

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM090424\
 Data File : BM047441.D
 Acq On : 04 Sep 2024 16:43
 Operator : RC/JU
 Sample : P3825-01MSD
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DN-W-01(B-1)MSD

Quant Time: Sep 04 17:28:35 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	7.340	152	211500	20.000	ng	-0.01
21) Naphthalene-d8	10.098	136	752008	20.000	ng	0.00
39) Acenaphthene-d10	14.004	164	485384	20.000	ng	0.00
64) Phenanthrene-d10	16.774	188	945169	20.000	ng	0.00
76) Chrysene-d12	21.021	240	805183	20.000	ng	0.00
86) Perylene-d12	23.727	264	947731	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.010	112	1402347	127.210	ng	0.00
7) Phenol-d6	6.581	99	1723742	114.782	ng	0.01
23) Nitrobenzene-d5	8.492	82	1119883	82.629	ng	0.00
42) 2,4,6-Tribromophenol	15.527	330	724064	123.643	ng	0.00
45) 2-Fluorobiphenyl	12.610	172	2774848	87.839	ng	0.00
79) Terphenyl-d14	19.439	244	3560325	78.705	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.016	88	218766	48.483	ng	97
3) Pyridine	3.393	79	571405	45.627	ng	99
4) n-Nitrosodimethylamine	3.310	42	259507	50.880	ng	98
6) Aniline	6.704	93	296379	21.790	ng	99
8) 2-Chlorophenol	6.928	128	685887	55.588	ng	98
9) Benzaldehyde	6.510	77	181212	19.650	ng	96
10) Phenol	6.604	94	796832	53.931	ng	99
11) bis(2-Chloroethyl)ether	6.793	93	768283	60.003	ng	95
12) 1,3-Dichlorobenzene	7.228	146	818427	54.242	ng	98
13) 1,4-Dichlorobenzene	7.375	146	839910	54.966	ng	99
14) 1,2-Dichlorobenzene	7.681	146	792836	54.749	ng	100
15) Benzyl Alcohol	7.604	79	581018	55.806	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.863	45	766486	49.925	ng	98
17) 2-Methylphenol	7.822	107	534094	52.029	ng	99
18) Hexachloroethane	8.387	117	281946	49.358	ng	94
19) n-Nitroso-di-n-propyla...	8.157	70	478736	46.375	ng	98
20) 3+4-Methylphenols	8.157	107	714744	50.078	ng	# 62
22) Acetophenone	8.169	105	962917	55.173	ng	# 97
24) Nitrobenzene	8.540	77	721022	51.726	ng	96
25) Isophorone	9.063	82	1315633	51.361	ng	98
26) 2-Nitrophenol	9.240	139	381071	55.579	ng	95
27) 2,4-Dimethylphenol	9.328	122	527512	68.160	ng	100
28) bis(2-Chloroethoxy)met...	9.540	93	805103	51.326	ng	98
29) 2,4-Dichlorophenol	9.798	162	693996	57.806	ng	97
30) 1,2,4-Trichlorobenzene	9.969	180	778336	56.129	ng	99
31) Naphthalene	10.145	128	2054775	55.943	ng	99
32) Benzoic acid	9.551	122	443917	48.035	ng	97
33) 4-Chloroaniline	10.304	127	419065	30.685	ng	98
34) Hexachlorobutadiene	10.422	225	519576	59.996	ng	99
35) Caprolactam	11.116	113	189830	48.810	ng	99
36) 4-Chloro-3-methylphenol	11.457	107	611837	50.185	ng	98
37) 2-Methylnaphthalene	11.775	142	1451811	54.211	ng	99
38) 1-Methylnaphthalene	11.998	142	1353363	51.096	ng	99
40) 1,2,4,5-Tetrachloroben...	12.157	216	864321	60.135	ng	99
41) Hexachlorocyclopentadiene	12.122	237	327969	72.300	ng	99
43) 2,4,6-Trichlorophenol	12.433	196	574136	58.270	ng	99

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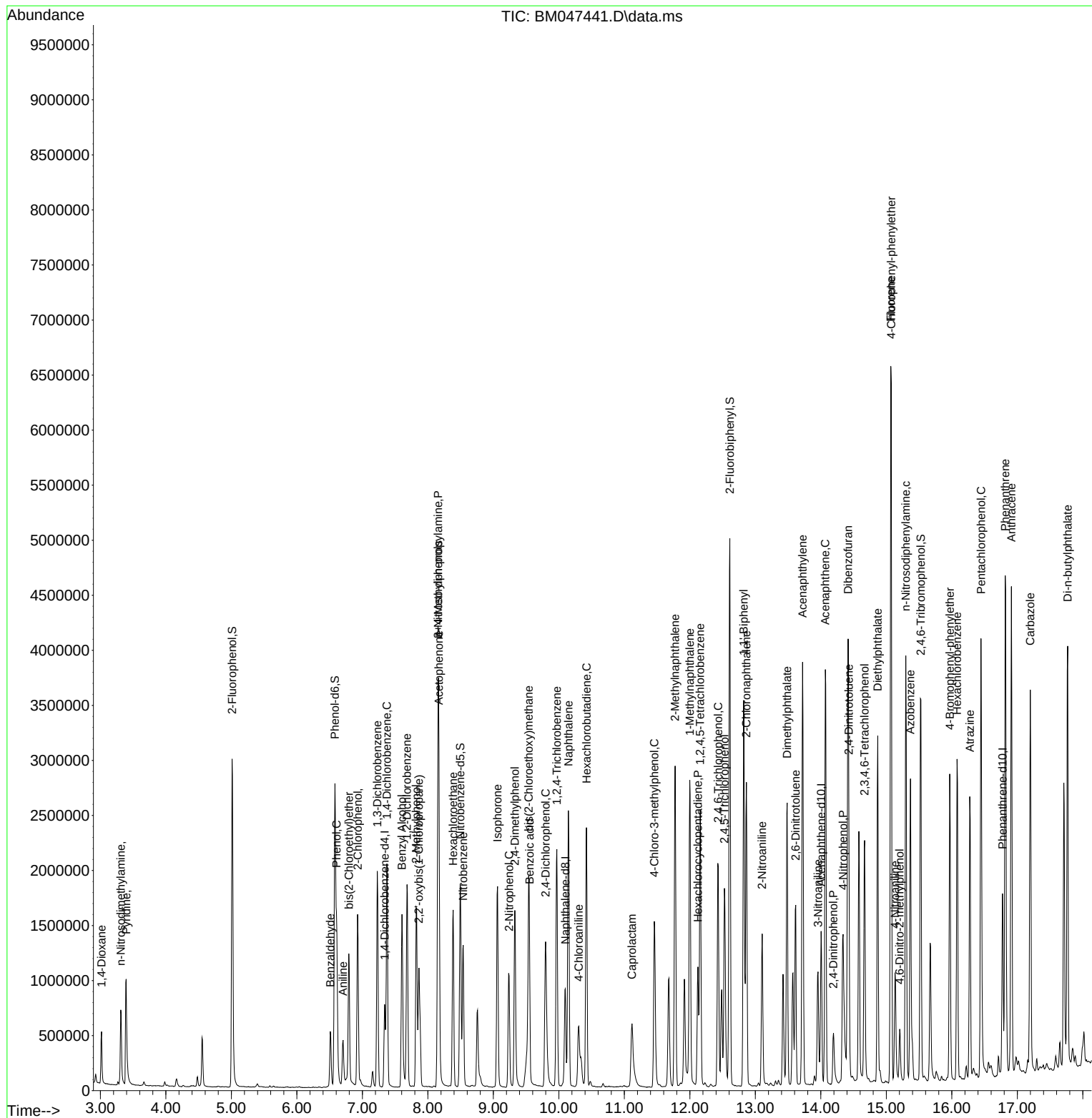
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.528	196	607125	55.483	ng	97
46) 1,1'-Biphenyl	12.822	154	1888728	55.728	ng	100
47) 2-Chloronaphthalene	12.863	162	1475855	55.567	ng	99
48) 2-Nitroaniline	13.104	65	385337	51.794	ng	95
49) Acenaphthylene	13.722	152	2325826	60.252	ng	99
50) Dimethylphthalate	13.486	163	1784182	53.347	ng	99
51) 2,6-Dinitrotoluene	13.616	165	390714	50.175	ng	93
52) Acenaphthene	14.069	154	1378957	56.273	ng	98
53) 3-Nitroaniline	13.957	138	328474	45.713	ng	94
54) 2,4-Dinitrophenol	14.192	184	163210	34.034	ng	93
55) Dibenzofuran	14.416	168	2229426	56.483	ng	99
56) 4-Nitrophenol	14.339	139	540181	96.174	ng	96
57) 2,4-Dinitrotoluene	14.427	165	524630	52.045	ng	# 84
58) Fluorene	15.069	166	1737227	54.383	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.669	232	517585	57.588	ng	95
60) Diethylphthalate	14.869	149	1704168	51.656	ng	98
61) 4-Chlorophenyl-phenyle...	15.074	204	916339	56.389	ng	95
62) 4-Nitroaniline	15.133	138	323139	48.614	ng	96
63) Azobenzene	15.369	77	1530397	53.271	ng	96
65) 4,6-Dinitro-2-methylph...	15.204	198	130385	22.476	ng	99
66) n-Nitrosodiphenylamine	15.298	169	1483954	57.379	ng	99
67) 4-Bromophenyl-phenylether	15.968	248	585432	58.713	ng	95
68) Hexachlorobenzene	16.080	284	643563	55.882	ng	96
69) Atrazine	16.274	200	528639	62.535	ng	99
70) Pentachlorophenol	16.445	266	808873	108.635	ng	99
71) Phenanthrene	16.816	178	2852169	62.137	ng	100
72) Anthracene	16.910	178	2750984	61.479	ng	100
73) Carbazole	17.198	167	2377629	55.372	ng	100
74) Di-n-butylphthalate	17.768	149	2815960	53.856	ng	100
75) Fluoranthene	18.857	202	3634321	67.431	ng	99
77) Benzidine	19.074	184	66097	4.918	ng	# 87
78) Pyrene	19.221	202	3731957	60.432	ng	100
80) Butylbenzylphthalate	20.156	149	1248790	51.675	ng	95
81) Benzo(a)anthracene	21.009	228	3238193	61.670	ng	99
82) 3,3'-Dichlorobenzidine	20.945	252	717775	40.637	ng	99
83) Chrysene	21.062	228	3083553	62.429	ng	100
84) Bis(2-ethylhexyl)phtha...	20.951	149	2137361	62.577	ng	# 98
85) Di-n-octyl phthalate	21.980	149	3003649	52.248	ng	99
87) Indeno(1,2,3-cd)pyrene	26.768	276	3946977	66.528	ng	97
88) Benzo(b)fluoranthene	22.886	252	3402018	61.528	ng	100
89) Benzo(k)fluoranthene	22.939	252	3211879	61.277	ng	100
90) Benzo(a)pyrene	23.609	252	3198336	66.888	ng	99
91) Dibenzo(a,h)anthracene	26.791	278	3027560	62.992	ng	99
92) Benzo(g,h,i)perylene	27.697	276	3090887	61.859	ng	98

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

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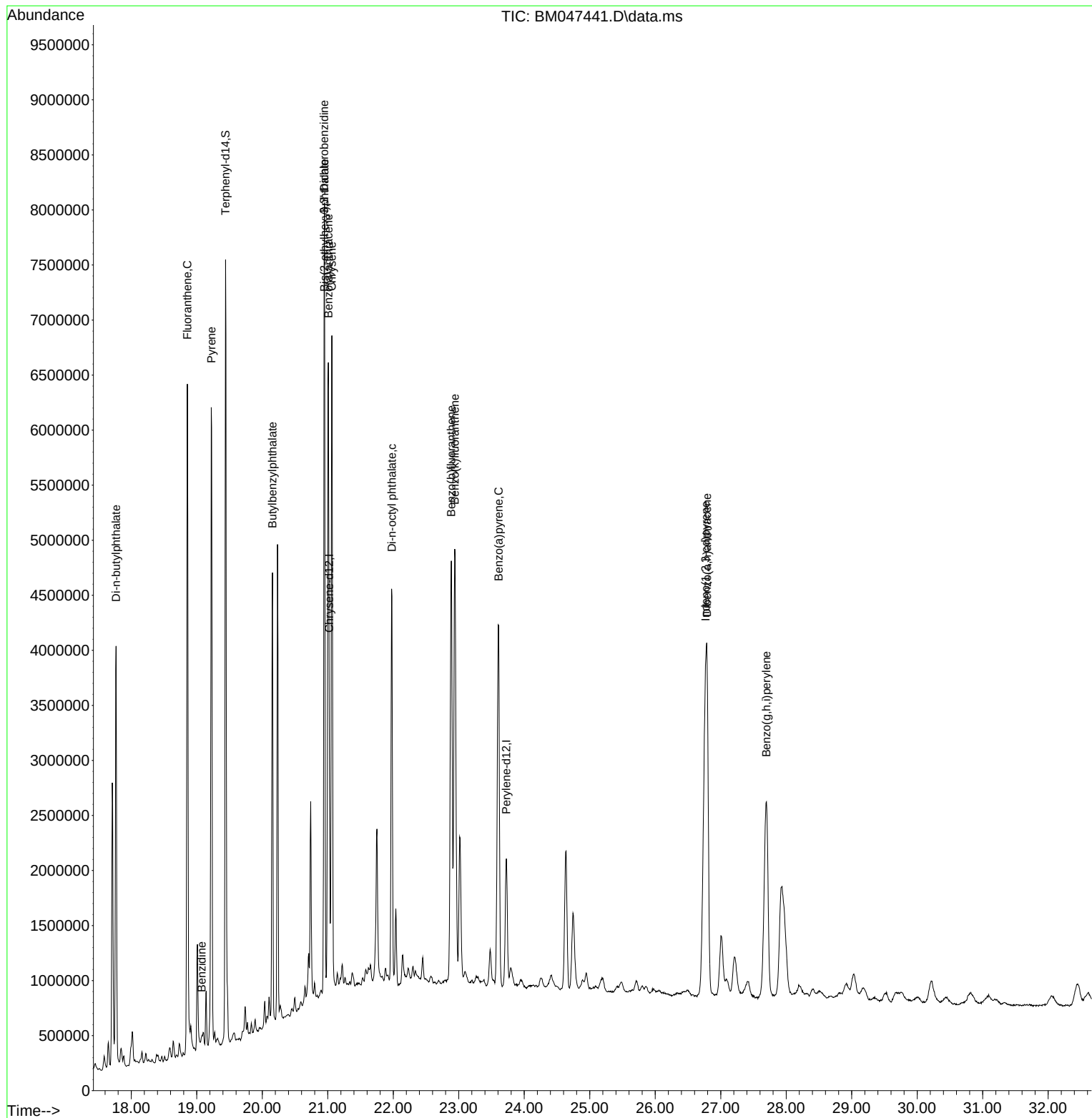
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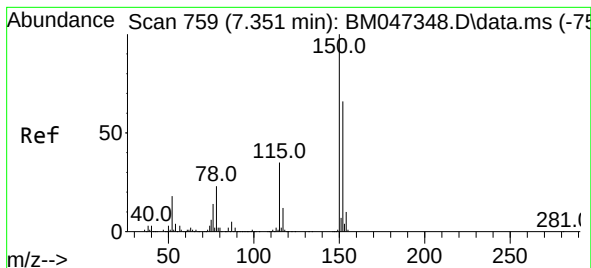


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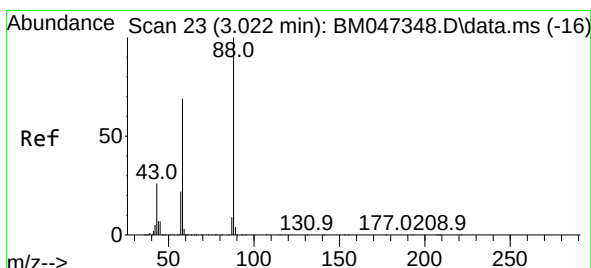
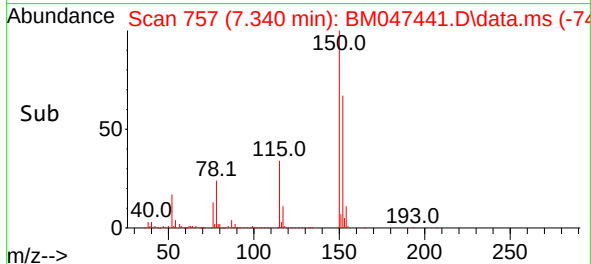
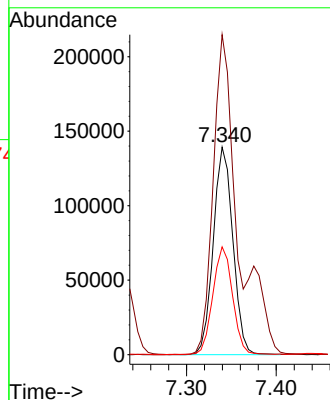
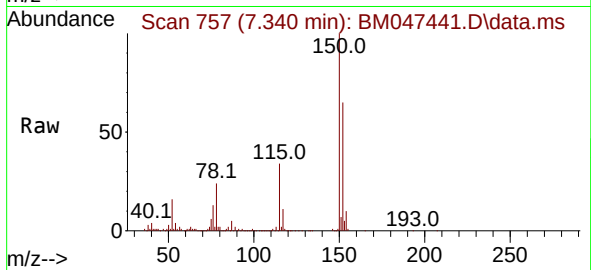




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.340 min Scan# 71
Delta R.T. -0.011 min
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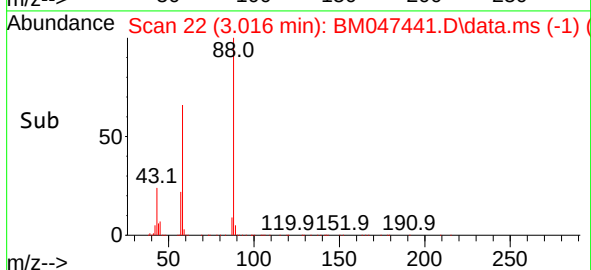
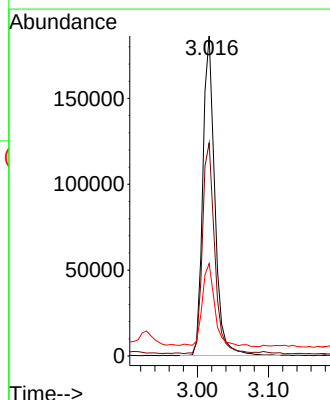
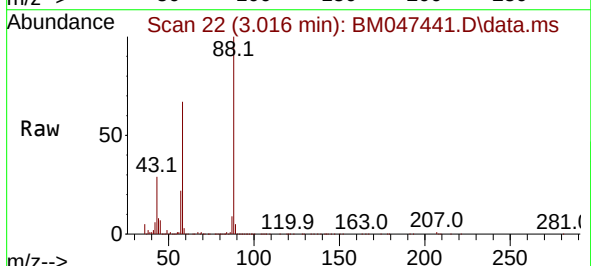
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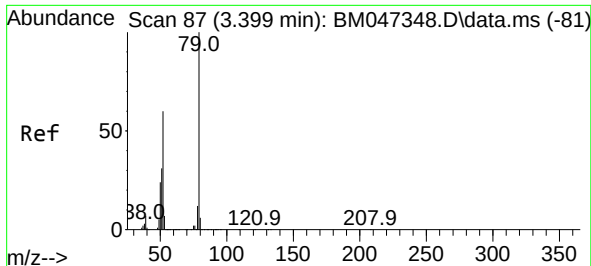
Tgt Ion:152 Resp: 211500
Ion Ratio Lower Upper
152 100
150 154.2 121.3 181.9
115 51.9 42.6 64.0



#2
1,4-Dioxane
Concen: 48.483 ng
RT: 3.016 min Scan# 22
Delta R.T. -0.006 min
Lab File: BM047441.D
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Tgt Ion: 88 Resp: 218766
Ion Ratio Lower Upper
88 100
58 67.1 55.4 83.0
43 27.4 20.7 31.1

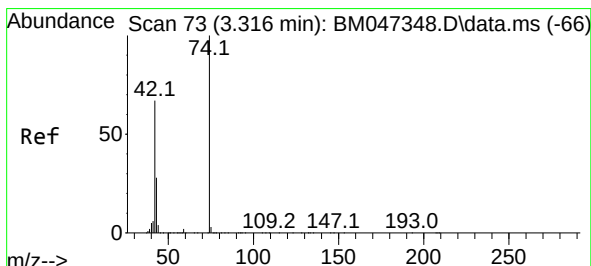
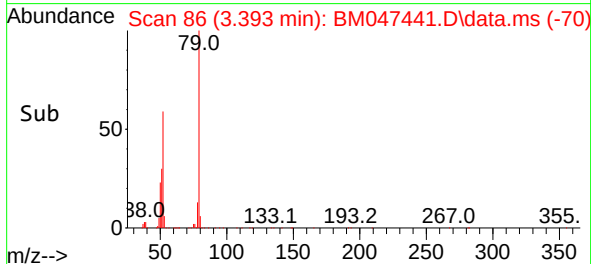
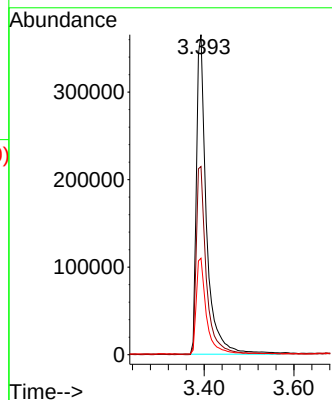
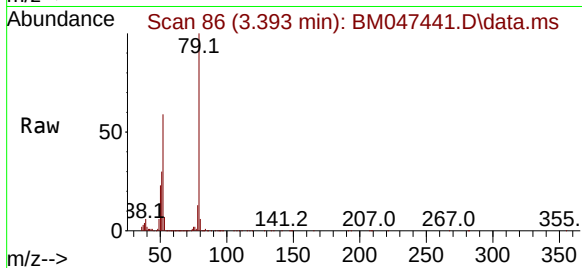




#3
Pyridine
Concen: 45.627 ng
RT: 3.393 min Scan# 80
Delta R.T. -0.006 min
Lab File: BM047441.D
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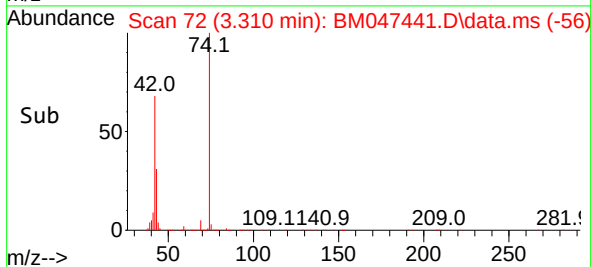
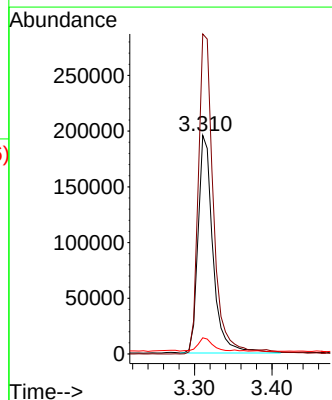
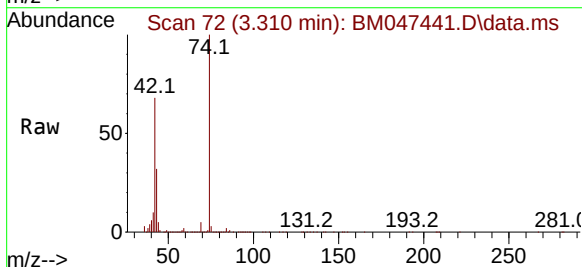
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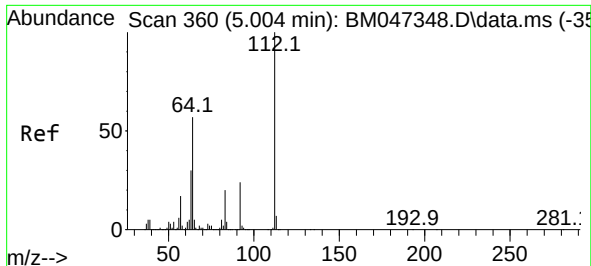
Tgt Ion: 79 Resp: 571405
Ion Ratio Lower Upper
79 100
52 58.8 47.8 71.6
51 30.2 25.0 37.4



#4
n-Nitrosodimethylamine
Concen: 50.880 ng
RT: 3.310 min Scan# 72
Delta R.T. -0.006 min
Lab File: BM047441.D
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Tgt Ion: 42 Resp: 259507
Ion Ratio Lower Upper
42 100
74 146.4 119.2 178.8
44 7.4 5.2 7.8

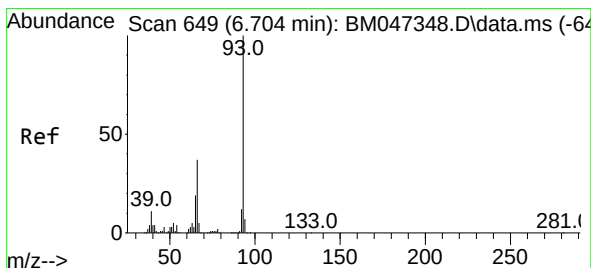
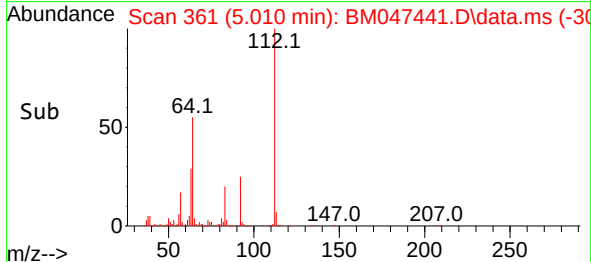
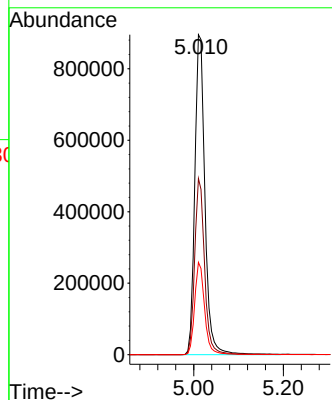
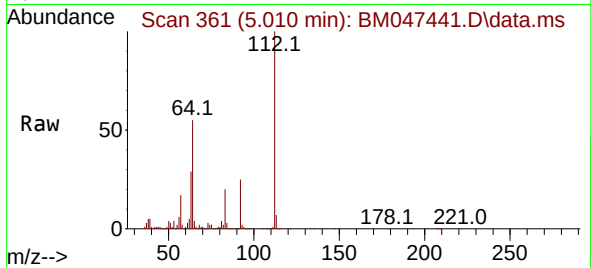




#5
2-Fluorophenol
Concen: 127.210 ng
RT: 5.010 min Scan# 360
Delta R.T. 0.006 min
Lab File: BM047441.D
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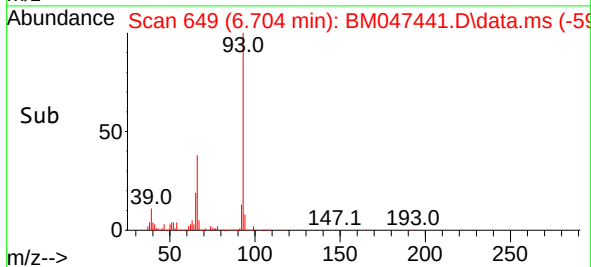
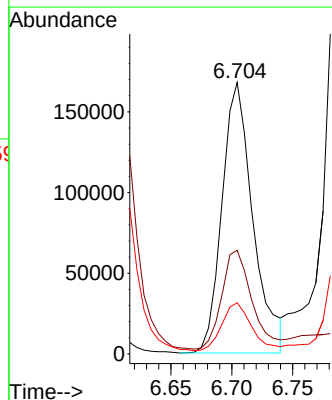
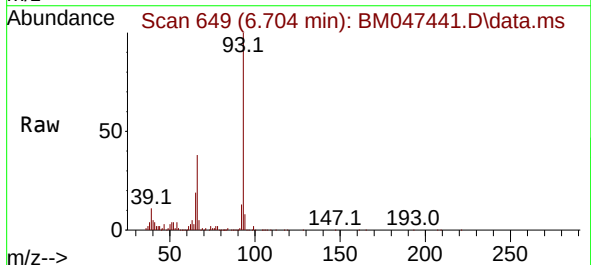
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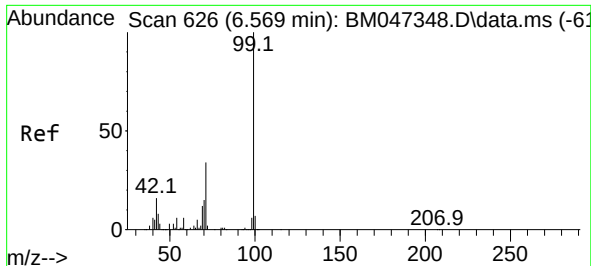
Tgt Ion:112 Resp: 1402347
Ion Ratio Lower Upper
112 100
64 55.1 45.7 68.5
63 28.9 23.8 35.8



#6
Aniline
Concen: 21.790 ng
RT: 6.704 min Scan# 649
Delta R.T. 0.000 min
Lab File: BM047441.D
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Tgt Ion: 93 Resp: 296379
Ion Ratio Lower Upper
93 100
66 38.2 30.0 45.0
65 18.9 15.5 23.3

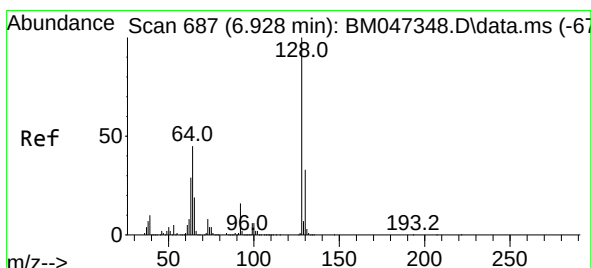
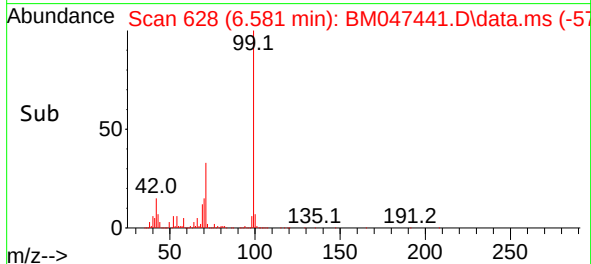
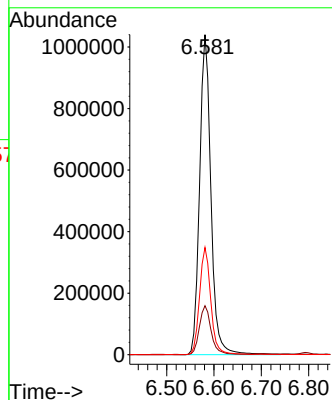
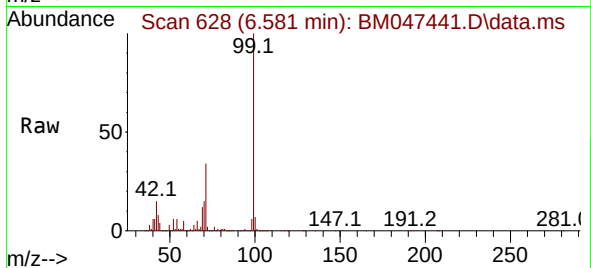




#7
Phenol-d6
Concen: 114.782 ng
RT: 6.581 min Scan# 61
Delta R.T. 0.012 min
Lab File: BM047441.D
Acq: 04 Sep 2024 16:43

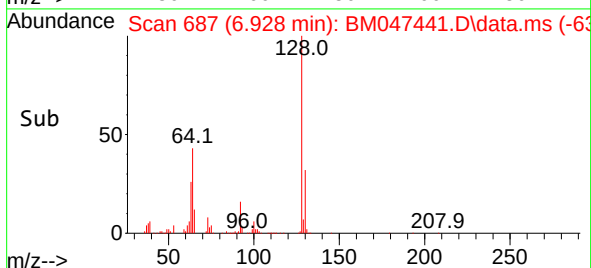
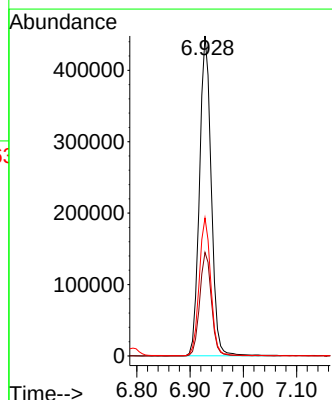
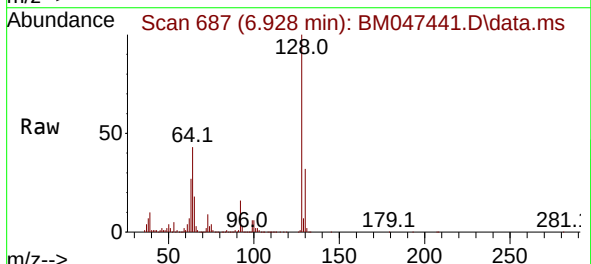
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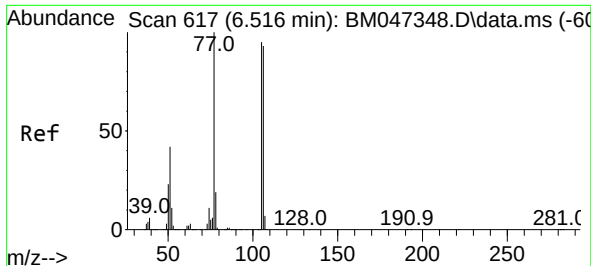
Tgt Ion: 99 Resp: 1723742
Ion Ratio Lower Upper
99 100
42 15.3 13.0 19.4
71 33.5 27.5 41.3



#8
2-Chlorophenol
Concen: 55.588 ng
RT: 6.928 min Scan# 687
Delta R.T. 0.000 min
Lab File: BM047441.D
Acq: 04 Sep 2024 16:43

Tgt Ion: 128 Resp: 685887
Ion Ratio Lower Upper
128 100
130 32.4 12.9 52.9
64 43.2 25.3 65.3

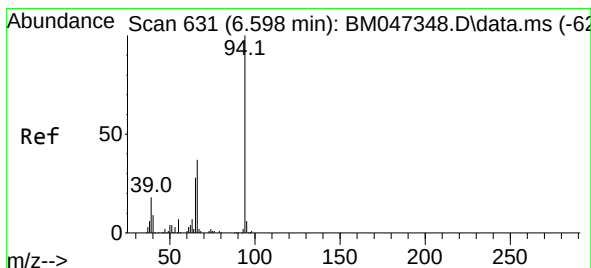
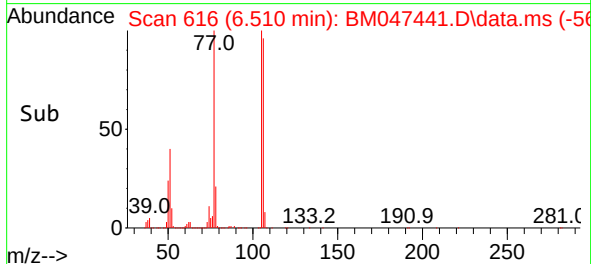
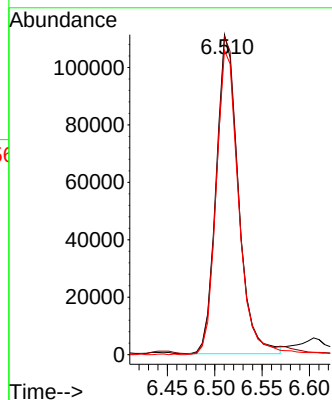
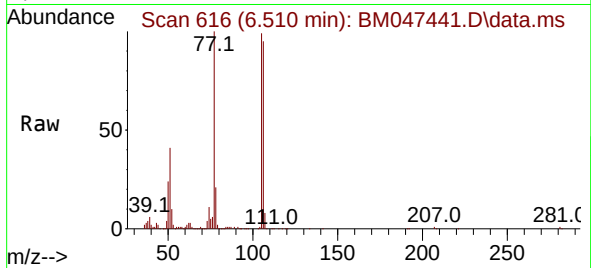




#9
Benzaldehyde
Concen: 19.650 ng
RT: 6.510 min Scan# 617
Delta R.T. -0.006 min
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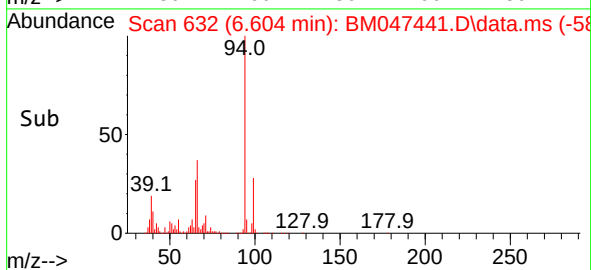
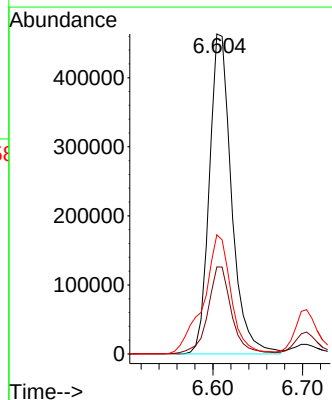
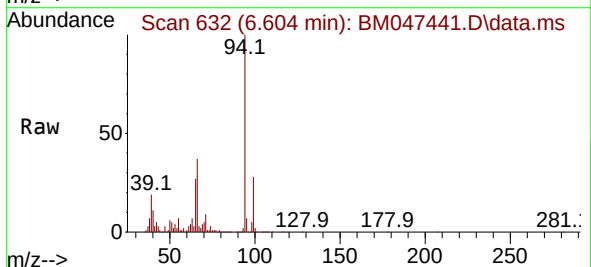
Instrument :
BNA_M
ClientSampleId :
DN-W-01(B-1)MSD

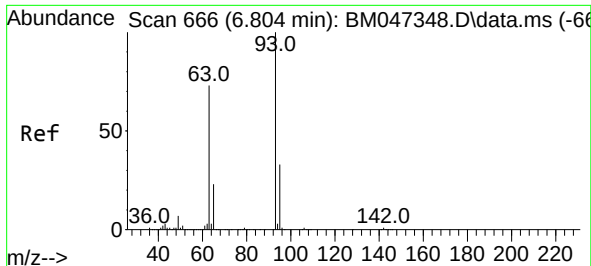
Tgt Ion: 77 Resp: 181212
Ion Ratio Lower Upper
77 100
105 99.5 74.9 114.9
106 95.1 72.6 112.6



#10
Phenol
Concen: 53.931 ng
RT: 6.604 min Scan# 632
Delta R.T. 0.006 min
Lab File: BM047441.D
Acq: 04 Sep 2024 16:43

Tgt Ion: 94 Resp: 796832
Ion Ratio Lower Upper
94 100
65 27.2 7.9 47.9
66 37.3 17.3 57.3

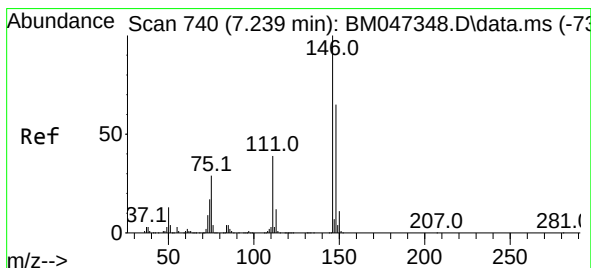
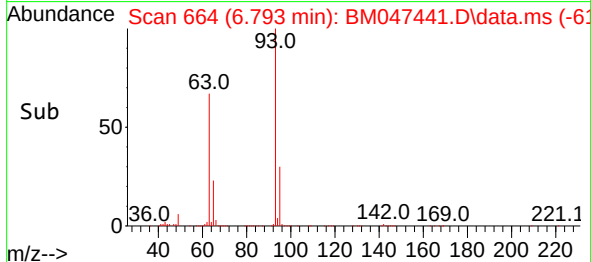
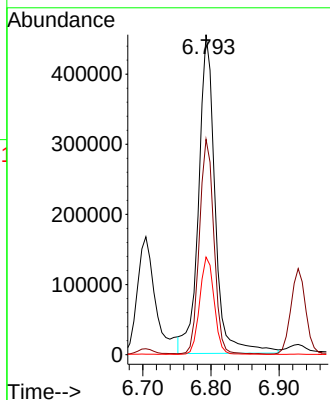
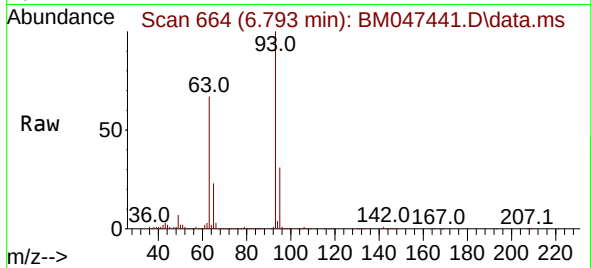




#11
bis(2-Chloroethyl)ether
Concen: 60.003 ng
RT: 6.793 min Scan# 666
Delta R.T. -0.012 min
Lab File: BM047441.D
Acq: 04 Sep 2024 16:43

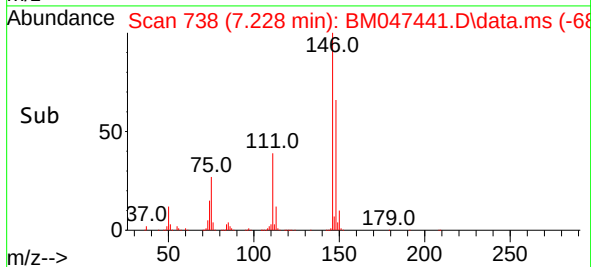
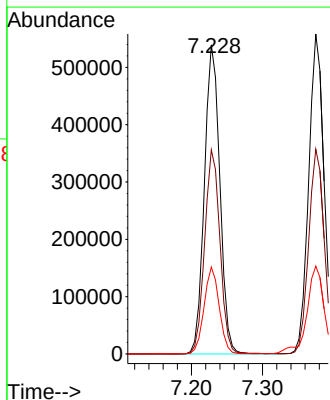
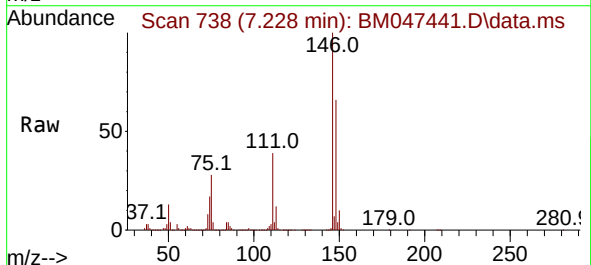
Instrument :
BNA_M
ClientSampleId :
DN-W-01(B-1)MSD

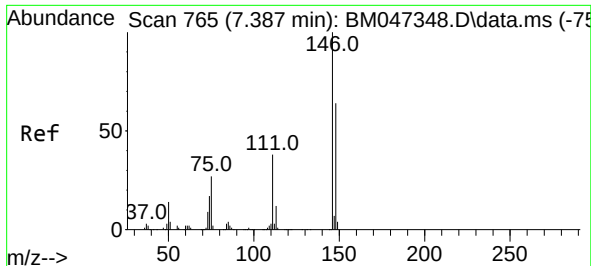
Tgt Ion: 93 Resp: 768283
Ion Ratio Lower Upper
93 100
63 67.3 52.2 92.2
95 30.5 12.9 52.9



#12
1,3-Dichlorobenzene
Concen: 54.242 ng
RT: 7.228 min Scan# 738
Delta R.T. -0.012 min
Lab File: BM047441.D
Acq: 04 Sep 2024 16:43

Tgt Ion: 146 Resp: 818427
Ion Ratio Lower Upper
146 100
148 66.1 51.6 77.4
75 28.1 23.3 34.9

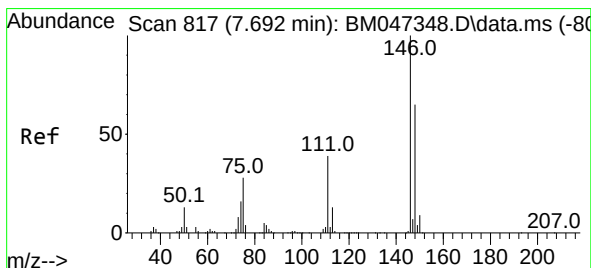
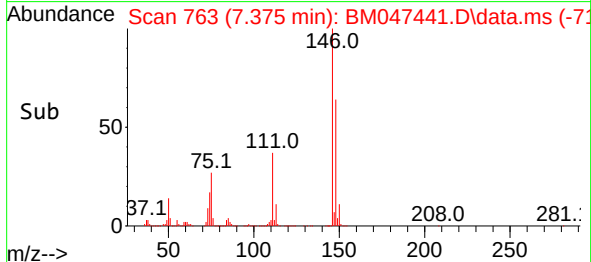
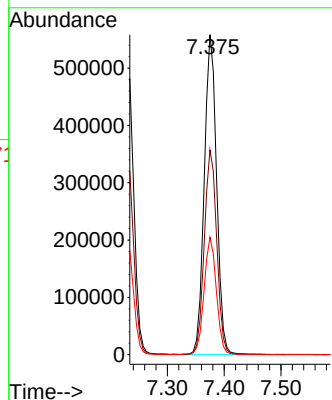
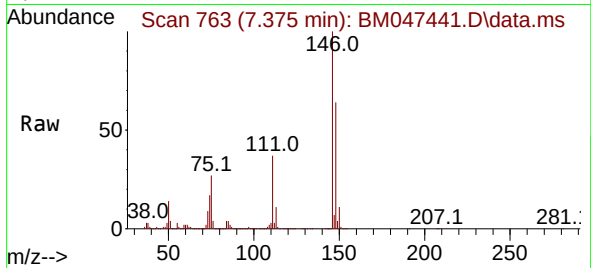




#13
1,4-Dichlorobenzene
Concen: 54.966 ng
RT: 7.375 min Scan# 763
Delta R.T. -0.012 min
Lab File: BM047441.D
Acq: 04 Sep 2024 16:43

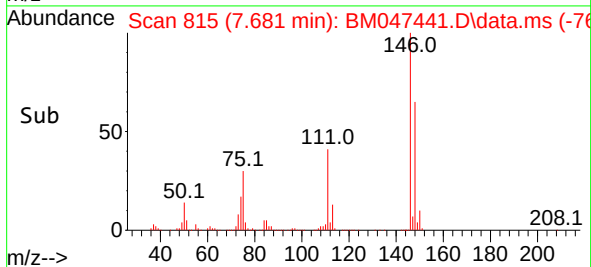
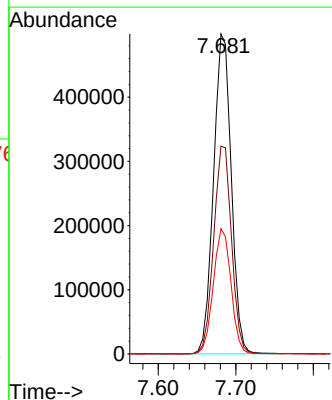
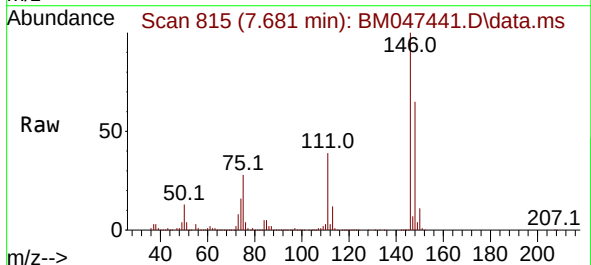
Instrument :
BNA_M
ClientSampleId :
DN-W-01(B-1)MSD

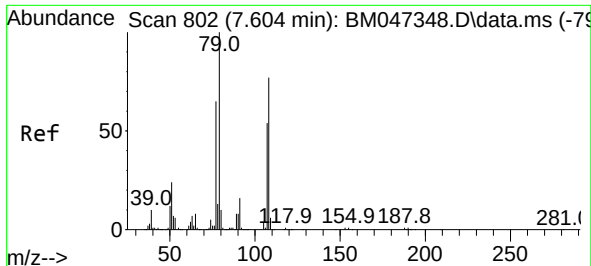
Tgt Ion:146 Resp: 839910
Ion Ratio Lower Upper
146 100
148 64.0 51.0 76.6
111 36.7 30.2 45.2



#14
1,2-Dichlorobenzene
Concen: 54.749 ng
RT: 7.681 min Scan# 815
Delta R.T. -0.012 min
Lab File: BM047441.D
Acq: 04 Sep 2024 16:43

Tgt Ion:146 Resp: 792836
Ion Ratio Lower Upper
146 100
148 64.9 51.8 77.6
111 39.2 31.7 47.5

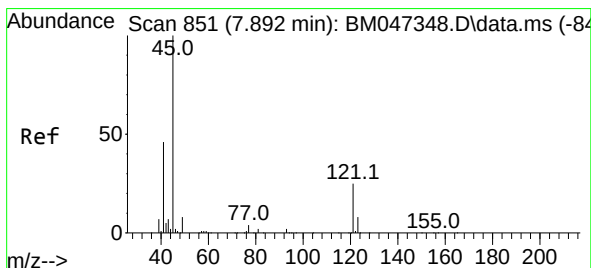
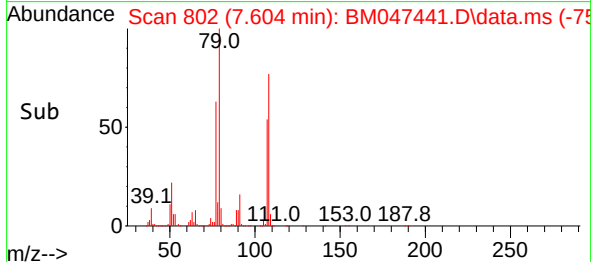
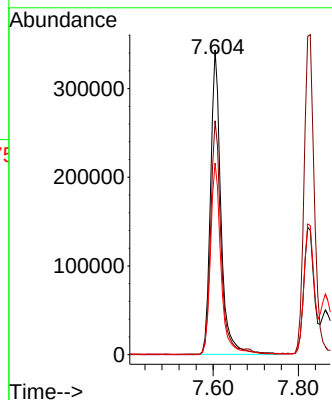
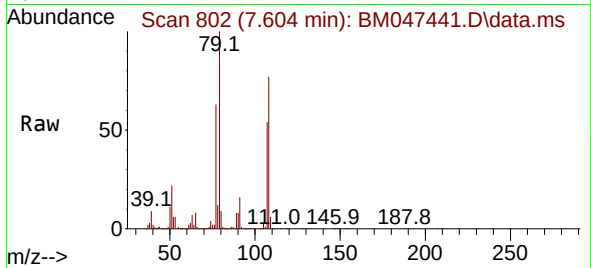




#15
Benzyl Alcohol
Concen: 55.806 ng
RT: 7.604 min Scan# 802
Delta R.T. 0.000 min
Lab File: BM047441.D
Acq: 04 Sep 2024 16:43

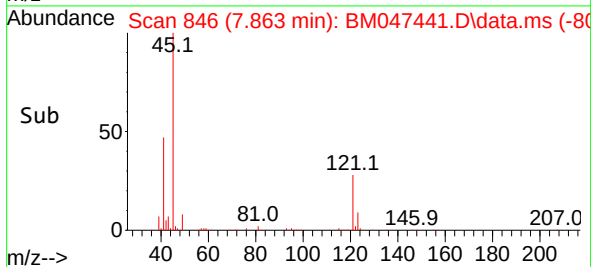
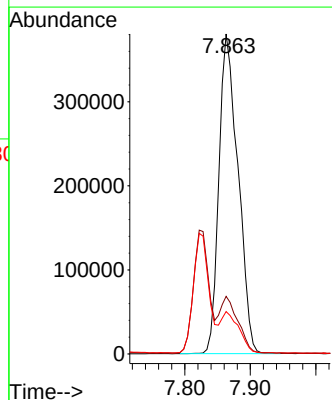
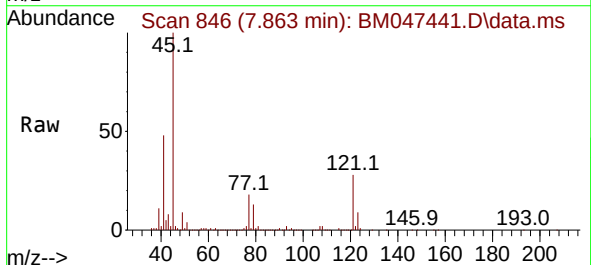
Instrument :
BNA_M
ClientSampleId :
DN-W-01(B-1)MSD

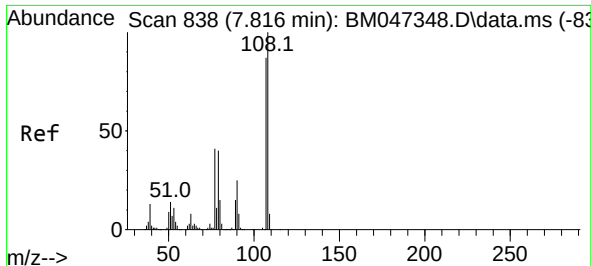
Tgt Ion: 79 Resp: 581018
Ion Ratio Lower Upper
79 100
108 76.7 61.1 91.7
77 62.9 51.9 77.9



#16
2,2'-oxybis(1-Chloropropane)
Concen: 49.925 ng
RT: 7.863 min Scan# 846
Delta R.T. -0.029 min
Lab File: BM047441.D
Acq: 04 Sep 2024 16:43

Tgt Ion: 45 Resp: 766486
Ion Ratio Lower Upper
45 100
77 18.0 0.0 36.7
79 13.3 0.0 33.0

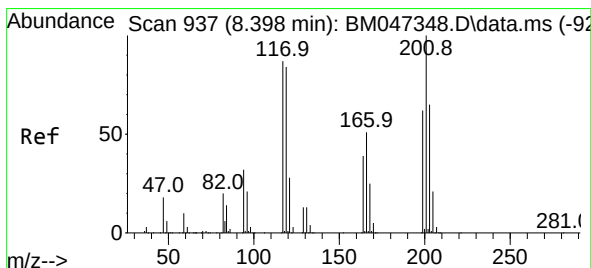
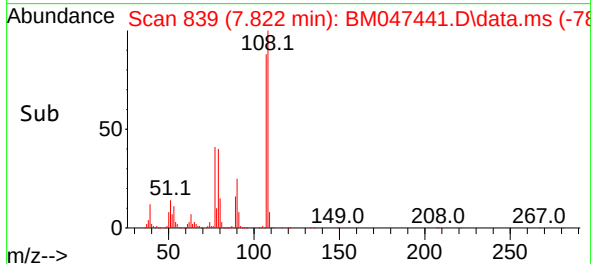
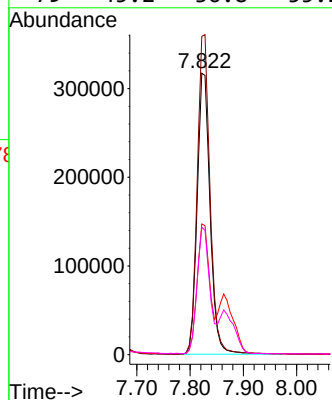
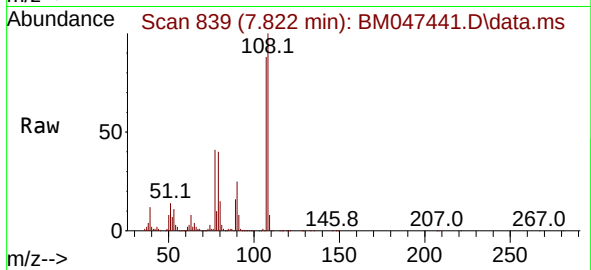




#17
2-Methylphenol
Concen: 52.029 ng
RT: 7.822 min Scan# 81
Delta R.T. 0.006 min
Lab File: BM047441.D
Acq: 04 Sep 2024 16:43

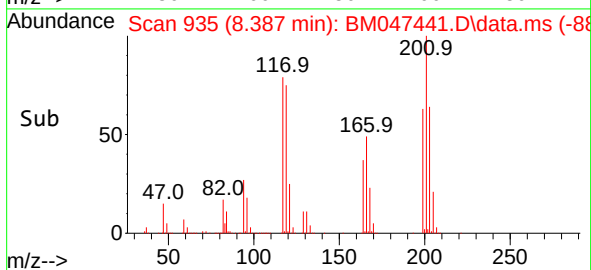
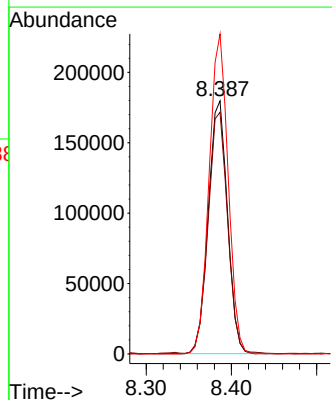
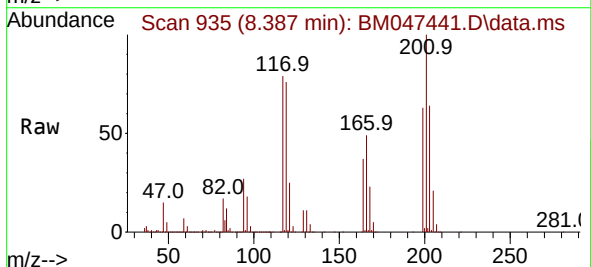
Instrument :
BNA_M
ClientSampleId :
DN-W-01(B-1)MSD

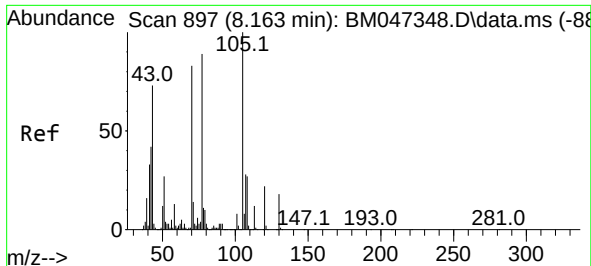
Tgt Ion:	107	Resp:	534094
Ion	Ratio	Lower	Upper
107	100		
108	113.1	91.6	137.4
77	46.4	38.0	57.0
79	45.2	36.8	55.2



#18
Hexachloroethane
Concen: 49.358 ng
RT: 8.387 min Scan# 935
Delta R.T. -0.012 min
Lab File: BM047441.D
Acq: 04 Sep 2024 16:43

Tgt Ion:	117	Resp:	281946
Ion	Ratio	Lower	Upper
117	100		
119	95.5	77.8	116.8
201	126.5	92.3	138.5

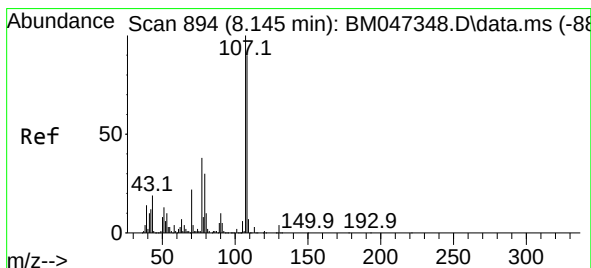
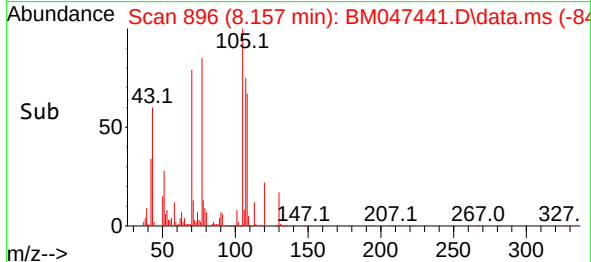
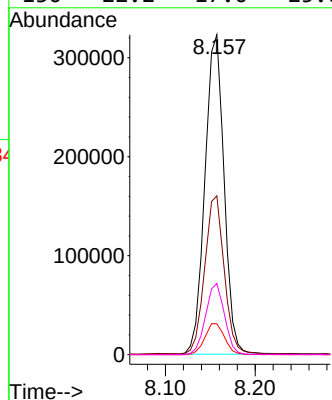
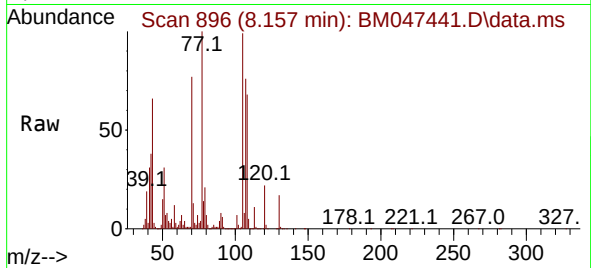




#19
n-Nitroso-di-n-propylamine
Concen: 46.375 ng
RT: 8.157 min Scan# 896
Delta R.T. -0.006 min
Lab File: BM047441.D
Acq: 04 Sep 2024 16:43

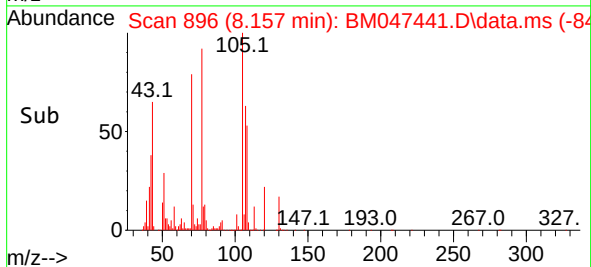
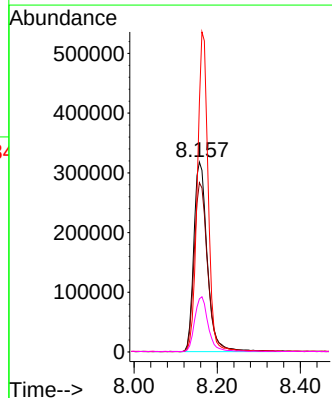
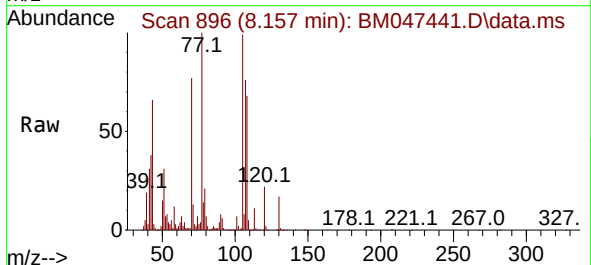
Instrument :
BNA_M
ClientSampleId :
DN-W-01(B-1)MSD

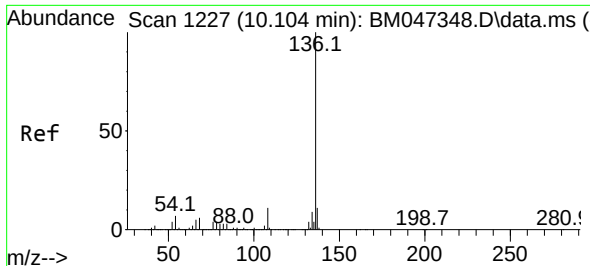
Tgt Ion: 70 Resp: 478736
Ion Ratio Lower Upper
70 100
42 49.7 41.0 61.4
101 9.7 7.9 11.9
130 22.2 17.0 25.6



#20
3+4-Methylphenols
Concen: 50.078 ng
RT: 8.157 min Scan# 896
Delta R.T. 0.012 min
Lab File: BM047441.D
Acq: 04 Sep 2024 16:43

Tgt Ion: 107 Resp: 714744
Ion Ratio Lower Upper
107 100
108 89.1 69.8 109.8
77 131.5 18.0 58.0#
79 28.0 9.8 49.8

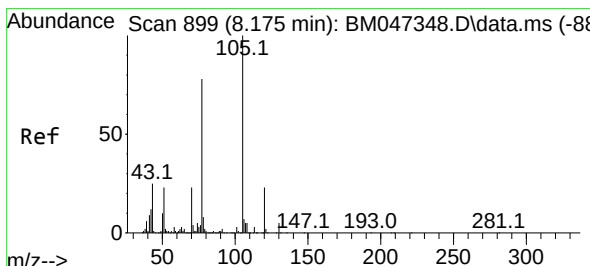
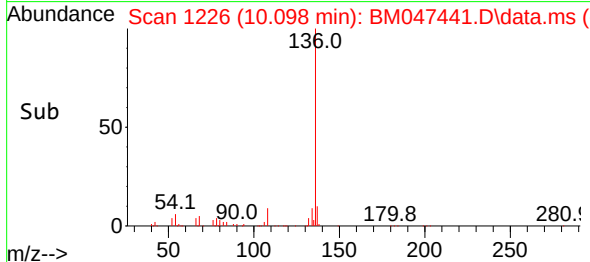
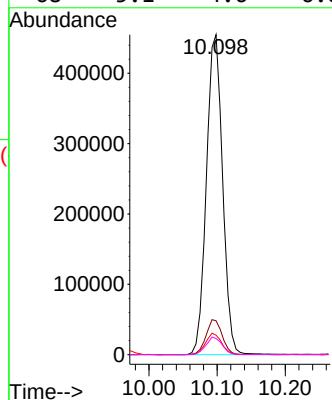
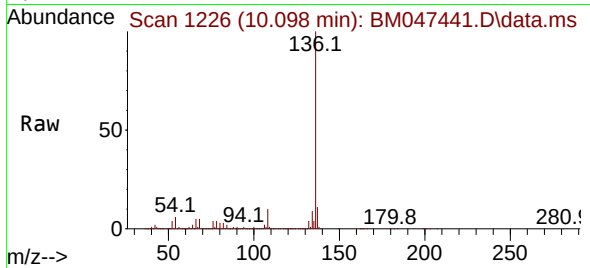




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.098 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM047441.D
Acq: 04 Sep 2024 16:43

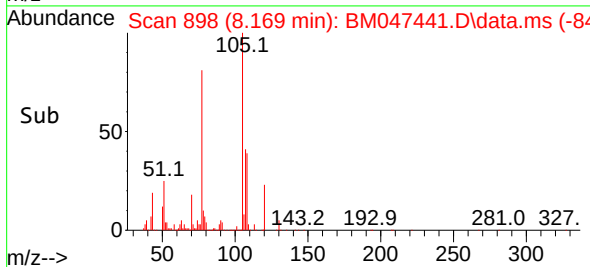
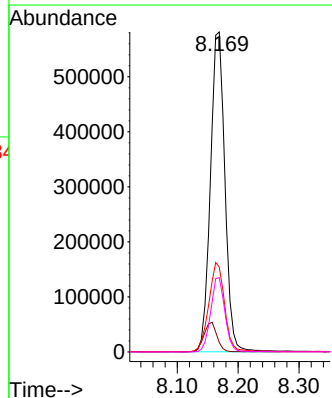
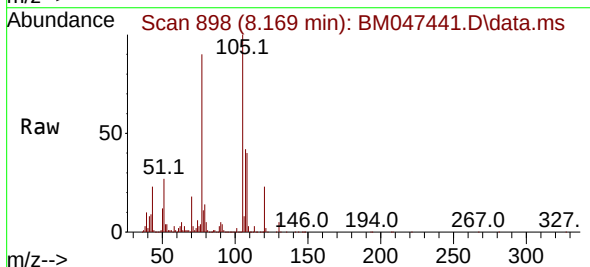
Instrument :
BNA_M
ClientSampleId :
DN-W-01(B-1)MSD

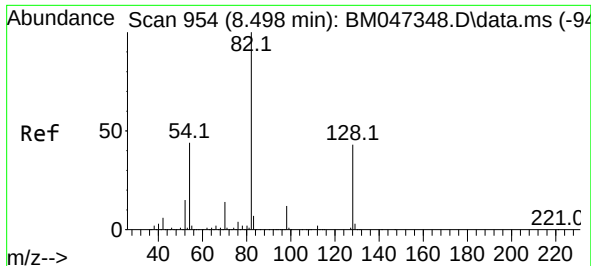
Tgt Ion:136 Resp: 752008
Ion Ratio Lower Upper
136 100
137 10.6 8.8 13.2
54 6.1 5.2 7.8
68 5.1 4.6 6.8



#22
Acetophenone
Concen: 55.173 ng
RT: 8.169 min Scan# 898
Delta R.T. -0.006 min
Lab File: BM047441.D
Acq: 04 Sep 2024 16:43

Tgt Ion:105 Resp: 962917
Ion Ratio Lower Upper
105 100
71 3.0 3.1 4.7#
51 26.5 18.7 28.1
120 23.2 18.4 27.6

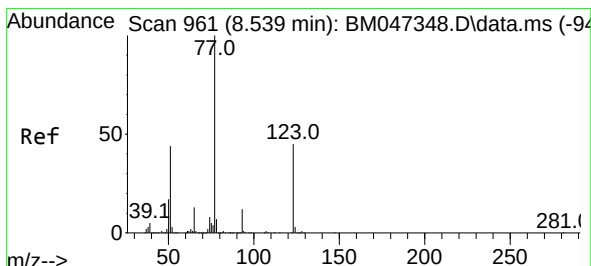
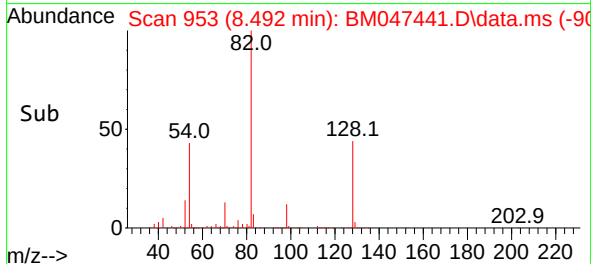
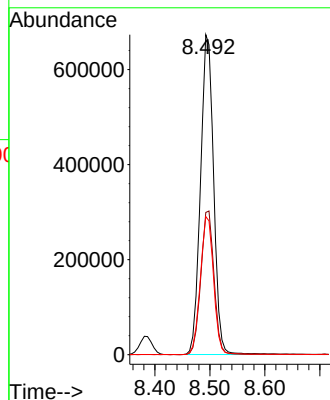
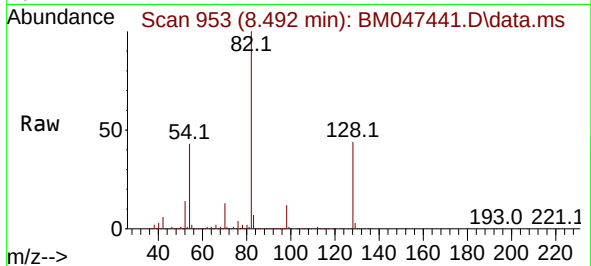




#23
Nitrobenzene-d5
Concen: 82.629 ng
RT: 8.492 min Scan# 91
Delta R.T. -0.006 min
Lab File: BM047441.D
Acq: 04 Sep 2024 16:43

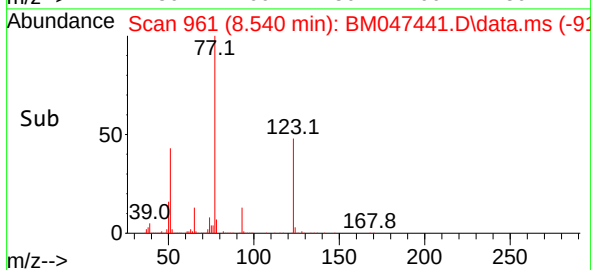
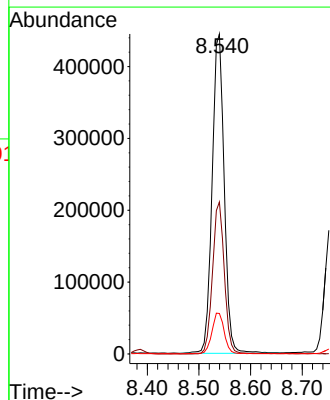
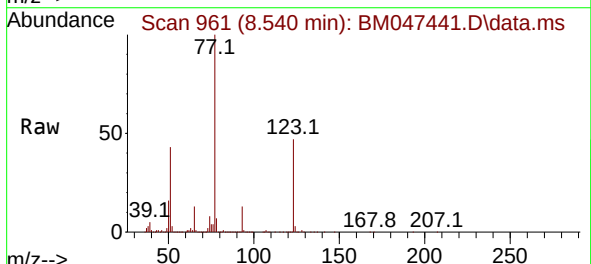
Instrument :
BNA_M
ClientSampleId :
DN-W-01(B-1)MSD

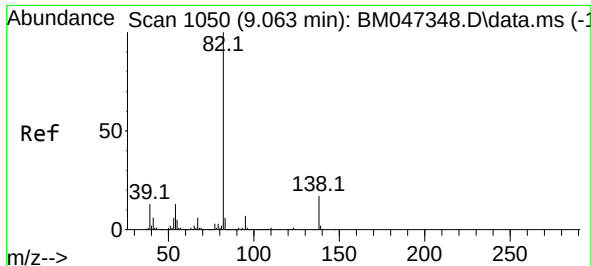
Tgt Ion: 82 Resp: 1119883
Ion Ratio Lower Upper
82 100
128 44.5 34.6 51.8
54 43.1 35.5 53.3



#24
Nitrobenzene
Concen: 51.726 ng
RT: 8.540 min Scan# 961
Delta R.T. 0.000 min
Lab File: BM047441.D
Acq: 04 Sep 2024 16:43

Tgt Ion: 77 Resp: 721022
Ion Ratio Lower Upper
77 100
123 47.5 35.6 53.4
65 12.6 10.5 15.7

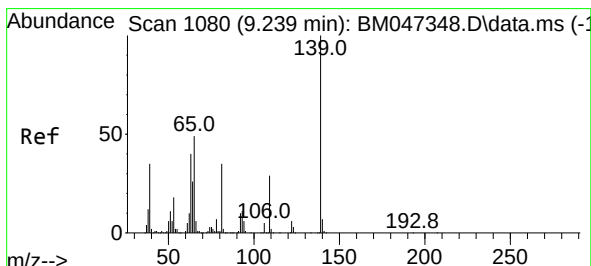
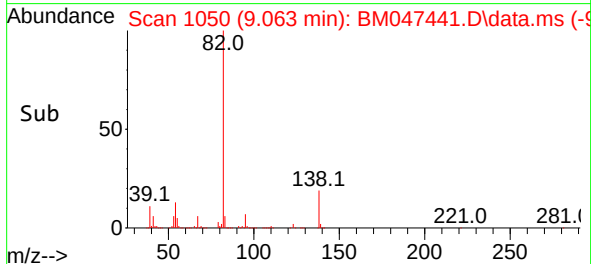
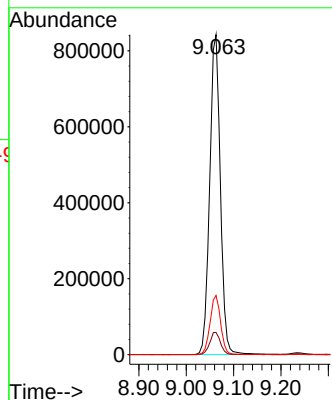
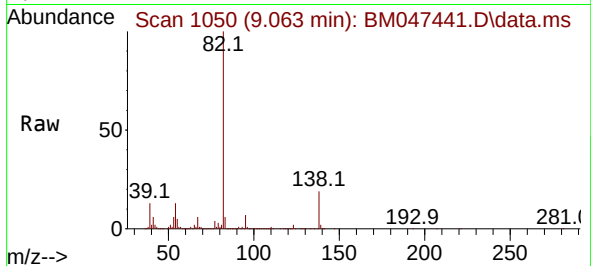




#25
Isophorone
Concen: 51.361 ng
RT: 9.063 min Scan# 1050
Delta R.T. 0.000 min
Lab File: BM047441.D
Acq: 04 Sep 2024 16:43

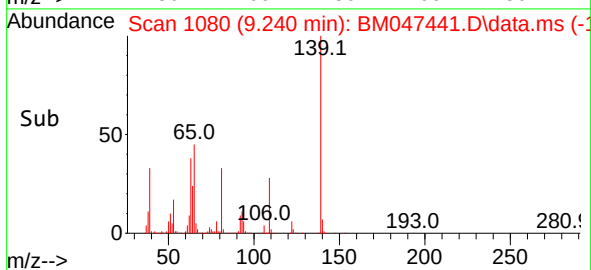
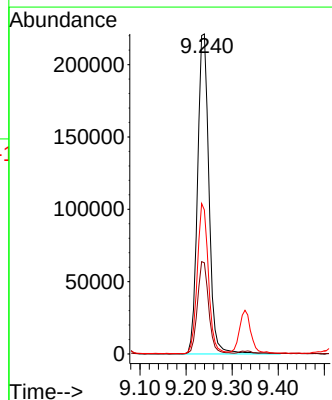
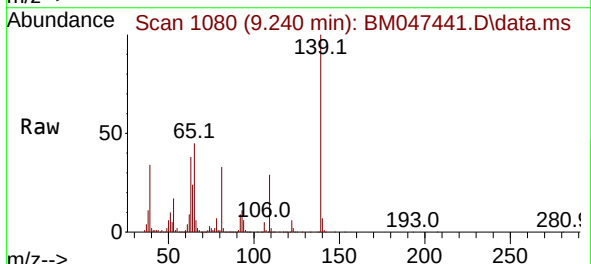
Instrument :
BNA_M
ClientSampleId :
DN-W-01(B-1)MSD

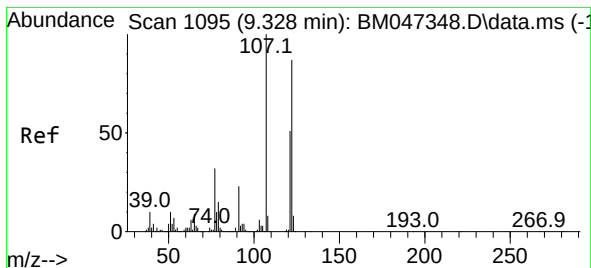
Tgt Ion: 82 Resp: 1315633
Ion Ratio Lower Upper
82 100
95 6.9 5.6 8.4
138 18.5 13.9 20.9



#26
2-Nitrophenol
Concen: 55.579 ng
RT: 9.240 min Scan# 1080
Delta R.T. 0.000 min
Lab File: BM047441.D
Acq: 04 Sep 2024 16:43

Tgt Ion:139 Resp: 381071
Ion Ratio Lower Upper
139 100
109 28.5 23.4 35.0
65 45.0 39.6 59.4

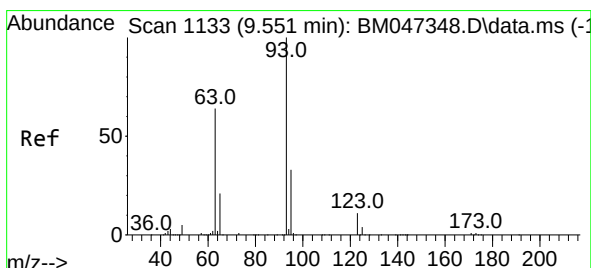
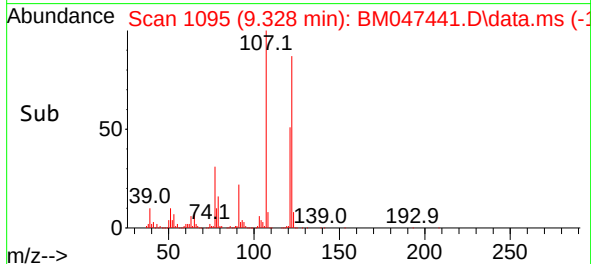
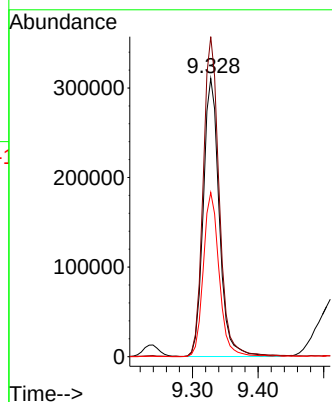
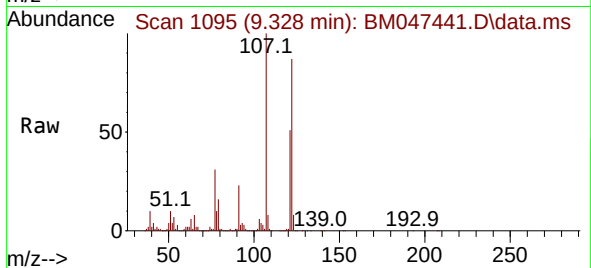




#27
2,4-Dimethylphenol
Concen: 68.160 ng
RT: 9.328 min Scan# 1095
Delta R.T. 0.000 min
Lab File: BM047441.D
Acq: 04 Sep 2024 16:43

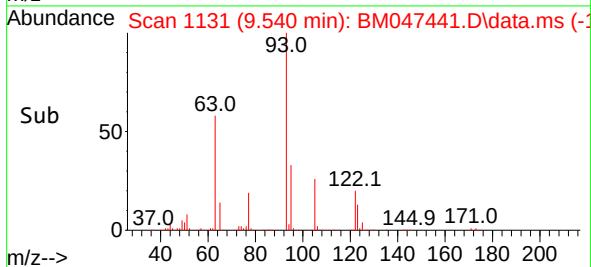
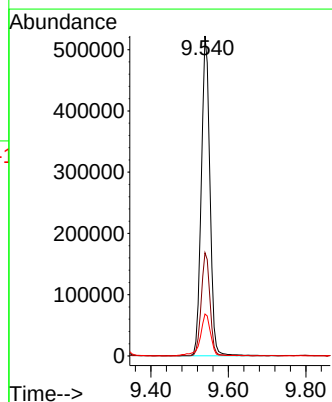
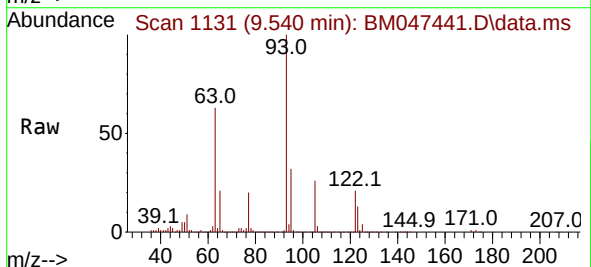
Instrument :
BNA_M
ClientSampleId :
DN-W-01(B-1)MSD

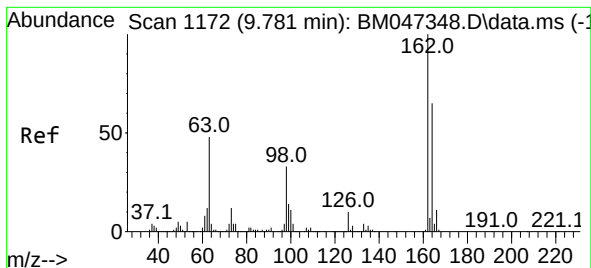
Tgt Ion:122 Resp: 527512
Ion Ratio Lower Upper
122 100
107 115.0 91.9 137.9
121 59.0 47.0 70.6



#28
bis(2-Chloroethoxy)methane
Concen: 51.326 ng
RT: 9.540 min Scan# 1131
Delta R.T. -0.012 min
Lab File: BM047441.D
Acq: 04 Sep 2024 16:43

Tgt Ion: 93 Resp: 805103
Ion Ratio Lower Upper
93 100
95 32.2 26.6 39.8
123 13.1 9.6 14.4





#29

2,4-Dichlorophenol

Concen: 57.806 ng

RT: 9.798 min Scan# 1172

Delta R.T. 0.018 min

Lab File: BM047441.D

Acq: 04 Sep 2024 16:43

Instrument :

BNA_M

ClientSampleId :

DN-W-01(B-1)MSD

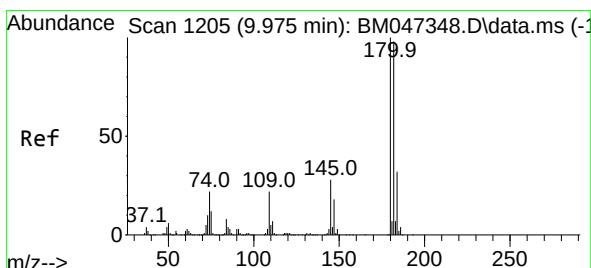
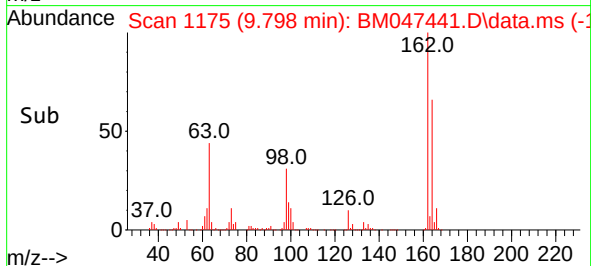
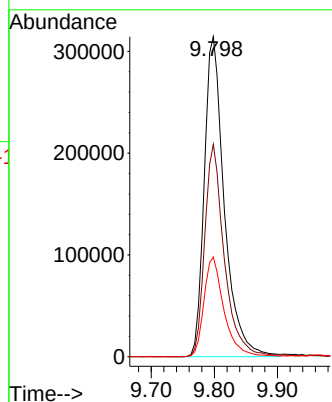
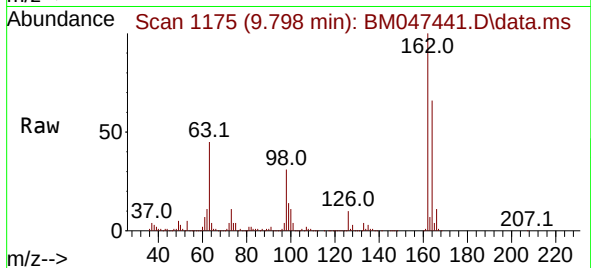
Tgt Ion:162 Resp: 693996

Ion Ratio Lower Upper

162 100

164 66.4 44.6 84.6

98 31.2 13.2 53.2



#30

1,2,4-Trichlorobenzene

Concen: 56.129 ng

RT: 9.969 min Scan# 1204

Delta R.T. -0.006 min

Lab File: BM047441.D

Acq: 04 Sep 2024 16:43

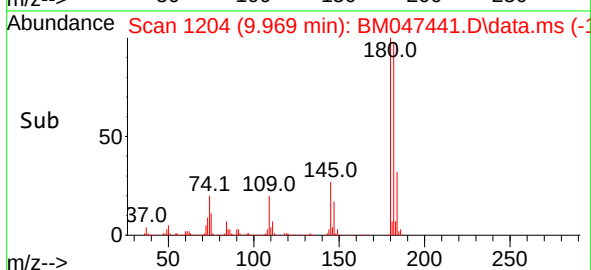
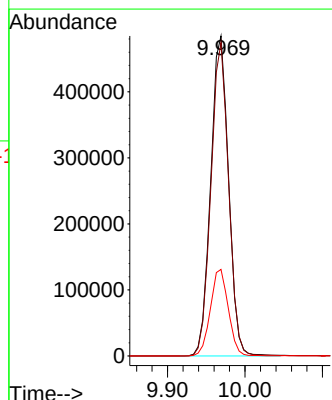
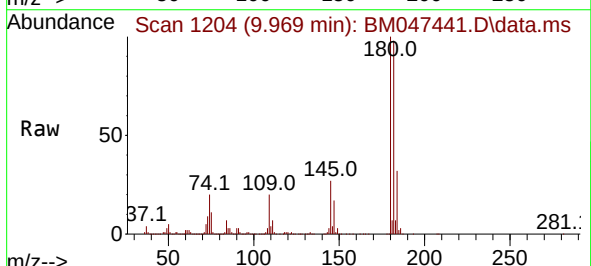
Tgt Ion:180 Resp: 778336

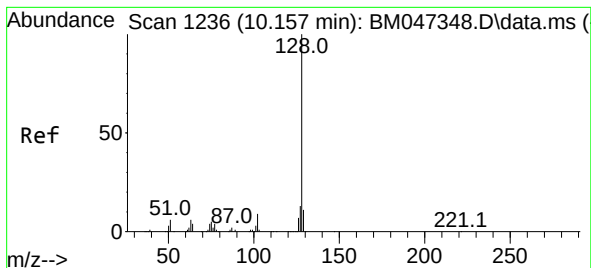
Ion Ratio Lower Upper

180 100

182 97.9 78.2 117.2

145 27.0 22.3 33.5

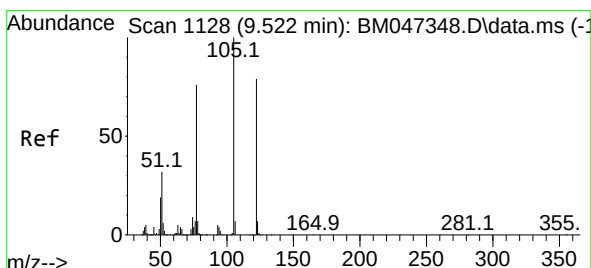
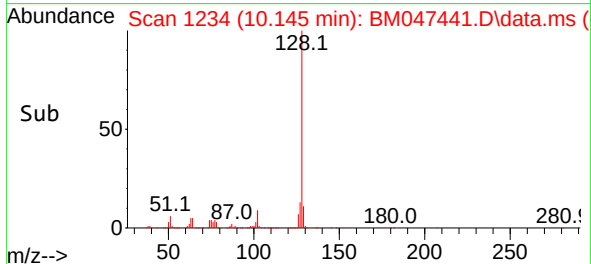
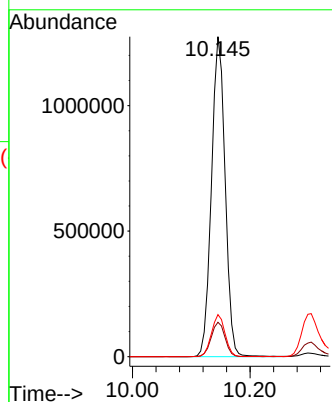
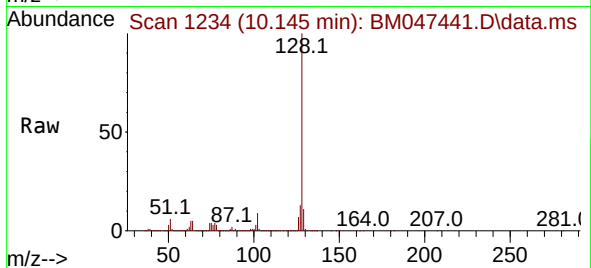




#31
Naphthalene
Concen: 55.943 ng
RT: 10.145 min Scan# 1133
Delta R.T. -0.012 min
Lab File: BM047441.D
Acq: 04 Sep 2024 16:43

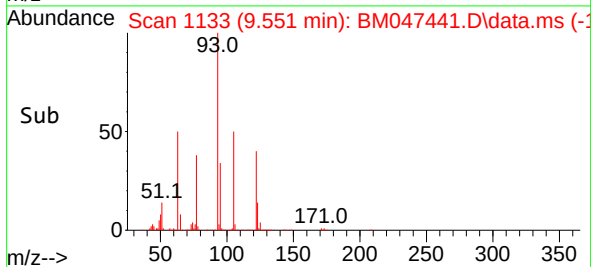
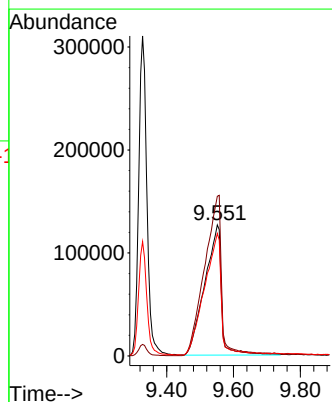
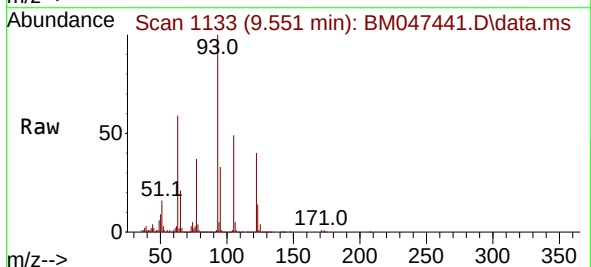
Instrument :
BNA_M
ClientSampleId :
DN-W-01(B-1)MSD

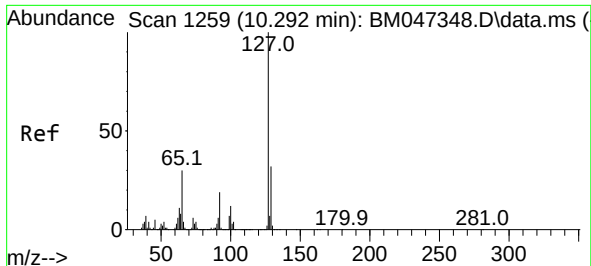
Tgt Ion:128 Resp: 2054775
Ion Ratio Lower Upper
128 100
129 10.8 9.0 13.6
127 13.2 10.4 15.6



#32
Benzoic acid
Concen: 48.035 ng
RT: 9.551 min Scan# 1133
Delta R.T. 0.029 min
Lab File: BM047441.D
Acq: 04 Sep 2024 16:43

Tgt Ion:122 Resp: 443917
Ion Ratio Lower Upper
122 100
105 121.9 106.0 146.0
77 93.4 76.3 116.3

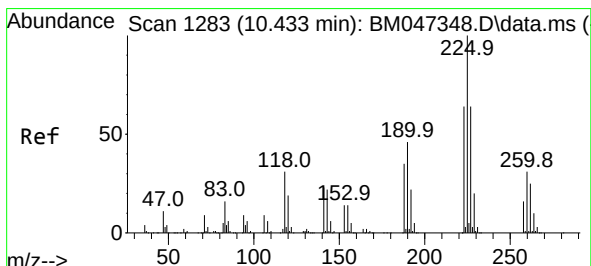
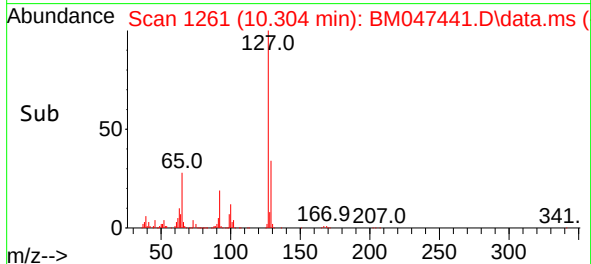
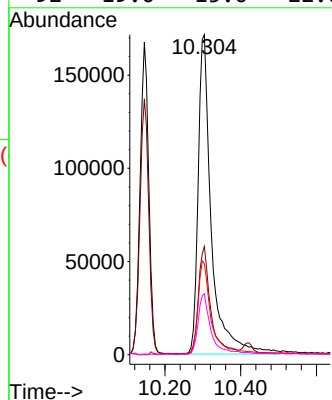
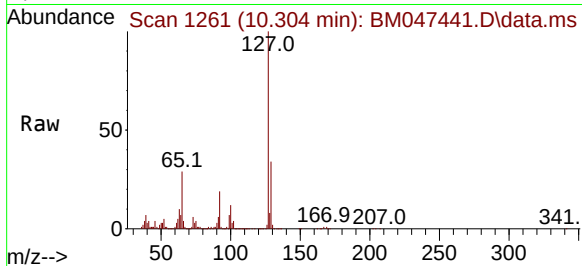




#33
4-Chloroaniline
Concen: 30.685 ng
RT: 10.304 min Scan# 1261
Delta R.T. 0.012 min
Lab File: BM047441.D
Acq: 04 Sep 2024 16:43

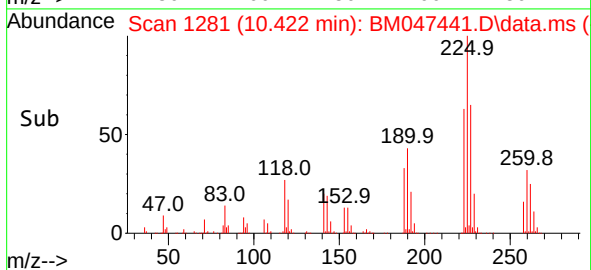
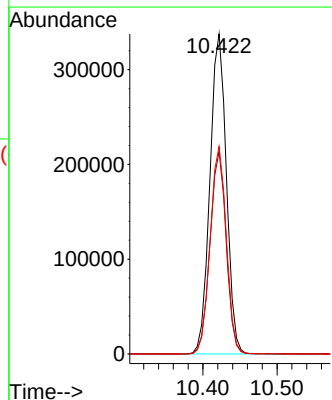
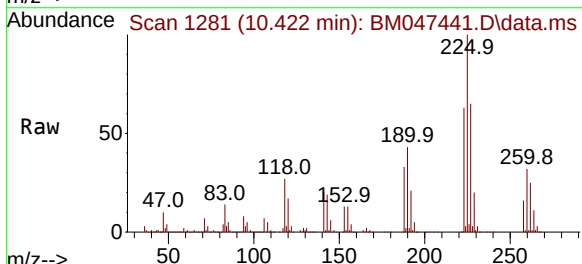
Instrument :
BNA_M
ClientSampleId :
DN-W-01(B-1)MSD

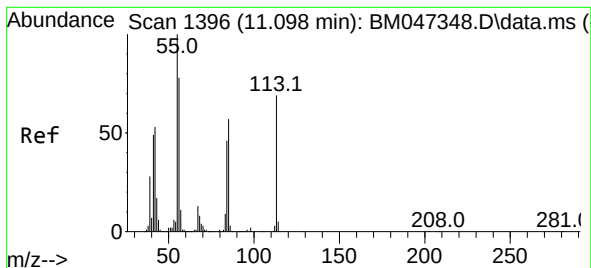
Tgt Ion:	127	Resp:	419065
Ion Ratio	Lower	Upper	
127	100		
129	33.8	25.8	38.8
65	28.5	24.2	36.2
92	19.0	15.0	22.6



#34
Hexachlorobutadiene
Concen: 59.996 ng
RT: 10.422 min Scan# 1281
Delta R.T. -0.012 min
Lab File: BM047441.D
Acq: 04 Sep 2024 16:43

Tgt Ion:	225	Resp:	519576
Ion Ratio	Lower	Upper	
225	100		
223	63.3	51.1	76.7
227	64.8	51.0	76.6

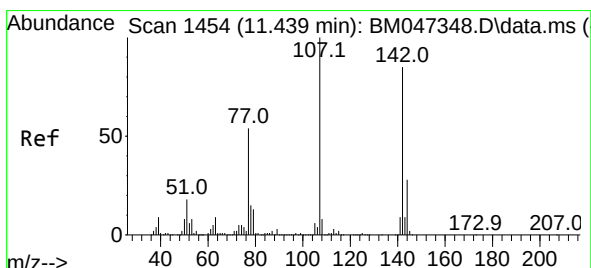
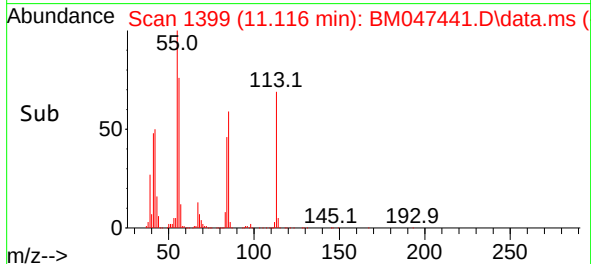
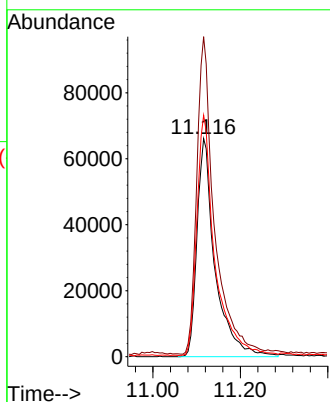
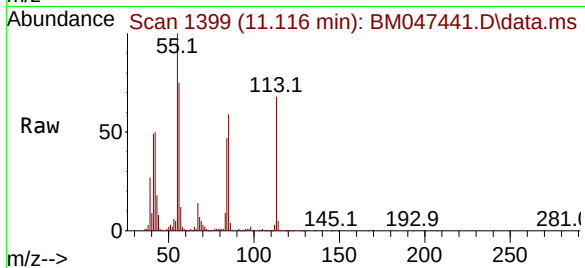




#35
Caprolactam
Concen: 48.810 ng
RT: 11.116 min Scan# 1116
Delta R.T. 0.018 min
Lab File: BM047441.D
Acq: 04 Sep 2024 16:43

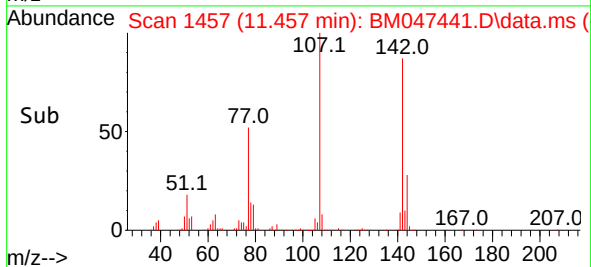
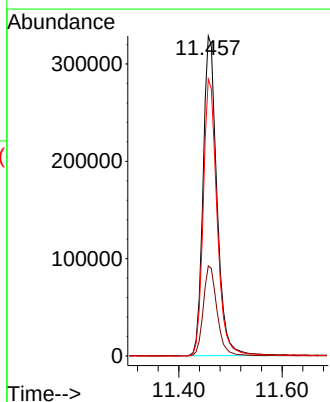
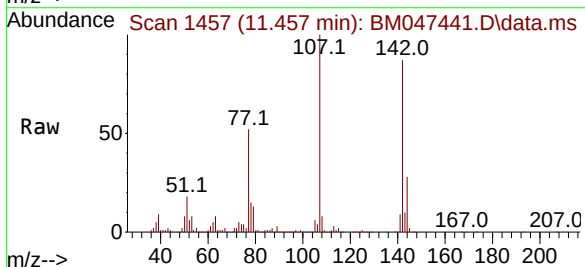
Instrument :
BNA_M
ClientSampleId :
DN-W-01(B-1)MSD

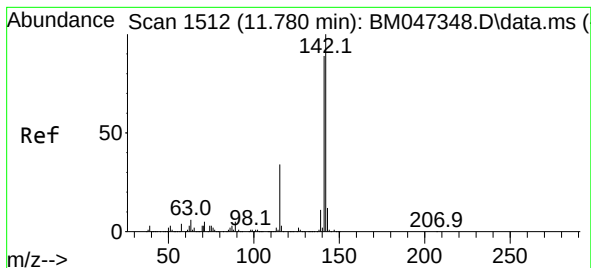
Tgt Ion:113 Resp: 189830
Ion Ratio Lower Upper
113 100
55 146.8 126.2 166.2
56 110.7 93.2 133.2



#36
4-Chloro-3-methylphenol
Concen: 50.185 ng
RT: 11.457 min Scan# 1457
Delta R.T. 0.018 min
Lab File: BM047441.D
Acq: 04 Sep 2024 16:43

Tgt Ion:107 Resp: 611837
Ion Ratio Lower Upper
107 100
144 28.2 22.2 33.4
142 86.5 67.7 101.5





#37

2-Methylnaphthalene

Concen: 54.211 ng

RT: 11.775 min Scan# 11

Delta R.T. -0.006 min

Lab File: BM047441.D

Acq: 04 Sep 2024 16:43

Instrument :

BNA_M

ClientSampleId :

DN-W-01(B-1)MSD

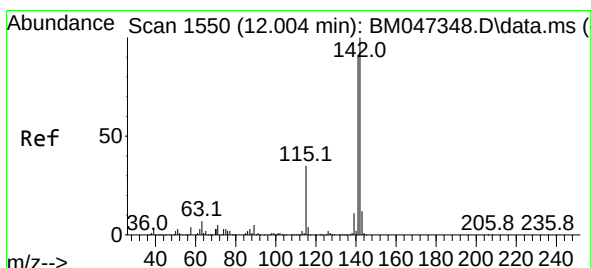
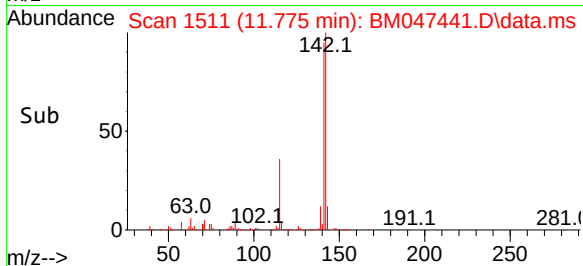
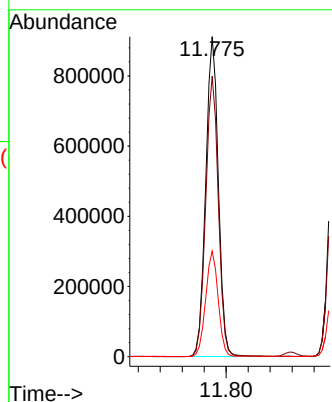
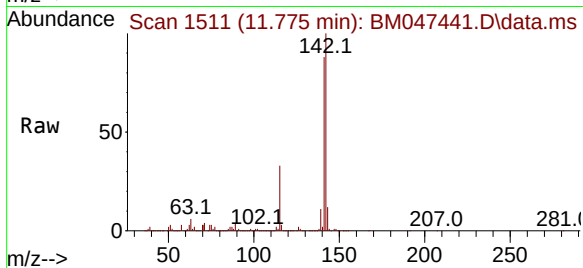
Tgt Ion:142 Resp: 1451811

Ion Ratio Lower Upper

142 100

141 87.7 70.8 106.2

115 33.0 27.5 41.3



#38

1-Methylnaphthalene

Concen: 51.096 ng

RT: 11.998 min Scan# 1549

Delta R.T. -0.006 min

Lab File: BM047441.D

Acq: 04 Sep 2024 16:43

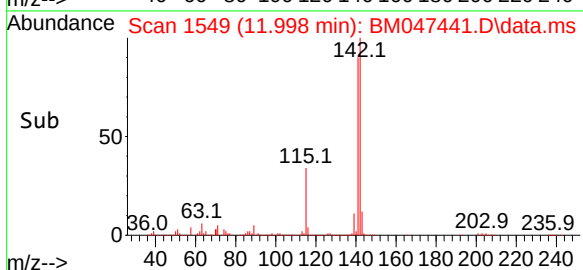
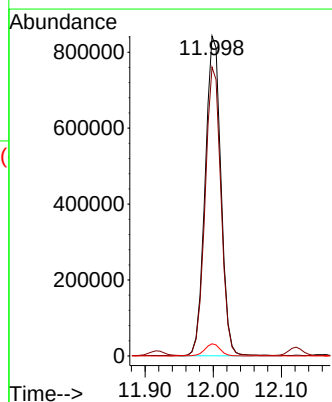
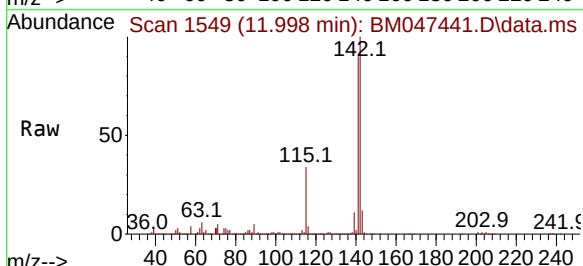
Tgt Ion:142 Resp: 1353363

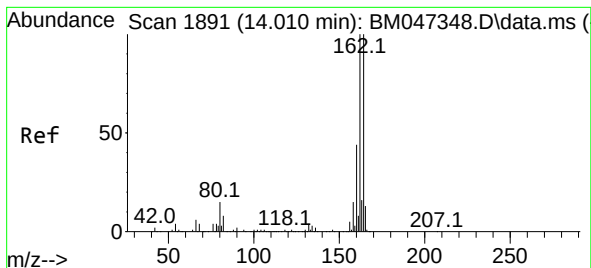
Ion Ratio Lower Upper

142 100

141 90.3 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: BM047441.D

Acq: 04 Sep 2024 16:43

Instrument :

BNA_M

ClientSampleId :

DN-W-01(B-1)MSD

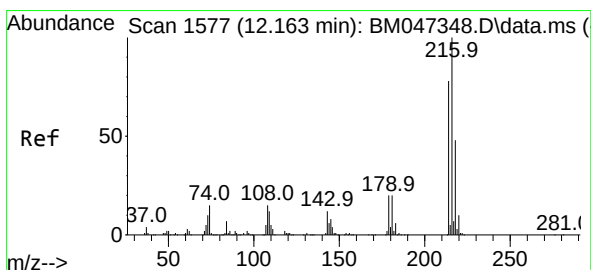
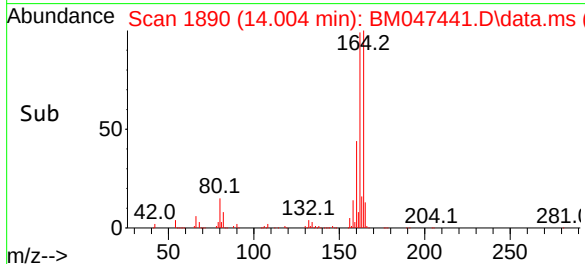
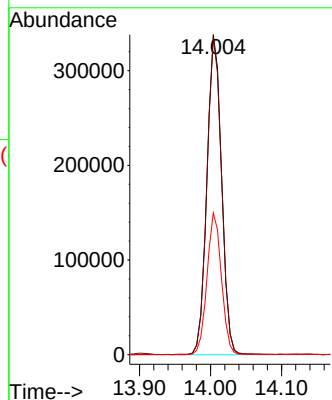
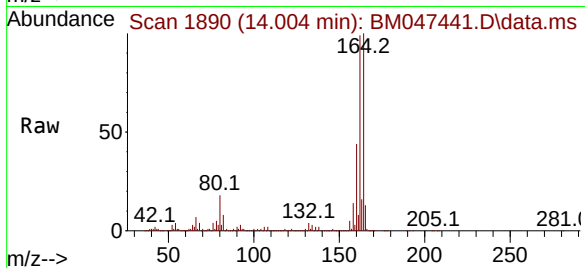
Tgt Ion:164 Resp: 485384

Ion Ratio Lower Upper

164 100

162 99.2 79.7 119.5

160 44.3 34.9 52.3



#40

1,2,4,5-Tetrachlorobenzene

Concen: 60.135 ng

RT: 12.157 min Scan# 1576

Delta R.T. -0.006 min

Lab File: BM047441.D

Acq: 04 Sep 2024 16:43

Tgt Ion:216 Resp: 864321

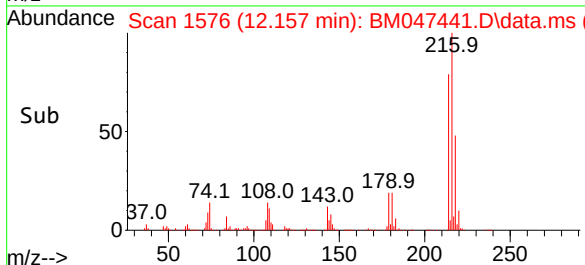
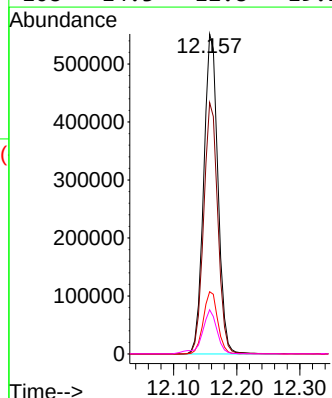
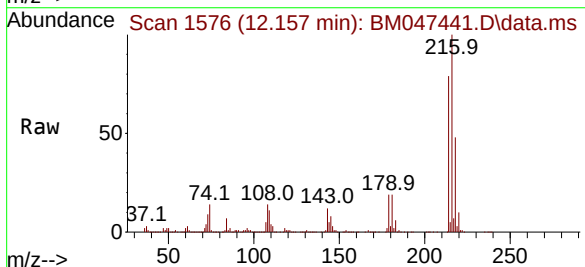
Ion Ratio Lower Upper

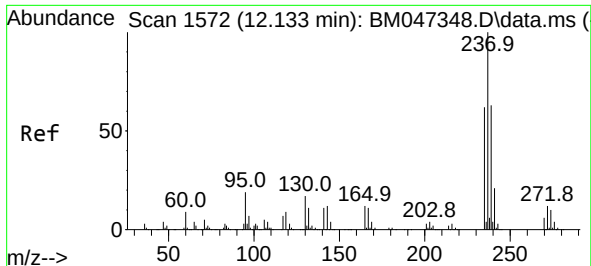
216 100

214 78.2 62.6 94.0

179 19.7 16.6 24.8

108 14.3 12.8 19.2

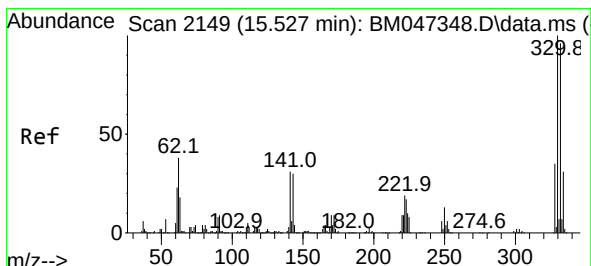
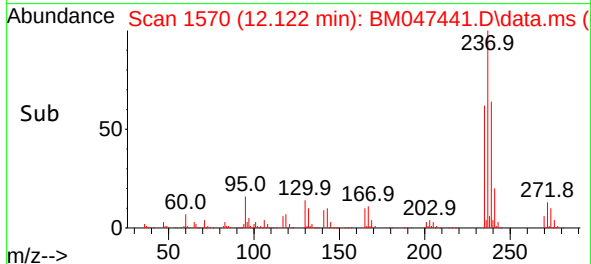
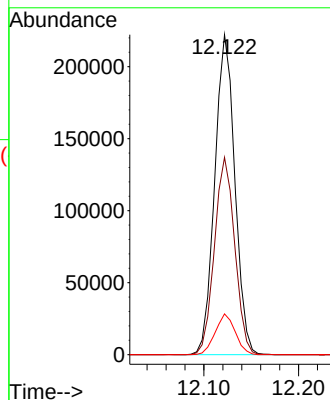
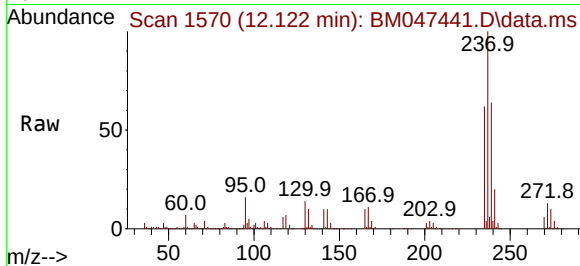




#41
Hexachlorocyclopentadiene
Concen: 72.300 ng
RT: 12.122 min Scan# 1
Delta R.T. -0.011 min
Lab File: BM047441.D
Acq: 04 Sep 2024 16:43

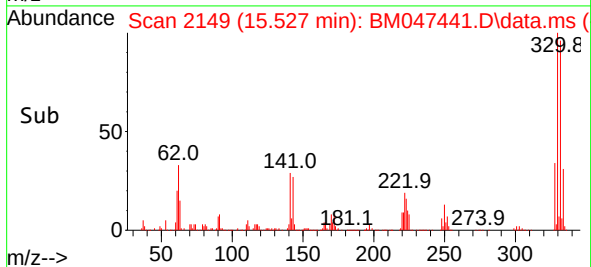
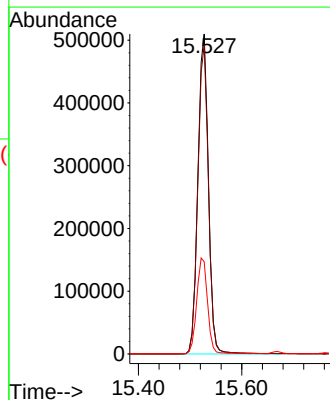
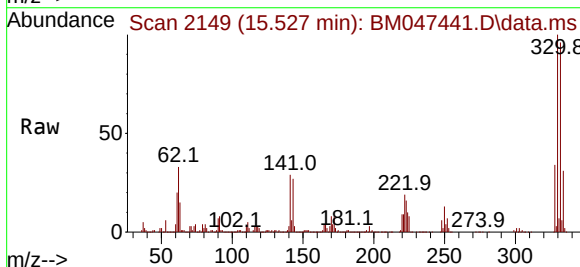
Instrument :
BNA_M
ClientSampleId :
DN-W-01(B-1)MSD

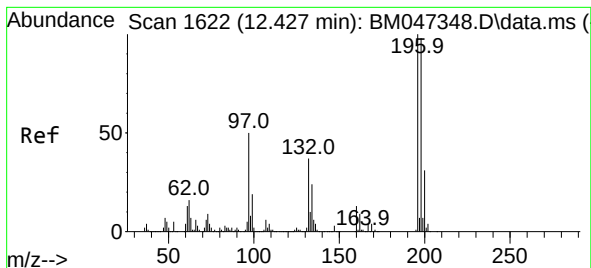
Tgt Ion:237 Resp: 327969
Ion Ratio Lower Upper
237 100
235 61.6 42.1 82.1
272 12.7 0.0 32.3



#42
2,4,6-Tribromophenol
Concen: 123.643 ng
RT: 15.527 min Scan# 2149
Delta R.T. 0.000 min
Lab File: BM047441.D
Acq: 04 Sep 2024 16:43

Tgt Ion:330 Resp: 724064
Ion Ratio Lower Upper
330 100
332 96.6 77.2 115.8
141 30.6 27.6 41.4





#43

2,4,6-Trichlorophenol

Concen: 58.270 ng

RT: 12.433 min Scan# 1

Delta R.T. 0.006 min

Lab File: BM047441.D

Acq: 04 Sep 2024 16:43

Instrument :

BNA_M

ClientSampleId :

DN-W-01(B-1)MSD

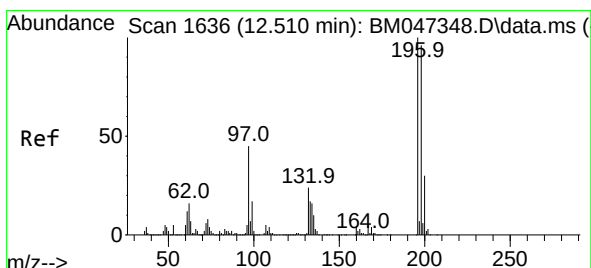
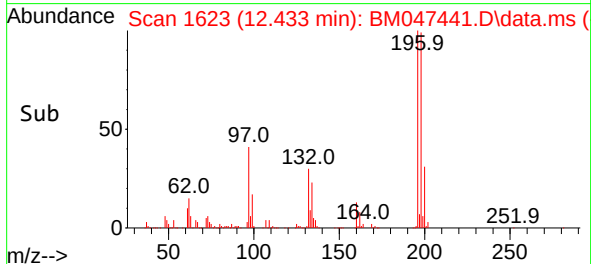
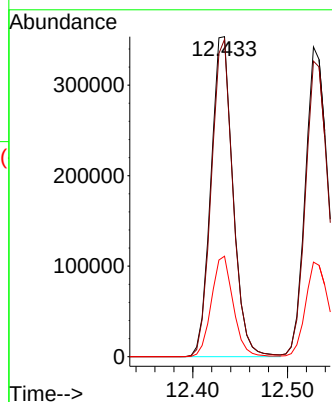
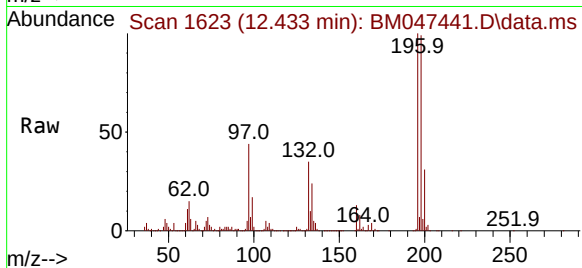
Tgt Ion:196 Resp: 574136

Ion Ratio Lower Upper

196 100

198 99.1 78.2 117.2

200 31.4 24.9 37.3



#44

2,4,5-Trichlorophenol

Concen: 55.483 ng

RT: 12.528 min Scan# 1639

Delta R.T. 0.018 min

Lab File: BM047441.D

Acq: 04 Sep 2024 16:43

Tgt Ion:196 Resp: 607125

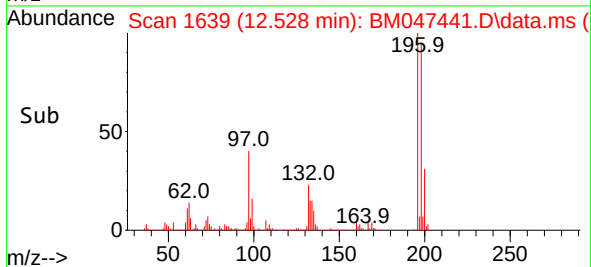
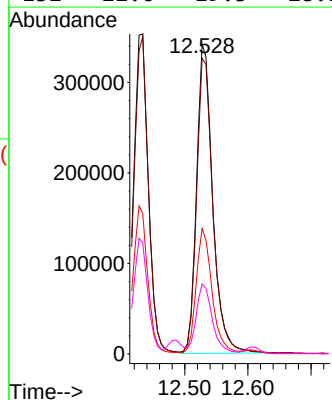
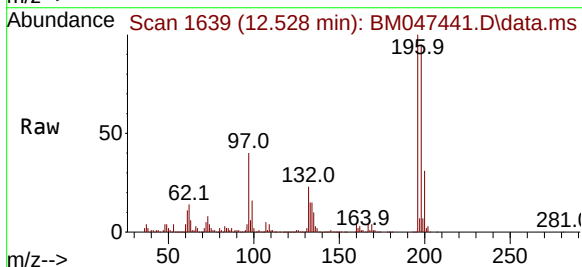
Ion Ratio Lower Upper

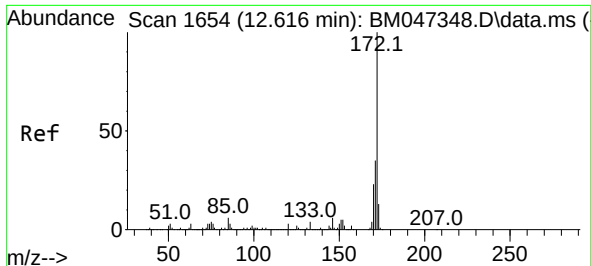
196 100

198 95.4 76.6 115.0

97 40.5 35.9 53.9

132 22.6 19.3 28.9

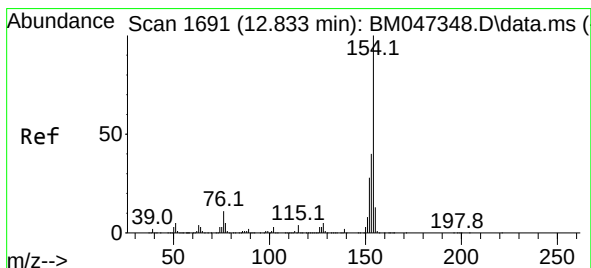
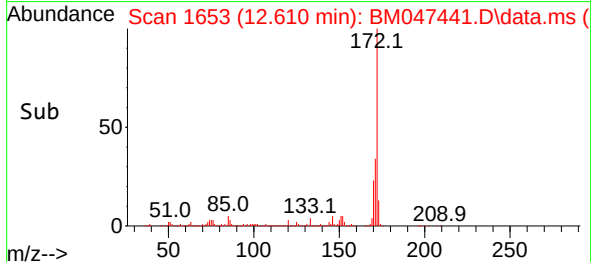
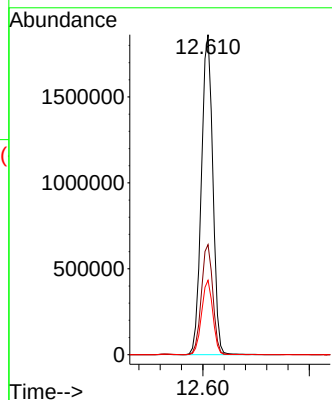
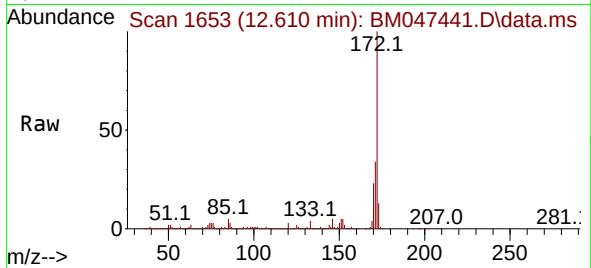




#45
2-Fluorobiphenyl
Concen: 87.839 ng
RT: 12.610 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM047441.D
Acq: 04 Sep 2024 16:43

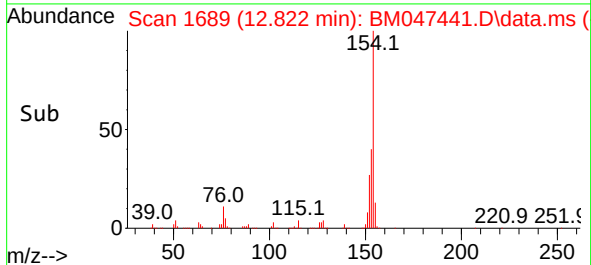
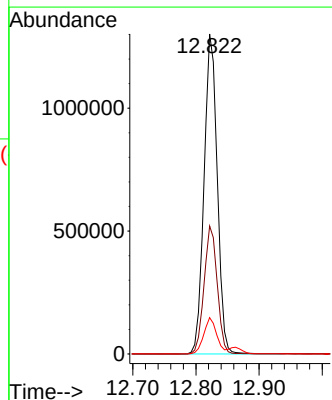
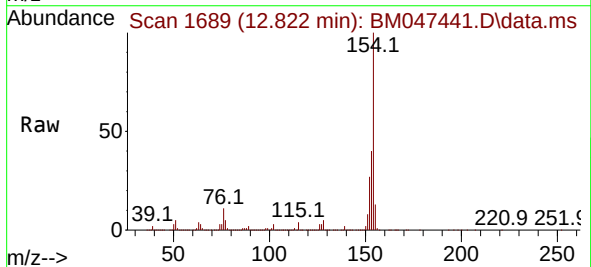
Instrument :
BNA_M
ClientSampleId :
DN-W-01(B-1)MSD

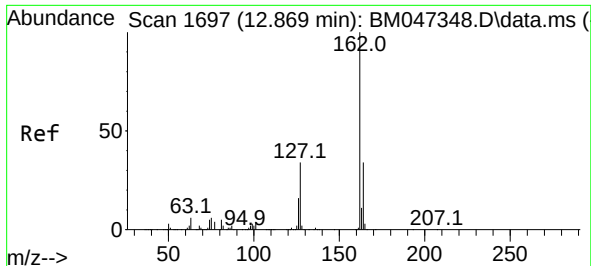
Tgt Ion:172 Resp: 2774848
Ion Ratio Lower Upper
172 100
171 34.4 27.8 41.6
170 23.2 18.5 27.7



#46
1,1'-Biphenyl
Concen: 55.728 ng
RT: 12.822 min Scan# 1689
Delta R.T. -0.012 min
Lab File: BM047441.D
Acq: 04 Sep 2024 16:43

Tgt Ion:154 Resp: 1888728
Ion Ratio Lower Upper
154 100
153 40.0 20.1 60.1
76 11.3 0.0 31.2

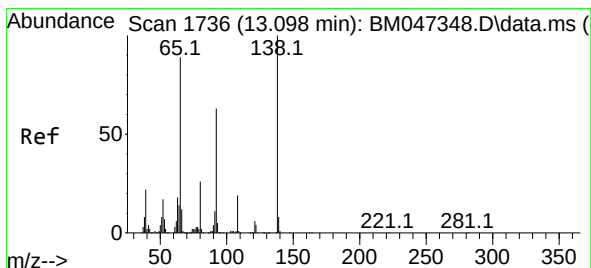
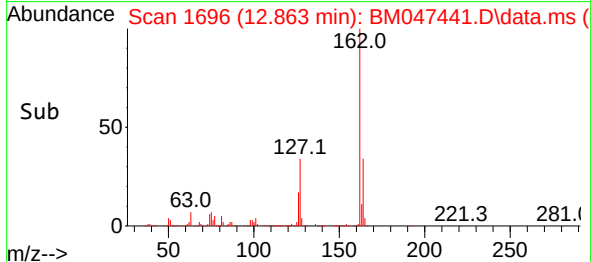
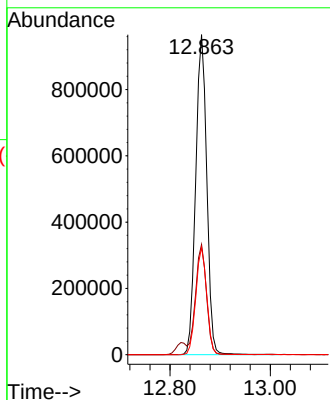
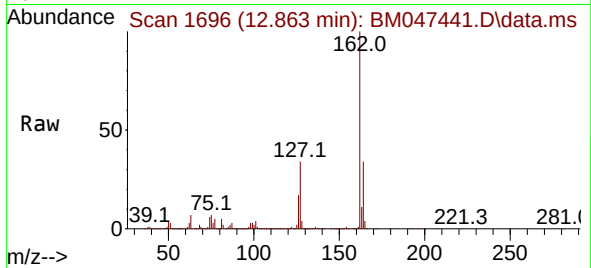




#47
2-Chloronaphthalene
Concen: 55.567 ng
RT: 12.863 min Scan# 1697
Delta R.T. -0.006 min
Lab File: BM047441.D
Acq: 04 Sep 2024 16:43

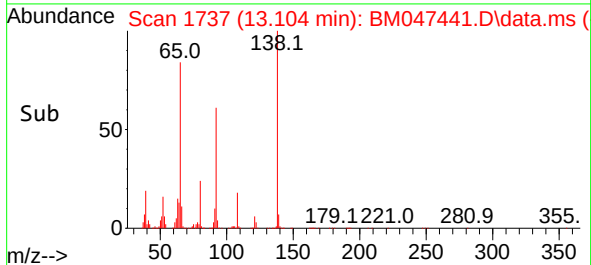
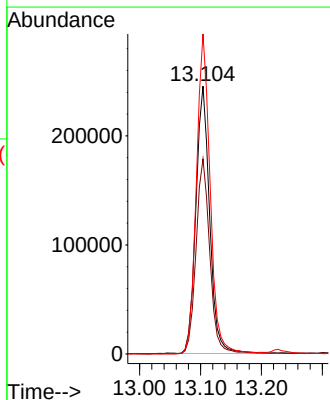
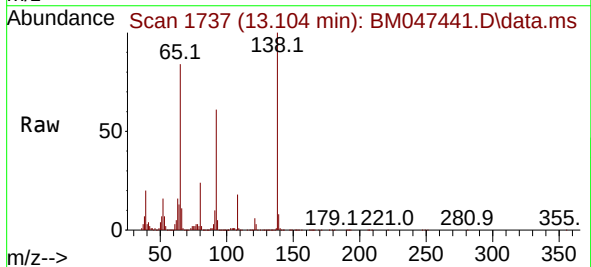
Instrument :
BNA_M
ClientSampleId :
DN-W-01(B-1)MSD

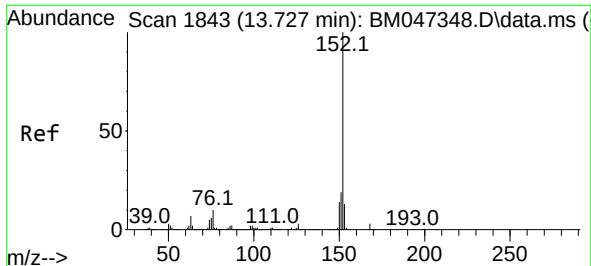
Tgt Ion:162 Resp: 1475855
Ion Ratio Lower Upper
162 100
127 34.4 28.3 42.5
164 33.6 27.0 40.4



#48
2-Nitroaniline
Concen: 51.794 ng
RT: 13.104 min Scan# 1737
Delta R.T. 0.006 min
Lab File: BM047441.D
Acq: 04 Sep 2024 16:43

Tgt Ion: 65 Resp: 385337
Ion Ratio Lower Upper
65 100
92 72.8 57.0 85.6
138 119.5 90.0 135.0

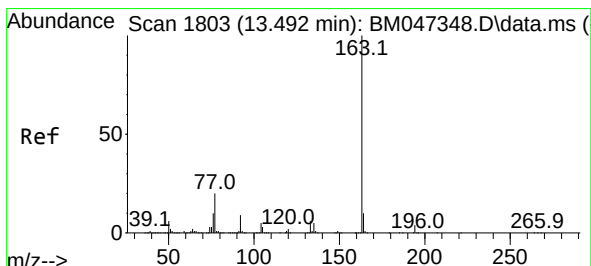
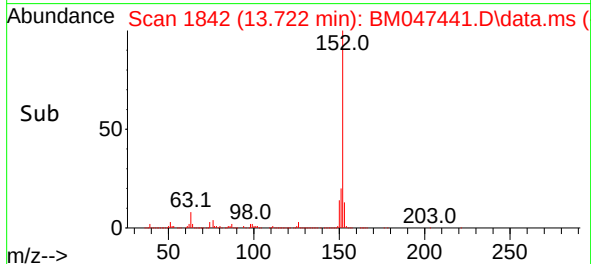
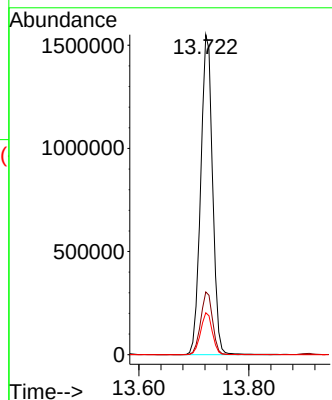
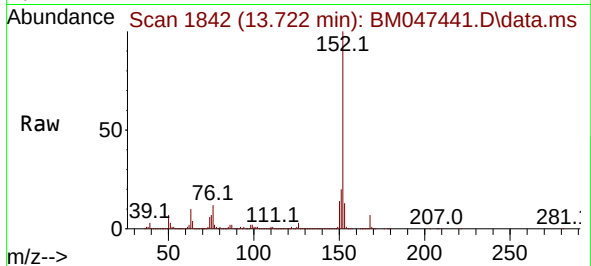




#49
Acenaphthylene
Concen: 60.252 ng
RT: 13.722 min Scan# 1843
Delta R.T. -0.006 min
Lab File: BM047441.D
Acq: 04 Sep 2024 16:43

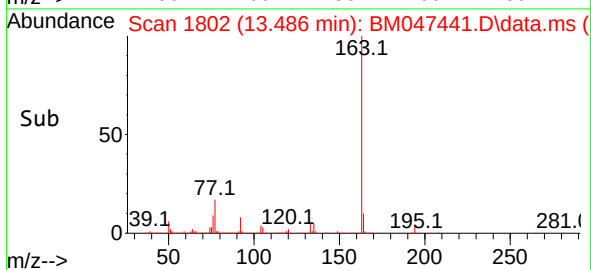
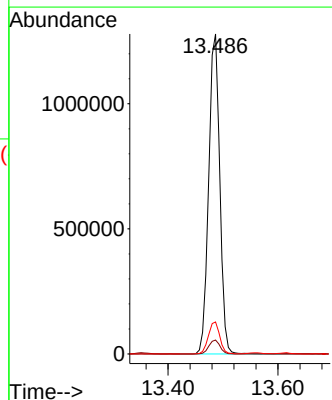
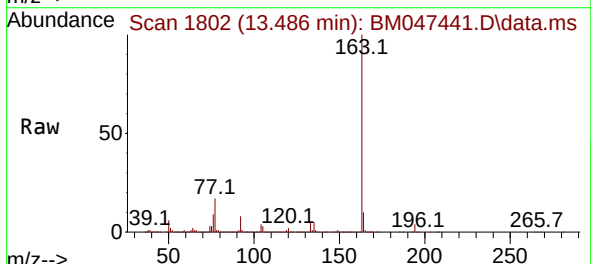
Instrument :
BNA_M
ClientSampleId :
DN-W-01(B-1)MSD

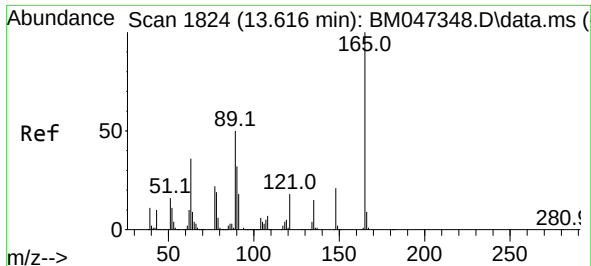
Tgt Ion:152 Resp: 2325826
Ion Ratio Lower Upper
152 100
151 19.6 15.4 23.0
153 13.1 10.6 15.8



#50
Dimethylphthalate
Concen: 53.347 ng
RT: 13.486 min Scan# 1802
Delta R.T. -0.006 min
Lab File: BM047441.D
Acq: 04 Sep 2024 16:43

Tgt Ion:163 Resp: 1784182
Ion Ratio Lower Upper
163 100
194 4.4 3.3 4.9
164 10.0 8.2 12.4

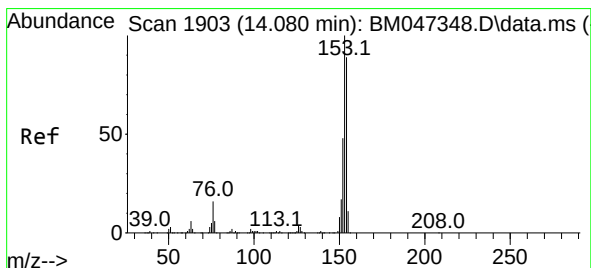
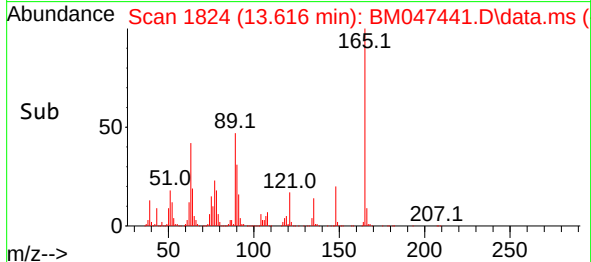
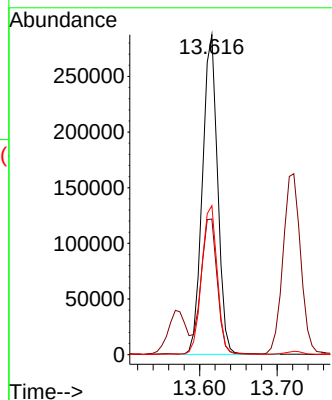
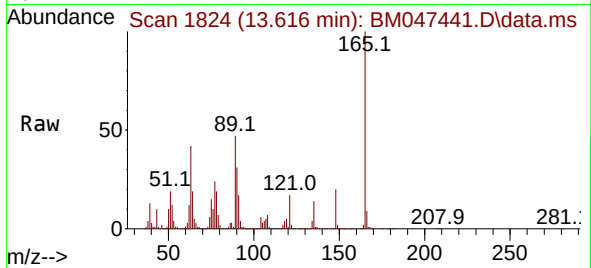




#51
2,6-Dinitrotoluene
Concen: 50.175 ng
RT: 13.616 min Scan# 11
Delta R.T. -0.000 min
Lab File: BM047441.D
Acq: 04 Sep 2024 16:43

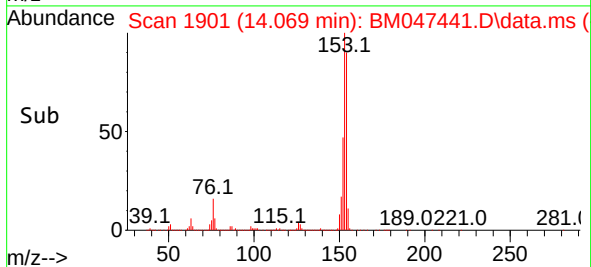
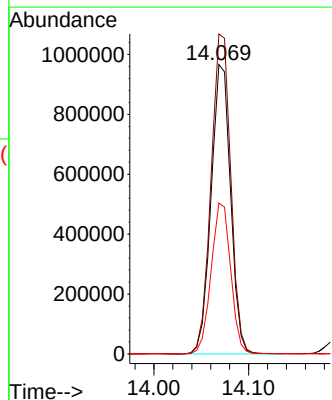
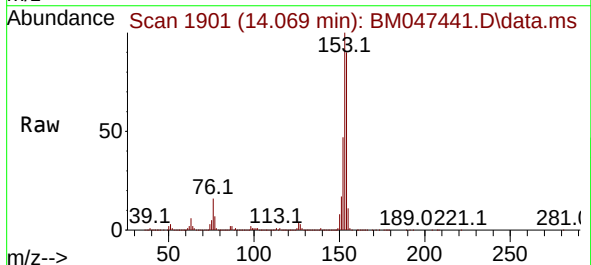
Instrument :
BNA_M
ClientSampleId :
DN-W-01(B-1)MSD

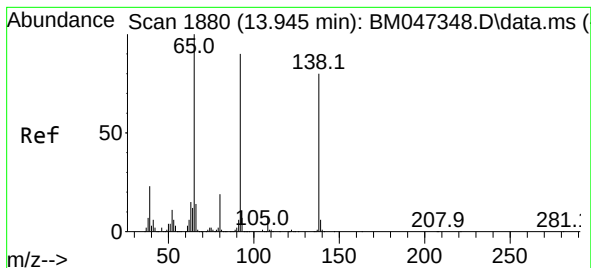
Tgt Ion:165 Resp: 390714
Ion Ratio Lower Upper
165 100
63 42.4 38.2 57.4
89 46.5 40.4 60.6



#52
Acenaphthene
Concen: 56.273 ng
RT: 14.069 min Scan# 1901
Delta R.T. -0.012 min
Lab File: BM047441.D
Acq: 04 Sep 2024 16:43

Tgt Ion:154 Resp: 1378957
Ion Ratio Lower Upper
154 100
153 110.6 89.5 134.3
152 52.1 43.0 64.4

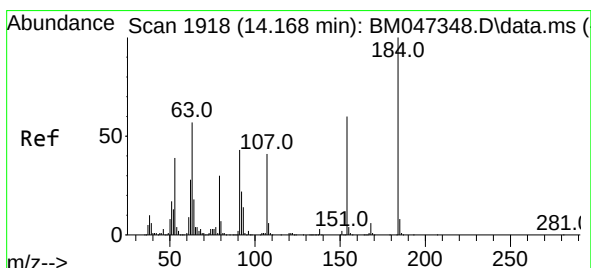
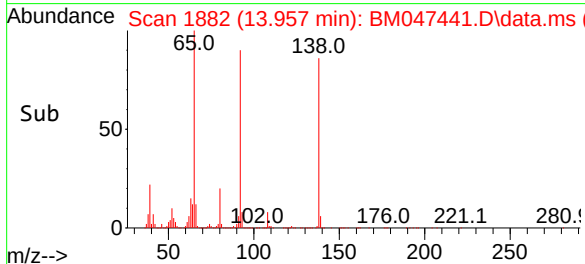
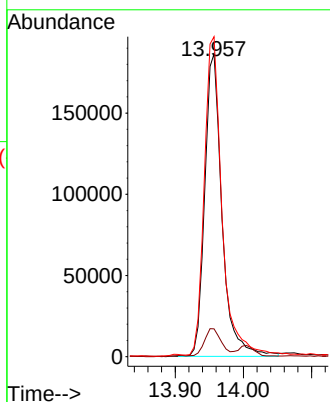
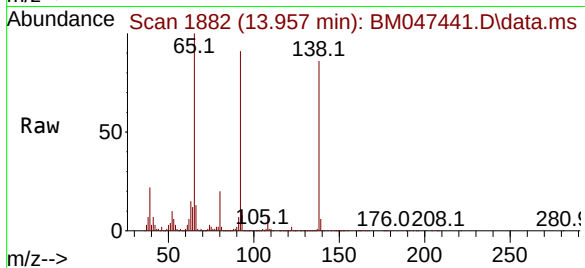




#53
3-Nitroaniline
Concen: 45.713 ng
RT: 13.957 min Scan# 11
Delta R.T. 0.012 min
Lab File: BM047441.D
Acq: 04 Sep 2024 16:43

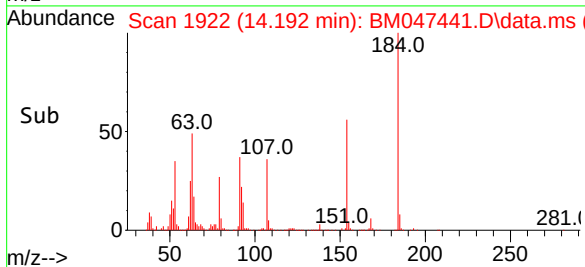
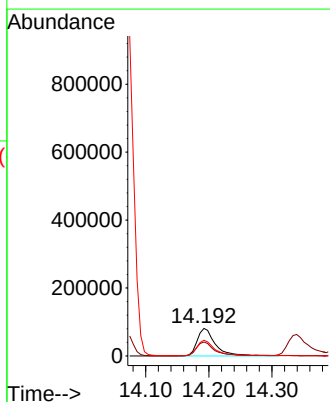
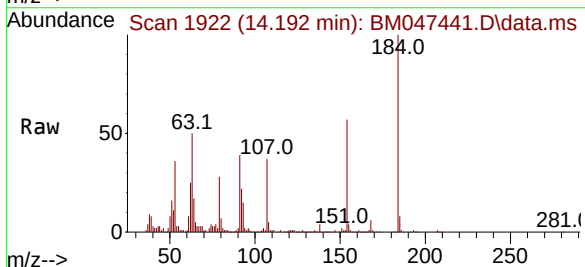
Instrument :
BNA_M
ClientSampleId :
DN-W-01(B-1)MSD

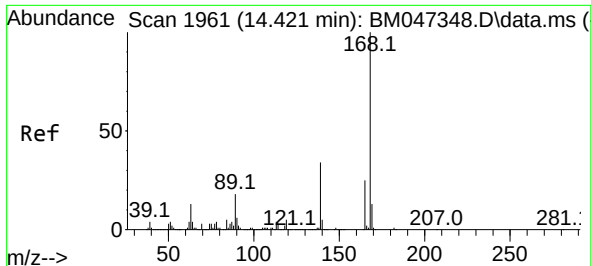
Tgt Ion:138 Resp: 328474
Ion Ratio Lower Upper
138 100
108 9.2 8.0 12.0
92 105.6 90.1 135.1



#54
2,4-Dinitrophenol
Concen: 34.034 ng
RT: 14.192 min Scan# 1922
Delta R.T. 0.024 min
Lab File: BM047441.D
Acq: 04 Sep 2024 16:43

Tgt Ion:184 Resp: 163210
Ion Ratio Lower Upper
184 100
63 50.3 45.7 68.5
154 56.7 48.5 72.7

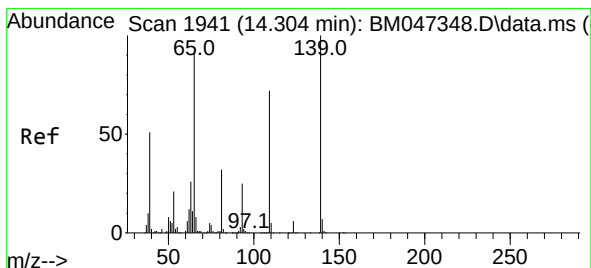
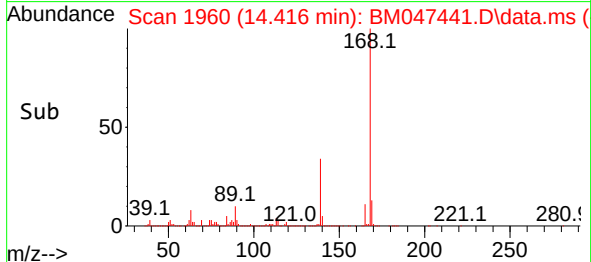
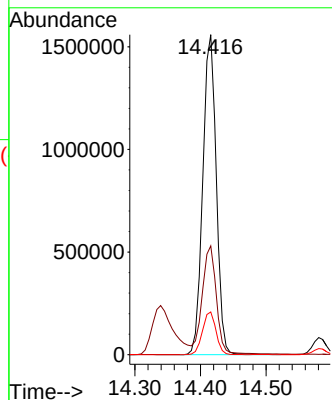
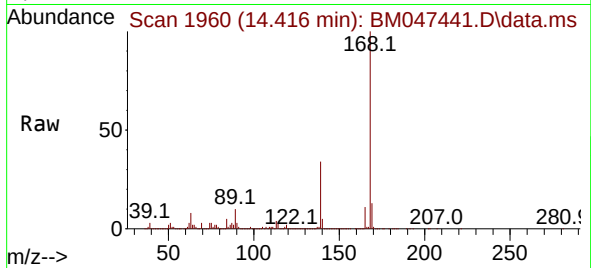




#55
Dibenzenofuran
Concen: 56.483 ng
RT: 14.416 min Scan# 1960
Delta R.T. -0.006 min
Lab File: BM047441.D
Acq: 04 Sep 2024 16:43

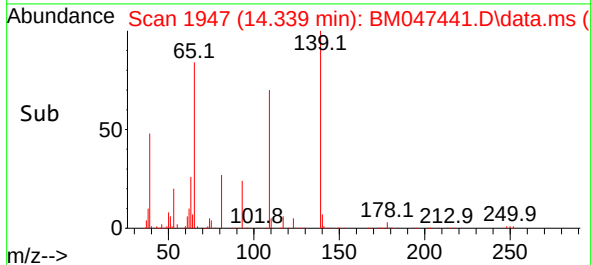
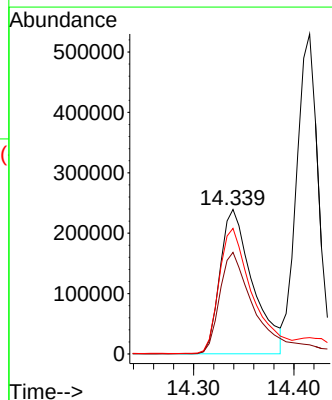
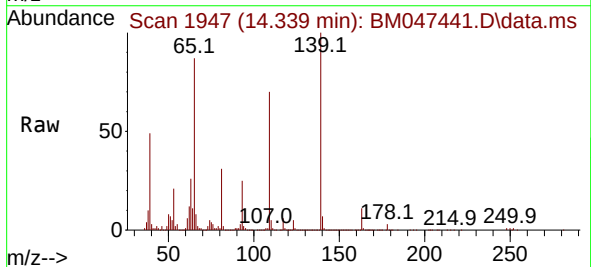
Instrument :
BNA_M
ClientSampleId :
DN-W-01(B-1)MSD

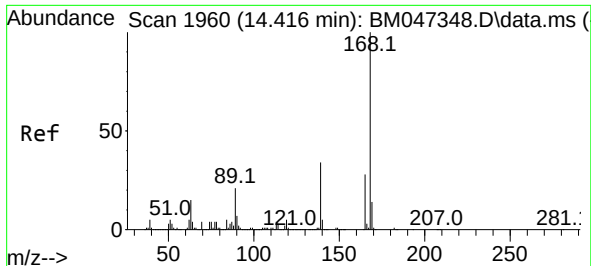
Tgt Ion:168 Resp: 2229426
Ion Ratio Lower Upper
168 100
139 34.0 27.5 41.3
169 13.3 10.5 15.7



#56
4-Nitrophenol
Concen: 96.174 ng
RT: 14.339 min Scan# 1947
Delta R.T. 0.035 min
Lab File: BM047441.D
Acq: 04 Sep 2024 16:43

Tgt Ion:139 Resp: 540181
Ion Ratio Lower Upper
139 100
109 70.3 51.6 91.6
65 86.8 71.7 111.7





#57

2,4-Dinitrotoluene

Concen: 52.045 ng

RT: 14.427 min Scan# 1960

Delta R.T. 0.012 min

Lab File: BM047441.D

Acq: 04 Sep 2024 16:43

Instrument :

BNA_M

ClientSampleId :

DN-W-01(B-1)MSD

Tgt Ion:165 Resp: 524630

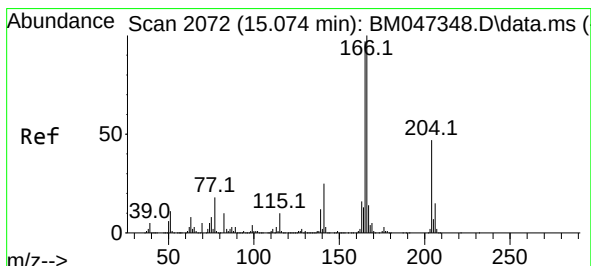
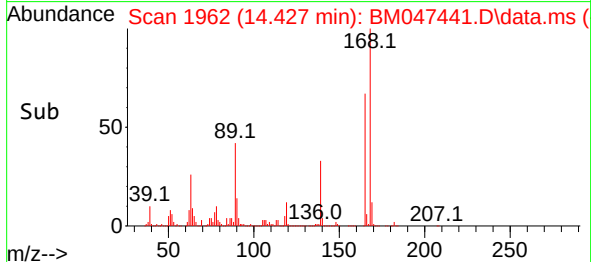
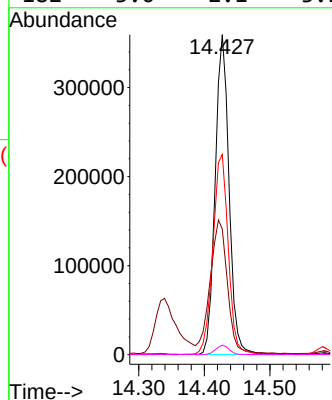
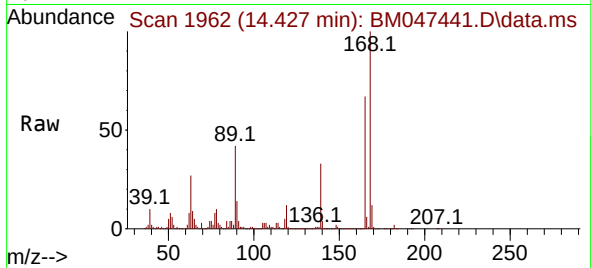
Ion Ratio Lower Upper

165 100

63 39.3 42.2 63.4#

89 62.5 59.3 88.9

182 3.0 2.1 3.1



#58

Fluorene

Concen: 54.383 ng

RT: 15.069 min Scan# 2071

Delta R.T. -0.006 min

Lab File: BM047441.D

Acq: 04 Sep 2024 16:43

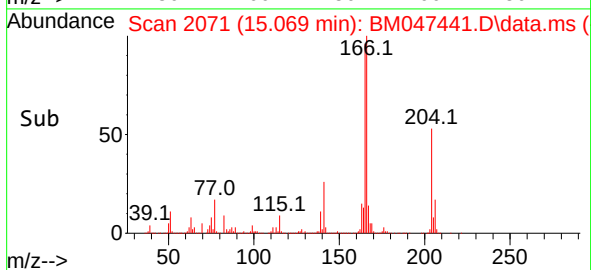
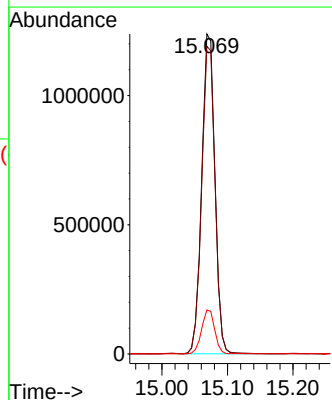
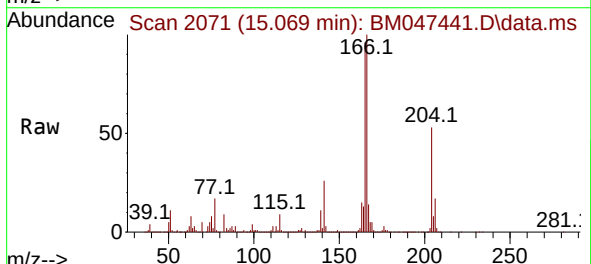
Tgt Ion:166 Resp: 1737227

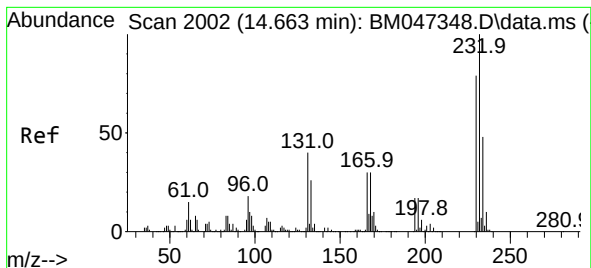
Ion Ratio Lower Upper

166 100

165 96.2 77.8 116.6

167 13.8 11.1 16.7

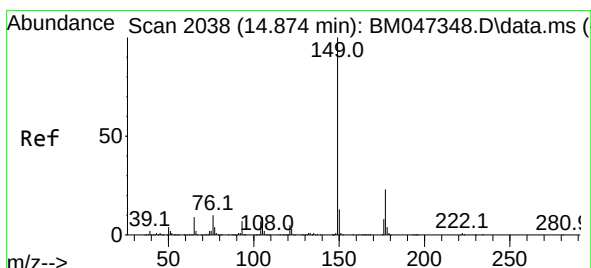
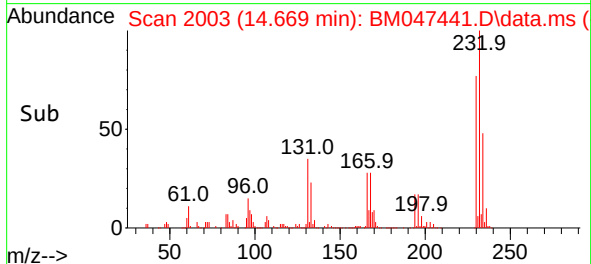
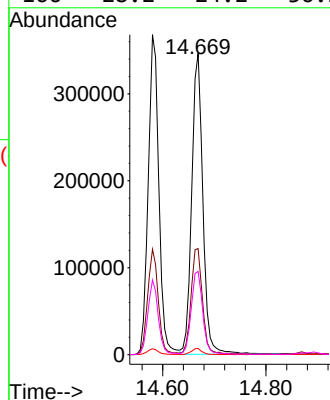
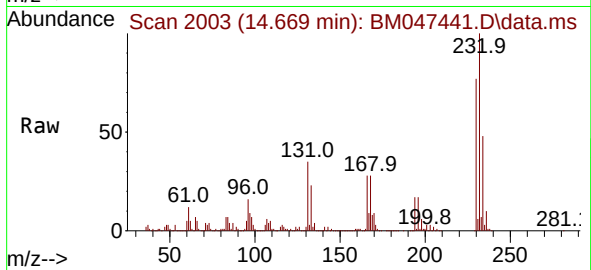




#59
2,3,4,6-Tetrachlorophenol
Concen: 57.588 ng
RT: 14.669 min Scan# 2002
Delta R.T. 0.006 min
Lab File: BM047441.D
Acq: 04 Sep 2024 16:43

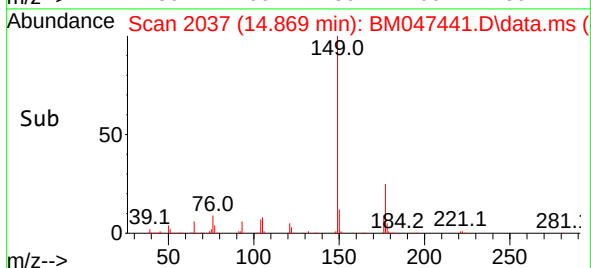
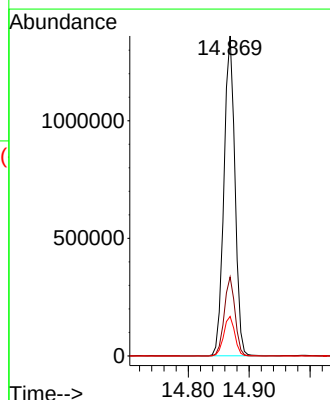
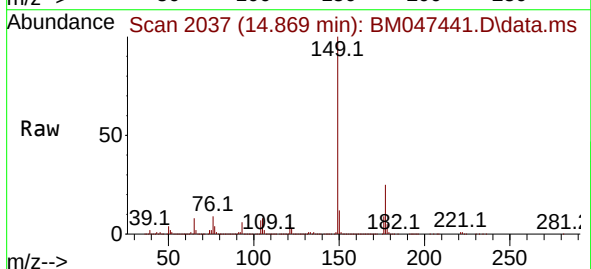
Instrument :
BNA_M
ClientSampleId :
DN-W-01(B-1)MSD

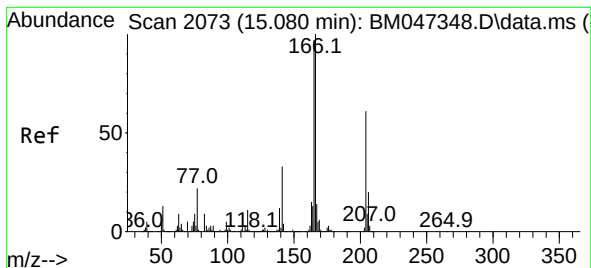
Tgt Ion:232 Resp: 517585
Ion Ratio Lower Upper
232 100
131 36.1 31.7 47.5
130 2.2 1.7 2.5
166 28.2 24.2 36.2



#60
Diethylphthalate
Concen: 51.656 ng
RT: 14.869 min Scan# 2037
Delta R.T. -0.006 min
Lab File: BM047441.D
Acq: 04 Sep 2024 16:43

Tgt Ion:149 Resp: 1704168
Ion Ratio Lower Upper
149 100
177 24.7 18.6 28.0
150 12.4 10.2 15.4

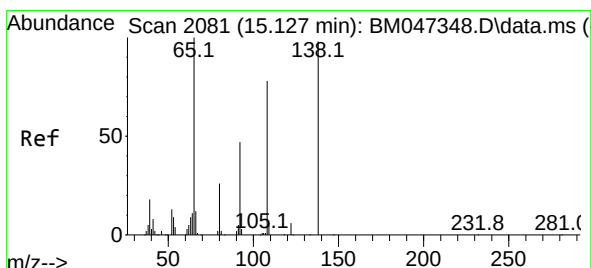
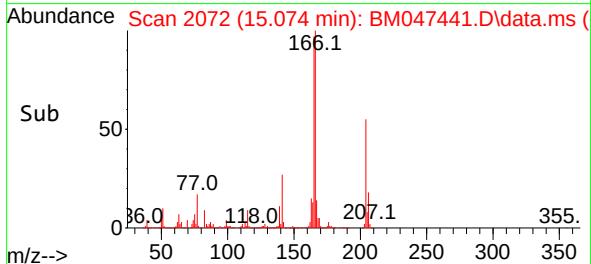
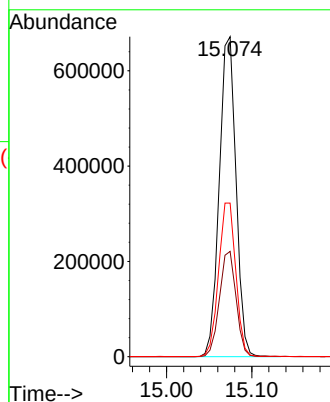
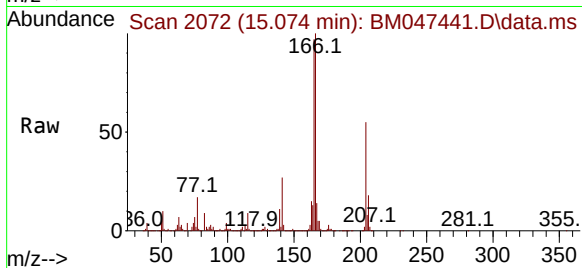




#61
4-Chlorophenyl-phenylether
Concen: 56.389 ng
RT: 15.074 min Scan# 2073
Delta R.T. -0.006 min
Lab File: BM047441.D
Acq: 04 Sep 2024 16:43

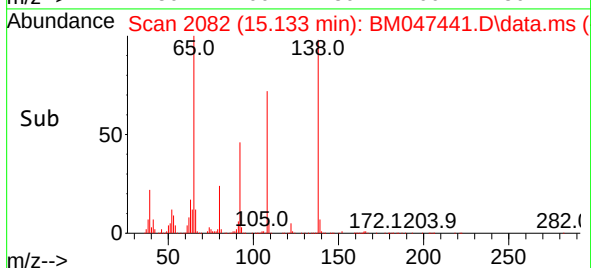
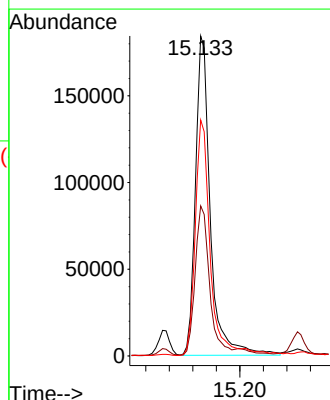
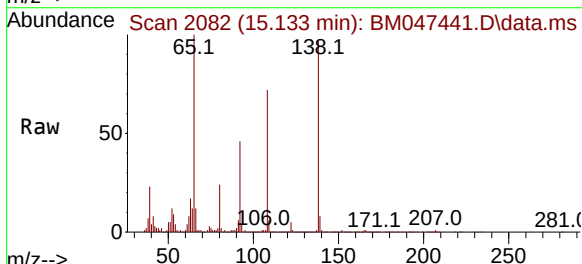
Instrument :
BNA_M
ClientSampleId :
DN-W-01(B-1)MSD

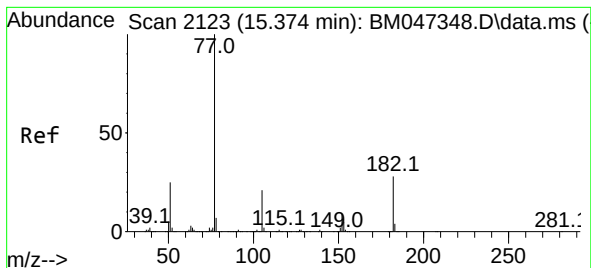
Tgt Ion:204 Resp: 916339
Ion Ratio Lower Upper
204 100
206 32.9 26.5 39.7
141 48.0 42.8 64.2



#62
4-Nitroaniline
Concen: 48.614 ng
RT: 15.133 min Scan# 2082
Delta R.T. 0.006 min
Lab File: BM047441.D
Acq: 04 Sep 2024 16:43

Tgt Ion:138 Resp: 323139
Ion Ratio Lower Upper
138 100
92 46.9 27.9 67.9
108 73.7 58.7 98.7





#63

Azobenzene

Concen: 53.271 ng

RT: 15.369 min Scan# 2122

Delta R.T. -0.006 min

Lab File: BM047441.D

Acq: 04 Sep 2024 16:43

Instrument :

BNA_M

ClientSampleId :

DN-W-01(B-1)MSD

Tgt Ion: 77 Resp: 1530397

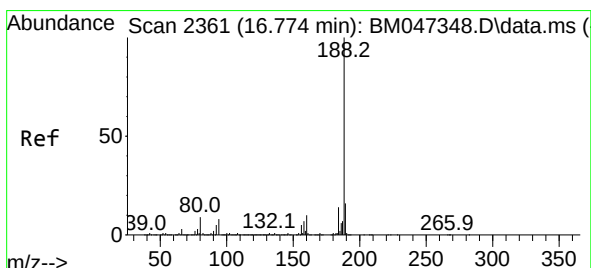
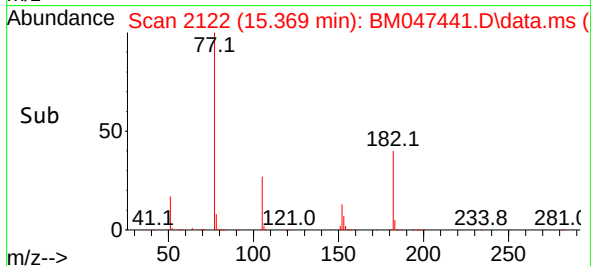
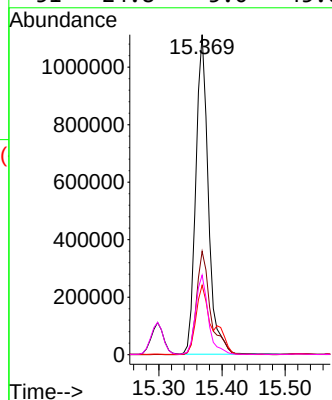
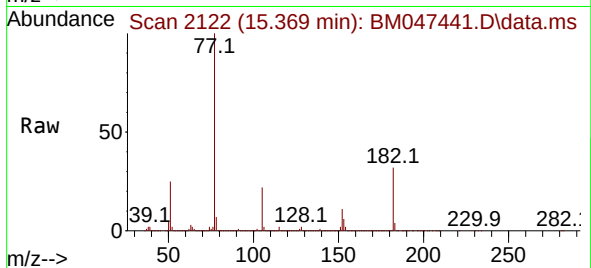
Ion Ratio Lower Upper

77 100

182 32.3 7.9 47.9

105 21.7 0.6 40.6

51 24.8 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: BM047441.D

Acq: 04 Sep 2024 16:43

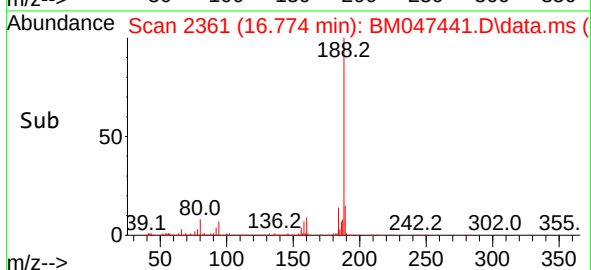
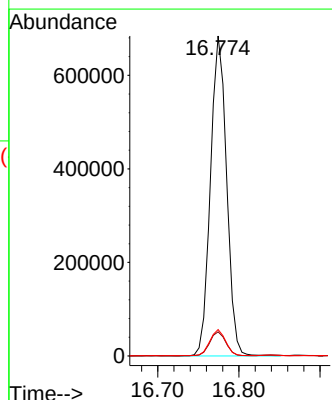
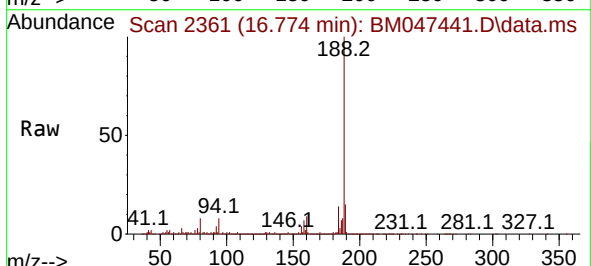
Tgt Ion:188 Resp: 945169

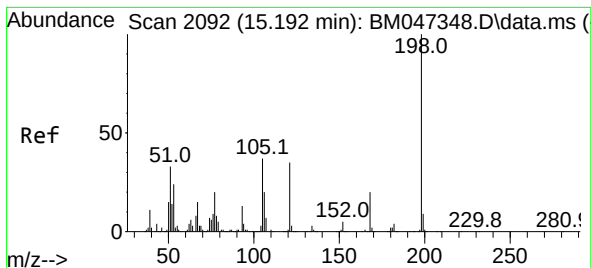
Ion Ratio Lower Upper

188 100

94 7.5 6.4 9.6

80 8.2 7.4 11.2

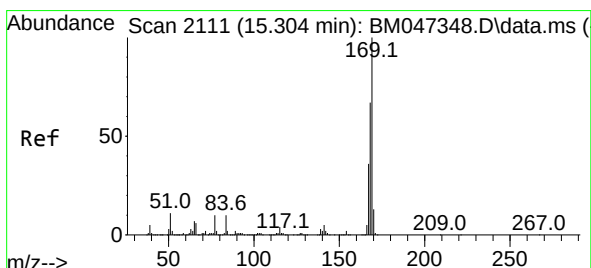
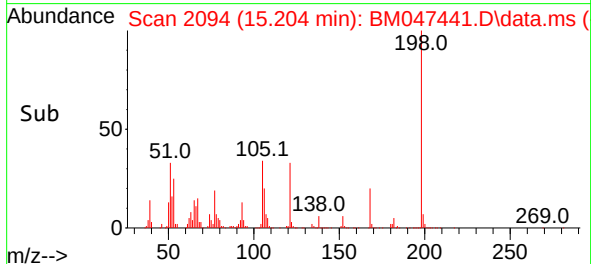
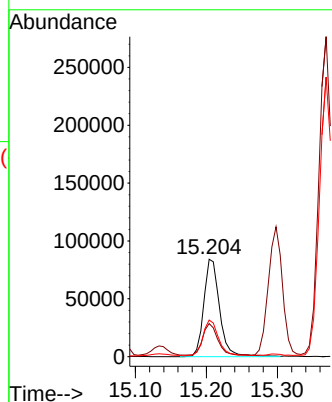
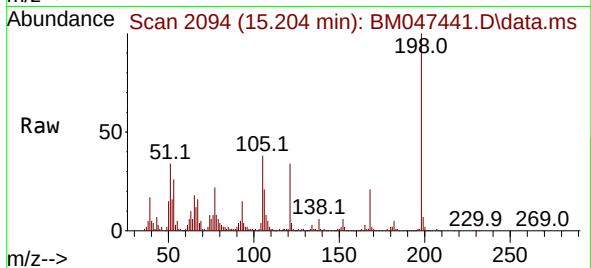




#65
4,6-Dinitro-2-methylphenol
Concen: 22.476 ng
RT: 15.204 min Scan# 2094
Delta R.T. 0.012 min
Lab File: BM047441.D
Acq: 04 Sep 2024 16:43

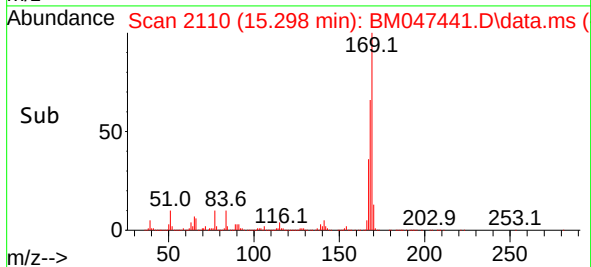
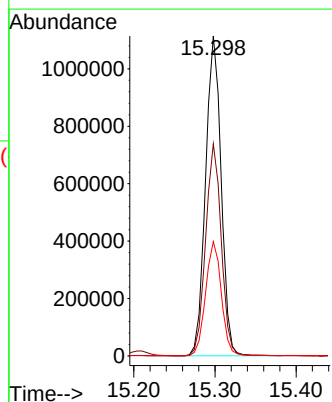
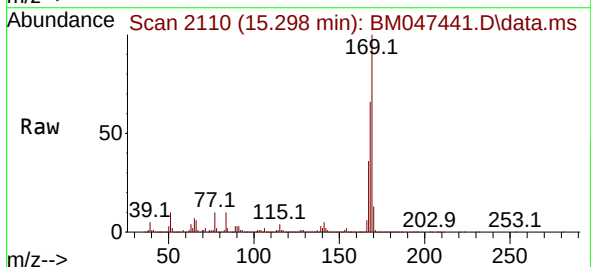
Instrument :
BNA_M
ClientSampleId :
DN-W-01(B-1)MSD

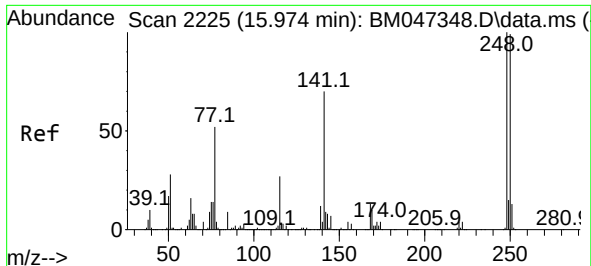
Tgt Ion:198 Resp: 130385
Ion Ratio Lower Upper
198 100
51 34.0 14.1 54.1
105 37.6 17.0 57.0



#66
n-Nitrosodiphenylamine
Concen: 57.379 ng
RT: 15.298 min Scan# 2110
Delta R.T. -0.006 min
Lab File: BM047441.D
Acq: 04 Sep 2024 16:43

Tgt Ion:169 Resp: 1483954
Ion Ratio Lower Upper
169 100
168 66.3 53.4 80.0
167 35.8 29.0 43.4

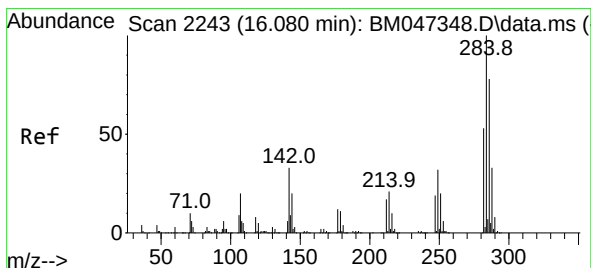
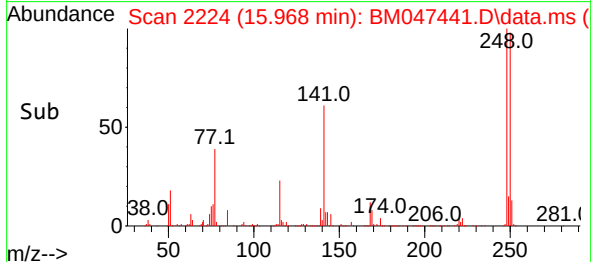
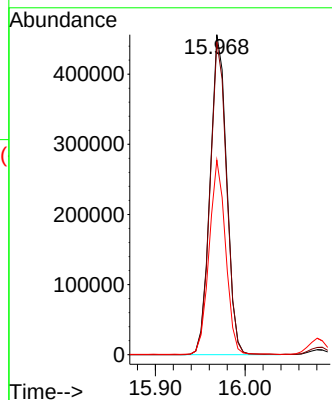
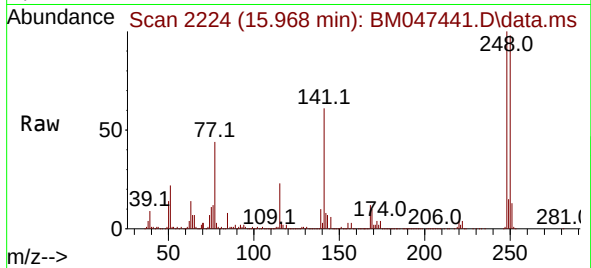




#67
4-Bromophenyl-phenylether
Concen: 58.713 ng
RT: 15.968 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM047441.D
Acq: 04 Sep 2024 16:43

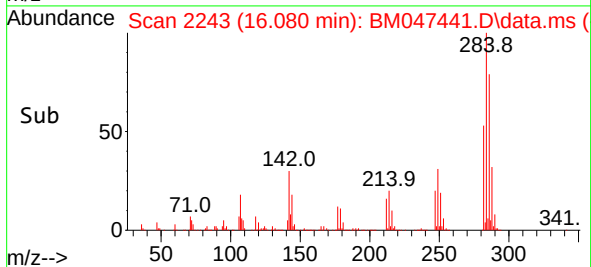
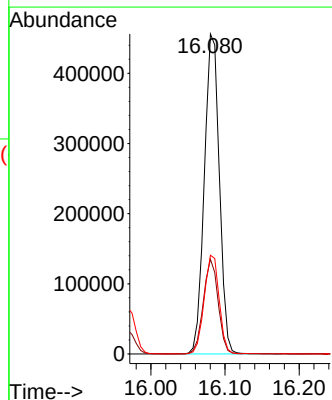
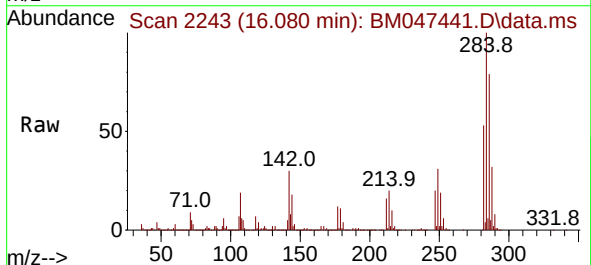
Instrument :
BNA_M
ClientSampleId :
DN-W-01(B-1)MSD

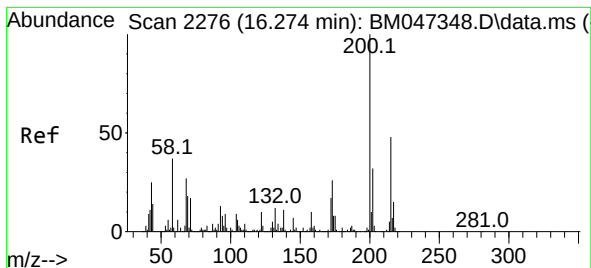
Tgt Ion:248 Resp: 585432
Ion Ratio Lower Upper
248 100
250 97.8 78.8 118.2
141 60.8 55.9 83.9



#68
Hexachlorobenzene
Concen: 55.882 ng
RT: 16.080 min Scan# 2243
Delta R.T. 0.000 min
Lab File: BM047441.D
Acq: 04 Sep 2024 16:43

Tgt Ion:284 Resp: 643563
Ion Ratio Lower Upper
284 100
142 29.6 26.5 39.7
249 30.9 25.5 38.3





#69

Atrazine

Concen: 62.535 ng

RT: 16.274 min Scan# 21

Delta R.T. 0.000 min

Lab File: BM047441.D

Acq: 04 Sep 2024 16:43

Instrument :

BNA_M

ClientSampleId :

DN-W-01(B-1)MSD

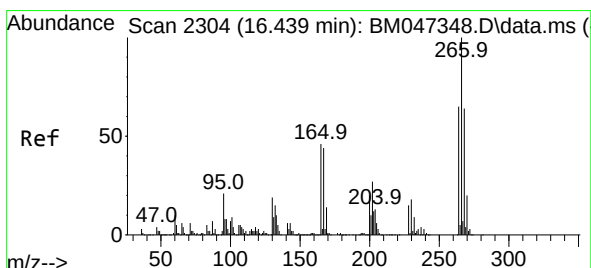
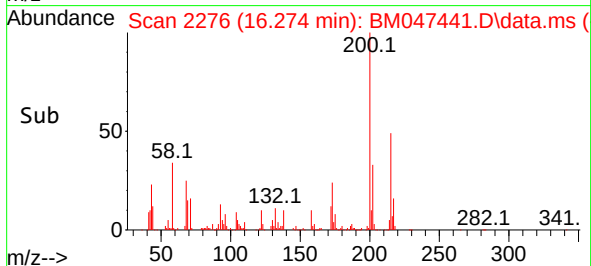
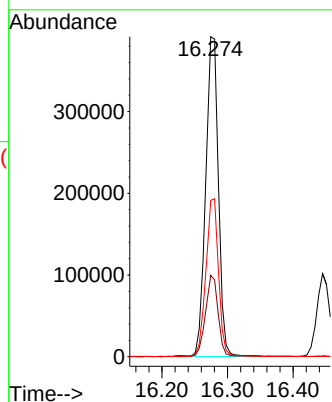
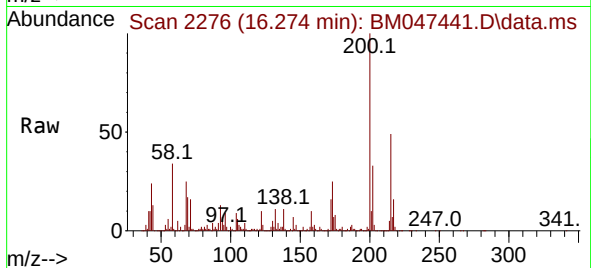
Tgt Ion:200 Resp: 528639

Ion Ratio Lower Upper

200 100

173 25.4 5.8 45.8

215 48.9 28.3 68.3



#70

Pentachlorophenol

Concen: 108.635 ng

RT: 16.445 min Scan# 2305

Delta R.T. 0.006 min

Lab File: BM047441.D

Acq: 04 Sep 2024 16:43

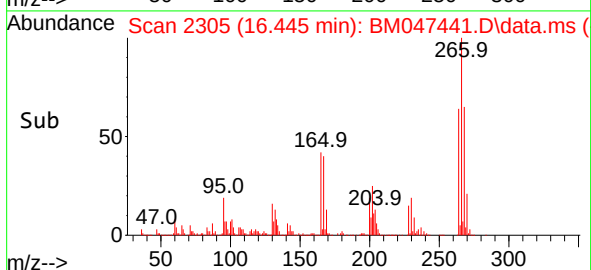
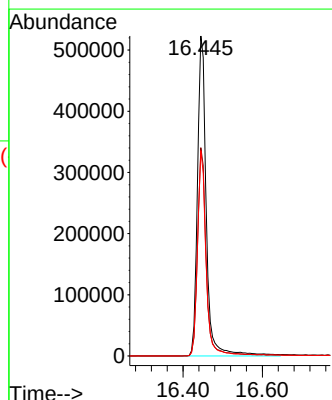
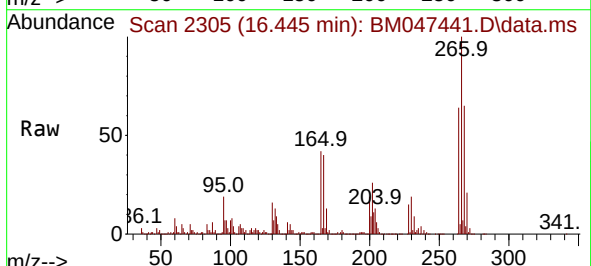
Tgt Ion:266 Resp: 808873

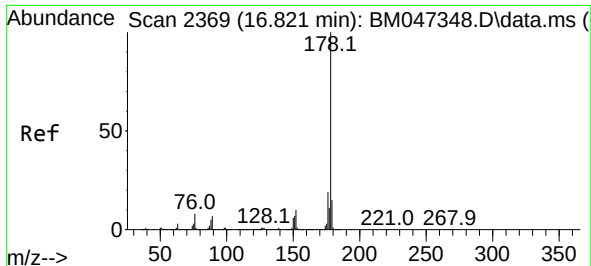
Ion Ratio Lower Upper

266 100

268 65.1 51.0 76.6

264 64.2 51.9 77.9

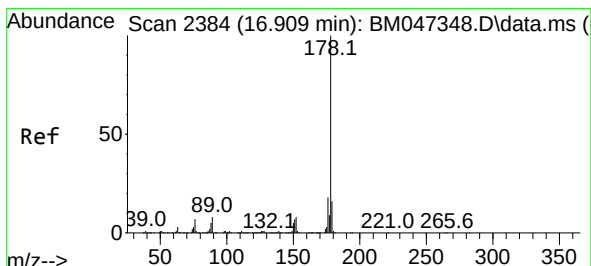
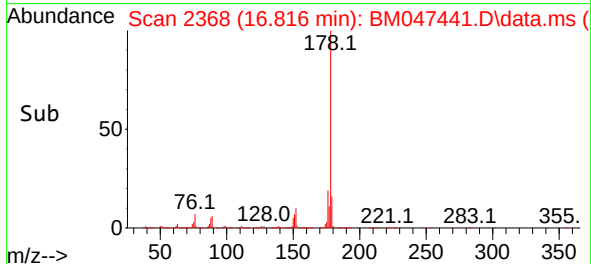
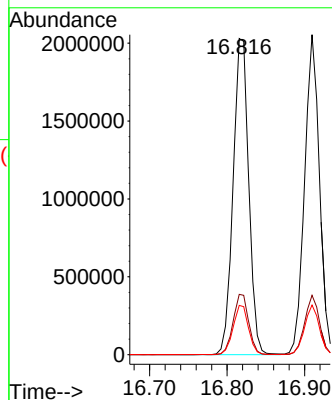
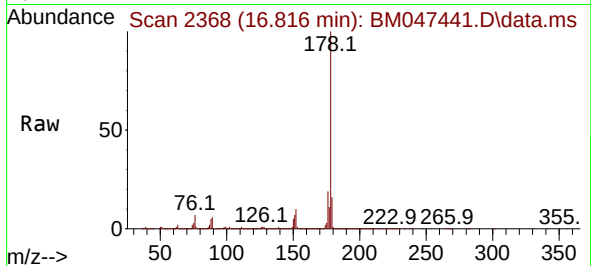




#71
Phenanthrene
Concen: 62.137 ng
RT: 16.816 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM047441.D
Acq: 04 Sep 2024 16:43

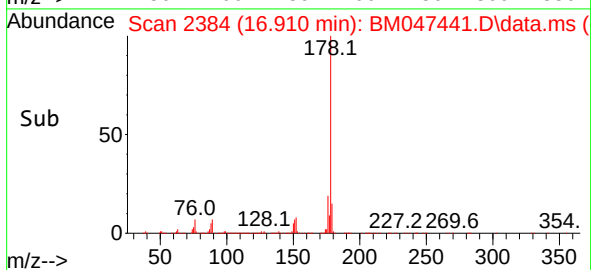
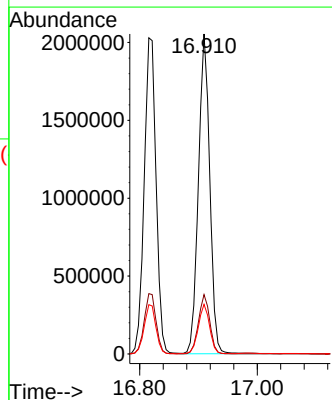
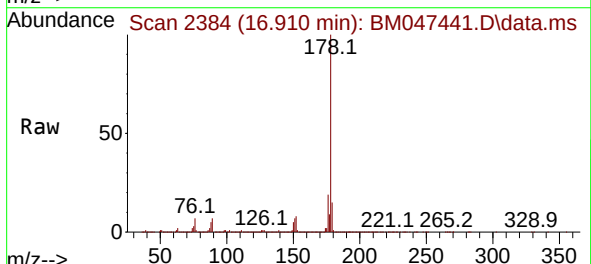
Instrument :
BNA_M
ClientSampleId :
DN-W-01(B-1)MSD

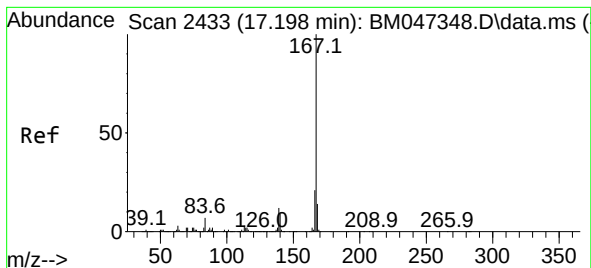
Tgt Ion:178 Resp: 2852169
Ion Ratio Lower Upper
178 100
176 19.1 15.2 22.8
179 15.6 12.2 18.4



#72
Anthracene
Concen: 61.479 ng
RT: 16.910 min Scan# 2384
Delta R.T. 0.000 min
Lab File: BM047441.D
Acq: 04 Sep 2024 16:43

Tgt Ion:178 Resp: 2750984
Ion Ratio Lower Upper
178 100
176 18.6 14.7 22.1
179 15.5 12.6 18.8





#73

Carbazole

Concen: 55.372 ng

RT: 17.198 min Scan# 24

Delta R.T. 0.000 min

Lab File: BM047441.D

Acq: 04 Sep 2024 16:43

Instrument :

BNA_M

ClientSampleId :

DN-W-01(B-1)MSD

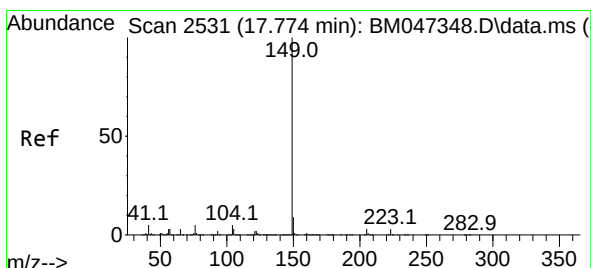
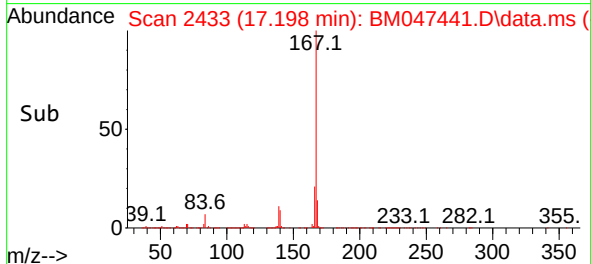
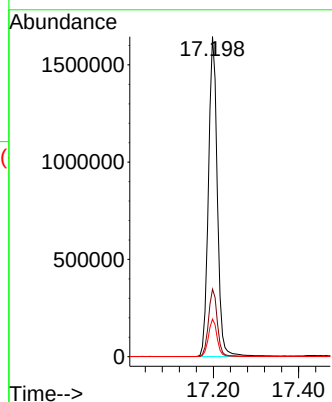
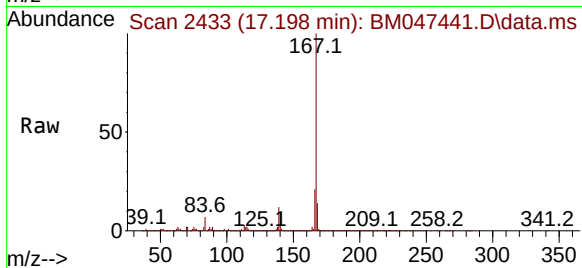
Tgt Ion:167 Resp: 2377629

Ion Ratio Lower Upper

167 100

166 21.1 16.9 25.3

139 11.8 9.5 14.3



#74

Di-n-butylphthalate

Concen: 53.856 ng

RT: 17.768 min Scan# 2530

Delta R.T. -0.006 min

Lab File: BM047441.D

Acq: 04 Sep 2024 16:43

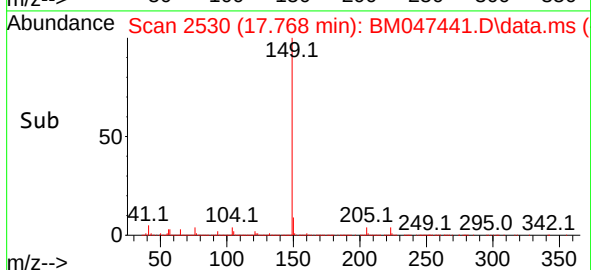
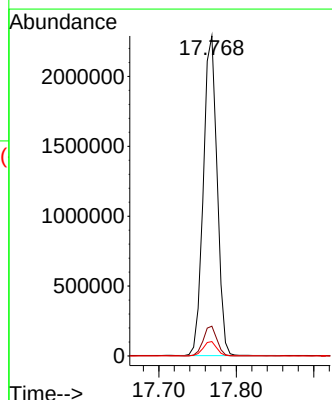
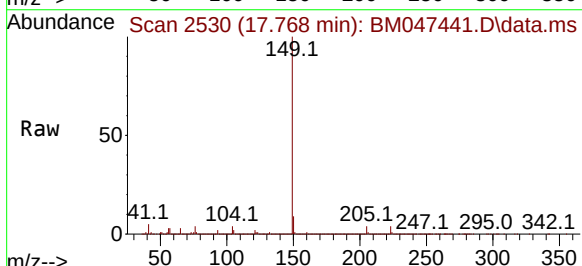
Tgt Ion:149 Resp: 2815960

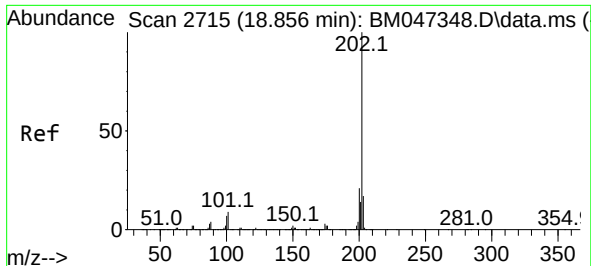
Ion Ratio Lower Upper

149 100

150 9.3 7.4 11.0

104 4.5 3.8 5.6

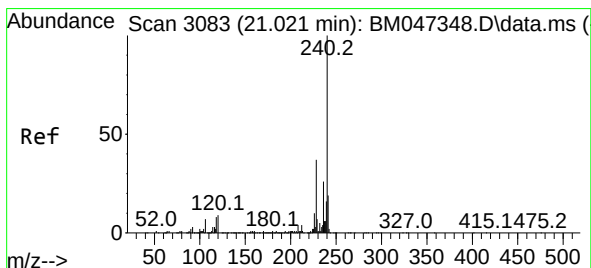
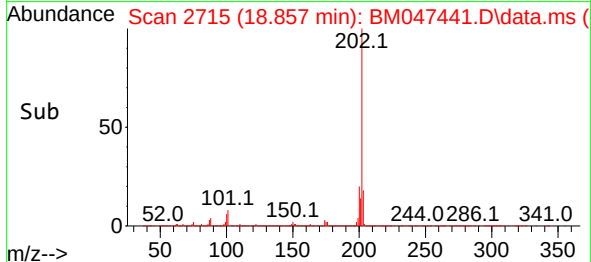
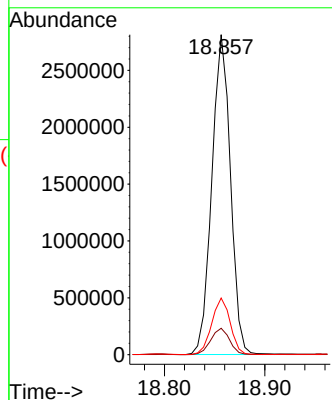
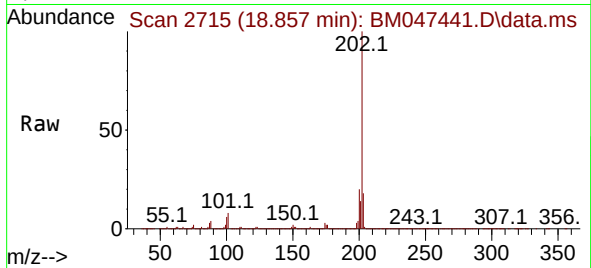




#75
 Fluoranthene
 Concen: 67.431 ng
 RT: 18.857 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BM047441.D
 Acq: 04 Sep 2024 16:43

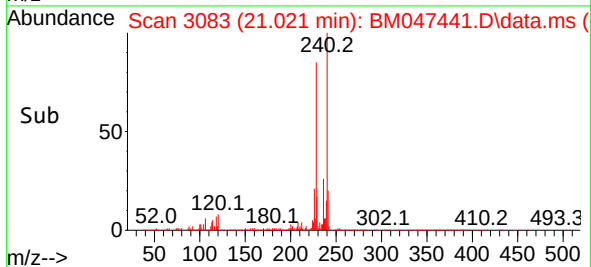
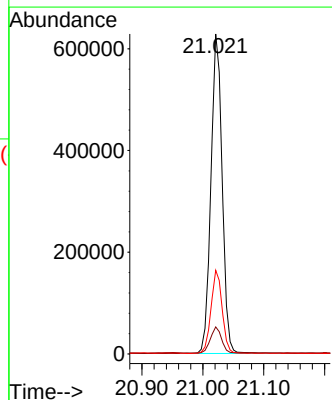
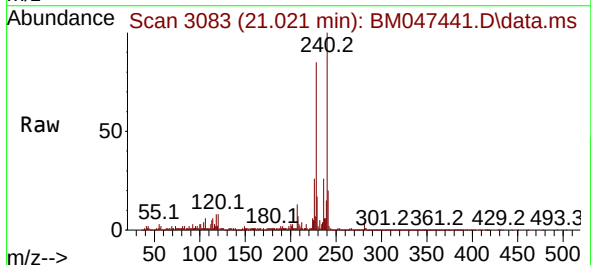
Instrument :
 BNA_M
 ClientSampleId :
 DN-W-01(B-1)MSD

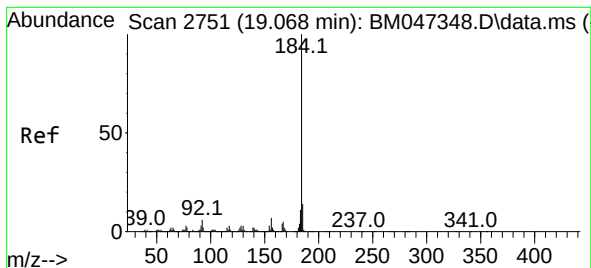
Tgt Ion:202 Resp: 3634321
 Ion Ratio Lower Upper
 202 100
 101 8.2 0.0 29.0
 203 17.7 0.0 37.5



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.021 min Scan# 3083
 Delta R.T. 0.000 min
 Lab File: BM047441.D
 Acq: 04 Sep 2024 16:43

Tgt Ion:240 Resp: 805183
 Ion Ratio Lower Upper
 240 100
 120 8.4 7.4 11.0
 236 26.2 20.8 31.2





#77

Benzidine

Concen: 4.918 ng

RT: 19.074 min Scan# 21

Delta R.T. 0.006 min

Lab File: BM047441.D

Acq: 04 Sep 2024 16:43

Instrument :

BNA_M

ClientSampleId :

DN-W-01(B-1)MSD

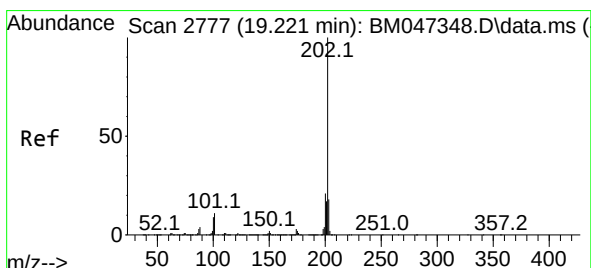
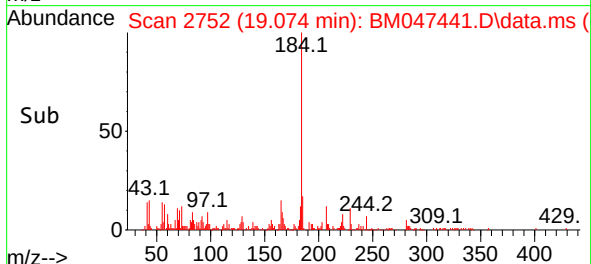
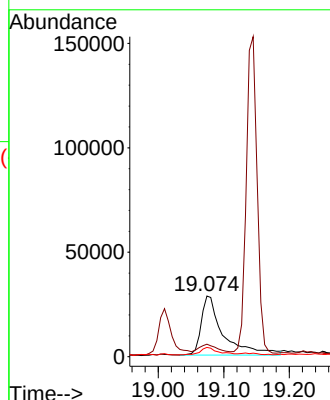
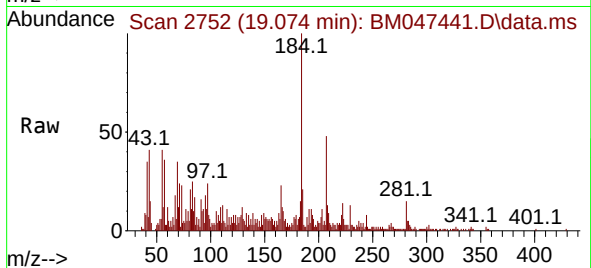
Tgt Ion:184 Resp: 66097

Ion Ratio Lower Upper

184 100

185 20.5 11.5 17.3#

183 15.5 9.2 13.8#



#78

Pyrene

Concen: 60.432 ng

RT: 19.221 min Scan# 2777

Delta R.T. 0.000 min

Lab File: BM047441.D

Acq: 04 Sep 2024 16:43

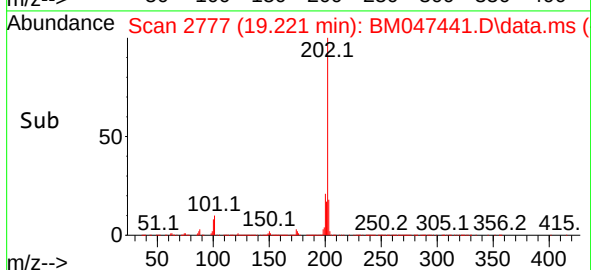
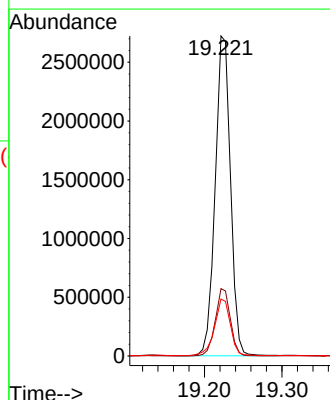
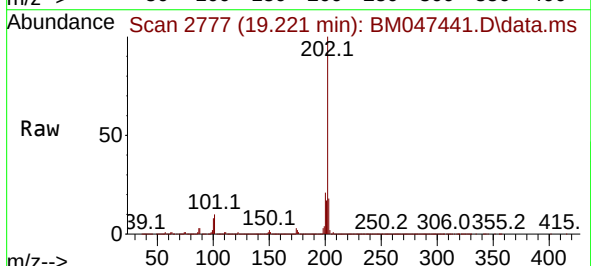
Tgt Ion:202 Resp: 3731957

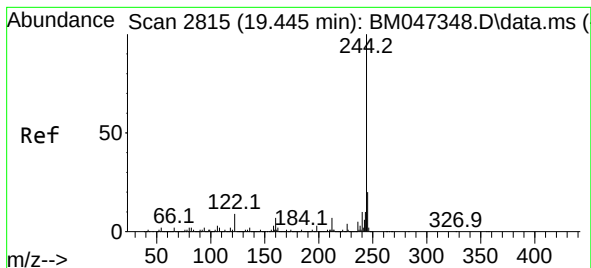
Ion Ratio Lower Upper

202 100

200 21.1 16.7 25.1

203 17.8 14.2 21.4





#79

Terphenyl-d14

Concen: 78.705 ng

RT: 19.439 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM047441.D

Acq: 04 Sep 2024 16:43

Instrument :

BNA_M

ClientSampleId :

DN-W-01(B-1)MSD

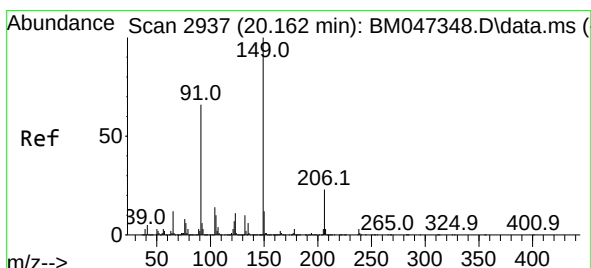
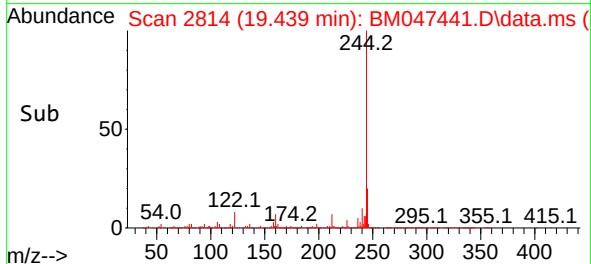
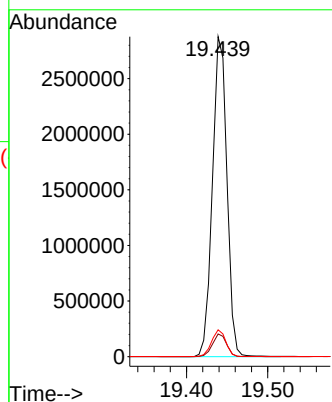
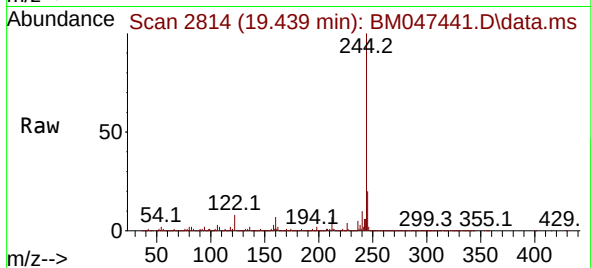
Tgt Ion:244 Resp: 3560325

Ion Ratio Lower Upper

244 100

212 7.1 6.0 9.0

122 8.4 7.0 10.4



#80

Butylbenzylphthalate

Concen: 51.675 ng

RT: 20.156 min Scan# 2936

Delta R.T. -0.006 min

Lab File: BM047441.D

Acq: 04 Sep 2024 16:43

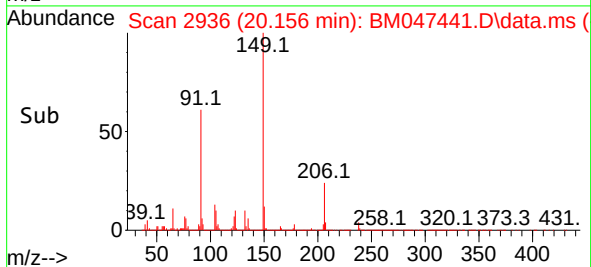
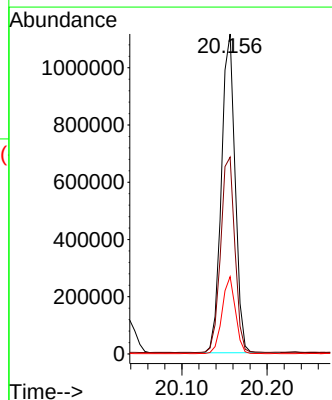
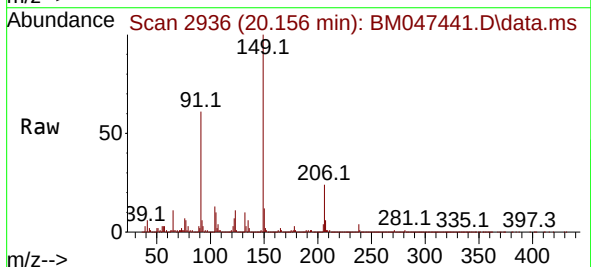
Tgt Ion:149 Resp: 1248790

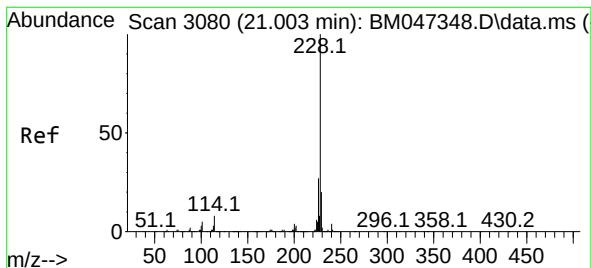
Ion Ratio Lower Upper

149 100

91 61.5 52.6 79.0

206 24.2 18.2 27.2





#81

Benzo(a)anthracene

Concen: 61.670 ng

RT: 21.009 min Scan# 3080

Delta R.T. 0.006 min

Lab File: BM047441.D

Acq: 04 Sep 2024 16:43

Instrument :

BNA_M

ClientSampleId :

DN-W-01(B-1)MSD

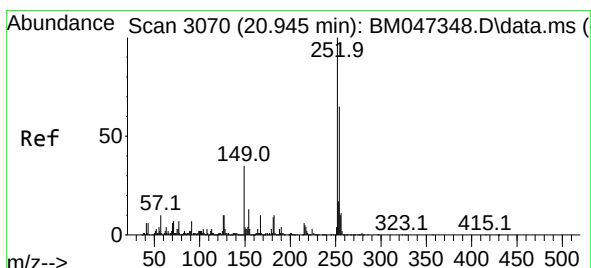
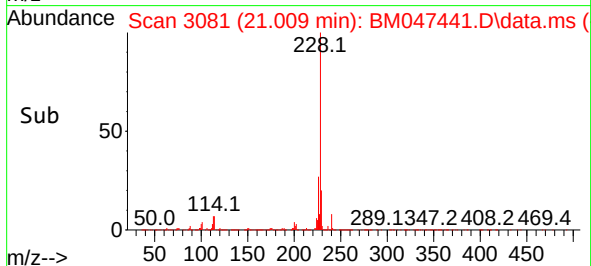
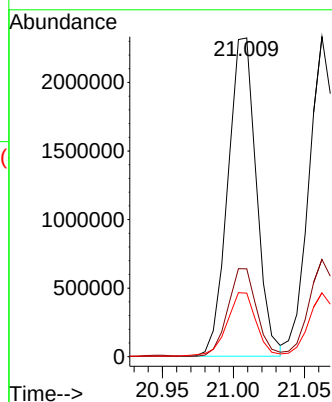
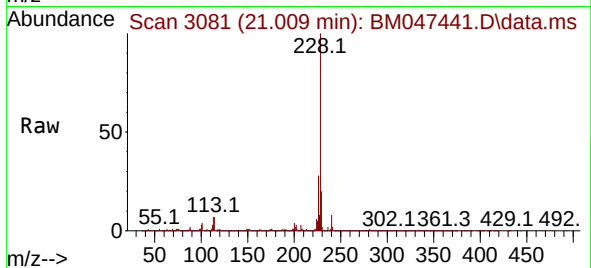
Tgt Ion:228 Resp: 3238193

Ion Ratio Lower Upper

228 100

226 27.6 21.4 32.0

229 19.9 15.8 23.8



#82

3,3'-Dichlorobenzidine

Concen: 40.637 ng

RT: 20.945 min Scan# 3070

Delta R.T. 0.000 min

Lab File: BM047441.D

Acq: 04 Sep 2024 16:43

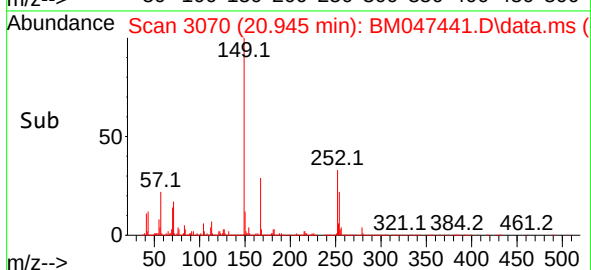
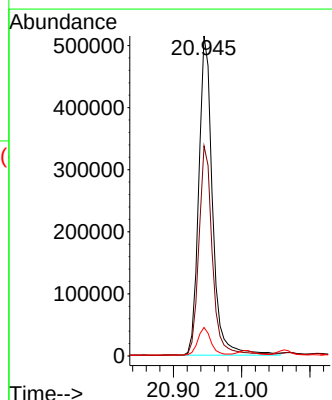
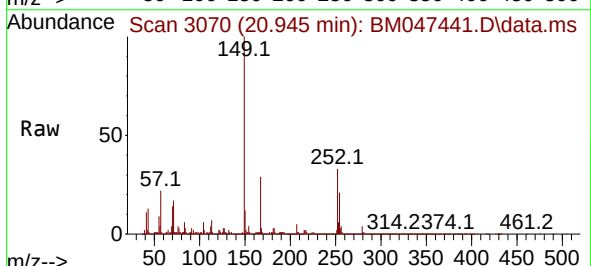
Tgt Ion:252 Resp: 717775

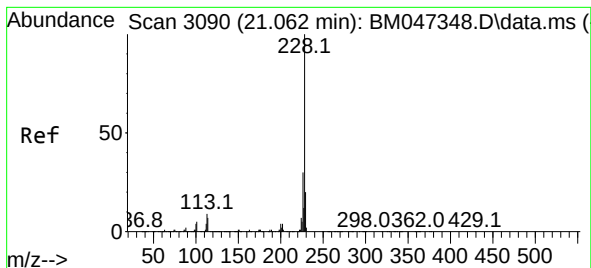
Ion Ratio Lower Upper

252 100

254 65.7 52.1 78.1

126 8.9 7.9 11.9





#83

Chrysene

Concen: 62.429 ng

RT: 21.062 min Scan# 3090

Delta R.T. 0.000 min

Lab File: BM047441.D

Acq: 04 Sep 2024 16:43

Instrument :

BNA_M

ClientSampleId :

DN-W-01(B-1)MSD

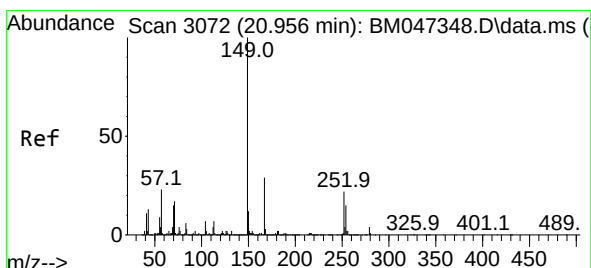
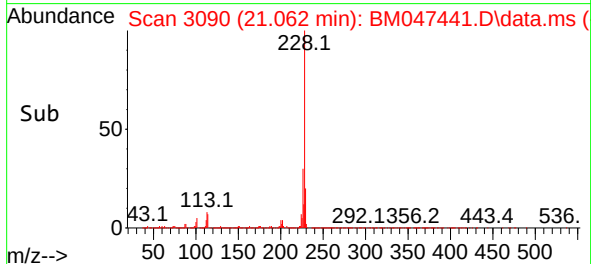
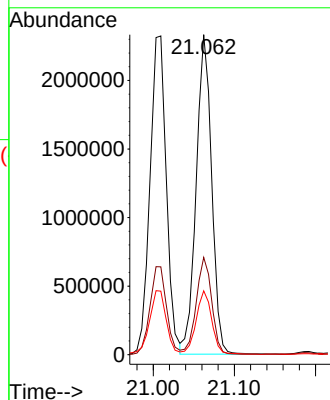
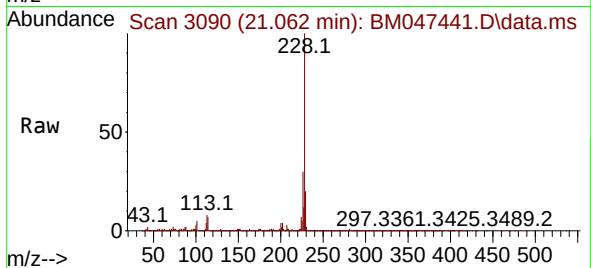
Tgt Ion:228 Resp: 3083553

Ion Ratio Lower Upper

228 100

226 30.4 24.0 36.0

229 19.9 15.9 23.9



#84

Bis(2-ethylhexyl)phthalate

Concen: 62.577 ng

RT: 20.951 min Scan# 3071

Delta R.T. -0.006 min

Lab File: BM047441.D

Acq: 04 Sep 2024 16:43

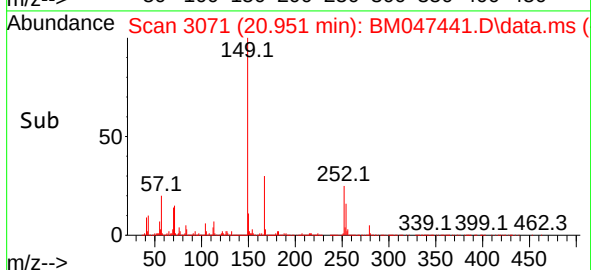
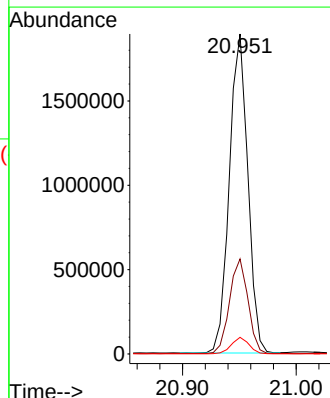
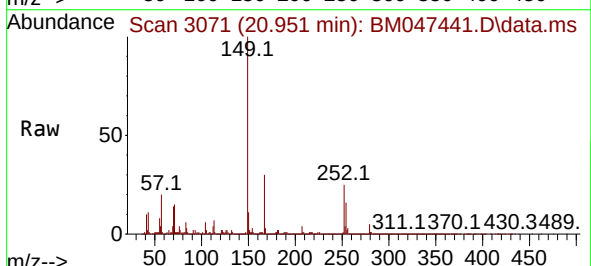
Tgt Ion:149 Resp: 2137361

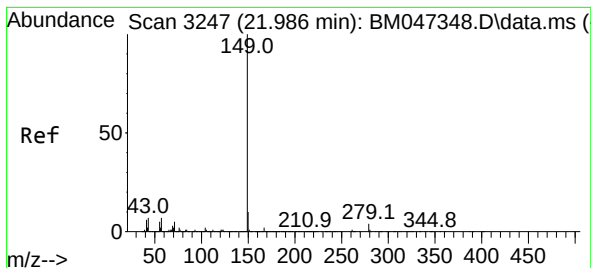
Ion Ratio Lower Upper

149 100

167 29.7 23.1 34.7

279 5.2 3.3 4.9#





#85

Di-n-octyl phthalate

Concen: 52.248 ng

RT: 21.980 min Scan# 31

Delta R.T. -0.006 min

Lab File: BM047441.D

Acq: 04 Sep 2024 16:43

Instrument :

BNA_M

ClientSampleId :

DN-W-01(B-1)MSD

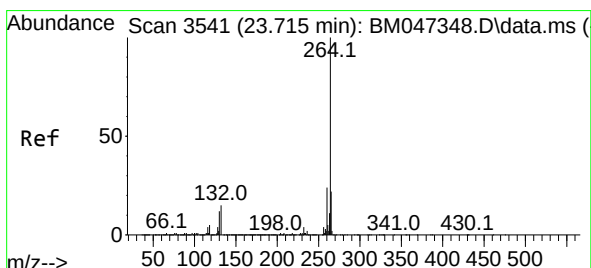
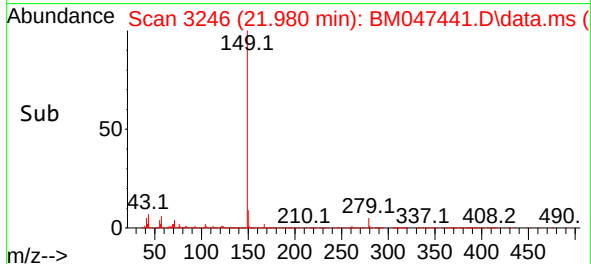
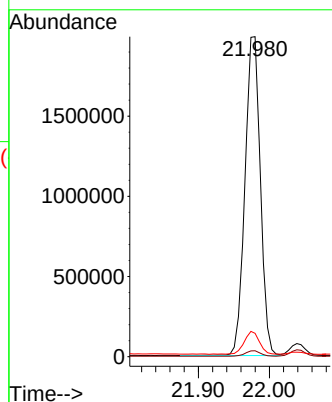
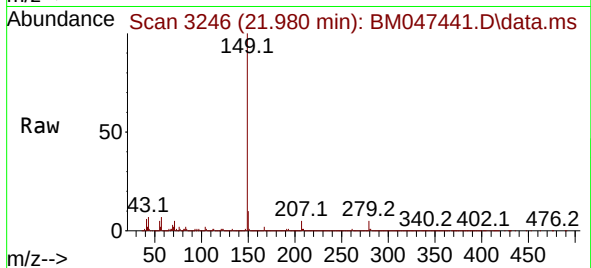
Tgt Ion:149 Resp: 3003649

Ion Ratio Lower Upper

149 100

167 1.7 1.3 1.9

43 7.1 6.1 9.1



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.727 min Scan# 3543

Delta R.T. 0.012 min

Lab File: BM047441.D

Acq: 04 Sep 2024 16:43

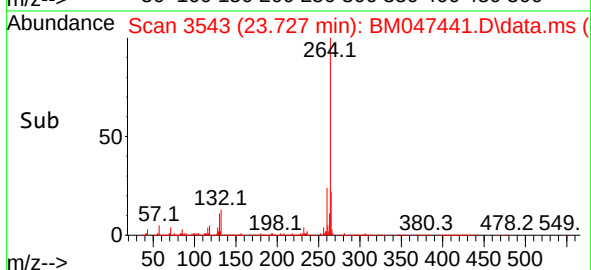
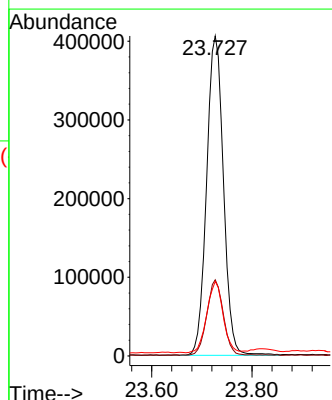
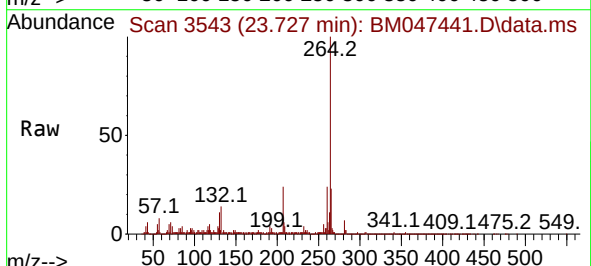
Tgt Ion:264 Resp: 947731

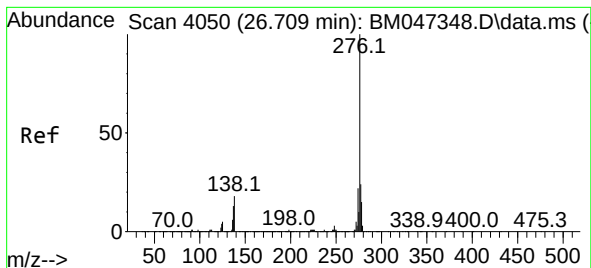
Ion Ratio Lower Upper

264 100

260 23.8 19.0 28.4

265 23.3 17.8 26.6





#87

Indeno(1,2,3-cd)pyrene

Concen: 66.528 ng

RT: 26.768 min Scan# 4050

Delta R.T. 0.059 min

Lab File: BM047441.D

Acq: 04 Sep 2024 16:43

Instrument :

BNA_M

ClientSampleId :

DN-W-01(B-1)MSD

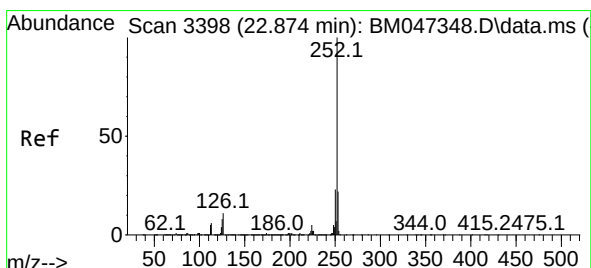
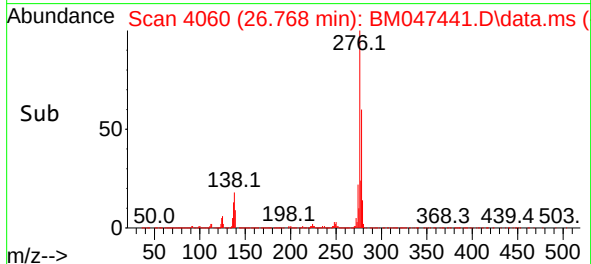
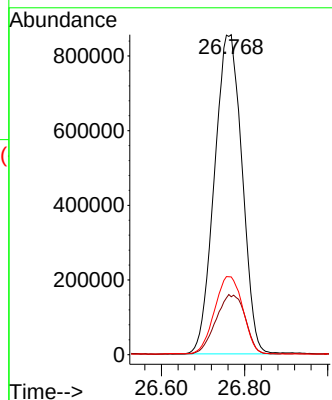
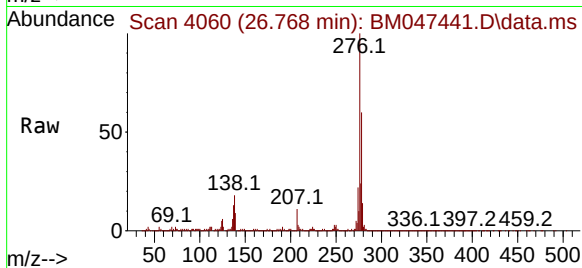
Tgt Ion:276 Resp: 3946977

Ion Ratio Lower Upper

276 100

138 19.7 17.7 26.5

277 24.8 20.0 30.0



#88

Benzo(b)fluoranthene

Concen: 61.528 ng

RT: 22.886 min Scan# 3400

Delta R.T. 0.012 min

Lab File: BM047441.D

Acq: 04 Sep 2024 16:43

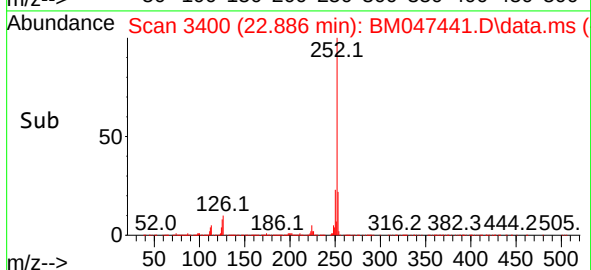
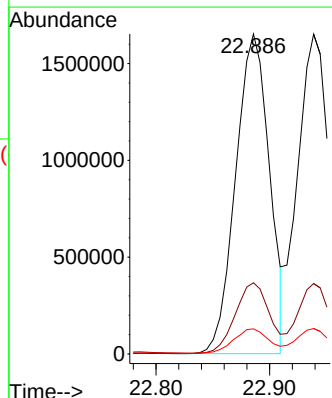
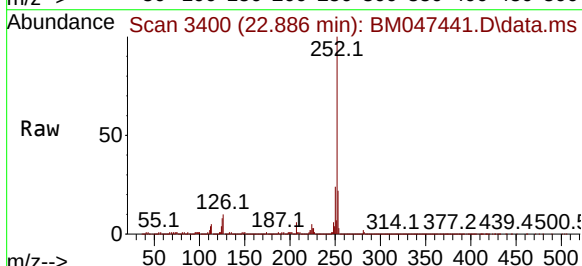
Tgt Ion:252 Resp: 3402018

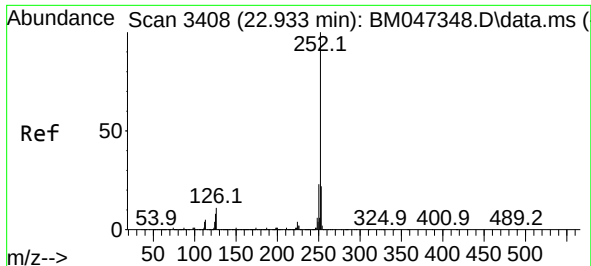
Ion Ratio Lower Upper

252 100

253 22.3 17.8 26.6

125 7.9 6.6 10.0

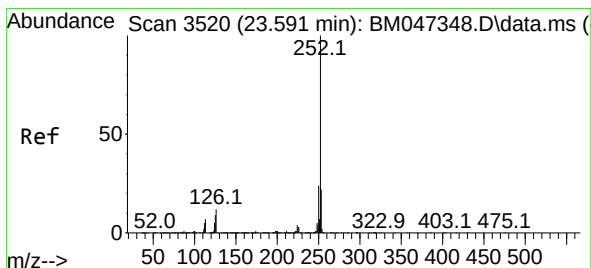
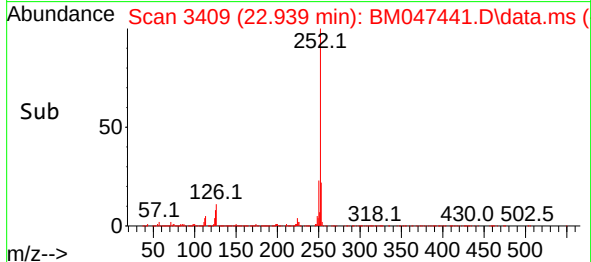
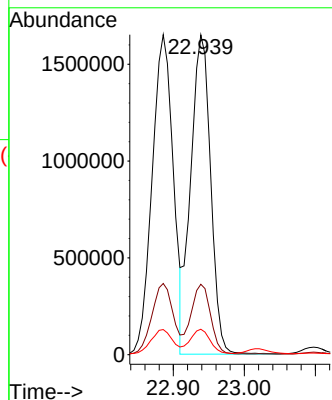
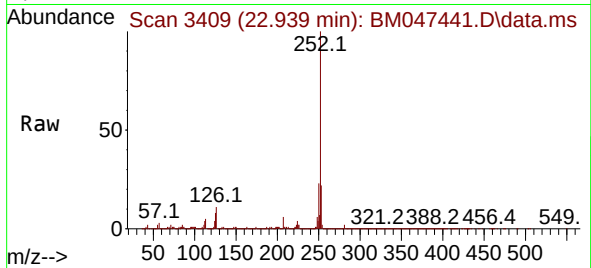




#89
Benzo(k)fluoranthene
Concen: 61.277 ng
RT: 22.939 min Scan# 3409
Delta R.T. 0.006 min
Lab File: BM047441.D
Acq: 04 Sep 2024 16:43

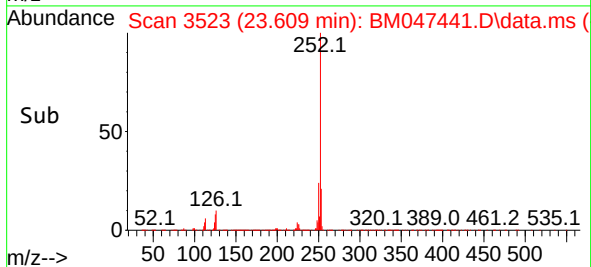
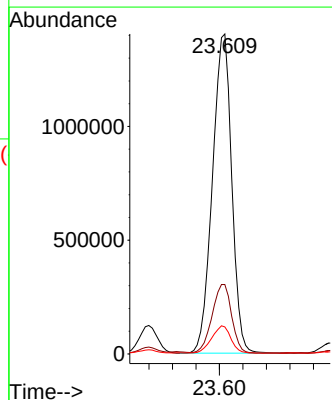
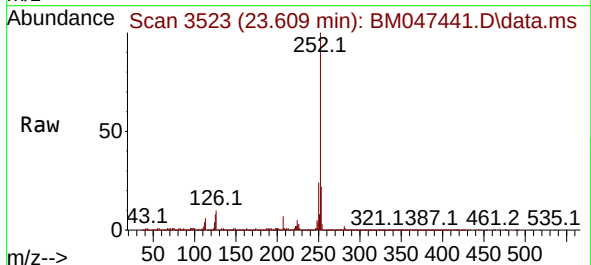
Instrument :
BNA_M
ClientSampleId :
DN-W-01(B-1)MSD

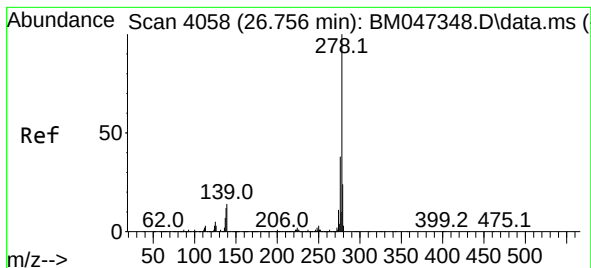
Tgt Ion:252 Resp: 3211879
Ion Ratio Lower Upper
252 100
253 22.0 17.5 26.3
125 8.0 6.6 9.8



#90
Benzo(a)pyrene
Concen: 66.888 ng
RT: 23.609 min Scan# 3523
Delta R.T. 0.018 min
Lab File: BM047441.D
Acq: 04 Sep 2024 16:43

Tgt Ion:252 Resp: 3198336
Ion Ratio Lower Upper
252 100
253 21.7 17.7 26.5
125 8.4 7.4 11.2





#91

Dibenzo(a,h)anthracene

Concen: 62.992 ng

RT: 26.791 min Scan# 4058

Delta R.T. 0.035 min

Lab File: BM047441.D

Acq: 04 Sep 2024 16:43

Instrument :

BNA_M

ClientSampleId :

DN-W-01(B-1)MSD

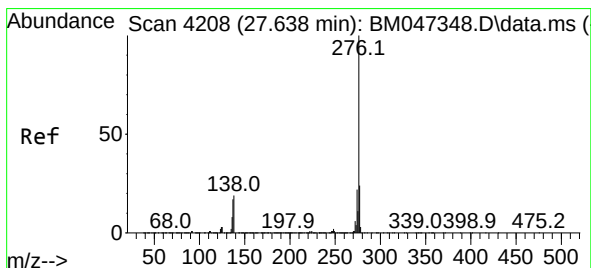
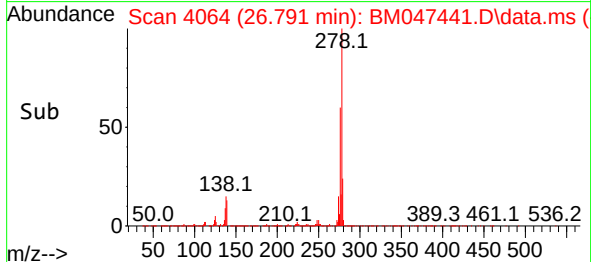
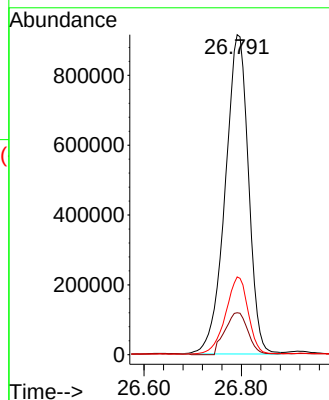
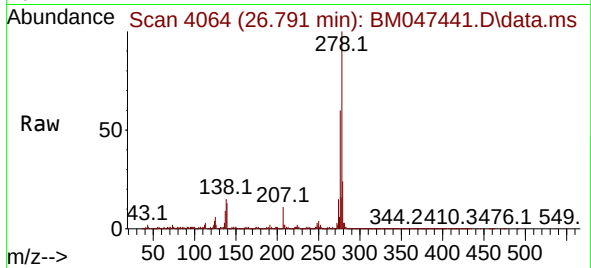
Tgt Ion:278 Resp: 3027560

Ion Ratio Lower Upper

278 100

139 13.1 11.1 16.7

279 24.3 19.2 28.8



#92

Benzo(g,h,i)perylene

Concen: 61.859 ng

RT: 27.697 min Scan# 4218

Delta R.T. 0.059 min

Lab File: BM047441.D

Acq: 04 Sep 2024 16:43

Tgt Ion:276 Resp: 3090887

Ion Ratio Lower Upper

276 100

277 23.9 19.4 29.0

138 17.3 15.0 22.6

