

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM090524\
 Data File : BM047447.D
 Acq On : 05 Sep 2024 14:42
 Operator : RC/JU
 Sample : PB163165BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB163165BS

Quant Time: Sep 05 15:17:19 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM082624.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 26 18:11:40 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.339	152	366174	20.000	ng	-0.01
21) Naphthalene-d8	10.092	136	1404479	20.000	ng	-0.01
39) Acenaphthene-d10	14.004	164	985408	20.000	ng	0.00
64) Phenanthrene-d10	16.774	188	2188600	20.000	ng	0.00
76) Chrysene-d12	21.027	240	1985126	20.000	ng	0.00
86) Perylene-d12	23.721	264	1838607	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.010	112	2372052	124.283	ng	0.00
7) Phenol-d6	6.575	99	3051623	117.370	ng	0.00
23) Nitrobenzene-d5	8.498	82	1963328	77.564	ng	0.00
42) 2,4,6-Tribromophenol	15.527	330	1516173	127.530	ng	0.00
45) 2-Fluorobiphenyl	12.610	172	4850898	75.638	ng	0.00
79) Terphenyl-d14	19.445	244	8763167	78.575	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.010	88	195580	25.035	ng	97
3) Pyridine	3.387	79	531346	24.506	ng	99
4) n-Nitrosodimethylamine	3.310	42	340924	38.608	ng	98
6) Aniline	6.692	93	541852	23.010	ng	100
8) 2-Chlorophenol	6.922	128	982511	45.992	ng	98
9) Benzaldehyde	6.510	77	119364	6.009	ng	99
10) Phenol	6.598	94	1142408	44.660	ng	99
11) bis(2-Chloroethyl)ether	6.792	93	897513	40.487	ng	98
12) 1,3-Dichlorobenzene	7.228	146	1054879	40.382	ng	99
13) 1,4-Dichlorobenzene	7.375	146	1071478	40.501	ng	98
14) 1,2-Dichlorobenzene	7.681	146	1043746	41.631	ng	100
15) Benzyl Alcohol	7.604	79	856946	47.541	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.857	45	1015987	38.223	ng	99
17) 2-Methylphenol	7.816	107	782735	44.042	ng	99
18) Hexachloroethane	8.381	117	398478	40.292	ng	97
19) n-Nitroso-di-n-propyla...	8.157	70	663150	37.104	ng	97
20) 3+4-Methylphenols	8.145	107	1057345	42.789	ng	94
22) Acetophenone	8.169	105	1240875	38.069	ng	99
24) Nitrobenzene	8.539	77	1014888	38.984	ng	96
25) Isophorone	9.063	82	1952321	40.809	ng	97
26) 2-Nitrophenol	9.233	139	588989	45.996	ng	97
27) 2,4-Dimethylphenol	9.322	122	705549	48.813	ng	98
28) bis(2-Chloroethoxy)met...	9.539	93	1203492	41.081	ng	99
29) 2,4-Dichlorophenol	9.781	162	1076431	48.008	ng	98
30) 1,2,4-Trichlorobenzene	9.963	180	1096599	42.342	ng	97
31) Naphthalene	10.145	128	2825715	41.193	ng	99
32) Benzoic acid	9.575	122	657645	38.103	ng	98
33) 4-Chloroaniline	10.286	127	752471	29.501	ng	98
34) Hexachlorobutadiene	10.416	225	688778	42.585	ng	99
35) Caprolactam	11.127	113	184336	25.378	ng	97
36) 4-Chloro-3-methylphenol	11.451	107	1027470	45.124	ng	100
37) 2-Methylnaphthalene	11.775	142	2094036	41.867	ng	99
38) 1-Methylnaphthalene	11.998	142	1949206	39.404	ng	99
40) 1,2,4,5-Tetrachloroben...	12.157	216	1177329	40.347	ng	99
41) Hexachlorocyclopentadiene	12.122	237	720111	78.194	ng	99
43) 2,4,6-Trichlorophenol	12.427	196	913769	45.681	ng	98

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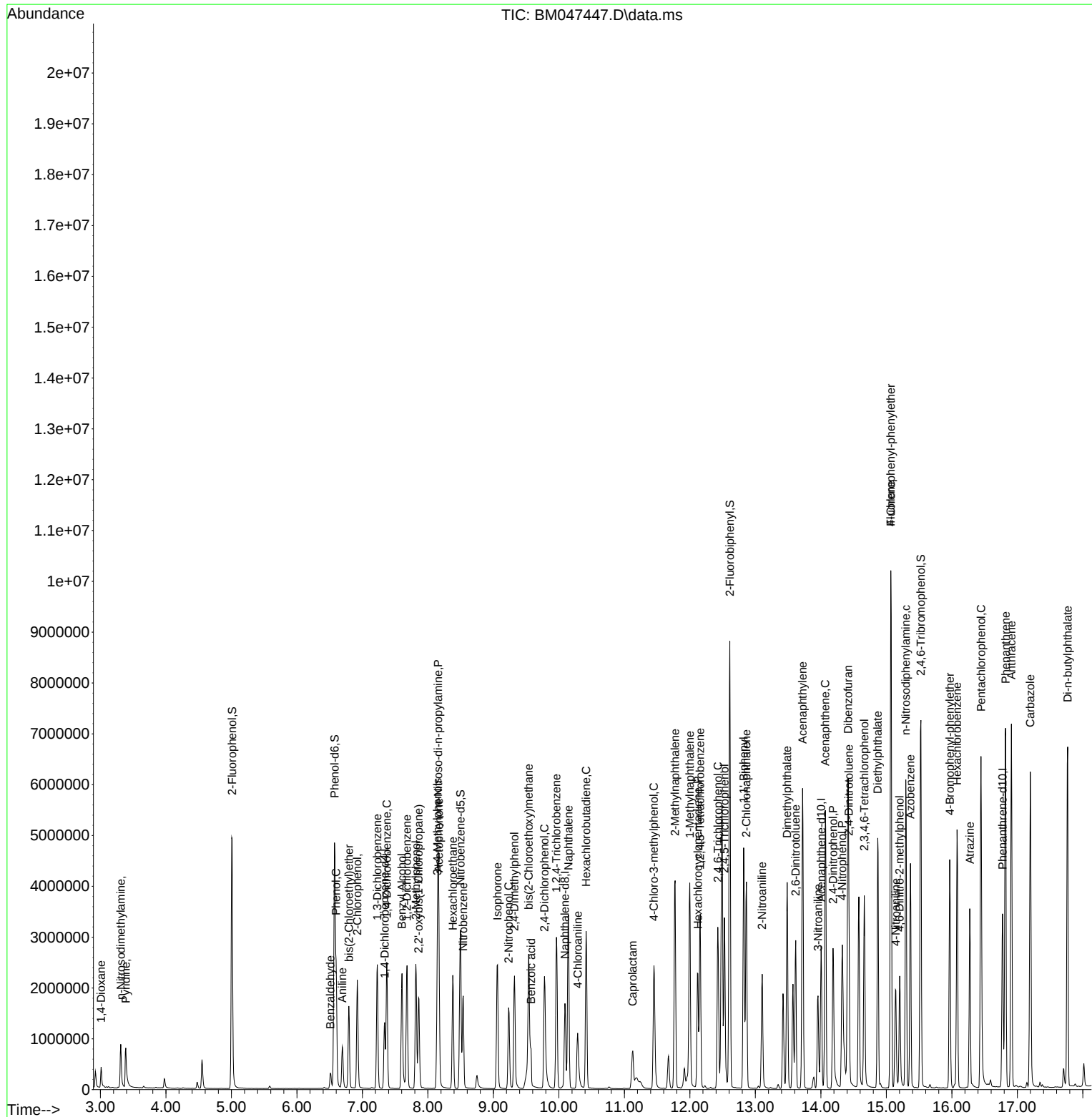
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.527	196	927473	41.750	ng	98
46) 1,1'-Biphenyl	12.821	154	2564329	37.269	ng	100
47) 2-Chloronaphthalene	12.863	162	2147215	39.822	ng	98
48) 2-Nitroaniline	13.104	65	646305	42.790	ng	94
49) Acenaphthylene	13.721	152	3459297	44.142	ng	99
50) Dimethylphthalate	13.486	163	2953850	43.504	ng	99
51) 2,6-Dinitrotoluene	13.616	165	673934	42.630	ng	98
52) Acenaphthene	14.068	154	2019122	40.586	ng	99
53) 3-Nitroaniline	13.957	138	564015	38.664	ng	95
54) 2,4-Dinitrophenol	14.186	184	877474	90.130	ng	94
55) Dibenzofuran	14.416	168	3406879	42.516	ng	99
56) 4-Nitrophenol	14.327	139	958865	84.090	ng	96
57) 2,4-Dinitrotoluene	14.427	165	918098	44.862	ng	# 85
58) Fluorene	15.068	166	2708230	41.760	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.663	232	860510	47.160	ng	96
60) Diethylphthalate	14.868	149	2890431	43.156	ng	99
61) 4-Chlorophenyl-phenyle...	15.068	204	1440247	43.656	ng	96
62) 4-Nitroaniline	15.145	138	630620	46.731	ng	97
63) Azobenzene	15.368	77	2379156	40.792	ng	96
65) 4,6-Dinitro-2-methylph...	15.204	198	607681	45.238	ng	98
66) n-Nitrosodiphenylamine	15.298	169	2448467	40.885	ng	99
67) 4-Bromophenyl-phenylether	15.968	248	965600	41.821	ng	96
68) Hexachlorobenzene	16.080	284	1092948	40.985	ng	97
69) Atrazine	16.274	200	704209	35.975	ng	99
70) Pentachlorophenol	16.445	266	1380532	80.072	ng	99
71) Phenanthrene	16.821	178	4488795	42.232	ng	99
72) Anthracene	16.909	178	4478085	43.219	ng	100
73) Carbazole	17.198	167	4386479	44.117	ng	99
74) Di-n-butylphthalate	17.768	149	5244385	43.316	ng	100
75) Fluoranthene	18.856	202	5681096	45.521	ng	99
77) Benzidine	19.074	184	443998	13.399	ng	100
78) Pyrene	19.221	202	5837440	38.340	ng	99
80) Butylbenzylphthalate	20.156	149	2507237	42.082	ng	94
81) Benzo(a)anthracene	21.009	228	5620163	43.413	ng	98
82) 3,3'-Dichlorobenzidine	20.944	252	1795265	41.225	ng	# 98
83) Chrysene	21.068	228	5234799	42.987	ng	99
84) Bis(2-ethylhexyl)phtha...	20.950	149	3383324	40.178	ng	# 97
85) Di-n-octyl phthalate	21.974	149	6179815	43.601	ng	98
87) Indeno(1,2,3-cd)pyrene	26.756	276	5327870	46.290	ng	98
88) Benzo(b)fluoranthene	22.886	252	5455177	50.856	ng	99
89) Benzo(k)fluoranthene	22.944	252	5347538	52.588	ng	99
90) Benzo(a)pyrene	23.603	252	4874252	52.545	ng	99
91) Dibenzo(a,h)anthracene	26.785	278	4351007	46.664	ng	99
92) Benzo(g,h,i)perylene	27.679	276	4115600	42.457	ng	97

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

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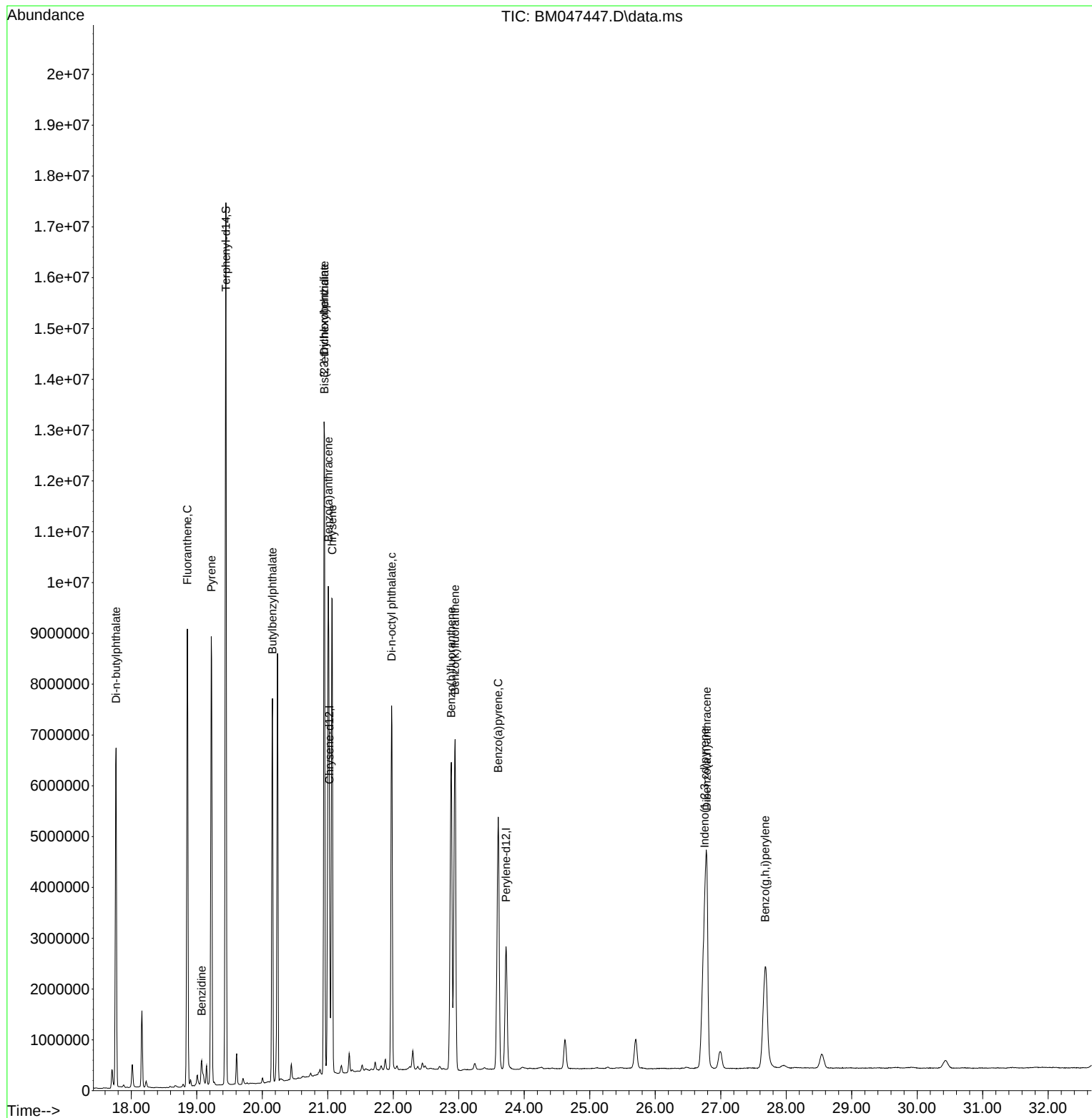
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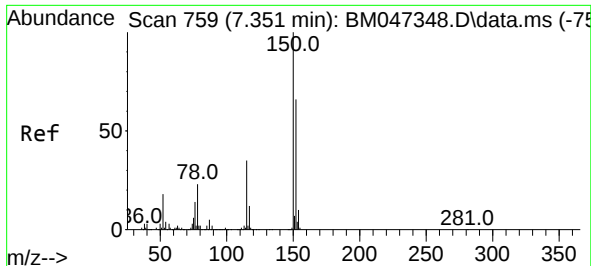


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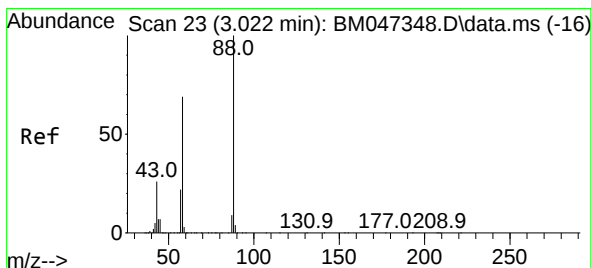
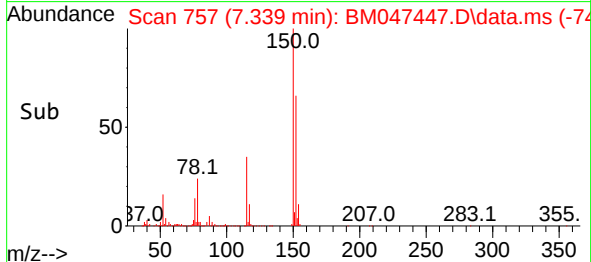
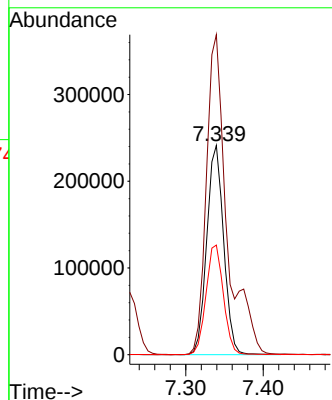
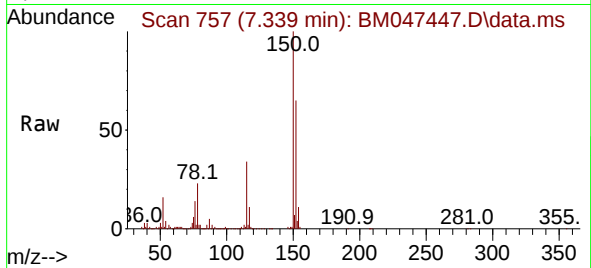




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.339 min Scan# 71
Delta R.T. -0.012 min
Lab File: BM047447.D
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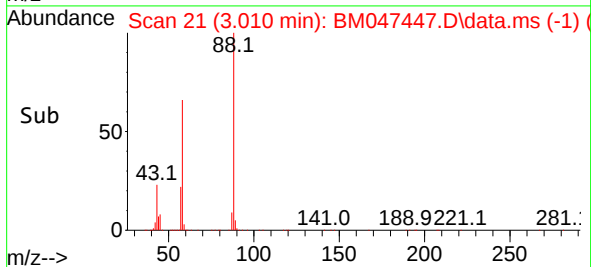
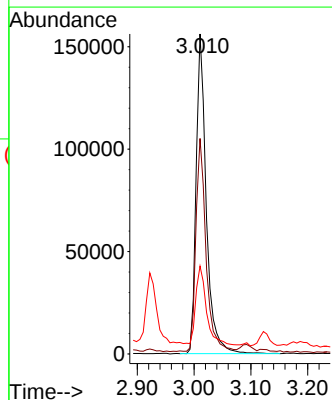
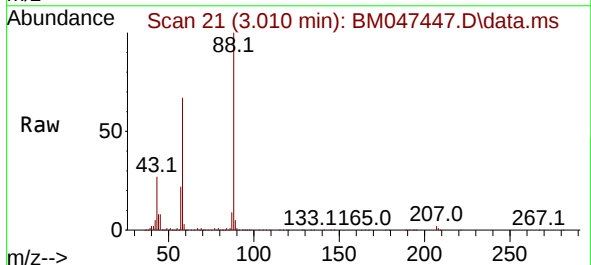
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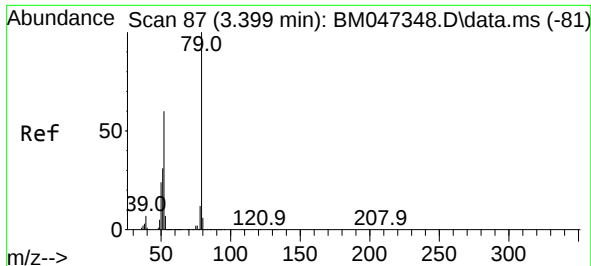
Tgt Ion:152 Resp: 366174
Ion Ratio Lower Upper
152 100
150 152.9 121.3 181.9
115 52.4 42.6 64.0



#2
1,4-Dioxane
Concen: 25.035 ng
RT: 3.010 min Scan# 21
Delta R.T. -0.012 min
Lab File: BM047447.D
Acq: 05 Sep 2024 14:42

Tgt Ion: 88 Resp: 195580
Ion Ratio Lower Upper
88 100
58 65.9 55.4 83.0
43 25.7 20.7 31.1

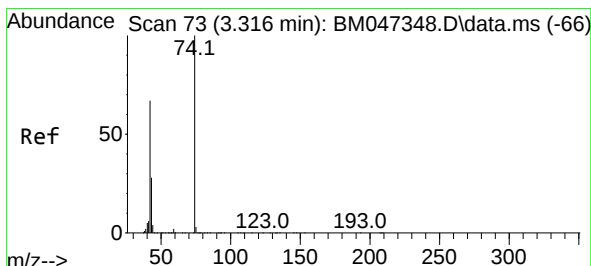
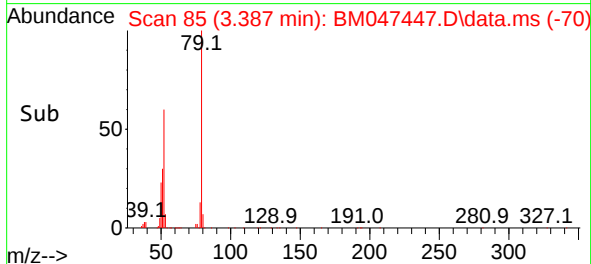
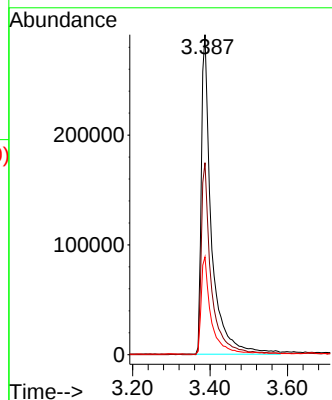
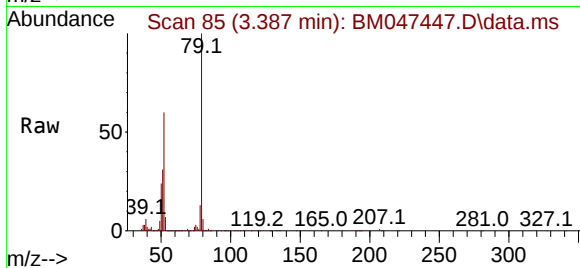




#3
 Pyridine
 Concen: 24.506 ng
 RT: 3.387 min Scan# 81
 Delta R.T. -0.012 min
 Lab File: BM047447.D
 Acq: 05 Sep 2024 14:42

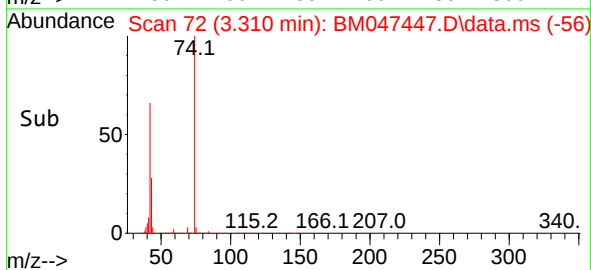
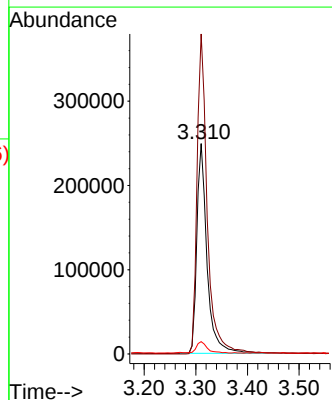
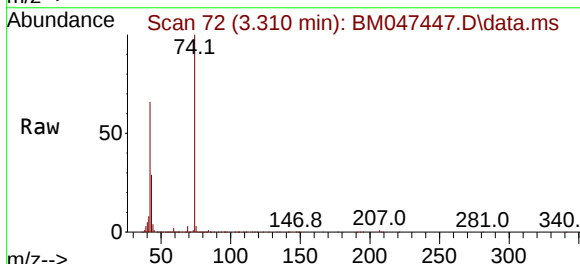
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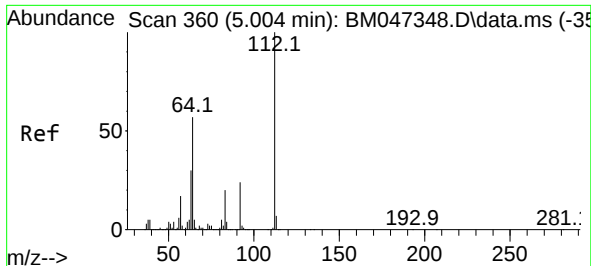
Tgt Ion: 79 Resp: 531346
 Ion Ratio Lower Upper
 79 100
 52 60.0 47.8 71.6
 51 30.6 25.0 37.4



#4
 n-Nitrosodimethylamine
 Concen: 38.608 ng
 RT: 3.310 min Scan# 72
 Delta R.T. -0.006 min
 Lab File: BM047447.D
 Acq: 05 Sep 2024 14:42

Tgt Ion: 42 Resp: 340924
 Ion Ratio Lower Upper
 42 100
 74 152.1 119.2 178.8
 44 5.8 5.2 7.8

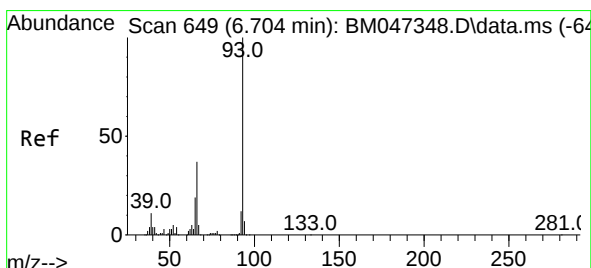
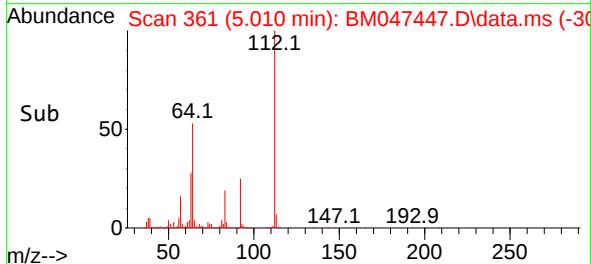
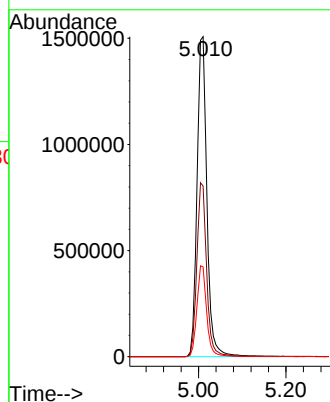
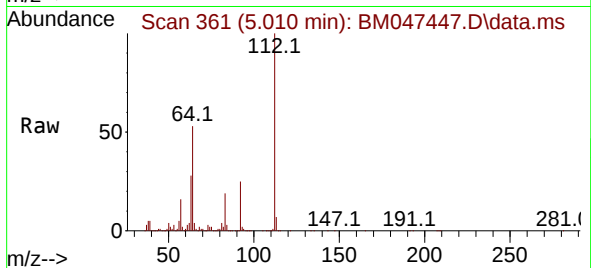




#5
2-Fluorophenol
Concen: 124.283 ng
RT: 5.010 min Scan# 360
Delta R.T. 0.006 min
Lab File: BM047447.D
Acq: 05 Sep 2024 14:42

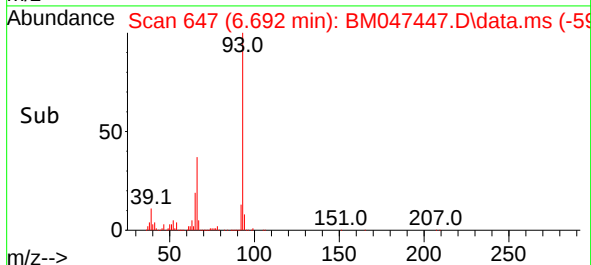
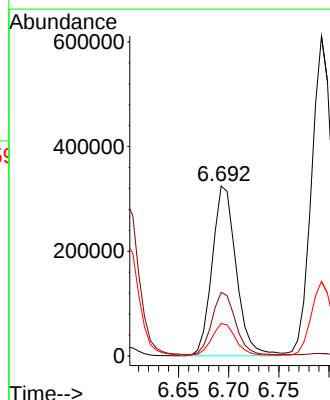
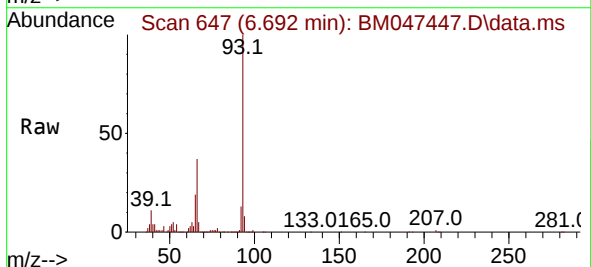
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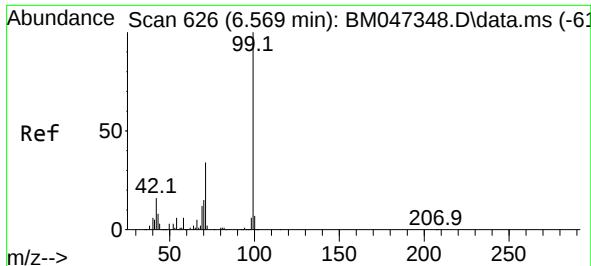
Tgt Ion:112 Resp: 2372052
Ion Ratio Lower Upper
112 100
64 53.4 45.7 68.5
63 28.0 23.8 35.8



#6
Aniline
Concen: 23.010 ng
RT: 6.692 min Scan# 647
Delta R.T. -0.012 min
Lab File: BM047447.D
Acq: 05 Sep 2024 14:42

Tgt Ion: 93 Resp: 541852
Ion Ratio Lower Upper
93 100
66 37.4 30.0 45.0
65 19.1 15.5 23.3

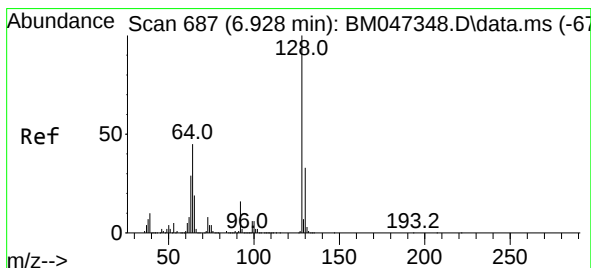
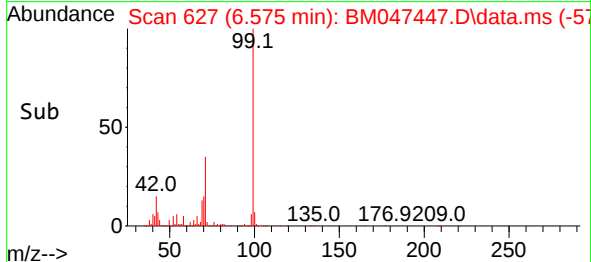
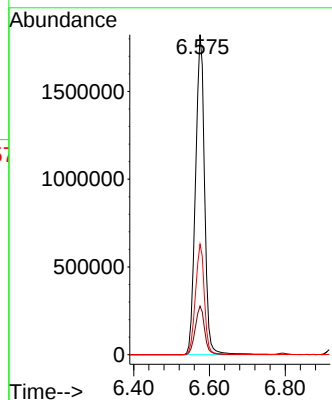
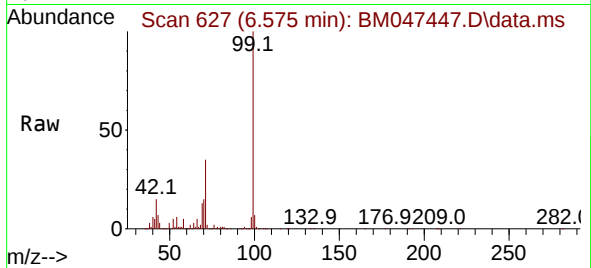




#7
Phenol-d6
Concen: 117.370 ng
RT: 6.575 min Scan# 61
Delta R.T. 0.006 min
Lab File: BM047447.D
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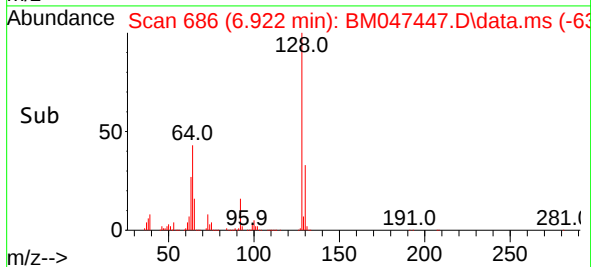
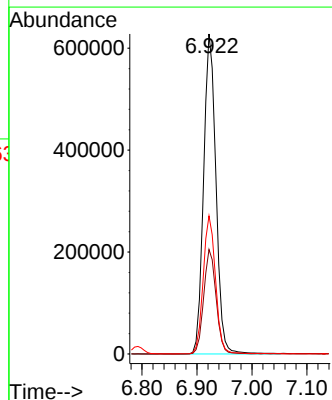
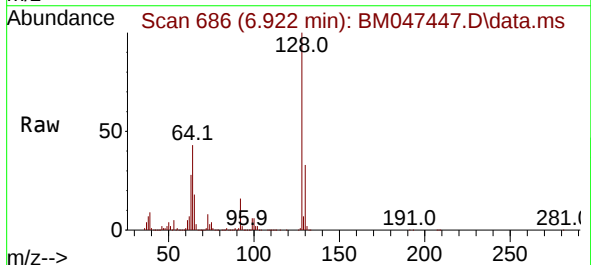
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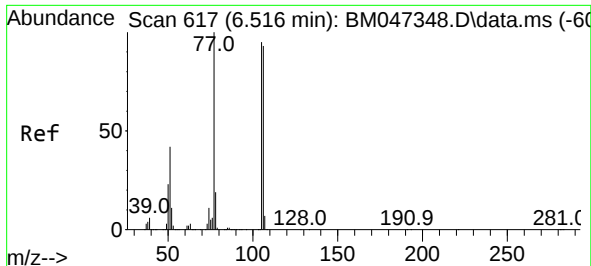
Tgt Ion: 99 Resp: 3051623
Ion Ratio Lower Upper
99 100
42 15.2 13.0 19.4
71 34.5 27.5 41.3



#8
2-Chlorophenol
Concen: 45.992 ng
RT: 6.922 min Scan# 686
Delta R.T. -0.006 min
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Tgt Ion:128 Resp: 982511
Ion Ratio Lower Upper
128 100
130 32.7 12.9 52.9
64 43.2 25.3 65.3

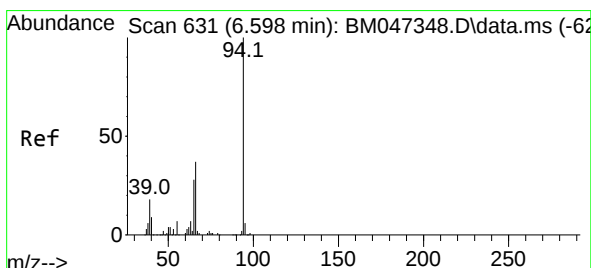
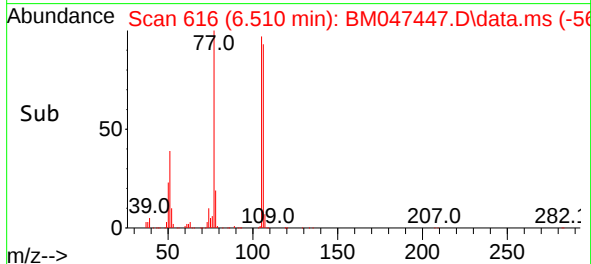
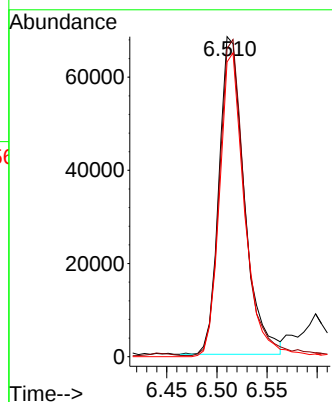
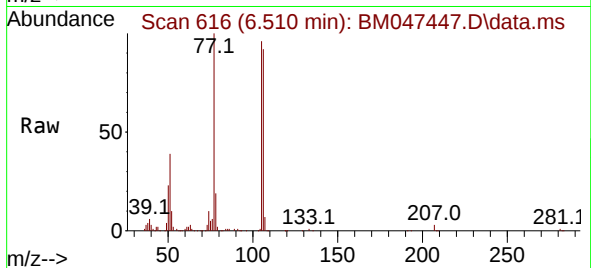




#9
Benzaldehyde
Concen: 6.009 ng
RT: 6.510 min Scan# 617
Delta R.T. -0.006 min
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Acq: 05 Sep 2024 14:42

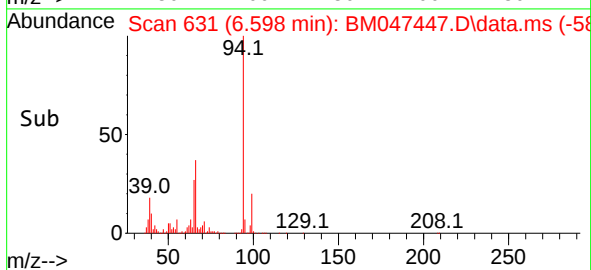
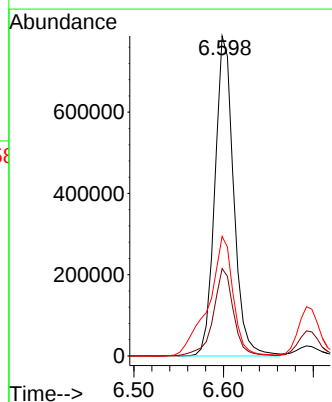
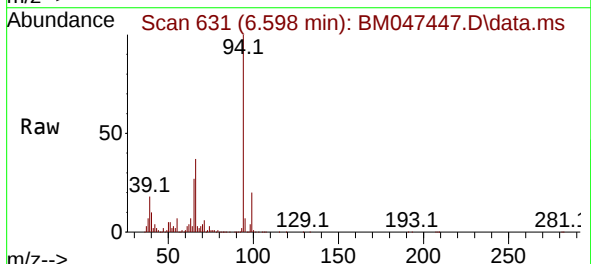
Instrument :
BNA_M
ClientSampleId :
PB163165BS

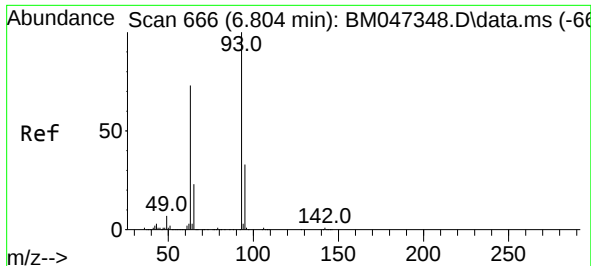
Tgt Ion: 77 Resp: 119364
Ion Ratio Lower Upper
77 100
105 96.3 74.9 114.9
106 92.1 72.6 112.6



#10
Phenol
Concen: 44.660 ng
RT: 6.598 min Scan# 631
Delta R.T. 0.000 min
Lab File: BM047447.D
Acq: 05 Sep 2024 14:42

Tgt Ion: 94 Resp: 1142408
Ion Ratio Lower Upper
94 100
65 27.3 7.9 47.9
66 37.3 17.3 57.3

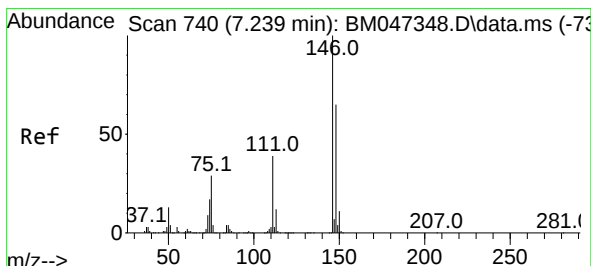
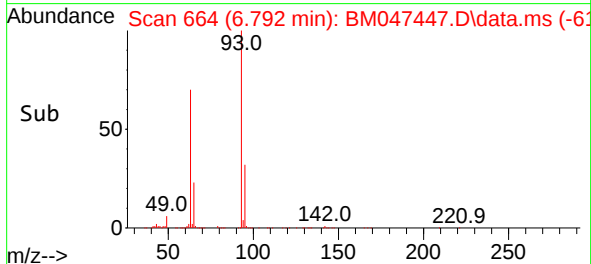
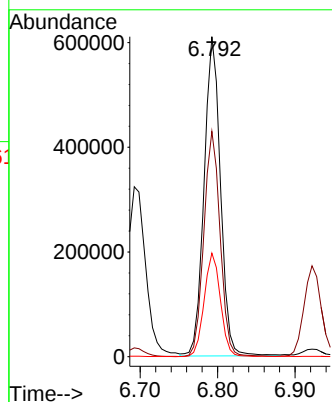
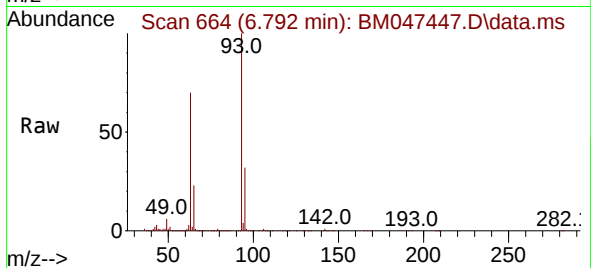




#11
bis(2-Chloroethyl)ether
Concen: 40.487 ng
RT: 6.792 min Scan# 666
Delta R.T. -0.012 min
Lab File: BM047447.D
Acq: 05 Sep 2024 14:42

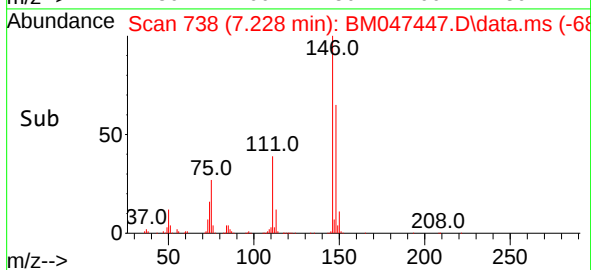
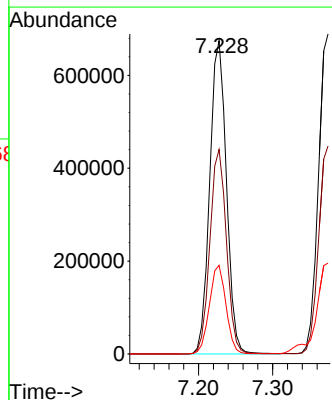
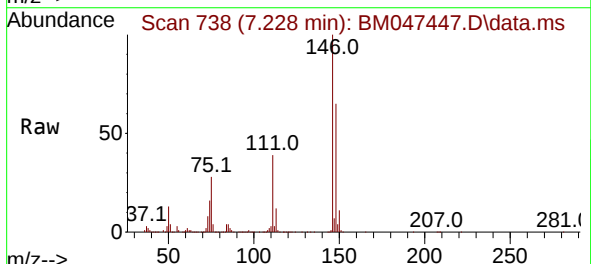
Instrument :
BNA_M
ClientSampleId :
PB163165BS

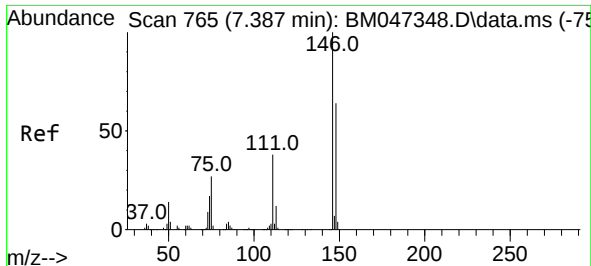
Tgt Ion: 93 Resp: 897513
Ion Ratio Lower Upper
93 100
63 70.4 52.2 92.2
95 32.4 12.9 52.9



#12
1,3-Dichlorobenzene
Concen: 40.382 ng
RT: 7.228 min Scan# 738
Delta R.T. -0.012 min
Lab File: BM047447.D
Acq: 05 Sep 2024 14:42

Tgt Ion: 146 Resp: 1054879
Ion Ratio Lower Upper
146 100
148 65.3 51.6 77.4
75 28.3 23.3 34.9

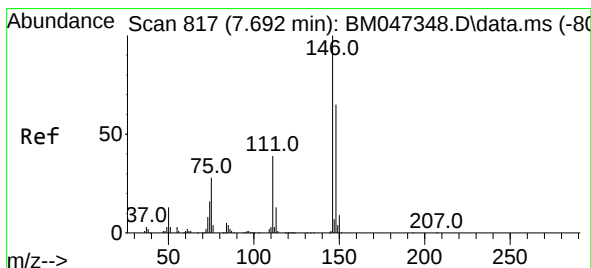
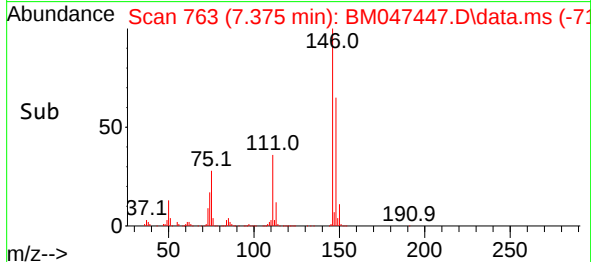
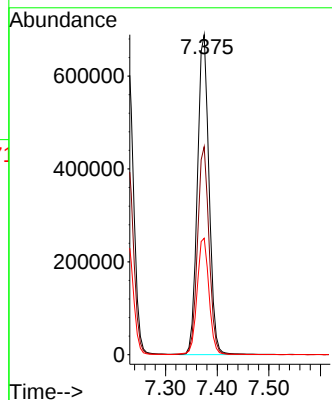
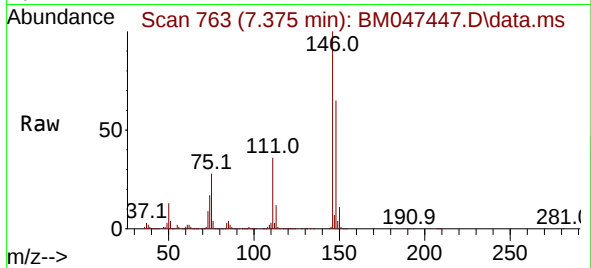




#13
 1,4-Dichlorobenzene
 Concen: 40.501 ng
 RT: 7.375 min Scan# 763
 Delta R.T. -0.012 min
 Lab File: BM047447.D
 Acq: 05 Sep 2024 14:42

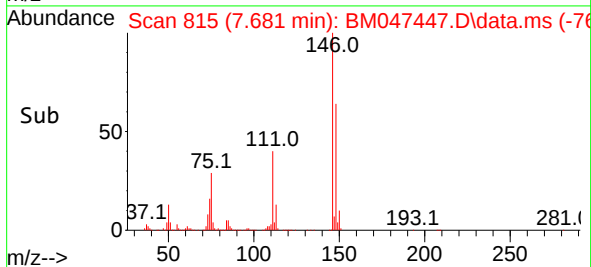
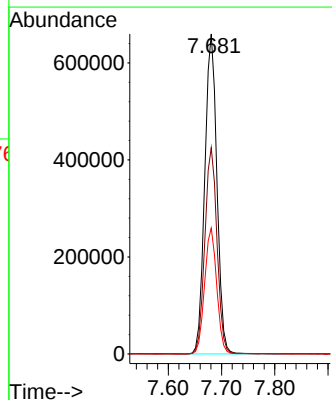
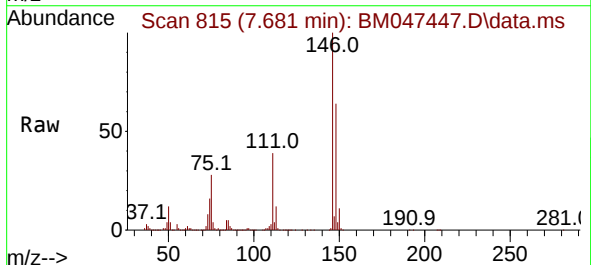
Instrument :
 BNA_M
 ClientSampleId :
 PB163165BS

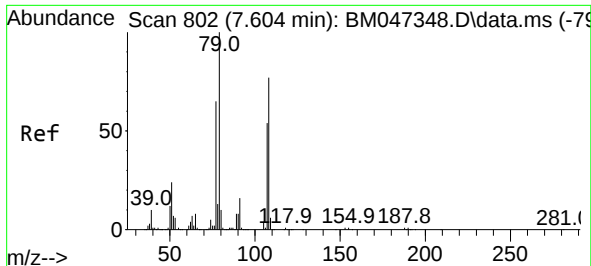
Tgt Ion:146 Resp: 1071478
 Ion Ratio Lower Upper
 146 100
 148 65.0 51.0 76.6
 111 36.4 30.2 45.2



#14
 1,2-Dichlorobenzene
 Concen: 41.631 ng
 RT: 7.681 min Scan# 815
 Delta R.T. -0.012 min
 Lab File: BM047447.D
 Acq: 05 Sep 2024 14:42

Tgt Ion:146 Resp: 1043746
 Ion Ratio Lower Upper
 146 100
 148 64.4 51.8 77.6
 111 39.4 31.7 47.5

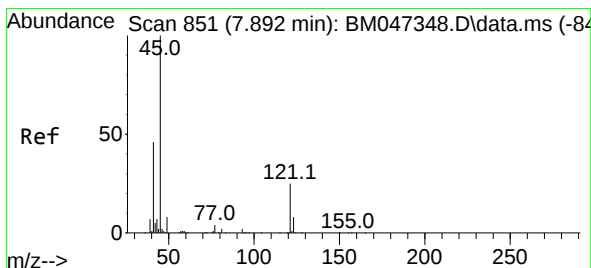
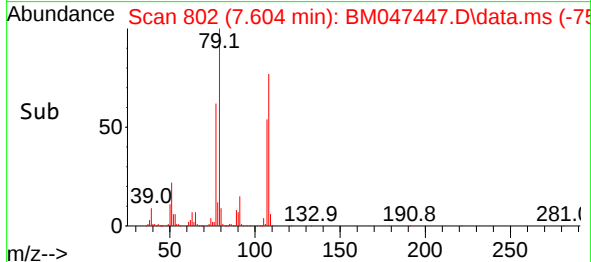
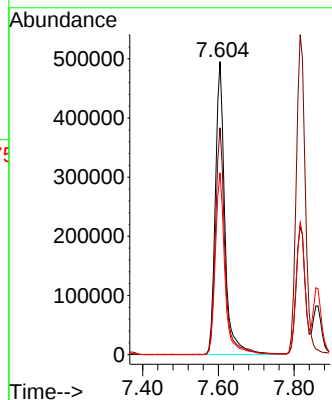
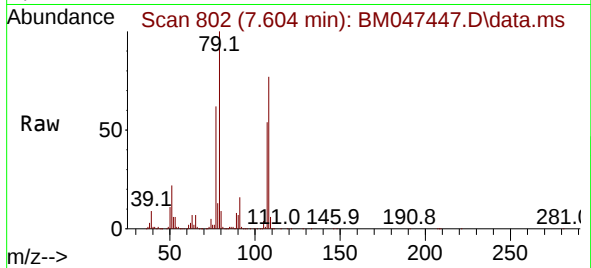




#15
Benzyl Alcohol
Concen: 47.541 ng
RT: 7.604 min Scan# 802
Delta R.T. 0.000 min
Lab File: BM047447.D
Acq: 05 Sep 2024 14:42

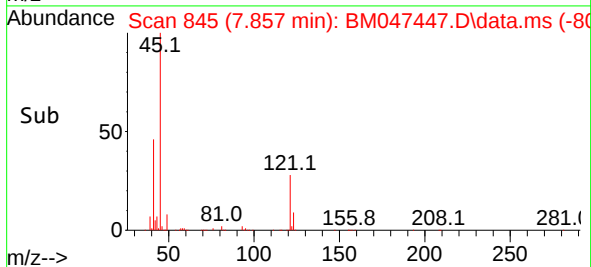
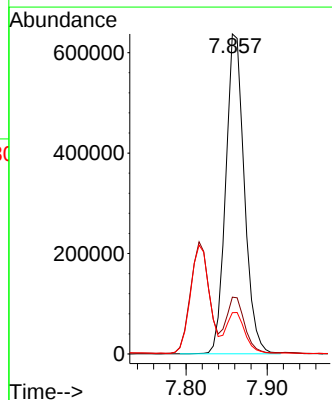
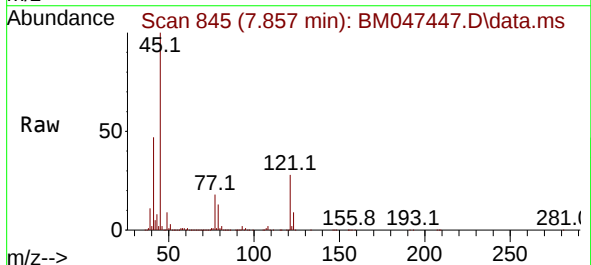
Instrument :
BNA_M
ClientSampleId :
PB163165BS

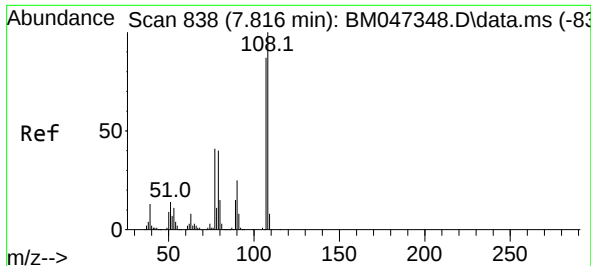
Tgt Ion: 79 Resp: 856946
Ion Ratio Lower Upper
79 100
108 77.4 61.1 91.7
77 62.0 51.9 77.9



#16
2,2'-oxybis(1-Chloropropane)
Concen: 38.223 ng
RT: 7.857 min Scan# 845
Delta R.T. -0.035 min
Lab File: BM047447.D
Acq: 05 Sep 2024 14:42

Tgt Ion: 45 Resp: 1015987
Ion Ratio Lower Upper
45 100
77 17.8 0.0 36.7
79 12.9 0.0 33.0

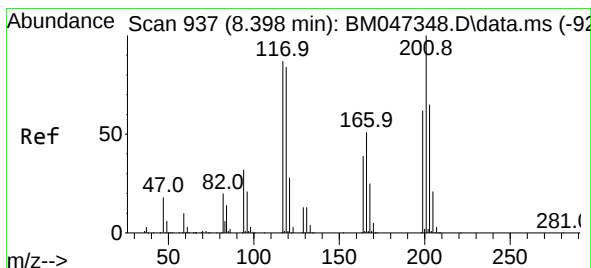
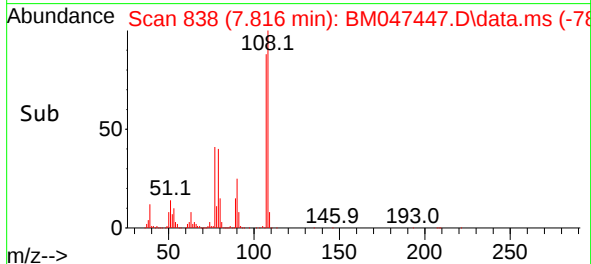
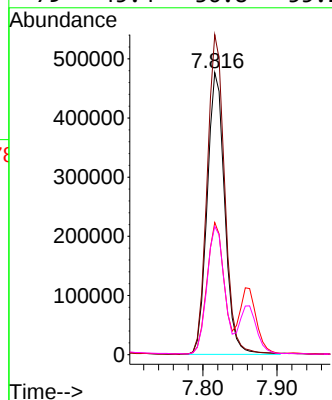
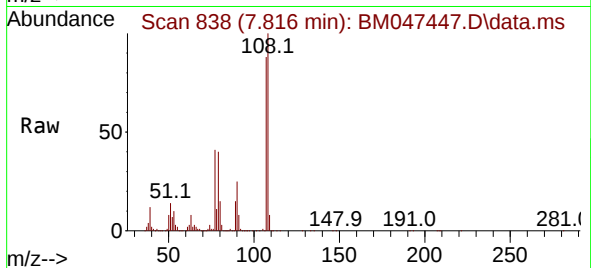




#17
2-Methylphenol
Concen: 44.042 ng
RT: 7.816 min Scan# 81
Delta R.T. 0.000 min
Lab File: BM047447.D
Acq: 05 Sep 2024 14:42

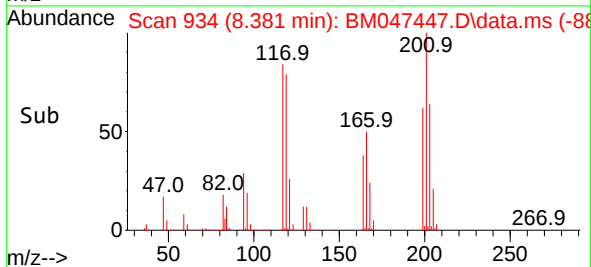
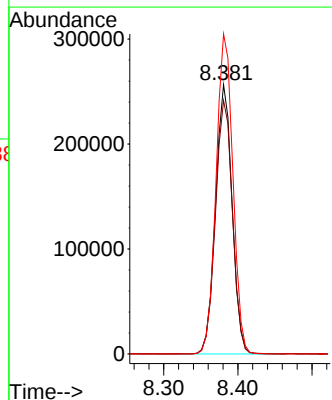
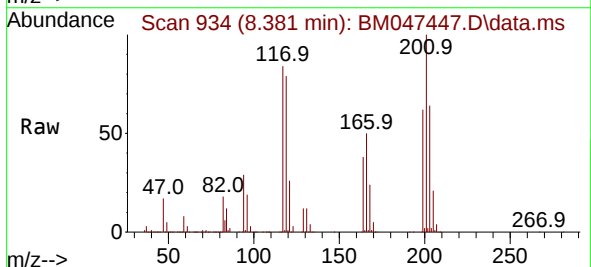
Instrument :
BNA_M
ClientSampleId :
PB163165BS

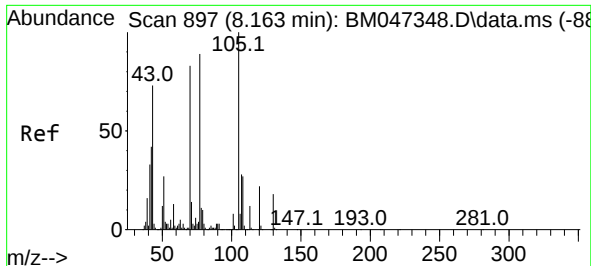
Tgt Ion:	107	Resp:	782735
Ion	Ratio	Lower	Upper
107	100		
108	113.5	91.6	137.4
77	46.9	38.0	57.0
79	45.4	36.8	55.2



#18
Hexachloroethane
Concen: 40.292 ng
RT: 8.381 min Scan# 934
Delta R.T. -0.018 min
Lab File: BM047447.D
Acq: 05 Sep 2024 14:42

Tgt Ion:	117	Resp:	398478
Ion	Ratio	Lower	Upper
117	100		
119	94.1	77.8	116.8
201	118.8	92.3	138.5

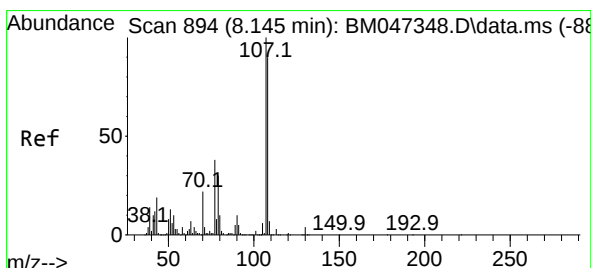
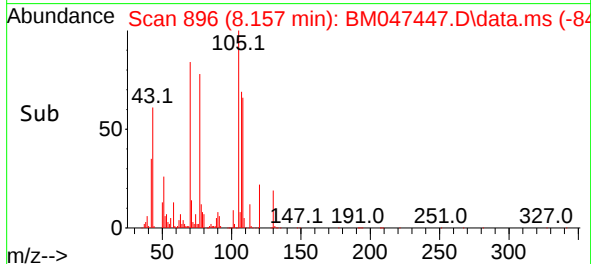
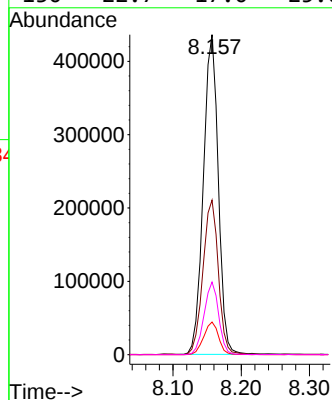
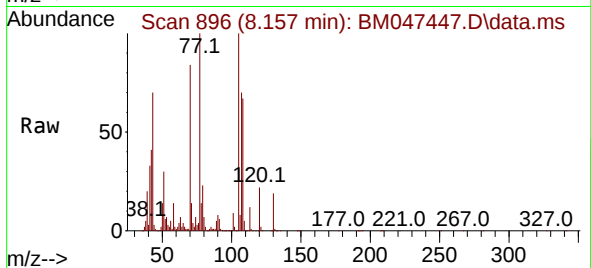




#19
n-Nitroso-di-n-propylamine
Concen: 37.104 ng
RT: 8.157 min Scan# 896
Delta R.T. -0.006 min
Lab File: BM047447.D
Acq: 05 Sep 2024 14:42

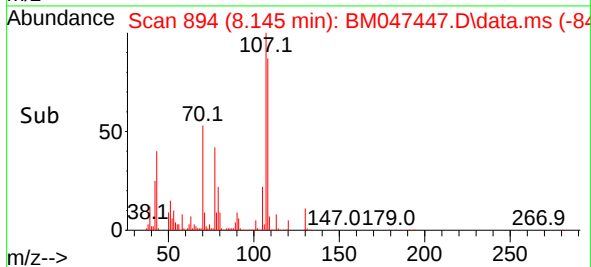
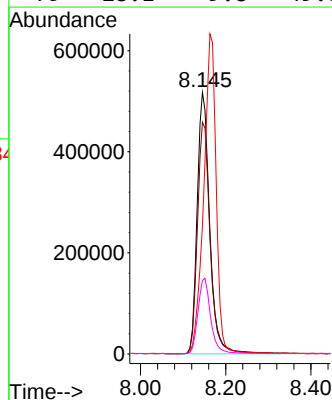
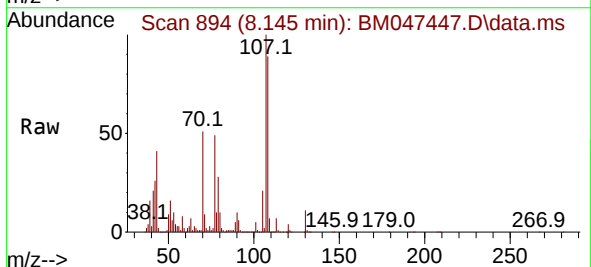
Instrument :
BNA_M
ClientSampleId :
PB163165BS

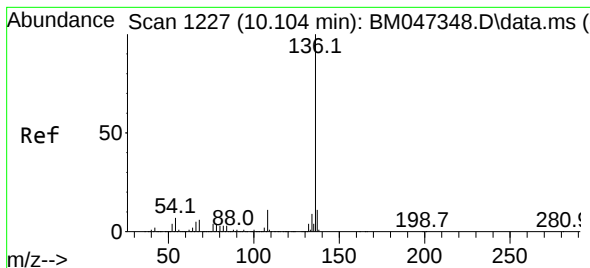
Tgt Ion: 70 Resp: 663150
Ion Ratio Lower Upper
70 100
42 48.3 41.0 61.4
101 10.2 7.9 11.9
130 22.7 17.0 25.6



#20
3+4-Methylphenols
Concen: 42.789 ng
RT: 8.145 min Scan# 894
Delta R.T. -0.000 min
Lab File: BM047447.D
Acq: 05 Sep 2024 14:42

Tgt Ion: 107 Resp: 1057345
Ion Ratio Lower Upper
107 100
108 88.6 69.8 109.8
77 48.9 18.0 58.0
79 28.1 9.8 49.8



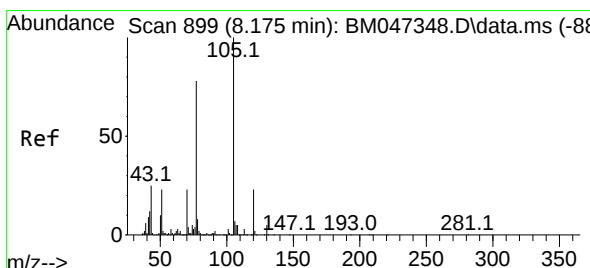
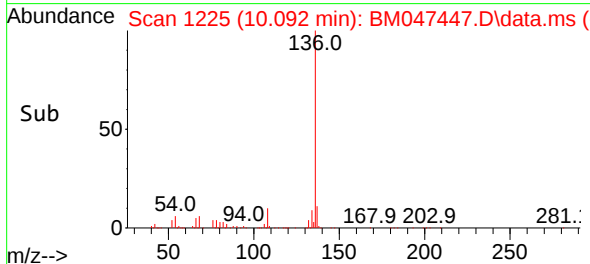
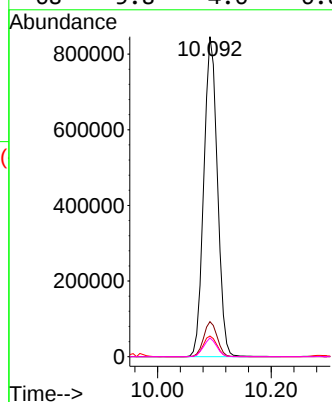
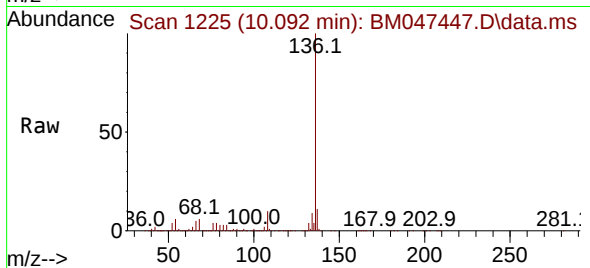


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.092 min Scan# 11
Delta R.T. -0.012 min
Lab File: BM047447.D
Acq: 05 Sep 2024 14:42

Instrument :
BNA_M
ClientSampleId :
PB163165BS

Tgt Ion:136 Resp: 1404479

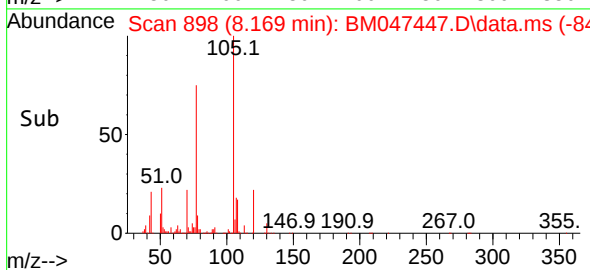
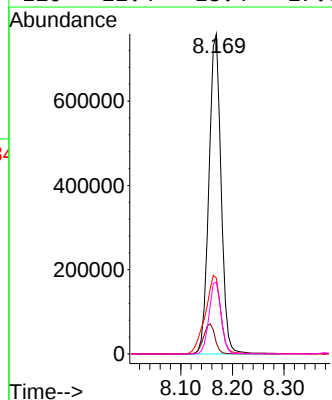
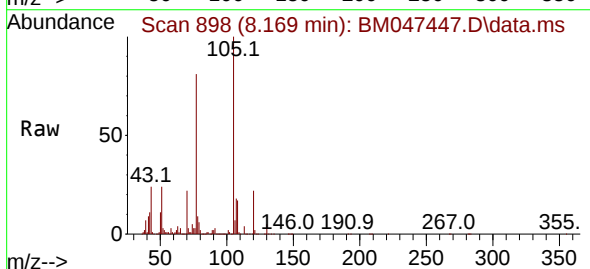
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.8	13.2
54	6.4	5.2	7.8
68	5.8	4.6	6.8

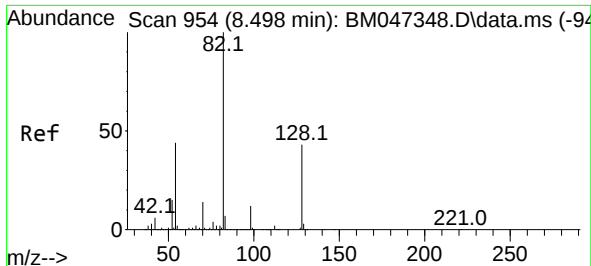


#22
Acetophenone
Concen: 38.069 ng
RT: 8.169 min Scan# 898
Delta R.T. -0.006 min
Lab File: BM047447.D
Acq: 05 Sep 2024 14:42

Tgt Ion:105 Resp: 1240875

Ion	Ratio	Lower	Upper
105	100		
71	3.4	3.1	4.7
51	23.7	18.7	28.1
120	22.4	18.4	27.6

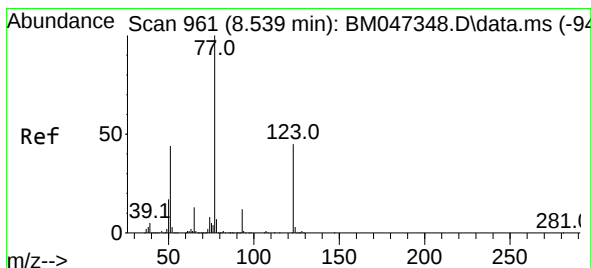
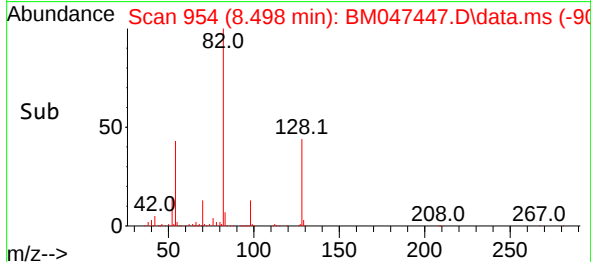
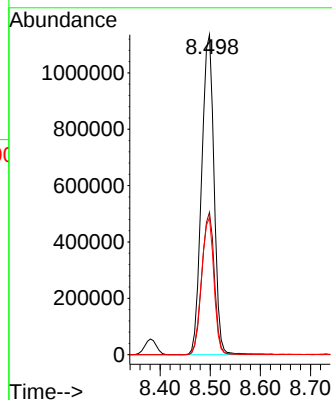
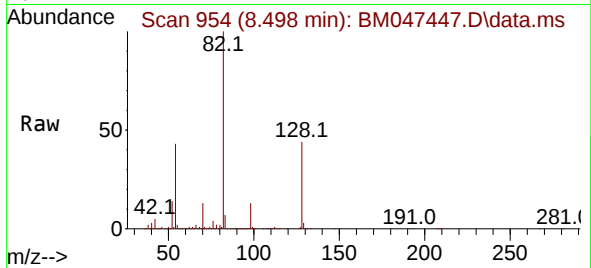




#23
 Nitrobenzene-d5
 Concen: 77.564 ng
 RT: 8.498 min Scan# 911
 Delta R.T. -0.000 min
 Lab File: BM047447.D
 Acq: 05 Sep 2024 14:42

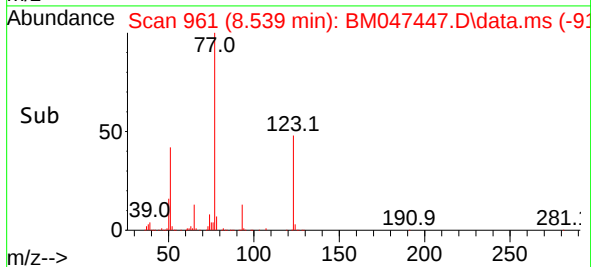
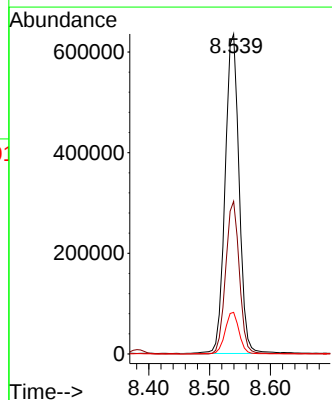
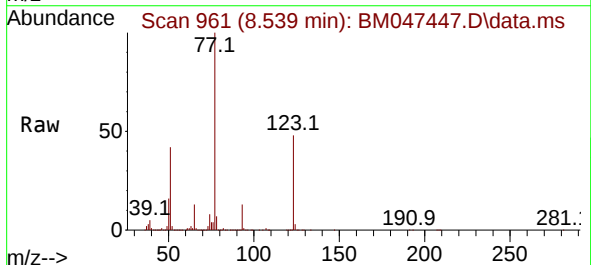
Instrument :
 BNA_M
 ClientSampleId :
 PB163165BS

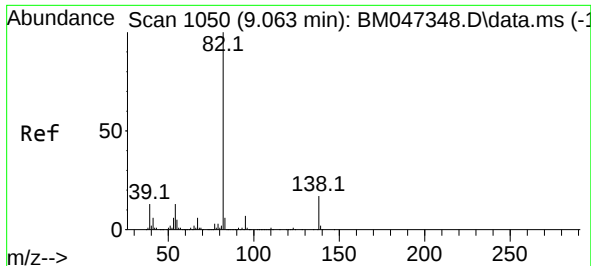
Tgt Ion: 82 Resp: 1963328
 Ion Ratio Lower Upper
 82 100
 128 44.5 34.6 51.8
 54 42.8 35.5 53.3



#24
 Nitrobenzene
 Concen: 38.984 ng
 RT: 8.539 min Scan# 961
 Delta R.T. 0.000 min
 Lab File: BM047447.D
 Acq: 05 Sep 2024 14:42

Tgt Ion: 77 Resp: 1014888
 Ion Ratio Lower Upper
 77 100
 123 47.7 35.6 53.4
 65 13.0 10.5 15.7





#25

Isophorone

Concen: 40.809 ng

RT: 9.063 min Scan# 1050

Delta R.T. -0.000 min

Lab File: BM047447.D

Acq: 05 Sep 2024 14:42

Instrument :

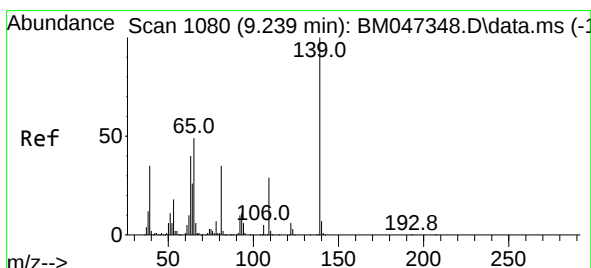
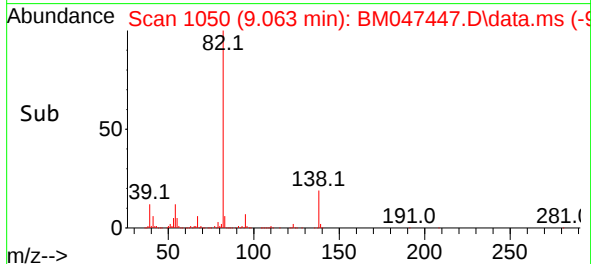
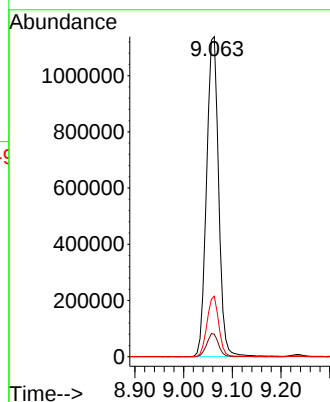
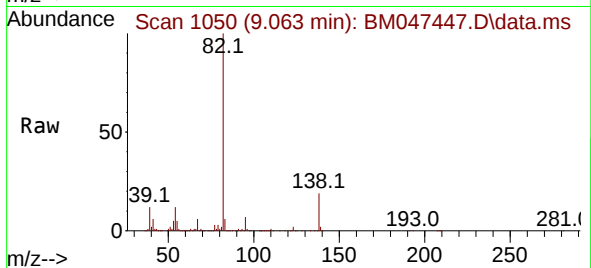
BNA_M

ClientSampleId :

PB163165BS

Tgt Ion: 82 Resp: 1952321

Ion	Ratio	Lower	Upper
82	100		
95	7.0	5.6	8.4
138	18.9	13.9	20.9



#26

2-Nitrophenol

Concen: 45.996 ng

RT: 9.233 min Scan# 1079

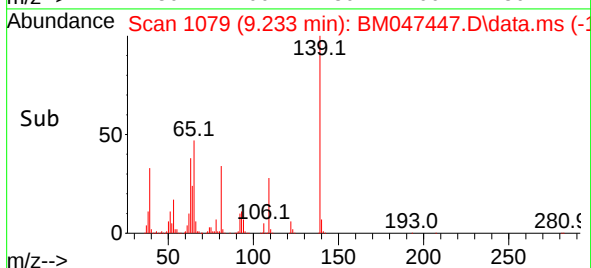
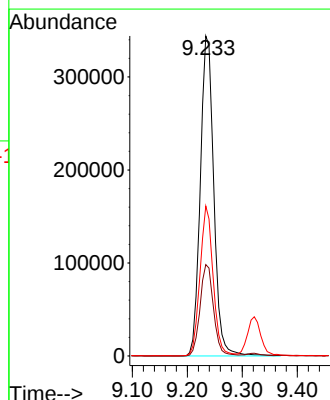
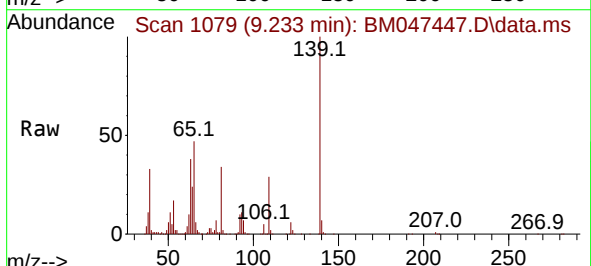
Delta R.T. -0.006 min

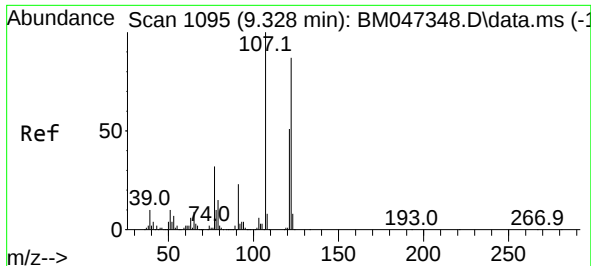
Lab File: BM047447.D

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Tgt Ion: 139 Resp: 588989

Ion	Ratio	Lower	Upper
139	100		
109	28.5	23.4	35.0
65	46.8	39.6	59.4

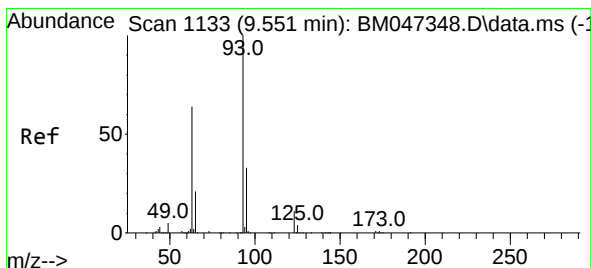
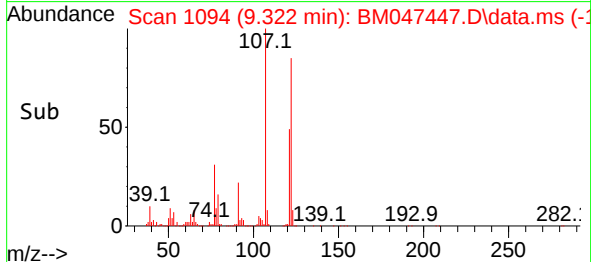
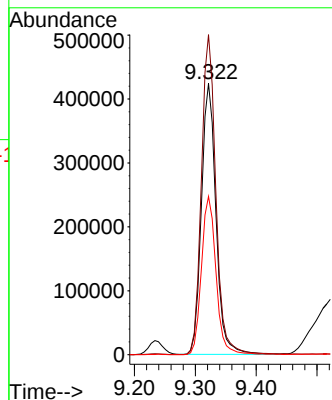
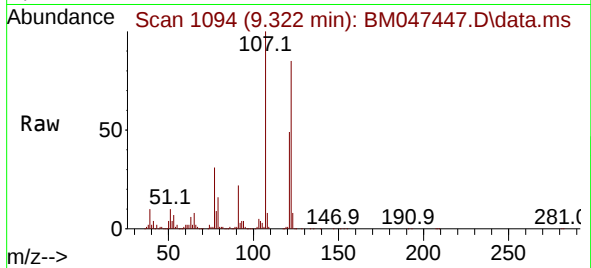




#27
2,4-Dimethylphenol
Concen: 48.813 ng
RT: 9.322 min Scan# 1095
Delta R.T. -0.006 min
Lab File: BM047447.D
Acq: 05 Sep 2024 14:42

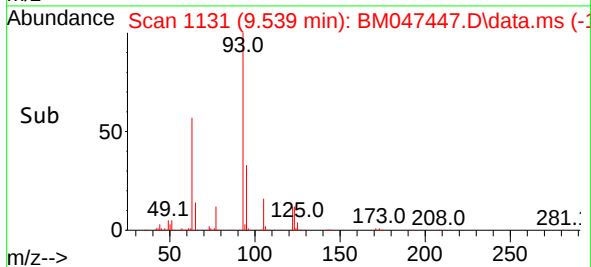
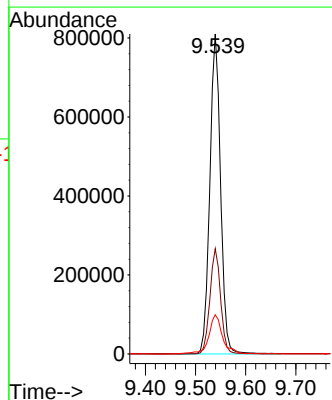
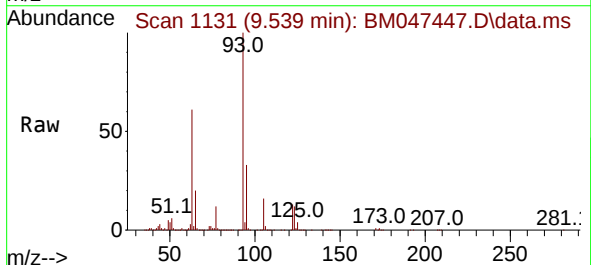
Instrument :
BNA_M
ClientSampleId :
PB163165BS

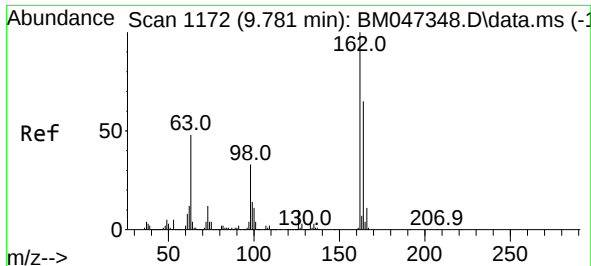
Tgt Ion:122 Resp: 705549
Ion Ratio Lower Upper
122 100
107 118.0 91.9 137.9
121 58.4 47.0 70.6



#28
bis(2-Chloroethoxy)methane
Concen: 41.081 ng
RT: 9.539 min Scan# 1131
Delta R.T. -0.012 min
Lab File: BM047447.D
Acq: 05 Sep 2024 14:42

Tgt Ion: 93 Resp: 1203492
Ion Ratio Lower Upper
93 100
95 32.9 26.6 39.8
123 12.3 9.6 14.4





#29

2,4-Dichlorophenol

Concen: 48.008 ng

RT: 9.781 min Scan# 1172

Delta R.T. -0.000 min

Lab File: BM047447.D

Acq: 05 Sep 2024 14:42

Instrument :

BNA_M

ClientSampleId :

PB163165BS

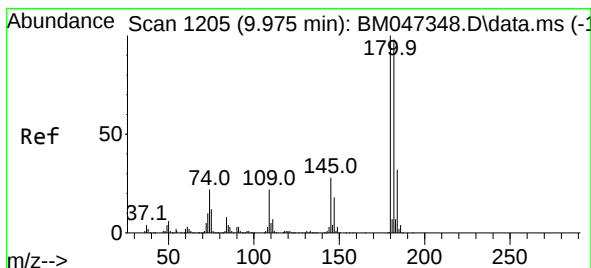
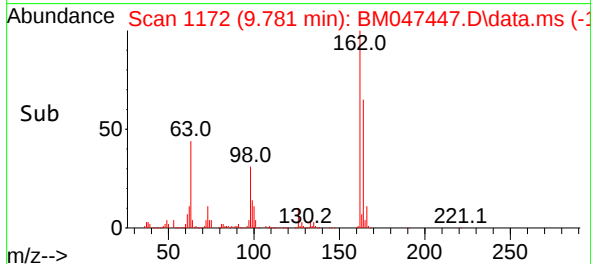
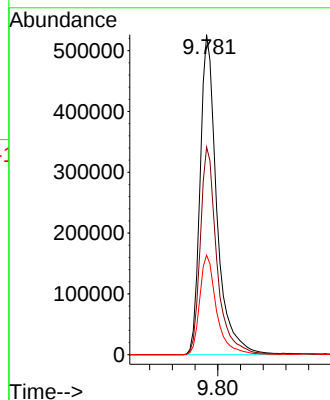
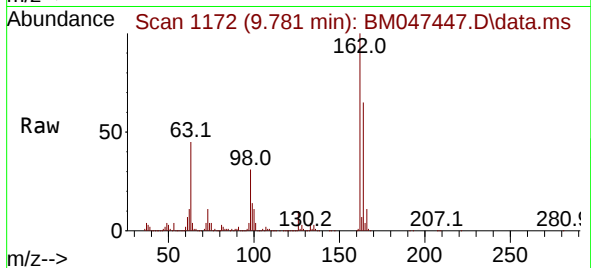
Tgt Ion:162 Resp: 1076431

Ion Ratio Lower Upper

162 100

164 64.9 44.6 84.6

98 31.1 13.2 53.2



#30

1,2,4-Trichlorobenzene

Concen: 42.342 ng

RT: 9.963 min Scan# 1203

Delta R.T. -0.012 min

Lab File: BM047447.D

Acq: 05 Sep 2024 14:42

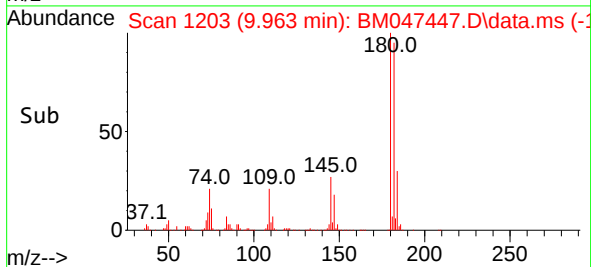
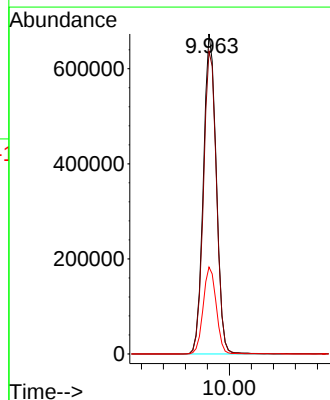
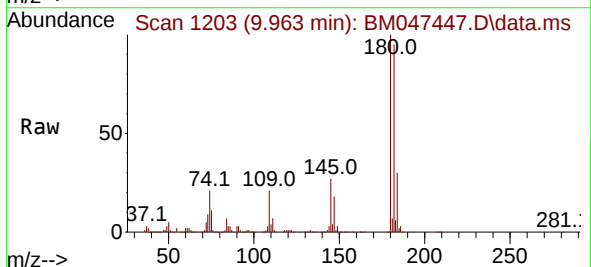
Tgt Ion:180 Resp: 1096599

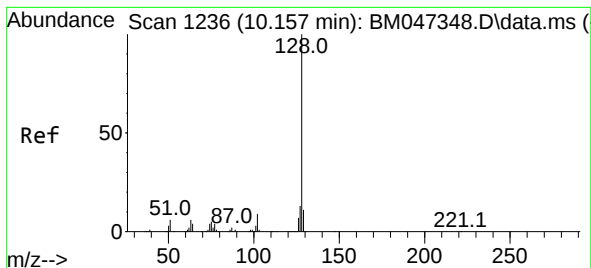
Ion Ratio Lower Upper

180 100

182 94.6 78.2 117.2

145 27.1 22.3 33.5

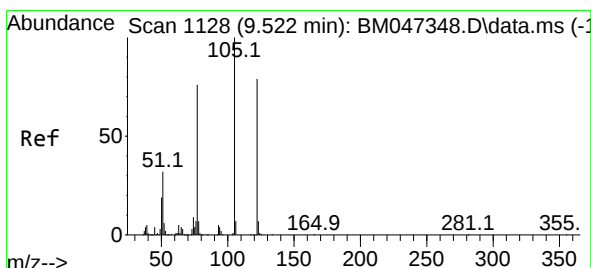
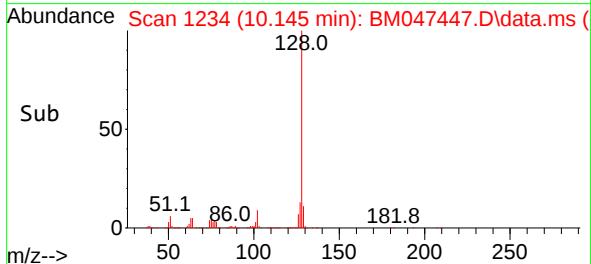
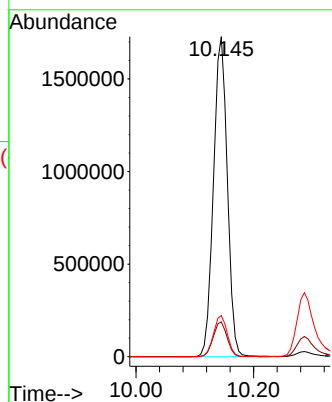
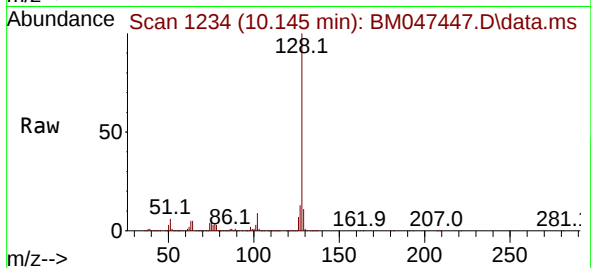




#31
Naphthalene
Concen: 41.193 ng
RT: 10.145 min Scan# 1137
Delta R.T. -0.012 min
Lab File: BM047447.D
Acq: 05 Sep 2024 14:42

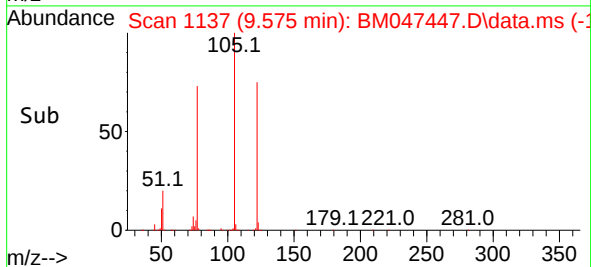
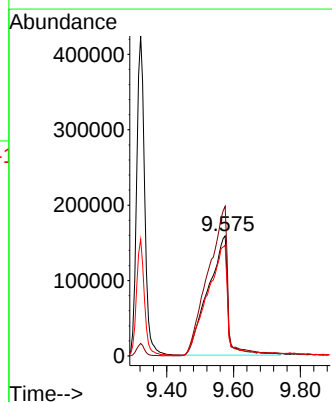
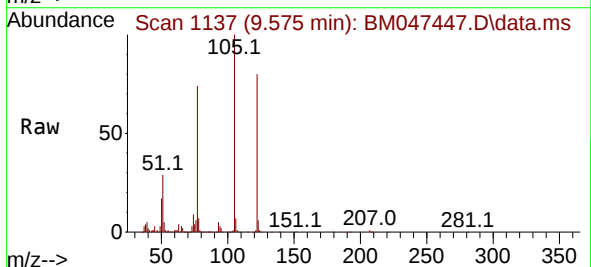
Instrument :
BNA_M
ClientSampleId :
PB163165BS

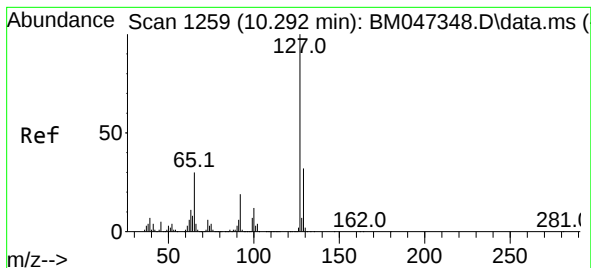
Tgt Ion:128 Resp: 2825715
Ion Ratio Lower Upper
128 100
129 10.9 9.0 13.6
127 12.9 10.4 15.6



#32
Benzoic acid
Concen: 38.103 ng
RT: 9.575 min Scan# 1137
Delta R.T. 0.053 min
Lab File: BM047447.D
Acq: 05 Sep 2024 14:42

Tgt Ion:122 Resp: 657645
Ion Ratio Lower Upper
122 100
105 124.7 106.0 146.0
77 92.2 76.3 116.3

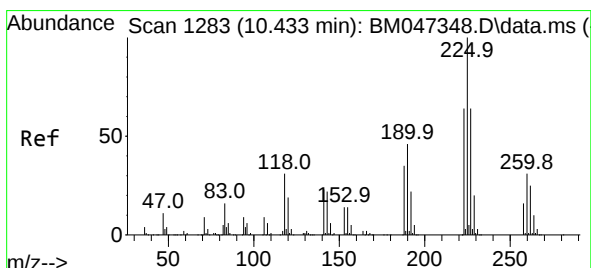
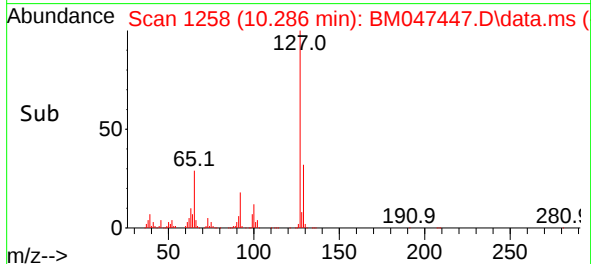
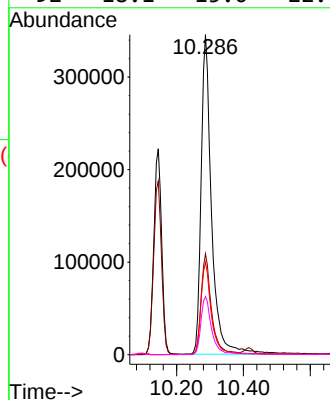
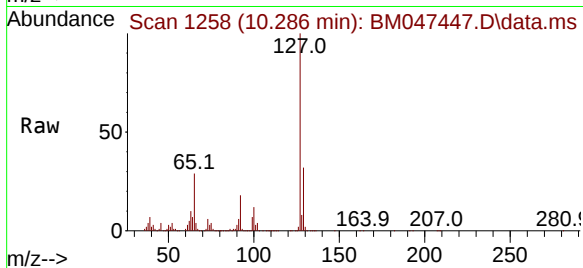




#33
4-Chloroaniline
Concen: 29.501 ng
RT: 10.286 min Scan# 1258
Delta R.T. -0.006 min
Lab File: BM047447.D
Acq: 05 Sep 2024 14:42

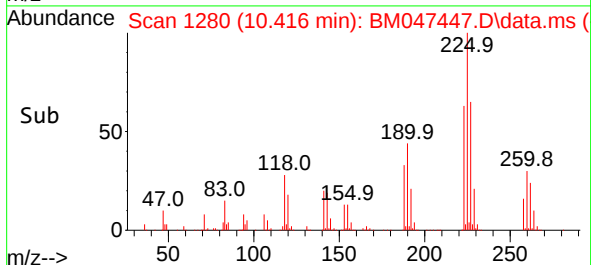
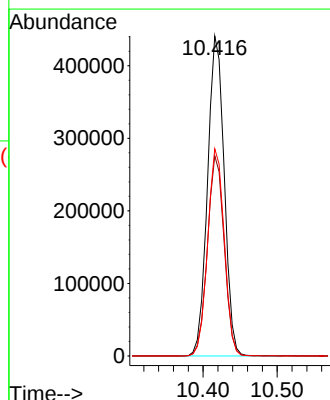
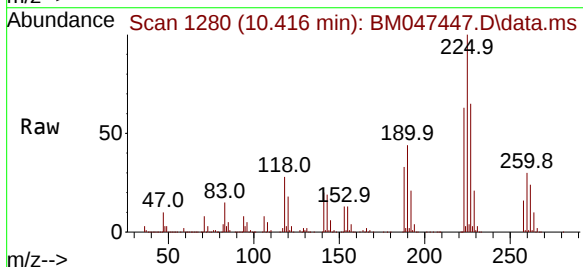
Instrument :
BNA_M
ClientSampleId :
PB163165BS

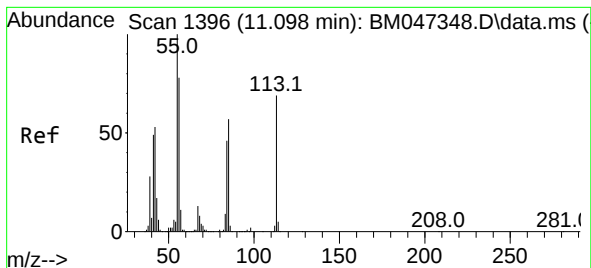
Tgt Ion:	127	Resp:	752471
Ion	Ratio	Lower	Upper
127	100		
129	31.5	25.8	38.8
65	29.0	24.2	36.2
92	18.1	15.0	22.6



#34
Hexachlorobutadiene
Concen: 42.585 ng
RT: 10.416 min Scan# 1280
Delta R.T. -0.018 min
Lab File: BM047447.D
Acq: 05 Sep 2024 14:42

Tgt Ion:	225	Resp:	688778
Ion	Ratio	Lower	Upper
225	100		
223	62.5	51.1	76.7
227	64.7	51.0	76.6

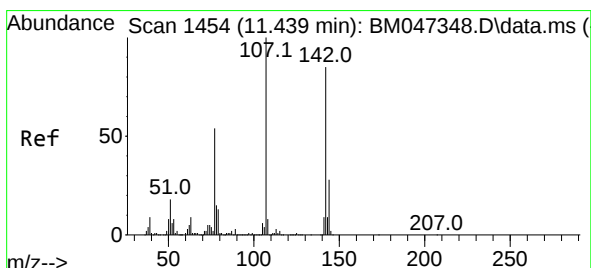
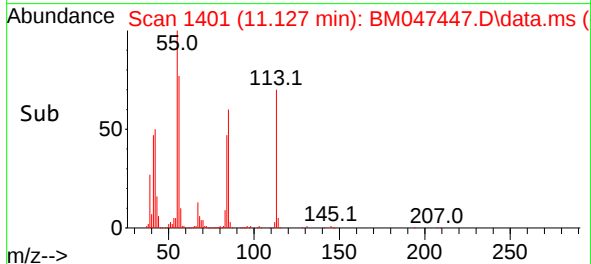
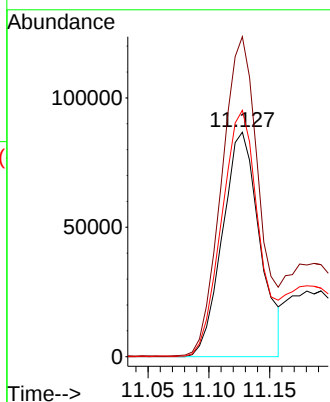
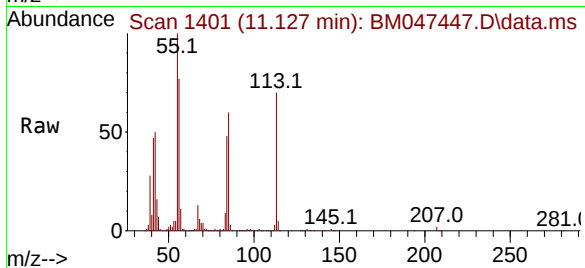




#35
Caprolactam
Concen: 25.378 ng
RT: 11.127 min Scan# 1401
Delta R.T. 0.029 min
Lab File: BM047447.D
Acq: 05 Sep 2024 14:42

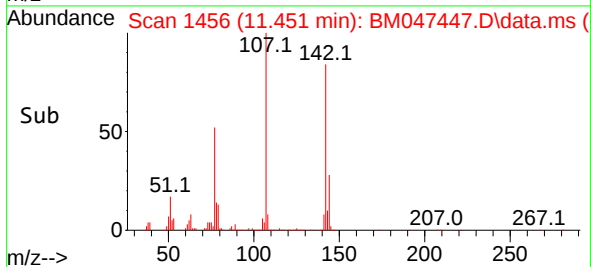
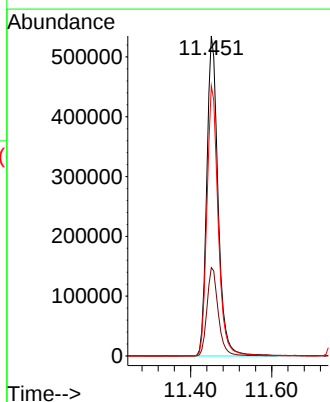
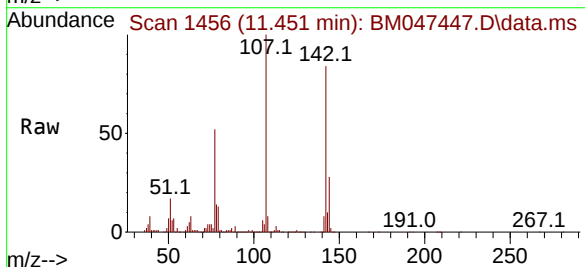
Instrument :
BNA_M
ClientSampleId :
PB163165BS

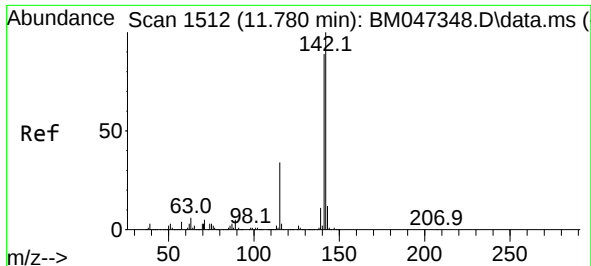
Tgt Ion:113 Resp: 184336
Ion Ratio Lower Upper
113 100
55 142.6 126.2 166.2
56 109.8 93.2 133.2



#36
4-Chloro-3-methylphenol
Concen: 45.124 ng
RT: 11.451 min Scan# 1456
Delta R.T. 0.012 min
Lab File: BM047447.D
Acq: 05 Sep 2024 14:42

Tgt Ion:107 Resp: 1027470
Ion Ratio Lower Upper
107 100
144 27.6 22.2 33.4
142 84.4 67.7 101.5

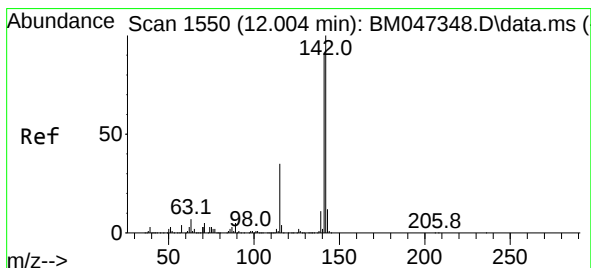
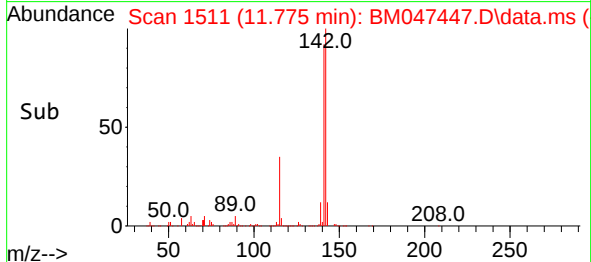
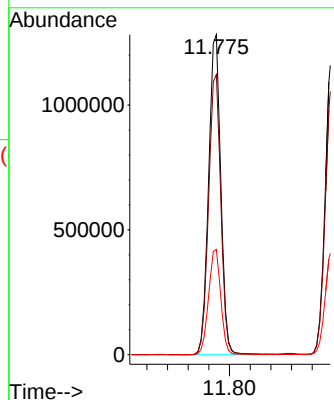
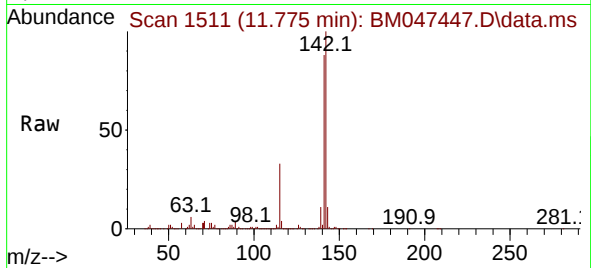




#37
2-Methylnaphthalene
Concen: 41.867 ng
RT: 11.775 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM047447.D
Acq: 05 Sep 2024 14:42

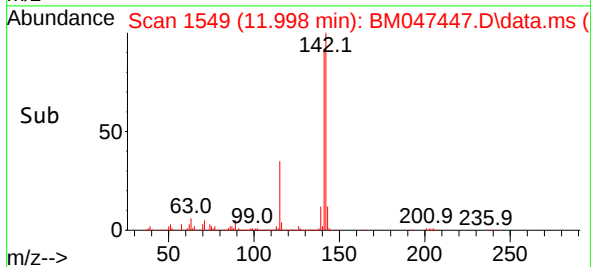
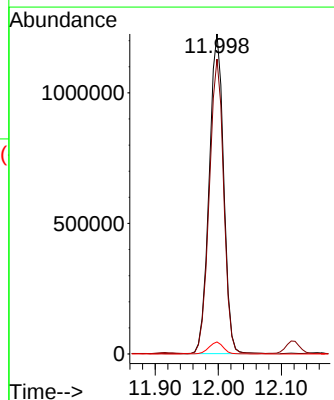
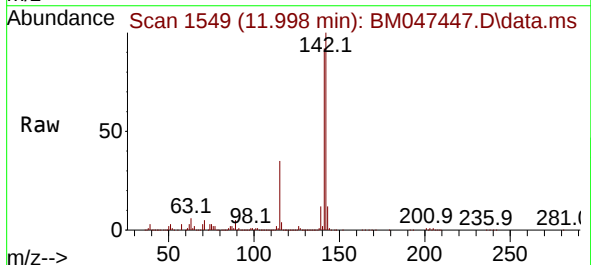
Instrument :
BNA_M
ClientSampleId :
PB163165BS

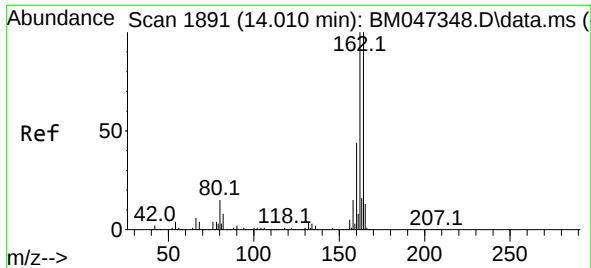
Tgt Ion:142 Resp: 2094036
Ion Ratio Lower Upper
142 100
141 87.5 70.8 106.2
115 32.9 27.5 41.3



#38
1-Methylnaphthalene
Concen: 39.404 ng
RT: 11.998 min Scan# 1549
Delta R.T. -0.006 min
Lab File: BM047447.D
Acq: 05 Sep 2024 14:42

Tgt Ion:142 Resp: 1949206
Ion Ratio Lower Upper
142 100
141 92.1 72.9 109.3
116 3.8 3.0 4.6

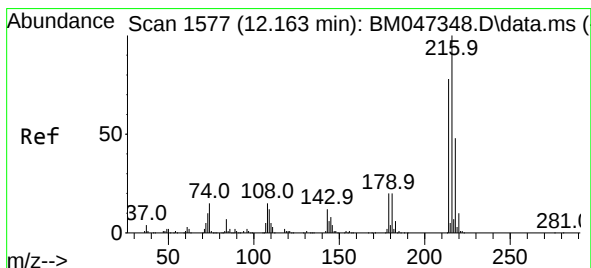
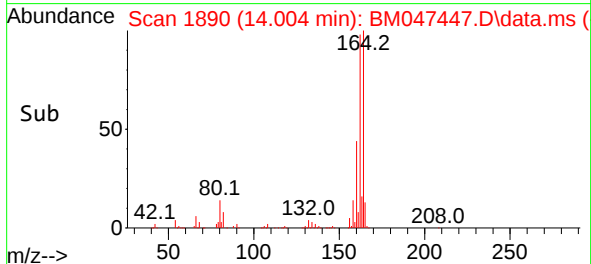
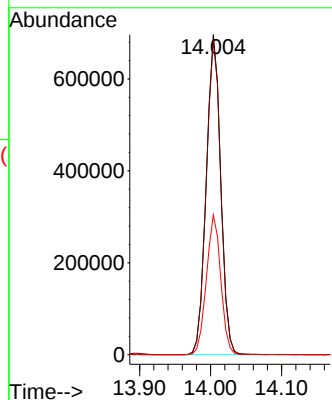
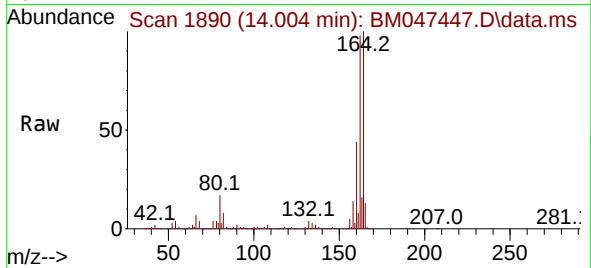




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.004 min Scan# 11
Delta R.T. -0.006 min
Lab File: BM047447.D
Acq: 05 Sep 2024 14:42

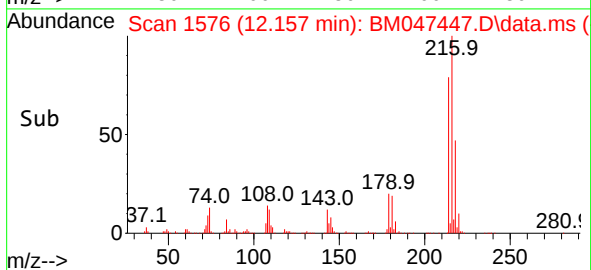
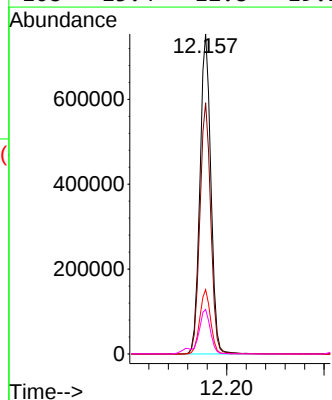
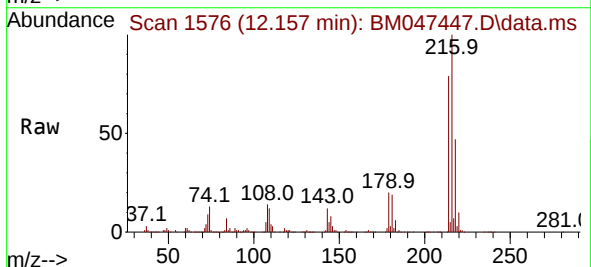
Instrument :
BNA_M
ClientSampleId :
PB163165BS

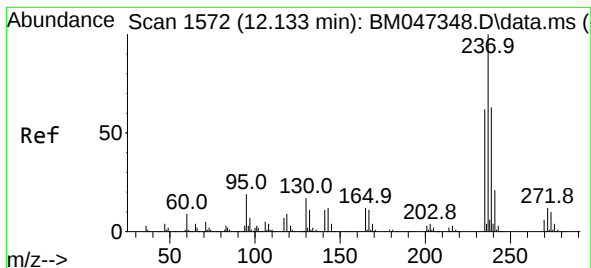
Tgt Ion:164 Resp: 985408
Ion Ratio Lower Upper
164 100
162 98.3 79.7 119.5
160 43.6 34.9 52.3



#40
1,2,4,5-Tetrachlorobenzene
Concen: 40.347 ng
RT: 12.157 min Scan# 1576
Delta R.T. -0.006 min
Lab File: BM047447.D
Acq: 05 Sep 2024 14:42

Tgt Ion:216 Resp: 1177329
Ion Ratio Lower Upper
216 100
214 78.5 62.6 94.0
179 20.0 16.6 24.8
108 15.4 12.8 19.2

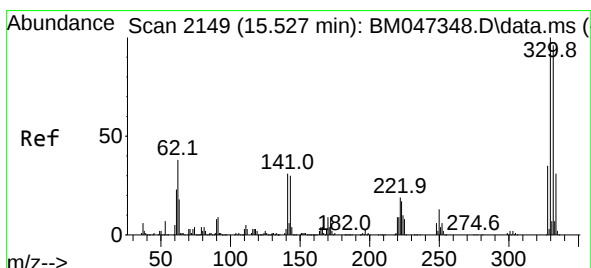
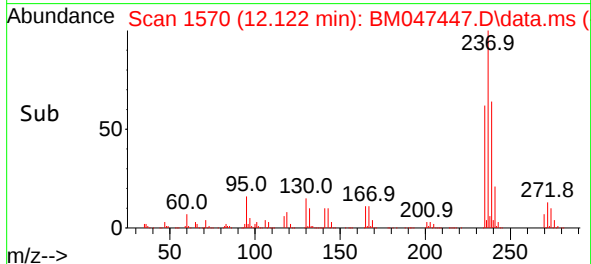
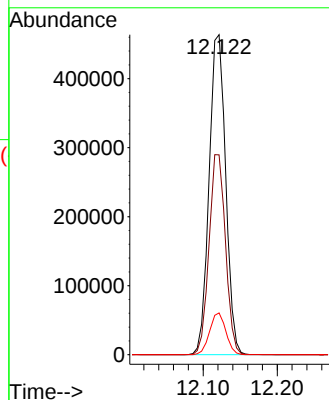
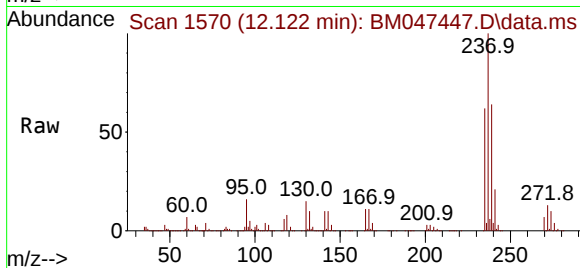




#41
Hexachlorocyclopentadiene
Concen: 78.194 ng
RT: 12.122 min Scan# 1
Delta R.T. -0.011 min
Lab File: BM047447.D
Acq: 05 Sep 2024 14:42

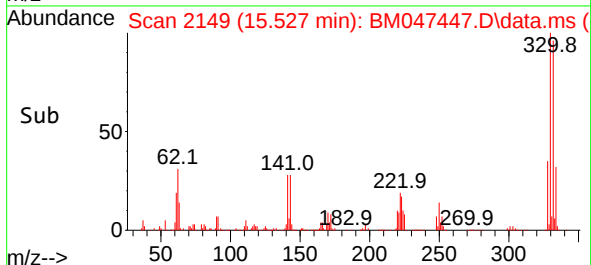
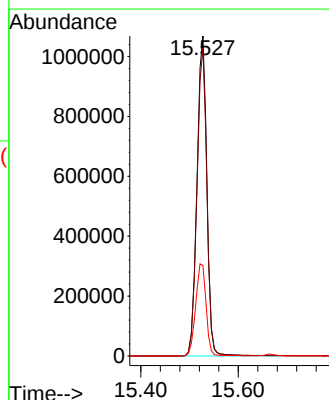
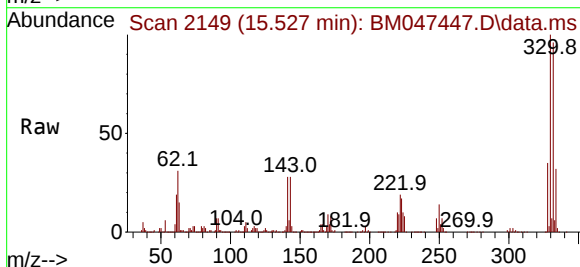
Instrument :
BNA_M
ClientSampleId :
PB163165BS

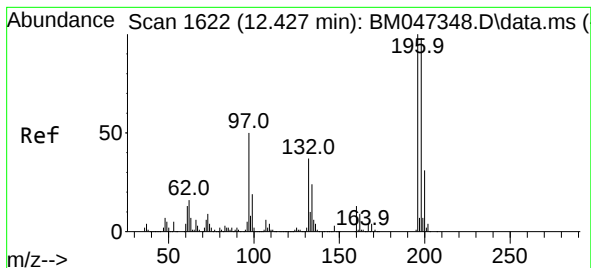
Tgt Ion:237 Resp: 720111
Ion Ratio Lower Upper
237 100
235 62.5 42.1 82.1
272 13.1 0.0 32.3



#42
2,4,6-Tribromophenol
Concen: 127.530 ng
RT: 15.527 min Scan# 2149
Delta R.T. 0.000 min
Lab File: BM047447.D
Acq: 05 Sep 2024 14:42

Tgt Ion:330 Resp: 1516173
Ion Ratio Lower Upper
330 100
332 95.9 77.2 115.8
141 30.3 27.6 41.4





#43

2,4,6-Trichlorophenol

Concen: 45.681 ng

RT: 12.427 min Scan# 1

Delta R.T. 0.000 min

Lab File: BM047447.D

Acq: 05 Sep 2024 14:42

Instrument :

BNA_M

ClientSampleId :

PB163165BS

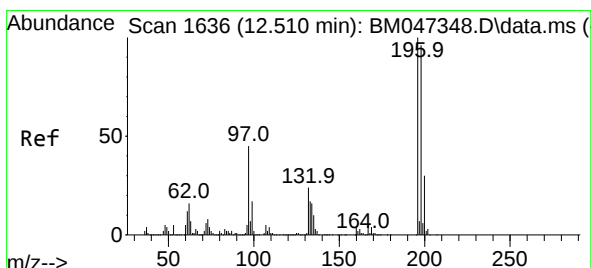
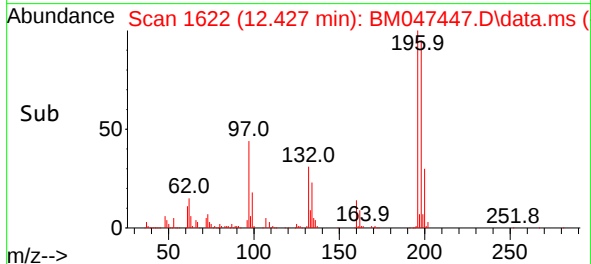
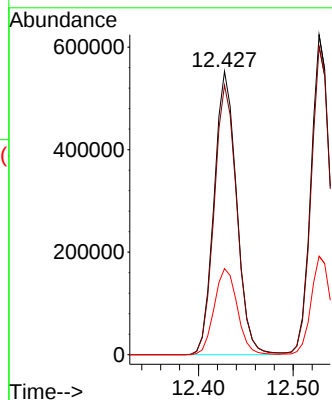
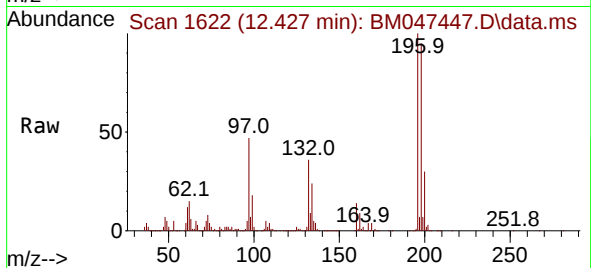
Tgt Ion:196 Resp: 913769

Ion Ratio Lower Upper

196 100

198 95.1 78.2 117.2

200 30.4 24.9 37.3



#44

2,4,5-Trichlorophenol

Concen: 41.750 ng

RT: 12.527 min Scan# 1639

Delta R.T. 0.018 min

Lab File: BM047447.D

Acq: 05 Sep 2024 14:42

Tgt Ion:196 Resp: 927473

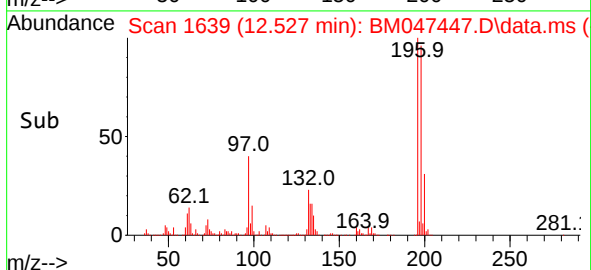
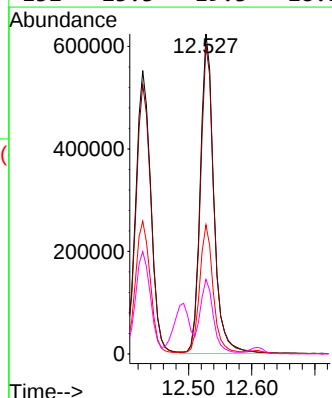
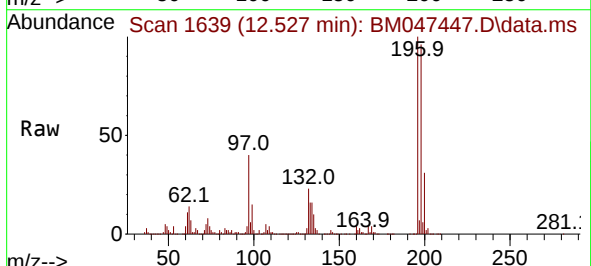
Ion Ratio Lower Upper

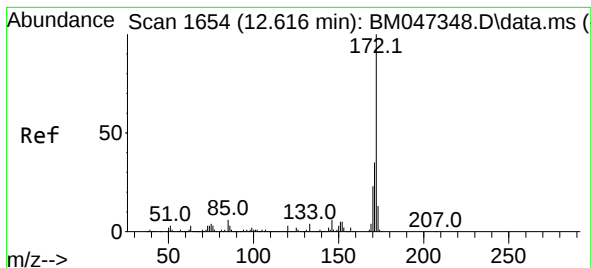
196 100

198 96.3 76.6 115.0

97 40.3 35.9 53.9

132 23.3 19.3 28.9





#45

2-Fluorobiphenyl

Concen: 75.638 ng

RT: 12.610 min Scan# 1

Delta R.T. -0.006 min

Lab File: BM047447.D

Acq: 05 Sep 2024 14:42

Instrument :

BNA_M

ClientSampleId :

PB163165BS

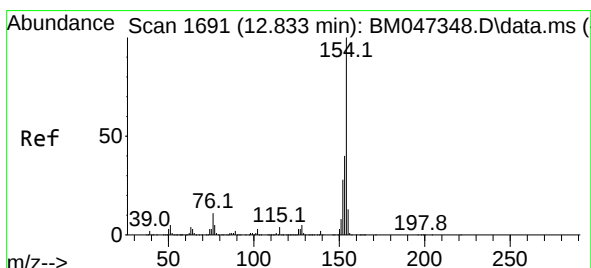
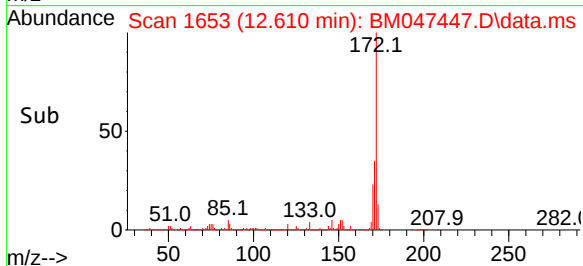
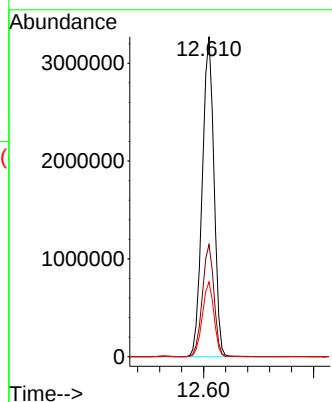
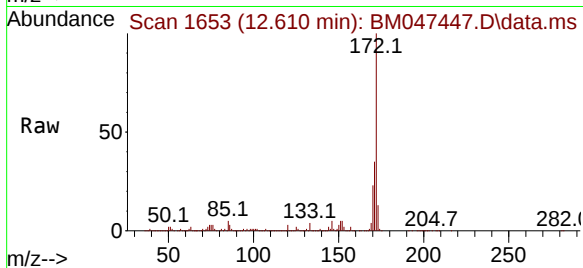
Tgt Ion:172 Resp: 4850898

Ion Ratio Lower Upper

172 100

171 35.1 27.8 41.6

170 23.3 18.5 27.7



#46

1,1'-Biphenyl

Concen: 37.269 ng

RT: 12.821 min Scan# 1689

Delta R.T. -0.012 min

Lab File: BM047447.D

Acq: 05 Sep 2024 14:42

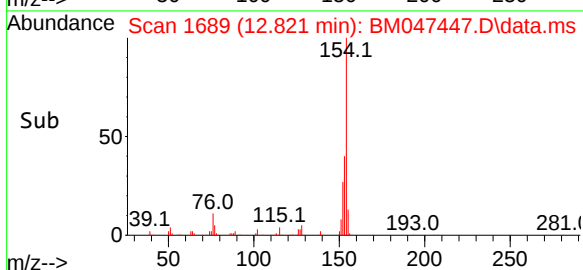
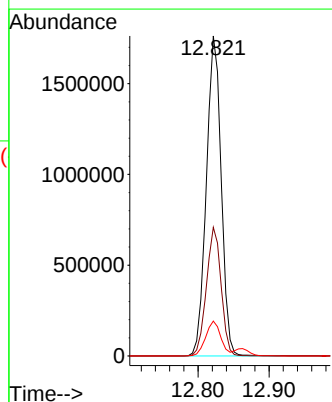
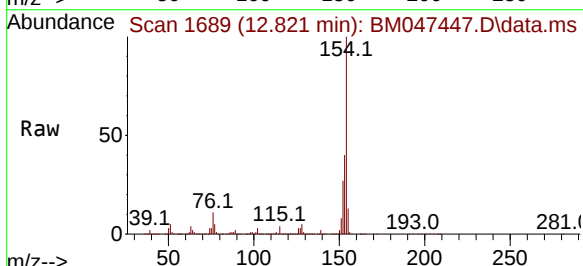
Tgt Ion:154 Resp: 2564329

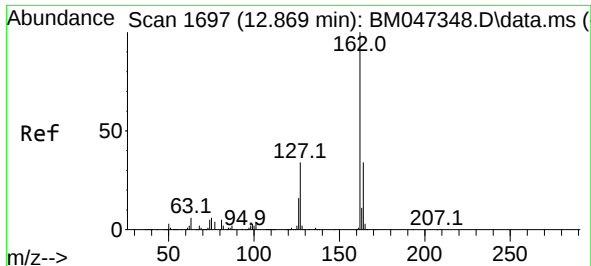
Ion Ratio Lower Upper

154 100

153 40.2 20.1 60.1

76 10.9 0.0 31.2





#47

2-Chloronaphthalene

Concen: 39.822 ng

RT: 12.863 min Scan# 1

Delta R.T. -0.006 min

Lab File: BM047447.D

Acq: 05 Sep 2024 14:42

Instrument :

BNA_M

ClientSampleId :

PB163165BS

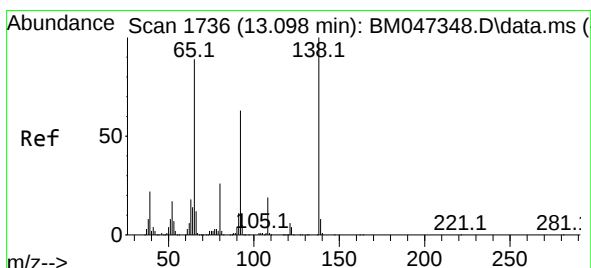
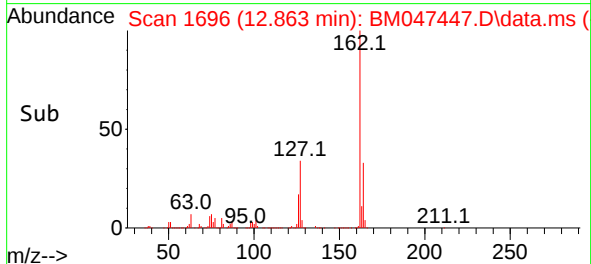
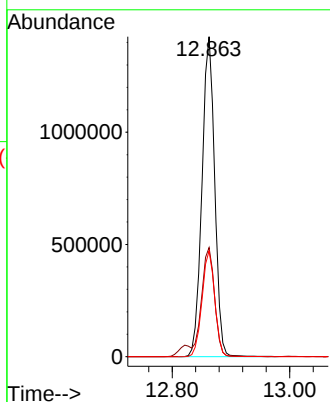
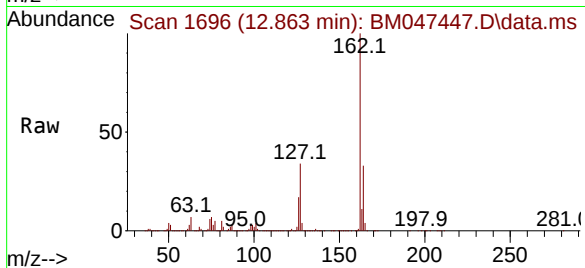
Tgt Ion:162 Resp: 2147215

Ion Ratio Lower Upper

162 100

127 34.1 28.3 42.5

164 33.0 27.0 40.4



#48

2-Nitroaniline

Concen: 42.790 ng

RT: 13.104 min Scan# 1737

Delta R.T. 0.006 min

Lab File: BM047447.D

Acq: 05 Sep 2024 14:42

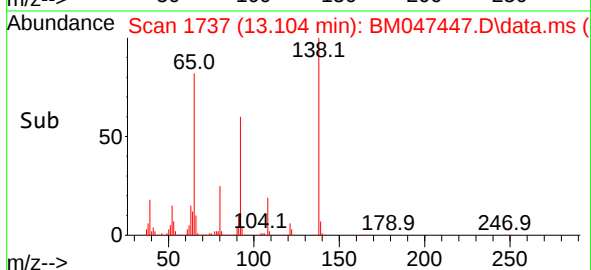
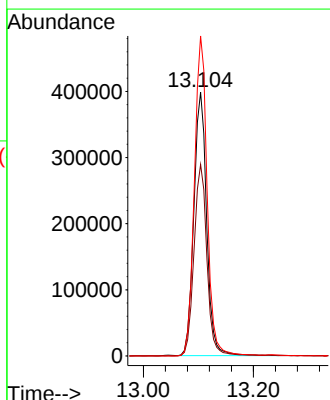
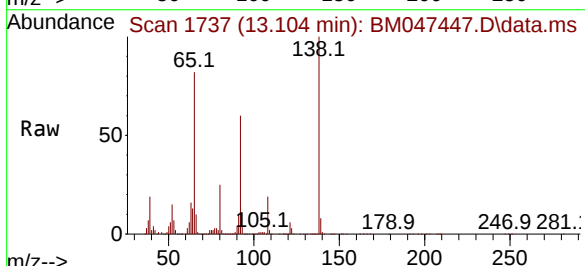
Tgt Ion: 65 Resp: 646305

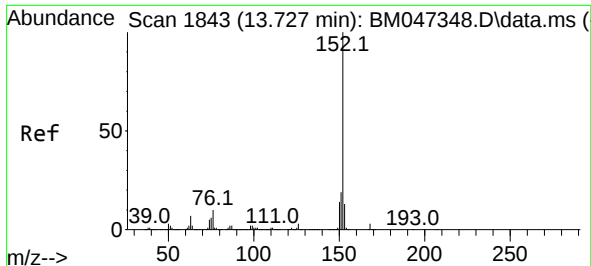
Ion Ratio Lower Upper

65 100

92 72.6 57.0 85.6

138 121.3 90.0 135.0

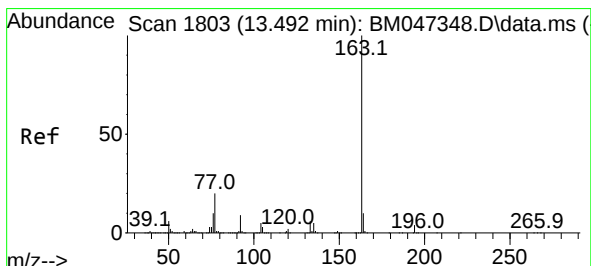
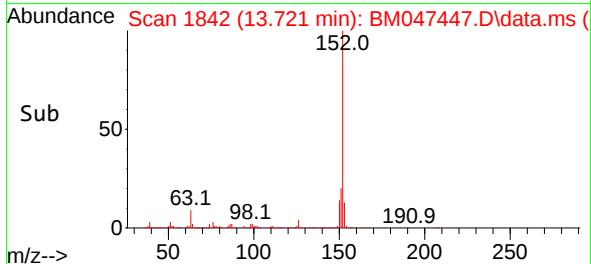
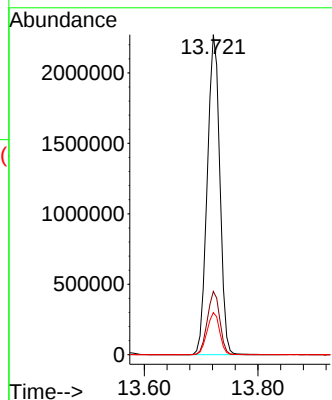
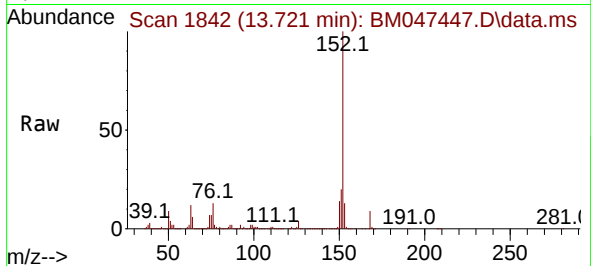




#49
Acenaphthylene
Concen: 44.142 ng
RT: 13.721 min Scan# 1843
Delta R.T. -0.006 min
Lab File: BM047447.D
Acq: 05 Sep 2024 14:42

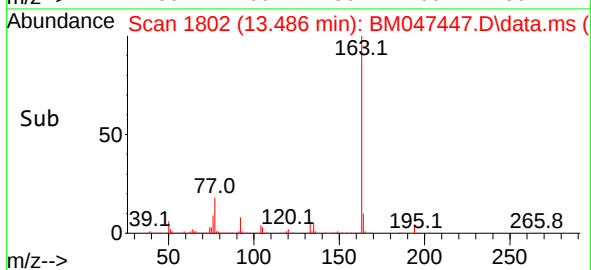
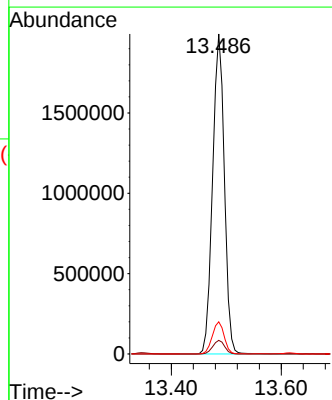
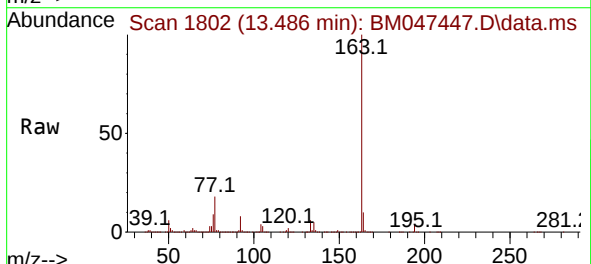
Instrument :
BNA_M
ClientSampleId :
PB163165BS

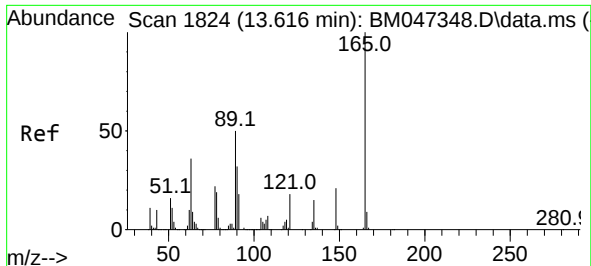
Tgt Ion:152 Resp: 3459297
Ion Ratio Lower Upper
152 100
151 19.7 15.4 23.0
153 13.1 10.6 15.8



#50
Dimethylphthalate
Concen: 43.504 ng
RT: 13.486 min Scan# 1802
Delta R.T. -0.006 min
Lab File: BM047447.D
Acq: 05 Sep 2024 14:42

Tgt Ion:163 Resp: 2953850
Ion Ratio Lower Upper
163 100
194 4.2 3.3 4.9
164 10.1 8.2 12.4

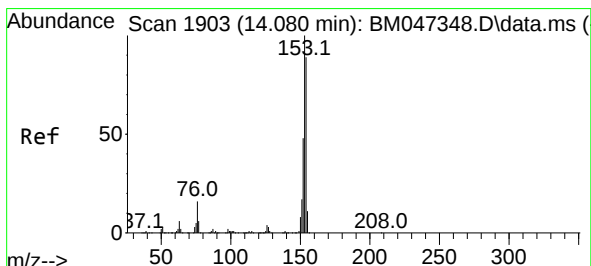
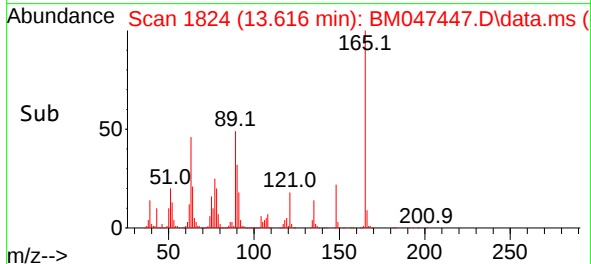
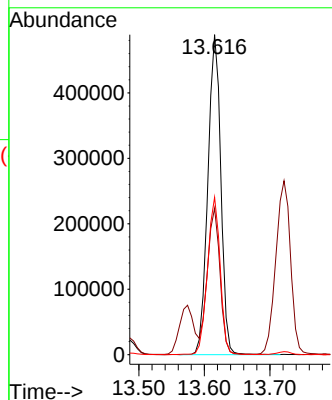
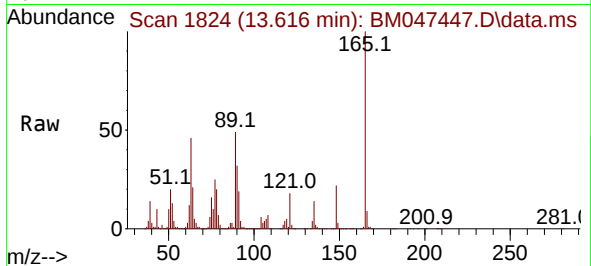




#51
2,6-Dinitrotoluene
Concen: 42.630 ng
RT: 13.616 min Scan# 1824
Delta R.T. -0.000 min
Lab File: BM047447.D
Acq: 05 Sep 2024 14:42

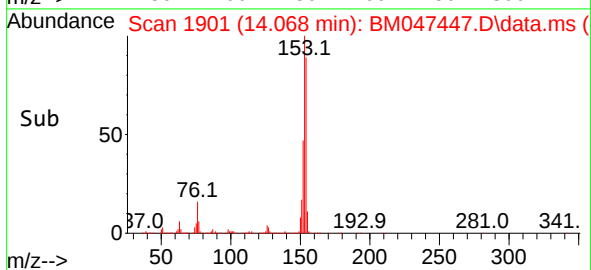
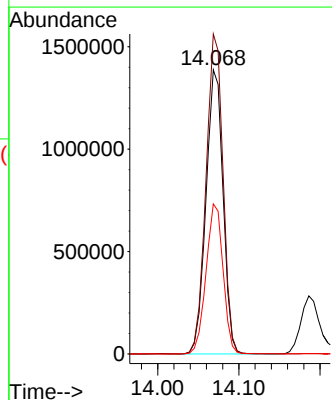
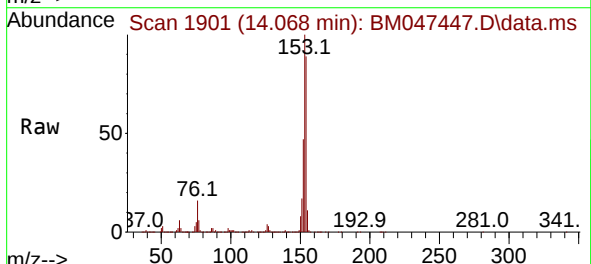
Instrument :
BNA_M
ClientSampleId :
PB163165BS

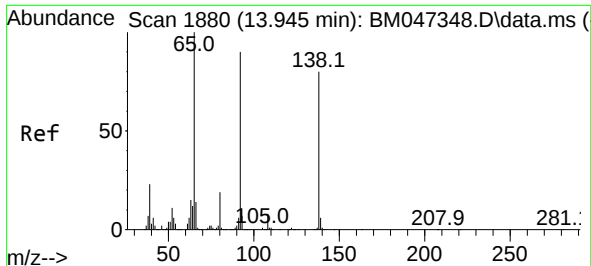
Tgt Ion:165 Resp: 673934
Ion Ratio Lower Upper
165 100
63 45.8 38.2 57.4
89 49.2 40.4 60.6



#52
Acenaphthene
Concen: 40.586 ng
RT: 14.068 min Scan# 1901
Delta R.T. -0.012 min
Lab File: BM047447.D
Acq: 05 Sep 2024 14:42

Tgt Ion:154 Resp: 2019122
Ion Ratio Lower Upper
154 100
153 112.6 89.5 134.3
152 52.8 43.0 64.4

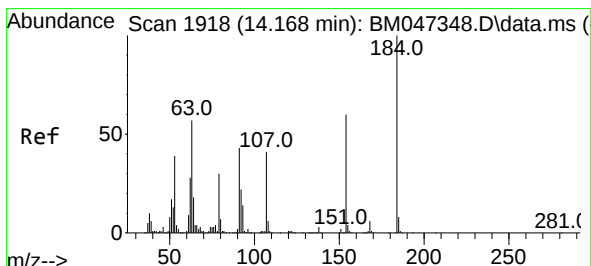
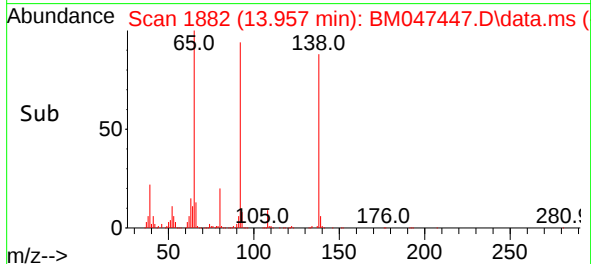
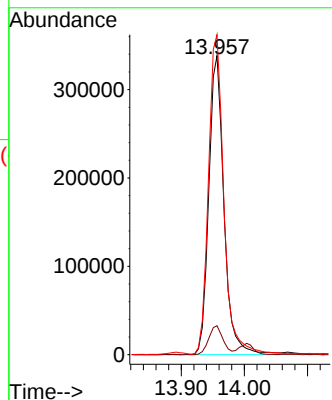
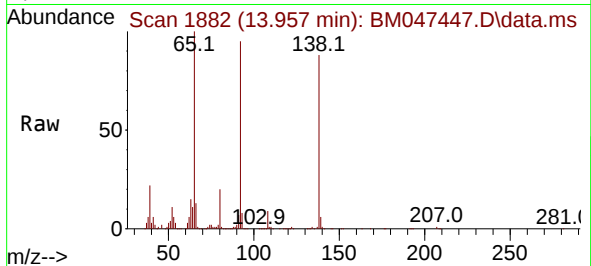




#53
3-Nitroaniline
Concen: 38.664 ng
RT: 13.957 min Scan# 1882
Delta R.T. 0.012 min
Lab File: BM047447.D
Acq: 05 Sep 2024 14:42

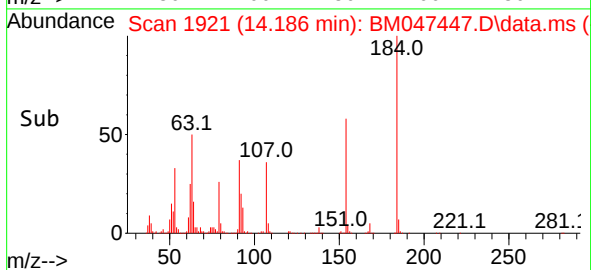
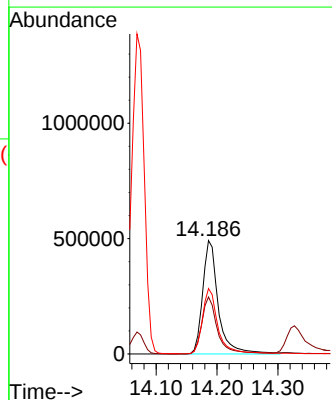
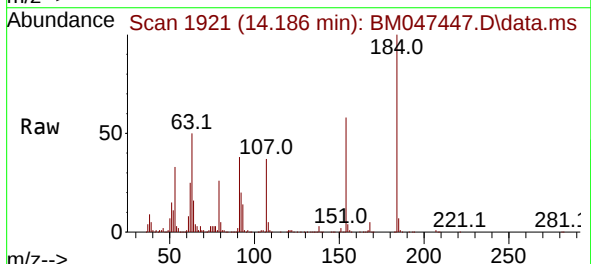
Instrument :
BNA_M
ClientSampleId :
PB163165BS

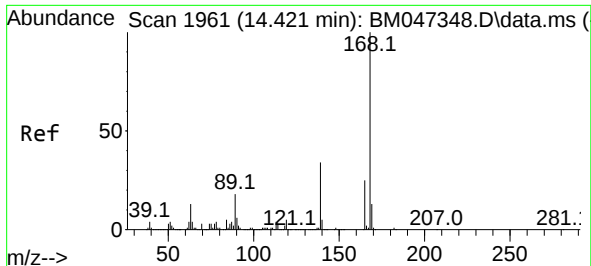
Tgt Ion:138 Resp: 564015
Ion Ratio Lower Upper
138 100
108 9.7 8.0 12.0
92 107.0 90.1 135.1



#54
2,4-Dinitrophenol
Concen: 90.130 ng
RT: 14.186 min Scan# 1921
Delta R.T. 0.018 min
Lab File: BM047447.D
Acq: 05 Sep 2024 14:42

Tgt Ion:184 Resp: 877474
Ion Ratio Lower Upper
184 100
63 50.3 45.7 68.5
154 57.8 48.5 72.7

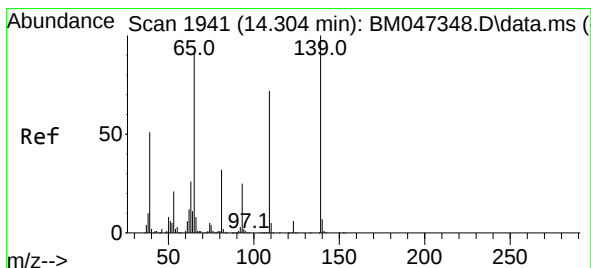
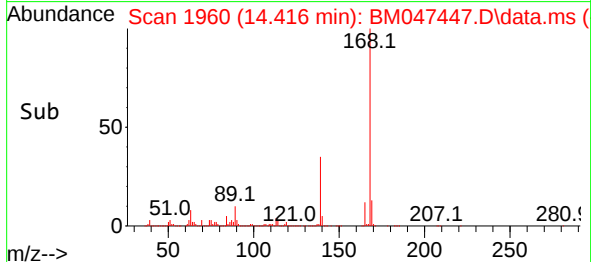
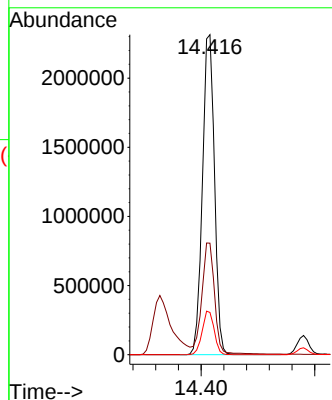
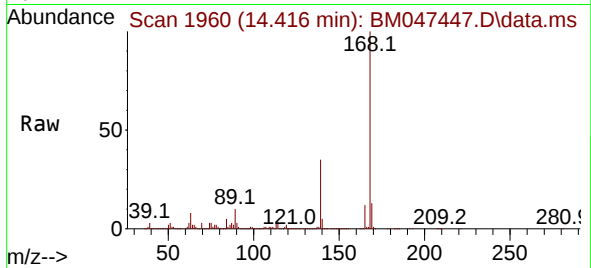




#55
Dibenzofuran
Concen: 42.516 ng
RT: 14.416 min Scan# 1960
Delta R.T. -0.006 min
Lab File: BM047447.D
Acq: 05 Sep 2024 14:42

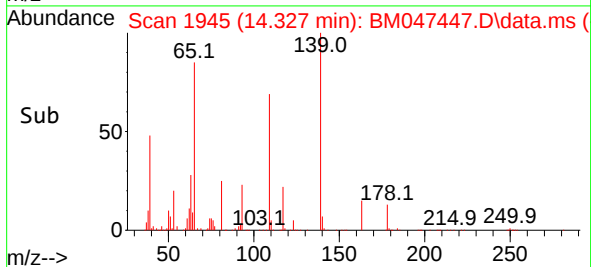
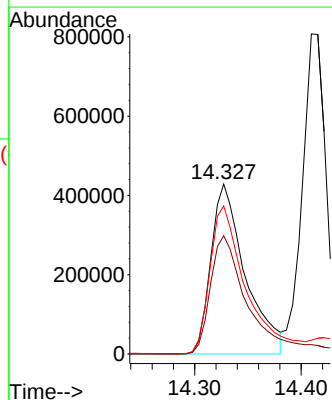
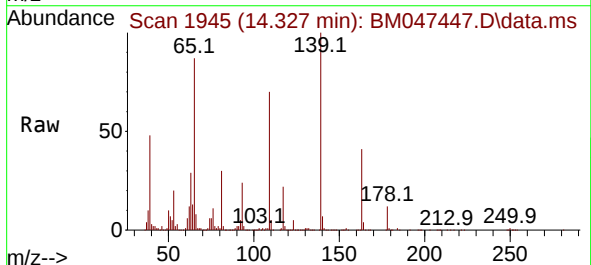
Instrument :
BNA_M
ClientSampleId :
PB163165BS

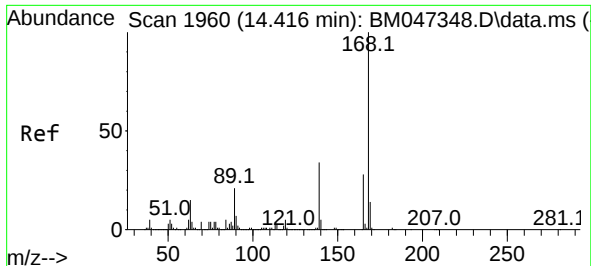
Tgt Ion:168 Resp: 3406879
Ion Ratio Lower Upper
168 100
139 34.8 27.5 41.3
169 13.2 10.5 15.7



#56
4-Nitrophenol
Concen: 84.090 ng
RT: 14.327 min Scan# 1945
Delta R.T. 0.023 min
Lab File: BM047447.D
Acq: 05 Sep 2024 14:42

Tgt Ion:139 Resp: 958865
Ion Ratio Lower Upper
139 100
109 69.6 51.6 91.6
65 87.1 71.7 111.7

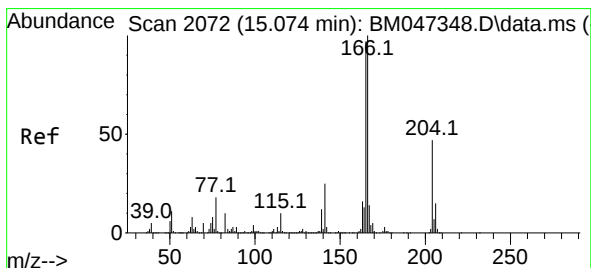
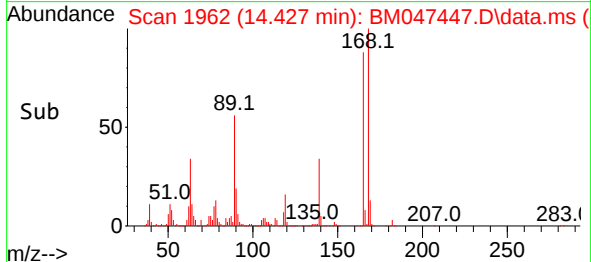
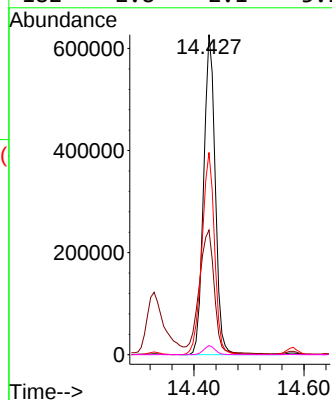
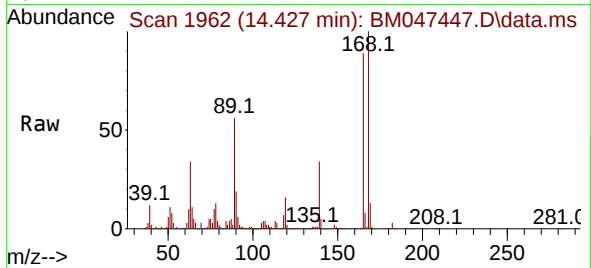




#57
2,4-Dinitrotoluene
Concen: 44.862 ng
RT: 14.427 min Scan# 1960
Delta R.T. 0.012 min
Lab File: BM047447.D
Acq: 05 Sep 2024 14:42

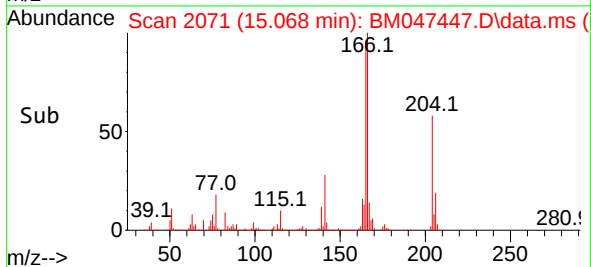
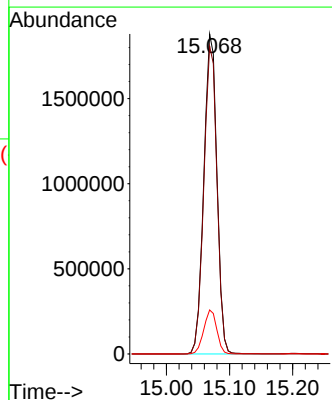
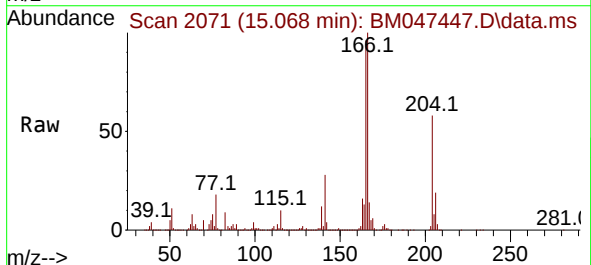
Instrument :
BNA_M
ClientSampleId :
PB163165BS

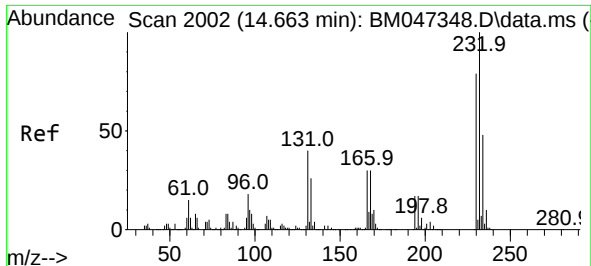
Tgt Ion:165 Resp: 918098
Ion Ratio Lower Upper
165 100
63 39.0 42.2 63.4#
89 63.2 59.3 88.9
182 2.8 2.1 3.1



#58
Fluorene
Concen: 41.760 ng
RT: 15.068 min Scan# 2071
Delta R.T. -0.006 min
Lab File: BM047447.D
Acq: 05 Sep 2024 14:42

Tgt Ion:166 Resp: 2708230
Ion Ratio Lower Upper
166 100
165 96.2 77.8 116.6
167 13.7 11.1 16.7

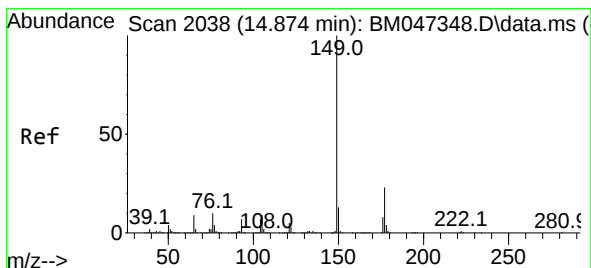
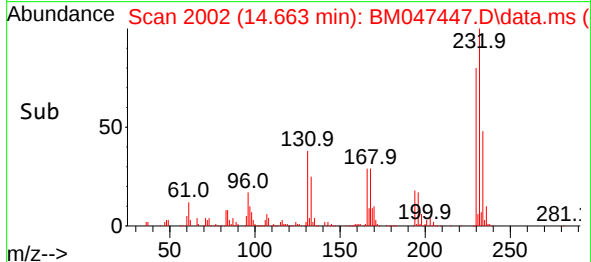
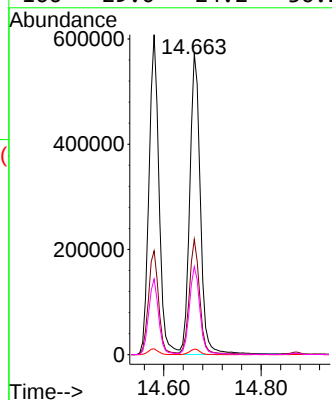
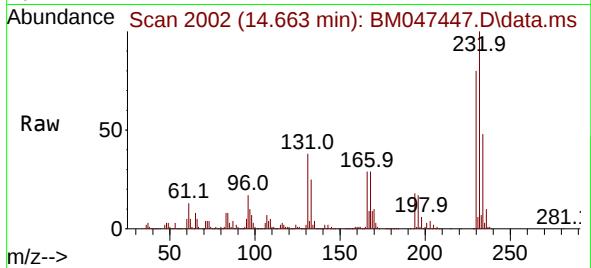




#59
2,3,4,6-Tetrachlorophenol
Concen: 47.160 ng
RT: 14.663 min Scan# 2002
Delta R.T. 0.000 min
Lab File: BM047447.D
Acq: 05 Sep 2024 14:42

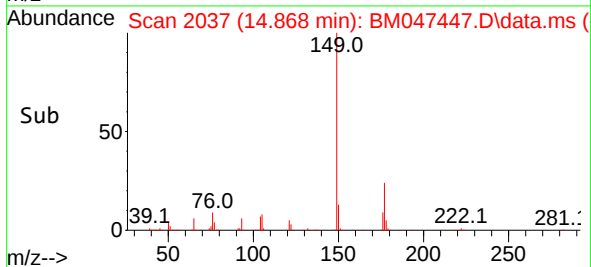
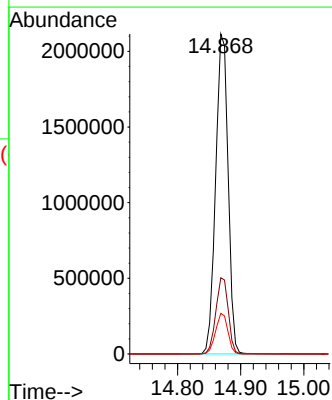
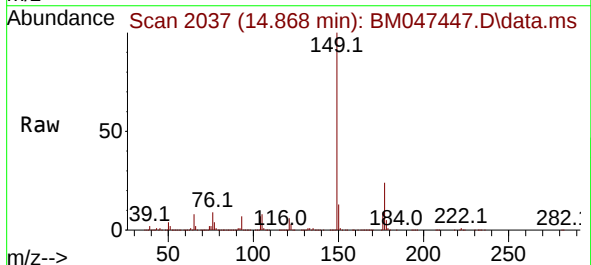
Instrument :
BNA_M
ClientSampleId :
PB163165BS

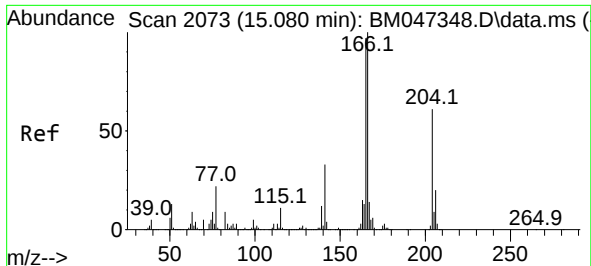
Tgt Ion:232 Resp: 860510
Ion Ratio Lower Upper
232 100
131 36.4 31.7 47.5
130 1.9 1.7 2.5
166 29.0 24.2 36.2



#60
Diethylphthalate
Concen: 43.156 ng
RT: 14.868 min Scan# 2037
Delta R.T. -0.006 min
Lab File: BM047447.D
Acq: 05 Sep 2024 14:42

Tgt Ion:149 Resp: 2890431
Ion Ratio Lower Upper
149 100
177 23.8 18.6 28.0
150 12.7 10.2 15.4

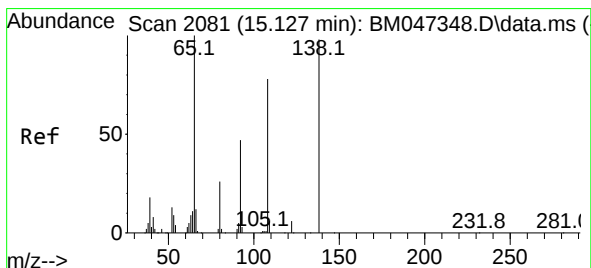
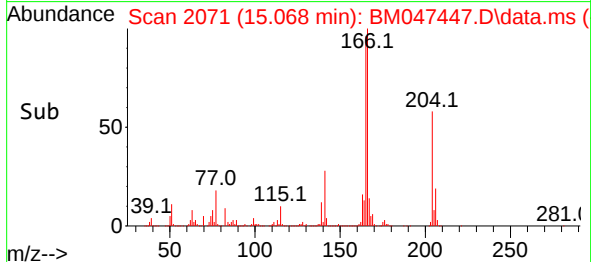
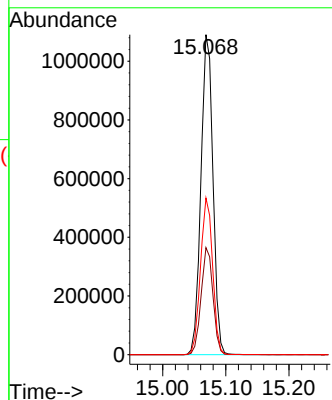
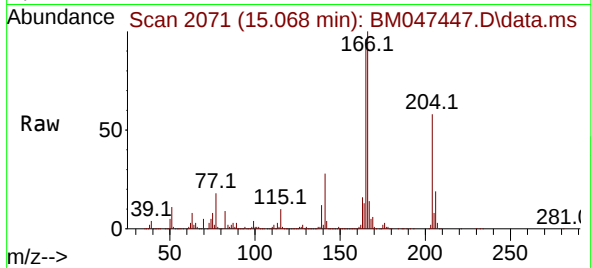




#61
4-Chlorophenyl-phenylether
Concen: 43.656 ng
RT: 15.068 min Scan# 2071
Delta R.T. -0.012 min
Lab File: BM047447.D
Acq: 05 Sep 2024 14:42

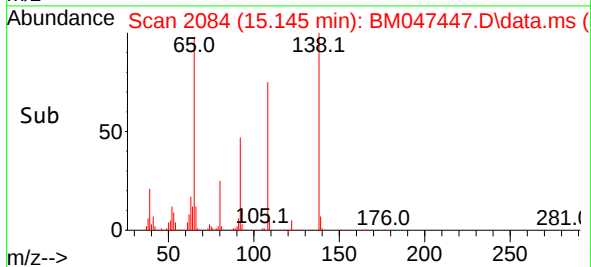
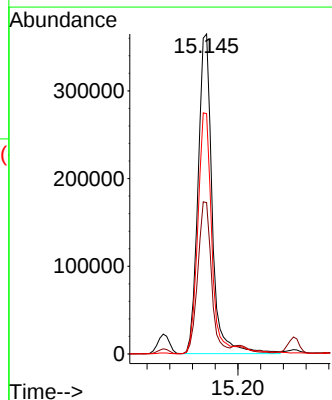
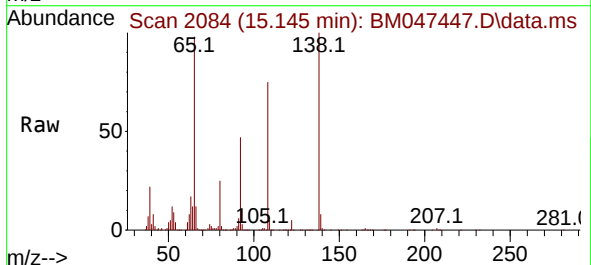
Instrument :
BNA_M
ClientSampleId :
PB163165BS

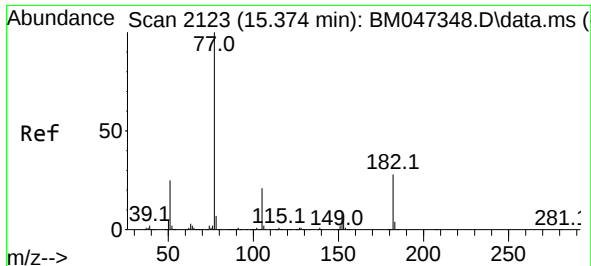
Tgt Ion:204 Resp: 1440247
Ion Ratio Lower Upper
204 100
206 33.5 26.5 39.7
141 49.0 42.8 64.2



#62
4-Nitroaniline
Concen: 46.731 ng
RT: 15.145 min Scan# 2084
Delta R.T. 0.018 min
Lab File: BM047447.D
Acq: 05 Sep 2024 14:42

Tgt Ion:138 Resp: 630620
Ion Ratio Lower Upper
138 100
92 47.3 27.9 67.9
108 75.1 58.7 98.7

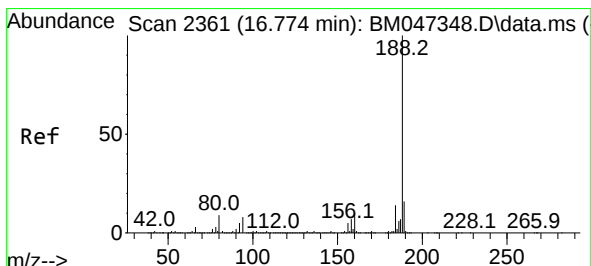
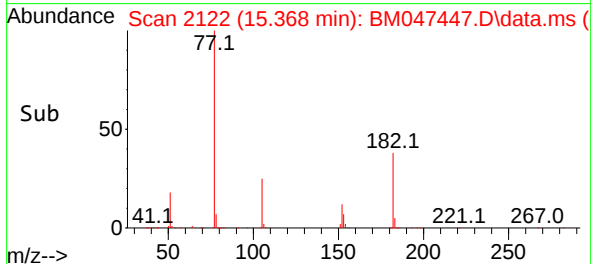
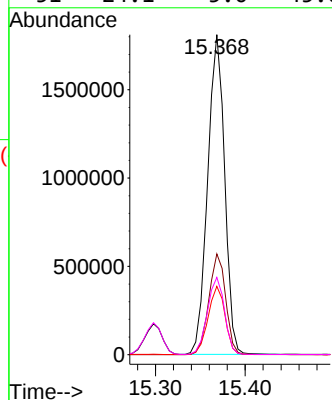
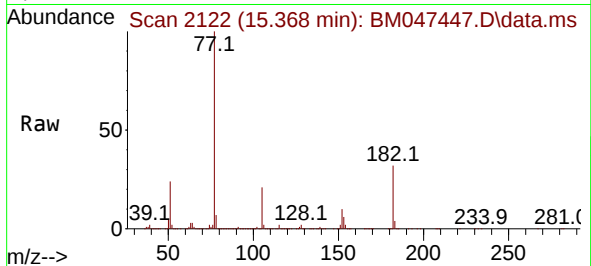




#63
Azobenzene
Concen: 40.792 ng
RT: 15.368 min Scan# 2123
Delta R.T. -0.006 min
Lab File: BM047447.D
Acq: 05 Sep 2024 14:42

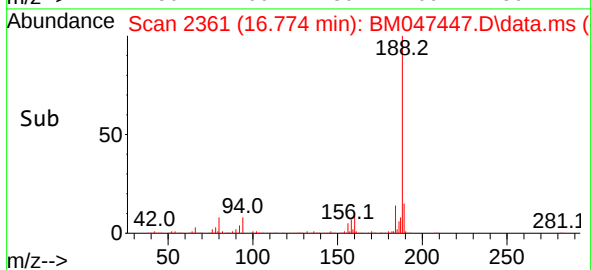
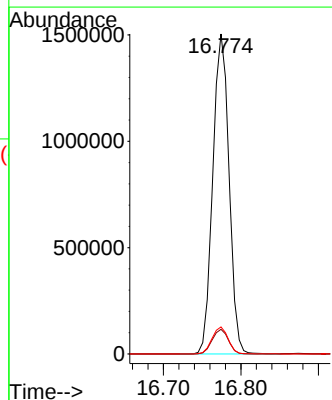
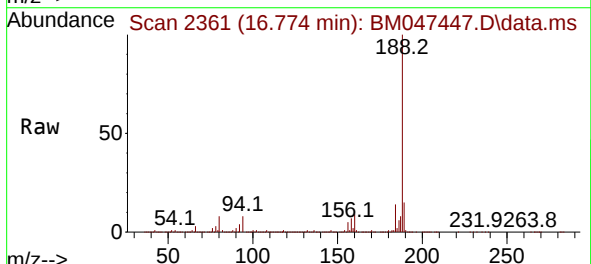
Instrument :
BNA_M
ClientSampleId :
PB163165BS

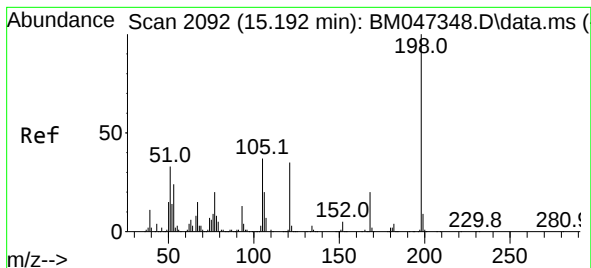
Tgt Ion: 77 Resp: 2379156
Ion Ratio Lower Upper
77 100
182 31.5 7.9 47.9
105 21.4 0.6 40.6
51 24.1 5.0 45.0



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.774 min Scan# 2361
Delta R.T. -0.000 min
Lab File: BM047447.D
Acq: 05 Sep 2024 14:42

Tgt Ion:188 Resp: 2188600
Ion Ratio Lower Upper
188 100
94 7.7 6.4 9.6
80 8.5 7.4 11.2

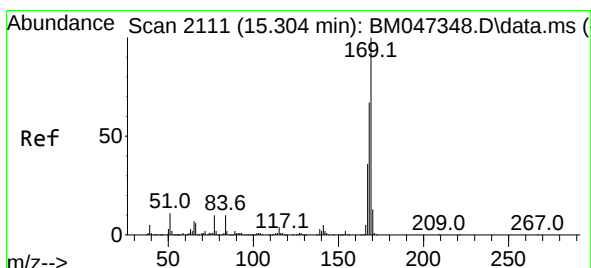
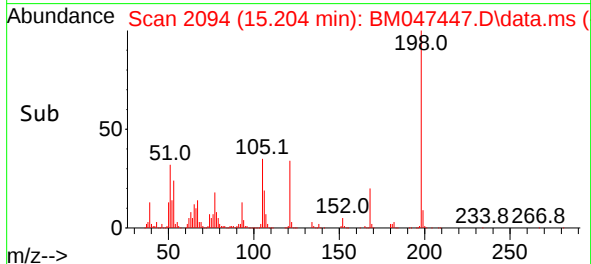
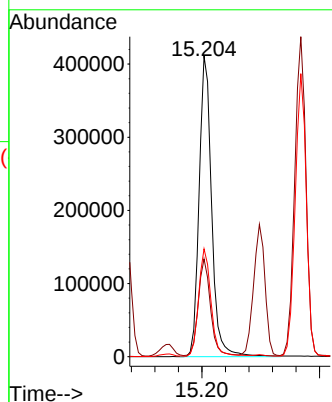
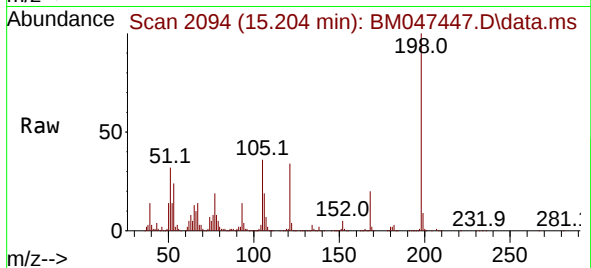




#65
4,6-Dinitro-2-methylphenol
Concen: 45.238 ng
RT: 15.204 min Scan# 2094
Delta R.T. 0.012 min
Lab File: BM047447.D
Acq: 05 Sep 2024 14:42

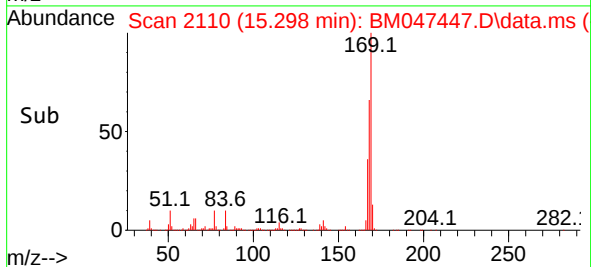
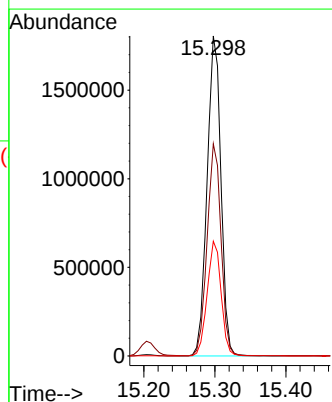
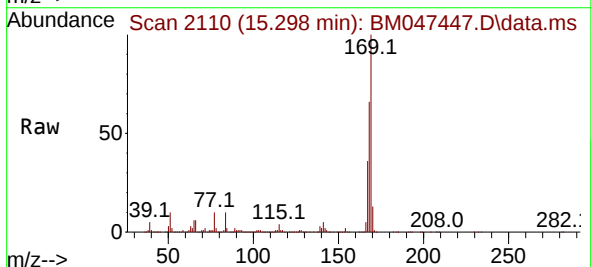
Instrument :
BNA_M
ClientSampleId :
PB163165BS

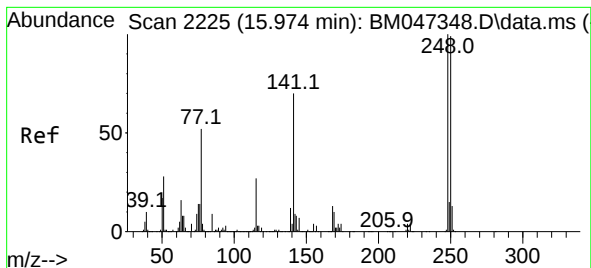
Tgt Ion:198 Resp: 607681
Ion Ratio Lower Upper
198 100
51 32.5 14.1 54.1
105 35.9 17.0 57.0



#66
n-Nitrosodiphenylamine
Concen: 40.885 ng
RT: 15.298 min Scan# 2110
Delta R.T. -0.006 min
Lab File: BM047447.D
Acq: 05 Sep 2024 14:42

Tgt Ion:169 Resp: 2448467
Ion Ratio Lower Upper
169 100
168 66.3 53.4 80.0
167 35.9 29.0 43.4

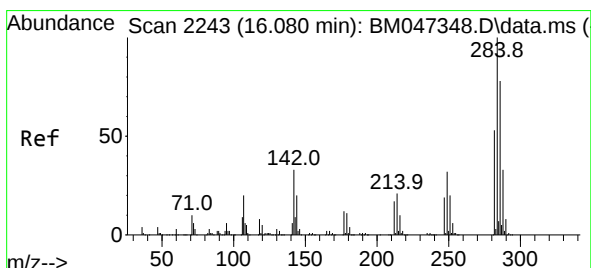
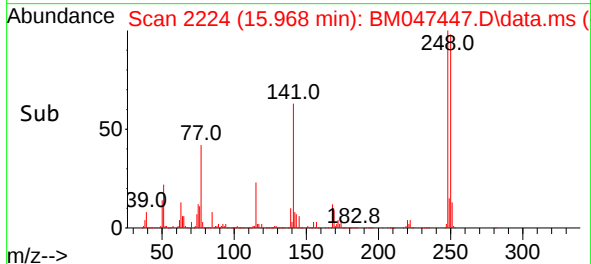
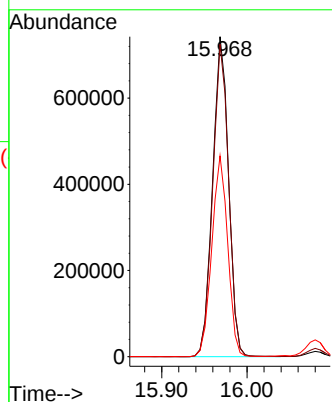
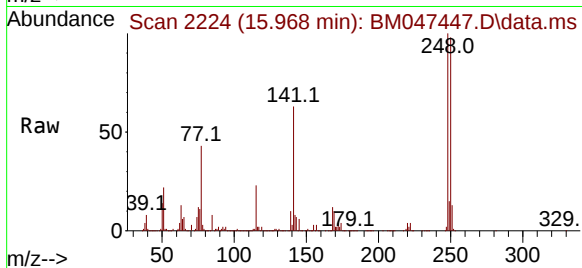




#67
4-Bromophenyl-phenylether
Concen: 41.821 ng
RT: 15.968 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM047447.D
Acq: 05 Sep 2024 14:42

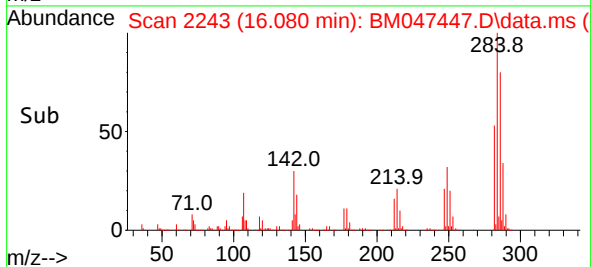
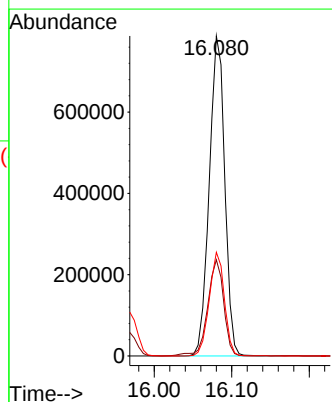
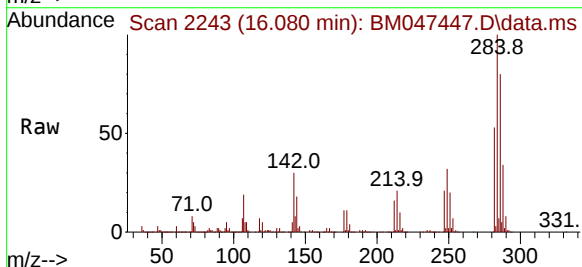
Instrument :
BNA_M
ClientSampleId :
PB163165BS

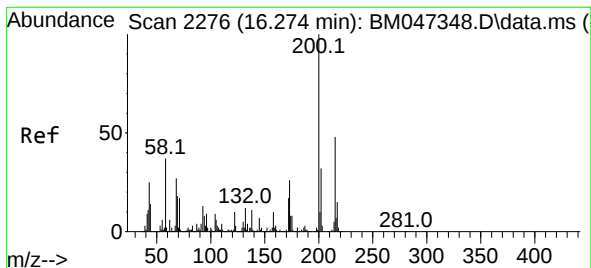
Tgt Ion:248 Resp: 965600
Ion Ratio Lower Upper
248 100
250 97.7 78.8 118.2
141 62.8 55.9 83.9



#68
Hexachlorobenzene
Concen: 40.985 ng
RT: 16.080 min Scan# 2243
Delta R.T. 0.000 min
Lab File: BM047447.D
Acq: 05 Sep 2024 14:42

Tgt Ion:284 Resp: 1092948
Ion Ratio Lower Upper
284 100
142 30.1 26.5 39.7
249 32.4 25.5 38.3





#69

Atrazine

Concen: 35.975 ng

RT: 16.274 min Scan# 21

Delta R.T. 0.000 min

Lab File: BM047447.D

Acq: 05 Sep 2024 14:42

Instrument :

BNA_M

ClientSampleId :

PB163165BS

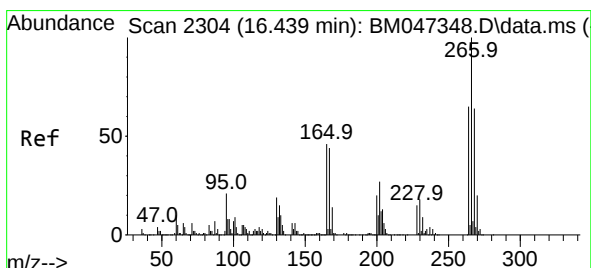
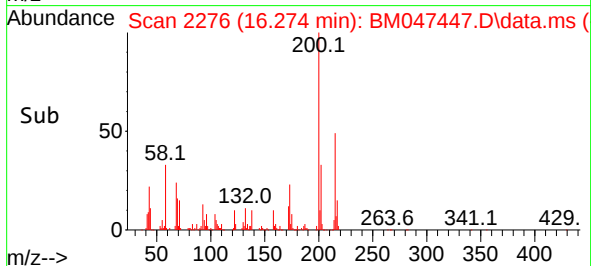
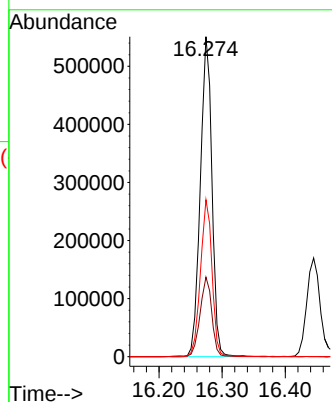
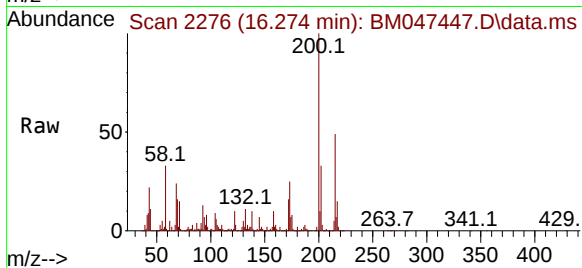
Tgt Ion:200 Resp: 704209

Ion Ratio Lower Upper

200 100

173 24.9 5.8 45.8

215 49.0 28.3 68.3



#70

Pentachlorophenol

Concen: 80.072 ng

RT: 16.445 min Scan# 2305

Delta R.T. 0.006 min

Lab File: BM047447.D

Acq: 05 Sep 2024 14:42

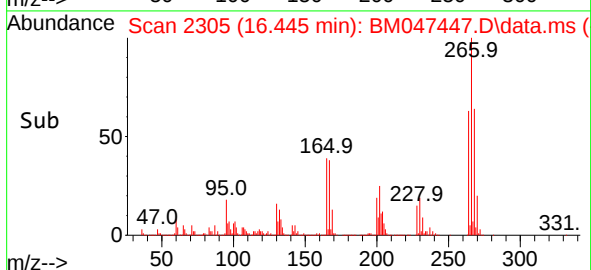
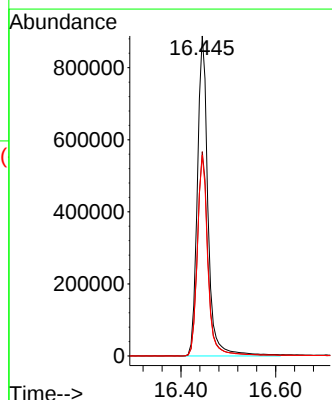
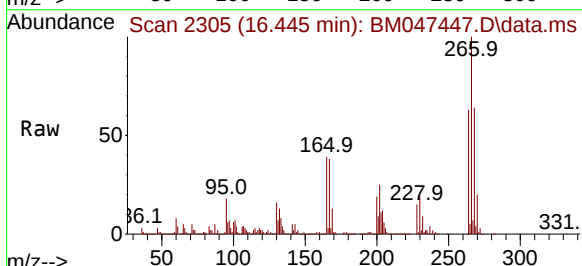
Tgt Ion:266 Resp: 1380532

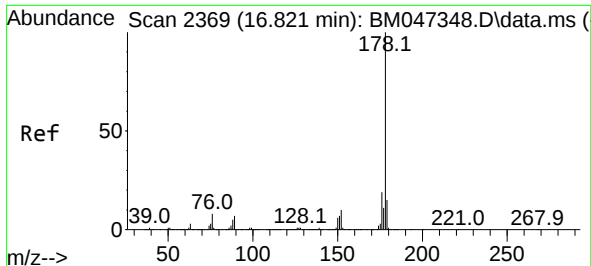
Ion Ratio Lower Upper

266 100

268 63.9 51.0 76.6

264 62.7 51.9 77.9

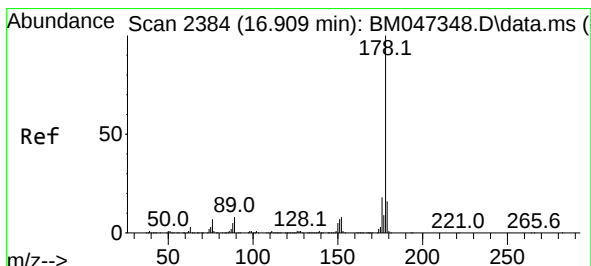
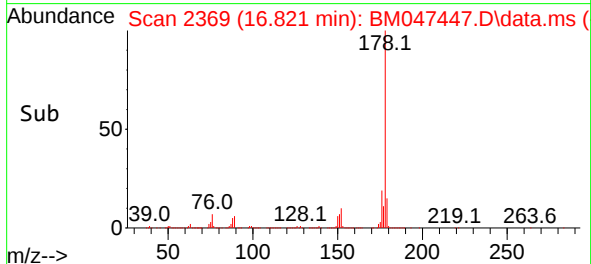
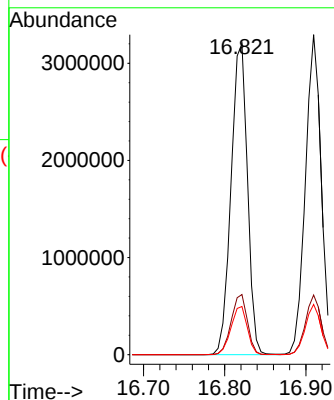
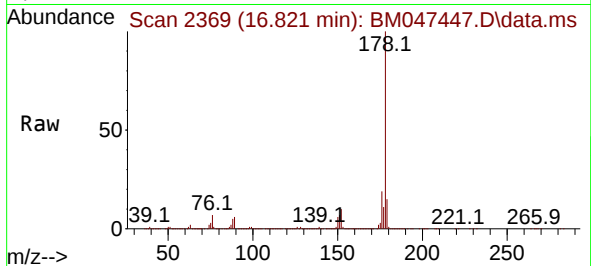




#71
Phenanthrene
Concen: 42.232 ng
RT: 16.821 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM047447.D
Acq: 05 Sep 2024 14:42

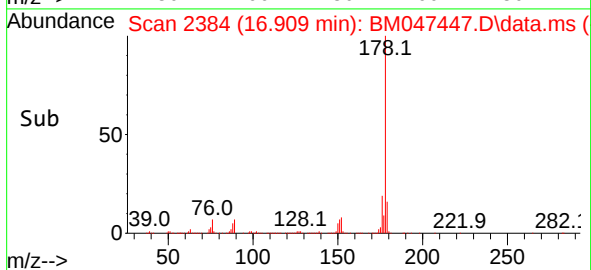
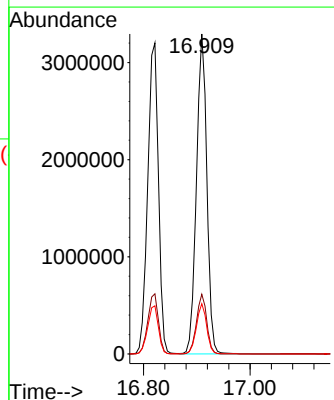
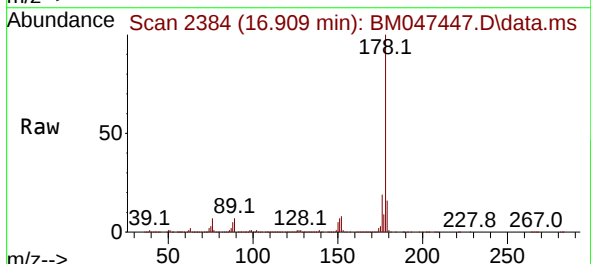
Instrument :
BNA_M
ClientSampleId :
PB163165BS

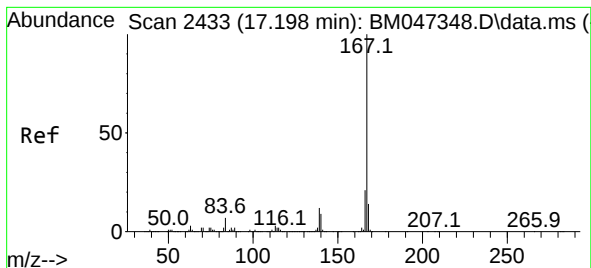
Tgt Ion:178 Resp: 4488795
Ion Ratio Lower Upper
178 100
176 19.3 15.2 22.8
179 15.5 12.2 18.4



#72
Anthracene
Concen: 43.219 ng
RT: 16.909 min Scan# 2384
Delta R.T. -0.000 min
Lab File: BM047447.D
Acq: 05 Sep 2024 14:42

Tgt Ion:178 Resp: 4478085
Ion Ratio Lower Upper
178 100
176 18.6 14.7 22.1
179 15.7 12.6 18.8





#73

Carbazole

Concen: 44.117 ng

RT: 17.198 min Scan# 24

Delta R.T. -0.000 min

Lab File: BM047447.D

Acq: 05 Sep 2024 14:42

Instrument :

BNA_M

ClientSampleId :

PB163165BS

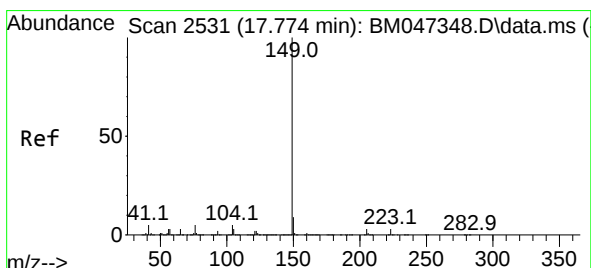
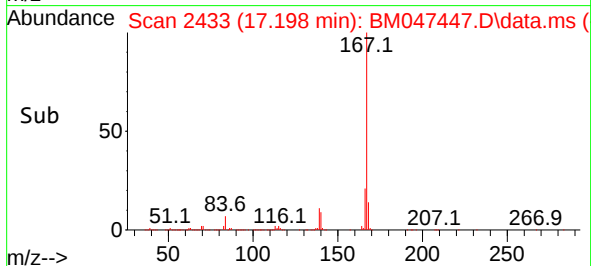
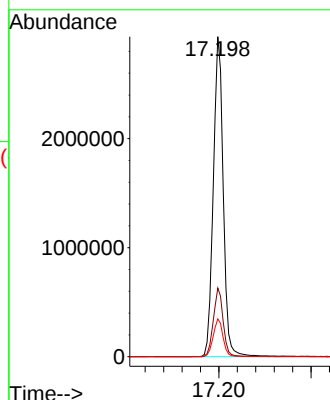
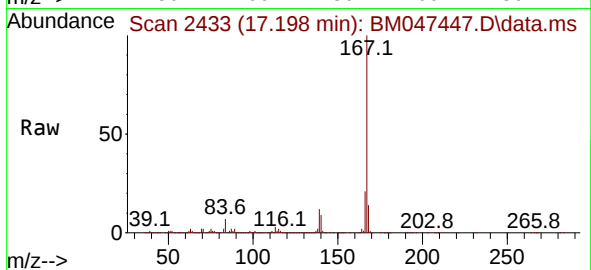
Tgt Ion:167 Resp: 4386479

Ion Ratio Lower Upper

167 100

166 21.4 16.9 25.3

139 11.8 9.5 14.3



#74

Di-n-butylphthalate

Concen: 43.316 ng

RT: 17.768 min Scan# 2530

Delta R.T. -0.006 min

Lab File: BM047447.D

Acq: 05 Sep 2024 14:42

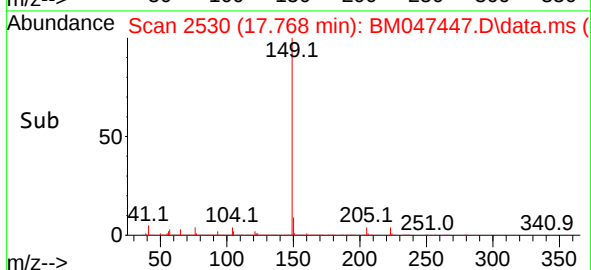
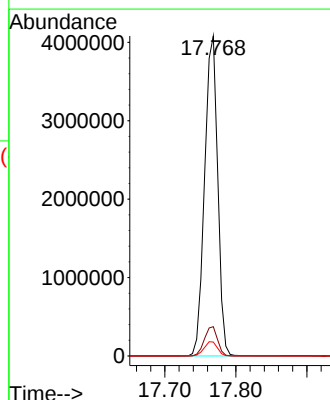
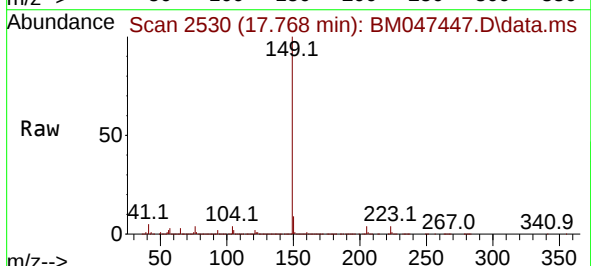
Tgt Ion:149 Resp: 5244385

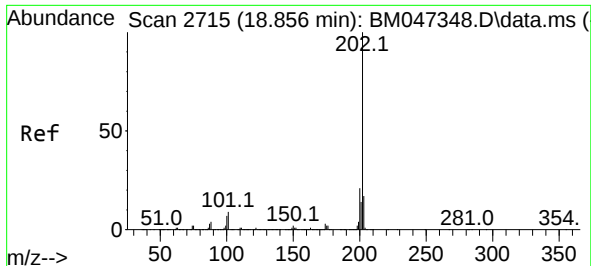
Ion Ratio Lower Upper

149 100

150 9.2 7.4 11.0

104 4.3 3.8 5.6

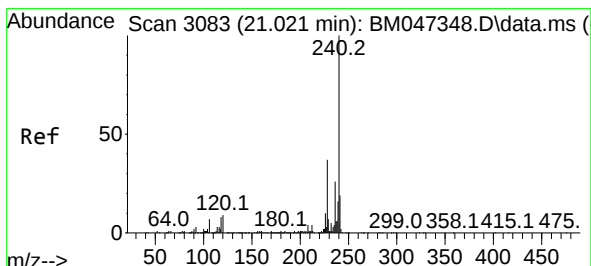
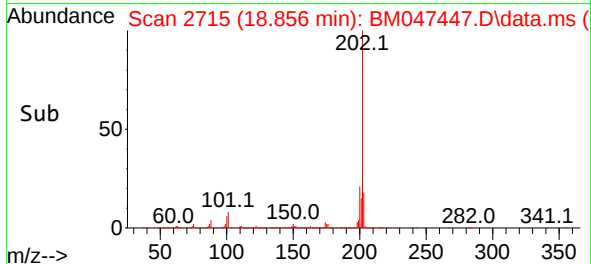
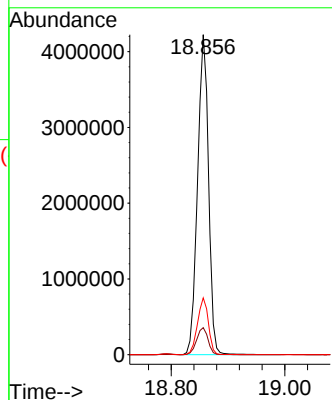
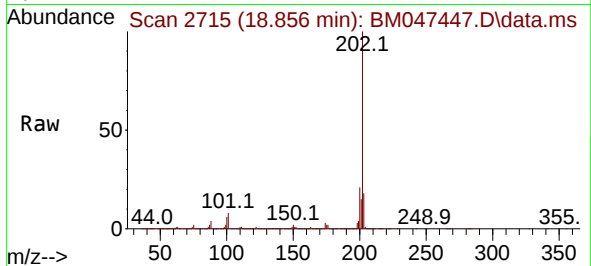




#75
Fluoranthene
Concen: 45.521 ng
RT: 18.856 min Scan# 21
Delta R.T. -0.000 min
Lab File: BM047447.D
Acq: 05 Sep 2024 14:42

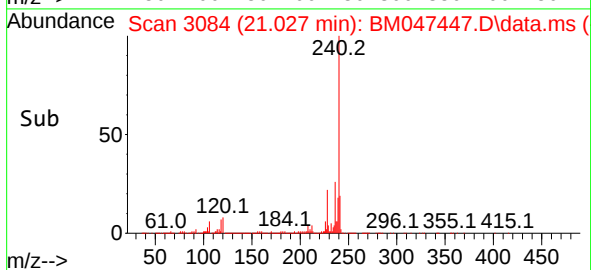
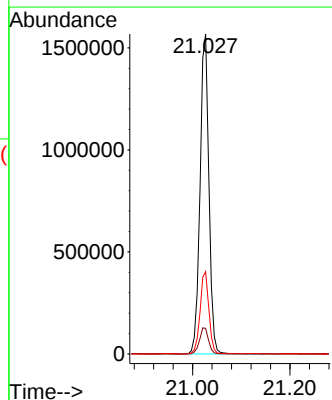
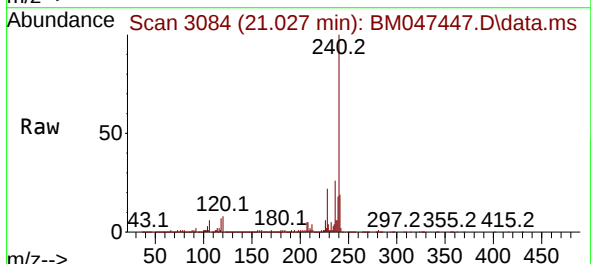
Instrument :
BNA_M
ClientSampleId :
PB163165BS

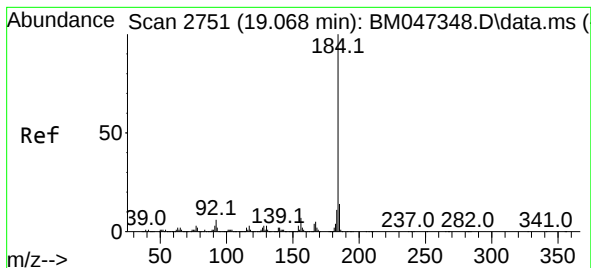
Tgt Ion:202 Resp: 5681096
Ion Ratio Lower Upper
202 100
101 8.5 0.0 29.0
203 17.8 0.0 37.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.027 min Scan# 3084
Delta R.T. 0.006 min
Lab File: BM047447.D
Acq: 05 Sep 2024 14:42

Tgt Ion:240 Resp: 1985126
Ion Ratio Lower Upper
240 100
120 8.0 7.4 11.0
236 25.7 20.8 31.2





#77

Benzidine

Concen: 13.399 ng

RT: 19.074 min Scan# 21

Delta R.T. 0.006 min

Lab File: BM047447.D

Acq: 05 Sep 2024 14:42

Instrument :

BNA_M

ClientSampleId :

PB163165BS

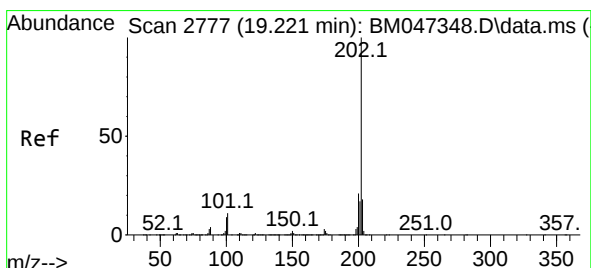
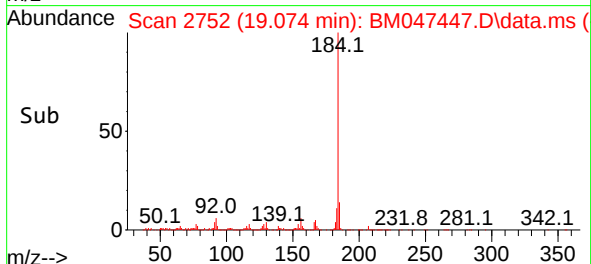
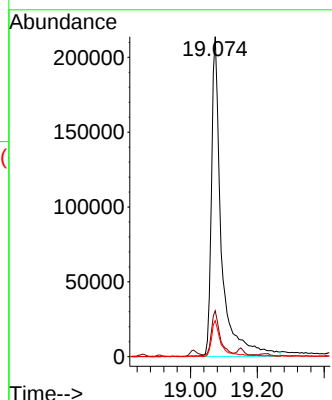
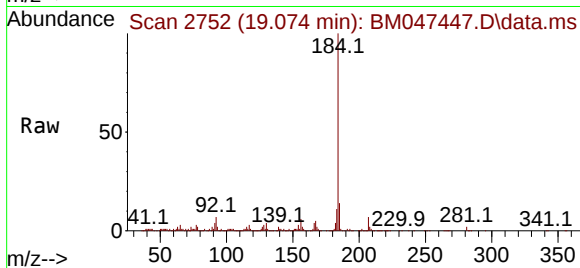
Tgt Ion:184 Resp: 443998

Ion Ratio Lower Upper

184 100

185 14.3 11.5 17.3

183 11.2 9.2 13.8



#78

Pyrene

Concen: 38.340 ng

RT: 19.221 min Scan# 2777

Delta R.T. -0.000 min

Lab File: BM047447.D

Acq: 05 Sep 2024 14:42

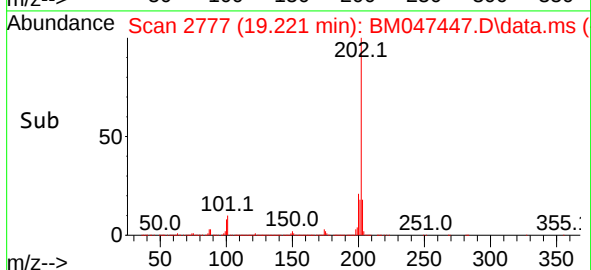
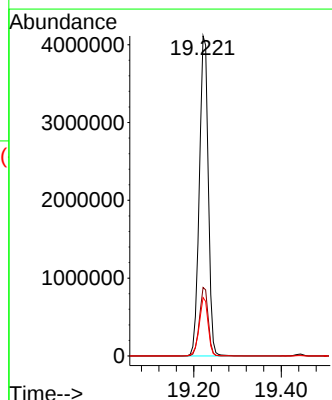
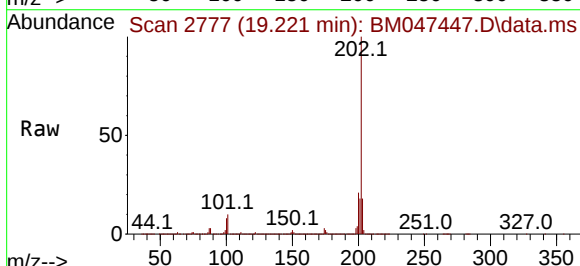
Tgt Ion:202 Resp: 5837440

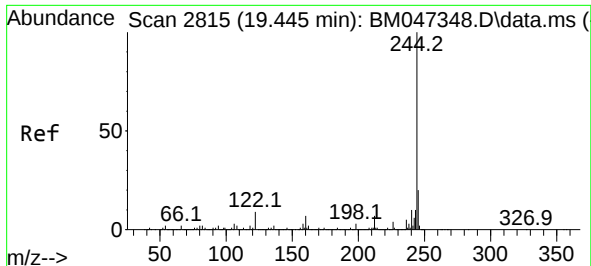
Ion Ratio Lower Upper

202 100

200 21.4 16.7 25.1

203 18.2 14.2 21.4

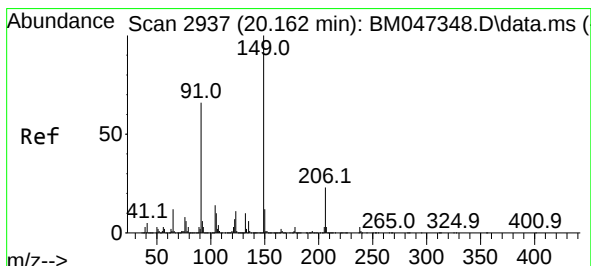
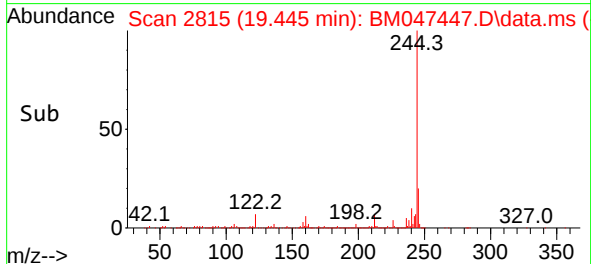
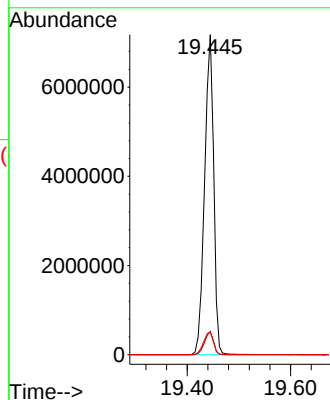
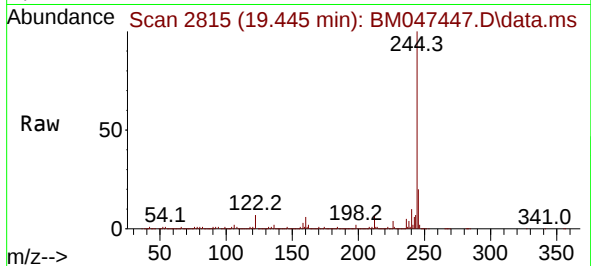




#79
 Terphenyl-d14
 Concen: 78.575 ng
 RT: 19.445 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BM047447.D
 Acq: 05 Sep 2024 14:42

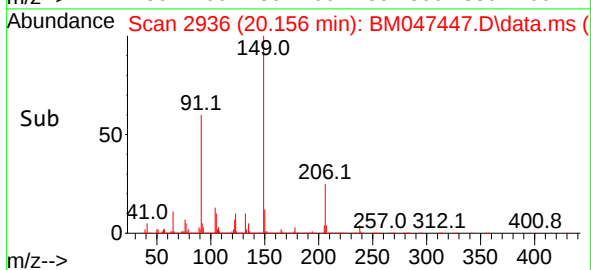
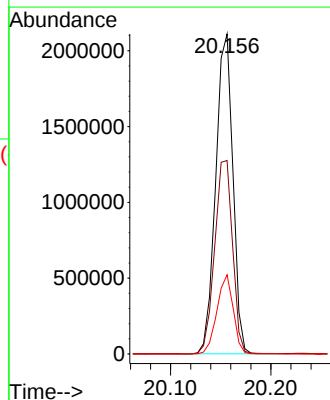
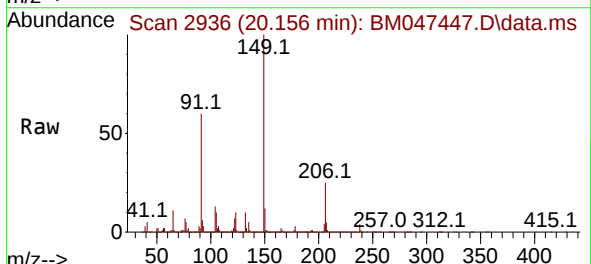
Instrument :
 BNA_M
 ClientSampleId :
 PB163165BS

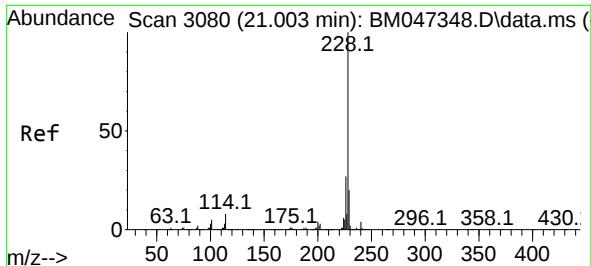
Tgt Ion:244 Resp: 8763167
 Ion Ratio Lower Upper
 244 100
 212 7.3 6.0 9.0
 122 7.1 7.0 10.4



#80
 Butylbenzylphthalate
 Concen: 42.082 ng
 RT: 20.156 min Scan# 2936
 Delta R.T. -0.006 min
 Lab File: BM047447.D
 Acq: 05 Sep 2024 14:42

Tgt Ion:149 Resp: 2507237
 Ion Ratio Lower Upper
 149 100
 91 60.4 52.6 79.0
 206 24.8 18.2 27.2

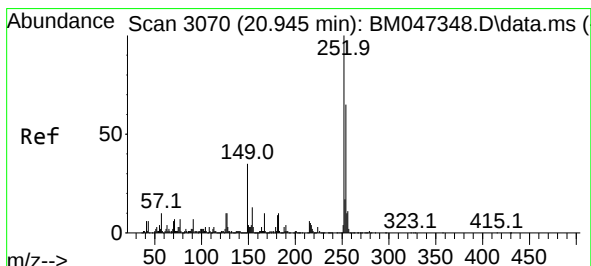
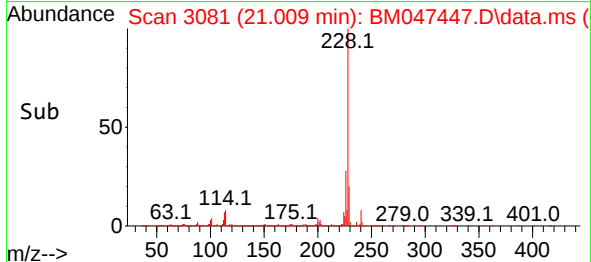
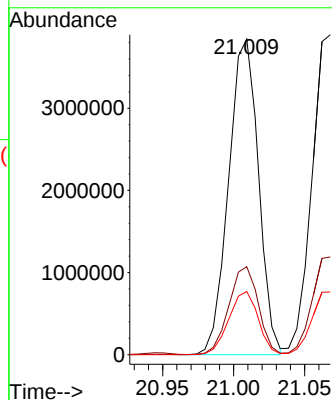
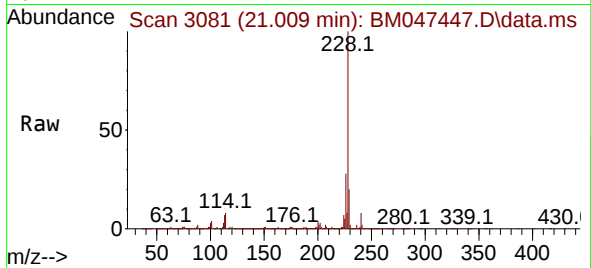




#81
Benzo(a)anthracene
Concen: 43.413 ng
RT: 21.009 min Scan# 3080
Delta R.T. 0.006 min
Lab File: BM047447.D
Acq: 05 Sep 2024 14:42

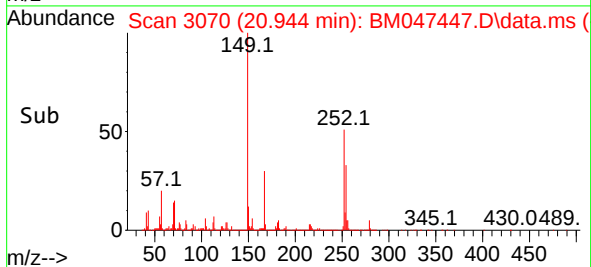
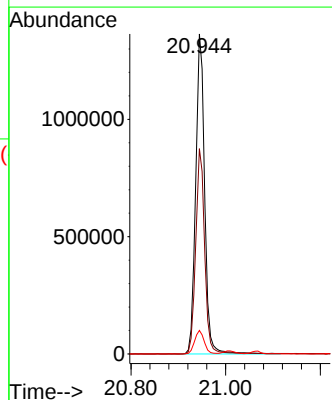
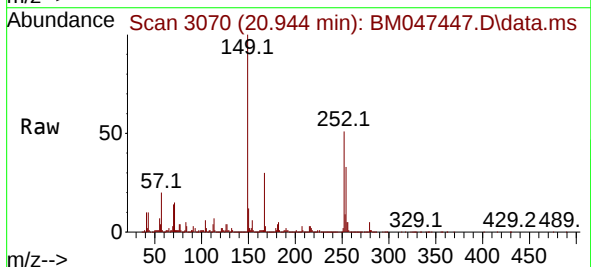
Instrument :
BNA_M
ClientSampleId :
PB163165BS

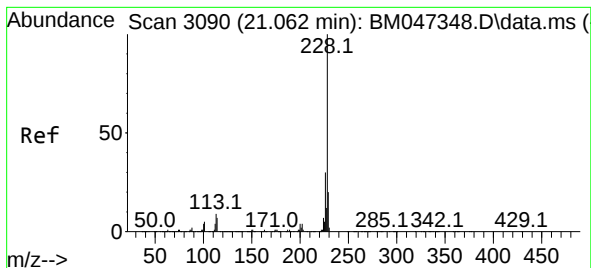
Tgt Ion:228 Resp: 5620163
Ion Ratio Lower Upper
228 100
226 27.9 21.4 32.0
229 20.0 15.8 23.8



#82
3,3'-Dichlorobenzidine
Concen: 41.225 ng
RT: 20.944 min Scan# 3070
Delta R.T. -0.000 min
Lab File: BM047447.D
Acq: 05 Sep 2024 14:42

Tgt Ion:252 Resp: 1795265
Ion Ratio Lower Upper
252 100
254 64.1 52.1 78.1
126 7.4 7.9 11.9#





#83

Chrysene

Concen: 42.987 ng

RT: 21.068 min Scan# 3090

Delta R.T. 0.006 min

Lab File: BM047447.D

Acq: 05 Sep 2024 14:42

Instrument :

BNA_M

ClientSampleId :

PB163165BS

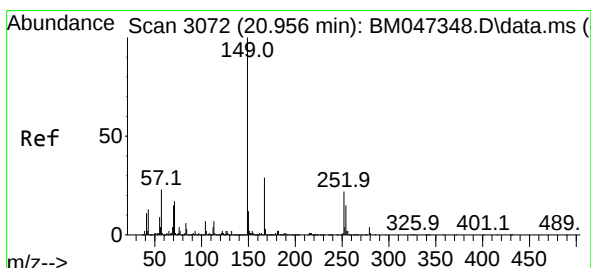
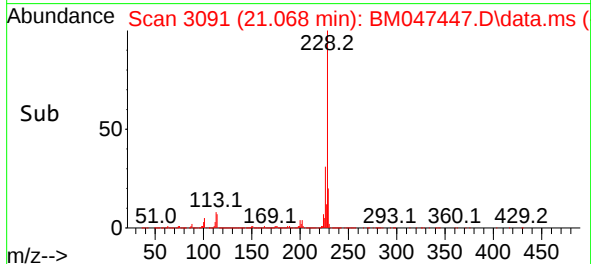
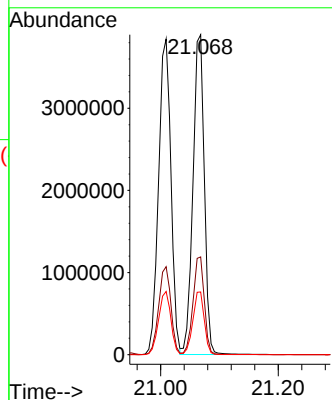
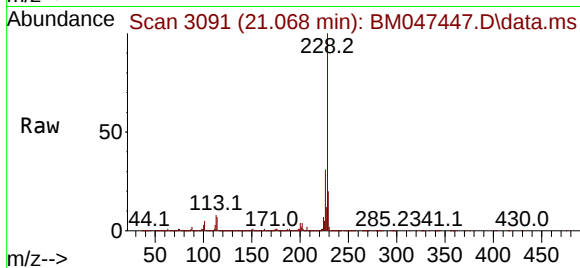
Tgt Ion:228 Resp: 5234799

Ion Ratio Lower Upper

228 100

226 30.5 24.0 36.0

229 19.6 15.9 23.9



#84

Bis(2-ethylhexyl)phthalate

Concen: 40.178 ng

RT: 20.950 min Scan# 3071

Delta R.T. -0.006 min

Lab File: BM047447.D

Acq: 05 Sep 2024 14:42

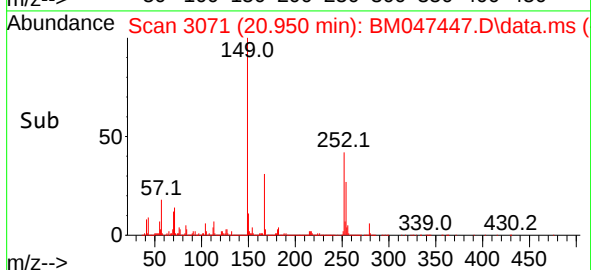
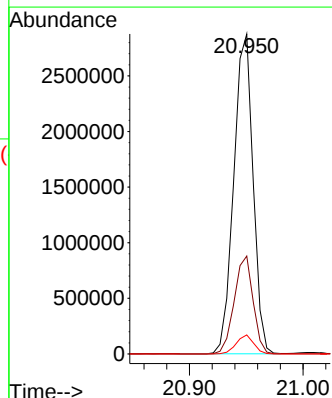
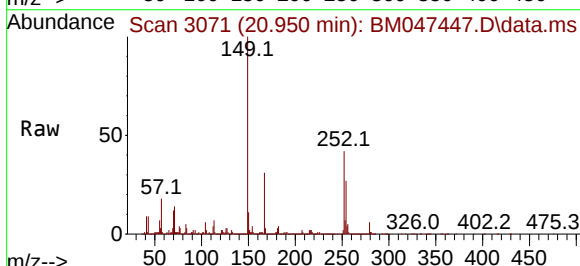
Tgt Ion:149 Resp: 3383324

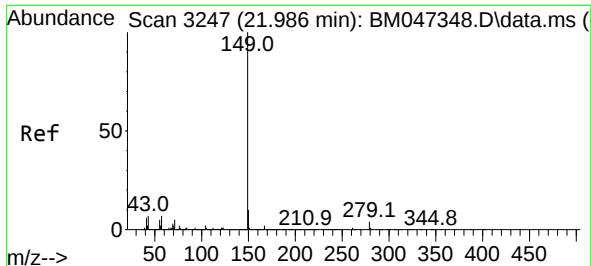
Ion Ratio Lower Upper

149 100

167 30.6 23.1 34.7

279 6.0 3.3 4.9#

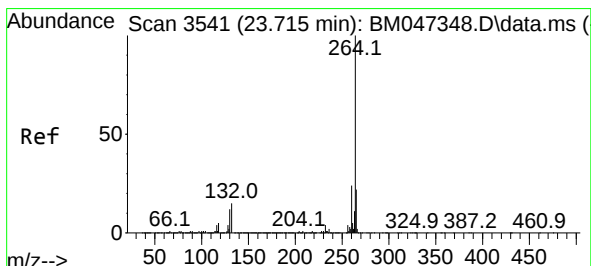
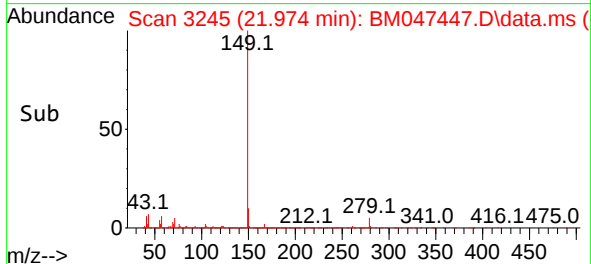
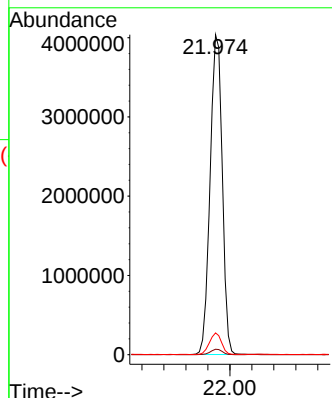
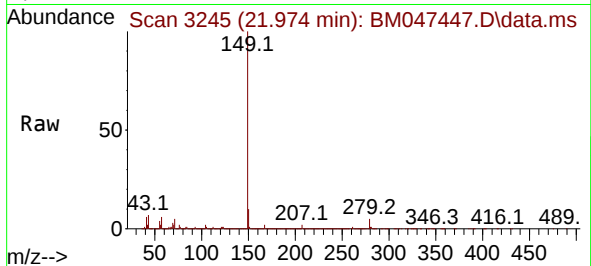




#85
Di-n-octyl phthalate
Concen: 43.601 ng
RT: 21.974 min Scan# 31
Delta R.T. -0.012 min
Lab File: BM047447.D
Acq: 05 Sep 2024 14:42

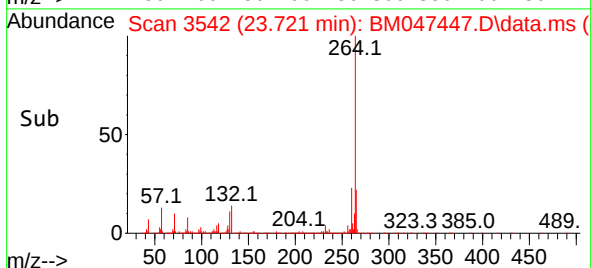
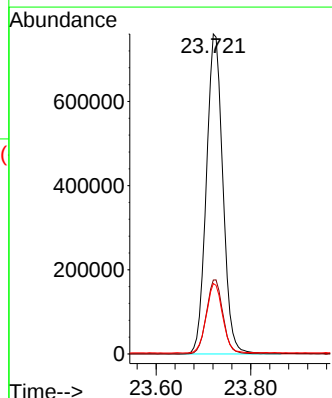
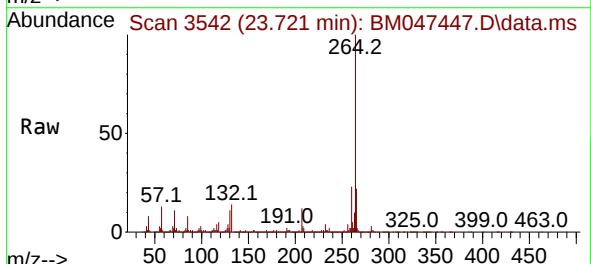
Instrument :
BNA_M
ClientSampleId :
PB163165BS

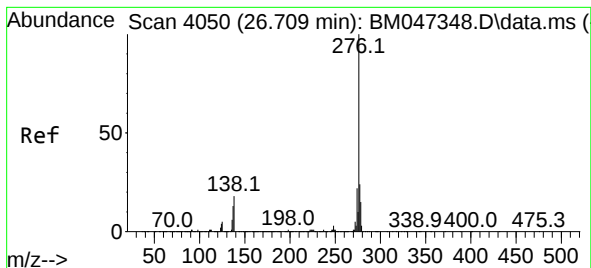
Tgt Ion:149 Resp: 6179815
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 6.6 6.1 9.1



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.721 min Scan# 3542
Delta R.T. 0.006 min
Lab File: BM047447.D
Acq: 05 Sep 2024 14:42

Tgt Ion:264 Resp: 1838607
Ion Ratio Lower Upper
264 100
260 23.1 19.0 28.4
265 22.0 17.8 26.6





#87

Indeno(1,2,3-cd)pyrene

Concen: 46.290 ng

RT: 26.756 min Scan# 40

Delta R.T. 0.047 min

Lab File: BM047447.D

Acq: 05 Sep 2024 14:42

Instrument :

BNA_M

ClientSampleId :

PB163165BS

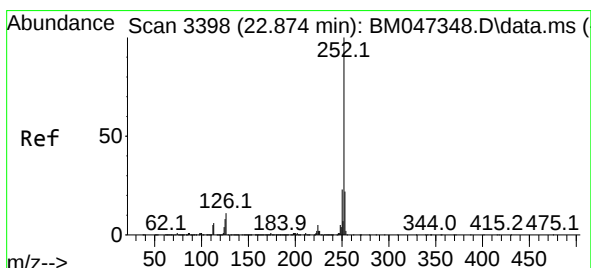
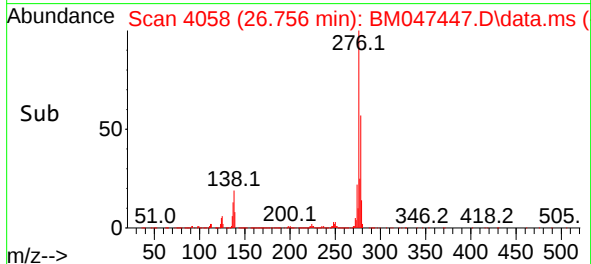
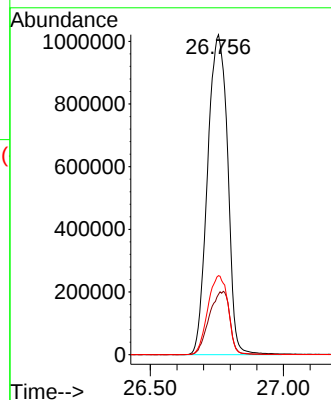
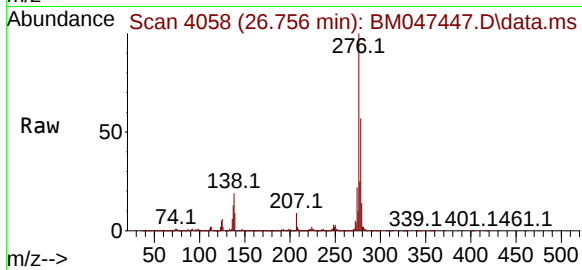
Tgt Ion:276 Resp: 5327870

Ion Ratio Lower Upper

276 100

138 20.3 17.7 26.5

277 24.9 20.0 30.0



#88

Benzo(b)fluoranthene

Concen: 50.856 ng

RT: 22.886 min Scan# 3400

Delta R.T. 0.012 min

Lab File: BM047447.D

Acq: 05 Sep 2024 14:42

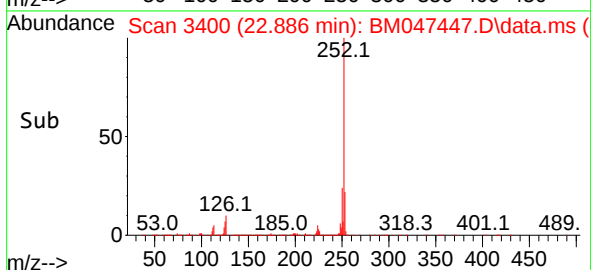
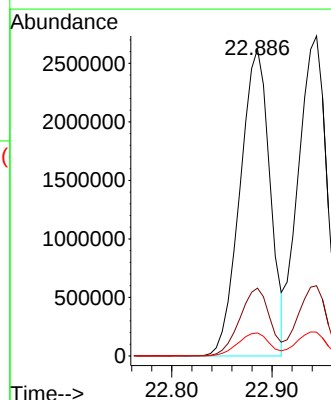
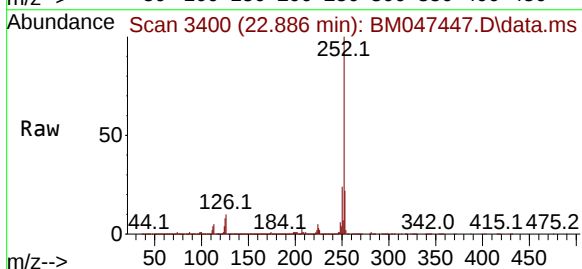
Tgt Ion:252 Resp: 5455177

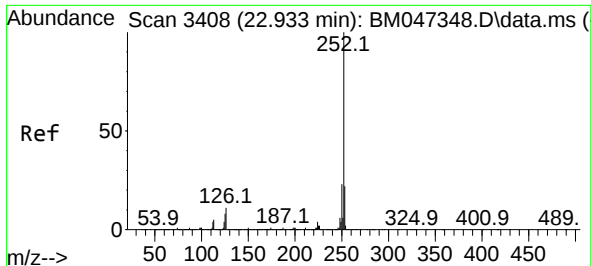
Ion Ratio Lower Upper

252 100

253 22.1 17.8 26.6

125 7.5 6.6 10.0

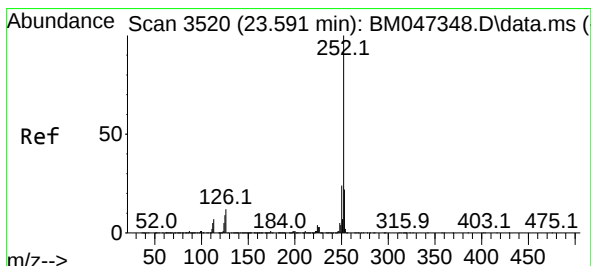
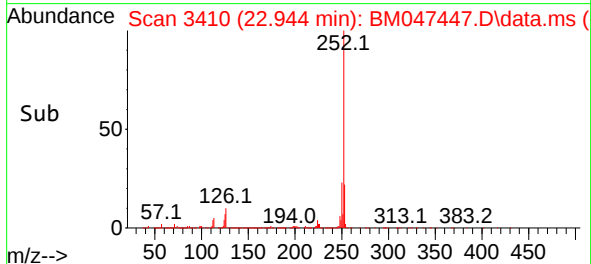
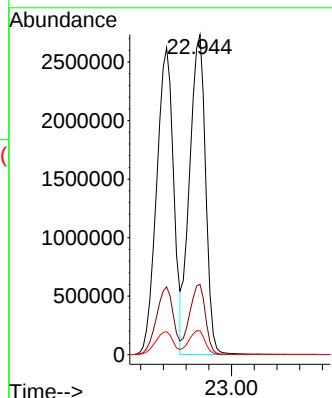
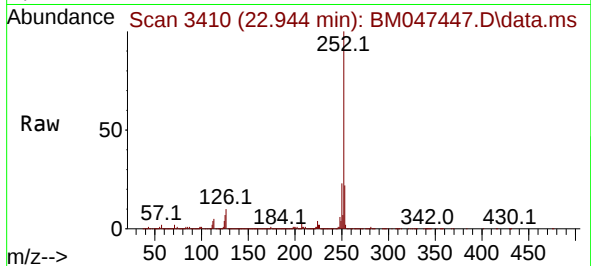




#89
Benzo(k)fluoranthene
Concen: 52.588 ng
RT: 22.944 min Scan# 34
Delta R.T. 0.012 min
Lab File: BM047447.D
Acq: 05 Sep 2024 14:42

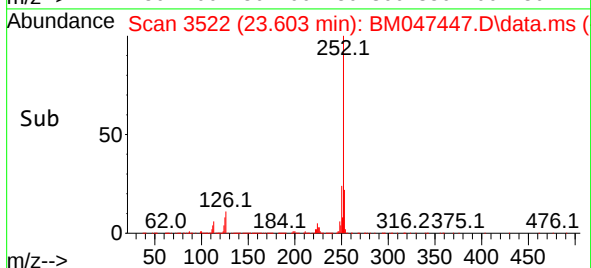
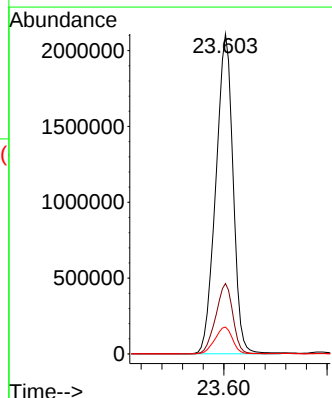
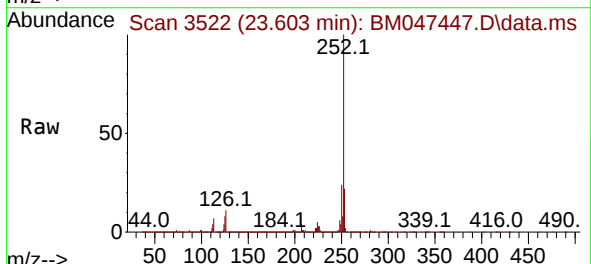
Instrument :
BNA_M
ClientSampleId :
PB163165BS

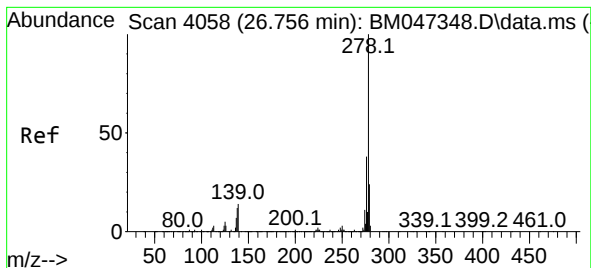
Tgt Ion:252 Resp: 5347538
Ion Ratio Lower Upper
252 100
253 22.0 17.5 26.3
125 7.4 6.6 9.8



#90
Benzo(a)pyrene
Concen: 52.545 ng
RT: 23.603 min Scan# 3522
Delta R.T. 0.012 min
Lab File: BM047447.D
Acq: 05 Sep 2024 14:42

Tgt Ion:252 Resp: 4874252
Ion Ratio Lower Upper
252 100
253 22.0 17.7 26.5
125 8.4 7.4 11.2





#91

Dibenzo(a,h)anthracene

Concen: 46.664 ng

RT: 26.785 min Scan# 4058

Delta R.T. 0.029 min

Lab File: BM047447.D

Acq: 05 Sep 2024 14:42

Instrument :

BNA_M

ClientSampleId :

PB163165BS

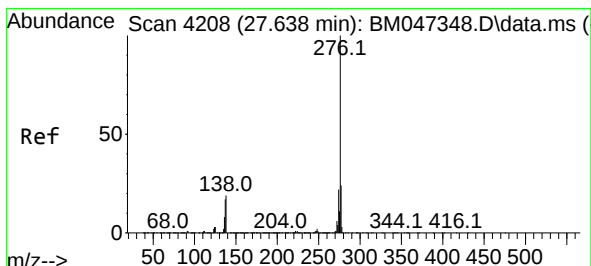
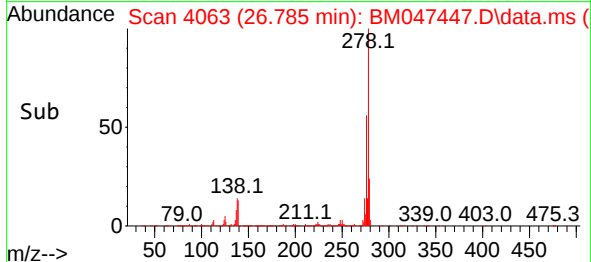
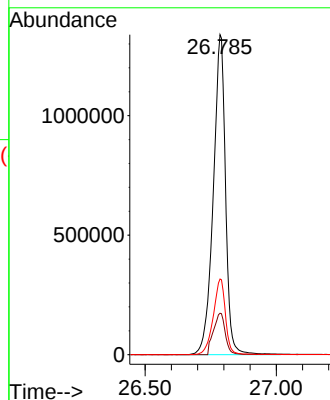
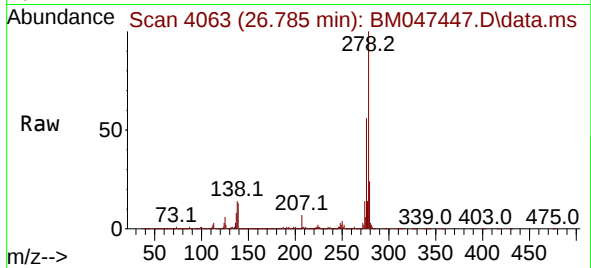
Tgt Ion:278 Resp: 4351007

Ion Ratio Lower Upper

278 100

139 12.9 11.1 16.7

279 23.6 19.2 28.8



#92

Benzo(g,h,i)perylene

Concen: 42.457 ng

RT: 27.679 min Scan# 4215

Delta R.T. 0.041 min

Lab File: BM047447.D

Acq: 05 Sep 2024 14:42

Tgt Ion:276 Resp: 4115600

Ion Ratio Lower Upper

276 100

277 23.2 19.4 29.0

138 17.4 15.0 22.6

