

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081624\
 Data File : BM047229.D
 Acq On : 16 Aug 2024 11:07
 Operator : RC/JU
 Sample : PB162754BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB162754BS

Quant Time: Aug 16 12:00:16 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	7.363	152	347663	20.000	ng	-0.01
21) Naphthalene-d8	10.122	136	1225481	20.000	ng	-0.01
39) Acenaphthene-d10	14.022	164	688826	20.000	ng	-0.01
64) Phenanthrene-d10	16.786	188	1226170	20.000	ng	0.00
76) Chrysene-d12	21.027	240	924825	20.000	ng	0.00
86) Perylene-d12	23.715	264	1166129	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.022	112	2361184	121.355	ng	0.00
7) Phenol-d6	6.581	99	2893959	107.944	ng	0.00
23) Nitrobenzene-d5	8.516	82	1942601	79.819	ng	0.00
42) 2,4,6-Tribromophenol	15.533	330	929570	116.385	ng	0.00
45) 2-Fluorobiphenyl	12.633	172	3978693	89.097	ng	-0.01
79) Terphenyl-d14	19.451	244	4461207	103.364	ng	-0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.034	88	258436	32.057	ng	98
3) Pyridine	3.405	79	677075	28.641	ng	98
4) n-Nitrosodimethylamine	3.322	42	413536	40.040	ng	98
6) Aniline	6.716	93	681572	26.897	ng	98
8) 2-Chlorophenol	6.940	128	957564	45.123	ng	99
9) Benzaldehyde	6.528	77	355606	21.054	ng	100
10) Phenol	6.610	94	1077852	40.291	ng	98
11) bis(2-Chloroethyl)ether	6.816	93	945558	41.274	ng	98
12) 1,3-Dichlorobenzene	7.251	146	1089013	43.185	ng	98
13) 1,4-Dichlorobenzene	7.398	146	1100307	43.095	ng	99
14) 1,2-Dichlorobenzene	7.704	146	1053332	43.724	ng	99
15) Benzyl Alcohol	7.616	79	815873	42.759	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.887	45	1210978	41.194	ng	99
17) 2-Methylphenol	7.828	107	722092	40.460	ng	98
18) Hexachloroethane	8.416	117	424168	42.888	ng	97
19) n-Nitroso-di-n-propyla...	8.175	70	664026	36.770	ng	99
20) 3+4-Methylphenols	8.157	107	966663	38.743	ng	98
22) Acetophenone	8.187	105	1189823	40.222	ng	99
24) Nitrobenzene	8.557	77	1025219	41.834	ng	97
25) Isophorone	9.081	82	1800244	42.483	ng	99
26) 2-Nitrophenol	9.251	139	520954	48.000	ng	98
27) 2,4-Dimethylphenol	9.334	122	618403	48.643	ng	99
28) bis(2-Chloroethoxy)met...	9.563	93	1160850	43.536	ng	100
29) 2,4-Dichlorophenol	9.787	162	874779	46.374	ng	99
30) 1,2,4-Trichlorobenzene	9.987	180	1008132	47.225	ng	99
31) Naphthalene	10.169	128	2644875	43.324	ng	99
32) Benzoic acid	9.516	122	552797	37.426	ng	96
33) 4-Chloroaniline	10.298	127	487096	20.748	ng	99
34) Hexachlorobutadiene	10.451	225	615808	49.285	ng	100
35) Caprolactam	11.098	113	177711	27.128	ng	97
36) 4-Chloro-3-methylphenol	11.445	107	787603	39.205	ng	99
37) 2-Methylnaphthalene	11.798	142	1805130	41.529	ng	99
38) 1-Methylnaphthalene	12.022	142	1668818	38.847	ng	99
40) 1,2,4,5-Tetrachloroben...	12.181	216	926068	49.290	ng	99
41) Hexachlorocyclopentadiene	12.151	237	904279	137.836	ng	97
43) 2,4,6-Trichlorophenol	12.439	196	668680	50.074	ng	100

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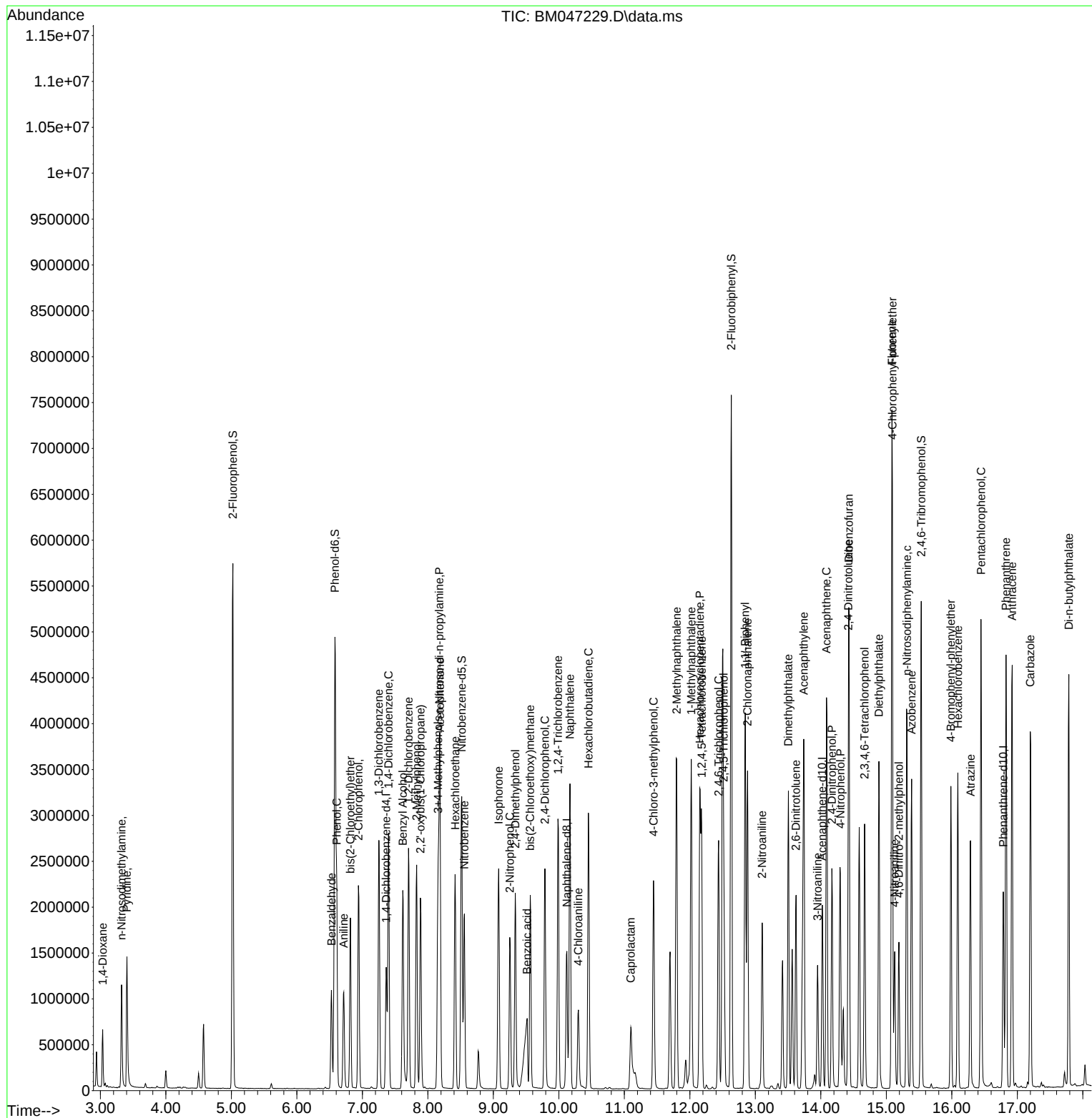
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.516	196	643602	43.408	ng	98
46) 1,1'-Biphenyl	12.845	154	2098225	42.787	ng	99
47) 2-Chloronaphthalene	12.880	162	1736515	45.306	ng	98
48) 2-Nitroaniline	13.104	65	497281	41.413	ng	99
49) Acenaphthylene	13.739	152	2672273	47.299	ng	99
50) Dimethylphthalate	13.504	163	2054116	42.698	ng	100
51) 2,6-Dinitrotoluene	13.622	165	456167	40.563	ng	92
52) Acenaphthene	14.086	154	1552324	43.315	ng	100
53) 3-Nitroaniline	13.951	138	329124	29.206	ng	99
54) 2,4-Dinitrophenol	14.169	184	532957	79.071	ng	95
55) Dibenzofuran	14.427	168	2460795	43.471	ng	99
56) 4-Nitrophenol	14.298	139	707436	72.802	ng	98
57) 2,4-Dinitrotoluene	14.422	165	592233	39.454	ng	98
58) Fluorene	15.086	166	1929510	41.310	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.669	232	544397	44.675	ng	95
60) Diethylphthalate	14.886	149	1977331	40.249	ng	99
61) 4-Chlorophenyl-phenyle...	15.092	204	957159	43.044	ng	96
62) 4-Nitroaniline	15.127	138	377459	34.000	ng	98
63) Azobenzene	15.386	77	1867546	40.093	ng	97
65) 4,6-Dinitro-2-methylph...	15.192	198	349137	48.633	ng	93
66) n-Nitrosodiphenylamine	15.316	169	1633698	48.916	ng	99
67) 4-Bromophenyl-phenylether	15.986	248	597405	50.561	ng	99
68) Hexachlorobenzene	16.092	284	684847	48.396	ng	96
69) Atrazine	16.286	200	488747	48.632	ng	99
70) Pentachlorophenol	16.445	266	849159	85.604	ng	99
71) Phenanthrene	16.827	178	2798487	45.477	ng	100
72) Anthracene	16.921	178	2817787	47.060	ng	100
73) Carbazole	17.198	167	2536421	41.489	ng	99
74) Di-n-butylphthalate	17.786	149	3195659	44.924	ng	99
75) Fluoranthene	18.862	202	3030759	40.492	ng	99
77) Benzidine	19.068	184	705995	45.015	ng	99
78) Pyrene	19.227	202	3132040	47.430	ng	99
80) Butylbenzylphthalate	20.168	149	1337162	49.618	ng	96
81) Benzo(a)anthracene	21.009	228	2936288	47.826	ng	100
82) 3,3'-Dichlorobenzidine	20.951	252	914584	47.611	ng	98
83) Chrysene	21.062	228	2749477	47.201	ng	99
84) Bis(2-ethylhexyl)phtha...	20.968	149	1901034	49.742	ng	99
85) Di-n-octyl phthalate	21.997	149	3292944	50.692	ng	99
87) Indeno(1,2,3-cd)pyrene	26.715	276	4396180	58.323	ng	99
88) Benzo(b)fluoranthene	22.880	252	3231937	46.669	ng	100
89) Benzo(k)fluoranthene	22.933	252	3218611	49.206	ng	99
90) Benzo(a)pyrene	23.597	252	3173785	52.905	ng	99
91) Dibenzo(a,h)anthracene	26.768	278	3508858	57.522	ng	100
92) Benzo(g,h,i)perylene	27.644	276	3554917	56.130	ng	99

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

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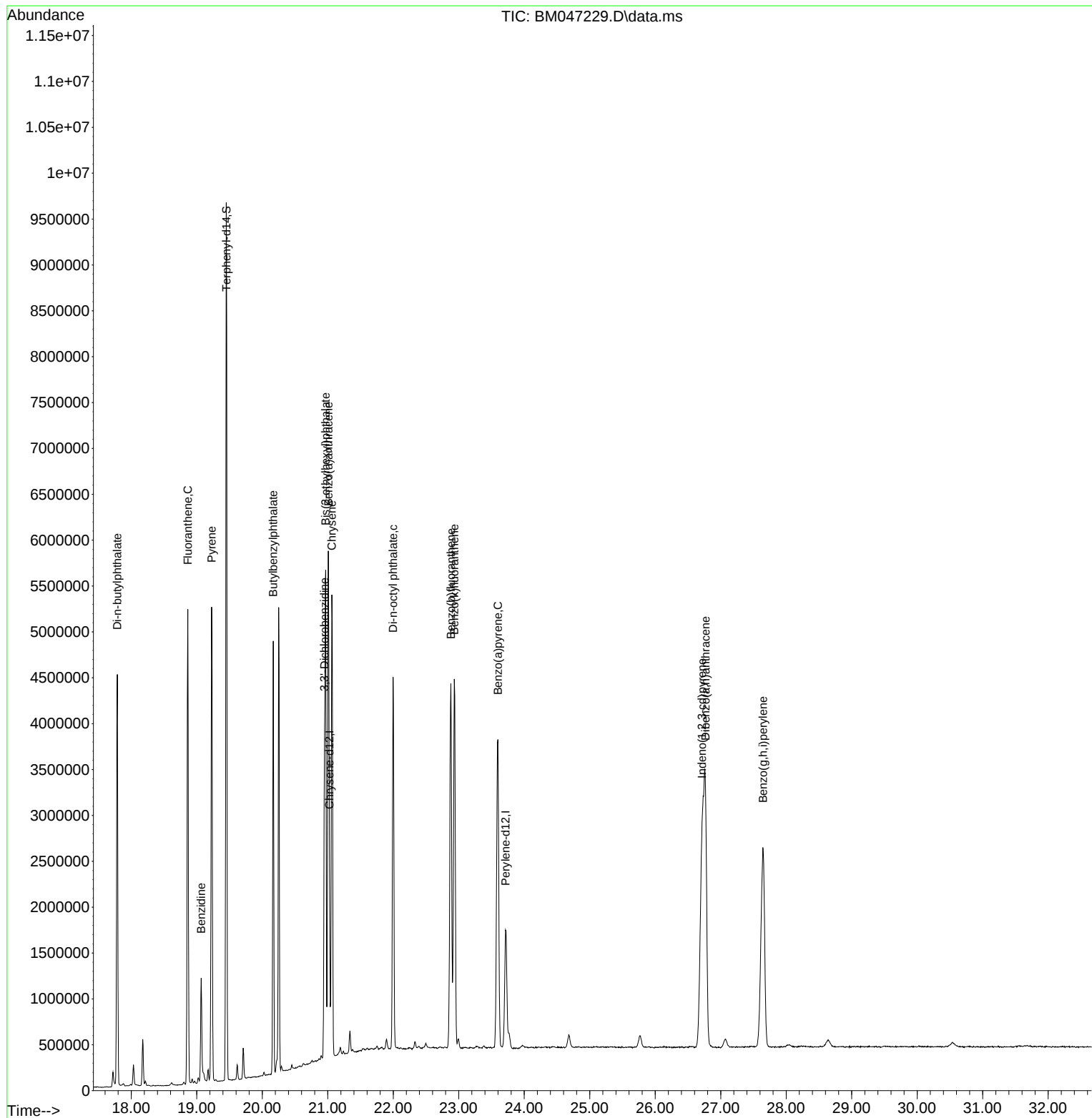
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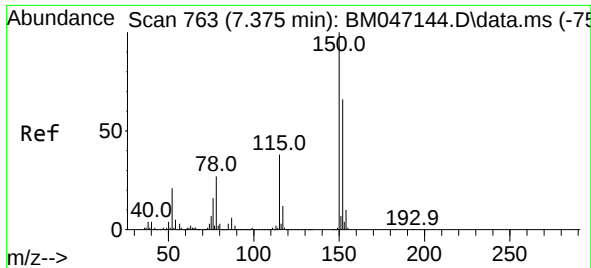


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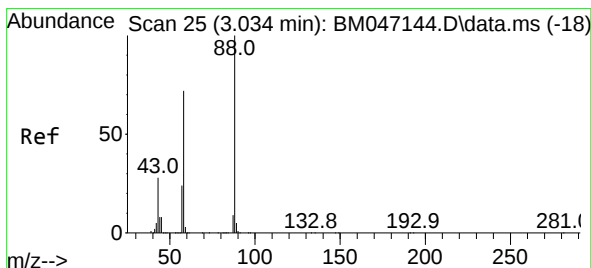
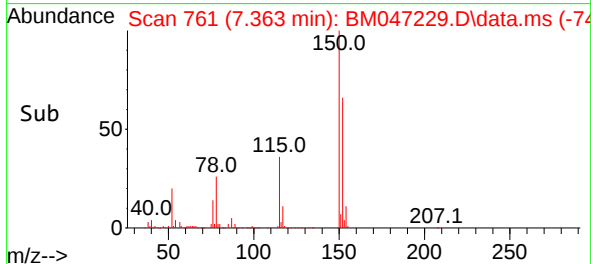
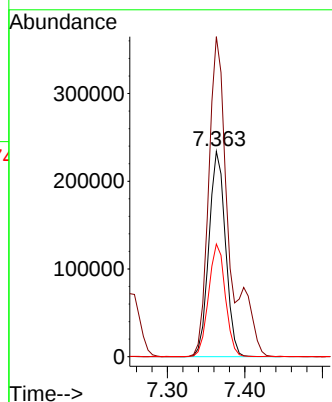
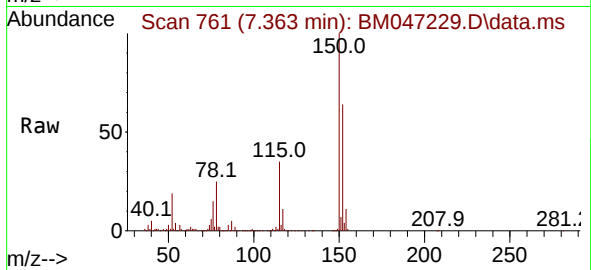




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.363 min Scan# 70
 Delta R.T. -0.012 min
 Lab File: BM047229.D
 Acq: 16 Aug 2024 11:07

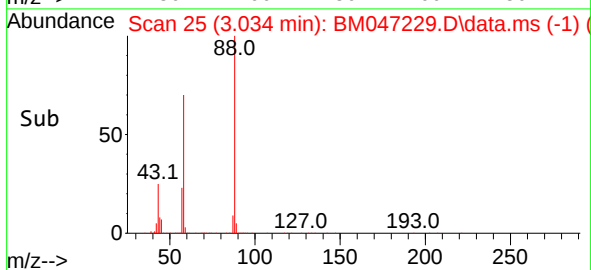
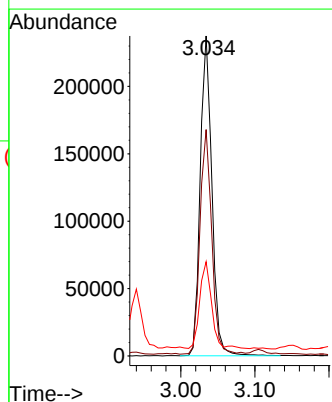
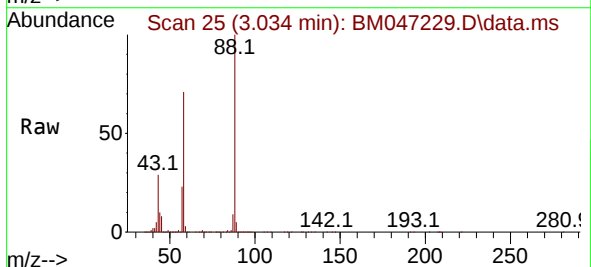
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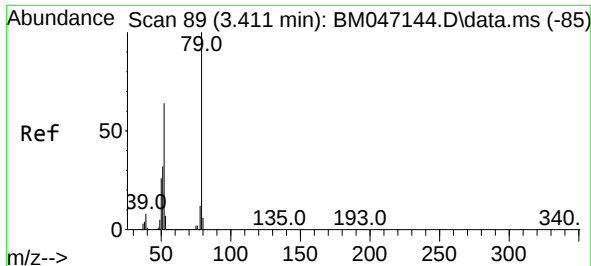
Tgt Ion:152 Resp: 347663
 Ion Ratio Lower Upper
 152 100
 150 155.9 120.5 180.7
 115 54.9 45.5 68.3



#2
 1,4-Dioxane
 Concen: 32.057 ng
 RT: 3.034 min Scan# 25
 Delta R.T. -0.000 min
 Lab File: BM047229.D
 Acq: 16 Aug 2024 11:07

Tgt Ion: 88 Resp: 258436
 Ion Ratio Lower Upper
 88 100
 58 71.0 58.2 87.4
 43 27.7 22.5 33.7

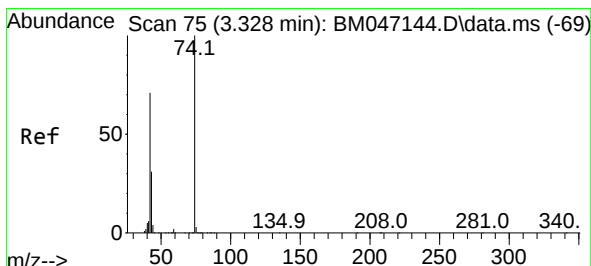
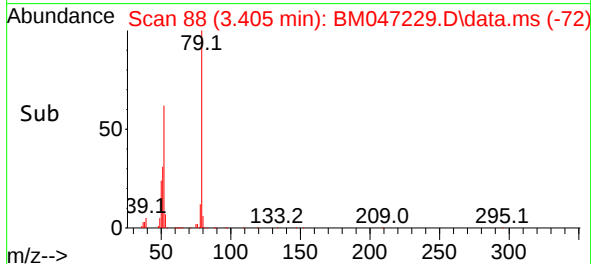
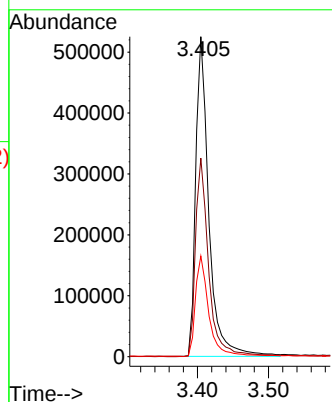
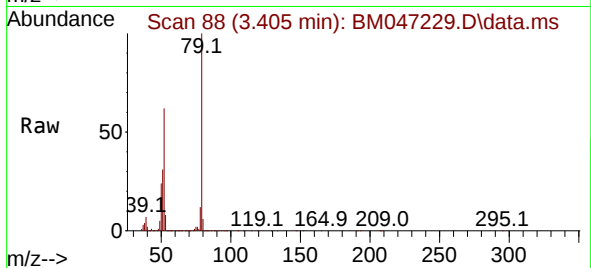




#3
Pyridine
Concen: 28.641 ng
RT: 3.405 min Scan# 89
Delta R.T. -0.006 min
Lab File: BM047229.D
Acq: 16 Aug 2024 11:07

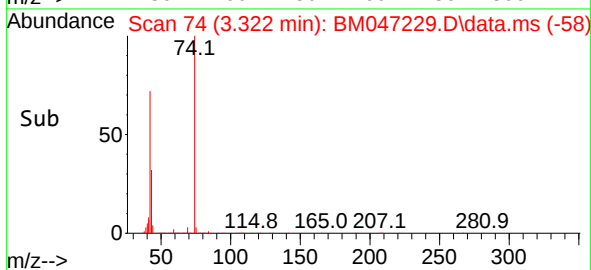
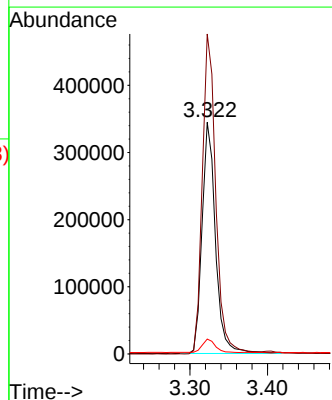
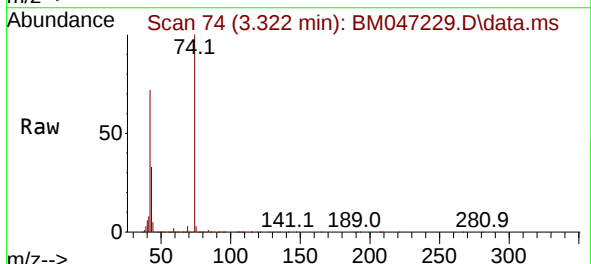
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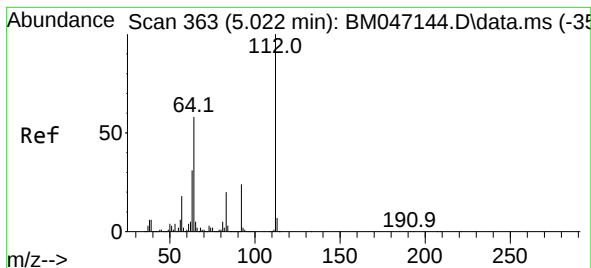
Tgt Ion: 79 Resp: 677075
Ion Ratio Lower Upper
79 100
52 62.0 51.2 76.8
51 31.5 26.1 39.1



#4
n-Nitrosodimethylamine
Concen: 40.040 ng
RT: 3.322 min Scan# 74
Delta R.T. -0.006 min
Lab File: BM047229.D
Acq: 16 Aug 2024 11:07

Tgt Ion: 42 Resp: 413536
Ion Ratio Lower Upper
42 100
74 138.2 112.9 169.3
44 6.4 5.3 7.9





#5

2-Fluorophenol

Concen: 121.355 ng

RT: 5.022 min Scan# 3

Delta R.T. -0.000 min

Lab File: BM047229.D

Acq: 16 Aug 2024 11:07

Instrument :

BNA_M

ClientSampleId :

PB162754BS

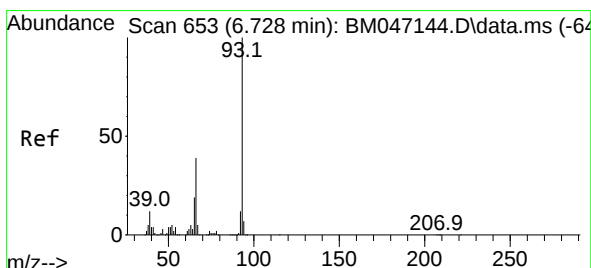
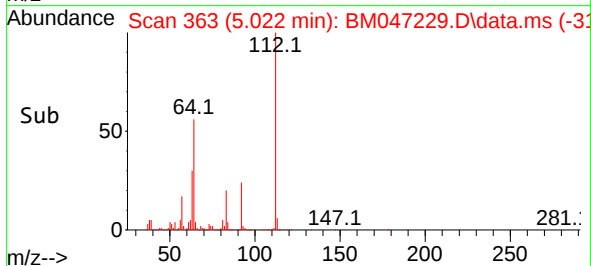
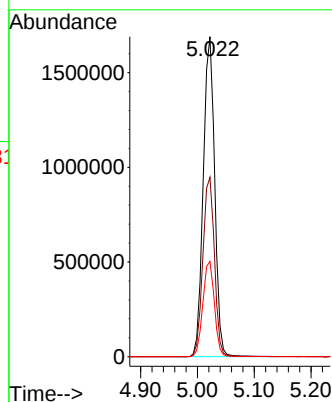
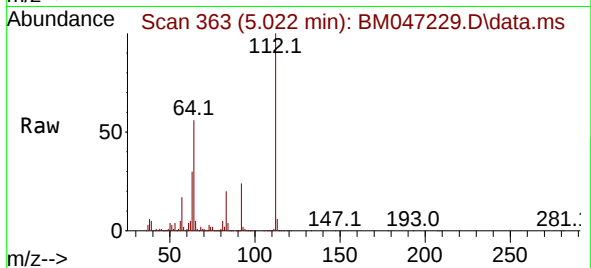
Tgt Ion:112 Resp: 2361184

Ion Ratio Lower Upper

112 100

64 56.0 46.7 70.1

63 29.8 24.8 37.2



#6

Aniline

Concen: 26.897 ng

RT: 6.716 min Scan# 651

Delta R.T. -0.012 min

Lab File: BM047229.D

Acq: 16 Aug 2024 11:07

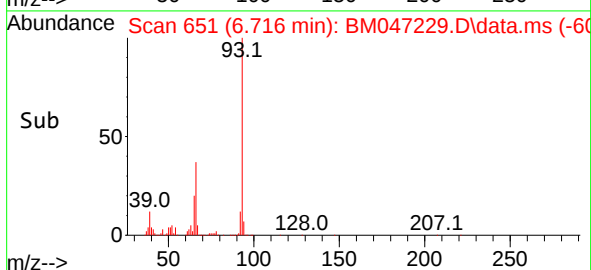
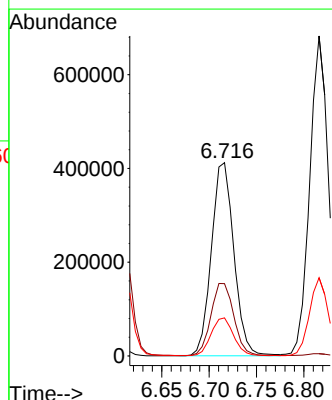
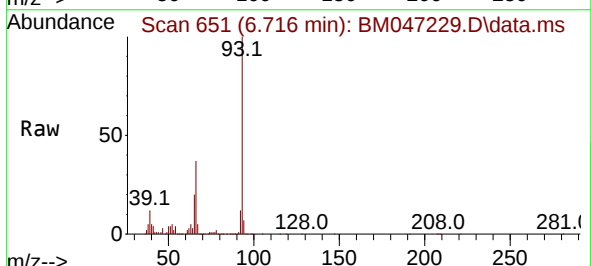
Tgt Ion: 93 Resp: 681572

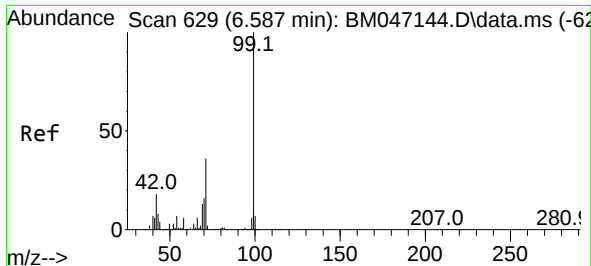
Ion Ratio Lower Upper

93 100

66 37.4 31.4 47.2

65 19.8 15.6 23.4

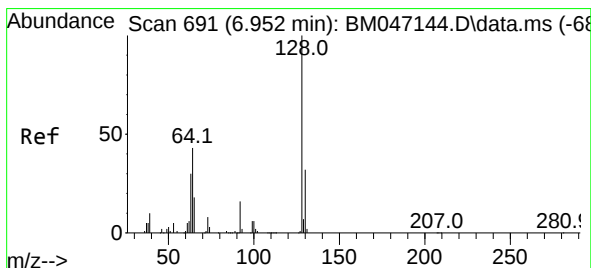
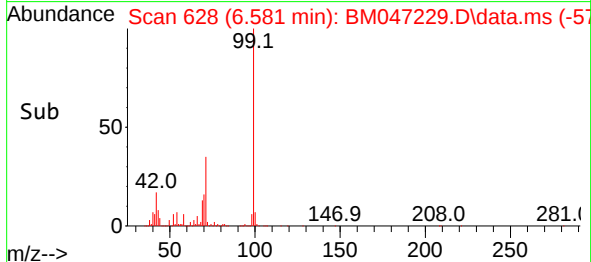
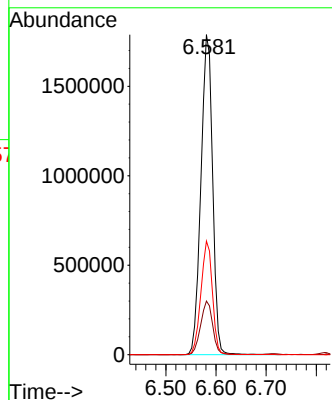
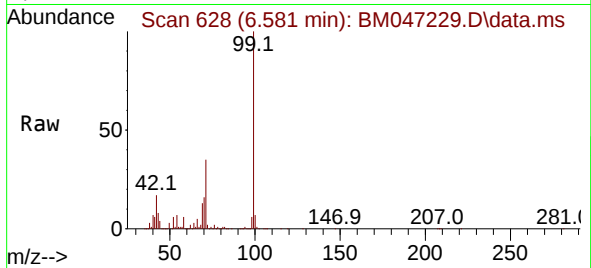




#7
Phenol-d6
Concen: 107.944 ng
RT: 6.581 min Scan# 61
Delta R.T. -0.006 min
Lab File: BM047229.D
Acq: 16 Aug 2024 11:07

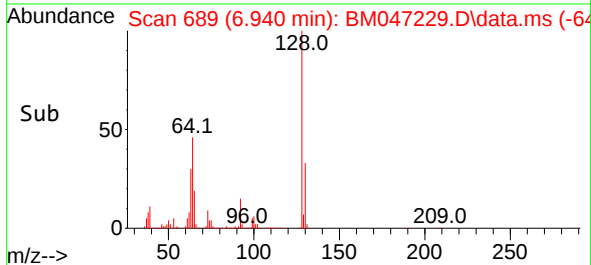
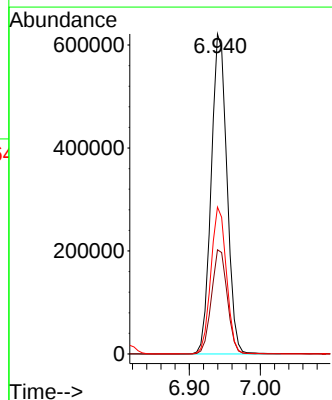
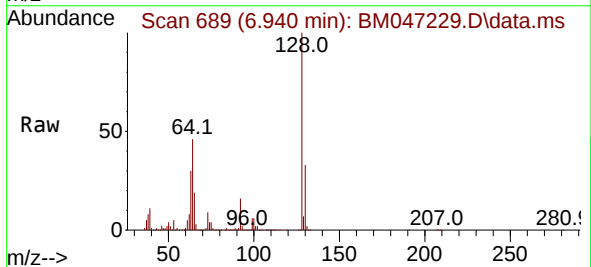
Instrument :
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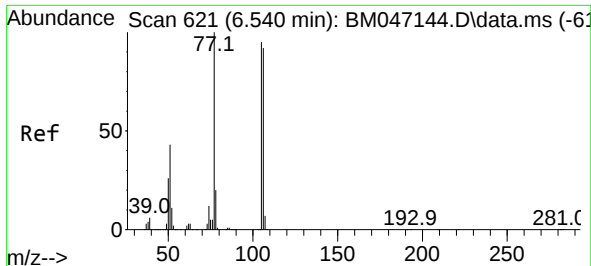
Tgt Ion: 99 Resp: 2893959
Ion Ratio Lower Upper
99 100
42 16.8 14.1 21.1
71 35.5 28.5 42.7



#8
2-Chlorophenol
Concen: 45.123 ng
RT: 6.940 min Scan# 689
Delta R.T. -0.012 min
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Tgt Ion: 128 Resp: 957564
Ion Ratio Lower Upper
128 100
130 32.6 12.1 52.1
64 45.9 26.6 66.6

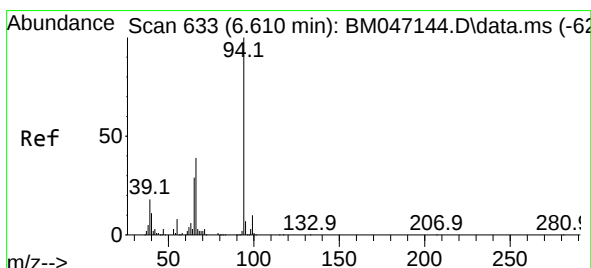
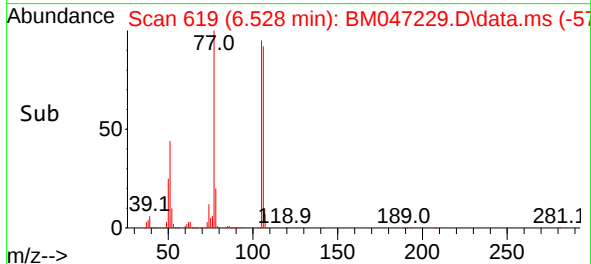
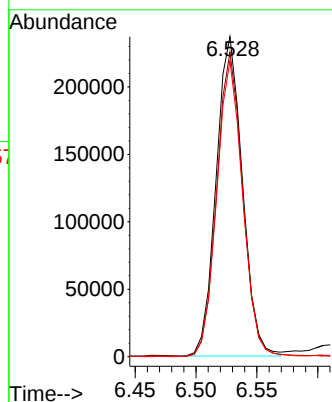
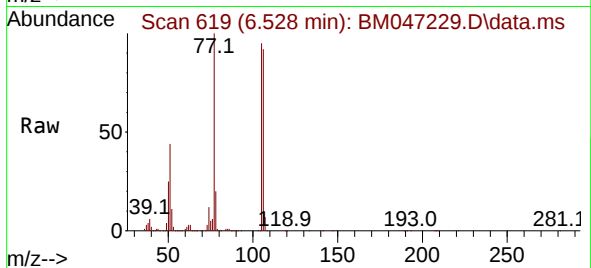




#9
Benzaldehyde
Concen: 21.054 ng
RT: 6.528 min Scan# 619
Delta R.T. -0.012 min
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Acq: 16 Aug 2024 11:07

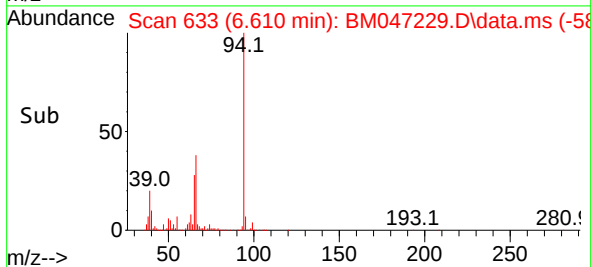
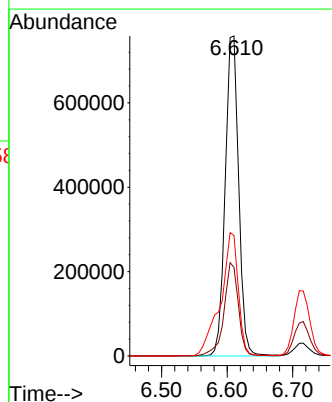
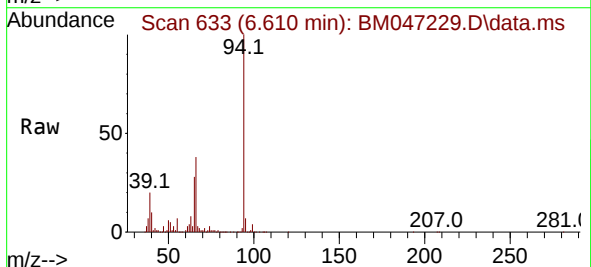
Instrument :
BNA_M
ClientSampleId :
PB162754BS

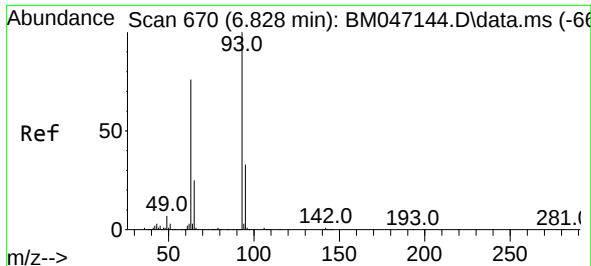
Tgt Ion: 77 Resp: 355606
Ion Ratio Lower Upper
77 100
105 95.1 74.5 114.5
106 92.4 72.3 112.3



#10
Phenol
Concen: 40.291 ng
RT: 6.610 min Scan# 633
Delta R.T. -0.000 min
Lab File: BM047229.D
Acq: 16 Aug 2024 11:07

Tgt Ion: 94 Resp: 1077852
Ion Ratio Lower Upper
94 100
65 27.7 9.0 49.0
66 37.7 18.9 58.9





#11

bis(2-Chloroethyl)ether

Concen: 41.274 ng

RT: 6.816 min Scan# 60

Delta R.T. -0.012 min

Lab File: BM047229.D

Acq: 16 Aug 2024 11:07

Instrument :

BNA_M

ClientSampleId :

PB162754BS

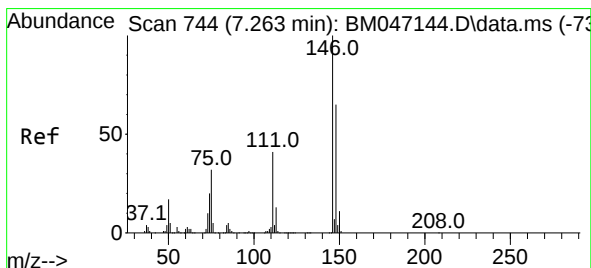
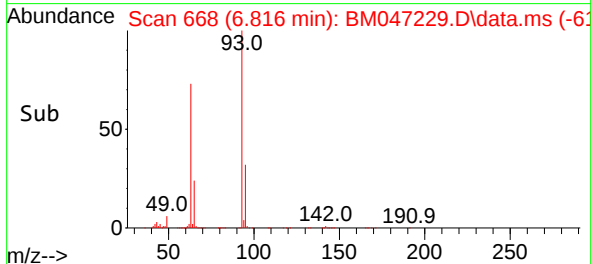
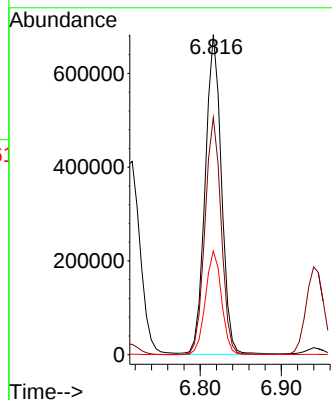
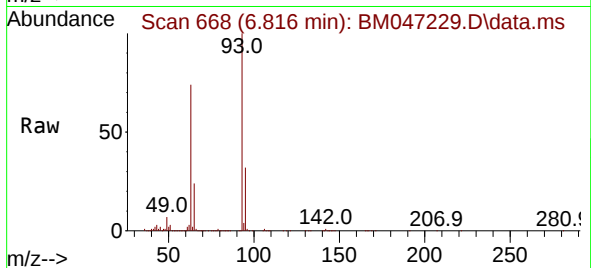
Tgt Ion: 93 Resp: 945558

Ion Ratio Lower Upper

93 100

63 74.1 55.8 95.8

95 32.4 12.7 52.7



#12

1,3-Dichlorobenzene

Concen: 43.185 ng

RT: 7.251 min Scan# 742

Delta R.T. -0.012 min

Lab File: BM047229.D

Acq: 16 Aug 2024 11:07

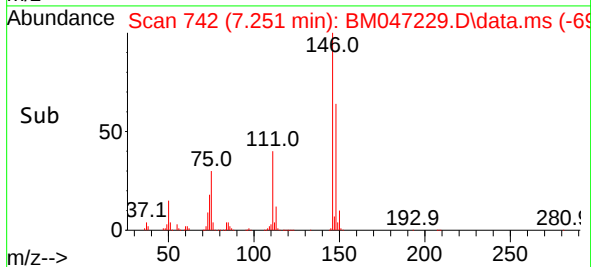
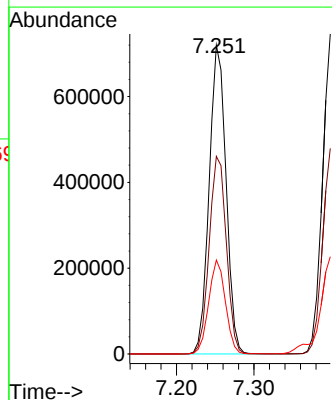
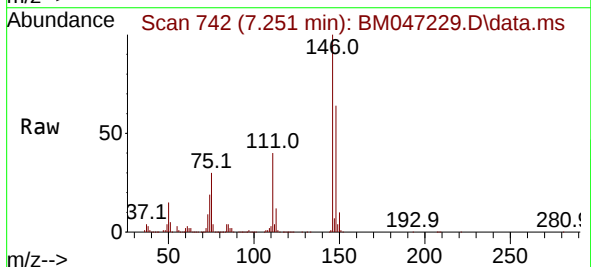
Tgt Ion: 146 Resp: 1089013

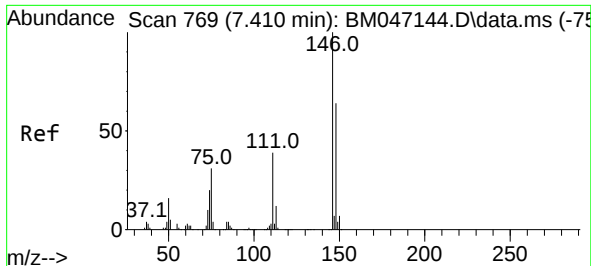
Ion Ratio Lower Upper

146 100

148 64.0 52.3 78.5

75 30.4 25.8 38.6

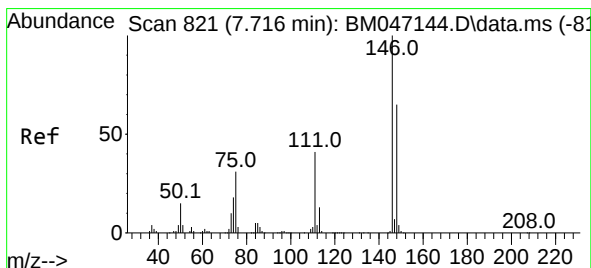
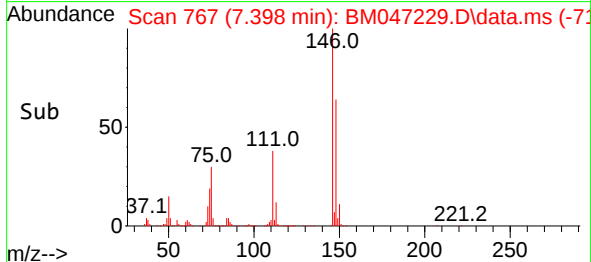
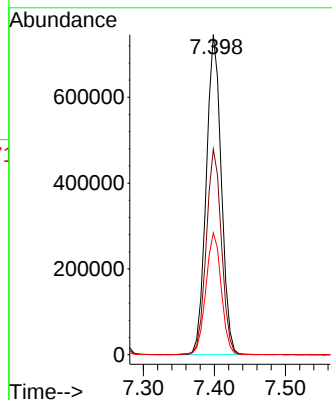
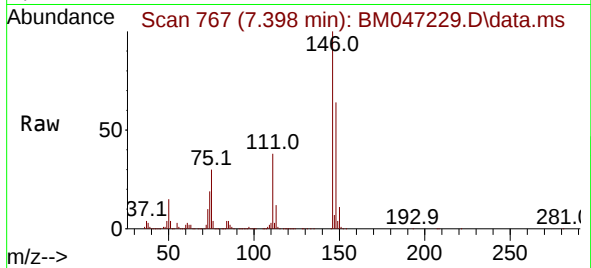




#13
1,4-Dichlorobenzene
Concen: 43.095 ng
RT: 7.398 min Scan# 701
Delta R.T. -0.012 min
Lab File: BM047229.D
Acq: 16 Aug 2024 11:07

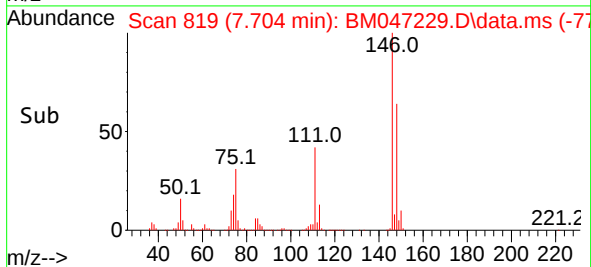
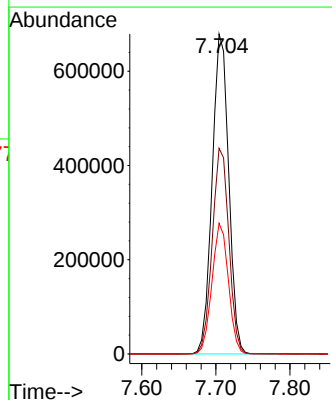
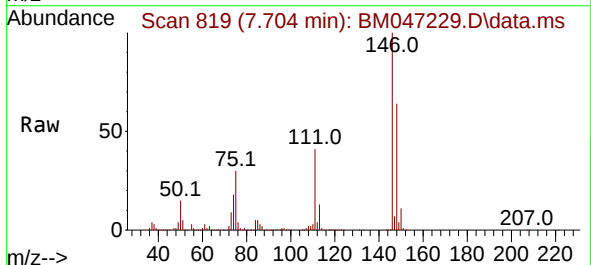
Instrument :
BNA_M
ClientSampleId :
PB162754BS

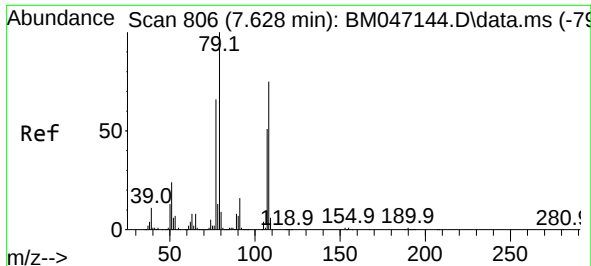
Tgt Ion:146 Resp: 1100307
Ion Ratio Lower Upper
146 100
148 64.2 51.4 77.2
111 38.1 31.5 47.3



#14
1,2-Dichlorobenzene
Concen: 43.724 ng
RT: 7.704 min Scan# 819
Delta R.T. -0.012 min
Lab File: BM047229.D
Acq: 16 Aug 2024 11:07

Tgt Ion:146 Resp: 1053332
Ion Ratio Lower Upper
146 100
148 64.2 51.8 77.8
111 40.8 33.3 49.9

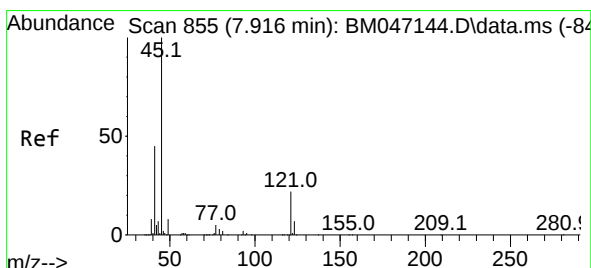
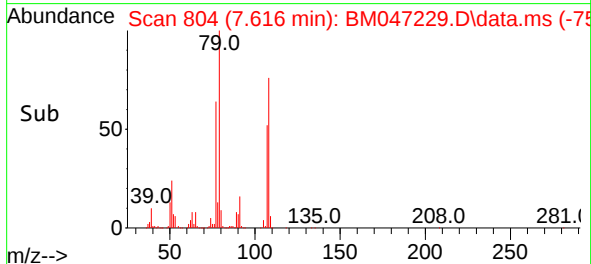
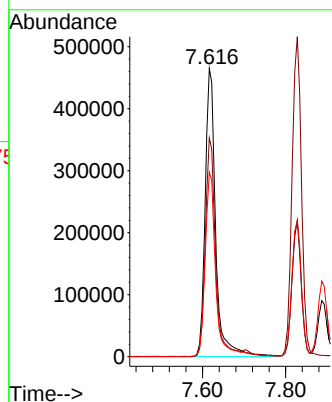
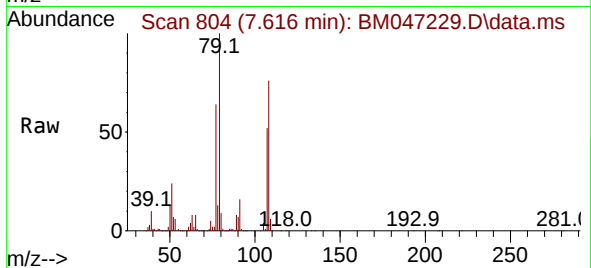




#15
Benzyl Alcohol
Concen: 42.759 ng
RT: 7.616 min Scan# 804
Delta R.T. -0.012 min
Lab File: BM047229.D
Acq: 16 Aug 2024 11:07

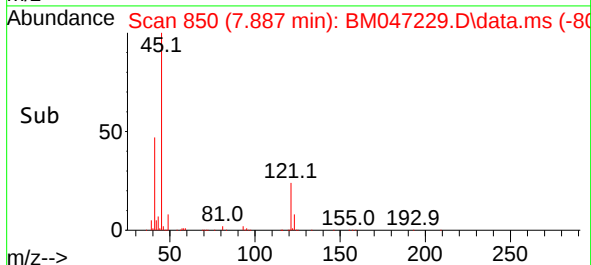
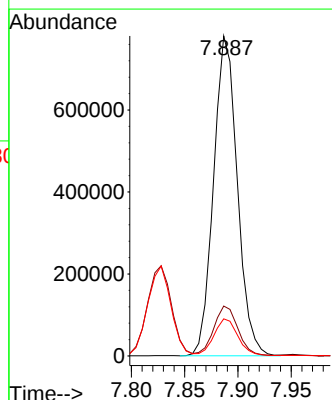
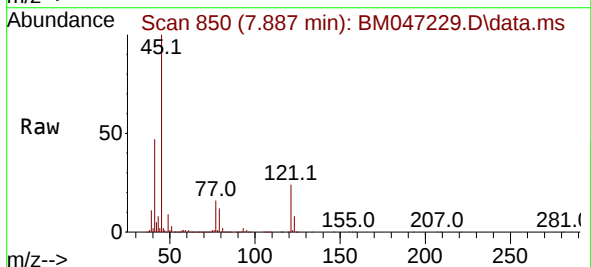
Instrument :
BNA_M
ClientSampleId :
PB162754BS

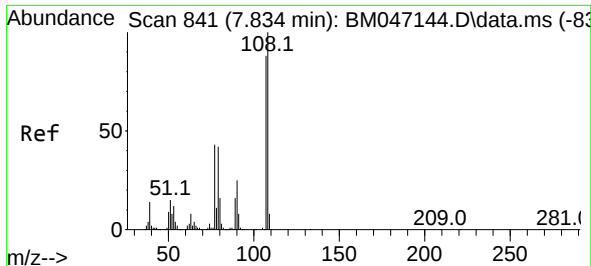
Tgt Ion: 79 Resp: 815873
Ion Ratio Lower Upper
79 100
108 75.9 59.7 89.5
77 64.0 52.9 79.3



#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.194 ng
RT: 7.887 min Scan# 850
Delta R.T. -0.030 min
Lab File: BM047229.D
Acq: 16 Aug 2024 11:07

Tgt Ion: 45 Resp: 1210978
Ion Ratio Lower Upper
45 100
77 15.6 0.0 35.6
79 11.6 0.0 32.4





#17

2-Methylphenol

Concen: 40.460 ng

RT: 7.828 min Scan# 841

Delta R.T. -0.006 min

Lab File: BM047229.D

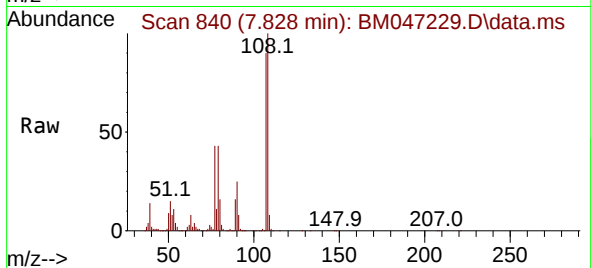
Acq: 16 Aug 2024 11:07

Instrument :

BNA_M

ClientSampleId :

PB162754BS



Tgt Ion:107 Resp: 722092

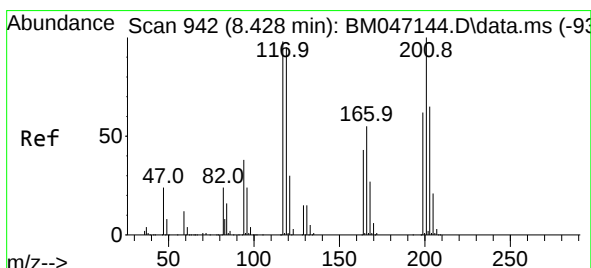
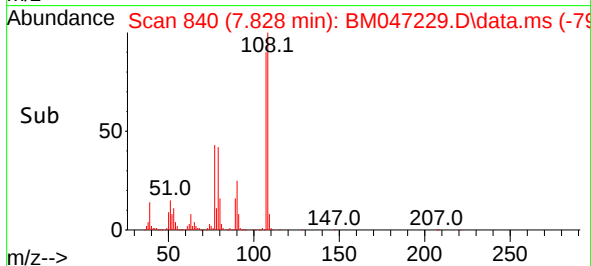
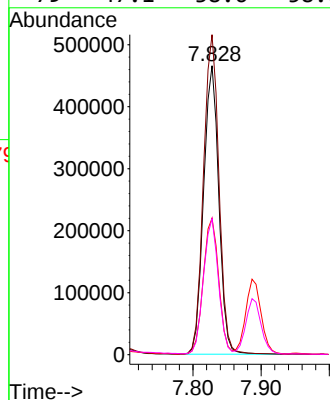
Ion Ratio Lower Upper

107 100

108 110.7 90.6 135.8

77 47.2 39.3 58.9

79 47.1 38.6 58.0



#18

Hexachloroethane

Concen: 42.888 ng

RT: 8.416 min Scan# 940

Delta R.T. -0.012 min

Lab File: BM047229.D

Acq: 16 Aug 2024 11:07

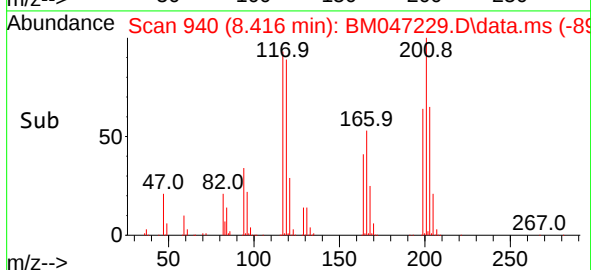
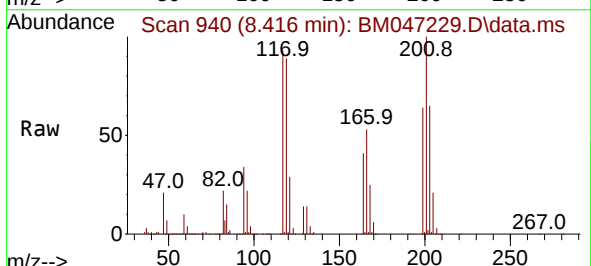
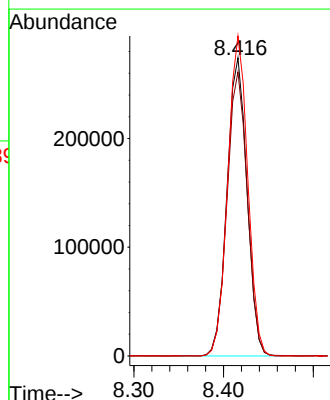
Tgt Ion:117 Resp: 424168

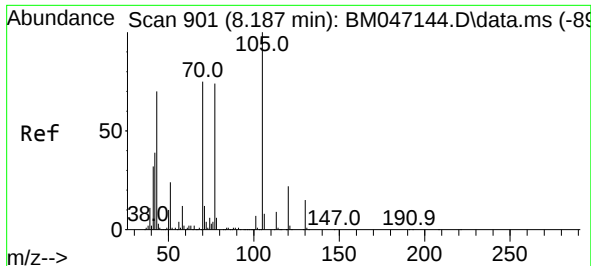
Ion Ratio Lower Upper

117 100

119 95.3 77.0 115.4

201 107.4 81.3 121.9



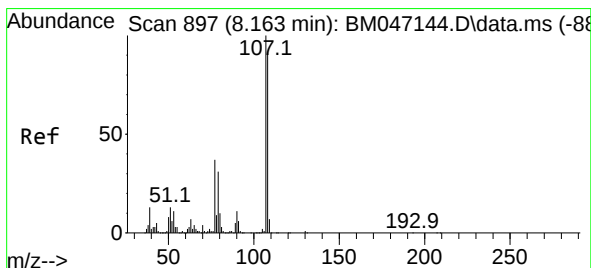
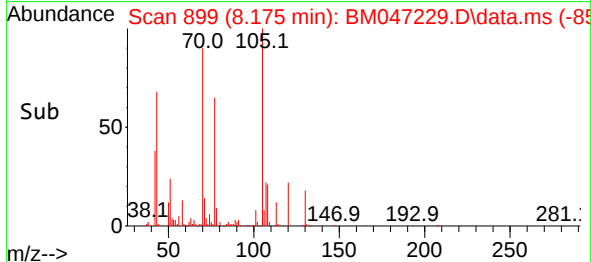
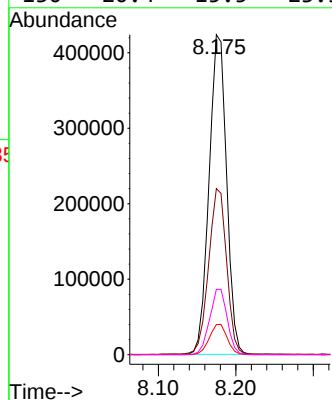
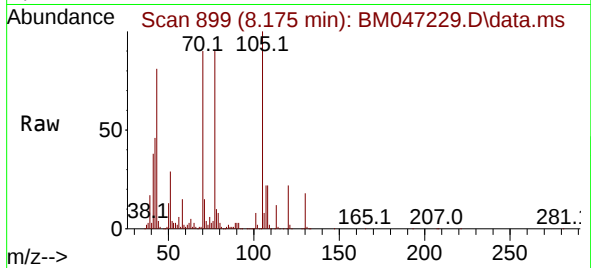


#19
n-Nitroso-di-n-propylamine
Concen: 36.770 ng
RT: 8.175 min Scan# 899
Delta R.T. -0.012 min
Lab File: BM047229.D
Acq: 16 Aug 2024 11:07

Instrument :
BNA_M
ClientSampleId :
PB162754BS

Tgt Ion: 70 Resp: 664026

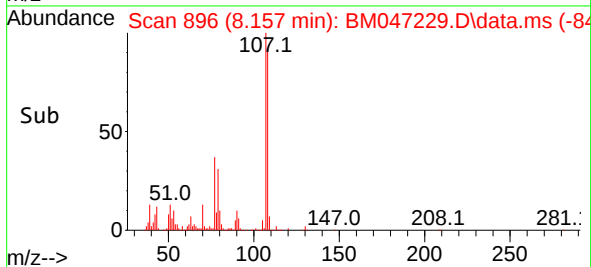
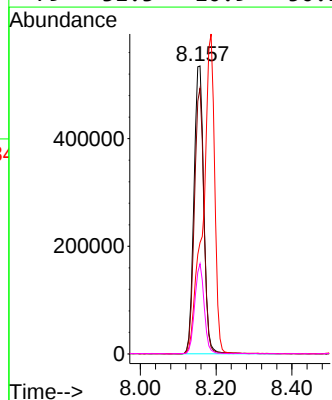
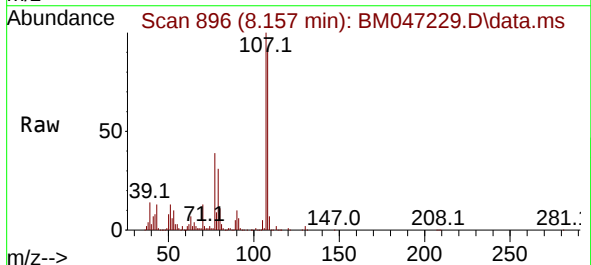
Ion	Ratio	Lower	Upper
70	100		
42	51.9	42.0	63.0
101	9.4	7.2	10.8
130	20.4	15.5	23.3

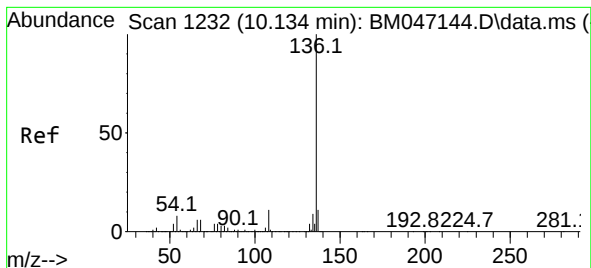


#20
3+4-Methylphenols
Concen: 38.743 ng
RT: 8.157 min Scan# 896
Delta R.T. -0.006 min
Lab File: BM047229.D
Acq: 16 Aug 2024 11:07

Tgt Ion: 107 Resp: 966663

Ion	Ratio	Lower	Upper
107	100		
108	92.3	70.7	110.7
77	38.6	17.4	57.4
79	31.3	10.9	50.9





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.122 min Scan# 11

Delta R.T. -0.012 min

Lab File: BM047229.D

Acq: 16 Aug 2024 11:07

Instrument :

BNA_M

ClientSampleId :

PB162754BS

Tgt Ion:136 Resp: 1225481

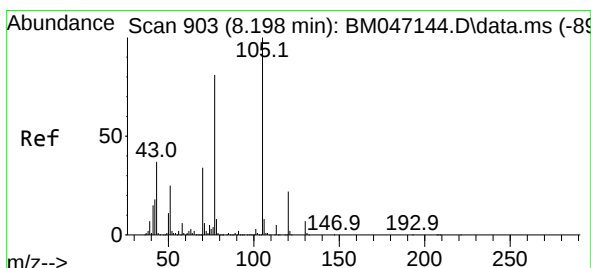
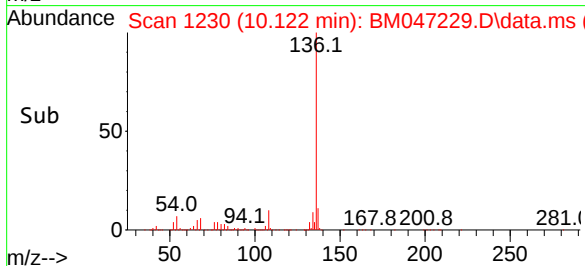
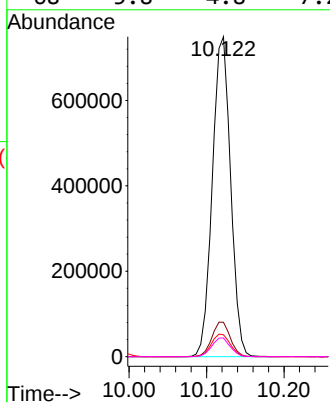
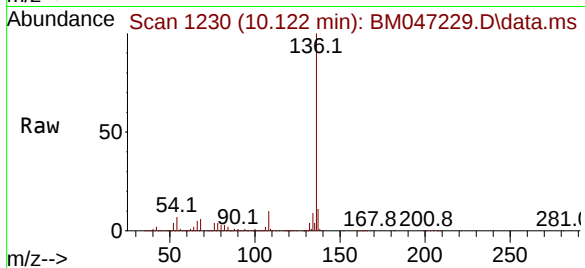
Ion Ratio Lower Upper

136 100

137 10.7 8.8 13.2

54 6.8 6.0 9.0

68 5.8 4.8 7.2



#22

Acetophenone

Concen: 40.222 ng

RT: 8.187 min Scan# 901

Delta R.T. -0.012 min

Lab File: BM047229.D

Acq: 16 Aug 2024 11:07

Tgt Ion:105 Resp: 1189823

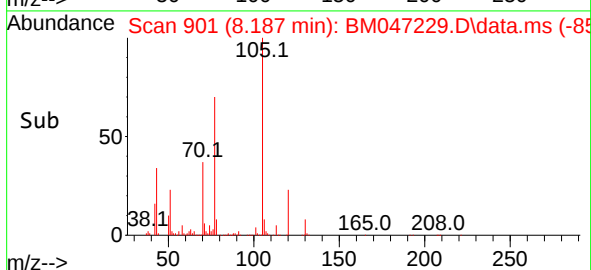
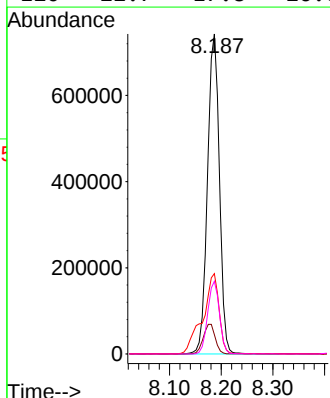
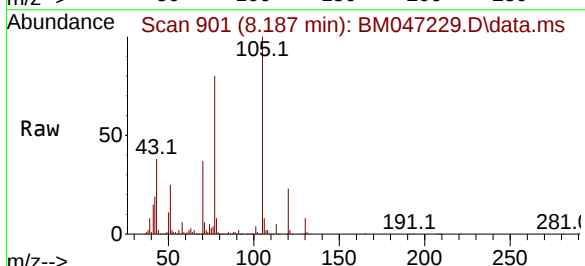
Ion Ratio Lower Upper

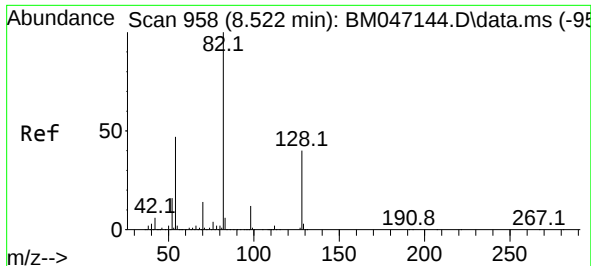
105 100

71 6.1 4.5 6.7

51 25.1 20.1 30.1

120 22.7 17.8 26.6





#23

Nitrobenzene-d5

Concen: 79.819 ng

RT: 8.516 min Scan# 91

Delta R.T. -0.006 min

Lab File: BM047229.D

Acq: 16 Aug 2024 11:07

Instrument :

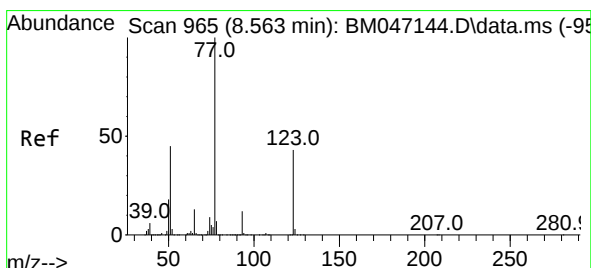
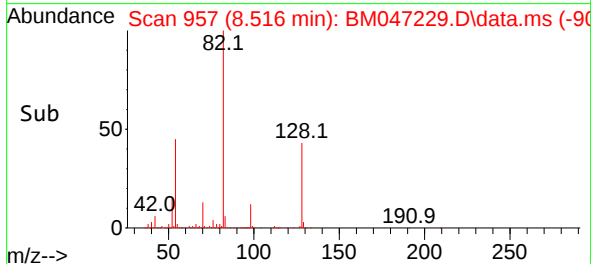
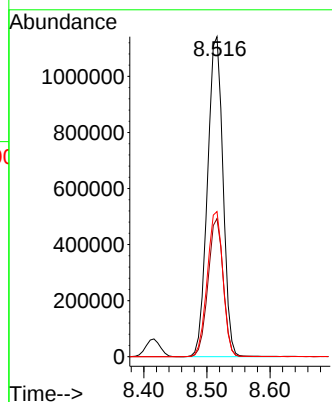
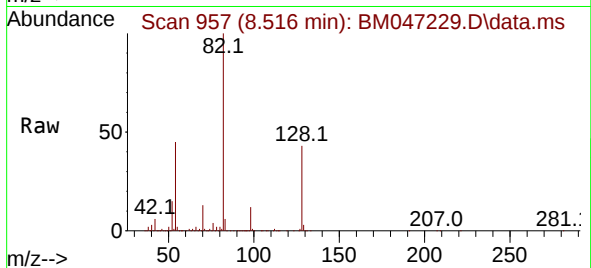
BNA_M

ClientSampleId :

PB162754BS

Tgt Ion: 82 Resp: 1942601

Ion	Ratio	Lower	Upper
82	100		
128	43.2	32.3	48.5
54	45.3	37.4	56.2



#24

Nitrobenzene

Concen: 41.834 ng

RT: 8.557 min Scan# 964

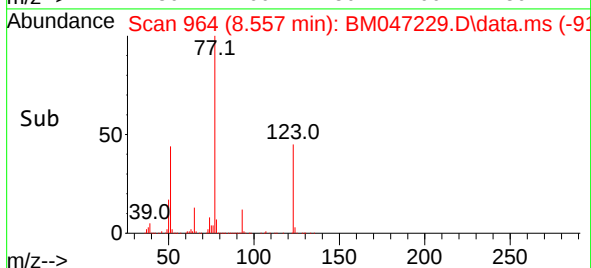
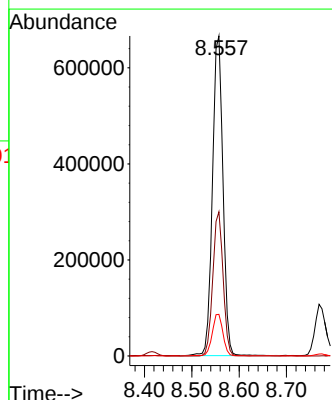
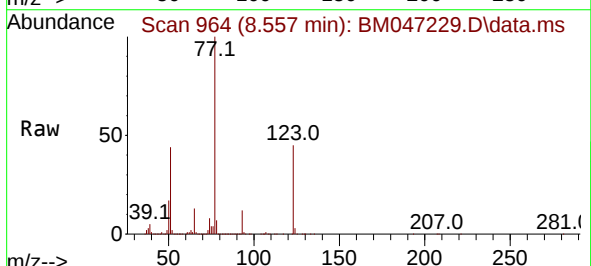
Delta R.T. -0.006 min

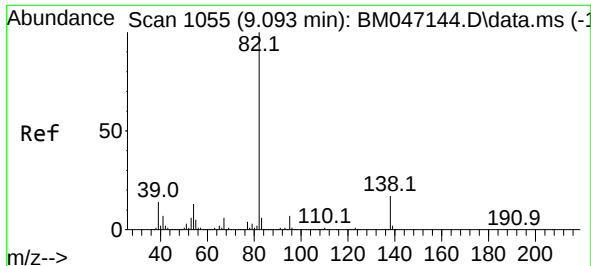
Lab File: BM047229.D

Acq: 16 Aug 2024 11:07

Tgt Ion: 77 Resp: 1025219

Ion	Ratio	Lower	Upper
77	100		
123	45.1	34.0	51.0
65	13.0	10.5	15.7

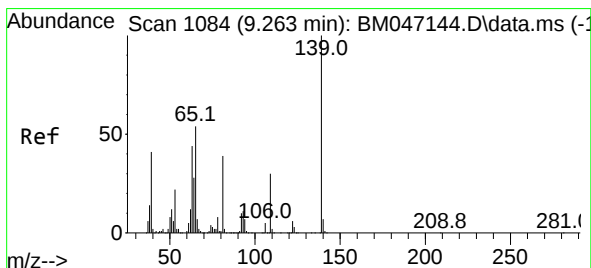
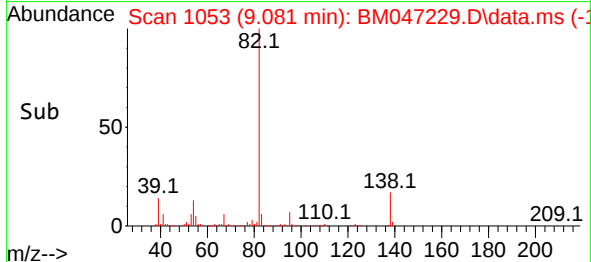
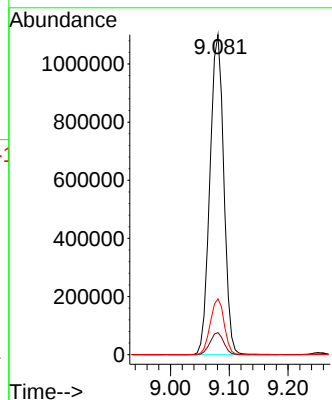
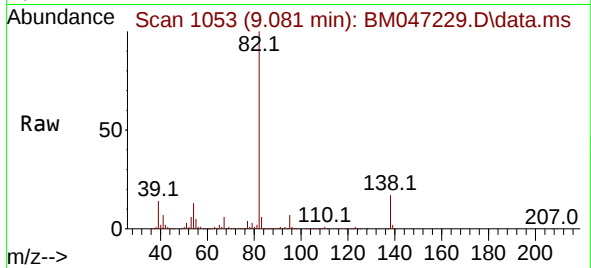




#25
Isophorone
Concen: 42.483 ng
RT: 9.081 min Scan# 1053
Delta R.T. -0.012 min
Lab File: BM047229.D
Acq: 16 Aug 2024 11:07

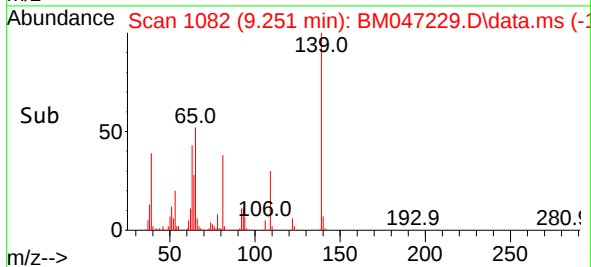
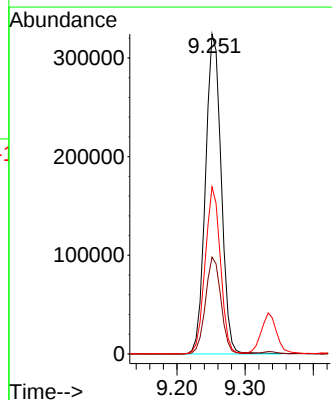
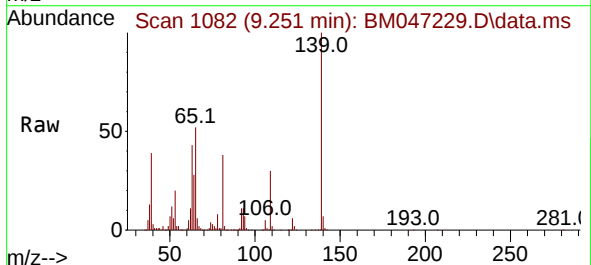
Instrument :
BNA_M
ClientSampleId :
PB162754BS

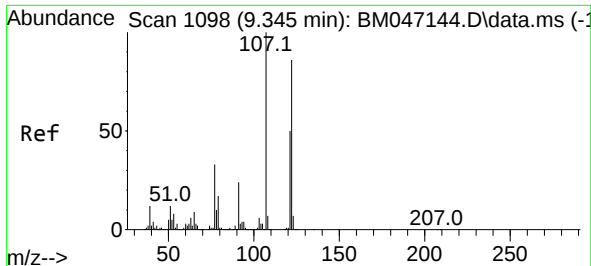
Tgt Ion: 82 Resp: 1800244
Ion Ratio Lower Upper
82 100
95 6.9 5.5 8.3
138 17.5 13.5 20.3



#26
2-Nitrophenol
Concen: 48.000 ng
RT: 9.251 min Scan# 1082
Delta R.T. -0.012 min
Lab File: BM047229.D
Acq: 16 Aug 2024 11:07

Tgt Ion:139 Resp: 520954
Ion Ratio Lower Upper
139 100
109 30.2 24.4 36.6
65 52.2 43.0 64.6





#27

2,4-Dimethylphenol

Concen: 48.643 ng

RT: 9.334 min Scan# 1096

Delta R.T. -0.012 min

Lab File: BM047229.D

Acq: 16 Aug 2024 11:07

Instrument :

BNA_M

ClientSampleId :

PB162754BS

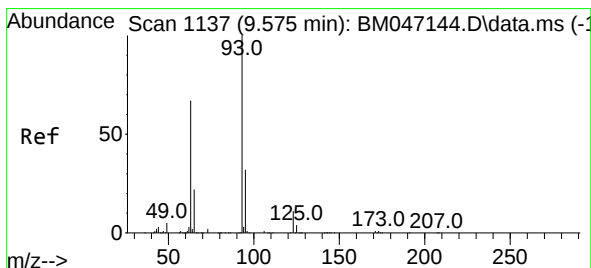
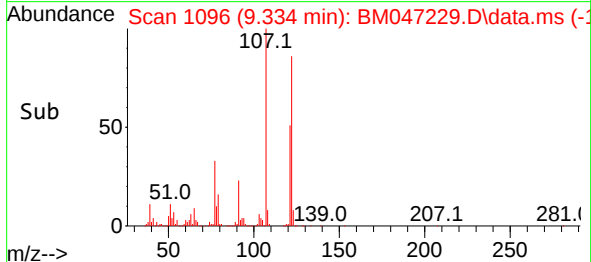
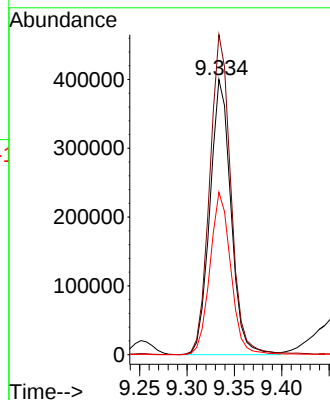
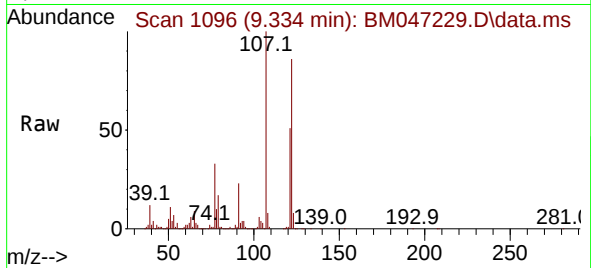
Tgt Ion:122 Resp: 618403

Ion Ratio Lower Upper

122 100

107 116.3 92.8 139.2

121 59.0 46.1 69.1



#28

bis(2-Chloroethoxy)methane

Concen: 43.536 ng

RT: 9.563 min Scan# 1135

Delta R.T. -0.012 min

Lab File: BM047229.D

Acq: 16 Aug 2024 11:07

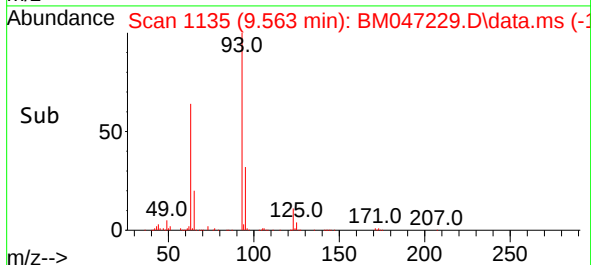
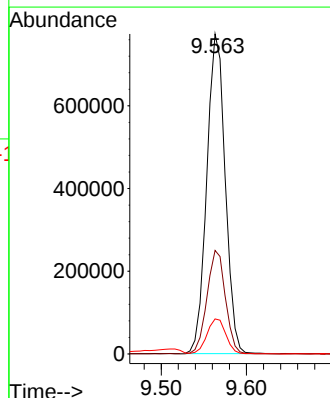
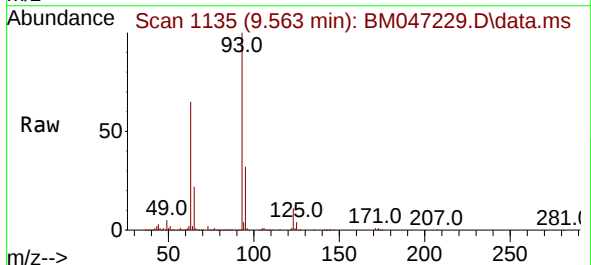
Tgt Ion: 93 Resp: 1160850

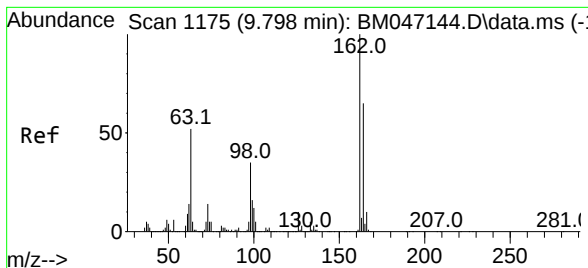
Ion Ratio Lower Upper

93 100

95 32.4 25.8 38.8

123 11.0 9.0 13.4





#29

2,4-Dichlorophenol

Concen: 46.374 ng

RT: 9.787 min Scan# 1175

Delta R.T. -0.012 min

Lab File: BM047229.D

Acq: 16 Aug 2024 11:07

Instrument :

BNA_M

ClientSampleId :

PB162754BS

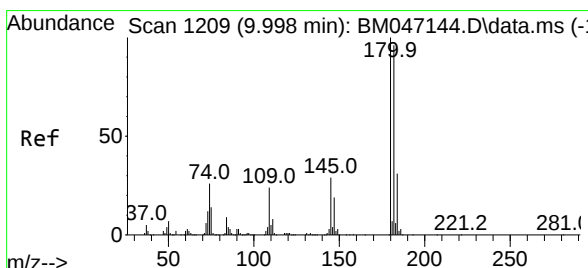
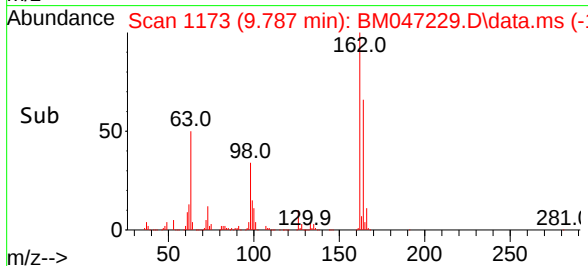
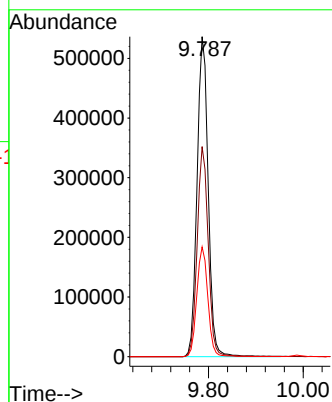
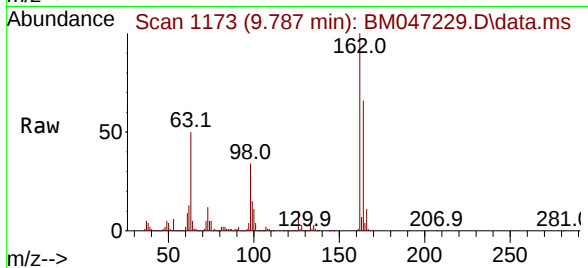
Tgt Ion:162 Resp: 874779

Ion Ratio Lower Upper

162 100

164 65.6 44.7 84.7

98 34.3 14.9 54.9



#30

1,2,4-Trichlorobenzene

Concen: 47.225 ng

RT: 9.987 min Scan# 1207

Delta R.T. -0.012 min

Lab File: BM047229.D

Acq: 16 Aug 2024 11:07

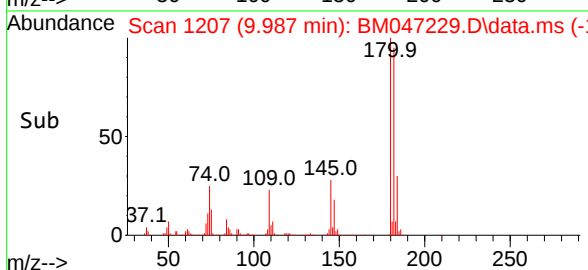
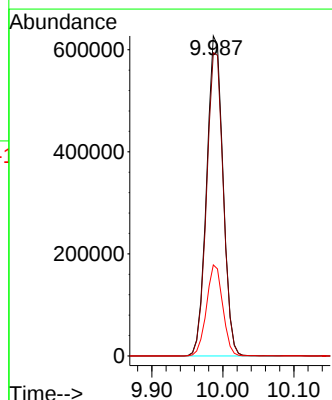
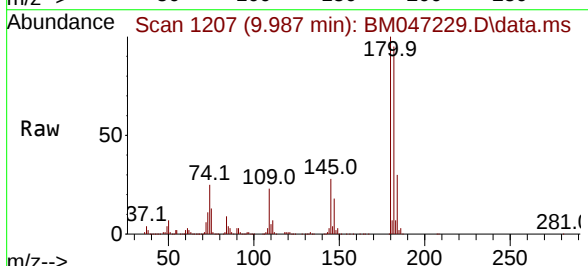
Tgt Ion:180 Resp: 1008132

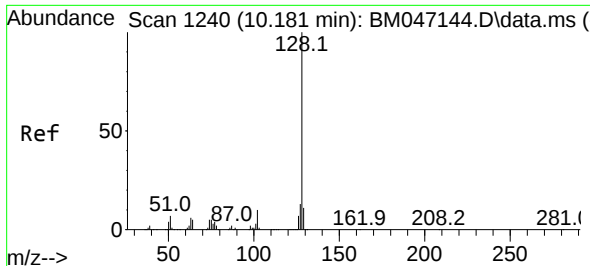
Ion Ratio Lower Upper

180 100

182 94.8 76.6 115.0

145 28.4 23.4 35.2

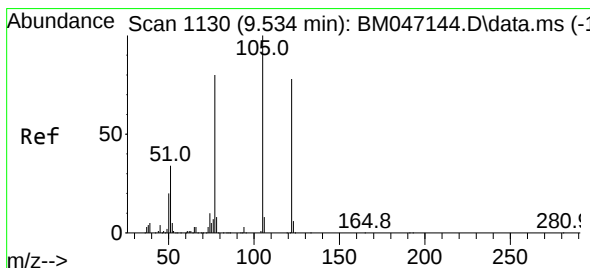
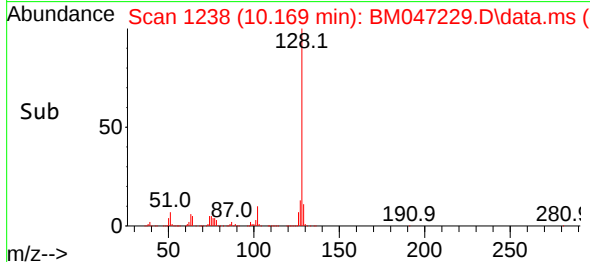
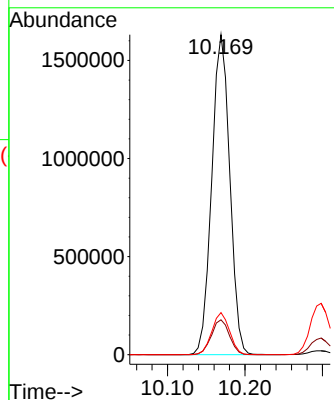
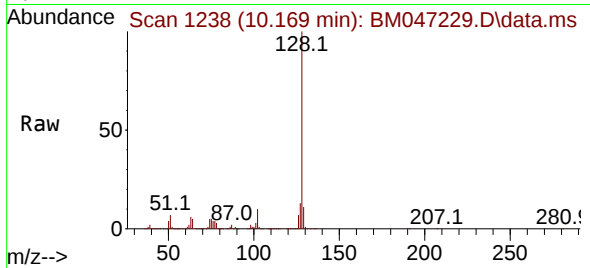




#31
Naphthalene
Concen: 43.324 ng
RT: 10.169 min Scan# 1127
Delta R.T. -0.012 min
Lab File: BM047229.D
Acq: 16 Aug 2024 11:07

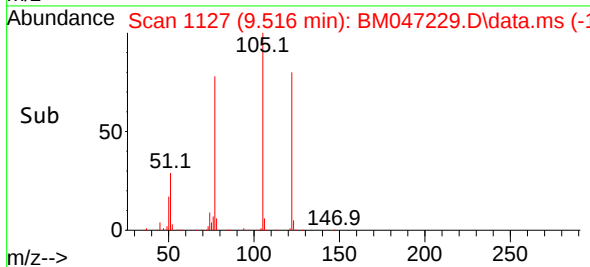
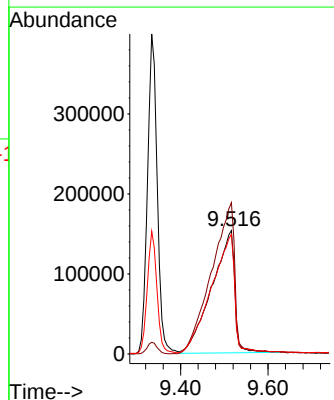
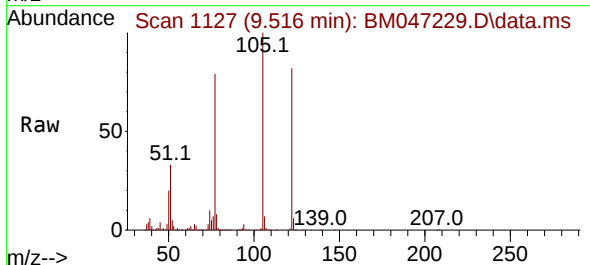
Instrument :
BNA_M
ClientSampleId :
PB162754BS

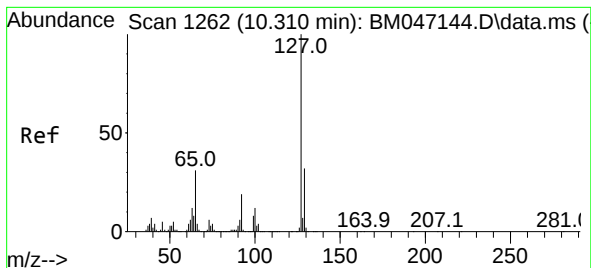
Tgt Ion:128 Resp: 2644875
Ion Ratio Lower Upper
128 100
129 10.9 8.6 13.0
127 13.2 10.2 15.4



#32
Benzoic acid
Concen: 37.426 ng
RT: 9.516 min Scan# 1127
Delta R.T. -0.018 min
Lab File: BM047229.D
Acq: 16 Aug 2024 11:07

Tgt Ion:122 Resp: 552797
Ion Ratio Lower Upper
122 100
105 122.6 107.1 147.1
77 97.0 82.1 122.1





#33

4-Chloroaniline

Concen: 20.748 ng

RT: 10.298 min Scan# 11

Delta R.T. -0.012 min

Lab File: BM047229.D

Acq: 16 Aug 2024 11:07

Instrument :

BNA_M

ClientSampleId :

PB162754BS

Tgt Ion:127 Resp: 487096

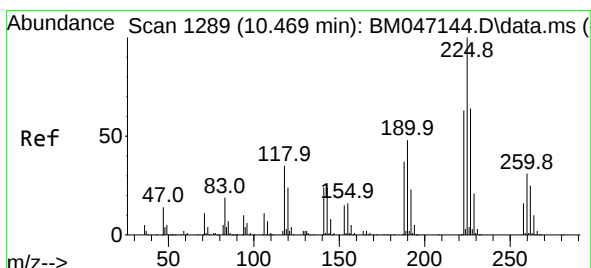
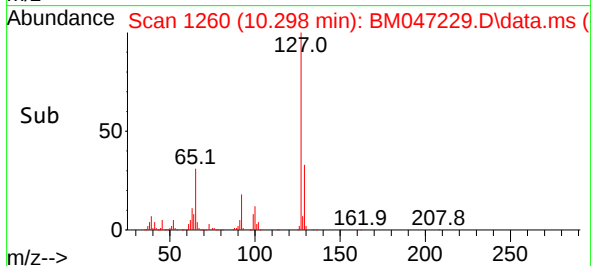
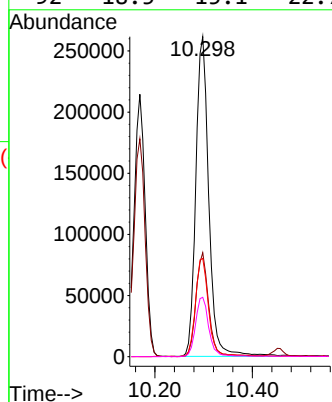
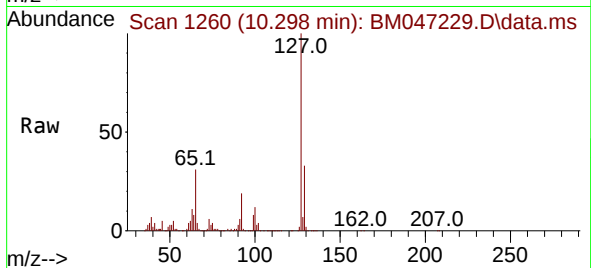
Ion Ratio Lower Upper

127 100

129 32.5 25.8 38.8

65 30.7 24.9 37.3

92 18.5 15.1 22.7



#34

Hexachlorobutadiene

Concen: 49.285 ng

RT: 10.451 min Scan# 1286

Delta R.T. -0.018 min

Lab File: BM047229.D

Acq: 16 Aug 2024 11:07

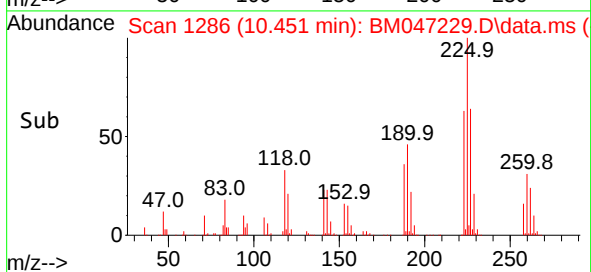
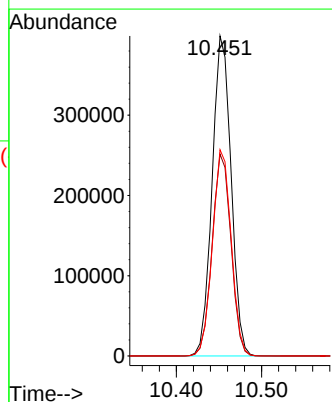
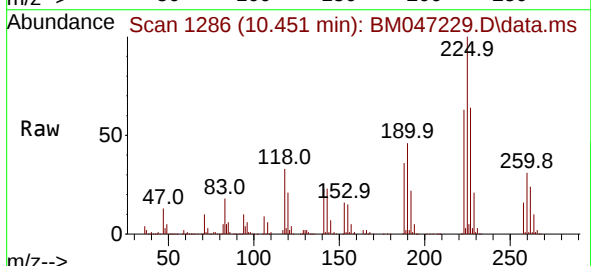
Tgt Ion:225 Resp: 615808

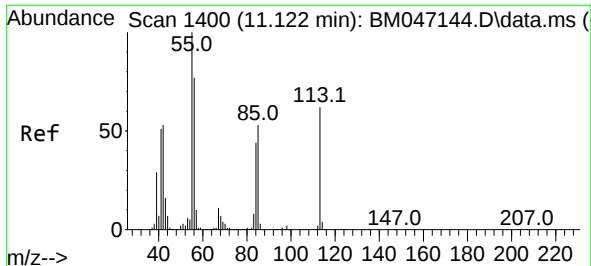
Ion Ratio Lower Upper

225 100

223 63.0 50.2 75.2

227 64.4 51.4 77.0

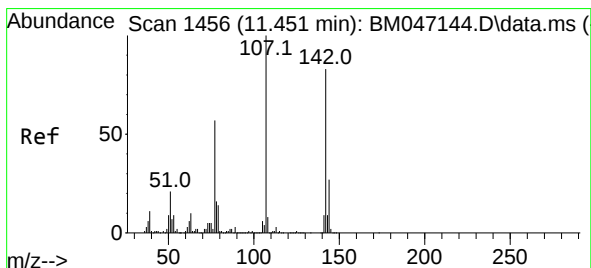
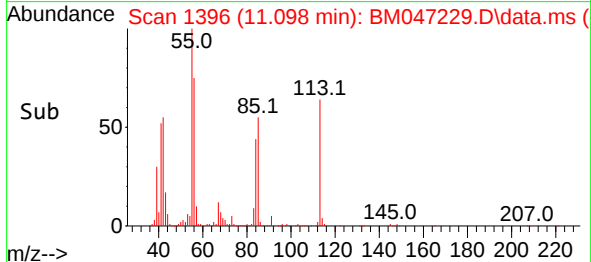
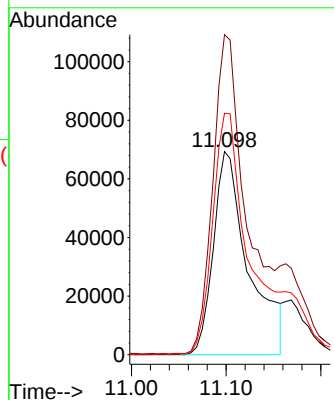
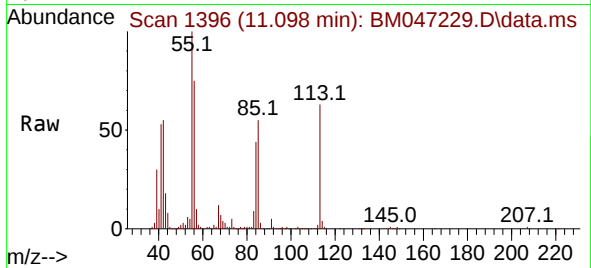




#35
Caprolactam
Concen: 27.128 ng
RT: 11.098 min Scan# 11
Delta R.T. -0.024 min
Lab File: BM047229.D
Acq: 16 Aug 2024 11:07

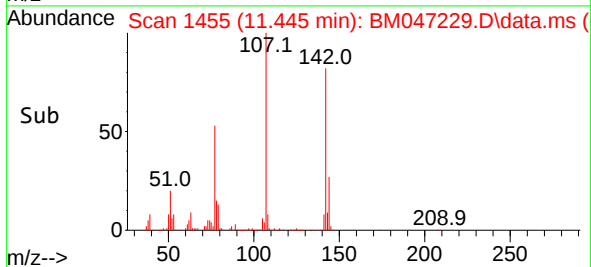
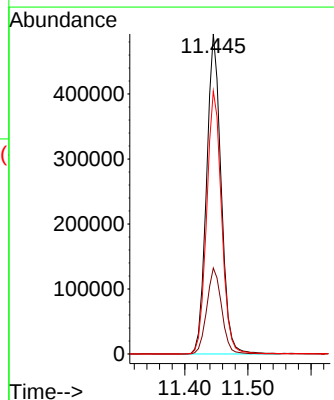
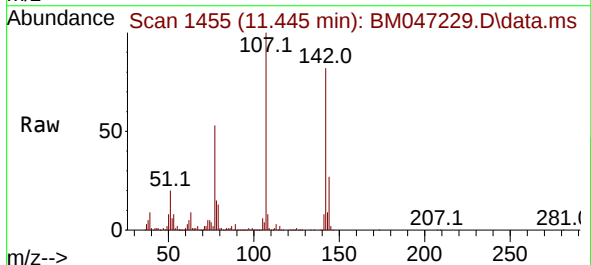
Instrument :
BNA_M
ClientSampleId :
PB162754BS

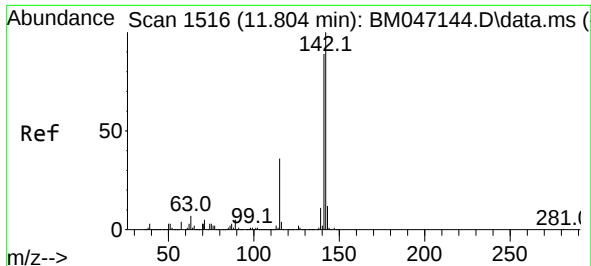
Tgt Ion:113 Resp: 177711
Ion Ratio Lower Upper
113 100
55 157.5 140.5 180.5
56 118.9 103.6 143.6



#36
4-Chloro-3-methylphenol
Concen: 39.205 ng
RT: 11.445 min Scan# 1455
Delta R.T. -0.006 min
Lab File: BM047229.D
Acq: 16 Aug 2024 11:07

Tgt Ion:107 Resp: 787603
Ion Ratio Lower Upper
107 100
144 26.8 21.8 32.6
142 82.2 66.8 100.2

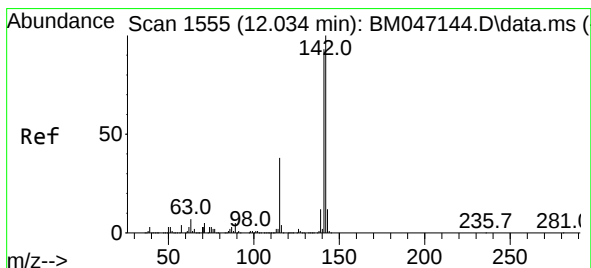
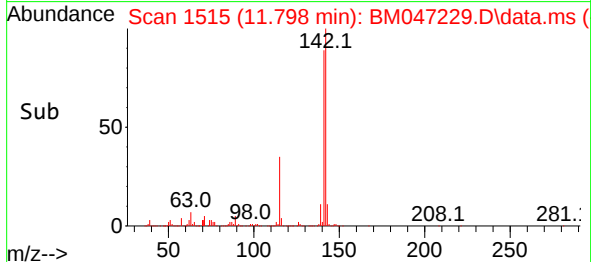
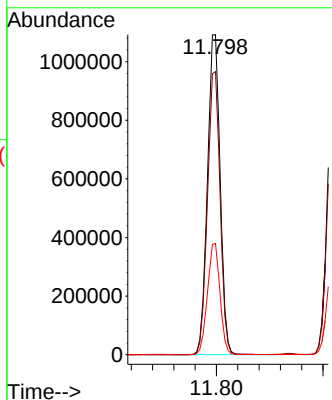
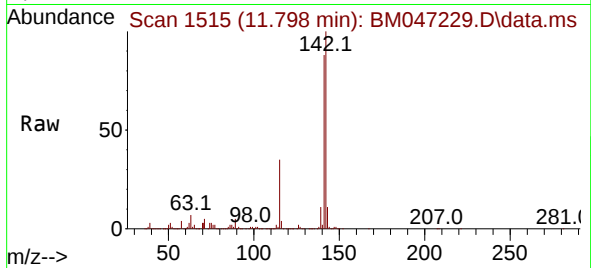




#37
2-Methylnaphthalene
Concen: 41.529 ng
RT: 11.798 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM047229.D
Acq: 16 Aug 2024 11:07

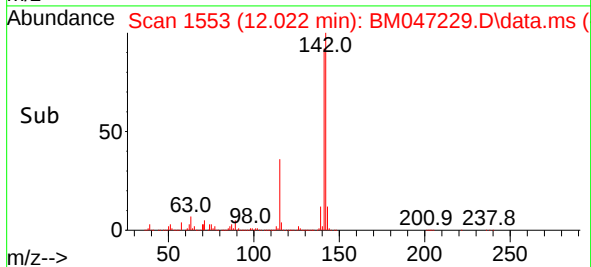
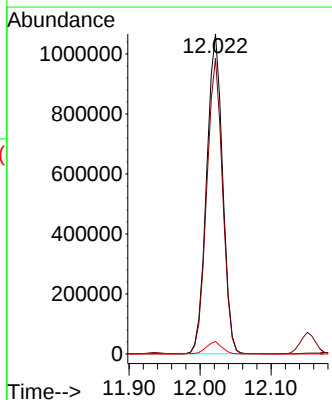
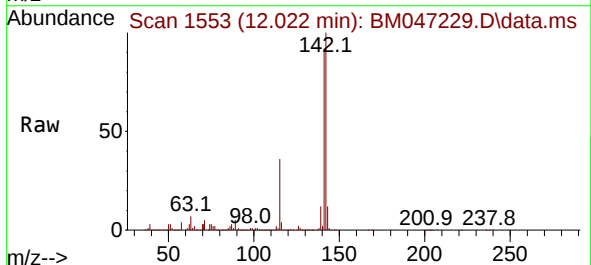
Instrument :
BNA_M
ClientSampleId :
PB162754BS

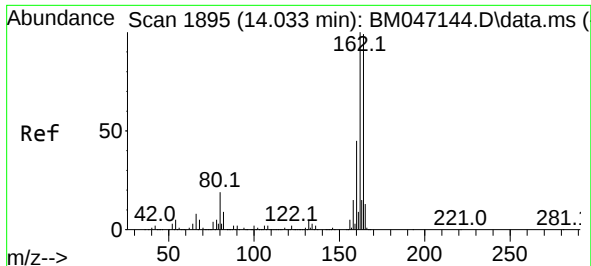
Tgt Ion:142 Resp: 1805130
Ion Ratio Lower Upper
142 100
141 88.5 70.9 106.3
115 34.8 28.7 43.1



#38
1-Methylnaphthalene
Concen: 38.847 ng
RT: 12.022 min Scan# 1553
Delta R.T. -0.012 min
Lab File: BM047229.D
Acq: 16 Aug 2024 11:07

Tgt Ion:142 Resp: 1668818
Ion Ratio Lower Upper
142 100
141 92.4 74.6 111.8
116 3.9 3.1 4.7

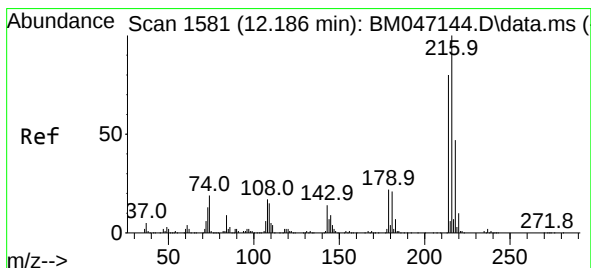
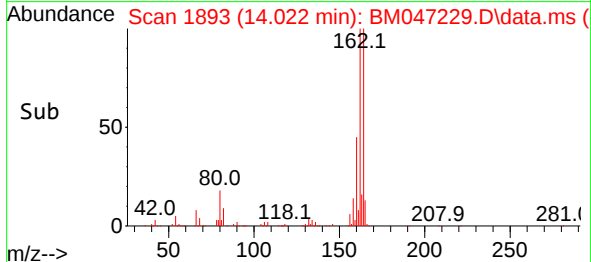
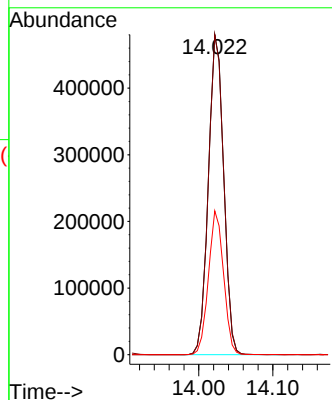
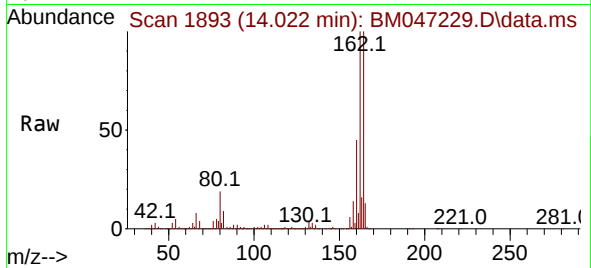




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.022 min Scan# 11
Delta R.T. -0.012 min
Lab File: BM047229.D
Acq: 16 Aug 2024 11:07

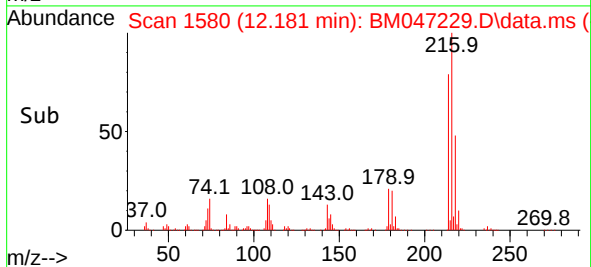
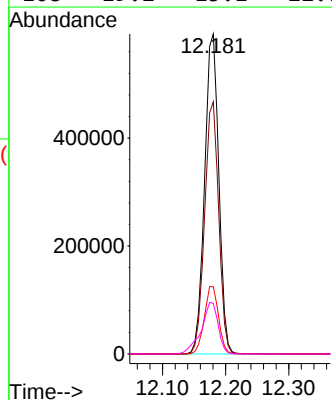
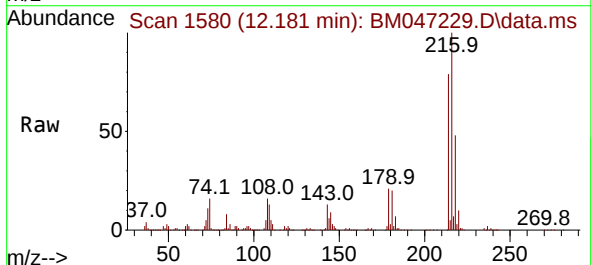
Instrument :
BNA_M
ClientSampleId :
PB162754BS

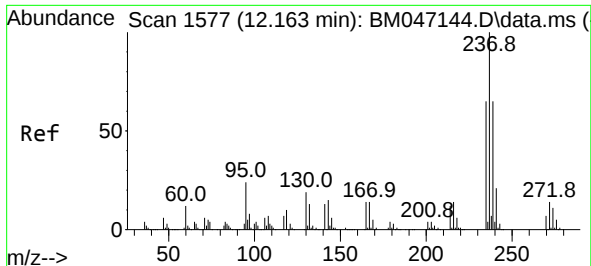
Tgt Ion:164 Resp: 688826
Ion Ratio Lower Upper
164 100
162 100.0 80.7 121.1
160 45.0 36.0 54.0



#40
1,2,4,5-Tetrachlorobenzene
Concen: 49.290 ng
RT: 12.181 min Scan# 1580
Delta R.T. -0.006 min
Lab File: BM047229.D
Acq: 16 Aug 2024 11:07

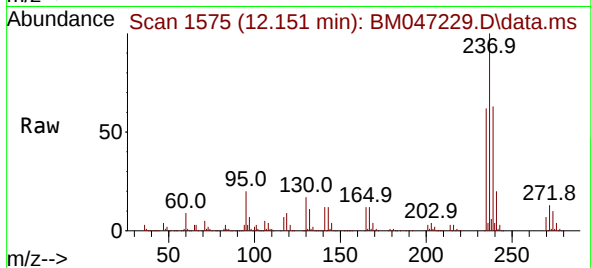
Tgt Ion:216 Resp: 926068
Ion Ratio Lower Upper
216 100
214 78.4 63.4 95.2
179 21.1 17.6 26.4
108 19.2 15.1 22.7



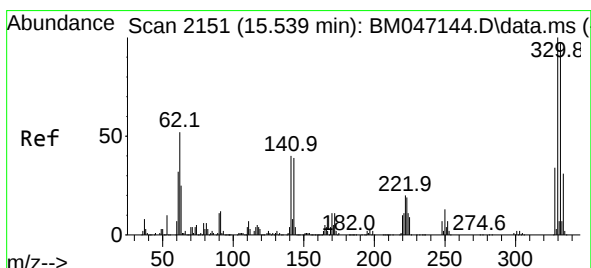
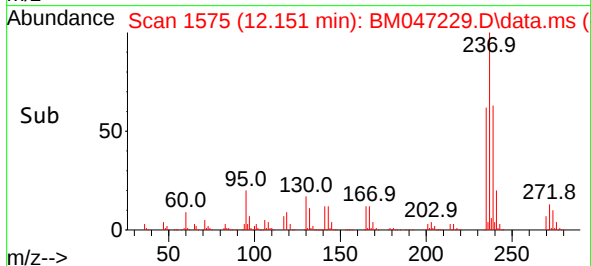
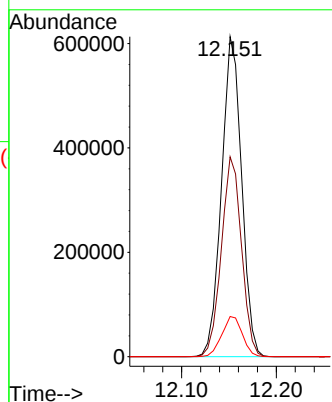


#41
Hexachlorocyclopentadiene
Concen: 137.836 ng
RT: 12.151 min Scan# 11
Delta R.T. -0.012 min
Lab File: BM047229.D
Acq: 16 Aug 2024 11:07

Instrument :
BNA_M
ClientSampleId :
PB162754BS

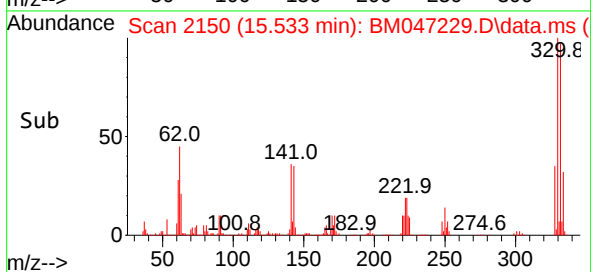
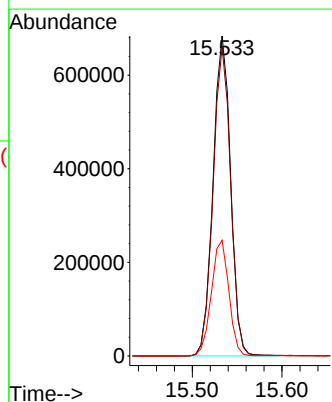
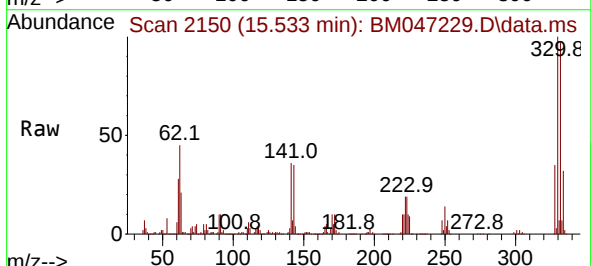


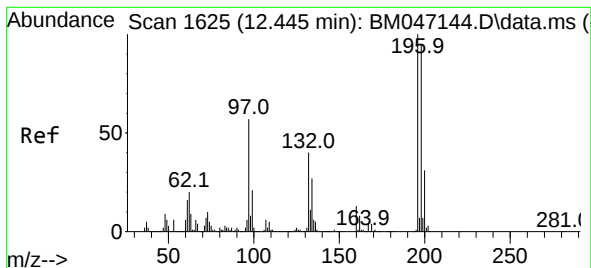
Tgt Ion:237 Resp: 904279
Ion Ratio Lower Upper
237 100
235 62.5 44.8 84.8
272 12.5 0.0 33.5



#42
2,4,6-Tribromophenol
Concen: 116.385 ng
RT: 15.533 min Scan# 2150
Delta R.T. -0.006 min
Lab File: BM047229.D
Acq: 16 Aug 2024 11:07

Tgt Ion:330 Resp: 929570
Ion Ratio Lower Upper
330 100
332 96.5 77.4 116.2
141 36.2 31.6 47.4





#43

2,4,6-Trichlorophenol

Concen: 50.074 ng

RT: 12.439 min Scan# 1

Delta R.T. -0.006 min

Lab File: BM047229.D

Acq: 16 Aug 2024 11:07

Instrument :

BNA_M

ClientSampleId :

PB162754BS

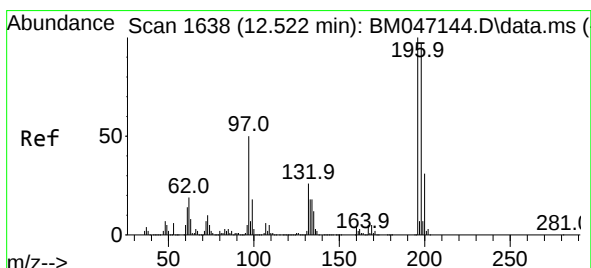
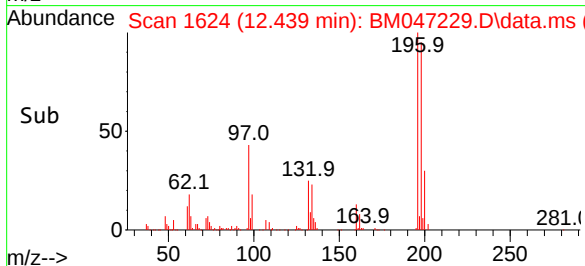
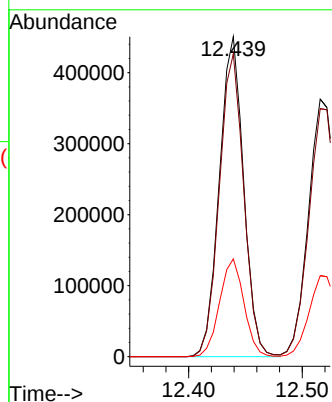
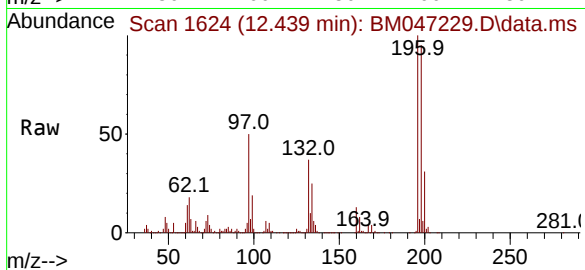
Tgt Ion:196 Resp: 668680

Ion Ratio Lower Upper

196 100

198 94.6 75.6 113.4

200 30.5 24.6 37.0



#44

2,4,5-Trichlorophenol

Concen: 43.408 ng

RT: 12.516 min Scan# 1637

Delta R.T. -0.006 min

Lab File: BM047229.D

Acq: 16 Aug 2024 11:07

Tgt Ion:196 Resp: 643602

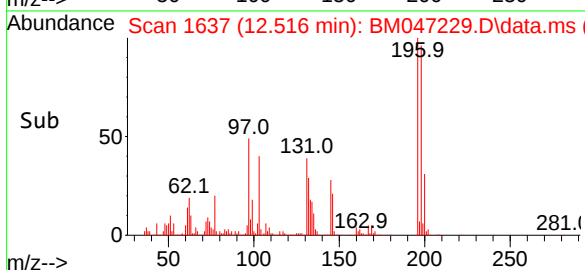
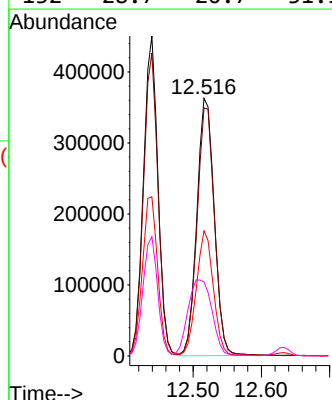
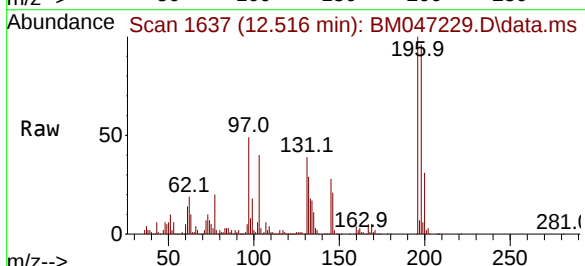
Ion Ratio Lower Upper

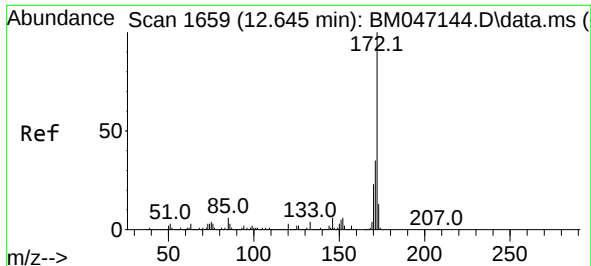
196 100

198 96.3 77.7 116.5

97 48.6 39.8 59.8

132 28.7 20.7 31.1

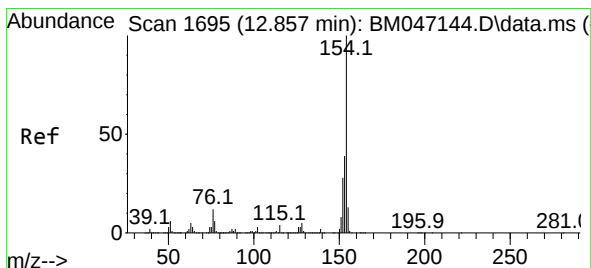
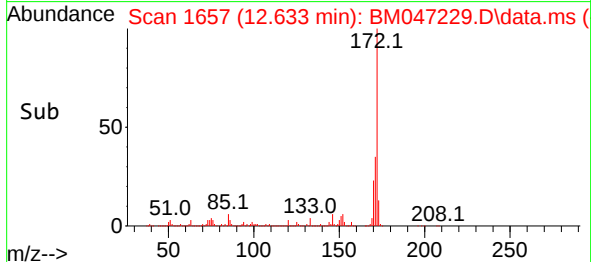
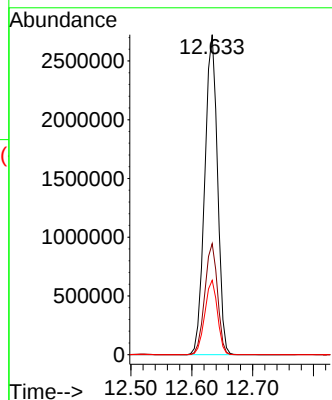
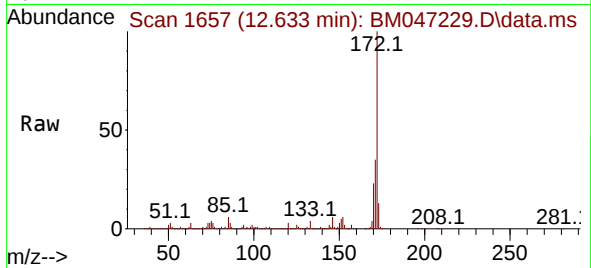




#45
2-Fluorobiphenyl
Concen: 89.097 ng
RT: 12.633 min Scan# 1657
Delta R.T. -0.012 min
Lab File: BM047229.D
Acq: 16 Aug 2024 11:07

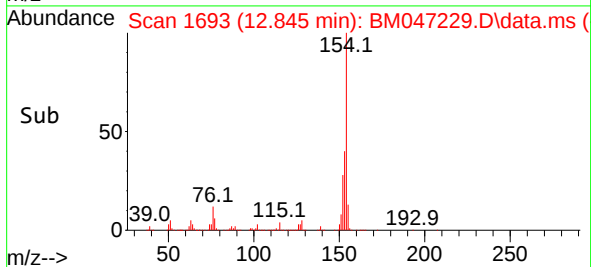
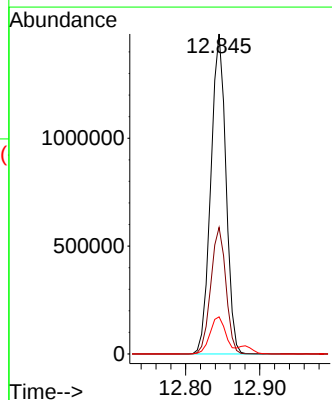
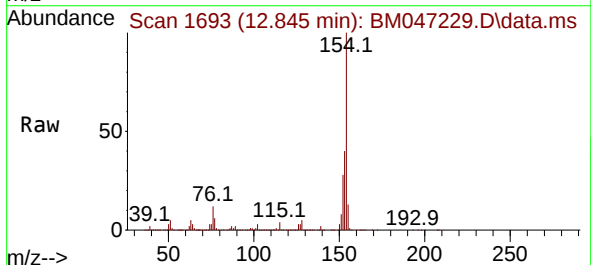
Instrument :
BNA_M
ClientSampleId :
PB162754BS

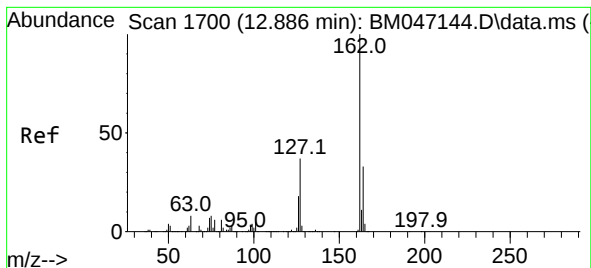
Tgt Ion:172 Resp: 3978693
Ion Ratio Lower Upper
172 100
171 34.7 27.8 41.6
170 23.2 18.7 28.1



#46
1,1'-Biphenyl
Concen: 42.787 ng
RT: 12.845 min Scan# 1693
Delta R.T. -0.012 min
Lab File: BM047229.D
Acq: 16 Aug 2024 11:07

Tgt Ion:154 Resp: 2098225
Ion Ratio Lower Upper
154 100
153 39.5 19.0 59.0
76 11.6 0.0 31.9

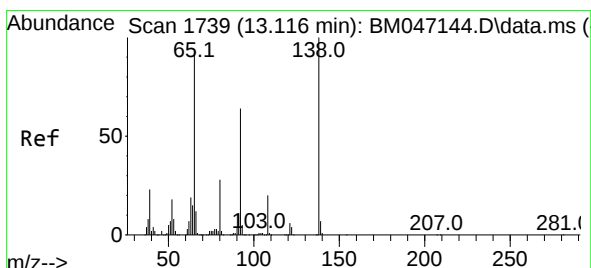
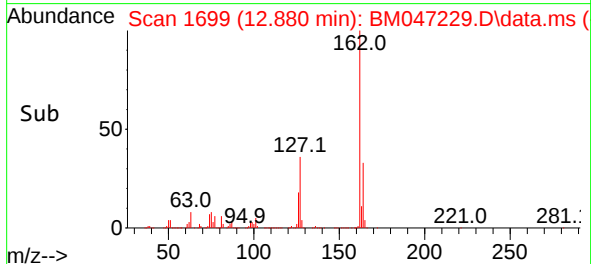
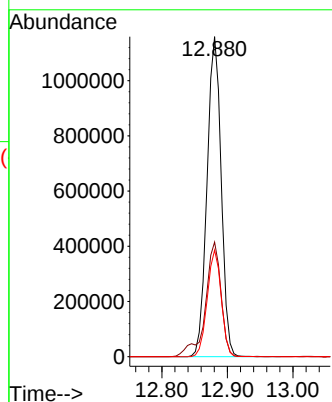
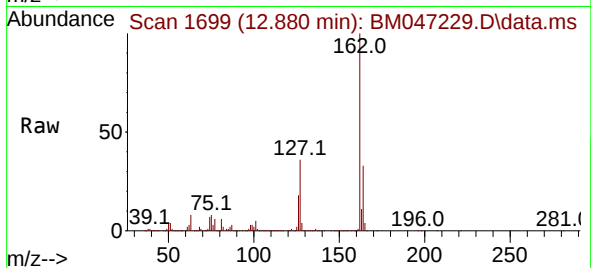




#47
2-Chloronaphthalene
Concen: 45.306 ng
RT: 12.880 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM047229.D
Acq: 16 Aug 2024 11:07

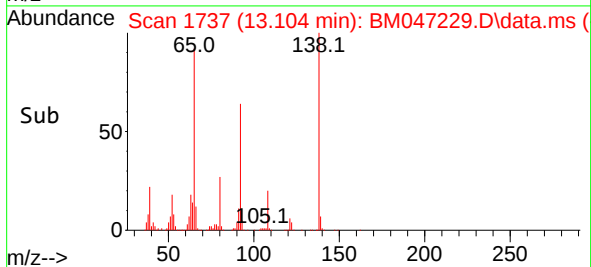
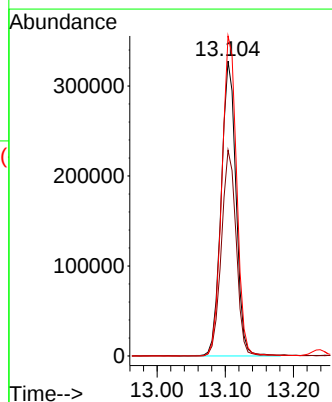
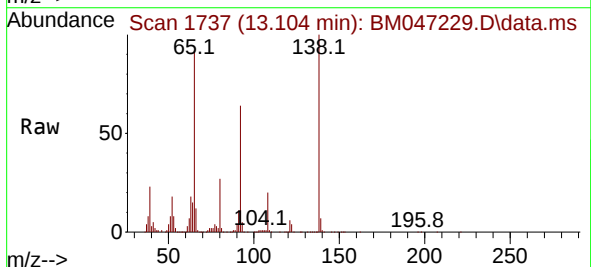
Instrument :
BNA_M
ClientSampleId :
PB162754BS

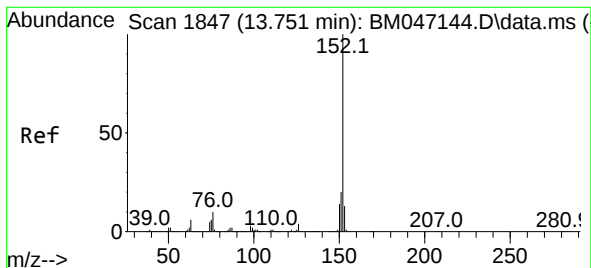
Tgt Ion:162 Resp: 1736515
Ion Ratio Lower Upper
162 100
127 35.8 30.0 45.0
164 33.3 26.3 39.5



#48
2-Nitroaniline
Concen: 41.413 ng
RT: 13.104 min Scan# 1737
Delta R.T. -0.012 min
Lab File: BM047229.D
Acq: 16 Aug 2024 11:07

Tgt Ion: 65 Resp: 497281
Ion Ratio Lower Upper
65 100
92 69.8 55.1 82.7
138 108.5 85.9 128.9





#49

Acenaphthylene

Concen: 47.299 ng

RT: 13.739 min Scan# 1845

Delta R.T. -0.012 min

Lab File: BM047229.D

Acq: 16 Aug 2024 11:07

Instrument :

BNA_M

ClientSampleId :

PB162754BS

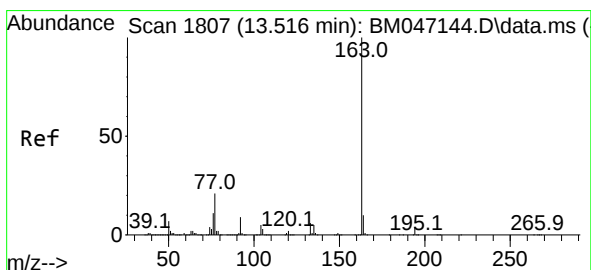
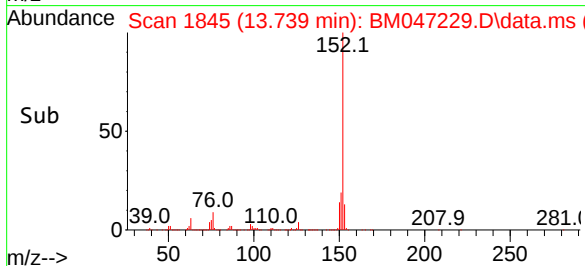
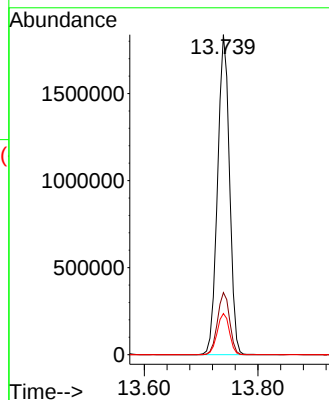
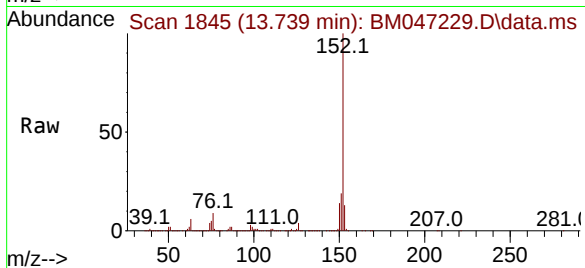
Tgt Ion:152 Resp: 2672273

Ion Ratio Lower Upper

152 100

151 19.4 15.8 23.6

153 12.8 10.4 15.6



#50

Dimethylphthalate

Concen: 42.698 ng

RT: 13.504 min Scan# 1805

Delta R.T. -0.012 min

Lab File: BM047229.D

Acq: 16 Aug 2024 11:07

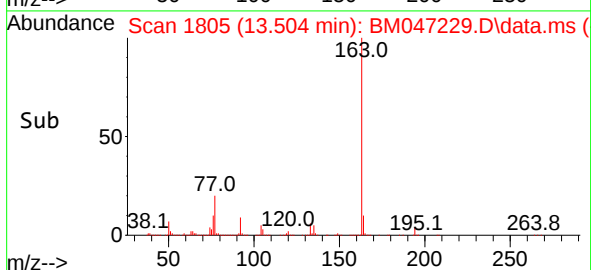
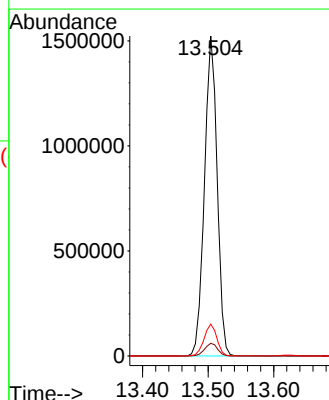
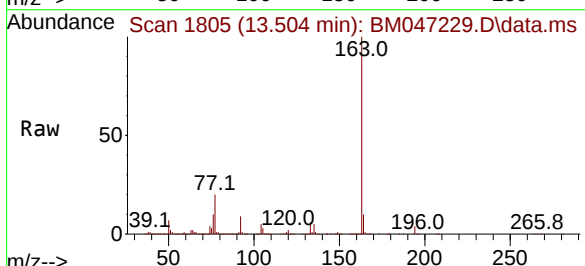
Tgt Ion:163 Resp: 2054116

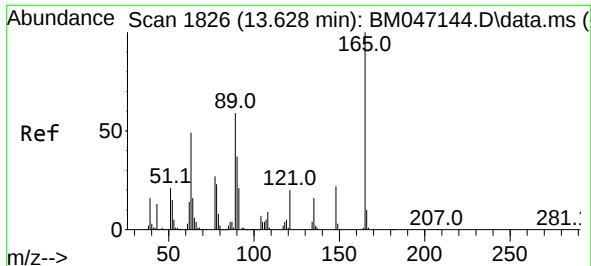
Ion Ratio Lower Upper

163 100

194 4.0 3.0 4.6

164 10.0 8.0 12.0

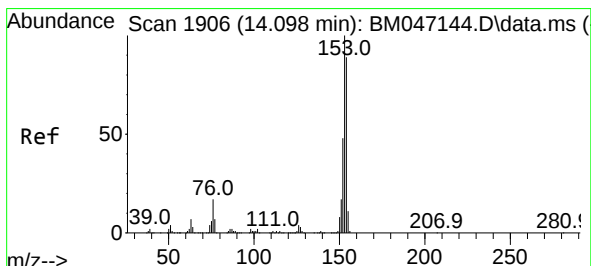
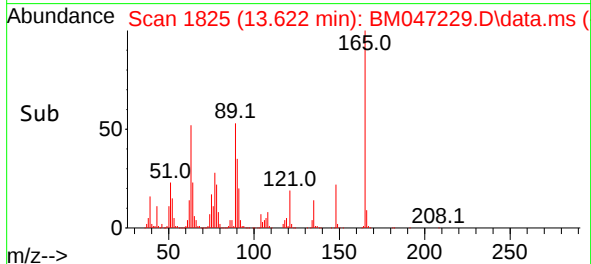
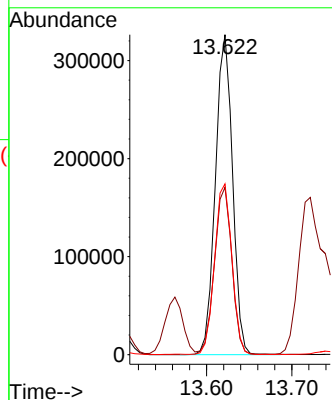
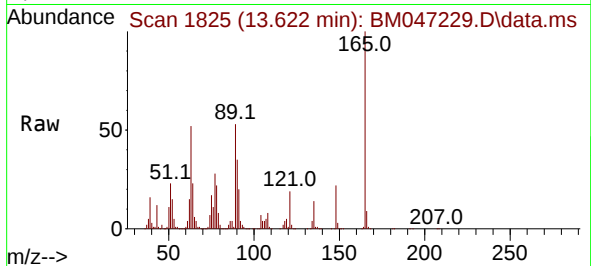




#51
2,6-Dinitrotoluene
Concen: 40.563 ng
RT: 13.622 min Scan# 1826
Delta R.T. -0.006 min
Lab File: BM047229.D
Acq: 16 Aug 2024 11:07

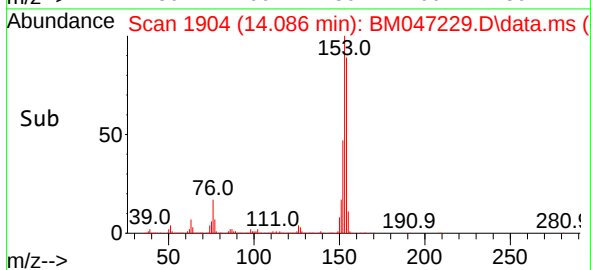
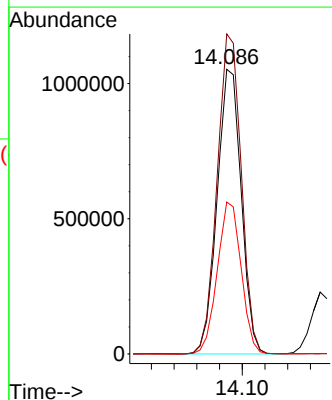
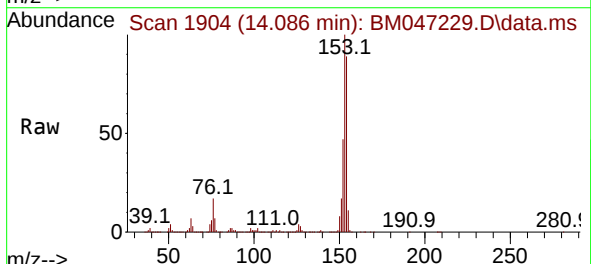
Instrument :
BNA_M
ClientSampleId :
PB162754BS

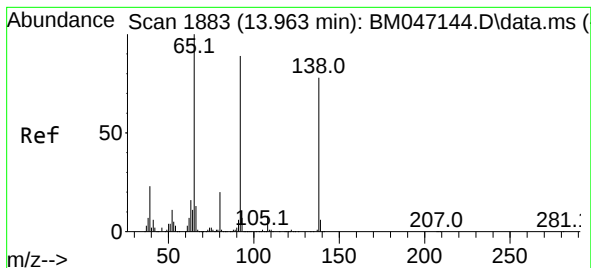
Tgt Ion:165 Resp: 456167
Ion Ratio Lower Upper
165 100
63 52.3 46.5 69.7
89 53.4 47.3 70.9



#52
Acenaphthene
Concen: 43.315 ng
RT: 14.086 min Scan# 1904
Delta R.T. -0.012 min
Lab File: BM047229.D
Acq: 16 Aug 2024 11:07

Tgt Ion:154 Resp: 1552324
Ion Ratio Lower Upper
154 100
153 112.4 90.3 135.5
152 53.4 42.9 64.3

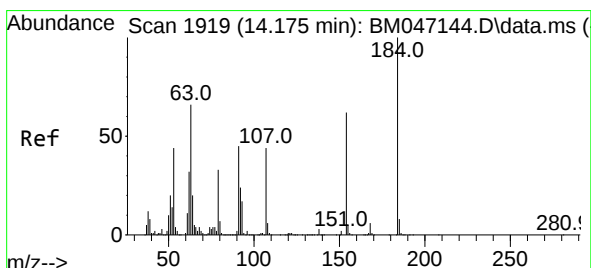
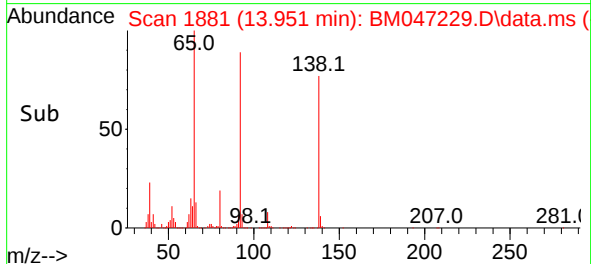
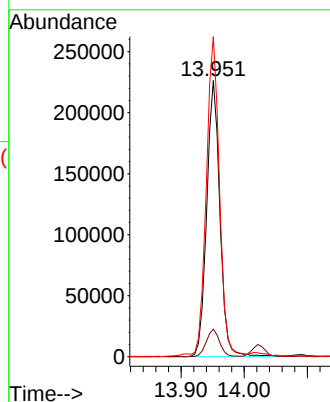
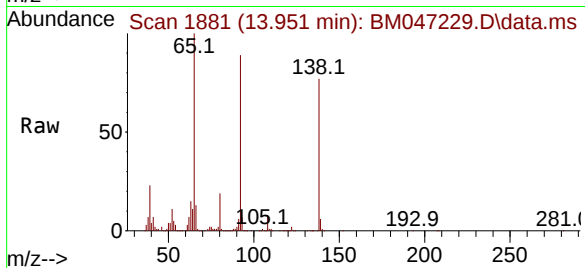




#53
3-Nitroaniline
Concen: 29.206 ng
RT: 13.951 min Scan# 1881
Delta R.T. -0.012 min
Lab File: BM047229.D
Acq: 16 Aug 2024 11:07

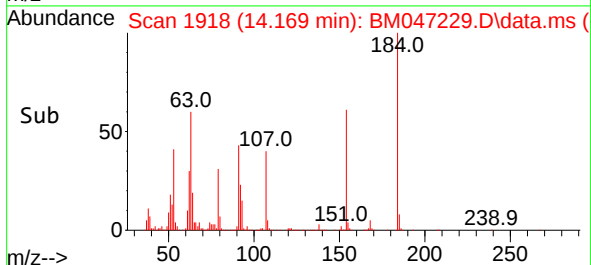
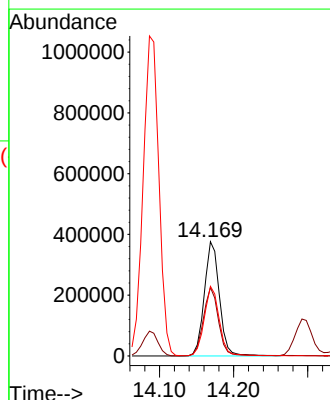
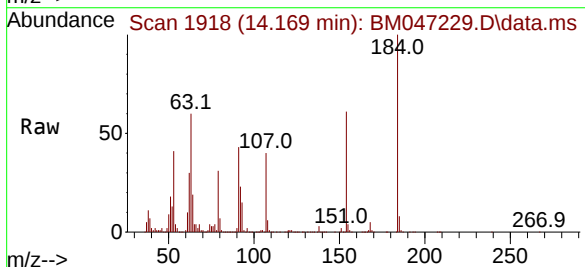
Instrument :
BNA_M
ClientSampleId :
PB162754BS

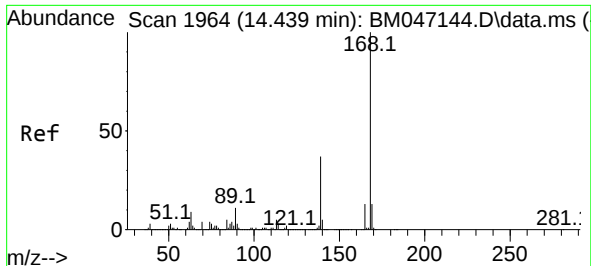
Tgt Ion:138 Resp: 329124
Ion Ratio Lower Upper
138 100
108 9.9 7.9 11.9
92 115.9 92.0 138.0



#54
2,4-Dinitrophenol
Concen: 79.071 ng
RT: 14.169 min Scan# 1918
Delta R.T. -0.006 min
Lab File: BM047229.D
Acq: 16 Aug 2024 11:07

Tgt Ion:184 Resp: 532957
Ion Ratio Lower Upper
184 100
63 59.9 52.7 79.1
154 60.9 50.4 75.6

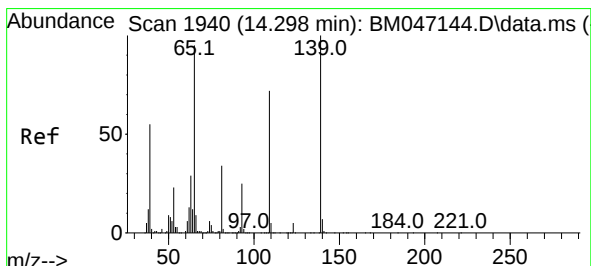
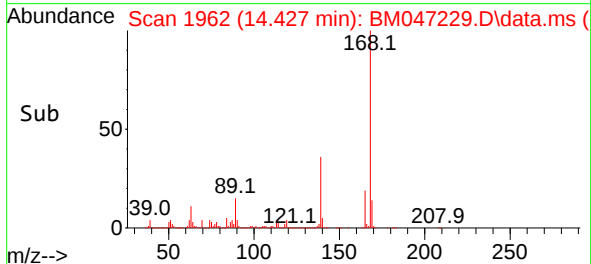
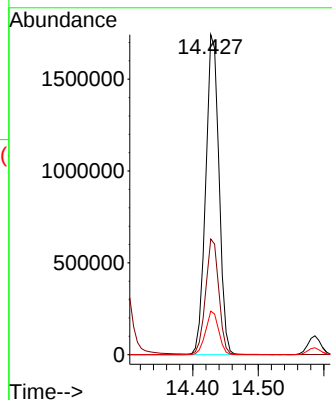
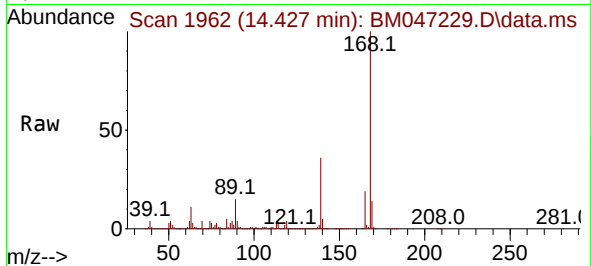




#55
Dibenzofuran
Concen: 43.471 ng
RT: 14.427 min Scan# 1962
Delta R.T. -0.012 min
Lab File: BM047229.D
Acq: 16 Aug 2024 11:07

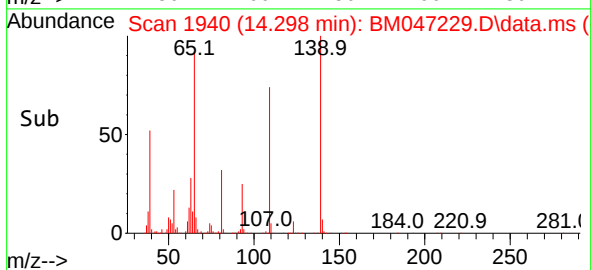
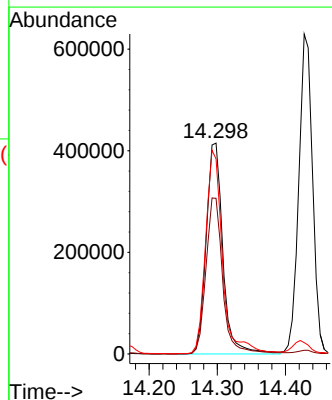
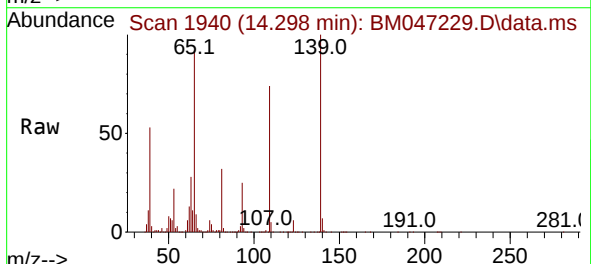
Instrument :
BNA_M
ClientSampleId :
PB162754BS

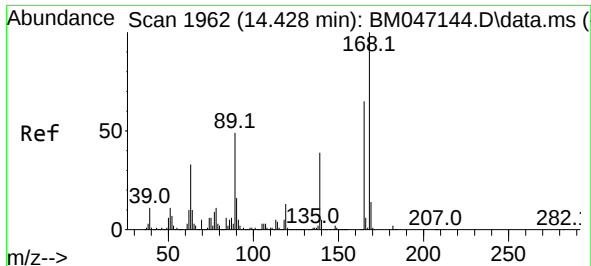
Tgt Ion:168 Resp: 2460795
Ion Ratio Lower Upper
168 100
139 36.1 29.6 44.4
169 13.6 10.7 16.1



#56
4-Nitrophenol
Concen: 72.802 ng
RT: 14.298 min Scan# 1940
Delta R.T. 0.000 min
Lab File: BM047229.D
Acq: 16 Aug 2024 11:07

Tgt Ion:139 Resp: 707436
Ion Ratio Lower Upper
139 100
109 73.8 52.5 92.5
65 92.5 75.4 115.4





#57

2,4-Dinitrotoluene

Concen: 39.454 ng

RT: 14.422 min Scan# 1962

Delta R.T. -0.006 min

Lab File: BM047229.D

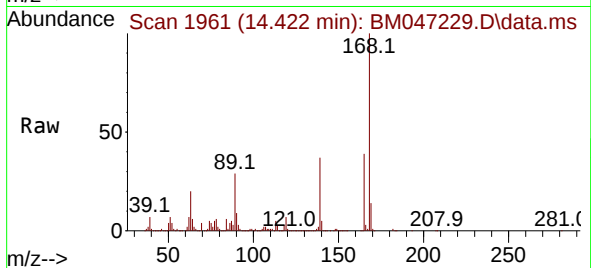
Acq: 16 Aug 2024 11:07

Instrument :

BNA_M

ClientSampleId :

PB162754BS



Tgt Ion:165 Resp: 592233

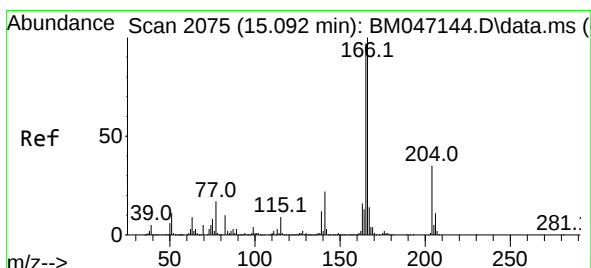
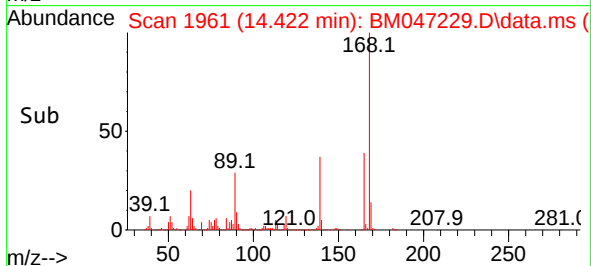
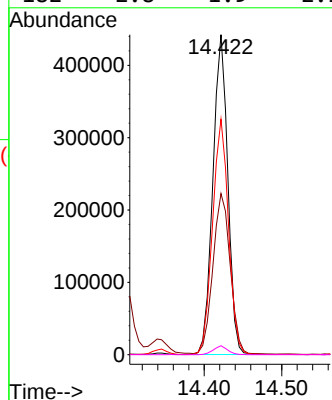
Ion Ratio Lower Upper

165 100

63 50.4 40.3 60.5

89 73.6 61.0 91.6

182 2.8 1.9 2.9



#58

Fluorene

Concen: 41.310 ng

RT: 15.086 min Scan# 2074

Delta R.T. -0.006 min

Lab File: BM047229.D

Acq: 16 Aug 2024 11:07

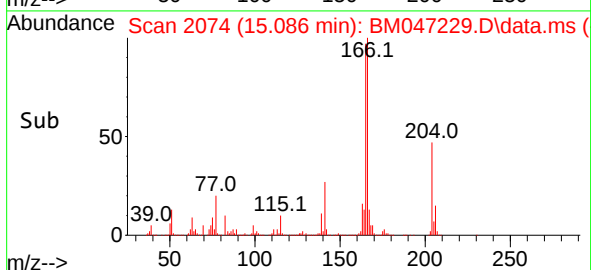
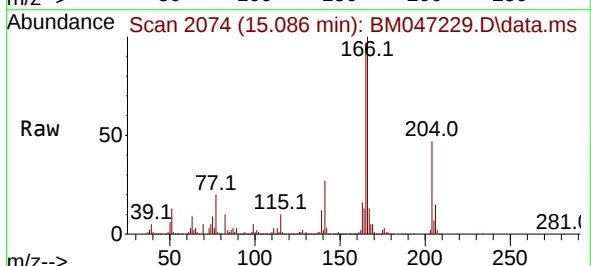
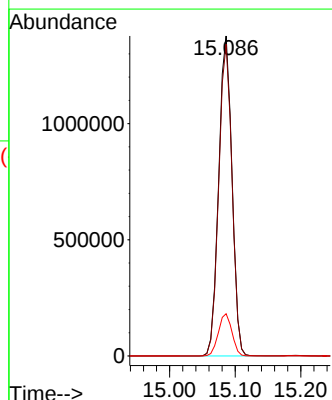
Tgt Ion:166 Resp: 1929510

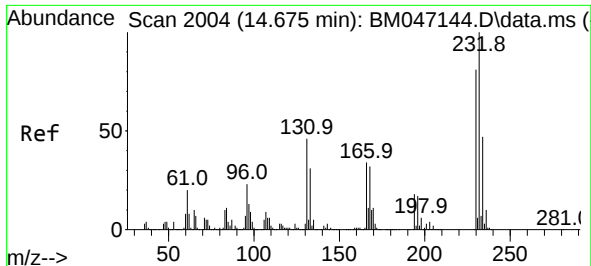
Ion Ratio Lower Upper

166 100

165 97.5 77.4 116.0

167 13.2 11.0 16.6

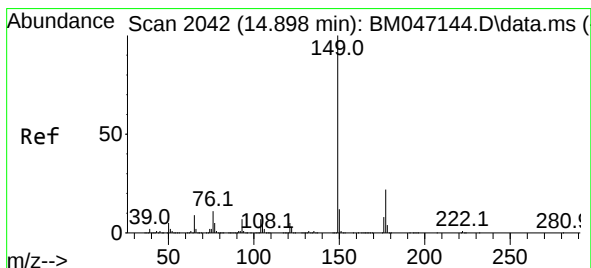
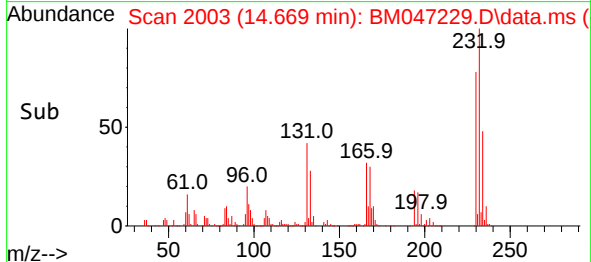
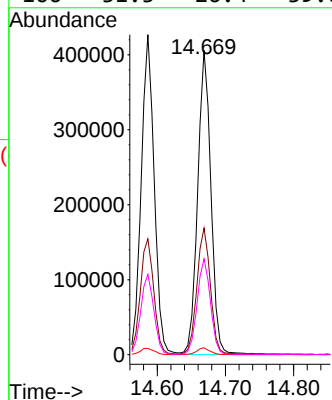
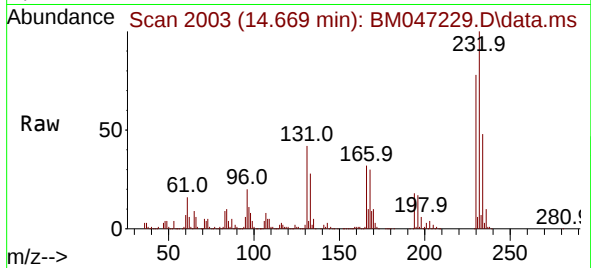




#59
2,3,4,6-Tetrachlorophenol
Concen: 44.675 ng
RT: 14.669 min Scan# 2004
Delta R.T. -0.006 min
Lab File: BM047229.D
Acq: 16 Aug 2024 11:07

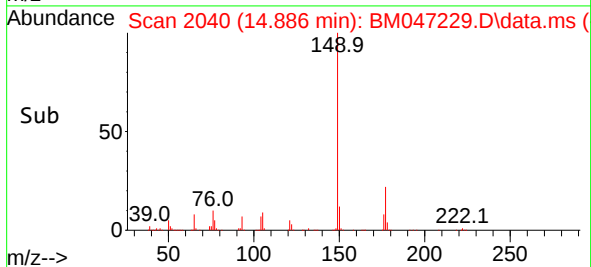
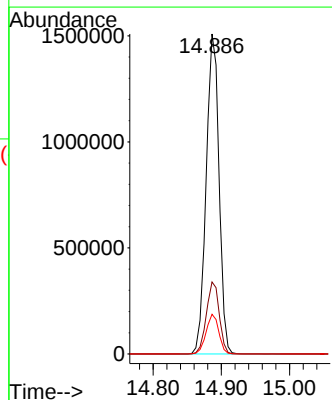
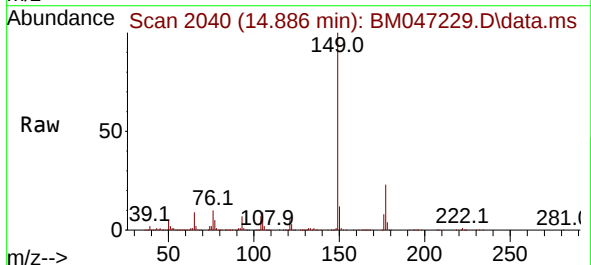
Instrument :
BNA_M
ClientSampleId :
PB162754BS

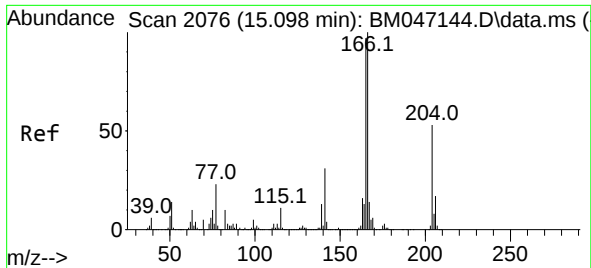
Tgt Ion:232 Resp: 544397
Ion Ratio Lower Upper
232 100
131 42.0 36.9 55.3
130 2.3 2.0 3.0
166 31.3 26.4 39.6



#60
Diethylphthalate
Concen: 40.249 ng
RT: 14.886 min Scan# 2040
Delta R.T. -0.012 min
Lab File: BM047229.D
Acq: 16 Aug 2024 11:07

Tgt Ion:149 Resp: 1977331
Ion Ratio Lower Upper
149 100
177 22.5 17.6 26.4
150 12.4 9.8 14.6

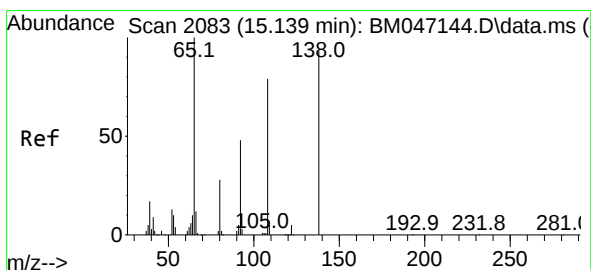
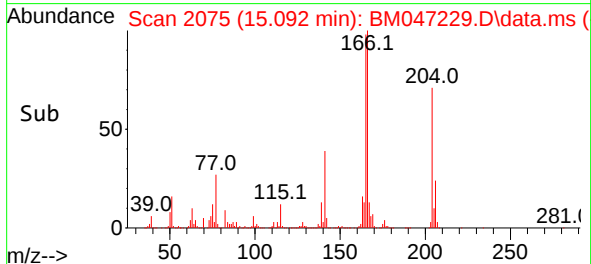
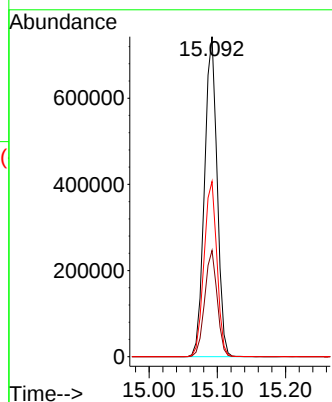
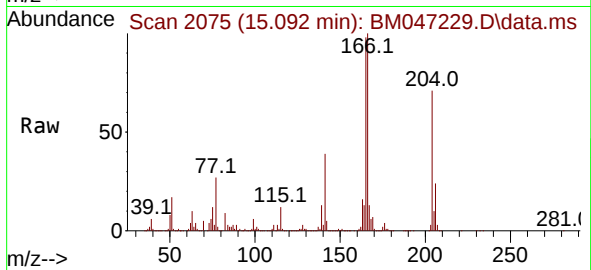




#61
4-Chlorophenyl-phenylether
Concen: 43.044 ng
RT: 15.092 min Scan# 2076
Delta R.T. -0.006 min
Lab File: BM047229.D
Acq: 16 Aug 2024 11:07

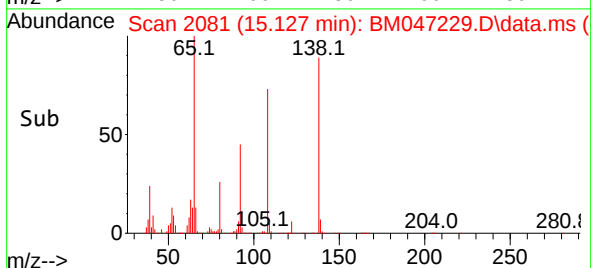
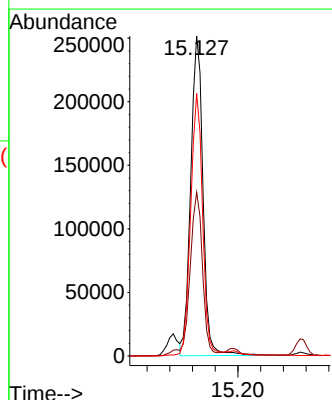
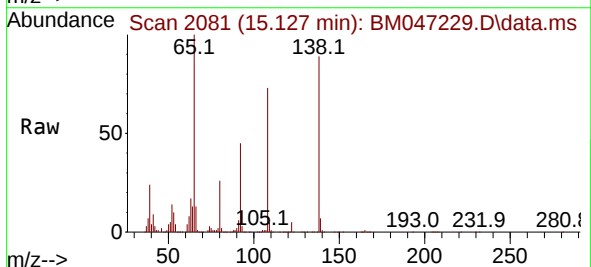
Instrument :
BNA_M
ClientSampleId :
PB162754BS

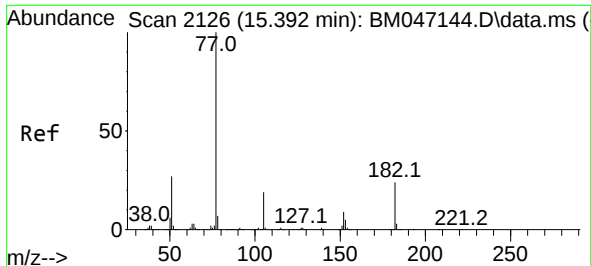
Tgt Ion:204 Resp: 957159
Ion Ratio Lower Upper
204 100
206 33.2 26.2 39.4
141 54.7 47.2 70.8



#62
4-Nitroaniline
Concen: 34.000 ng
RT: 15.127 min Scan# 2081
Delta R.T. -0.012 min
Lab File: BM047229.D
Acq: 16 Aug 2024 11:07

Tgt Ion:138 Resp: 377459
Ion Ratio Lower Upper
138 100
92 51.2 31.9 71.9
108 82.0 63.8 103.8

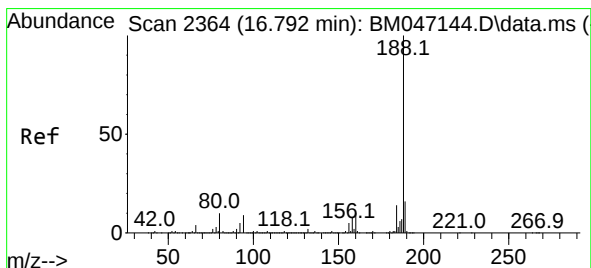
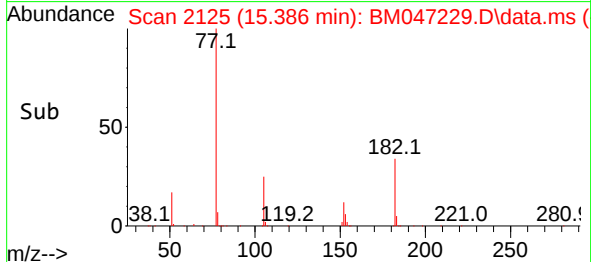
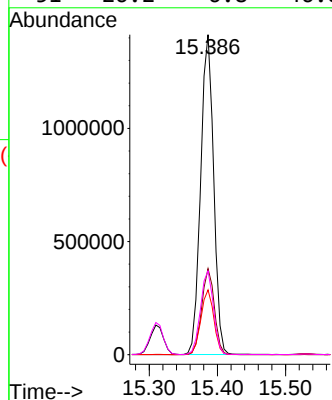
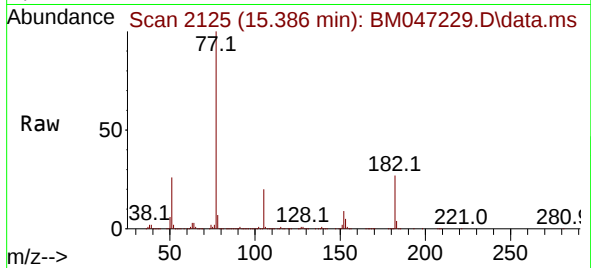




#63
Azobenzene
Concen: 40.093 ng
RT: 15.386 min Scan# 2125
Delta R.T. -0.006 min
Lab File: BM047229.D
Acq: 16 Aug 2024 11:07

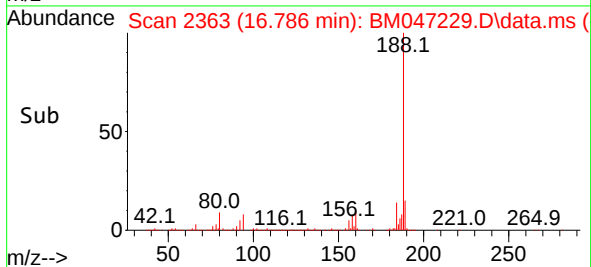
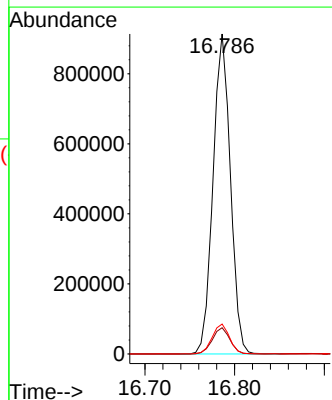
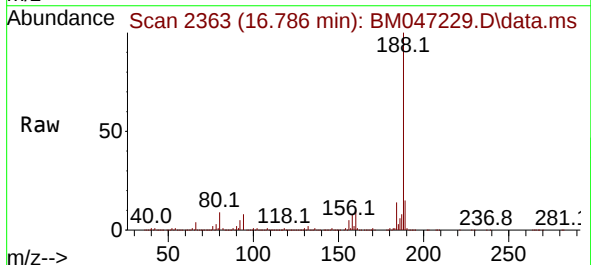
Instrument :
BNA_M
ClientSampleId :
PB162754BS

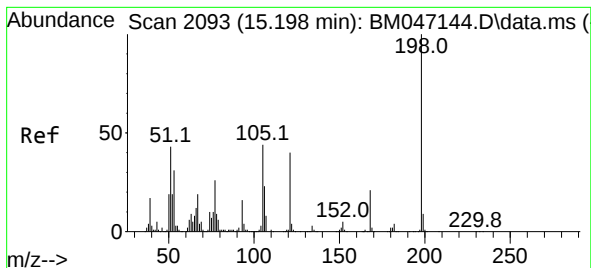
Tgt Ion: 77 Resp: 1867546
Ion Ratio Lower Upper
77 100
182 26.9 3.8 43.8
105 20.3 0.0 39.5
51 26.2 6.8 46.8



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.786 min Scan# 2363
Delta R.T. -0.006 min
Lab File: BM047229.D
Acq: 16 Aug 2024 11:07

Tgt Ion:188 Resp: 1226170
Ion Ratio Lower Upper
188 100
94 8.2 7.0 10.6
80 9.3 8.0 12.0

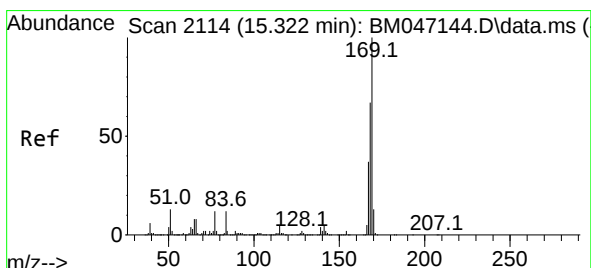
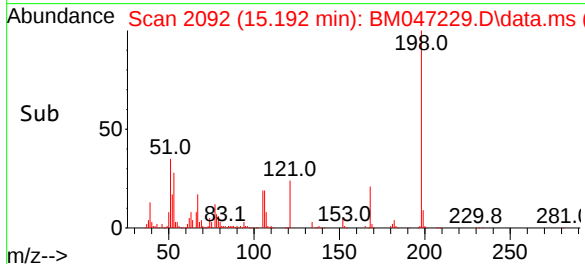
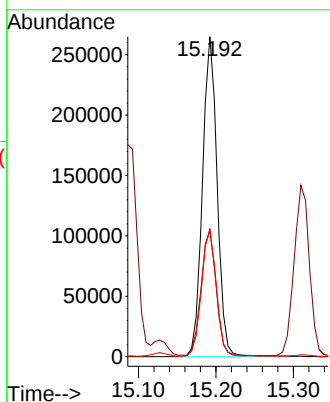
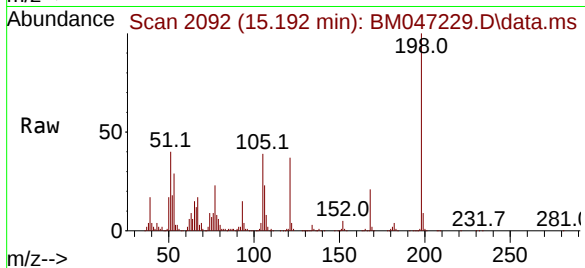




#65
4,6-Dinitro-2-methylphenol
Concen: 48.633 ng
RT: 15.192 min Scan# 2092
Delta R.T. -0.006 min
Lab File: BM047229.D
Acq: 16 Aug 2024 11:07

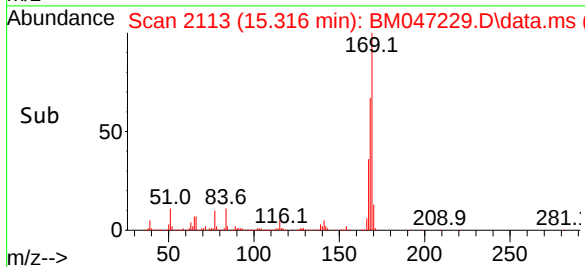
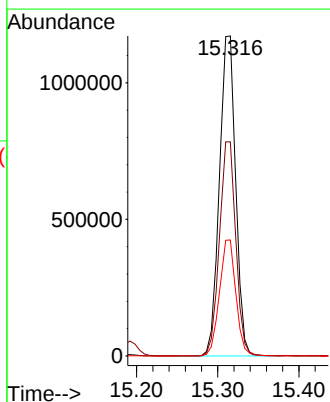
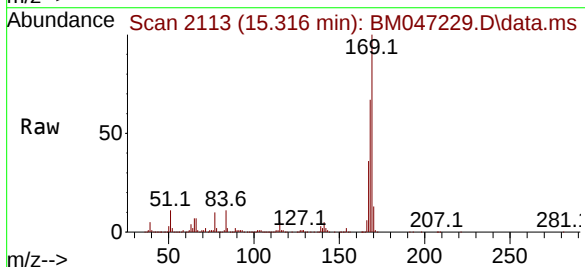
Instrument :
BNA_M
ClientSampleId :
PB162754BS

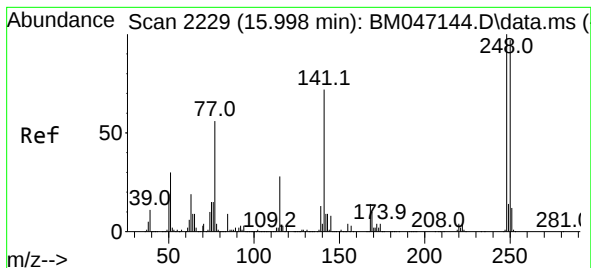
Tgt Ion:198 Resp: 349137
Ion Ratio Lower Upper
198 100
51 39.9 23.9 63.9
105 39.4 24.3 64.3



#66
n-Nitrosodiphenylamine
Concen: 48.916 ng
RT: 15.316 min Scan# 2113
Delta R.T. -0.006 min
Lab File: BM047229.D
Acq: 16 Aug 2024 11:07

Tgt Ion:169 Resp: 1633698
Ion Ratio Lower Upper
169 100
168 66.9 53.8 80.8
167 36.2 29.3 43.9

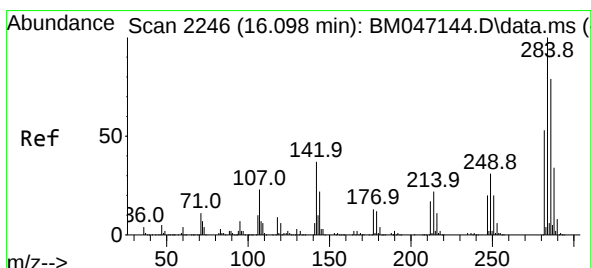
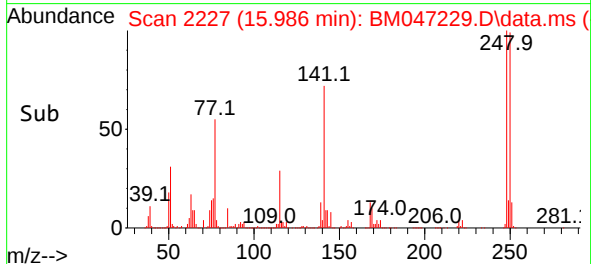
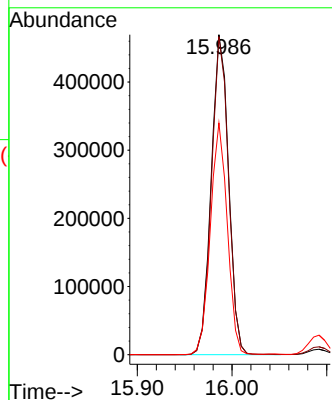
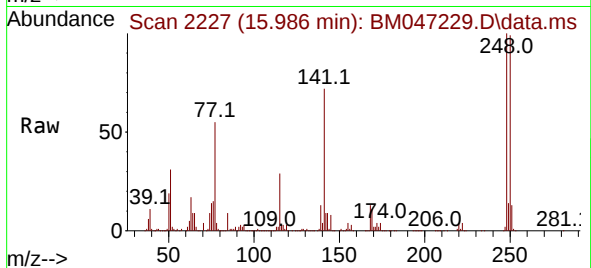




#67
4-Bromophenyl-phenylether
Concen: 50.561 ng
RT: 15.986 min Scan# 21
Delta R.T. -0.012 min
Lab File: BM047229.D
Acq: 16 Aug 2024 11:07

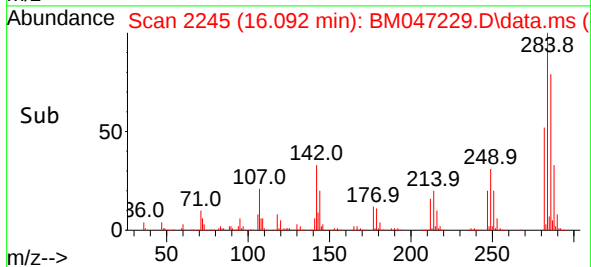
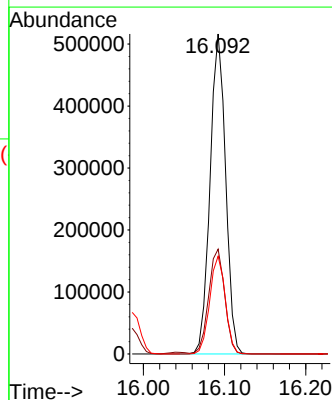
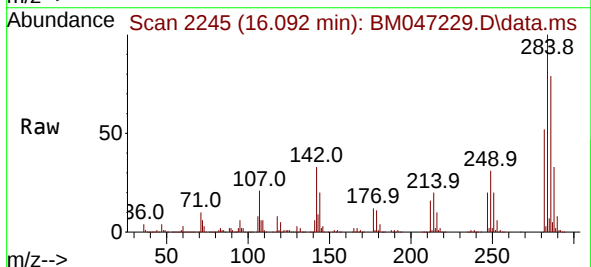
Instrument :
BNA_M
ClientSampleId :
PB162754BS

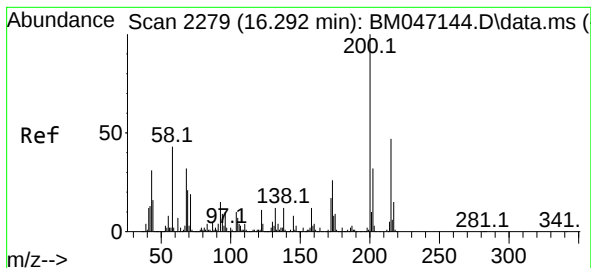
Tgt Ion:248 Resp: 597405
Ion Ratio Lower Upper
248 100
250 99.4 77.8 116.8
141 72.4 57.7 86.5



#68
Hexachlorobenzene
Concen: 48.396 ng
RT: 16.092 min Scan# 2245
Delta R.T. -0.006 min
Lab File: BM047229.D
Acq: 16 Aug 2024 11:07

Tgt Ion:284 Resp: 684847
Ion Ratio Lower Upper
284 100
142 32.8 29.4 44.0
249 30.5 25.1 37.7





#69

Atrazine

Concen: 48.632 ng

RT: 16.286 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM047229.D

Acq: 16 Aug 2024 11:07

Instrument :

BNA_M

ClientSampleId :

PB162754BS

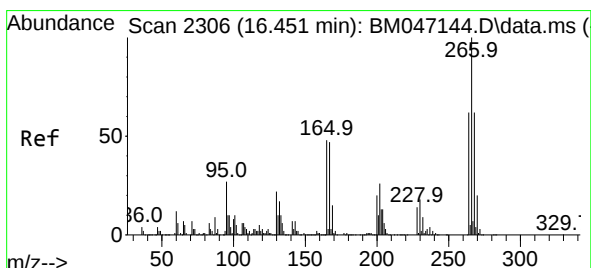
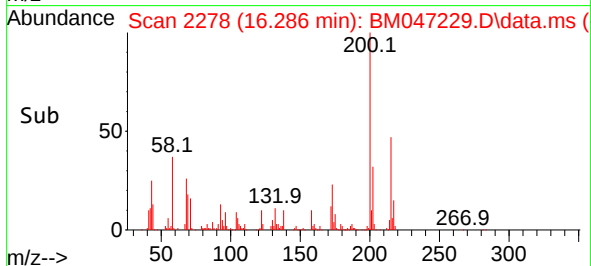
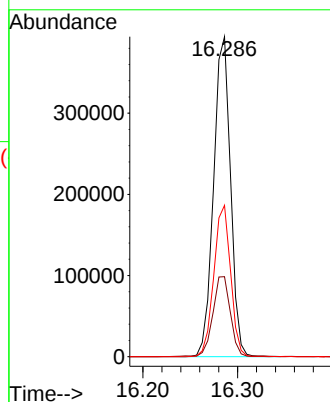
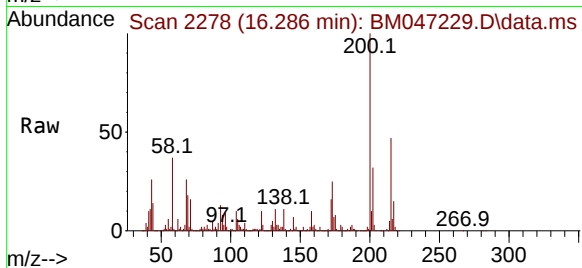
Tgt Ion:200 Resp: 488747

Ion Ratio Lower Upper

200 100

173 25.0 6.1 46.1

215 47.3 26.8 66.8



#70

Pentachlorophenol

Concen: 85.604 ng

RT: 16.445 min Scan# 2305

Delta R.T. -0.006 min

Lab File: BM047229.D

Acq: 16 Aug 2024 11:07

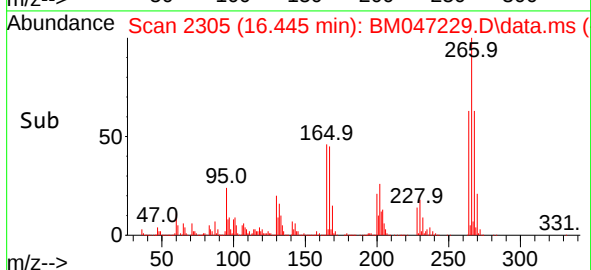
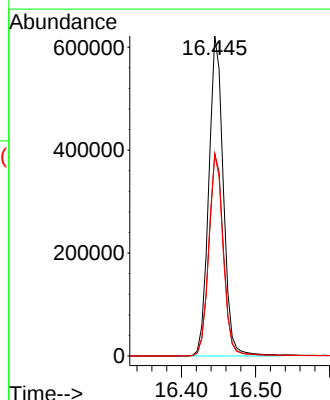
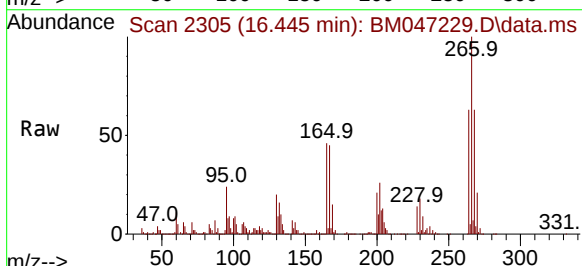
Tgt Ion:266 Resp: 849159

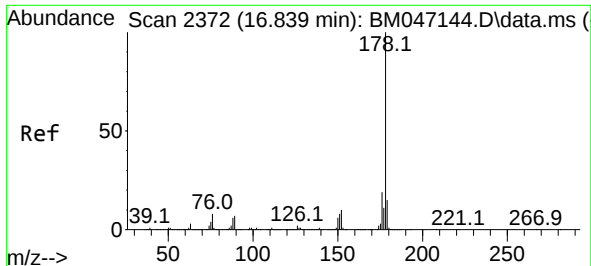
Ion Ratio Lower Upper

266 100

268 63.2 49.8 74.6

264 63.1 49.6 74.4

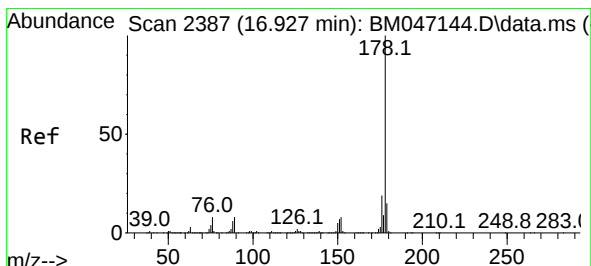
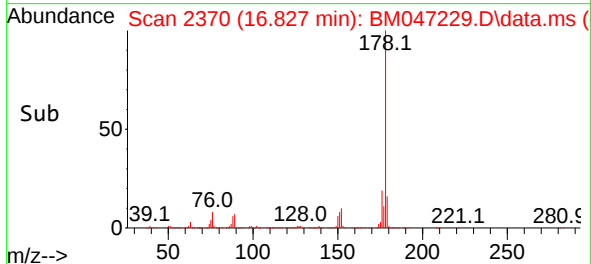
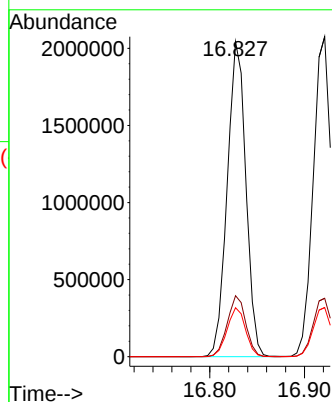
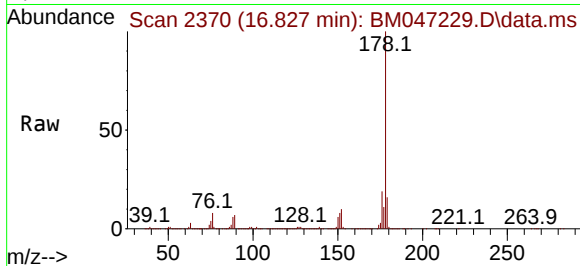




#71
Phenanthrene
Concen: 45.477 ng
RT: 16.827 min Scan# 21
Delta R.T. -0.012 min
Lab File: BM047229.D
Acq: 16 Aug 2024 11:07

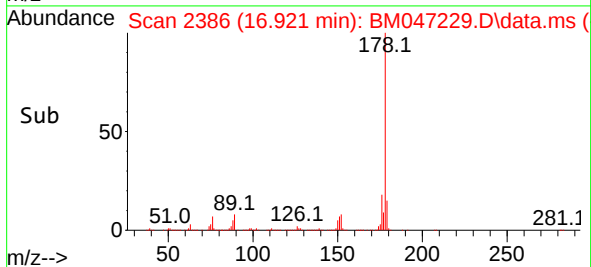
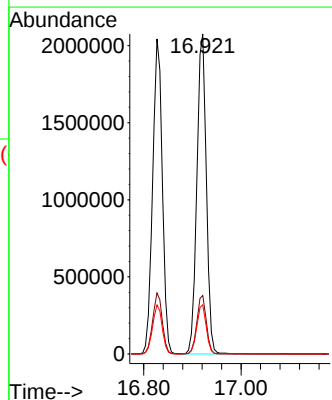
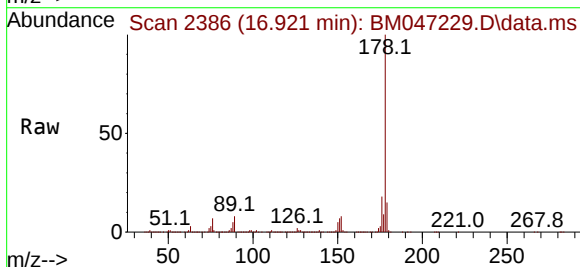
Instrument :
BNA_M
ClientSampleId :
PB162754BS

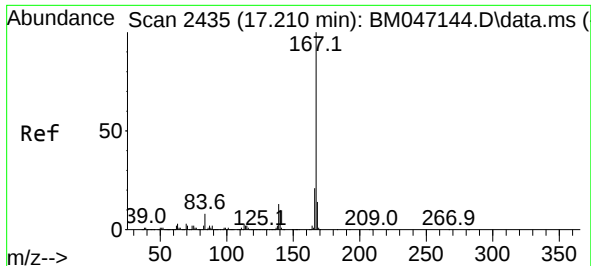
Tgt Ion:178 Resp: 2798487
Ion Ratio Lower Upper
178 100
176 19.3 15.3 22.9
179 15.5 12.4 18.6



#72
Anthracene
Concen: 47.060 ng
RT: 16.921 min Scan# 2386
Delta R.T. -0.006 min
Lab File: BM047229.D
Acq: 16 Aug 2024 11:07

Tgt Ion:178 Resp: 2817787
Ion Ratio Lower Upper
178 100
176 18.3 14.8 22.2
179 15.4 12.4 18.6

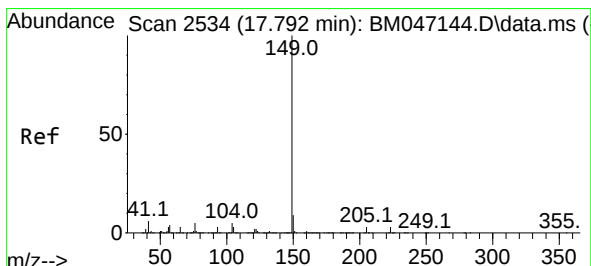
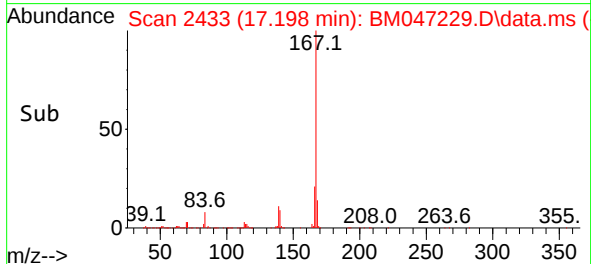
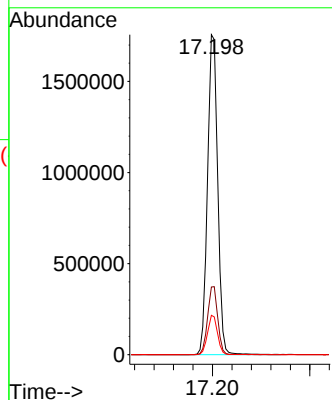
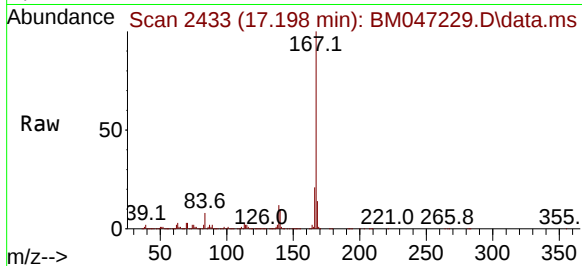




#73
 Carbazole
 Concen: 41.489 ng
 RT: 17.198 min Scan# 2435
 Delta R.T. -0.012 min
 Lab File: BM047229.D
 Acq: 16 Aug 2024 11:07

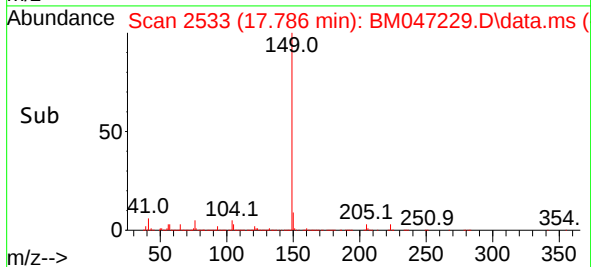
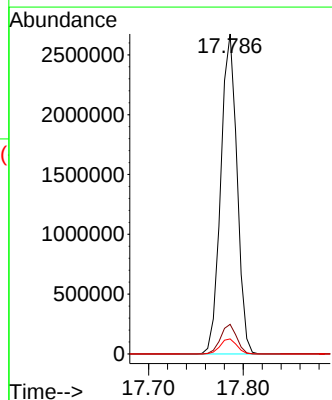
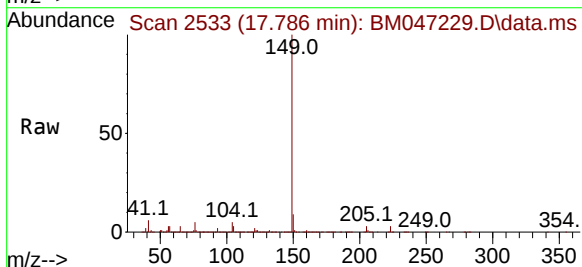
Instrument :
 BNA_M
 ClientSampleId :
 PB162754BS

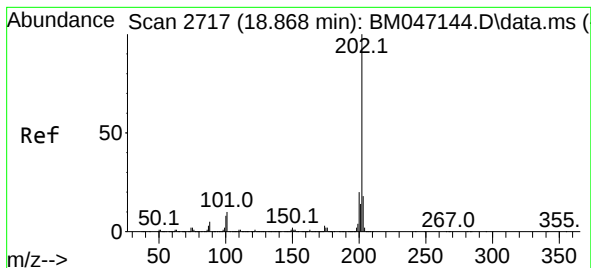
Tgt Ion:167 Resp: 2536421
 Ion Ratio Lower Upper
 167 100
 166 21.1 17.1 25.7
 139 12.3 10.0 15.0



#74
 Di-n-butylphthalate
 Concen: 44.924 ng
 RT: 17.786 min Scan# 2533
 Delta R.T. -0.006 min
 Lab File: BM047229.D
 Acq: 16 Aug 2024 11:07

Tgt Ion:149 Resp: 3195659
 Ion Ratio Lower Upper
 149 100
 150 9.3 7.5 11.3
 104 4.7 4.1 6.1

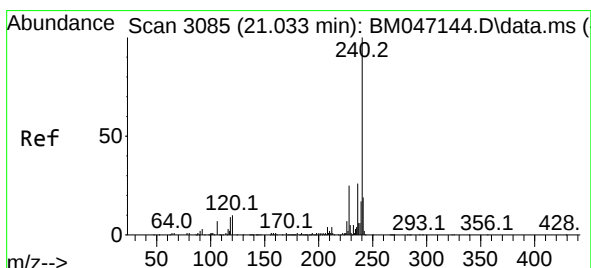
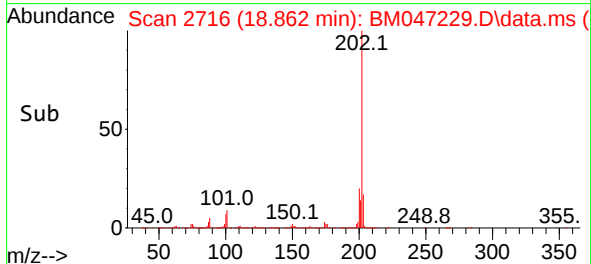
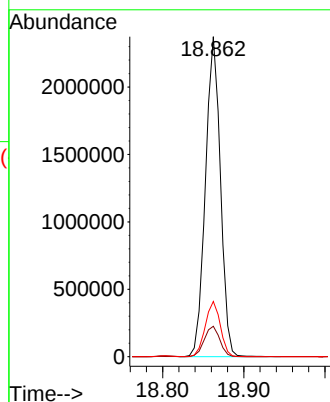
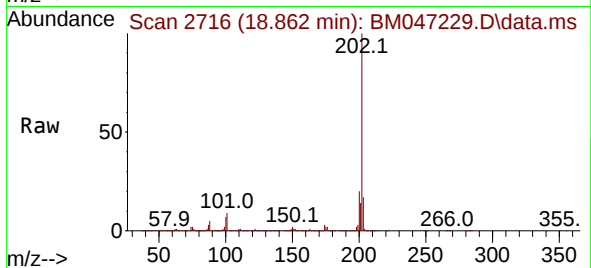




#75
Fluoranthene
Concen: 40.492 ng
RT: 18.862 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM047229.D
Acq: 16 Aug 2024 11:07

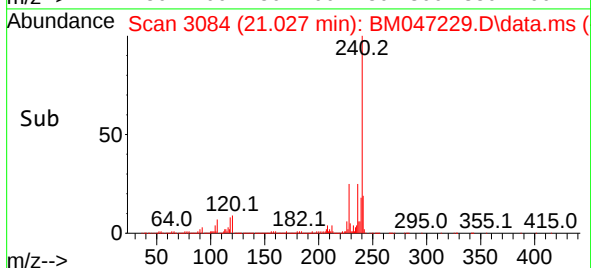
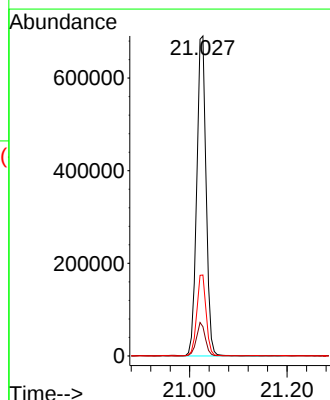
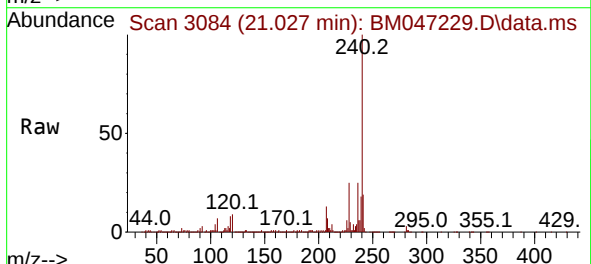
Instrument :
BNA_M
ClientSampleId :
PB162754BS

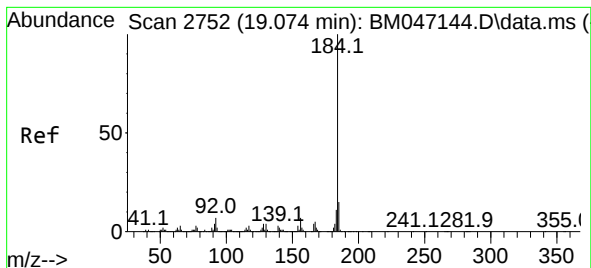
Tgt Ion:202 Resp: 3030759
Ion Ratio Lower Upper
202 100
101 9.5 0.0 30.2
203 17.2 0.0 37.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.027 min Scan# 3084
Delta R.T. -0.006 min
Lab File: BM047229.D
Acq: 16 Aug 2024 11:07

Tgt Ion:240 Resp: 924825
Ion Ratio Lower Upper
240 100
120 9.1 8.2 12.2
236 25.3 20.6 30.8





#77

Benzidine

Concen: 45.015 ng

RT: 19.068 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM047229.D

Acq: 16 Aug 2024 11:07

Instrument :

BNA_M

ClientSampleId :

PB162754BS

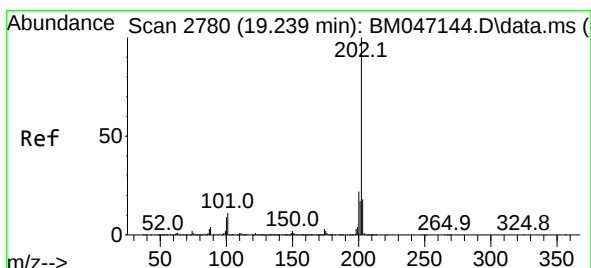
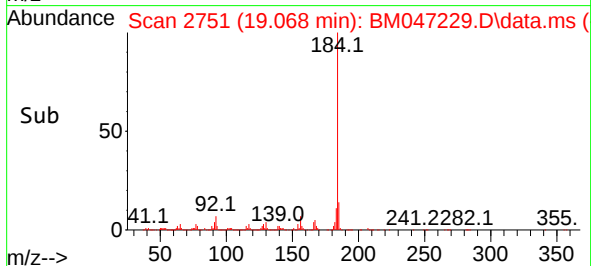
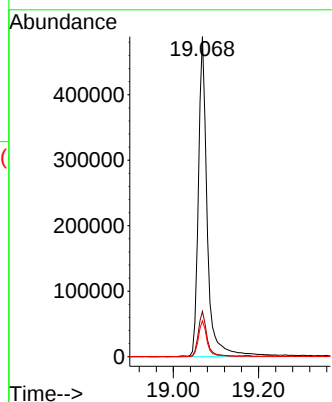
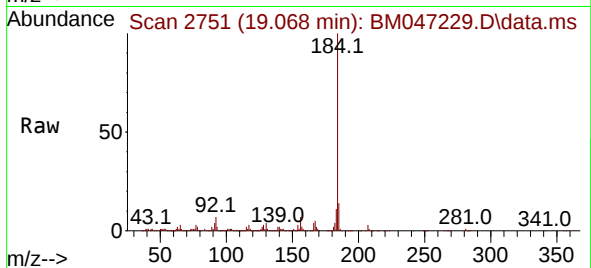
Tgt Ion:184 Resp: 705995

Ion Ratio Lower Upper

184 100

185 14.1 11.8 17.6

183 11.2 9.0 13.6



#78

Pyrene

Concen: 47.430 ng

RT: 19.227 min Scan# 2778

Delta R.T. -0.012 min

Lab File: BM047229.D

Acq: 16 Aug 2024 11:07

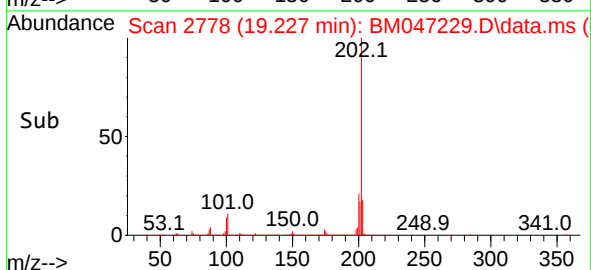
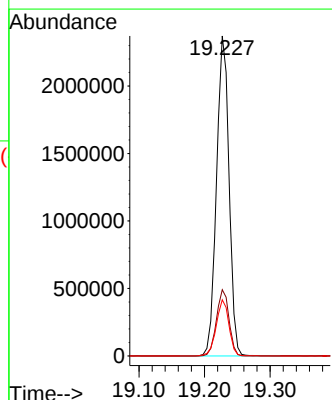
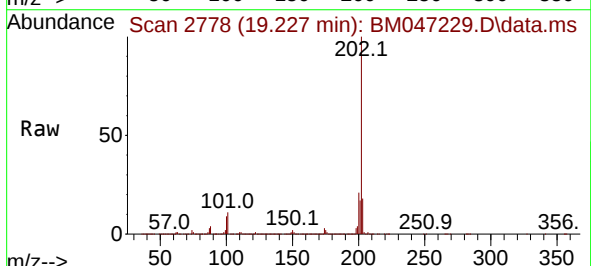
Tgt Ion:202 Resp: 3132040

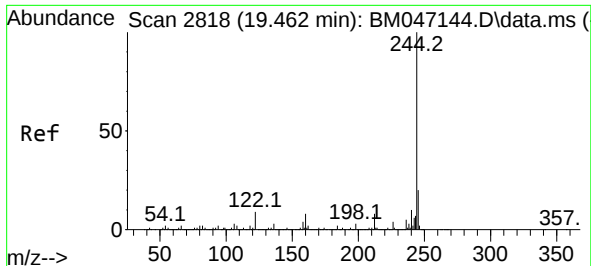
Ion Ratio Lower Upper

202 100

200 20.7 17.2 25.8

203 17.6 14.2 21.2

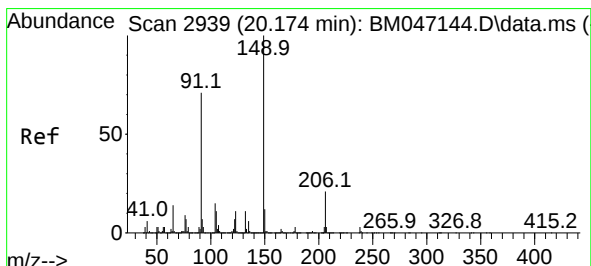
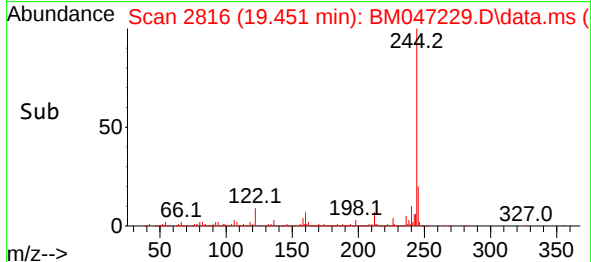
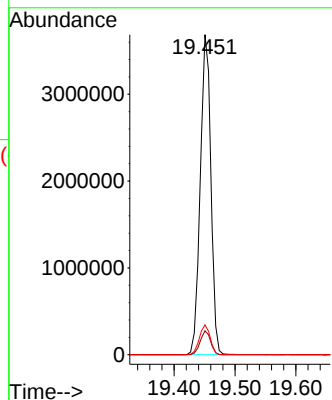
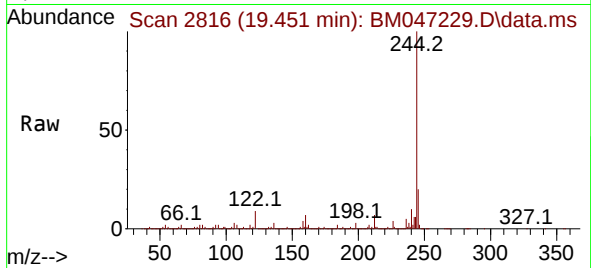




#79
 Terphenyl-d14
 Concen: 103.364 ng
 RT: 19.451 min Scan# 21
 Delta R.T. -0.012 min
 Lab File: BM047229.D
 Acq: 16 Aug 2024 11:07

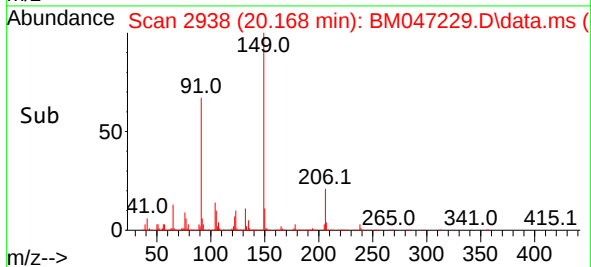
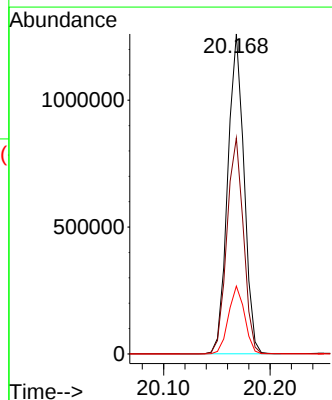
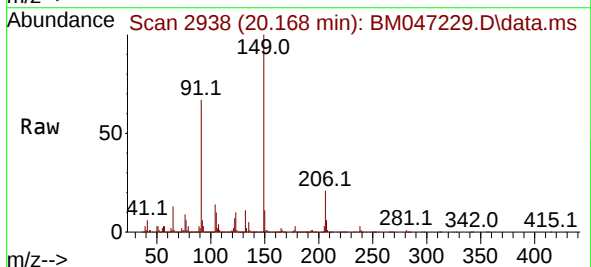
Instrument :
 BNA_M
 ClientSampleId :
 PB162754BS

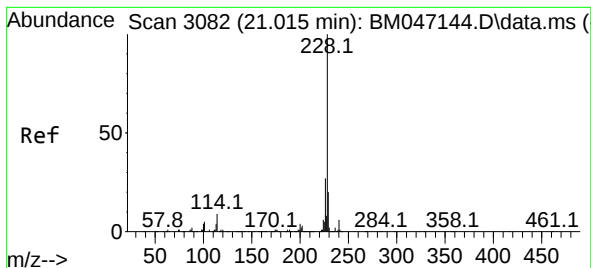
Tgt Ion:244 Resp: 4461207
 Ion Ratio Lower Upper
 244 100
 212 7.5 6.2 9.4
 122 9.3 7.1 10.7



#80
 Butylbenzylphthalate
 Concen: 49.618 ng
 RT: 20.168 min Scan# 2938
 Delta R.T. -0.006 min
 Lab File: BM047229.D
 Acq: 16 Aug 2024 11:07

Tgt Ion:149 Resp: 1337162
 Ion Ratio Lower Upper
 149 100
 91 67.5 57.0 85.4
 206 21.2 16.4 24.6





#81

Benzo(a)anthracene

Concen: 47.826 ng

RT: 21.009 min Scan# 3082

Delta R.T. -0.006 min

Lab File: BM047229.D

Acq: 16 Aug 2024 11:07

Instrument :

BNA_M

ClientSampleId :

PB162754BS

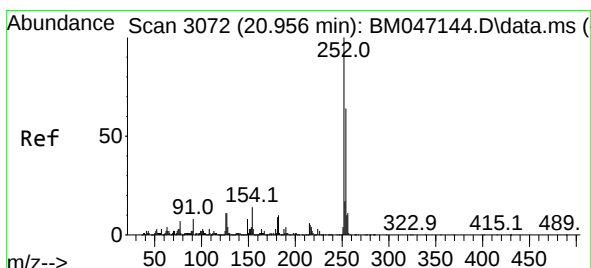
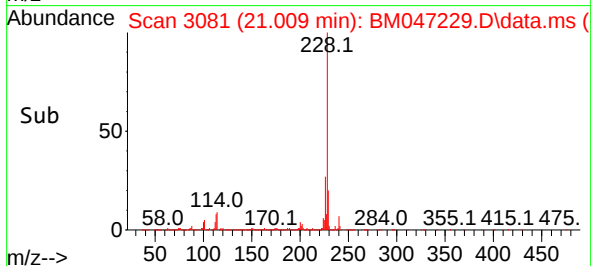
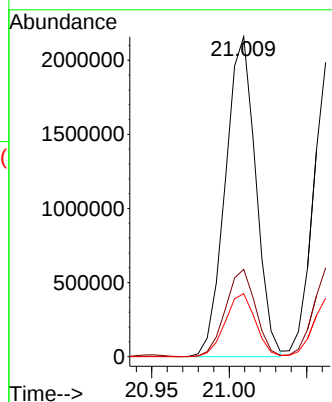
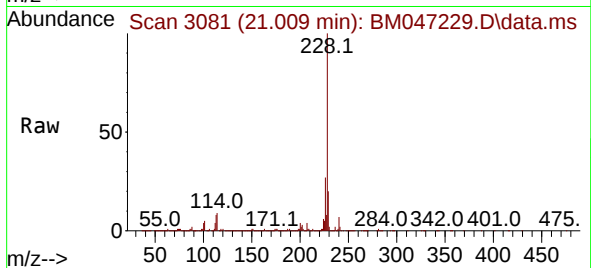
Tgt Ion:228 Resp: 2936288

Ion Ratio Lower Upper

228 100

226 27.3 21.8 32.6

229 19.7 15.8 23.8



#82

3,3'-Dichlorobenzidine

Concen: 47.611 ng

RT: 20.951 min Scan# 3071

Delta R.T. -0.006 min

Lab File: BM047229.D

Acq: 16 Aug 2024 11:07

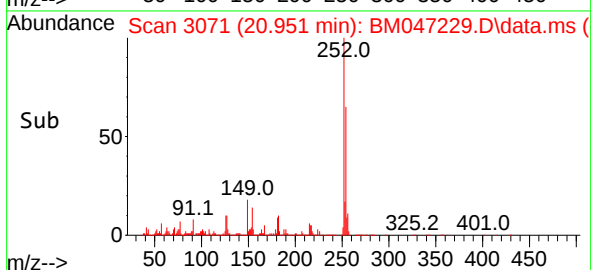
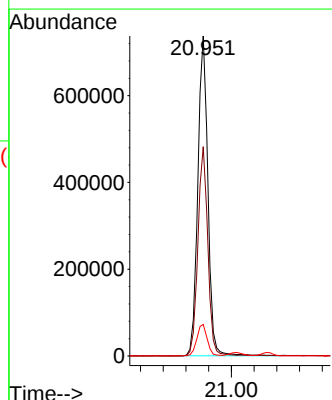
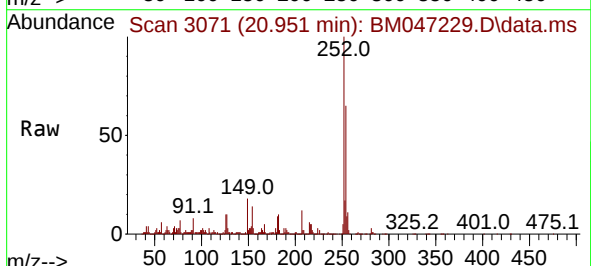
Tgt Ion:252 Resp: 914584

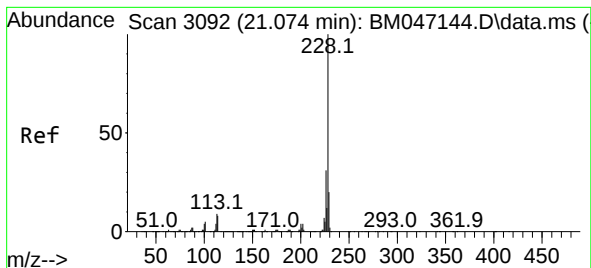
Ion Ratio Lower Upper

252 100

254 65.4 51.0 76.6

126 9.8 8.5 12.7





#83

Chrysene

Concen: 47.201 ng

RT: 21.062 min Scan# 3092

Delta R.T. -0.012 min

Lab File: BM047229.D

Acq: 16 Aug 2024 11:07

Instrument :

BNA_M

ClientSampleId :

PB162754BS

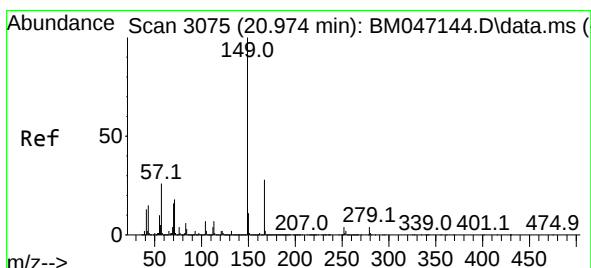
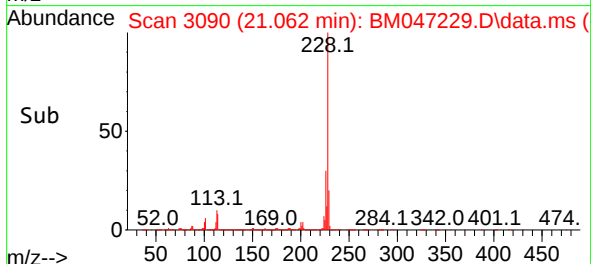
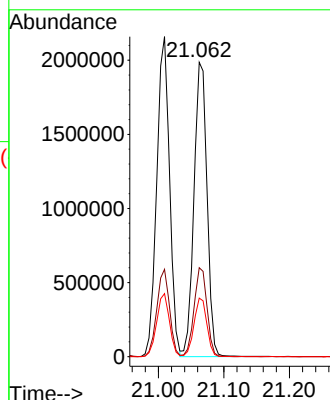
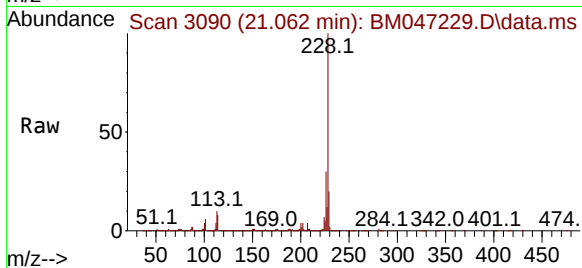
Tgt Ion:228 Resp: 2749477

Ion Ratio Lower Upper

228 100

226 30.2 24.4 36.6

229 19.9 15.7 23.5



#84

Bis(2-ethylhexyl)phthalate

Concen: 49.742 ng

RT: 20.968 min Scan# 3074

Delta R.T. -0.006 min

Lab File: BM047229.D

Acq: 16 Aug 2024 11:07

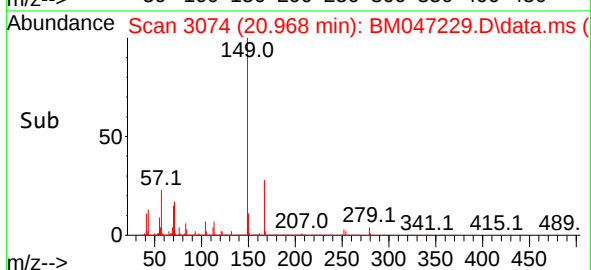
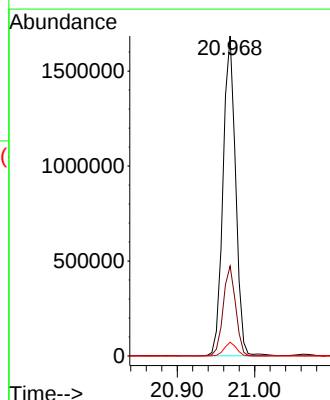
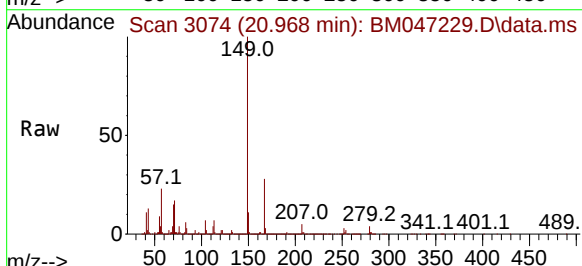
Tgt Ion:149 Resp: 1901034

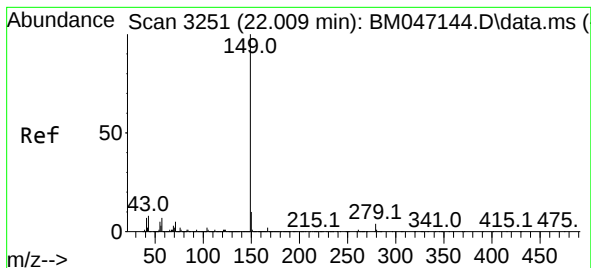
Ion Ratio Lower Upper

149 100

167 28.1 22.2 33.2

279 4.3 3.0 4.4





#85

Di-n-octyl phthalate

Concen: 50.692 ng

RT: 21.997 min Scan# 31

Delta R.T. -0.012 min

Lab File: BM047229.D

Acq: 16 Aug 2024 11:07

Instrument :

BNA_M

ClientSampleId :

PB162754BS

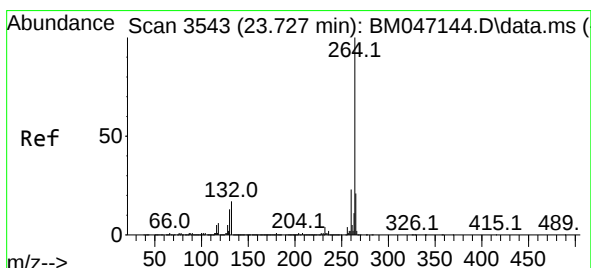
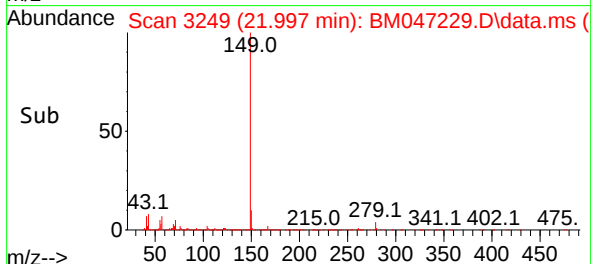
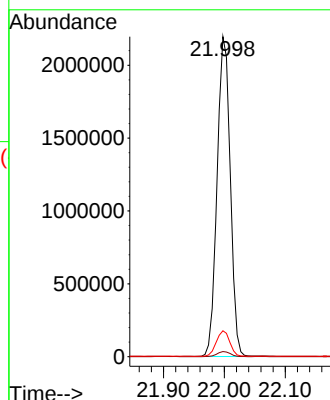
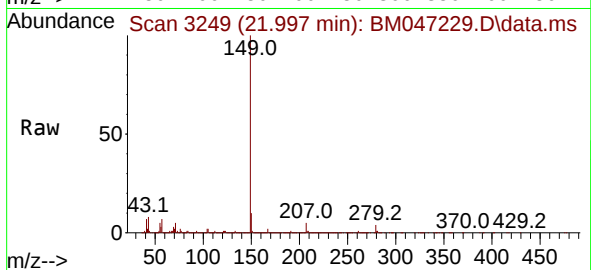
Tgt Ion:149 Resp: 3292944

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 8.1 6.9 10.3



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.715 min Scan# 3541

Delta R.T. -0.012 min

Lab File: BM047229.D

Acq: 16 Aug 2024 11:07

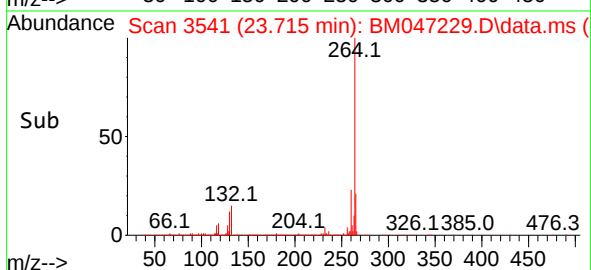
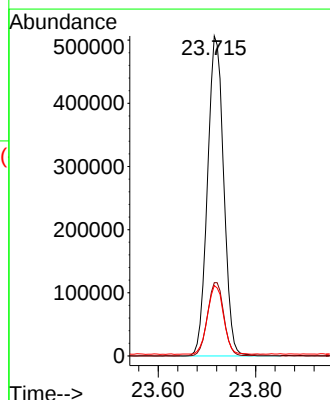
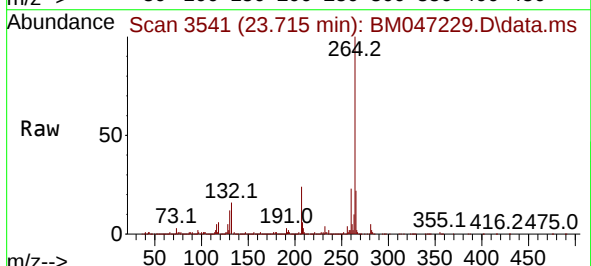
Tgt Ion:264 Resp: 1166129

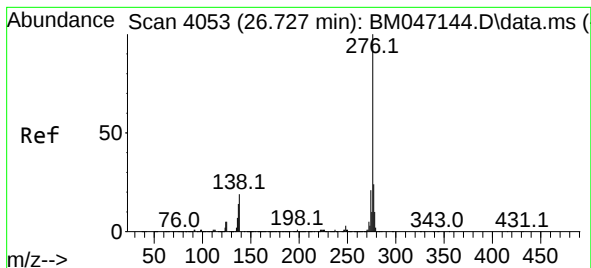
Ion Ratio Lower Upper

264 100

260 22.9 18.5 27.7

265 22.0 17.3 25.9





#87

Indeno(1,2,3-cd)pyrene

Concen: 58.323 ng

RT: 26.715 min Scan# 4051

Delta R.T. -0.012 min

Lab File: BM047229.D

Acq: 16 Aug 2024 11:07

Instrument :

BNA_M

ClientSampleId :

PB162754BS

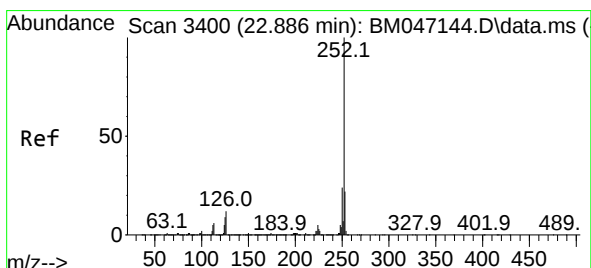
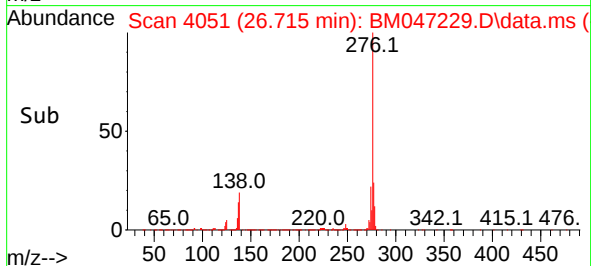
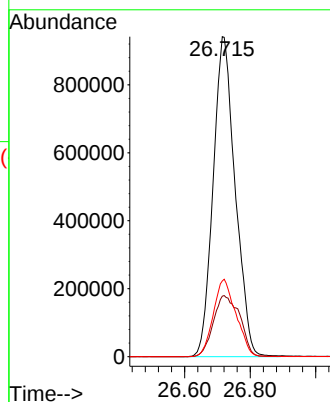
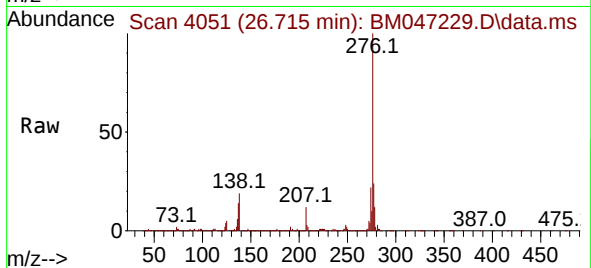
Tgt Ion:276 Resp: 4396180

Ion Ratio Lower Upper

276 100

138 23.0 19.4 29.0

277 24.9 20.1 30.1



#88

Benzo(b)fluoranthene

Concen: 46.669 ng

RT: 22.880 min Scan# 3399

Delta R.T. -0.006 min

Lab File: BM047229.D

Acq: 16 Aug 2024 11:07

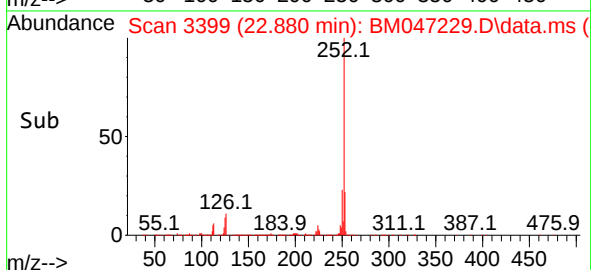
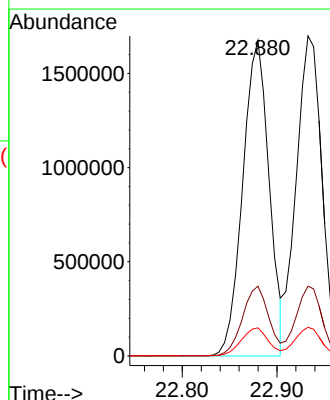
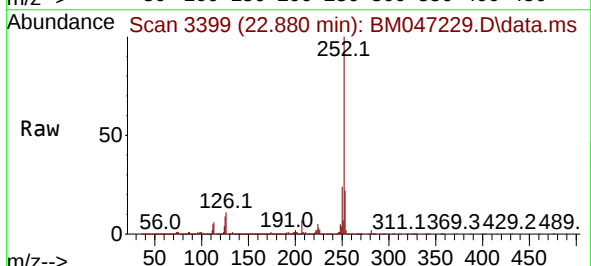
Tgt Ion:252 Resp: 3231937

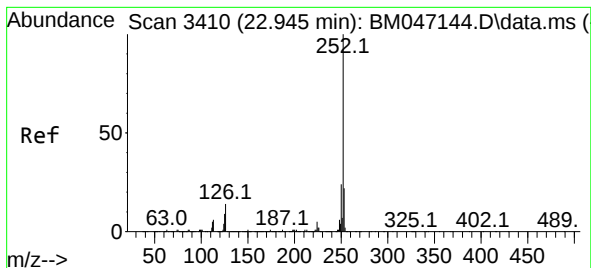
Ion Ratio Lower Upper

252 100

253 22.1 17.8 26.6

125 8.9 7.4 11.0





#89

Benzo(k)fluoranthene

Concen: 49.206 ng

RT: 22.933 min Scan# 3410

Delta R.T. -0.012 min

Lab File: BM047229.D

Acq: 16 Aug 2024 11:07

Instrument :

BNA_M

ClientSampleId :

PB162754BS

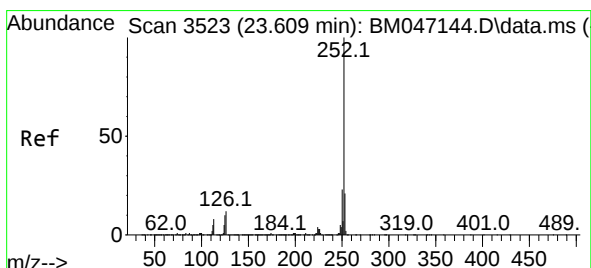
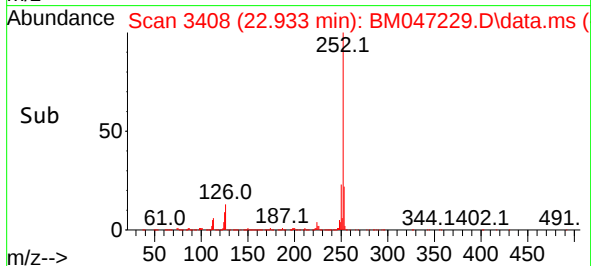
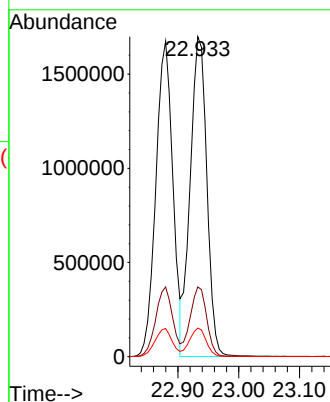
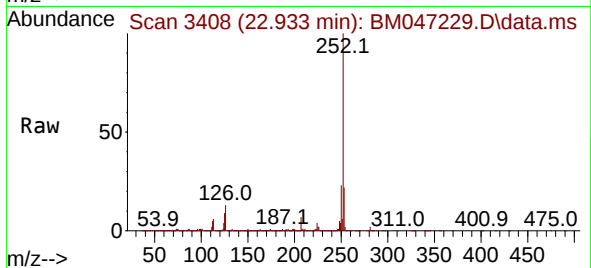
Tgt Ion:252 Resp: 3218611

Ion Ratio Lower Upper

252 100

253 21.8 17.7 26.5

125 8.9 7.4 11.2



#90

Benzo(a)pyrene

Concen: 52.905 ng

RT: 23.597 min Scan# 3521

Delta R.T. -0.012 min

Lab File: BM047229.D

Acq: 16 Aug 2024 11:07

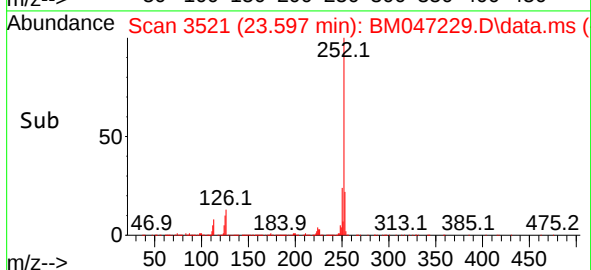
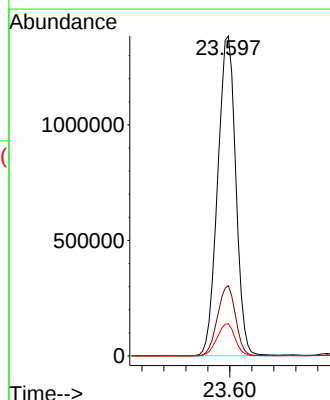
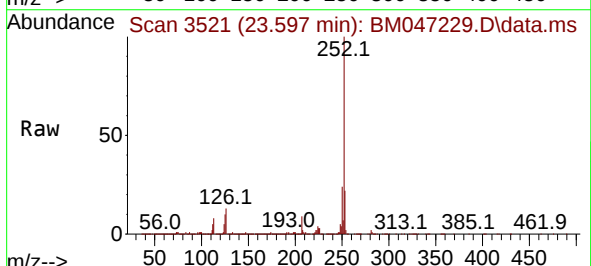
Tgt Ion:252 Resp: 3173785

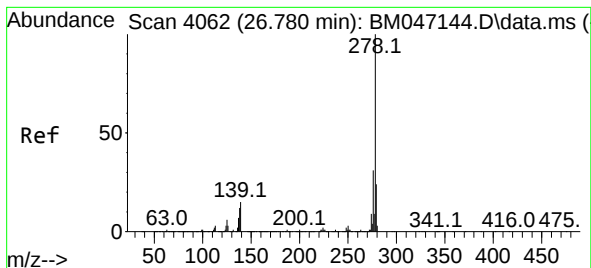
Ion Ratio Lower Upper

252 100

253 22.0 17.1 25.7

125 10.1 8.2 12.2





#91

Dibenzo(a,h)anthracene

Concen: 57.522 ng

RT: 26.768 min Scan# 4062

Delta R.T. -0.012 min

Lab File: BM047229.D

Acq: 16 Aug 2024 11:07

Instrument :

BNA_M

ClientSampleId :

PB162754BS

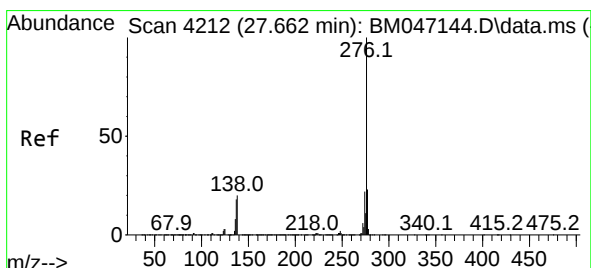
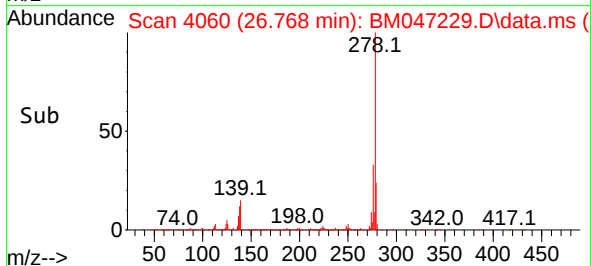
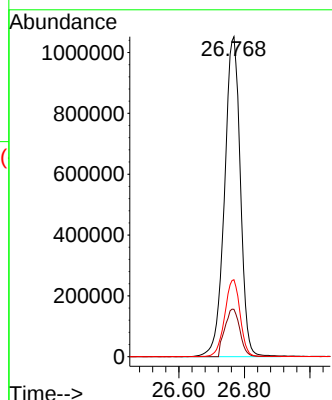
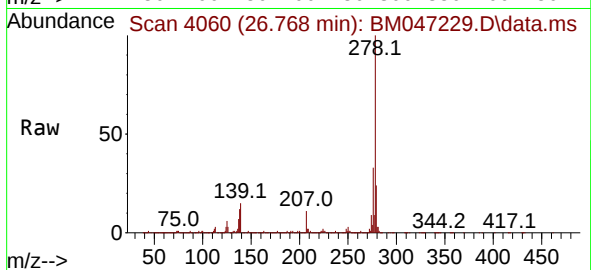
Tgt Ion:278 Resp: 3508858

Ion Ratio Lower Upper

278 100

139 14.8 12.0 18.0

279 24.0 19.2 28.8



#92

Benzo(g,h,i)perylene

Concen: 56.130 ng

RT: 27.644 min Scan# 4209

Delta R.T. -0.018 min

Lab File: BM047229.D

Acq: 16 Aug 2024 11:07

Tgt Ion:276 Resp: 3554917

Ion Ratio Lower Upper

276 100

277 24.1 18.8 28.2

138 19.7 16.2 24.4

