

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM082624\
 Data File : BM047348.D
 Acq On : 26 Aug 2024 15:02
 Operator : RC/JU
 Sample : SSTDICCC040
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICCC040

Quant Time: Aug 26 17:59:17 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM082624.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 26 17:49:36 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.351	152	250362	20.000	ng	0.00
21) Naphthalene-d8	10.104	136	992556	20.000	ng	0.00
39) Acenaphthene-d10	14.010	164	673216	20.000	ng	0.00
64) Phenanthrene-d10	16.774	188	1330139	20.000	ng	0.00
76) Chrysene-d12	21.021	240	999229	20.000	ng	0.00
86) Perylene-d12	23.715	264	1117977	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.004	112	1043589	79.972	ng	0.00
7) Phenol-d6	6.569	99	1438152	80.900	ng	0.00
23) Nitrobenzene-d5	8.498	82	1483483	82.930	ng	0.00
42) 2,4,6-Tribromophenol	15.527	330	662508	81.567	ng	0.00
45) 2-Fluorobiphenyl	12.616	172	3610156	82.396	ng	0.00
79) Terphenyl-d14	19.445	244	4698978	83.704	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.022	88	212228	39.733	ng	100
3) Pyridine	3.399	79	465077	31.359	ng	100
4) n-Nitrosodimethylamine	3.316	42	247907	41.061	ng	100
6) Aniline	6.704	93	664150	41.250	ng	100
8) 2-Chlorophenol	6.928	128	586319	40.142	ng	100
9) Benzaldehyde	6.516	77	378590	41.366	ng	100
10) Phenol	6.598	94	702455	40.163	ng	100
11) bis(2-Chloroethyl)ether	6.804	93	613232	40.460	ng	100
12) 1,3-Dichlorobenzene	7.239	146	726665	40.685	ng	100
13) 1,4-Dichlorobenzene	7.387	146	734859	40.626	ng	100
14) 1,2-Dichlorobenzene	7.692	146	694045	40.488	ng	100
15) Benzyl Alcohol	7.604	79	567809	46.300	ng	100
16) 2,2'-oxybis(1-Chloropr...	7.892	45	751672	41.361	ng	100
17) 2-Methylphenol	7.816	107	504297	41.501	ng	100
18) Hexachloroethane	8.398	117	275010	40.671	ng	100
19) n-Nitroso-di-n-propyla...	8.163	70	486225	39.789	ng	100
20) 3+4-Methylphenols	8.145	107	701001	41.491	ng	100
22) Acetophenone	8.175	105	935371	40.606	ng	100
24) Nitrobenzene	8.539	77	770690	41.890	ng	100
25) Isophorone	9.063	82	1391231	41.149	ng	100
26) 2-Nitrophenol	9.239	139	387999	42.875	ng	100
27) 2,4-Dimethylphenol	9.328	122	425028	41.609	ng	100
28) bis(2-Chloroethoxy)met...	9.551	93	858685	41.475	ng	100
29) 2,4-Dichlorophenol	9.781	162	679042	42.853	ng	100
30) 1,2,4-Trichlorobenzene	9.975	180	754765	41.238	ng	100
31) Naphthalene	10.157	128	1967454	40.584	ng	100
32) Benzoic acid	9.522	122	511473	41.940	ng	100
33) 4-Chloroaniline	10.292	127	749979	41.607	ng	100
34) Hexachlorobutadiene	10.433	225	474390	41.502	ng	100
35) Caprolactam	11.098	113	207834	40.445	ng	100
36) 4-Chloro-3-methylphenol	11.439	107	669129	41.583	ng	100
37) 2-Methylnaphthalene	11.780	142	1438438	40.695	ng	100
38) 1-Methylnaphthalene	12.004	142	1423485	40.719	ng	100
40) 1,2,4,5-Tetrachloroben...	12.163	216	837204	41.996	ng	100
41) Hexachlorocyclopentadiene	12.133	237	275582	43.801	ng	100
43) 2,4,6-Trichlorophenol	12.427	196	576422	42.180	ng	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.510	196	638597	42.077	ng	100
46) 1,1'-Biphenyl	12.833	154	1928294	41.021	ng	100
47) 2-Chloronaphthalene	12.869	162	1502379	40.784	ng	100
48) 2-Nitroaniline	13.098	65	435937	42.247	ng	100
49) Acenaphthylene	13.727	152	2208955	41.259	ng	100
50) Dimethylphthalate	13.492	163	1886055	40.659	ng	100
51) 2,6-Dinitrotoluene	13.616	165	449657	41.634	ng	100
52) Acenaphthene	14.080	154	1386265	40.787	ng	100
53) 3-Nitroaniline	13.945	138	418070	41.949	ng	100
54) 2,4-Dinitrophenol	14.168	184	280582	42.185	ng	100
55) Dibenzofuran	14.421	168	2225445	40.651	ng	100
56) 4-Nitrophenol	14.304	139	322558	41.405	ng	100
57) 2,4-Dinitrotoluene	14.416	165	573642	41.029	ng	100
58) Fluorene	15.074	166	1793321	40.476	ng	100
59) 2,3,4,6-Tetrachlorophenol	14.663	232	515807	41.378	ng	100
60) Diethylphthalate	14.874	149	1850886	40.450	ng	100
61) 4-Chlorophenyl-phenyle...	15.080	204	909412	40.349	ng	100
62) 4-Nitroaniline	15.127	138	384498	41.706	ng	100
63) Azobenzene	15.374	77	1626025	40.808	ng	100
65) 4,6-Dinitro-2-methylph...	15.192	198	362344	44.383	ng	100
66) n-Nitrosodiphenylamine	15.304	169	1525888	41.924	ng	100
67) 4-Bromophenyl-phenylether	15.974	248	587242	41.849	ng	100
68) Hexachlorobenzene	16.080	284	675175	41.659	ng	100
69) Atrazine	16.274	200	428703	36.036	ng	100
70) Pentachlorophenol	16.439	266	451619	43.100	ng	100
71) Phenanthrene	16.821	178	2653203	41.073	ng	100
72) Anthracene	16.909	178	2611597	41.472	ng	100
73) Carbazole	17.198	167	2497502	41.330	ng	100
74) Di-n-butylphthalate	17.774	149	3068722	41.704	ng	100
75) Fluoranthene	18.856	202	3094789	40.802	ng	100
77) Benzidine	19.068	184	1012571	60.708	ng	100
78) Pyrene	19.221	202	3193970	41.676	ng	100
80) Butylbenzylphthalate	20.162	149	1283893	42.810	ng	100
81) Benzo(a)anthracene	21.003	228	2708966	41.572	ng	100
82) 3,3'-Dichlorobenzidine	20.945	252	957021	43.660	ng	100
83) Chrysene	21.062	228	2530820	41.288	ng	100
84) Bis(2-ethylhexyl)phtha...	20.956	149	1783075	42.067	ng	100
85) Di-n-octyl phthalate	21.986	149	3039177	42.608	ng	100
87) Indeno(1,2,3-cd)pyrene	26.709	276	2938511	41.988	ng	100
88) Benzo(b)fluoranthene	22.874	252	2718789	41.683	ng	100
89) Benzo(k)fluoranthene	22.933	252	2525713	40.848	ng	100
90) Benzo(a)pyrene	23.591	252	2353484	41.724	ng	100
91) Dibenzo(a,h)anthracene	26.756	278	2372896	41.853	ng	100
92) Benzo(g,h,i)perylene	27.638	276	2482161	42.112	ng	100

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

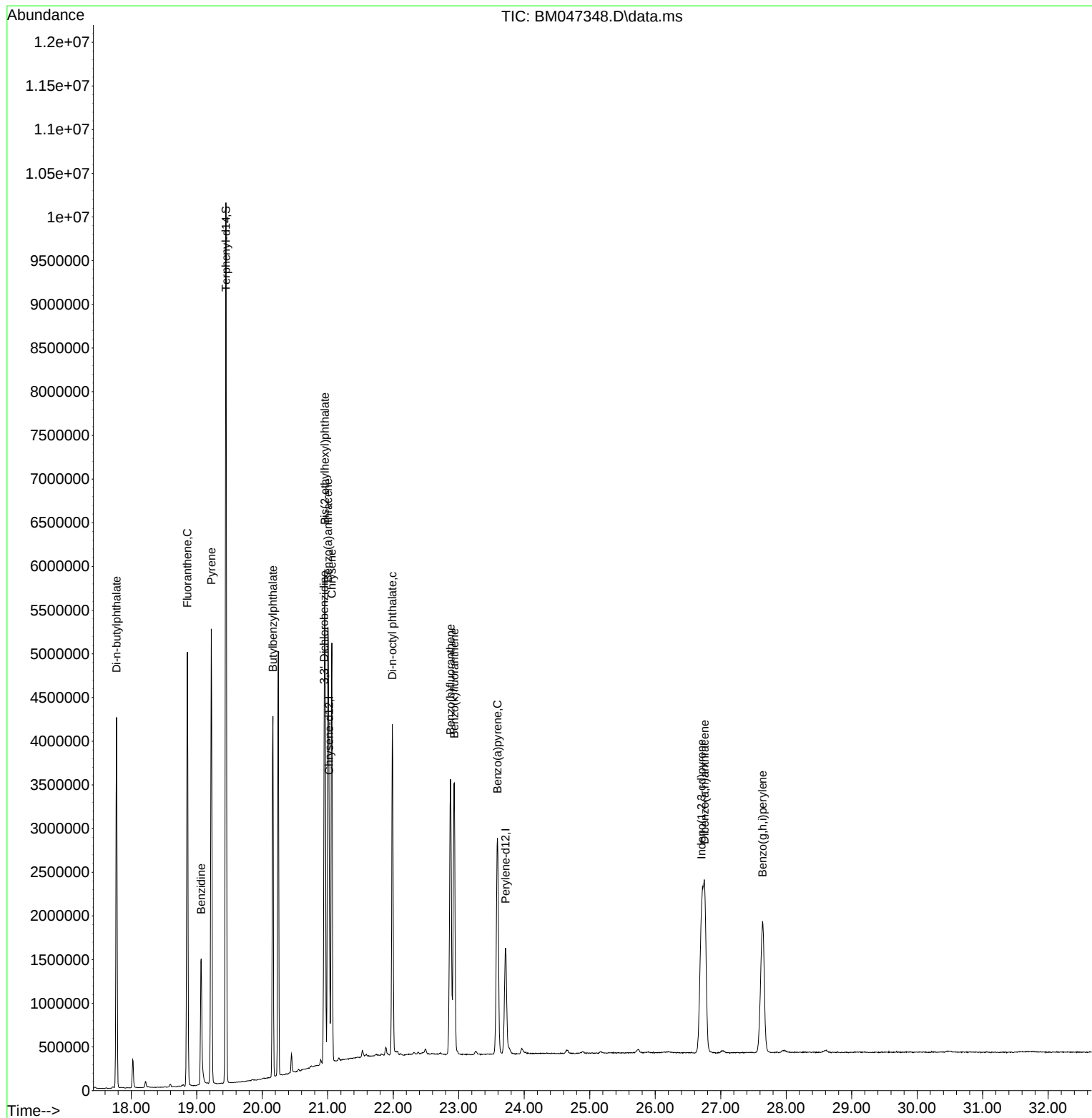
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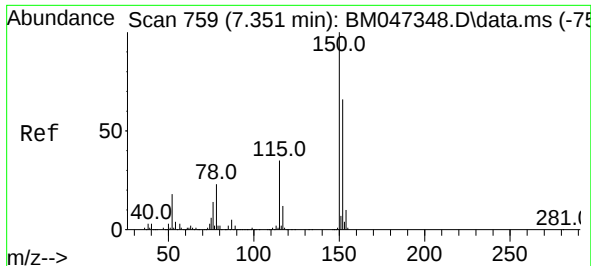


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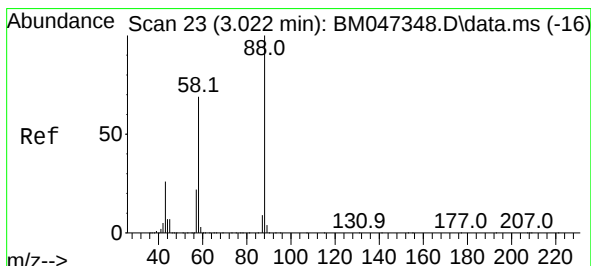
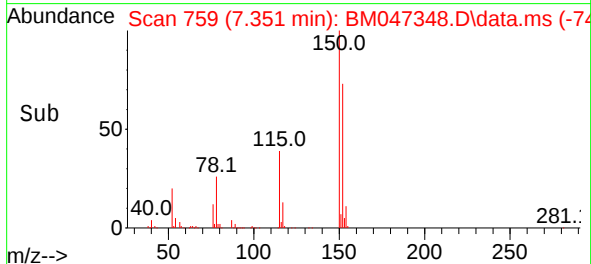
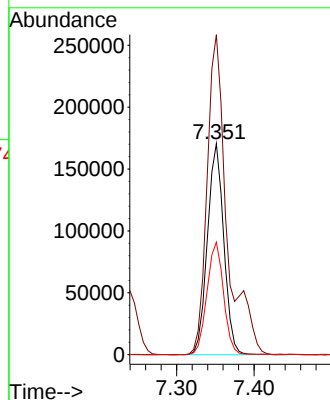
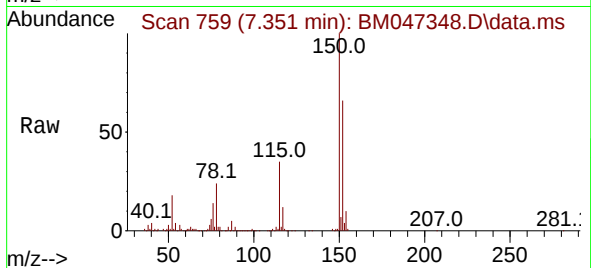




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.351 min Scan# 759
Delta R.T. 0.000 min
Lab File: BM047348.D
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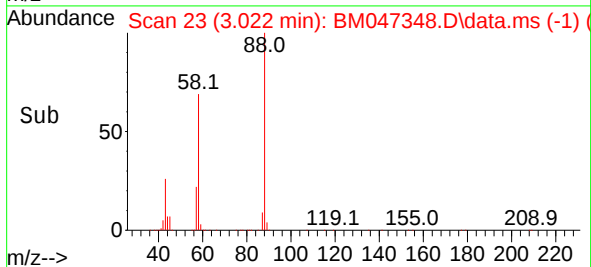
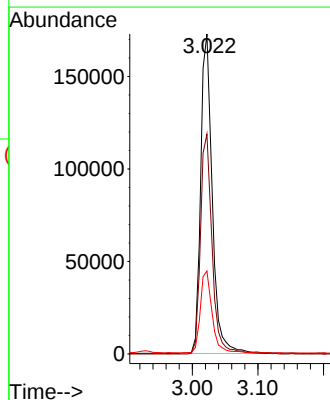
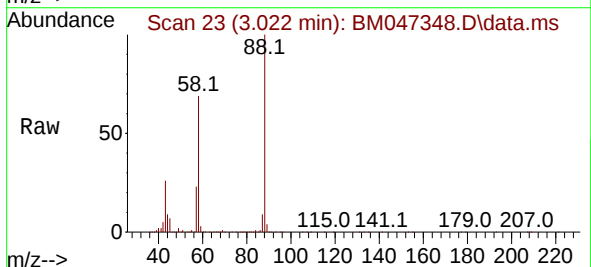
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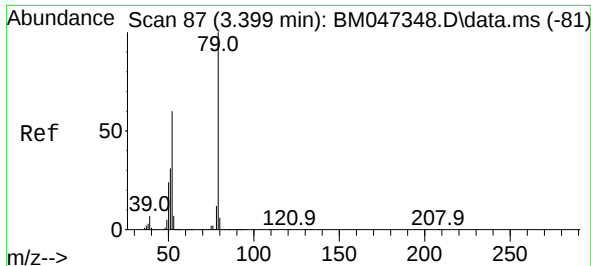
Tgt Ion:152 Resp: 250362
Ion Ratio Lower Upper
152 100
150 151.6 121.3 181.9
115 53.3 42.6 64.0



#2
1,4-Dioxane
Concen: 39.733 ng
RT: 3.022 min Scan# 23
Delta R.T. 0.000 min
Lab File: BM047348.D
Acq: 26 Aug 2024 15:02

Tgt Ion: 88 Resp: 212228
Ion Ratio Lower Upper
88 100
58 69.2 55.4 83.0
43 25.9 20.7 31.1

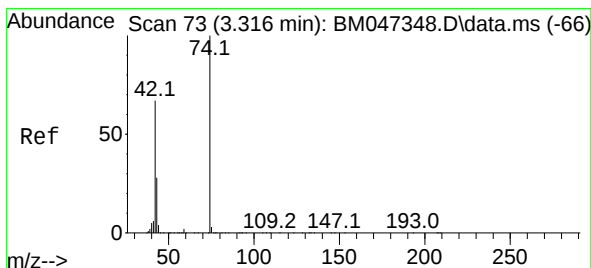
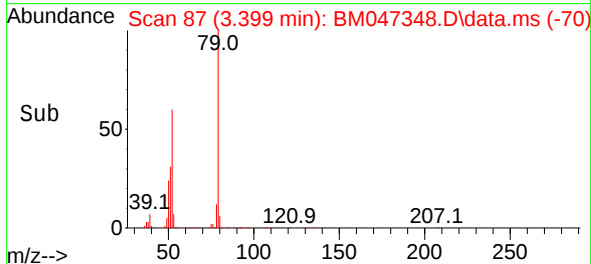
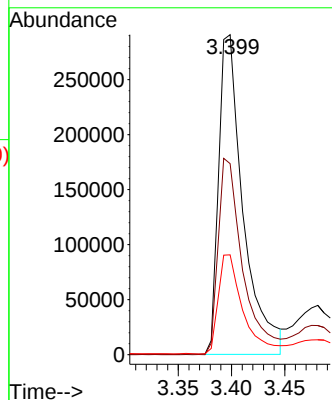
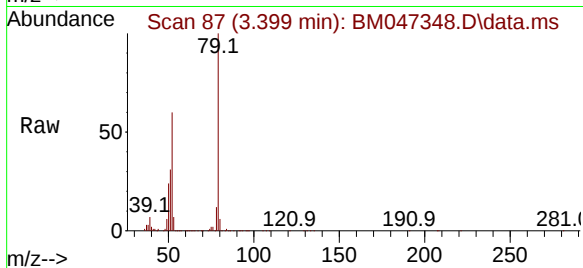




#3
 Pyridine
 Concen: 31.359 ng
 RT: 3.399 min Scan# 81
 Delta R.T. 0.000 min
 Lab File: BM047348.D
 Acq: 26 Aug 2024 15:02

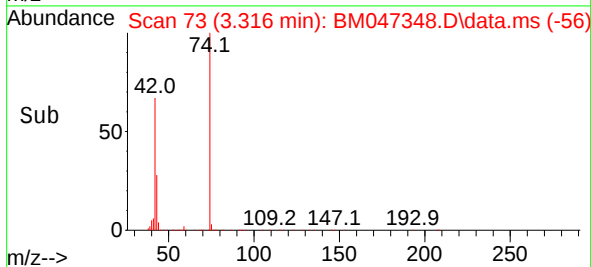
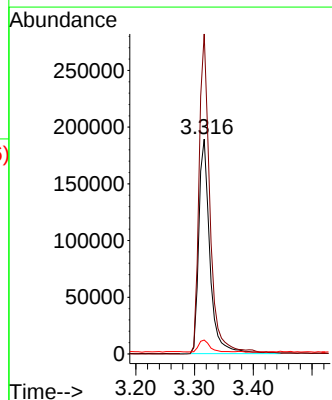
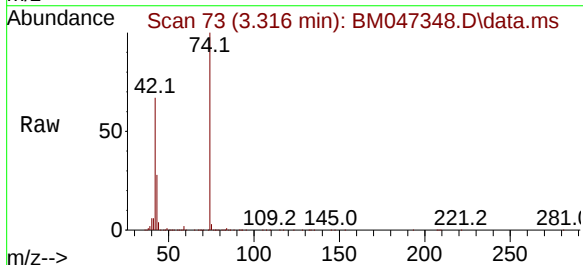
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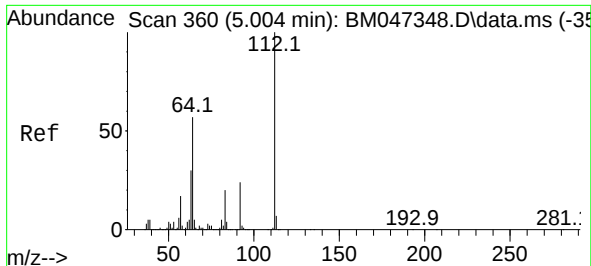
Tgt Ion: 79 Resp: 465077
 Ion Ratio Lower Upper
 79 100
 52 59.7 47.8 71.6
 51 31.2 25.0 37.4



#4
 n-Nitrosodimethylamine
 Concen: 41.061 ng
 RT: 3.316 min Scan# 73
 Delta R.T. 0.000 min
 Lab File: BM047348.D
 Acq: 26 Aug 2024 15:02

Tgt Ion: 42 Resp: 247907
 Ion Ratio Lower Upper
 42 100
 74 149.0 119.2 178.8
 44 6.5 5.2 7.8

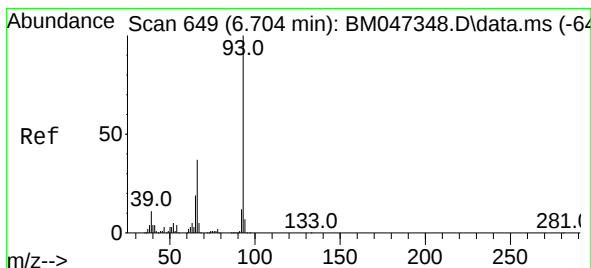
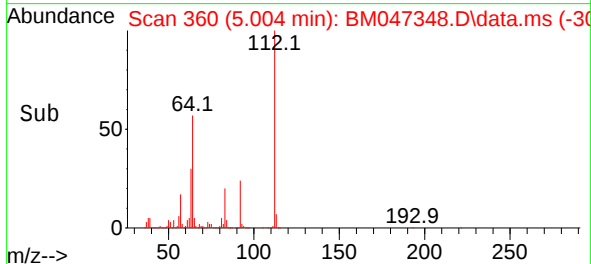
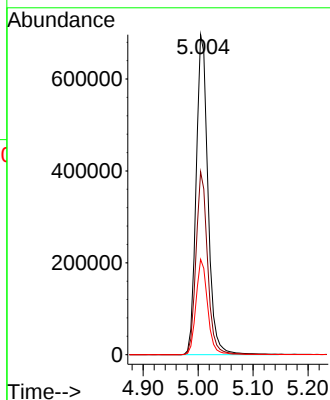
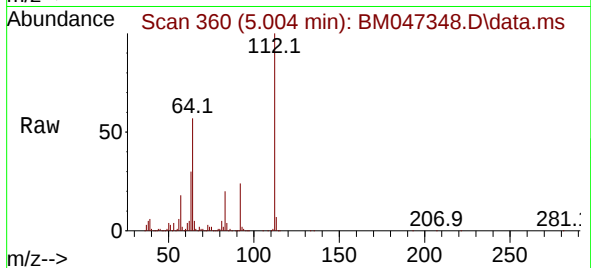




#5
2-Fluorophenol
Concen: 79.972 ng
RT: 5.004 min Scan# 360
Delta R.T. 0.000 min
Lab File: BM047348.D
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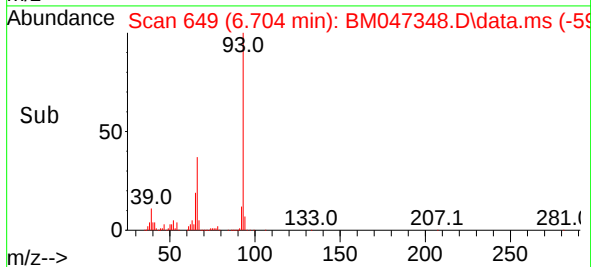
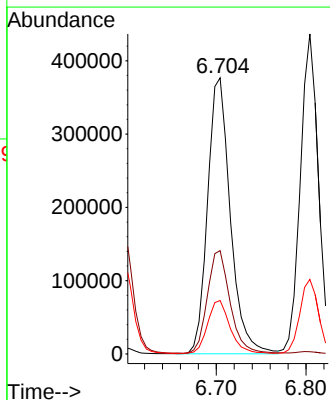
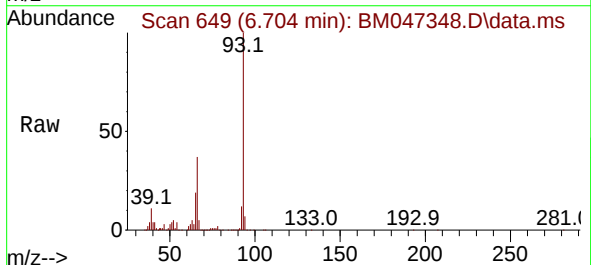
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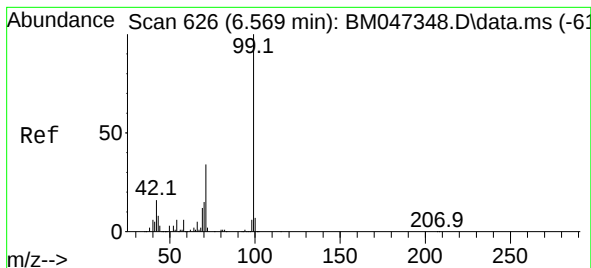
Tgt Ion:112 Resp: 1043589
Ion Ratio Lower Upper
112 100
64 57.1 45.7 68.5
63 29.8 23.8 35.8



#6
Aniline
Concen: 41.250 ng
RT: 6.704 min Scan# 649
Delta R.T. 0.000 min
Lab File: BM047348.D
Acq: 26 Aug 2024 15:02

Tgt Ion: 93 Resp: 664150
Ion Ratio Lower Upper
93 100
66 37.5 30.0 45.0
65 19.4 15.5 23.3





#7

Phenol-d6

Concen: 80.900 ng

RT: 6.569 min Scan# 61

Delta R.T. 0.000 min

Lab File: BM047348.D

Acq: 26 Aug 2024 15:02

Instrument :

BNA_M

ClientSampleId :

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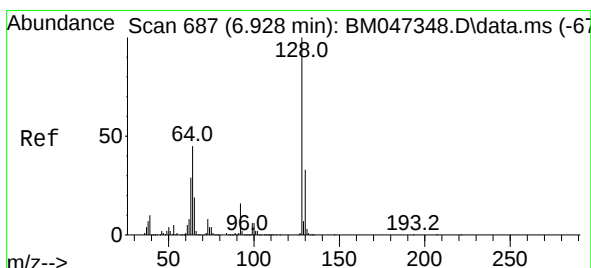
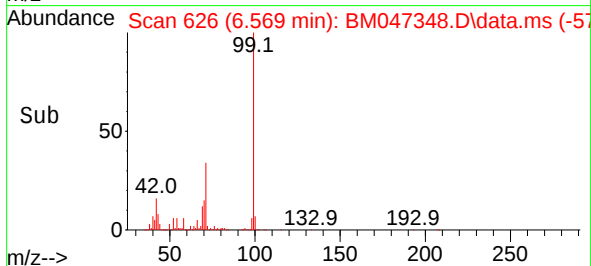
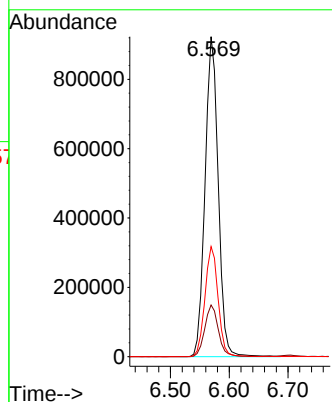
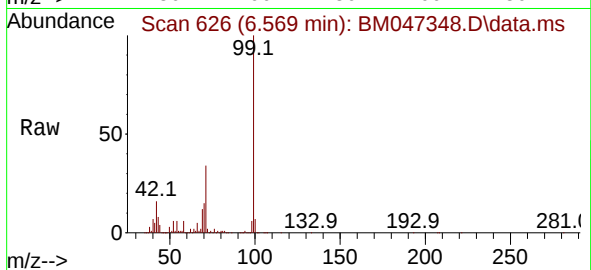
Tgt Ion: 99 Resp: 1438152

Ion Ratio Lower Upper

99 100

42 16.2 13.0 19.4

71 34.4 27.5 41.3



#8

2-Chlorophenol

Concen: 40.142 ng

RT: 6.928 min Scan# 687

Delta R.T. 0.000 min

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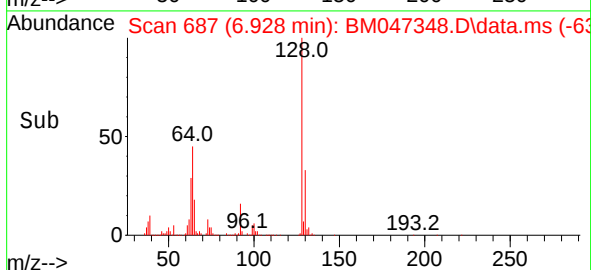
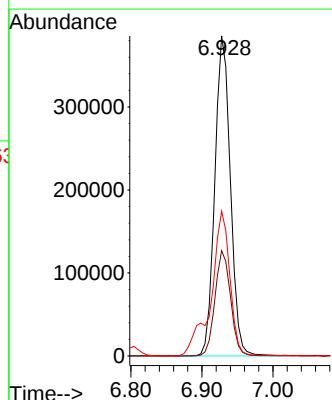
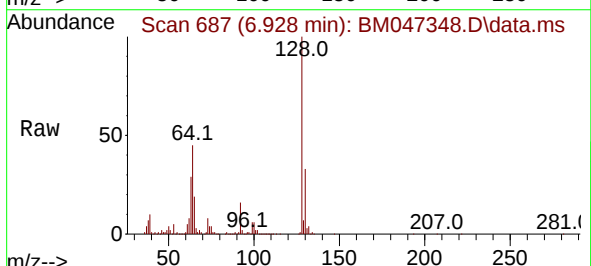
Tgt Ion:128 Resp: 586319

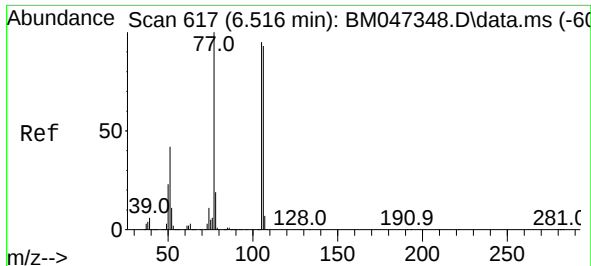
Ion Ratio Lower Upper

128 100

130 32.9 12.9 52.9

64 45.3 25.3 65.3

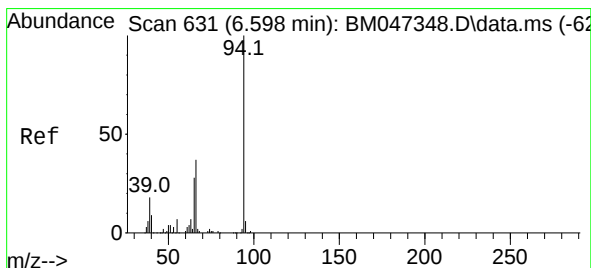
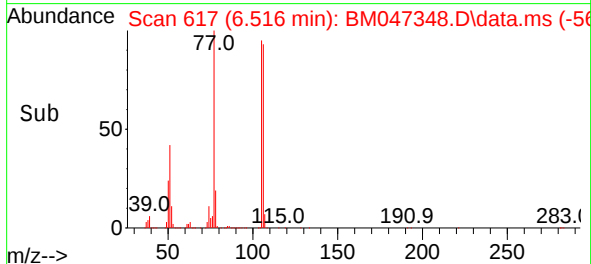
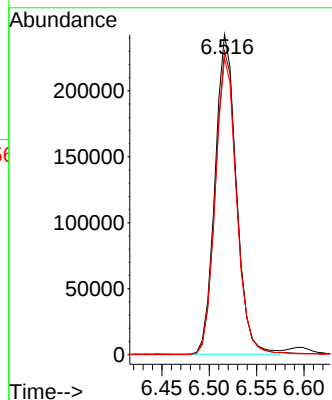
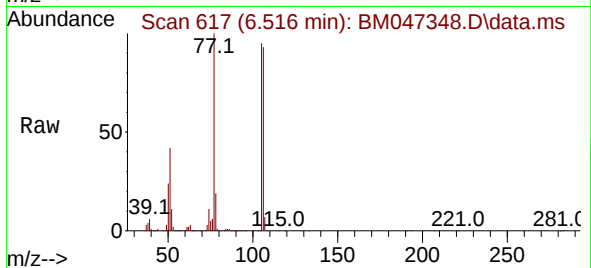




#9
Benzaldehyde
Concen: 41.366 ng
RT: 6.516 min Scan# 617
Delta R.T. 0.000 min
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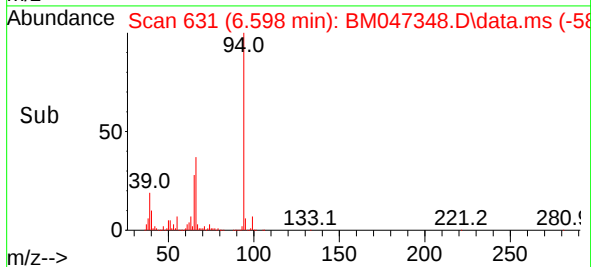
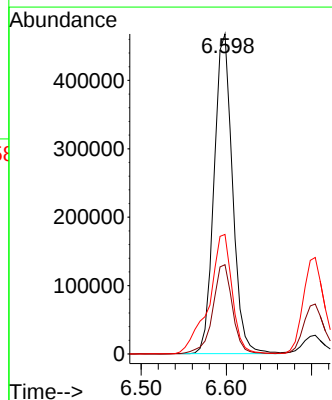
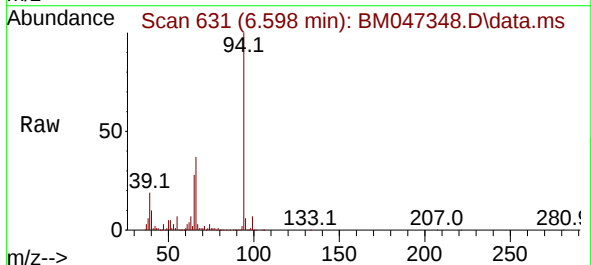
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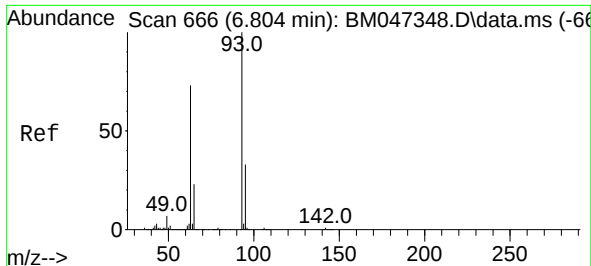
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Ion Ratio Lower Upper
77 100
105 94.9 74.9 114.9
106 92.6 72.6 112.6



#10
Phenol
Concen: 40.163 ng
RT: 6.598 min Scan# 631
Delta R.T. 0.000 min
Lab File: BM047348.D
Acq: 26 Aug 2024 15:02

Tgt Ion: 94 Resp: 702455
Ion Ratio Lower Upper
94 100
65 27.9 7.9 47.9
66 37.3 17.3 57.3

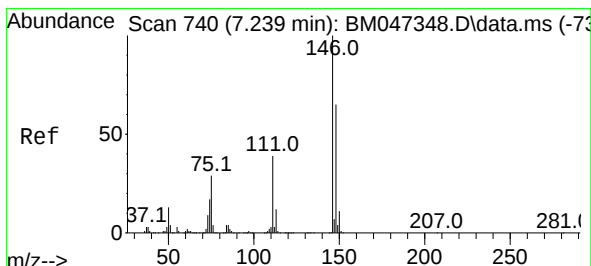
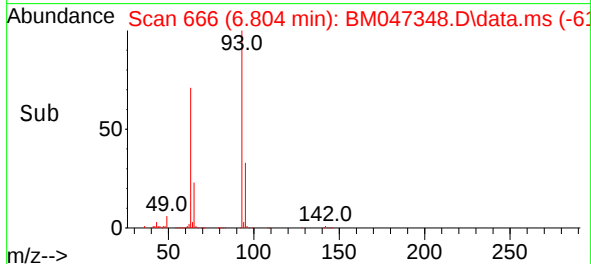
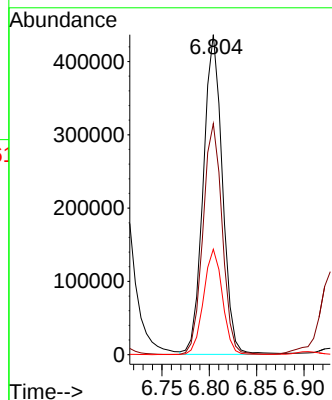
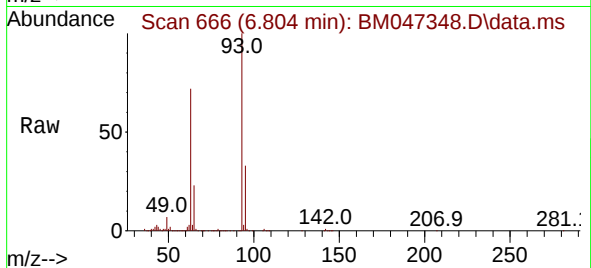




#11
bis(2-Chloroethyl)ether
Concen: 40.460 ng
RT: 6.804 min Scan# 666
Delta R.T. 0.000 min
Lab File: BM047348.D
Acq: 26 Aug 2024 15:02

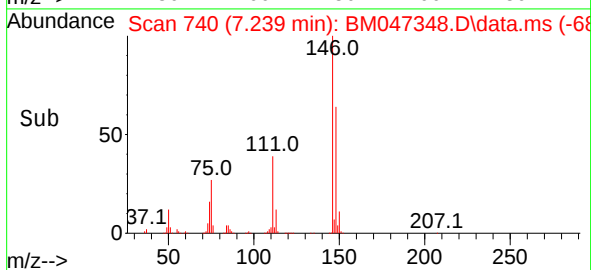
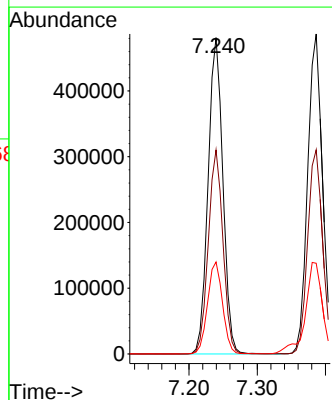
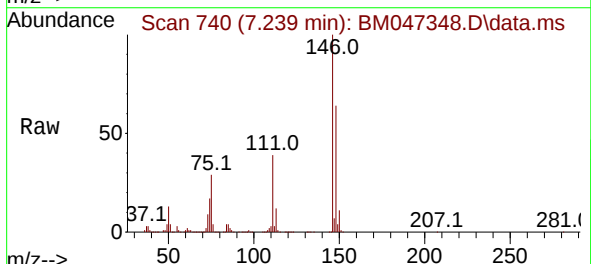
Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

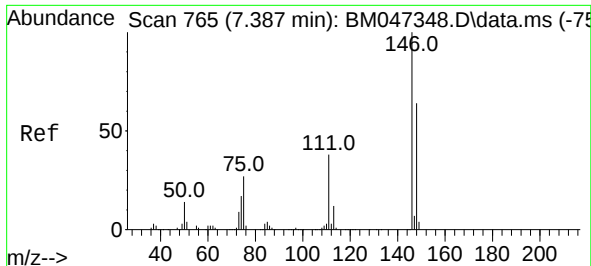
Tgt Ion: 93 Resp: 613232
Ion Ratio Lower Upper
93 100
63 72.2 52.2 92.2
95 32.9 12.9 52.9



#12
1,3-Dichlorobenzene
Concen: 40.685 ng
RT: 7.239 min Scan# 740
Delta R.T. 0.000 min
Lab File: BM047348.D
Acq: 26 Aug 2024 15:02

Tgt Ion: 146 Resp: 726665
Ion Ratio Lower Upper
146 100
148 64.5 51.6 77.4
75 29.1 23.3 34.9

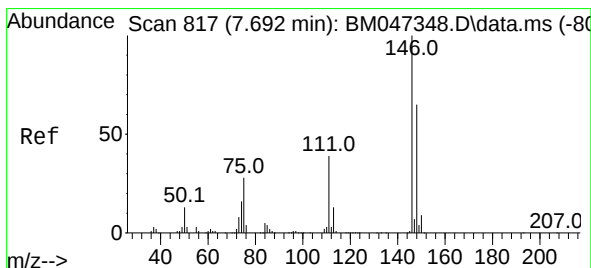
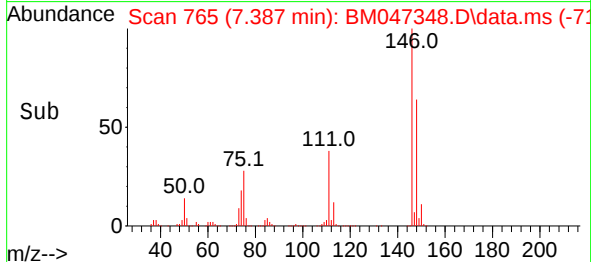
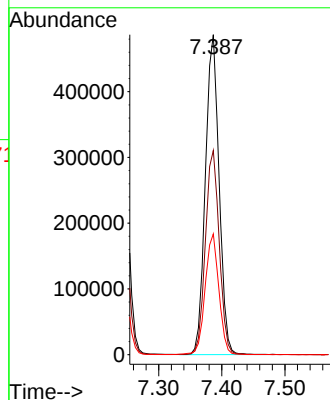
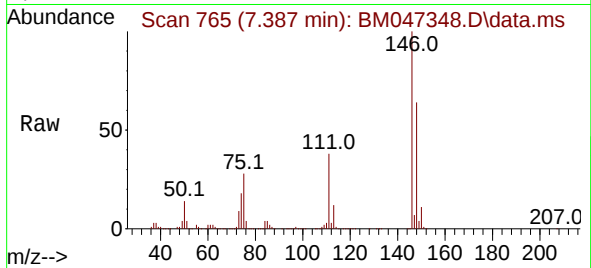




#13
1,4-Dichlorobenzene
Concen: 40.626 ng
RT: 7.387 min Scan# 765
Delta R.T. 0.000 min
Lab File: BM047348.D
Acq: 26 Aug 2024 15:02

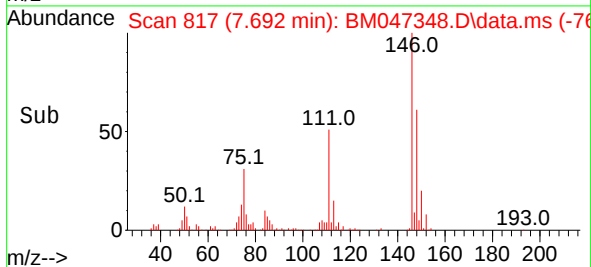
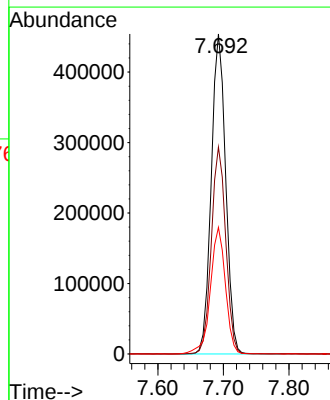
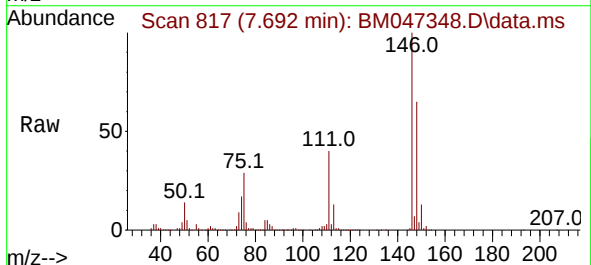
Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

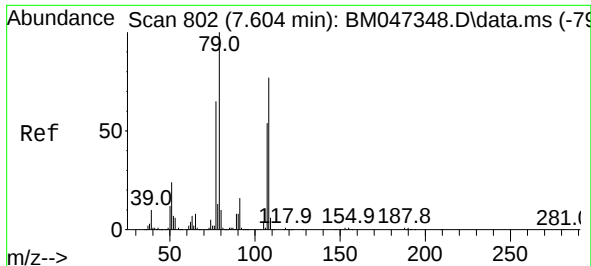
Tgt Ion:146 Resp: 734859
Ion Ratio Lower Upper
146 100
148 63.8 51.0 76.6
111 37.7 30.2 45.2



#14
1,2-Dichlorobenzene
Concen: 40.488 ng
RT: 7.692 min Scan# 817
Delta R.T. 0.000 min
Lab File: BM047348.D
Acq: 26 Aug 2024 15:02

Tgt Ion:146 Resp: 694045
Ion Ratio Lower Upper
146 100
148 64.7 51.8 77.6
111 39.6 31.7 47.5

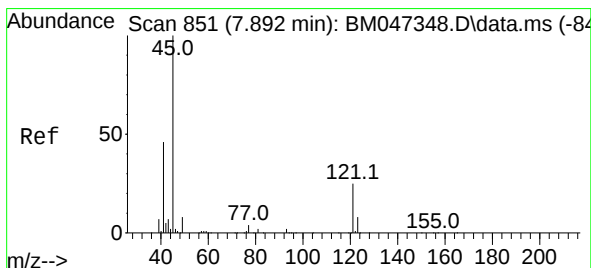
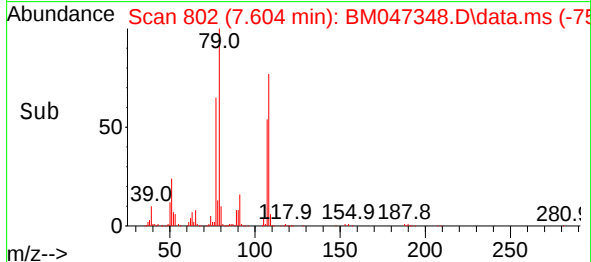
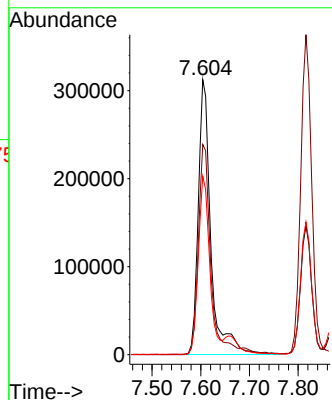
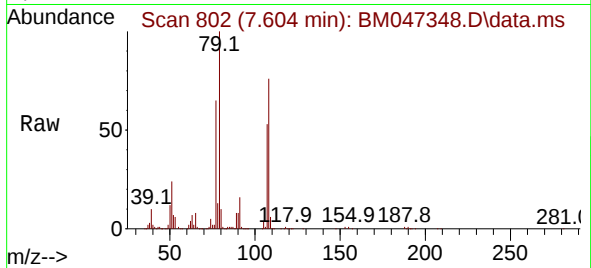




#15
Benzyl Alcohol
Concen: 46.300 ng
RT: 7.604 min Scan# 802
Delta R.T. 0.000 min
Lab File: BM047348.D
Acq: 26 Aug 2024 15:02

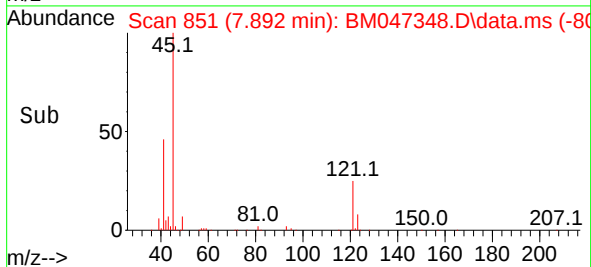
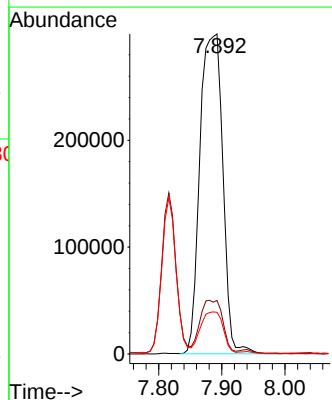
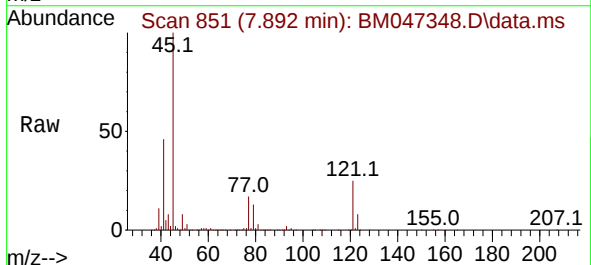
Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

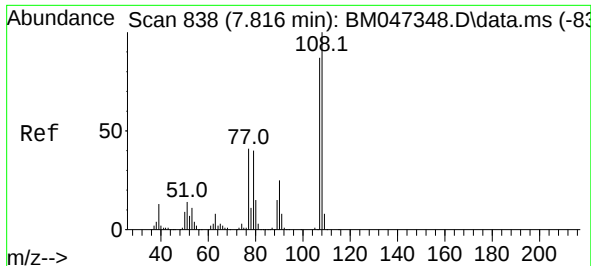
Tgt Ion: 79 Resp: 567809
Ion Ratio Lower Upper
79 100
108 76.4 61.1 91.7
77 64.9 51.9 77.9



#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.361 ng
RT: 7.892 min Scan# 851
Delta R.T. 0.000 min
Lab File: BM047348.D
Acq: 26 Aug 2024 15:02

Tgt Ion: 45 Resp: 751672
Ion Ratio Lower Upper
45 100
77 16.7 0.0 36.7
79 13.0 0.0 33.0

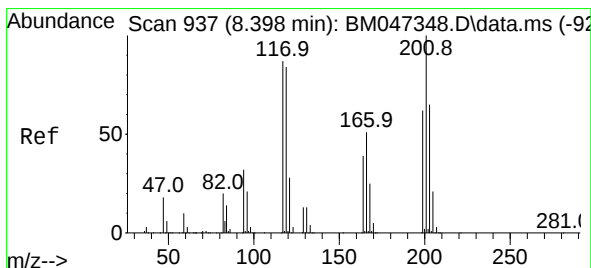
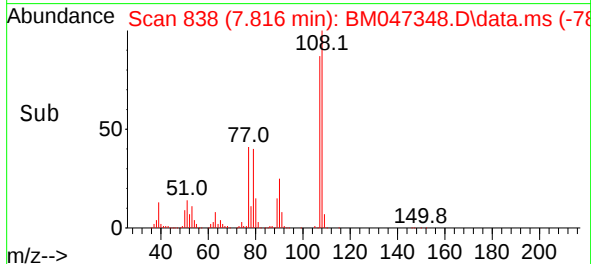
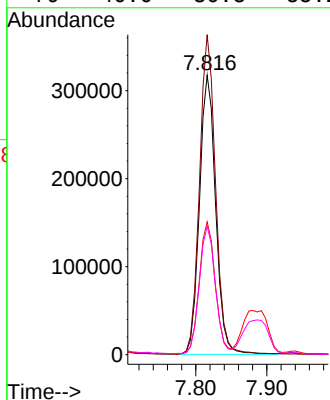
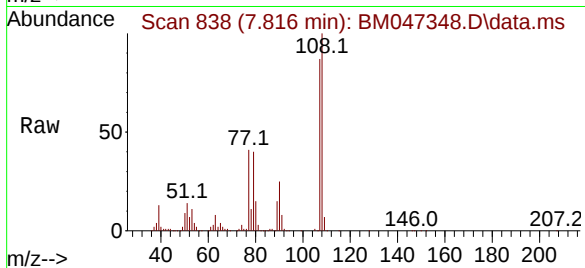




#17
2-Methylphenol
Concen: 41.501 ng
RT: 7.816 min Scan# 838
Delta R.T. 0.000 min
Lab File: BM047348.D
Acq: 26 Aug 2024 15:02

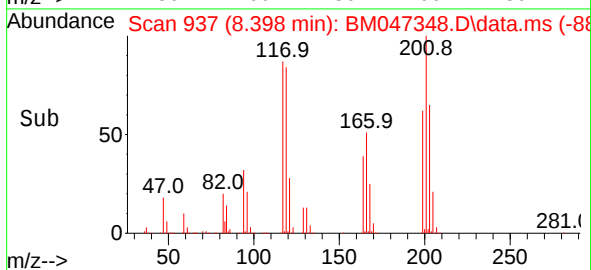
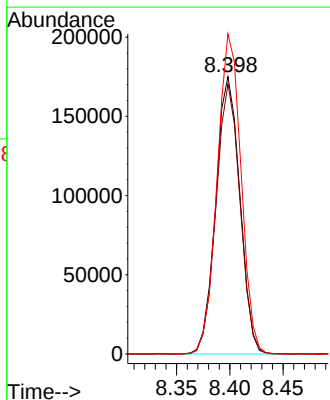
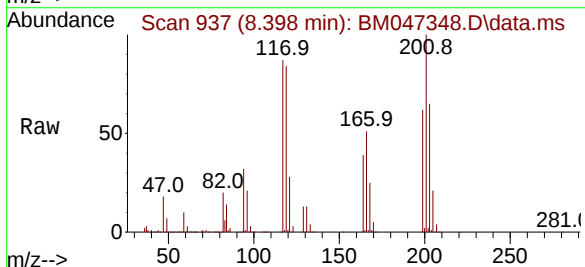
Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

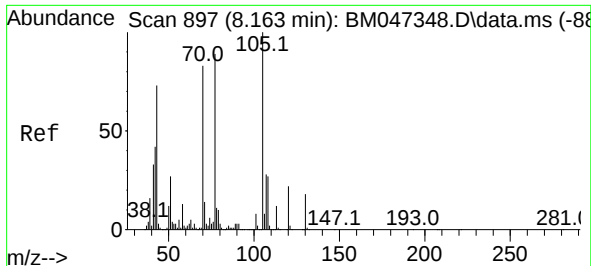
Tgt Ion:	107	Resp:	504297
Ion	Ratio	Lower	Upper
107	100		
108	114.5	91.6	137.4
77	47.5	38.0	57.0
79	46.0	36.8	55.2



#18
Hexachloroethane
Concen: 40.671 ng
RT: 8.398 min Scan# 937
Delta R.T. 0.000 min
Lab File: BM047348.D
Acq: 26 Aug 2024 15:02

Tgt Ion:	117	Resp:	275010
Ion	Ratio	Lower	Upper
117	100		
119	97.3	77.8	116.8
201	115.4	92.3	138.5



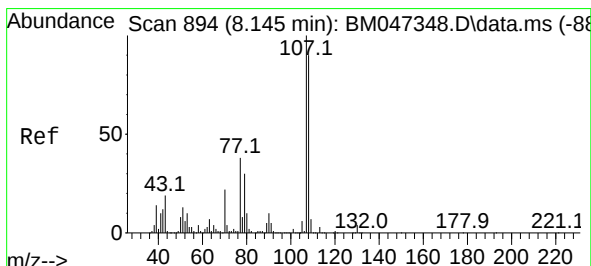
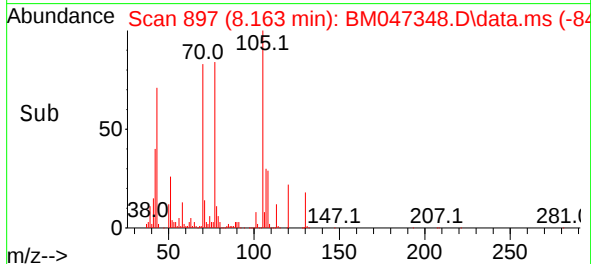
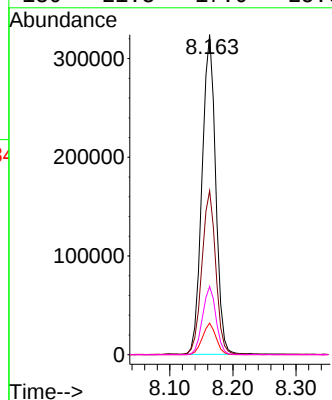
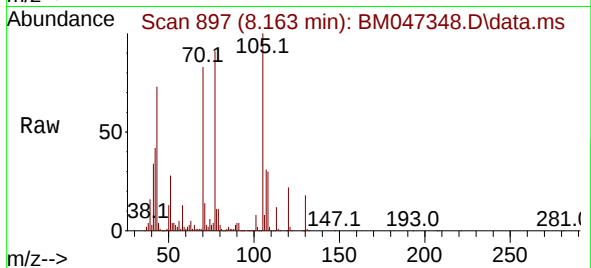


#19
n-Nitroso-di-n-propylamine
Concen: 39.789 ng
RT: 8.163 min Scan# 897
Delta R.T. 0.000 min
Lab File: BM047348.D
Acq: 26 Aug 2024 15:02

Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

Tgt Ion: 70 Resp: 486225

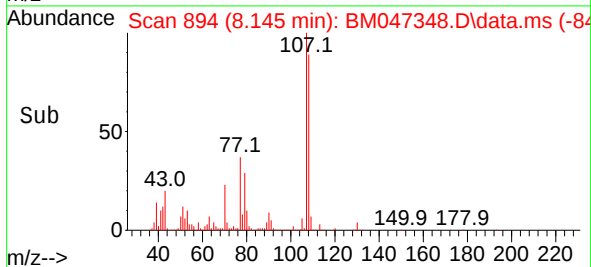
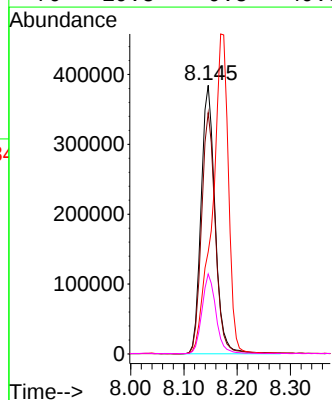
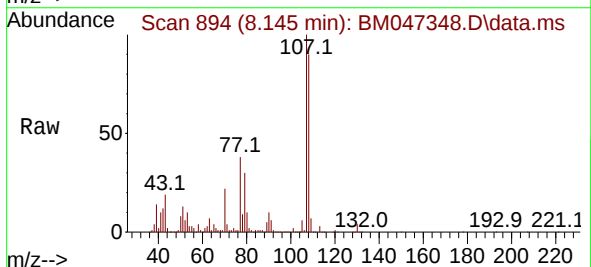
Ion	Ratio	Lower	Upper
70	100		
42	51.2	41.0	61.4
101	9.9	7.9	11.9
130	21.3	17.0	25.6

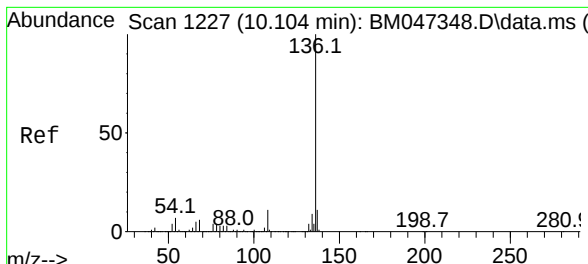


#20
3+4-Methylphenols
Concen: 41.491 ng
RT: 8.145 min Scan# 894
Delta R.T. 0.000 min
Lab File: BM047348.D
Acq: 26 Aug 2024 15:02

Tgt Ion: 107 Resp: 701001

Ion	Ratio	Lower	Upper
107	100		
108	89.8	69.8	109.8
77	38.0	18.0	58.0
79	29.8	9.8	49.8



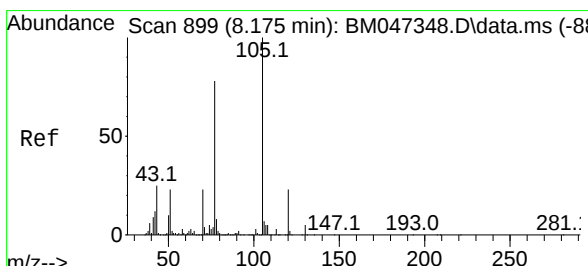
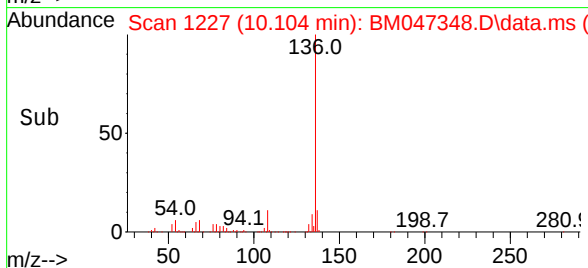
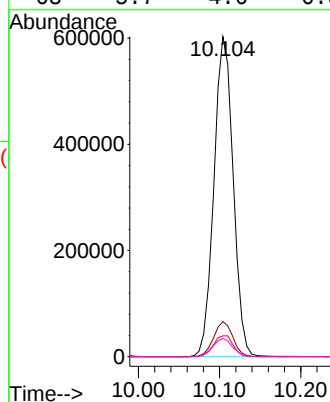
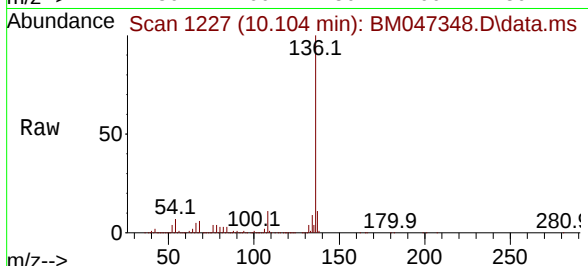


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.104 min Scan# 11
Delta R.T. 0.000 min
Lab File: BM047348.D
Acq: 26 Aug 2024 15:02

Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

Tgt Ion:136 Resp: 992556

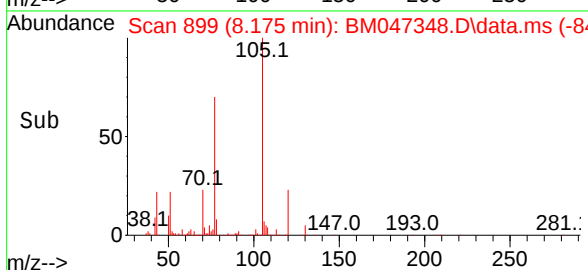
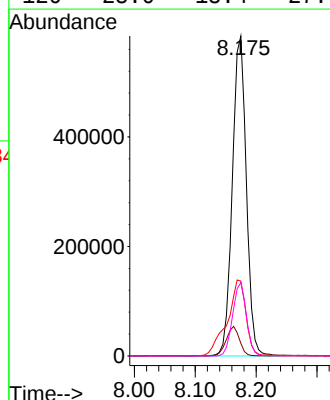
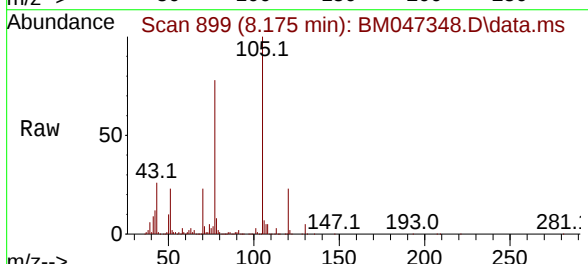
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.8	13.2
54	6.5	5.2	7.8
68	5.7	4.6	6.8

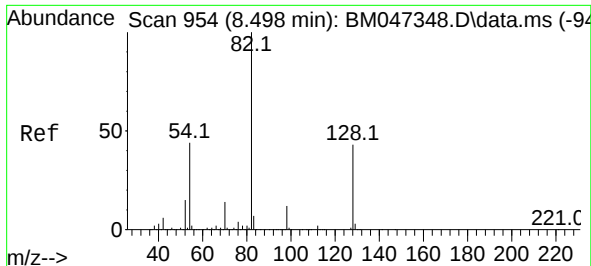


#22
Acetophenone
Concen: 40.606 ng
RT: 8.175 min Scan# 899
Delta R.T. 0.000 min
Lab File: BM047348.D
Acq: 26 Aug 2024 15:02

Tgt Ion:105 Resp: 935371

Ion	Ratio	Lower	Upper
105	100		
71	3.9	3.1	4.7
51	23.4	18.7	28.1
120	23.0	18.4	27.6

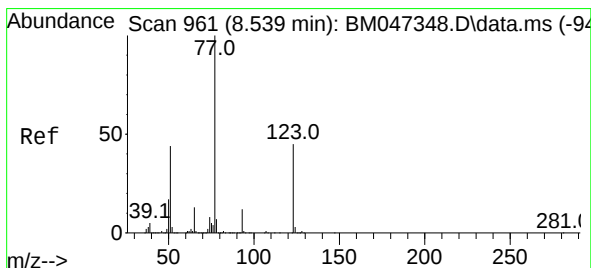
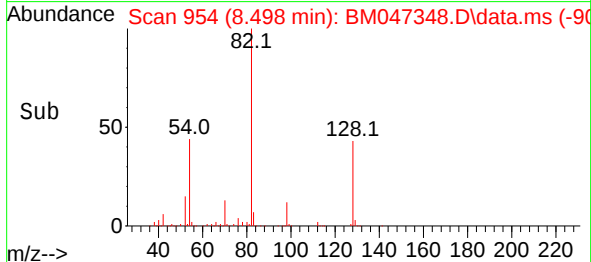
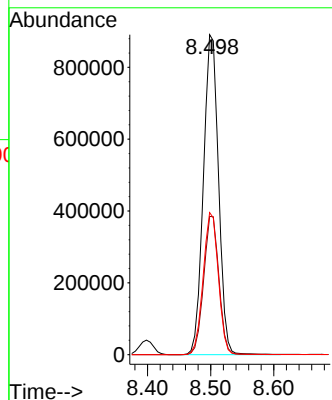
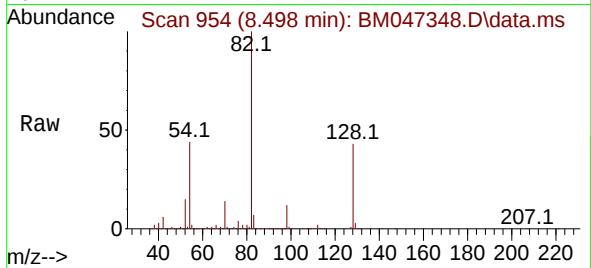




#23
Nitrobenzene-d5
Concen: 82.930 ng
RT: 8.498 min Scan# 954
Delta R.T. 0.000 min
Lab File: BM047348.D
Acq: 26 Aug 2024 15:02

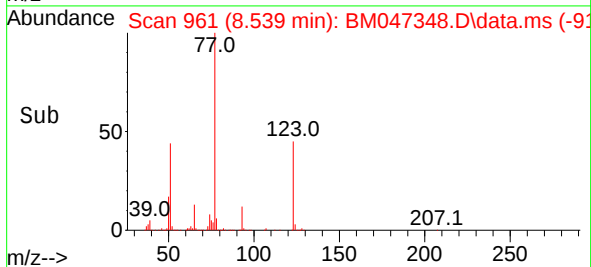
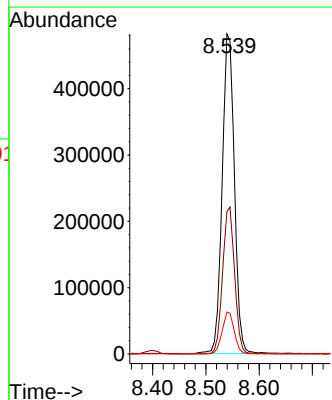
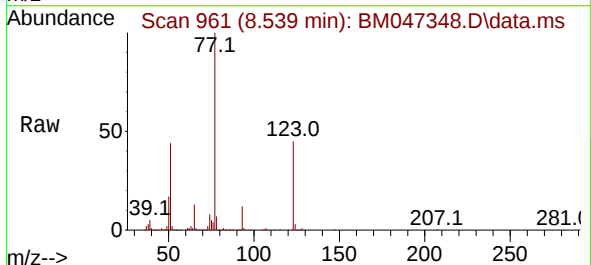
Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

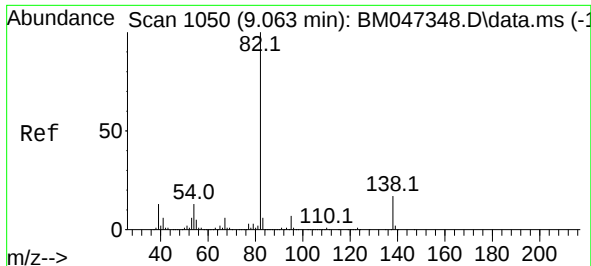
Tgt Ion: 82 Resp: 1483483
Ion Ratio Lower Upper
82 100
128 43.2 34.6 51.8
54 44.4 35.5 53.3



#24
Nitrobenzene
Concen: 41.890 ng
RT: 8.539 min Scan# 961
Delta R.T. 0.000 min
Lab File: BM047348.D
Acq: 26 Aug 2024 15:02

Tgt Ion: 77 Resp: 770690
Ion Ratio Lower Upper
77 100
123 44.5 35.6 53.4
65 13.1 10.5 15.7

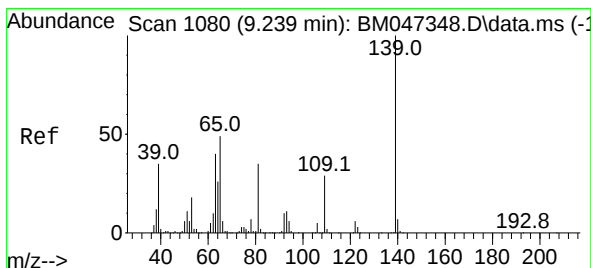
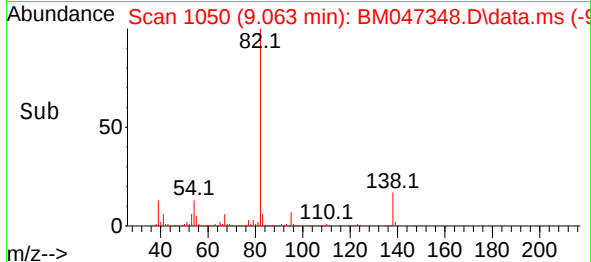
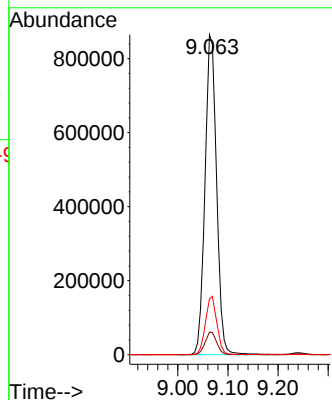
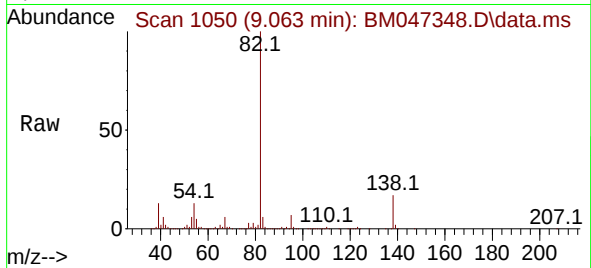




#25
Isophorone
Concen: 41.149 ng
RT: 9.063 min Scan# 1050
Delta R.T. 0.000 min
Lab File: BM047348.D
Acq: 26 Aug 2024 15:02

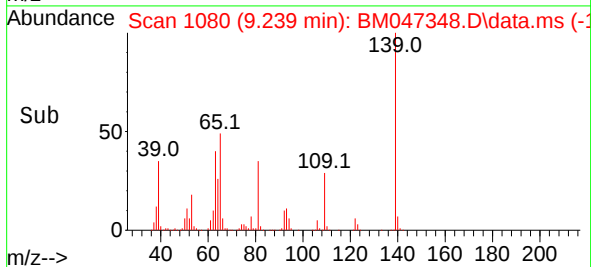
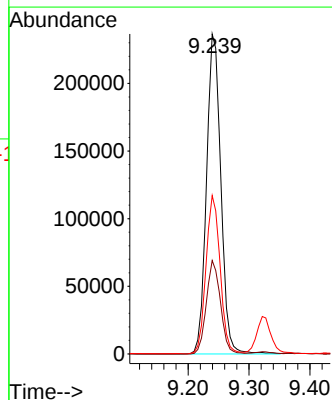
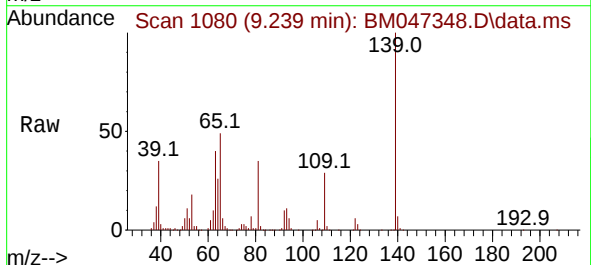
Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

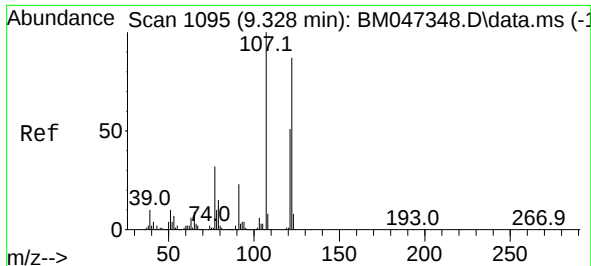
Tgt Ion: 82 Resp: 1391231
Ion Ratio Lower Upper
82 100
95 7.0 5.6 8.4
138 17.4 13.9 20.9



#26
2-Nitrophenol
Concen: 42.875 ng
RT: 9.239 min Scan# 1080
Delta R.T. 0.000 min
Lab File: BM047348.D
Acq: 26 Aug 2024 15:02

Tgt Ion:139 Resp: 387999
Ion Ratio Lower Upper
139 100
109 29.2 23.4 35.0
65 49.5 39.6 59.4





#27

2,4-Dimethylphenol

Concen: 41.609 ng

RT: 9.328 min Scan# 1095

Delta R.T. 0.000 min

Lab File: BM047348.D

Acq: 26 Aug 2024 15:02

Instrument :

BNA_M

ClientSampleId :

SSTDICCC040

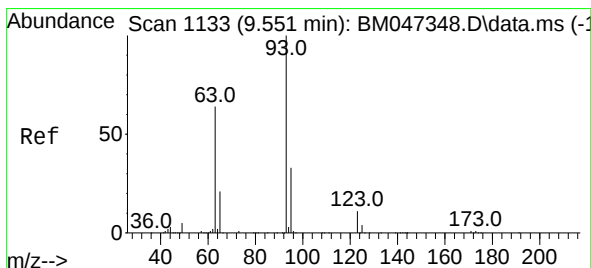
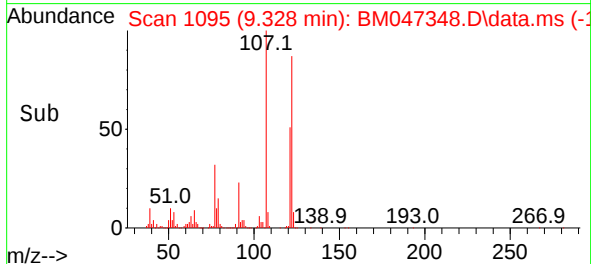
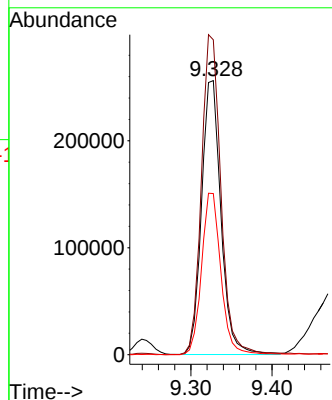
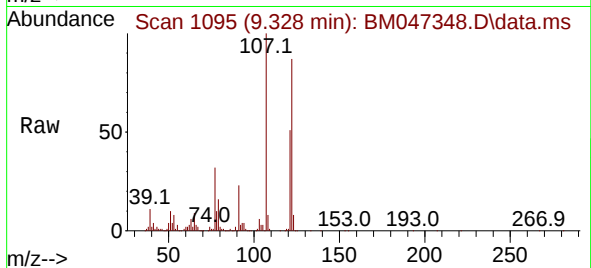
Tgt Ion:122 Resp: 425028

Ion Ratio Lower Upper

122 100

107 114.9 91.9 137.9

121 58.8 47.0 70.6



#28

bis(2-Chloroethoxy)methane

Concen: 41.475 ng

RT: 9.551 min Scan# 1133

Delta R.T. 0.000 min

Lab File: BM047348.D

Acq: 26 Aug 2024 15:02

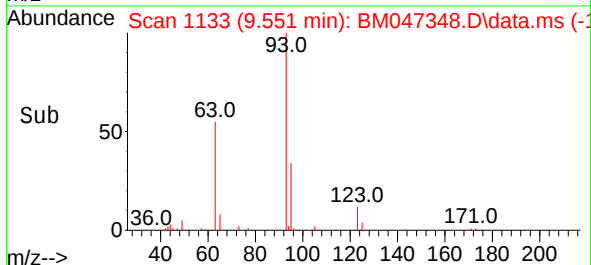
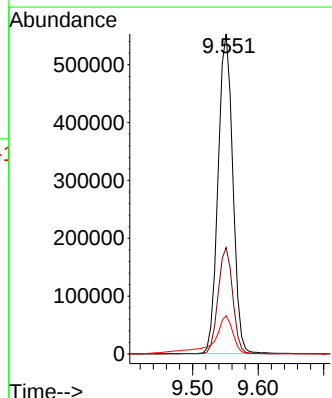
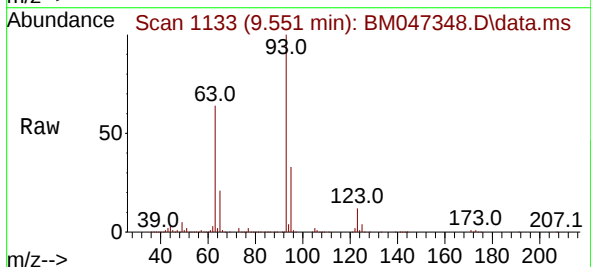
Tgt Ion: 93 Resp: 858685

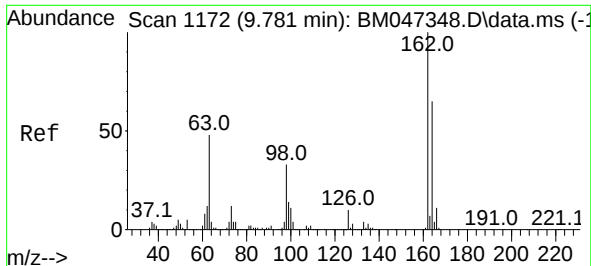
Ion Ratio Lower Upper

93 100

95 33.2 26.6 39.8

123 12.0 9.6 14.4





#29

2,4-Dichlorophenol

Concen: 42.853 ng

RT: 9.781 min Scan# 1172

Delta R.T. 0.000 min

Lab File: BM047348.D

Acq: 26 Aug 2024 15:02

Instrument :

BNA_M

ClientSampleId :

SSTDICCC040

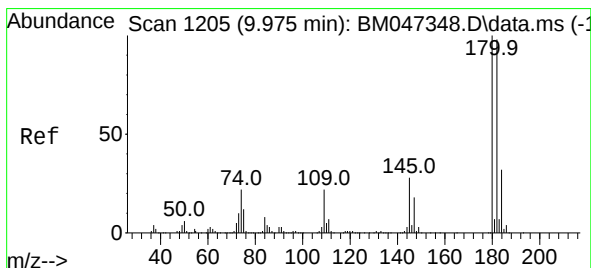
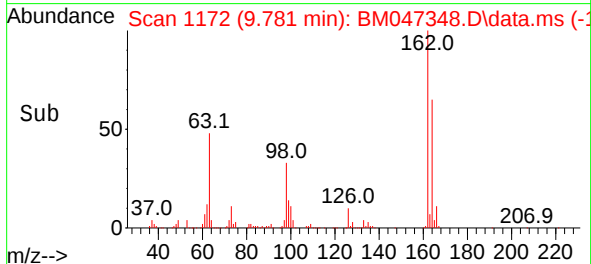
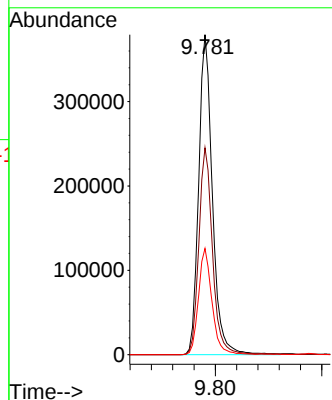
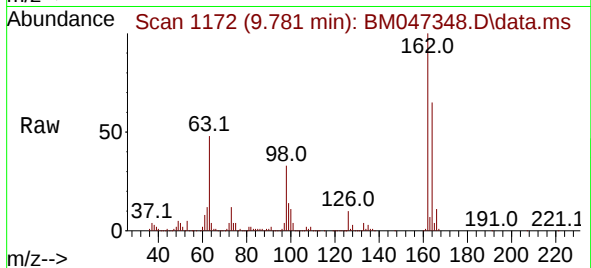
Tgt Ion:162 Resp: 679042

Ion Ratio Lower Upper

162 100

164 64.6 44.6 84.6

98 33.2 13.2 53.2



#30

1,2,4-Trichlorobenzene

Concen: 41.238 ng

RT: 9.975 min Scan# 1205

Delta R.T. 0.000 min

Lab File: BM047348.D

Acq: 26 Aug 2024 15:02

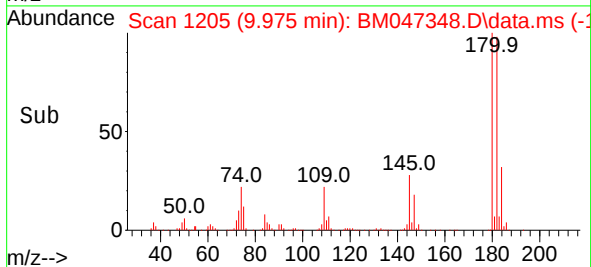
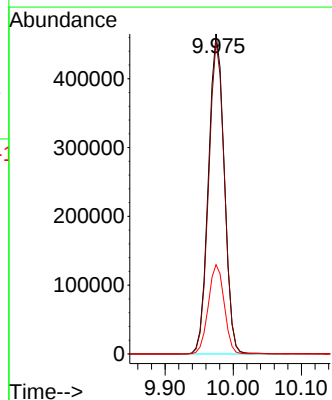
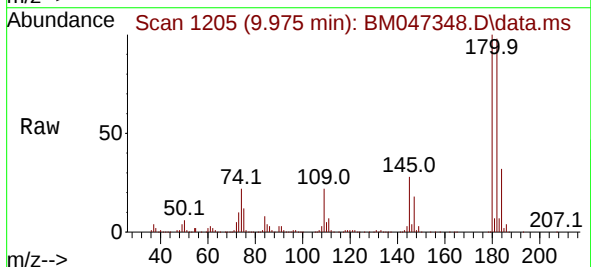
Tgt Ion:180 Resp: 754765

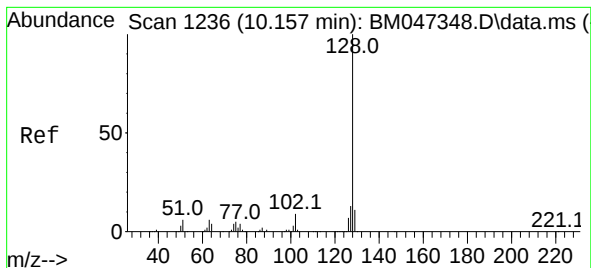
Ion Ratio Lower Upper

180 100

182 97.7 78.2 117.2

145 27.9 22.3 33.5

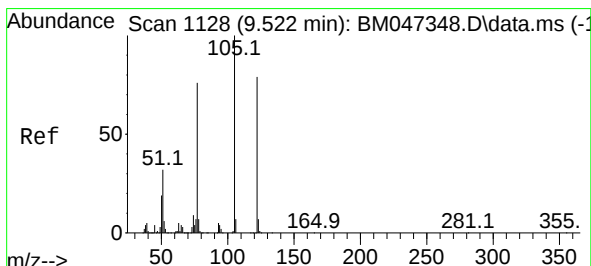
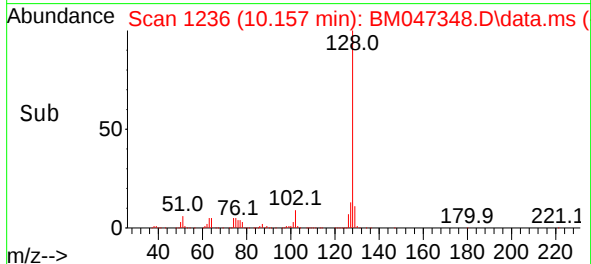
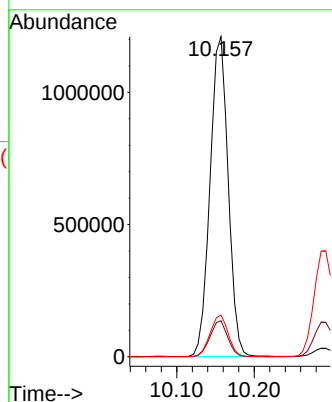
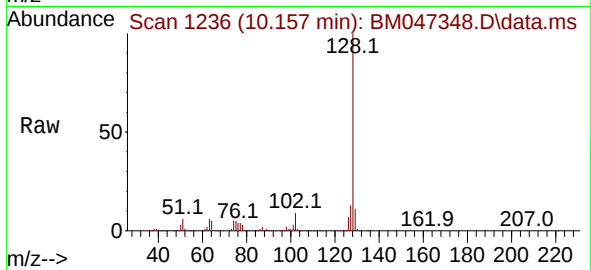




#31
Naphthalene
Concen: 40.584 ng
RT: 10.157 min Scan# 1236
Delta R.T. 0.000 min
Lab File: BM047348.D
Acq: 26 Aug 2024 15:02

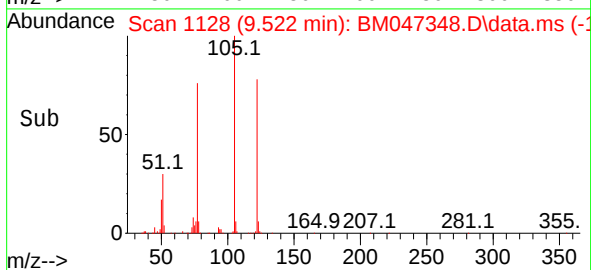
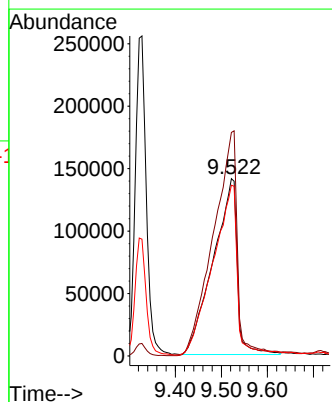
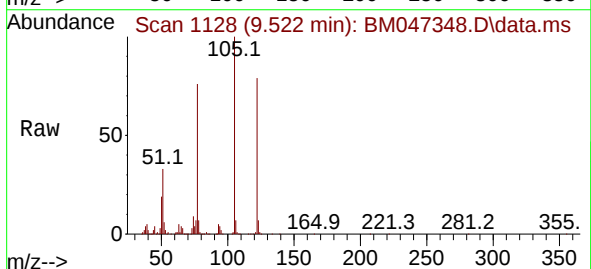
Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

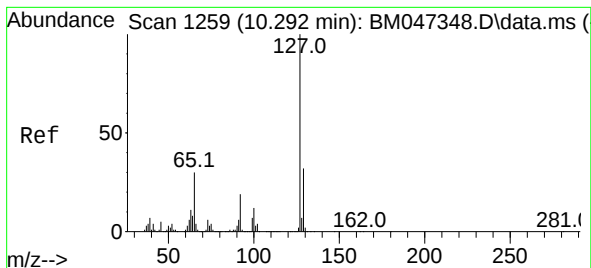
Tgt Ion:128 Resp: 1967454
Ion Ratio Lower Upper
128 100
129 11.3 9.0 13.6
127 13.0 10.4 15.6



#32
Benzoic acid
Concen: 41.940 ng
RT: 9.522 min Scan# 1128
Delta R.T. -0.000 min
Lab File: BM047348.D
Acq: 26 Aug 2024 15:02

Tgt Ion:122 Resp: 511473
Ion Ratio Lower Upper
122 100
105 126.0 106.0 146.0
77 96.3 76.3 116.3





#33

4-Chloroaniline

Concen: 41.607 ng

RT: 10.292 min Scan# 1259

Delta R.T. 0.000 min

Lab File: BM047348.D

Acq: 26 Aug 2024 15:02

Instrument :

BNA_M

ClientSampleId :

SSTDICCC040

Tgt Ion:127 Resp: 749979

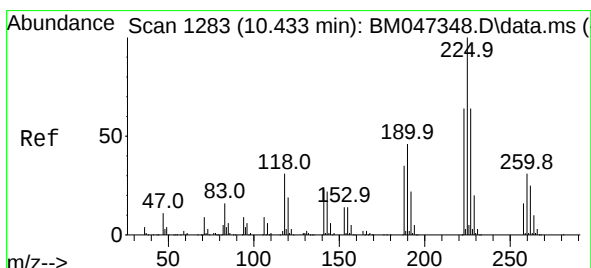
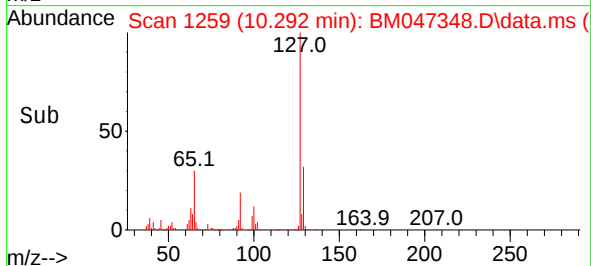
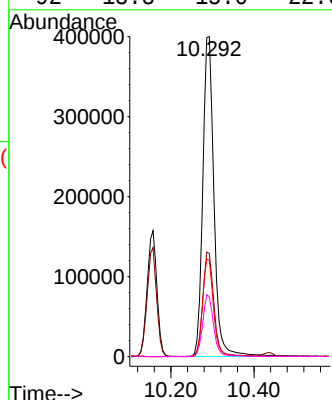
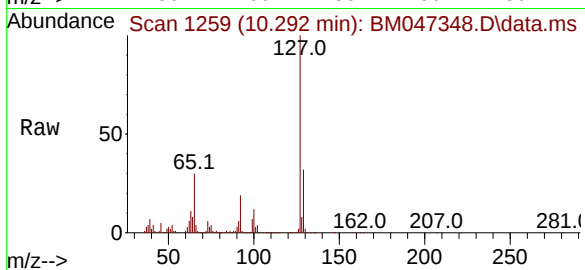
Ion Ratio Lower Upper

127 100

129 32.3 25.8 38.8

65 30.2 24.2 36.2

92 18.8 15.0 22.6



#34

Hexachlorobutadiene

Concen: 41.502 ng

RT: 10.433 min Scan# 1283

Delta R.T. 0.000 min

Lab File: BM047348.D

Acq: 26 Aug 2024 15:02

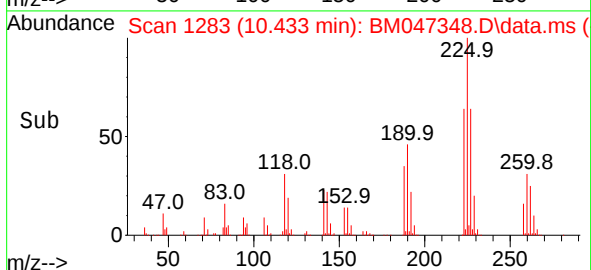
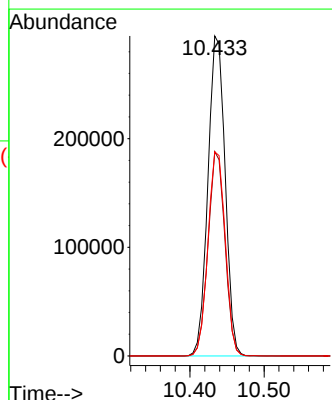
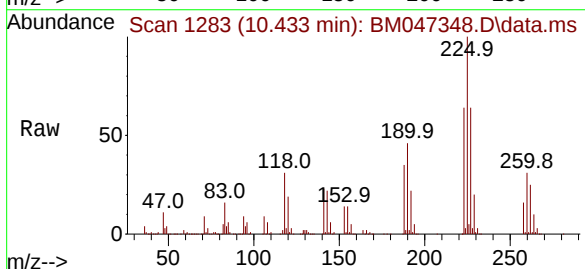
Tgt Ion:225 Resp: 474390

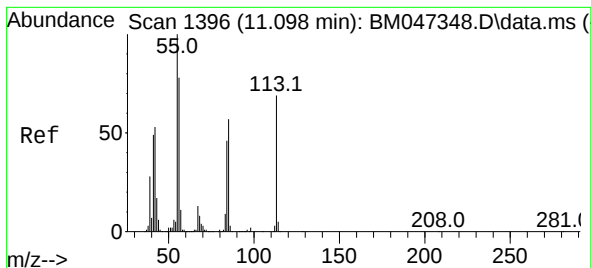
Ion Ratio Lower Upper

225 100

223 63.9 51.1 76.7

227 63.8 51.0 76.6





#35

Caprolactam

Concen: 40.445 ng

RT: 11.098 min Scan# 1396

Delta R.T. 0.000 min

Lab File: BM047348.D

Acq: 26 Aug 2024 15:02

Instrument :

BNA_M

ClientSampleId :

SSTDICCC040

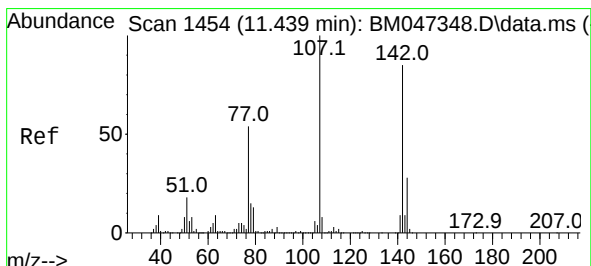
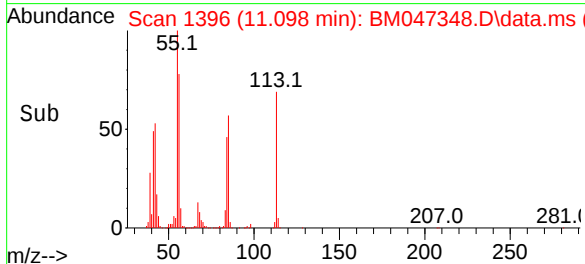
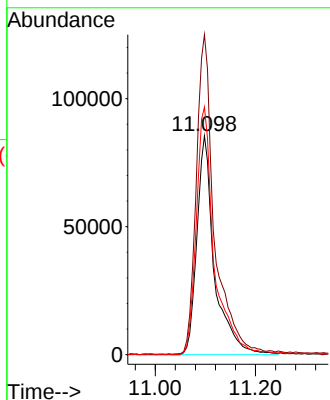
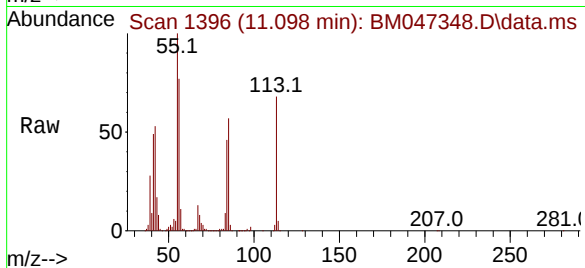
Tgt Ion:113 Resp: 207834

Ion Ratio Lower Upper

113 100

55 146.2 126.2 166.2

56 113.2 93.2 133.2



#36

4-Chloro-3-methylphenol

Concen: 41.583 ng

RT: 11.439 min Scan# 1454

Delta R.T. 0.000 min

Lab File: BM047348.D

Acq: 26 Aug 2024 15:02

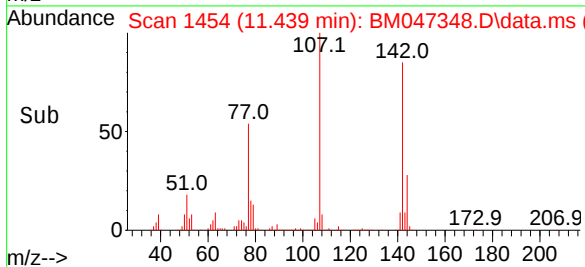
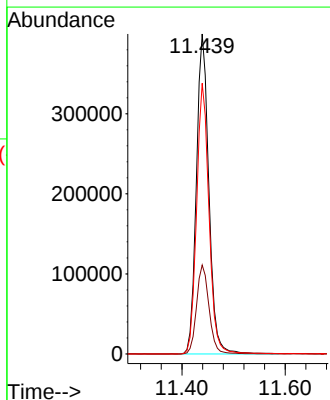
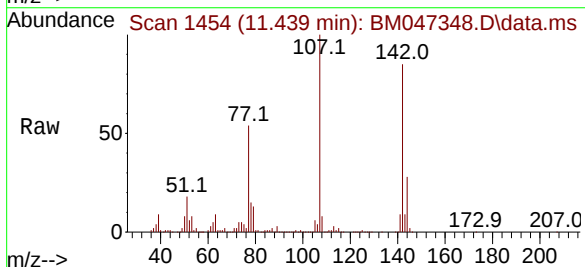
Tgt Ion:107 Resp: 669129

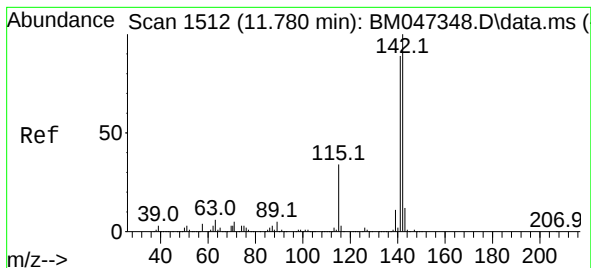
Ion Ratio Lower Upper

107 100

144 27.8 22.2 33.4

142 84.6 67.7 101.5

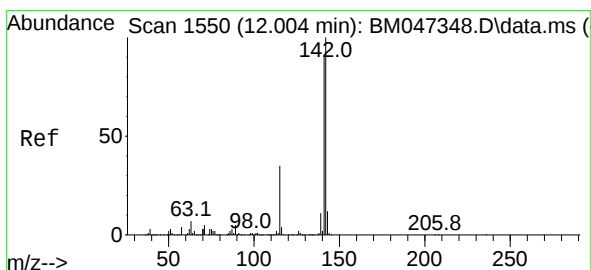
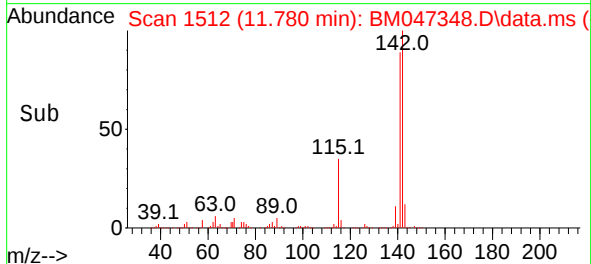
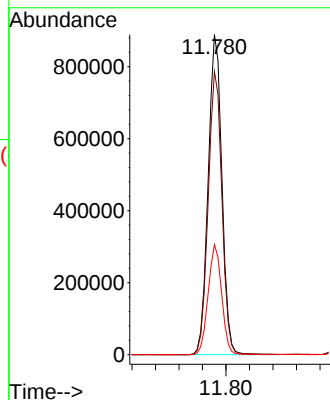
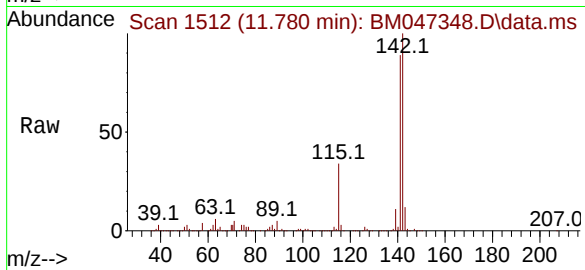




#37
2-Methylnaphthalene
Concen: 40.695 ng
RT: 11.780 min Scan# 1512
Delta R.T. 0.000 min
Lab File: BM047348.D
Acq: 26 Aug 2024 15:02

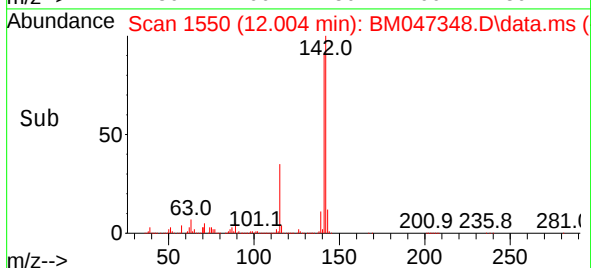
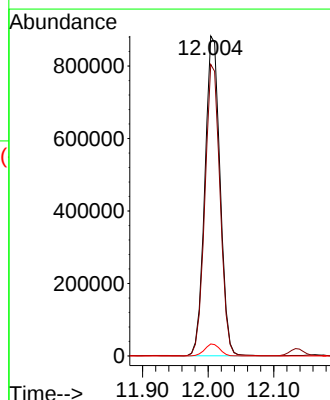
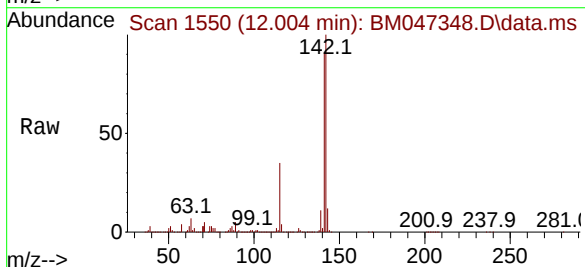
Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

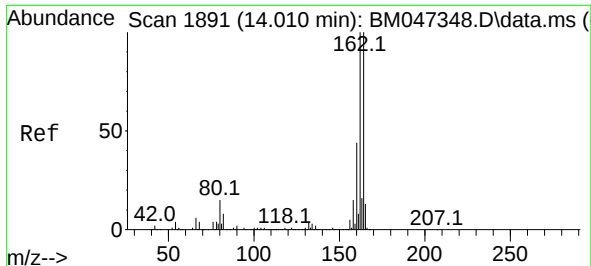
Tgt Ion:142 Resp: 1438438
Ion Ratio Lower Upper
142 100
141 88.5 70.8 106.2
115 34.4 27.5 41.3



#38
1-Methylnaphthalene
Concen: 40.719 ng
RT: 12.004 min Scan# 1550
Delta R.T. 0.000 min
Lab File: BM047348.D
Acq: 26 Aug 2024 15:02

Tgt Ion:142 Resp: 1423485
Ion Ratio Lower Upper
142 100
141 91.1 72.9 109.3
116 3.8 3.0 4.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.010 min Scan# 1891

Delta R.T. -0.000 min

Lab File: BM047348.D

Acq: 26 Aug 2024 15:02

Instrument :

BNA_M

ClientSampleId :

SSTDICCC040

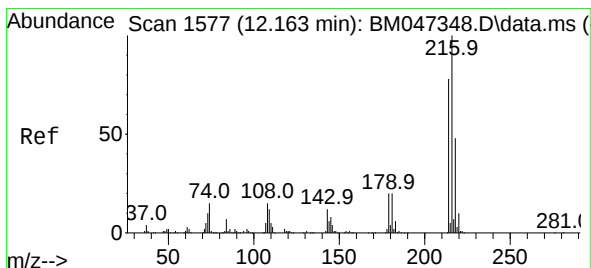
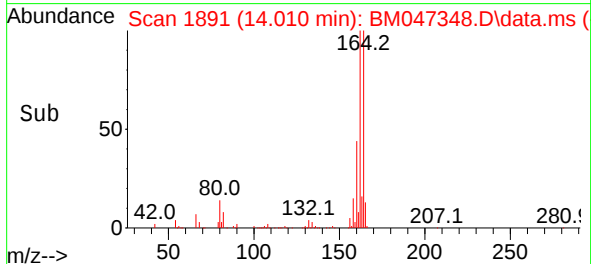
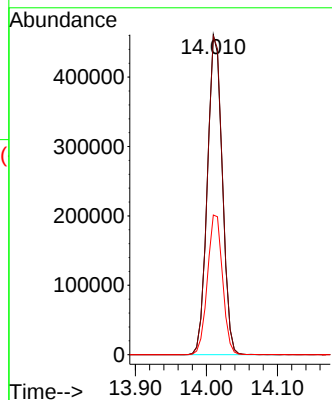
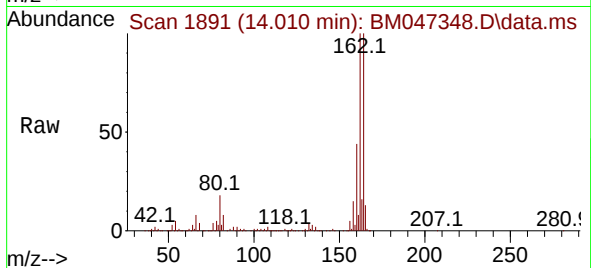
Tgt Ion:164 Resp: 673216

Ion Ratio Lower Upper

164 100

162 99.6 79.7 119.5

160 43.6 34.9 52.3



#40

1,2,4,5-Tetrachlorobenzene

Concen: 41.996 ng

RT: 12.163 min Scan# 1577

Delta R.T. 0.000 min

Lab File: BM047348.D

Acq: 26 Aug 2024 15:02

Tgt Ion:216 Resp: 837204

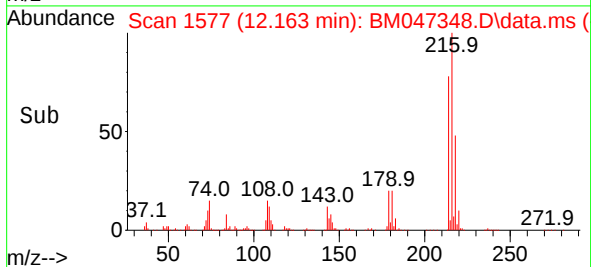
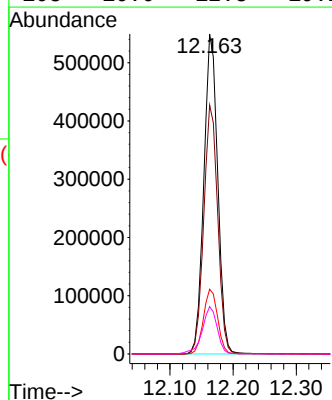
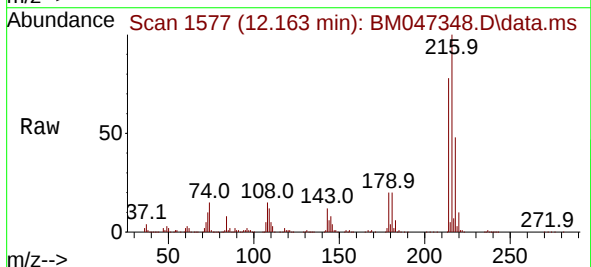
Ion Ratio Lower Upper

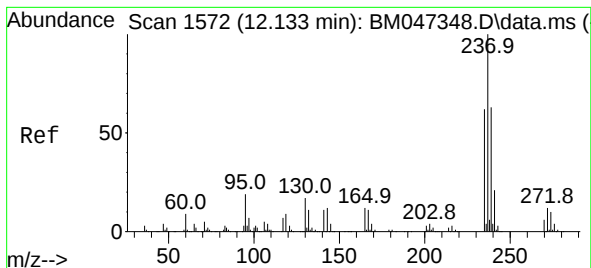
216 100

214 78.3 62.6 94.0

179 20.7 16.6 24.8

108 16.0 12.8 19.2

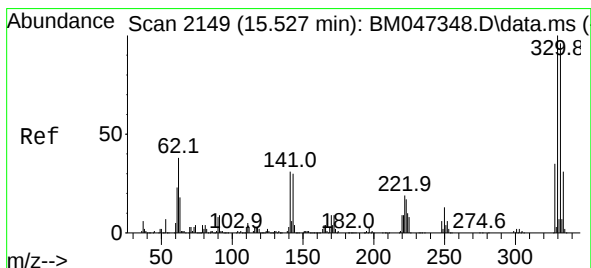
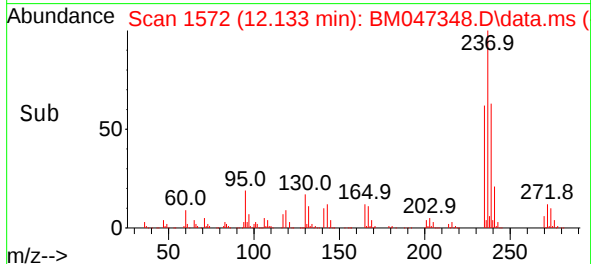
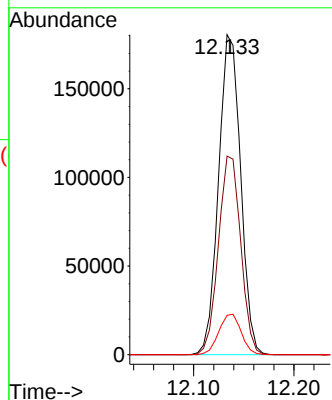
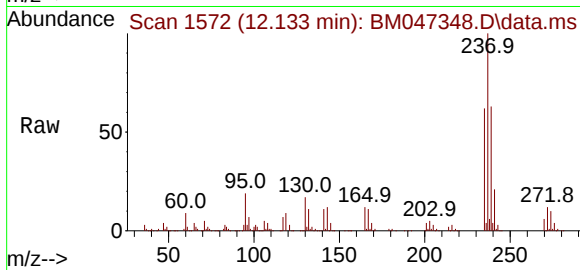




#41
Hexachlorocyclopentadiene
Concen: 43.801 ng
RT: 12.133 min Scan# 1572
Delta R.T. 0.000 min
Lab File: BM047348.D
Acq: 26 Aug 2024 15:02

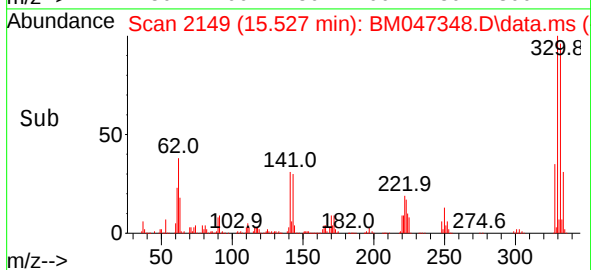
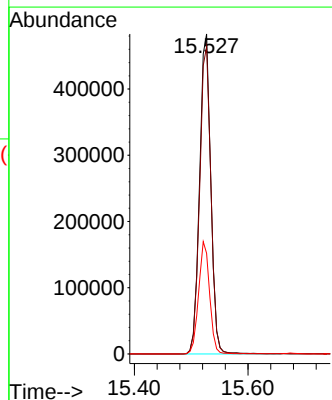
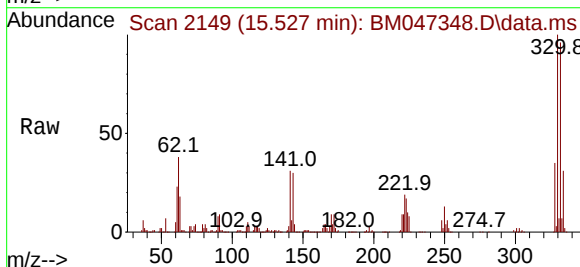
Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

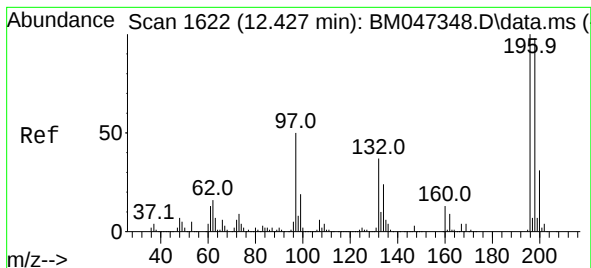
Tgt Ion:237 Resp: 275582
Ion Ratio Lower Upper
237 100
235 62.1 42.1 82.1
272 12.3 0.0 32.3



#42
2,4,6-Tribromophenol
Concen: 81.567 ng
RT: 15.527 min Scan# 2149
Delta R.T. 0.000 min
Lab File: BM047348.D
Acq: 26 Aug 2024 15:02

Tgt Ion:330 Resp: 662508
Ion Ratio Lower Upper
330 100
332 96.5 77.2 115.8
141 34.5 27.6 41.4





#43

2,4,6-Trichlorophenol

Concen: 42.180 ng

RT: 12.427 min Scan# 1

Delta R.T. 0.000 min

Lab File: BM047348.D

Acq: 26 Aug 2024 15:02

Instrument :

BNA_M

ClientSampleId :

SSTDICCC040

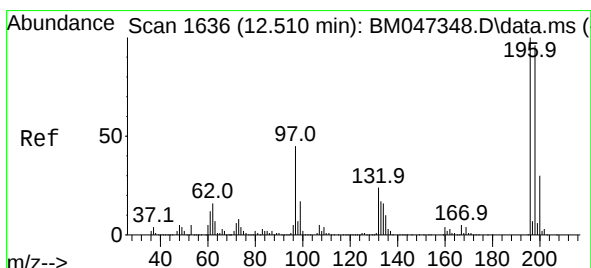
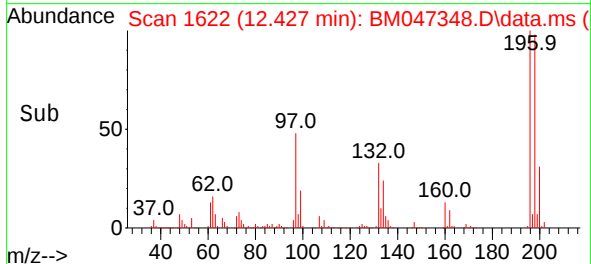
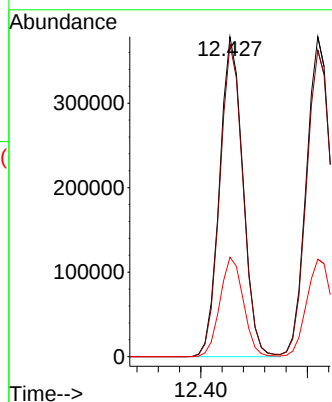
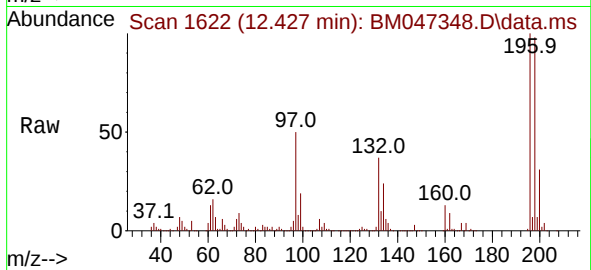
Tgt Ion:196 Resp: 576422

Ion Ratio Lower Upper

196 100

198 97.7 78.2 117.2

200 31.1 24.9 37.3



#44

2,4,5-Trichlorophenol

Concen: 42.077 ng

RT: 12.510 min Scan# 1636

Delta R.T. 0.000 min

Lab File: BM047348.D

Acq: 26 Aug 2024 15:02

Tgt Ion:196 Resp: 638597

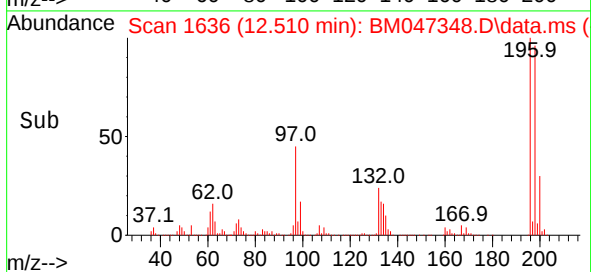
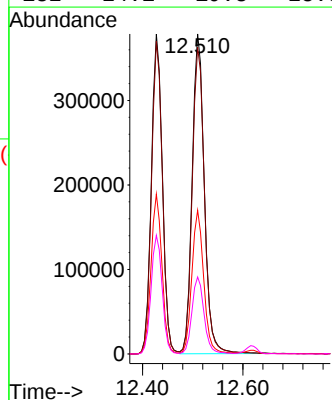
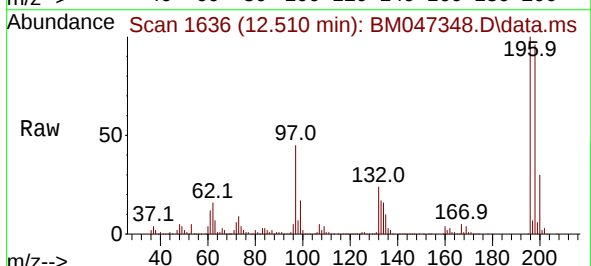
Ion Ratio Lower Upper

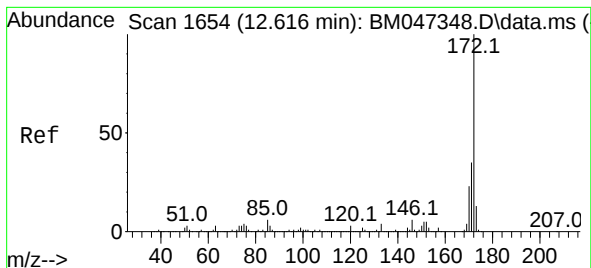
196 100

198 95.8 76.6 115.0

97 44.9 35.9 53.9

132 24.1 19.3 28.9





#45

2-Fluorobiphenyl

Concen: 82.396 ng

RT: 12.616 min Scan# 1

Delta R.T. 0.000 min

Lab File: BM047348.D

Acq: 26 Aug 2024 15:02

Instrument :

BNA_M

ClientSampleId :

SSTDICCC040

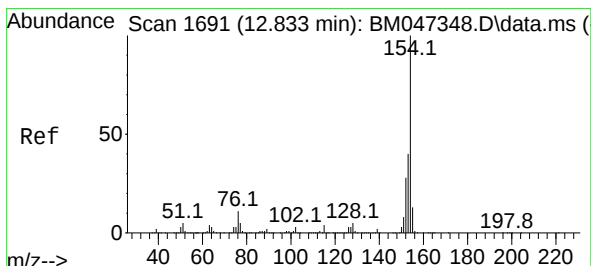
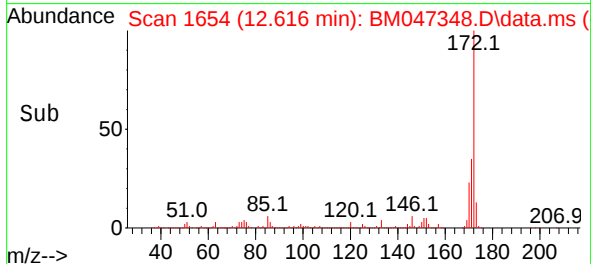
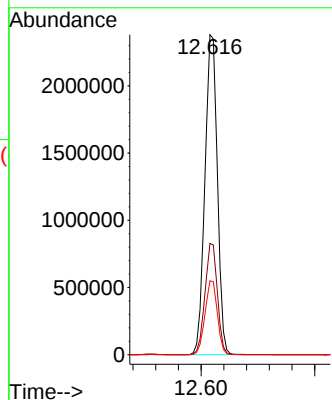
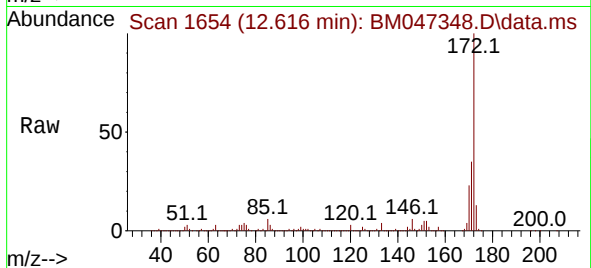
Tgt Ion:172 Resp: 3610156

Ion Ratio Lower Upper

172 100

171 34.7 27.8 41.6

170 23.1 18.5 27.7



#46

1,1'-Biphenyl

Concen: 41.021 ng

RT: 12.833 min Scan# 1691

Delta R.T. 0.000 min

Lab File: BM047348.D

Acq: 26 Aug 2024 15:02

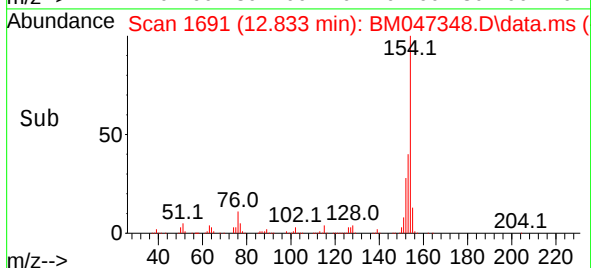
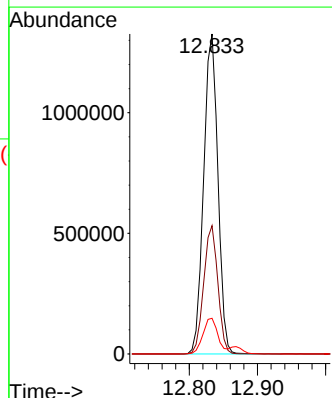
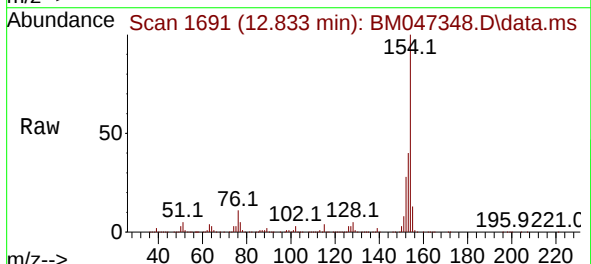
Tgt Ion:154 Resp: 1928294

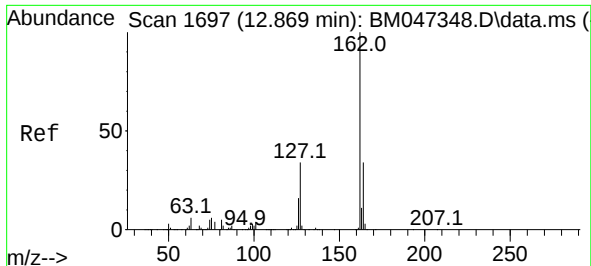
Ion Ratio Lower Upper

154 100

153 40.1 20.1 60.1

76 11.2 0.0 31.2

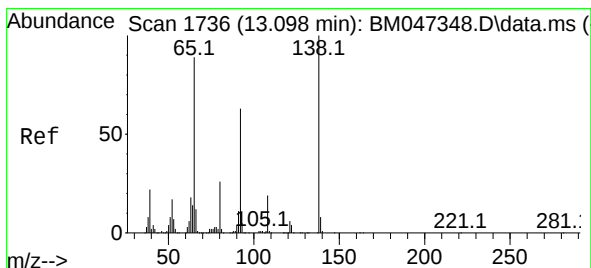
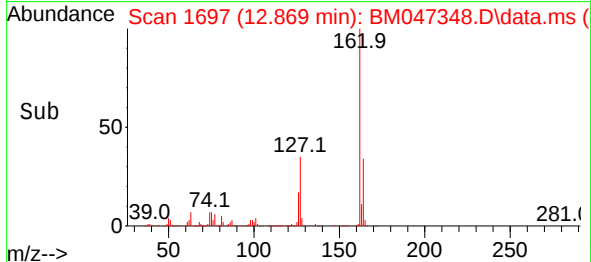
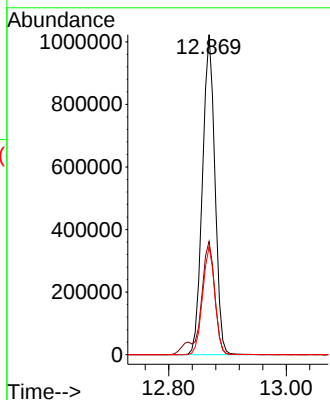
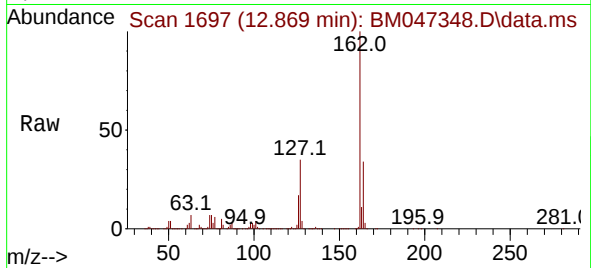




#47
2-Chloronaphthalene
Concen: 40.784 ng
RT: 12.869 min Scan# 1697
Delta R.T. 0.000 min
Lab File: BM047348.D
Acq: 26 Aug 2024 15:02

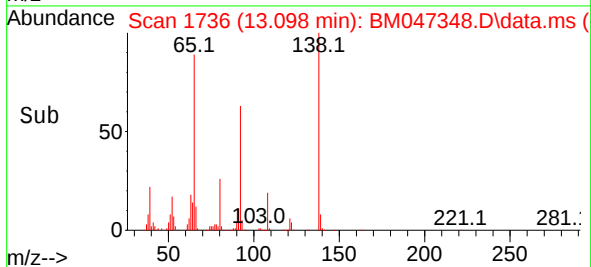
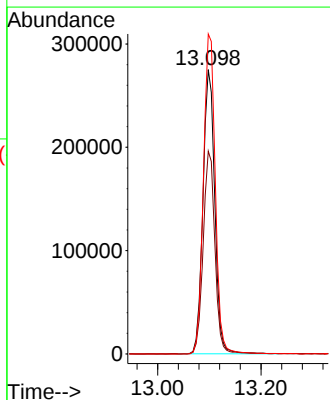
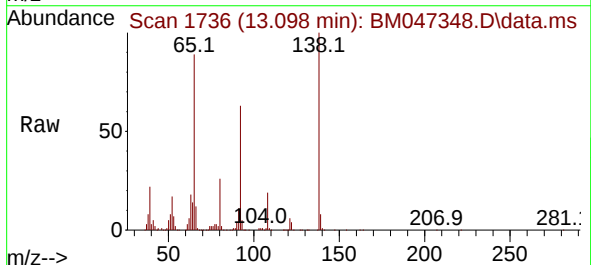
Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

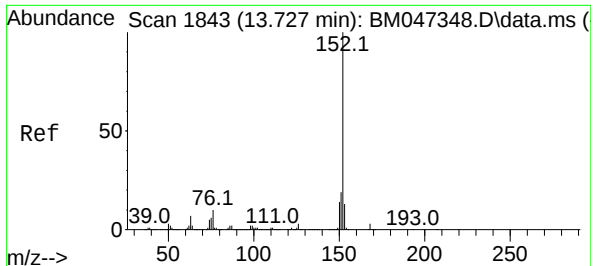
Tgt Ion:162 Resp: 1502379
Ion Ratio Lower Upper
162 100
127 35.4 28.3 42.5
164 33.7 27.0 40.4



#48
2-Nitroaniline
Concen: 42.247 ng
RT: 13.098 min Scan# 1736
Delta R.T. 0.000 min
Lab File: BM047348.D
Acq: 26 Aug 2024 15:02

Tgt Ion: 65 Resp: 435937
Ion Ratio Lower Upper
65 100
92 71.3 57.0 85.6
138 112.5 90.0 135.0

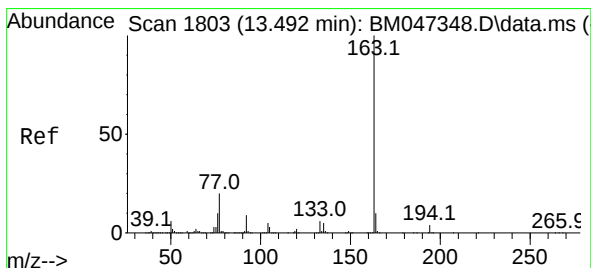
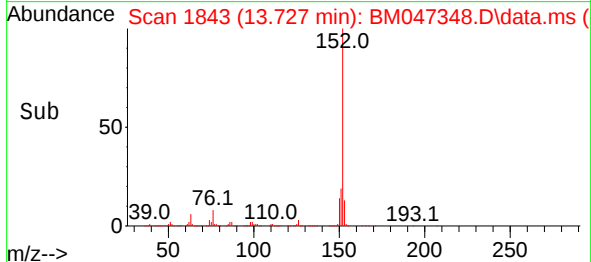
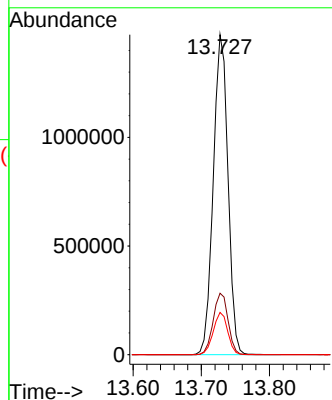
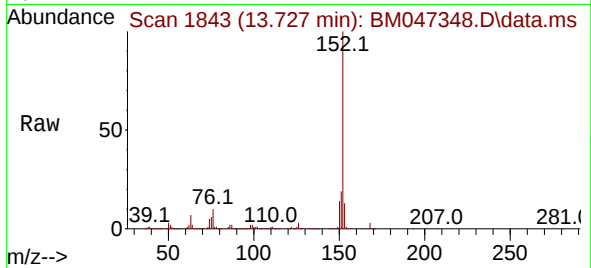




#49
Acenaphthylene
Concen: 41.259 ng
RT: 13.727 min Scan# 1843
Delta R.T. 0.000 min
Lab File: BM047348.D
Acq: 26 Aug 2024 15:02

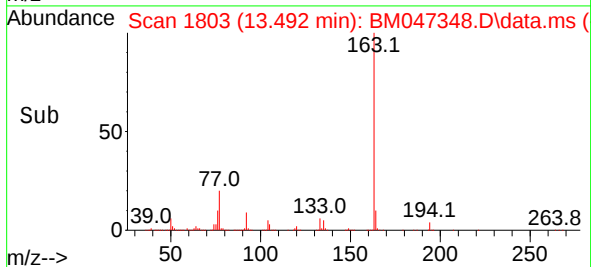
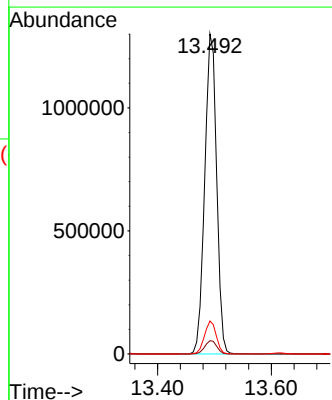
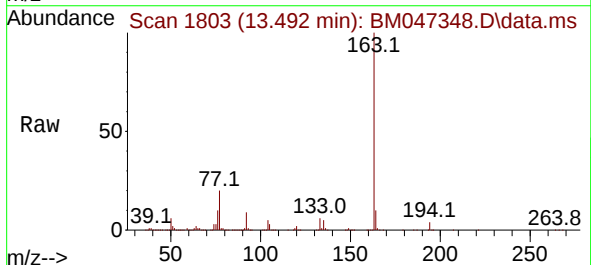
Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

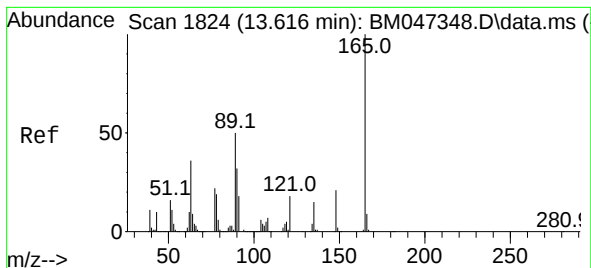
Tgt Ion:152 Resp: 2208955
Ion Ratio Lower Upper
152 100
151 19.2 15.4 23.0
153 13.2 10.6 15.8



#50
Dimethylphthalate
Concen: 40.659 ng
RT: 13.492 min Scan# 1803
Delta R.T. 0.000 min
Lab File: BM047348.D
Acq: 26 Aug 2024 15:02

Tgt Ion:163 Resp: 1886055
Ion Ratio Lower Upper
163 100
194 4.1 3.3 4.9
164 10.3 8.2 12.4

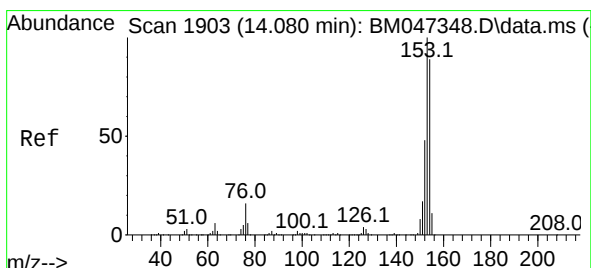
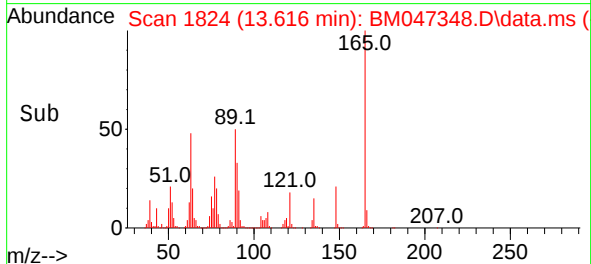
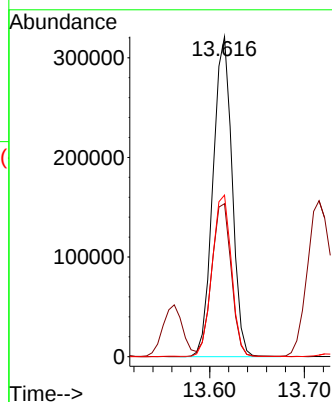
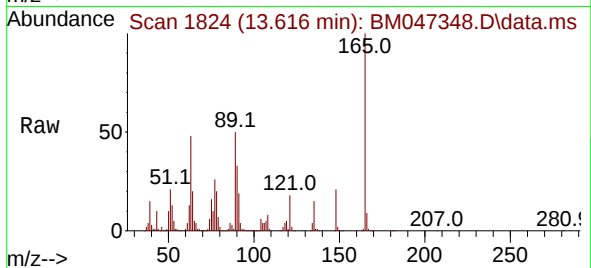




#51
2,6-Dinitrotoluene
Concen: 41.634 ng
RT: 13.616 min Scan# 11
Delta R.T. -0.000 min
Lab File: BM047348.D
Acq: 26 Aug 2024 15:02

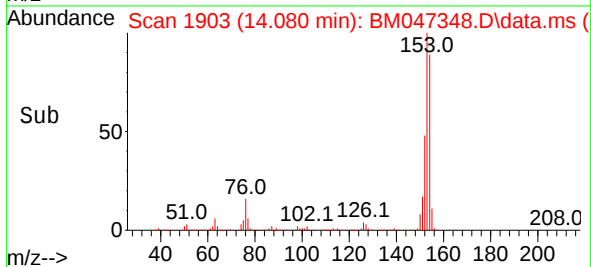
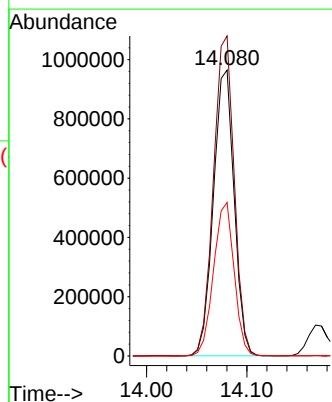
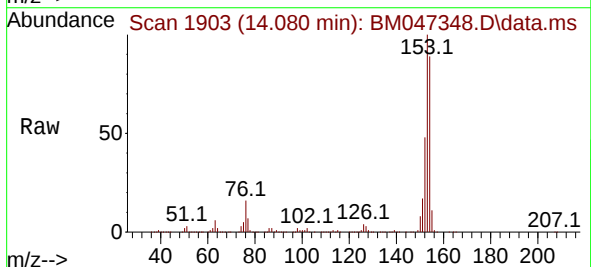
Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

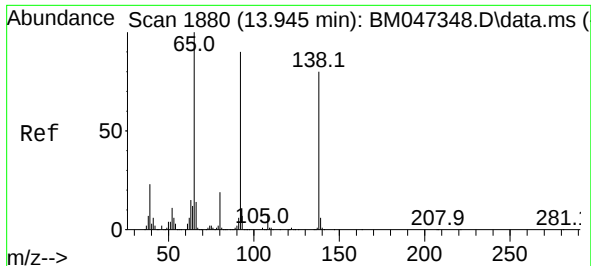
Tgt Ion:165 Resp: 449657
Ion Ratio Lower Upper
165 100
63 47.8 38.2 57.4
89 50.5 40.4 60.6



#52
Acenaphthene
Concen: 40.787 ng
RT: 14.080 min Scan# 1903
Delta R.T. 0.000 min
Lab File: BM047348.D
Acq: 26 Aug 2024 15:02

Tgt Ion:154 Resp: 1386265
Ion Ratio Lower Upper
154 100
153 111.9 89.5 134.3
152 53.7 43.0 64.4





#53

3-Nitroaniline

Concen: 41.949 ng

RT: 13.945 min Scan# 1880

Delta R.T. 0.000 min

Lab File: BM047348.D

Acq: 26 Aug 2024 15:02

Instrument :

BNA_M

ClientSampleId :

SSTDICCC040

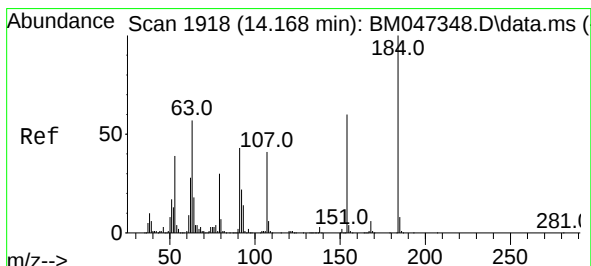
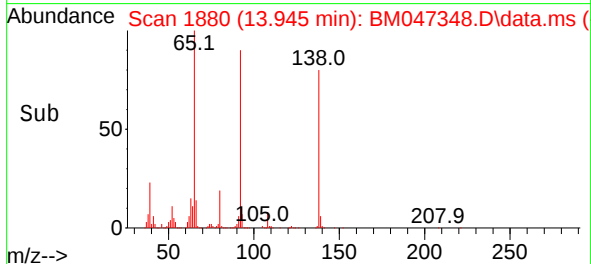
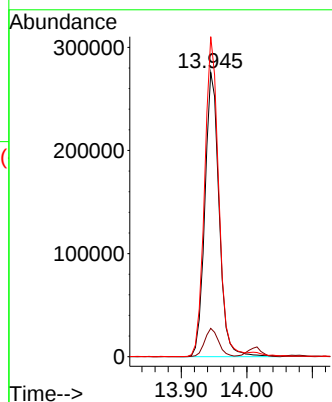
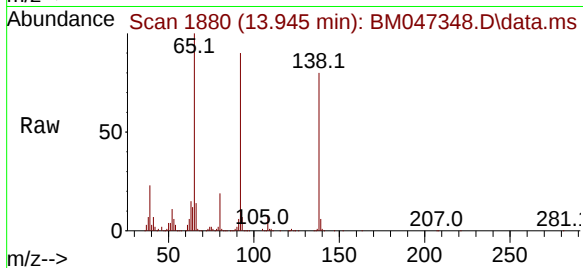
Tgt Ion:138 Resp: 418070

Ion Ratio Lower Upper

138 100

108 10.0 8.0 12.0

92 112.6 90.1 135.1



#54

2,4-Dinitrophenol

Concen: 42.185 ng

RT: 14.168 min Scan# 1918

Delta R.T. 0.000 min

Lab File: BM047348.D

Acq: 26 Aug 2024 15:02

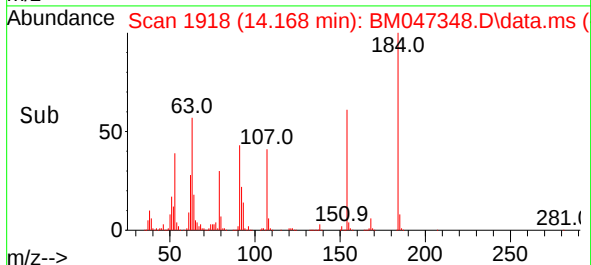
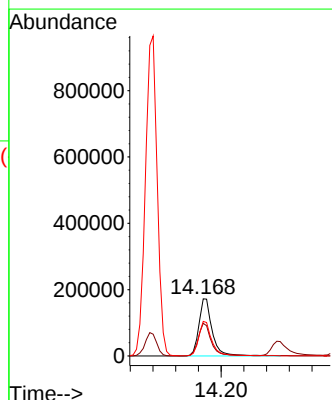
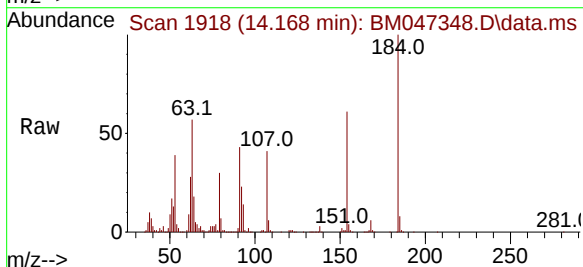
Tgt Ion:184 Resp: 280582

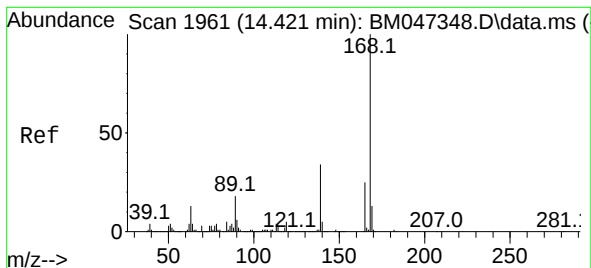
Ion Ratio Lower Upper

184 100

63 57.1 45.7 68.5

154 60.6 48.5 72.7





#55

Dibenzenofuran

Concen: 40.651 ng

RT: 14.421 min Scan# 1961

Delta R.T. 0.000 min

Lab File: BM047348.D

Acq: 26 Aug 2024 15:02

Instrument :

BNA_M

ClientSampleId :

SSTDICCC040

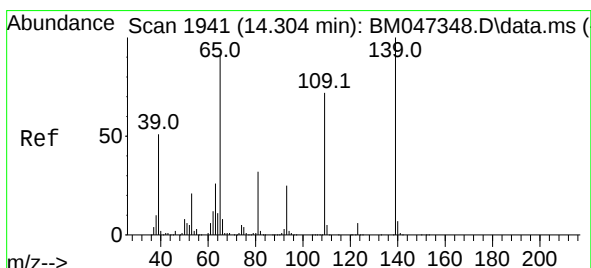
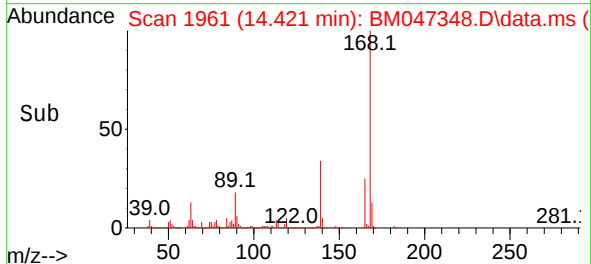
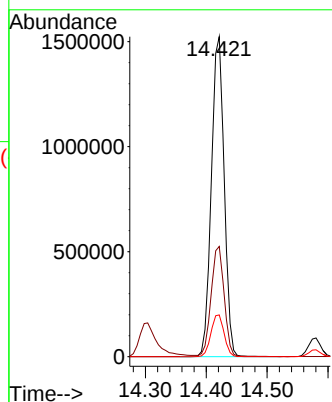
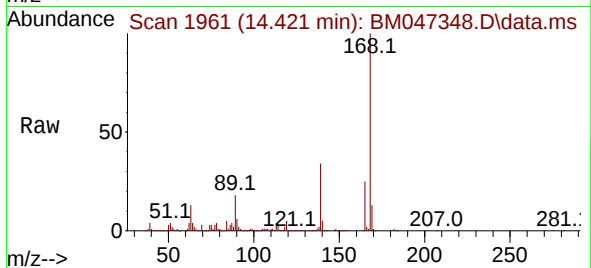
Tgt Ion:168 Resp: 2225445

Ion Ratio Lower Upper

168 100

139 34.4 27.5 41.3

169 13.1 10.5 15.7



#56

4-Nitrophenol

Concen: 41.405 ng

RT: 14.304 min Scan# 1941

Delta R.T. -0.000 min

Lab File: BM047348.D

Acq: 26 Aug 2024 15:02

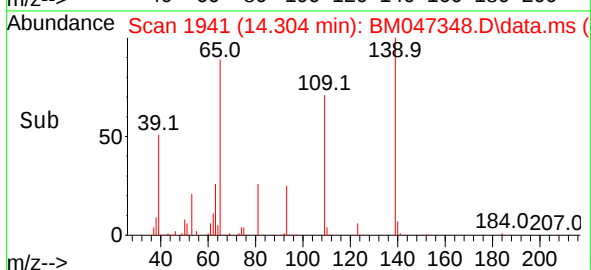
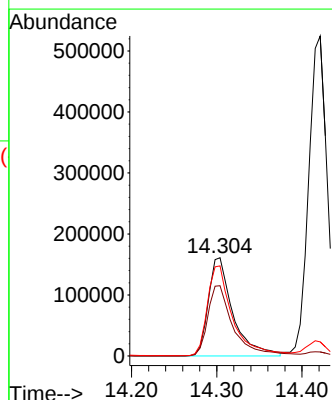
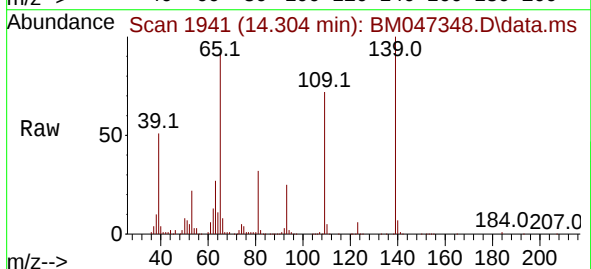
Tgt Ion:139 Resp: 322558

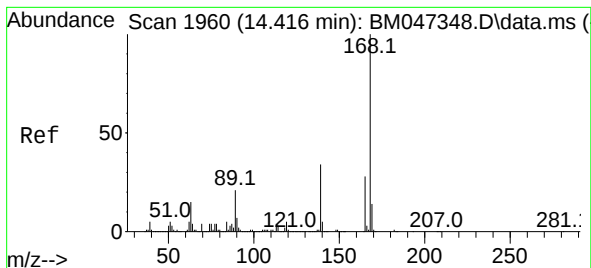
Ion Ratio Lower Upper

139 100

109 71.6 51.6 91.6

65 91.7 71.7 111.7

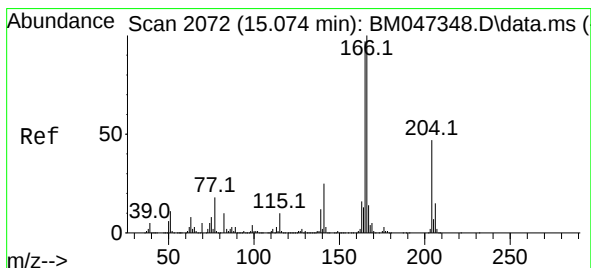
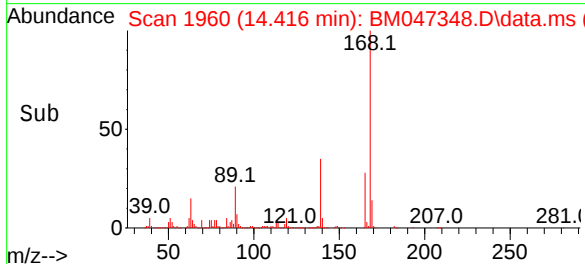
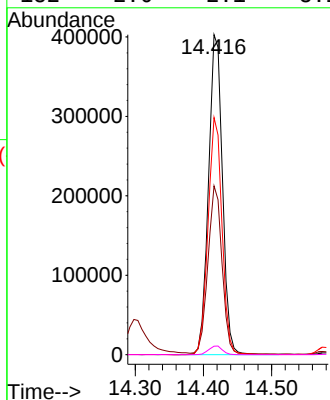
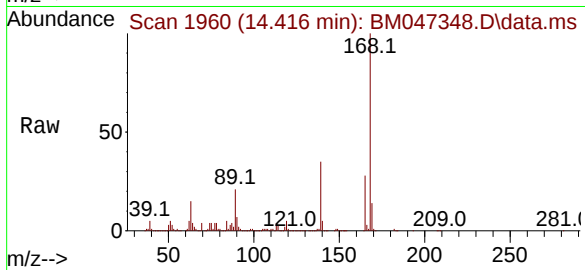




#57
2,4-Dinitrotoluene
Concen: 41.029 ng
RT: 14.416 min Scan# 1960
Delta R.T. 0.000 min
Lab File: BM047348.D
Acq: 26 Aug 2024 15:02

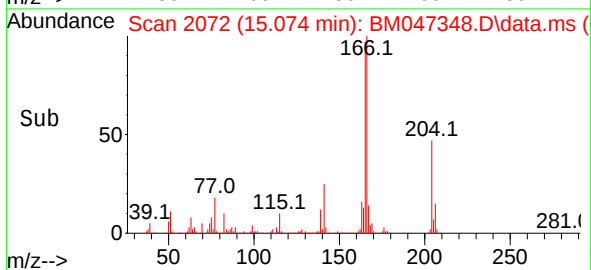
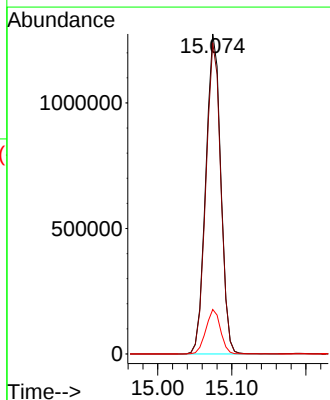
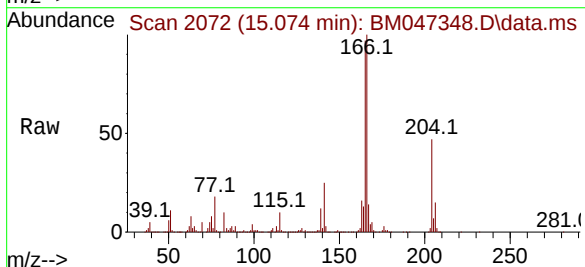
Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

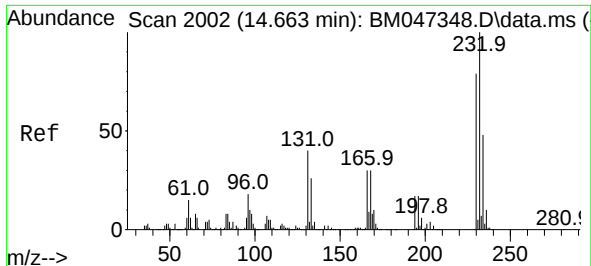
Tgt Ion:165 Resp: 573642
Ion Ratio Lower Upper
165 100
63 52.8 42.2 63.4
89 74.1 59.3 88.9
182 2.6 2.1 3.1



#58
Fluorene
Concen: 40.476 ng
RT: 15.074 min Scan# 2072
Delta R.T. 0.000 min
Lab File: BM047348.D
Acq: 26 Aug 2024 15:02

Tgt Ion:166 Resp: 1793321
Ion Ratio Lower Upper
166 100
165 97.2 77.8 116.6
167 13.9 11.1 16.7

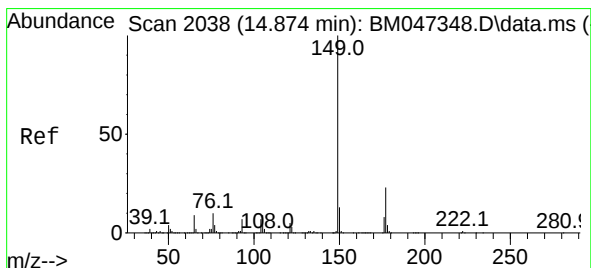
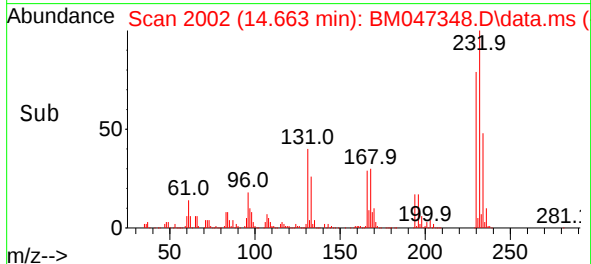
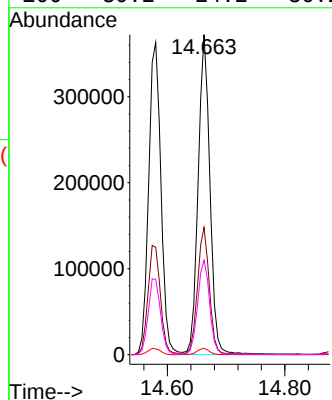
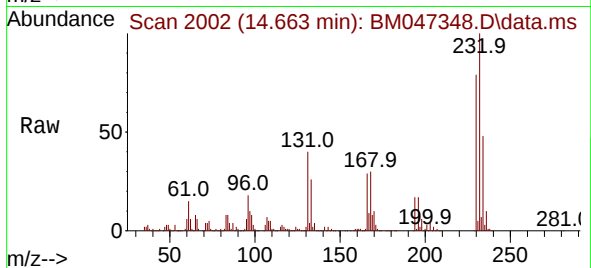




#59
2,3,4,6-Tetrachlorophenol
Concen: 41.378 ng
RT: 14.663 min Scan# 2002
Delta R.T. 0.000 min
Lab File: BM047348.D
Acq: 26 Aug 2024 15:02

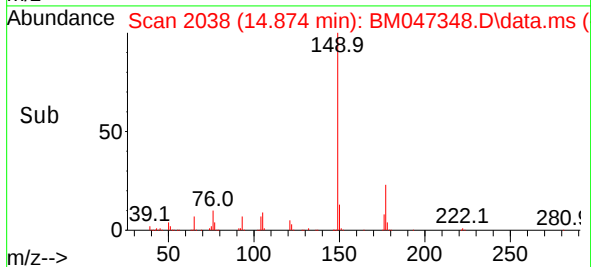
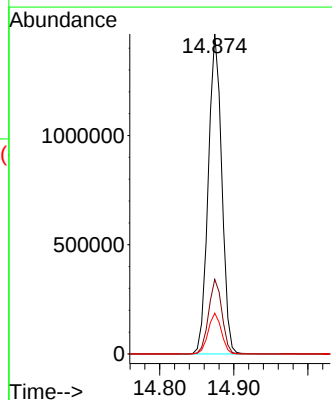
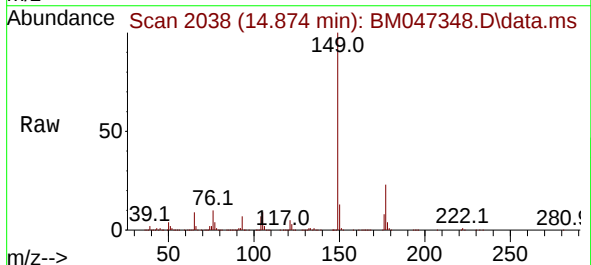
Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

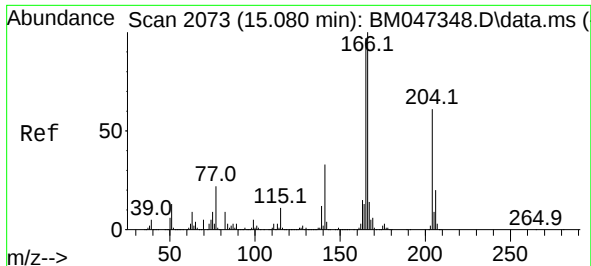
Tgt Ion:232 Resp: 515807
Ion Ratio Lower Upper
232 100
131 39.6 31.7 47.5
130 2.1 1.7 2.5
166 30.2 24.2 36.2



#60
Diethylphthalate
Concen: 40.450 ng
RT: 14.874 min Scan# 2038
Delta R.T. 0.000 min
Lab File: BM047348.D
Acq: 26 Aug 2024 15:02

Tgt Ion:149 Resp: 1850886
Ion Ratio Lower Upper
149 100
177 23.3 18.6 28.0
150 12.8 10.2 15.4

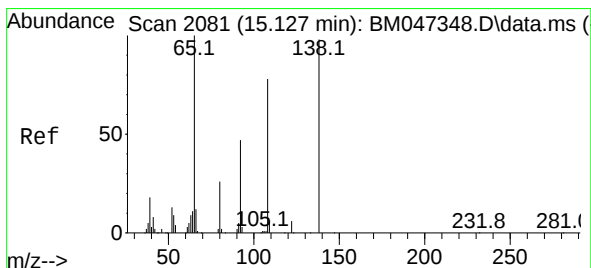
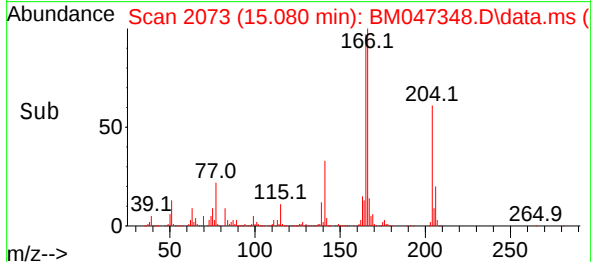
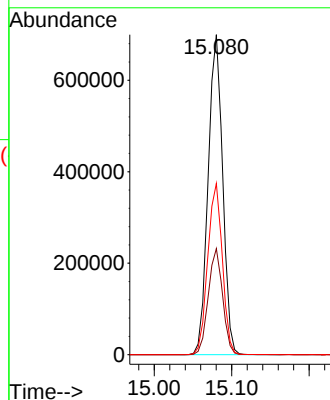
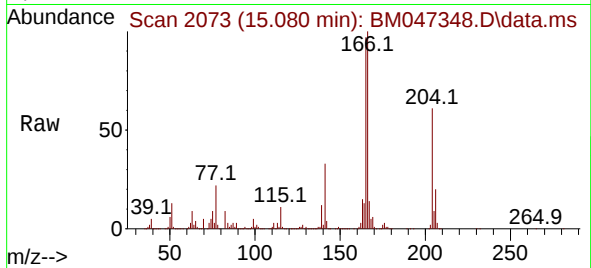




#61
4-Chlorophenyl-phenylether
Concen: 40.349 ng
RT: 15.080 min Scan# 2073
Delta R.T. 0.000 min
Lab File: BM047348.D
Acq: 26 Aug 2024 15:02

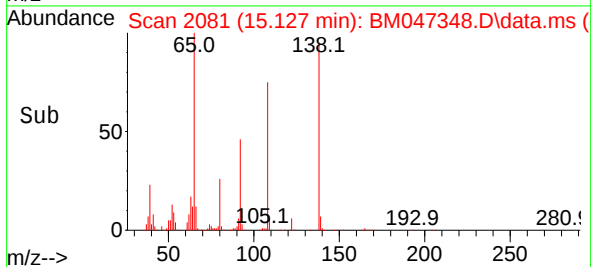
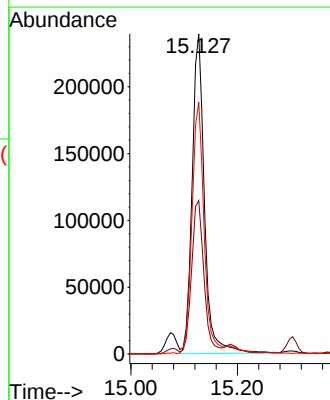
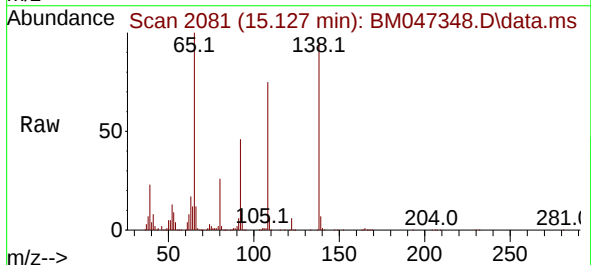
Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

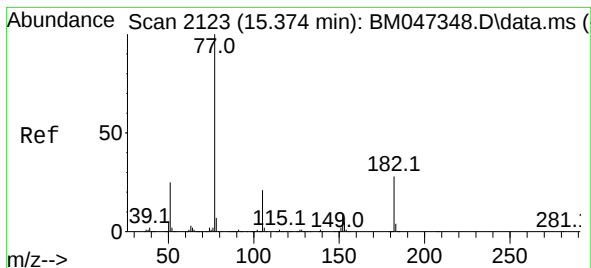
Tgt Ion:204 Resp: 909412
Ion Ratio Lower Upper
204 100
206 33.1 26.5 39.7
141 53.5 42.8 64.2



#62
4-Nitroaniline
Concen: 41.706 ng
RT: 15.127 min Scan# 2081
Delta R.T. 0.000 min
Lab File: BM047348.D
Acq: 26 Aug 2024 15:02

Tgt Ion:138 Resp: 384498
Ion Ratio Lower Upper
138 100
92 47.9 27.9 67.9
108 78.7 58.7 98.7





#63

Azobenzene

Concen: 40.808 ng

RT: 15.374 min Scan# 2123

Delta R.T. 0.000 min

Lab File: BM047348.D

Acq: 26 Aug 2024 15:02

Instrument :

BNA_M

ClientSampleId :

SSTDICCC040

Tgt Ion: 77 Resp: 1626025

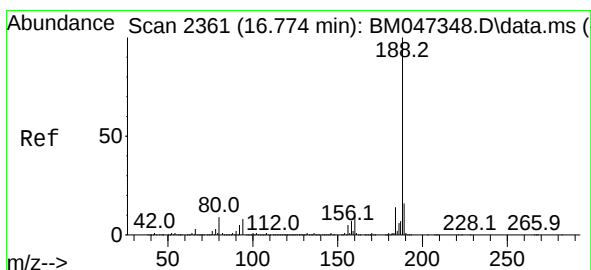
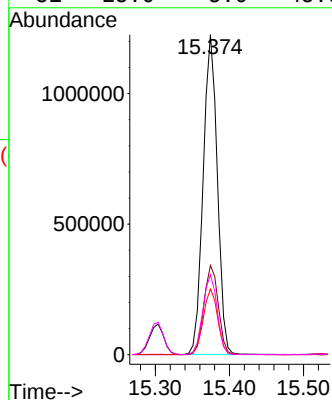
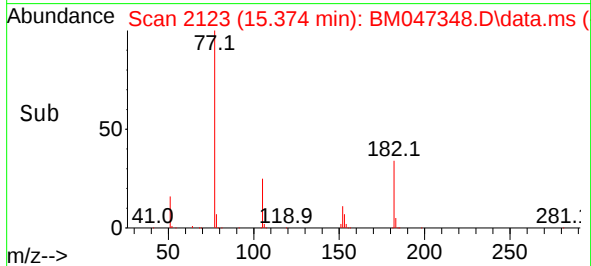
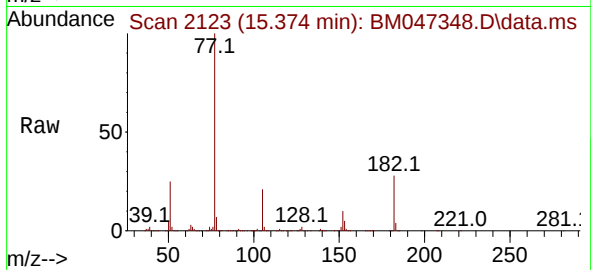
Ion Ratio Lower Upper

77 100

182 27.9 7.9 47.9

105 20.6 0.6 40.6

51 25.0 5.0 45.0



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 16.774 min Scan# 2361

Delta R.T. 0.000 min

Lab File: BM047348.D

Acq: 26 Aug 2024 15:02

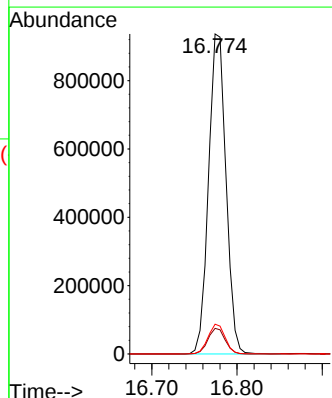
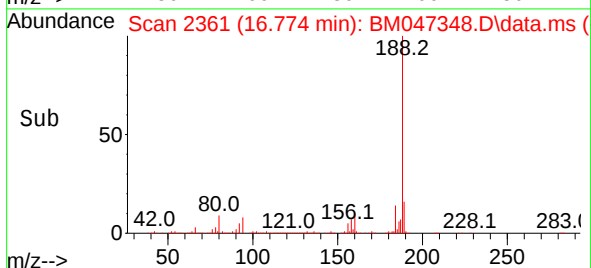
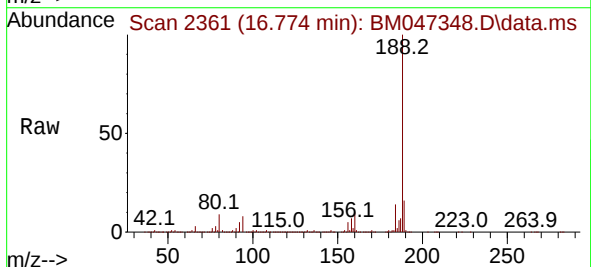
Tgt Ion: 188 Resp: 1330139

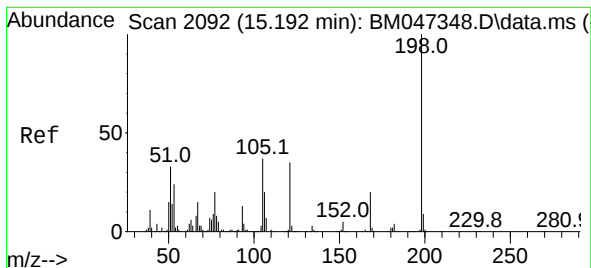
Ion Ratio Lower Upper

188 100

94 8.0 6.4 9.6

80 9.3 7.4 11.2

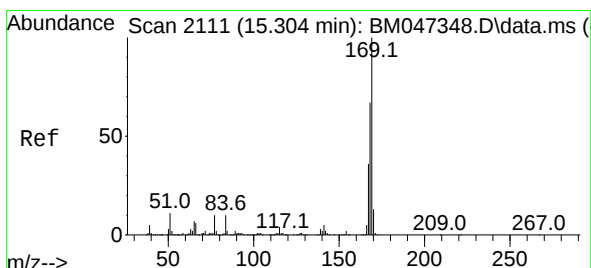
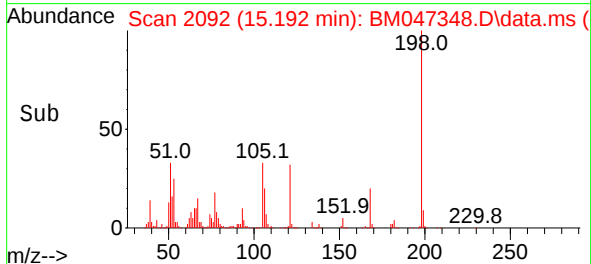
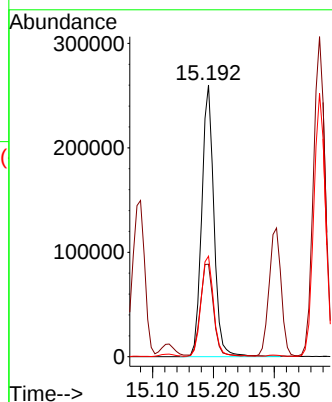
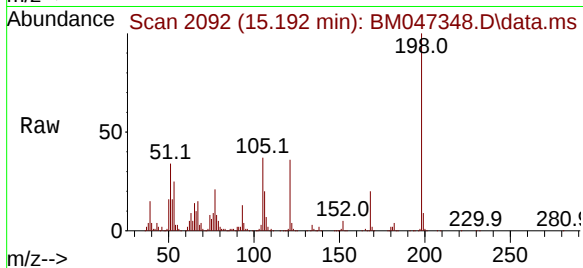




#65
4,6-Dinitro-2-methylphenol
Concen: 44.383 ng
RT: 15.192 min Scan# 2092
Delta R.T. 0.000 min
Lab File: BM047348.D
Acq: 26 Aug 2024 15:02

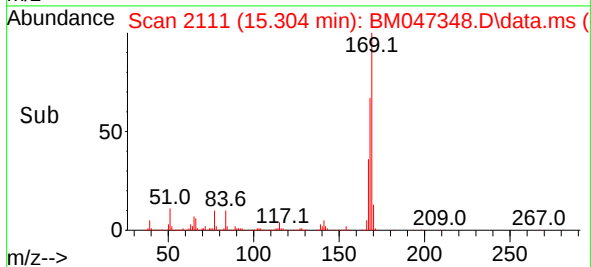
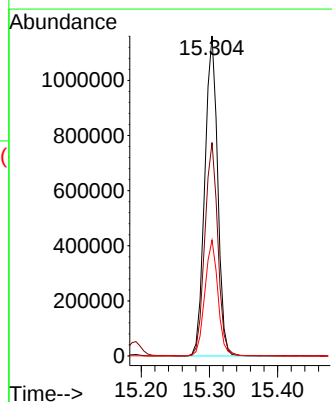
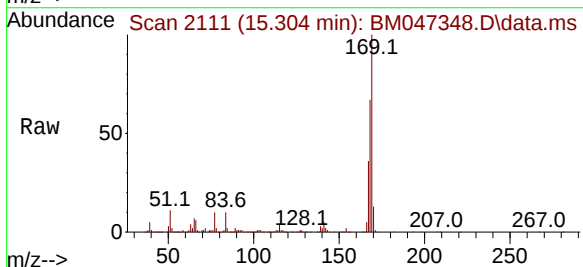
Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

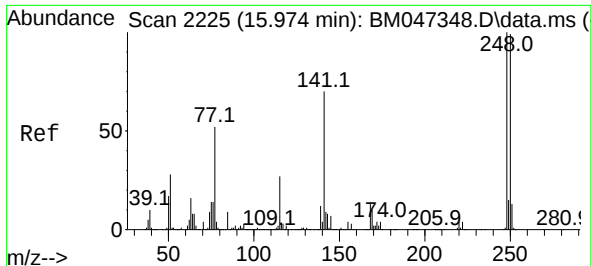
Tgt Ion:198 Resp: 362344
Ion Ratio Lower Upper
198 100
51 34.1 14.1 54.1
105 37.0 17.0 57.0



#66
n-Nitrosodiphenylamine
Concen: 41.924 ng
RT: 15.304 min Scan# 2111
Delta R.T. 0.000 min
Lab File: BM047348.D
Acq: 26 Aug 2024 15:02

Tgt Ion:169 Resp: 1525888
Ion Ratio Lower Upper
169 100
168 66.7 53.4 80.0
167 36.2 29.0 43.4

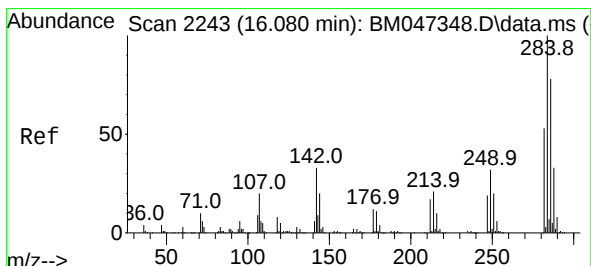
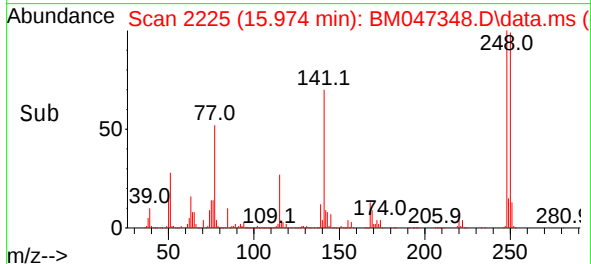
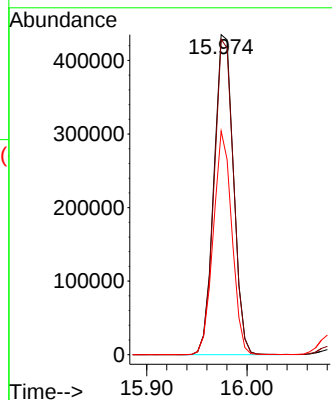
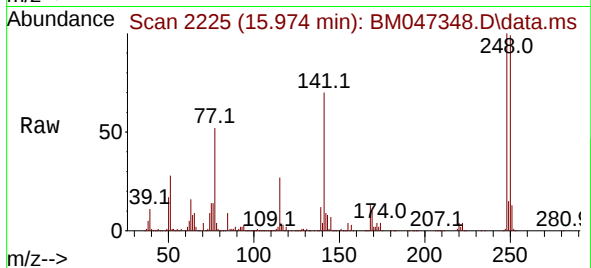




#67
4-Bromophenyl-phenylether
Concen: 41.849 ng
RT: 15.974 min Scan# 2225
Delta R.T. 0.000 min
Lab File: BM047348.D
Acq: 26 Aug 2024 15:02

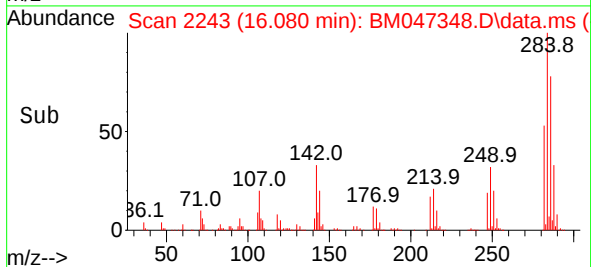
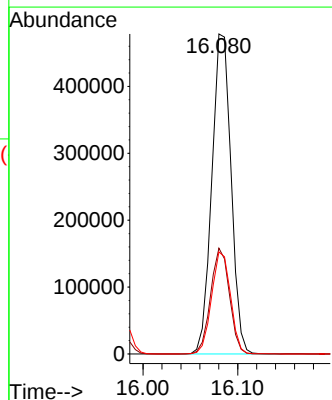
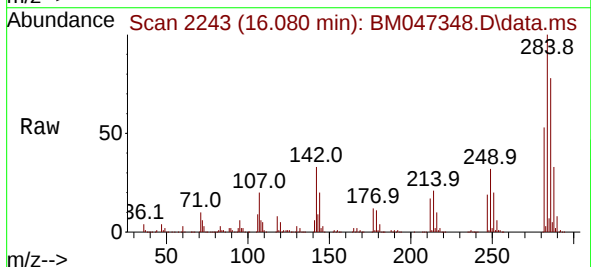
Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

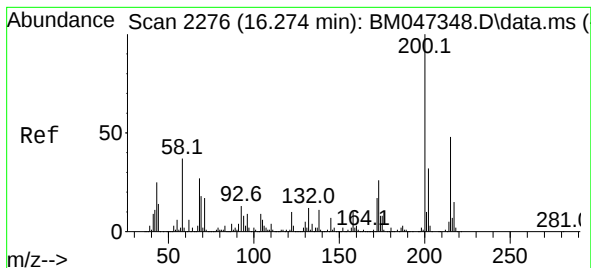
Tgt Ion:248 Resp: 587242
Ion Ratio Lower Upper
248 100
250 98.5 78.8 118.2
141 69.9 55.9 83.9



#68
Hexachlorobenzene
Concen: 41.659 ng
RT: 16.080 min Scan# 2243
Delta R.T. 0.000 min
Lab File: BM047348.D
Acq: 26 Aug 2024 15:02

Tgt Ion:284 Resp: 675175
Ion Ratio Lower Upper
284 100
142 33.1 26.5 39.7
249 31.9 25.5 38.3





#69

Atrazine

Concen: 36.036 ng

RT: 16.274 min Scan# 2276

Delta R.T. 0.000 min

Lab File: BM047348.D

Acq: 26 Aug 2024 15:02

Instrument :

BNA_M

ClientSampleId :

SSTDICCC040

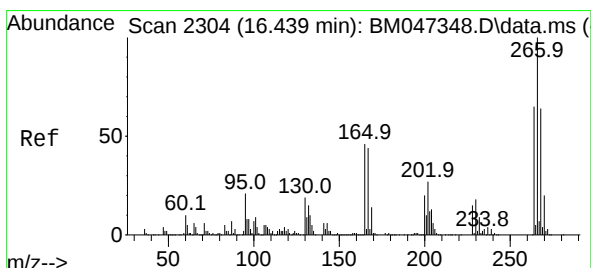
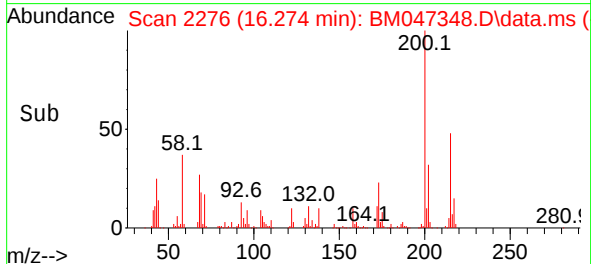
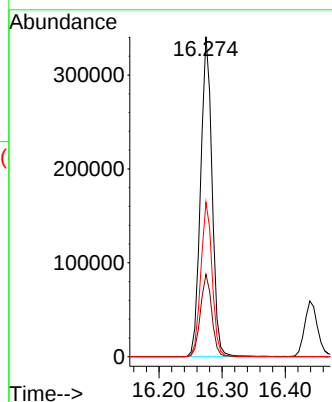
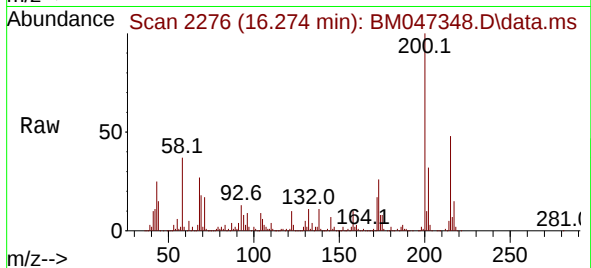
Tgt Ion:200 Resp: 428703

Ion Ratio Lower Upper

200 100

173 25.8 5.8 45.8

215 48.3 28.3 68.3



#70

Pentachlorophenol

Concen: 43.100 ng

RT: 16.439 min Scan# 2304

Delta R.T. 0.000 min

Lab File: BM047348.D

Acq: 26 Aug 2024 15:02

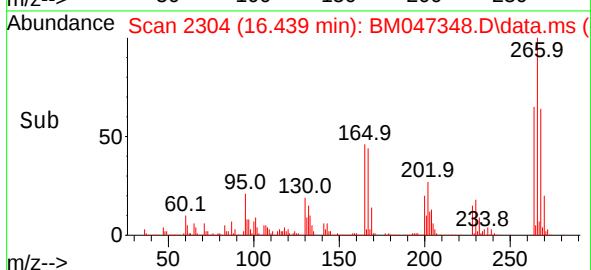
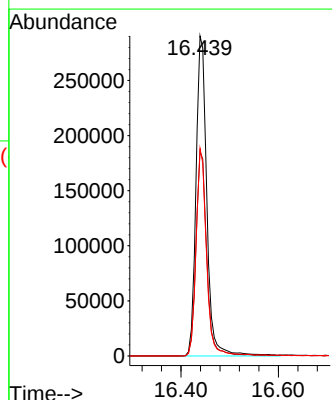
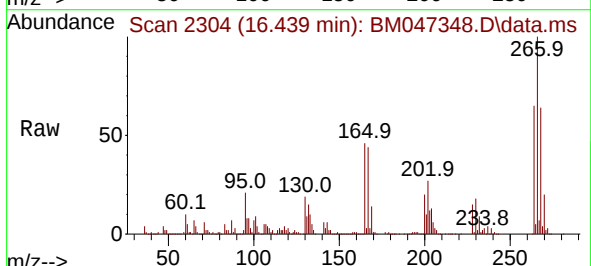
Tgt Ion:266 Resp: 451619

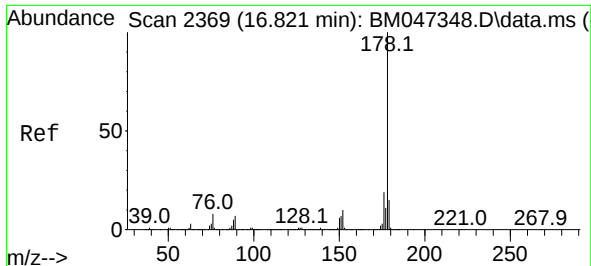
Ion Ratio Lower Upper

266 100

268 63.8 51.0 76.6

264 64.9 51.9 77.9

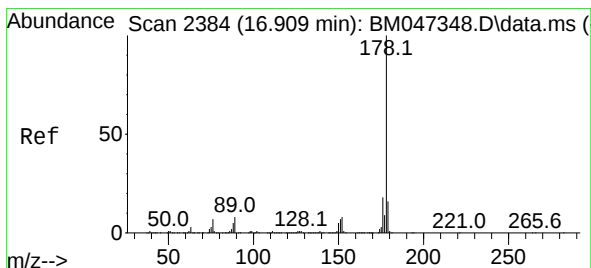
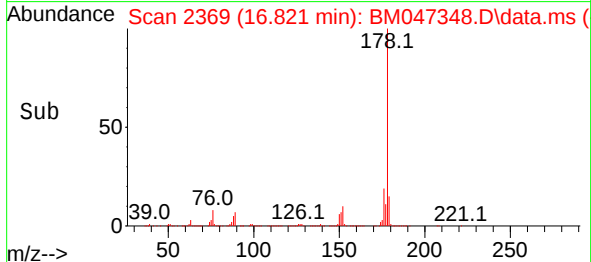
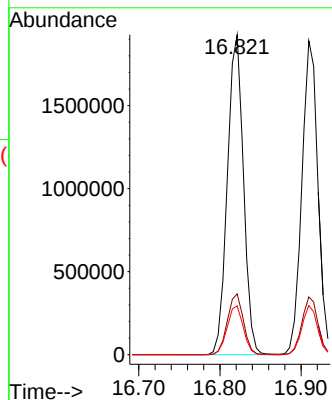
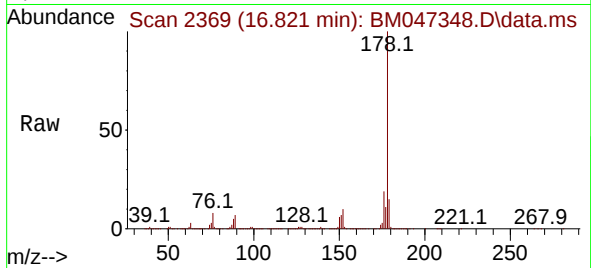




#71
Phenanthrene
Concen: 41.073 ng
RT: 16.821 min Scan# 2369
Delta R.T. 0.000 min
Lab File: BM047348.D
Acq: 26 Aug 2024 15:02

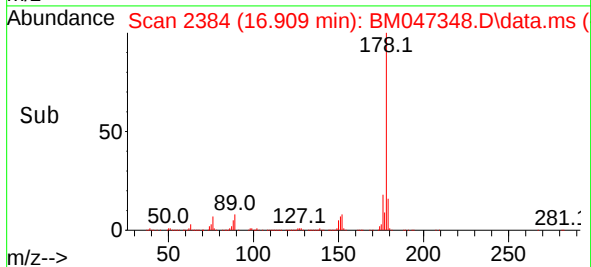
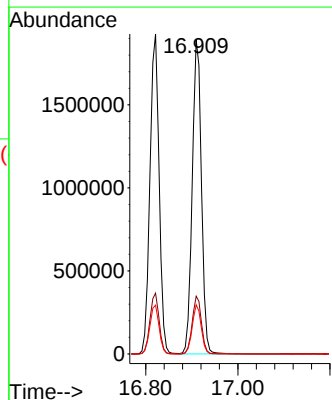
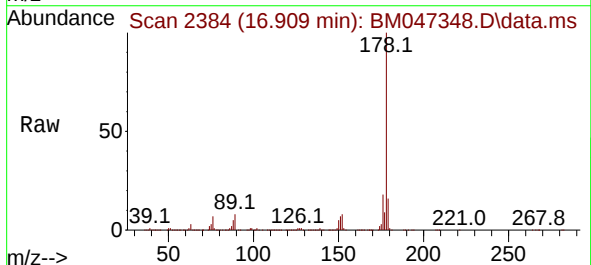
Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

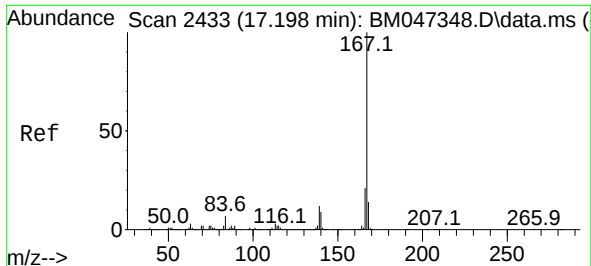
Tgt Ion:178 Resp: 2653203
Ion Ratio Lower Upper
178 100
176 19.0 15.2 22.8
179 15.3 12.2 18.4



#72
Anthracene
Concen: 41.472 ng
RT: 16.909 min Scan# 2384
Delta R.T. 0.000 min
Lab File: BM047348.D
Acq: 26 Aug 2024 15:02

Tgt Ion:178 Resp: 2611597
Ion Ratio Lower Upper
178 100
176 18.4 14.7 22.1
179 15.7 12.6 18.8

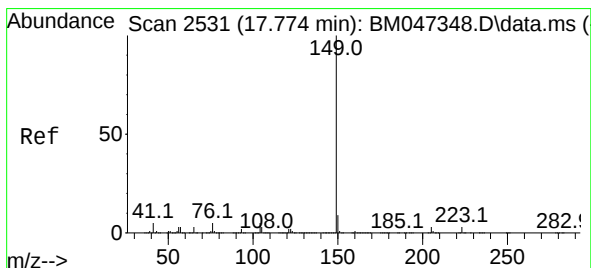
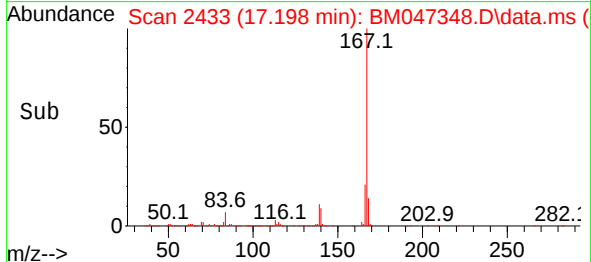
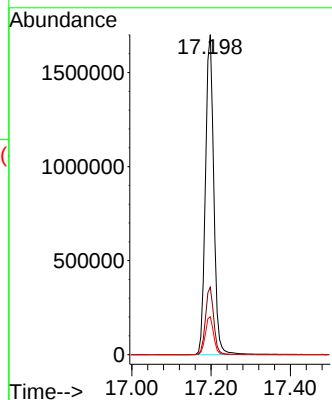
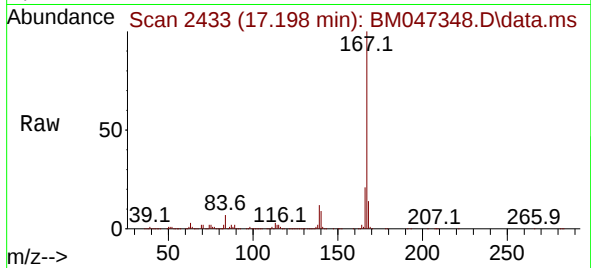




#73
 Carbazole
 Concen: 41.330 ng
 RT: 17.198 min Scan# 2433
 Delta R.T. 0.000 min
 Lab File: BM047348.D
 Acq: 26 Aug 2024 15:02

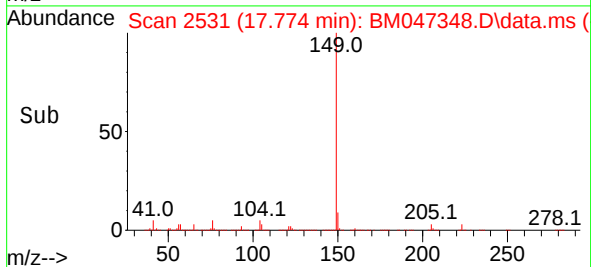
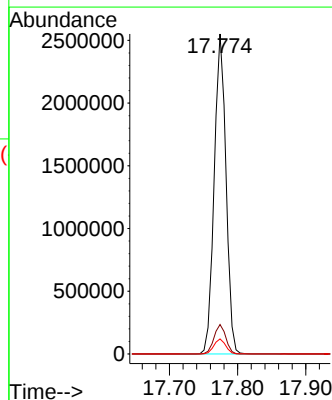
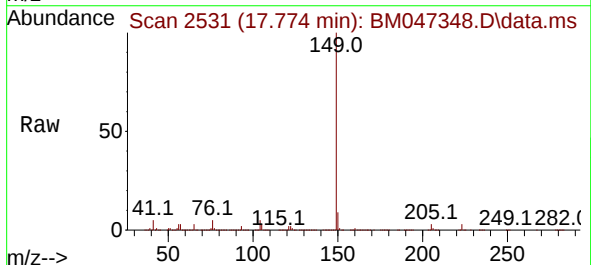
Instrument :
 BNA_M
 ClientSampleId :
 SSTDICCC040

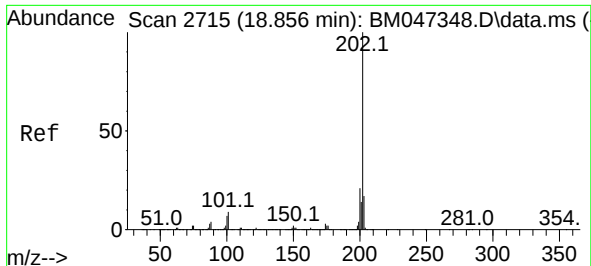
Tgt Ion:167 Resp: 2497502
 Ion Ratio Lower Upper
 167 100
 166 21.1 16.9 25.3
 139 11.9 9.5 14.3



#74
 Di-n-butylphthalate
 Concen: 41.704 ng
 RT: 17.774 min Scan# 2531
 Delta R.T. 0.000 min
 Lab File: BM047348.D
 Acq: 26 Aug 2024 15:02

Tgt Ion:149 Resp: 3068722
 Ion Ratio Lower Upper
 149 100
 150 9.2 7.4 11.0
 104 4.7 3.8 5.6

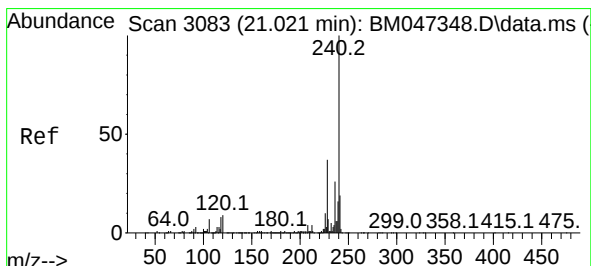
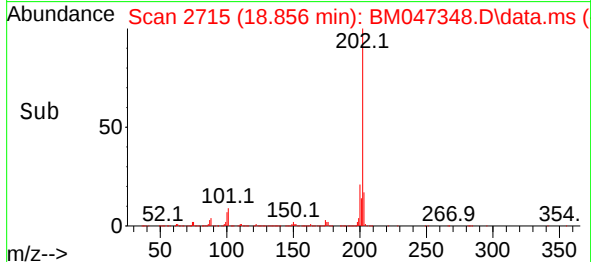
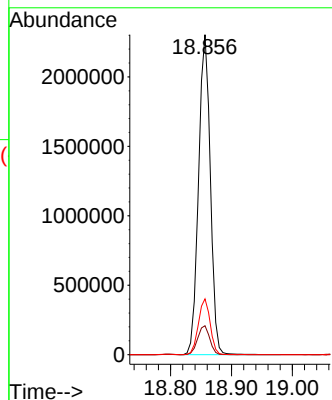
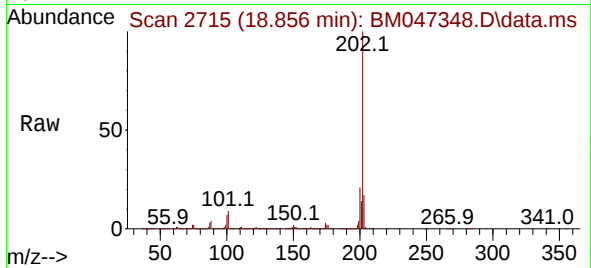




#75
 Fluoranthene
 Concen: 40.802 ng
 RT: 18.856 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BM047348.D
 Acq: 26 Aug 2024 15:02

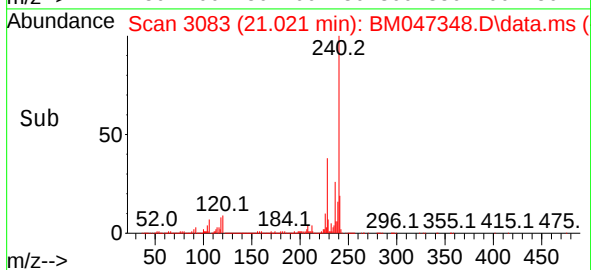
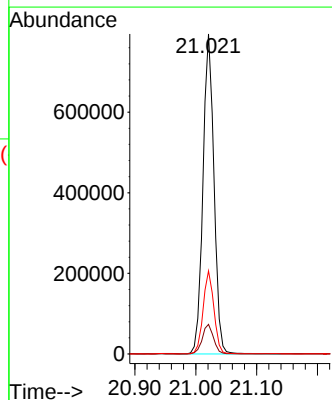
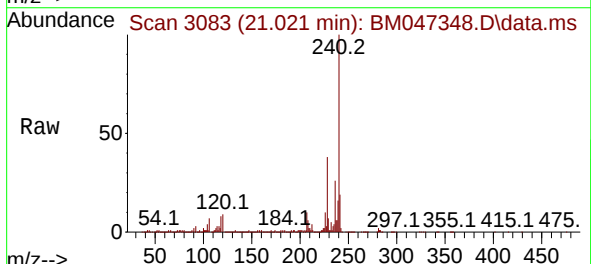
Instrument :
 BNA_M
 ClientSampleId :
 SSTDICCC040

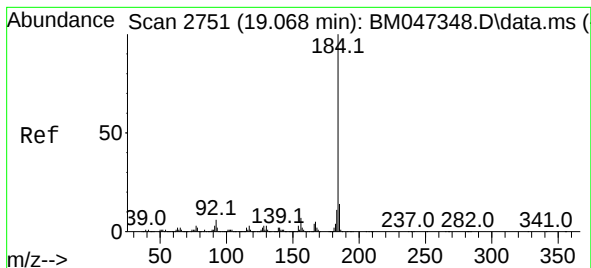
Tgt Ion:202 Resp: 3094789
 Ion Ratio Lower Upper
 202 100
 101 9.0 0.0 29.0
 203 17.5 0.0 37.5



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.021 min Scan# 3083
 Delta R.T. 0.000 min
 Lab File: BM047348.D
 Acq: 26 Aug 2024 15:02

Tgt Ion:240 Resp: 999229
 Ion Ratio Lower Upper
 240 100
 120 9.2 7.4 11.0
 236 26.0 20.8 31.2





#77

Benzidine

Concen: 60.708 ng

RT: 19.068 min Scan# 2751

Delta R.T. 0.000 min

Lab File: BM047348.D

Acq: 26 Aug 2024 15:02

Instrument :

BNA_M

ClientSampleId :

SSTDICCC040

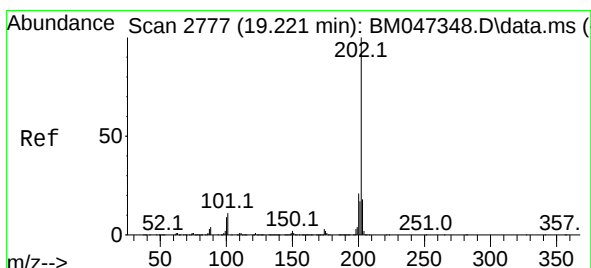
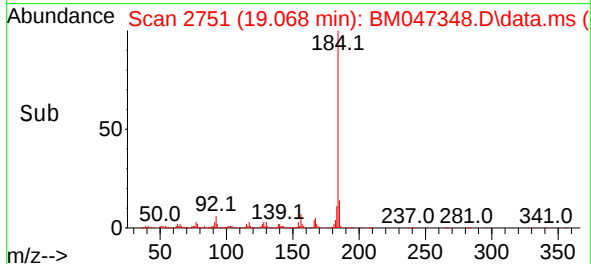
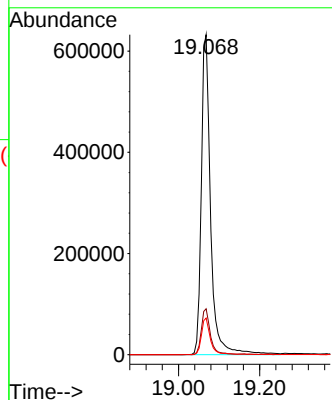
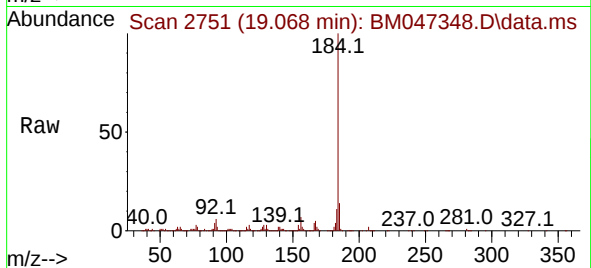
Tgt Ion:184 Resp: 1012571

Ion Ratio Lower Upper

184 100

185 14.4 11.5 17.3

183 11.5 9.2 13.8



#78

Pyrene

Concen: 41.676 ng

RT: 19.221 min Scan# 2777

Delta R.T. 0.000 min

Lab File: BM047348.D

Acq: 26 Aug 2024 15:02

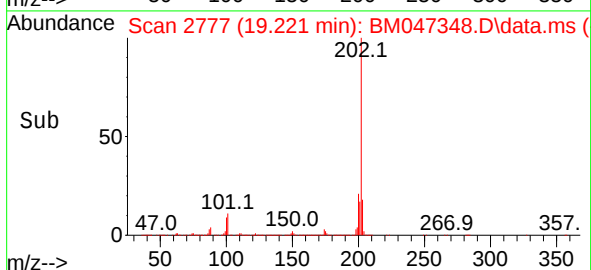
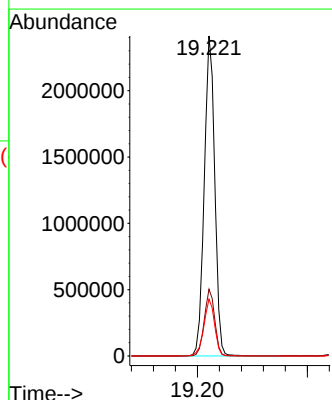
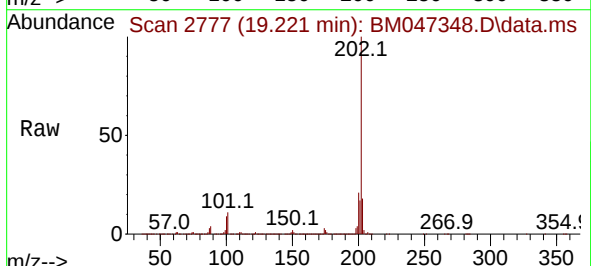
Tgt Ion:202 Resp: 3193970

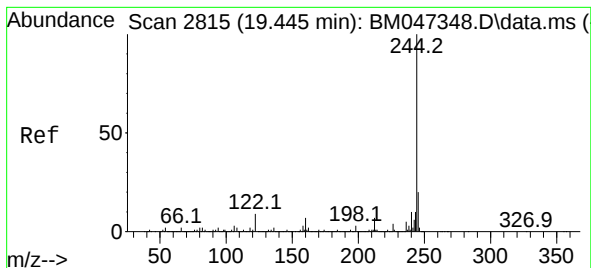
Ion Ratio Lower Upper

202 100

200 20.9 16.7 25.1

203 17.8 14.2 21.4





#79

Terphenyl-d14

Concen: 83.704 ng

RT: 19.445 min Scan# 2815

Delta R.T. 0.000 min

Lab File: BM047348.D

Acq: 26 Aug 2024 15:02

Instrument :

BNA_M

ClientSampleId :

SSTDICCC040

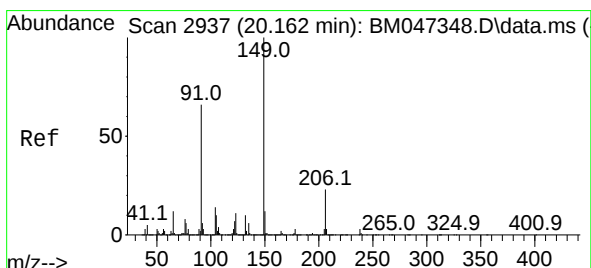
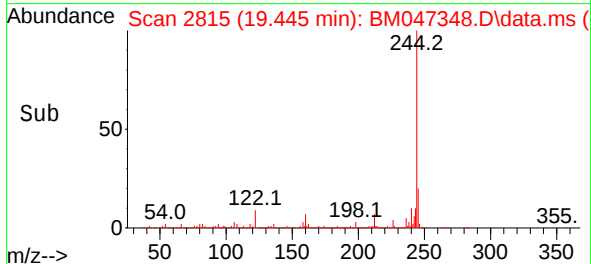
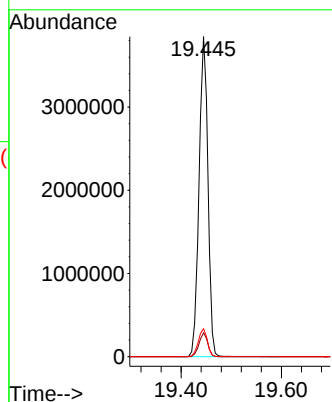
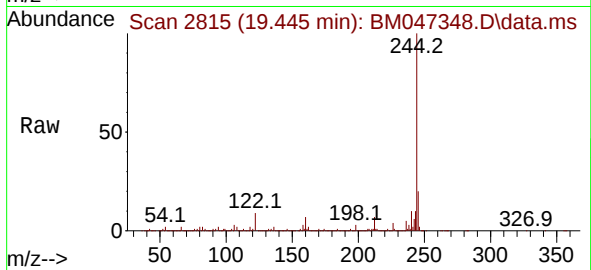
Tgt Ion:244 Resp: 4698978

Ion Ratio Lower Upper

244 100

212 7.5 6.0 9.0

122 8.7 7.0 10.4



#80

Butylbenzylphthalate

Concen: 42.810 ng

RT: 20.162 min Scan# 2937

Delta R.T. 0.000 min

Lab File: BM047348.D

Acq: 26 Aug 2024 15:02

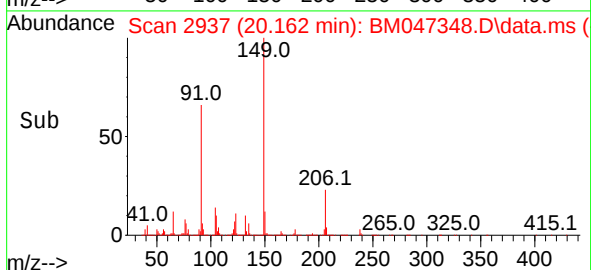
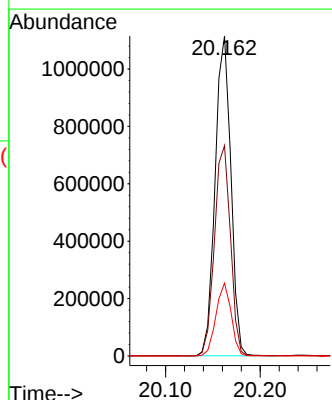
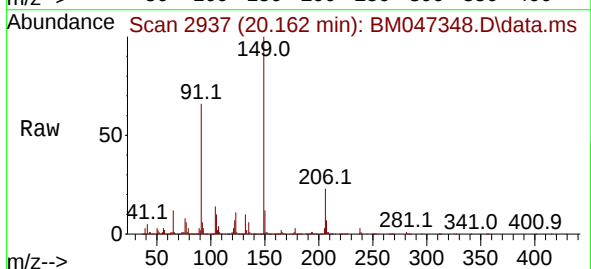
Tgt Ion:149 Resp: 1283893

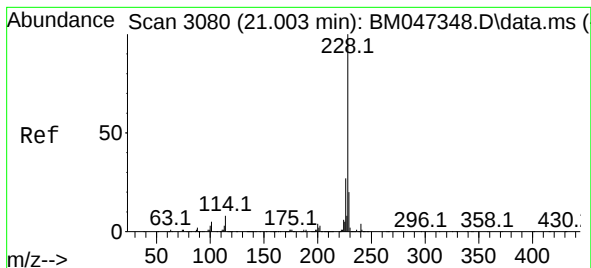
Ion Ratio Lower Upper

149 100

91 65.8 52.6 79.0

206 22.7 18.2 27.2





#81

Benzo(a)anthracene

Concen: 41.572 ng

RT: 21.003 min Scan# 3080

Delta R.T. 0.000 min

Lab File: BM047348.D

Acq: 26 Aug 2024 15:02

Instrument :

BNA_M

ClientSampleId :

SSTDICCC040

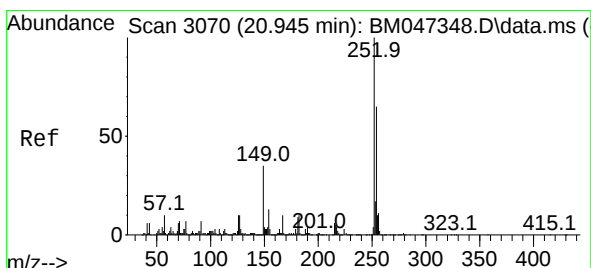
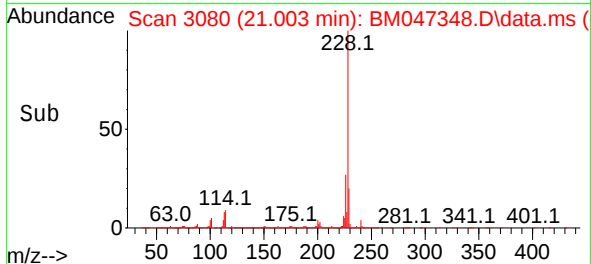
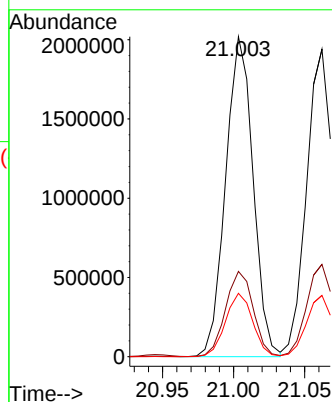
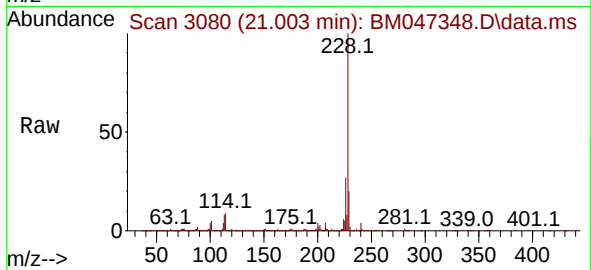
Tgt Ion:228 Resp: 2708966

Ion Ratio Lower Upper

228 100

226 26.7 21.4 32.0

229 19.8 15.8 23.8



#82

3,3'-Dichlorobenzidine

Concen: 43.660 ng

RT: 20.945 min Scan# 3070

Delta R.T. 0.000 min

Lab File: BM047348.D

Acq: 26 Aug 2024 15:02

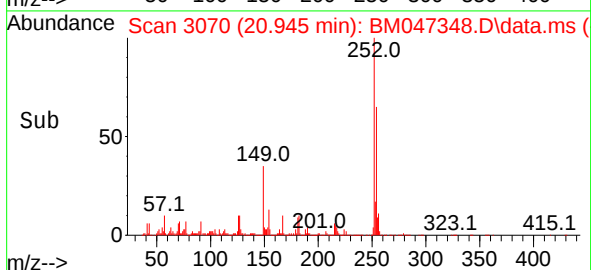
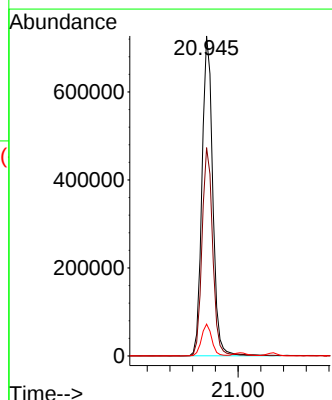
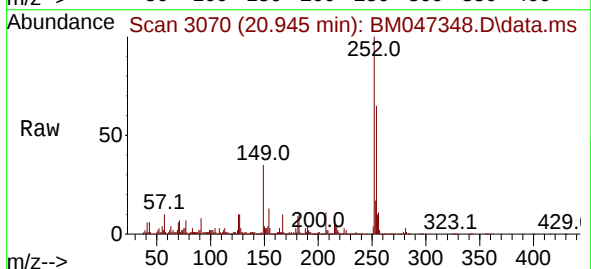
Tgt Ion:252 Resp: 957021

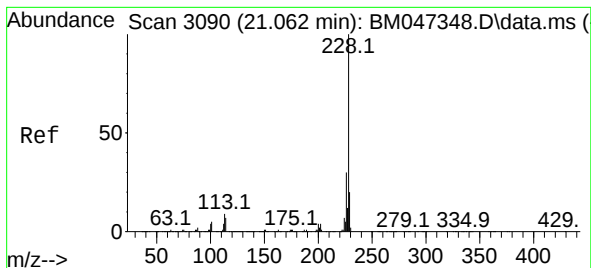
Ion Ratio Lower Upper

252 100

254 65.1 52.1 78.1

126 9.9 7.9 11.9





#83

Chrysene

Concen: 41.288 ng

RT: 21.062 min Scan# 3090

Delta R.T. 0.000 min

Lab File: BM047348.D

Acq: 26 Aug 2024 15:02

Instrument :

BNA_M

ClientSampleId :

SSTDICCC040

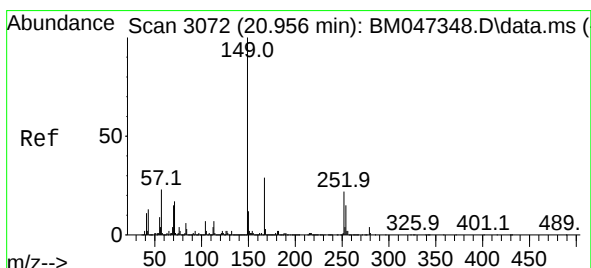
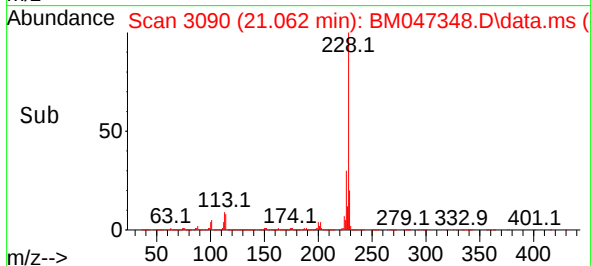
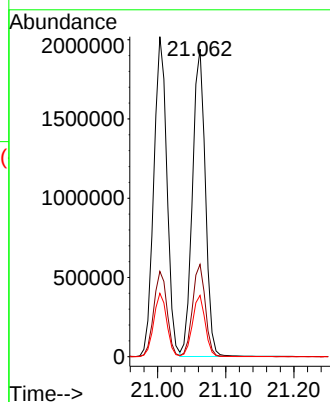
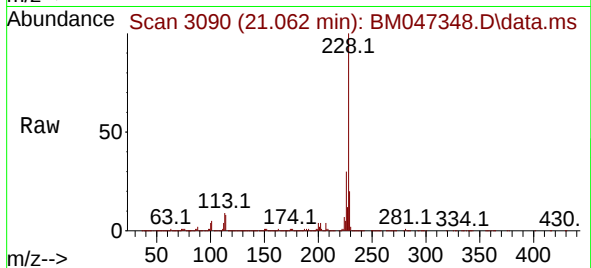
Tgt Ion:228 Resp: 2530820

Ion Ratio Lower Upper

228 100

226 30.0 24.0 36.0

229 19.9 15.9 23.9



#84

Bis(2-ethylhexyl)phthalate

Concen: 42.067 ng

RT: 20.956 min Scan# 3072

Delta R.T. 0.000 min

Lab File: BM047348.D

Acq: 26 Aug 2024 15:02

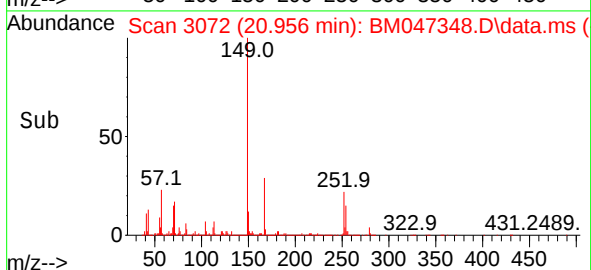
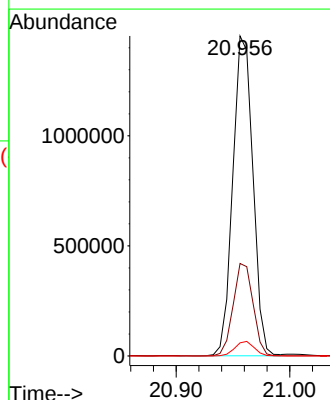
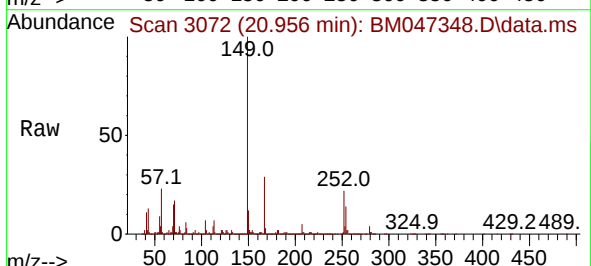
Tgt Ion:149 Resp: 1783075

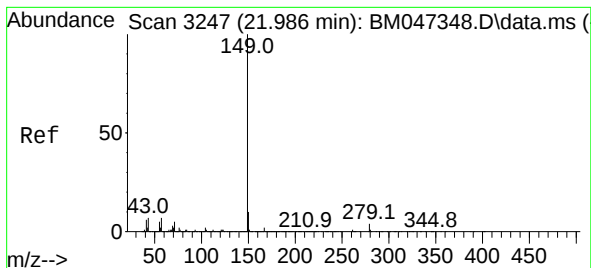
Ion Ratio Lower Upper

149 100

167 28.9 23.1 34.7

279 4.1 3.3 4.9





#85

Di-n-octyl phthalate

Concen: 42.608 ng

RT: 21.986 min Scan# 31

Delta R.T. 0.000 min

Lab File: BM047348.D

Acq: 26 Aug 2024 15:02

Instrument :

BNA_M

ClientSampleId :

SSTDICCC040

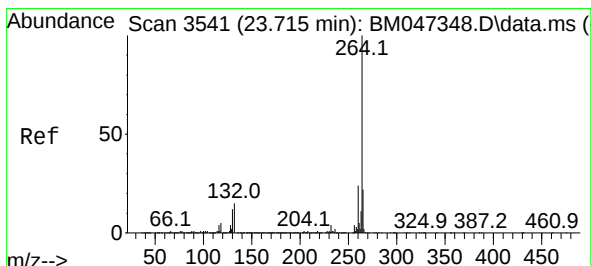
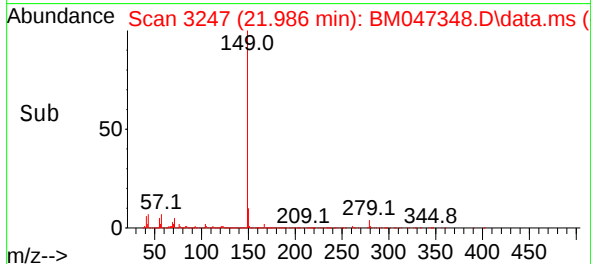
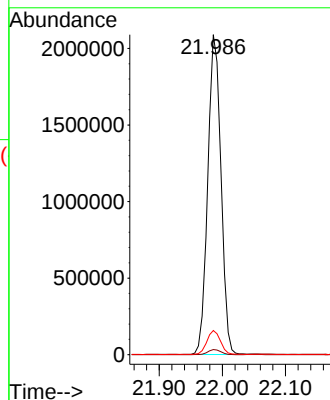
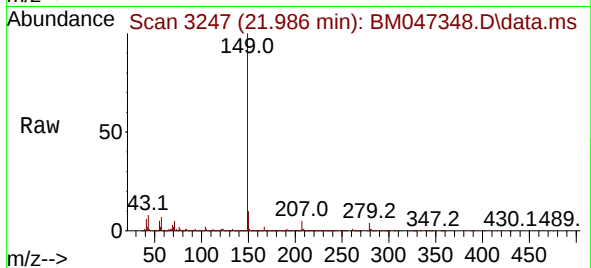
Tgt Ion:149 Resp: 3039177

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 7.6 6.1 9.1



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.715 min Scan# 3541

Delta R.T. 0.000 min

Lab File: BM047348.D

Acq: 26 Aug 2024 15:02

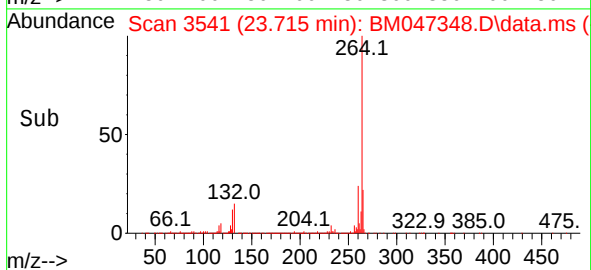
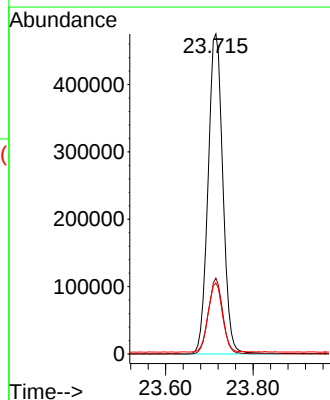
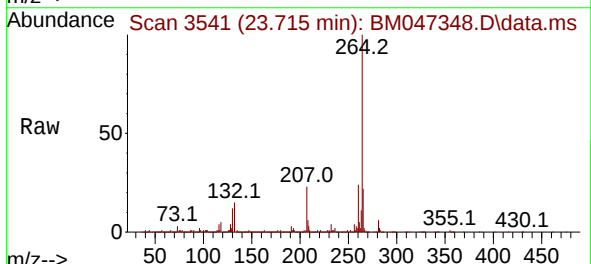
Tgt Ion:264 Resp: 1117977

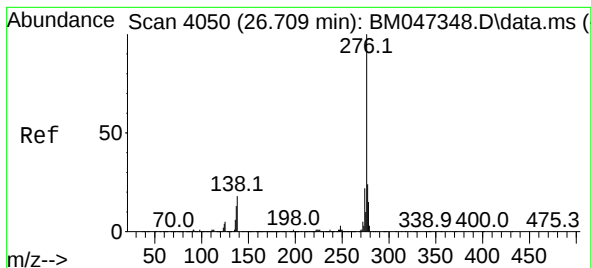
Ion Ratio Lower Upper

264 100

260 23.7 19.0 28.4

265 22.2 17.8 26.6





#87

Indeno(1,2,3-cd)pyrene

Concen: 41.988 ng

RT: 26.709 min Scan# 4050

Delta R.T. 0.000 min

Lab File: BM047348.D

Acq: 26 Aug 2024 15:02

Instrument :

BNA_M

ClientSampleId :

SSTDICCC040

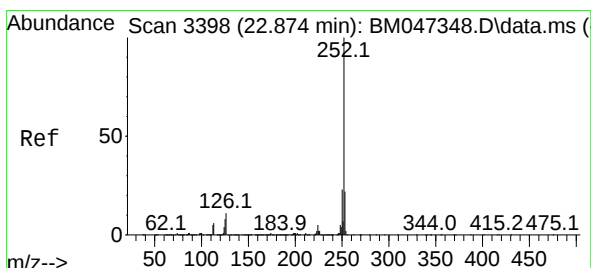
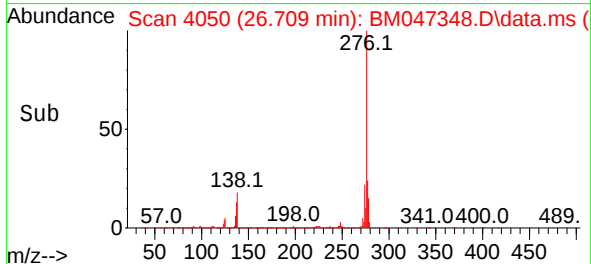
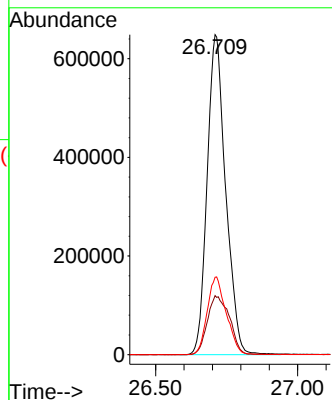
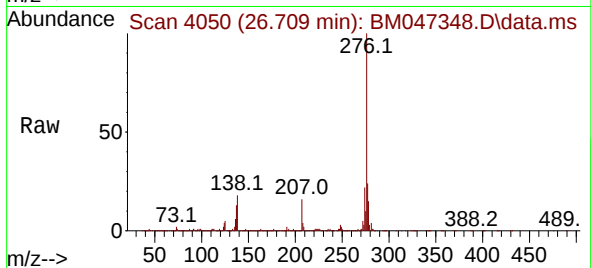
Tgt Ion:276 Resp: 2938511

Ion Ratio Lower Upper

276 100

138 22.1 17.7 26.5

277 25.0 20.0 30.0



#88

Benzo(b)fluoranthene

Concen: 41.683 ng

RT: 22.874 min Scan# 3398

Delta R.T. 0.000 min

Lab File: BM047348.D

Acq: 26 Aug 2024 15:02

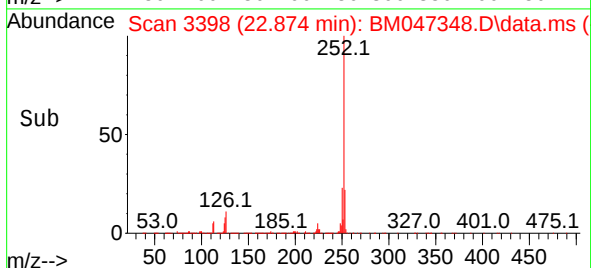
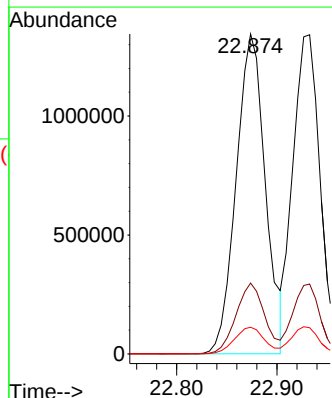
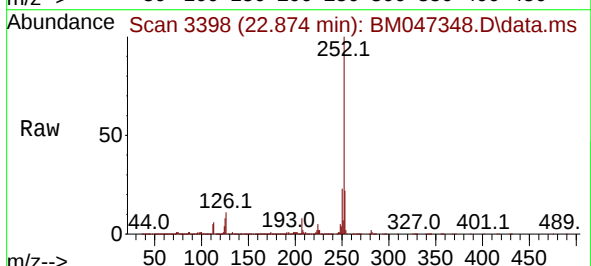
Tgt Ion:252 Resp: 2718789

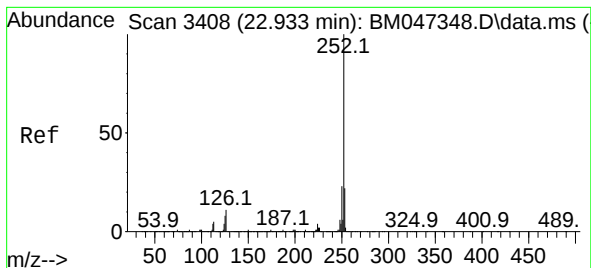
Ion Ratio Lower Upper

252 100

253 22.2 17.8 26.6

125 8.3 6.6 10.0





#89

Benzo(k)fluoranthene

Concen: 40.848 ng

RT: 22.933 min Scan# 3408

Delta R.T. 0.000 min

Lab File: BM047348.D

Acq: 26 Aug 2024 15:02

Instrument :

BNA_M

ClientSampleId :

SSTDICCC040

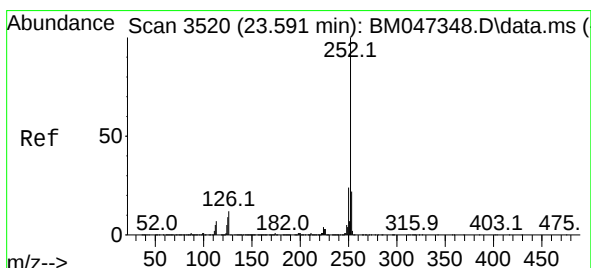
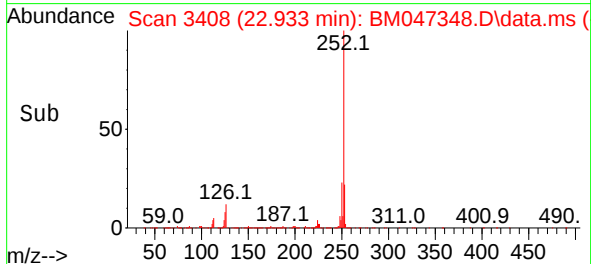
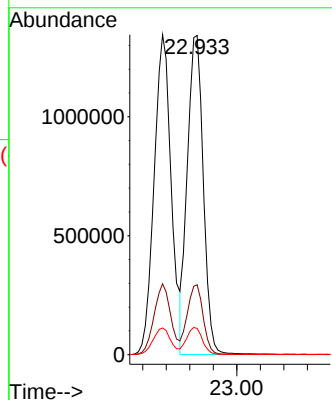
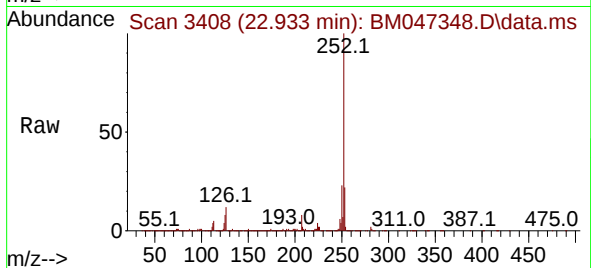
Tgt Ion:252 Resp: 2525713

Ion Ratio Lower Upper

252 100

253 21.9 17.5 26.3

125 8.2 6.6 9.8



#90

Benzo(a)pyrene

Concen: 41.724 ng

RT: 23.591 min Scan# 3520

Delta R.T. 0.000 min

Lab File: BM047348.D

Acq: 26 Aug 2024 15:02

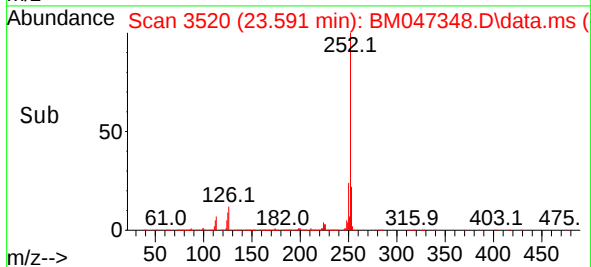
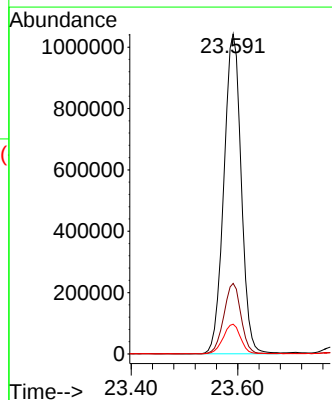
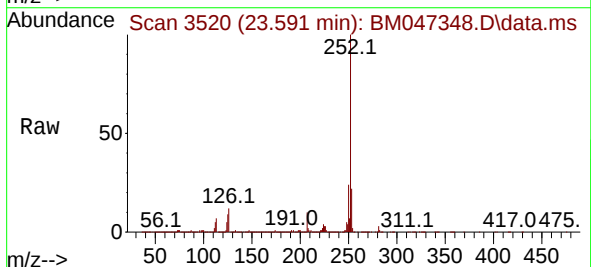
Tgt Ion:252 Resp: 2353484

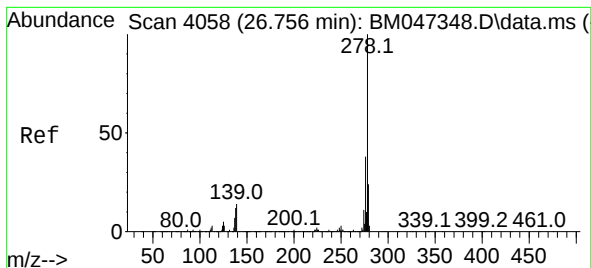
Ion Ratio Lower Upper

252 100

253 22.1 17.7 26.5

125 9.3 7.4 11.2





#91

Dibenzo(a,h)anthracene

Concen: 41.853 ng

RT: 26.756 min Scan# 4058

Delta R.T. 0.000 min

Lab File: BM047348.D

Acq: 26 Aug 2024 15:02

Instrument :

BNA_M

ClientSampleId :

SSTDICCC040

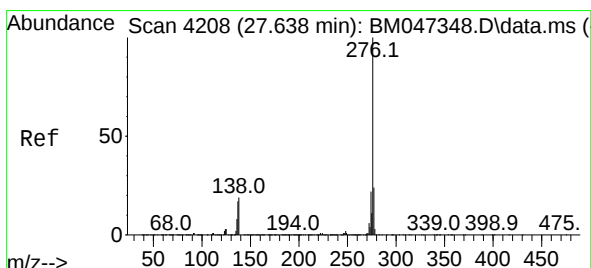
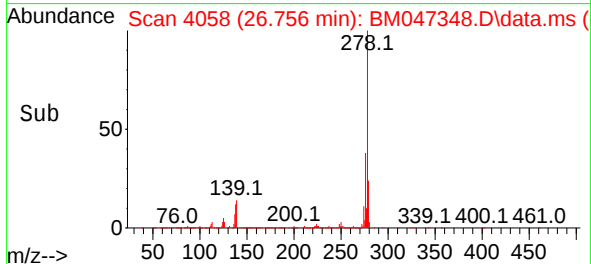
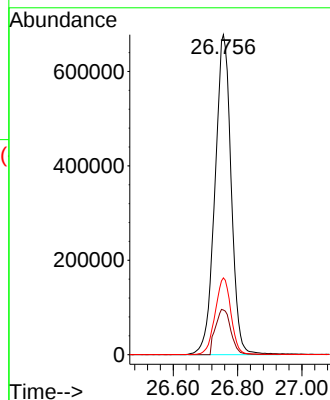
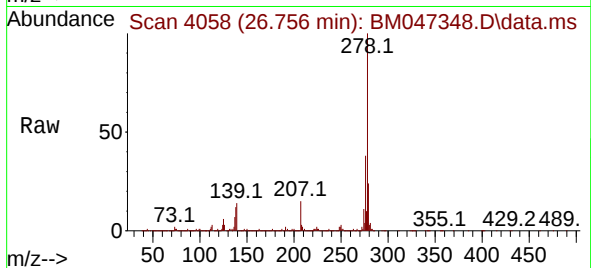
Tgt Ion:278 Resp: 2372896

Ion Ratio Lower Upper

278 100

139 13.9 11.1 16.7

279 24.0 19.2 28.8



#92

Benzo(g,h,i)perylene

Concen: 42.112 ng

RT: 27.638 min Scan# 4208

Delta R.T. 0.000 min

Lab File: BM047348.D

Acq: 26 Aug 2024 15:02

Tgt Ion:276 Resp: 2482161

Ion Ratio Lower Upper

276 100

277 24.2 19.4 29.0

138 18.8 15.0 22.6

