

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM082324\
 Data File : BM047330.D
 Acq On : 23 Aug 2024 12:49
 Operator : RC/JU
 Sample : PB162905BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB162905BS

Quant Time: Aug 23 13:25:48 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM081024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun Aug 11 23:47:58 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.351	152	354570	20.000	ng	-0.02
21) Naphthalene-d8	10.104	136	1330022	20.000	ng	-0.03
39) Acenaphthene-d10	14.016	164	887399	20.000	ng	-0.02
64) Phenanthrene-d10	16.780	188	1865779	20.000	ng	-0.01
76) Chrysene-d12	21.021	240	1576984	20.000	ng	-0.01
86) Perylene-d12	23.709	264	1490911	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.010	112	2332325	117.537	ng	-0.01
7) Phenol-d6	6.575	99	2996931	109.607	ng	-0.01
23) Nitrobenzene-d5	8.504	82	1943798	73.590	ng	-0.02
42) 2,4,6-Tribromophenol	15.527	330	1304478	126.777	ng	-0.01
45) 2-Fluorobiphenyl	12.622	172	4520431	78.577	ng	-0.02
79) Terphenyl-d14	19.445	244	7381420	100.297	ng	-0.02
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.022	88	232669	28.299	ng	96
3) Pyridine	3.393	79	615935	25.547	ng	98
4) n-Nitrosodimethylamine	3.316	42	382429	36.306	ng	96
6) Aniline	6.704	93	618151	23.919	ng	97
8) 2-Chlorophenol	6.934	128	962569	44.475	ng	96
9) Benzaldehyde	6.516	77	267127	14.561	ng	99
10) Phenol	6.598	94	1117675	40.966	ng	98
11) bis(2-Chloroethyl)ether	6.804	93	909899	38.944	ng	98
12) 1,3-Dichlorobenzene	7.240	146	1049453	40.806	ng	98
13) 1,4-Dichlorobenzene	7.387	146	1059259	40.679	ng	98
14) 1,2-Dichlorobenzene	7.692	146	1027147	41.807	ng	99
15) Benzyl Alcohol	7.610	79	845653	43.457	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.875	45	1111544	37.075	ng	99
17) 2-Methylphenol	7.822	107	764693	42.012	ng	98
18) Hexachloroethane	8.398	117	401798	39.835	ng	94
19) n-Nitroso-di-n-propyla...	8.169	70	675837	36.695	ng	97
20) 3+4-Methylphenols	8.145	107	1037295	40.764	ng	99
22) Acetophenone	8.175	105	1210571	37.707	ng	98
24) Nitrobenzene	8.545	77	1018599	38.297	ng	95
25) Isophorone	9.069	82	1924602	41.848	ng	98
26) 2-Nitrophenol	9.245	139	552105	46.872	ng	94
27) 2,4-Dimethylphenol	9.328	122	676788	49.051	ng	99
28) bis(2-Chloroethoxy)met...	9.551	93	1192705	41.215	ng	100
29) 2,4-Dichlorophenol	9.781	162	1003969	49.039	ng	97
30) 1,2,4-Trichlorobenzene	9.975	180	1026300	44.297	ng	99
31) Naphthalene	10.157	128	2724231	41.116	ng	100
32) Benzoic acid	9.539	122	685722	42.776	ng	97
33) 4-Chloroaniline	10.286	127	675439	26.509	ng	99
34) Hexachlorobutadiene	10.439	225	631388	46.560	ng	99
35) Caprolactam	11.110	113	182154	25.620	ng	93
36) 4-Chloro-3-methylphenol	11.445	107	961129	44.082	ng	99
37) 2-Methylnaphthalene	11.786	142	1984115	42.059	ng	99
38) 1-Methylnaphthalene	12.010	142	1851513	39.712	ng	98
40) 1,2,4,5-Tetrachloroben...	12.169	216	1043244	43.102	ng	99
41) Hexachlorocyclopentadiene	12.139	237	930691	110.117	ng	97
43) 2,4,6-Trichlorophenol	12.427	196	826341	48.033	ng	99

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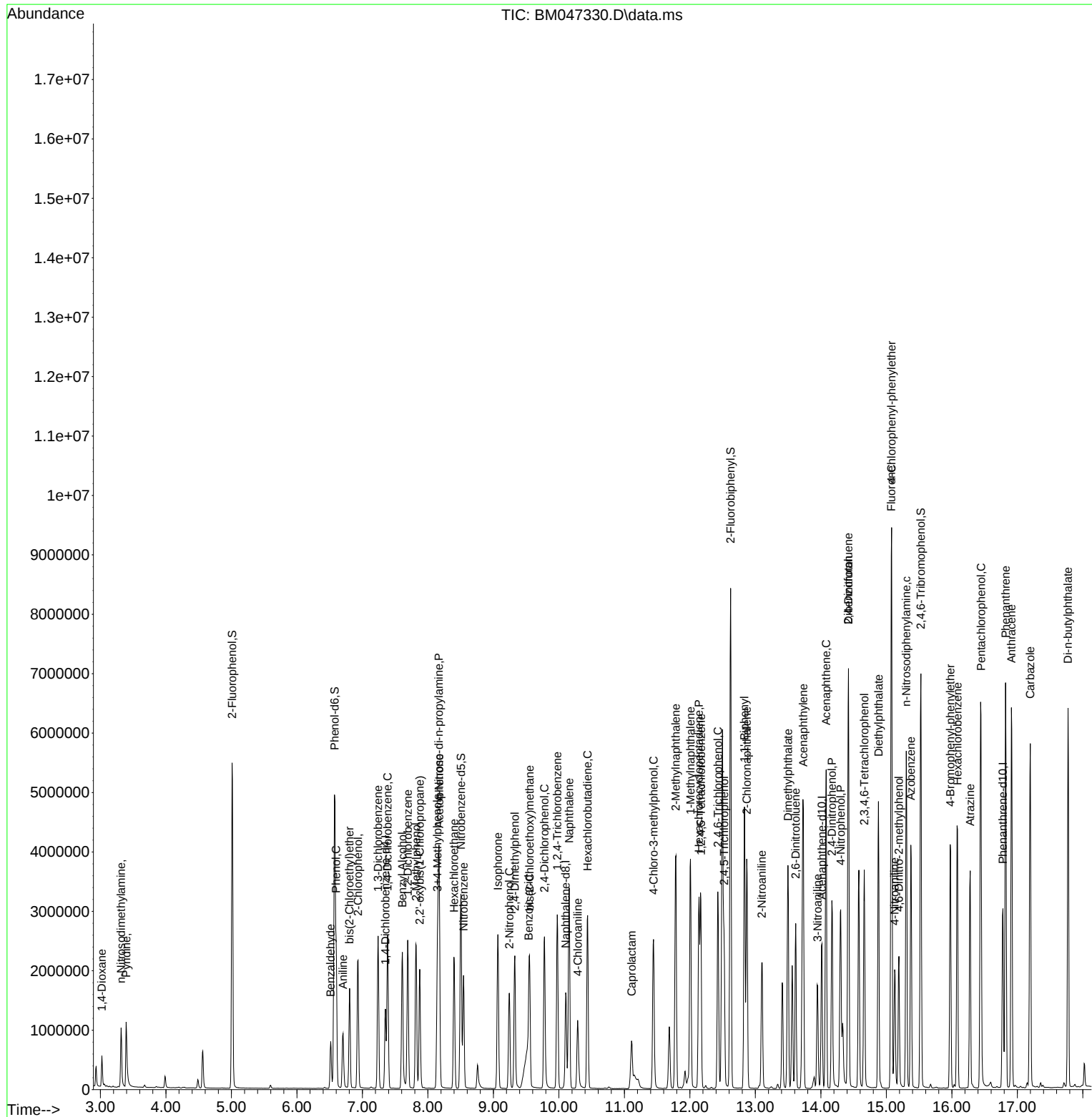
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.522	196	835325	43.732	ng	97
46) 1,1'-Biphenyl	12.833	154	2414953	38.226	ng	99
47) 2-Chloronaphthalene	12.869	162	1996007	40.423	ng	99
48) 2-Nitroaniline	13.098	65	636551	41.149	ng	97
49) Acenaphthylene	13.733	152	3249325	44.643	ng	100
50) Dimethylphthalate	13.498	163	2697386	43.523	ng	99
51) 2,6-Dinitrotoluene	13.616	165	610278	42.123	ng	90
52) Acenaphthene	14.080	154	1880229	40.724	ng	99
53) 3-Nitroaniline	13.951	138	487728	33.596	ng	96
54) 2,4-Dinitrophenol	14.168	184	812942	93.622	ng	90
55) Dibenzofuran	14.421	168	3092030	42.399	ng	98
56) 4-Nitrophenol	14.304	139	983359	78.553	ng	97
57) 2,4-Dinitrotoluene	14.421	165	815840	42.189	ng	96
58) Fluorene	15.074	166	2494564	41.457	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.663	232	767205	48.871	ng	92
60) Diethylphthalate	14.880	149	2654429	41.941	ng	97
61) 4-Chlorophenyl-phenyle...	15.080	204	1271078	44.370	ng	93
62) 4-Nitroaniline	15.127	138	548449	38.347	ng	95
63) Azobenzene	15.374	77	2359574	39.320	ng	96
65) 4,6-Dinitro-2-methylph...	15.192	198	539231	49.363	ng	89
66) n-Nitrosodiphenylamine	15.304	169	2232809	43.936	ng	99
67) 4-Bromophenyl-phenylether	15.980	248	838932	46.662	ng	95
68) Hexachlorobenzene	16.086	284	952242	44.223	ng	95
69) Atrazine	16.280	200	706379	46.192	ng	97
70) Pentachlorophenol	16.445	266	1264004	83.742	ng	98
71) Phenanthrene	16.821	178	4022533	42.959	ng	100
72) Anthracene	16.909	178	4029394	44.226	ng	100
73) Carbazole	17.198	167	3882802	41.739	ng	99
74) Di-n-butylphthalate	17.774	149	4781827	44.177	ng	100
75) Fluoranthene	18.856	202	4869674	42.757	ng	99
77) Benzidine	19.062	184	584389	21.852	ng	99
78) Pyrene	19.221	202	5036853	44.732	ng	99
80) Butylbenzylphthalate	20.162	149	2202946	47.940	ng	93
81) Benzo(a)anthracene	21.003	228	4645055	44.370	ng	99
82) 3,3'-Dichlorobenzidine	20.945	252	1363800	41.636	ng	99
83) Chrysene	21.062	228	4317188	43.465	ng	99
84) Bis(2-ethylhexyl)phtha...	20.962	149	3056505	46.902	ng	# 98
85) Di-n-octyl phthalate	21.986	149	5379315	48.564	ng	97
87) Indeno(1,2,3-cd)pyrene	26.709	276	4237012	43.966	ng	98
88) Benzo(b)fluoranthene	22.874	252	4475863	50.552	ng	99
89) Benzo(k)fluoranthene	22.933	252	4196373	50.178	ng	98
90) Benzo(a)pyrene	23.591	252	3907679	50.948	ng	99
91) Dibenzo(a,h)anthracene	26.756	278	3419577	43.847	ng	98
92) Benzo(g,h,i)perylene	27.638	276	3284266	40.560	ng	99

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

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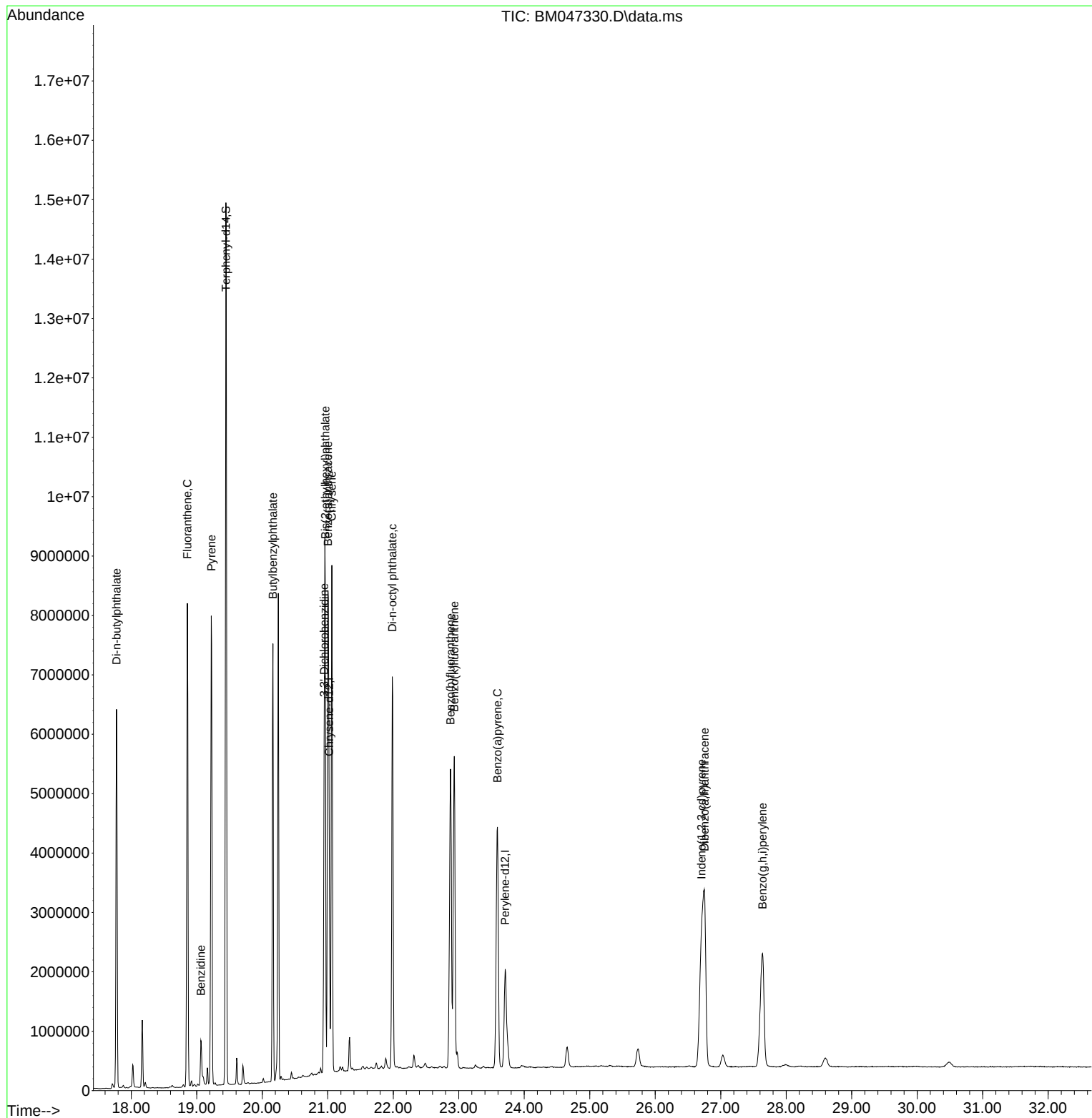
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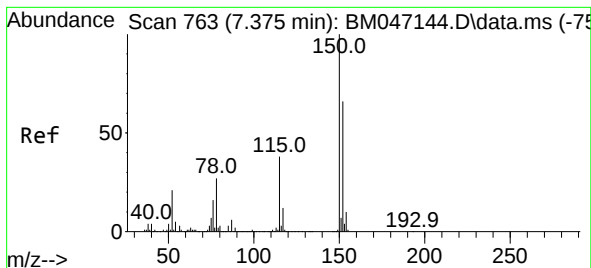


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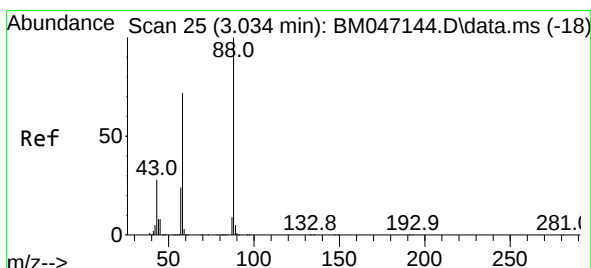
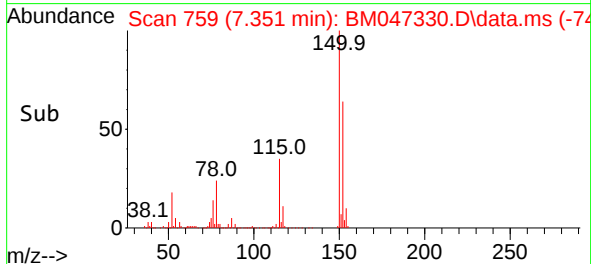
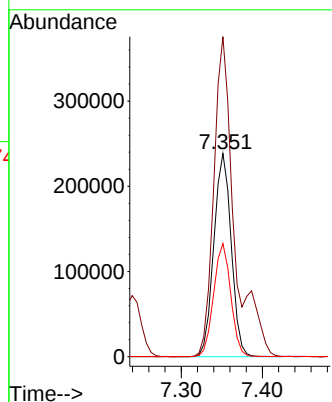
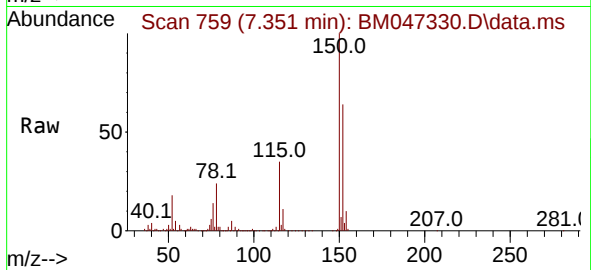




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.351 min Scan# 71
 Delta R.T. -0.024 min
 Lab File: BM047330.D
 Acq: 23 Aug 2024 12:49

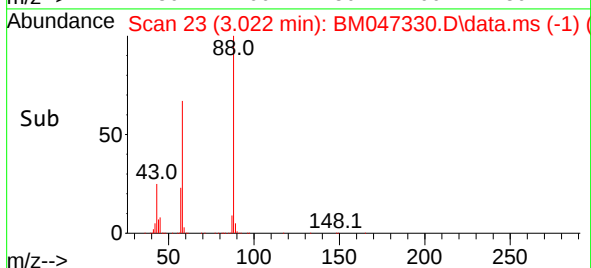
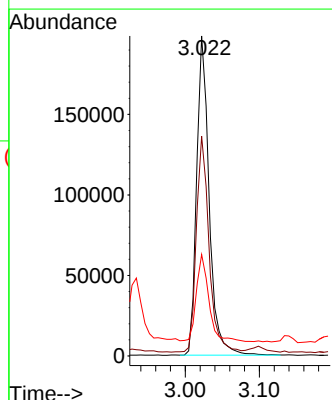
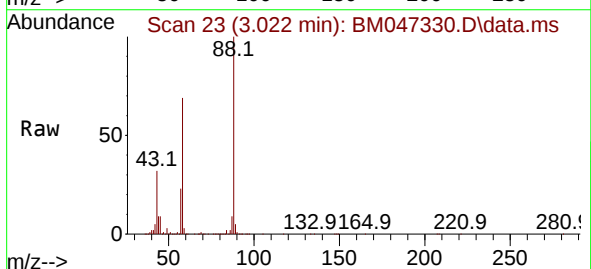
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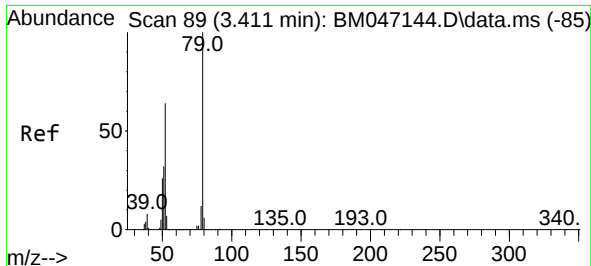
Tgt Ion:152 Resp: 354570
 Ion Ratio Lower Upper
 152 100
 150 157.5 120.5 180.7
 115 55.7 45.5 68.3



#2
 1,4-Dioxane
 Concen: 28.299 ng
 RT: 3.022 min Scan# 23
 Delta R.T. -0.012 min
 Lab File: BM047330.D
 Acq: 23 Aug 2024 12:49

Tgt Ion: 88 Resp: 232669
 Ion Ratio Lower Upper
 88 100
 58 68.3 58.2 87.4
 43 27.9 22.5 33.7

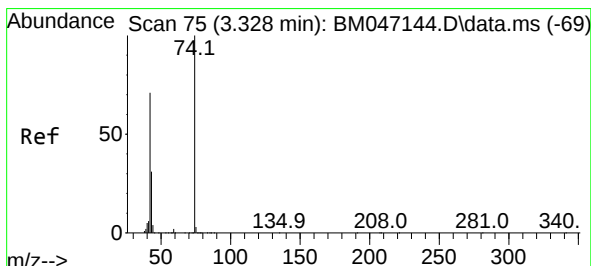
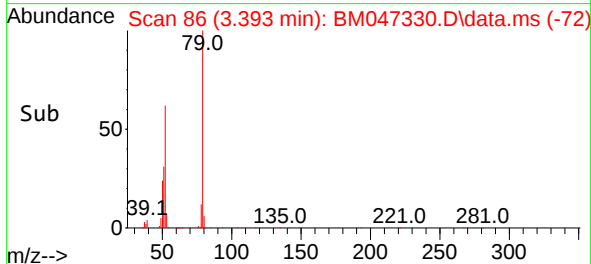
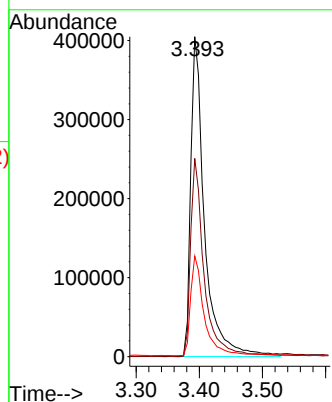
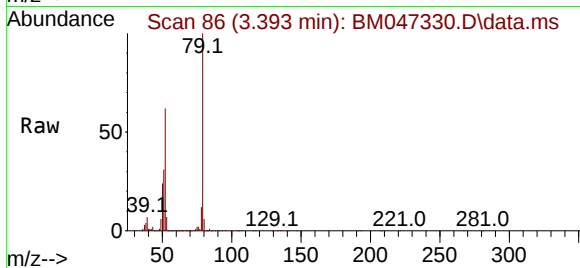




#3
Pyridine
Concen: 25.547 ng
RT: 3.393 min Scan# 80
Delta R.T. -0.018 min
Lab File: BM047330.D
Acq: 23 Aug 2024 12:49

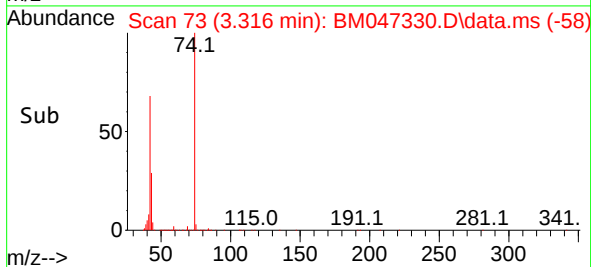
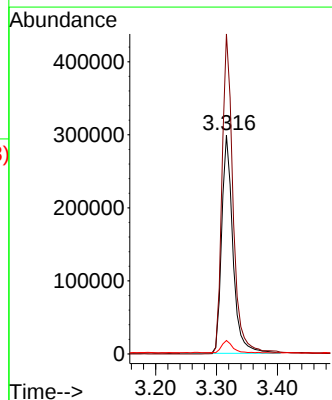
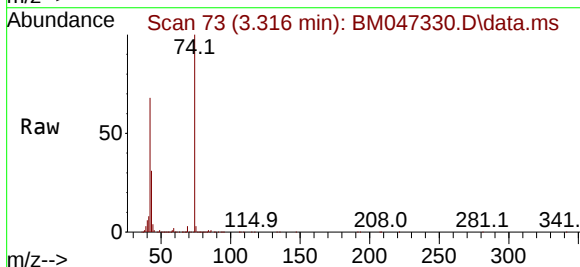
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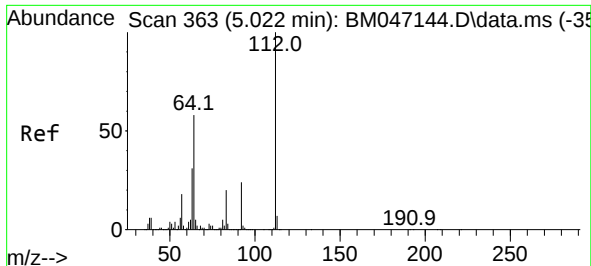
Tgt Ion: 79 Resp: 615935
Ion Ratio Lower Upper
79 100
52 61.9 51.2 76.8
51 31.4 26.1 39.1



#4
n-Nitrosodimethylamine
Concen: 36.306 ng
RT: 3.316 min Scan# 73
Delta R.T. -0.012 min
Lab File: BM047330.D
Acq: 23 Aug 2024 12:49

Tgt Ion: 42 Resp: 382429
Ion Ratio Lower Upper
42 100
74 146.2 112.9 169.3
44 6.2 5.3 7.9

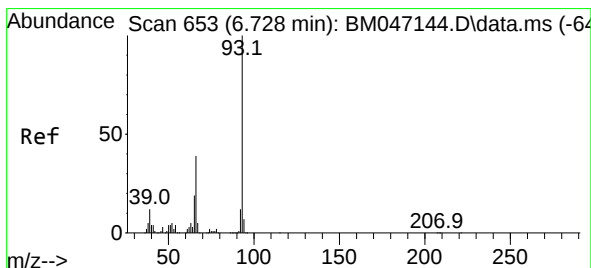
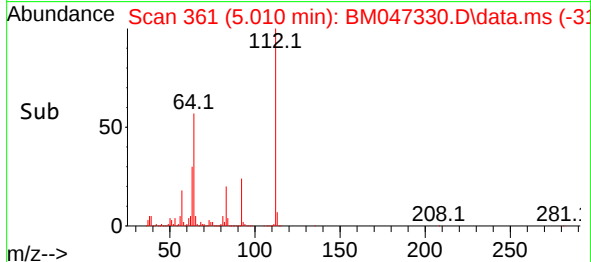
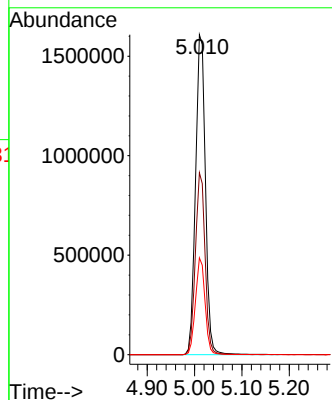
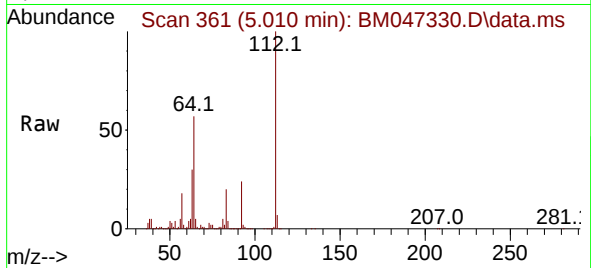




#5
2-Fluorophenol
Concen: 117.537 ng
RT: 5.010 min Scan# 30
Delta R.T. -0.012 min
Lab File: BM047330.D
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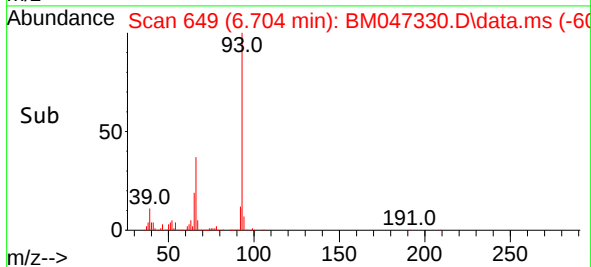
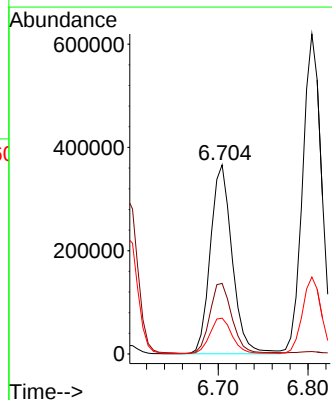
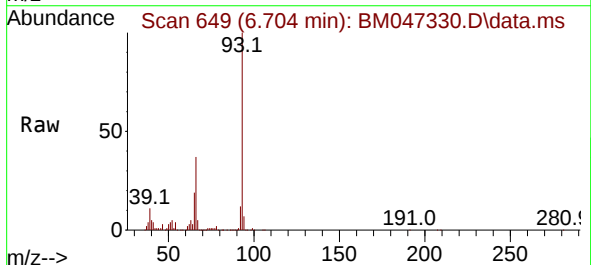
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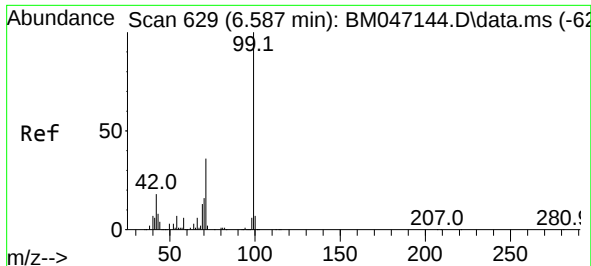
Tgt Ion:112 Resp: 2332325
Ion Ratio Lower Upper
112 100
64 56.9 46.7 70.1
63 30.3 24.8 37.2



#6
Aniline
Concen: 23.919 ng
RT: 6.704 min Scan# 649
Delta R.T. -0.024 min
Lab File: BM047330.D
Acq: 23 Aug 2024 12:49

Tgt Ion: 93 Resp: 618151
Ion Ratio Lower Upper
93 100
66 37.3 31.4 47.2
65 19.0 15.6 23.4



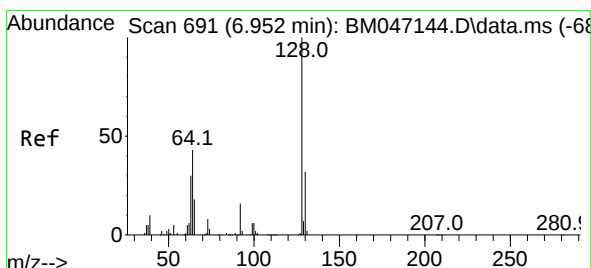
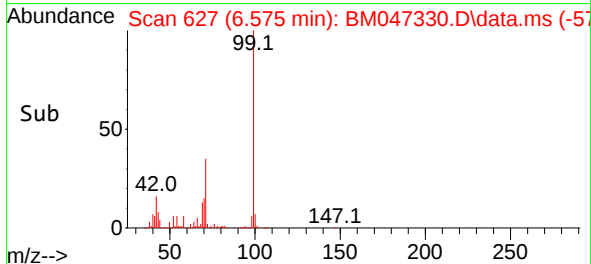
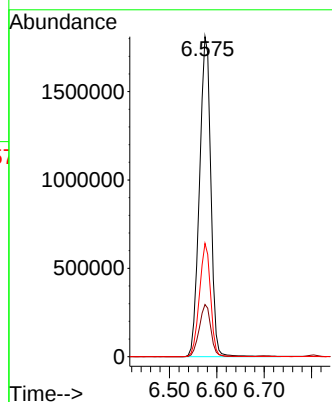
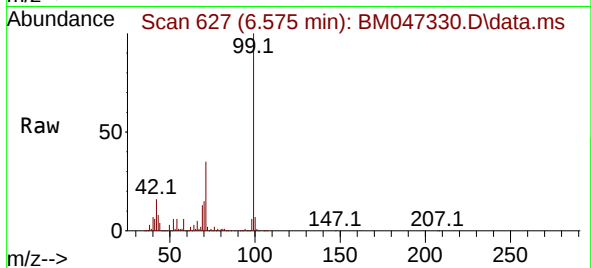


#7
Phenol-d6
Concen: 109.607 ng
RT: 6.575 min Scan# 61
Delta R.T. -0.012 min
Lab File: BM047330.D
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Instrument :
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Tgt Ion: 99 Resp: 2996931

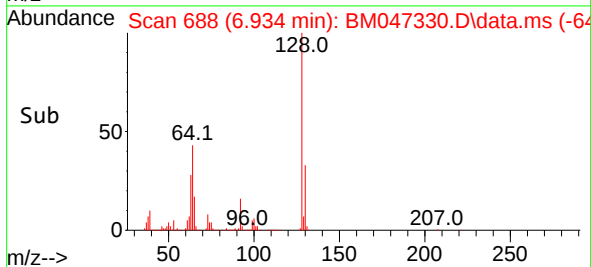
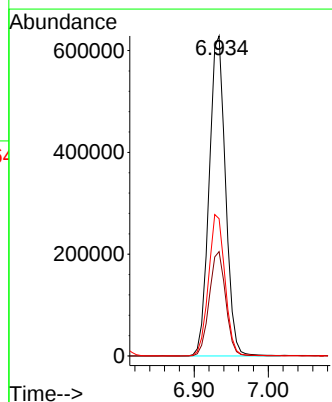
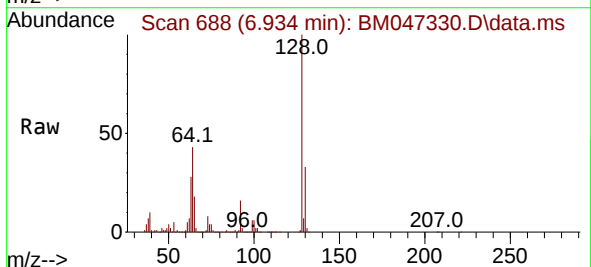
Ion	Ratio	Lower	Upper
99	100		
42	16.3	14.1	21.1
71	35.4	28.5	42.7



#8
2-Chlorophenol
Concen: 44.475 ng
RT: 6.934 min Scan# 688
Delta R.T. -0.018 min
Lab File: BM047330.D
Acq: 23 Aug 2024 12:49

Tgt Ion: 128 Resp: 962569

Ion	Ratio	Lower	Upper
128	100		
130	32.6	12.1	52.1
64	42.9	26.6	66.6

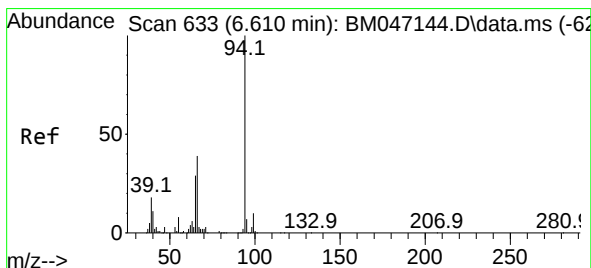
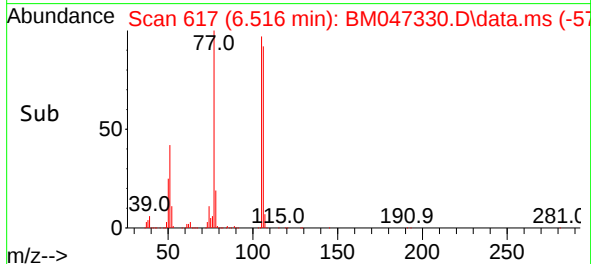
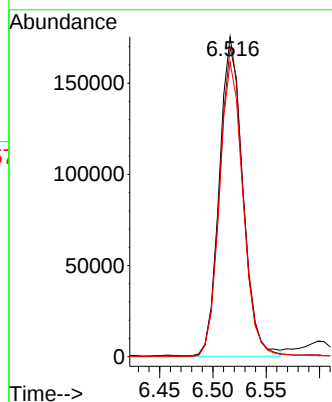
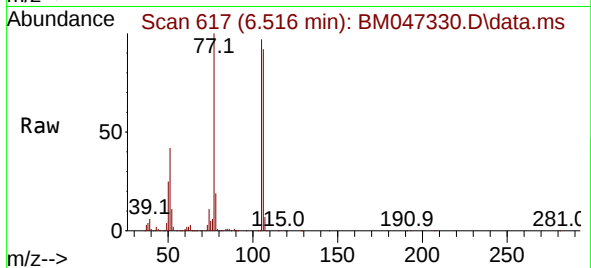




#9
Benzaldehyde
Concen: 14.561 ng
RT: 6.516 min Scan# 617
Delta R.T. -0.024 min
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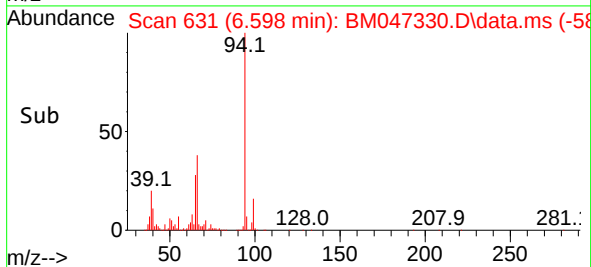
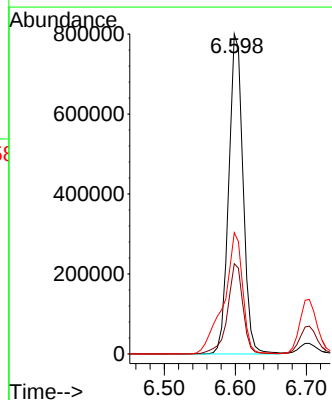
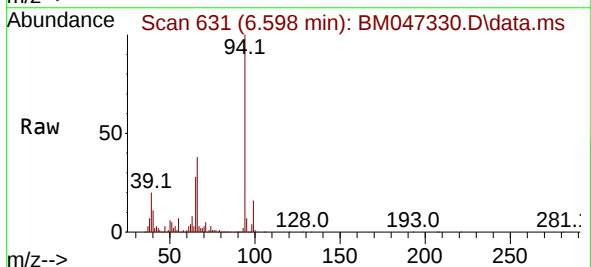
Instrument :
BNA_M
ClientSampleId :
PB162905BS

Tgt Ion: 77 Resp: 267127
Ion Ratio Lower Upper
77 100
105 96.6 74.5 114.5
106 92.1 72.3 112.3



#10
Phenol
Concen: 40.966 ng
RT: 6.598 min Scan# 631
Delta R.T. -0.012 min
Lab File: BM047330.D
Acq: 23 Aug 2024 12:49

Tgt Ion: 94 Resp: 1117675
Ion Ratio Lower Upper
94 100
65 28.2 9.0 49.0
66 37.9 18.9 58.9

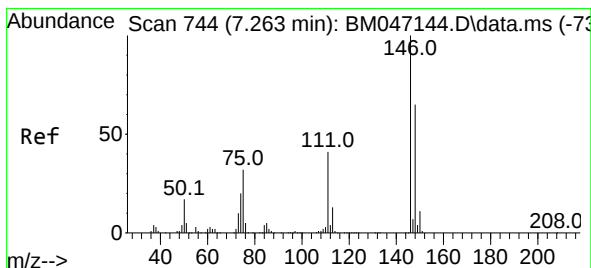
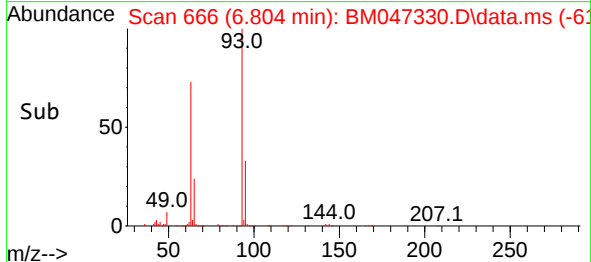
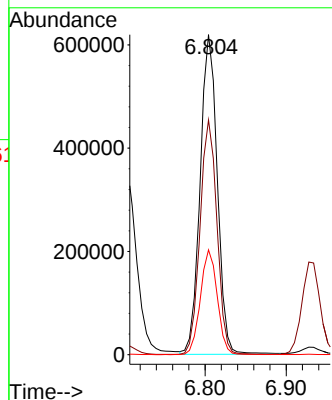
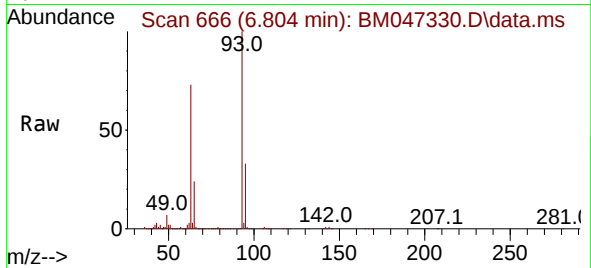




#11
bis(2-Chloroethyl)ether
Concen: 38.944 ng
RT: 6.804 min Scan# 611
Delta R.T. -0.024 min
Lab File: BM047330.D
Acq: 23 Aug 2024 12:49

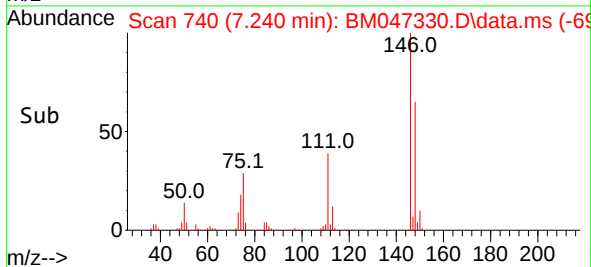
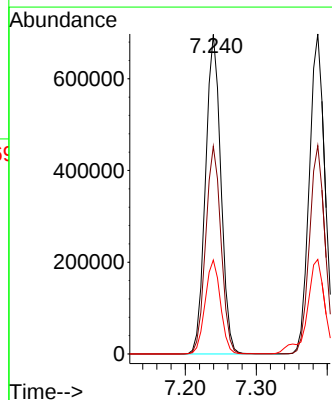
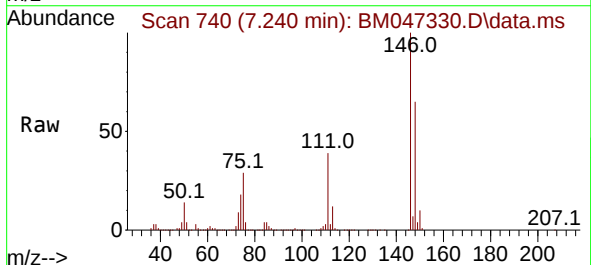
Instrument :
BNA_M
ClientSampleId :
PB162905BS

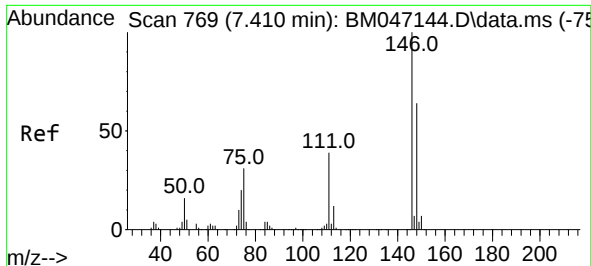
Tgt Ion: 93 Resp: 909899
Ion Ratio Lower Upper
93 100
63 73.4 55.8 95.8
95 32.8 12.7 52.7



#12
1,3-Dichlorobenzene
Concen: 40.806 ng
RT: 7.240 min Scan# 740
Delta R.T. -0.024 min
Lab File: BM047330.D
Acq: 23 Aug 2024 12:49

Tgt Ion: 146 Resp: 1049453
Ion Ratio Lower Upper
146 100
148 65.0 52.3 78.5
75 29.4 25.8 38.6

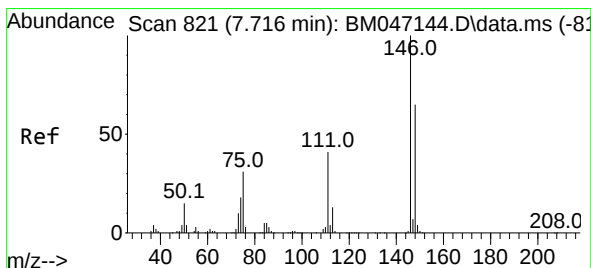
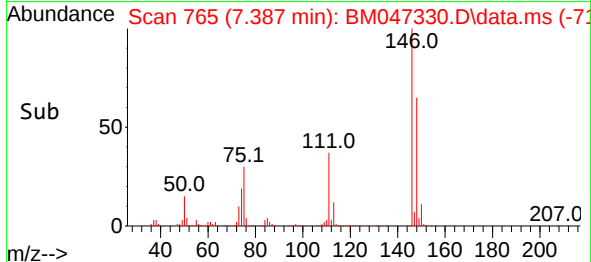
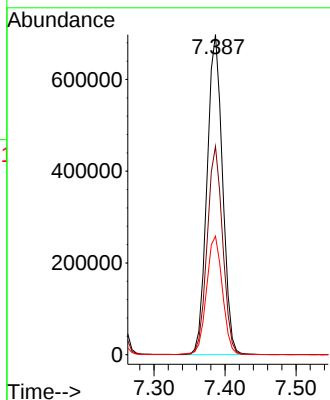
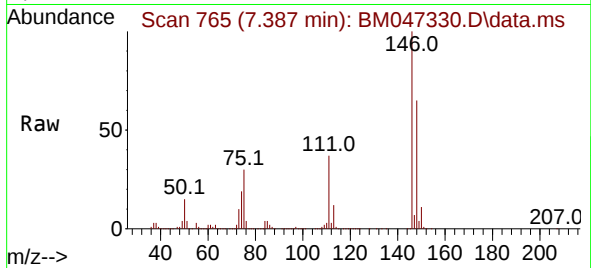




#13
1,4-Dichlorobenzene
Concen: 40.679 ng
RT: 7.387 min Scan# 701
Delta R.T. -0.024 min
Lab File: BM047330.D
Acq: 23 Aug 2024 12:49

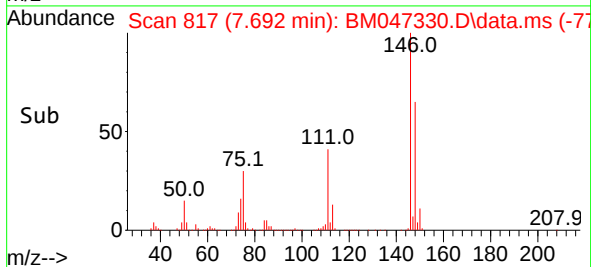
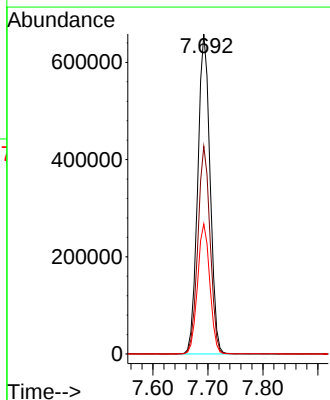
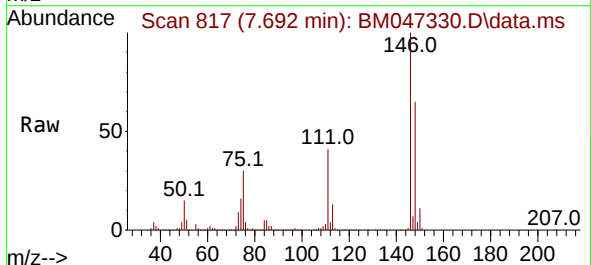
Instrument :
BNA_M
ClientSampleId :
PB162905BS

Tgt Ion:146 Resp: 1059259
Ion Ratio Lower Upper
146 100
148 65.1 51.4 77.2
111 37.1 31.5 47.3



#14
1,2-Dichlorobenzene
Concen: 41.807 ng
RT: 7.692 min Scan# 817
Delta R.T. -0.024 min
Lab File: BM047330.D
Acq: 23 Aug 2024 12:49

Tgt Ion:146 Resp: 1027147
Ion Ratio Lower Upper
146 100
148 64.9 51.8 77.8
111 40.6 33.3 49.9

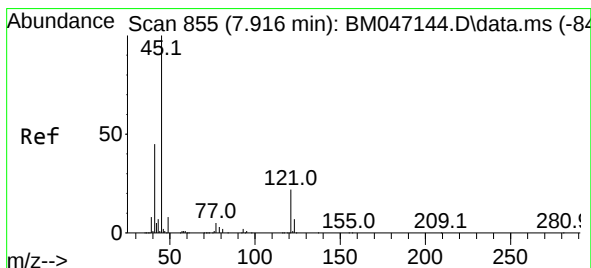
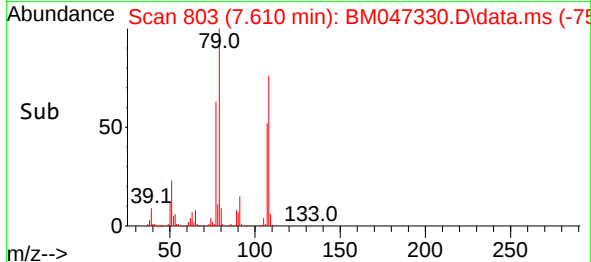
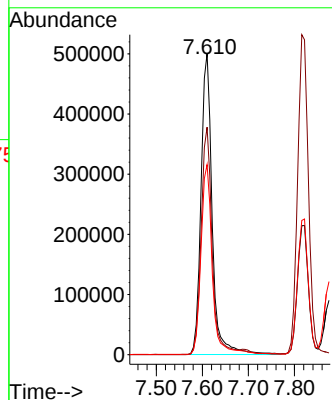
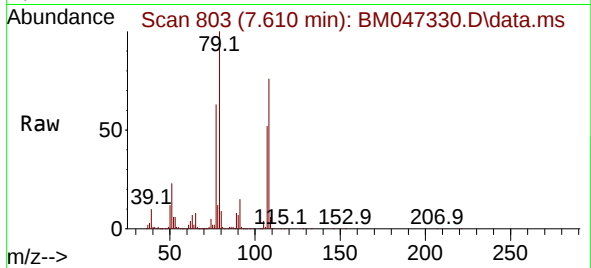




#15
Benzyl Alcohol
Concen: 43.457 ng
RT: 7.610 min Scan# 806
Delta R.T. -0.018 min
Lab File: BM047330.D
Acq: 23 Aug 2024 12:49

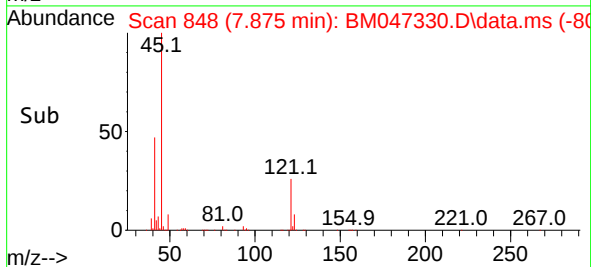
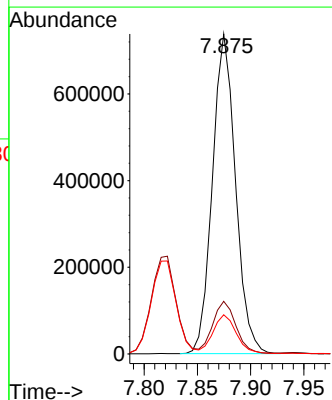
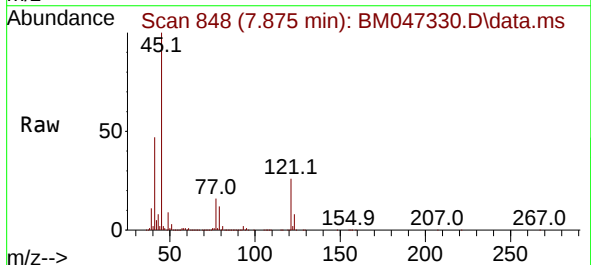
Instrument :
BNA_M
ClientSampleId :
PB162905BS

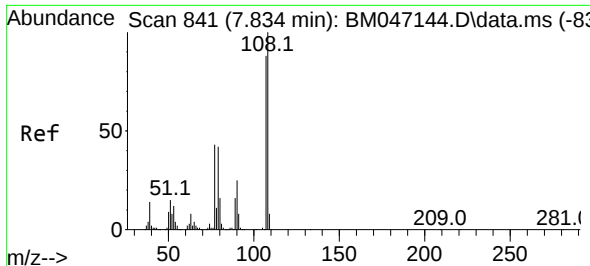
Tgt Ion: 79 Resp: 845653
Ion Ratio Lower Upper
79 100
108 75.5 59.7 89.5
77 63.1 52.9 79.3



#16
2,2'-oxybis(1-Chloropropane)
Concen: 37.075 ng
RT: 7.875 min Scan# 848
Delta R.T. -0.041 min
Lab File: BM047330.D
Acq: 23 Aug 2024 12:49

Tgt Ion: 45 Resp: 1111544
Ion Ratio Lower Upper
45 100
77 16.4 0.0 35.6
79 12.2 0.0 32.4

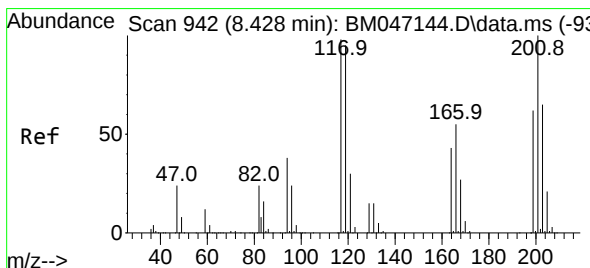
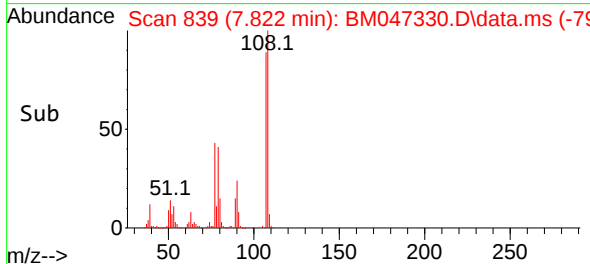
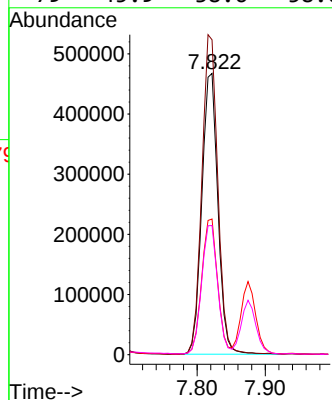
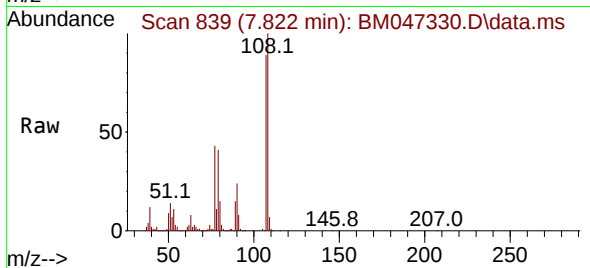




#17
2-Methylphenol
Concen: 42.012 ng
RT: 7.822 min Scan# 841
Delta R.T. -0.012 min
Lab File: BM047330.D
Acq: 23 Aug 2024 12:49

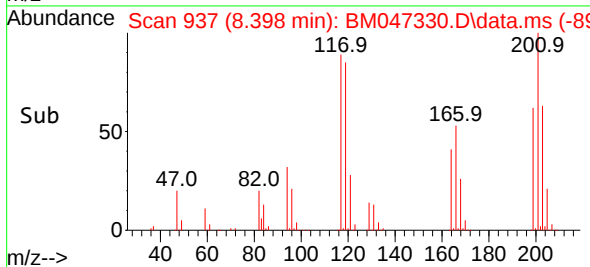
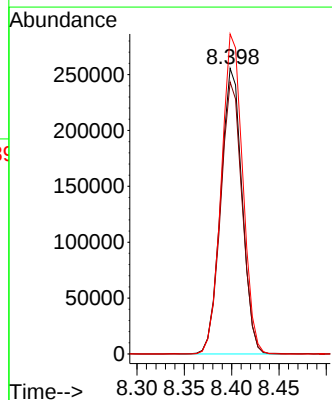
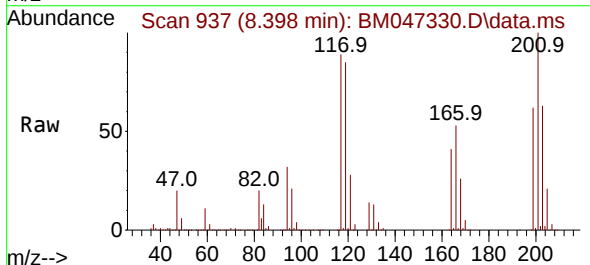
Instrument :
BNA_M
ClientSampleId :
PB162905BS

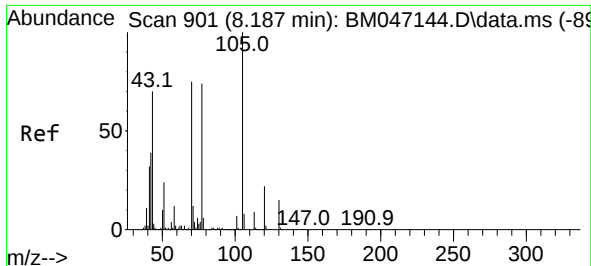
Tgt Ion:	107	Resp:	764693
Ion	Ratio	Lower	Upper
107	100		
108	112.0	90.6	135.8
77	48.2	39.3	58.9
79	45.9	38.6	58.0



#18
Hexachloroethane
Concen: 39.835 ng
RT: 8.398 min Scan# 937
Delta R.T. -0.030 min
Lab File: BM047330.D
Acq: 23 Aug 2024 12:49

Tgt Ion:	117	Resp:	401798
Ion	Ratio	Lower	Upper
117	100		
119	95.2	77.0	115.4
201	112.0	81.3	121.9



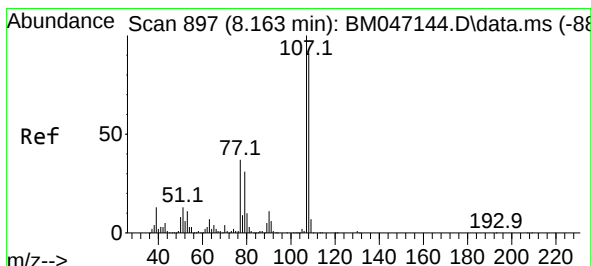
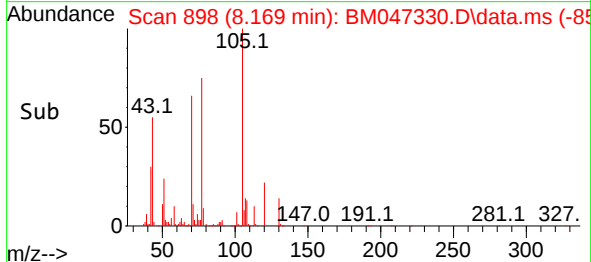
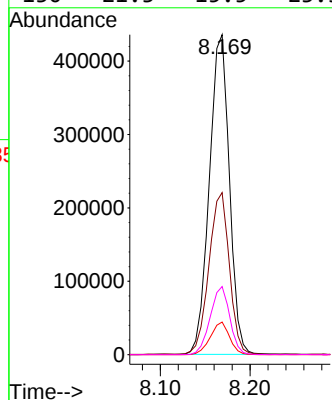
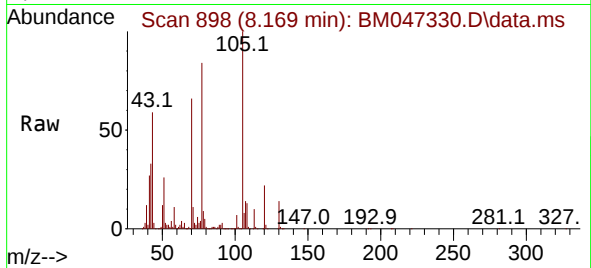


#19
n-Nitroso-di-n-propylamine
Concen: 36.695 ng
RT: 8.169 min Scan# 898
Delta R.T. -0.018 min
Lab File: BM047330.D
Acq: 23 Aug 2024 12:49

Instrument :
BNA_M
ClientSampleId :
PB162905BS

Tgt Ion: 70 Resp: 675837

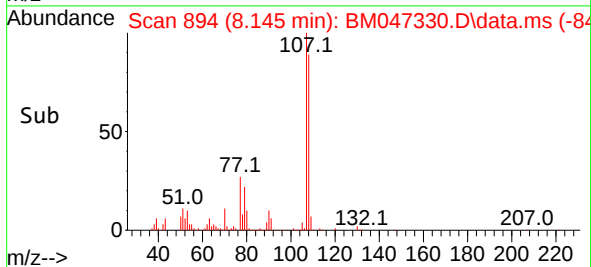
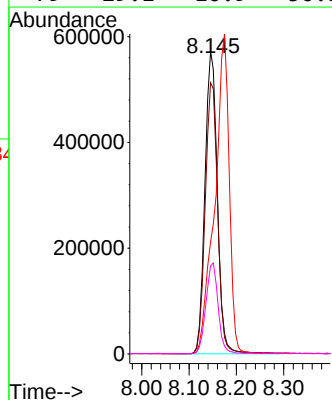
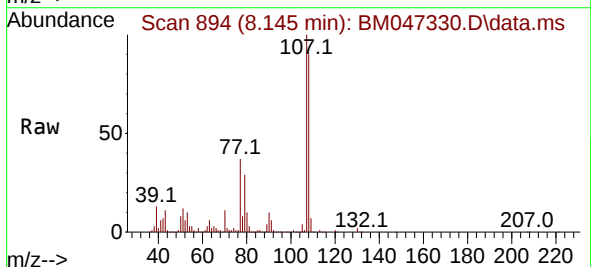
Ion	Ratio	Lower	Upper
70	100		
42	50.7	42.0	63.0
101	10.2	7.2	10.8
130	21.3	15.5	23.3



#20
3+4-Methylphenols
Concen: 40.764 ng
RT: 8.145 min Scan# 894
Delta R.T. -0.018 min
Lab File: BM047330.D
Acq: 23 Aug 2024 12:49

Tgt Ion: 107 Resp: 1037295

Ion	Ratio	Lower	Upper
107	100		
108	89.6	70.7	110.7
77	37.1	17.4	57.4
79	29.1	10.9	50.9

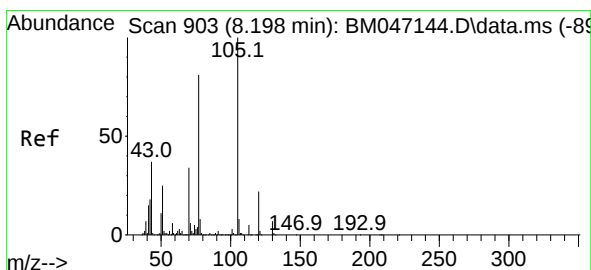
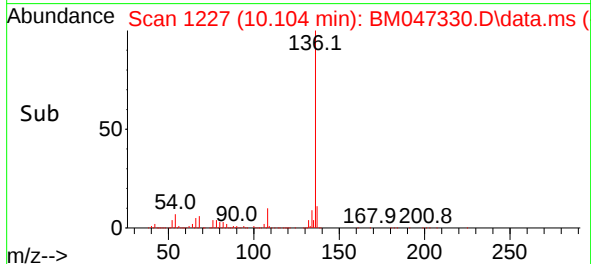
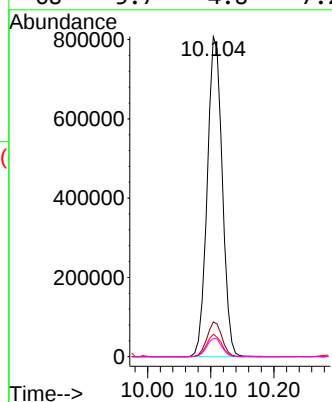
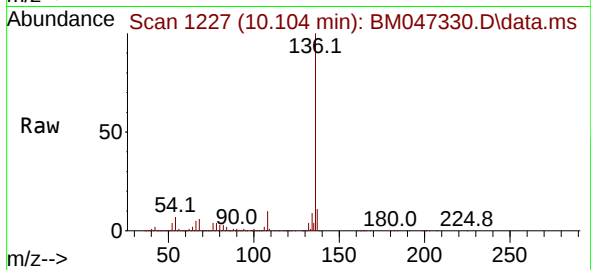




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.104 min Scan# 1
Delta R.T. -0.030 min
Lab File: BM047330.D
Acq: 23 Aug 2024 12:49

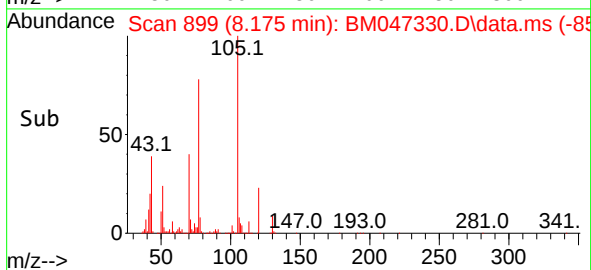
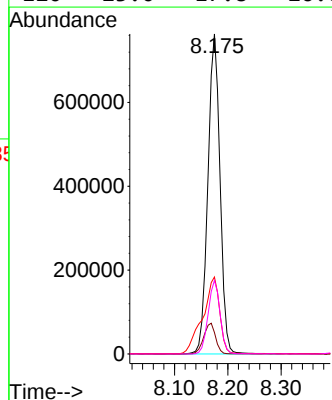
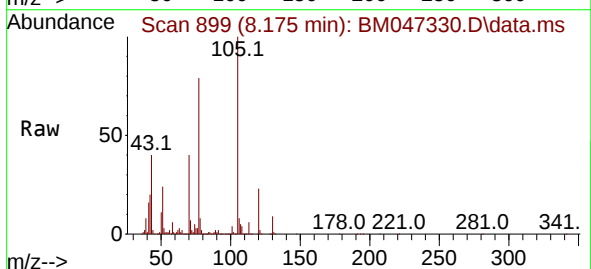
Instrument :
BNA_M
ClientSampleId :
PB162905BS

Tgt Ion:136 Resp: 1330022
Ion Ratio Lower Upper
136 100
137 10.9 8.8 13.2
54 7.0 6.0 9.0
68 5.7 4.8 7.2



#22
Acetophenone
Concen: 37.707 ng
RT: 8.175 min Scan# 899
Delta R.T. -0.024 min
Lab File: BM047330.D
Acq: 23 Aug 2024 12:49

Tgt Ion:105 Resp: 1210571
Ion Ratio Lower Upper
105 100
71 6.7 4.5 6.7
51 24.0 20.1 30.1
120 23.0 17.8 26.6

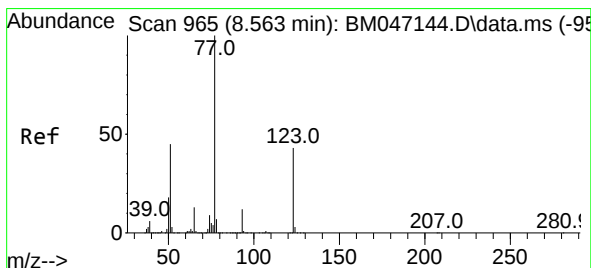
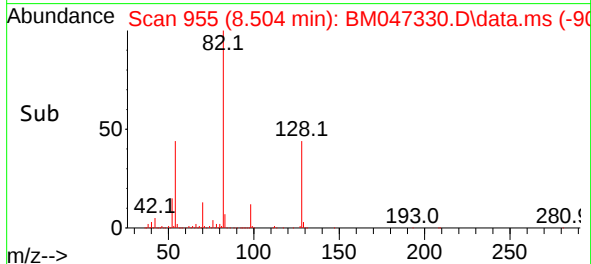
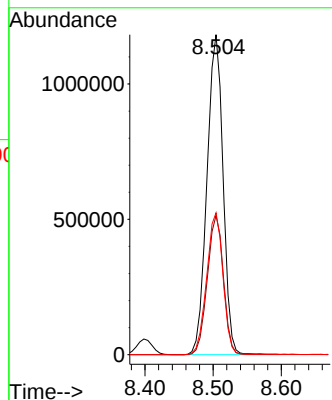
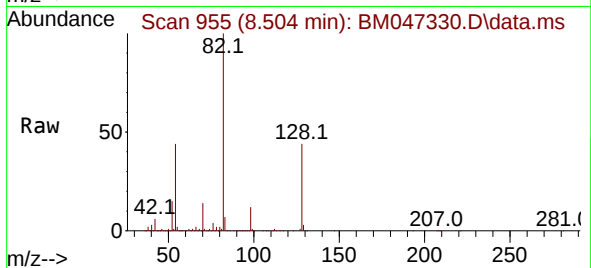




#23
Nitrobenzene-d5
Concen: 73.590 ng
RT: 8.504 min Scan# 91
Delta R.T. -0.018 min
Lab File: BM047330.D
Acq: 23 Aug 2024 12:49

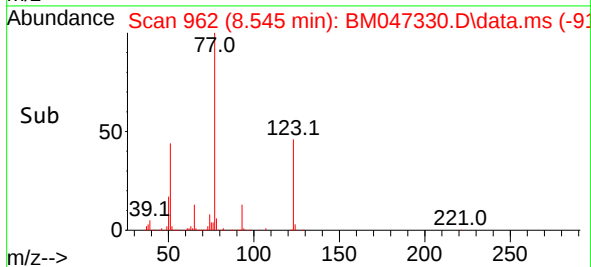
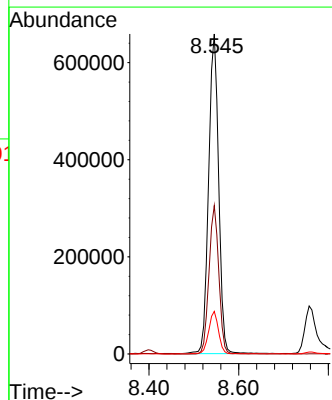
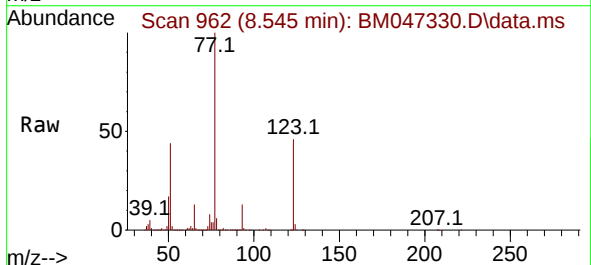
Instrument :
BNA_M
ClientSampleId :
PB162905BS

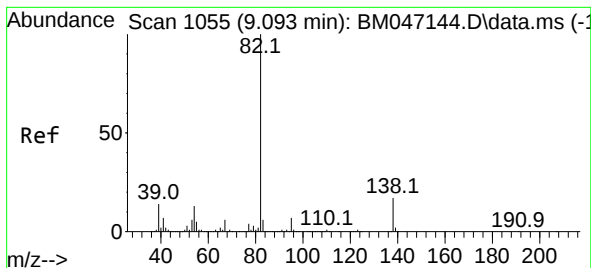
Tgt Ion: 82 Resp: 1943798
Ion Ratio Lower Upper
82 100
128 43.5 32.3 48.5
54 44.4 37.4 56.2



#24
Nitrobenzene
Concen: 38.297 ng
RT: 8.545 min Scan# 962
Delta R.T. -0.018 min
Lab File: BM047330.D
Acq: 23 Aug 2024 12:49

Tgt Ion: 77 Resp: 1018599
Ion Ratio Lower Upper
77 100
123 46.4 34.0 51.0
65 13.3 10.5 15.7





#25

Isophorone

Concen: 41.848 ng

RT: 9.069 min Scan# 1051

Delta R.T. -0.024 min

Lab File: BM047330.D

Acq: 23 Aug 2024 12:49

Instrument :

BNA_M

ClientSampleId :

PB162905BS

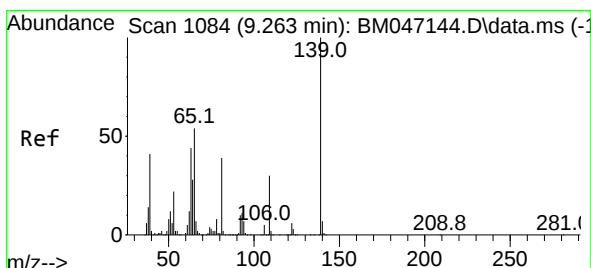
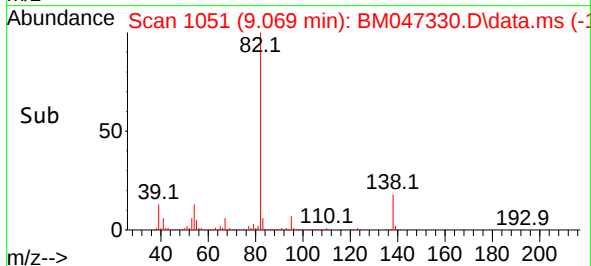
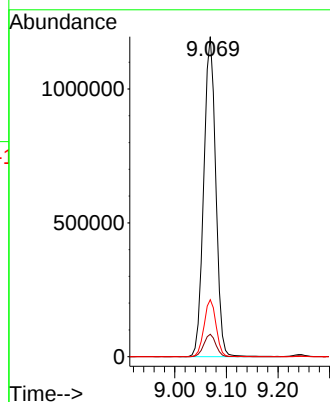
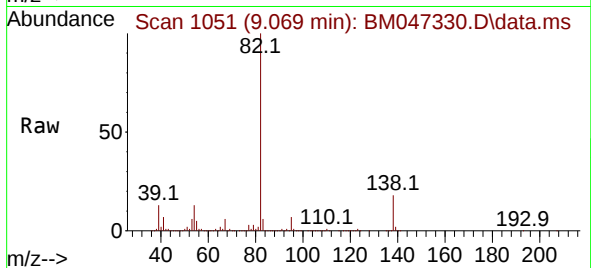
Tgt Ion: 82 Resp: 1924602

Ion Ratio Lower Upper

82 100

95 7.0 5.5 8.3

138 17.8 13.5 20.3



#26

2-Nitrophenol

Concen: 46.872 ng

RT: 9.245 min Scan# 1081

Delta R.T. -0.018 min

Lab File: BM047330.D

Acq: 23 Aug 2024 12:49

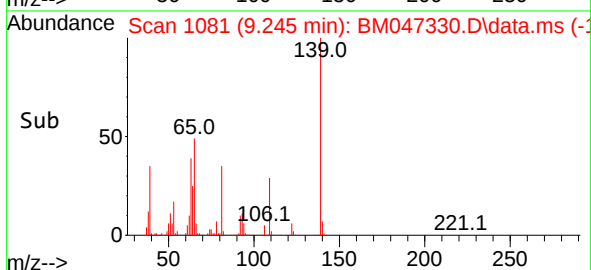
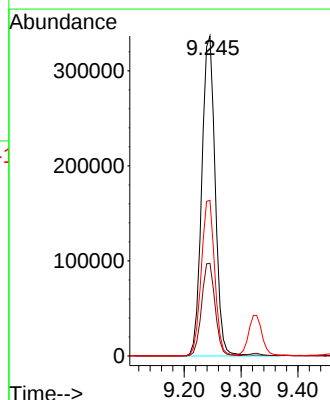
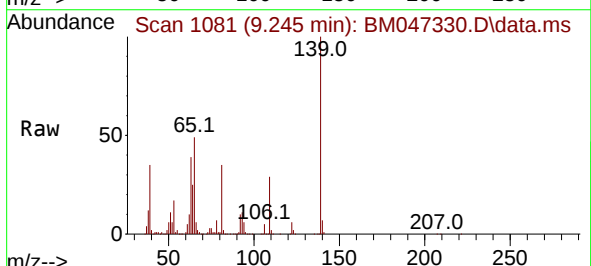
Tgt Ion: 139 Resp: 552105

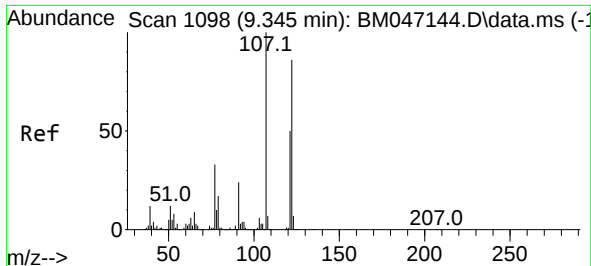
Ion Ratio Lower Upper

139 100

109 28.9 24.4 36.6

65 48.6 43.0 64.6





#27

2,4-Dimethylphenol

Concen: 49.051 ng

RT: 9.328 min Scan# 1095

Delta R.T. -0.018 min

Lab File: BM047330.D

Acq: 23 Aug 2024 12:49

Instrument :

BNA_M

ClientSampleId :

PB162905BS

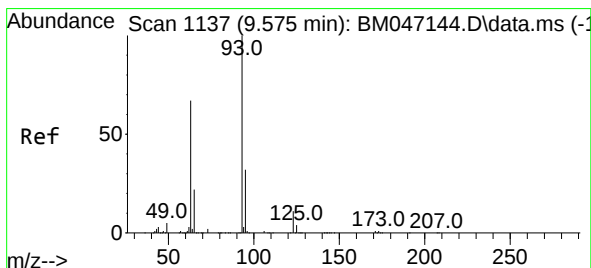
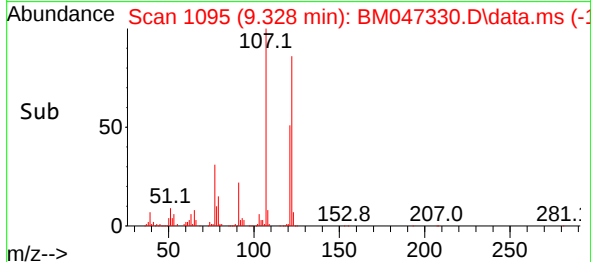
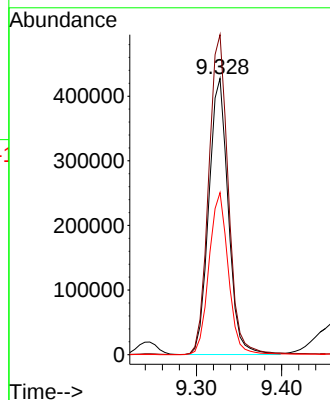
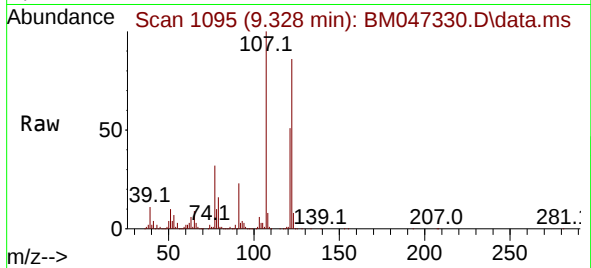
Tgt Ion:122 Resp: 676788

Ion Ratio Lower Upper

122 100

107 115.8 92.8 139.2

121 58.7 46.1 69.1



#28

bis(2-Chloroethoxy)methane

Concen: 41.215 ng

RT: 9.551 min Scan# 1133

Delta R.T. -0.024 min

Lab File: BM047330.D

Acq: 23 Aug 2024 12:49

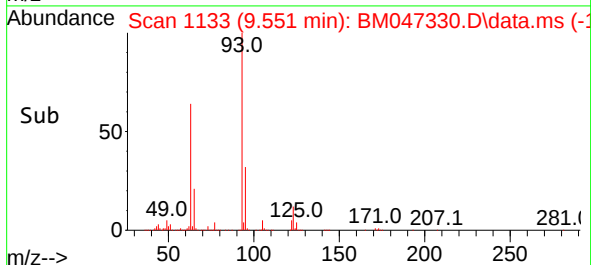
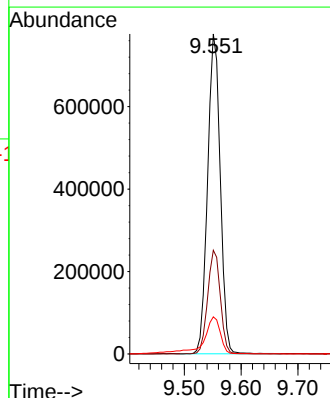
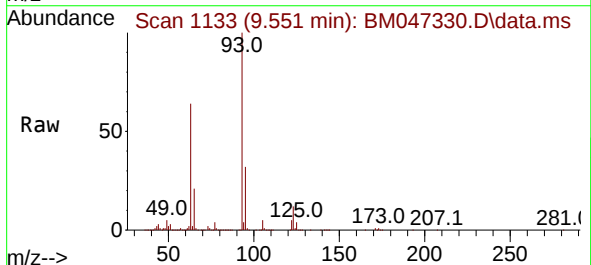
Tgt Ion: 93 Resp: 1192705

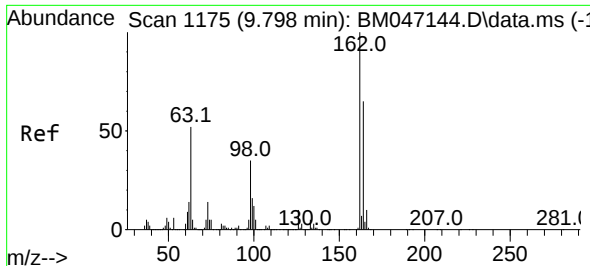
Ion Ratio Lower Upper

93 100

95 32.4 25.8 38.8

123 11.6 9.0 13.4





#29

2,4-Dichlorophenol

Concen: 49.039 ng

RT: 9.781 min Scan# 1175

Delta R.T. -0.018 min

Lab File: BM047330.D

Acq: 23 Aug 2024 12:49

Instrument :

BNA_M

ClientSampleId :

PB162905BS

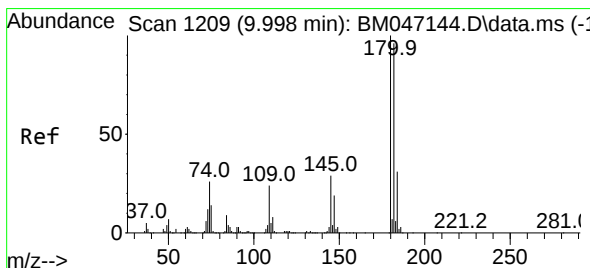
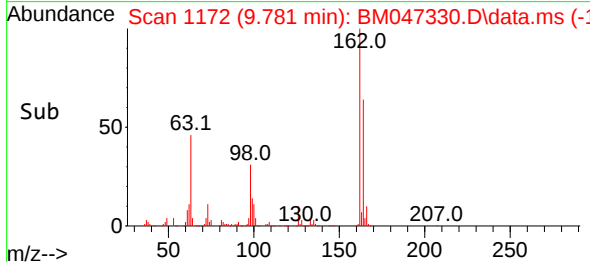
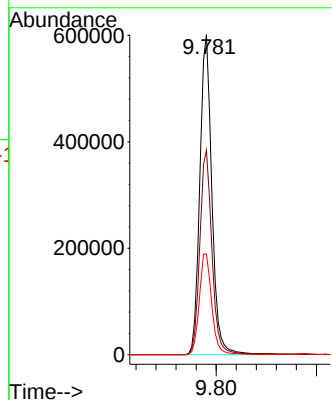
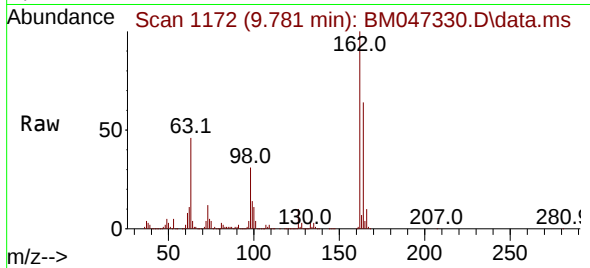
Tgt Ion:162 Resp: 1003969

Ion Ratio Lower Upper

162 100

164 63.9 44.7 84.7

98 31.5 14.9 54.9



#30

1,2,4-Trichlorobenzene

Concen: 44.297 ng

RT: 9.975 min Scan# 1205

Delta R.T. -0.024 min

Lab File: BM047330.D

Acq: 23 Aug 2024 12:49

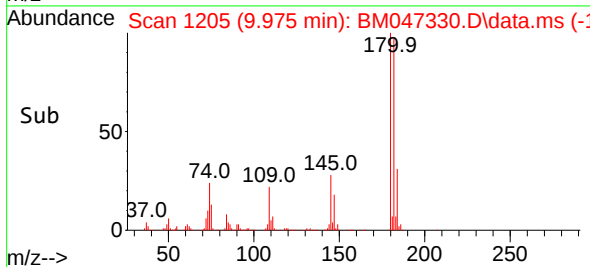
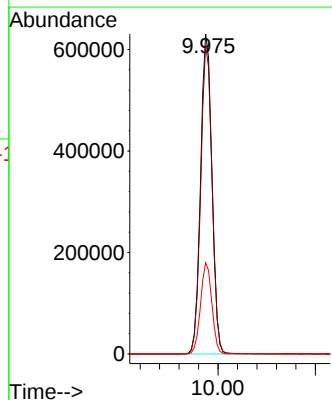
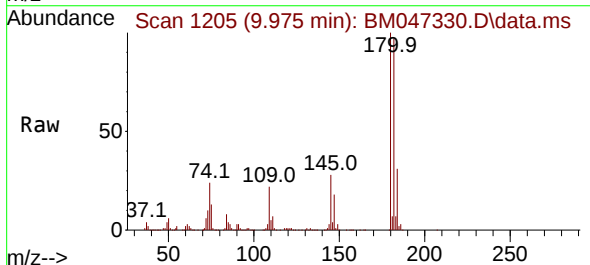
Tgt Ion:180 Resp: 1026300

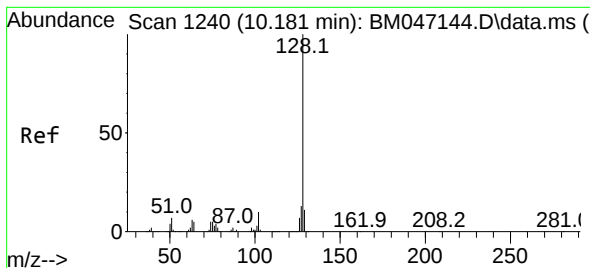
Ion Ratio Lower Upper

180 100

182 96.6 76.6 115.0

145 28.5 23.4 35.2

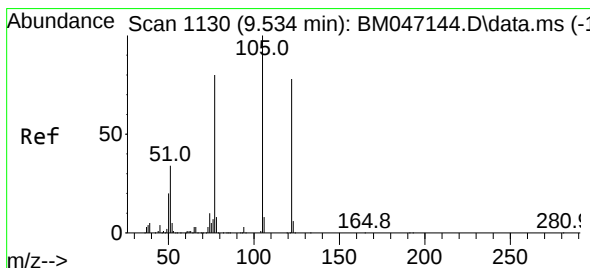
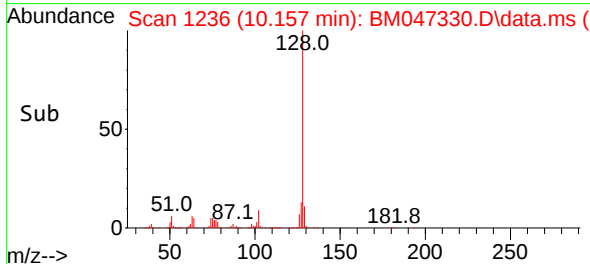
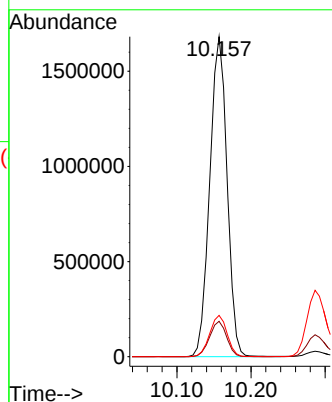
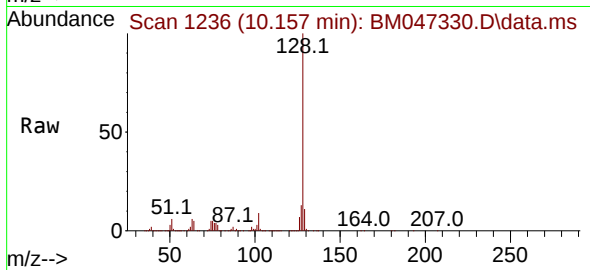




#31
Naphthalene
Concen: 41.116 ng
RT: 10.157 min Scan# 11
Delta R.T. -0.024 min
Lab File: BM047330.D
Acq: 23 Aug 2024 12:49

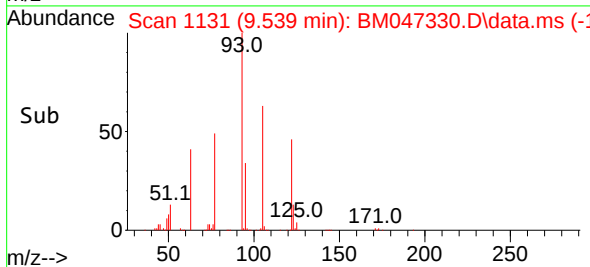
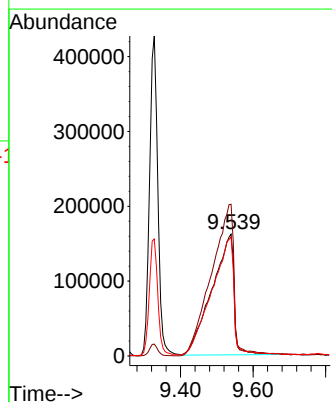
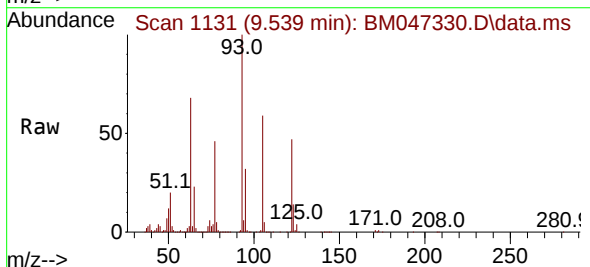
Instrument :
BNA_M
ClientSampleId :
PB162905BS

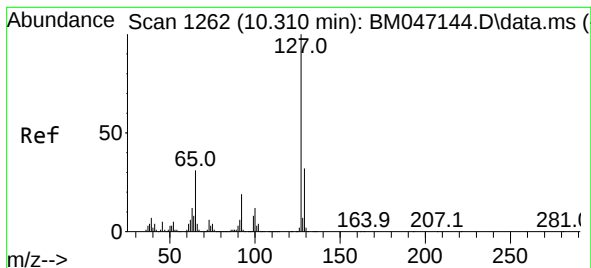
Tgt Ion:128 Resp: 2724231
Ion Ratio Lower Upper
128 100
129 11.1 8.6 13.0
127 12.9 10.2 15.4



#32
Benzoic acid
Concen: 42.776 ng
RT: 9.539 min Scan# 1131
Delta R.T. 0.006 min
Lab File: BM047330.D
Acq: 23 Aug 2024 12:49

Tgt Ion:122 Resp: 685722
Ion Ratio Lower Upper
122 100
105 124.5 107.1 147.1
77 97.7 82.1 122.1





#33

4-Chloroaniline

Concen: 26.509 ng

RT: 10.286 min Scan# 1

Delta R.T. -0.024 min

Lab File: BM047330.D

Acq: 23 Aug 2024 12:49

Instrument :

BNA_M

ClientSampleId :

PB162905BS

Tgt Ion:127 Resp: 675439

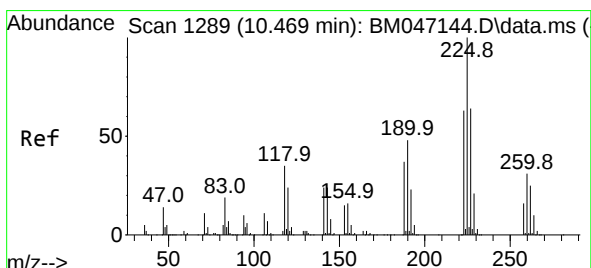
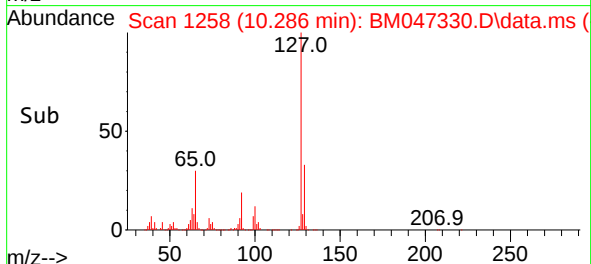
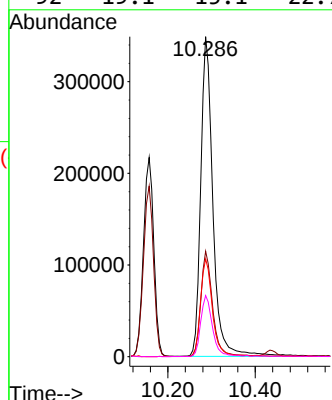
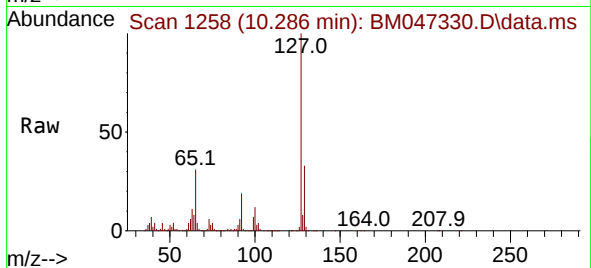
Ion Ratio Lower Upper

127 100

129 32.9 25.8 38.8

65 30.6 24.9 37.3

92 19.1 15.1 22.7



#34

Hexachlorobutadiene

Concen: 46.560 ng

RT: 10.439 min Scan# 1284

Delta R.T. -0.030 min

Lab File: BM047330.D

Acq: 23 Aug 2024 12:49

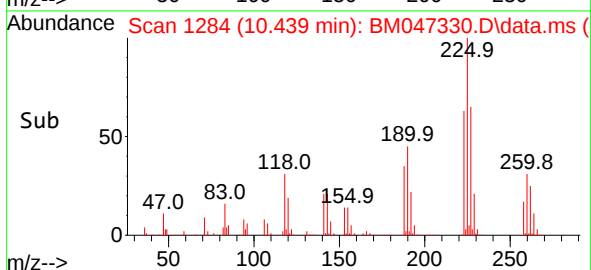
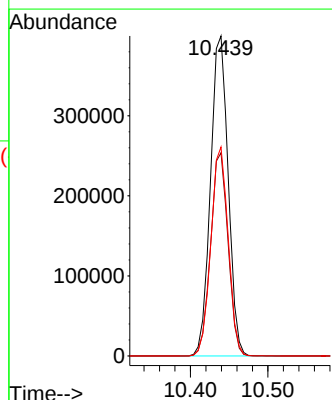
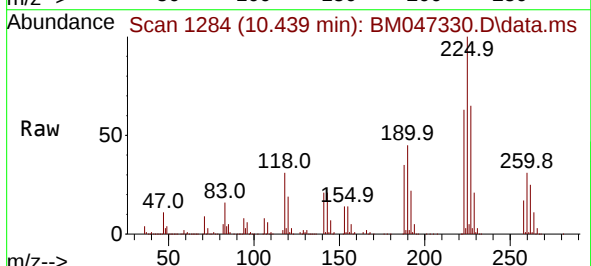
Tgt Ion:225 Resp: 631388

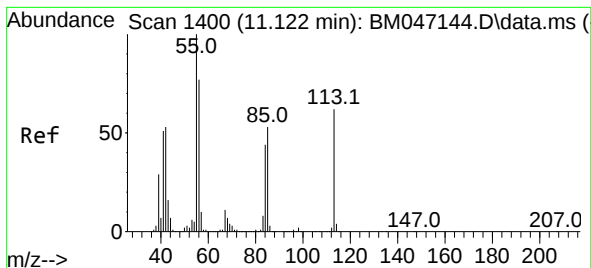
Ion Ratio Lower Upper

225 100

223 63.5 50.2 75.2

227 65.3 51.4 77.0





#35

Caprolactam

Concen: 25.620 ng

RT: 11.110 min Scan# 11

Delta R.T. -0.012 min

Lab File: BM047330.D

Acq: 23 Aug 2024 12:49

Instrument :

BNA_M

ClientSampleId :

PB162905BS

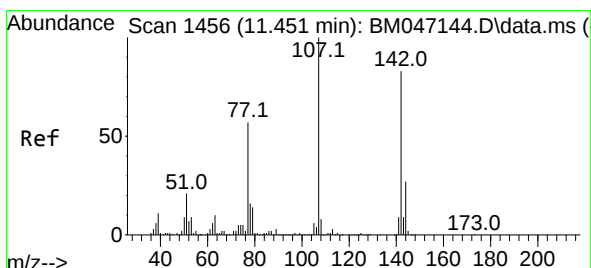
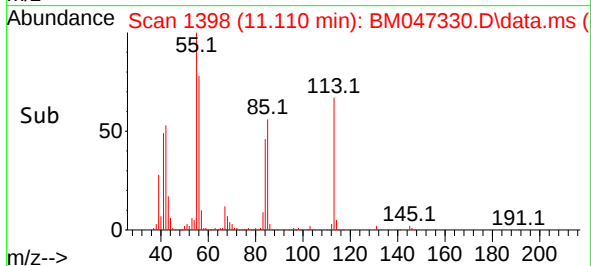
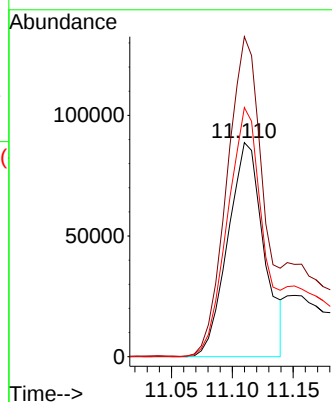
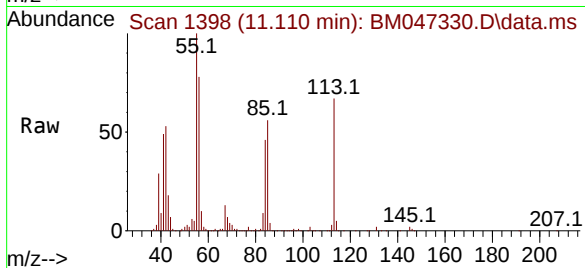
Tgt Ion:113 Resp: 182154

Ion Ratio Lower Upper

113 100

55 149.5 140.5 180.5

56 116.4 103.6 143.6



#36

4-Chloro-3-methylphenol

Concen: 44.082 ng

RT: 11.445 min Scan# 1455

Delta R.T. -0.006 min

Lab File: BM047330.D

Acq: 23 Aug 2024 12:49

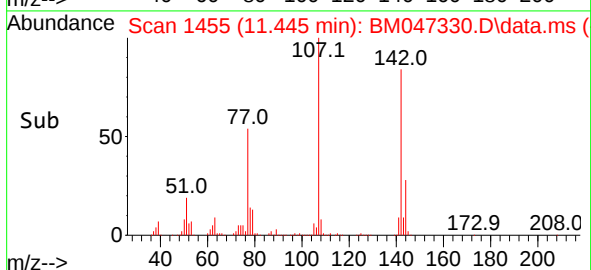
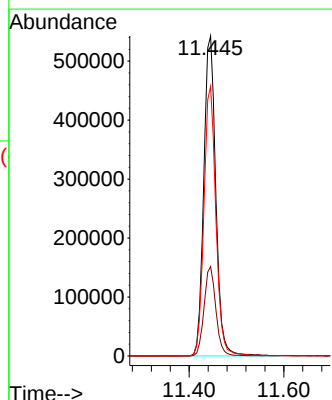
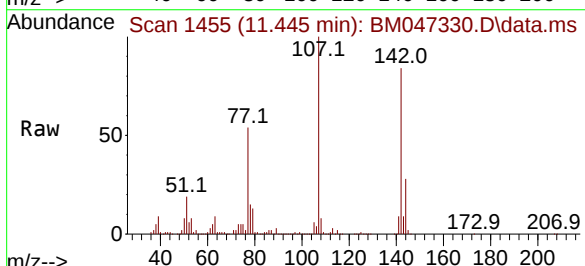
Tgt Ion:107 Resp: 961129

Ion Ratio Lower Upper

107 100

144 28.0 21.8 32.6

142 84.2 66.8 100.2

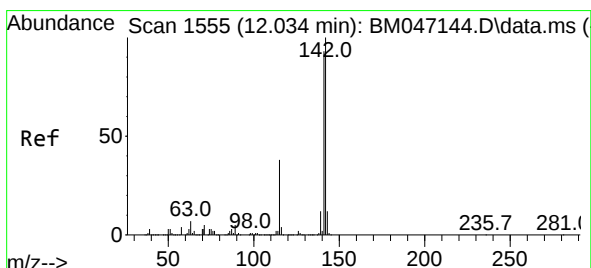
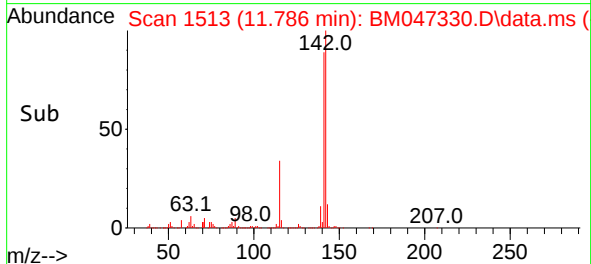
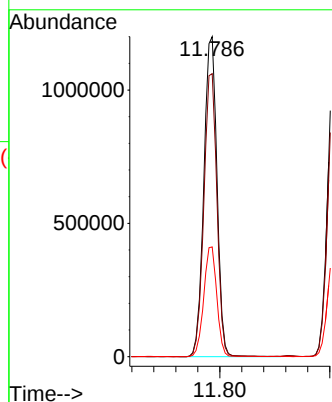
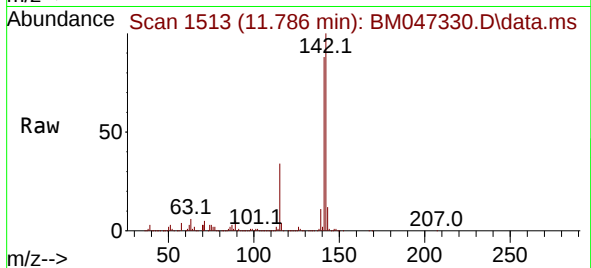




#37
2-Methylnaphthalene
Concen: 42.059 ng
RT: 11.786 min Scan# 11786
Delta R.T. -0.018 min
Lab File: BM047330.D
Acq: 23 Aug 2024 12:49

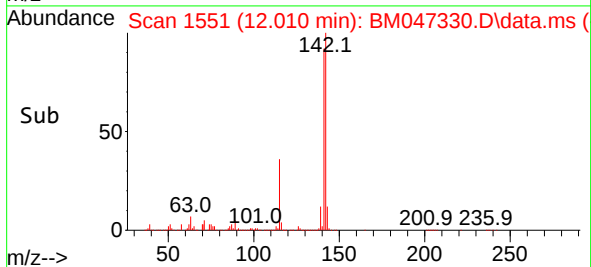
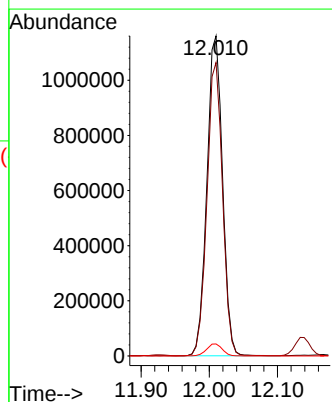
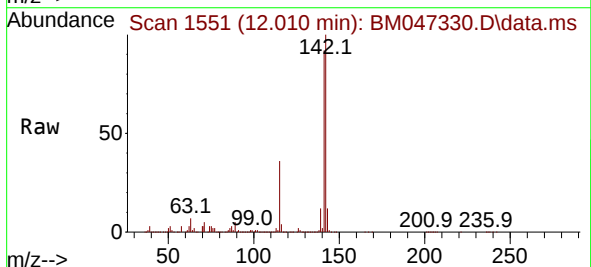
Instrument :
BNA_M
ClientSampleId :
PB162905BS

Tgt Ion:142 Resp: 1984115
Ion Ratio Lower Upper
142 100
141 88.4 70.9 106.3
115 34.3 28.7 43.1



#38
1-Methylnaphthalene
Concen: 39.712 ng
RT: 12.010 min Scan# 1551
Delta R.T. -0.024 min
Lab File: BM047330.D
Acq: 23 Aug 2024 12:49

Tgt Ion:142 Resp: 1851513
Ion Ratio Lower Upper
142 100
141 91.7 74.6 111.8
116 3.8 3.1 4.7





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.016 min Scan# 11

Delta R.T. -0.018 min

Lab File: BM047330.D

Acq: 23 Aug 2024 12:49

Instrument :

BNA_M

ClientSampleId :

PB162905BS

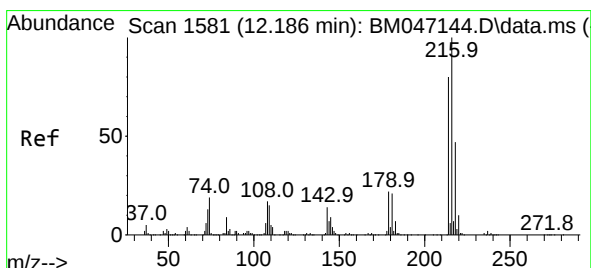
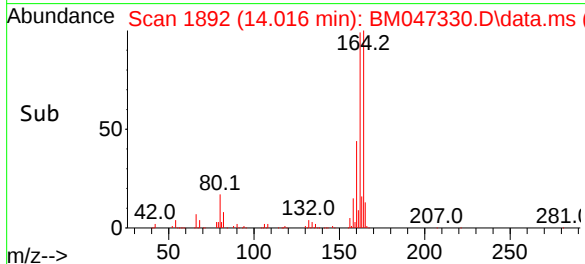
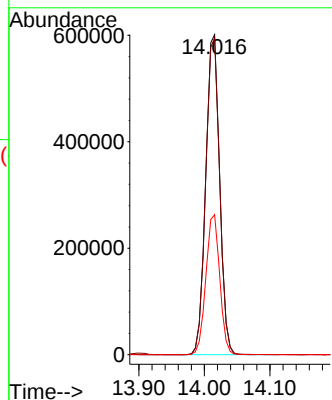
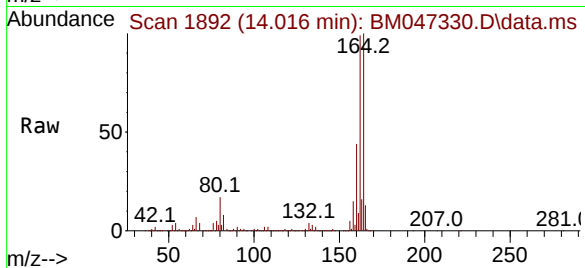
Tgt Ion:164 Resp: 887399

Ion Ratio Lower Upper

164 100

162 99.1 80.7 121.1

160 43.8 36.0 54.0



#40

1,2,4,5-Tetrachlorobenzene

Concen: 43.102 ng

RT: 12.169 min Scan# 1578

Delta R.T. -0.018 min

Lab File: BM047330.D

Acq: 23 Aug 2024 12:49

Tgt Ion:216 Resp: 1043244

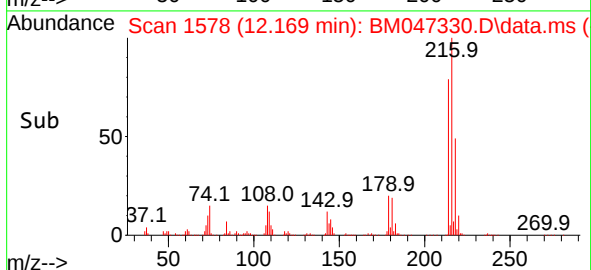
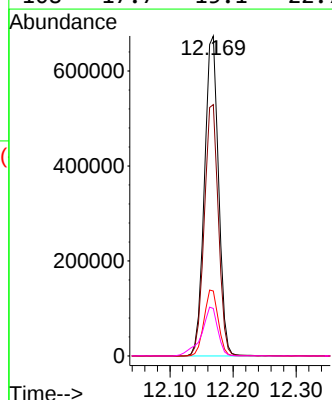
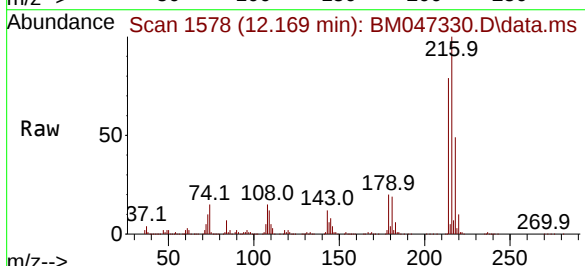
Ion Ratio Lower Upper

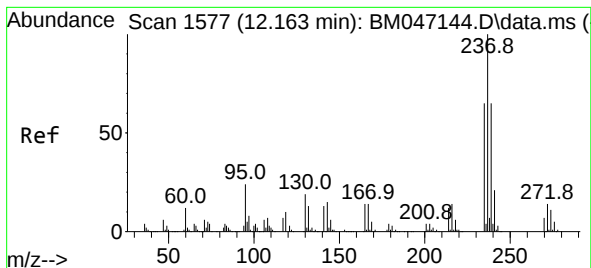
216 100

214 78.6 63.4 95.2

179 20.7 17.6 26.4

108 17.7 15.1 22.7





#41

Hexachlorocyclopentadiene

Concen: 110.117 ng

RT: 12.139 min Scan# 1

Delta R.T. -0.024 min

Lab File: BM047330.D

Acq: 23 Aug 2024 12:49

Instrument :

BNA_M

ClientSampleId :

PB162905BS

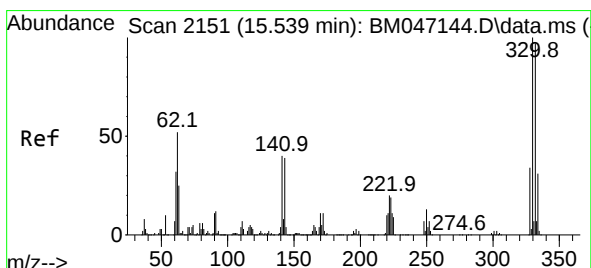
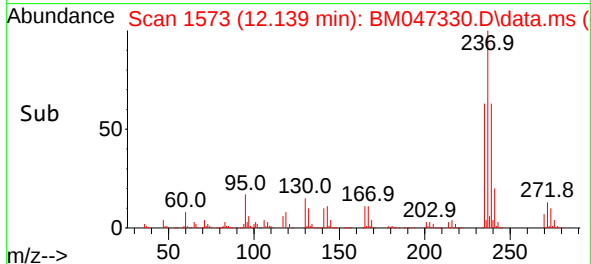
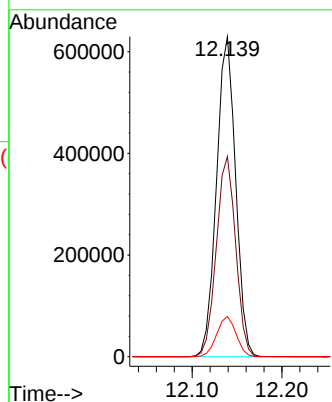
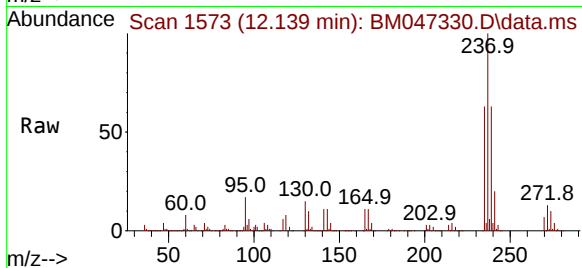
Tgt Ion:237 Resp: 930691

Ion Ratio Lower Upper

237 100

235 62.5 44.8 84.8

272 12.6 0.0 33.5



#42

2,4,6-Tribromophenol

Concen: 126.777 ng

RT: 15.527 min Scan# 2149

Delta R.T. -0.012 min

Lab File: BM047330.D

Acq: 23 Aug 2024 12:49

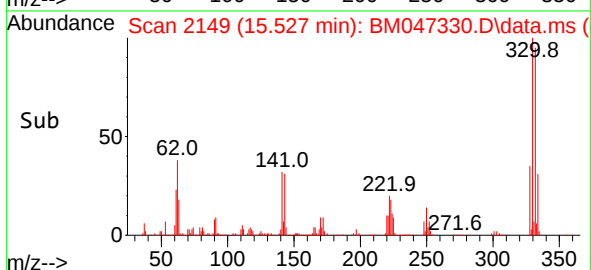
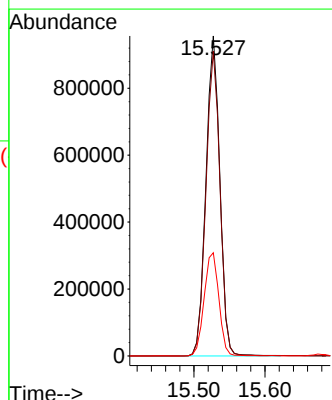
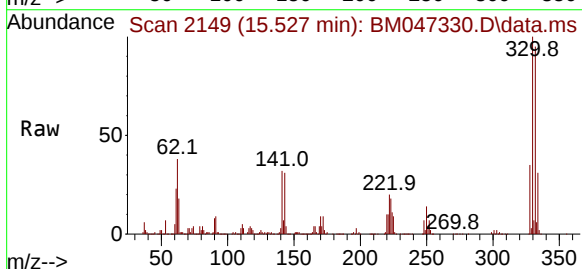
Tgt Ion:330 Resp: 1304478

Ion Ratio Lower Upper

330 100

332 96.1 77.4 116.2

141 34.3 31.6 47.4





#43

2,4,6-Trichlorophenol

Concen: 48.033 ng

RT: 12.427 min Scan# 1

Delta R.T. -0.018 min

Lab File: BM047330.D

Acq: 23 Aug 2024 12:49

Instrument :

BNA_M

ClientSampleId :

PB162905BS

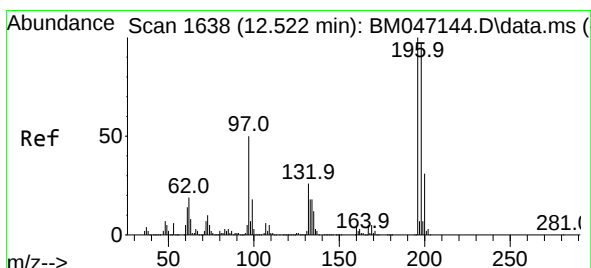
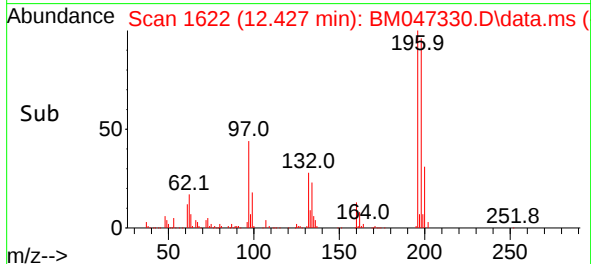
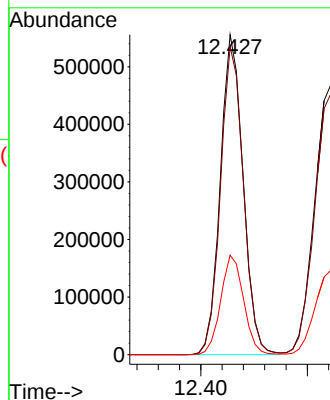
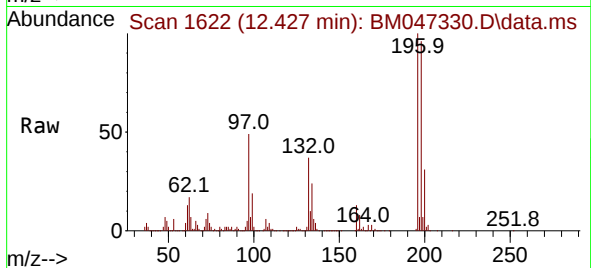
Tgt Ion:196 Resp: 826341

Ion Ratio Lower Upper

196 100

198 96.2 75.6 113.4

200 31.1 24.6 37.0



#44

2,4,5-Trichlorophenol

Concen: 43.732 ng

RT: 12.522 min Scan# 1638

Delta R.T. -0.000 min

Lab File: BM047330.D

Acq: 23 Aug 2024 12:49

Tgt Ion:196 Resp: 835325

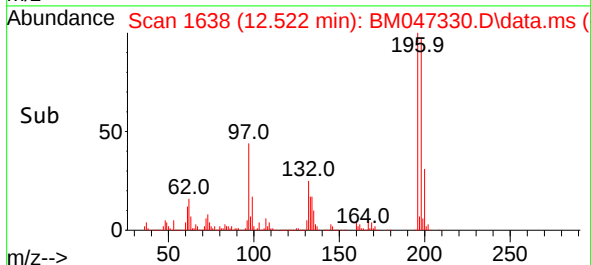
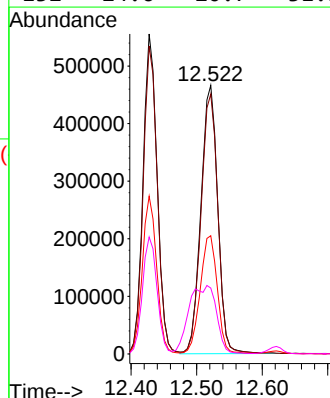
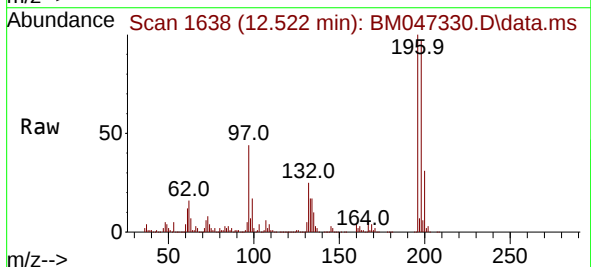
Ion Ratio Lower Upper

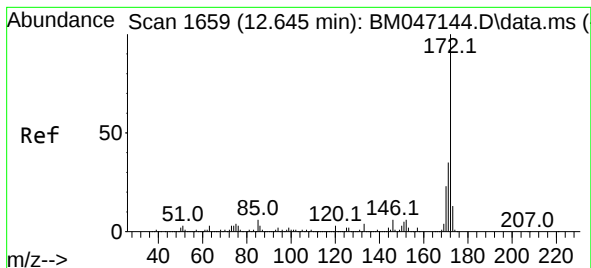
196 100

198 96.7 77.7 116.5

97 44.0 39.8 59.8

132 24.6 20.7 31.1

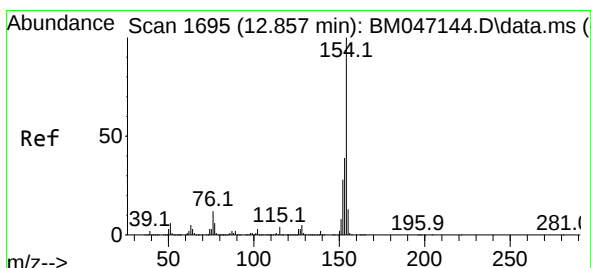
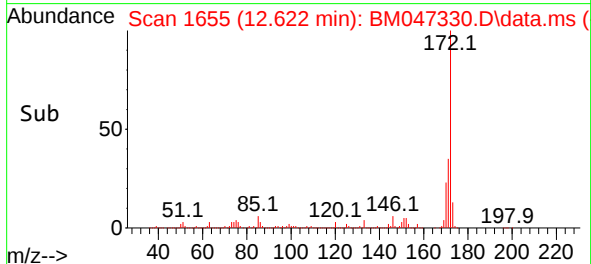
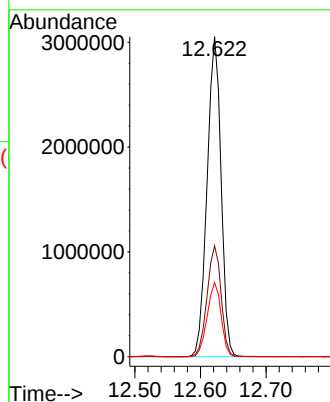
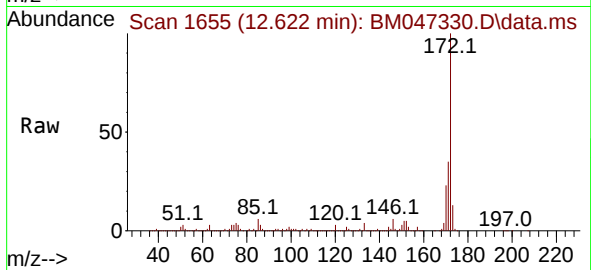




#45
2-Fluorobiphenyl
Concen: 78.577 ng
RT: 12.622 min Scan# 1655
Delta R.T. -0.023 min
Lab File: BM047330.D
Acq: 23 Aug 2024 12:49

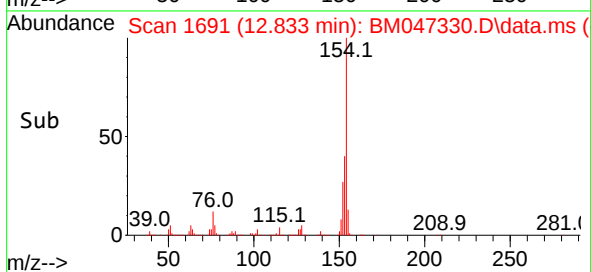
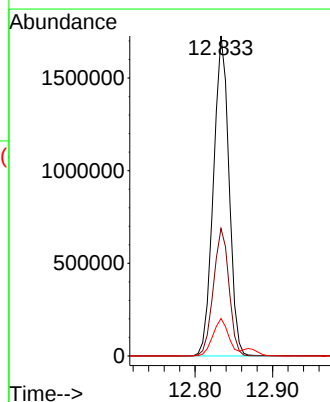
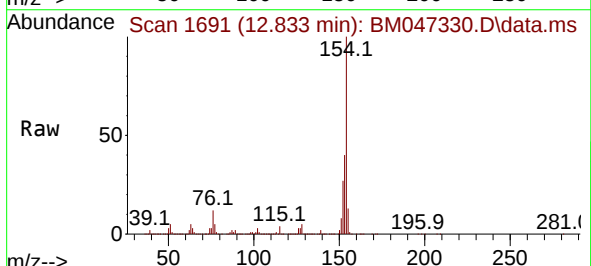
Instrument :
BNA_M
ClientSampleId :
PB162905BS

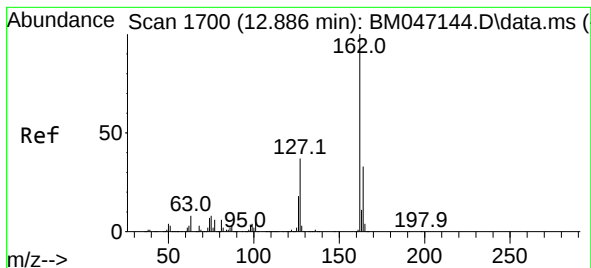
Tgt Ion:172 Resp: 4520431
Ion Ratio Lower Upper
172 100
171 34.6 27.8 41.6
170 23.2 18.7 28.1



#46
1,1'-Biphenyl
Concen: 38.226 ng
RT: 12.833 min Scan# 1691
Delta R.T. -0.024 min
Lab File: BM047330.D
Acq: 23 Aug 2024 12:49

Tgt Ion:154 Resp: 2414953
Ion Ratio Lower Upper
154 100
153 39.9 19.0 59.0
76 11.7 0.0 31.9

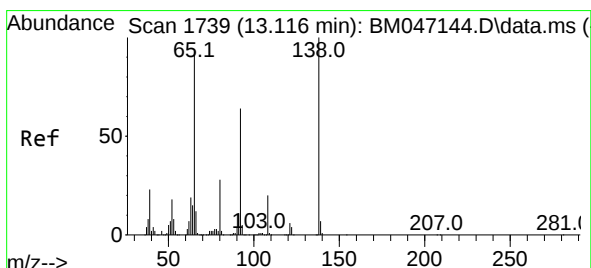
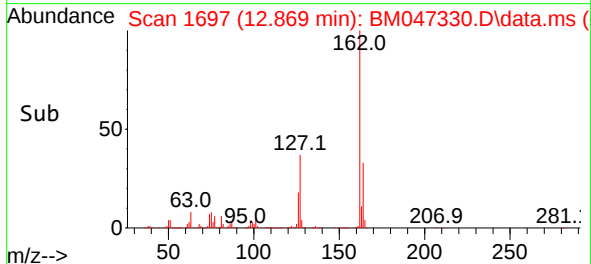
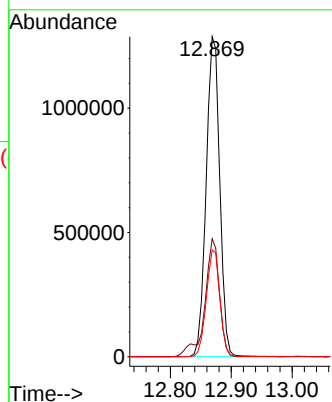
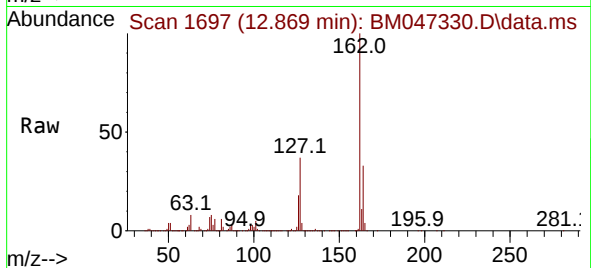




#47
2-Chloronaphthalene
Concen: 40.423 ng
RT: 12.869 min Scan# 1
Delta R.T. -0.018 min
Lab File: BM047330.D
Acq: 23 Aug 2024 12:49

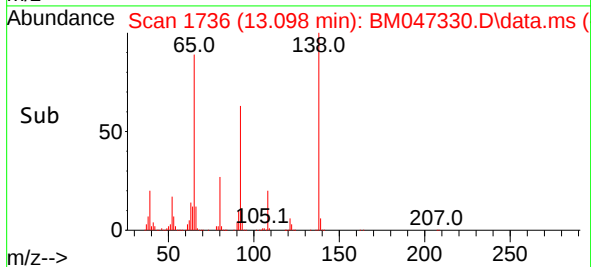
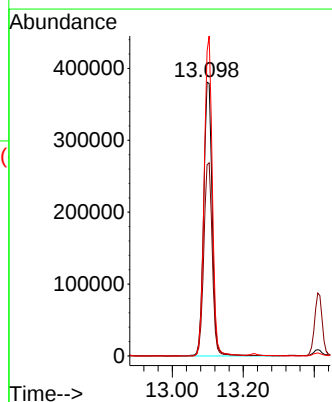
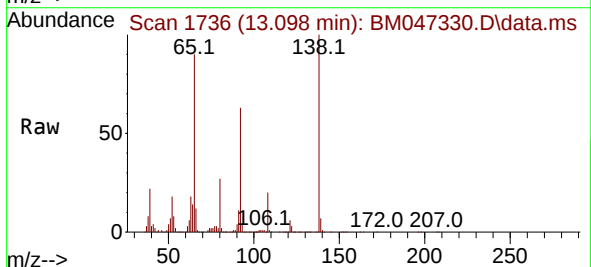
Instrument :
BNA_M
ClientSampleId :
PB162905BS

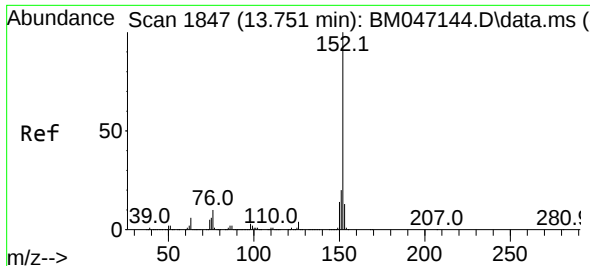
Tgt Ion:162 Resp: 1996007
Ion Ratio Lower Upper
162 100
127 36.8 30.0 45.0
164 33.4 26.3 39.5



#48
2-Nitroaniline
Concen: 41.149 ng
RT: 13.098 min Scan# 1736
Delta R.T. -0.018 min
Lab File: BM047330.D
Acq: 23 Aug 2024 12:49

Tgt Ion: 65 Resp: 636551
Ion Ratio Lower Upper
65 100
92 69.8 55.1 82.7
138 111.3 85.9 128.9

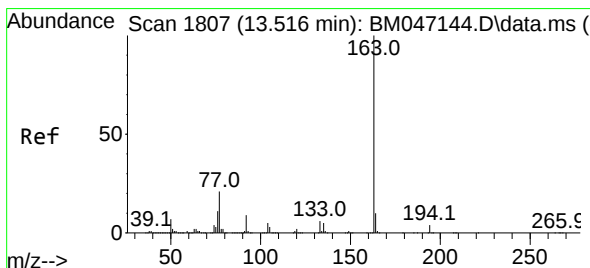
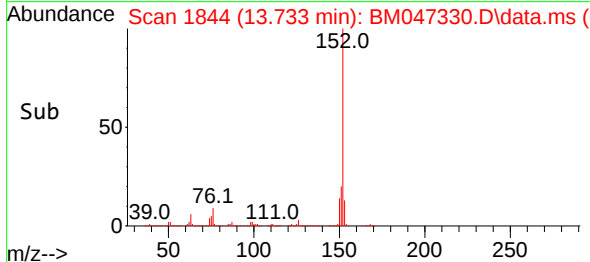
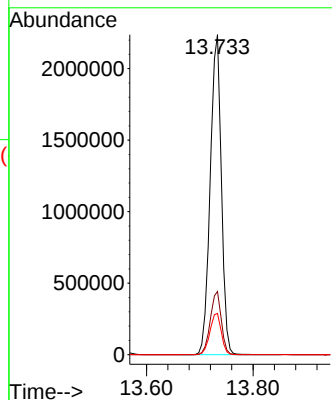
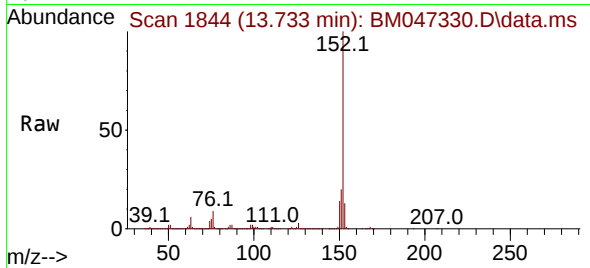




#49
Acenaphthylene
Concen: 44.643 ng
RT: 13.733 min Scan# 1844
Delta R.T. -0.018 min
Lab File: BM047330.D
Acq: 23 Aug 2024 12:49

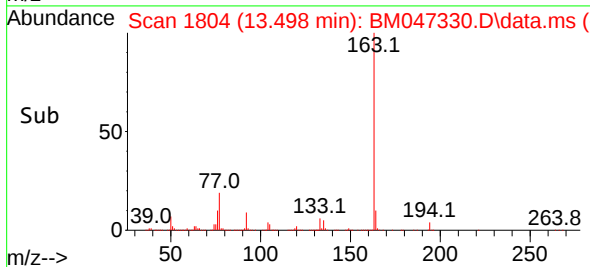
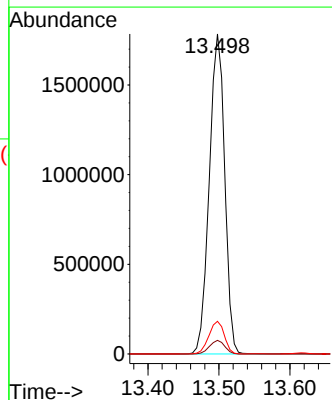
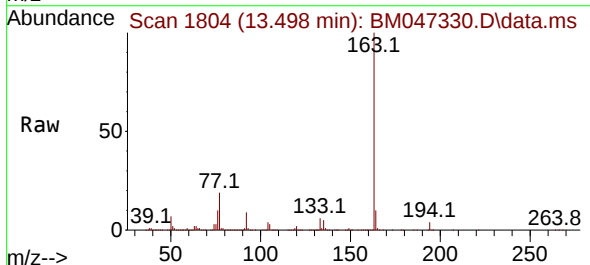
Instrument :
BNA_M
ClientSampleId :
PB162905BS

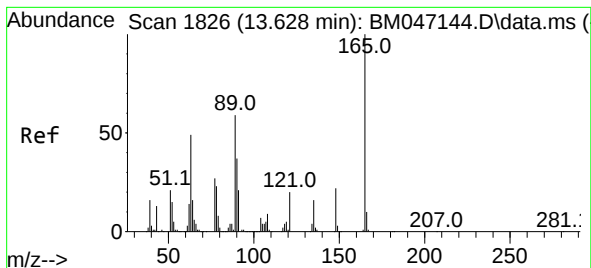
Tgt Ion:152 Resp: 3249325
Ion Ratio Lower Upper
152 100
151 19.8 15.8 23.6
153 12.9 10.4 15.6



#50
Dimethylphthalate
Concen: 43.523 ng
RT: 13.498 min Scan# 1804
Delta R.T. -0.018 min
Lab File: BM047330.D
Acq: 23 Aug 2024 12:49

Tgt Ion:163 Resp: 2697386
Ion Ratio Lower Upper
163 100
194 4.3 3.0 4.6
164 10.2 8.0 12.0

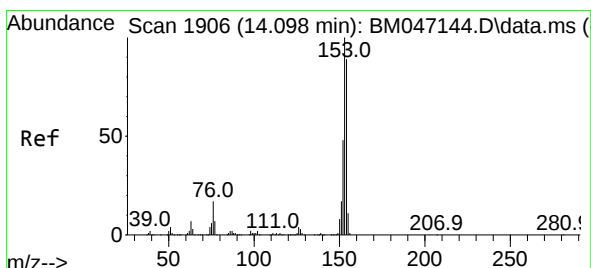
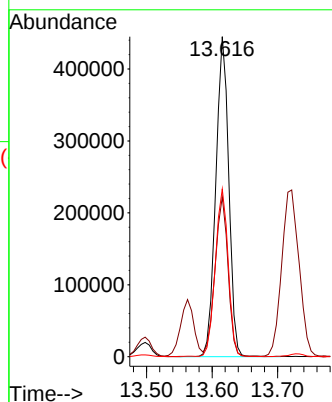
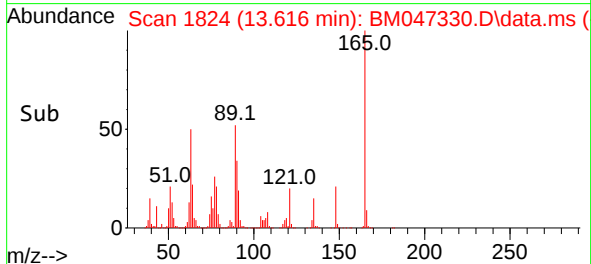
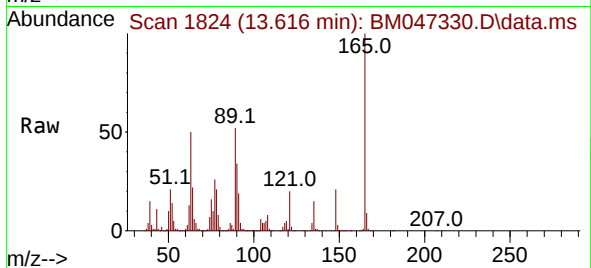




#51
2,6-Dinitrotoluene
Concen: 42.123 ng
RT: 13.616 min Scan# 11
Delta R.T. -0.012 min
Lab File: BM047330.D
Acq: 23 Aug 2024 12:49

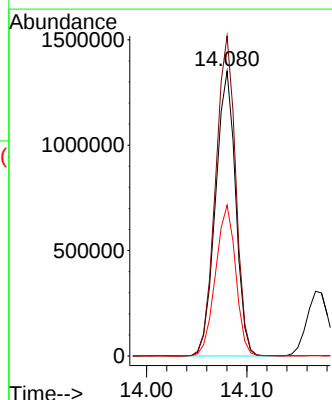
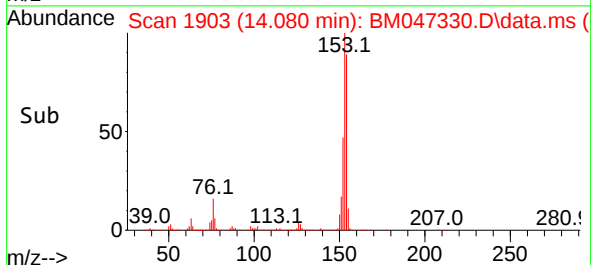
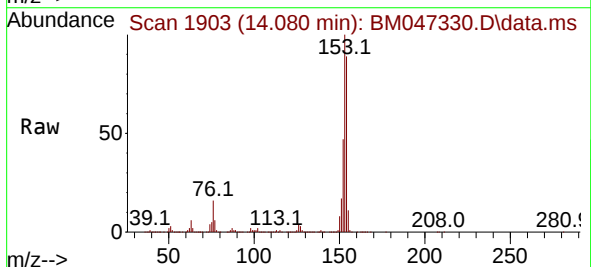
Instrument :
BNA_M
ClientSampleId :
PB162905BS

Tgt Ion:165 Resp: 610278
Ion Ratio Lower Upper
165 100
63 49.9 46.5 69.7
89 52.4 47.3 70.9



#52
Acenaphthene
Concen: 40.724 ng
RT: 14.080 min Scan# 1903
Delta R.T. -0.018 min
Lab File: BM047330.D
Acq: 23 Aug 2024 12:49

Tgt Ion:154 Resp: 1880229
Ion Ratio Lower Upper
154 100
153 112.4 90.3 135.5
152 52.9 42.9 64.3

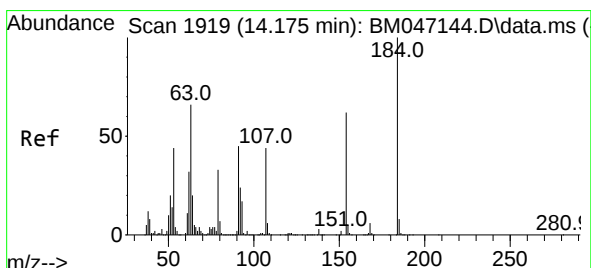
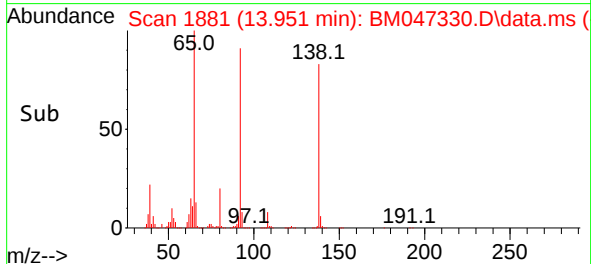
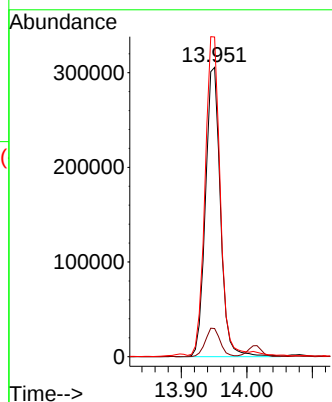
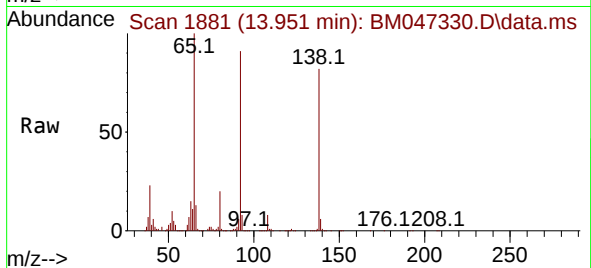




#53
3-Nitroaniline
Concen: 33.596 ng
RT: 13.951 min Scan# 1881
Delta R.T. -0.012 min
Lab File: BM047330.D
Acq: 23 Aug 2024 12:49

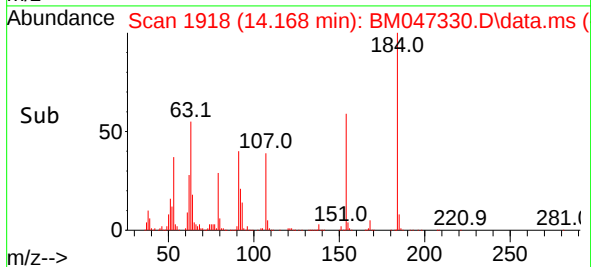
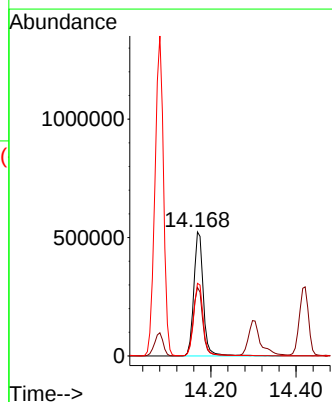
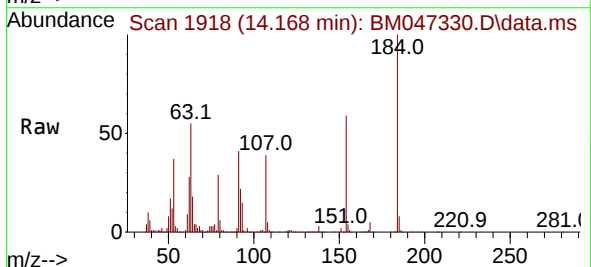
Instrument :
BNA_M
ClientSampleId :
PB162905BS

Tgt Ion:138 Resp: 487728
Ion Ratio Lower Upper
138 100
108 9.7 7.9 11.9
92 110.5 92.0 138.0



#54
2,4-Dinitrophenol
Concen: 93.622 ng
RT: 14.168 min Scan# 1918
Delta R.T. -0.007 min
Lab File: BM047330.D
Acq: 23 Aug 2024 12:49

Tgt Ion:184 Resp: 812942
Ion Ratio Lower Upper
184 100
63 55.2 52.7 79.1
154 58.6 50.4 75.6





#55

Dibenzenofuran

Concen: 42.399 ng

RT: 14.421 min Scan# 1964

Delta R.T. -0.018 min

Lab File: BM047330.D

Acq: 23 Aug 2024 12:49

Instrument :

BNA_M

ClientSampleId :

PB162905BS

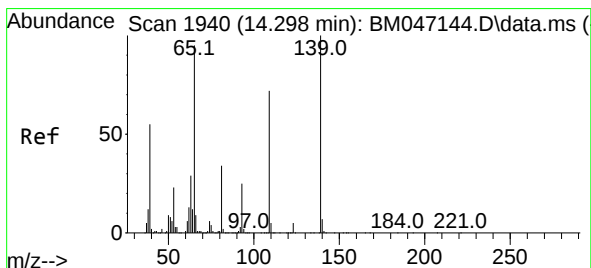
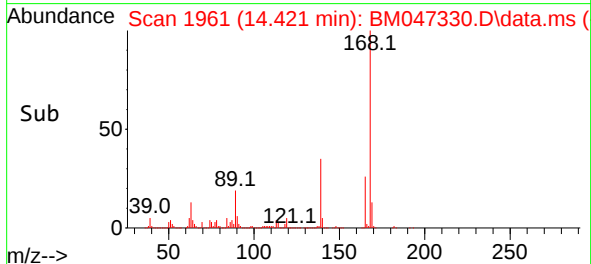
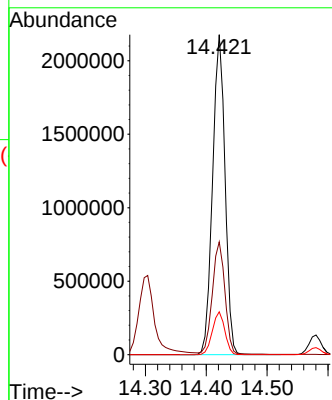
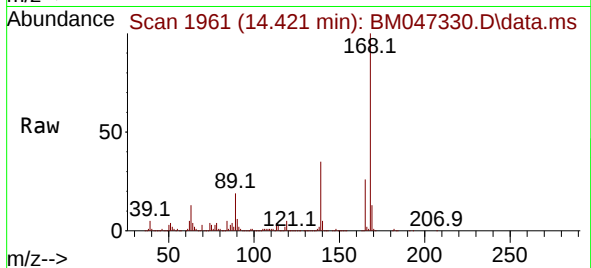
Tgt Ion:168 Resp: 3092030

Ion Ratio Lower Upper

168 100

139 35.3 29.6 44.4

169 13.4 10.7 16.1



#56

4-Nitrophenol

Concen: 78.553 ng

RT: 14.304 min Scan# 1941

Delta R.T. 0.006 min

Lab File: BM047330.D

Acq: 23 Aug 2024 12:49

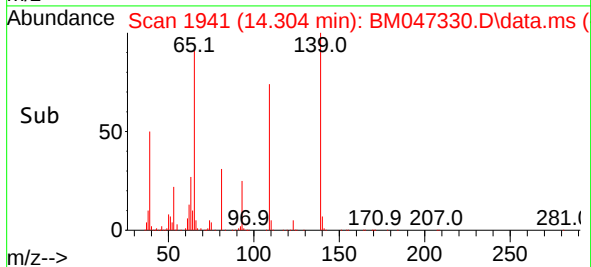
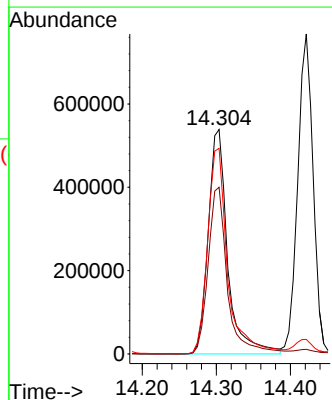
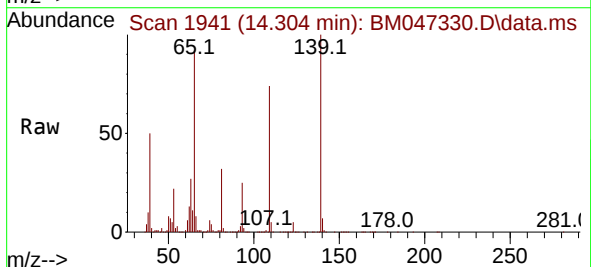
Tgt Ion:139 Resp: 983359

Ion Ratio Lower Upper

139 100

109 74.3 52.5 92.5

65 91.6 75.4 115.4

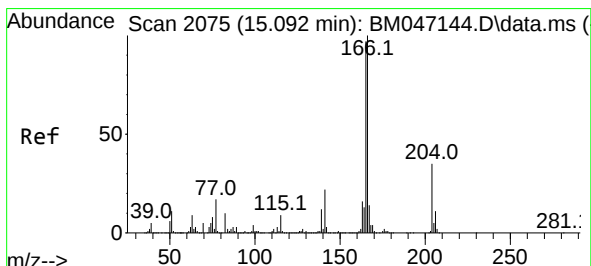
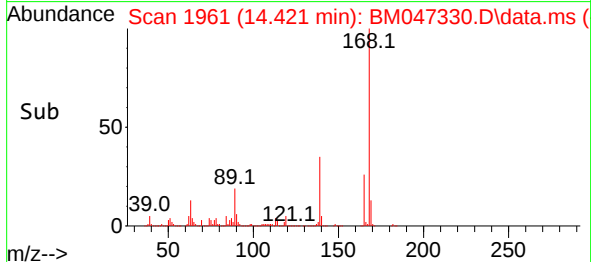
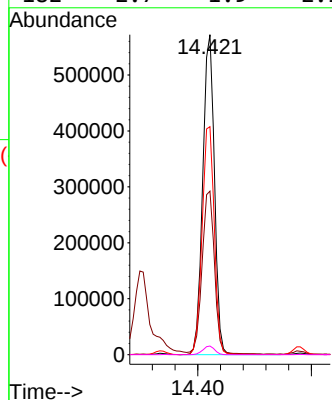
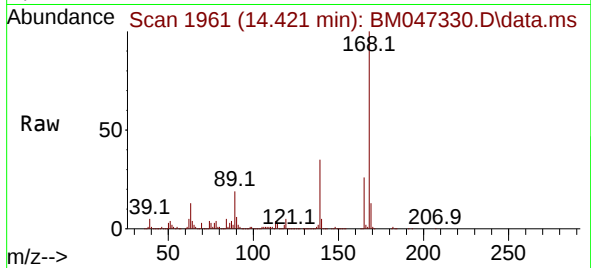




#57
2,4-Dinitrotoluene
Concen: 42.189 ng
RT: 14.421 min Scan# 1962
Delta R.T. -0.006 min
Lab File: BM047330.D
Acq: 23 Aug 2024 12:49

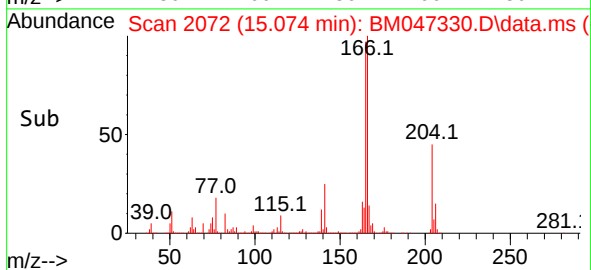
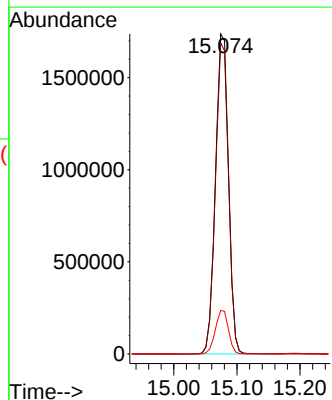
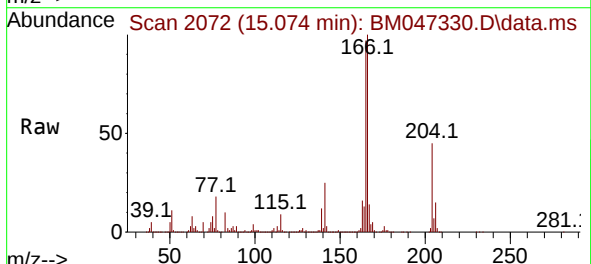
Instrument :
BNA_M
ClientSampleId :
PB162905BS

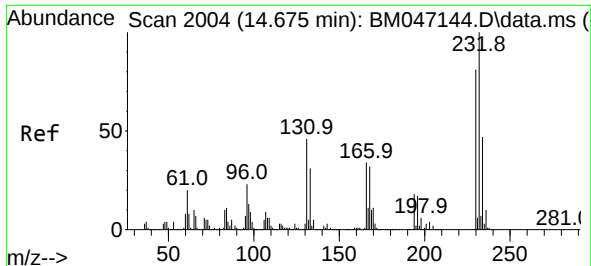
Tgt Ion:165 Resp: 815840
Ion Ratio Lower Upper
165 100
63 51.1 40.3 60.5
89 71.3 61.0 91.6
182 2.7 1.9 2.9



#58
Fluorene
Concen: 41.457 ng
RT: 15.074 min Scan# 2072
Delta R.T. -0.018 min
Lab File: BM047330.D
Acq: 23 Aug 2024 12:49

Tgt Ion:166 Resp: 2494564
Ion Ratio Lower Upper
166 100
165 97.2 77.4 116.0
167 13.6 11.0 16.6

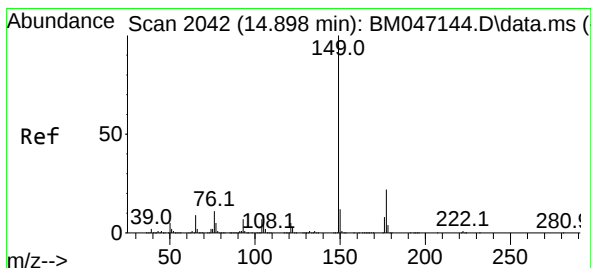
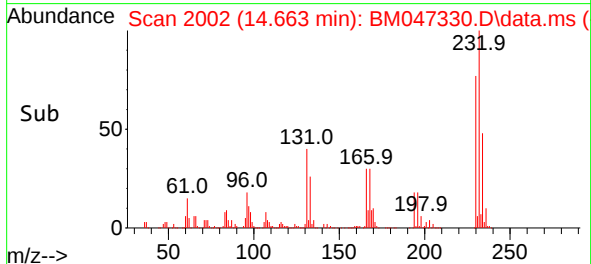
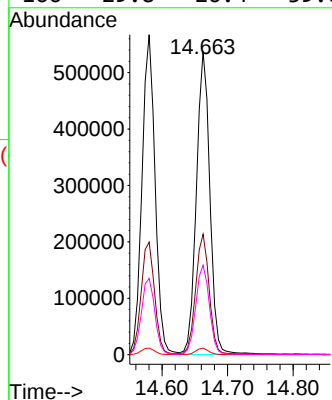
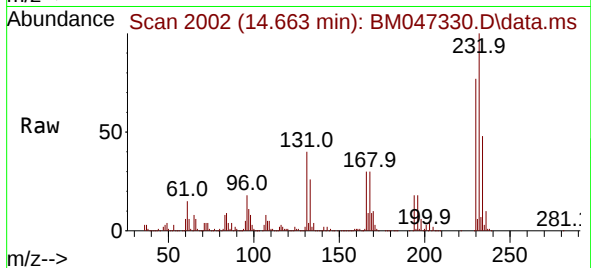




#59
2,3,4,6-Tetrachlorophenol
Concen: 48.871 ng
RT: 14.663 min Scan# 2002
Delta R.T. -0.012 min
Lab File: BM047330.D
Acq: 23 Aug 2024 12:49

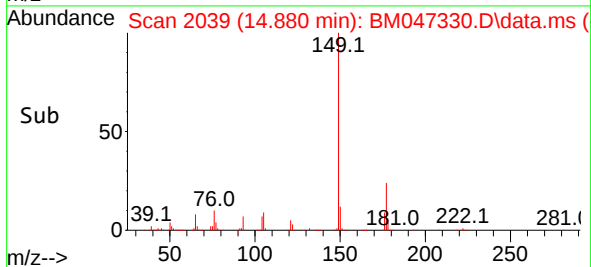
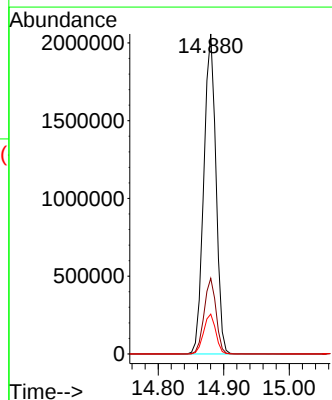
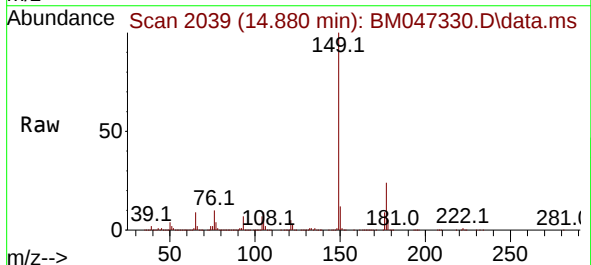
Instrument :
BNA_M
ClientSampleId :
PB162905BS

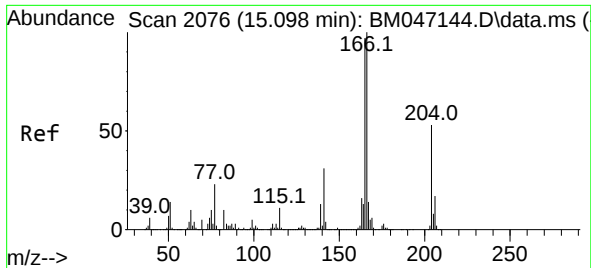
Tgt Ion:232 Resp: 767205
Ion Ratio Lower Upper
232 100
131 39.4 36.9 55.3
130 2.1 2.0 3.0
166 29.8 26.4 39.6



#60
Diethylphthalate
Concen: 41.941 ng
RT: 14.880 min Scan# 2039
Delta R.T. -0.018 min
Lab File: BM047330.D
Acq: 23 Aug 2024 12:49

Tgt Ion:149 Resp: 2654429
Ion Ratio Lower Upper
149 100
177 23.7 17.6 26.4
150 12.5 9.8 14.6

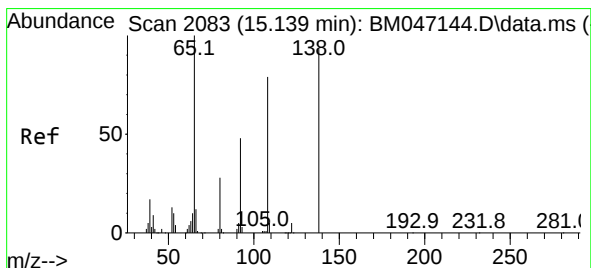
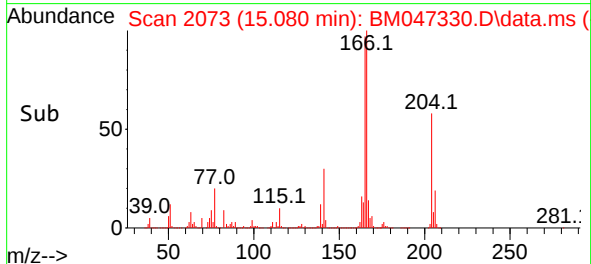
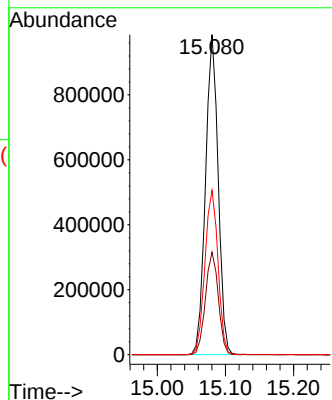
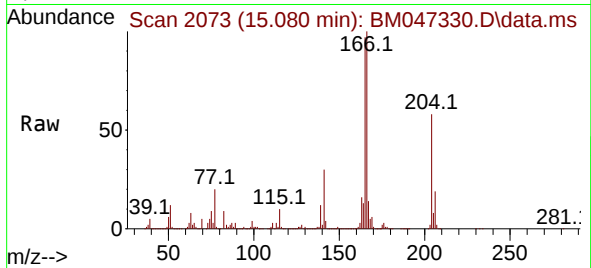




#61
4-Chlorophenyl-phenylether
Concen: 44.370 ng
RT: 15.080 min Scan# 2076
Delta R.T. -0.018 min
Lab File: BM047330.D
Acq: 23 Aug 2024 12:49

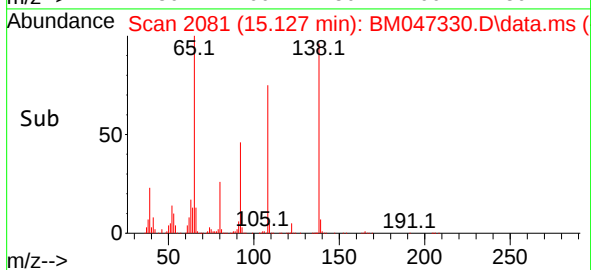
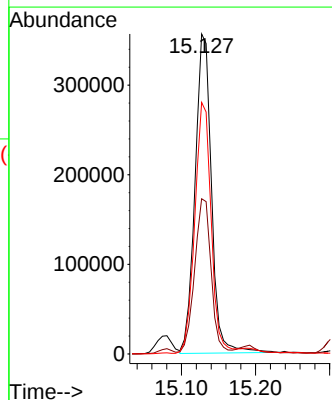
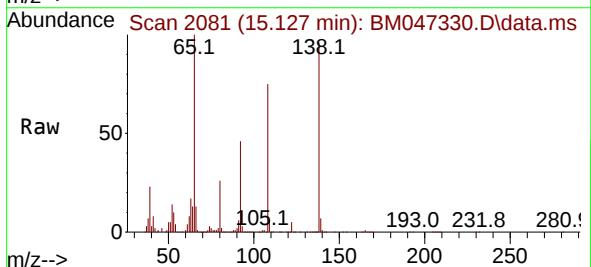
Instrument :
BNA_M
ClientSampleId :
PB162905BS

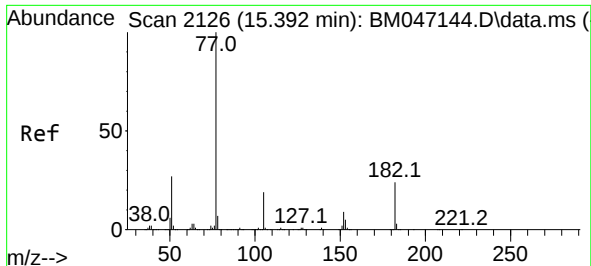
Tgt Ion:204 Resp: 1271078
Ion Ratio Lower Upper
204 100
206 32.1 26.2 39.4
141 51.4 47.2 70.8



#62
4-Nitroaniline
Concen: 38.347 ng
RT: 15.127 min Scan# 2081
Delta R.T. -0.012 min
Lab File: BM047330.D
Acq: 23 Aug 2024 12:49

Tgt Ion:138 Resp: 548449
Ion Ratio Lower Upper
138 100
92 48.5 31.9 71.9
108 78.6 63.8 103.8



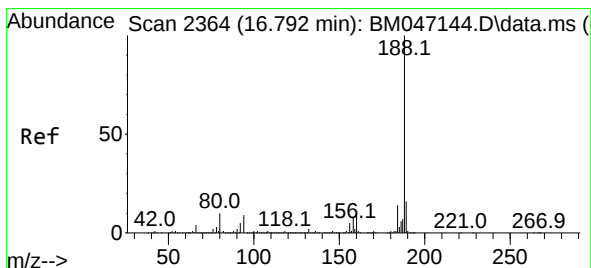
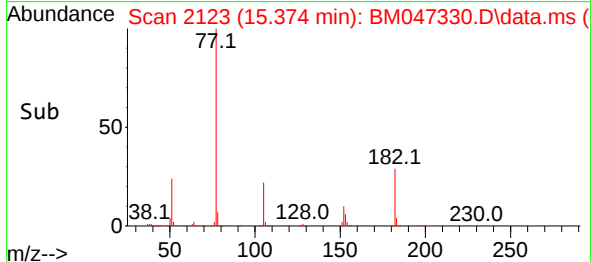
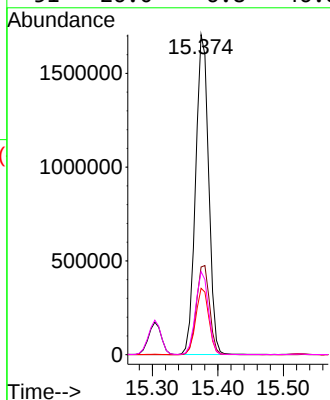
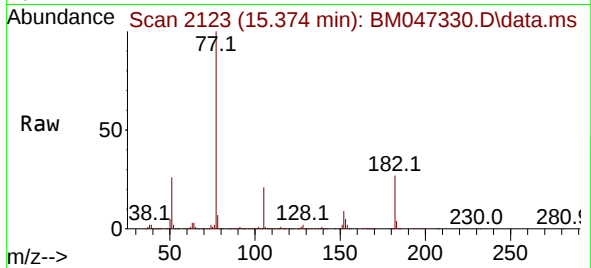


#63
Azobenzene
Concen: 39.320 ng
RT: 15.374 min Scan# 2126
Delta R.T. -0.018 min
Lab File: BM047330.D
Acq: 23 Aug 2024 12:49

Instrument :
BNA_M
ClientSampleId :
PB162905BS

Tgt Ion: 77 Resp: 2359574

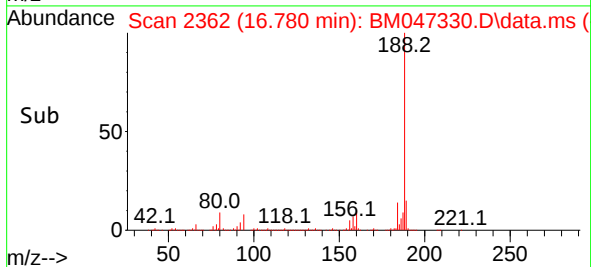
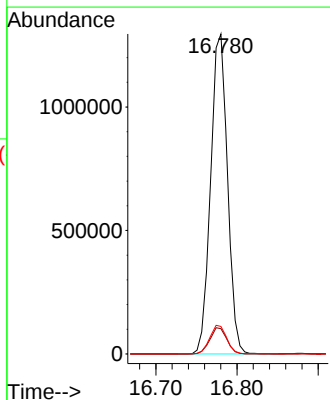
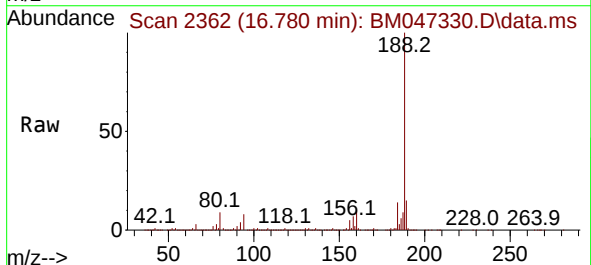
Ion	Ratio	Lower	Upper
77	100		
182	27.4	3.8	43.8
105	20.8	0.0	39.5
51	26.0	6.8	46.8

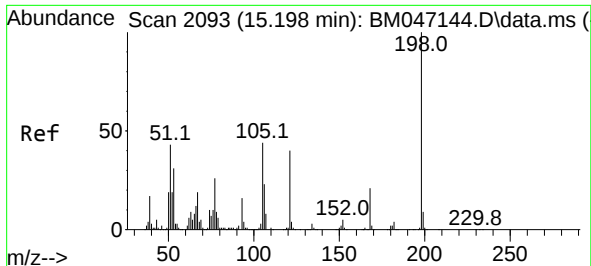


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.780 min Scan# 2362
Delta R.T. -0.012 min
Lab File: BM047330.D
Acq: 23 Aug 2024 12:49

Tgt Ion: 188 Resp: 1865779

Ion	Ratio	Lower	Upper
188	100		
94	7.9	7.0	10.6
80	8.6	8.0	12.0

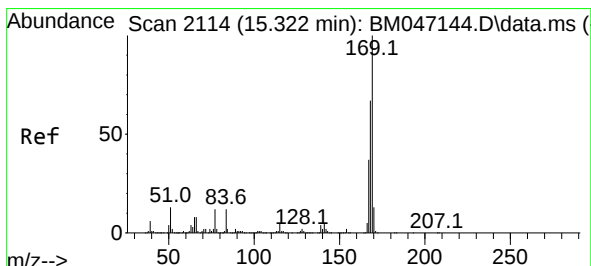
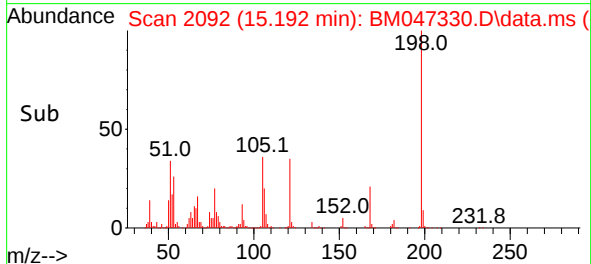
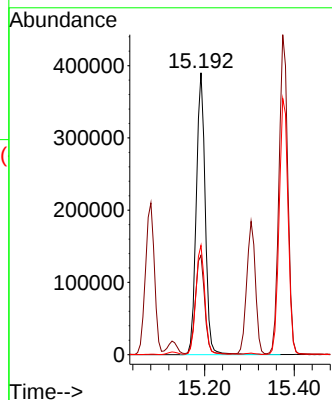
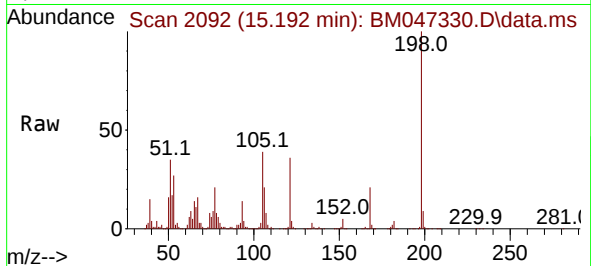




#65
4,6-Dinitro-2-methylphenol
Concen: 49.363 ng
RT: 15.192 min Scan# 2092
Delta R.T. -0.006 min
Lab File: BM047330.D
Acq: 23 Aug 2024 12:49

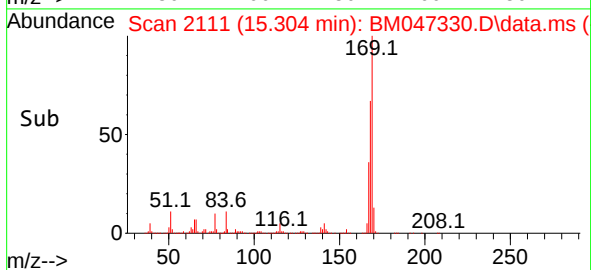
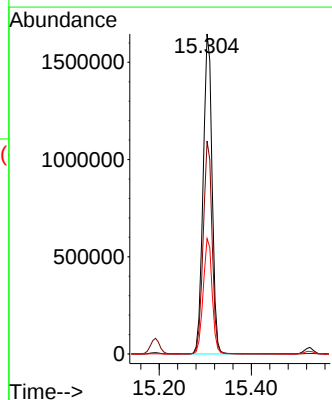
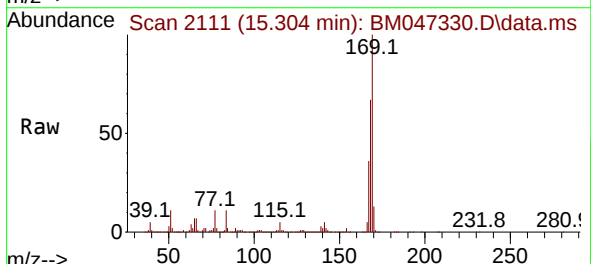
Instrument :
BNA_M
ClientSampleId :
PB162905BS

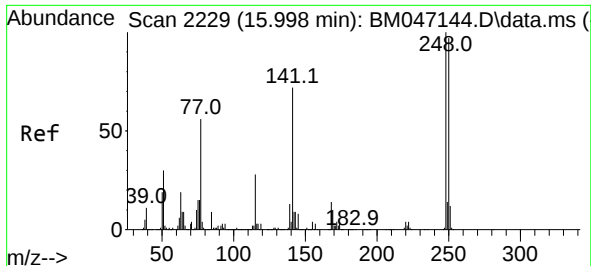
Tgt Ion:198 Resp: 539231
Ion Ratio Lower Upper
198 100
51 35.3 23.9 63.9
105 38.7 24.3 64.3



#66
n-Nitrosodiphenylamine
Concen: 43.936 ng
RT: 15.304 min Scan# 2111
Delta R.T. -0.018 min
Lab File: BM047330.D
Acq: 23 Aug 2024 12:49

Tgt Ion:169 Resp: 2232809
Ion Ratio Lower Upper
169 100
168 66.6 53.8 80.8
167 36.1 29.3 43.9

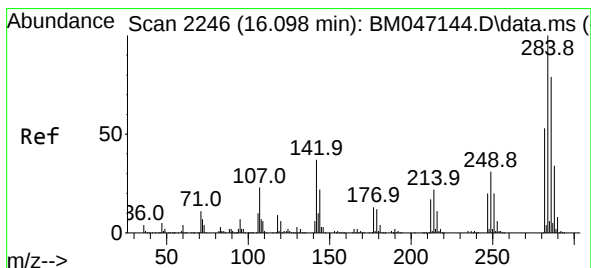
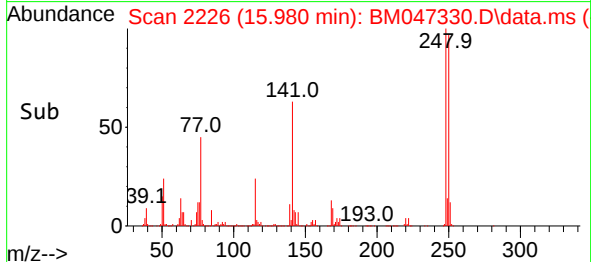
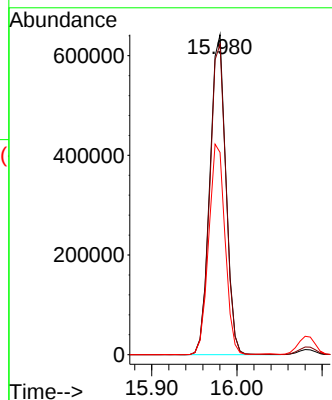
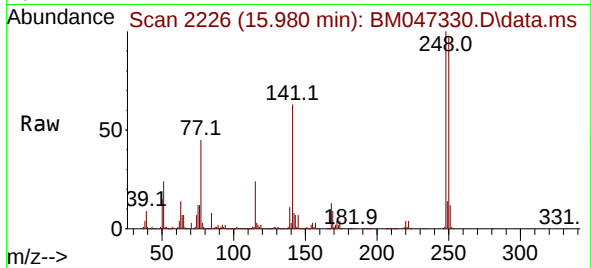




#67
4-Bromophenyl-phenylether
Concen: 46.662 ng
RT: 15.980 min Scan# 21
Delta R.T. -0.018 min
Lab File: BM047330.D
Acq: 23 Aug 2024 12:49

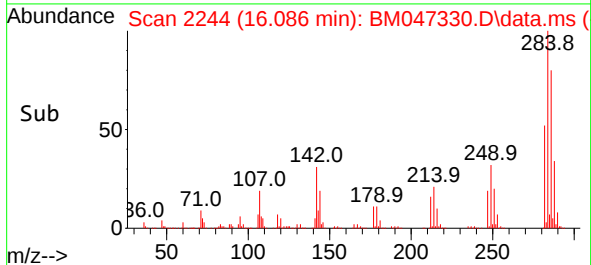
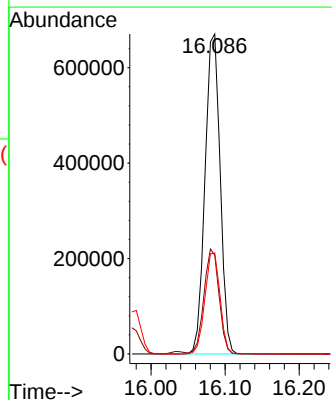
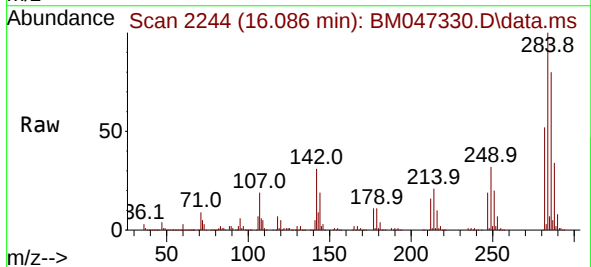
Instrument :
BNA_M
ClientSampleId :
PB162905BS

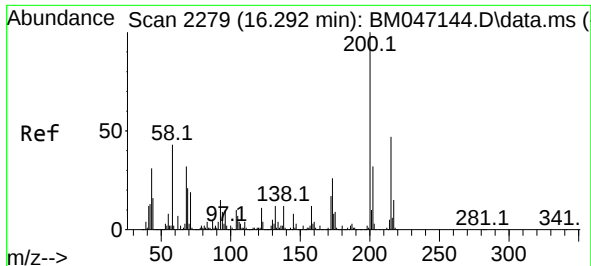
Tgt Ion:248 Resp: 838932
Ion Ratio Lower Upper
248 100
250 97.0 77.8 116.8
141 63.2 57.7 86.5



#68
Hexachlorobenzene
Concen: 44.223 ng
RT: 16.086 min Scan# 2244
Delta R.T. -0.012 min
Lab File: BM047330.D
Acq: 23 Aug 2024 12:49

Tgt Ion:284 Resp: 952242
Ion Ratio Lower Upper
284 100
142 30.8 29.4 44.0
249 31.5 25.1 37.7

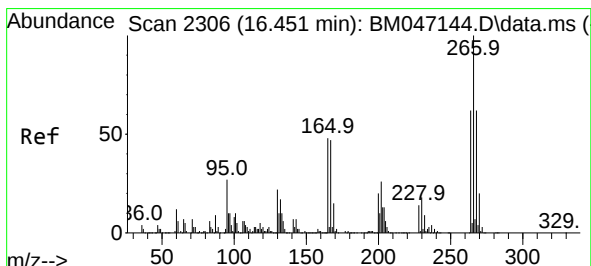
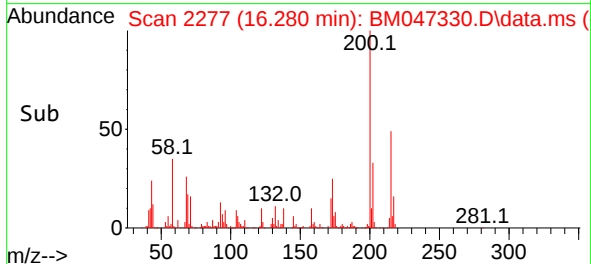
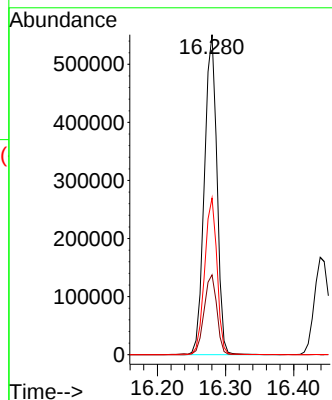
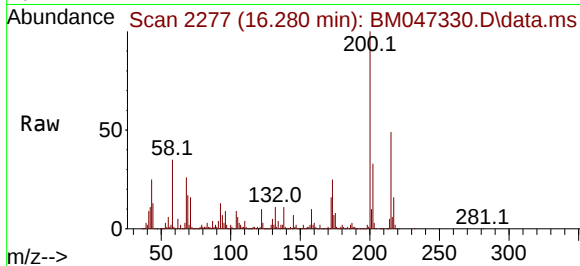




#69
 Atrazine
 Concen: 46.192 ng
 RT: 16.280 min Scan# 21
 Delta R.T. -0.012 min
 Lab File: BM047330.D
 Acq: 23 Aug 2024 12:49

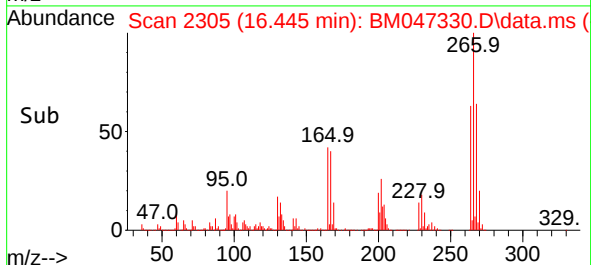
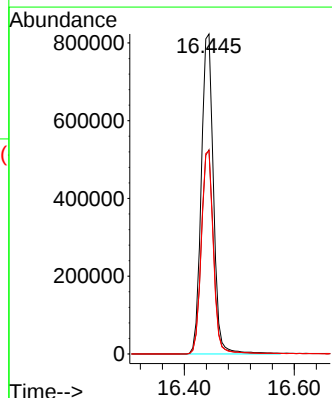
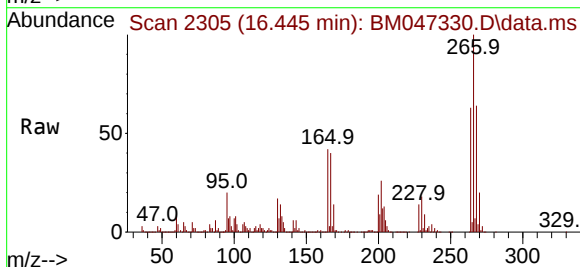
Instrument :
 BNA_M
 ClientSampleId :
 PB162905BS

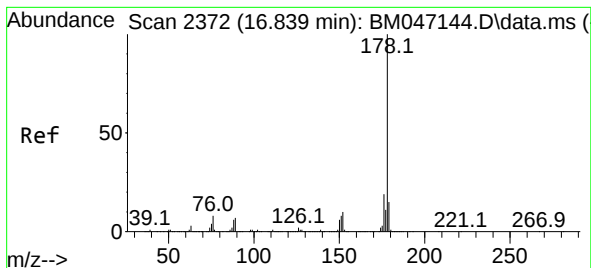
Tgt Ion:200 Resp: 706379
 Ion Ratio Lower Upper
 200 100
 173 24.9 6.1 46.1
 215 48.9 26.8 66.8



#70
 Pentachlorophenol
 Concen: 83.742 ng
 RT: 16.445 min Scan# 2305
 Delta R.T. -0.006 min
 Lab File: BM047330.D
 Acq: 23 Aug 2024 12:49

Tgt Ion:266 Resp: 1264004
 Ion Ratio Lower Upper
 266 100
 268 63.8 49.8 74.6
 264 63.4 49.6 74.4





#71

Phenanthrene

Concen: 42.959 ng

RT: 16.821 min Scan# 21

Delta R.T. -0.018 min

Lab File: BM047330.D

Acq: 23 Aug 2024 12:49

Instrument :

BNA_M

ClientSampleId :

PB162905BS

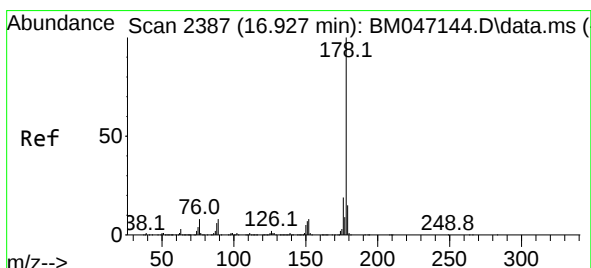
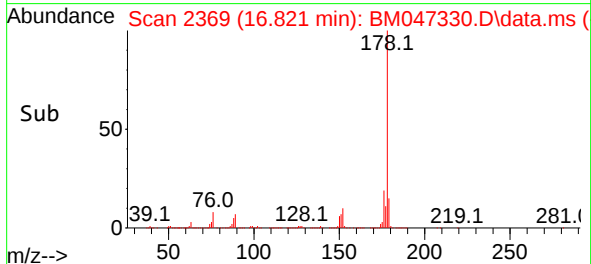
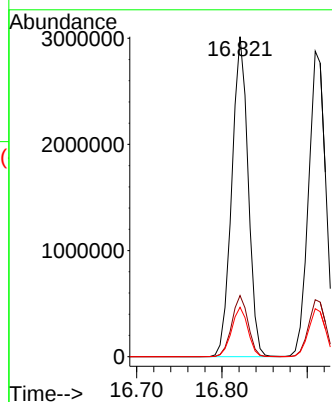
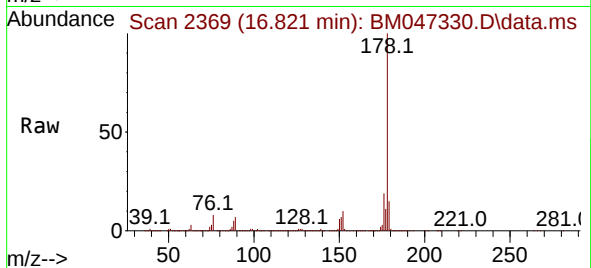
Tgt Ion:178 Resp: 4022533

Ion Ratio Lower Upper

178 100

176 19.1 15.3 22.9

179 15.5 12.4 18.6



#72

Anthracene

Concen: 44.226 ng

RT: 16.909 min Scan# 2384

Delta R.T. -0.018 min

Lab File: BM047330.D

Acq: 23 Aug 2024 12:49

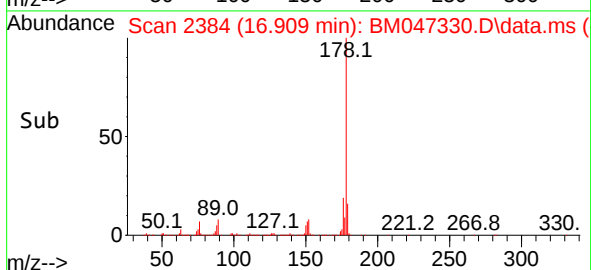
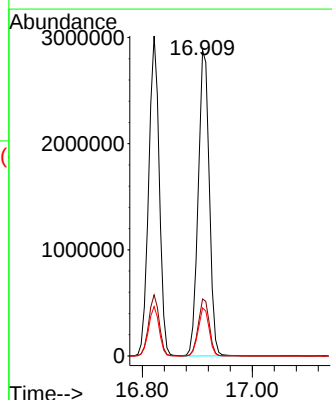
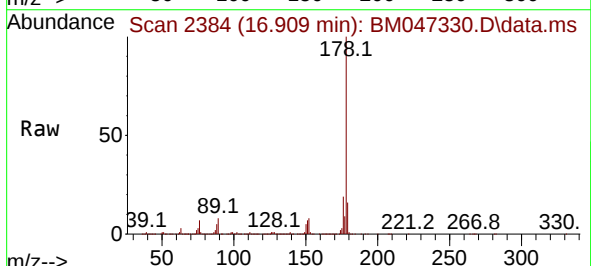
Tgt Ion:178 Resp: 4029394

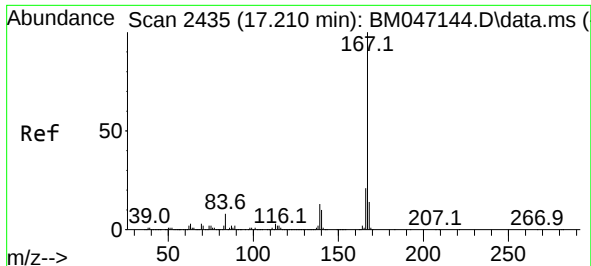
Ion Ratio Lower Upper

178 100

176 18.6 14.8 22.2

179 15.7 12.4 18.6

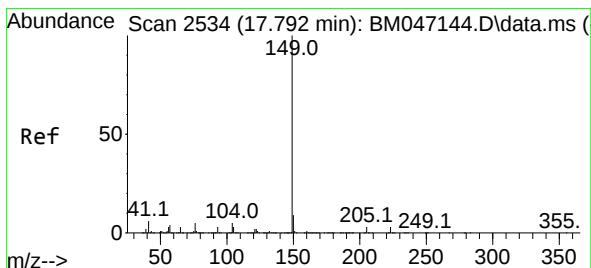
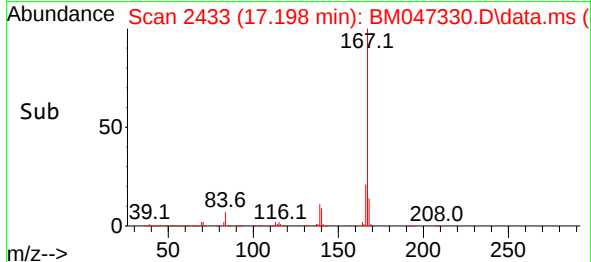
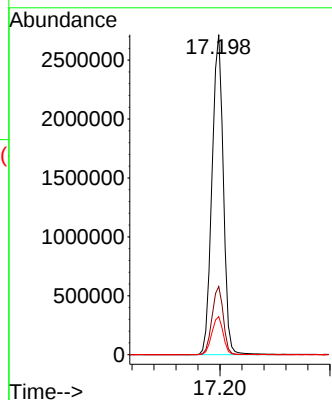
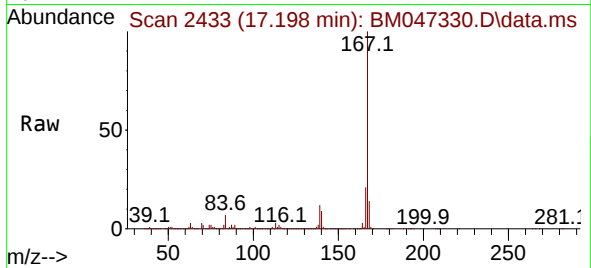




#73
 Carbazole
 Concen: 41.739 ng
 RT: 17.198 min Scan# 2435
 Delta R.T. -0.012 min
 Lab File: BM047330.D
 Acq: 23 Aug 2024 12:49

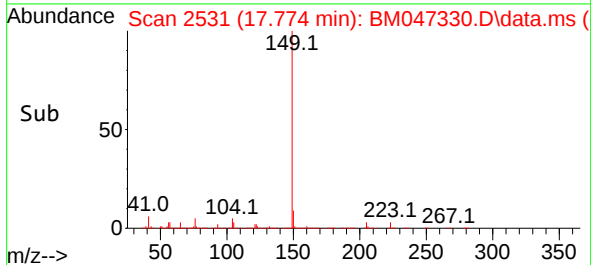
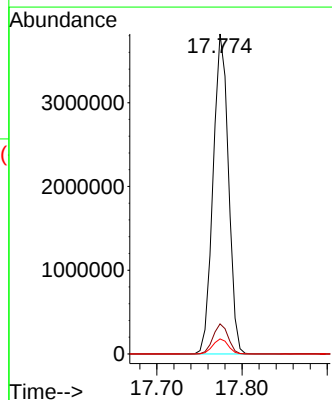
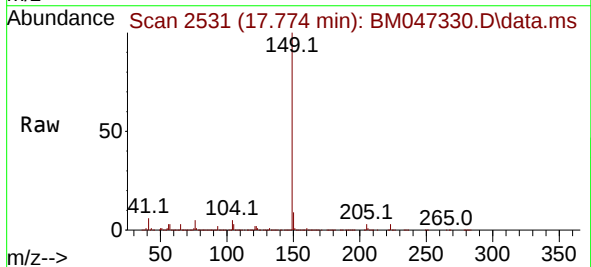
Instrument :
 BNA_M
 ClientSampleId :
 PB162905BS

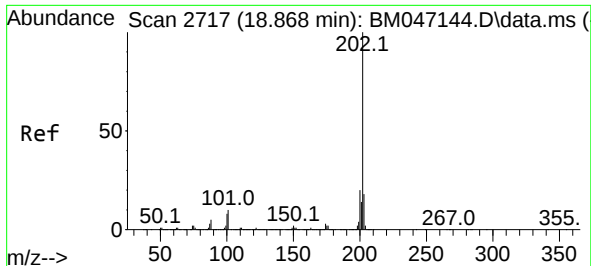
Tgt Ion:167 Resp: 3882802
 Ion Ratio Lower Upper
 167 100
 166 21.3 17.1 25.7
 139 11.9 10.0 15.0



#74
 Di-n-butylphthalate
 Concen: 44.177 ng
 RT: 17.774 min Scan# 2531
 Delta R.T. -0.018 min
 Lab File: BM047330.D
 Acq: 23 Aug 2024 12:49

Tgt Ion:149 Resp: 4781827
 Ion Ratio Lower Upper
 149 100
 150 9.4 7.5 11.3
 104 4.7 4.1 6.1

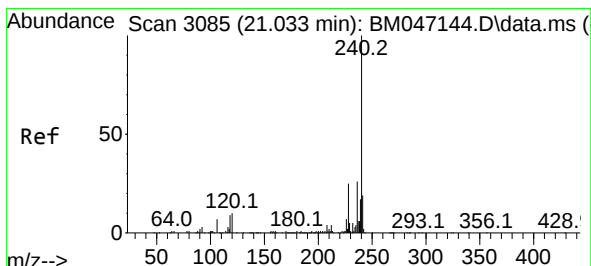
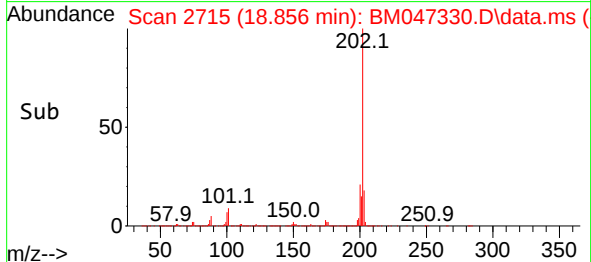
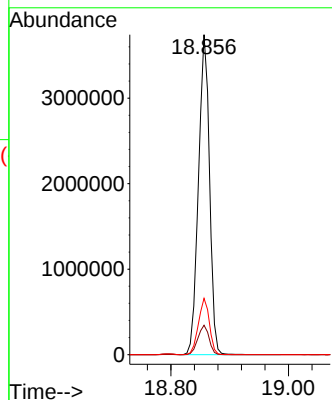
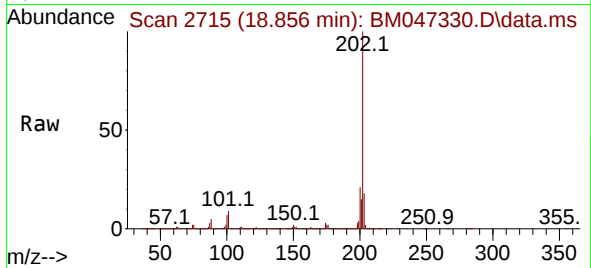




#75
Fluoranthene
Concen: 42.757 ng
RT: 18.856 min Scan# 21
Delta R.T. -0.012 min
Lab File: BM047330.D
Acq: 23 Aug 2024 12:49

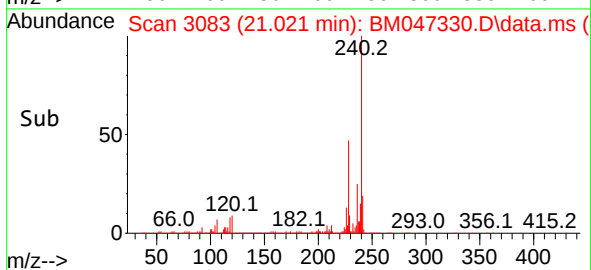
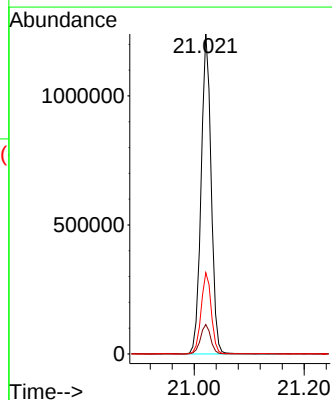
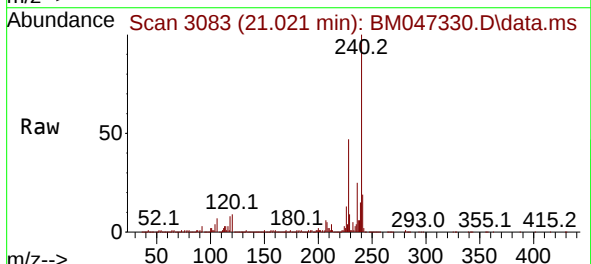
Instrument :
BNA_M
ClientSampleId :
PB162905BS

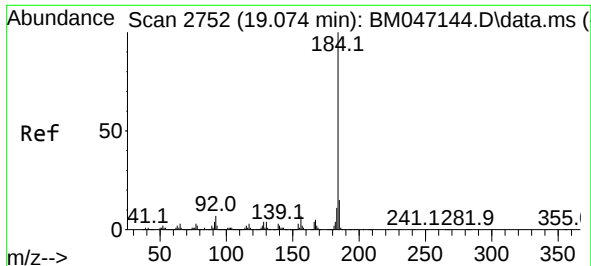
Tgt Ion:202 Resp: 4869674
Ion Ratio Lower Upper
202 100
101 9.2 0.0 30.2
203 17.6 0.0 37.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.021 min Scan# 3083
Delta R.T. -0.012 min
Lab File: BM047330.D
Acq: 23 Aug 2024 12:49

Tgt Ion:240 Resp: 1576984
Ion Ratio Lower Upper
240 100
120 9.2 8.2 12.2
236 25.4 20.6 30.8

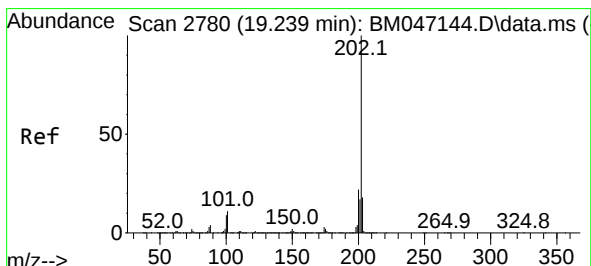
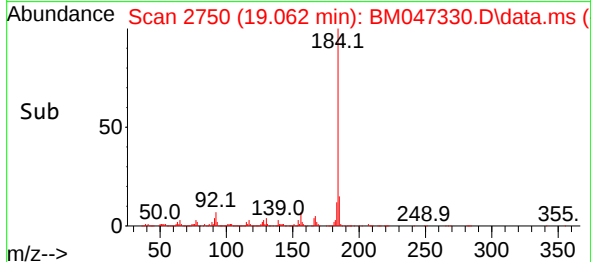
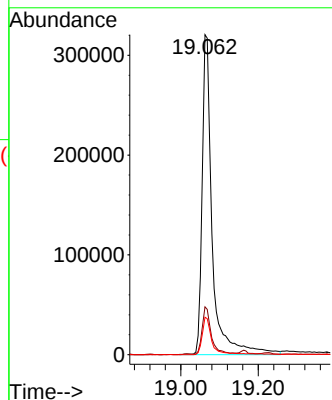
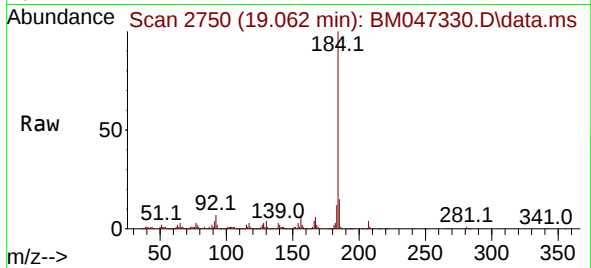




#77
Benzidine
Concen: 21.852 ng
RT: 19.062 min Scan# 21
Delta R.T. -0.012 min
Lab File: BM047330.D
Acq: 23 Aug 2024 12:49

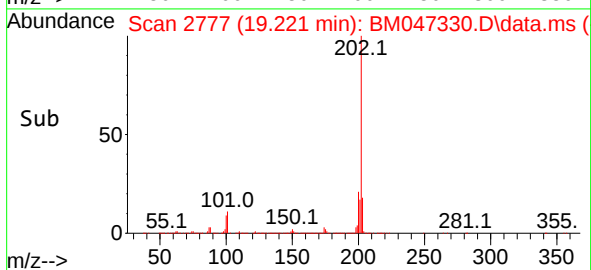
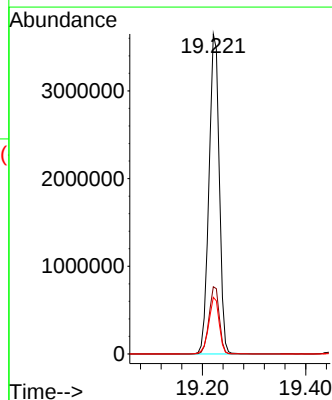
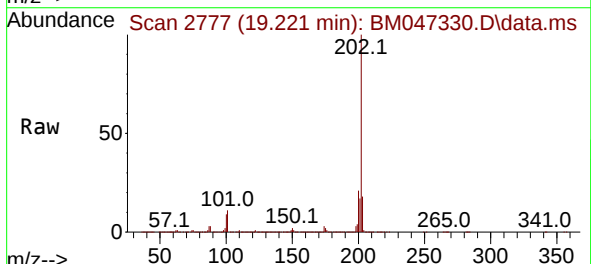
Instrument :
BNA_M
ClientSampleId :
PB162905BS

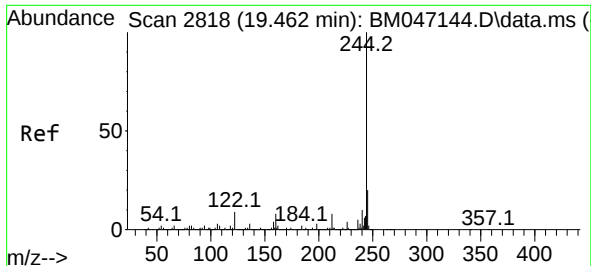
Tgt Ion:184 Resp: 584389
Ion Ratio Lower Upper
184 100
185 14.9 11.8 17.6
183 11.7 9.0 13.6



#78
Pyrene
Concen: 44.732 ng
RT: 19.221 min Scan# 2777
Delta R.T. -0.018 min
Lab File: BM047330.D
Acq: 23 Aug 2024 12:49

Tgt Ion:202 Resp: 5036853
Ion Ratio Lower Upper
202 100
200 21.0 17.2 25.8
203 17.7 14.2 21.2

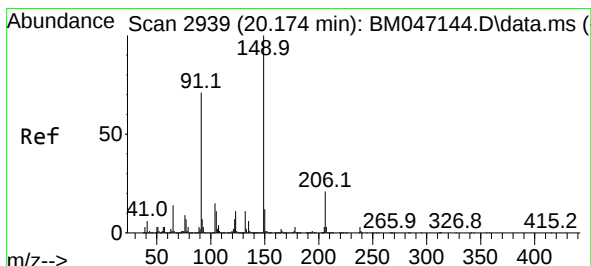
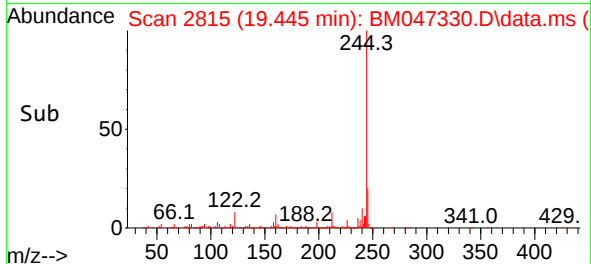
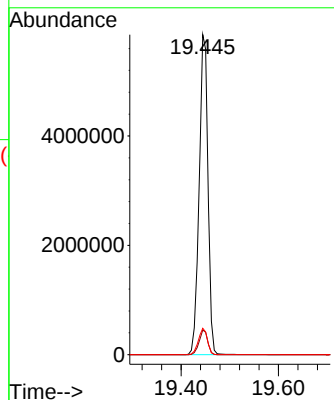
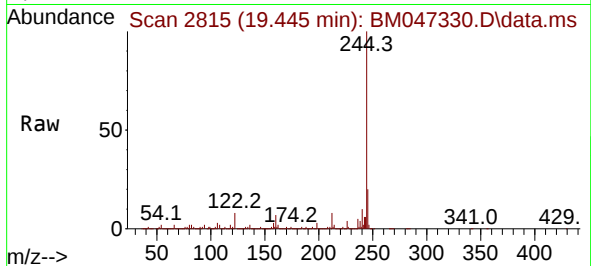




#79
 Terphenyl-d14
 Concen: 100.297 ng
 RT: 19.445 min Scan# 21
 Delta R.T. -0.018 min
 Lab File: BM047330.D
 Acq: 23 Aug 2024 12:49

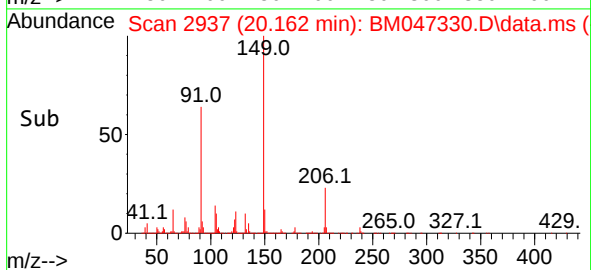
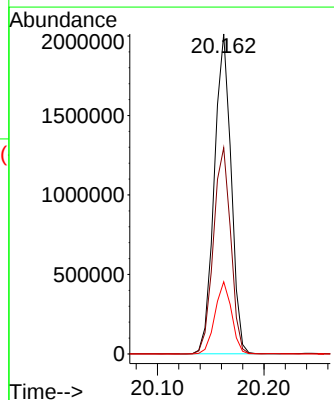
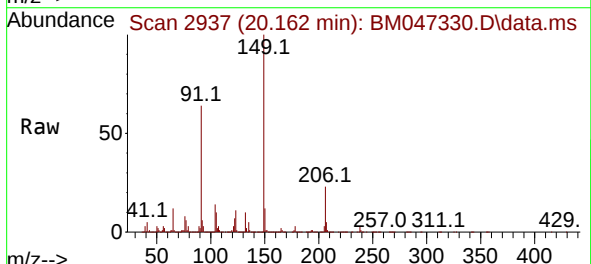
Instrument :
 BNA_M
 ClientSampleId :
 PB162905BS

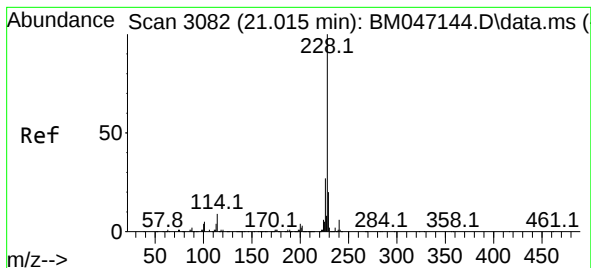
Tgt Ion:244 Resp: 7381420
 Ion Ratio Lower Upper
 244 100
 212 7.7 6.2 9.4
 122 8.3 7.1 10.7



#80
 Butylbenzylphthalate
 Concen: 47.940 ng
 RT: 20.162 min Scan# 2937
 Delta R.T. -0.012 min
 Lab File: BM047330.D
 Acq: 23 Aug 2024 12:49

Tgt Ion:149 Resp: 2202946
 Ion Ratio Lower Upper
 149 100
 91 64.5 57.0 85.4
 206 22.6 16.4 24.6





#81

Benzo(a)anthracene

Concen: 44.370 ng

RT: 21.003 min Scan# 3082

Delta R.T. -0.012 min

Lab File: BM047330.D

Acq: 23 Aug 2024 12:49

Instrument :

BNA_M

ClientSampleId :

PB162905BS

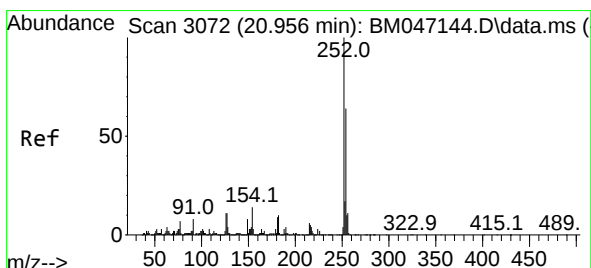
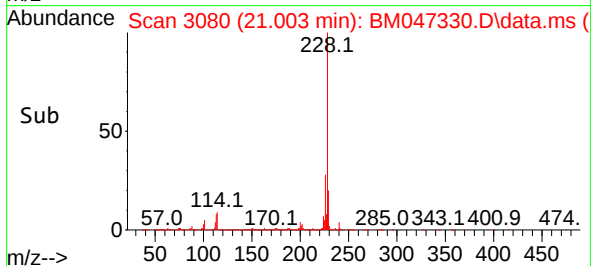
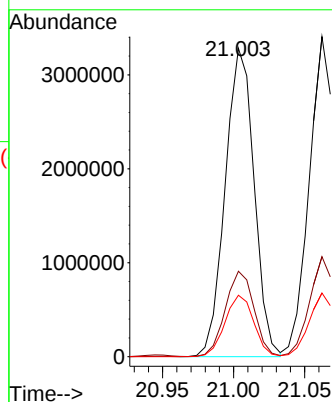
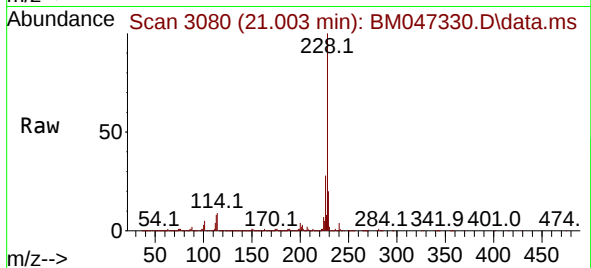
Tgt Ion:228 Resp: 4645055

Ion Ratio Lower Upper

228 100

226 27.7 21.8 32.6

229 19.9 15.8 23.8



#82

3,3'-Dichlorobenzidine

Concen: 41.636 ng

RT: 20.945 min Scan# 3070

Delta R.T. -0.012 min

Lab File: BM047330.D

Acq: 23 Aug 2024 12:49

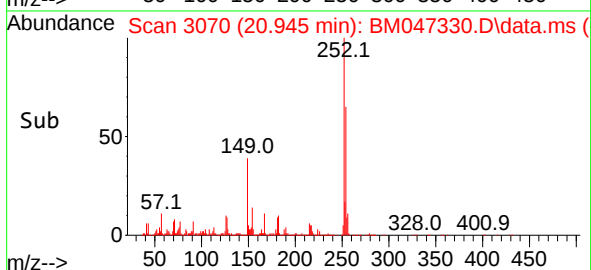
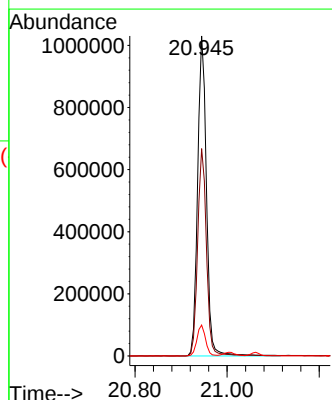
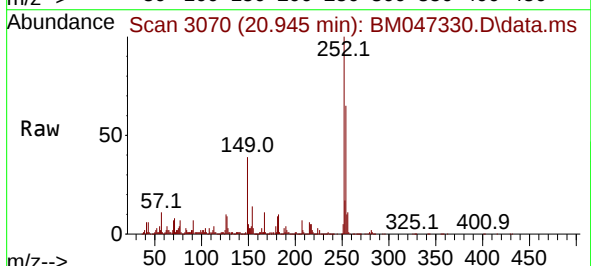
Tgt Ion:252 Resp: 1363800

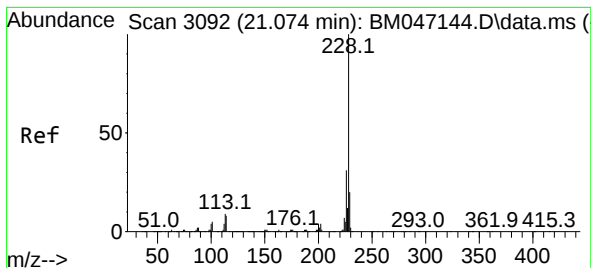
Ion Ratio Lower Upper

252 100

254 64.8 51.0 76.6

126 9.6 8.5 12.7





#83

Chrysene

Concen: 43.465 ng

RT: 21.062 min Scan# 3092

Delta R.T. -0.012 min

Lab File: BM047330.D

Acq: 23 Aug 2024 12:49

Instrument :

BNA_M

ClientSampleId :

PB162905BS

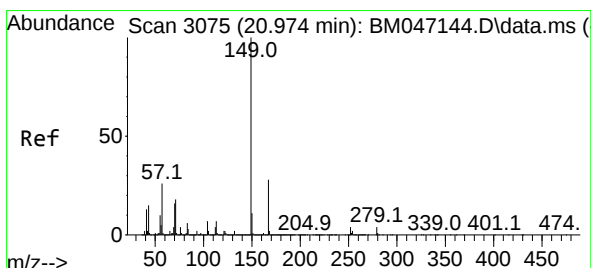
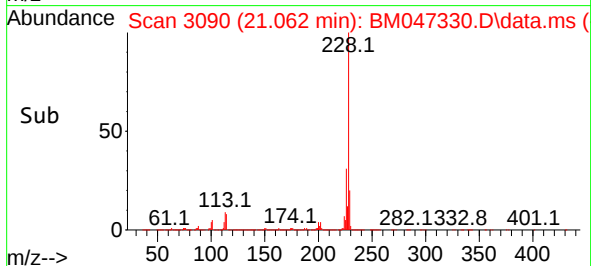
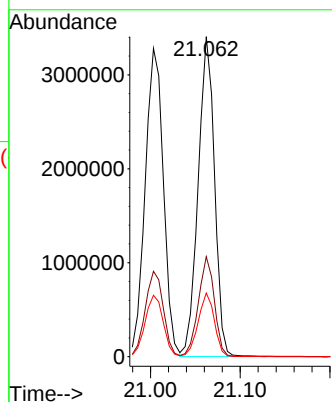
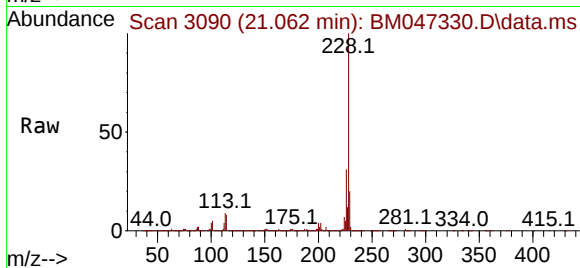
Tgt Ion:228 Resp: 4317188

Ion Ratio Lower Upper

228 100

226 31.3 24.4 36.6

229 19.9 15.7 23.5



#84

Bis(2-ethylhexyl)phthalate

Concen: 46.902 ng

RT: 20.962 min Scan# 3073

Delta R.T. -0.012 min

Lab File: BM047330.D

Acq: 23 Aug 2024 12:49

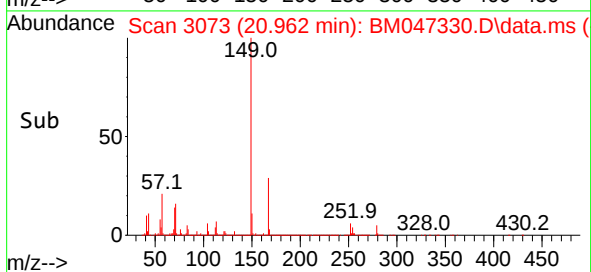
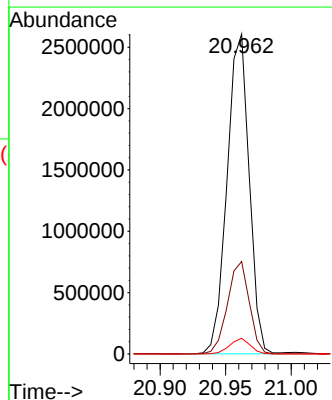
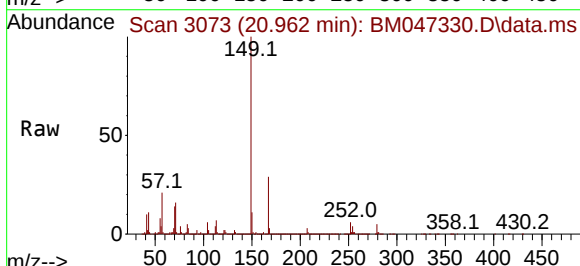
Tgt Ion:149 Resp: 3056505

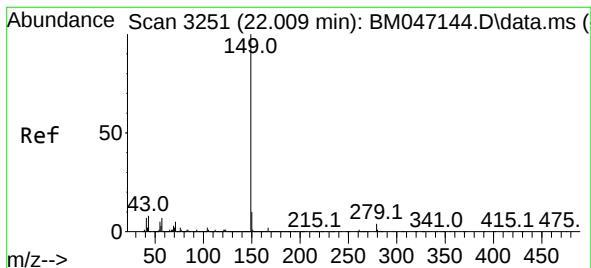
Ion Ratio Lower Upper

149 100

167 28.9 22.2 33.2

279 4.9 3.0 4.4#





#85

Di-n-octyl phthalate

Concen: 48.564 ng

RT: 21.986 min Scan# 31

Delta R.T. -0.024 min

Lab File: BM047330.D

Acq: 23 Aug 2024 12:49

Instrument :

BNA_M

ClientSampleId :

PB162905BS

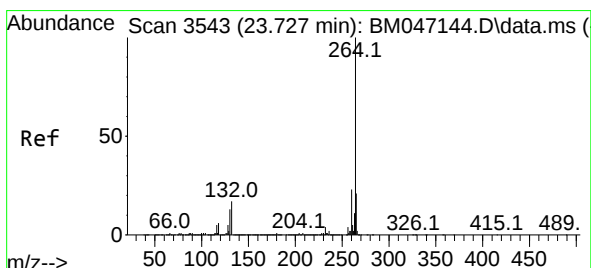
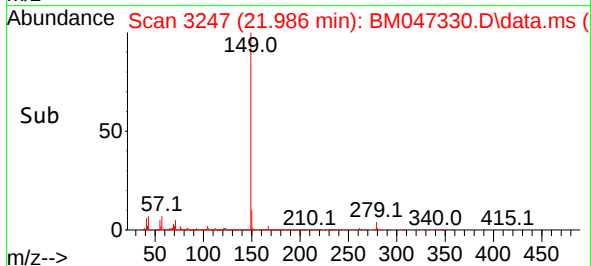
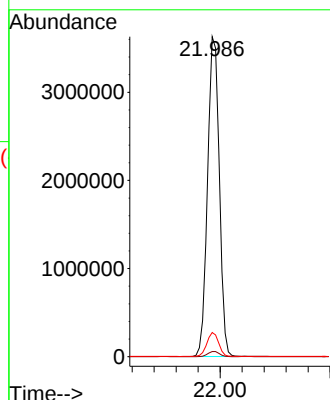
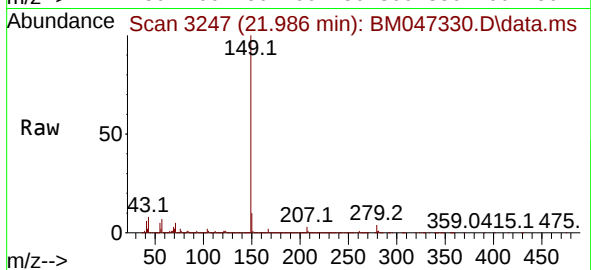
Tgt Ion:149 Resp: 5379315

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 7.5 6.9 10.3



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.709 min Scan# 3540

Delta R.T. -0.018 min

Lab File: BM047330.D

Acq: 23 Aug 2024 12:49

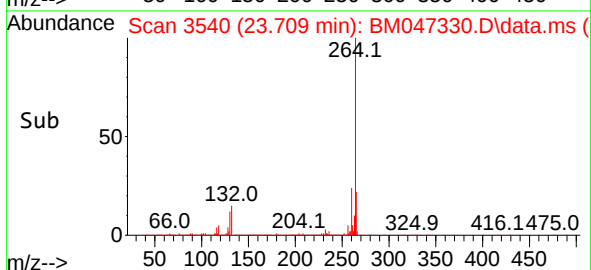
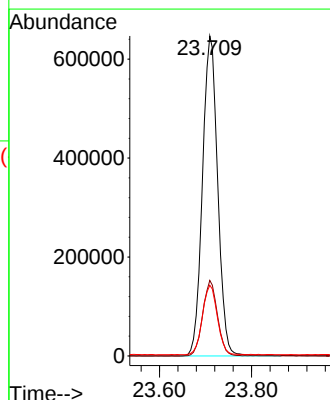
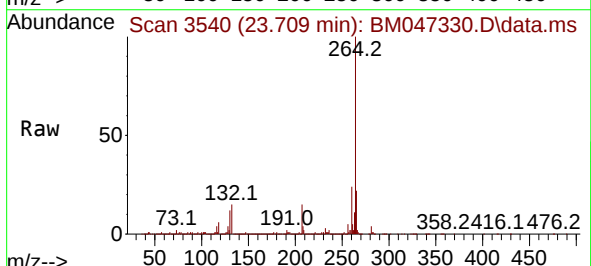
Tgt Ion:264 Resp: 1490911

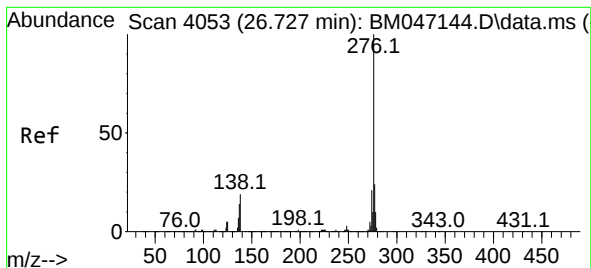
Ion Ratio Lower Upper

264 100

260 23.6 18.5 27.7

265 22.1 17.3 25.9





#87

Indeno(1,2,3-cd)pyrene

Concen: 43.966 ng

RT: 26.709 min Scan# 4053

Delta R.T. -0.018 min

Lab File: BM047330.D

Acq: 23 Aug 2024 12:49

Instrument :

BNA_M

ClientSampleId :

PB162905BS

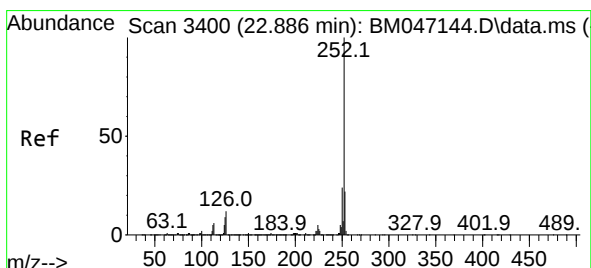
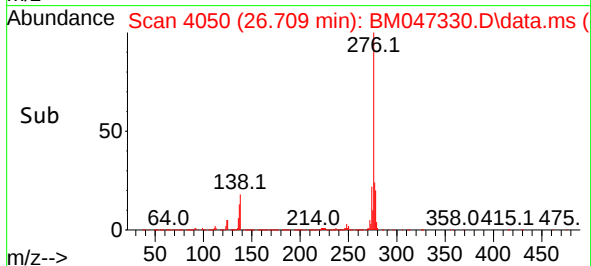
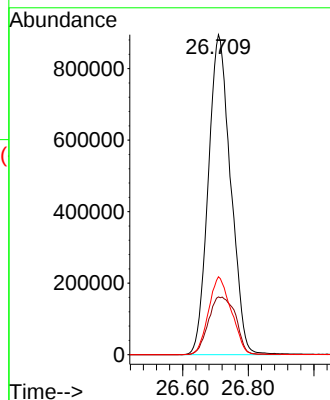
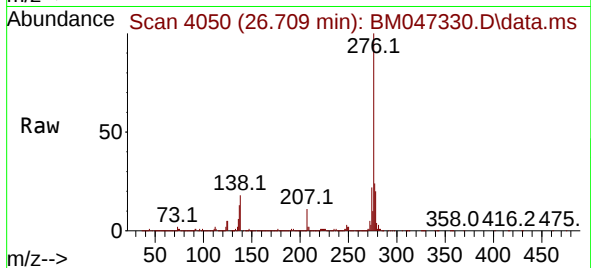
Tgt Ion:276 Resp: 4237012

Ion Ratio Lower Upper

276 100

138 22.0 19.4 29.0

277 24.8 20.1 30.1



#88

Benzo(b)fluoranthene

Concen: 50.552 ng

RT: 22.874 min Scan# 3398

Delta R.T. -0.012 min

Lab File: BM047330.D

Acq: 23 Aug 2024 12:49

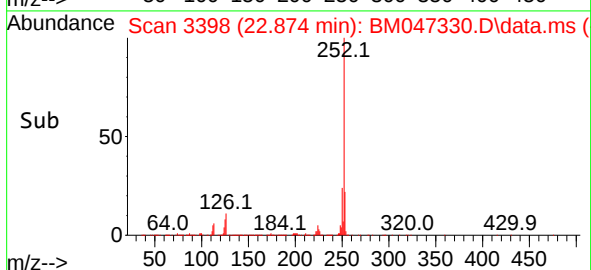
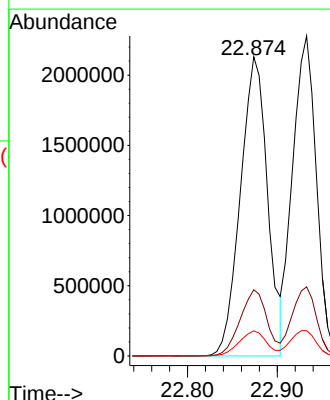
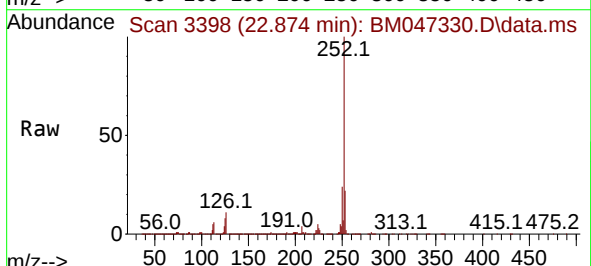
Tgt Ion:252 Resp: 4475863

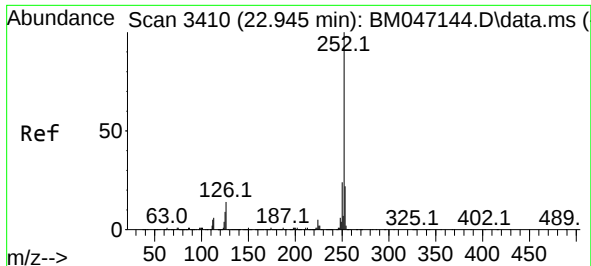
Ion Ratio Lower Upper

252 100

253 22.2 17.8 26.6

125 8.4 7.4 11.0

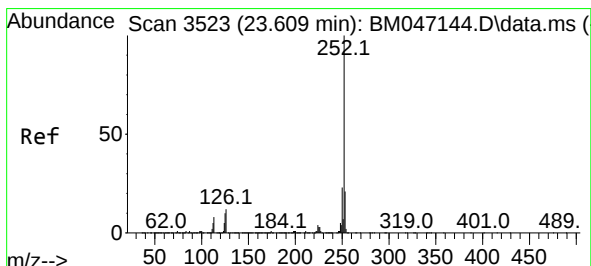
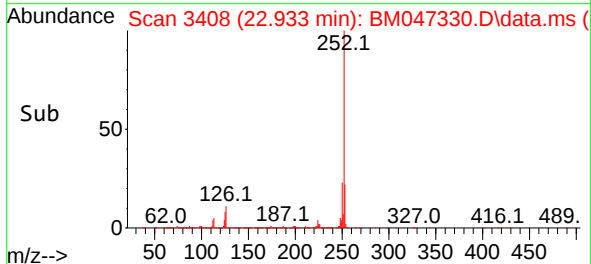
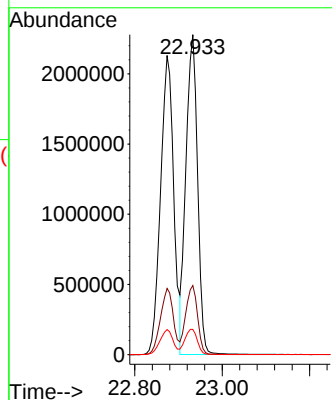
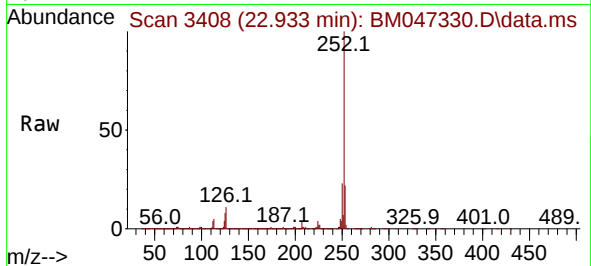




#89
Benzo(k)fluoranthene
Concen: 50.178 ng
RT: 22.933 min Scan# 3410
Delta R.T. -0.012 min
Lab File: BM047330.D
Acq: 23 Aug 2024 12:49

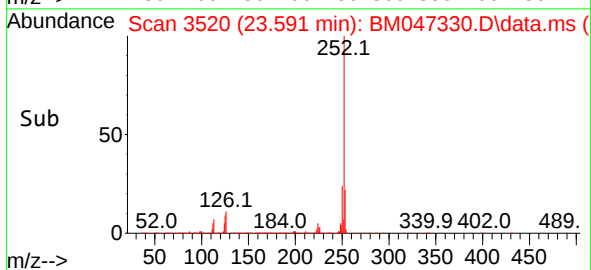
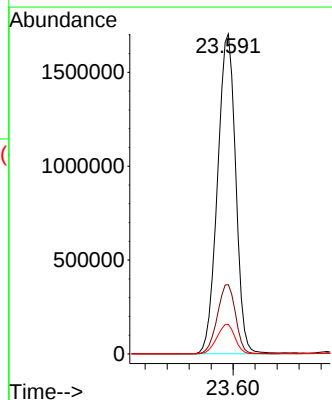
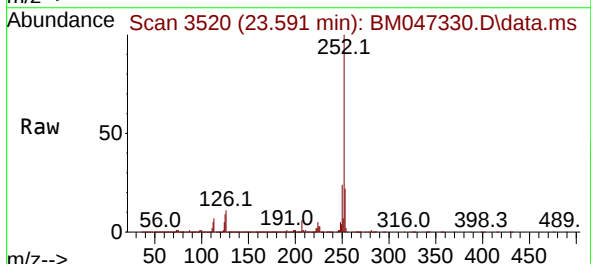
Instrument :
BNA_M
ClientSampleId :
PB162905BS

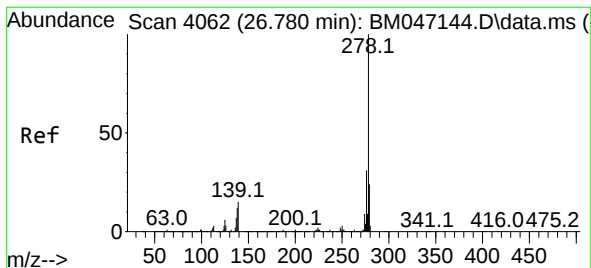
Tgt Ion:252 Resp: 4196373
Ion Ratio Lower Upper
252 100
253 21.6 17.7 26.5
125 7.9 7.4 11.2



#90
Benzo(a)pyrene
Concen: 50.948 ng
RT: 23.591 min Scan# 3520
Delta R.T. -0.018 min
Lab File: BM047330.D
Acq: 23 Aug 2024 12:49

Tgt Ion:252 Resp: 3907679
Ion Ratio Lower Upper
252 100
253 21.6 17.1 25.7
125 9.2 8.2 12.2





#91

Dibenzo(a,h)anthracene

Concen: 43.847 ng

RT: 26.756 min Scan# 40

Delta R.T. -0.024 min

Lab File: BM047330.D

Acq: 23 Aug 2024 12:49

Instrument :

BNA_M

ClientSampleId :

PB162905BS

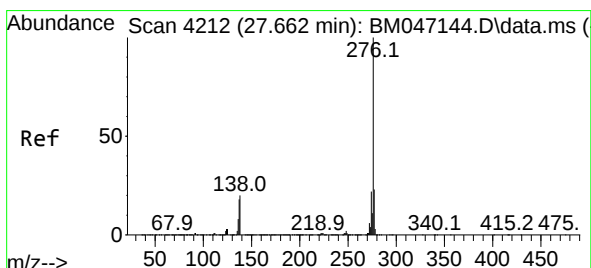
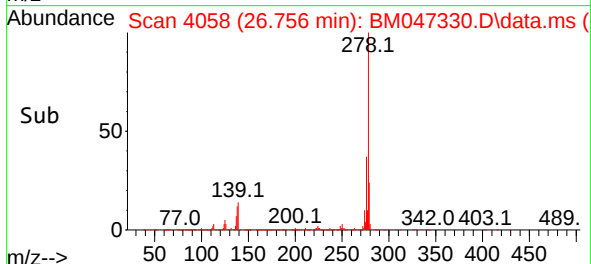
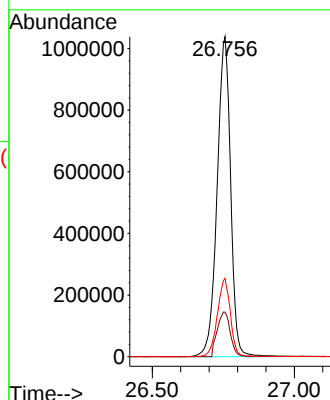
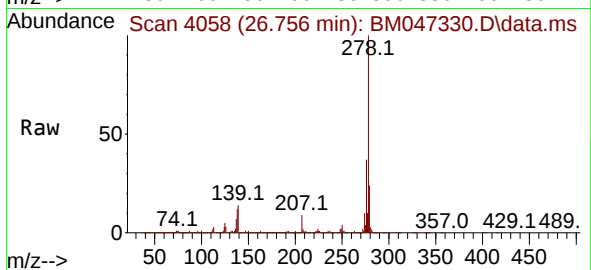
Tgt Ion:278 Resp: 3419577

Ion Ratio Lower Upper

278 100

139 13.9 12.0 18.0

279 24.4 19.2 28.8



#92

Benzo(g,h,i)perylene

Concen: 40.560 ng

RT: 27.638 min Scan# 4208

Delta R.T. -0.024 min

Lab File: BM047330.D

Acq: 23 Aug 2024 12:49

Tgt Ion:276 Resp: 3284266

Ion Ratio Lower Upper

276 100

277 23.7 18.8 28.2

138 19.1 16.2 24.4

