

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101724\
 Data File : BM048111.D
 Acq On : 17 Oct 2024 17:46
 Operator : RC/JU
 Sample : PB164148BS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS148

Quant Time: Oct 17 18:40:00 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM101724.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Oct 17 15:44:59 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.769	152	233025	20.000	ng/u1	0.00
20) Naphthalene-d8	10.563	136	904780	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.410	164	540619	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.151	188	1035509	20.000	ng/u1	0.00
79) Chrysene-d12	21.374	240	905597	20.000	ng/u1	0.00
88) Perylene-d12	24.362	264	1036245	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.234	96	41728	6.800	ng/uL	0.00
4) Pyridine-d5	3.646	84	552267	33.446	ng/u1	0.00
7) Phenol-d5	6.951	99	658556	34.889	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.104	67	394562	35.190	ng/u1	0.00
11) 2-Chlorophenol-d4	7.310	132	569084	34.857	ng/u1	0.00
15) 4-Methylphenol-d8	8.486	113	515694	35.103	ng/u1	0.00
21) Nitrobenzene-d5	8.928	128	270101	35.376	ng/u1	0.00
24) 2-Nitrophenol-d4	9.645	143	302294	35.779	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.186	165	526166	35.360	ng/u1	0.00
31) 4-Chloroaniline-d4	10.698	131	677799	34.802	ng/u1	0.00
46) Dimethylphthalate-d6	13.815	166	1402283	35.713	ng/u1	0.00
49) Acenaphthylene-d8	14.104	160	1640451	35.137	ng/u1	0.00
54) 4-Nitrophenol-d4	14.621	143	264101	36.390	ng/u1	0.00
60) Fluorene-d10	15.398	176	1179704	35.191	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.527	200	244855	36.558	ng/u1	0.00
73) Anthracene-d10	17.245	188	1772212	36.086	ng/u1	0.00
81) Pyrene-d10	19.539	212	1964504	35.500	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.162	264	1985131	35.867	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.269	88	88049	13.701	ng/uL	98
5) Pyridine	3.669	79	585234	34.687	ng/u1	97
6) Benzaldehyde	6.916	77	330227	37.805	ng/u1	99
8) Phenol	6.975	94	711260	36.633	ng/u1	97
10) Bis(2-Chloroethyl)ether	7.198	93	567109	36.393	ng/u1	98
12) 2-Chlorophenol	7.339	128	601091	36.540	ng/u1	98
13) 2-Methylphenol	8.222	108	537800	36.617	ng/u1	100
14) 2,2'-oxybis(1-Chloropr...	8.292	45	812473	36.936	ng/u1	100
16) Acetophenone	8.592	105	838658	37.226	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.581	70	393357	36.876	ng/u1	98
18) 4-Methylphenol	8.551	108	584719	37.004	ng/u1	96
19) Hexachloroethane	8.845	117	255040	36.471	ng/u1	99
22) Nitrobenzene	8.969	77	613507	37.134	ng/u1	98
23) Isophorone	9.498	82	1164598	36.859	ng/u1	99
25) 2-Nitrophenol	9.680	139	334926	37.174	ng/u1	99
26) 2,4-Dimethylphenol	9.745	107	533838	34.014	ng/u1	97
27) Bis(2-Chloroethoxy)met...	9.975	93	720990	36.423	ng/u1	99
29) 2,4-Dichlorophenol	10.216	162	547519	36.732	ng/u1	99
30) Naphthalene	10.610	128	1822735	36.444	ng/u1	100
32) 4-Chloroaniline	10.722	127	543791	28.954	ng/u1	99
33) Hexachlorobutadiene	10.898	225	356597	36.194	ng/u1	98
34) Caprolactam	11.504	113	171613	37.223	ng/u1	98
35) 4-Chloro-3-methylphenol	11.857	107	536177	37.420	ng/u1	99
36) 2-Methylnaphthalene	12.227	142	1186937	36.464	ng/u1	99

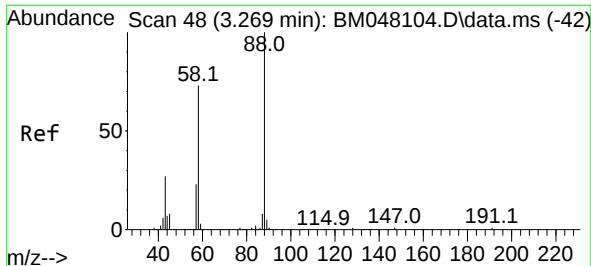
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 Quant Title : SVOA CALIBRATION
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.445	142	1187967	36.237	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.598	216	634498	36.022	ng/ul	99
40) Hexachlorocyclopentadiene	12.574	237	348400	35.346	ng/ul	99
41) 2,4,6-Trichlorophenol	12.839	196	406707	35.110	ng/ul	99
42) 2,4,5-Trichlorophenol	12.916	196	442818	36.301	ng/ul	99
43) 1,1'-Biphenyl	13.239	154	1514739	36.279	ng/ul	99
44) 2-Chloronaphthalene	13.280	162	1200857	36.271	ng/ul	100
45) 2-Nitroaniline	13.486	65	328419	38.166	ng/ul	99
47) Dimethylphthalate	13.863	163	1445409	36.607	ng/ul	100
48) 2,6-Dinitrotoluene	13.986	165	302070	38.522	ng/ul	97
50) Acenaphthylene	14.127	152	1865529	36.937	ng/ul	99
51) 3-Nitroaniline	14.315	138	309738	37.868	ng/ul	96
52) Acenaphthene	14.474	153	1250872	35.796	ng/ul	99
53) 2,4-Dinitrophenol	14.527	184	188258	36.387	ng/ul	97
55) 4-Nitrophenol	14.639	109	188526	37.337	ng/ul	93
56) Dibenzofuran	14.810	168	1748880	36.581	ng/ul	99
57) 2,4-Dinitrotoluene	14.774	165	432915	38.863	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	15.039	232	338320	34.381	ng/ul	99
59) Diethylphthalate	15.227	149	1450165	37.035	ng/ul	100
61) Fluorene	15.457	166	1360378	36.407	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.451	204	682790	36.743	ng/ul	99
63) 4-Nitroaniline	15.480	138	316258	44.644	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.539	198	273679	37.985	ng/ul	99
67) N-Nitrosodiphenylamine	15.662	169	1161055	37.284	ng/ul	98
68) 4-Bromophenyl-phenylether	16.339	248	420268	37.409	ng/ul	99
69) Hexachlorobenzene	16.462	284	491846	37.044	ng/ul	98
70) Atrazine	16.615	200	254759	24.376	ng/ul	97
71) Pentachlorophenol	16.804	266	292544	34.174	ng/ul	97
72) Phenanthrene	17.192	178	2104492	37.152	ng/ul	100
74) Anthracene	17.280	178	2138441	37.621	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.204	216	609096	34.991	ng/ul	97
76) Pentachlorobenzene	14.733	250	585039	34.514	ng/ul	99
77) Carbazole	17.551	167	1947661	38.682	ng/ul	100
78) Di-n-butylphthalate	18.109	149	2492817	37.590	ng/ul	100
80) Fluoranthene	19.203	202	2382664	37.006	ng/ul	100
82) Pyrene	19.568	202	2541742	37.059	ng/ul	98
83) Butylbenzylphthalate	20.456	149	1116874	37.484	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.280	252	789838	39.106	ng/ul	99
85) Benzo(a)anthracene	21.356	228	2430913	36.918	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.274	149	1608022	37.333	ng/ul	99
87) Chrysene	21.415	228	2302023	37.098	ng/ul	100
89) Di-n-octyl phthalate	22.397	149	2842764	38.020	ng/ul	100
90) Benzo(b)fluoranthene	23.421	252	2492975	38.194	ng/ul	99
91) Benzo(k)fluoranthene	23.480	252	2407668	37.037	ng/ul	100
93) Benzo(a)pyrene	24.221	252	2222065	36.570	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	27.726	276	2950859	37.461	ng/ul	100
95) Dibenzo(a,h)anthracene	27.779	278	2413690	37.925	ng/ul	99
96) Benzo(g,h,i)perylene	28.785	276	2293626	37.414	ng/ul	99

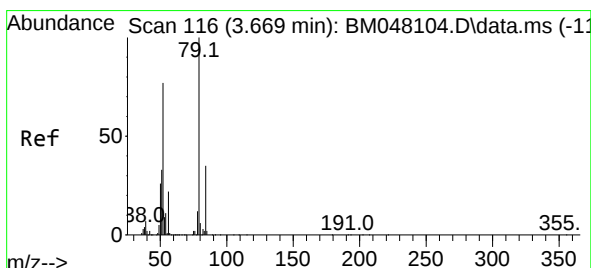
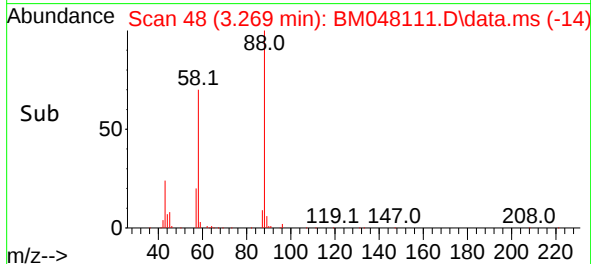
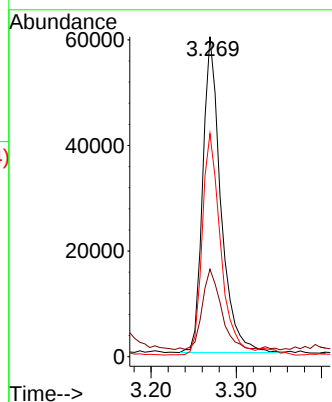
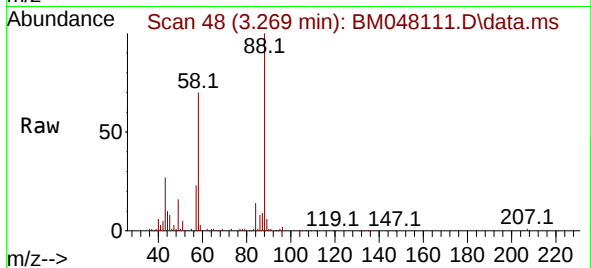
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#2
1,4-Dioxane
Concen: 13.701 ng/uL
RT: 3.269 min Scan# 48
Delta R.T. -0.000 min
Lab File: BM048111.D
Acq: 17 Oct 2024 17:46

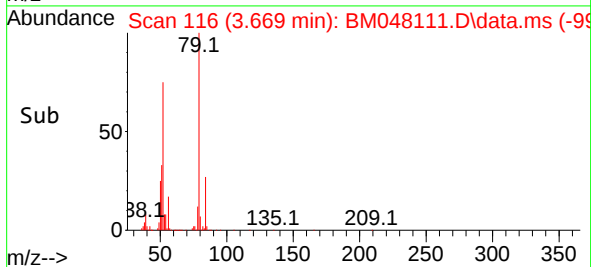
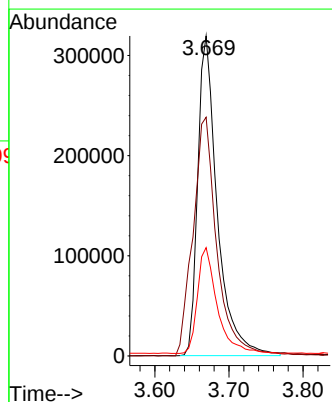
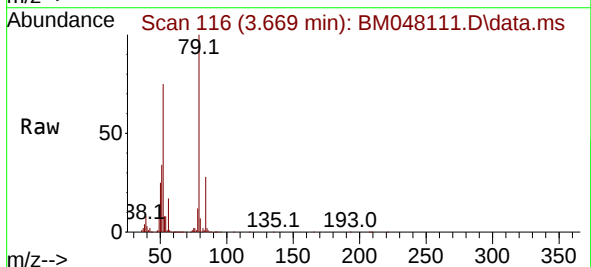
Instrument :
BNA_M
ClientSampleId :
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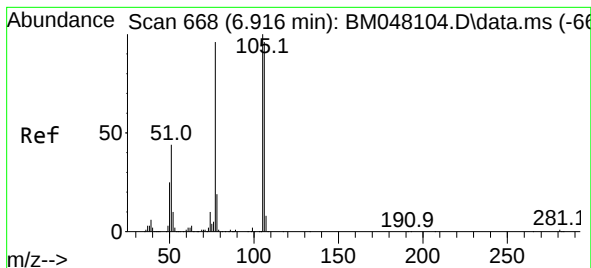
Tgt Ion: 88 Resp: 88049
Ion Ratio Lower Upper
88 100
43 27.3 22.5 33.7
58 69.8 57.2 85.8



#5
Pyridine
Concen: 34.687 ng/uL
RT: 3.669 min Scan# 116
Delta R.T. -0.000 min
Lab File: BM048111.D
Acq: 17 Oct 2024 17:46

Tgt Ion: 79 Resp: 585234
Ion Ratio Lower Upper
79 100
52 74.6 62.6 93.8
51 33.9 27.4 41.0





#6

Benzaldehyde

Concen: 37.805 ng/ul

RT: 6.916 min Scan# 668

Delta R.T. -0.000 min

Lab File: BM048111.D

Acq: 17 Oct 2024 17:46

Instrument :

BNA_M

ClientSampleId :

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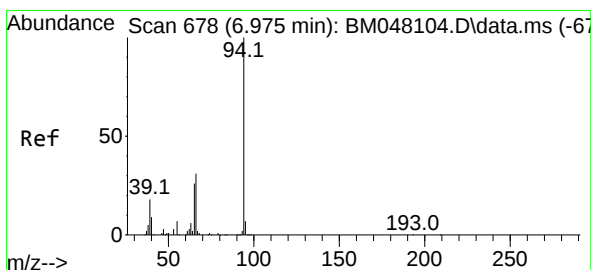
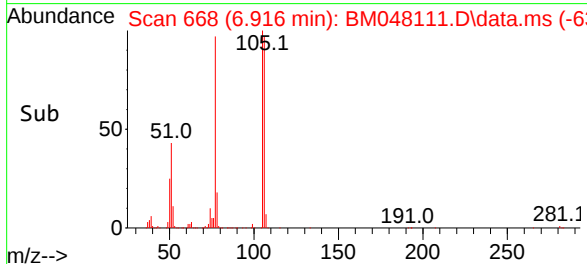
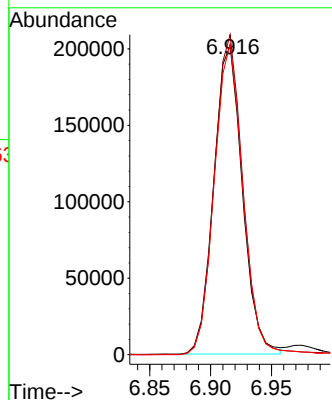
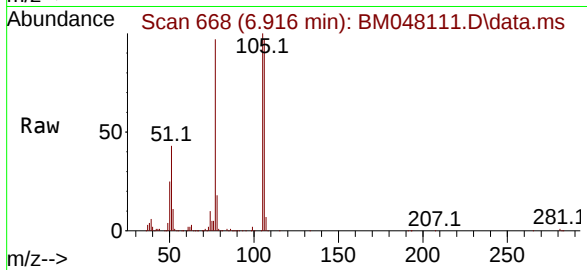
Tgt Ion: 77 Resp: 330227

Ion Ratio Lower Upper

77 100

105 103.4 83.0 124.4

106 100.5 79.3 118.9



#8

Phenol

Concen: 36.633 ng/ul

RT: 6.975 min Scan# 678

Delta R.T. -0.000 min

Lab File: BM048111.D

Acq: 17 Oct 2024 17:46

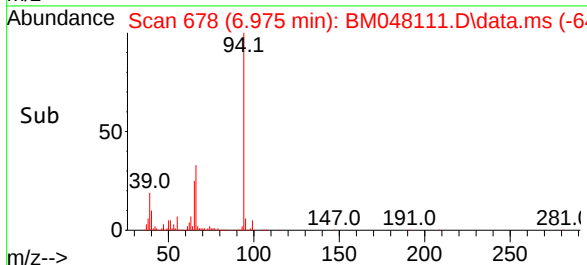
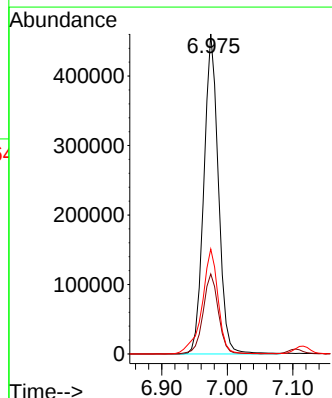
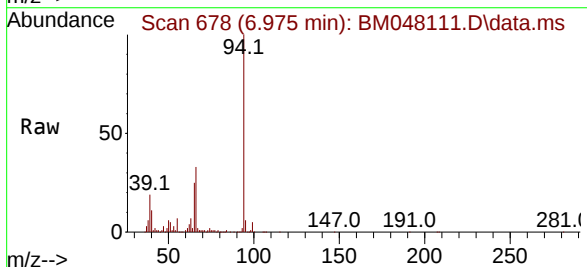
Tgt Ion: 94 Resp: 711260

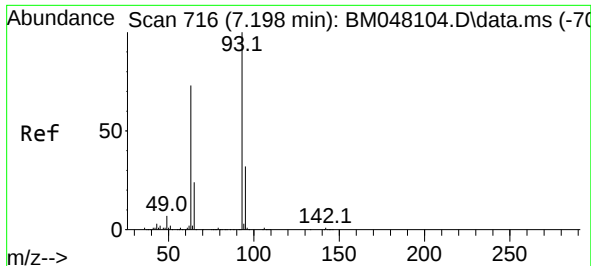
Ion Ratio Lower Upper

94 100

65 25.0 21.0 31.4

66 32.8 25.0 37.6

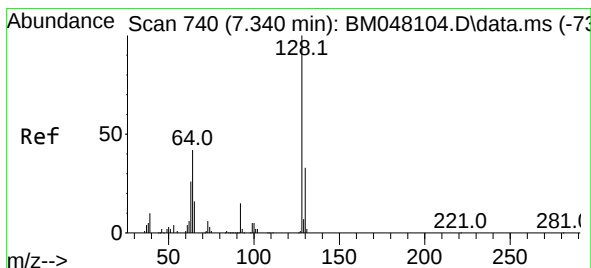
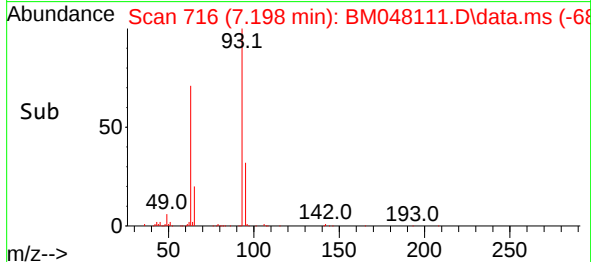
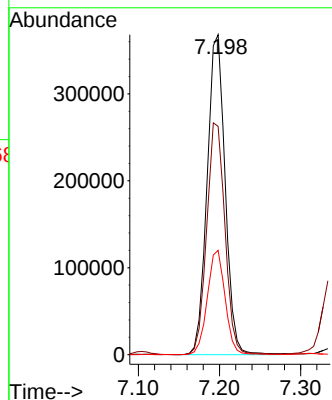
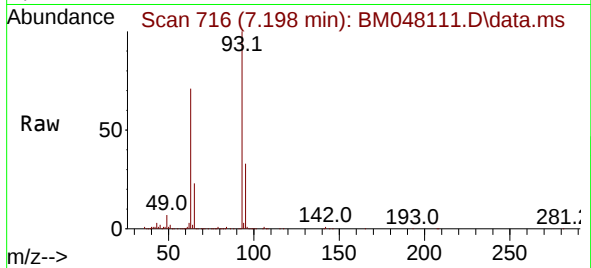




#10
Bis(2-Chloroethyl)ether
Concen: 36.393 ng/ul
RT: 7.198 min Scan# 716
Delta R.T. -0.000 min
Lab File: BM048111.D
Acq: 17 Oct 2024 17:46

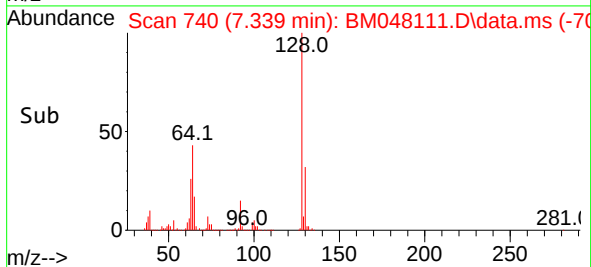
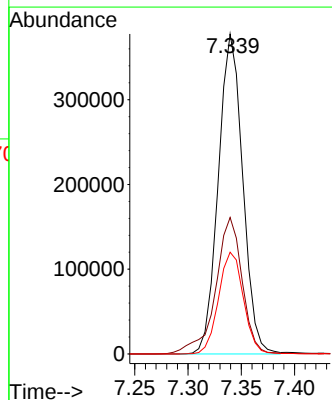
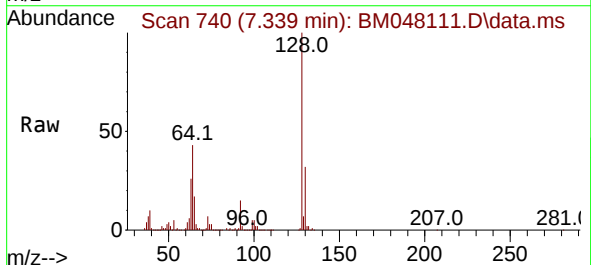
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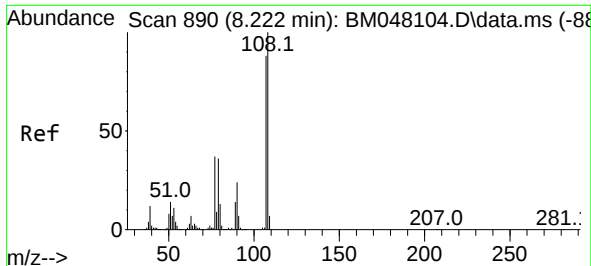
Tgt Ion: 93 Resp: 567109
Ion Ratio Lower Upper
93 100
63 71.3 58.7 88.1
95 32.6 25.4 38.2



#12
2-Chlorophenol
Concen: 36.540 ng/ul
RT: 7.339 min Scan# 740
Delta R.T. -0.000 min
Lab File: BM048111.D
Acq: 17 Oct 2024 17:46

Tgt Ion:128 Resp: 601091
Ion Ratio Lower Upper
128 100
64 42.6 34.8 52.2
130 31.8 26.2 39.4





#13

2-Methylphenol

Concen: 36.617 ng/ul

RT: 8.222 min Scan# 890

Delta R.T. -0.000 min

Lab File: BM048111.D

Acq: 17 Oct 2024 17:46

Instrument :

BNA_M

ClientSampleId :

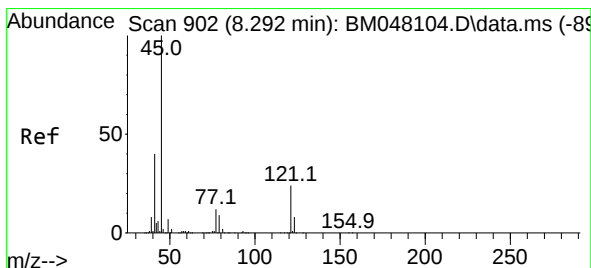
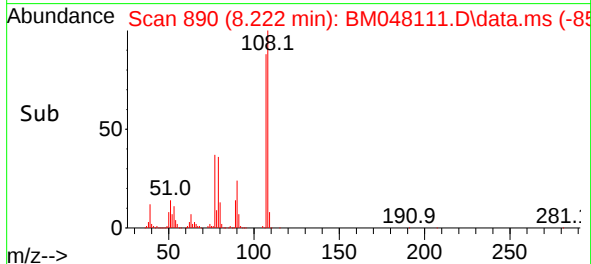
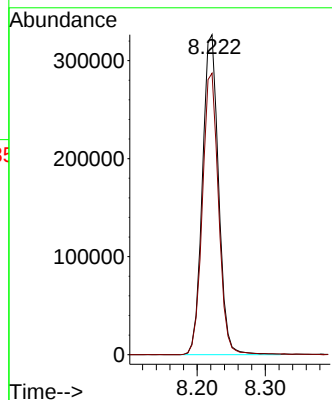
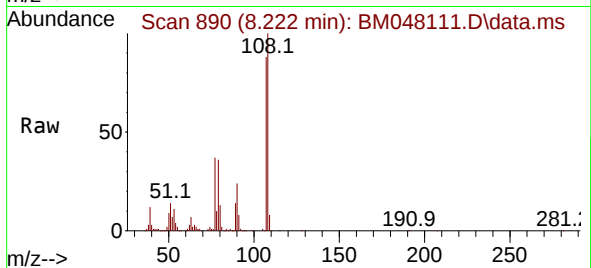
SLCS148

Tgt Ion:108 Resp: 537800

Ion Ratio Lower Upper

108 100

107 88.0 70.2 105.2



#14

2,2'-oxybis(1-Chloropropane)

Concen: 36.936 ng/ul

RT: 8.292 min Scan# 902

Delta R.T. -0.000 min

Lab File: BM048111.D

Acq: 17 Oct 2024 17:46

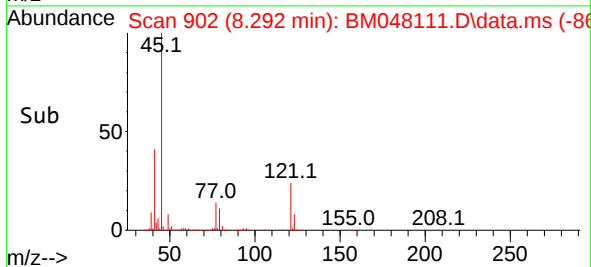
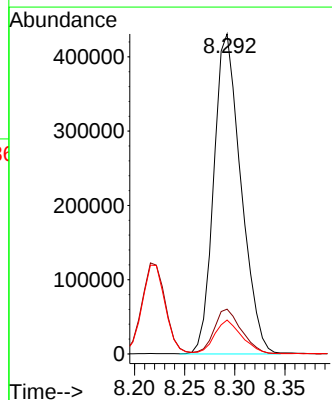
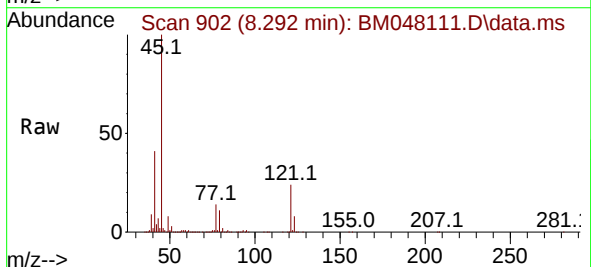
Tgt Ion: 45 Resp: 812473

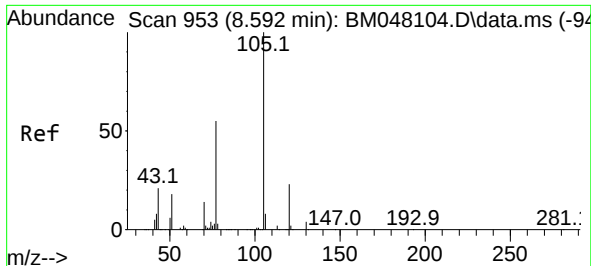
Ion Ratio Lower Upper

45 100

77 14.0 11.4 17.0

79 10.6 8.3 12.5

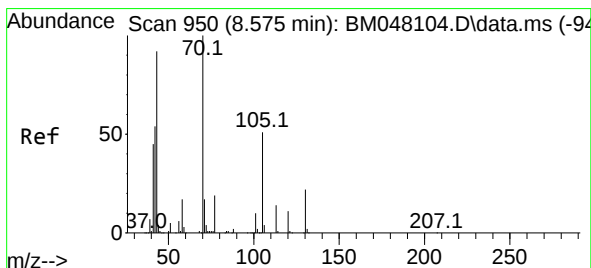
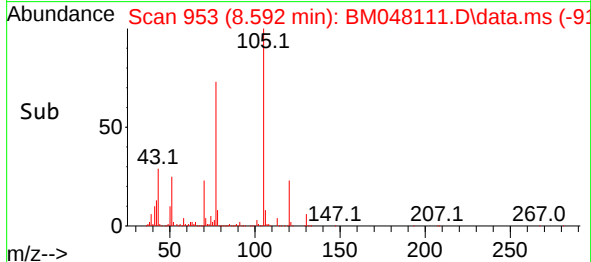
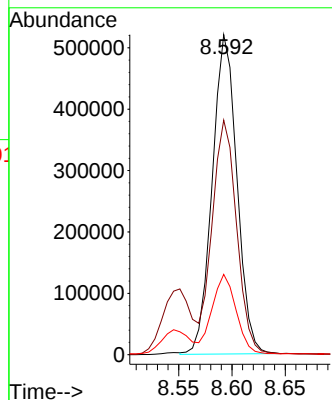
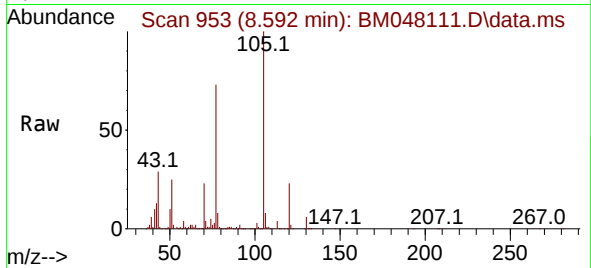




#16
Acetophenone
Concen: 37.226 ng/ul
RT: 8.592 min Scan# 911
Delta R.T. -0.000 min
Lab File: BM048111.D
Acq: 17 Oct 2024 17:46

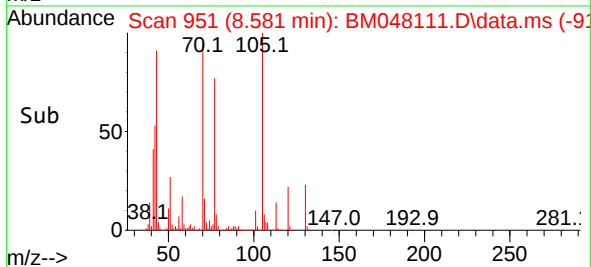
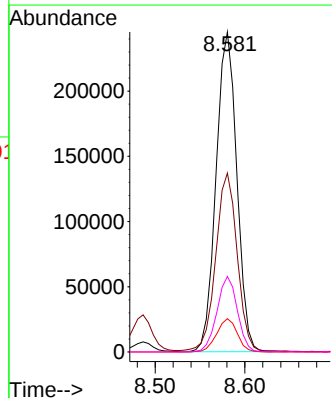
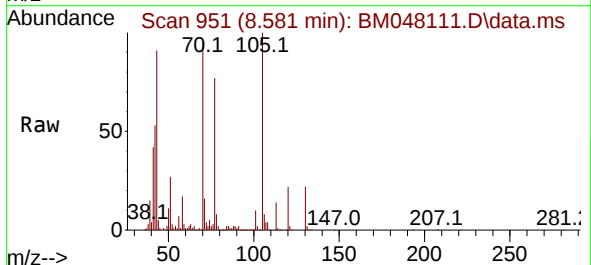
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ClientSampleId :
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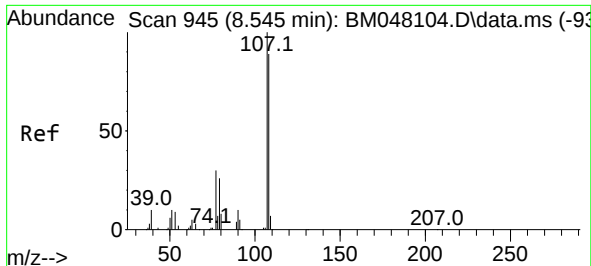
Tgt Ion:105 Resp: 838658
Ion Ratio Lower Upper
105 100
77 73.3 59.3 88.9
51 25.1 19.9 29.9



#17
N-Nitroso-di-n-propylamine
Concen: 36.876 ng/ul
RT: 8.581 min Scan# 951
Delta R.T. 0.006 min
Lab File: BM048111.D
Acq: 17 Oct 2024 17:46

Tgt Ion: 70 Resp: 393357
Ion Ratio Lower Upper
70 100
42 55.9 43.6 65.4
101 10.4 7.9 11.9
130 23.6 17.8 26.8

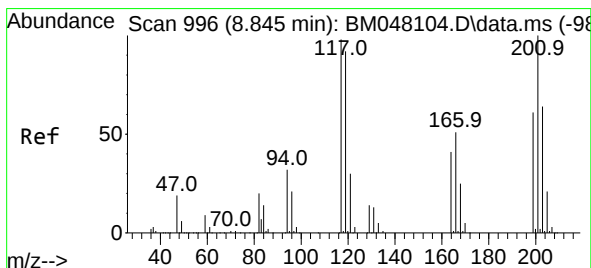
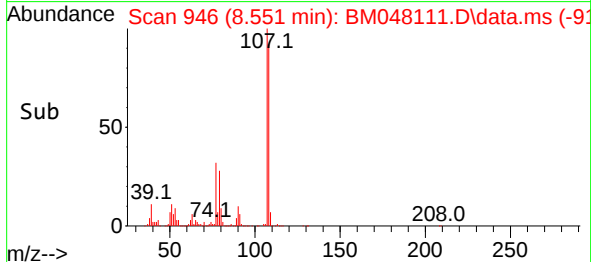
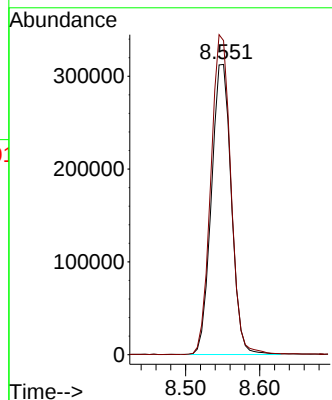
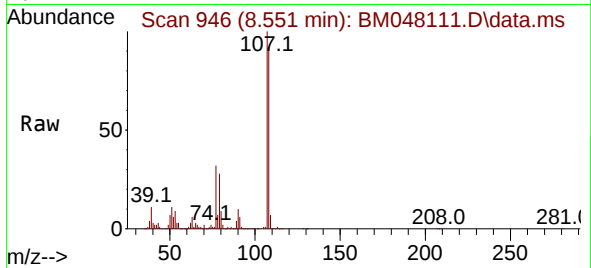




#18
4-Methylphenol
Concen: 37.004 ng/ul
RT: 8.551 min Scan# 945
Delta R.T. 0.006 min
Lab File: BM048111.D
Acq: 17 Oct 2024 17:46

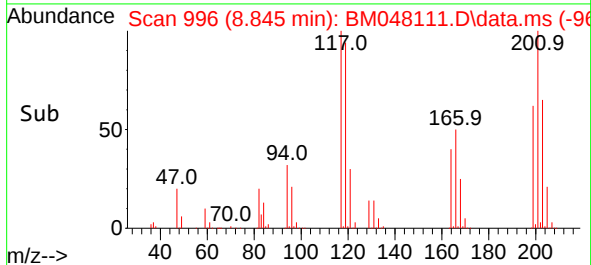
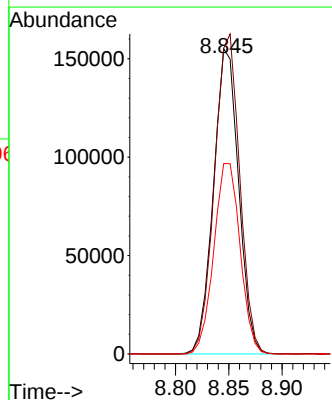
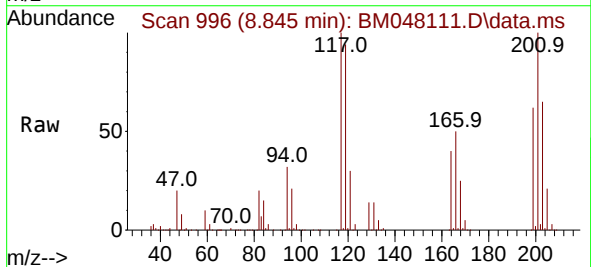
Instrument :
BNA_M
ClientSampleId :
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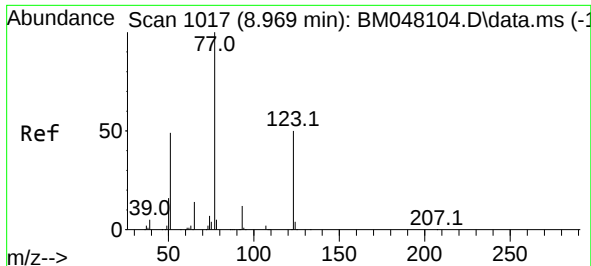
Tgt Ion:108 Resp: 584719
Ion Ratio Lower Upper
108 100
107 108.2 90.2 135.4



#19
Hexachloroethane
Concen: 36.471 ng/ul
RT: 8.845 min Scan# 996
Delta R.T. -0.000 min
Lab File: BM048111.D
Acq: 17 Oct 2024 17:46

Tgt Ion:117 Resp: 255040
Ion Ratio Lower Upper
117 100
201 100.2 81.5 122.3
199 62.4 49.4 74.0

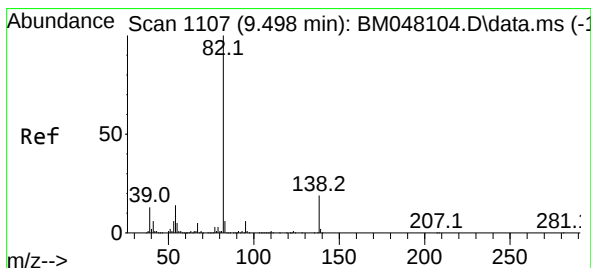
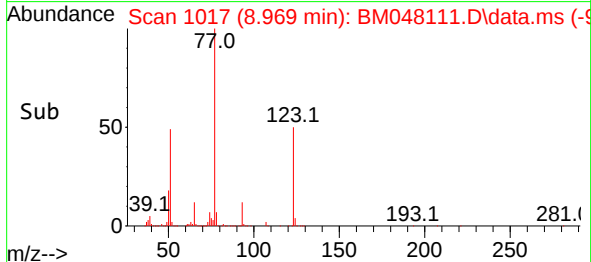
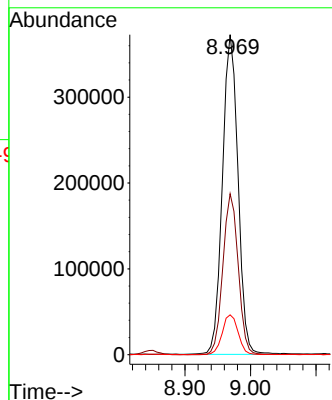
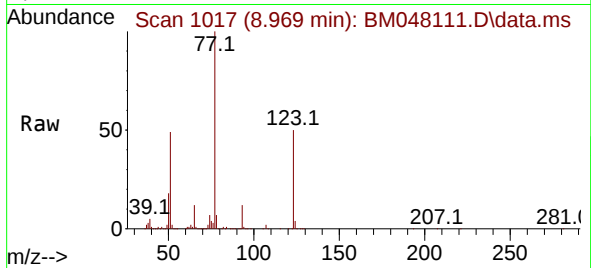




#22
Nitrobenzene
Concen: 37.134 ng/ul
RT: 8.969 min Scan# 1017
Delta R.T. -0.000 min
Lab File: BM048111.D
Acq: 17 Oct 2024 17:46

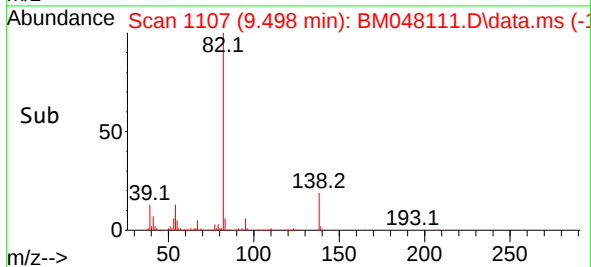
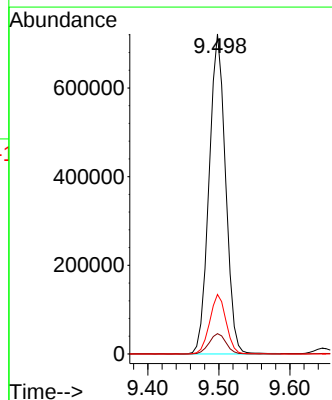
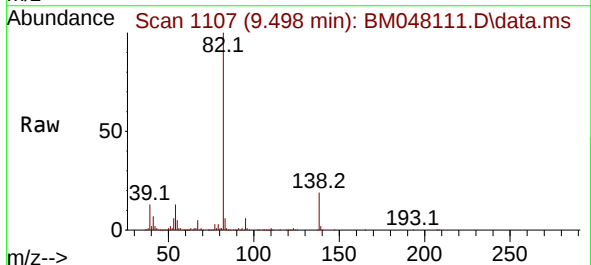
Instrument :
BNA_M
ClientSampleId :
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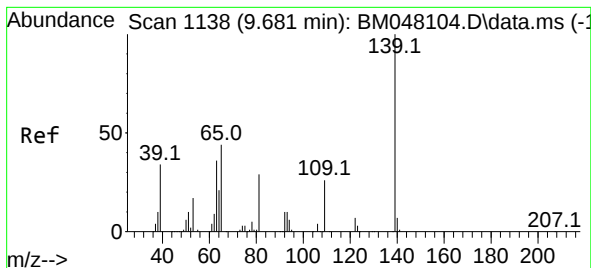
Tgt Ion: 77 Resp: 613507
Ion Ratio Lower Upper
77 100
123 50.3 39.6 59.4
65 12.5 11.0 16.4



#23
Isophorone
Concen: 36.859 ng/ul
RT: 9.498 min Scan# 1107
Delta R.T. -0.000 min
Lab File: BM048111.D
Acq: 17 Oct 2024 17:46

Tgt Ion: 82 Resp: 1164598
Ion Ratio Lower Upper
82 100
95 6.3 5.2 7.8
138 18.6 15.2 22.8

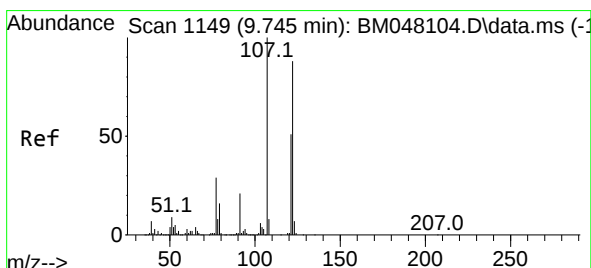
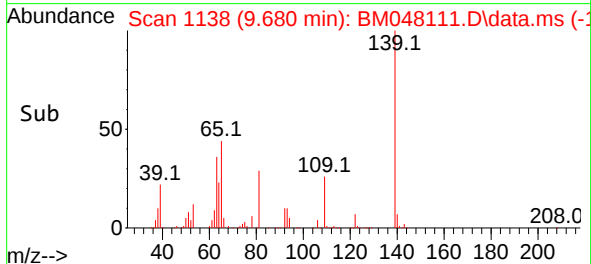
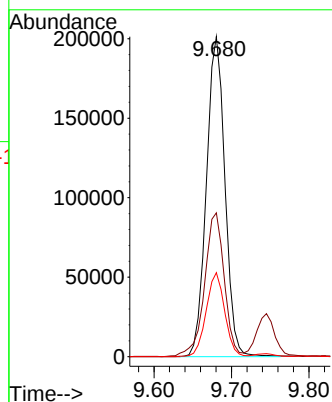
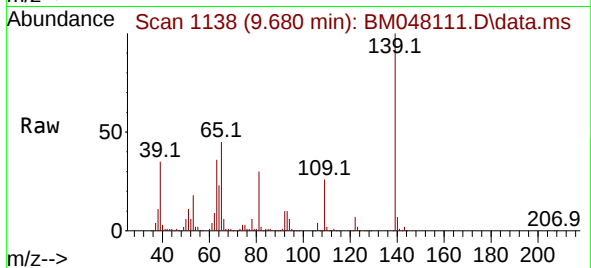




#25
2-Nitrophenol
Concen: 37.174 ng/ul
RT: 9.680 min Scan# 1138
Delta R.T. -0.000 min
Lab File: BM048111.D
Acq: 17 Oct 2024 17:46

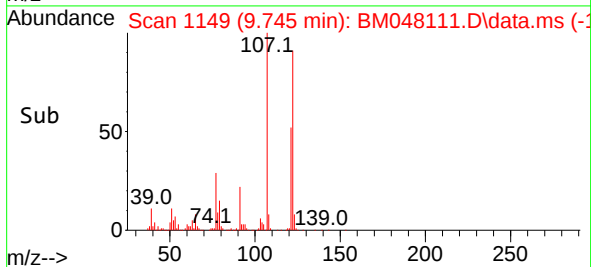
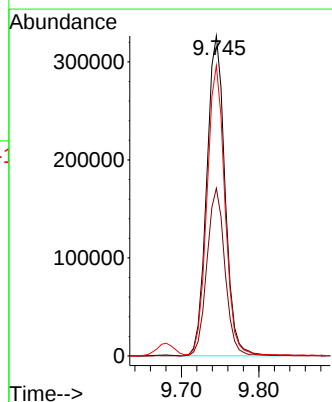
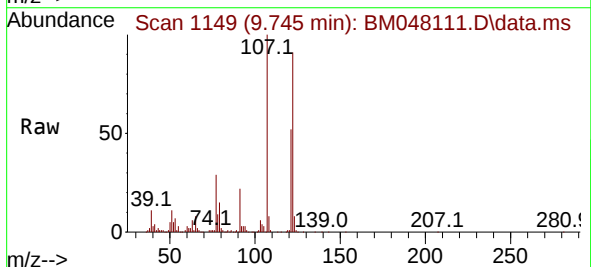
Instrument :
BNA_M
ClientSampleId :
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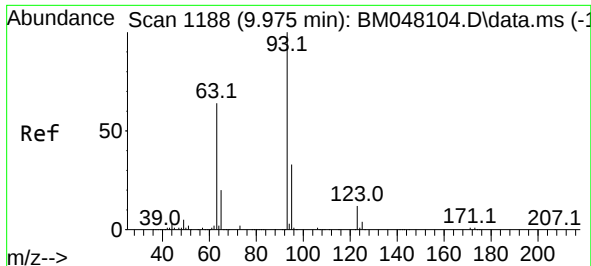
Tgt Ion:139 Resp: 334926
Ion Ratio Lower Upper
139 100
65 45.0 36.4 54.6
109 26.3 20.9 31.3



#26
2,4-Dimethylphenol
Concen: 34.014 ng/ul
RT: 9.745 min Scan# 1149
Delta R.T. -0.000 min
Lab File: BM048111.D
Acq: 17 Oct 2024 17:46

Tgt Ion:107 Resp: 533838
Ion Ratio Lower Upper
107 100
121 52.4 40.4 60.6
122 90.8 70.6 106.0

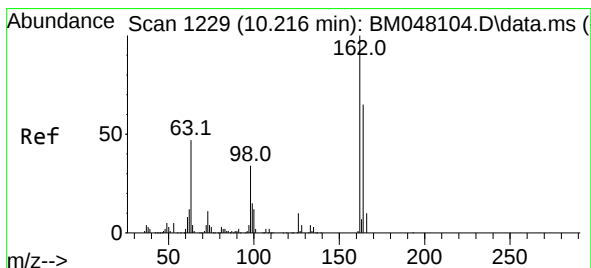
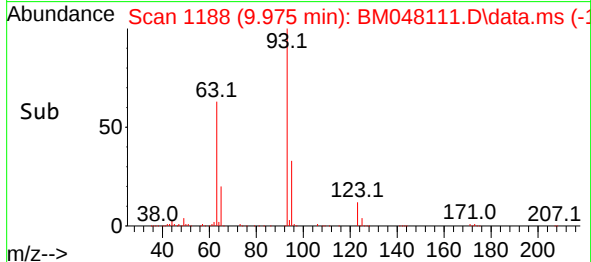
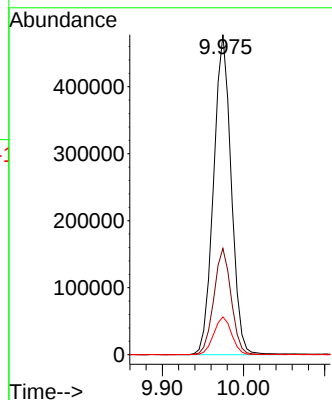
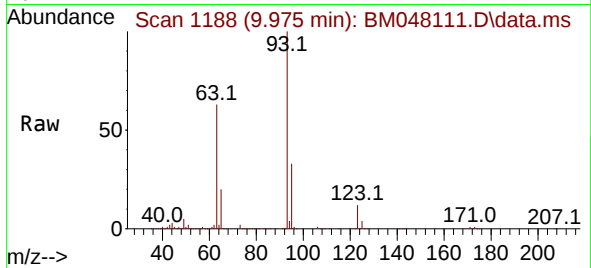




#27
 Bis(2-Chloroethoxy)methane
 Concen: 36.423 ng/ul
 RT: 9.975 min Scan# 1188
 Delta R.T. -0.000 min
 Lab File: BM048111.D
 Acq: 17 Oct 2024 17:46

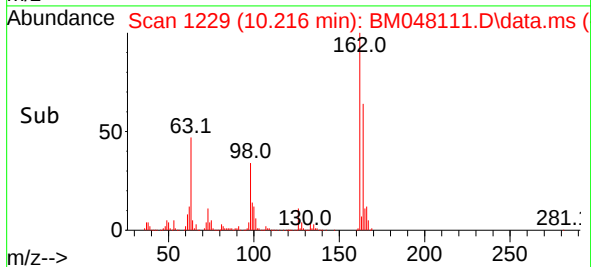
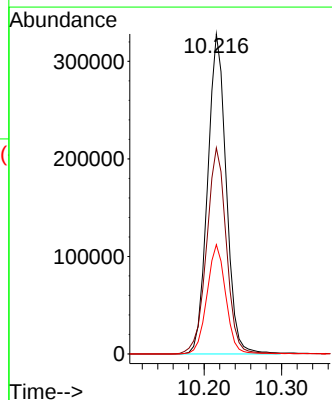
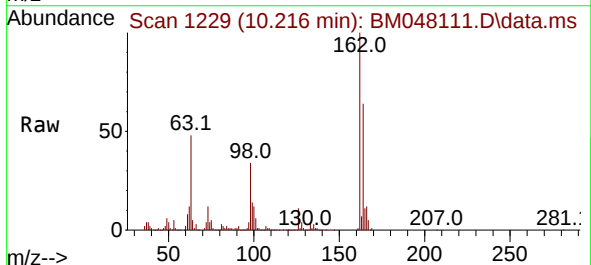
Instrument :
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 ClientSampleId :
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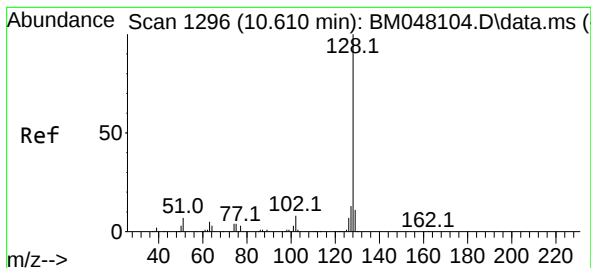
Tgt Ion: 93 Resp: 720990
 Ion Ratio Lower Upper
 93 100
 95 33.2 26.3 39.5
 123 11.8 9.6 14.4



#29
 2,4-Dichlorophenol
 Concen: 36.732 ng/ul
 RT: 10.216 min Scan# 1229
 Delta R.T. -0.000 min
 Lab File: BM048111.D
 Acq: 17 Oct 2024 17:46

Tgt Ion:162 Resp: 547519
 Ion Ratio Lower Upper
 162 100
 164 64.4 52.0 78.0
 98 34.2 27.4 41.0

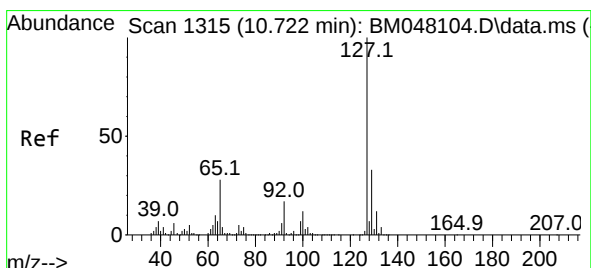
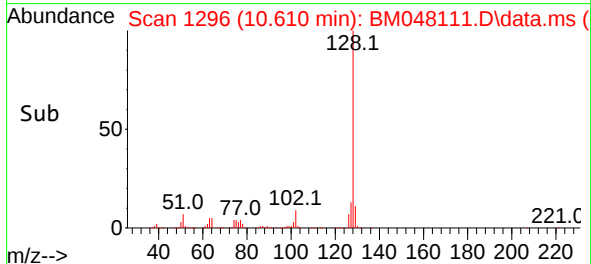
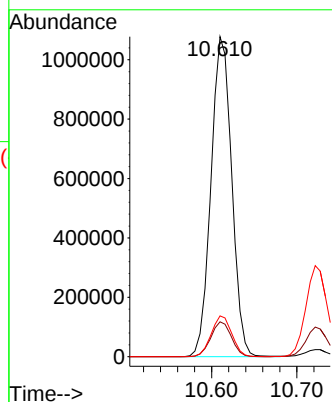
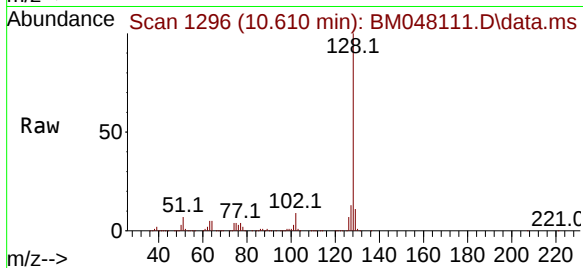




#30
Naphthalene
Concen: 36.444 ng/ul
RT: 10.610 min Scan# 1296
Delta R.T. -0.000 min
Lab File: BM048111.D
Acq: 17 Oct 2024 17:46

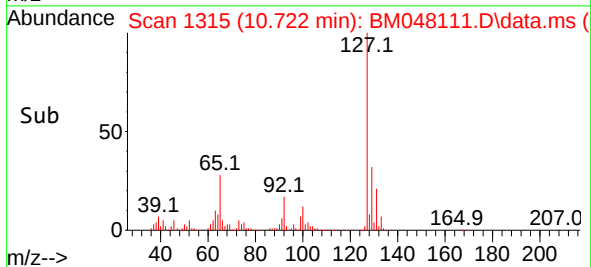
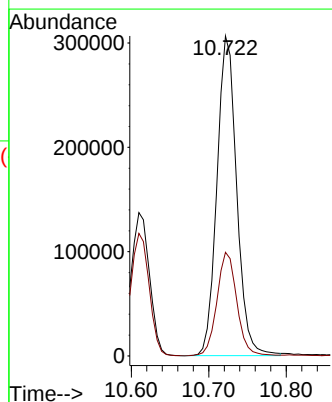
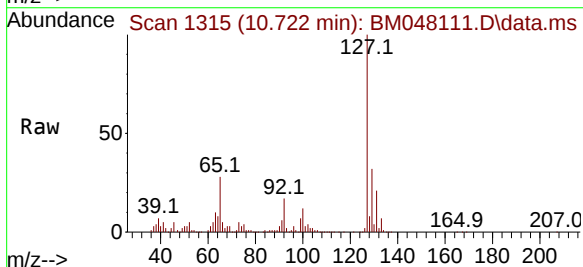
Instrument :
BNA_M
ClientSampleId :
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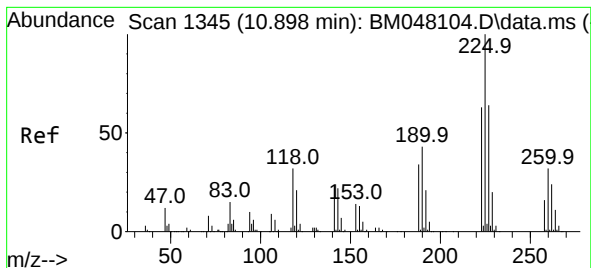
Tgt Ion:128 Resp: 1822735
Ion Ratio Lower Upper
128 100
129 10.9 8.7 13.1
127 12.8 10.3 15.5



#32
4-Chloroaniline
Concen: 28.954 ng/ul
RT: 10.722 min Scan# 1315
Delta R.T. -0.000 min
Lab File: BM048111.D
Acq: 17 Oct 2024 17:46

Tgt Ion:127 Resp: 543791
Ion Ratio Lower Upper
127 100
129 32.4 26.4 39.6

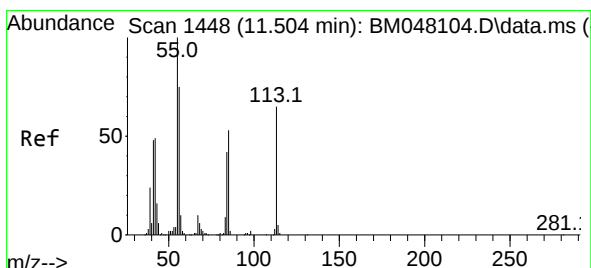
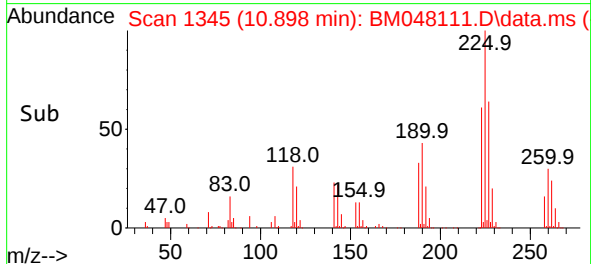
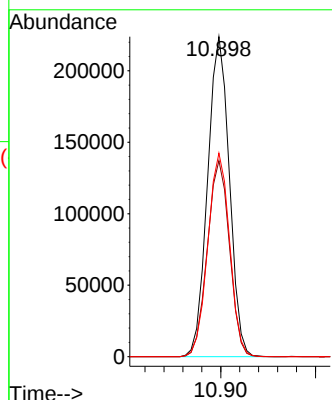
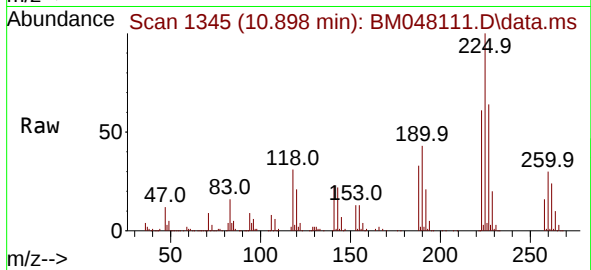




#33
Hexachlorobutadiene
Concen: 36.194 ng/ul
RT: 10.898 min Scan# 1345
Delta R.T. -0.000 min
Lab File: BM048111.D
Acq: 17 Oct 2024 17:46

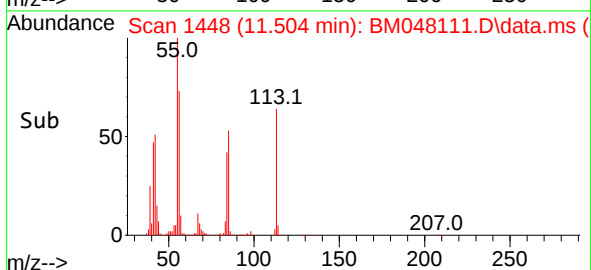
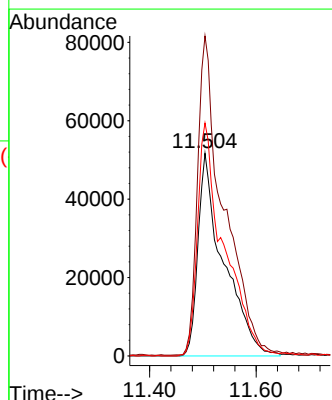
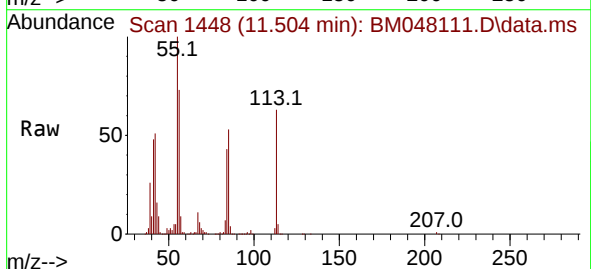
Instrument :
BNA_M
ClientSampleId :
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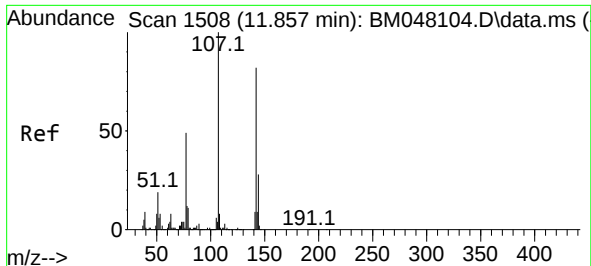
Tgt Ion:225 Resp: 356597
Ion Ratio Lower Upper
225 100
223 61.3 50.6 76.0
227 63.6 51.3 76.9



#34
Caprolactam
Concen: 37.223 ng/ul
RT: 11.504 min Scan# 1448
Delta R.T. -0.000 min
Lab File: BM048111.D
Acq: 17 Oct 2024 17:46

Tgt Ion:113 Resp: 171613
Ion Ratio Lower Upper
113 100
55 157.8 123.8 185.8
56 114.9 92.9 139.3

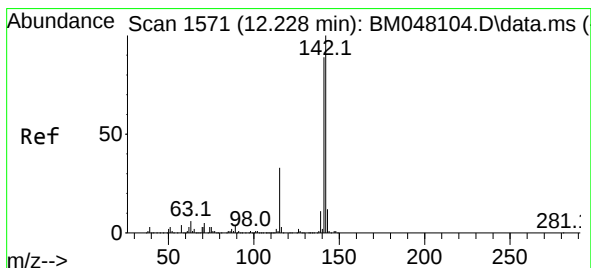
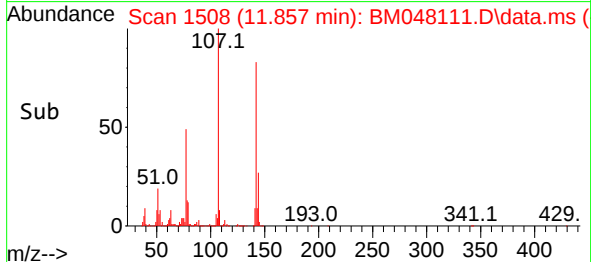
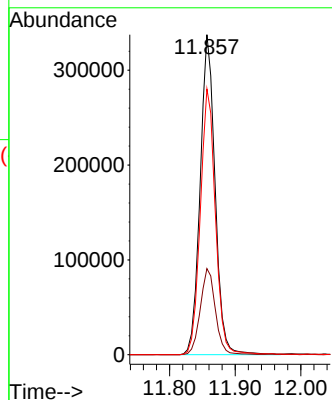
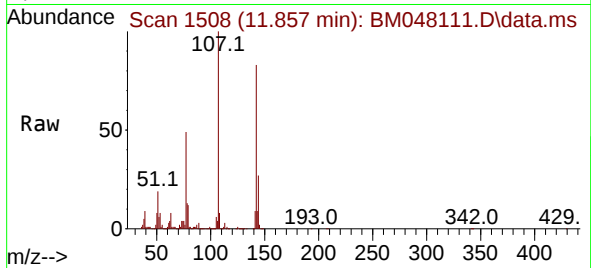




#35
4-Chloro-3-methylphenol
Concen: 37.420 ng/ul
RT: 11.857 min Scan# 1508
Delta R.T. -0.000 min
Lab File: BM048111.D
Acq: 17 Oct 2024 17:46

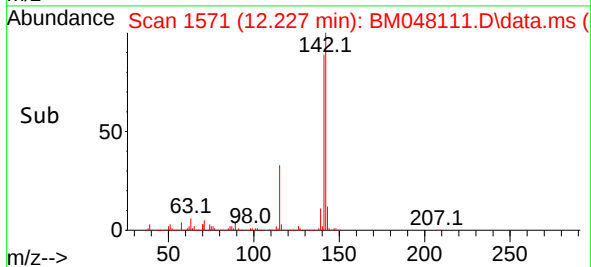
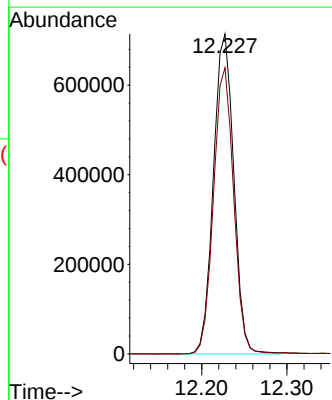
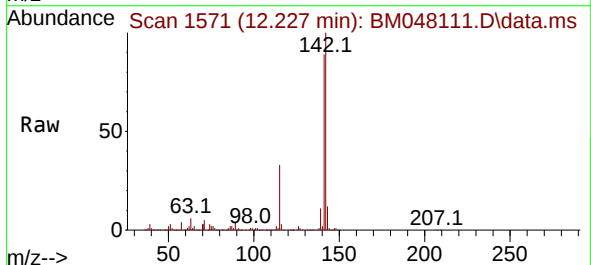
Instrument :
BNA_M
ClientSampleId :
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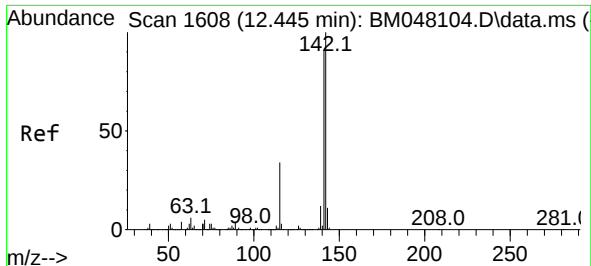
Tgt Ion:107 Resp: 536177
Ion Ratio Lower Upper
107 100
144 26.9 22.2 33.2
142 83.0 65.7 98.5



#36
2-Methylnaphthalene
Concen: 36.464 ng/ul
RT: 12.227 min Scan# 1571
Delta R.T. -0.000 min
Lab File: BM048111.D
Acq: 17 Oct 2024 17:46

Tgt Ion:142 Resp: 1186937
Ion Ratio Lower Upper
142 100
141 89.4 71.1 106.7

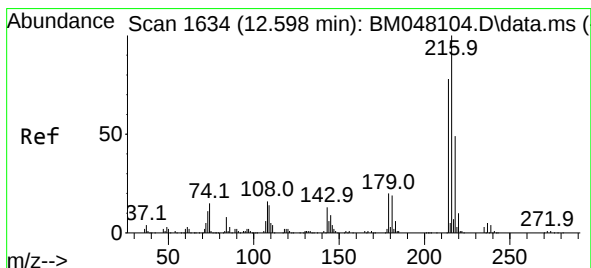
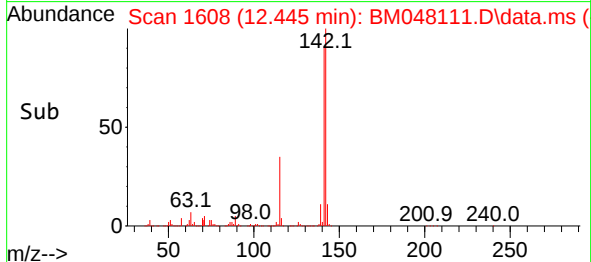
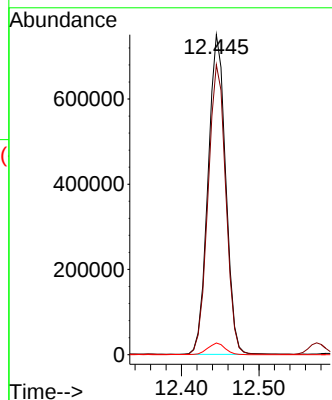
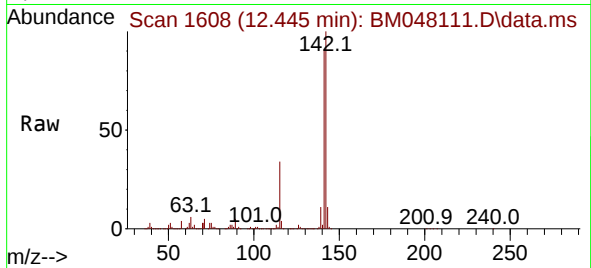




#37
1-Methylnaphthalene
Concen: 36.237 ng/ul
RT: 12.445 min Scan# 1
Delta R.T. -0.000 min
Lab File: BM048111.D
Acq: 17 Oct 2024 17:46

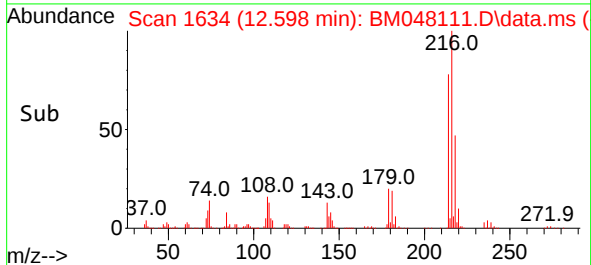
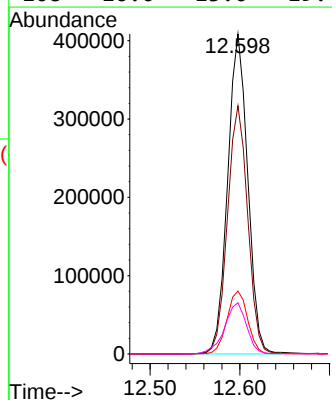
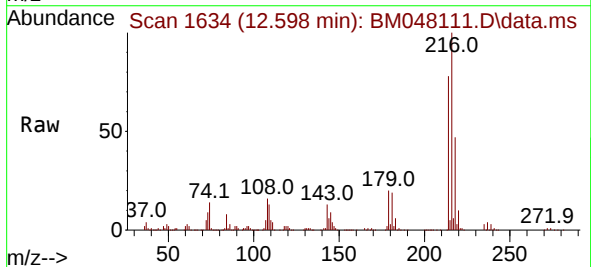
Instrument :
BNA_M
ClientSampleId :
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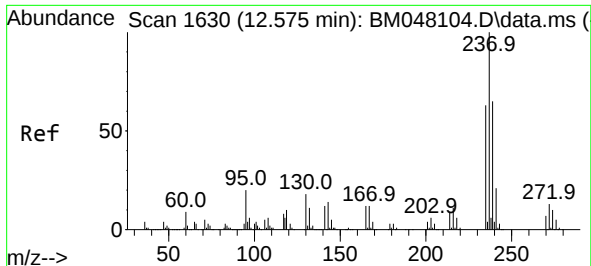
Tgt Ion:142 Resp: 1187967
Ion Ratio Lower Upper
142 100
141 90.6 72.8 109.2
116 3.7 2.7 4.1



#39
1,2,4,5-Tetrachlorobenzene
Concen: 36.022 ng/ul
RT: 12.598 min Scan# 1634
Delta R.T. -0.000 min
Lab File: BM048111.D
Acq: 17 Oct 2024 17:46

Tgt Ion:216 Resp: 634498
Ion Ratio Lower Upper
216 100
214 77.5 62.6 94.0
179 19.6 16.2 24.2
108 16.0 13.0 19.4

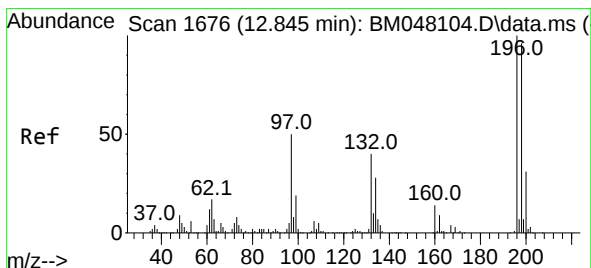
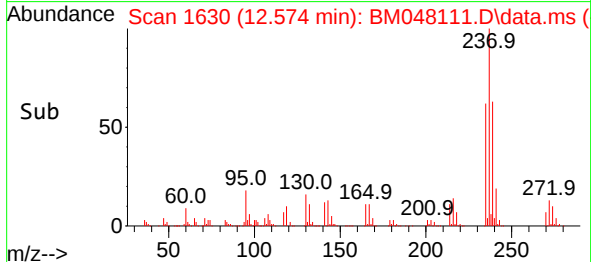
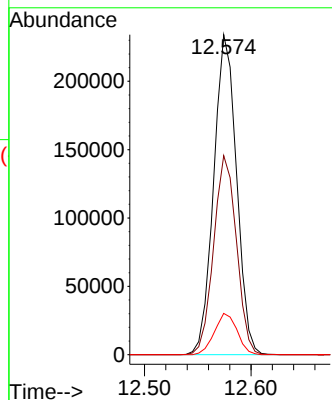
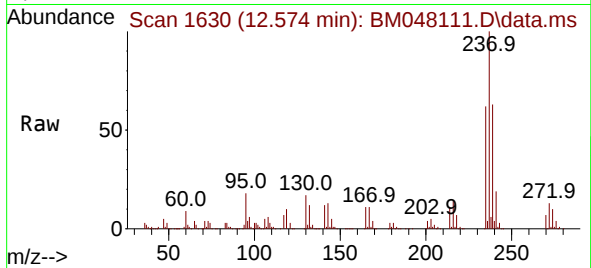




#40
Hexachlorocyclopentadiene
Concen: 35.346 ng/ul
RT: 12.574 min Scan# 1630
Delta R.T. -0.000 min
Lab File: BM048111.D
Acq: 17 Oct 2024 17:46

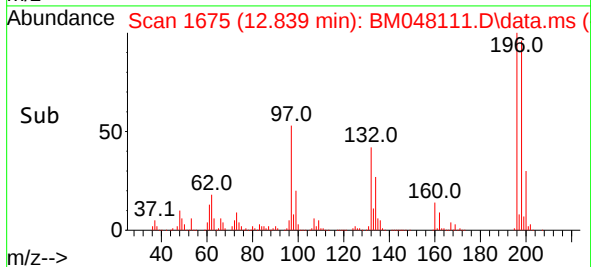
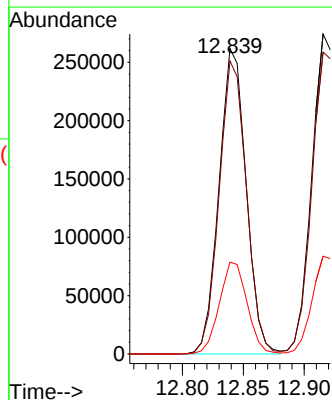
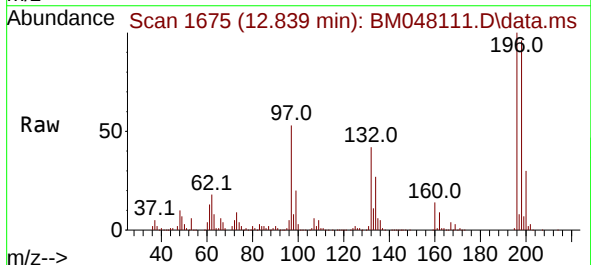
Instrument :
BNA_M
ClientSampleId :
SLCS148

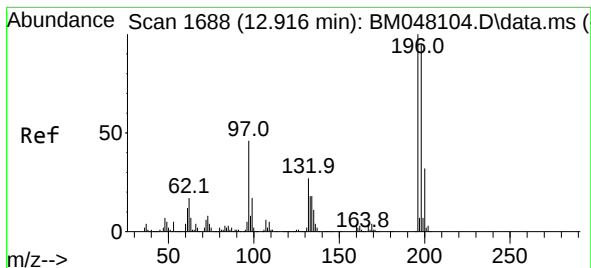
Tgt Ion:237 Resp: 348400
Ion Ratio Lower Upper
237 100
235 62.2 50.1 75.1
272 12.9 10.0 15.0



#41
2,4,6-Trichlorophenol
Concen: 35.110 ng/ul
RT: 12.839 min Scan# 1675
Delta R.T. -0.006 min
Lab File: BM048111.D
Acq: 17 Oct 2024 17:46

Tgt Ion:196 Resp: 406707
Ion Ratio Lower Upper
196 100
198 95.9 77.0 115.4
200 30.1 24.9 37.3

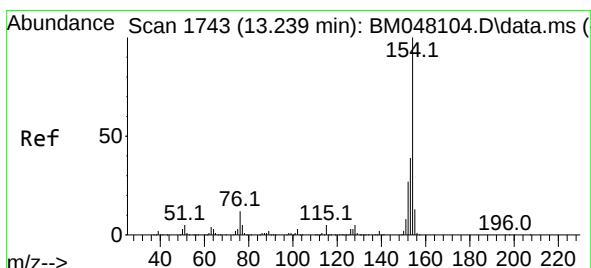
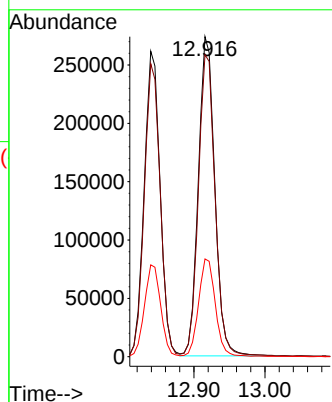
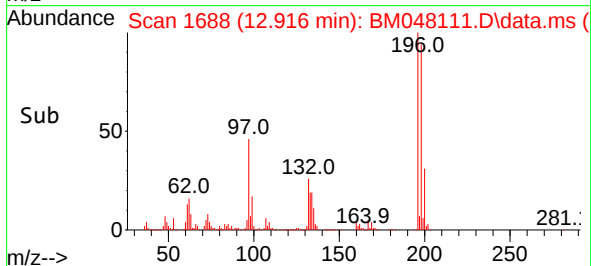
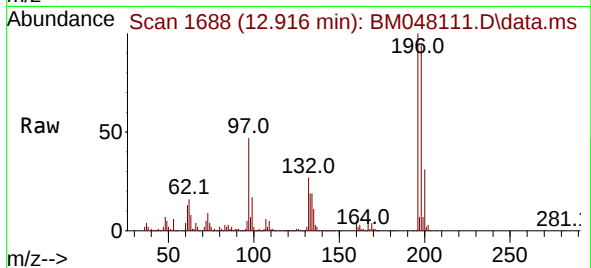




#42
2,4,5-Trichlorophenol
Concen: 36.301 ng/uI
RT: 12.916 min Scan# 1688
Delta R.T. -0.000 min
Lab File: BM048111.D
Acq: 17 Oct 2024 17:46

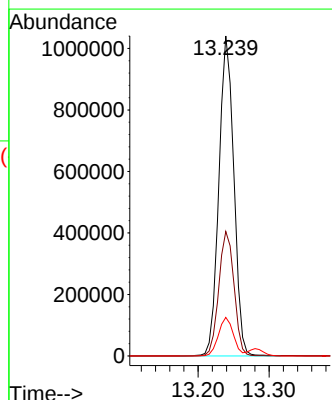
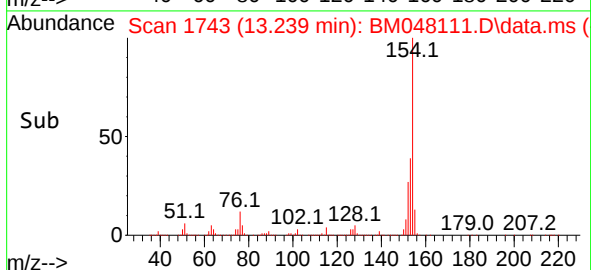
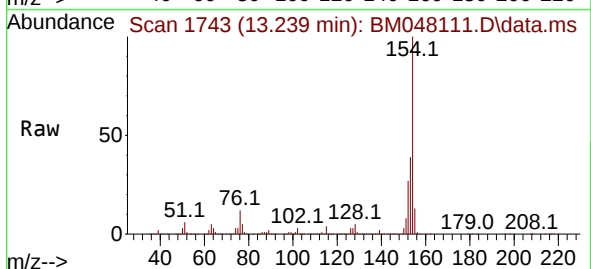
Instrument :
BNA_M
ClientSampleId :
SLCS148

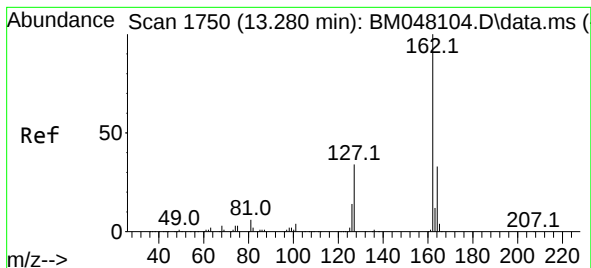
Tgt Ion:196 Resp: 442818
Ion Ratio Lower Upper
196 100
198 94.4 76.1 114.1
200 30.6 25.3 37.9



#43
1,1'-Biphenyl
Concen: 36.279 ng/uI
RT: 13.239 min Scan# 1743
Delta R.T. -0.000 min
Lab File: BM048111.D
Acq: 17 Oct 2024 17:46

Tgt Ion:154 Resp: 1514739
Ion Ratio Lower Upper
154 100
153 38.9 31.5 47.3
76 12.1 9.6 14.4





#44

2-Chloronaphthalene

Concen: 36.271 ng/ul

RT: 13.280 min Scan# 1

Delta R.T. -0.000 min

Lab File: BM048111.D

Acq: 17 Oct 2024 17:46

Instrument :

BNA_M

ClientSampleId :

SLCS148

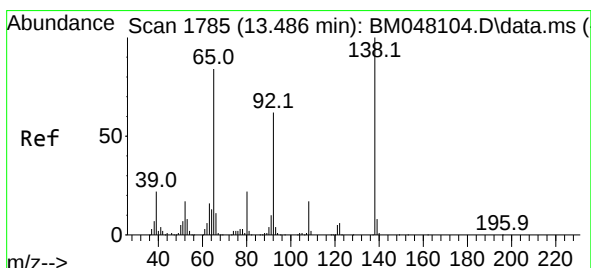
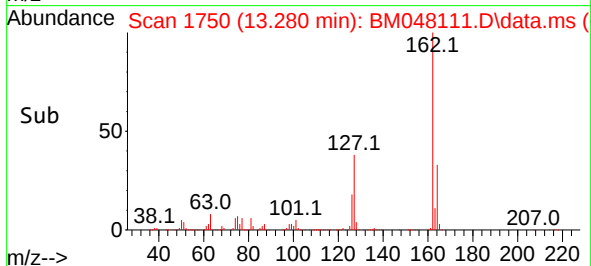
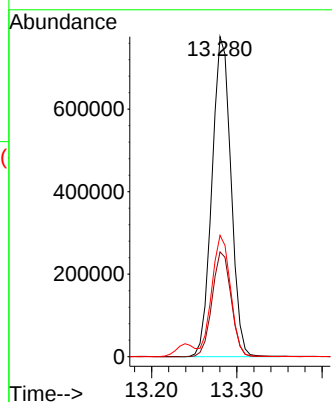
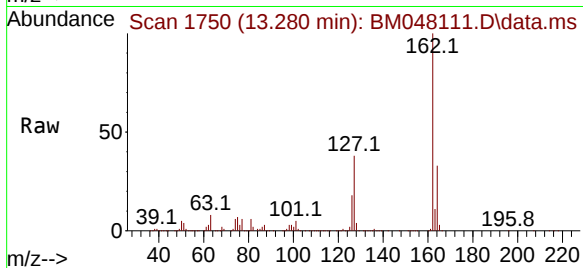
Tgt Ion:162 Resp: 1200857

Ion Ratio Lower Upper

162 100

164 32.8 26.2 39.2

127 37.9 30.6 46.0



#45

2-Nitroaniline

Concen: 38.166 ng/ul

RT: 13.486 min Scan# 1785

Delta R.T. -0.000 min

Lab File: BM048111.D

Acq: 17 Oct 2024 17:46

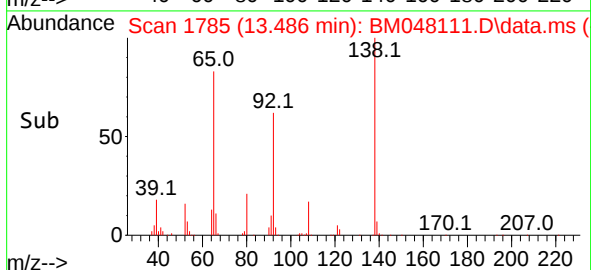
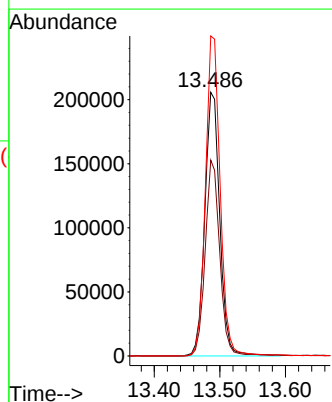
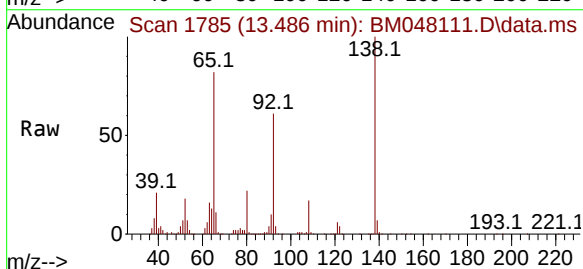
Tgt Ion: 65 Resp: 328419

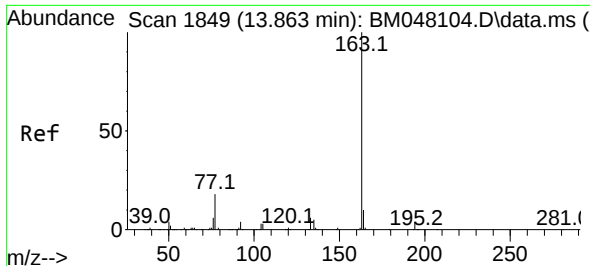
Ion Ratio Lower Upper

65 100

92 74.3 59.2 88.8

138 121.3 95.2 142.8

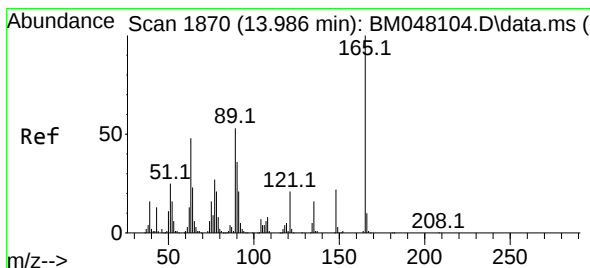
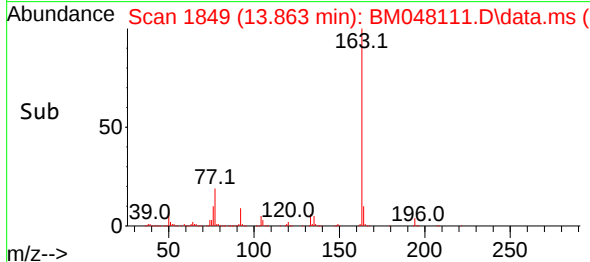
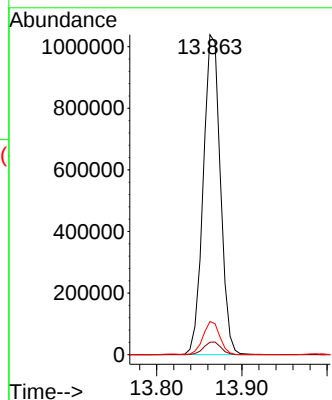
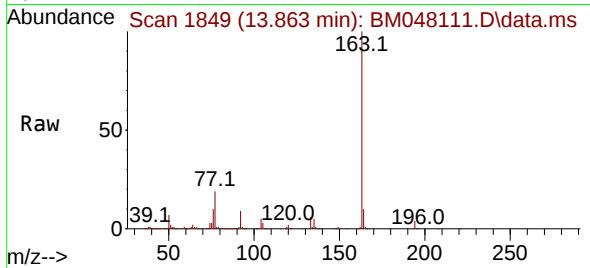




#47
Dimethylphthalate
Concen: 36.607 ng/ul
RT: 13.863 min Scan# 1849
Delta R.T. -0.000 min
Lab File: BM048111.D
Acq: 17 Oct 2024 17:46

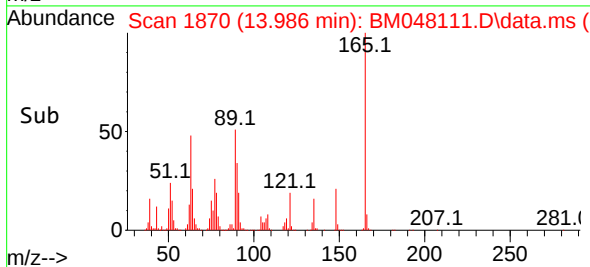
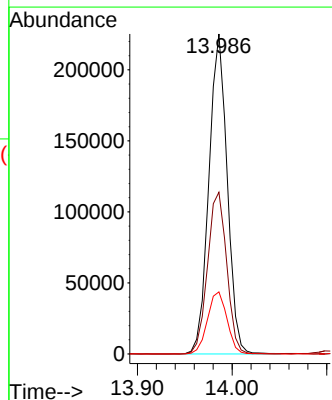
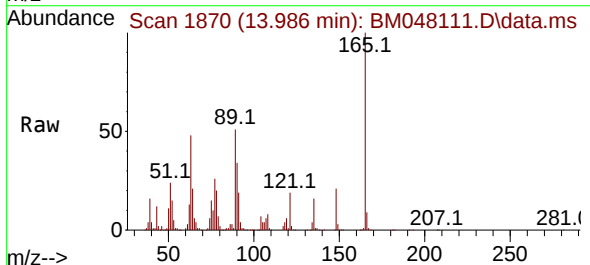
Instrument :
BNA_M
ClientSampleId :
SLCS148

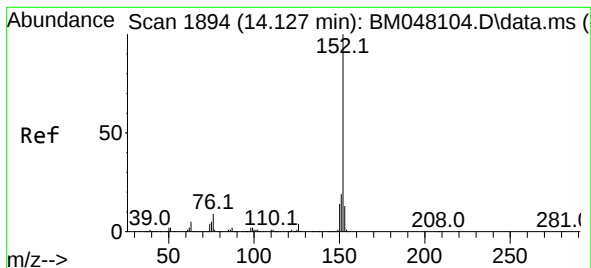
Tgt Ion:163 Resp: 1445409
Ion Ratio Lower Upper
163 100
194 3.9 3.4 5.0
164 10.3 8.2 12.4



#48
2,6-Dinitrotoluene
Concen: 38.522 ng/ul
RT: 13.986 min Scan# 1870
Delta R.T. -0.000 min
Lab File: BM048111.D
Acq: 17 Oct 2024 17:46

Tgt Ion:165 Resp: 302070
Ion Ratio Lower Upper
165 100
89 50.6 42.1 63.1
121 19.4 17.1 25.7

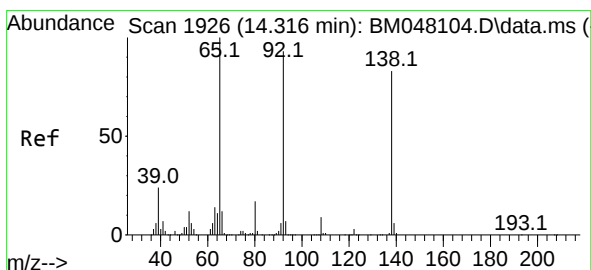
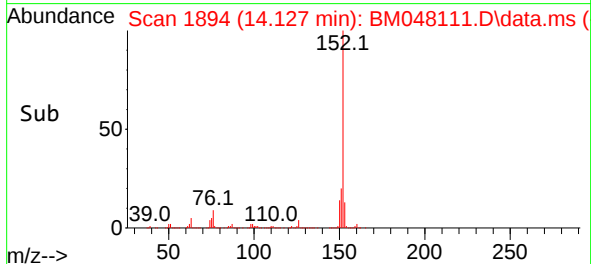
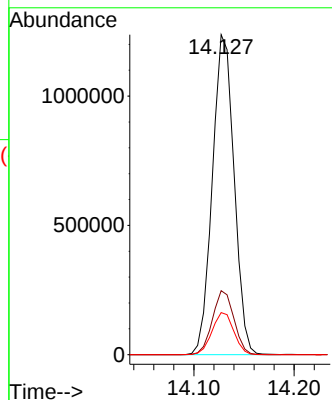
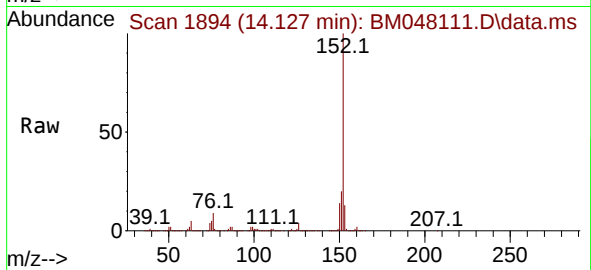




#50
Acenaphthylene
Concen: 36.937 ng/ul
RT: 14.127 min Scan# 1894
Delta R.T. -0.000 min
Lab File: BM048111.D
Acq: 17 Oct 2024 17:46

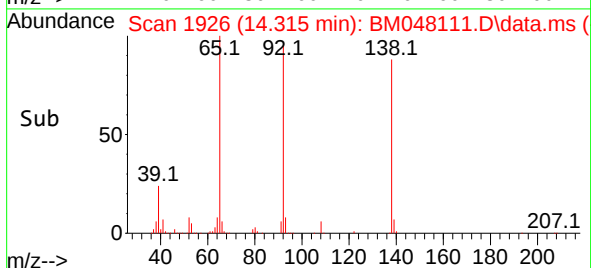
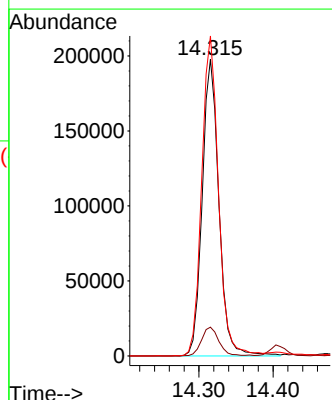
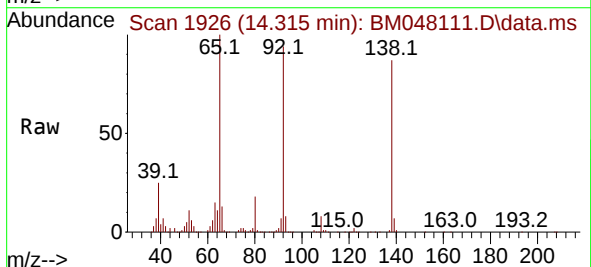
Instrument :
BNA_M
ClientSampleId :
SLCS148

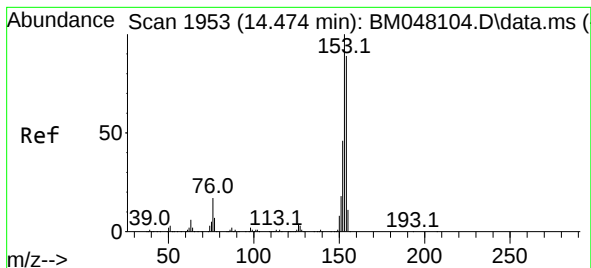
Tgt Ion:152 Resp: 1865529
Ion Ratio Lower Upper
152 100
151 20.0 15.4 23.0
153 13.2 10.6 15.8



#51
3-Nitroaniline
Concen: 37.868 ng/ul
RT: 14.315 min Scan# 1926
Delta R.T. -0.000 min
Lab File: BM048111.D
Acq: 17 Oct 2024 17:46

Tgt Ion:138 Resp: 309738
Ion Ratio Lower Upper
138 100
108 9.7 8.7 13.1
92 107.8 90.2 135.2





#52

Acenaphthene

Concen: 35.796 ng/ul

RT: 14.474 min Scan# 1953

Delta R.T. -0.000 min

Lab File: BM048111.D

Acq: 17 Oct 2024 17:46

Instrument :

BNA_M

ClientSampleId :

SLCS148

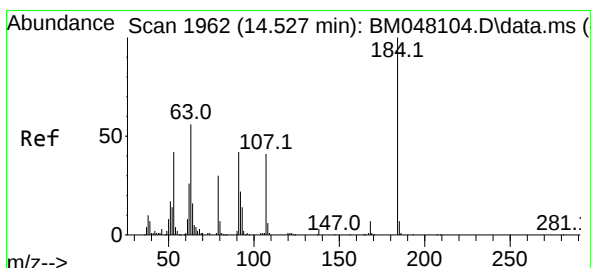
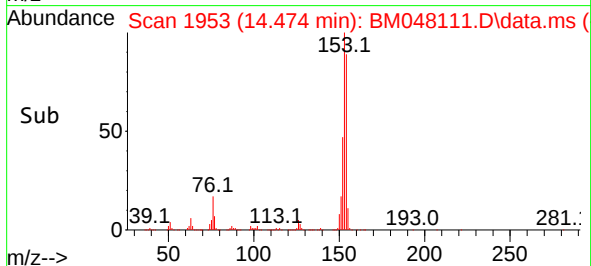
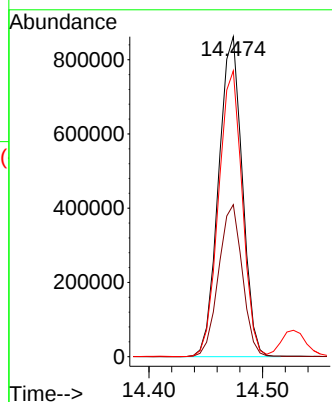
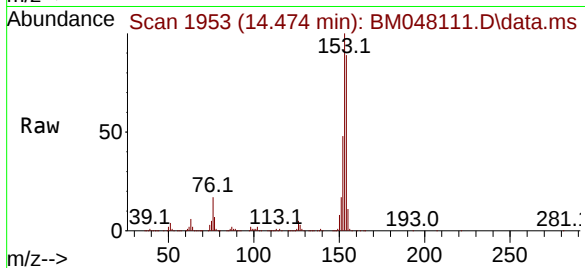
Tgt Ion:153 Resp: 1250872

Ion Ratio Lower Upper

153 100

152 47.5 37.0 55.4

154 89.3 71.4 107.2



#53

2,4-Dinitrophenol

Concen: 36.387 ng/ul

RT: 14.527 min Scan# 1962

Delta R.T. -0.000 min

Lab File: BM048111.D

Acq: 17 Oct 2024 17:46

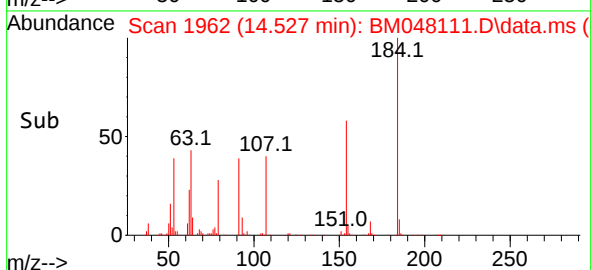
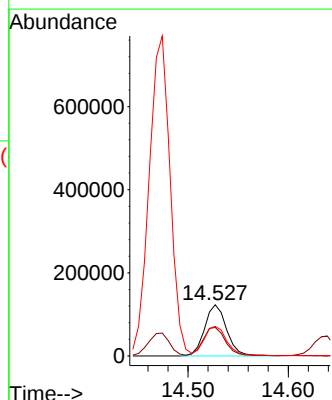
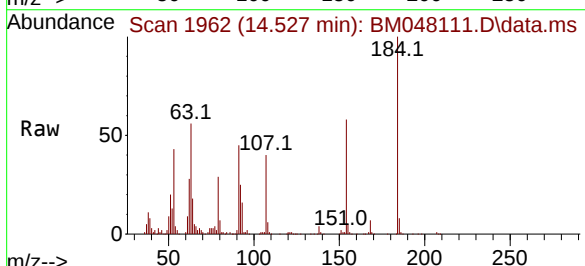
Tgt Ion:184 Resp: 188258

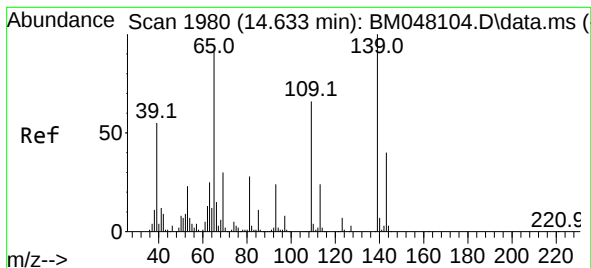
Ion Ratio Lower Upper

184 100

63 55.5 47.9 71.9

154 57.8 46.4 69.6

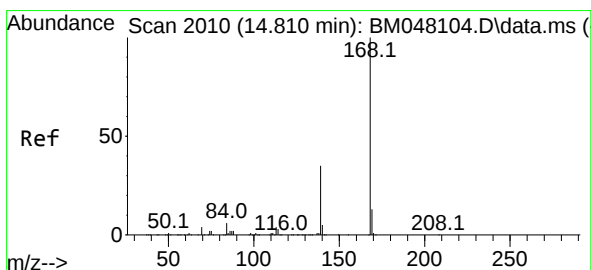
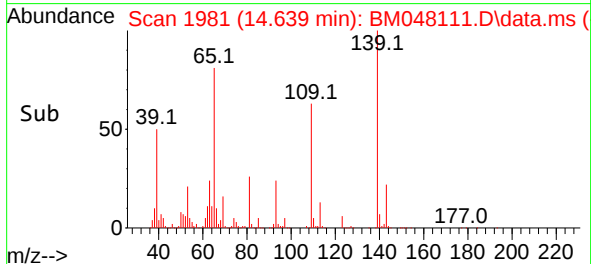
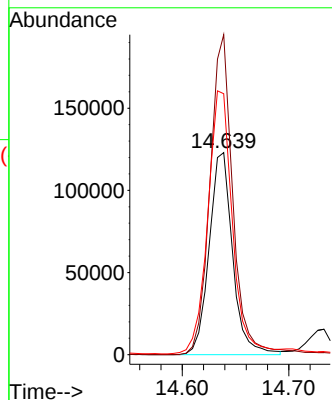
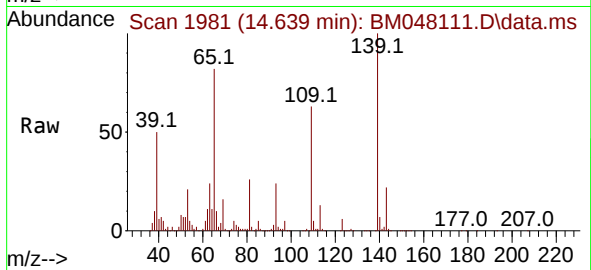




#55
4-Nitrophenol
Concen: 37.337 ng/ul
RT: 14.639 min Scan# 1980
Delta R.T. 0.006 min
Lab File: BM048111.D
Acq: 17 Oct 2024 17:46

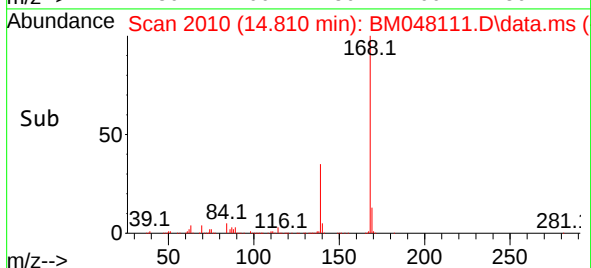
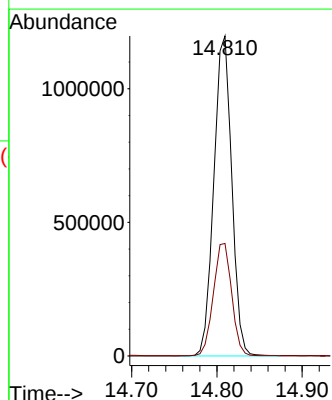
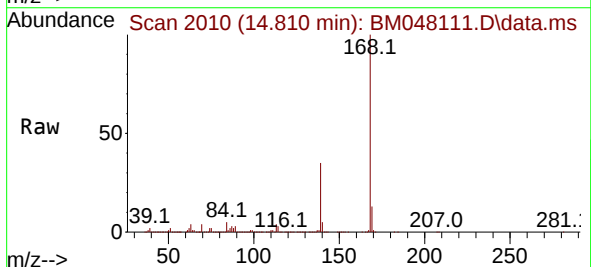
Instrument :
BNA_M
ClientSampleId :
SLCS148

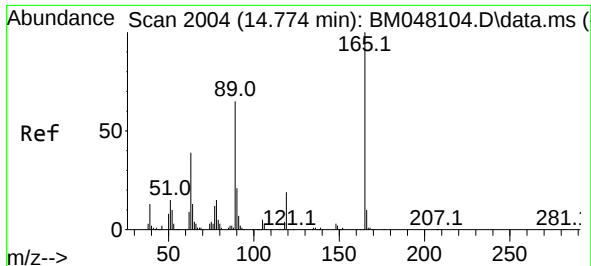
Tgt Ion:109 Resp: 188526
Ion Ratio Lower Upper
109 100
139 158.4 120.9 181.3
65 129.1 110.9 166.3



#56
Dibenzofuran
Concen: 36.581 ng/ul
RT: 14.810 min Scan# 2010
Delta R.T. -0.000 min
Lab File: BM048111.D
Acq: 17 Oct 2024 17:46

Tgt Ion:168 Resp: 1748880
Ion Ratio Lower Upper
168 100
139 35.2 28.4 42.6

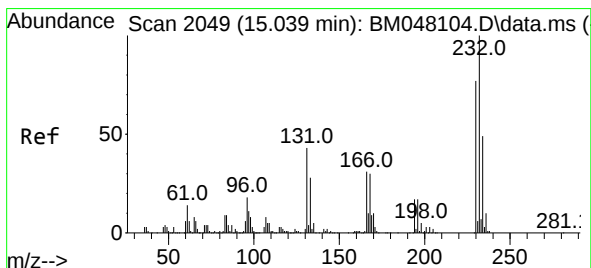
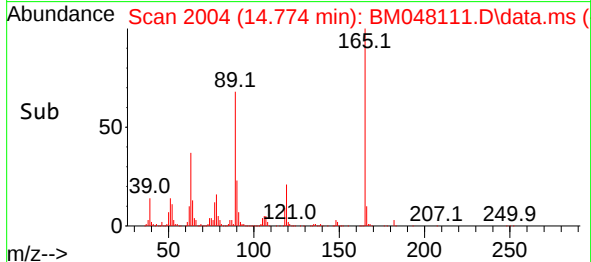
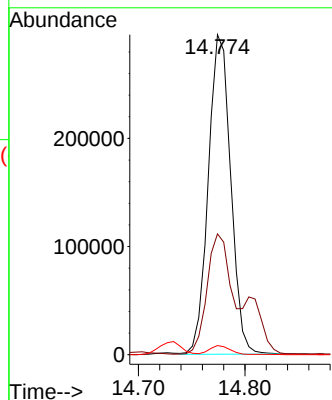
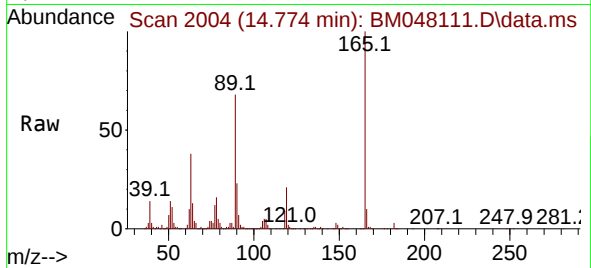




#57
2,4-Dinitrotoluene
Concen: 38.863 ng/ul
RT: 14.774 min Scan# 2004
Delta R.T. -0.000 min
Lab File: BM048111.D
Acq: 17 Oct 2024 17:46

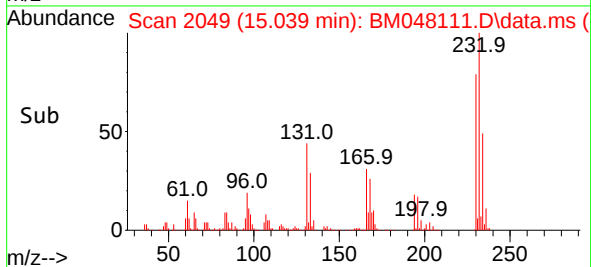
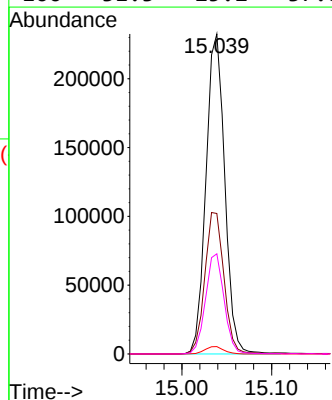
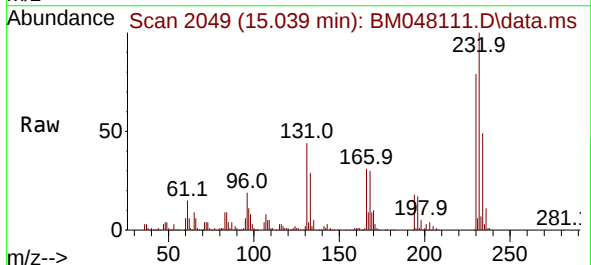
Instrument :
BNA_M
ClientSampleId :
SLCS148

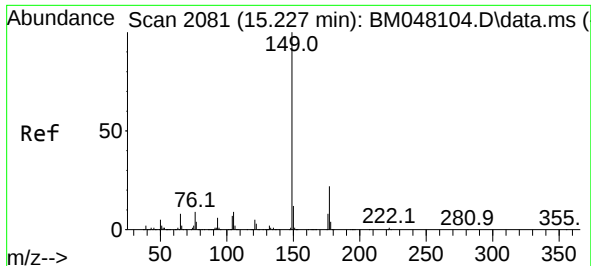
Tgt Ion:165 Resp: 432915
Ion Ratio Lower Upper
165 100
63 37.8 31.4 47.0
182 2.8 2.0 3.0



#58
2,3,4,6-Tetrachlorophenol
Concen: 34.381 ng/ul
RT: 15.039 min Scan# 2049
Delta R.T. -0.000 min
Lab File: BM048111.D
Acq: 17 Oct 2024 17:46

Tgt Ion:232 Resp: 338320
Ion Ratio Lower Upper
232 100
131 43.9 34.7 52.1
130 2.3 1.7 2.5
166 31.3 25.2 37.8

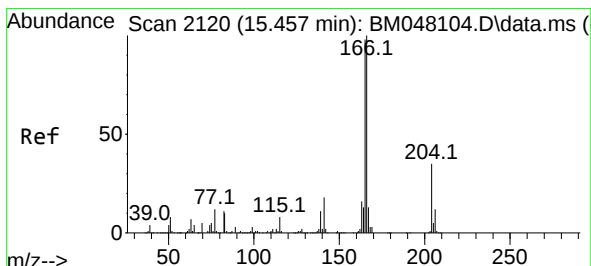
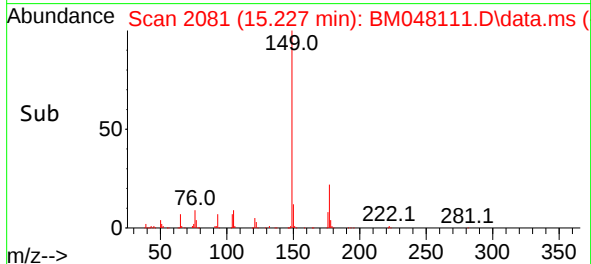
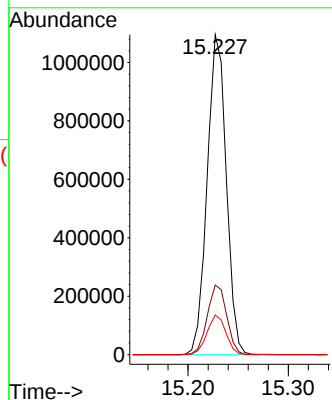
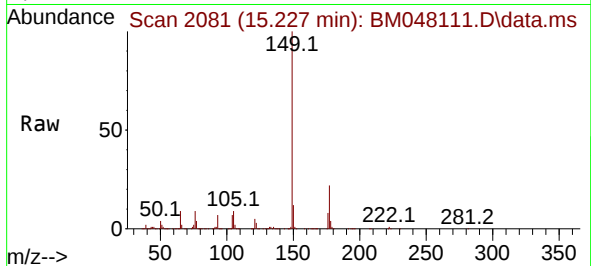




#59
Diethylphthalate
Concen: 37.035 ng/ul
RT: 15.227 min Scan# 2081
Delta R.T. -0.000 min
Lab File: BM048111.D
Acq: 17 Oct 2024 17:46

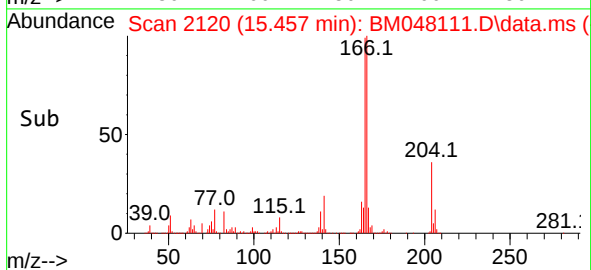
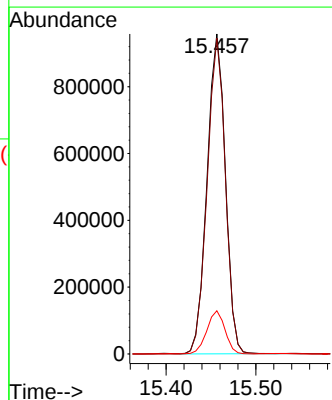
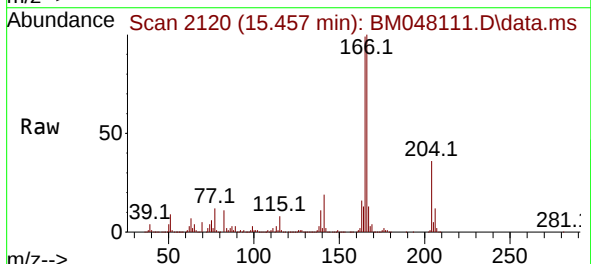
Instrument :
BNA_M
ClientSampleId :
SLCS148

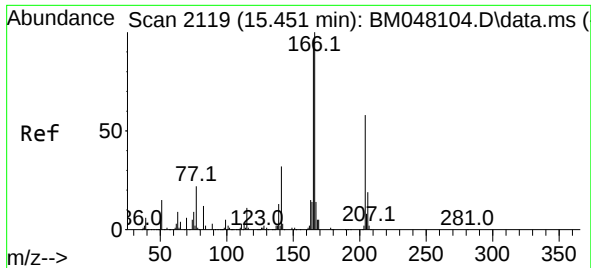
Tgt Ion:149 Resp: 1450165
Ion Ratio Lower Upper
149 100
177 21.8 17.5 26.3
150 12.4 9.8 14.8



#61
Fluorene
Concen: 36.407 ng/ul
RT: 15.457 min Scan# 2120
Delta R.T. -0.000 min
Lab File: BM048111.D
Acq: 17 Oct 2024 17:46

Tgt Ion:166 Resp: 1360378
Ion Ratio Lower Upper
166 100
165 98.7 78.2 117.2
167 13.5 10.8 16.2

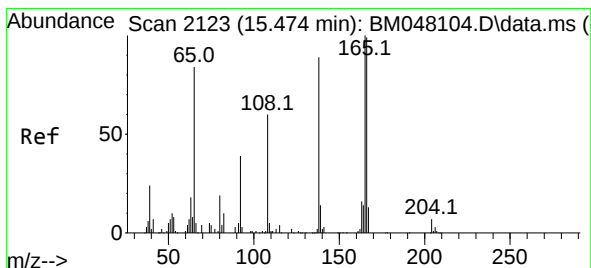
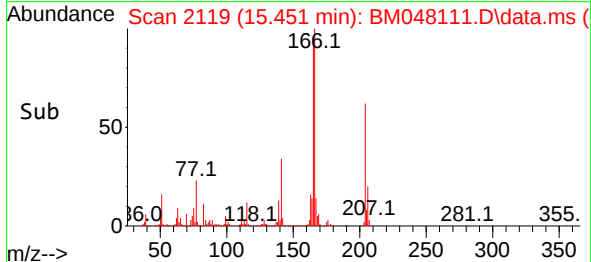
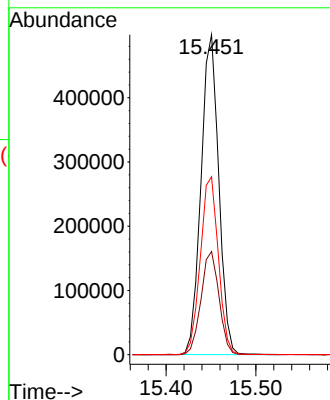
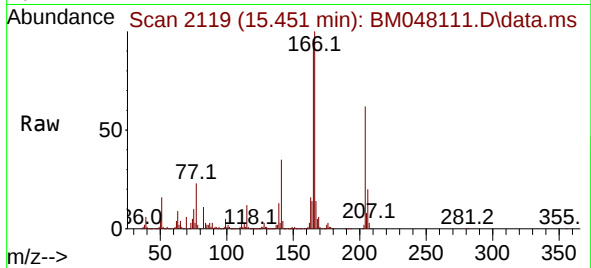




#62
4-Chlorophenyl-phenylether
Concen: 36.743 ng/ul
RT: 15.451 min Scan# 2119
Delta R.T. -0.000 min
Lab File: BM048111.D
Acq: 17 Oct 2024 17:46

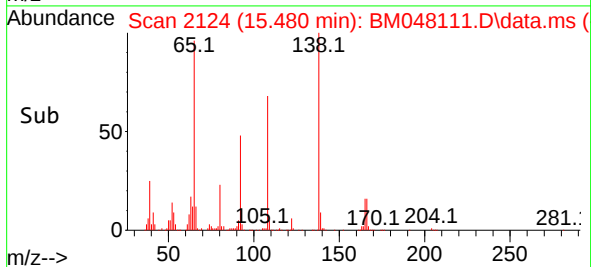
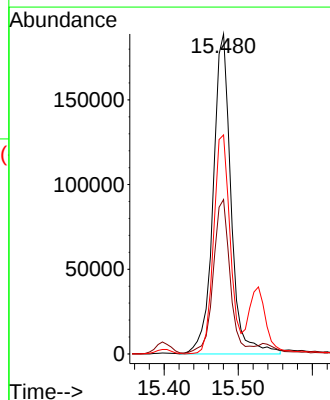
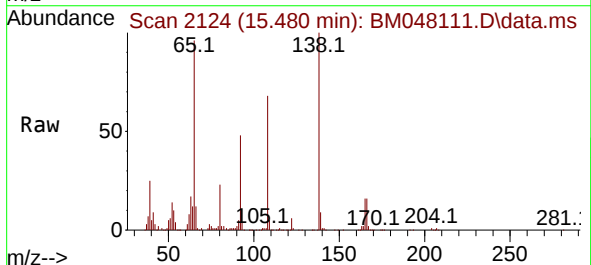
Instrument :
BNA_M
ClientSampleId :
SLCS148

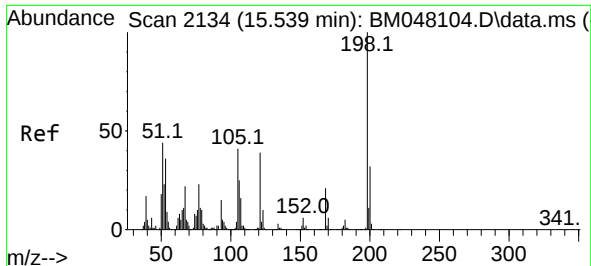
Tgt Ion:204 Resp: 682790
Ion Ratio Lower Upper
204 100
206 32.3 26.6 39.8
141 55.6 44.6 66.8



#63
4-Nitroaniline
Concen: 44.644 ng/ul
RT: 15.480 min Scan# 2124
Delta R.T. 0.006 min
Lab File: BM048111.D
Acq: 17 Oct 2024 17:46

Tgt Ion:138 Resp: 316258
Ion Ratio Lower Upper
138 100
92 48.3 36.6 55.0
108 68.4 53.8 80.6

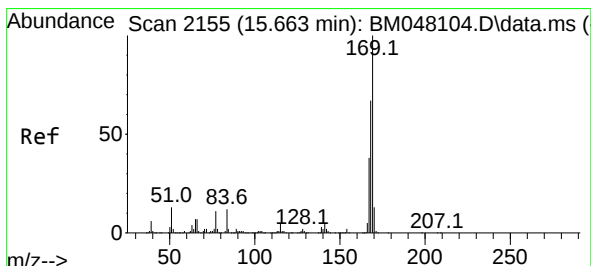
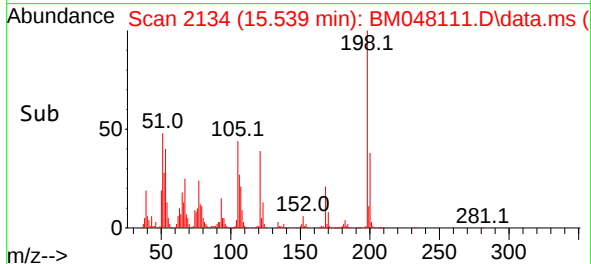
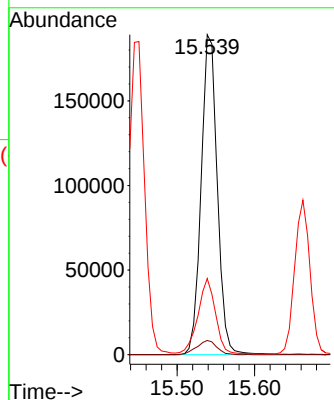
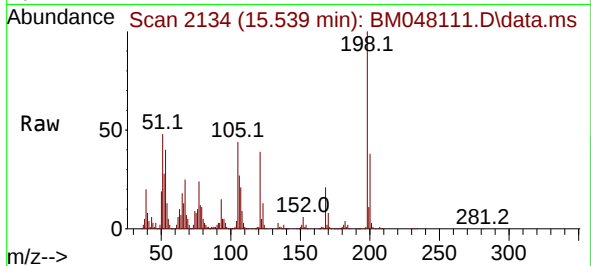




#66
4,6-Dinitro-2-methylphenol
Concen: 37.985 ng/ul
RT: 15.539 min Scan# 2134
Delta R.T. -0.000 min
Lab File: BM048111.D
Acq: 17 Oct 2024 17:46

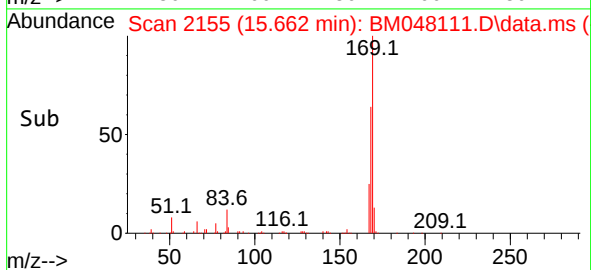
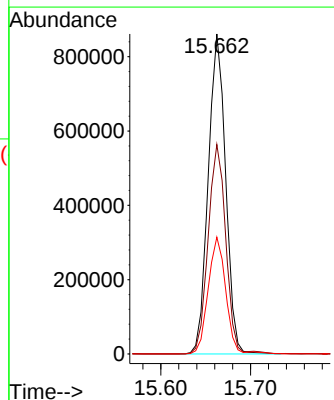
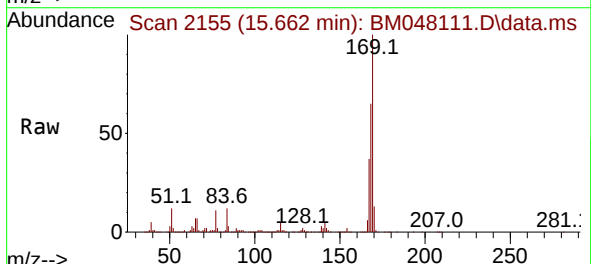
Instrument :
BNA_M
ClientSampleId :
SLCS148

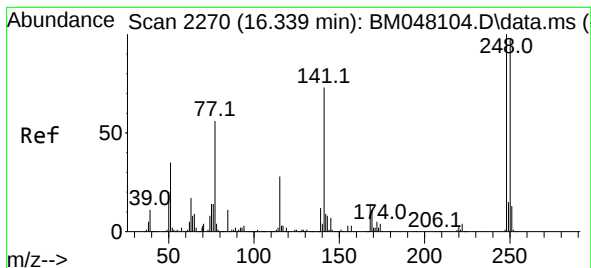
Tgt Ion:198 Resp: 273679
Ion Ratio Lower Upper
198 100
182 4.5 3.9 5.9
77 23.8 19.3 28.9



#67
N-Nitrosodiphenylamine
Concen: 37.284 ng/ul
RT: 15.662 min Scan# 2155
Delta R.T. -0.000 min
Lab File: BM048111.D
Acq: 17 Oct 2024 17:46

Tgt Ion:169 Resp: 1161055
Ion Ratio Lower Upper
169 100
168 65.5 53.5 80.3
167 36.5 30.1 45.1

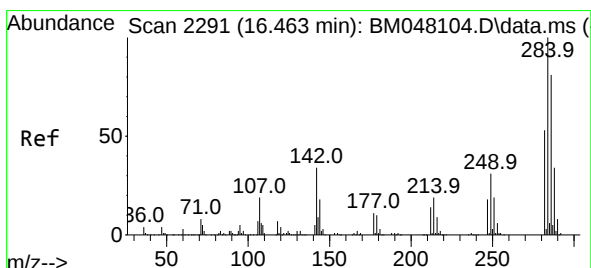
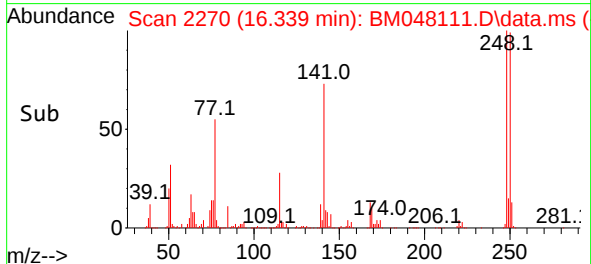
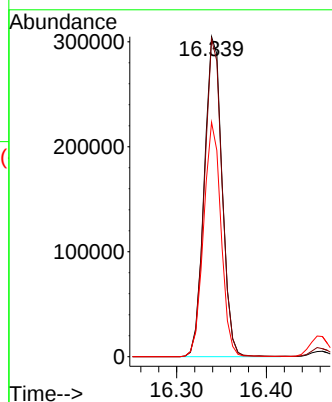
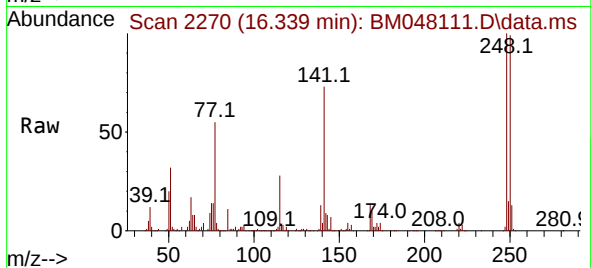




#68
4-Bromophenyl-phenylether
Concen: 37.409 ng/ul
RT: 16.339 min Scan# 211
Delta R.T. -0.000 min
Lab File: BM048111.D
Acq: 17 Oct 2024 17:46

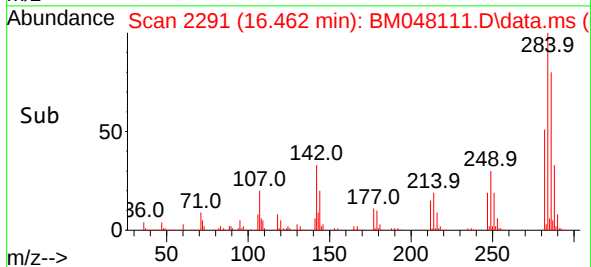
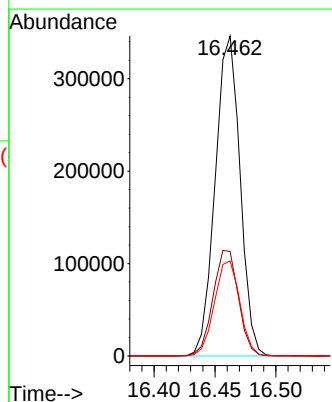
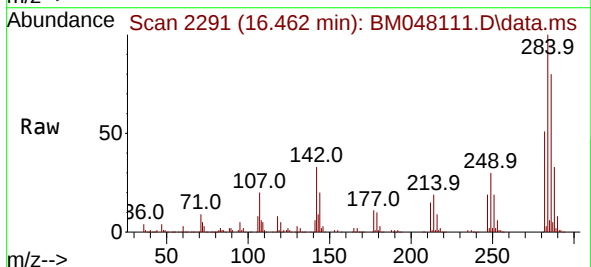
Instrument :
BNA_M
ClientSampleId :
SLCS148

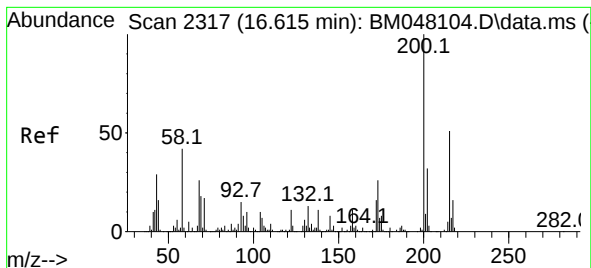
Tgt Ion:248 Resp: 420268
Ion Ratio Lower Upper
248 100
250 99.3 78.2 117.4
141 73.2 58.2 87.2



#69
Hexachlorobenzene
Concen: 37.044 ng/ul
RT: 16.462 min Scan# 2291
Delta R.T. -0.000 min
Lab File: BM048111.D
Acq: 17 Oct 2024 17:46

Tgt Ion:284 Resp: 491846
Ion Ratio Lower Upper
284 100
142 32.6 26.8 40.2
249 29.7 24.6 36.8





#70

Atrazine

Concen: 24.376 ng/ul

RT: 16.615 min Scan# 2317

Delta R.T. -0.000 min

Lab File: BM048111.D

Acq: 17 Oct 2024 17:46

Instrument :

BNA_M

ClientSampleId :

SLCS148

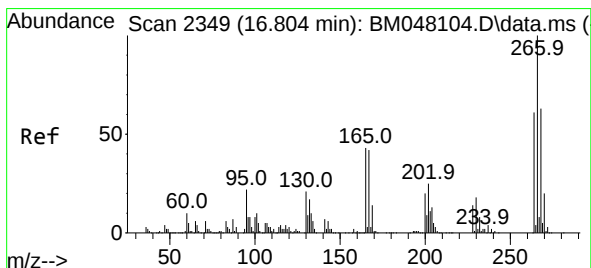
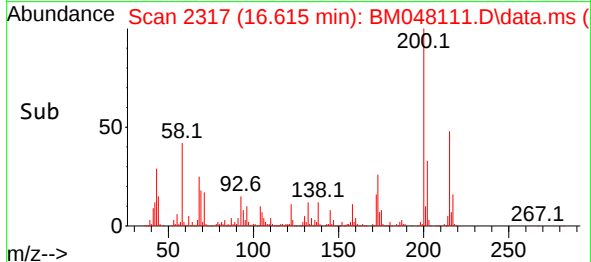
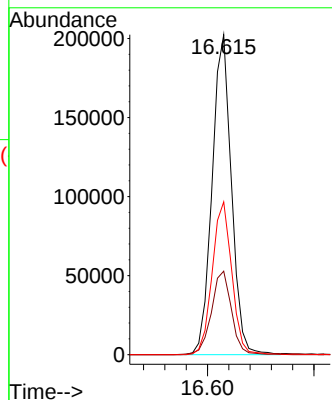
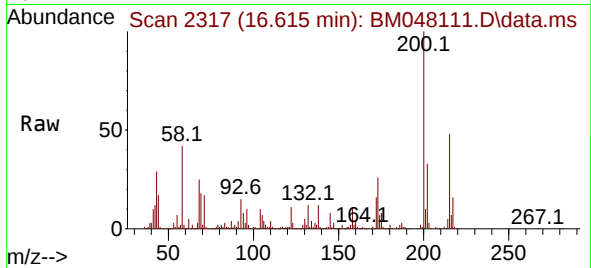
Tgt Ion:200 Resp: 254759

Ion Ratio Lower Upper

200 100

173 26.1 21.0 31.6

215 47.8 40.5 60.7



#71

Pentachlorophenol

Concen: 34.174 ng/ul

RT: 16.804 min Scan# 2349

Delta R.T. -0.000 min

Lab File: BM048111.D

Acq: 17 Oct 2024 17:46

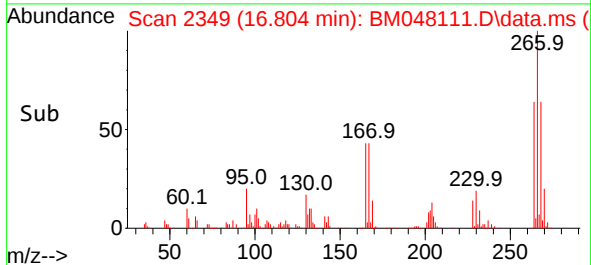
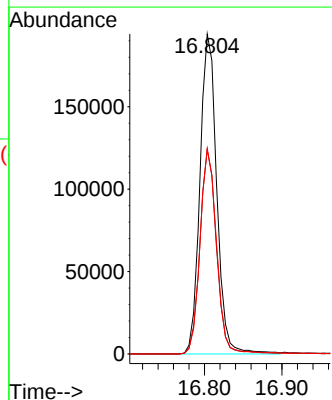
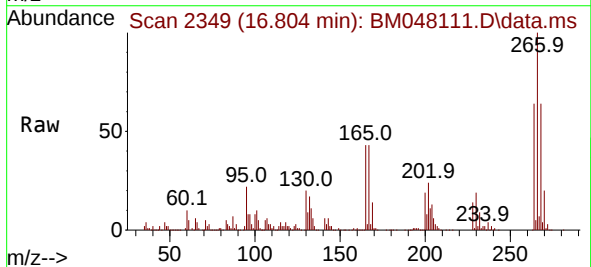
Tgt Ion:266 Resp: 292544

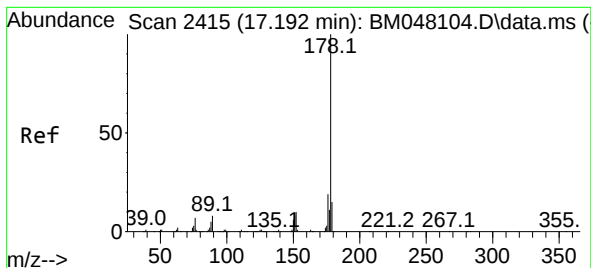
Ion Ratio Lower Upper

266 100

264 64.0 48.8 73.2

268 64.1 50.3 75.5





#72

Phenanthrene

Concen: 37.152 ng/ul

RT: 17.192 min Scan# 2415

Delta R.T. -0.000 min

Lab File: BM048111.D

Acq: 17 Oct 2024 17:46

Instrument :

BNA_M

ClientSampleId :

SLCS148

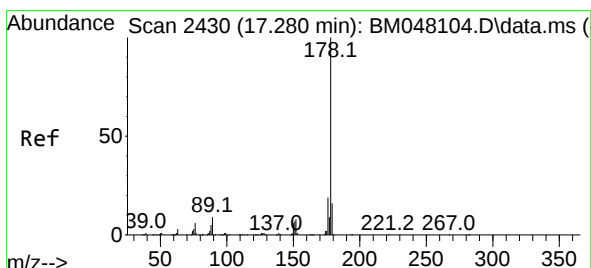
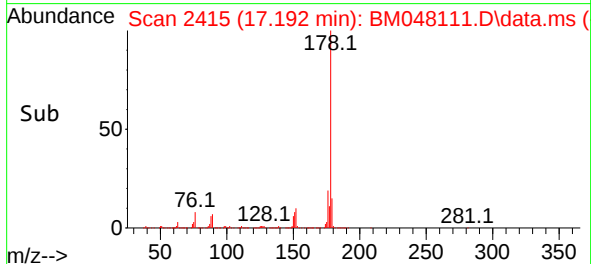
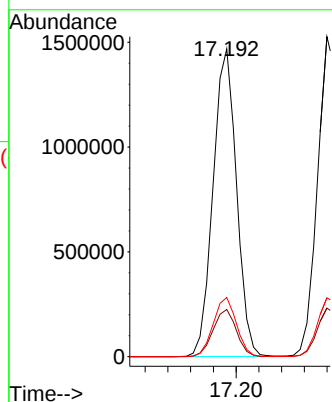
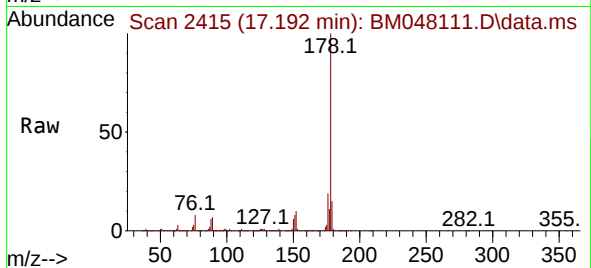
Tgt Ion:178 Resp: 2104492

Ion Ratio Lower Upper

178 100

179 15.3 12.4 18.6

176 19.3 15.6 23.4



#74

Anthracene

Concen: 37.621 ng/ul

RT: 17.280 min Scan# 2430

Delta R.T. -0.000 min

Lab File: BM048111.D

Acq: 17 Oct 2024 17:46

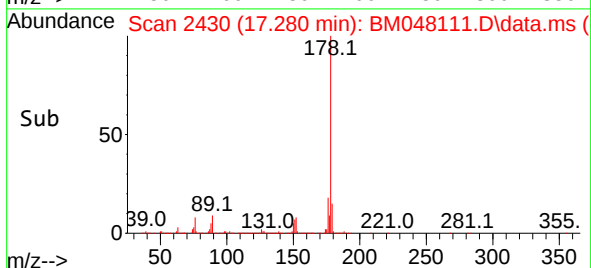
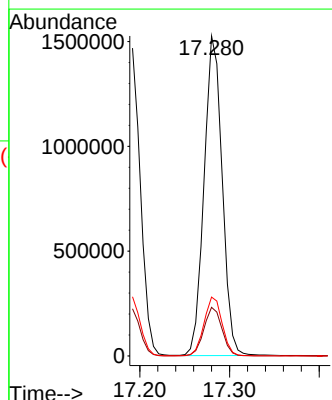
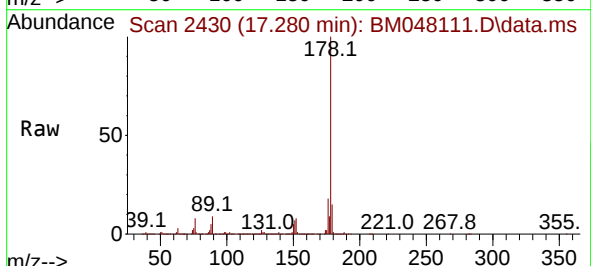
Tgt Ion:178 Resp: 2138441

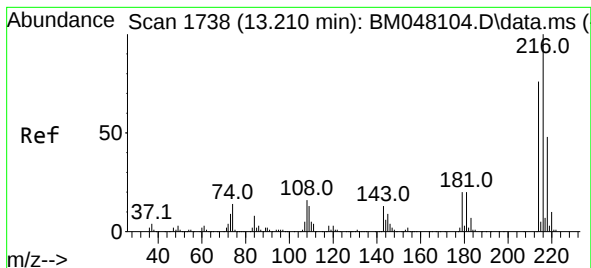
Ion Ratio Lower Upper

178 100

179 15.2 12.6 19.0

176 18.4 14.8 22.2

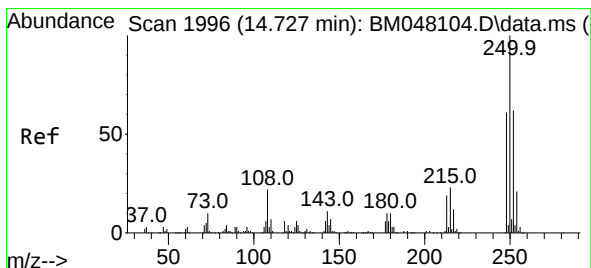
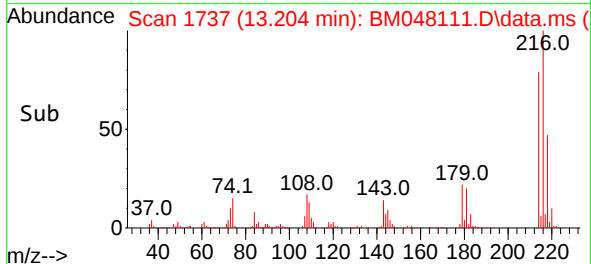
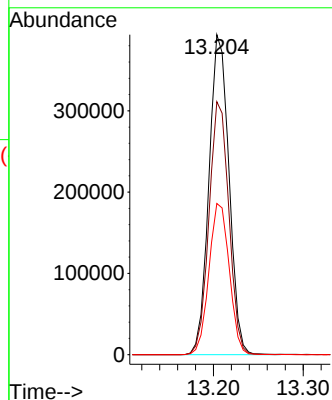
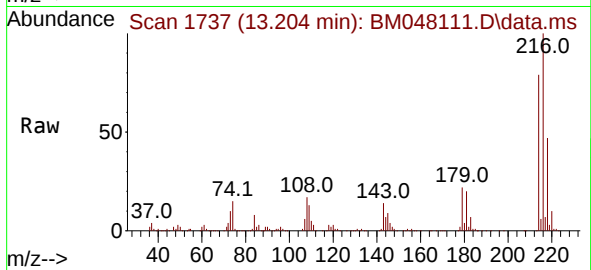




#75
1,2,3,4-Tetrachlorobenzene
Concen: 34.991 ng/uL
RT: 13.204 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM048111.D
Acq: 17 Oct 2024 17:46

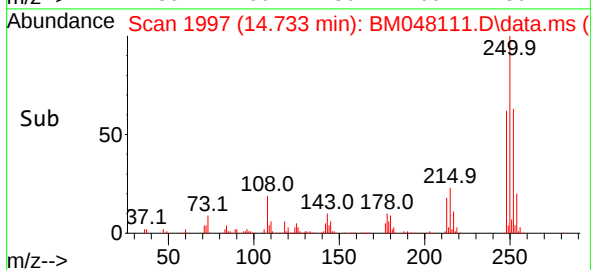
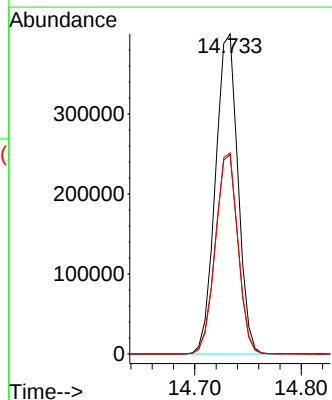
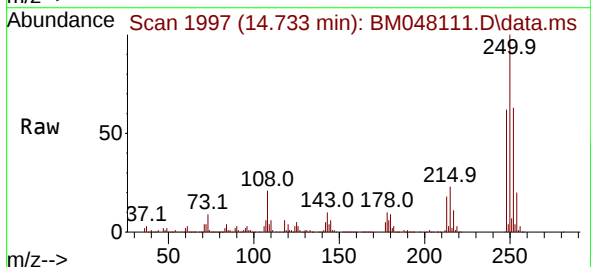
Instrument :
BNA_M
ClientSampleId :
SLCS148

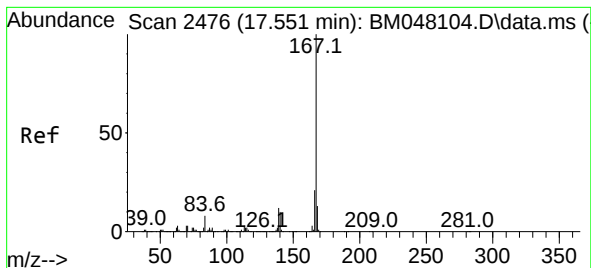
Tgt Ion:216 Resp: 609096
Ion Ratio Lower Upper
216 100
214 79.0 61.0 91.6
218 47.3 38.6 58.0



#76
Pentachlorobenzene
Concen: 34.514 ng/uL
RT: 14.733 min Scan# 1997
Delta R.T. 0.006 min
Lab File: BM048111.D
Acq: 17 Oct 2024 17:46

Tgt Ion:250 Resp: 585039
Ion Ratio Lower Upper
250 100
248 62.4 49.0 73.4
252 62.8 49.7 74.5





#77

Carbazole

Concen: 38.682 ng/ul

RT: 17.551 min Scan# 2476

Delta R.T. -0.000 min

Lab File: BM048111.D

Acq: 17 Oct 2024 17:46

Instrument :

BNA_M

ClientSampleId :

SLCS148

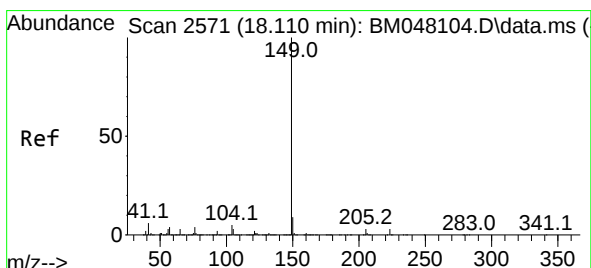
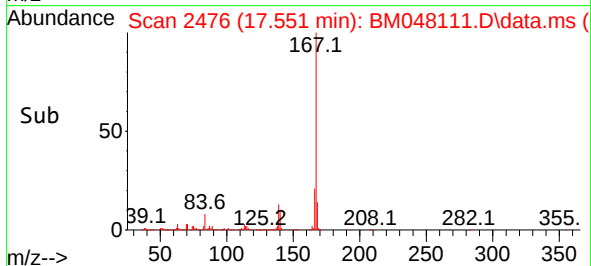
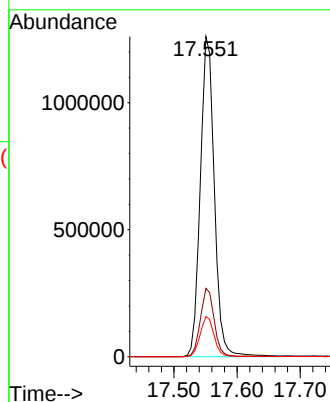
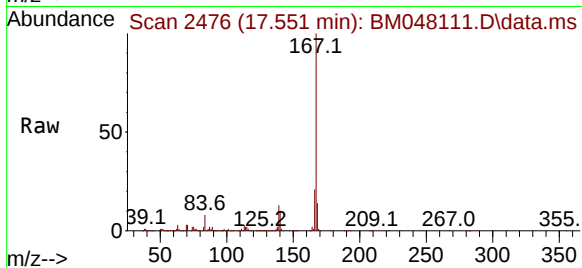
Tgt Ion:167 Resp: 1947661

Ion Ratio Lower Upper

167 100

166 21.3 16.9 25.3

139 12.6 9.9 14.9



#78

Di-n-butylphthalate

Concen: 37.590 ng/ul

RT: 18.109 min Scan# 2571

Delta R.T. -0.000 min

Lab File: BM048111.D

Acq: 17 Oct 2024 17:46

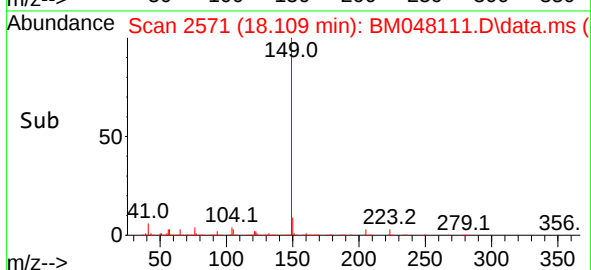
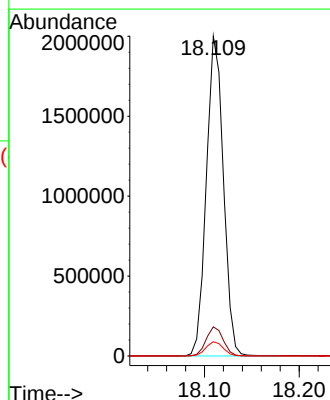
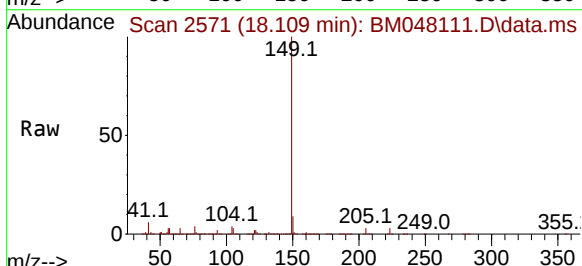
Tgt Ion:149 Resp: 2492817

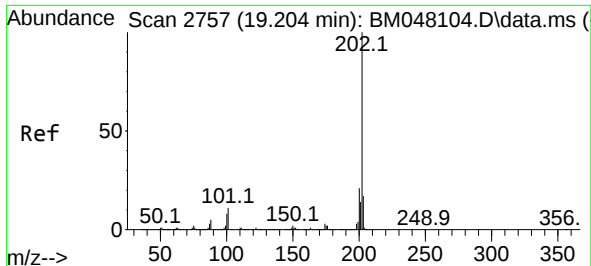
Ion Ratio Lower Upper

149 100

150 9.1 7.4 11.2

104 4.4 3.7 5.5

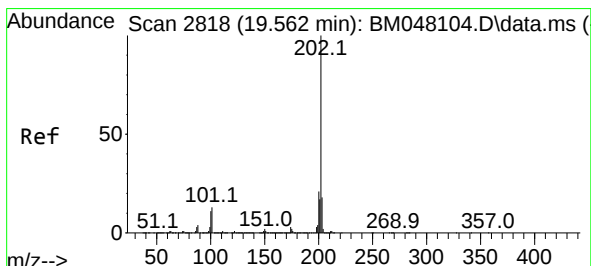
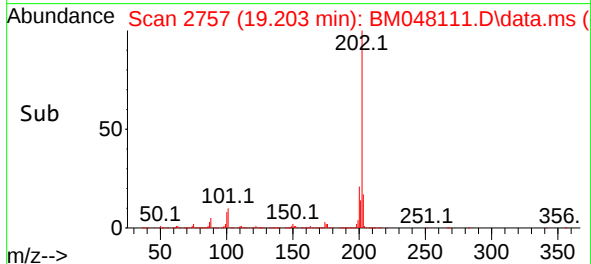
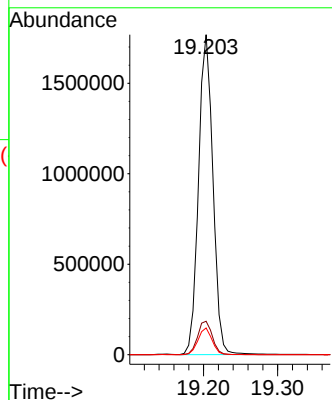
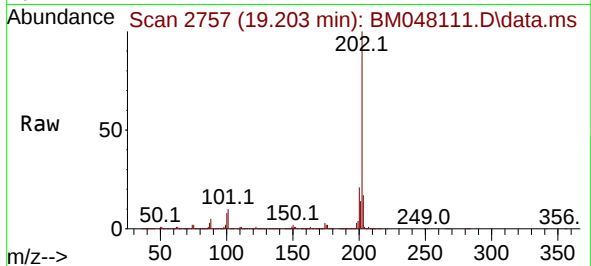




#80
Fluoranthene
Concen: 37.006 ng/u1
RT: 19.203 min Scan# 21
Delta R.T. -0.000 min
Lab File: BM048111.D
Acq: 17 Oct 2024 17:46

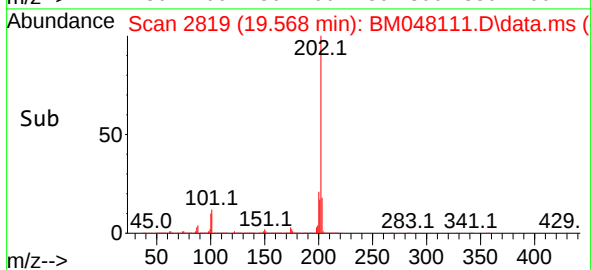
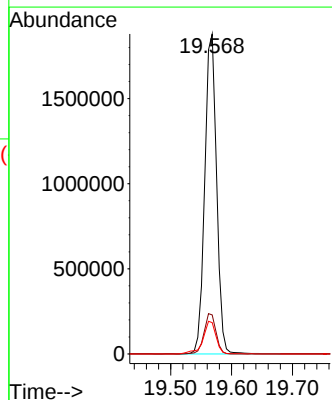
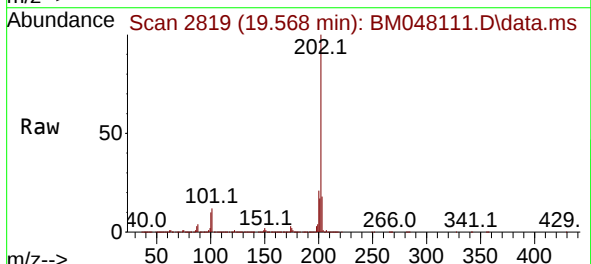
Instrument :
BNA_M
ClientSampleId :
SLCS148

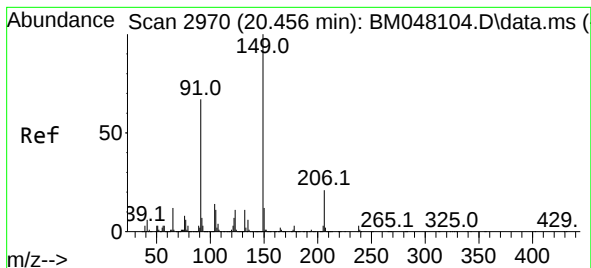
Tgt Ion:202 Resp: 2382664
Ion Ratio Lower Upper
202 100
101 10.5 8.6 12.8
100 8.3 6.6 10.0



#82
Pyrene
Concen: 37.059 ng/u1
RT: 19.568 min Scan# 2819
Delta R.T. 0.006 min
Lab File: BM048111.D
Acq: 17 Oct 2024 17:46

Tgt Ion:202 Resp: 2541742
Ion Ratio Lower Upper
202 100
101 12.2 10.4 15.6
100 9.8 8.5 12.7





#83

Butylbenzylphthalate

Concen: 37.484 ng/ul

RT: 20.456 min Scan# 2970

Delta R.T. -0.000 min

Lab File: BM048111.D

Acq: 17 Oct 2024 17:46

Instrument :

BNA_M

ClientSampleId :

SLCS148

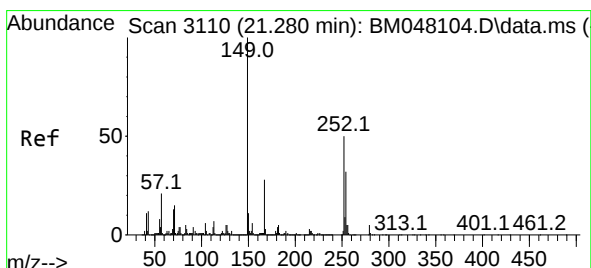
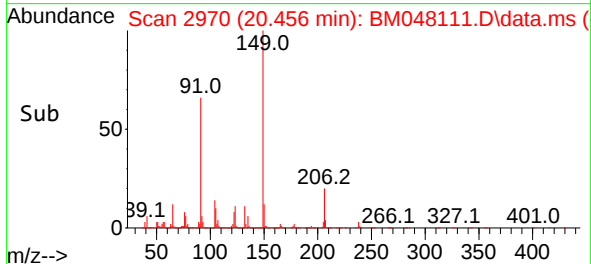
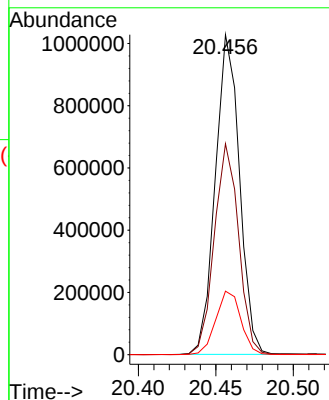
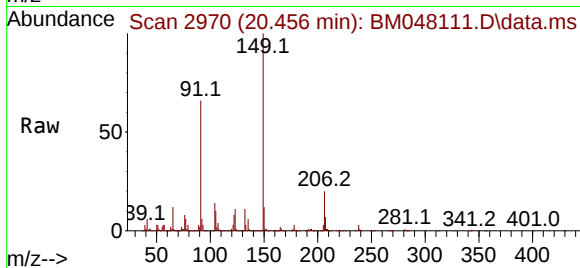
Tgt Ion:149 Resp: 1116874

Ion Ratio Lower Upper

149 100

91 65.9 53.2 79.8

206 19.8 16.6 24.8



#84

3,3'-Dichlorobenzidine

Concen: 39.106 ng/ul

RT: 21.280 min Scan# 3110

Delta R.T. -0.000 min

Lab File: BM048111.D

Acq: 17 Oct 2024 17:46

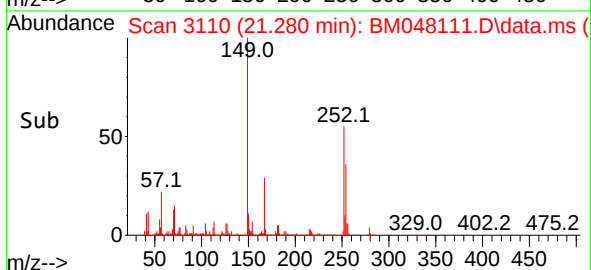
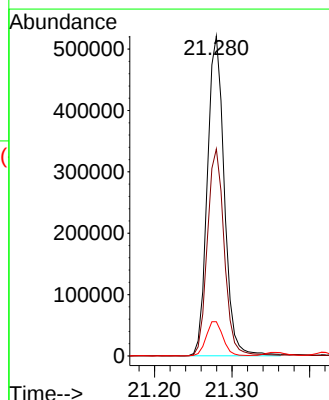
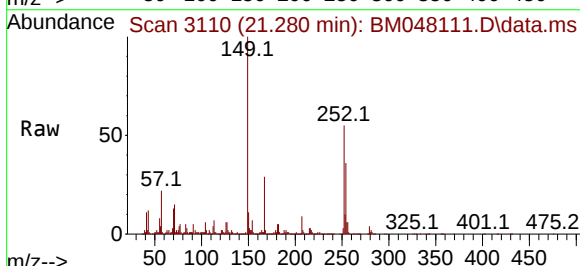
Tgt Ion:252 Resp: 789838

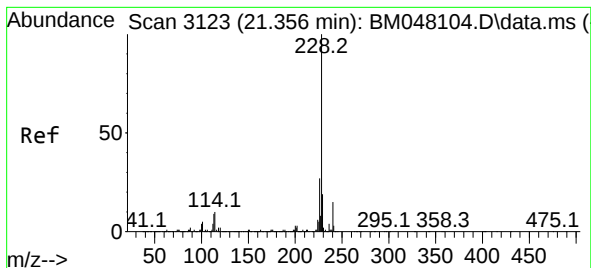
Ion Ratio Lower Upper

252 100

254 64.7 51.0 76.6

126 10.7 8.5 12.7





#85

Benzo(a)anthracene

Concen: 36.918 ng/ul

RT: 21.356 min Scan# 3123

Delta R.T. -0.000 min

Lab File: BM048111.D

Acq: 17 Oct 2024 17:46

Instrument :

BNA_M

ClientSampleId :

SLCS148

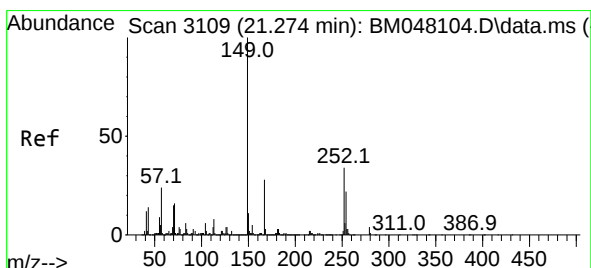
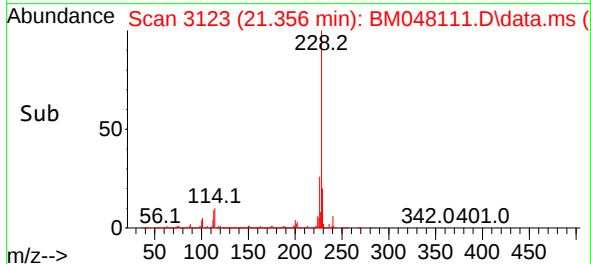
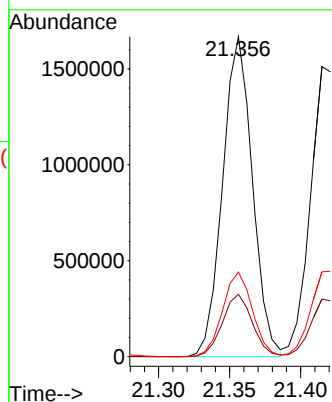
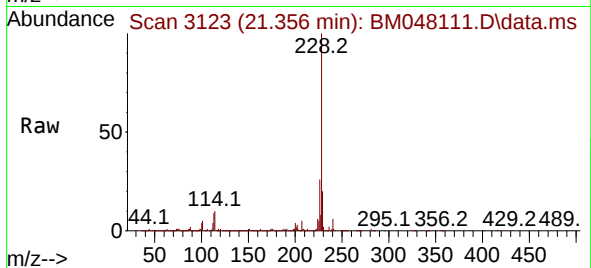
Tgt Ion:228 Resp: 2430913

Ion Ratio Lower Upper

228 100

229 19.5 15.4 23.2

226 26.5 21.3 31.9



#86

Bis(2-ethylhexyl)phthalate

Concen: 37.333 ng/ul

RT: 21.274 min Scan# 3109

Delta R.T. -0.000 min

Lab File: BM048111.D

Acq: 17 Oct 2024 17:46

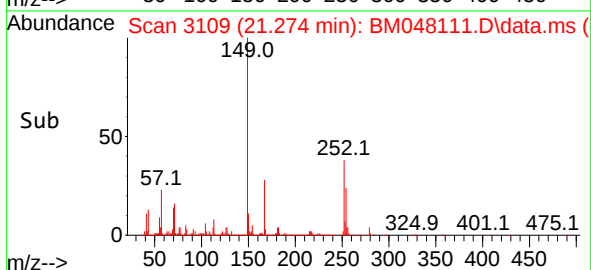
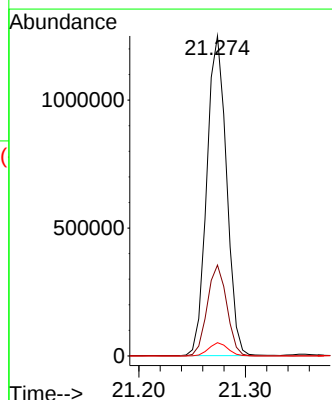
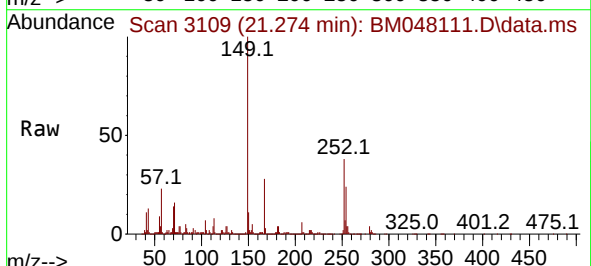
Tgt Ion:149 Resp: 1608022

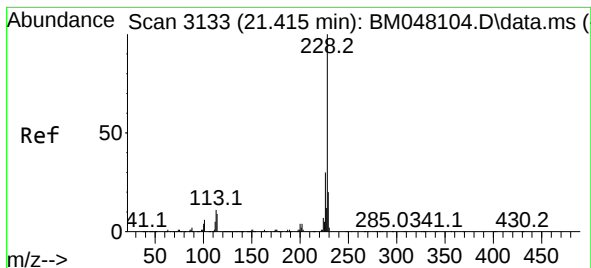
Ion Ratio Lower Upper

149 100

167 28.4 22.5 33.7

279 4.1 3.4 5.0





#87

Chrysene

Concen: 37.098 ng/ul

RT: 21.415 min Scan# 31

Delta R.T. -0.000 min

Lab File: BM048111.D

Acq: 17 Oct 2024 17:46

Instrument :

BNA_M

ClientSampleId :

SLCS148

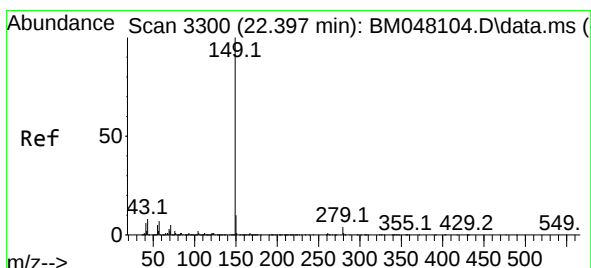
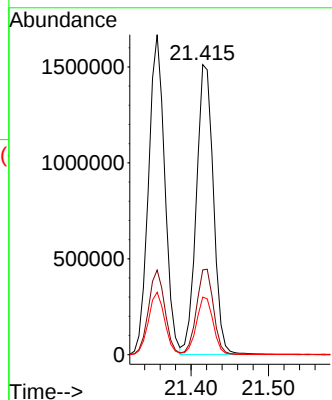
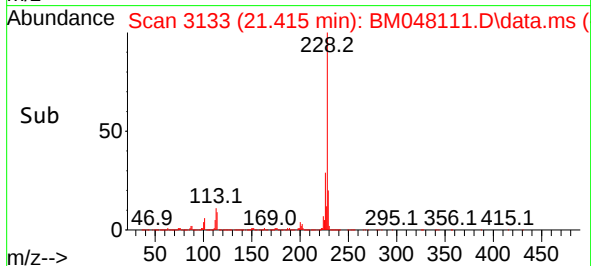
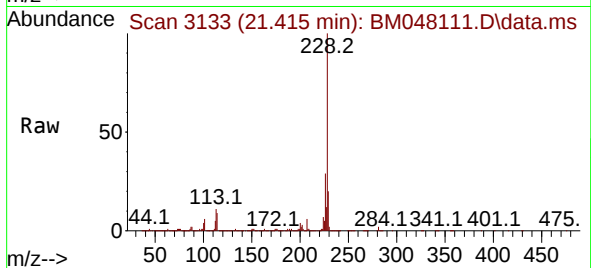
Tgt Ion:228 Resp: 2302023

Ion Ratio Lower Upper

228 100

226 29.2 23.6 35.4

229 19.8 15.9 23.9



#89

Di-n-octyl phthalate

Concen: 38.020 ng/ul

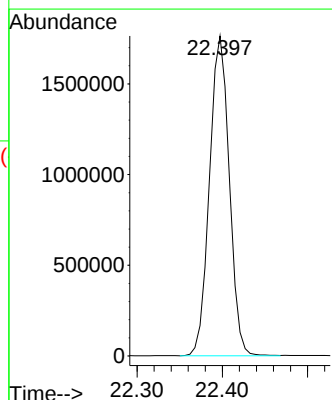
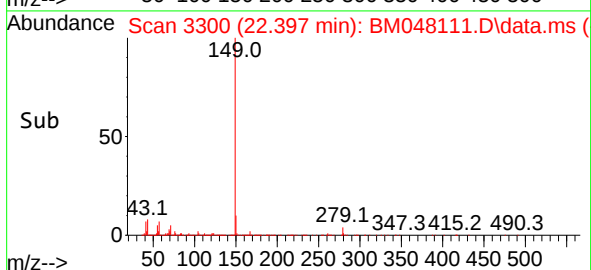
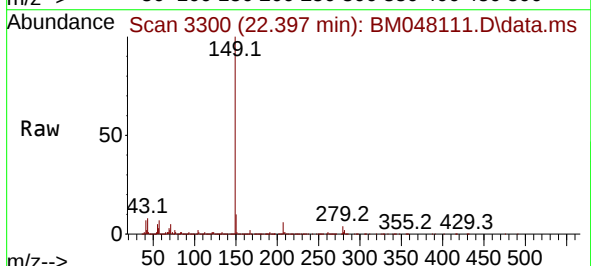
RT: 22.397 min Scan# 3300

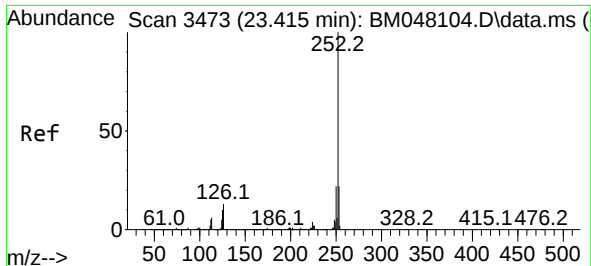
Delta R.T. -0.000 min

Lab File: BM048111.D

Acq: 17 Oct 2024 17:46

Tgt Ion:149 Resp: 2842764

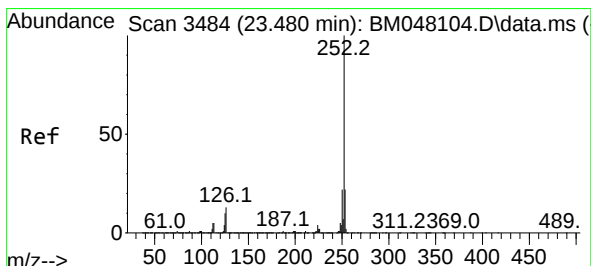
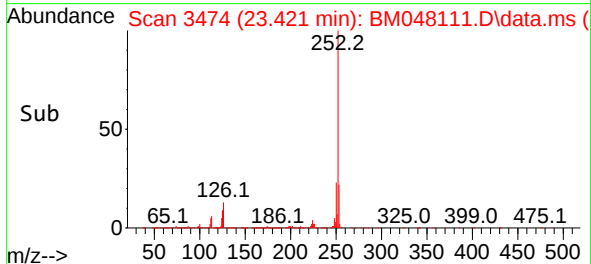
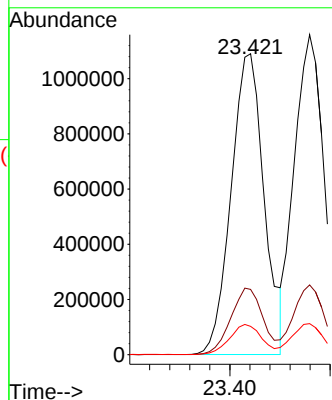
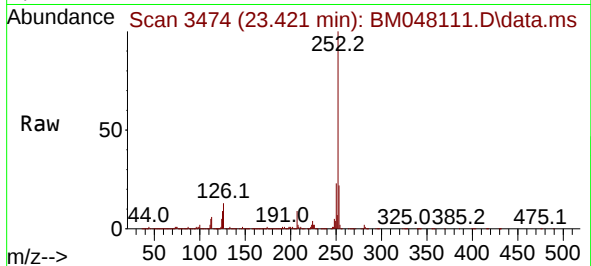




#90
Benzo(b)fluoranthene
Concen: 38.194 ng/ul
RT: 23.421 min Scan# 3473
Delta R.T. 0.006 min
Lab File: BM048111.D
Acq: 17 Oct 2024 17:46

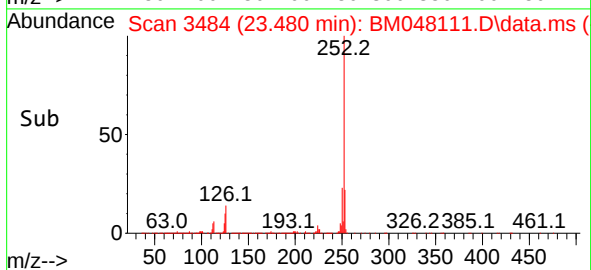
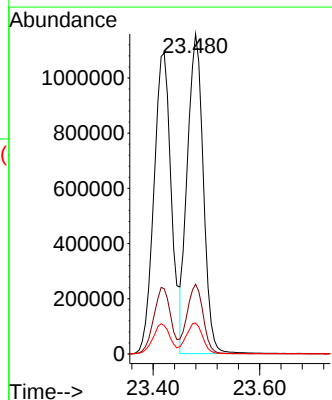
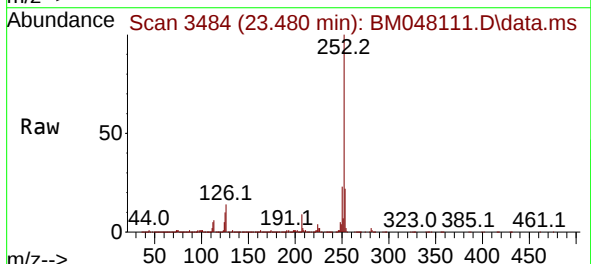
Instrument :
BNA_M
ClientSampleId :
SLCS148

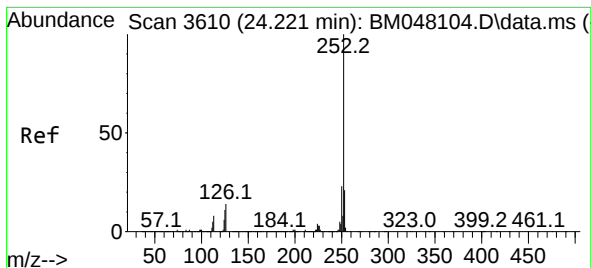
Tgt Ion:252 Resp: 2492975
Ion Ratio Lower Upper
252 100
253 21.7 17.6 26.4
125 9.4 7.8 11.6



#91
Benzo(k)fluoranthene
Concen: 37.037 ng/ul
RT: 23.480 min Scan# 3484
Delta R.T. -0.000 min
Lab File: BM048111.D
Acq: 17 Oct 2024 17:46

Tgt Ion:252 Resp: 2407668
Ion Ratio Lower Upper
252 100
253 21.8 17.3 25.9
125 9.7 7.8 11.6





#93

Benzo(a)pyrene

Concen: 36.570 ng/ul

RT: 24.221 min Scan# 3

Delta R.T. -0.000 min

Lab File: BM048111.D

Acq: 17 Oct 2024 17:46

Instrument :

BNA_M

ClientSampleId :

SLCS148

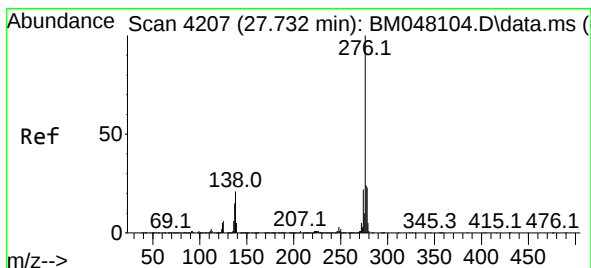
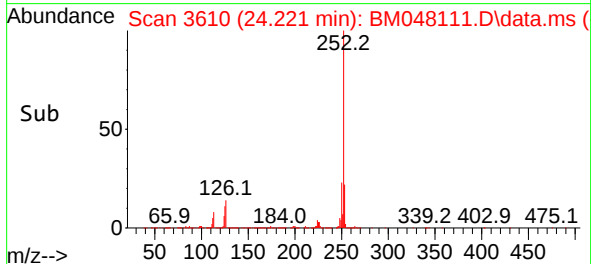
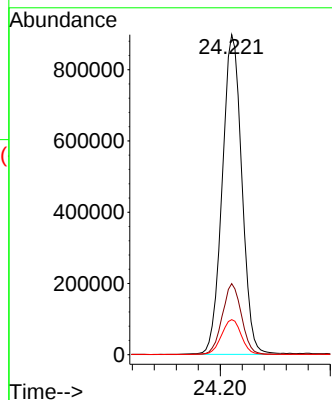
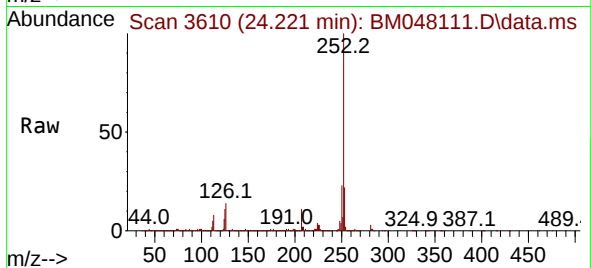
Tgt Ion:252 Resp: 2222065

Ion Ratio Lower Upper

252 100

253 22.2 17.3 25.9

125 10.9 8.7 13.1



#94

Indeno(1,2,3-cd)pyrene

Concen: 37.461 ng/ul

RT: 27.726 min Scan# 4206

Delta R.T. -0.006 min

Lab File: BM048111.D

Acq: 17 Oct 2024 17:46

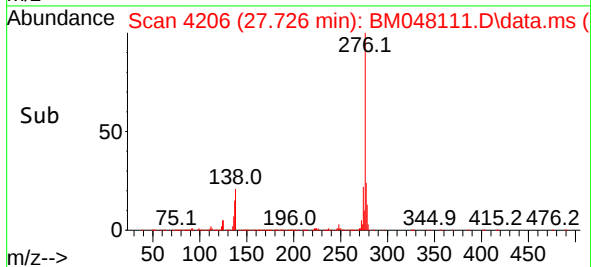
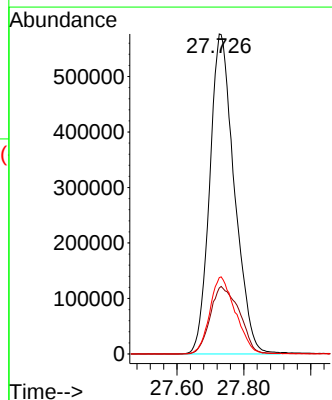
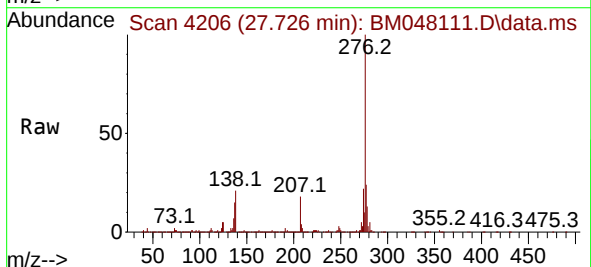
Tgt Ion:276 Resp: 2950859

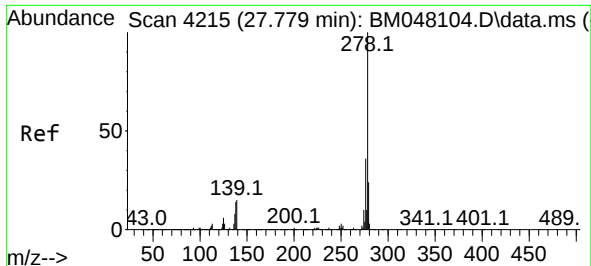
Ion Ratio Lower Upper

276 100

138 20.6 16.7 25.1

277 23.9 19.1 28.7

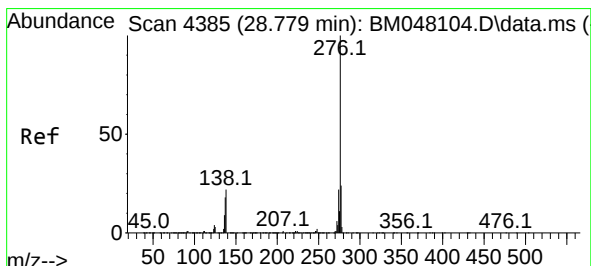
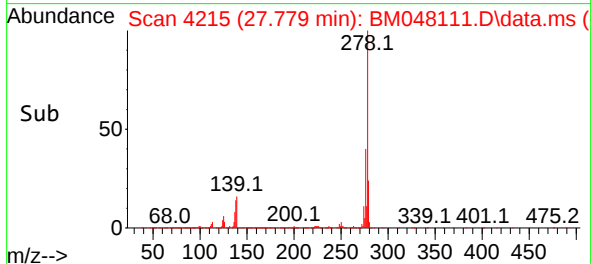
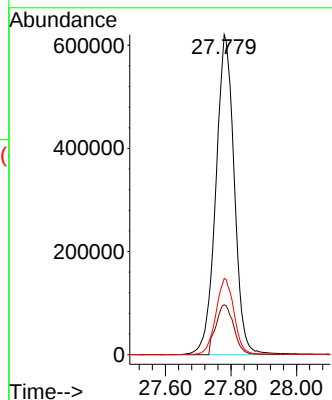
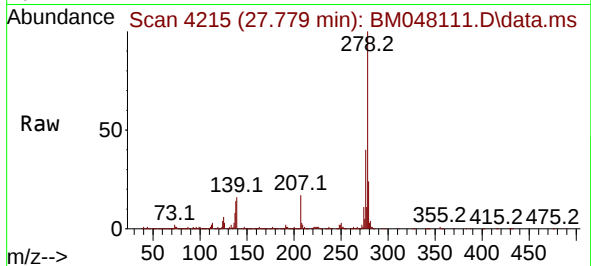




#95
Dibenzo(a,h)anthracene
Concen: 37.925 ng/ul
RT: 27.779 min Scan# 4215
Delta R.T. -0.000 min
Lab File: BM048111.D
Acq: 17 Oct 2024 17:46

Instrument :
BNA_M
ClientSampleId :
SLCS148

Tgt Ion:278 Resp: 2413690
Ion Ratio Lower Upper
278 100
139 15.6 12.3 18.5
279 23.8 19.3 28.9



#96
Benzo(g,h,i)perylene
Concen: 37.414 ng/ul
RT: 28.785 min Scan# 4386
Delta R.T. 0.006 min
Lab File: BM048111.D
Acq: 17 Oct 2024 17:46

Tgt Ion:276 Resp: 2293626
Ion Ratio Lower Upper
276 100
138 21.0 17.8 26.6
277 23.6 19.0 28.6

