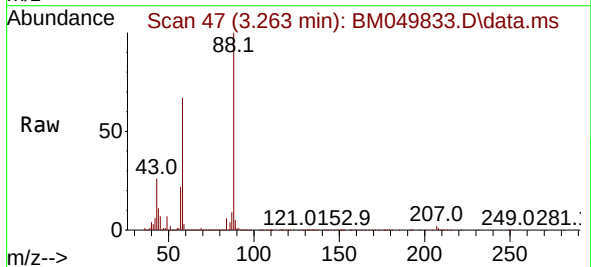
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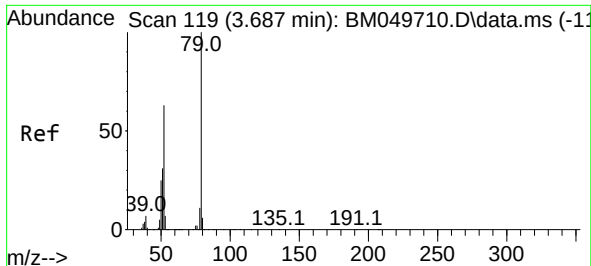
Tgt Ion:152 Resp: 332328
 Ion Ratio Lower Upper
 152 100
 150 152.7 123.8 185.8
 115 51.8 43.0 64.6



#2
 1,4-Dioxane
 Concen: 33.198 ng
 RT: 3.263 min Scan# 47
 Delta R.T. -0.024 min
 Lab File: BM049833.D
 Acq: 07 Apr 2025 10:43

Tgt Ion: 88 Resp: 283053
 Ion Ratio Lower Upper
 88 100
 58 68.2 56.7 85.1
 43 25.3 22.6 34.0

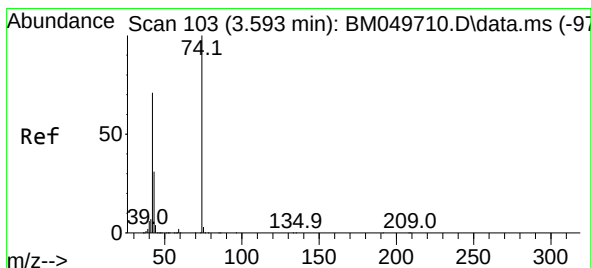
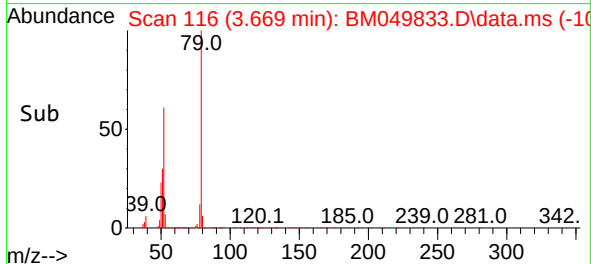
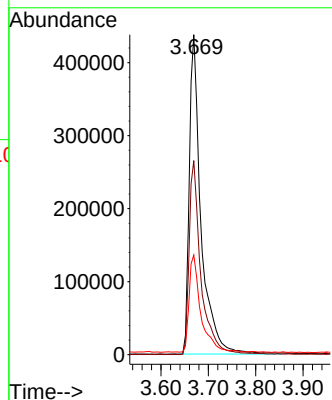
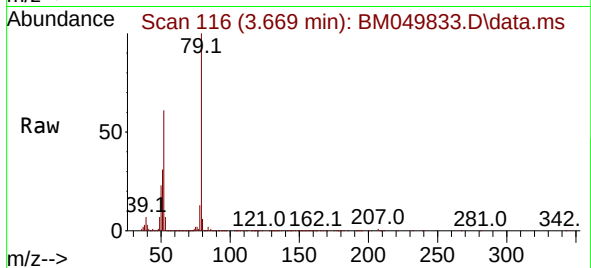




#3
Pyridine
Concen: 34.743 ng
RT: 3.669 min Scan# 119
Delta R.T. -0.018 min
Lab File: BM049833.D
Acq: 07 Apr 2025 10:43

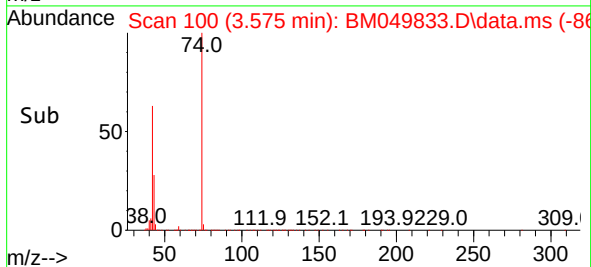
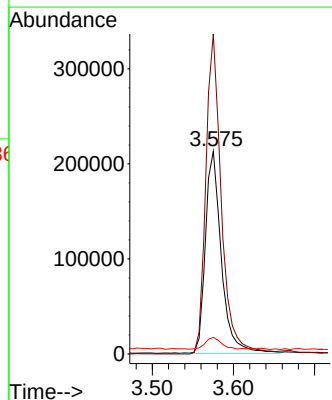
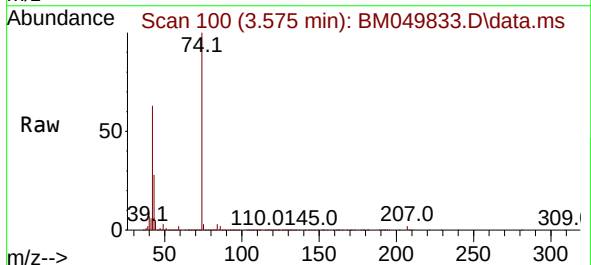
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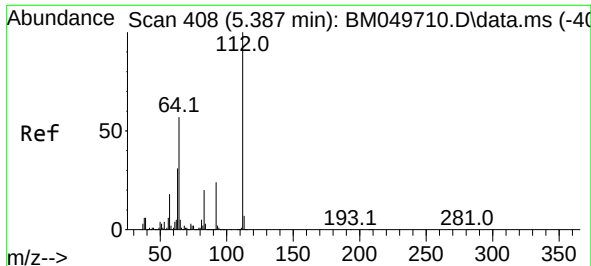
Tgt Ion: 79 Resp: 756514
Ion Ratio Lower Upper
79 100
52 60.7 50.1 75.1
51 31.1 25.2 37.8



#4
n-Nitrosodimethylamine
Concen: 30.110 ng
RT: 3.575 min Scan# 100
Delta R.T. -0.018 min
Lab File: BM049833.D
Acq: 07 Apr 2025 10:43

Tgt Ion: 42 Resp: 290098
Ion Ratio Lower Upper
42 100
74 157.9 112.6 168.8
44 8.2 5.0 7.6

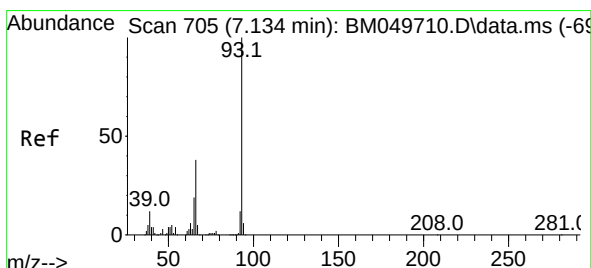
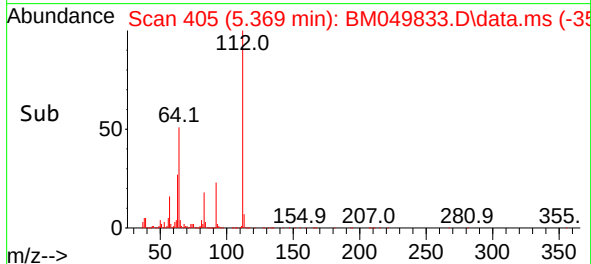
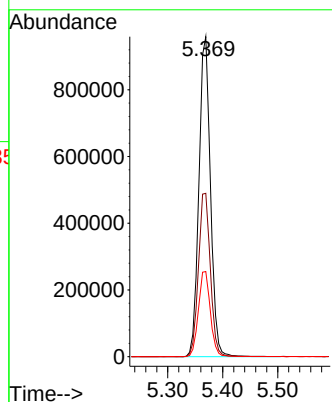
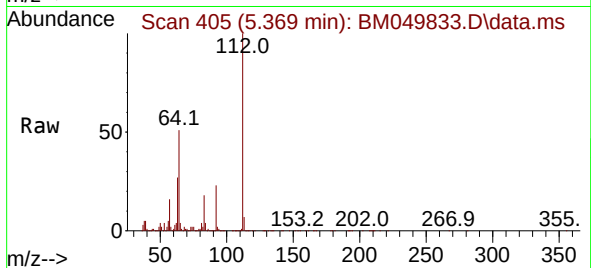




#5
2-Fluorophenol
Concen: 71.055 ng
RT: 5.369 min Scan# 408
Delta R.T. -0.018 min
Lab File: BM049833.D
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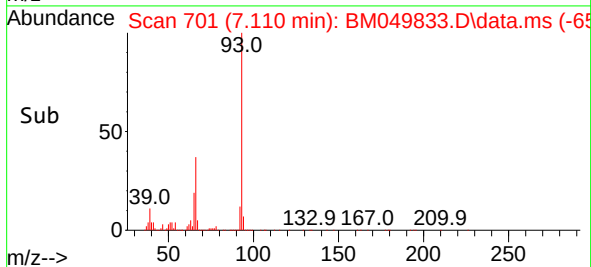
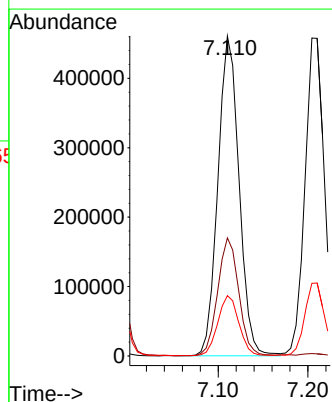
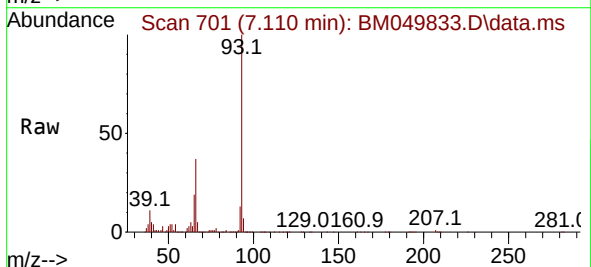
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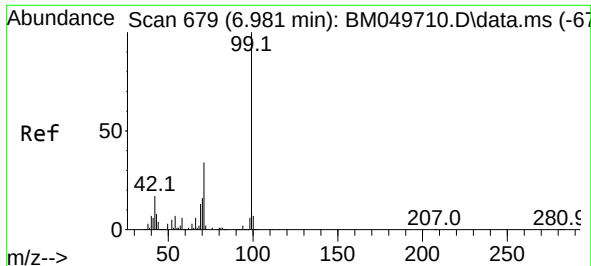
Tgt Ion:112 Resp: 1399472
Ion Ratio Lower Upper
112 100
64 51.0 45.3 67.9
63 26.6 24.4 36.6



#6
Aniline
Concen: 36.432 ng
RT: 7.110 min Scan# 701
Delta R.T. -0.024 min
Lab File: BM049833.D
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Tgt Ion: 93 Resp: 754406
Ion Ratio Lower Upper
93 100
66 36.9 30.6 46.0
65 18.9 15.4 23.2



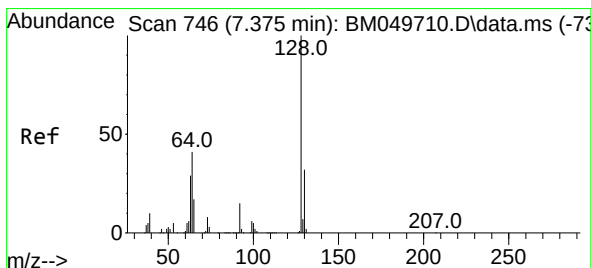
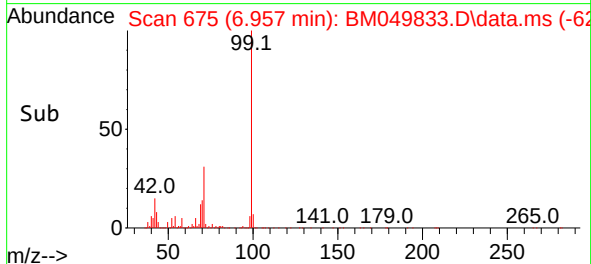
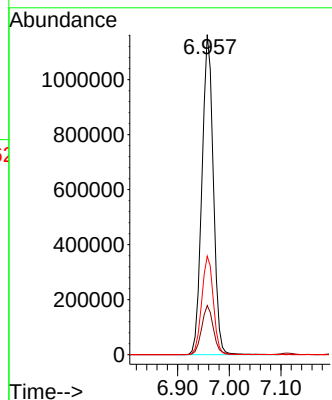
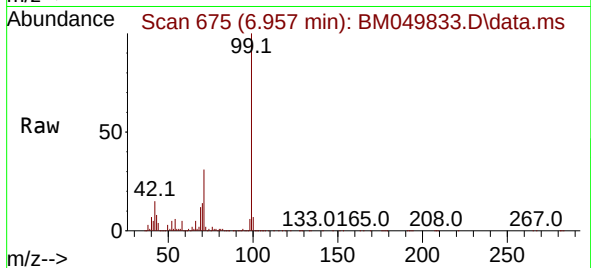


#7
Phenol-d6
Concen: 71.959 ng
RT: 6.957 min Scan# 61
Delta R.T. -0.024 min
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Instrument :
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ClientSampleId :
SSTDCCC040

Tgt Ion: 99 Resp: 1778597

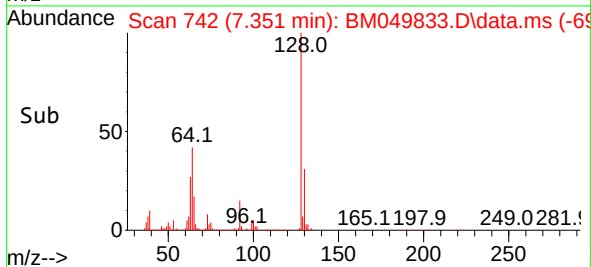
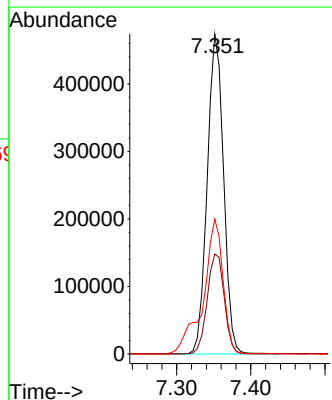
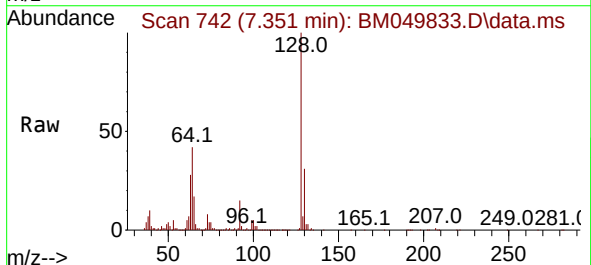
Ion	Ratio	Lower	Upper
99	100		
42	15.4	13.6	20.4
71	30.8	27.0	40.6

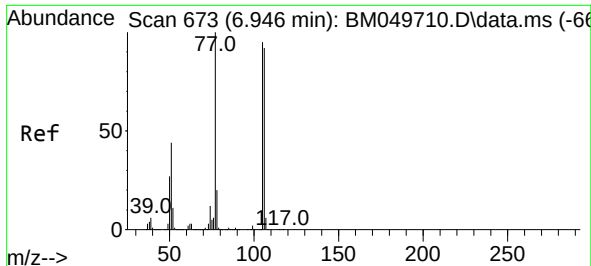


#8
2-Chlorophenol
Concen: 37.269 ng
RT: 7.351 min Scan# 742
Delta R.T. -0.024 min
Lab File: BM049833.D
Acq: 07 Apr 2025 10:43

Tgt Ion: 128 Resp: 726903

Ion	Ratio	Lower	Upper
128	100		
130	31.2	12.5	52.5
64	42.1	24.9	64.9

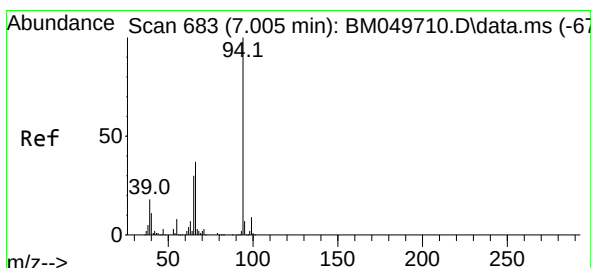
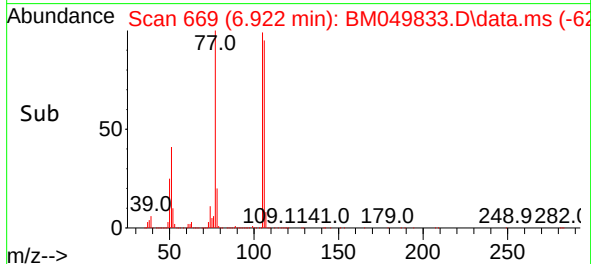
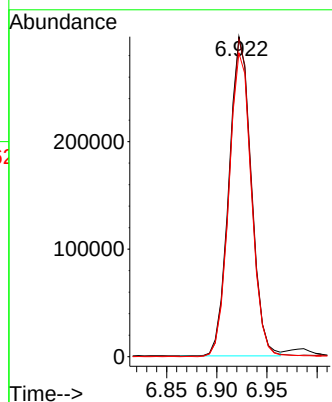
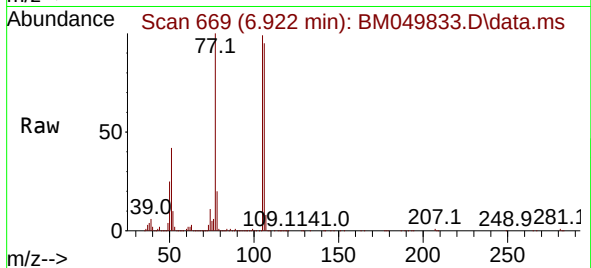




#9
Benzaldehyde
Concen: 37.475 ng
RT: 6.922 min Scan# 60
Delta R.T. -0.024 min
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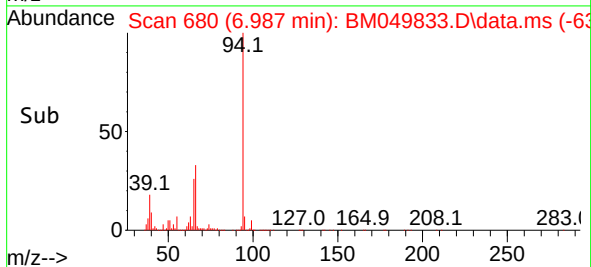
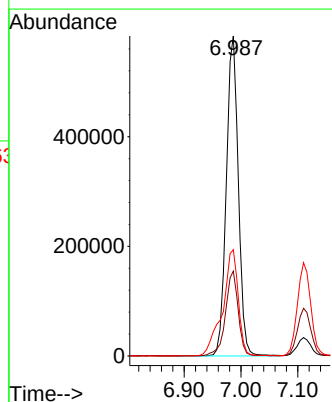
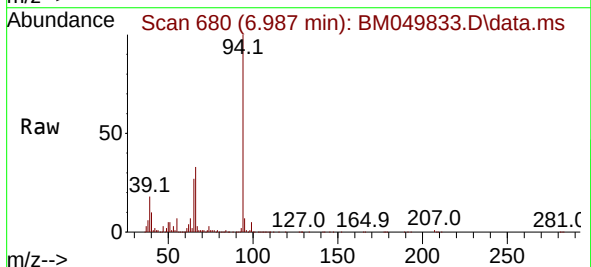
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

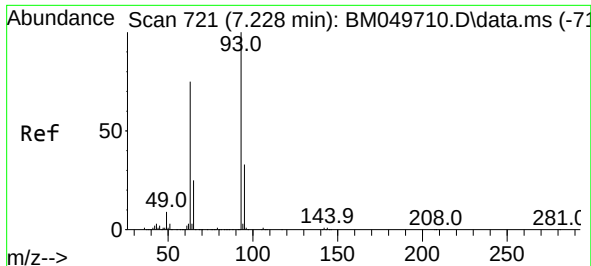
Tgt Ion: 77 Resp: 457911
Ion Ratio Lower Upper
77 100
105 99.2 75.0 115.0
106 94.9 72.3 112.3



#10
Phenol
Concen: 35.891 ng
RT: 6.987 min Scan# 680
Delta R.T. -0.018 min
Lab File: BM049833.D
Acq: 07 Apr 2025 10:43

Tgt Ion: 94 Resp: 860185
Ion Ratio Lower Upper
94 100
65 26.5 10.4 50.4
66 33.2 17.1 57.1

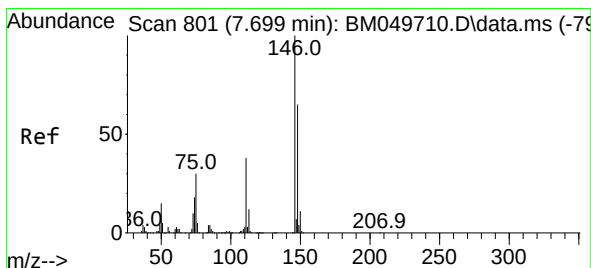
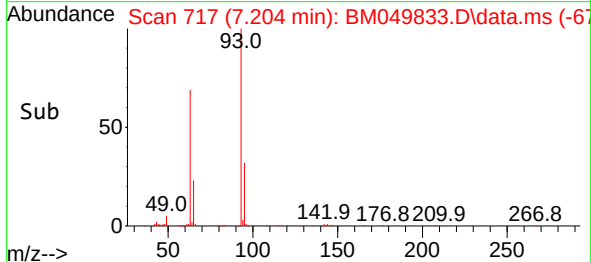
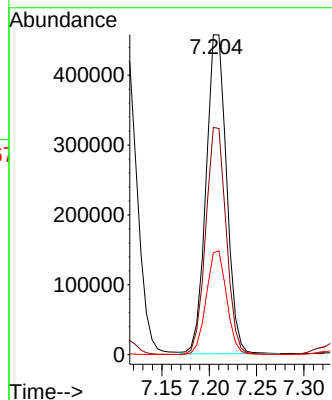
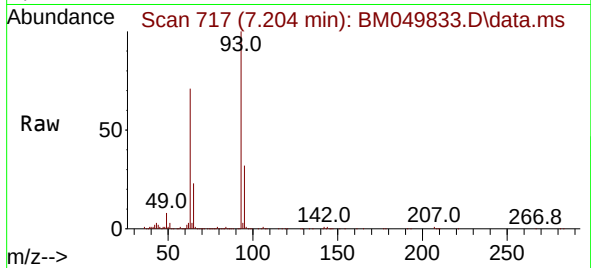




#11
bis(2-Chloroethyl)ether
Concen: 35.363 ng
RT: 7.204 min Scan# 717
Delta R.T. -0.024 min
Lab File: BM049833.D
Acq: 07 Apr 2025 10:43

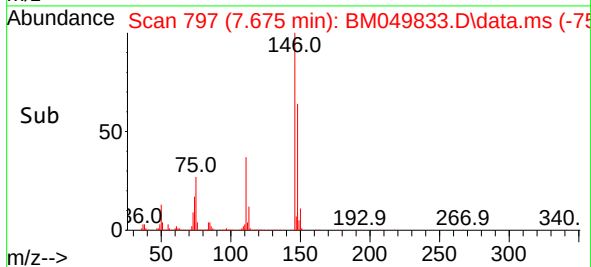
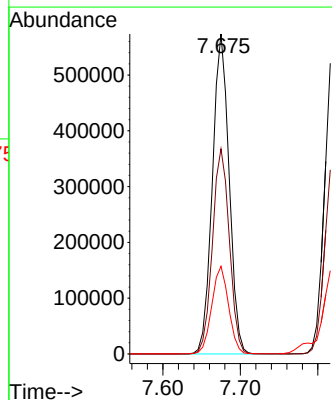
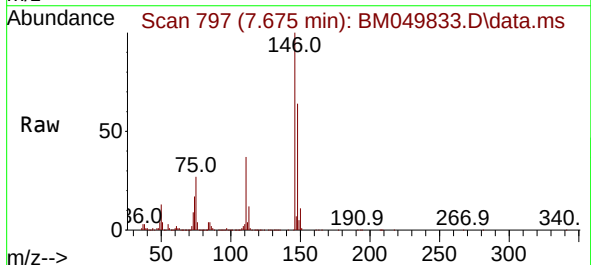
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

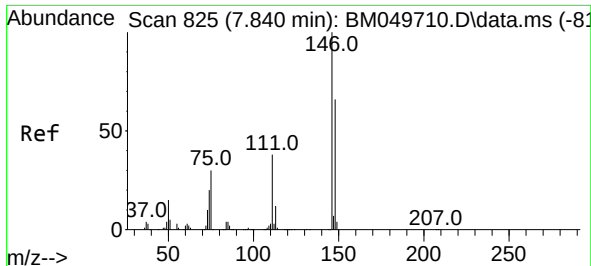
Tgt Ion: 93 Resp: 686323
Ion Ratio Lower Upper
93 100
63 71.0 54.8 94.8
95 31.8 12.8 52.8



#12
1,3-Dichlorobenzene
Concen: 36.241 ng
RT: 7.675 min Scan# 797
Delta R.T. -0.024 min
Lab File: BM049833.D
Acq: 07 Apr 2025 10:43

Tgt Ion:146 Resp: 859018
Ion Ratio Lower Upper
146 100
148 64.1 52.3 78.5
75 27.4 24.2 36.2

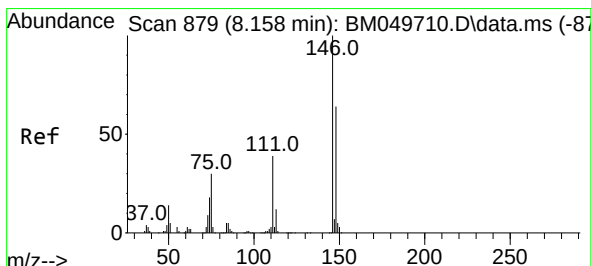
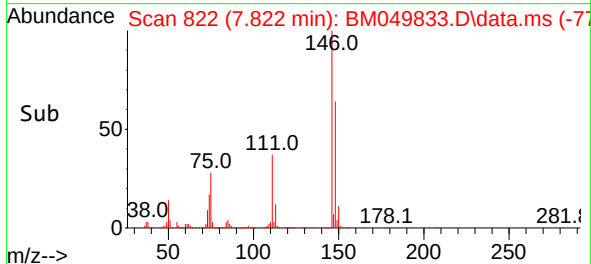
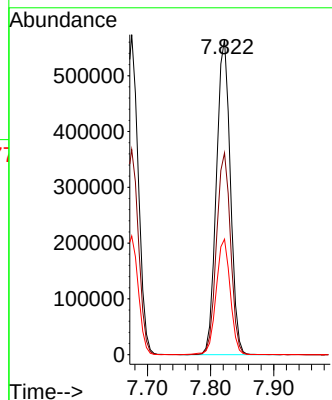
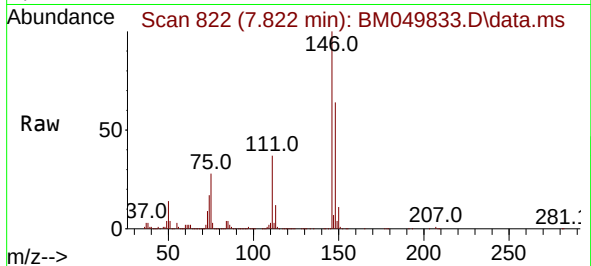




#13
1,4-Dichlorobenzene
Concen: 36.219 ng
RT: 7.822 min Scan# 81
Delta R.T. -0.018 min
Lab File: BM049833.D
Acq: 07 Apr 2025 10:43

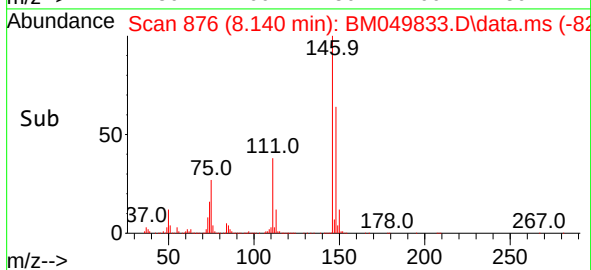
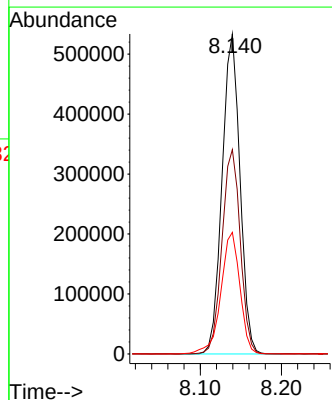
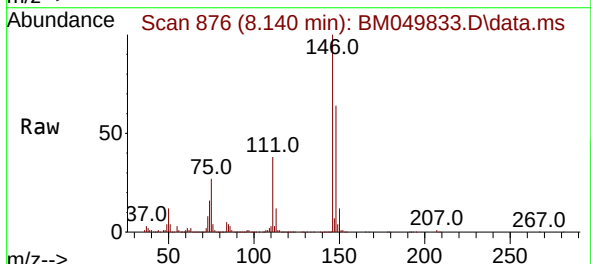
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

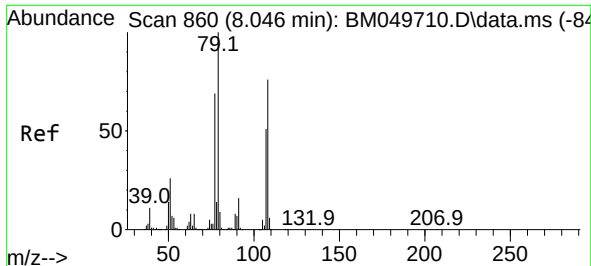
Tgt Ion:146 Resp: 866084
Ion Ratio Lower Upper
146 100
148 64.0 52.6 79.0
111 36.6 30.8 46.2



#14
1,2-Dichlorobenzene
Concen: 35.968 ng
RT: 8.140 min Scan# 876
Delta R.T. -0.018 min
Lab File: BM049833.D
Acq: 07 Apr 2025 10:43

Tgt Ion:146 Resp: 817382
Ion Ratio Lower Upper
146 100
148 63.8 50.9 76.3
111 38.0 31.0 46.6

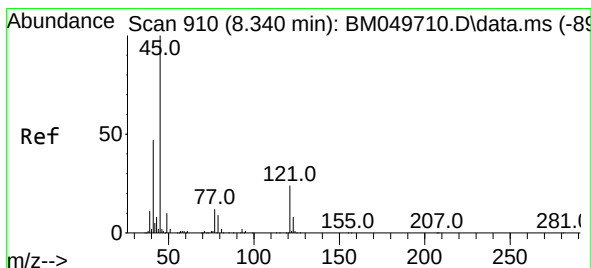
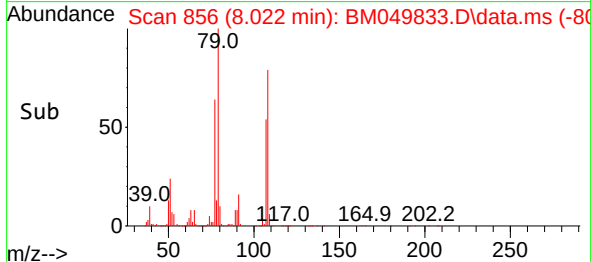
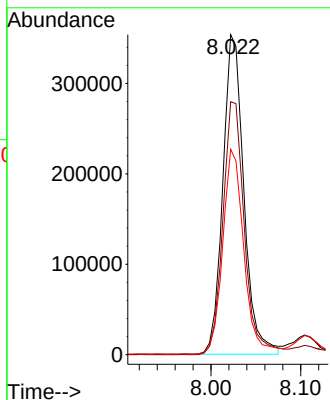
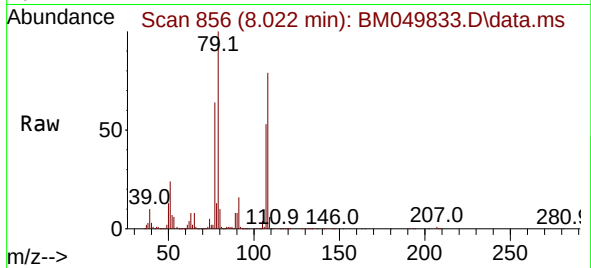




#15
Benzyl Alcohol
Concen: 37.097 ng
RT: 8.022 min Scan# 81
Delta R.T. -0.024 min
Lab File: BM049833.D
Acq: 07 Apr 2025 10:43

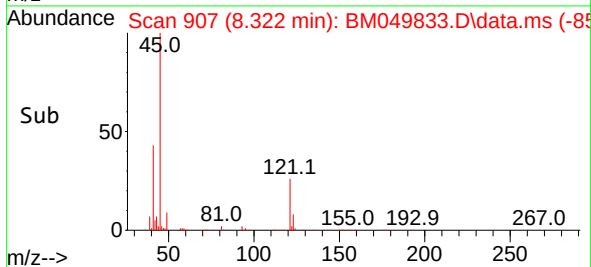
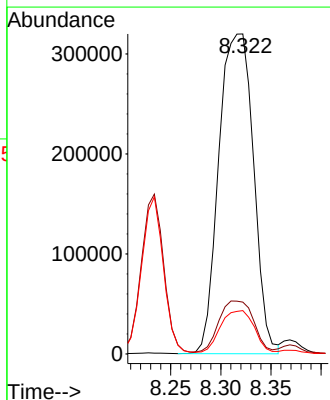
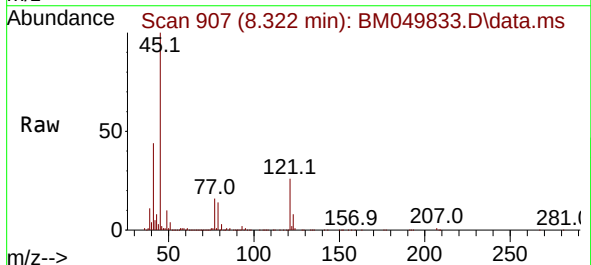
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

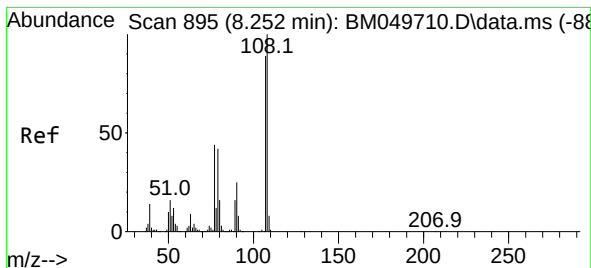
Tgt Ion: 79 Resp: 575405
Ion Ratio Lower Upper
79 100
108 79.1 60.7 91.1
77 64.2 55.4 83.2



#16
2,2'-oxybis(1-Chloropropane)
Concen: 33.701 ng
RT: 8.322 min Scan# 907
Delta R.T. -0.018 min
Lab File: BM049833.D
Acq: 07 Apr 2025 10:43

Tgt Ion: 45 Resp: 768735
Ion Ratio Lower Upper
45 100
77 16.2 0.0 36.1
79 13.5 0.0 32.8



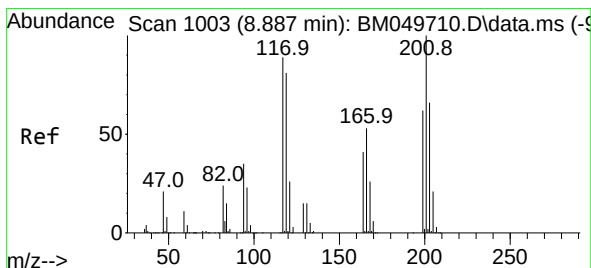
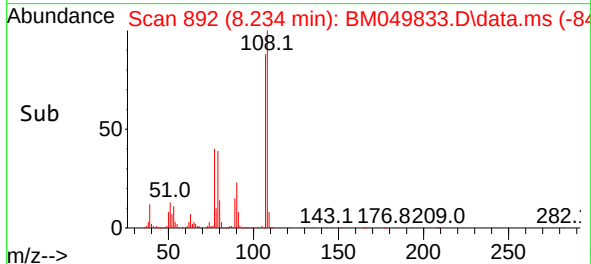
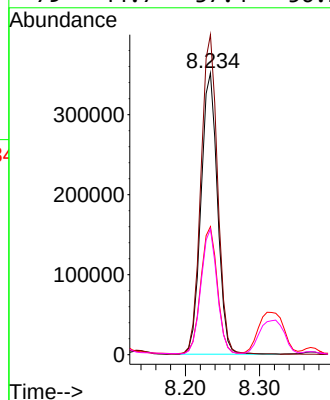
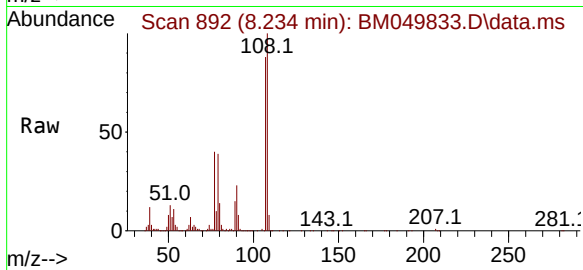


#17
2-Methylphenol
Concen: 38.071 ng
RT: 8.234 min Scan# 895
Delta R.T. -0.018 min
Lab File: BM049833.D
Acq: 07 Apr 2025 10:43

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion:107 Resp: 541707

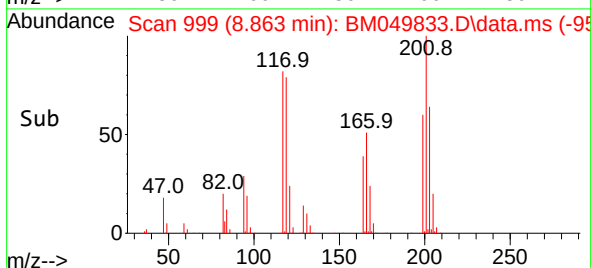
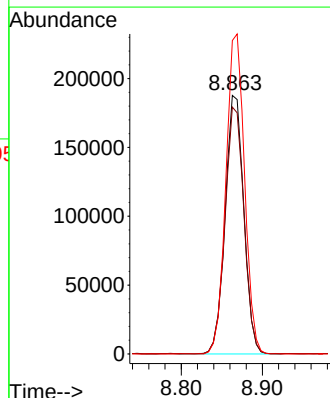
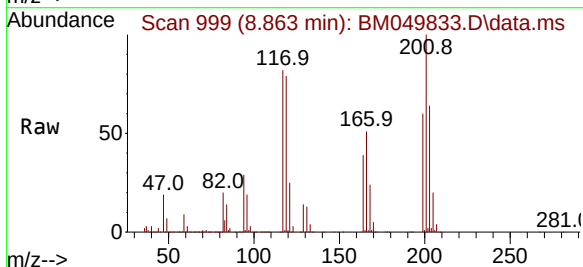
Ion	Ratio	Lower	Upper
107	100		
108	113.7	89.6	134.4
77	45.4	39.8	59.6
79	44.7	37.4	56.2

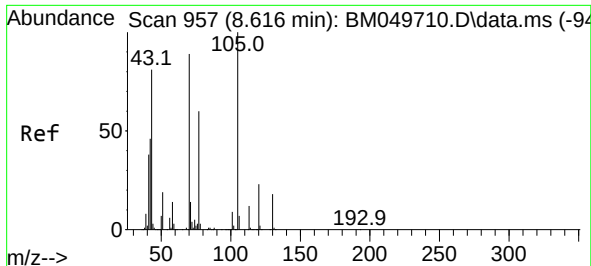


#18
Hexachloroethane
Concen: 35.706 ng
RT: 8.863 min Scan# 999
Delta R.T. -0.024 min
Lab File: BM049833.D
Acq: 07 Apr 2025 10:43

Tgt Ion:117 Resp: 301517

Ion	Ratio	Lower	Upper
117	100		
119	95.5	73.1	109.7
201	121.2	90.0	135.0

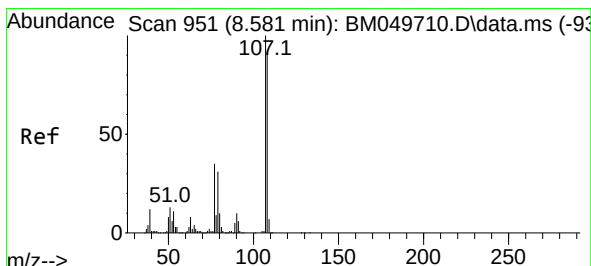
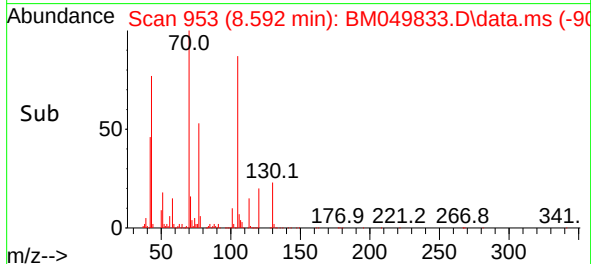
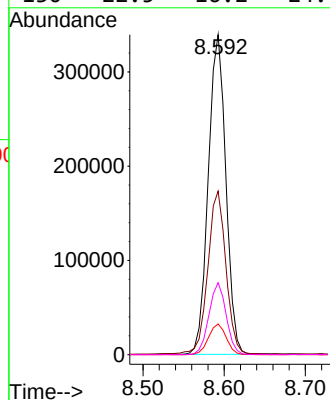
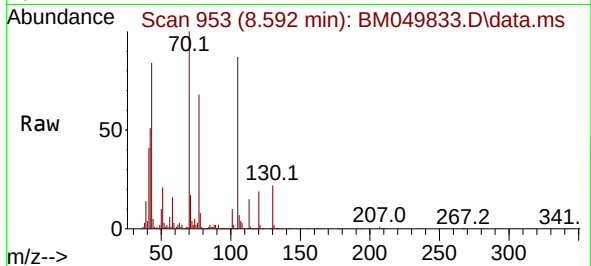




#19
n-Nitroso-di-n-propylamine
Concen: 35.542 ng
RT: 8.592 min Scan# 91
Delta R.T. -0.024 min
Lab File: BM049833.D
Acq: 07 Apr 2025 10:43

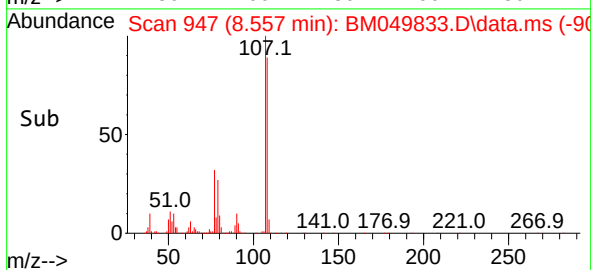
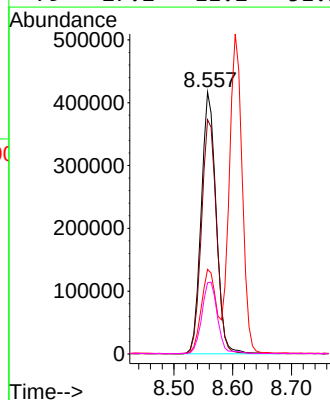
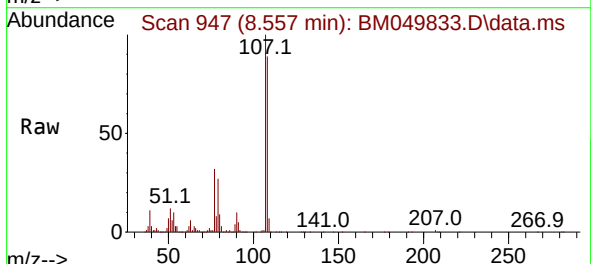
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

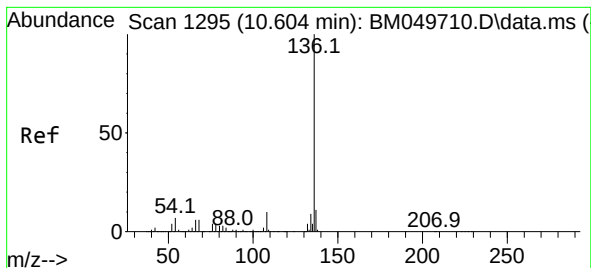
Tgt Ion: 70 Resp: 509403
Ion Ratio Lower Upper
70 100
42 51.1 41.8 62.6
101 9.6 7.7 11.5
130 22.5 16.2 24.4



#20
3+4-Methylphenols
Concen: 38.426 ng
RT: 8.557 min Scan# 947
Delta R.T. -0.024 min
Lab File: BM049833.D
Acq: 07 Apr 2025 10:43

Tgt Ion: 107 Resp: 732719
Ion Ratio Lower Upper
107 100
108 89.4 71.0 111.0
77 32.3 15.1 55.1
79 27.2 11.2 51.2

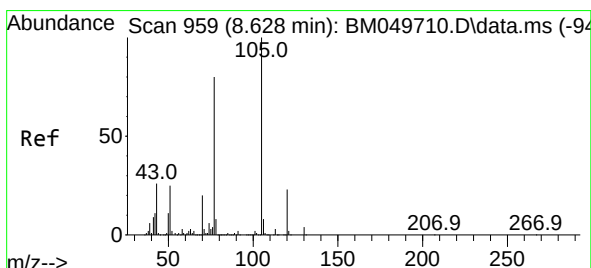
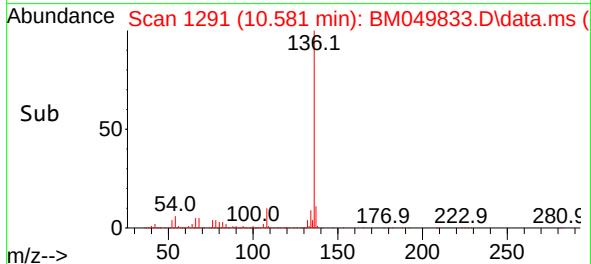
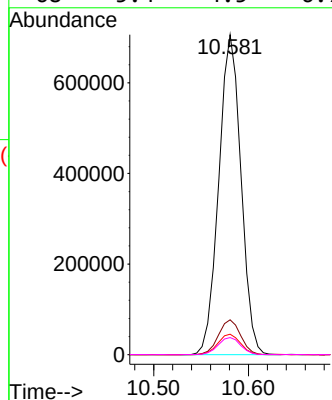
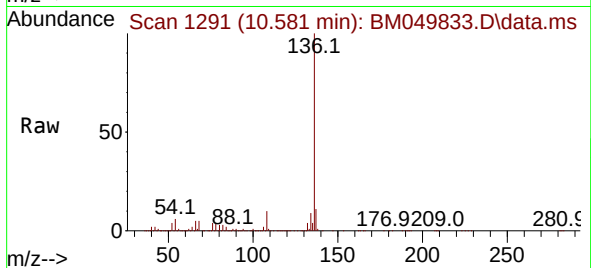




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.581 min Scan# 11
Delta R.T. -0.024 min
Lab File: BM049833.D
Acq: 07 Apr 2025 10:43

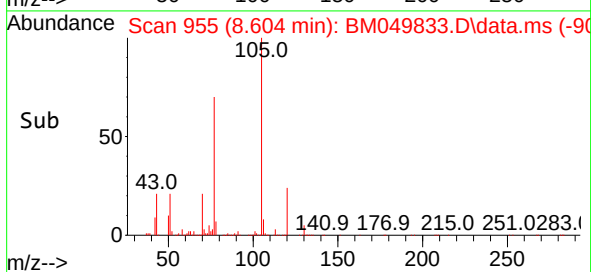
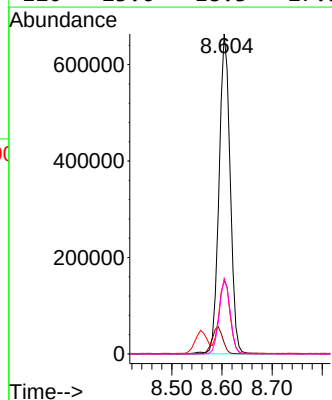
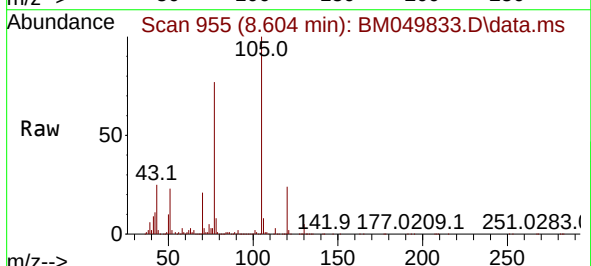
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

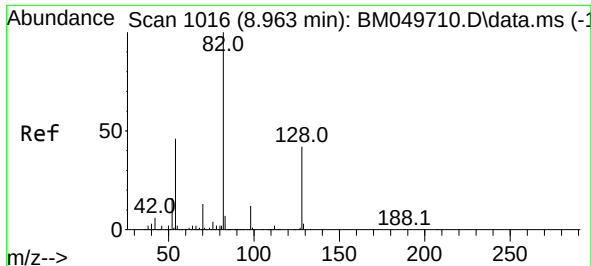
Tgt Ion:136 Resp: 1151322
Ion Ratio Lower Upper
136 100
137 10.9 8.6 12.8
54 6.4 5.8 8.8
68 5.4 4.5 6.7



#22
Acetophenone
Concen: 34.476 ng
RT: 8.604 min Scan# 955
Delta R.T. -0.024 min
Lab File: BM049833.D
Acq: 07 Apr 2025 10:43

Tgt Ion:105 Resp: 1023463
Ion Ratio Lower Upper
105 100
71 3.4 2.5 3.7
51 22.9 19.9 29.9
120 23.6 18.3 27.5

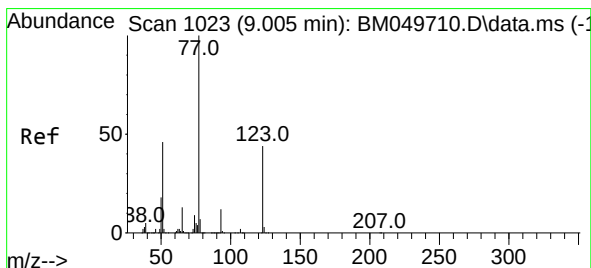
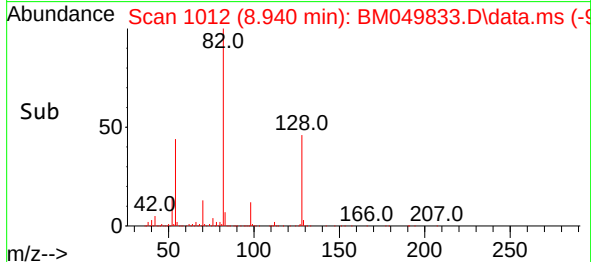
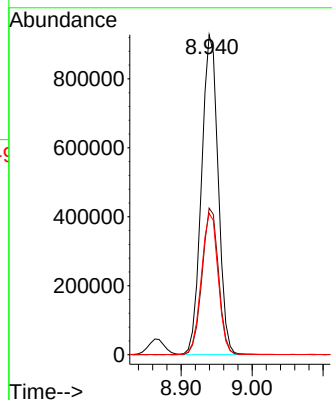
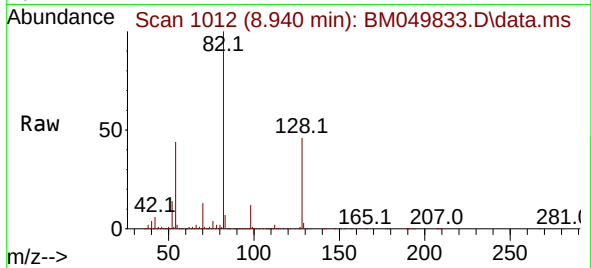




#23
Nitrobenzene-d5
Concen: 67.475 ng
RT: 8.940 min Scan# 1016
Delta R.T. -0.024 min
Lab File: BM049833.D
Acq: 07 Apr 2025 10:43

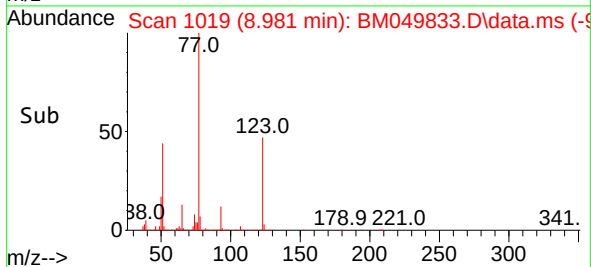
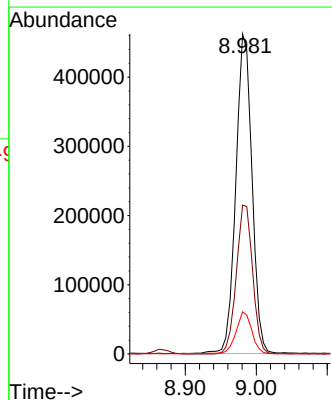
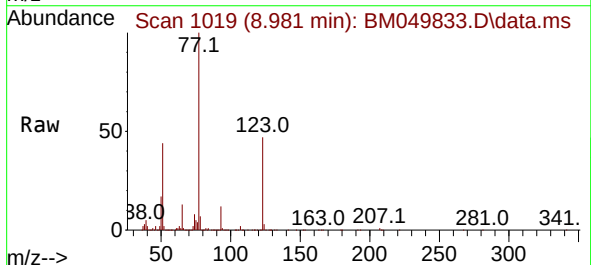
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

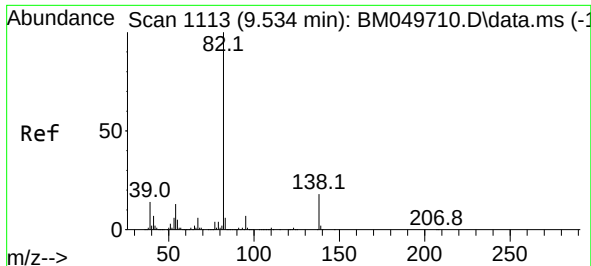
Tgt Ion: 82 Resp: 1513111
Ion Ratio Lower Upper
82 100
128 45.8 33.4 50.0
54 44.2 36.4 54.6



#24
Nitrobenzene
Concen: 34.646 ng
RT: 8.981 min Scan# 1019
Delta R.T. -0.024 min
Lab File: BM049833.D
Acq: 07 Apr 2025 10:43

Tgt Ion: 77 Resp: 732583
Ion Ratio Lower Upper
77 100
123 46.5 34.9 52.3
65 13.2 10.6 15.8





#25

Isophorone

Concen: 37.434 ng

RT: 9.510 min Scan# 1109

Delta R.T. -0.024 min

Lab File: BM049833.D

Acq: 07 Apr 2025 10:43

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

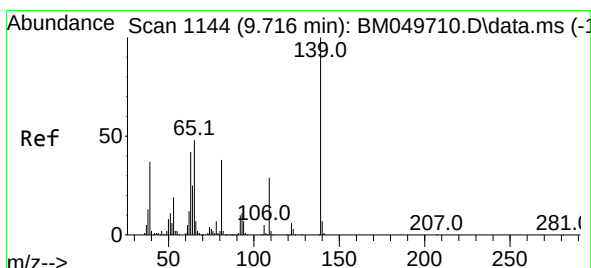
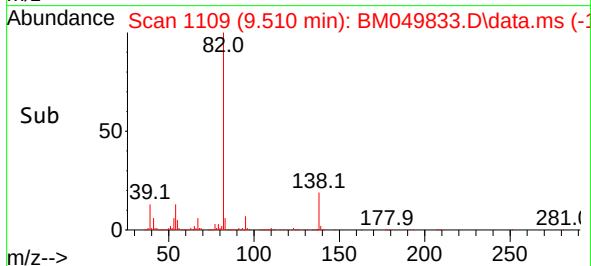
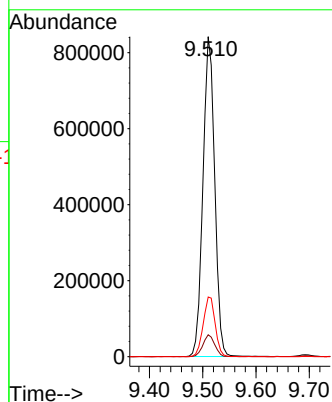
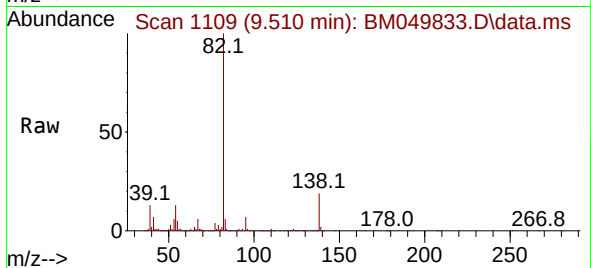
Tgt Ion: 82 Resp: 1288869

Ion Ratio Lower Upper

82 100

95 6.8 5.3 7.9

138 18.7 14.4 21.6



#26

2-Nitrophenol

Concen: 42.847 ng

RT: 9.692 min Scan# 1140

Delta R.T. -0.024 min

Lab File: BM049833.D

Acq: 07 Apr 2025 10:43

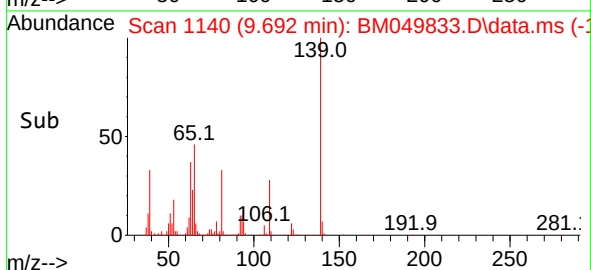
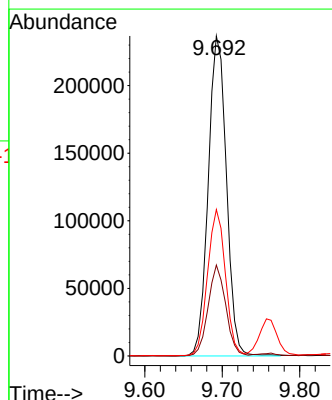
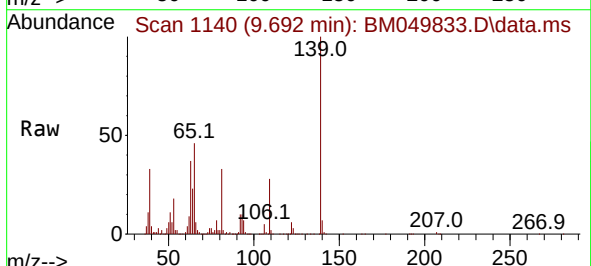
Tgt Ion:139 Resp: 385614

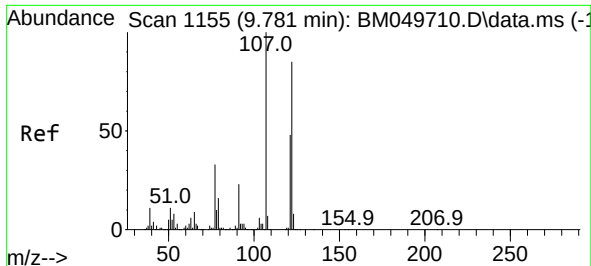
Ion Ratio Lower Upper

139 100

109 28.4 23.3 34.9

65 45.8 38.6 58.0

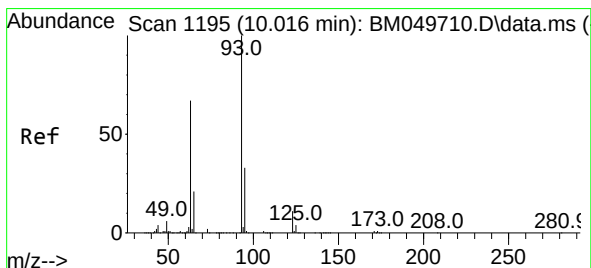
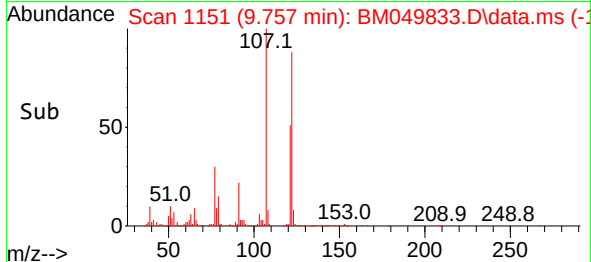
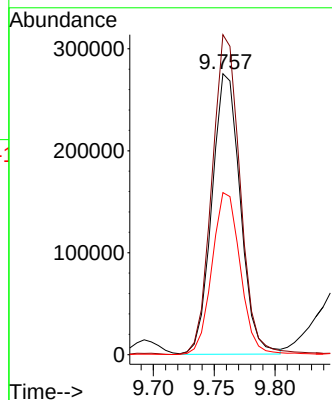
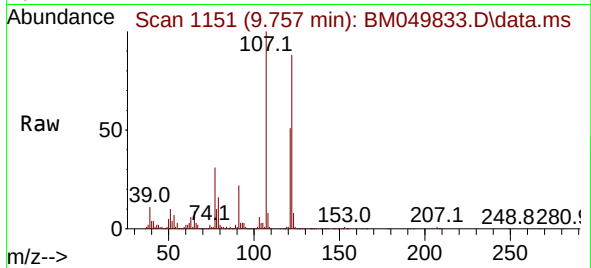




#27
2,4-Dimethylphenol
Concen: 39.036 ng
RT: 9.757 min Scan# 1151
Delta R.T. -0.024 min
Lab File: BM049833.D
Acq: 07 Apr 2025 10:43

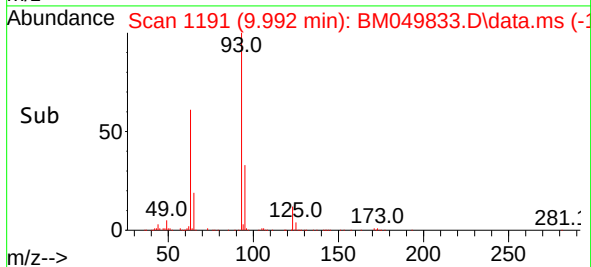
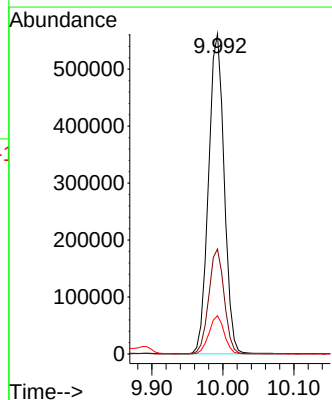
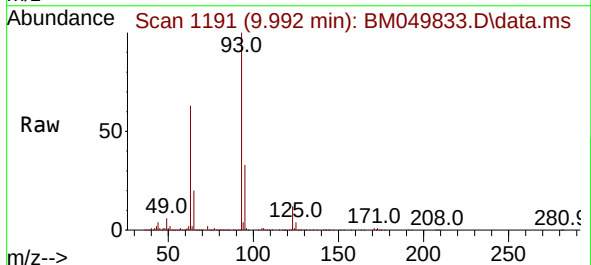
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

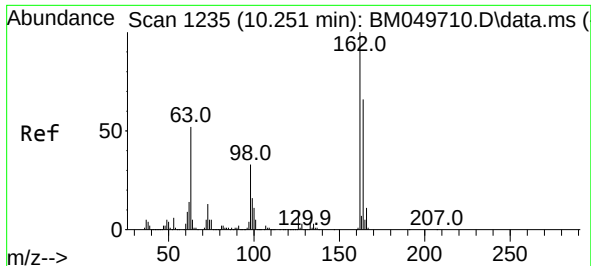
Tgt Ion:122 Resp: 447179
Ion Ratio Lower Upper
122 100
107 113.9 94.3 141.5
121 57.7 45.4 68.2



#28
bis(2-Chloroethoxy)methane
Concen: 35.434 ng
RT: 9.992 min Scan# 1191
Delta R.T. -0.024 min
Lab File: BM049833.D
Acq: 07 Apr 2025 10:43

Tgt Ion: 93 Resp: 859269
Ion Ratio Lower Upper
93 100
95 32.8 26.6 40.0
123 11.9 9.0 13.6





#29

2,4-Dichlorophenol

Concen: 38.660 ng

RT: 10.234 min Scan# 1

Delta R.T. -0.018 min

Lab File: BM049833.D

Acq: 07 Apr 2025 10:43

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

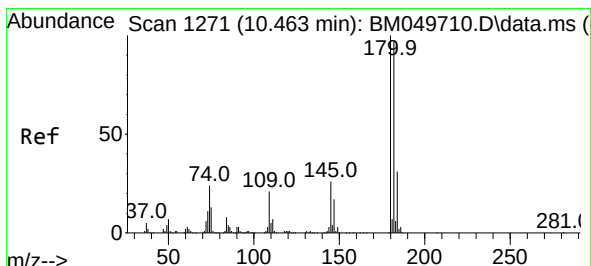
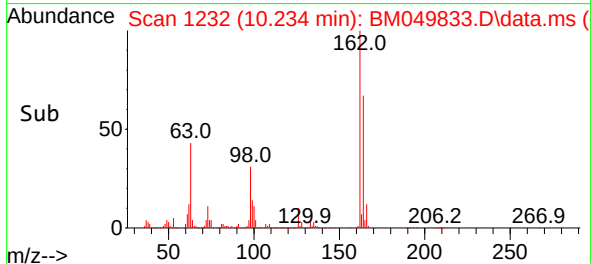
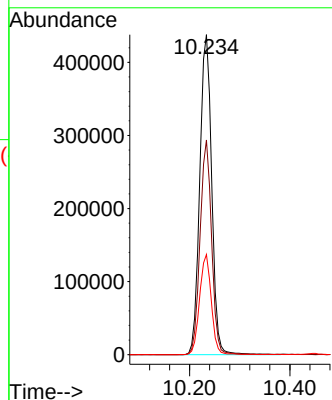
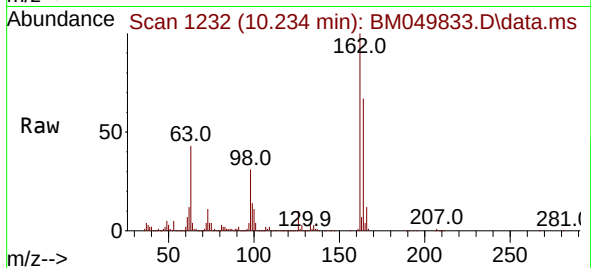
Tgt Ion:162 Resp: 721646

Ion Ratio Lower Upper

162 100

164 67.1 46.3 86.3

98 31.3 12.8 52.8



#30

1,2,4-Trichlorobenzene

Concen: 35.412 ng

RT: 10.445 min Scan# 1268

Delta R.T. -0.018 min

Lab File: BM049833.D

Acq: 07 Apr 2025 10:43

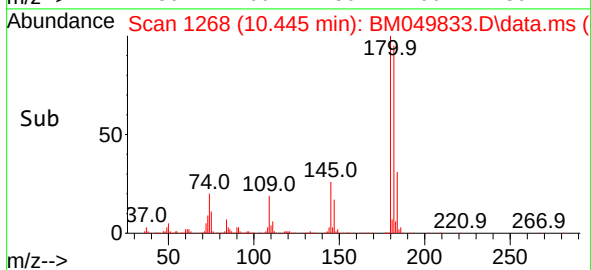
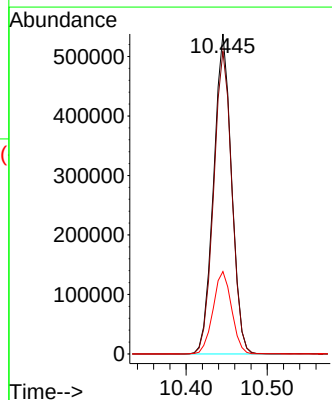
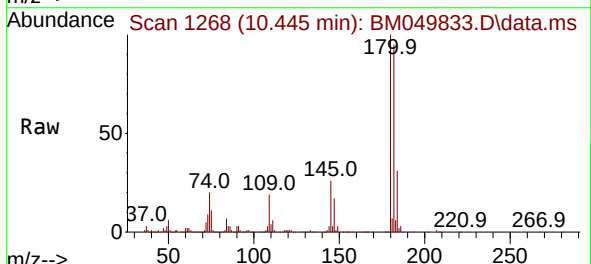
Tgt Ion:180 Resp: 827025

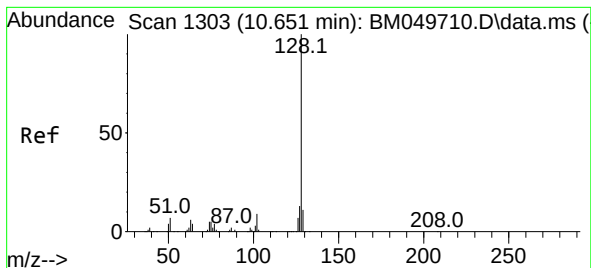
Ion Ratio Lower Upper

180 100

182 94.6 77.7 116.5

145 25.8 21.0 31.4

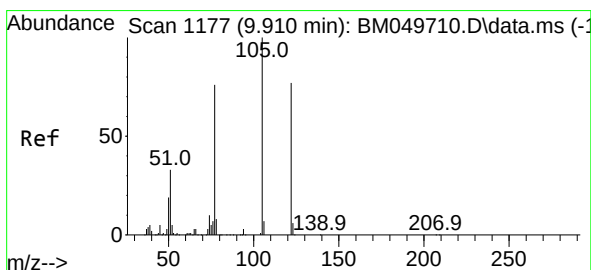
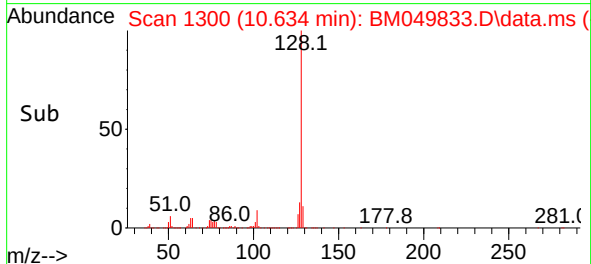
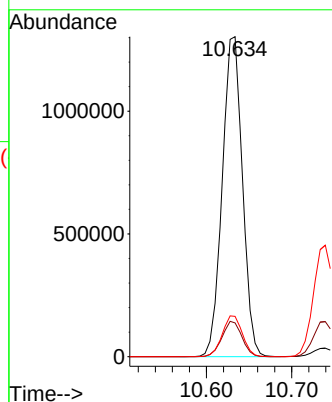
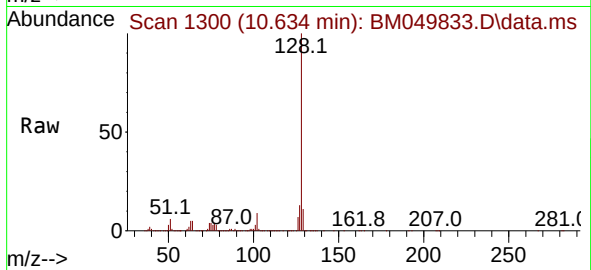




#31
Naphthalene
Concen: 36.205 ng
RT: 10.634 min Scan# 1174
Delta R.T. -0.018 min
Lab File: BM049833.D
Acq: 07 Apr 2025 10:43

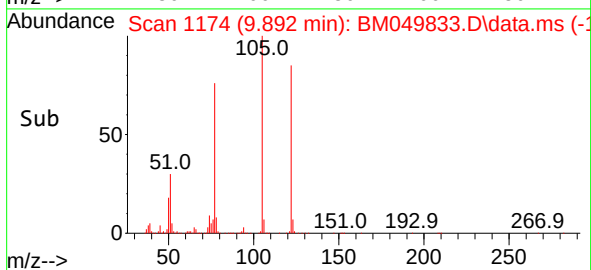
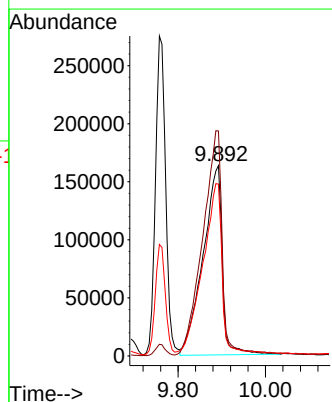
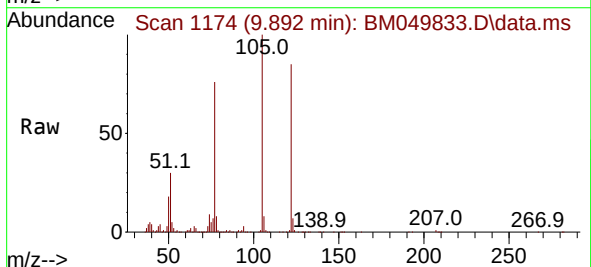
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

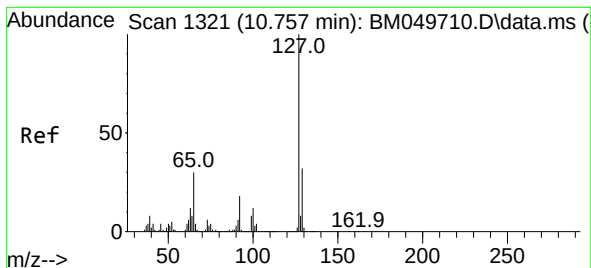
Tgt Ion:128 Resp: 2143371
Ion Ratio Lower Upper
128 100
129 10.5 8.6 13.0
127 12.6 10.4 15.6



#32
Benzoic acid
Concen: 51.174 ng
RT: 9.892 min Scan# 1174
Delta R.T. -0.018 min
Lab File: BM049833.D
Acq: 07 Apr 2025 10:43

Tgt Ion:122 Resp: 498567
Ion Ratio Lower Upper
122 100
105 118.3 105.6 145.6
77 90.3 76.9 116.9

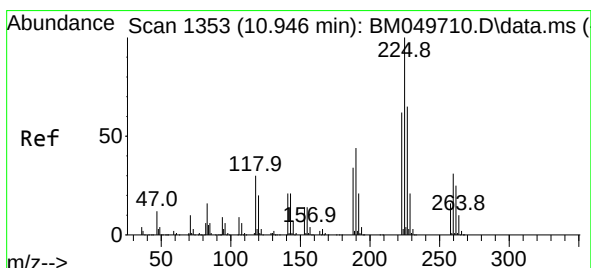
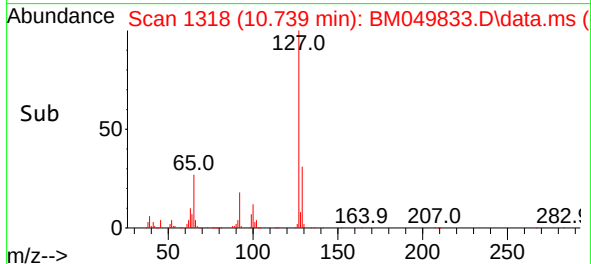
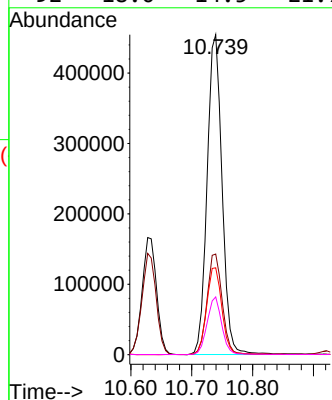
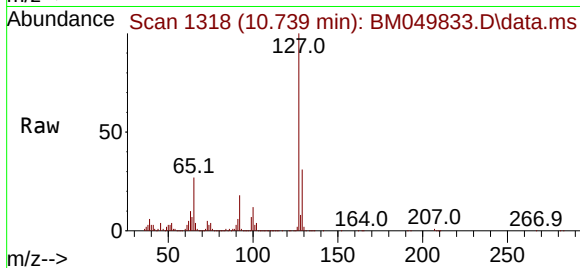




#33
4-Chloroaniline
Concen: 38.416 ng
RT: 10.739 min Scan# 1318
Delta R.T. -0.018 min
Lab File: BM049833.D
Acq: 07 Apr 2025 10:43

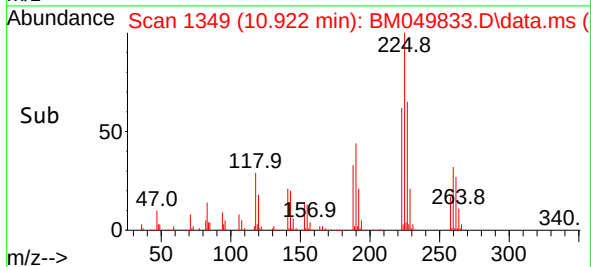
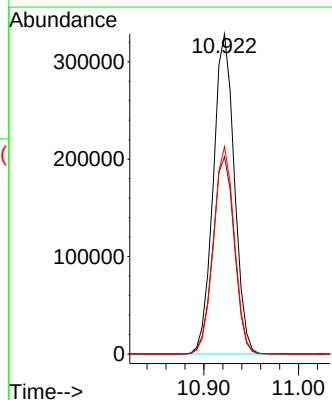
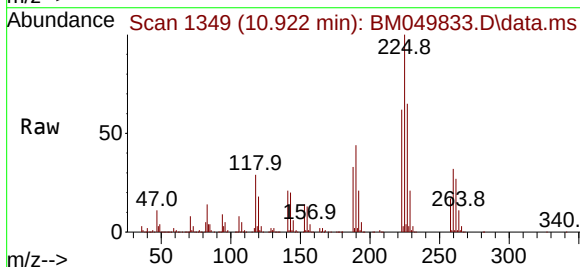
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

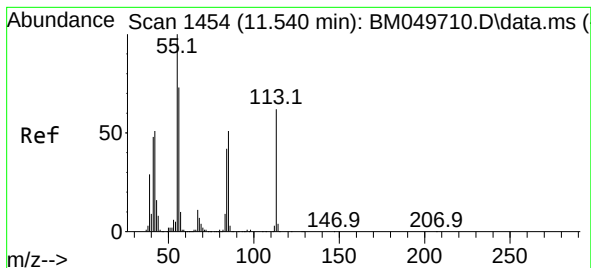
Tgt Ion:	127	Resp:	776169
Ion	Ratio	Lower	Upper
127	100		
129	31.5	25.7	38.5
65	27.2	24.1	36.1
92	18.0	14.5	21.7



#34
Hexachlorobutadiene
Concen: 35.250 ng
RT: 10.922 min Scan# 1349
Delta R.T. -0.024 min
Lab File: BM049833.D
Acq: 07 Apr 2025 10:43

Tgt Ion:	225	Resp:	508216
Ion	Ratio	Lower	Upper
225	100		
223	61.6	49.8	74.8
227	64.8	52.1	78.1

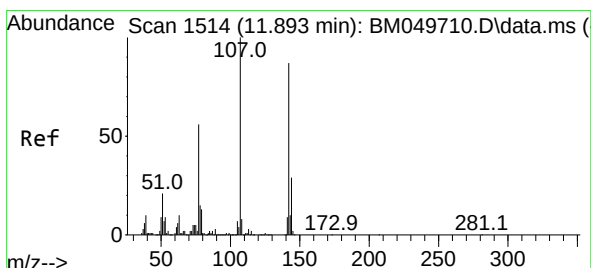
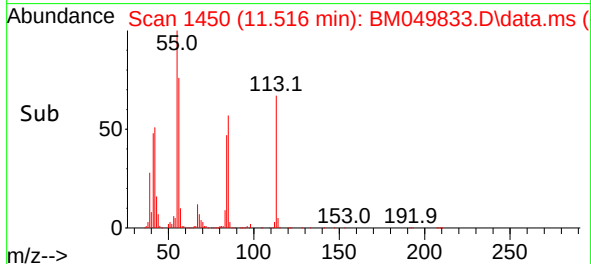
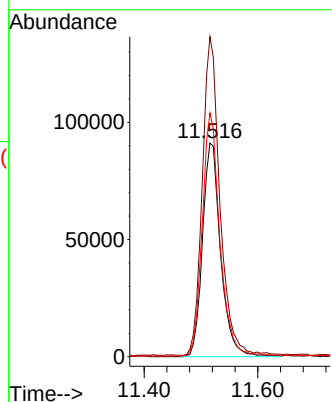
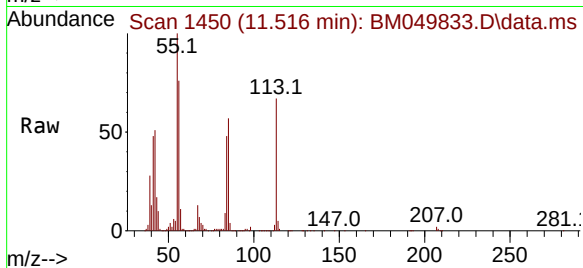




#35
Caprolactam
Concen: 46.408 ng
RT: 11.516 min Scan# 14
Delta R.T. -0.024 min
Lab File: BM049833.D
Acq: 07 Apr 2025 10:43

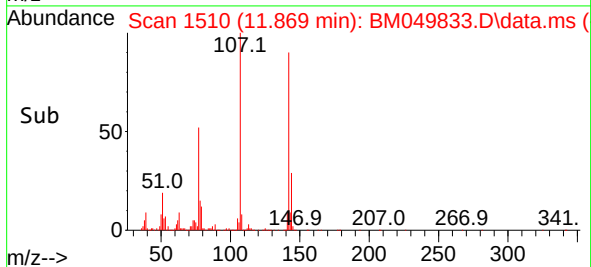
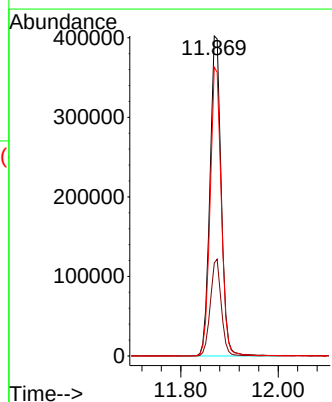
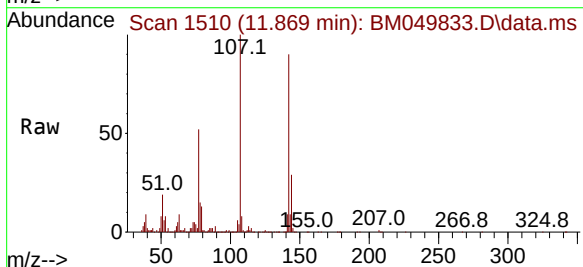
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

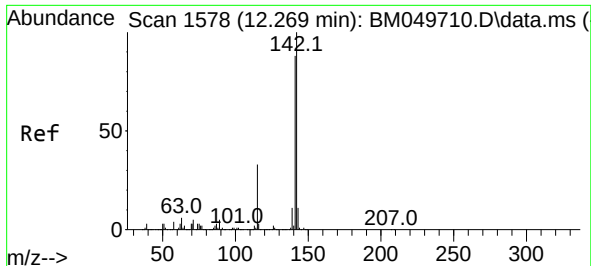
Tgt Ion:113 Resp: 201123
Ion Ratio Lower Upper
113 100
55 149.6 141.8 181.8
56 114.0 98.0 138.0



#36
4-Chloro-3-methylphenol
Concen: 40.077 ng
RT: 11.869 min Scan# 1510
Delta R.T. -0.024 min
Lab File: BM049833.D
Acq: 07 Apr 2025 10:43

Tgt Ion:107 Resp: 641998
Ion Ratio Lower Upper
107 100
144 29.1 23.0 34.6
142 90.2 69.8 104.8

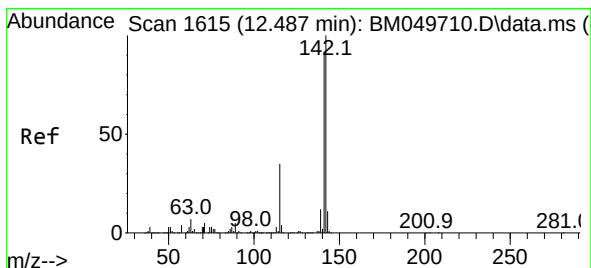
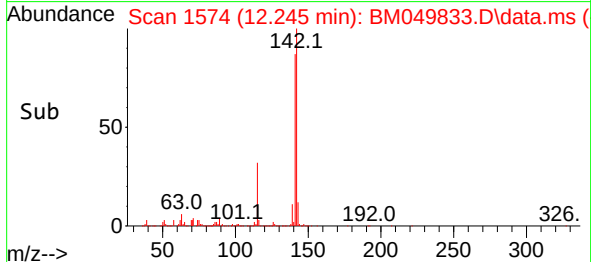
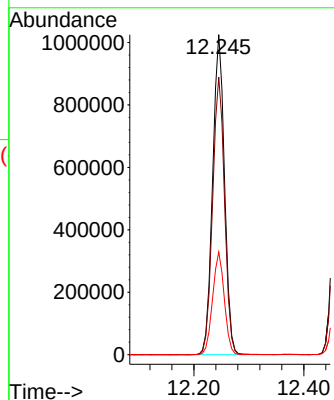
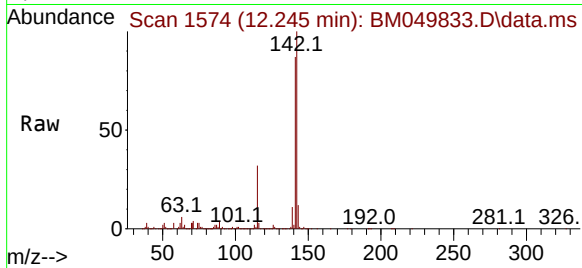




#37
2-Methylnaphthalene
Concen: 37.054 ng
RT: 12.245 min Scan# 1
Delta R.T. -0.024 min
Lab File: BM049833.D
Acq: 07 Apr 2025 10:43

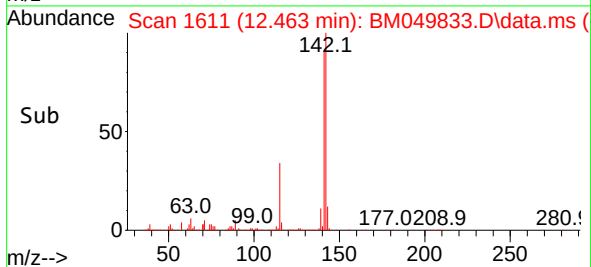
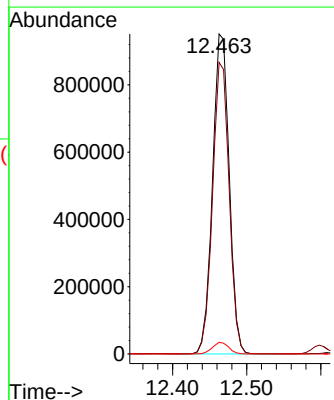
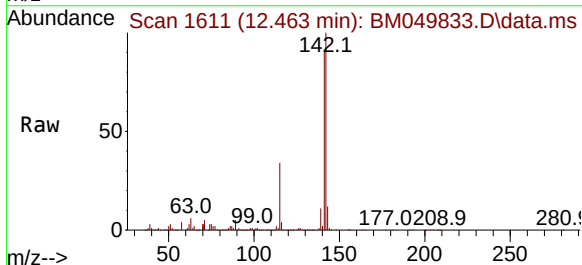
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

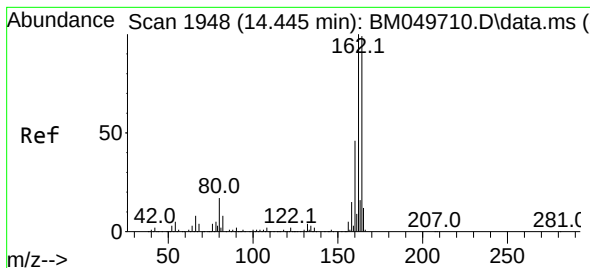
Tgt Ion:142 Resp: 1533920
Ion Ratio Lower Upper
142 100
141 86.7 70.5 105.7
115 32.1 26.5 39.7



#38
1-Methylnaphthalene
Concen: 37.141 ng
RT: 12.463 min Scan# 1611
Delta R.T. -0.024 min
Lab File: BM049833.D
Acq: 07 Apr 2025 10:43

Tgt Ion:142 Resp: 1483399
Ion Ratio Lower Upper
142 100
141 91.1 73.4 110.2
116 3.7 2.8 4.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.427 min Scan# 1945

Delta R.T. -0.018 min

Lab File: BM049833.D

Acq: 07 Apr 2025 10:43

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

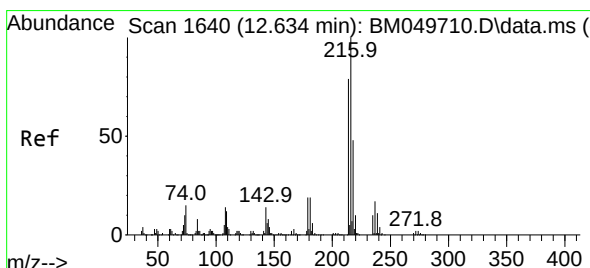
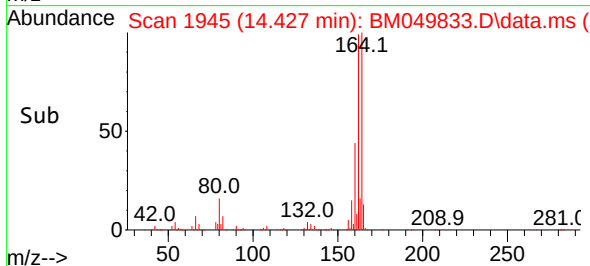
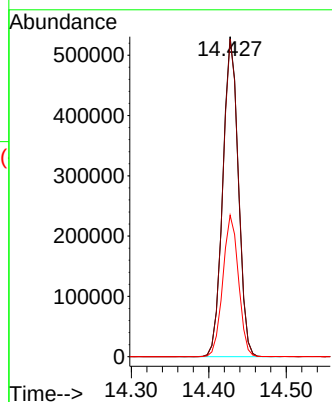
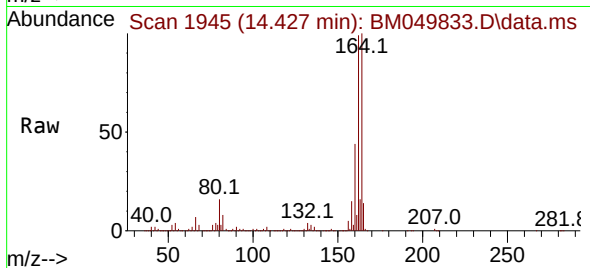
Tgt Ion:164 Resp: 736916

Ion Ratio Lower Upper

164 100

162 99.3 80.5 120.7

160 44.2 36.9 55.3



#40

1,2,4,5-Tetrachlorobenzene

Concen: 34.160 ng

RT: 12.616 min Scan# 1637

Delta R.T. -0.018 min

Lab File: BM049833.D

Acq: 07 Apr 2025 10:43

Tgt Ion:216 Resp: 924658

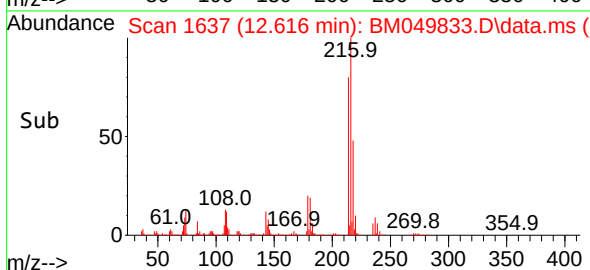
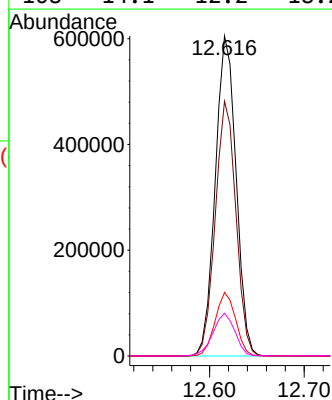
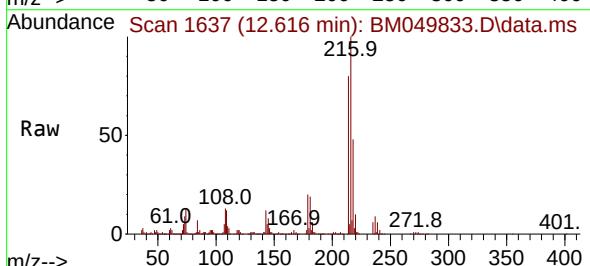
Ion Ratio Lower Upper

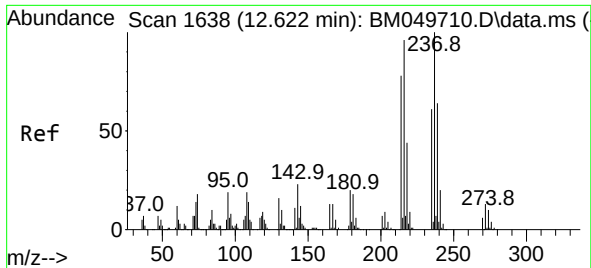
216 100

214 79.0 63.5 95.3

179 19.7 15.7 23.5

108 14.1 12.2 18.2

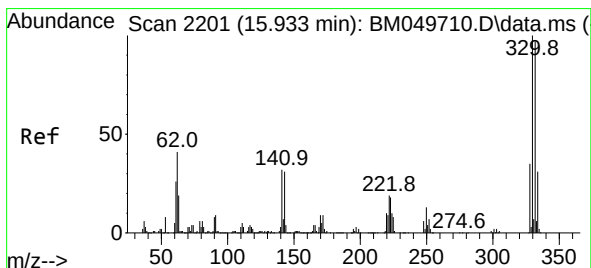
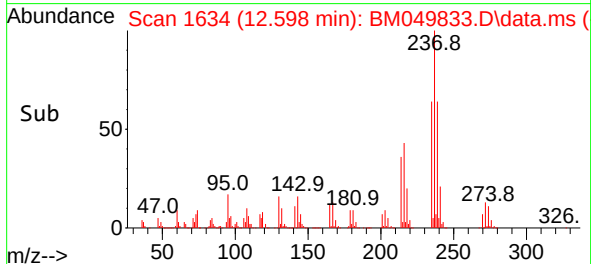
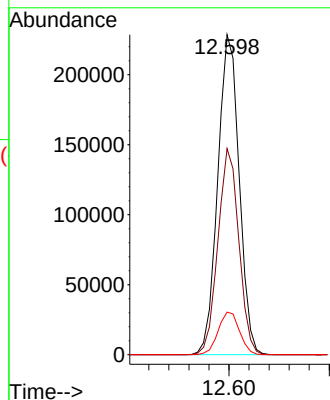
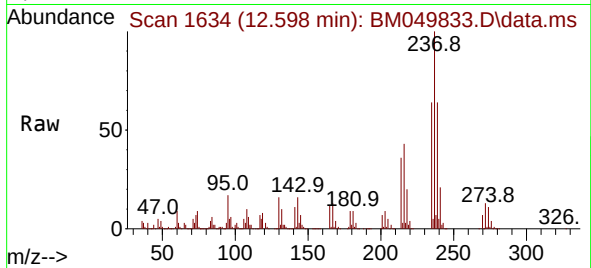




#41
Hexachlorocyclopentadiene
Concen: 33.719 ng
RT: 12.598 min Scan# 1
Delta R.T. -0.024 min
Lab File: BM049833.D
Acq: 07 Apr 2025 10:43

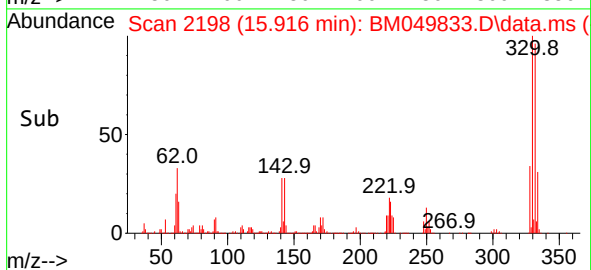
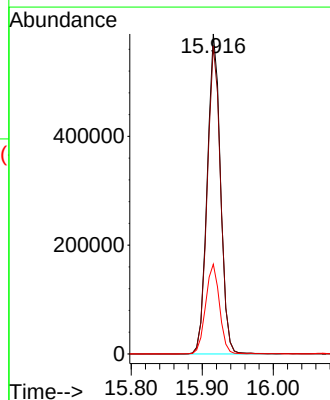
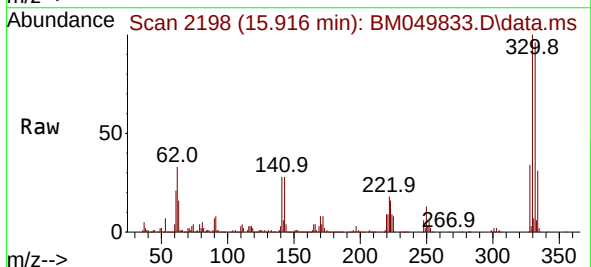
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

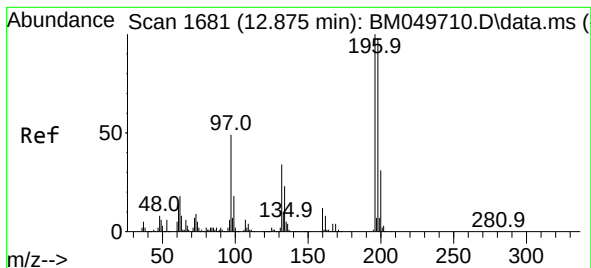
Tgt Ion:237 Resp: 338133
Ion Ratio Lower Upper
237 100
235 64.4 41.1 81.1
272 13.3 0.0 32.5



#42
2,4,6-Tribromophenol
Concen: 88.756 ng
RT: 15.916 min Scan# 2198
Delta R.T. -0.017 min
Lab File: BM049833.D
Acq: 07 Apr 2025 10:43

Tgt Ion:330 Resp: 763739
Ion Ratio Lower Upper
330 100
332 96.9 77.0 115.4
141 29.4 27.8 41.6





#43

2,4,6-Trichlorophenol

Concen: 39.511 ng

RT: 12.857 min Scan# 1

Delta R.T. -0.018 min

Lab File: BM049833.D

Acq: 07 Apr 2025 10:43

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

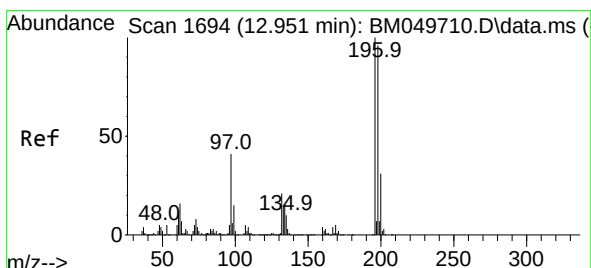
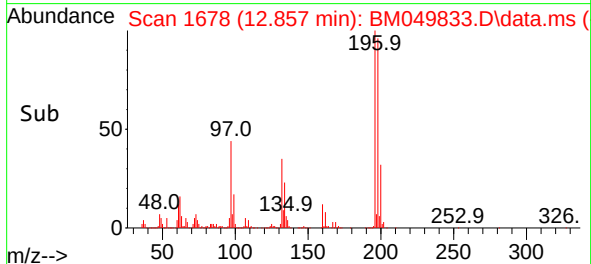
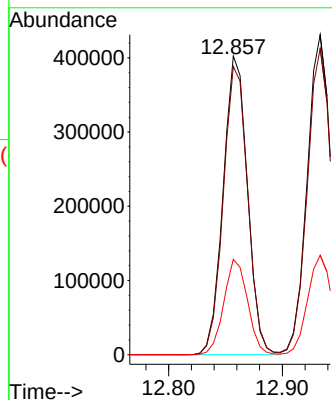
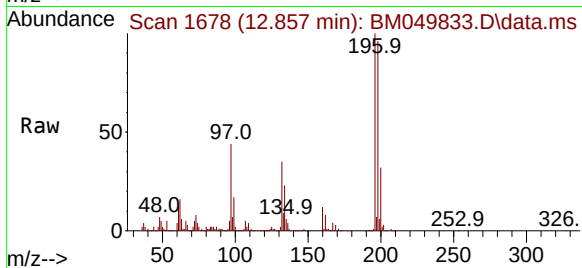
Tgt Ion:196 Resp: 598996

Ion Ratio Lower Upper

196 100

198 96.4 78.3 117.5

200 31.9 25.1 37.7



#44

2,4,5-Trichlorophenol

Concen: 38.849 ng

RT: 12.933 min Scan# 1691

Delta R.T. -0.018 min

Lab File: BM049833.D

Acq: 07 Apr 2025 10:43

Tgt Ion:196 Resp: 642703

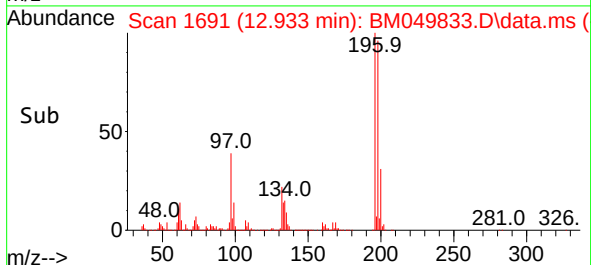
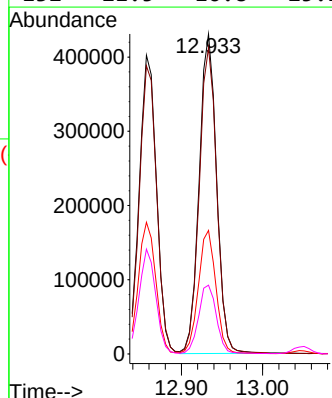
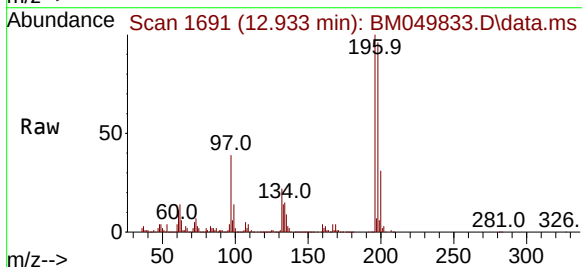
Ion Ratio Lower Upper

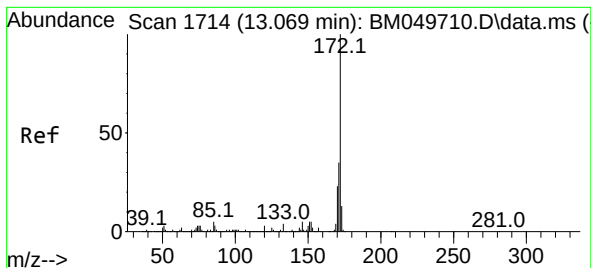
196 100

198 95.7 76.7 115.1

97 38.6 32.9 49.3

132 21.5 16.8 25.2





#45

2-Fluorobiphenyl

Concen: 67.690 ng

RT: 13.051 min Scan# 1

Delta R.T. -0.018 min

Lab File: BM049833.D

Acq: 07 Apr 2025 10:43

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

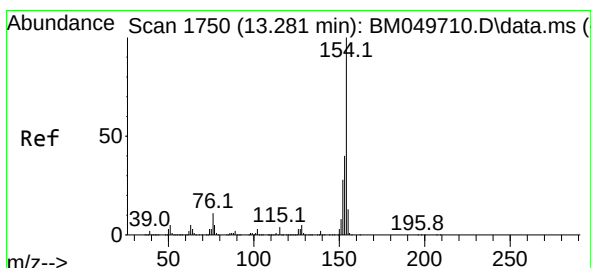
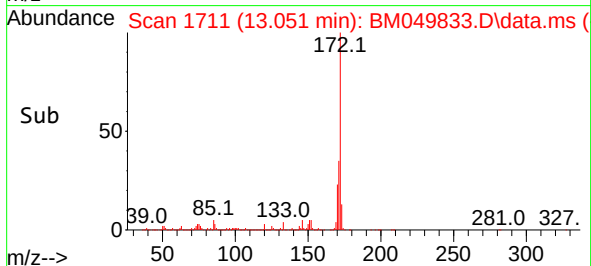
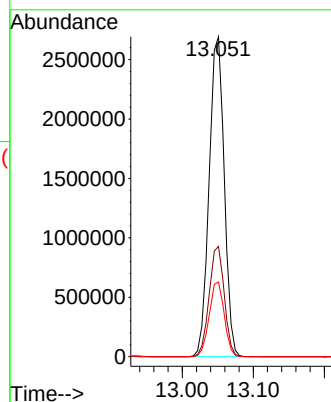
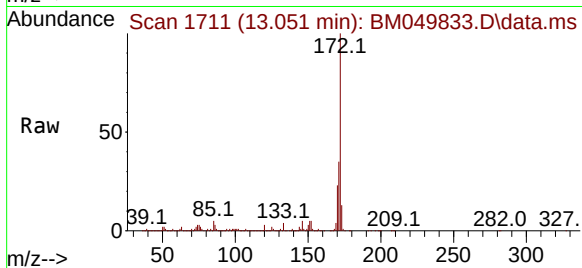
Tgt Ion:172 Resp: 3982946

Ion Ratio Lower Upper

172 100

171 34.5 27.9 41.9

170 23.4 18.6 28.0



#46

1,1'-Biphenyl

Concen: 35.346 ng

RT: 13.257 min Scan# 1746

Delta R.T. -0.024 min

Lab File: BM049833.D

Acq: 07 Apr 2025 10:43

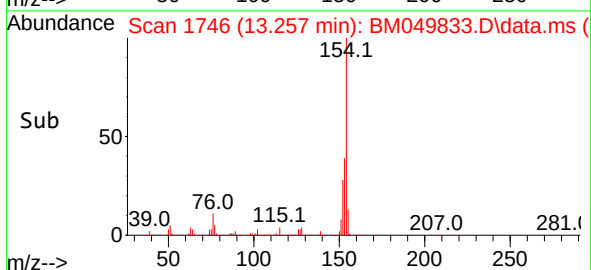
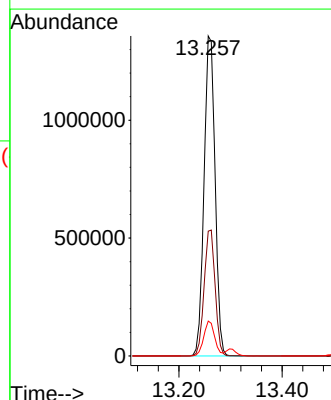
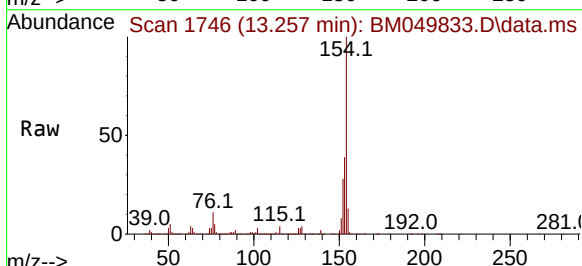
Tgt Ion:154 Resp: 2007470

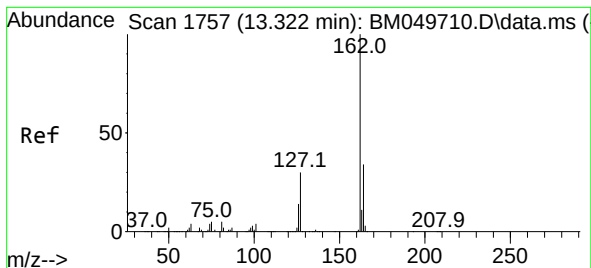
Ion Ratio Lower Upper

154 100

153 39.0 19.7 59.7

76 10.9 0.0 31.2

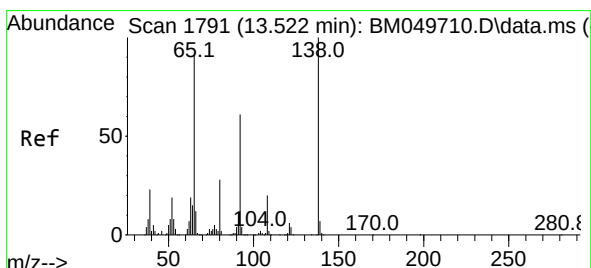
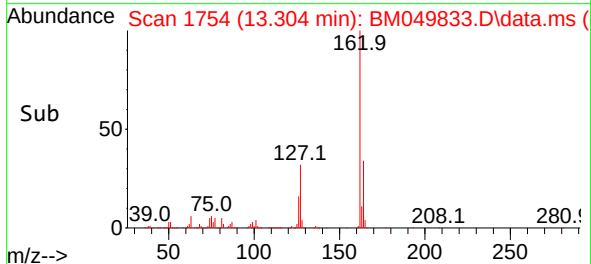
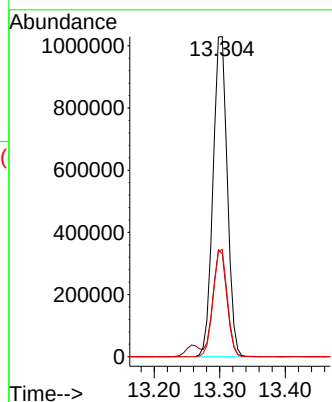
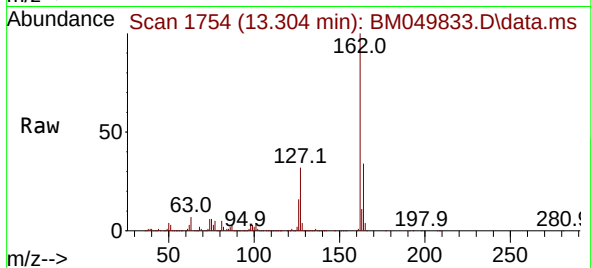




#47
2-Chloronaphthalene
Concen: 35.335 ng
RT: 13.304 min Scan# 1754
Delta R.T. -0.018 min
Lab File: BM049833.D
Acq: 07 Apr 2025 10:43

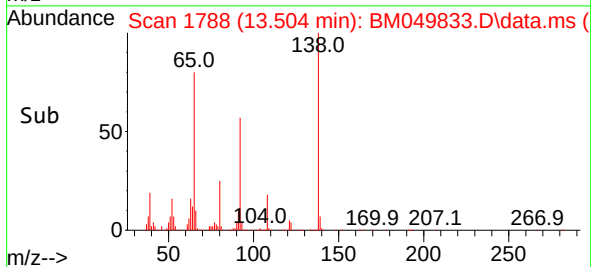
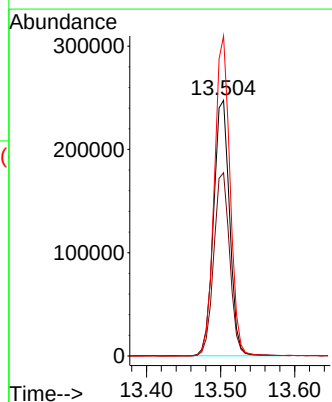
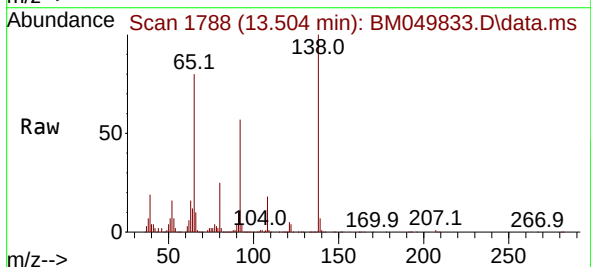
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

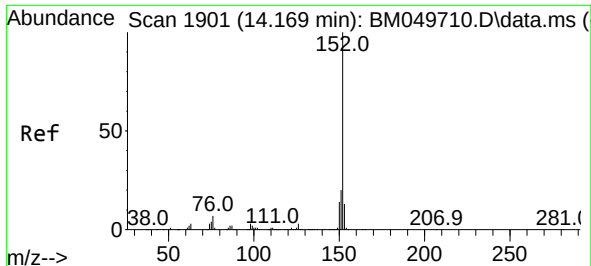
Tgt Ion:162 Resp: 1562072
Ion Ratio Lower Upper
162 100
127 32.2 25.8 38.6
164 33.6 27.1 40.7



#48
2-Nitroaniline
Concen: 37.457 ng
RT: 13.504 min Scan# 1788
Delta R.T. -0.018 min
Lab File: BM049833.D
Acq: 07 Apr 2025 10:43

Tgt Ion: 65 Resp: 371718
Ion Ratio Lower Upper
65 100
92 71.7 53.4 80.2
138 125.1 87.6 131.4

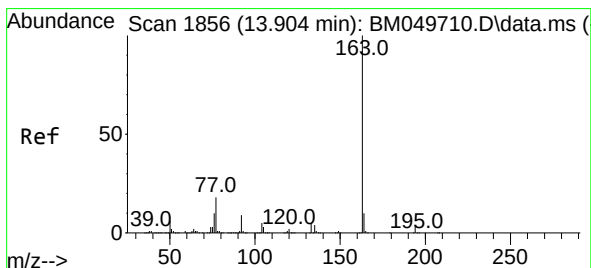
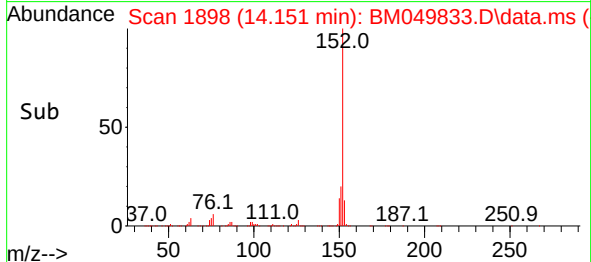
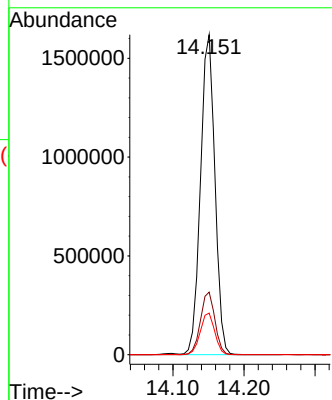
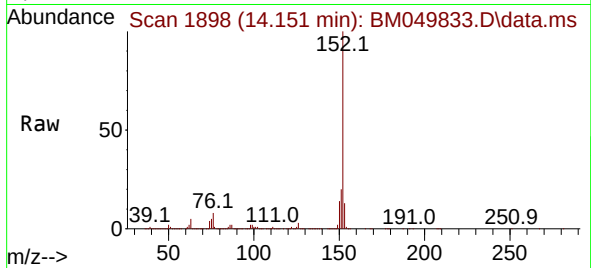




#49
Acenaphthylene
Concen: 37.011 ng
RT: 14.151 min Scan# 11
Delta R.T. -0.018 min
Lab File: BM049833.D
Acq: 07 Apr 2025 10:43

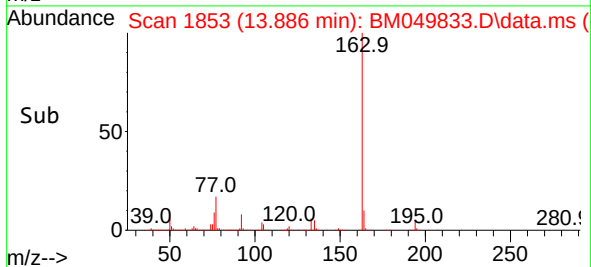
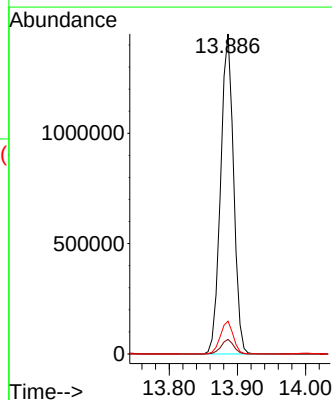
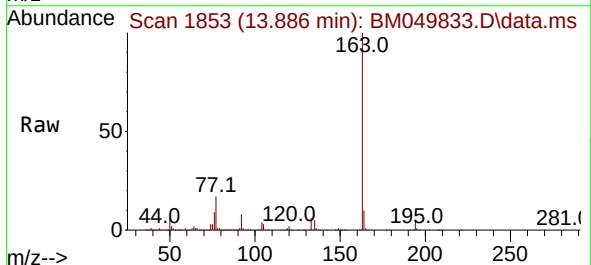
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

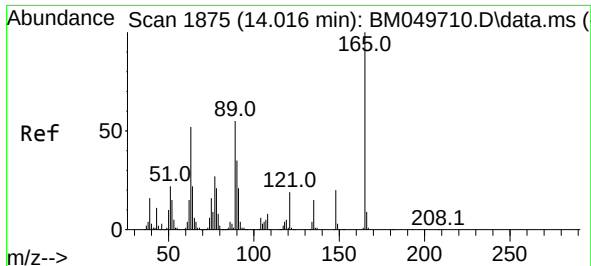
Tgt Ion:152 Resp: 2286956
Ion Ratio Lower Upper
152 100
151 19.6 15.8 23.8
153 13.0 10.2 15.4



#50
Dimethylphthalate
Concen: 37.852 ng
RT: 13.886 min Scan# 1853
Delta R.T. -0.018 min
Lab File: BM049833.D
Acq: 07 Apr 2025 10:43

Tgt Ion:163 Resp: 1920484
Ion Ratio Lower Upper
163 100
194 4.6 3.4 5.0
164 10.3 8.2 12.2

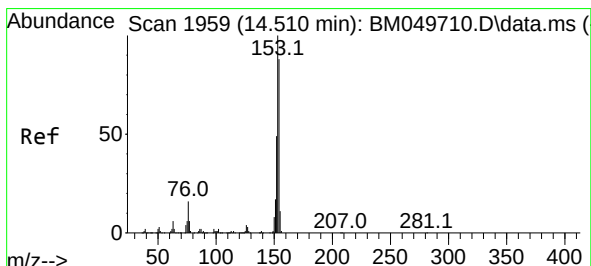
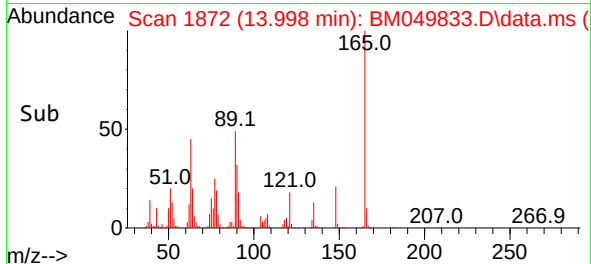
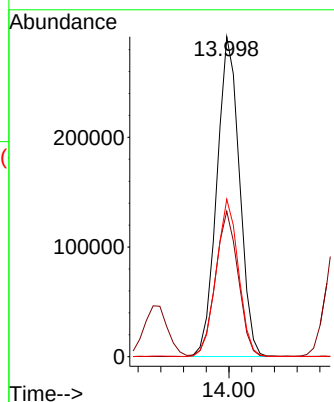
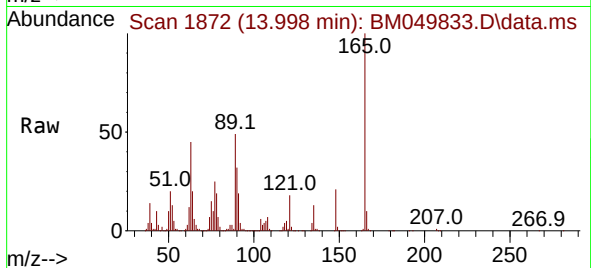




#51
2,6-Dinitrotoluene
Concen: 39.754 ng
RT: 13.998 min Scan# 1872
Delta R.T. -0.018 min
Lab File: BM049833.D
Acq: 07 Apr 2025 10:43

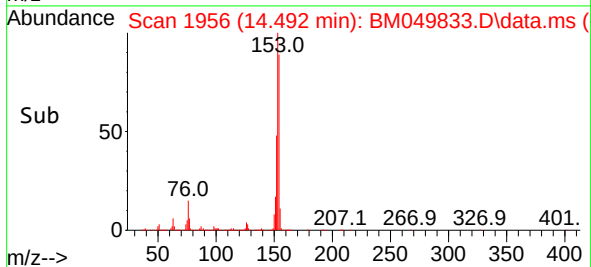
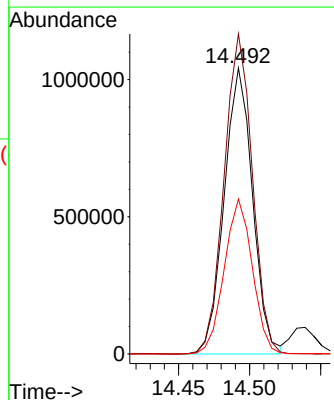
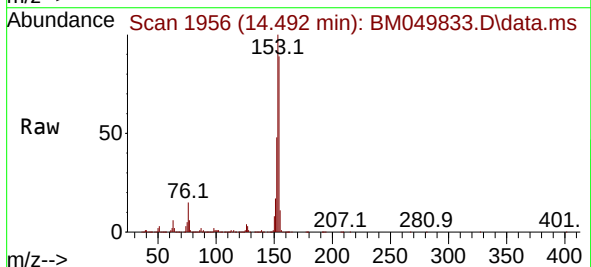
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

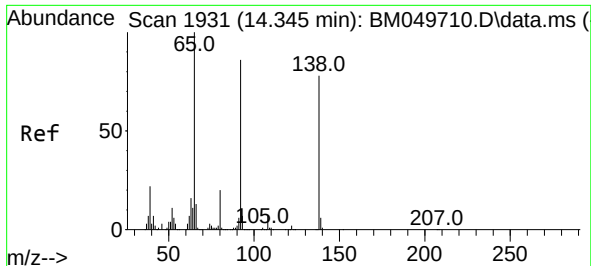
Tgt Ion:165 Resp: 404137
Ion Ratio Lower Upper
165 100
63 45.4 42.3 63.5
89 49.2 43.9 65.9



#52
Acenaphthene
Concen: 35.772 ng
RT: 14.492 min Scan# 1956
Delta R.T. -0.018 min
Lab File: BM049833.D
Acq: 07 Apr 2025 10:43

Tgt Ion:154 Resp: 1449895
Ion Ratio Lower Upper
154 100
153 111.9 90.4 135.6
152 54.2 44.2 66.2

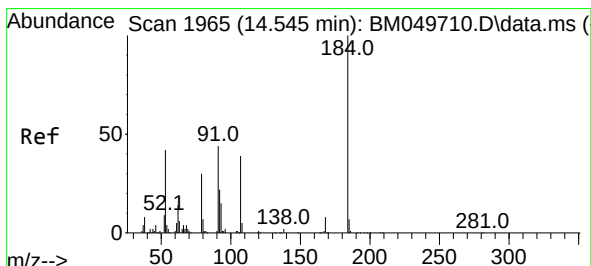
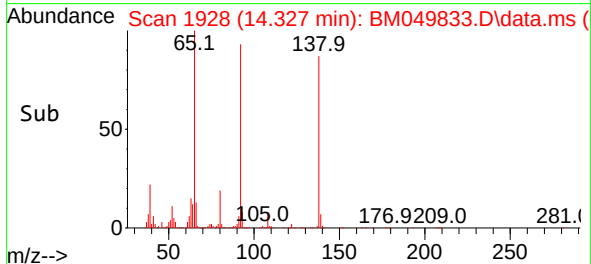
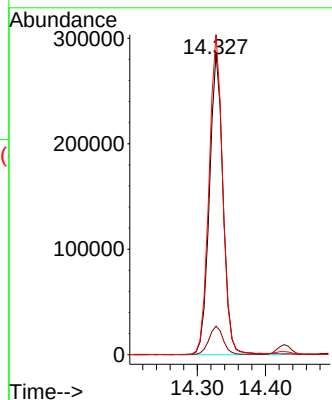
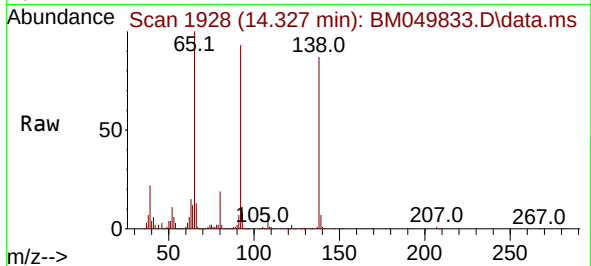




#53
3-Nitroaniline
Concen: 41.197 ng
RT: 14.327 min Scan# 1931
Delta R.T. -0.018 min
Lab File: BM049833.D
Acq: 07 Apr 2025 10:43

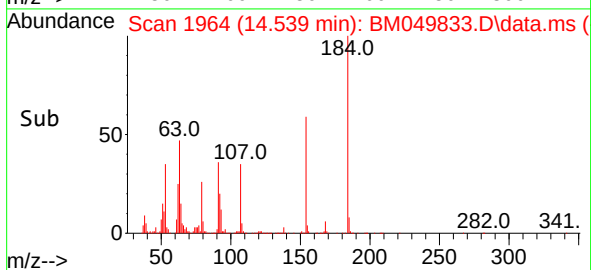
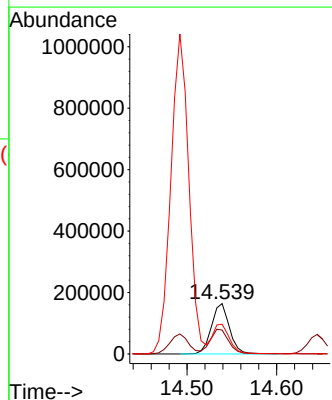
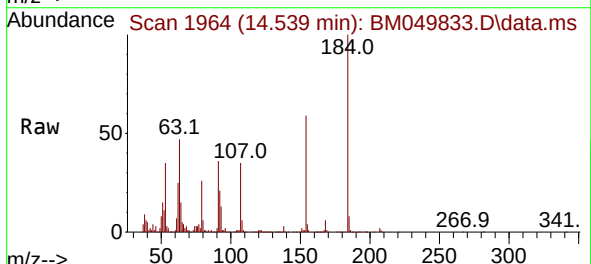
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

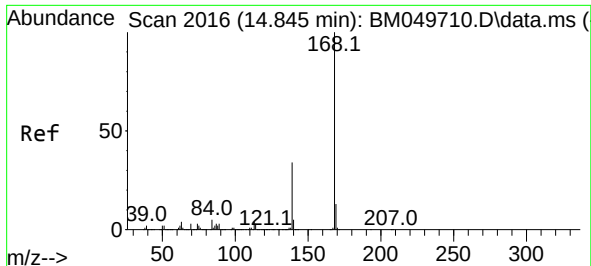
Tgt Ion:138 Resp: 398539
Ion Ratio Lower Upper
138 100
108 9.5 7.5 11.3
92 106.3 88.0 132.0



#54
2,4-Dinitrophenol
Concen: 44.285 ng
RT: 14.539 min Scan# 1964
Delta R.T. -0.006 min
Lab File: BM049833.D
Acq: 07 Apr 2025 10:43

Tgt Ion:184 Resp: 228636
Ion Ratio Lower Upper
184 100
63 47.4 47.2 70.8
154 59.1 49.9 74.9

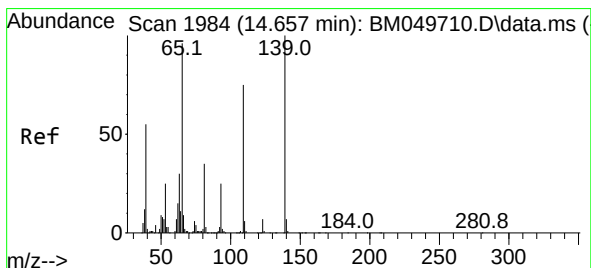
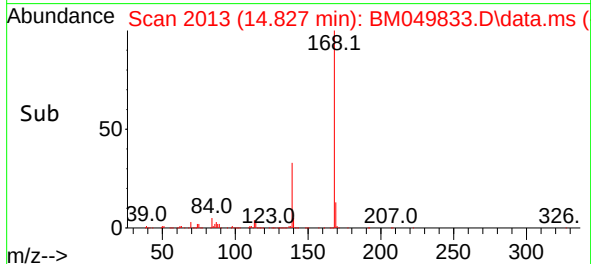
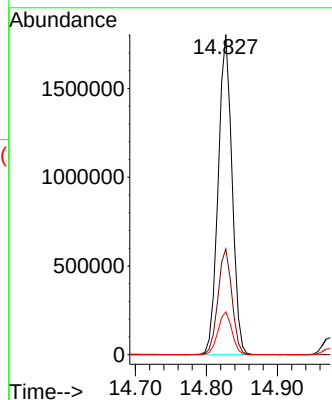
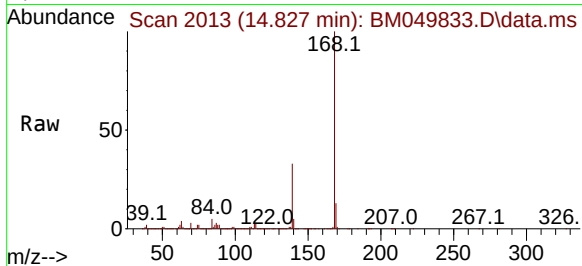




#55
Dibenzofuran
Concen: 35.995 ng
RT: 14.827 min Scan# 2016
Delta R.T. -0.018 min
Lab File: BM049833.D
Acq: 07 Apr 2025 10:43

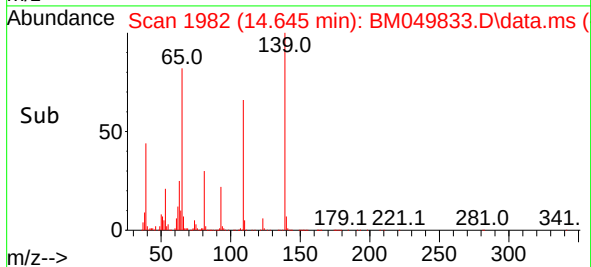
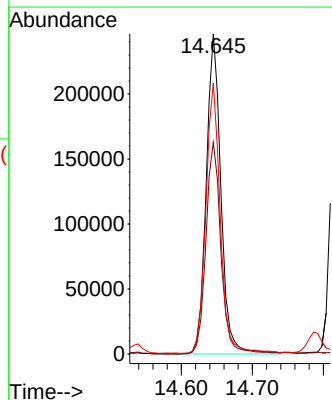
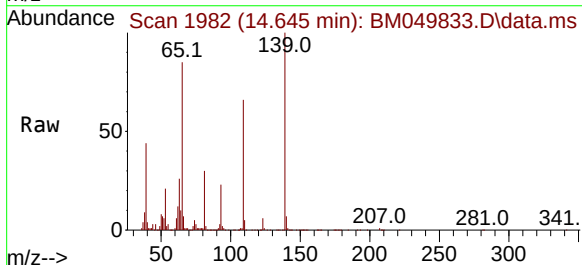
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

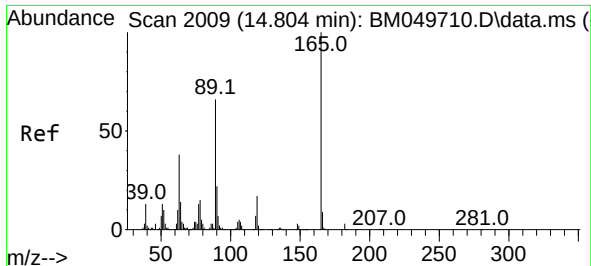
Tgt Ion:168 Resp: 2431054
Ion Ratio Lower Upper
168 100
139 33.0 27.4 41.0
169 13.4 10.7 16.1



#56
4-Nitrophenol
Concen: 42.162 ng
RT: 14.645 min Scan# 1982
Delta R.T. -0.012 min
Lab File: BM049833.D
Acq: 07 Apr 2025 10:43

Tgt Ion:139 Resp: 355037
Ion Ratio Lower Upper
139 100
109 66.1 54.7 94.7
65 84.6 76.2 116.2





#57

2,4-Dinitrotoluene

Concen: 42.139 ng

RT: 14.792 min Scan# 20

Delta R.T. -0.012 min

Lab File: BM049833.D

Acq: 07 Apr 2025 10:43

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

Tgt Ion:165 Resp: 551233

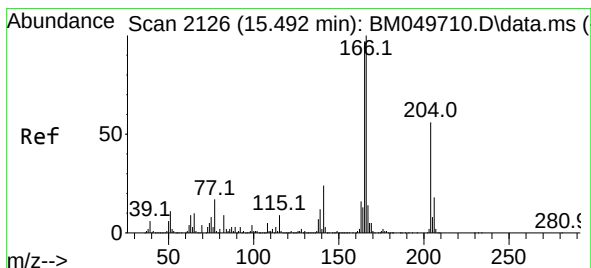
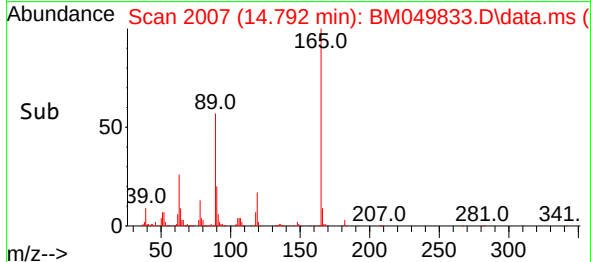
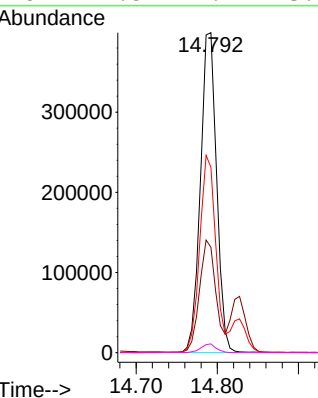
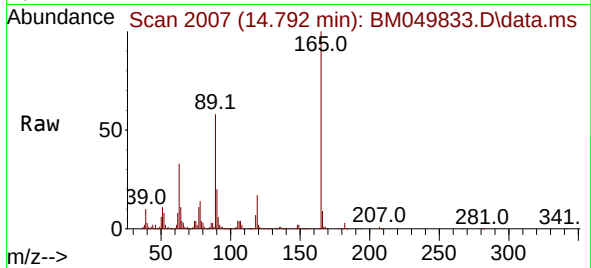
Ion Ratio Lower Upper

165 100

63 33.0 30.8 46.2

89 58.0 53.1 79.7

182 2.8 2.1 3.1



#58

Fluorene

Concen: 35.337 ng

RT: 15.474 min Scan# 2123

Delta R.T. -0.018 min

Lab File: BM049833.D

Acq: 07 Apr 2025 10:43

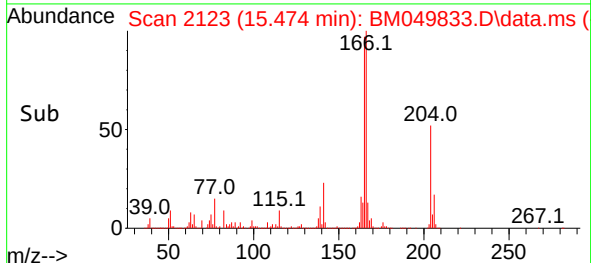
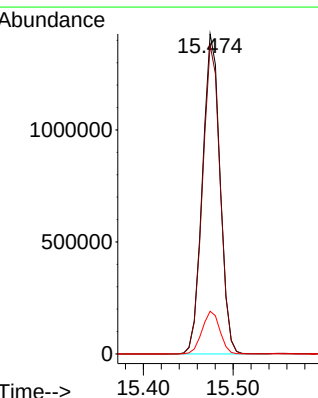
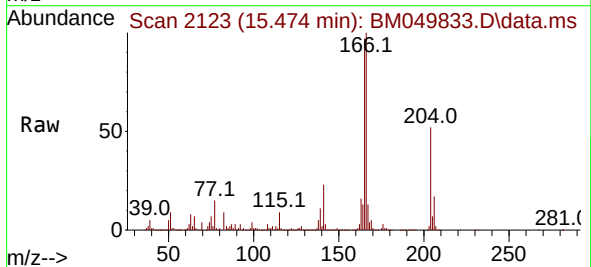
Tgt Ion:166 Resp: 1943112

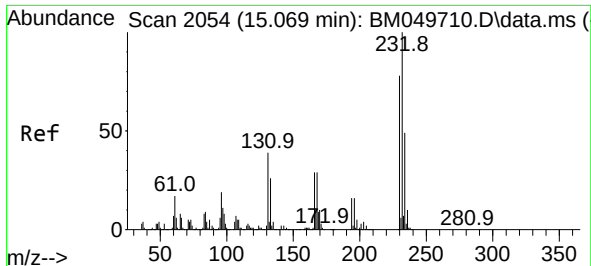
Ion Ratio Lower Upper

166 100

165 96.6 77.5 116.3

167 13.4 10.9 16.3

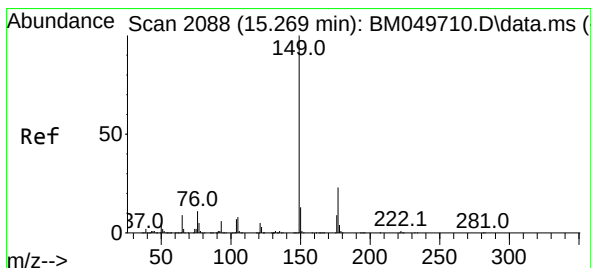
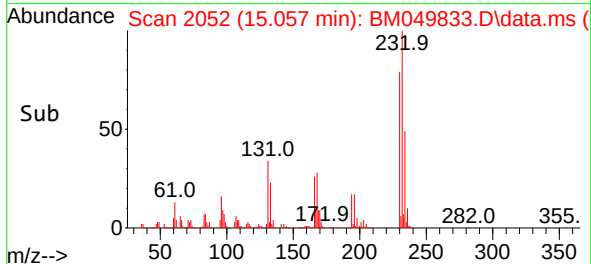
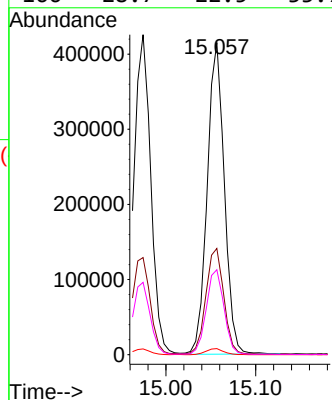
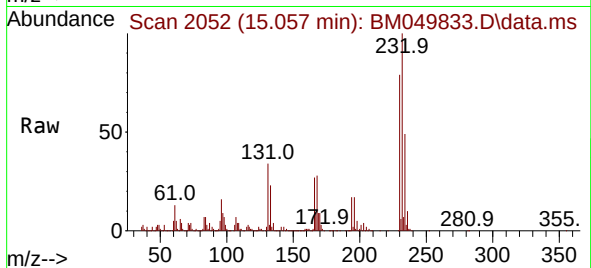




#59
2,3,4,6-Tetrachlorophenol
Concen: 39.724 ng
RT: 15.057 min Scan# 2052
Delta R.T. -0.012 min
Lab File: BM049833.D
Acq: 07 Apr 2025 10:43

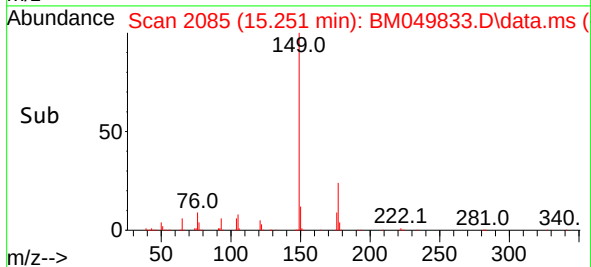
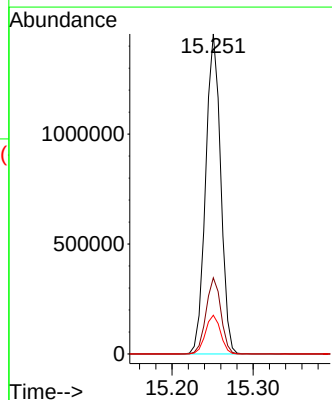
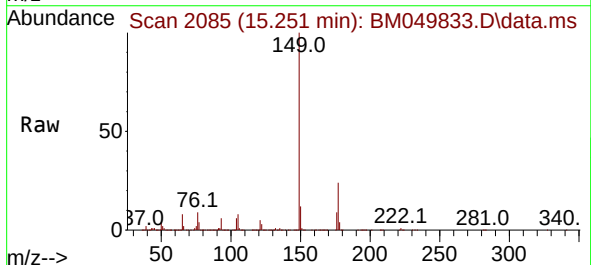
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

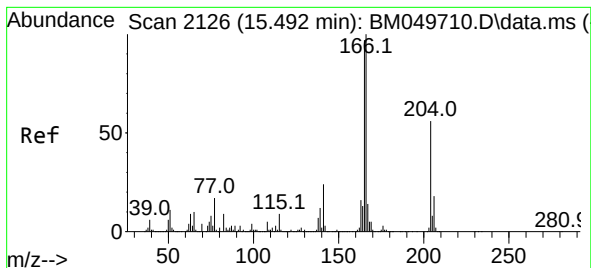
Tgt Ion:232 Resp: 550105
Ion Ratio Lower Upper
232 100
131 36.0 30.0 45.0
130 2.0 1.6 2.4
166 28.7 22.5 33.7



#60
Diethylphthalate
Concen: 39.070 ng
RT: 15.251 min Scan# 2085
Delta R.T. -0.018 min
Lab File: BM049833.D
Acq: 07 Apr 2025 10:43

Tgt Ion:149 Resp: 1866942
Ion Ratio Lower Upper
149 100
177 23.8 18.2 27.2
150 12.1 10.0 15.0

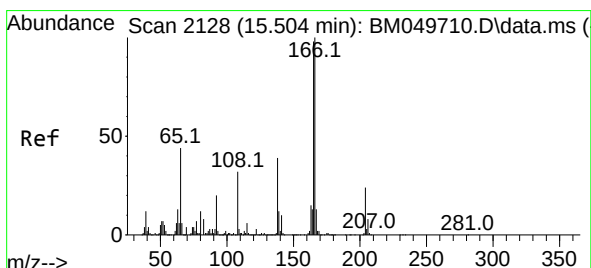
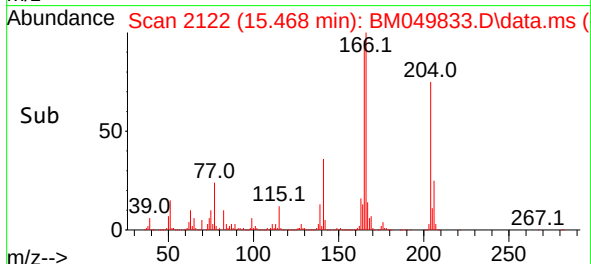
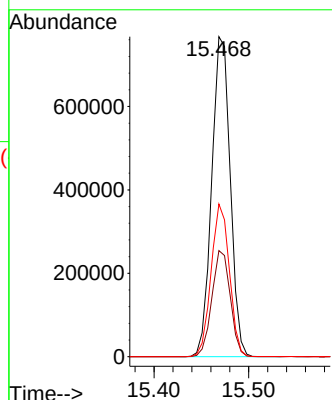
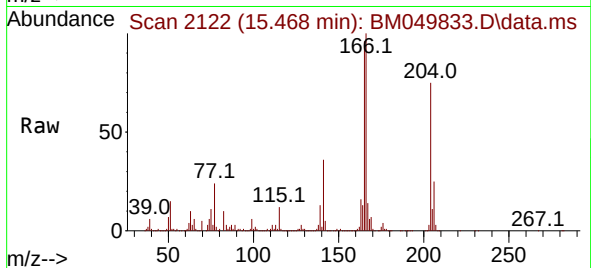




#61
4-Chlorophenyl-phenylether
Concen: 34.638 ng
RT: 15.468 min Scan# 2122
Delta R.T. -0.024 min
Lab File: BM049833.D
Acq: 07 Apr 2025 10:43

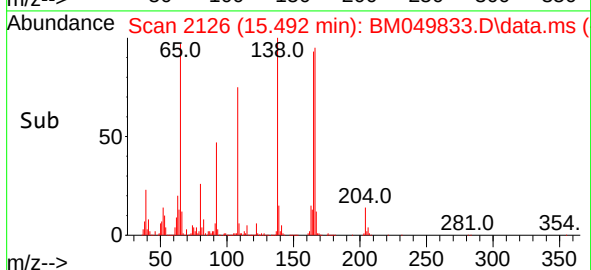
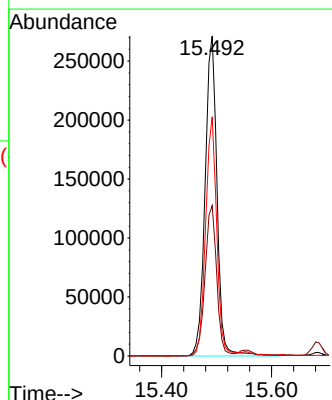
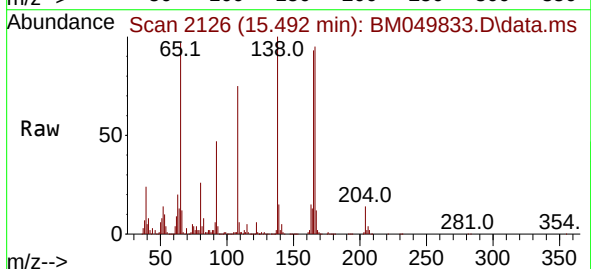
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

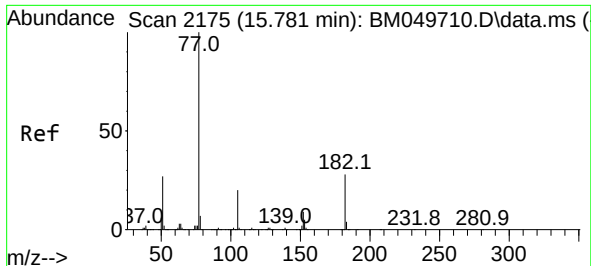
Tgt Ion:204 Resp: 1040083
Ion Ratio Lower Upper
204 100
206 33.1 25.2 37.8
141 47.7 34.5 51.7



#62
4-Nitroaniline
Concen: 36.501 ng
RT: 15.492 min Scan# 2126
Delta R.T. -0.012 min
Lab File: BM049833.D
Acq: 07 Apr 2025 10:43

Tgt Ion:138 Resp: 408897
Ion Ratio Lower Upper
138 100
92 47.0 29.8 69.8
108 74.8 61.3 101.3

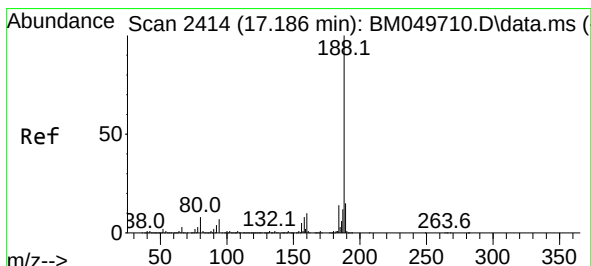
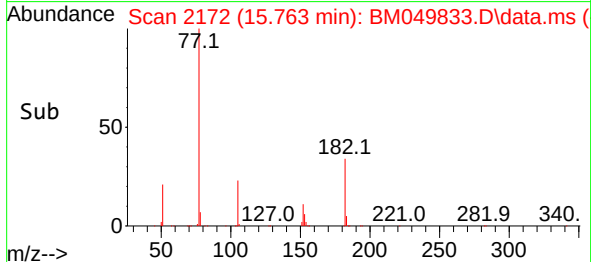
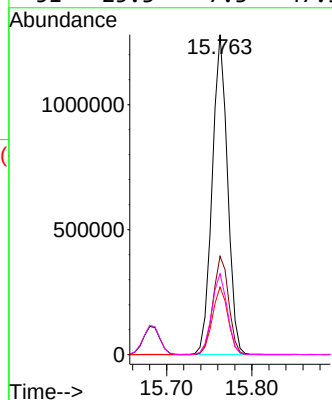
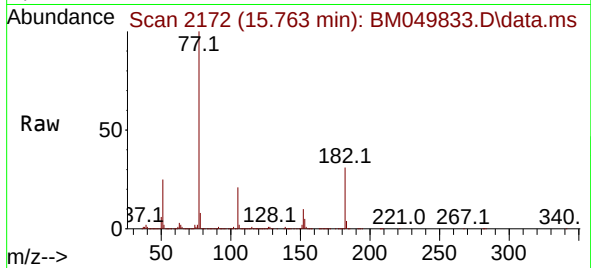




#63
Azobenzene
Concen: 34.992 ng
RT: 15.763 min Scan# 2172
Delta R.T. -0.018 min
Lab File: BM049833.D
Acq: 07 Apr 2025 10:43

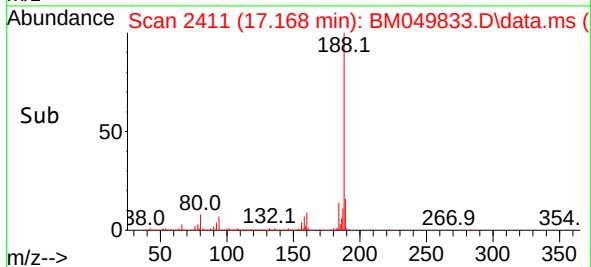
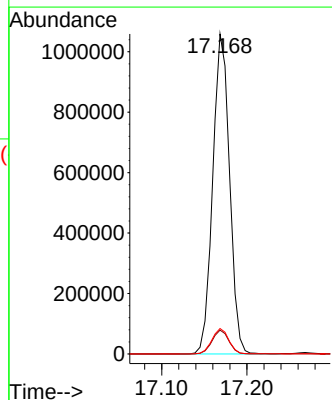
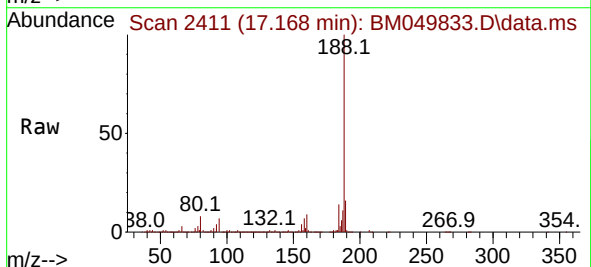
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

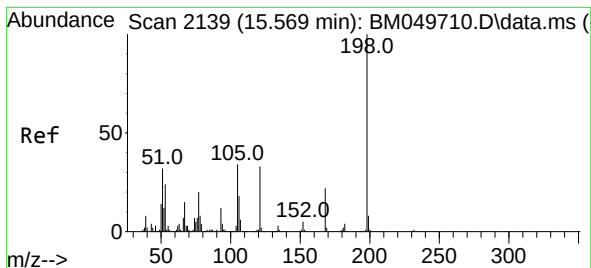
Tgt Ion: 77 Resp: 1597133
Ion Ratio Lower Upper
77 100
182 30.8 8.0 48.0
105 21.1 0.0 40.0
51 25.3 7.3 47.3



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.168 min Scan# 2411
Delta R.T. -0.018 min
Lab File: BM049833.D
Acq: 07 Apr 2025 10:43

Tgt Ion:188 Resp: 1449927
Ion Ratio Lower Upper
188 100
94 7.5 5.8 8.6
80 8.0 6.3 9.5

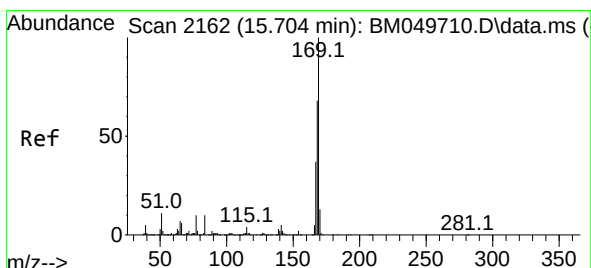
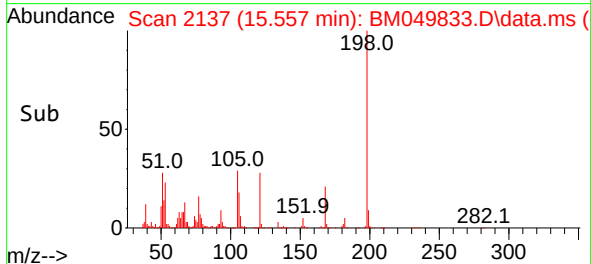
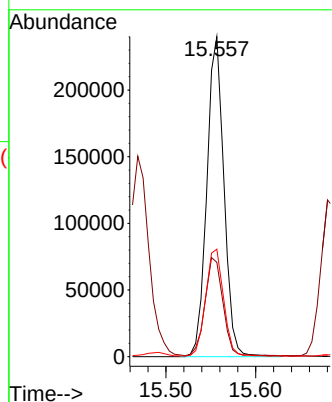
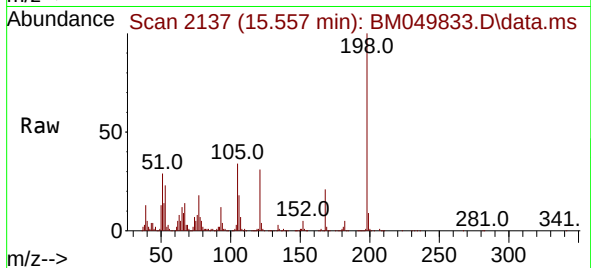




#65
4,6-Dinitro-2-methylphenol
Concen: 41.971 ng
RT: 15.557 min Scan# 2137
Delta R.T. -0.012 min
Lab File: BM049833.D
Acq: 07 Apr 2025 10:43

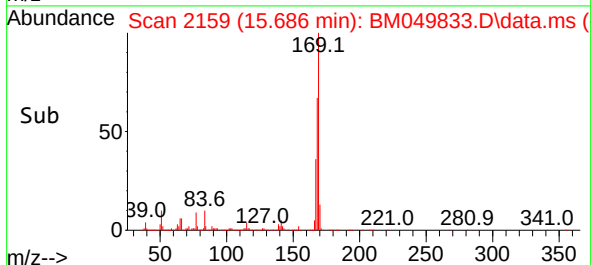
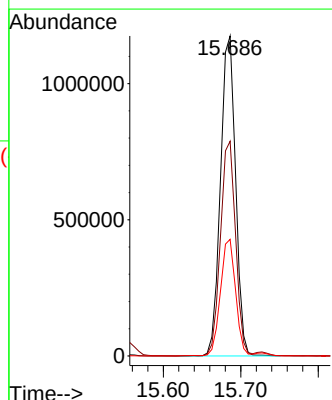
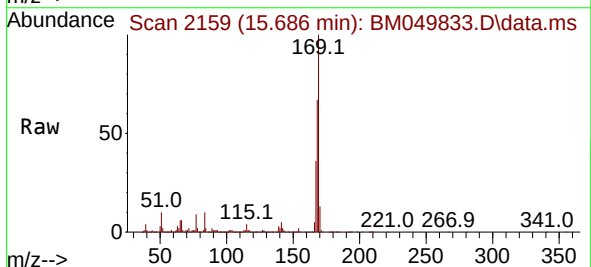
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

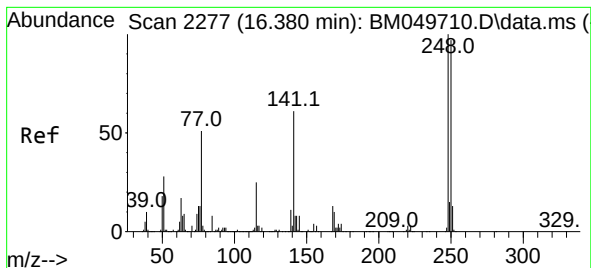
Tgt Ion:198 Resp: 317788
Ion Ratio Lower Upper
198 100
51 29.5 13.8 53.8
105 33.6 14.0 54.0



#66
n-Nitrosodiphenylamine
Concen: 36.203 ng
RT: 15.686 min Scan# 2159
Delta R.T. -0.018 min
Lab File: BM049833.D
Acq: 07 Apr 2025 10:43

Tgt Ion:169 Resp: 1590376
Ion Ratio Lower Upper
169 100
168 67.1 54.8 82.2
167 36.4 29.9 44.9

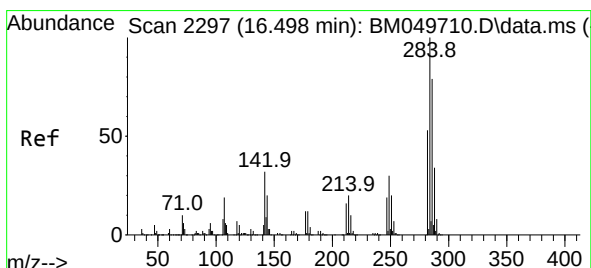
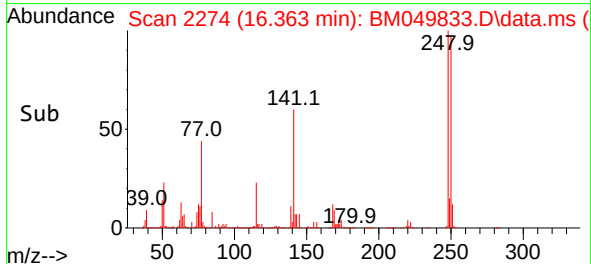
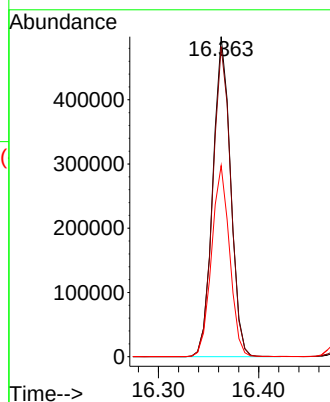
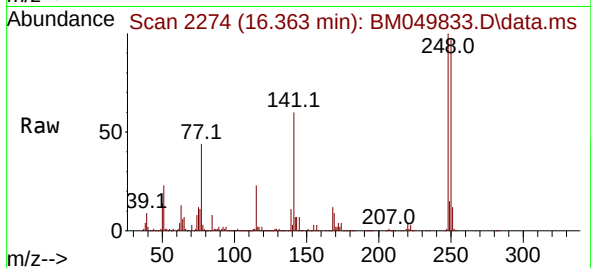




#67
4-Bromophenyl-phenylether
Concen: 36.585 ng
RT: 16.363 min Scan# 21
Delta R.T. -0.018 min
Lab File: BM049833.D
Acq: 07 Apr 2025 10:43

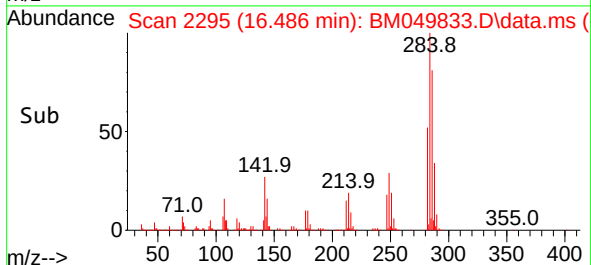
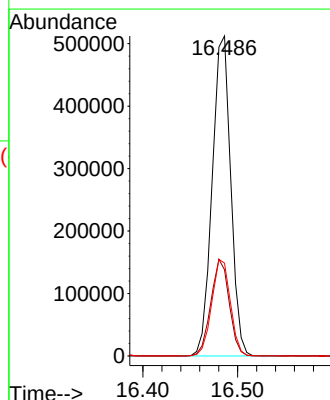
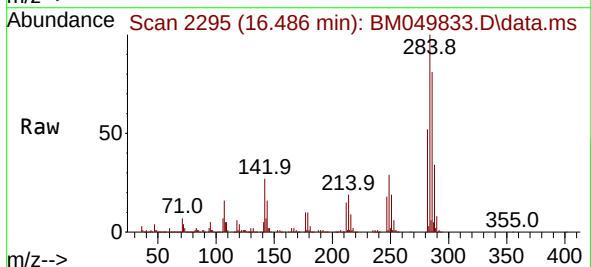
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

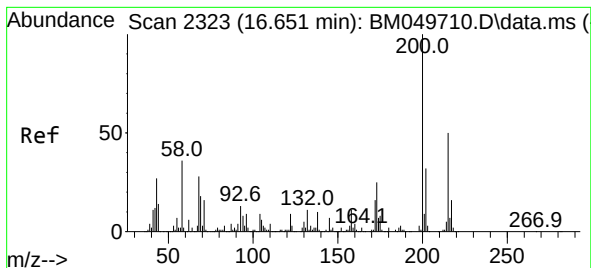
Tgt Ion:248 Resp: 612448
Ion Ratio Lower Upper
248 100
250 96.9 77.9 116.9
141 59.7 48.6 73.0



#68
Hexachlorobenzene
Concen: 36.882 ng
RT: 16.486 min Scan# 2295
Delta R.T. -0.012 min
Lab File: BM049833.D
Acq: 07 Apr 2025 10:43

Tgt Ion:284 Resp: 694307
Ion Ratio Lower Upper
284 100
142 27.0 25.5 38.3
249 29.0 24.2 36.2





#69

Atrazine

Concen: 40.027 ng

RT: 16.633 min Scan# 21

Delta R.T. -0.018 min

Lab File: BM049833.D

Acq: 07 Apr 2025 10:43

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

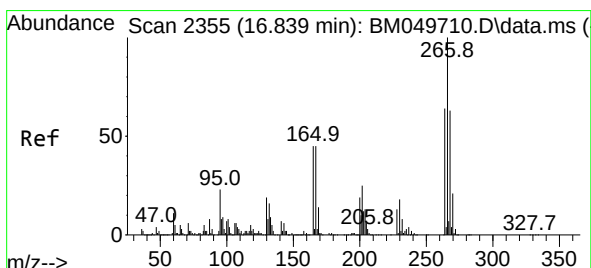
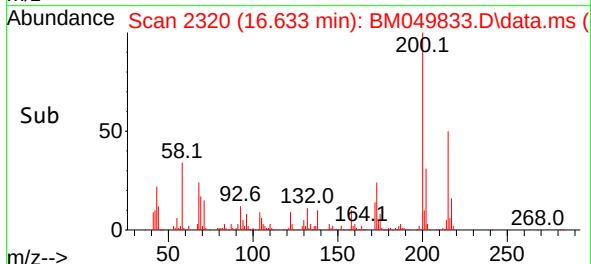
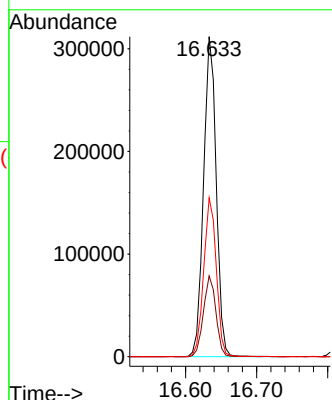
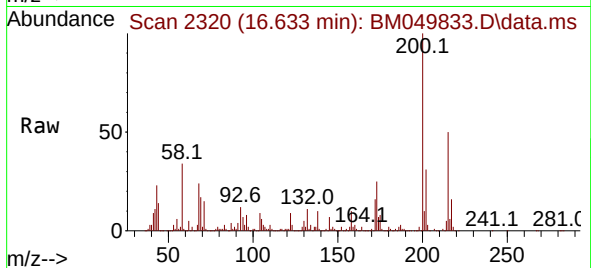
Tgt Ion:200 Resp: 387522

Ion Ratio Lower Upper

200 100

173 25.3 5.4 45.4

215 49.6 29.8 69.8



#70

Pentachlorophenol

Concen: 41.099 ng

RT: 16.827 min Scan# 2353

Delta R.T. -0.012 min

Lab File: BM049833.D

Acq: 07 Apr 2025 10:43

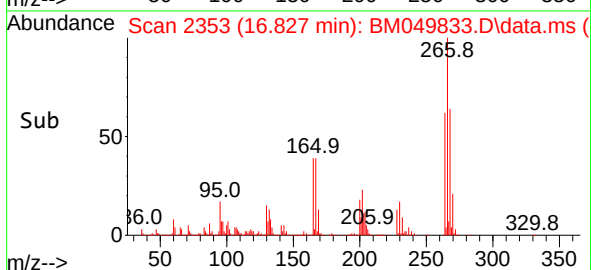
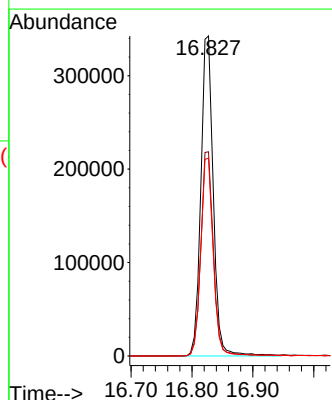
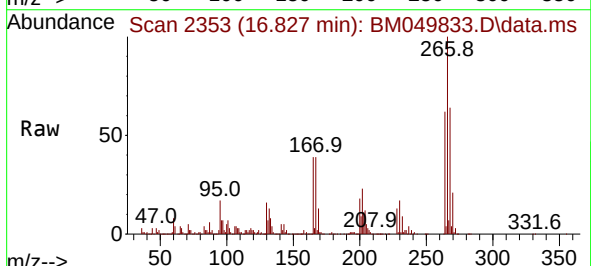
Tgt Ion:266 Resp: 486208

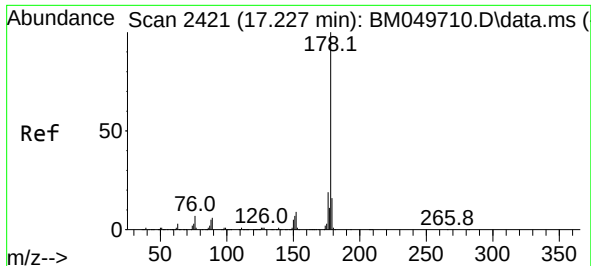
Ion Ratio Lower Upper

266 100

268 63.8 50.2 75.2

264 61.8 51.3 76.9

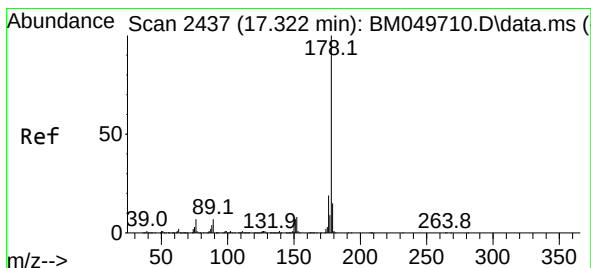
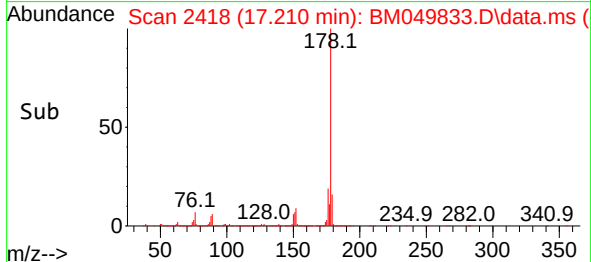
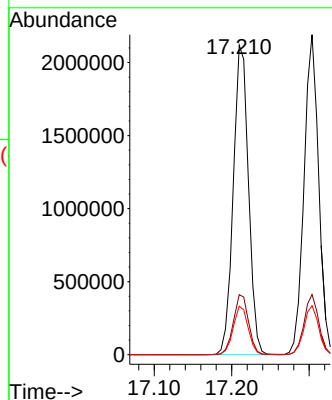
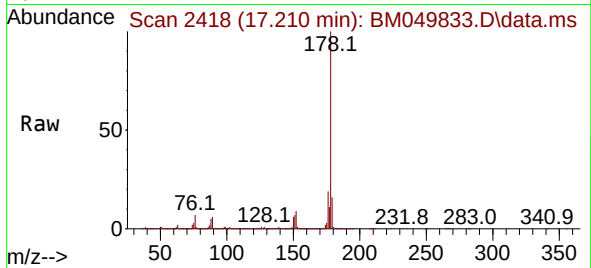




#71
Phenanthrene
Concen: 35.974 ng
RT: 17.210 min Scan# 24
Delta R.T. -0.018 min
Lab File: BM049833.D
Acq: 07 Apr 2025 10:43

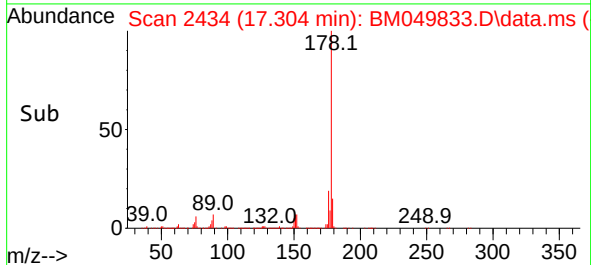
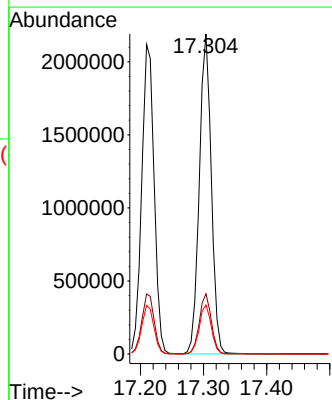
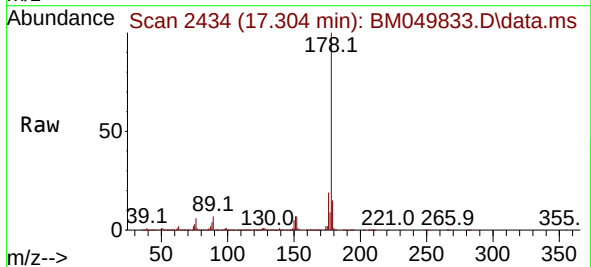
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

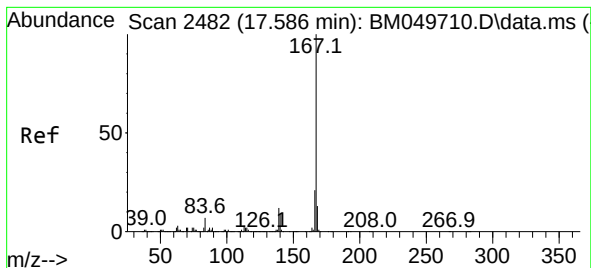
Tgt Ion:178 Resp: 2896338
Ion Ratio Lower Upper
178 100
176 19.4 15.5 23.3
179 15.7 12.5 18.7



#72
Anthracene
Concen: 36.958 ng
RT: 17.304 min Scan# 2434
Delta R.T. -0.018 min
Lab File: BM049833.D
Acq: 07 Apr 2025 10:43

Tgt Ion:178 Resp: 2881649
Ion Ratio Lower Upper
178 100
176 18.8 15.1 22.7
179 15.3 12.4 18.6





#73

Carbazole

Concen: 38.224 ng

RT: 17.574 min Scan# 24

Delta R.T. -0.012 min

Lab File: BM049833.D

Acq: 07 Apr 2025 10:43

Instrument :

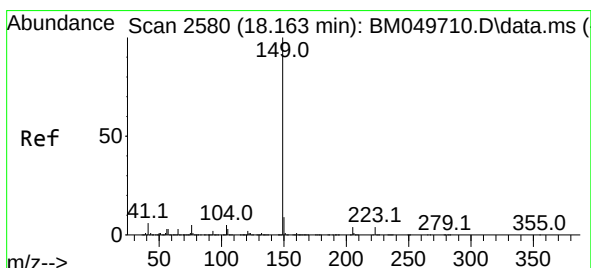
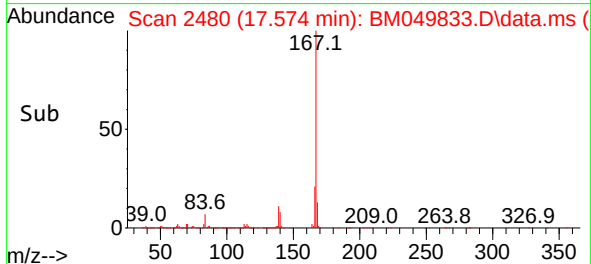
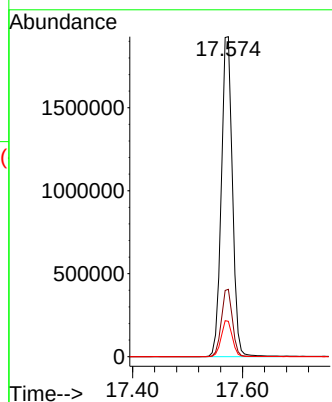
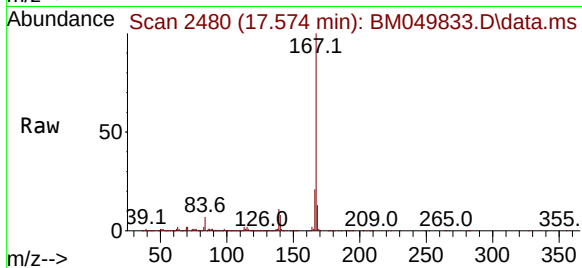
BNA_M

ClientSampleId :

SSTDCCC040

Tgt Ion:167 Resp: 2699142

Ion	Ratio	Lower	Upper
167	100		
166	21.0	17.0	25.6
139	11.0	9.4	14.2



#74

Di-n-butylphthalate

Concen: 41.947 ng

RT: 18.139 min Scan# 2576

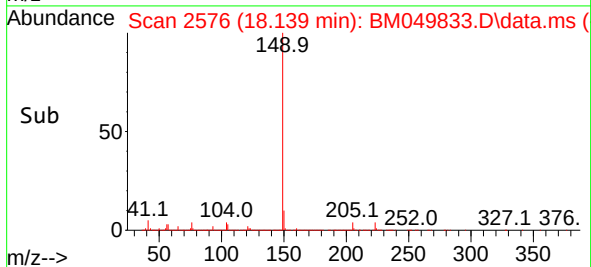
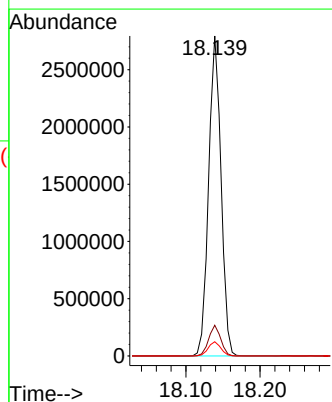
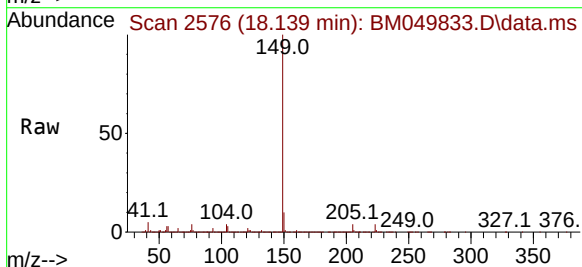
Delta R.T. -0.024 min

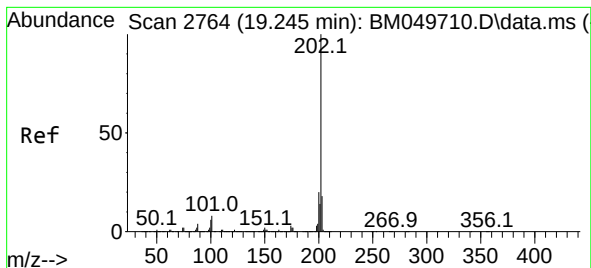
Lab File: BM049833.D

Acq: 07 Apr 2025 10:43

Tgt Ion:149 Resp: 3246507

Ion	Ratio	Lower	Upper
149	100		
150	9.6	7.2	10.8
104	4.5	3.9	5.9





#75

Fluoranthene

Concen: 38.320 ng

RT: 19.227 min Scan# 21

Delta R.T. -0.018 min

Lab File: BM049833.D

Acq: 07 Apr 2025 10:43

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

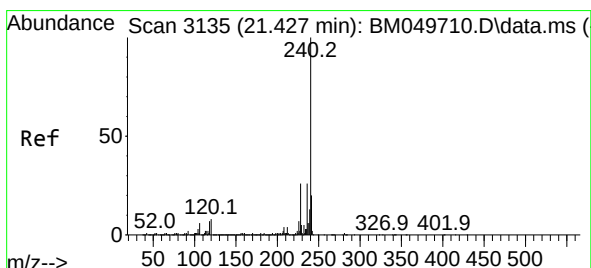
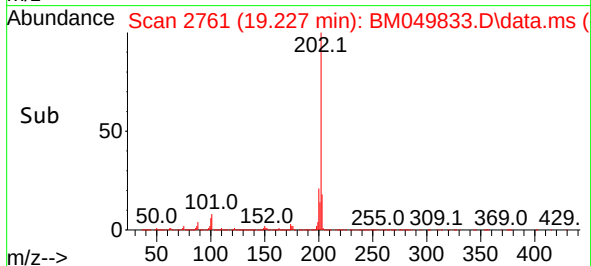
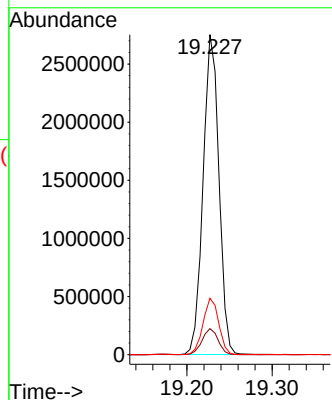
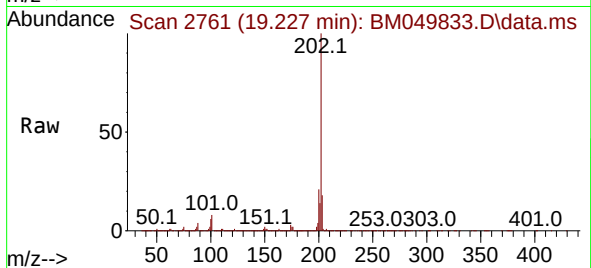
Tgt Ion:202 Resp: 3551985

Ion Ratio Lower Upper

202 100

101 8.1 0.0 27.8

203 17.7 0.0 37.6



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.409 min Scan# 3132

Delta R.T. -0.018 min

Lab File: BM049833.D

Acq: 07 Apr 2025 10:43

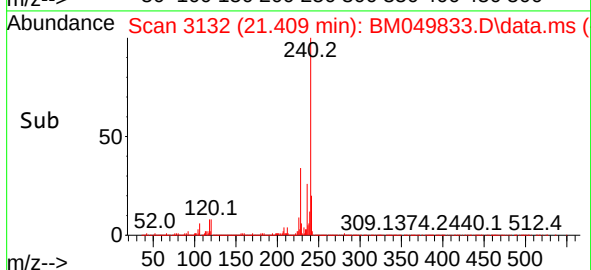
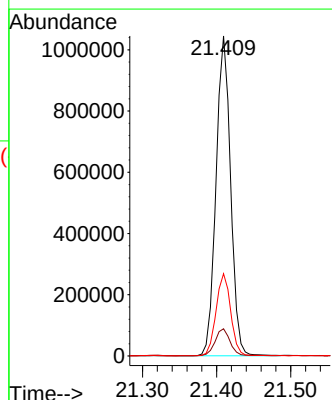
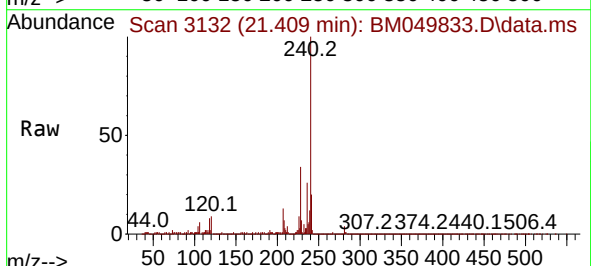
Tgt Ion:240 Resp: 1423468

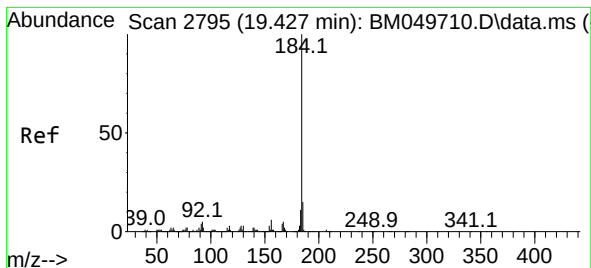
Ion Ratio Lower Upper

240 100

120 8.5 6.5 9.7

236 25.7 20.7 31.1





#77

Benzidine

Concen: 56.120 ng

RT: 19.409 min Scan# 21

Delta R.T. -0.018 min

Lab File: BM049833.D

Acq: 07 Apr 2025 10:43

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

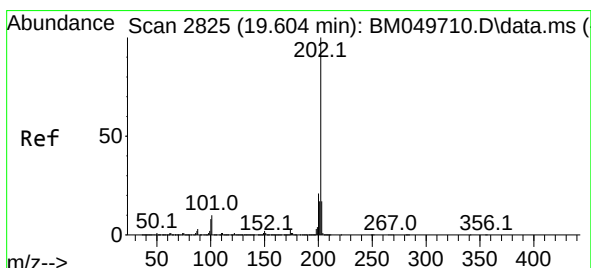
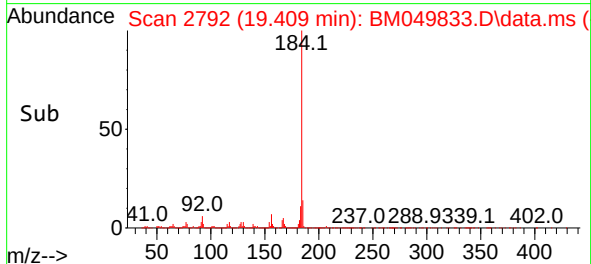
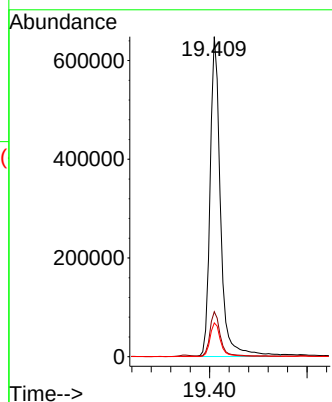
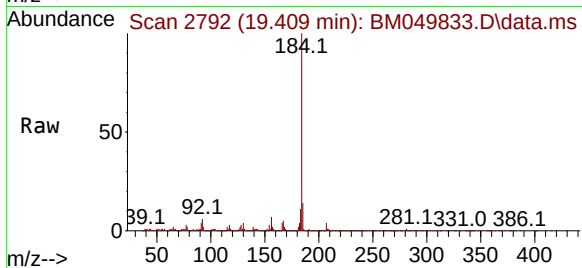
Tgt Ion:184 Resp: 959740

Ion Ratio Lower Upper

184 100

185 14.1 11.7 17.5

183 10.6 8.8 13.2



#78

Pyrene

Concen: 36.885 ng

RT: 19.592 min Scan# 2823

Delta R.T. -0.012 min

Lab File: BM049833.D

Acq: 07 Apr 2025 10:43

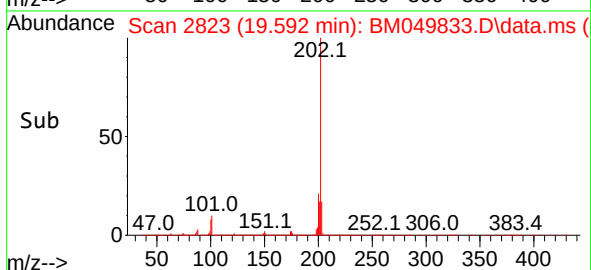
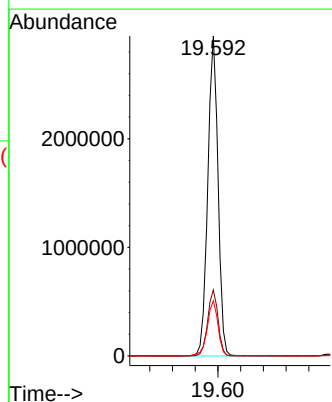
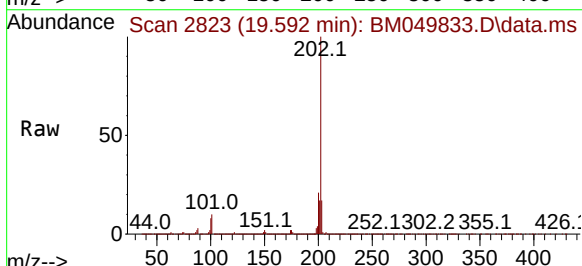
Tgt Ion:202 Resp: 3668315

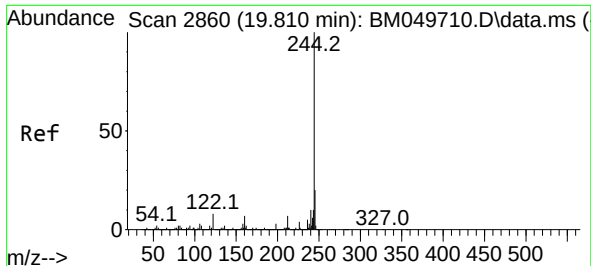
Ion Ratio Lower Upper

202 100

200 20.7 17.0 25.4

203 17.2 14.0 21.0

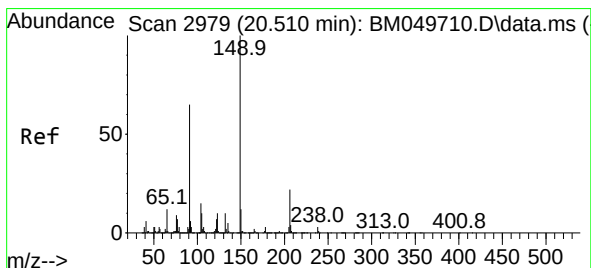
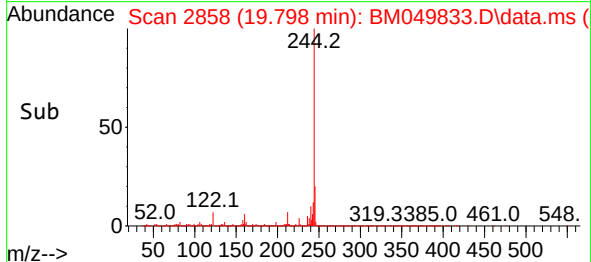
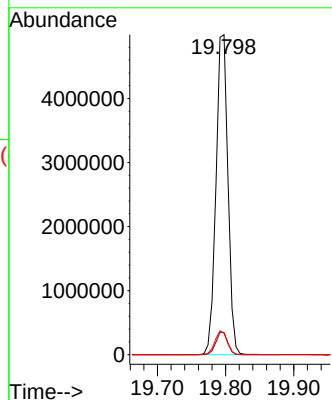
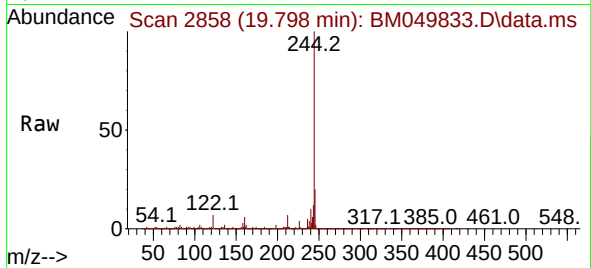




#79
 Terphenyl-d14
 Concen: 72.144 ng
 RT: 19.798 min Scan# 21
 Delta R.T. -0.012 min
 Lab File: BM049833.D
 Acq: 07 Apr 2025 10:43

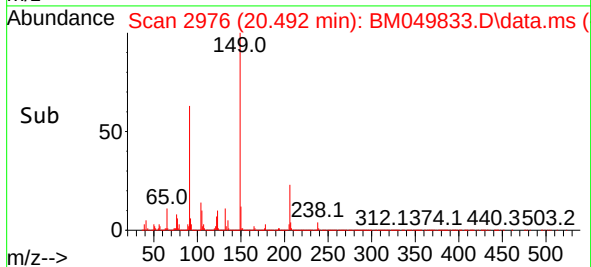
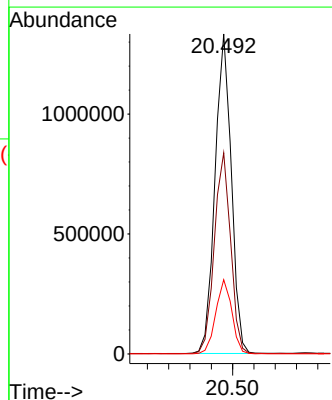
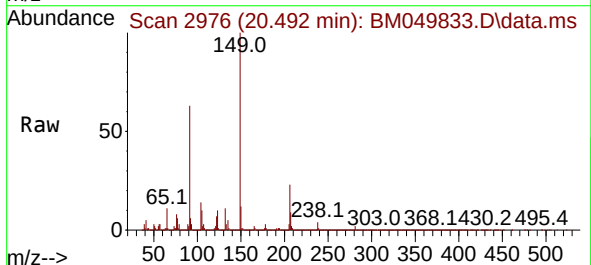
Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC040

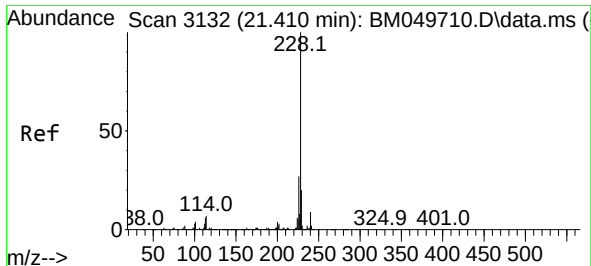
Tgt Ion:244 Resp: 6094220
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.8 8.6
 122 6.7 6.0 9.0



#80
 Butylbenzylphthalate
 Concen: 45.653 ng
 RT: 20.492 min Scan# 2976
 Delta R.T. -0.018 min
 Lab File: BM049833.D
 Acq: 07 Apr 2025 10:43

Tgt Ion:149 Resp: 1409013
 Ion Ratio Lower Upper
 149 100
 91 62.9 52.2 78.4
 206 23.2 17.6 26.4

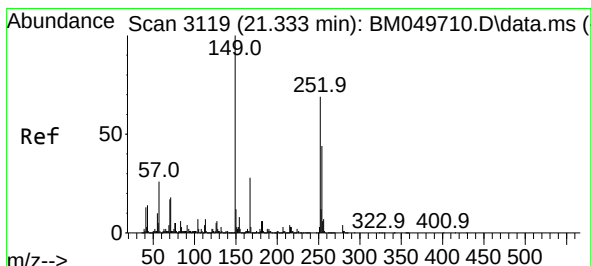
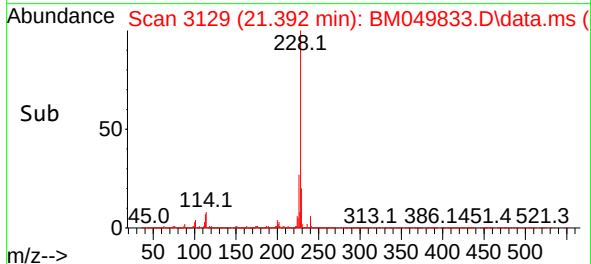
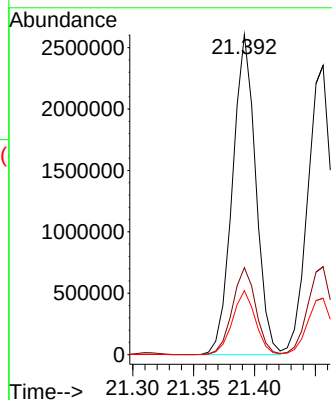
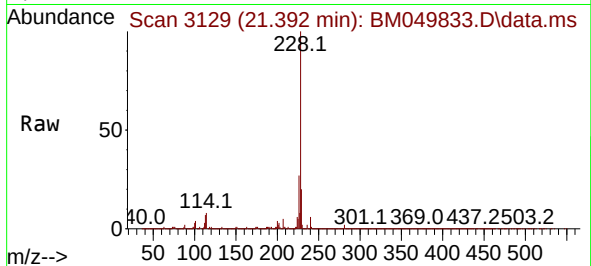




#81
Benzo(a)anthracene
Concen: 36.453 ng
RT: 21.392 min Scan# 3116
Delta R.T. -0.018 min
Lab File: BM049833.D
Acq: 07 Apr 2025 10:43

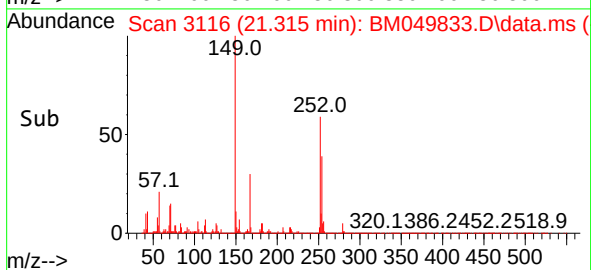
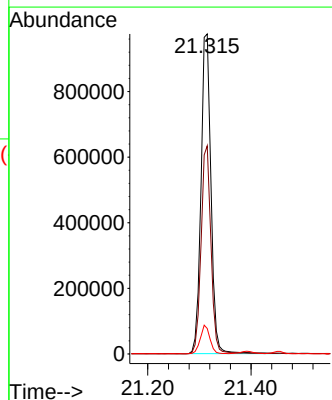
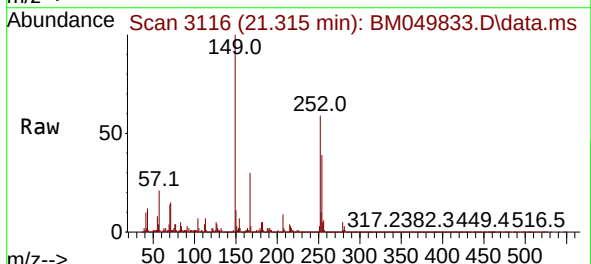
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

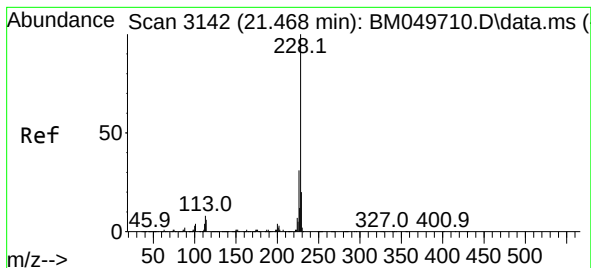
Tgt Ion:228 Resp: 3465927
Ion Ratio Lower Upper
228 100
226 27.2 22.0 33.0
229 20.0 15.8 23.8



#82
3,3'-Dichlorobenzidine
Concen: 42.261 ng
RT: 21.315 min Scan# 3116
Delta R.T. -0.018 min
Lab File: BM049833.D
Acq: 07 Apr 2025 10:43

Tgt Ion:252 Resp: 1308203
Ion Ratio Lower Upper
252 100
254 65.0 51.0 76.4
126 7.9 6.3 9.5





#83

Chrysene

Concen: 36.163 ng

RT: 21.456 min Scan# 3116

Delta R.T. -0.012 min

Lab File: BM049833.D

Acq: 07 Apr 2025 10:43

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

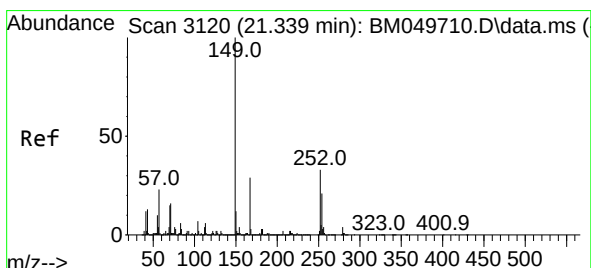
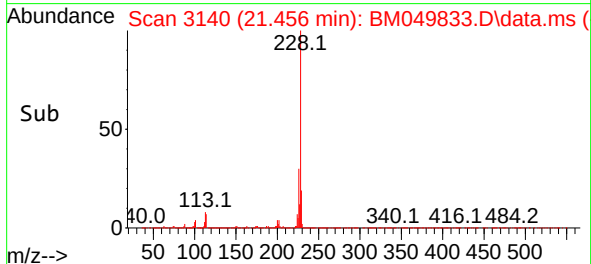
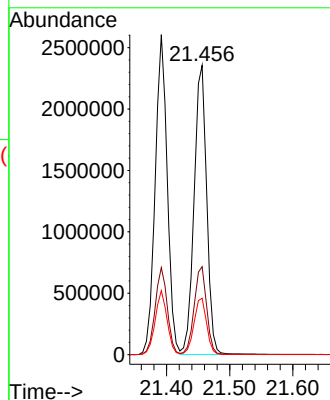
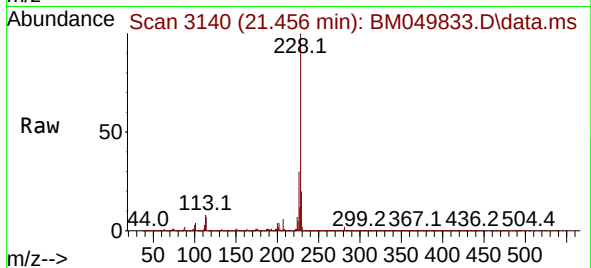
Tgt Ion:228 Resp: 3259283

Ion Ratio Lower Upper

228 100

226 30.4 24.5 36.7

229 19.5 15.8 23.6



#84

Bis(2-ethylhexyl)phthalate

Concen: 43.221 ng

RT: 21.315 min Scan# 3116

Delta R.T. -0.024 min

Lab File: BM049833.D

Acq: 07 Apr 2025 10:43

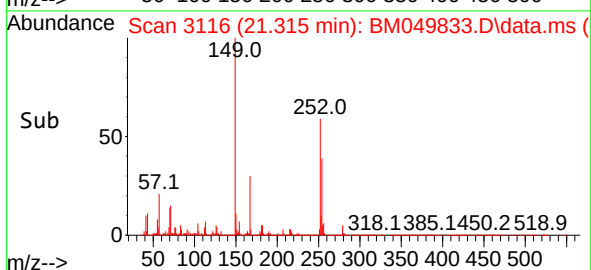
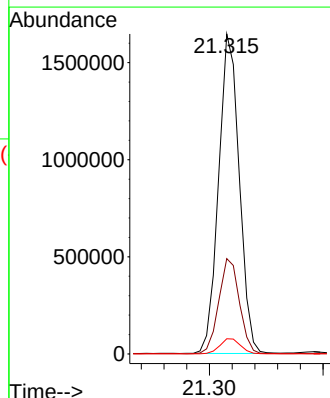
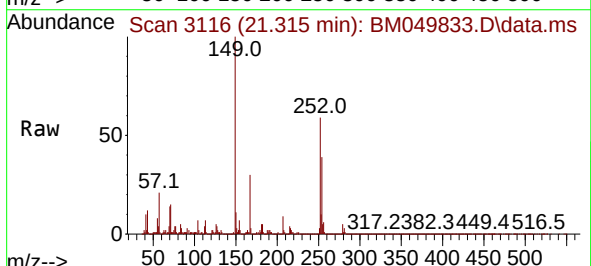
Tgt Ion:149 Resp: 2078932

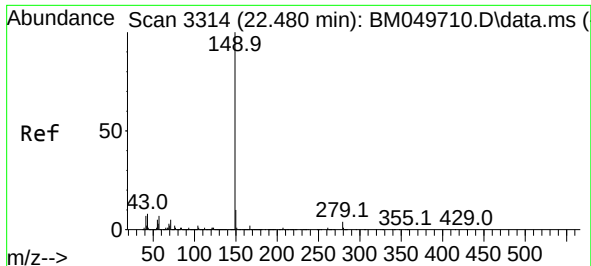
Ion Ratio Lower Upper

149 100

167 29.8 22.9 34.3

279 4.7 3.5 5.3

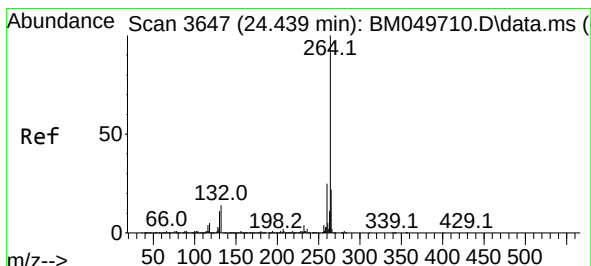
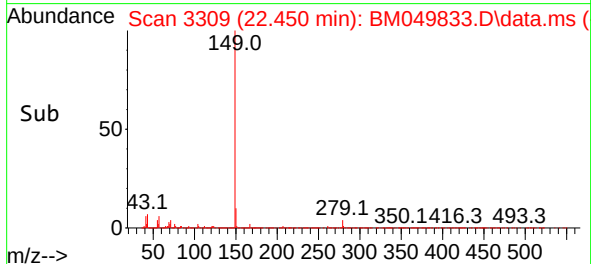
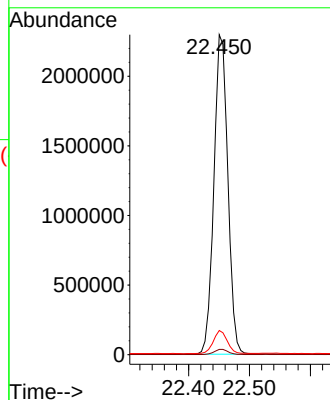
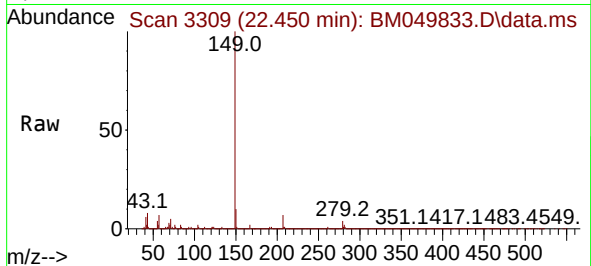




#85
Di-n-octyl phthalate
Concen: 48.859 ng
RT: 22.450 min Scan# 31
Delta R.T. -0.030 min
Lab File: BM049833.D
Acq: 07 Apr 2025 10:43

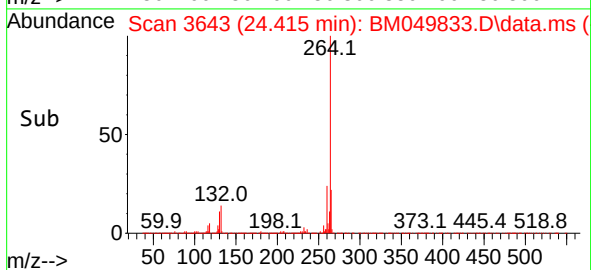
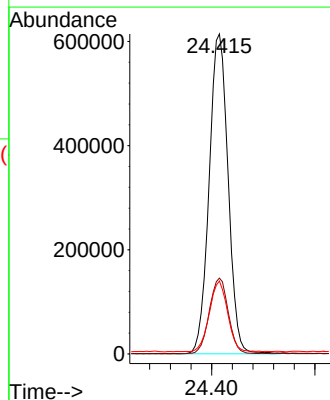
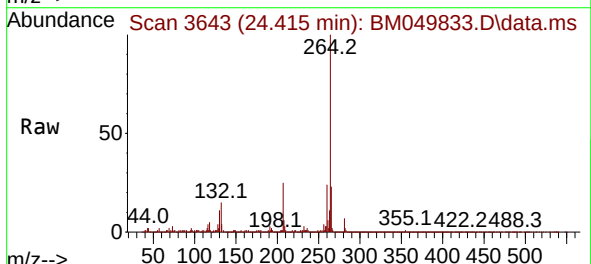
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

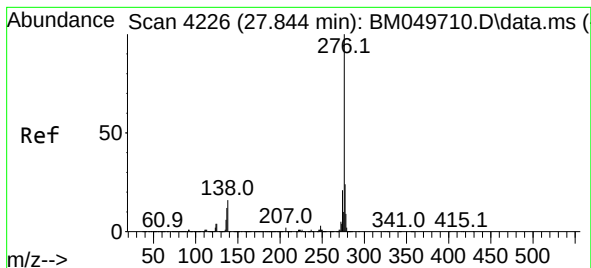
Tgt Ion:149 Resp: 3652709
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 7.3 6.8 10.2



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.415 min Scan# 3643
Delta R.T. -0.024 min
Lab File: BM049833.D
Acq: 07 Apr 2025 10:43

Tgt Ion:264 Resp: 1559768
Ion Ratio Lower Upper
264 100
260 23.7 19.6 29.4
265 22.8 18.2 27.2





#87

Indeno(1,2,3-cd)pyrene

Concen: 36.866 ng

RT: 27.809 min Scan# 41

Delta R.T. -0.036 min

Lab File: BM049833.D

Acq: 07 Apr 2025 10:43

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

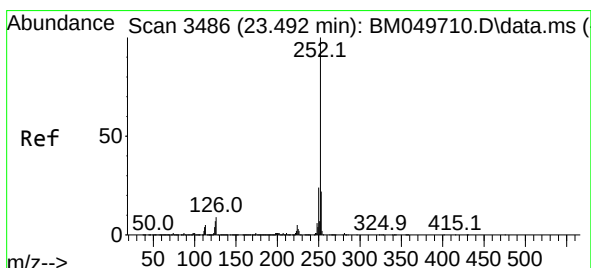
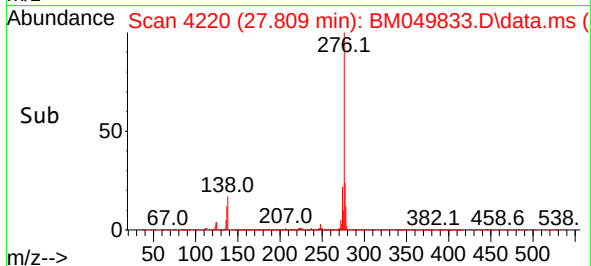
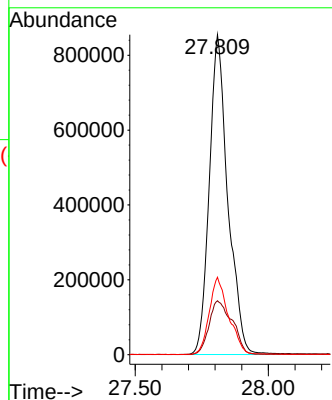
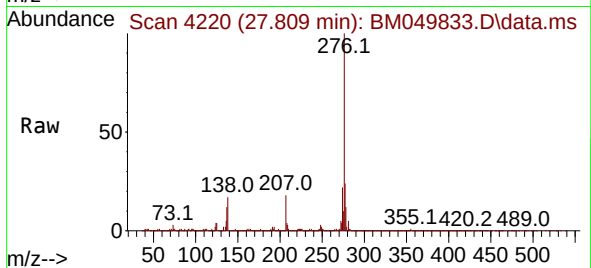
Tgt Ion:276 Resp: 4138776

Ion Ratio Lower Upper

276 100

138 20.9 16.3 24.5

277 25.1 19.9 29.9



#88

Benzo(b)fluoranthene

Concen: 33.977 ng

RT: 23.468 min Scan# 3482

Delta R.T. -0.024 min

Lab File: BM049833.D

Acq: 07 Apr 2025 10:43

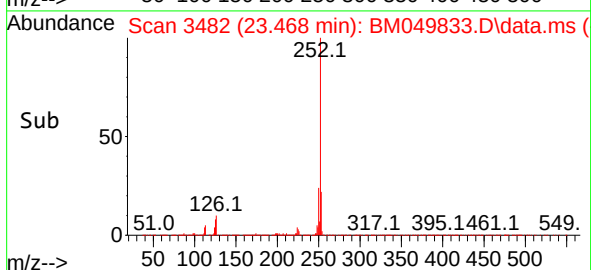
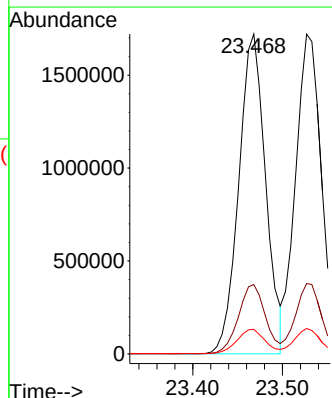
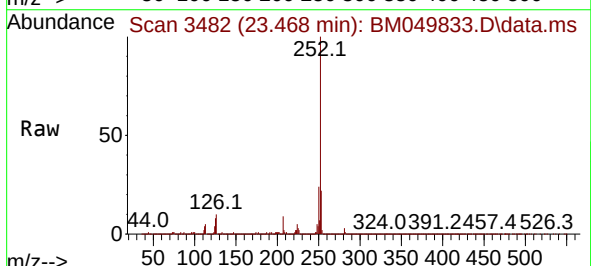
Tgt Ion:252 Resp: 3569472

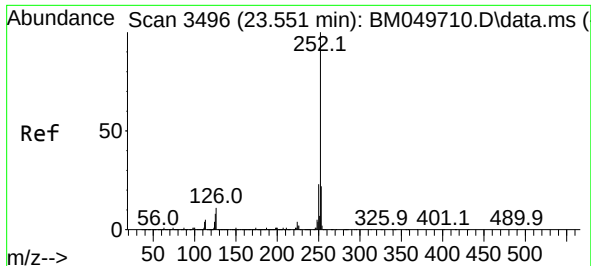
Ion Ratio Lower Upper

252 100

253 21.7 17.4 26.0

125 7.7 5.9 8.9

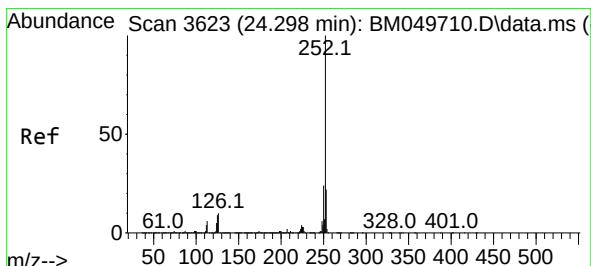
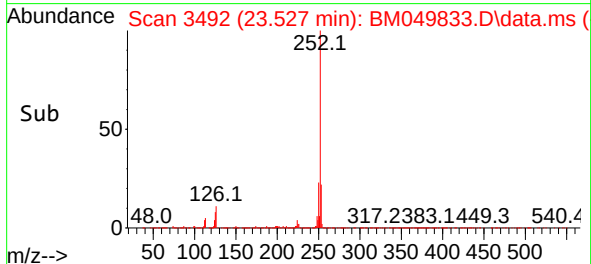
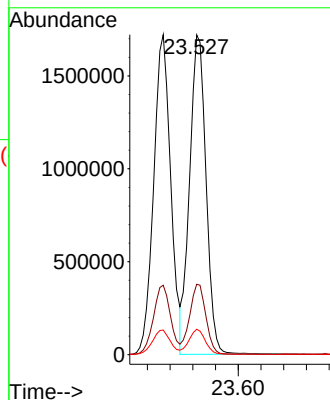
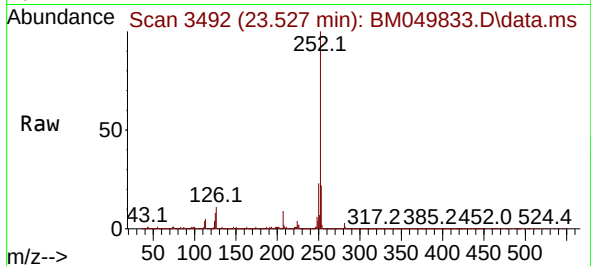




#89
Benzo(k)fluoranthene
Concen: 33.427 ng
RT: 23.527 min Scan# 34
Delta R.T. -0.024 min
Lab File: BM049833.D
Acq: 07 Apr 2025 10:43

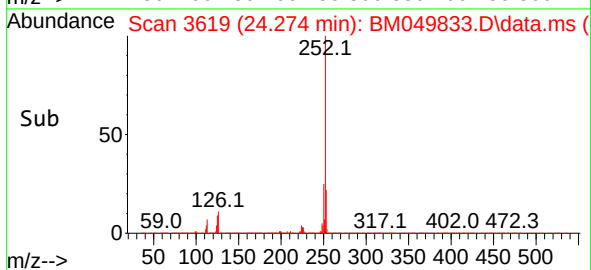
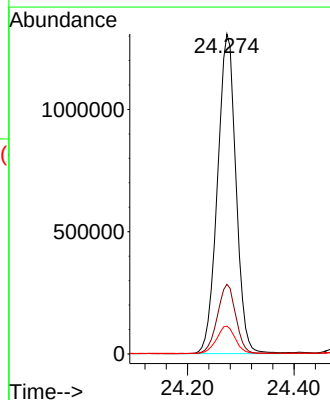
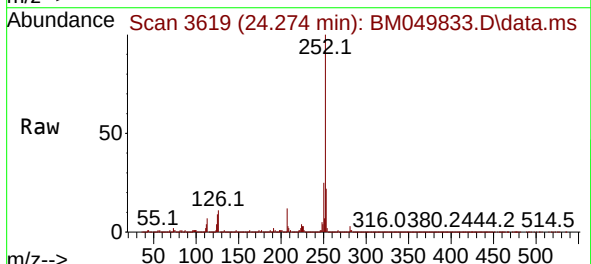
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

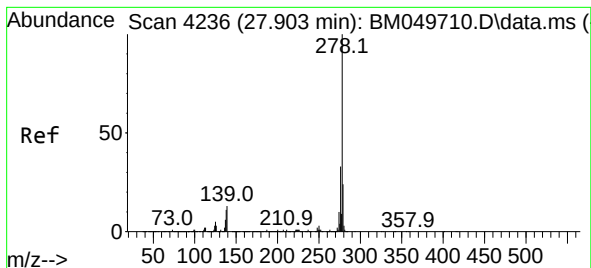
Tgt Ion:252 Resp: 3455420
Ion Ratio Lower Upper
252 100
253 22.0 17.3 25.9
125 8.0 6.2 9.2



#90
Benzo(a)pyrene
Concen: 35.644 ng
RT: 24.274 min Scan# 3619
Delta R.T. -0.024 min
Lab File: BM049833.D
Acq: 07 Apr 2025 10:43

Tgt Ion:252 Resp: 3145352
Ion Ratio Lower Upper
252 100
253 21.8 17.2 25.8
125 8.7 7.0 10.6





#91

Dibenzo(a,h)anthracene

Concen: 36.620 ng

RT: 27.868 min Scan# 41

Delta R.T. -0.036 min

Lab File: BM049833.D

Acq: 07 Apr 2025 10:43

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

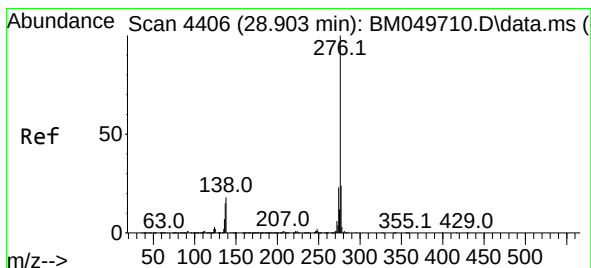
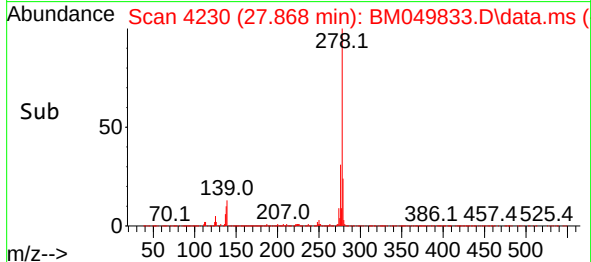
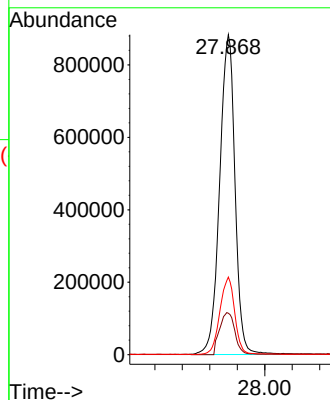
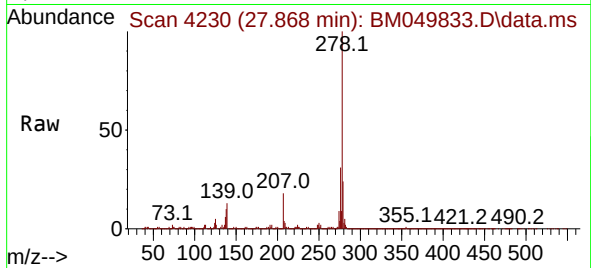
Tgt Ion:278 Resp: 3425258

Ion Ratio Lower Upper

278 100

139 12.9 10.1 15.1

279 24.2 19.1 28.7



#92

Benzo(g,h,i)perylene

Concen: 36.910 ng

RT: 28.868 min Scan# 4400

Delta R.T. -0.036 min

Lab File: BM049833.D

Acq: 07 Apr 2025 10:43

Tgt Ion:276 Resp: 3477506

Ion Ratio Lower Upper

276 100

277 24.0 18.8 28.2

138 17.5 14.0 21.0

