

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081924\
 Data File : BM047247.D
 Acq On : 19 Aug 2024 11:02
 Operator : RC/JU
 Sample : PB162722BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB162722BS

Quant Time: Aug 19 12:03:46 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM081024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun Aug 11 23:47:58 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.363	152	277756	20.000	ng	-0.01
21) Naphthalene-d8	10.122	136	1128092	20.000	ng	-0.01
39) Acenaphthene-d10	14.033	164	782637	20.000	ng	0.00
64) Phenanthrene-d10	16.798	188	1751225	20.000	ng	0.00
76) Chrysene-d12	21.039	240	1584431	20.000	ng	0.00
86) Perylene-d12	23.744	264	1735614	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.022	112	2018950	129.882	ng	0.00
7) Phenol-d6	6.587	99	2697086	125.920	ng	0.00
23) Nitrobenzene-d5	8.516	82	1747101	77.983	ng	0.00
42) 2,4,6-Tribromophenol	15.545	330	1264332	139.323	ng	0.00
45) 2-Fluorobiphenyl	12.639	172	4166905	82.127	ng	0.00
79) Terphenyl-d14	19.462	244	7443553	100.666	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.022	88	174375	27.074	ng	93
3) Pyridine	3.399	79	511358	27.075	ng	98
4) n-Nitrosodimethylamine	3.316	42	302594	36.672	ng	98
6) Aniline	6.716	93	574735	28.389	ng	98
8) 2-Chlorophenol	6.945	128	857074	50.553	ng	97
9) Benzaldehyde	6.528	77	229489	16.239	ng	99
10) Phenol	6.610	94	1010163	47.265	ng	99
11) bis(2-Chloroethyl)ether	6.816	93	782937	42.777	ng	98
12) 1,3-Dichlorobenzene	7.257	146	862091	42.791	ng	98
13) 1,4-Dichlorobenzene	7.404	146	878541	43.070	ng	99
14) 1,2-Dichlorobenzene	7.710	146	864556	44.920	ng	99
15) Benzyl Alcohol	7.622	79	769131	50.455	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.892	45	961825	40.953	ng	99
17) 2-Methylphenol	7.834	107	694069	48.678	ng	98
18) Hexachloroethane	8.416	117	328533	41.579	ng	95
19) n-Nitroso-di-n-propyla...	8.181	70	599402	41.546	ng	96
20) 3+4-Methylphenols	8.157	107	957813	48.050	ng	96
22) Acetophenone	8.186	105	1075144	39.483	ng	# 99
24) Nitrobenzene	8.557	77	919665	40.767	ng	96
25) Isophorone	9.081	82	1742843	44.679	ng	98
26) 2-Nitrophenol	9.257	139	493792	49.425	ng	95
27) 2,4-Dimethylphenol	9.339	122	635683	54.318	ng	100
28) bis(2-Chloroethoxy)met...	9.569	93	1072334	43.689	ng	99
29) 2,4-Dichlorophenol	9.792	162	919603	52.959	ng	98
30) 1,2,4-Trichlorobenzene	9.992	180	904506	46.029	ng	99
31) Naphthalene	10.175	128	2444663	43.501	ng	100
32) Benzoic acid	9.545	122	684543	50.347	ng	94
33) 4-Chloroaniline	10.298	127	576218	26.663	ng	99
34) Hexachlorobutadiene	10.457	225	531430	46.204	ng	99
35) Caprolactam	11.116	113	180912	30.000	ng	94
36) 4-Chloro-3-methylphenol	11.457	107	917053	49.589	ng	99
37) 2-Methylnaphthalene	11.798	142	1804704	45.103	ng	98
38) 1-Methylnaphthalene	12.027	142	1693690	42.830	ng	98
40) 1,2,4,5-Tetrachloroben...	12.186	216	940589	44.062	ng	99
41) Hexachlorocyclopentadiene	12.157	237	758699	101.784	ng	98
43) 2,4,6-Trichlorophenol	12.445	196	773787	50.999	ng	97

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081924\
 Data File : BM047247.D
 Acq On : 19 Aug 2024 11:02
 Operator : RC/JU
 Sample : PB162722BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB162722BS

Quant Time: Aug 19 12:03:46 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM081024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun Aug 11 23:47:58 2024
 Response via : Initial Calibration

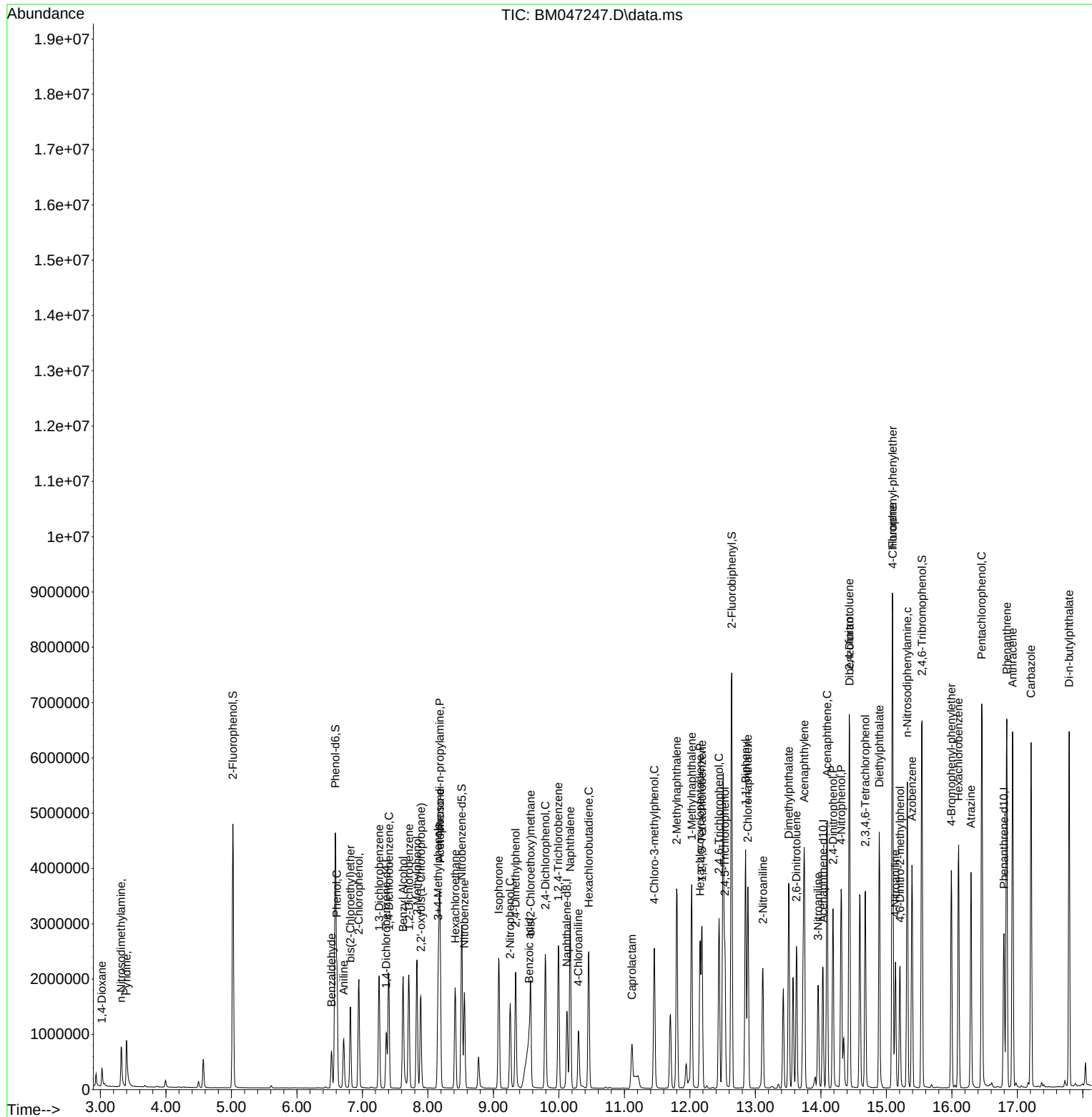
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.533	196	798852	47.420	ng	97
46) 1,1'-Biphenyl	12.851	154	2224711	39.929	ng	98
47) 2-Chloronaphthalene	12.886	162	1857007	42.642	ng	98
48) 2-Nitroaniline	13.116	65	624912	45.804	ng	94
49) Acenaphthylene	13.745	152	3072328	47.861	ng	100
50) Dimethylphthalate	13.510	163	2548718	46.629	ng	99
51) 2,6-Dinitrotoluene	13.627	165	590654	46.226	ng	89
52) Acenaphthene	14.098	154	1774674	43.583	ng	99
53) 3-Nitroaniline	13.957	138	494794	38.645	ng	100
54) 2,4-Dinitrophenol	14.186	184	778051	101.598	ng	90
55) Dibenzofuran	14.439	168	2915910	45.336	ng	97
56) 4-Nitrophenol	14.310	139	1047264	94.856	ng	99
57) 2,4-Dinitrotoluene	14.433	165	801733	47.009	ng	98
58) Fluorene	15.092	166	2392425	45.081	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.680	232	729672	52.702	ng	93
60) Diethylphthalate	14.892	149	2543505	45.568	ng	99
61) 4-Chlorophenyl-phenyle...	15.098	204	1179387	46.681	ng	95
62) 4-Nitroaniline	15.139	138	575900	45.657	ng	97
63) Azobenzene	15.392	77	2258541	42.675	ng	95
65) 4,6-Dinitro-2-methylph...	15.210	198	526371	51.338	ng	88
66) n-Nitrosodiphenylamine	15.321	169	2169142	45.476	ng	99
67) 4-Bromophenyl-phenylether	15.992	248	788552	46.729	ng	98
68) Hexachlorobenzene	16.104	284	908898	44.972	ng	97
69) Atrazine	16.292	200	727614	50.693	ng	98
70) Pentachlorophenol	16.456	266	1281594	90.462	ng	98
71) Phenanthrene	16.839	178	4015275	45.687	ng	100
72) Anthracene	16.927	178	4012395	46.920	ng	99
73) Carbazole	17.209	167	3978662	45.567	ng	100
74) Di-n-butylphthalate	17.792	149	4692813	46.191	ng	99
75) Fluoranthene	18.874	202	5034215	47.093	ng	99
77) Benzidine	19.074	184	1061518	39.506	ng	99
78) Pyrene	19.239	202	5242570	46.340	ng	100
80) Butylbenzylphthalate	20.174	149	2275053	49.276	ng	95
81) Benzo(a)anthracene	21.021	228	4950740	47.067	ng	99
82) 3,3'-Dichlorobenzidine	20.962	252	1472565	44.745	ng	98
83) Chrysene	21.080	228	4622802	46.323	ng	99
84) Bis(2-ethylhexyl)phtha...	20.974	149	3057109	46.690	ng	99
85) Di-n-octyl phthalate	22.009	149	5566022	50.013	ng	98
87) Indeno(1,2,3-cd)pyrene	26.768	276	5370805	47.874	ng	98
88) Benzo(b)fluoranthene	22.903	252	4970869	48.228	ng	99
89) Benzo(k)fluoranthene	22.962	252	4948268	50.827	ng	99
90) Benzo(a)pyrene	23.627	252	4635663	51.919	ng	98
91) Dibenzo(a,h)anthracene	26.809	278	4369989	48.133	ng	99
92) Benzo(g,h,i)perylene	27.703	276	4132503	43.840	ng	99

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081924\
 Data File : BM047247.D
 Acq On : 19 Aug 2024 11:02
 Operator : RC/JU
 Sample : PB162722BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB162722BS

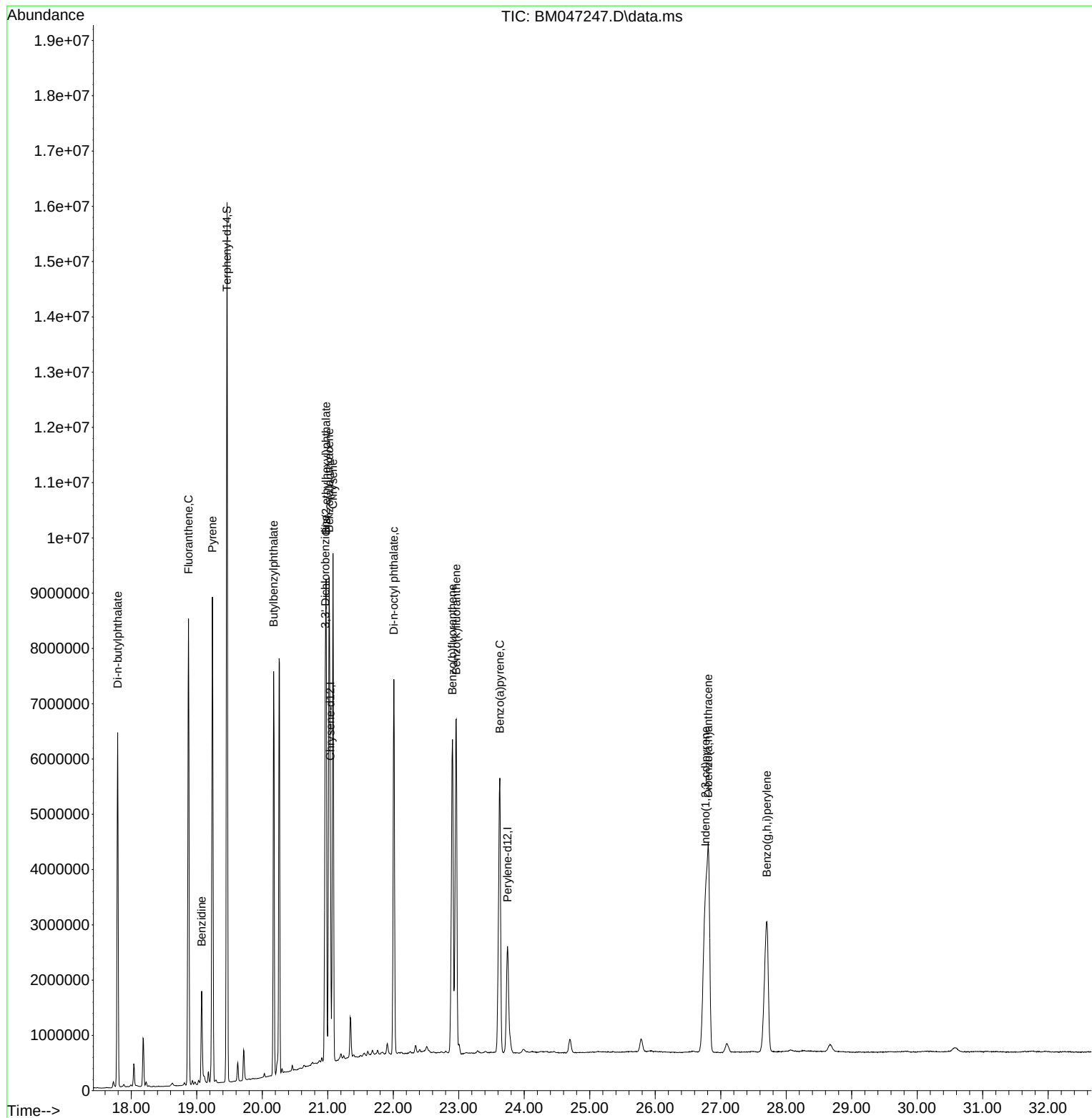
Quant Time: Aug 19 12:03:46 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM081024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun Aug 11 23:47:58 2024
 Response via : Initial Calibration

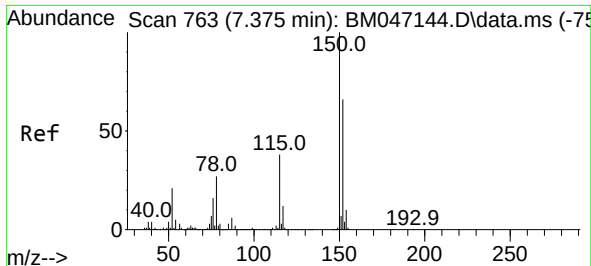


Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081924\
Data File : BM047247.D
Acq On : 19 Aug 2024 11:02
Operator : RC/JU
Sample : PB162722BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PB162722BS

Quant Time: Aug 19 12:03:46 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM081024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Aug 11 23:47:58 2024
Response via : Initial Calibration

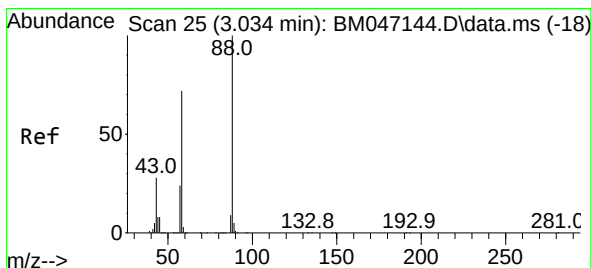
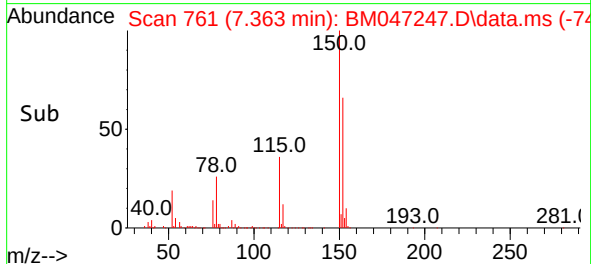
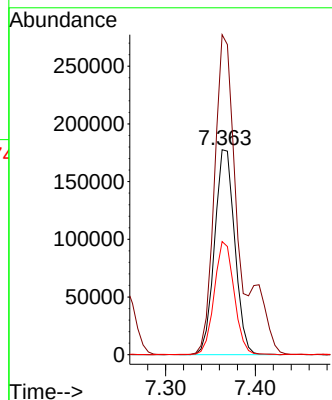
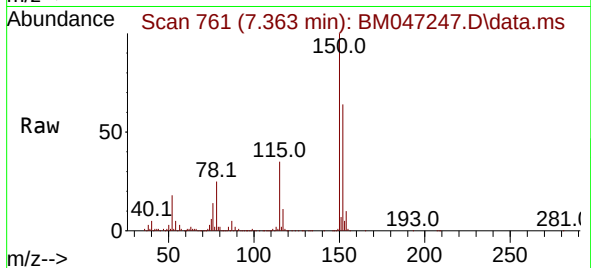




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.363 min Scan# 7
Delta R.T. -0.012 min
Lab File: BM047247.D
Acq: 19 Aug 2024 11:02

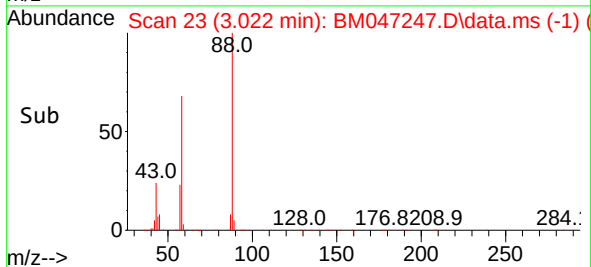
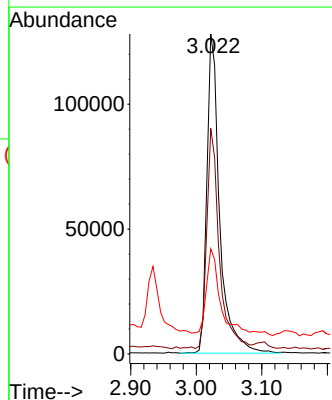
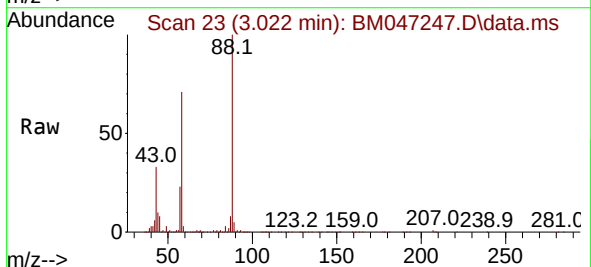
Instrument :
BNA_M
ClientSampleId :
PB162722BS

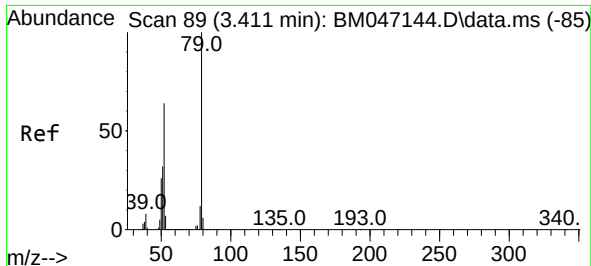
Tgt Ion:152 Resp: 277756
Ion Ratio Lower Upper
152 100
150 156.1 120.5 180.7
115 55.2 45.5 68.3



#2
1,4-Dioxane
Concen: 27.074 ng
RT: 3.022 min Scan# 23
Delta R.T. -0.012 min
Lab File: BM047247.D
Acq: 19 Aug 2024 11:02

Tgt Ion: 88 Resp: 174375
Ion Ratio Lower Upper
88 100
58 66.7 58.2 87.4
43 31.1 22.5 33.7

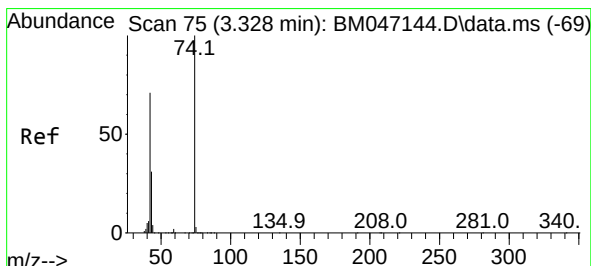
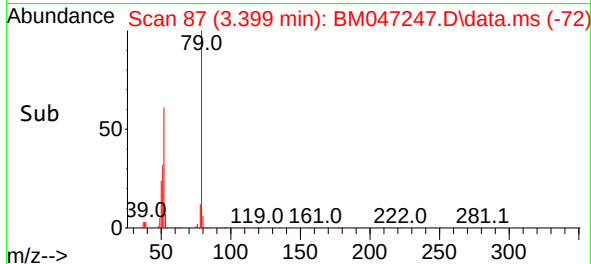
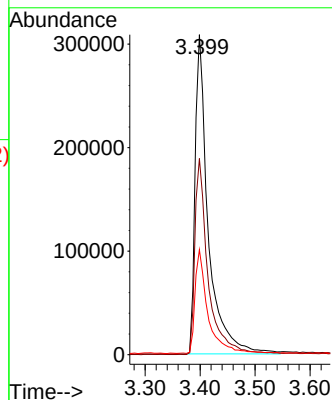
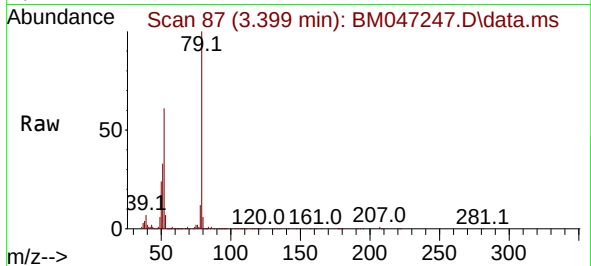




#3
Pyridine
Concen: 27.075 ng
RT: 3.399 min Scan# 81
Delta R.T. -0.012 min
Lab File: BM047247.D
Acq: 19 Aug 2024 11:02

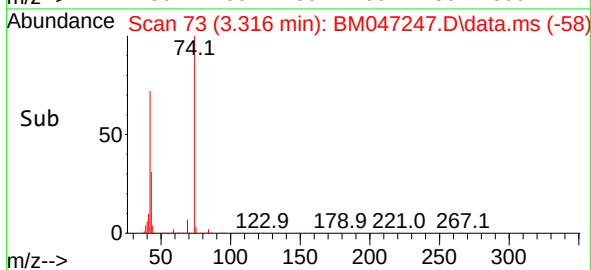
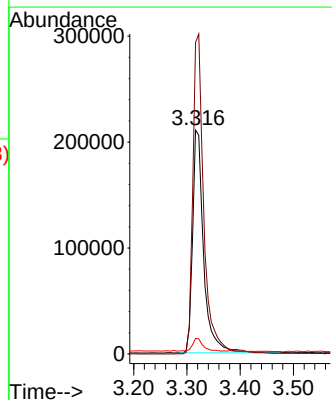
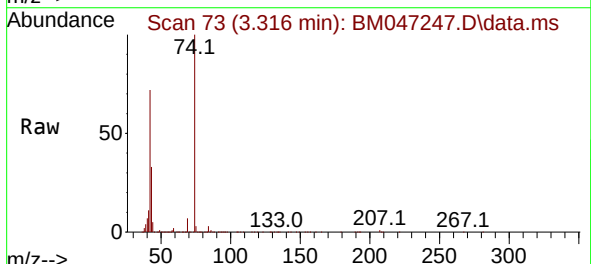
Instrument :
BNA_M
ClientSampleId :
PB162722BS

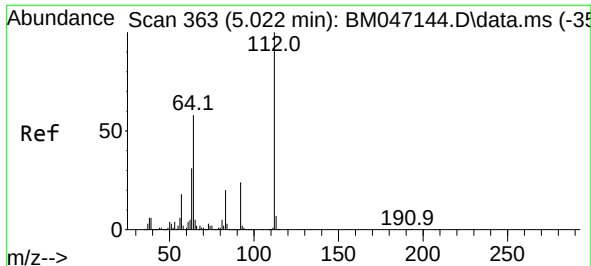
Tgt Ion: 79 Resp: 511358
Ion Ratio Lower Upper
79 100
52 61.3 51.2 76.8
51 32.8 26.1 39.1



#4
n-Nitrosodimethylamine
Concen: 36.672 ng
RT: 3.316 min Scan# 73
Delta R.T. -0.012 min
Lab File: BM047247.D
Acq: 19 Aug 2024 11:02

Tgt Ion: 42 Resp: 302594
Ion Ratio Lower Upper
42 100
74 139.2 112.9 169.3
44 7.0 5.3 7.9

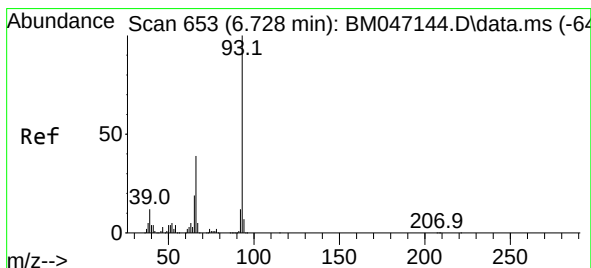
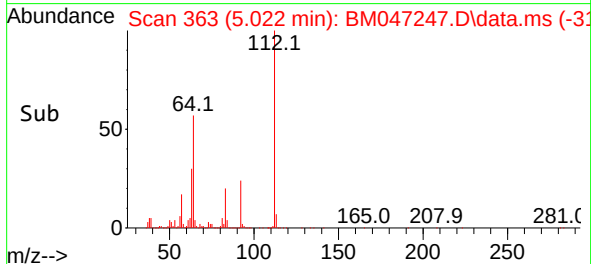
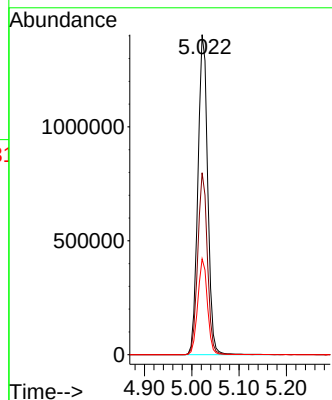
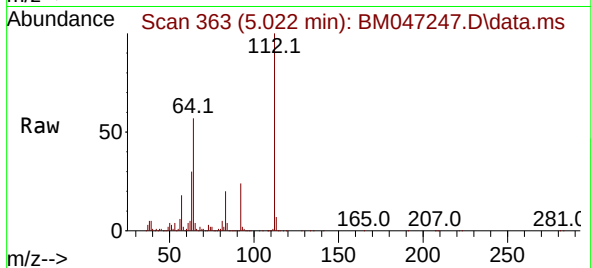




#5
2-Fluorophenol
Concen: 129.882 ng
RT: 5.022 min Scan# 363
Delta R.T. -0.000 min
Lab File: BM047247.D
Acq: 19 Aug 2024 11:02

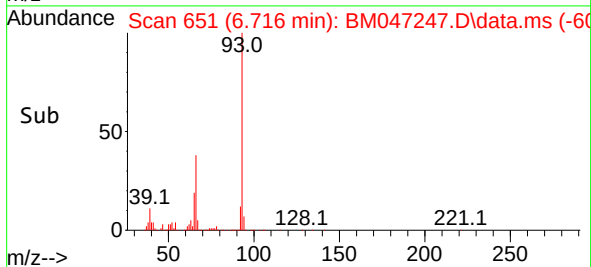
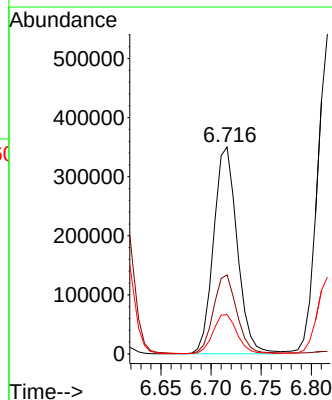
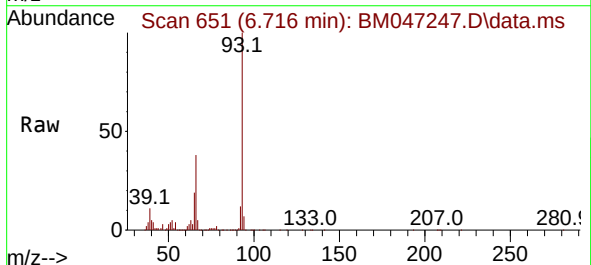
Instrument :
BNA_M
ClientSampleId :
PB162722BS

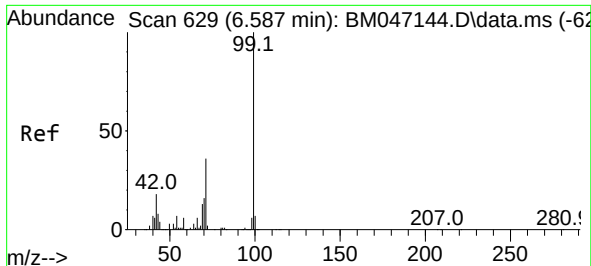
Tgt Ion:112 Resp: 2018950
Ion Ratio Lower Upper
112 100
64 56.9 46.7 70.1
63 29.9 24.8 37.2



#6
Aniline
Concen: 28.389 ng
RT: 6.716 min Scan# 651
Delta R.T. -0.012 min
Lab File: BM047247.D
Acq: 19 Aug 2024 11:02

Tgt Ion: 93 Resp: 574735
Ion Ratio Lower Upper
93 100
66 38.2 31.4 47.2
65 19.0 15.6 23.4

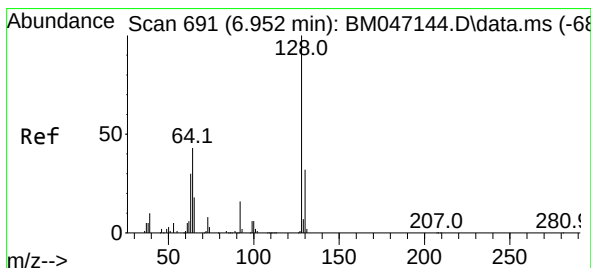
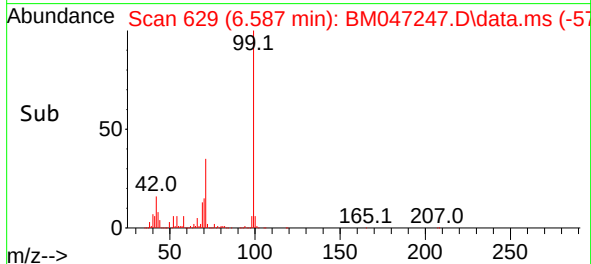
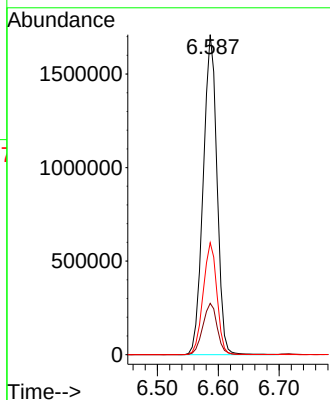
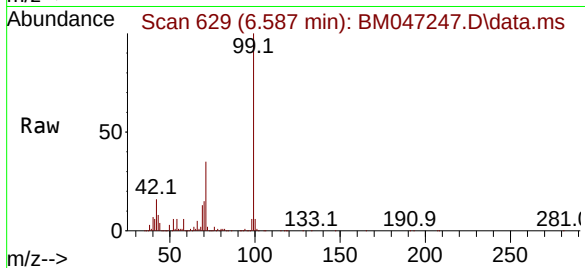




#7
Phenol-d6
Concen: 125.920 ng
RT: 6.587 min Scan# 61
Delta R.T. -0.000 min
Lab File: BM047247.D
Acq: 19 Aug 2024 11:02

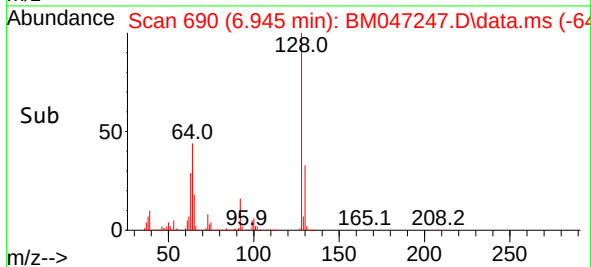
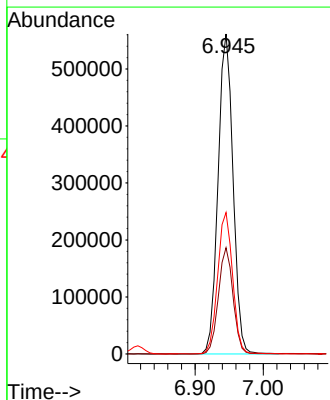
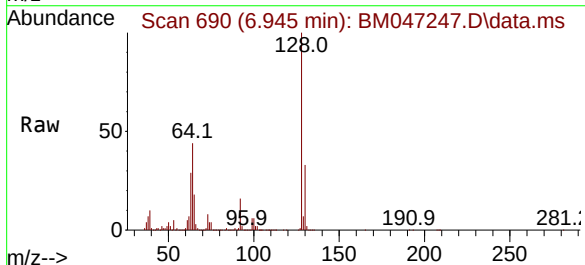
Instrument :
BNA_M
ClientSampleId :
PB162722BS

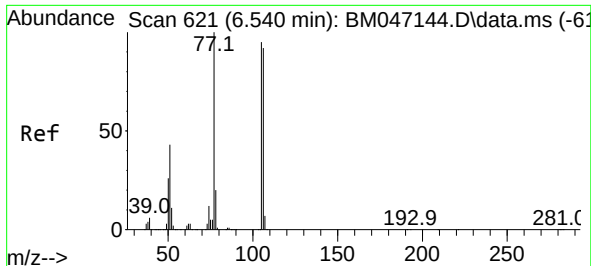
Tgt Ion: 99 Resp: 2697086
Ion Ratio Lower Upper
99 100
42 16.0 14.1 21.1
71 35.0 28.5 42.7



#8
2-Chlorophenol
Concen: 50.553 ng
RT: 6.945 min Scan# 690
Delta R.T. -0.006 min
Lab File: BM047247.D
Acq: 19 Aug 2024 11:02

Tgt Ion: 128 Resp: 857074
Ion Ratio Lower Upper
128 100
130 33.2 12.1 52.1
64 44.2 26.6 66.6

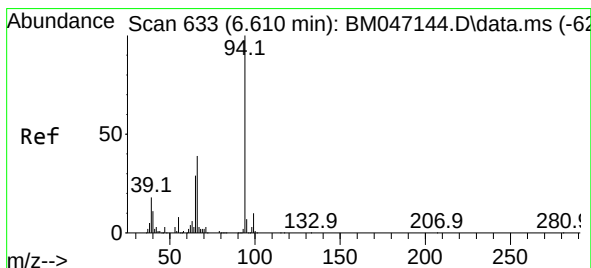
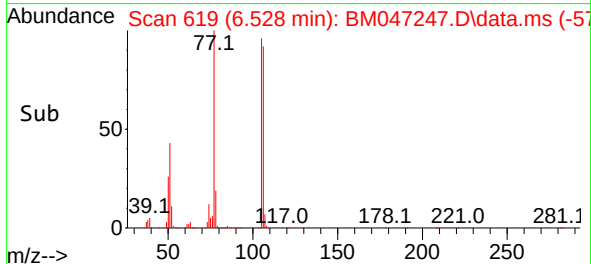
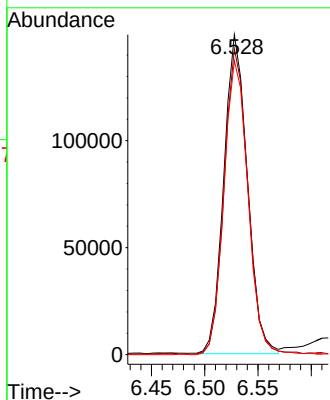
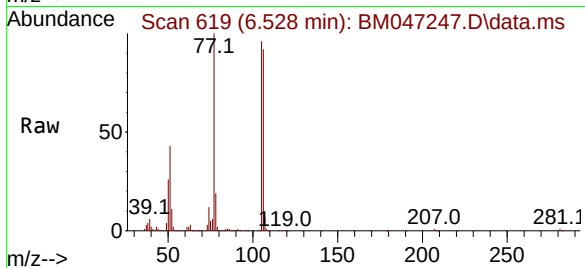




#9
Benzaldehyde
Concen: 16.239 ng
RT: 6.528 min Scan# 619
Delta R.T. -0.012 min
Lab File: BM047247.D
Acq: 19 Aug 2024 11:02

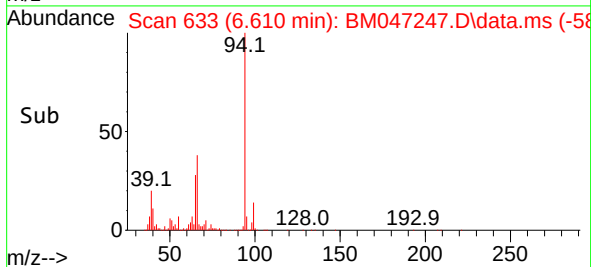
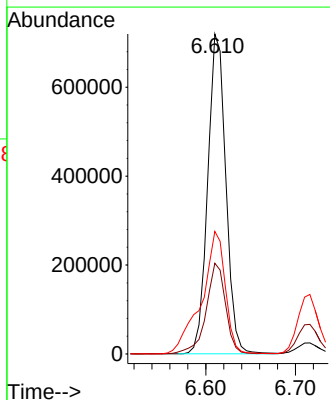
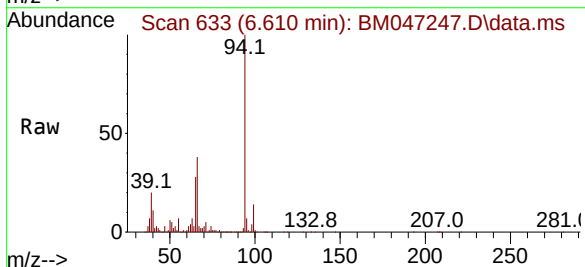
Instrument :
BNA_M
ClientSampleId :
PB162722BS

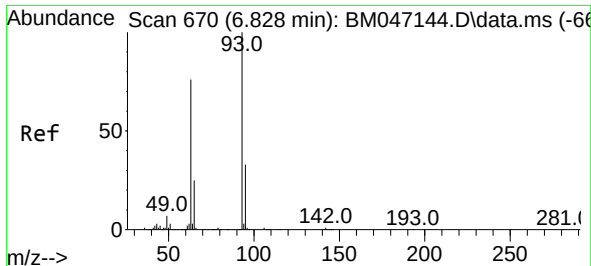
Tgt Ion: 77 Resp: 229489
Ion Ratio Lower Upper
77 100
105 95.5 74.5 114.5
106 91.9 72.3 112.3



#10
Phenol
Concen: 47.265 ng
RT: 6.610 min Scan# 633
Delta R.T. -0.000 min
Lab File: BM047247.D
Acq: 19 Aug 2024 11:02

Tgt Ion: 94 Resp: 1010163
Ion Ratio Lower Upper
94 100
65 28.4 9.0 49.0
66 38.3 18.9 58.9

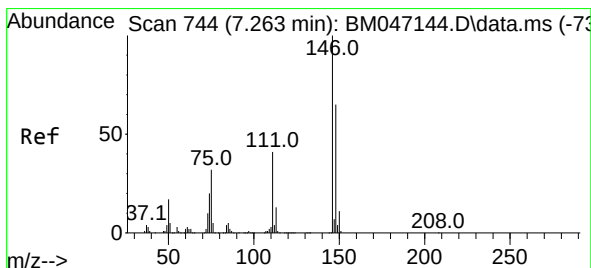
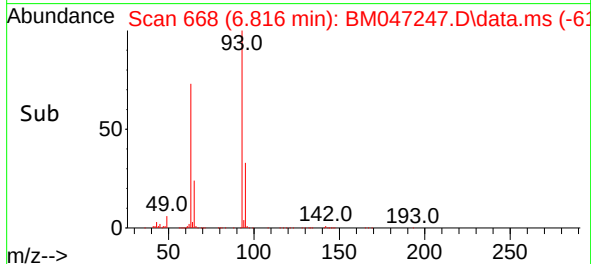
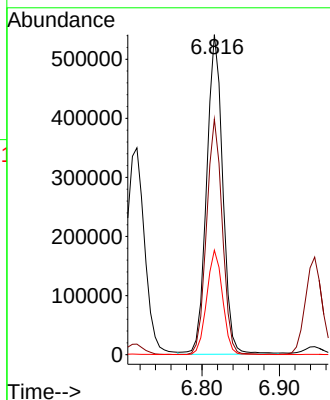
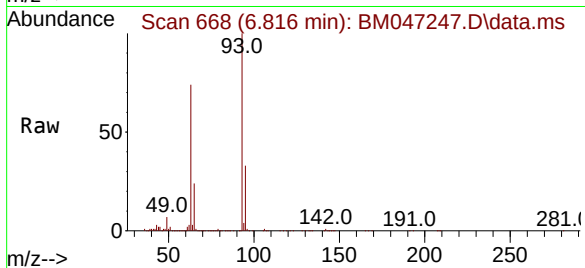




#11
bis(2-Chloroethyl)ether
Concen: 42.777 ng
RT: 6.816 min Scan# 61
Delta R.T. -0.012 min
Lab File: BM047247.D
Acq: 19 Aug 2024 11:02

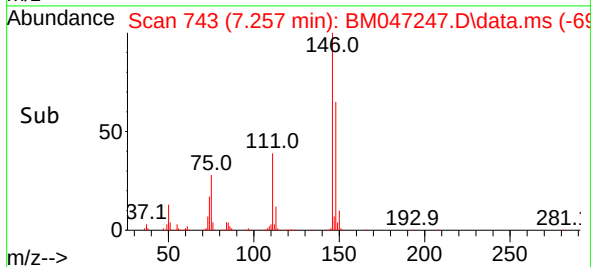
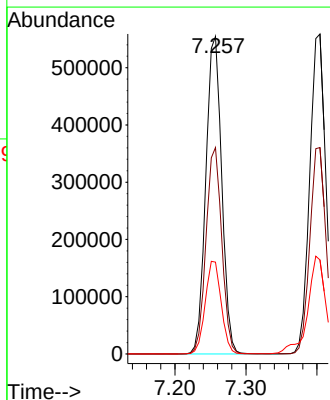
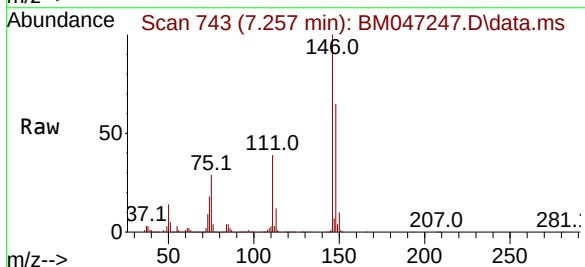
Instrument :
BNA_M
ClientSampleId :
PB162722BS

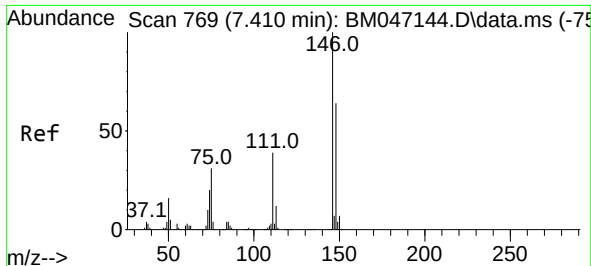
Tgt Ion: 93 Resp: 782937
Ion Ratio Lower Upper
93 100
63 73.6 55.8 95.8
95 32.7 12.7 52.7



#12
1,3-Dichlorobenzene
Concen: 42.791 ng
RT: 7.257 min Scan# 743
Delta R.T. -0.006 min
Lab File: BM047247.D
Acq: 19 Aug 2024 11:02

Tgt Ion: 146 Resp: 862091
Ion Ratio Lower Upper
146 100
148 65.0 52.3 78.5
75 28.9 25.8 38.6

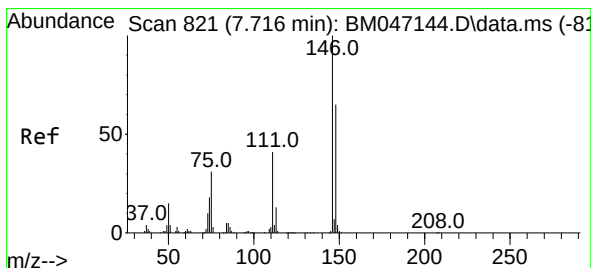
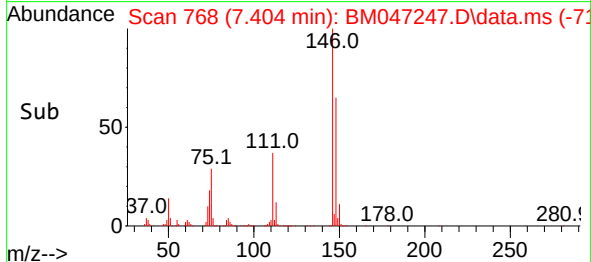
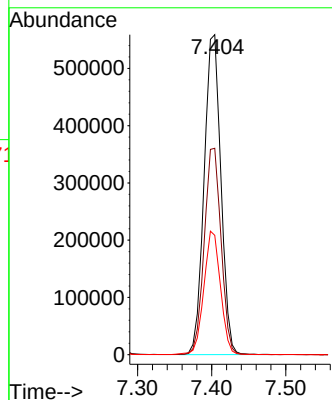
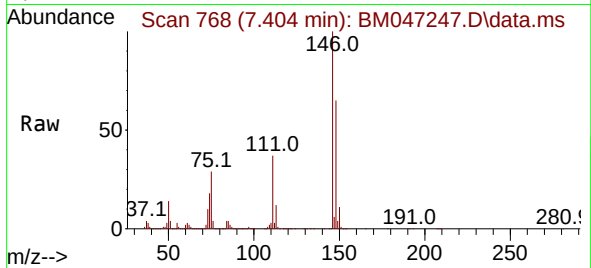




#13
1,4-Dichlorobenzene
Concen: 43.070 ng
RT: 7.404 min Scan# 7
Delta R.T. -0.006 min
Lab File: BM047247.D
Acq: 19 Aug 2024 11:02

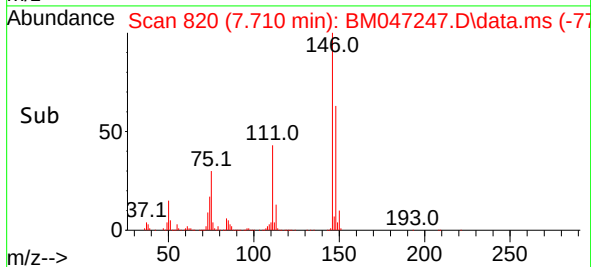
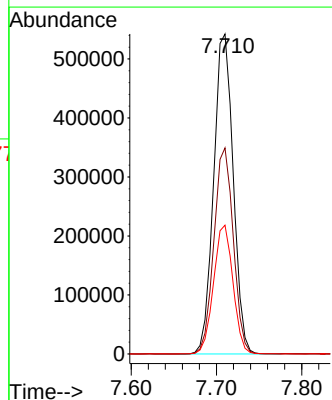
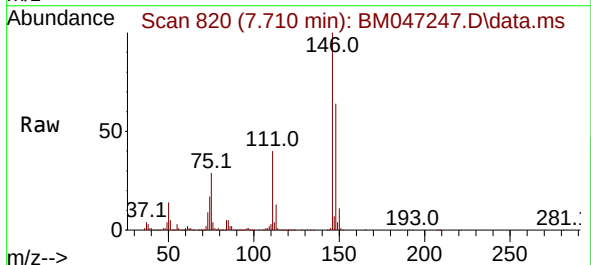
Instrument :
BNA_M
ClientSampleId :
PB162722BS

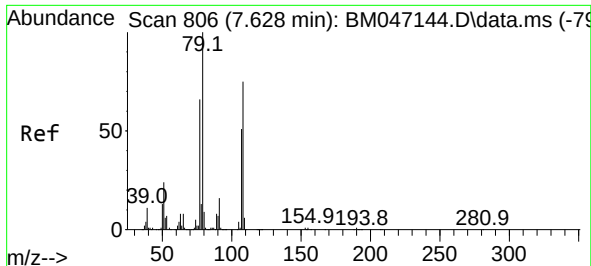
Tgt Ion:146 Resp: 878541
Ion Ratio Lower Upper
146 100
148 64.5 51.4 77.2
111 37.3 31.5 47.3



#14
1,2-Dichlorobenzene
Concen: 44.920 ng
RT: 7.710 min Scan# 820
Delta R.T. -0.006 min
Lab File: BM047247.D
Acq: 19 Aug 2024 11:02

Tgt Ion:146 Resp: 864556
Ion Ratio Lower Upper
146 100
148 64.4 51.8 77.8
111 40.3 33.3 49.9

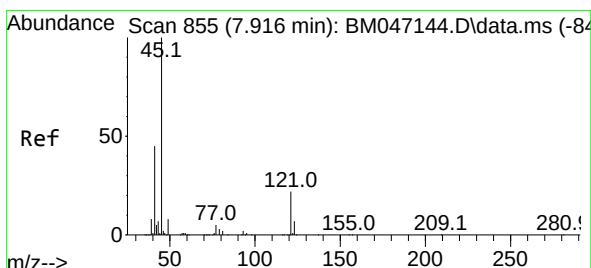
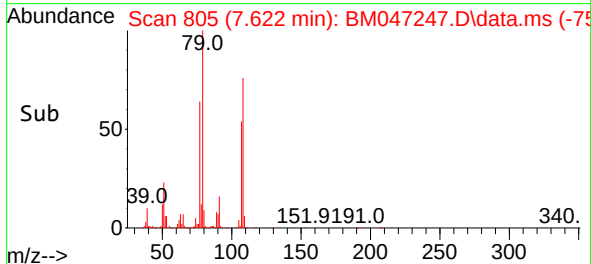
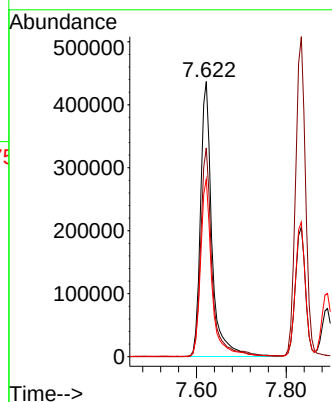
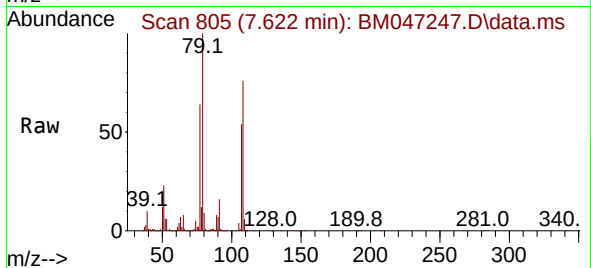




#15
Benzyl Alcohol
Concen: 50.455 ng
RT: 7.622 min Scan# 806
Delta R.T. -0.006 min
Lab File: BM047247.D
Acq: 19 Aug 2024 11:02

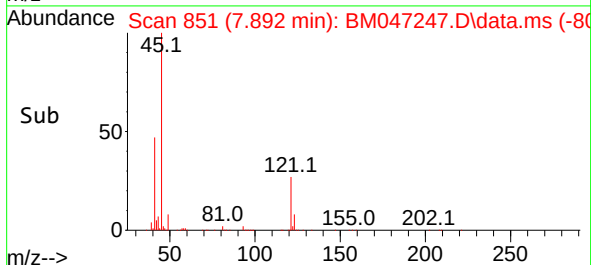
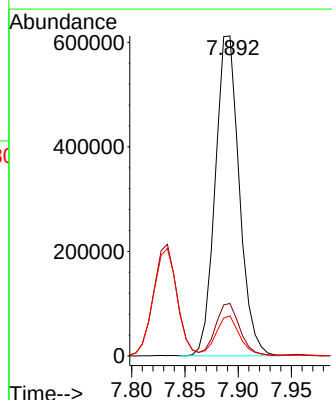
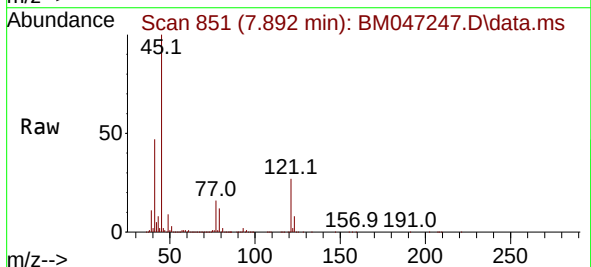
Instrument :
BNA_M
ClientSampleId :
PB162722BS

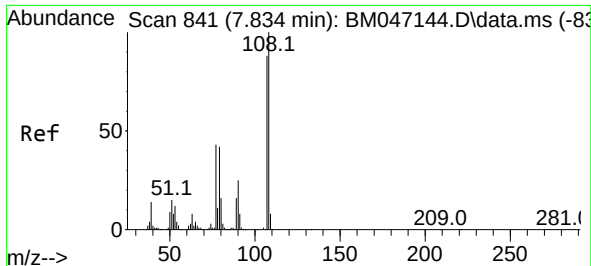
Tgt Ion: 79 Resp: 769131
Ion Ratio Lower Upper
79 100
108 75.9 59.7 89.5
77 64.5 52.9 79.3



#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.953 ng
RT: 7.892 min Scan# 851
Delta R.T. -0.024 min
Lab File: BM047247.D
Acq: 19 Aug 2024 11:02

Tgt Ion: 45 Resp: 961825
Ion Ratio Lower Upper
45 100
77 16.4 0.0 35.6
79 12.5 0.0 32.4





#17

2-Methylphenol

Concen: 48.678 ng

RT: 7.834 min Scan# 841

Delta R.T. -0.000 min

Lab File: BM047247.D

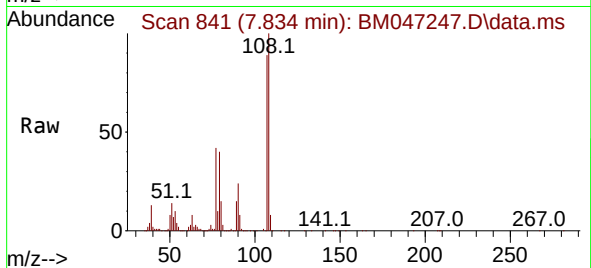
Acq: 19 Aug 2024 11:02

Instrument :

BNA_M

ClientSampleId :

PB162722BS



Tgt Ion:107 Resp: 694069

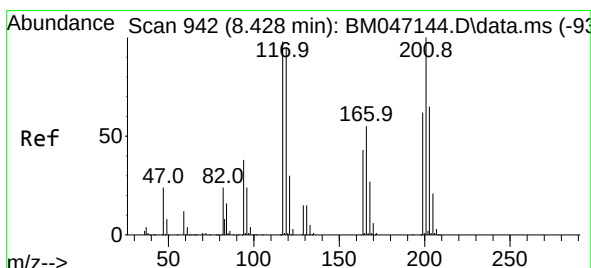
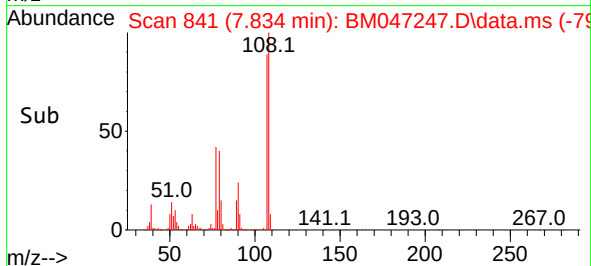
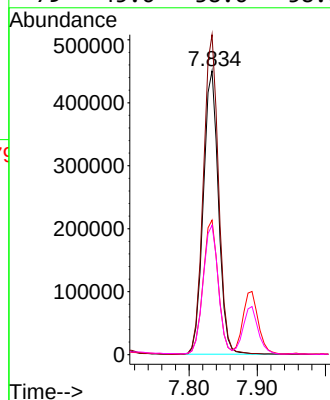
Ion Ratio Lower Upper

107 100

108 112.8 90.6 135.8

77 47.4 39.3 58.9

79 45.6 38.6 58.0



#18

Hexachloroethane

Concen: 41.579 ng

RT: 8.416 min Scan# 940

Delta R.T. -0.012 min

Lab File: BM047247.D

Acq: 19 Aug 2024 11:02

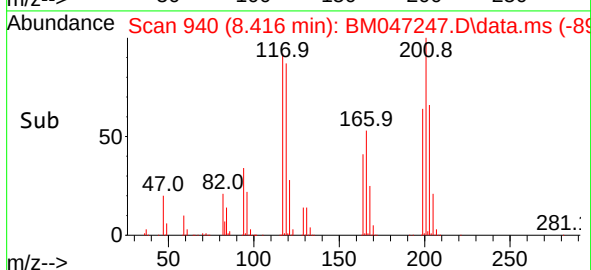
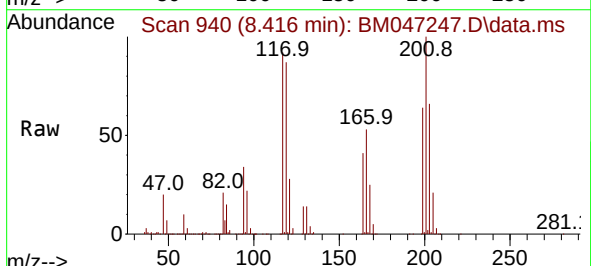
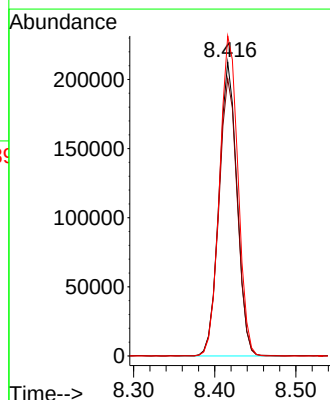
Tgt Ion:117 Resp: 328533

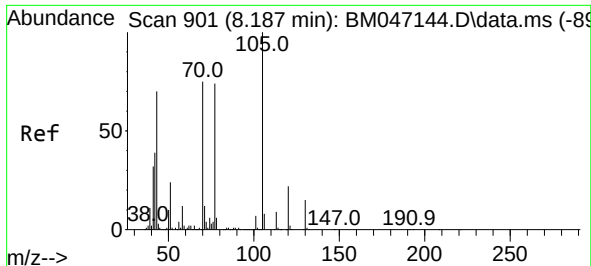
Ion Ratio Lower Upper

117 100

119 94.4 77.0 115.4

201 108.9 81.3 121.9



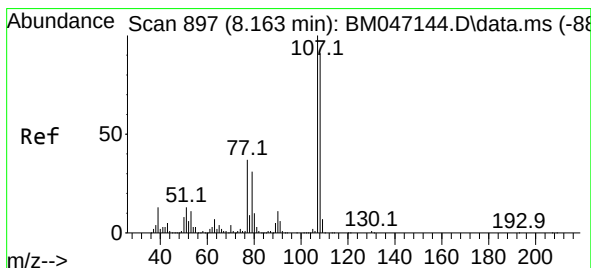
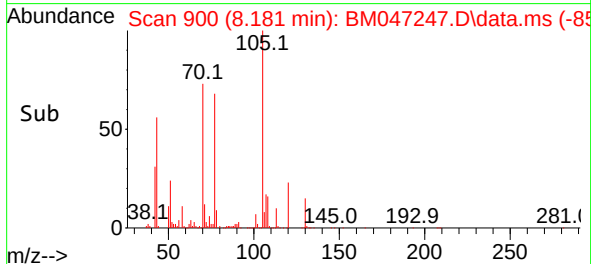
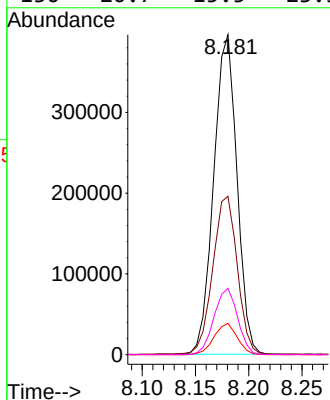
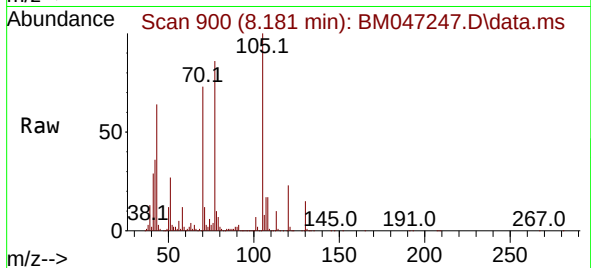


#19
n-Nitroso-di-n-propylamine
Concen: 41.546 ng
RT: 8.181 min Scan# 901
Delta R.T. -0.006 min
Lab File: BM047247.D
Acq: 19 Aug 2024 11:02

Instrument :
BNA_M
ClientSampleId :
PB162722BS

Tgt Ion: 70 Resp: 599402

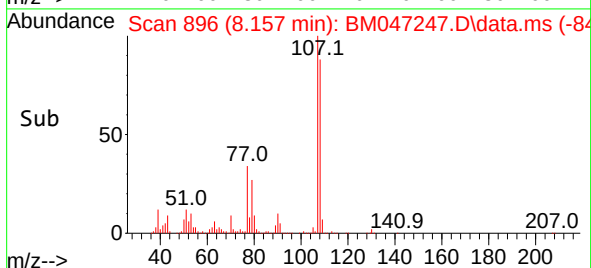
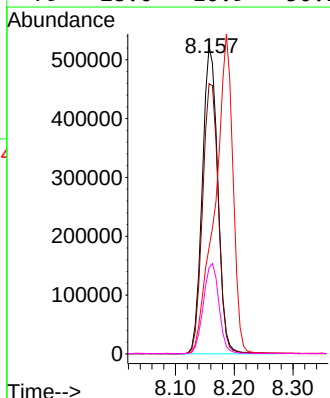
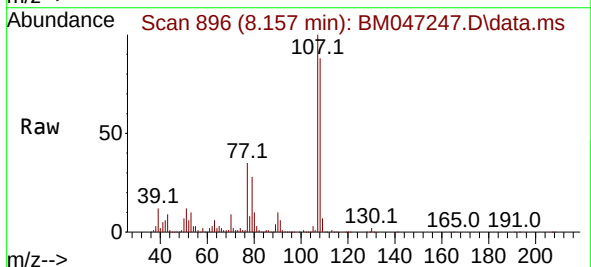
Ion	Ratio	Lower	Upper
70	100		
42	49.5	42.0	63.0
101	9.8	7.2	10.8
130	20.7	15.5	23.3

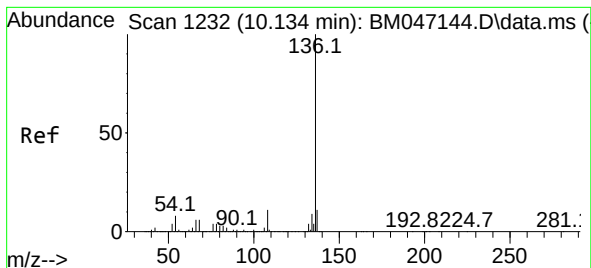


#20
3+4-Methylphenols
Concen: 48.050 ng
RT: 8.157 min Scan# 896
Delta R.T. -0.006 min
Lab File: BM047247.D
Acq: 19 Aug 2024 11:02

Tgt Ion: 107 Resp: 957813

Ion	Ratio	Lower	Upper
107	100		
108	87.8	70.7	110.7
77	34.6	17.4	57.4
79	28.0	10.9	50.9

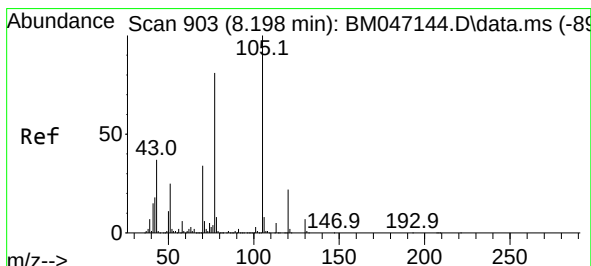
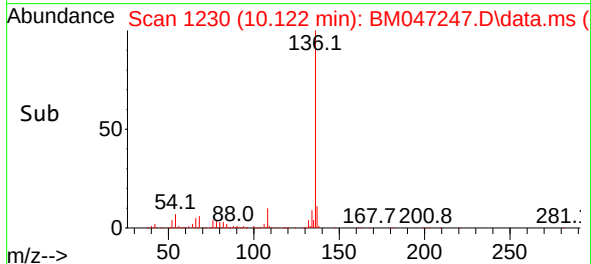
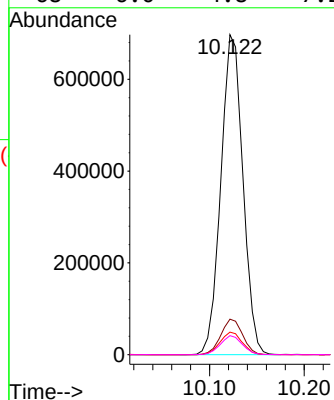
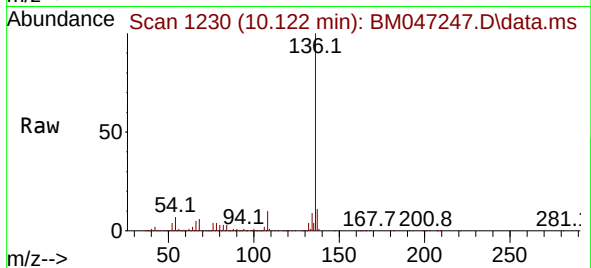




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.122 min Scan# 11
Delta R.T. -0.012 min
Lab File: BM047247.D
Acq: 19 Aug 2024 11:02

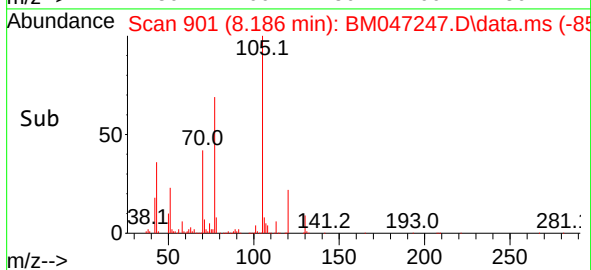
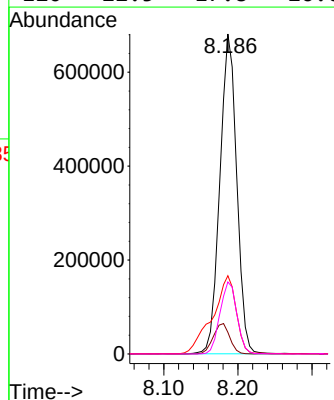
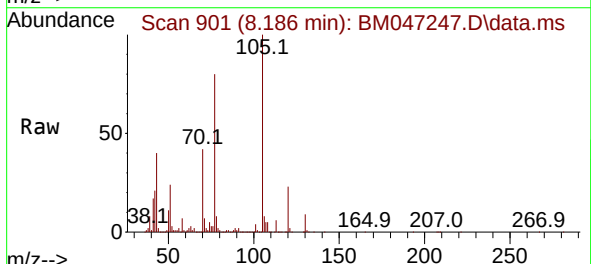
Instrument :
BNA_M
ClientSampleId :
PB162722BS

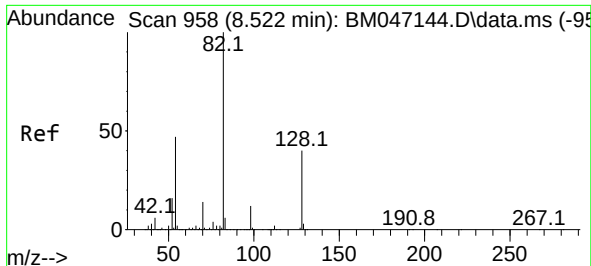
Tgt Ion:136 Resp: 1128092
Ion Ratio Lower Upper
136 100
137 11.1 8.8 13.2
54 7.0 6.0 9.0
68 6.0 4.8 7.2



#22
Acetophenone
Concen: 39.483 ng
RT: 8.186 min Scan# 901
Delta R.T. -0.012 min
Lab File: BM047247.D
Acq: 19 Aug 2024 11:02

Tgt Ion:105 Resp: 1075144
Ion Ratio Lower Upper
105 100
71 6.8 4.5 6.7#
51 24.5 20.1 30.1
120 22.5 17.8 26.6

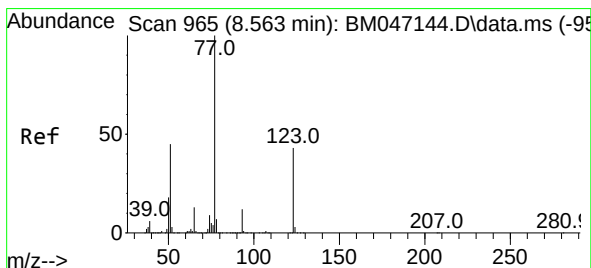
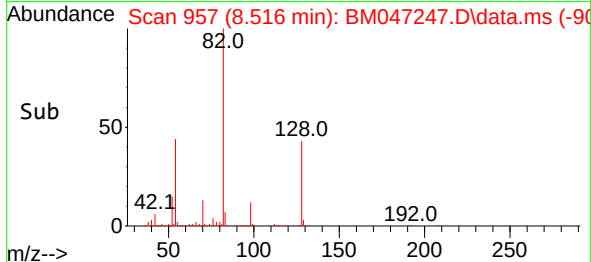
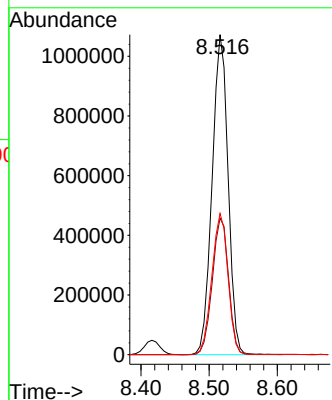
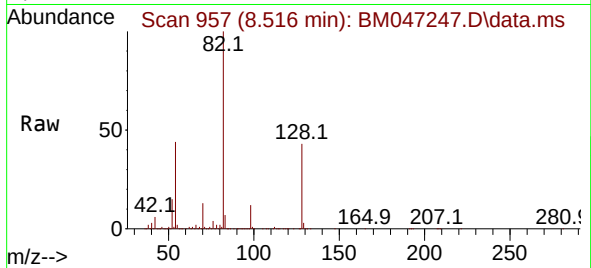




#23
Nitrobenzene-d5
Concen: 77.983 ng
RT: 8.516 min Scan# 91
Delta R.T. -0.006 min
Lab File: BM047247.D
Acq: 19 Aug 2024 11:02

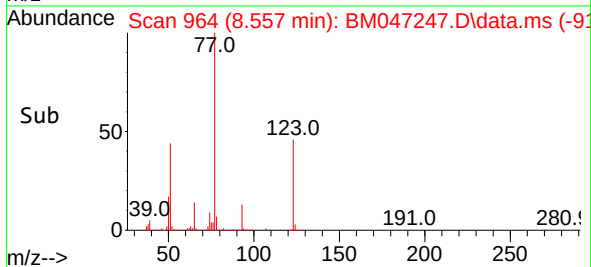
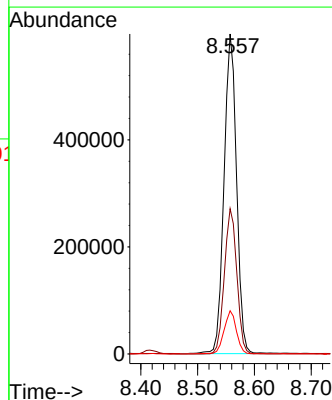
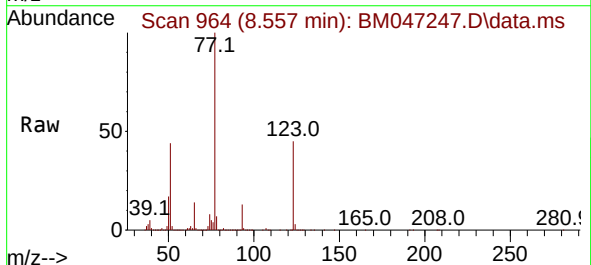
Instrument :
BNA_M
ClientSampleId :
PB162722BS

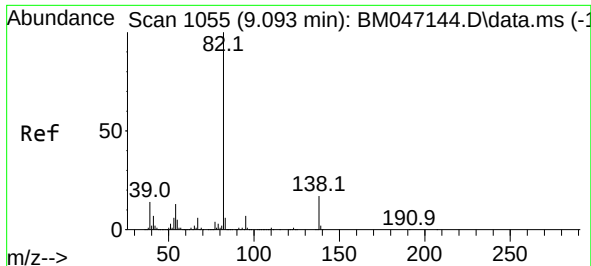
Tgt Ion: 82 Resp: 1747101
Ion Ratio Lower Upper
82 100
128 42.7 32.3 48.5
54 44.2 37.4 56.2



#24
Nitrobenzene
Concen: 40.767 ng
RT: 8.557 min Scan# 964
Delta R.T. -0.006 min
Lab File: BM047247.D
Acq: 19 Aug 2024 11:02

Tgt Ion: 77 Resp: 919665
Ion Ratio Lower Upper
77 100
123 45.4 34.0 51.0
65 13.5 10.5 15.7

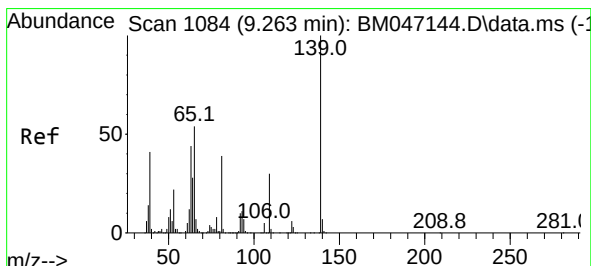
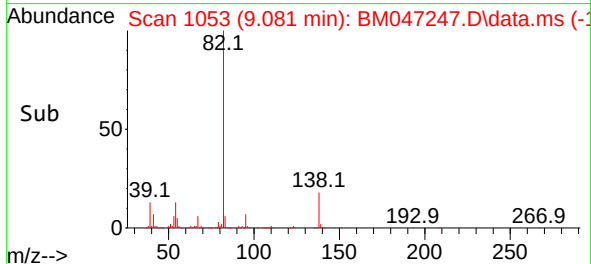
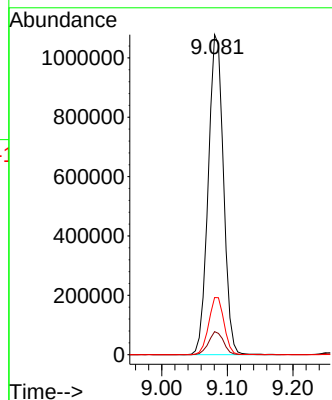
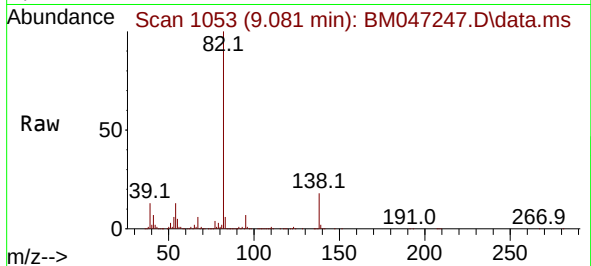




#25
Isophorone
Concen: 44.679 ng
RT: 9.081 min Scan# 1053
Delta R.T. -0.012 min
Lab File: BM047247.D
Acq: 19 Aug 2024 11:02

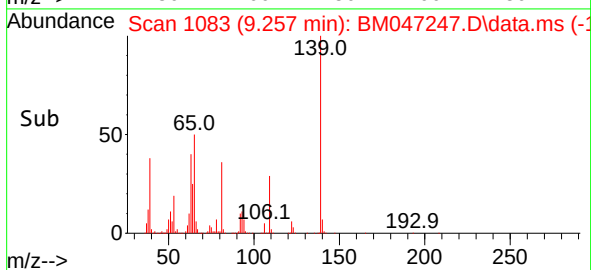
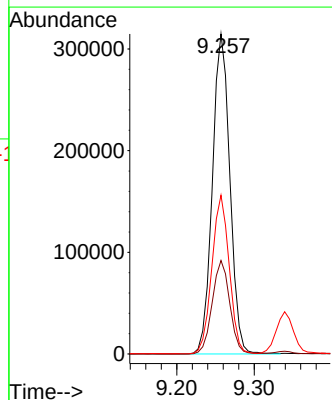
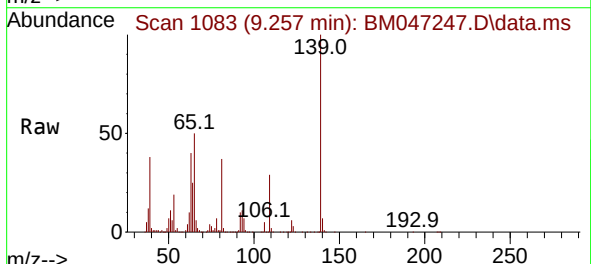
Instrument :
BNA_M
ClientSampleId :
PB162722BS

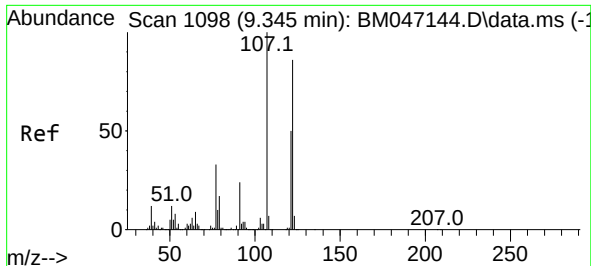
Tgt Ion: 82 Resp: 1742843
Ion Ratio Lower Upper
82 100
95 7.2 5.5 8.3
138 17.9 13.5 20.3



#26
2-Nitrophenol
Concen: 49.425 ng
RT: 9.257 min Scan# 1083
Delta R.T. -0.006 min
Lab File: BM047247.D
Acq: 19 Aug 2024 11:02

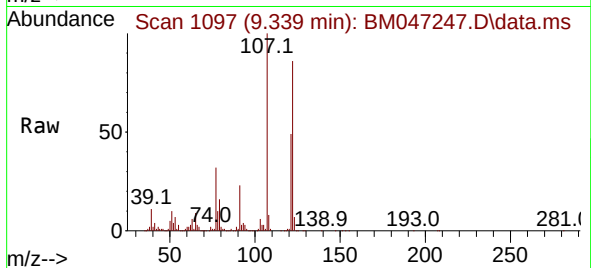
Tgt Ion:139 Resp: 493792
Ion Ratio Lower Upper
139 100
109 29.2 24.4 36.6
65 49.6 43.0 64.6



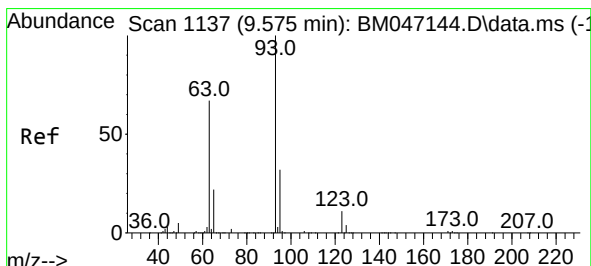
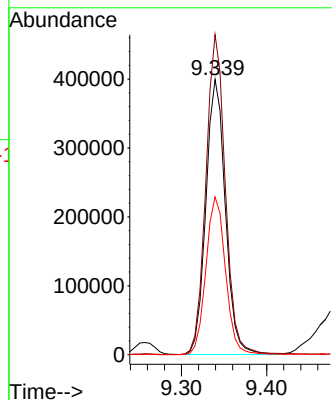
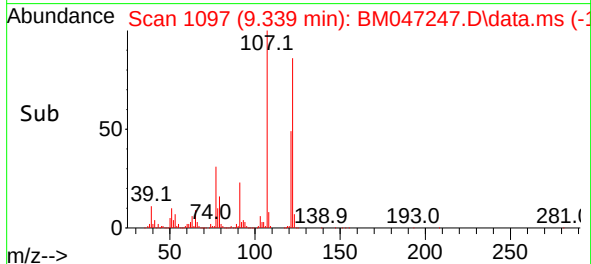


#27
2,4-Dimethylphenol
Concen: 54.318 ng
RT: 9.339 min Scan# 1097
Delta R.T. -0.006 min
Lab File: BM047247.D
Acq: 19 Aug 2024 11:02

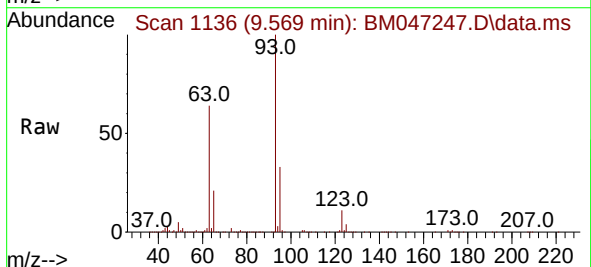
Instrument :
BNA_M
ClientSampleId :
PB162722BS



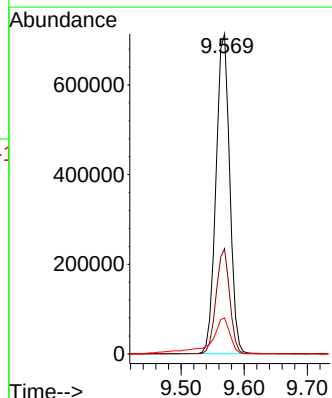
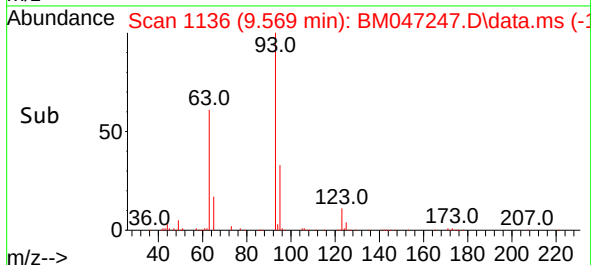
Tgt Ion:122 Resp: 635683
Ion Ratio Lower Upper
122 100
107 116.3 92.8 139.2
121 57.3 46.1 69.1

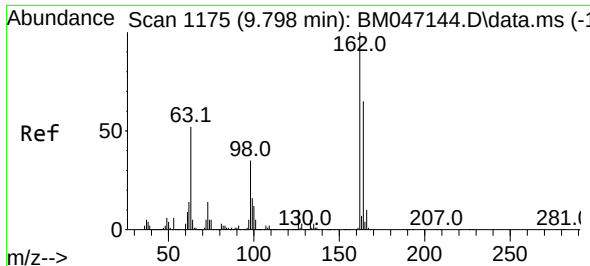


#28
bis(2-Chloroethoxy)methane
Concen: 43.689 ng
RT: 9.569 min Scan# 1136
Delta R.T. -0.006 min
Lab File: BM047247.D
Acq: 19 Aug 2024 11:02



Tgt Ion: 93 Resp: 1072334
Ion Ratio Lower Upper
93 100
95 32.9 25.8 38.8
123 11.2 9.0 13.4

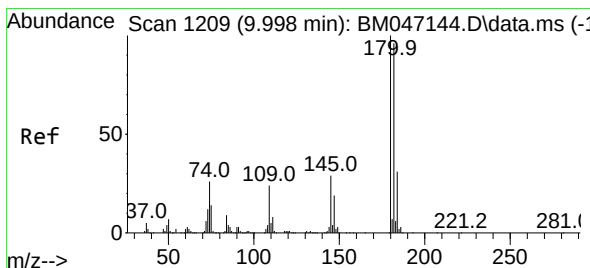
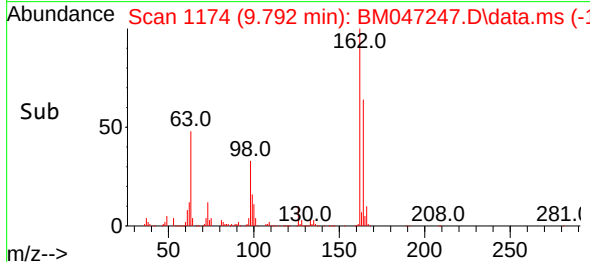
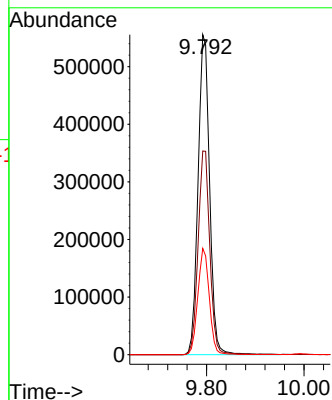
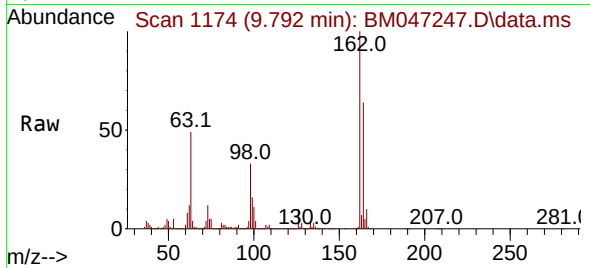




#29
2,4-Dichlorophenol
Concen: 52.959 ng
RT: 9.792 min Scan# 1175
Delta R.T. -0.006 min
Lab File: BM047247.D
Acq: 19 Aug 2024 11:02

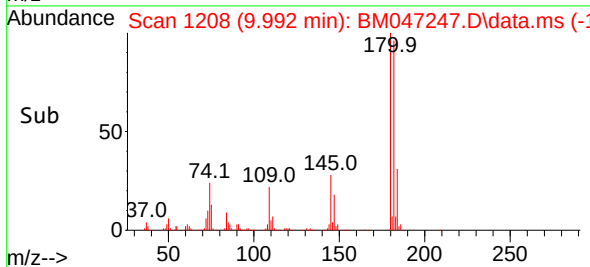
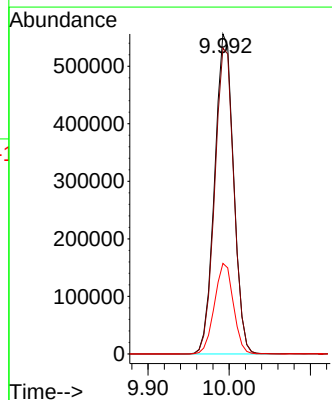
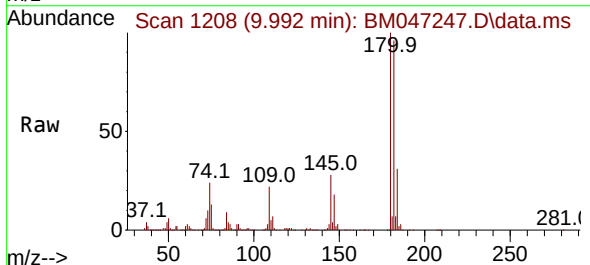
Instrument :
BNA_M
ClientSampleId :
PB162722BS

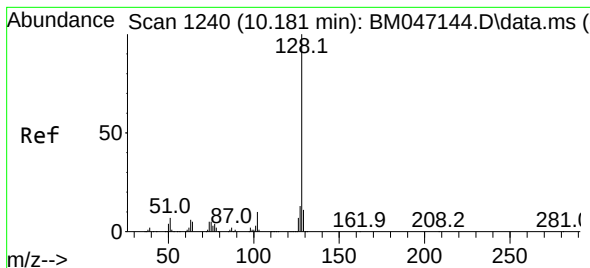
Tgt Ion:162 Resp: 919603
Ion Ratio Lower Upper
162 100
164 63.6 44.7 84.7
98 33.2 14.9 54.9



#30
1,2,4-Trichlorobenzene
Concen: 46.029 ng
RT: 9.992 min Scan# 1208
Delta R.T. -0.006 min
Lab File: BM047247.D
Acq: 19 Aug 2024 11:02

Tgt Ion:180 Resp: 904506
Ion Ratio Lower Upper
180 100
182 95.5 76.6 115.0
145 28.3 23.4 35.2

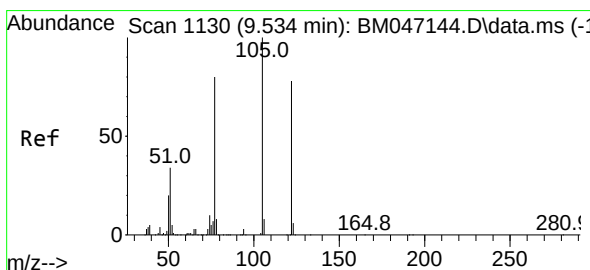
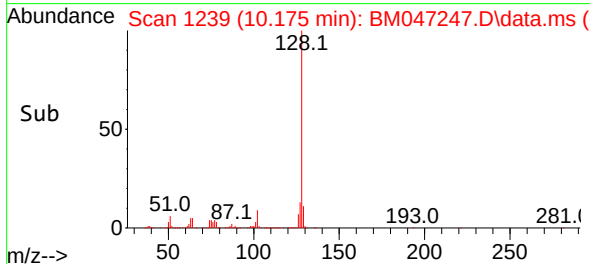
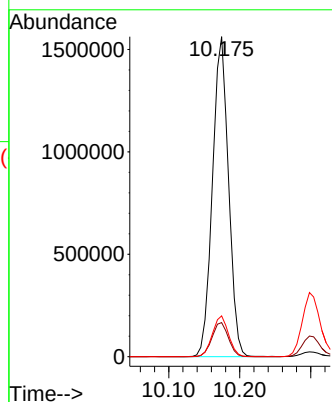
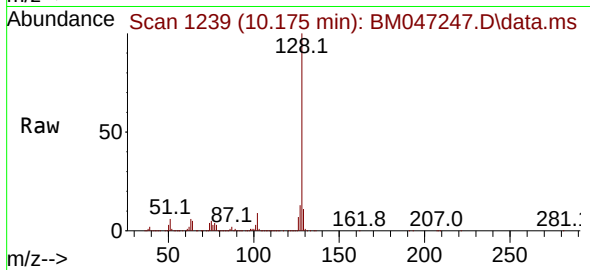




#31
Naphthalene
Concen: 43.501 ng
RT: 10.175 min Scan# 11
Delta R.T. -0.006 min
Lab File: BM047247.D
Acq: 19 Aug 2024 11:02

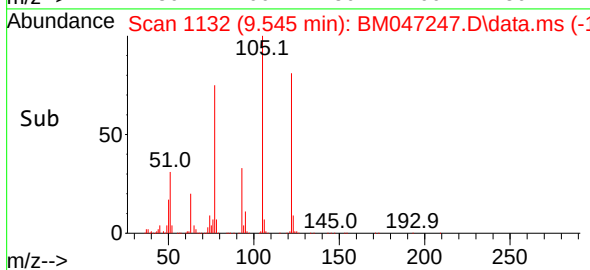
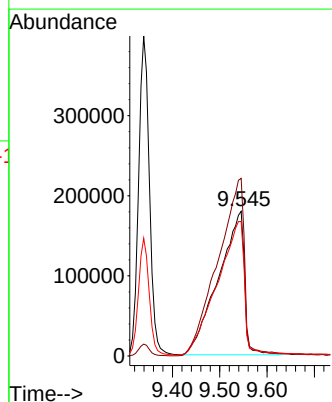
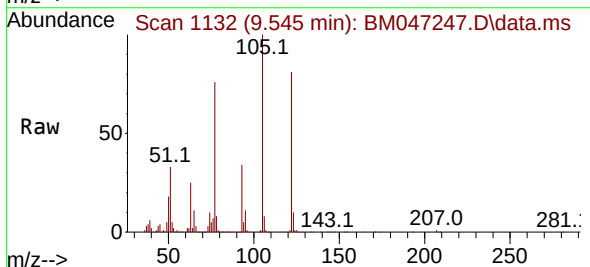
Instrument :
BNA_M
ClientSampleId :
PB162722BS

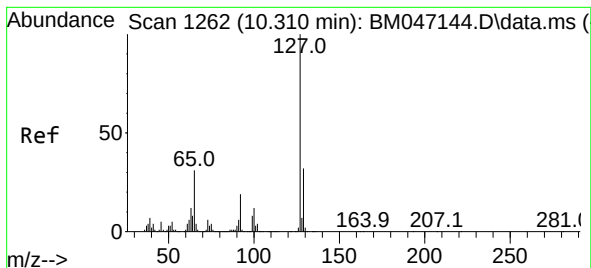
Tgt Ion:128 Resp: 2444663
Ion Ratio Lower Upper
128 100
129 10.6 8.6 13.0
127 12.8 10.2 15.4



#32
Benzoic acid
Concen: 50.347 ng
RT: 9.545 min Scan# 1132
Delta R.T. 0.011 min
Lab File: BM047247.D
Acq: 19 Aug 2024 11:02

Tgt Ion:122 Resp: 684543
Ion Ratio Lower Upper
122 100
105 122.7 107.1 147.1
77 92.9 82.1 122.1





#33

4-Chloroaniline

Concen: 26.663 ng

RT: 10.298 min Scan# 11

Delta R.T. -0.012 min

Lab File: BM047247.D

Acq: 19 Aug 2024 11:02

Instrument :

BNA_M

ClientSampleId :

PB162722BS

Tgt Ion:127 Resp: 576218

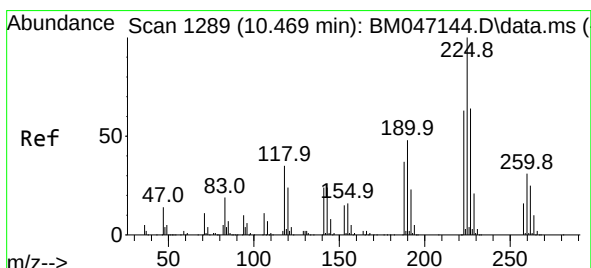
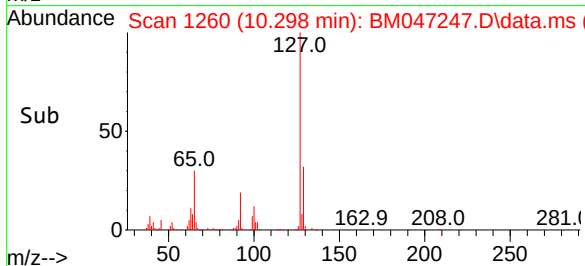
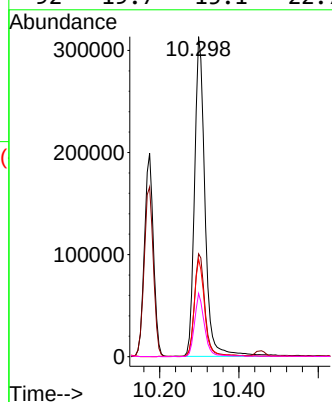
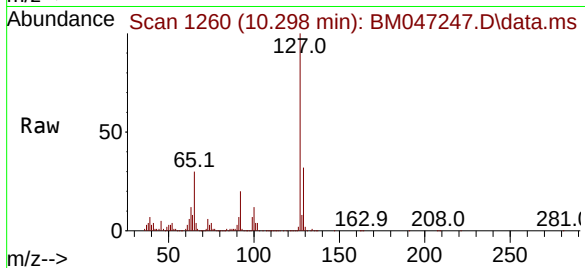
Ion Ratio Lower Upper

127 100

129 32.1 25.8 38.8

65 30.5 24.9 37.3

92 19.7 15.1 22.7



#34

Hexachlorobutadiene

Concen: 46.204 ng

RT: 10.457 min Scan# 1287

Delta R.T. -0.012 min

Lab File: BM047247.D

Acq: 19 Aug 2024 11:02

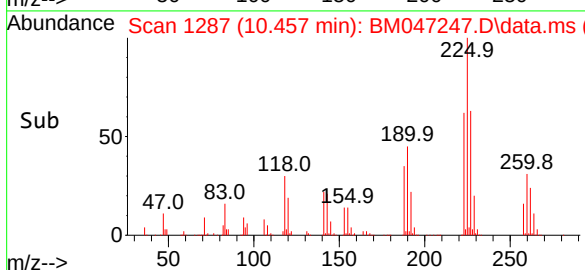
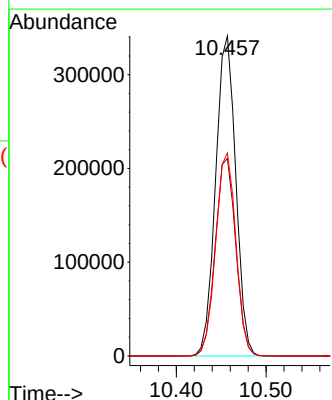
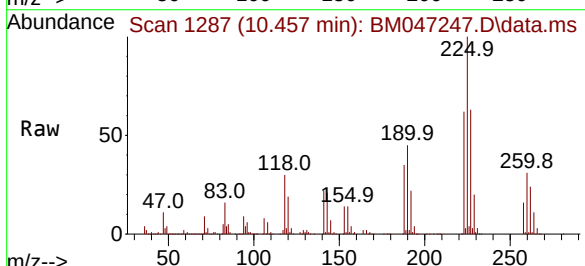
Tgt Ion:225 Resp: 531430

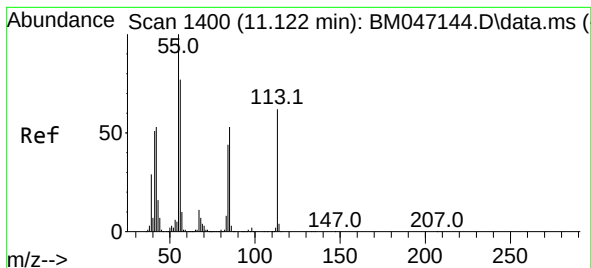
Ion Ratio Lower Upper

225 100

223 61.7 50.2 75.2

227 63.4 51.4 77.0

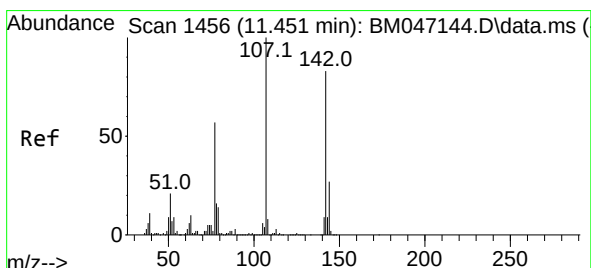
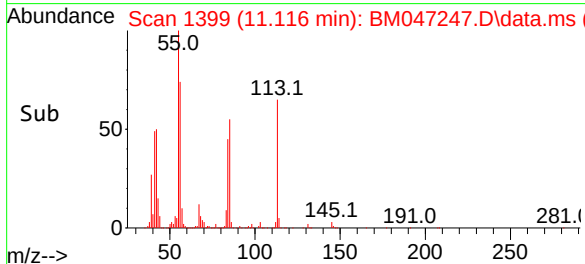
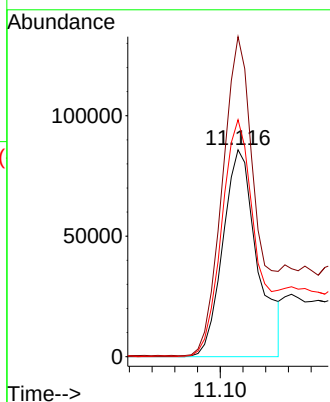
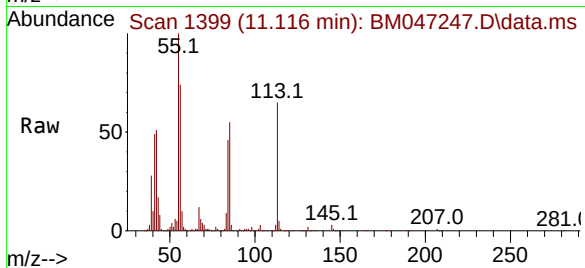




#35
Caprolactam
Concen: 30.000 ng
RT: 11.116 min Scan# 1116
Delta R.T. -0.006 min
Lab File: BM047247.D
Acq: 19 Aug 2024 11:02

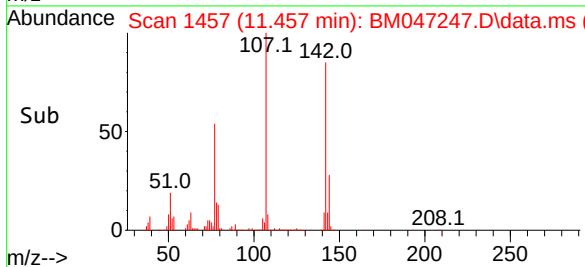
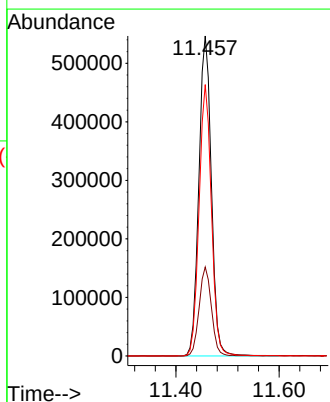
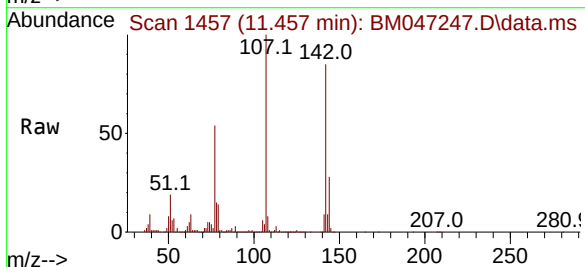
Instrument :
BNA_M
ClientSampleId :
PB162722BS

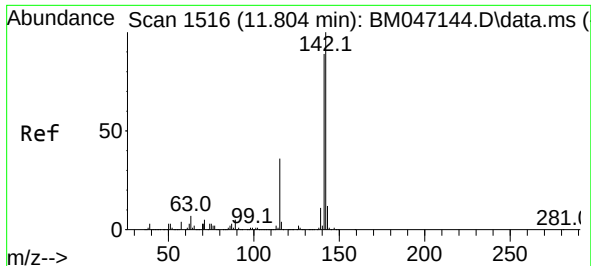
Tgt Ion:113 Resp: 180912
Ion Ratio Lower Upper
113 100
55 154.7 140.5 180.5
56 114.5 103.6 143.6



#36
4-Chloro-3-methylphenol
Concen: 49.589 ng
RT: 11.457 min Scan# 1457
Delta R.T. 0.006 min
Lab File: BM047247.D
Acq: 19 Aug 2024 11:02

Tgt Ion:107 Resp: 917053
Ion Ratio Lower Upper
107 100
144 27.8 21.8 32.6
142 84.8 66.8 100.2

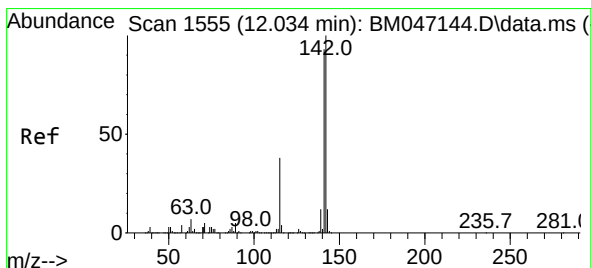
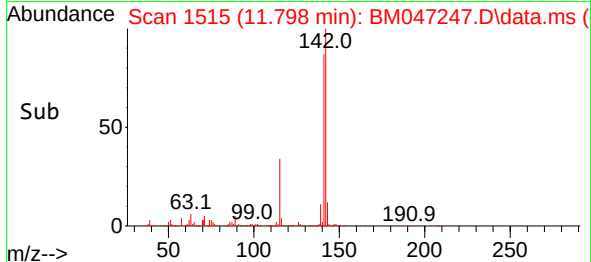
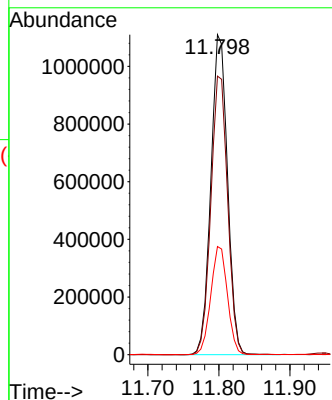
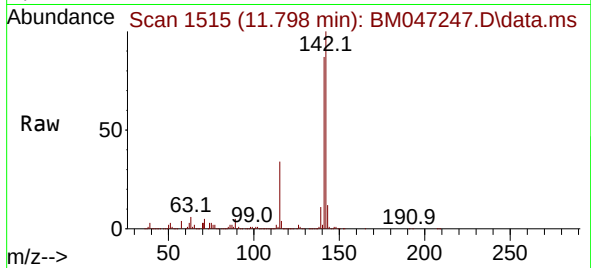




#37
2-Methylnaphthalene
Concen: 45.103 ng
RT: 11.798 min Scan# 11
Delta R.T. -0.006 min
Lab File: BM047247.D
Acq: 19 Aug 2024 11:02

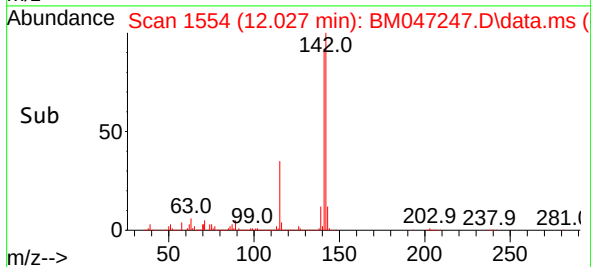
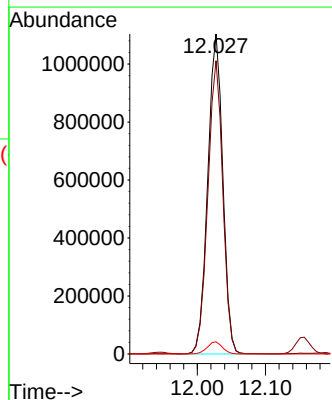
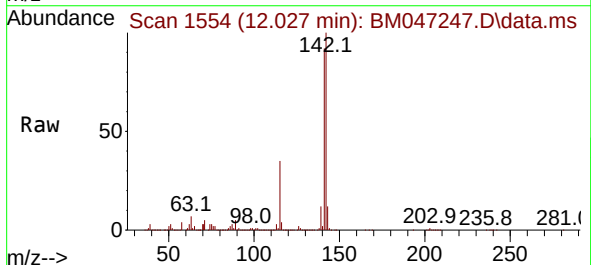
Instrument :
BNA_M
ClientSampleId :
PB162722BS

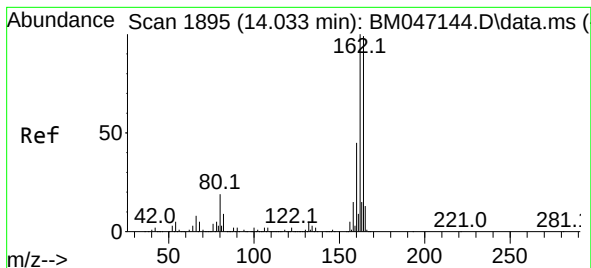
Tgt Ion:142 Resp: 1804704
Ion Ratio Lower Upper
142 100
141 87.0 70.9 106.3
115 33.8 28.7 43.1



#38
1-Methylnaphthalene
Concen: 42.830 ng
RT: 12.027 min Scan# 1554
Delta R.T. -0.006 min
Lab File: BM047247.D
Acq: 19 Aug 2024 11:02

Tgt Ion:142 Resp: 1693690
Ion Ratio Lower Upper
142 100
141 91.7 74.6 111.8
116 3.8 3.1 4.7





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.033 min Scan# 11

Delta R.T. -0.000 min

Lab File: BM047247.D

Acq: 19 Aug 2024 11:02

Instrument :

BNA_M

ClientSampleId :

PB162722BS

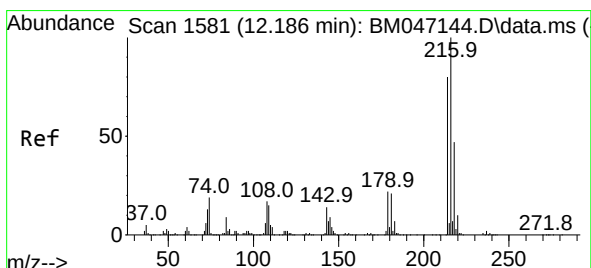
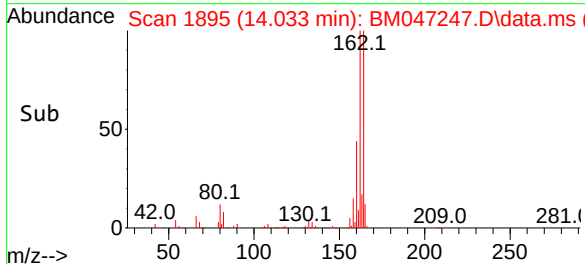
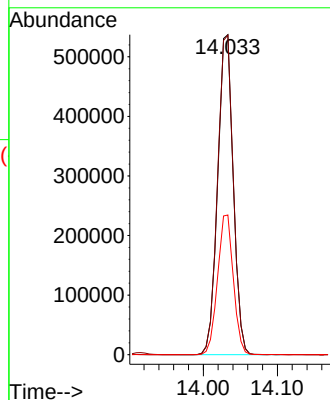
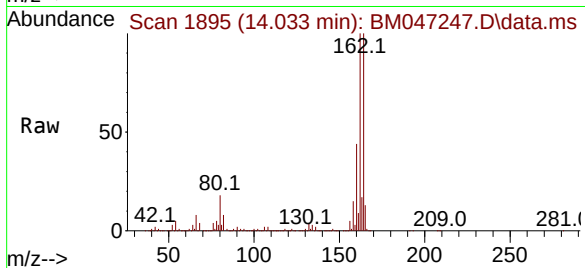
Tgt Ion:164 Resp: 782637

Ion Ratio Lower Upper

164 100

162 99.9 80.7 121.1

160 43.6 36.0 54.0



#40

1,2,4,5-Tetrachlorobenzene

Concen: 44.062 ng

RT: 12.186 min Scan# 1581

Delta R.T. -0.000 min

Lab File: BM047247.D

Acq: 19 Aug 2024 11:02

Tgt Ion:216 Resp: 940589

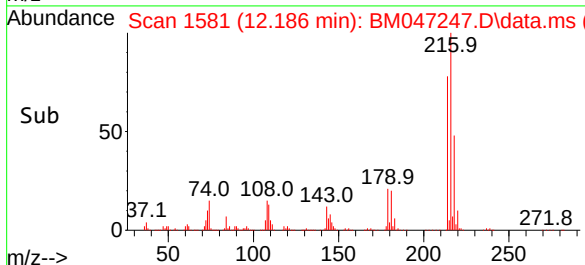
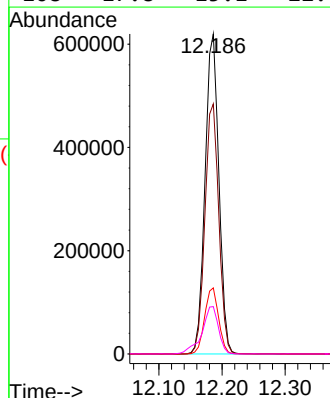
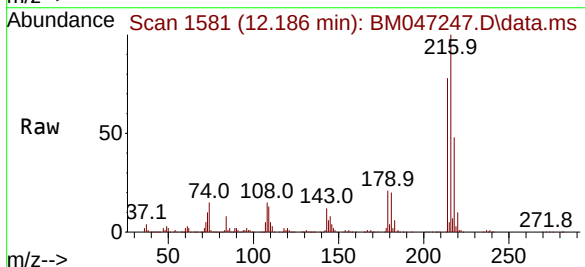
Ion Ratio Lower Upper

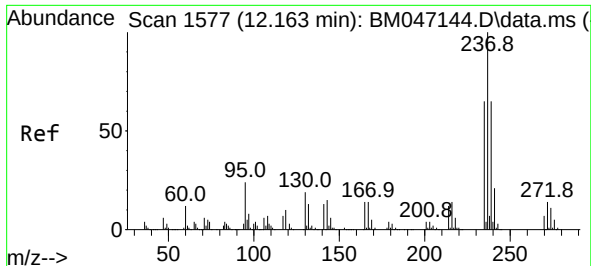
216 100

214 78.8 63.4 95.2

179 20.8 17.6 26.4

108 17.8 15.1 22.7

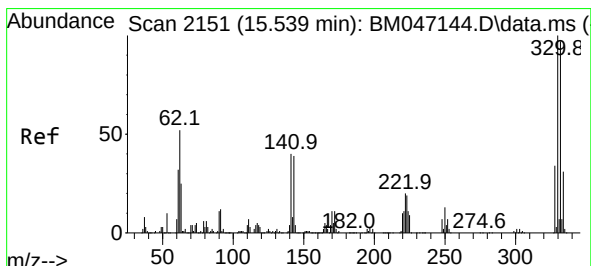
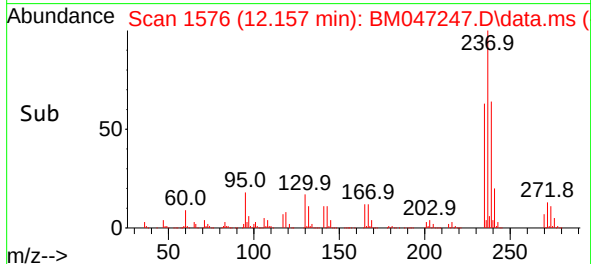
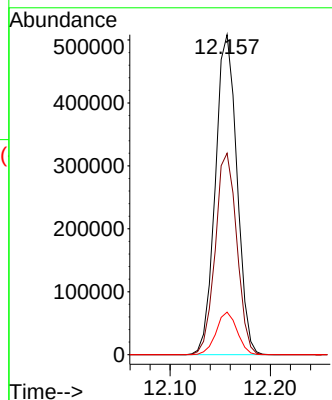
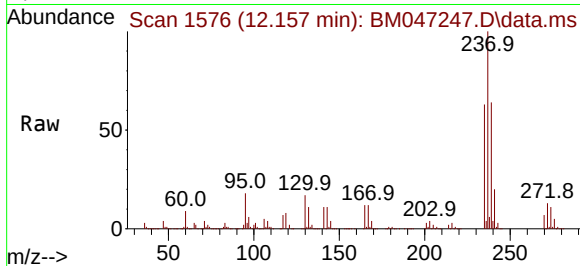




#41
Hexachlorocyclopentadiene
Concen: 101.784 ng
RT: 12.157 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM047247.D
Acq: 19 Aug 2024 11:02

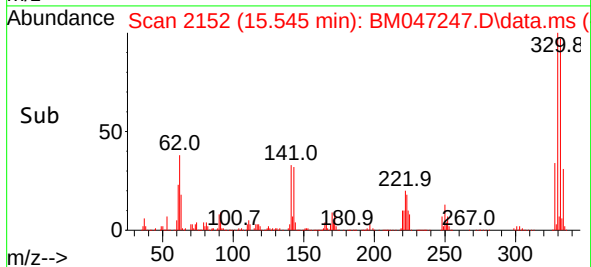
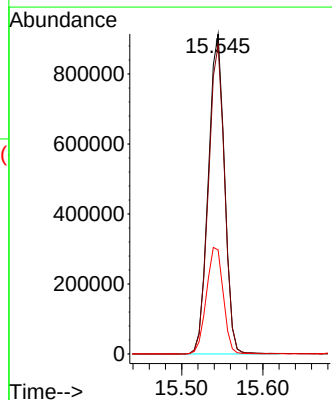
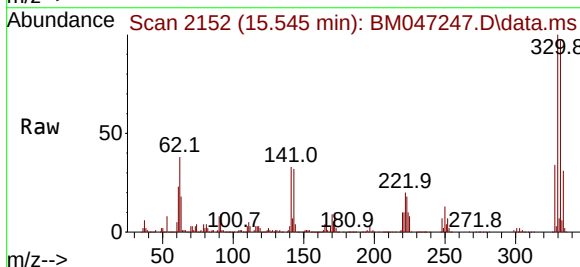
Instrument :
BNA_M
ClientSampleId :
PB162722BS

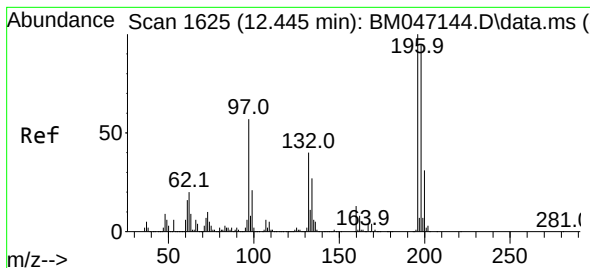
Tgt Ion:237 Resp: 758699
Ion Ratio Lower Upper
237 100
235 62.9 44.8 84.8
272 13.3 0.0 33.5



#42
2,4,6-Tribromophenol
Concen: 139.323 ng
RT: 15.545 min Scan# 2152
Delta R.T. 0.006 min
Lab File: BM047247.D
Acq: 19 Aug 2024 11:02

Tgt Ion:330 Resp: 1264332
Ion Ratio Lower Upper
330 100
332 96.9 77.4 116.2
141 34.7 31.6 47.4





#43

2,4,6-Trichlorophenol

Concen: 50.999 ng

RT: 12.445 min Scan# 1

Delta R.T. -0.000 min

Lab File: BM047247.D

Acq: 19 Aug 2024 11:02

Instrument :

BNA_M

ClientSampleId :

PB162722BS

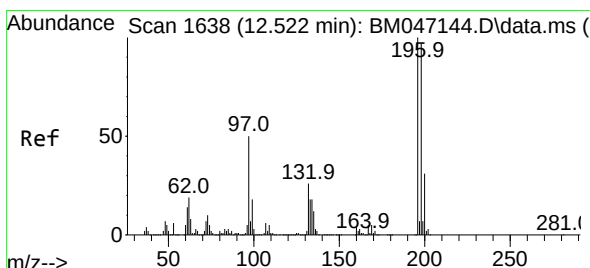
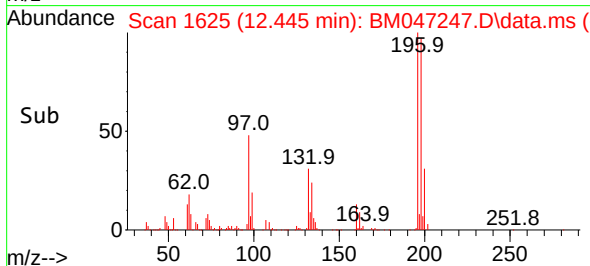
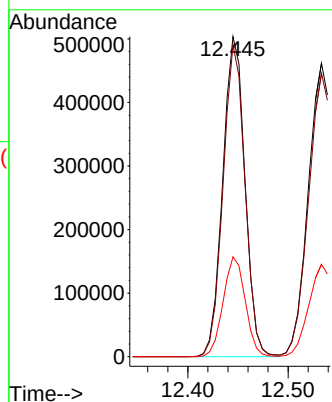
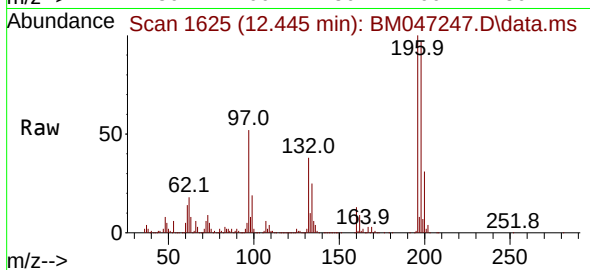
Tgt Ion:196 Resp: 773787

Ion Ratio Lower Upper

196 100

198 97.5 75.6 113.4

200 31.2 24.6 37.0



#44

2,4,5-Trichlorophenol

Concen: 47.420 ng

RT: 12.533 min Scan# 1640

Delta R.T. 0.011 min

Lab File: BM047247.D

Acq: 19 Aug 2024 11:02

Tgt Ion:196 Resp: 798852

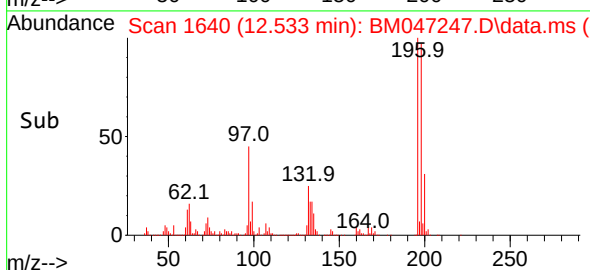
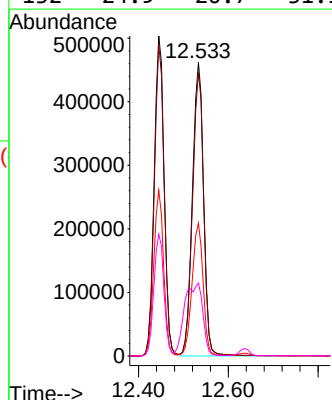
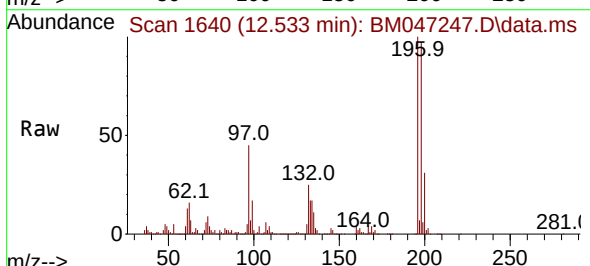
Ion Ratio Lower Upper

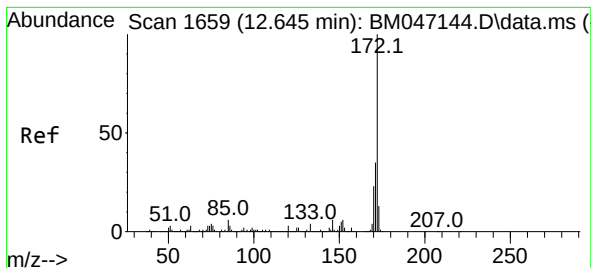
196 100

198 96.6 77.7 116.5

97 45.3 39.8 59.8

132 24.9 20.7 31.1





#45

2-Fluorobiphenyl

Concen: 82.127 ng

RT: 12.639 min Scan# 1

Delta R.T. -0.006 min

Lab File: BM047247.D

Acq: 19 Aug 2024 11:02

Instrument :

BNA_M

ClientSampleId :

PB162722BS

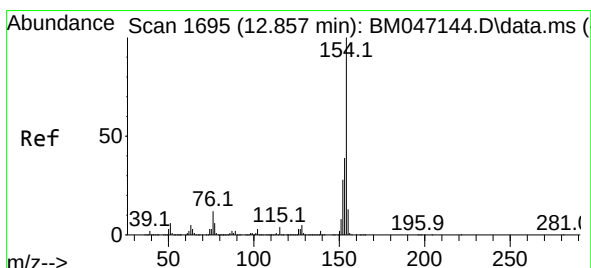
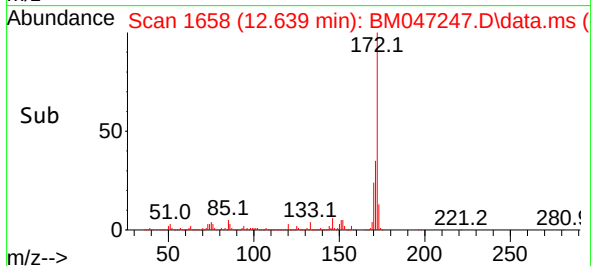
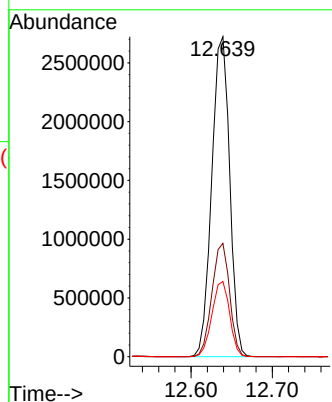
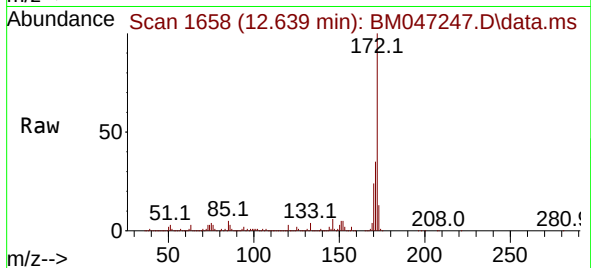
Tgt Ion:172 Resp: 4166905

Ion Ratio Lower Upper

172 100

171 35.4 27.8 41.6

170 23.5 18.7 28.1



#46

1,1'-Biphenyl

Concen: 39.929 ng

RT: 12.851 min Scan# 1694

Delta R.T. -0.006 min

Lab File: BM047247.D

Acq: 19 Aug 2024 11:02

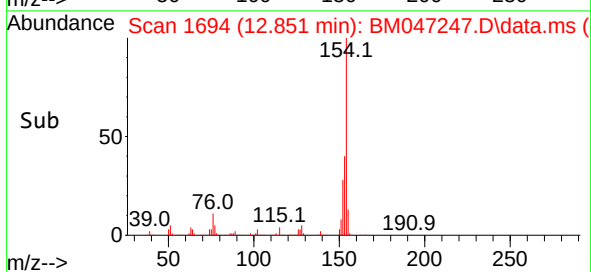
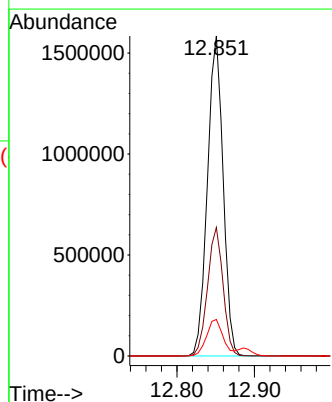
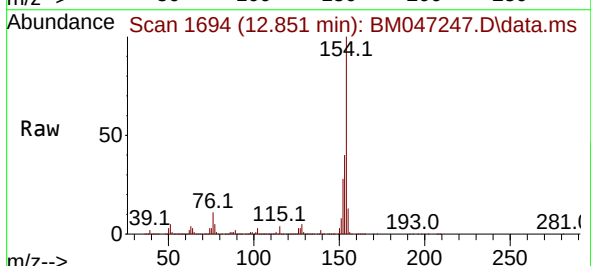
Tgt Ion:154 Resp: 2224711

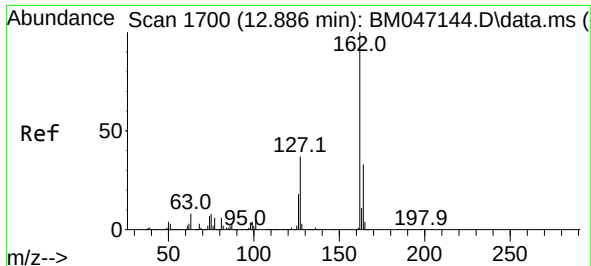
Ion Ratio Lower Upper

154 100

153 40.1 19.0 59.0

76 11.4 0.0 31.9

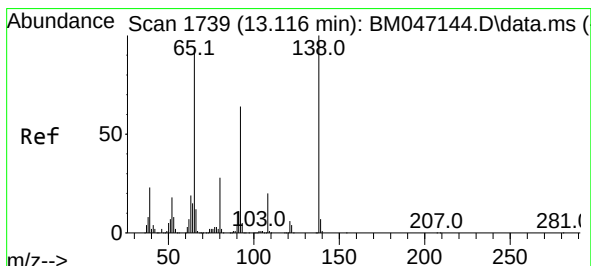
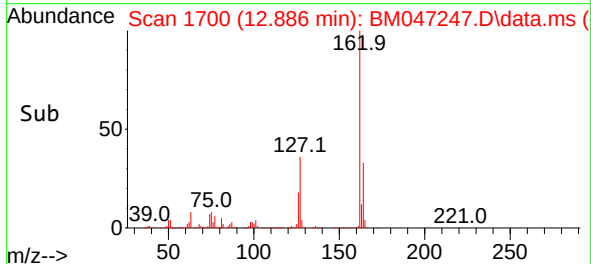
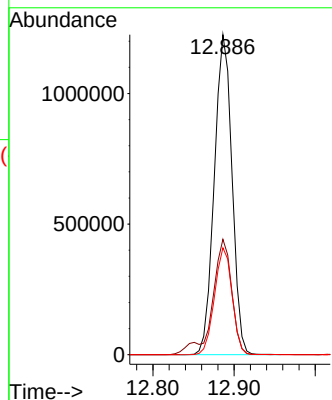
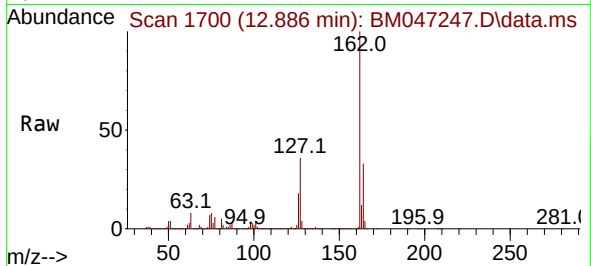




#47
2-Chloronaphthalene
Concen: 42.642 ng
RT: 12.886 min Scan# 1700
Delta R.T. -0.000 min
Lab File: BM047247.D
Acq: 19 Aug 2024 11:02

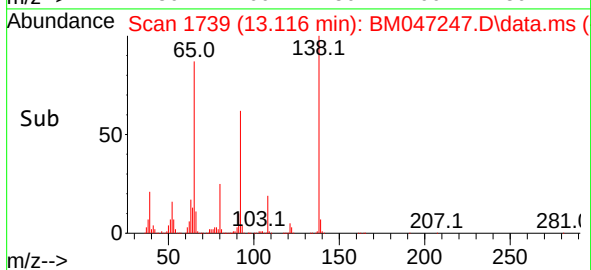
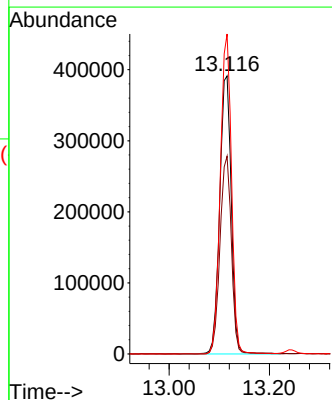
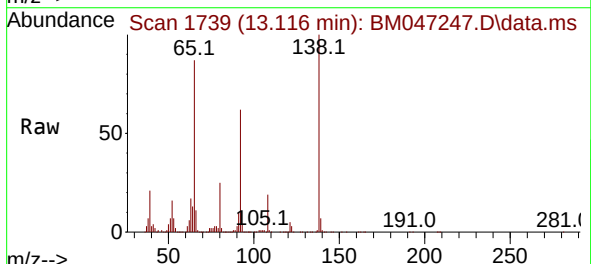
Instrument :
BNA_M
ClientSampleId :
PB162722BS

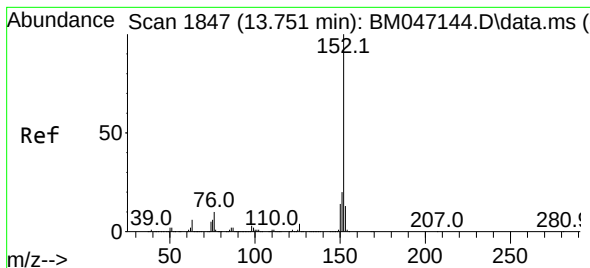
Tgt Ion:162 Resp: 1857007
Ion Ratio Lower Upper
162 100
127 36.1 30.0 45.0
164 33.4 26.3 39.5



#48
2-Nitroaniline
Concen: 45.804 ng
RT: 13.116 min Scan# 1739
Delta R.T. -0.000 min
Lab File: BM047247.D
Acq: 19 Aug 2024 11:02

Tgt Ion: 65 Resp: 624912
Ion Ratio Lower Upper
65 100
92 71.1 55.1 82.7
138 115.1 85.9 128.9





#49

Acenaphthylene

Concen: 47.861 ng

RT: 13.745 min Scan# 1

Delta R.T. -0.006 min

Lab File: BM047247.D

Acq: 19 Aug 2024 11:02

Instrument :

BNA_M

ClientSampleId :

PB162722BS

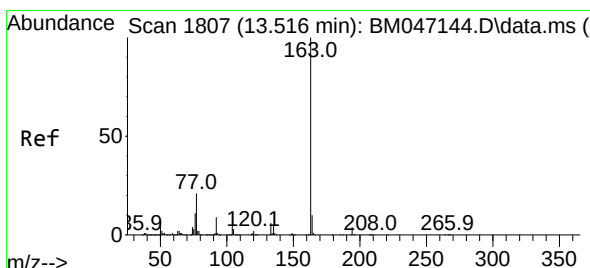
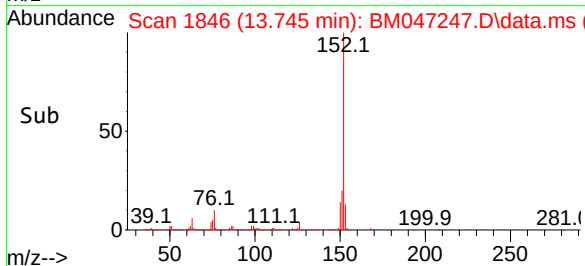
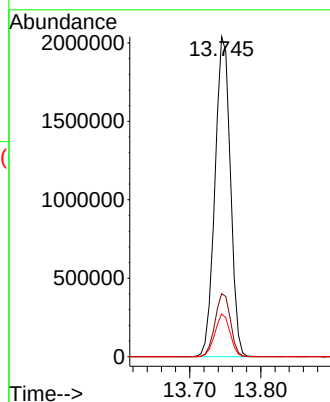
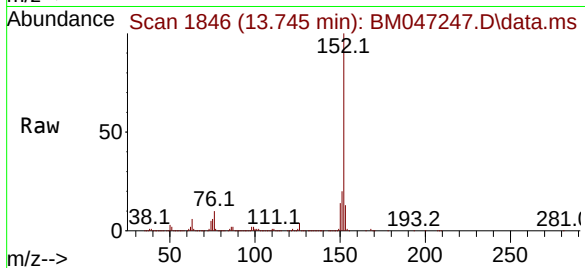
Tgt Ion:152 Resp: 3072328

Ion Ratio Lower Upper

152 100

151 19.7 15.8 23.6

153 13.4 10.4 15.6



#50

Dimethylphthalate

Concen: 46.629 ng

RT: 13.510 min Scan# 1806

Delta R.T. -0.006 min

Lab File: BM047247.D

Acq: 19 Aug 2024 11:02

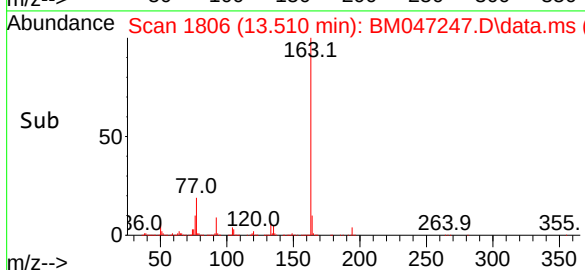
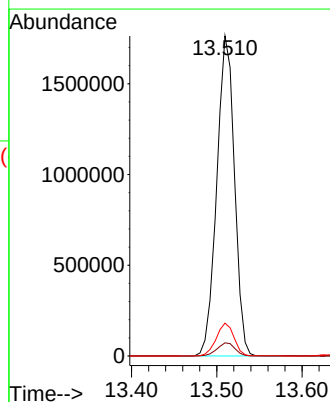
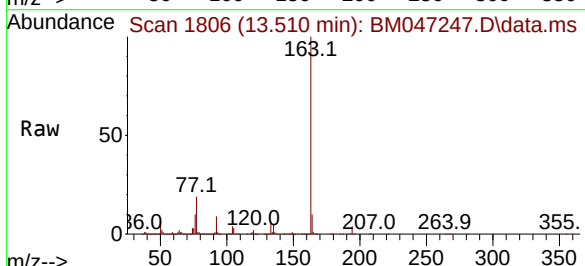
Tgt Ion:163 Resp: 2548718

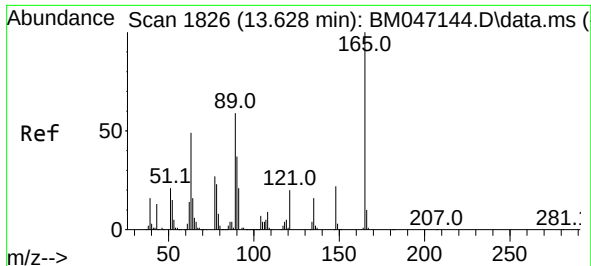
Ion Ratio Lower Upper

163 100

194 4.1 3.0 4.6

164 10.2 8.0 12.0

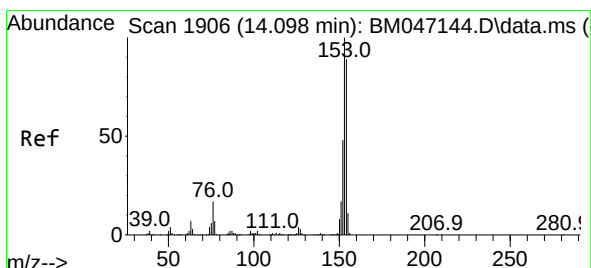
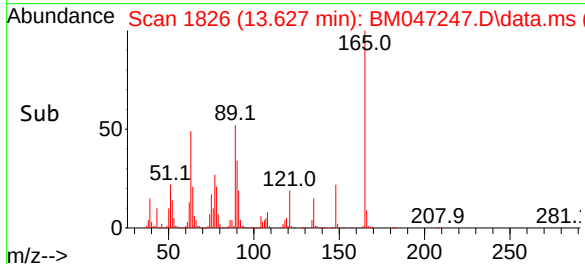
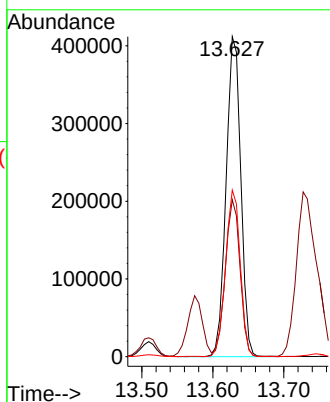
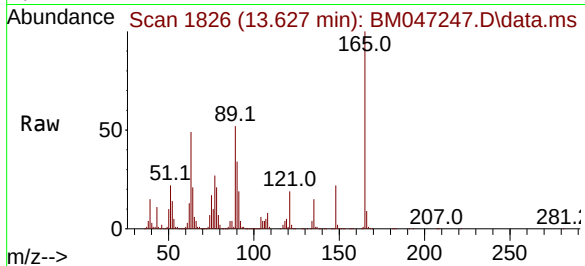




#51
2,6-Dinitrotoluene
Concen: 46.226 ng
RT: 13.627 min Scan# 1826
Delta R.T. -0.000 min
Lab File: BM047247.D
Acq: 19 Aug 2024 11:02

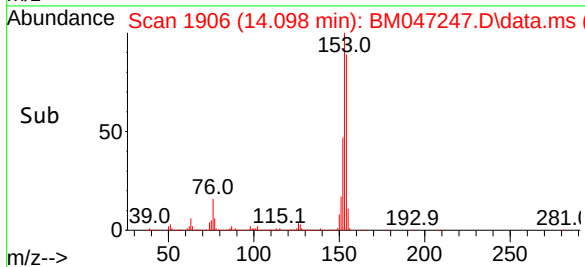
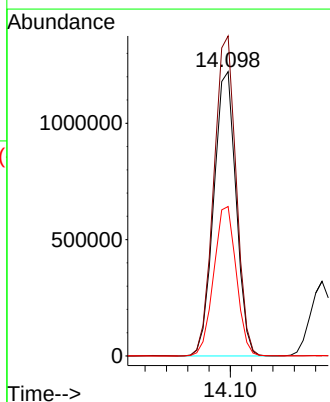
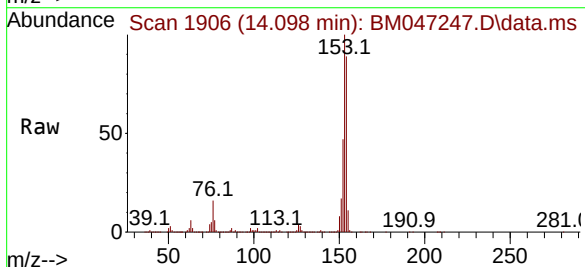
Instrument :
BNA_M
ClientSampleId :
PB162722BS

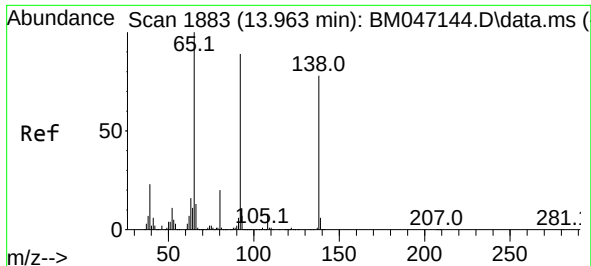
Tgt Ion:165 Resp: 590654
Ion Ratio Lower Upper
165 100
63 49.0 46.5 69.7
89 52.1 47.3 70.9



#52
Acenaphthene
Concen: 43.583 ng
RT: 14.098 min Scan# 1906
Delta R.T. -0.000 min
Lab File: BM047247.D
Acq: 19 Aug 2024 11:02

Tgt Ion:154 Resp: 1774674
Ion Ratio Lower Upper
154 100
153 112.5 90.3 135.5
152 52.6 42.9 64.3

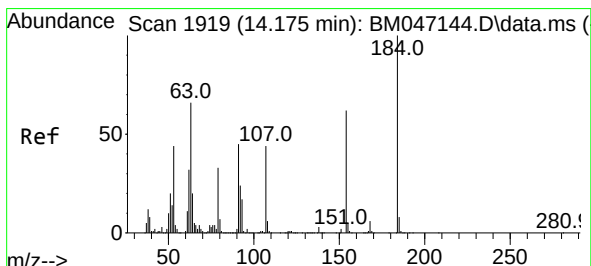
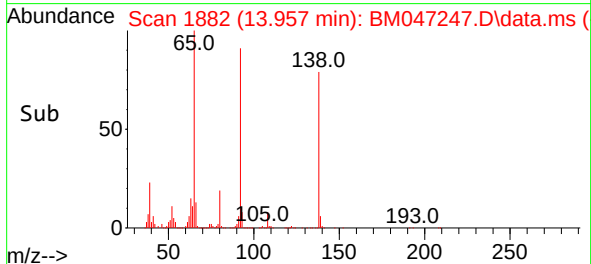
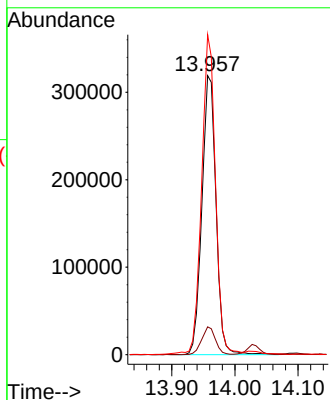
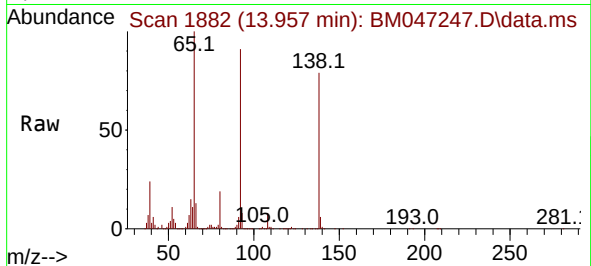




#53
3-Nitroaniline
Concen: 38.645 ng
RT: 13.957 min Scan# 1882
Delta R.T. -0.006 min
Lab File: BM047247.D
Acq: 19 Aug 2024 11:02

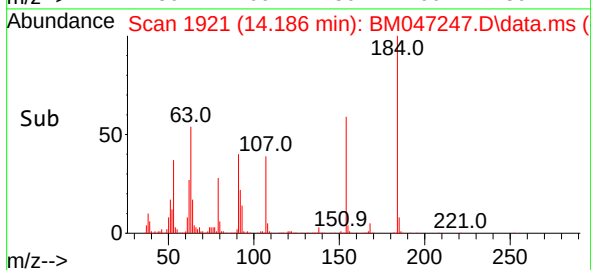
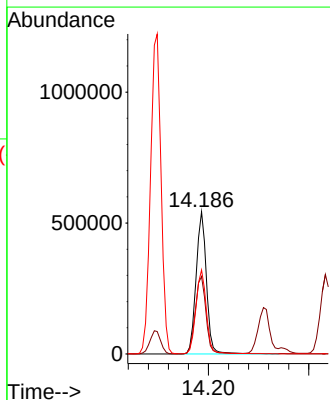
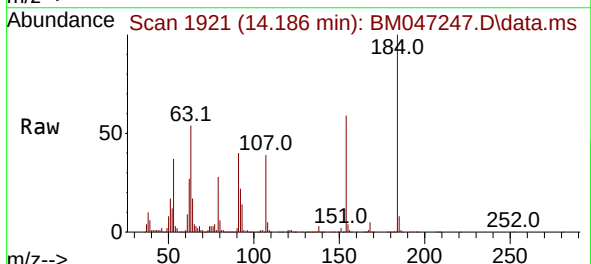
Instrument :
BNA_M
ClientSampleId :
PB162722BS

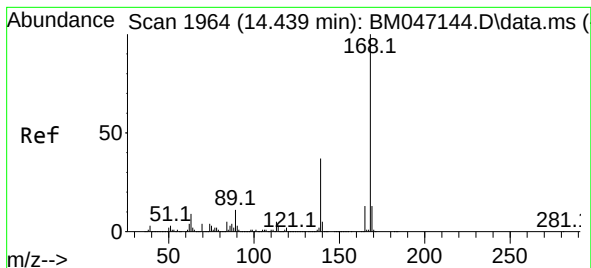
Tgt Ion:138 Resp: 494794
Ion Ratio Lower Upper
138 100
108 10.0 7.9 11.9
92 114.7 92.0 138.0



#54
2,4-Dinitrophenol
Concen: 101.598 ng
RT: 14.186 min Scan# 1921
Delta R.T. 0.011 min
Lab File: BM047247.D
Acq: 19 Aug 2024 11:02

Tgt Ion:184 Resp: 778051
Ion Ratio Lower Upper
184 100
63 54.5 52.7 79.1
154 59.1 50.4 75.6





#55

Dibenzofuran

Concen: 45.336 ng

RT: 14.439 min Scan# 1964

Delta R.T. -0.000 min

Lab File: BM047247.D

Acq: 19 Aug 2024 11:02

Instrument :

BNA_M

ClientSampleId :

PB162722BS

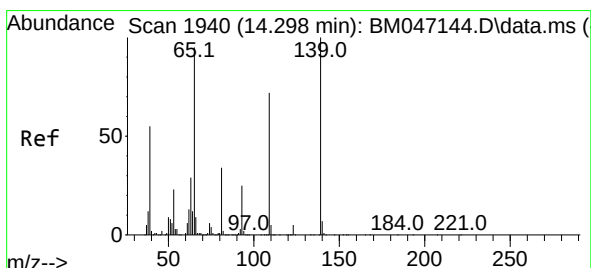
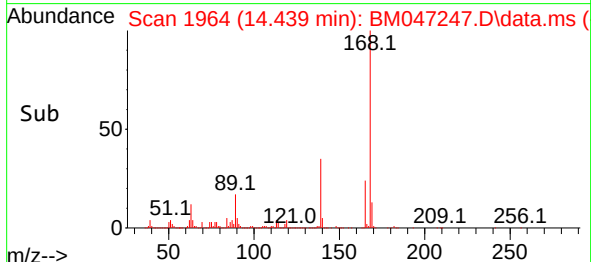
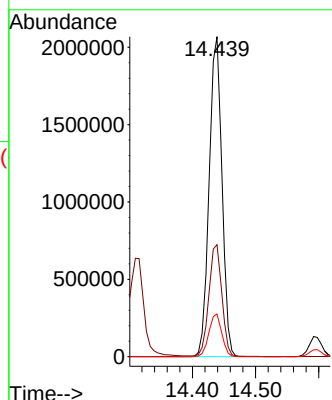
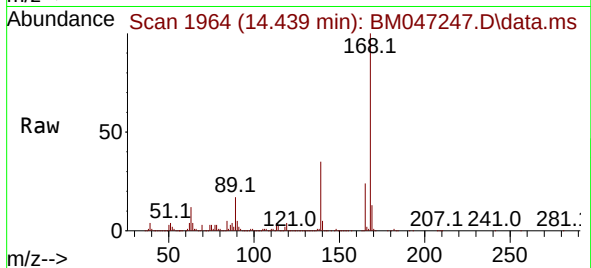
Tgt Ion:168 Resp: 2915910

Ion Ratio Lower Upper

168 100

139 35.0 29.6 44.4

169 13.4 10.7 16.1



#56

4-Nitrophenol

Concen: 94.856 ng

RT: 14.310 min Scan# 1942

Delta R.T. 0.012 min

Lab File: BM047247.D

Acq: 19 Aug 2024 11:02

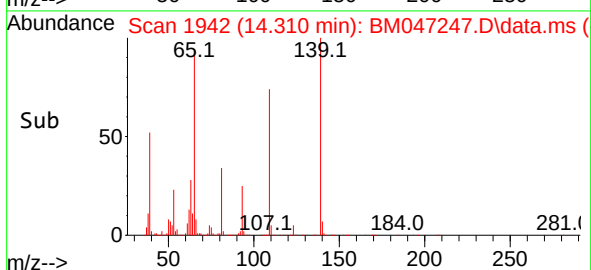
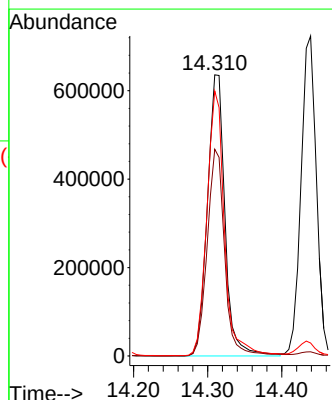
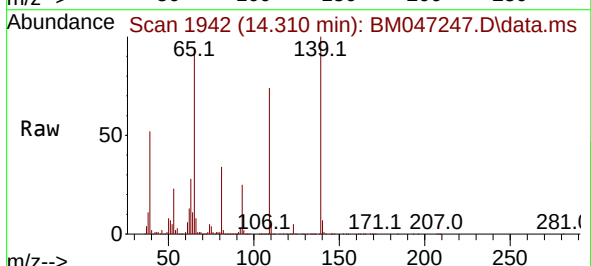
Tgt Ion:139 Resp: 1047264

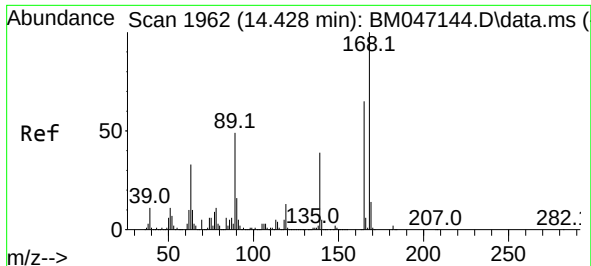
Ion Ratio Lower Upper

139 100

109 73.6 52.5 92.5

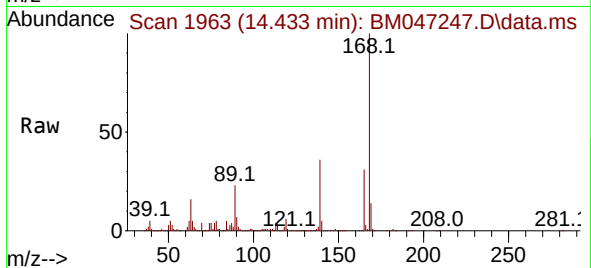
65 94.2 75.4 115.4



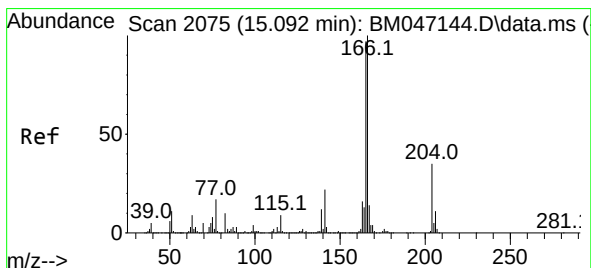
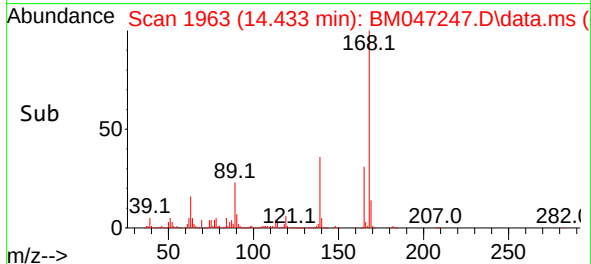
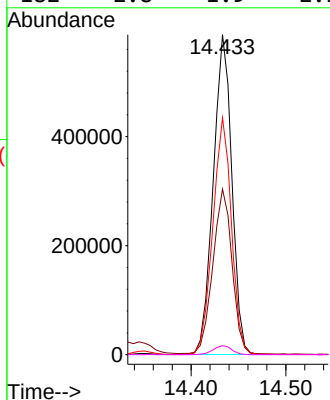


#57
2,4-Dinitrotoluene
Concen: 47.009 ng
RT: 14.433 min Scan# 1963
Delta R.T. 0.006 min
Lab File: BM047247.D
Acq: 19 Aug 2024 11:02

Instrument :
BNA_M
ClientSampleId :
PB162722BS

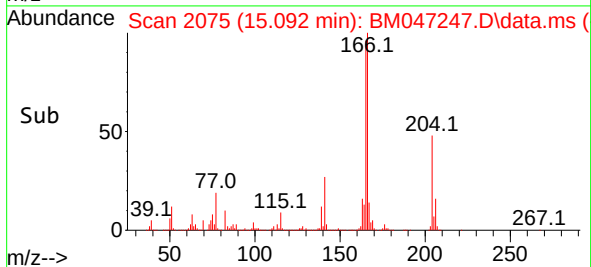
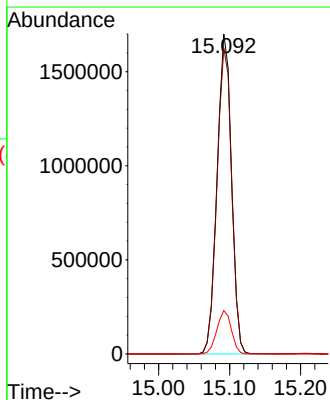
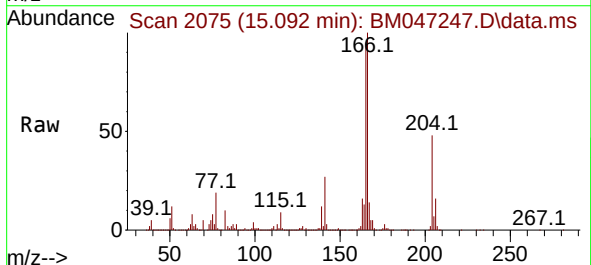


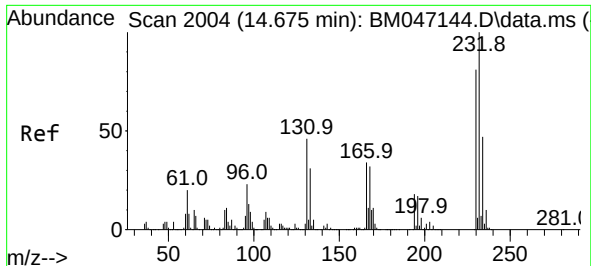
Tgt Ion:165 Resp: 801733
Ion Ratio Lower Upper
165 100
63 51.7 40.3 60.5
89 74.0 61.0 91.6
182 2.8 1.9 2.9



#58
Fluorene
Concen: 45.081 ng
RT: 15.092 min Scan# 2075
Delta R.T. -0.000 min
Lab File: BM047247.D
Acq: 19 Aug 2024 11:02

Tgt Ion:166 Resp: 2392425
Ion Ratio Lower Upper
166 100
165 95.5 77.4 116.0
167 13.5 11.0 16.6

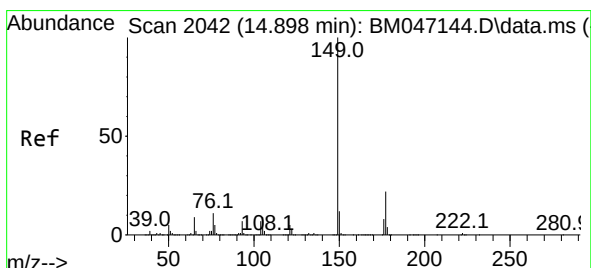
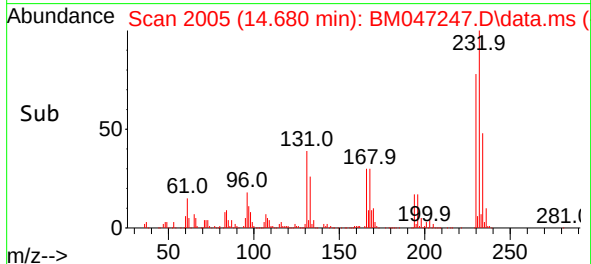
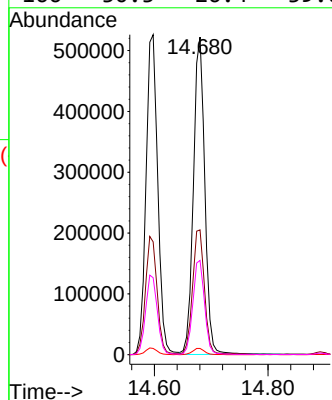
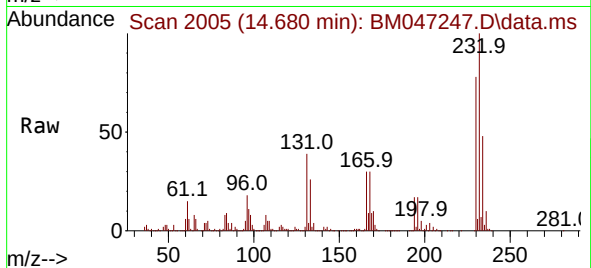




#59
2,3,4,6-Tetrachlorophenol
Concen: 52.702 ng
RT: 14.680 min Scan# 2005
Delta R.T. 0.006 min
Lab File: BM047247.D
Acq: 19 Aug 2024 11:02

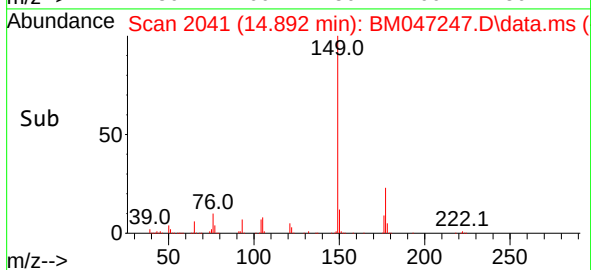
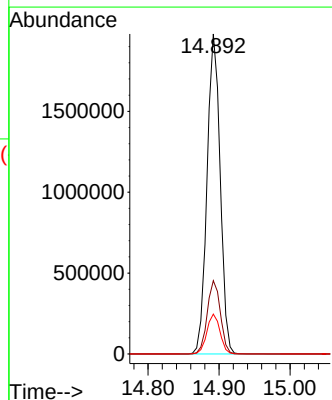
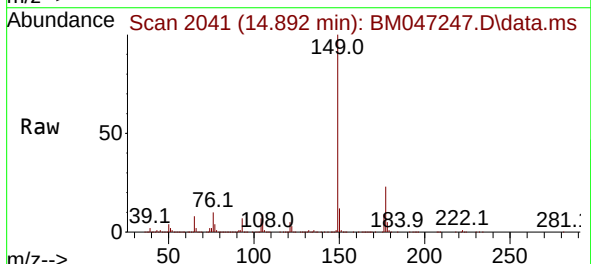
Instrument :
BNA_M
ClientSampleId :
PB162722BS

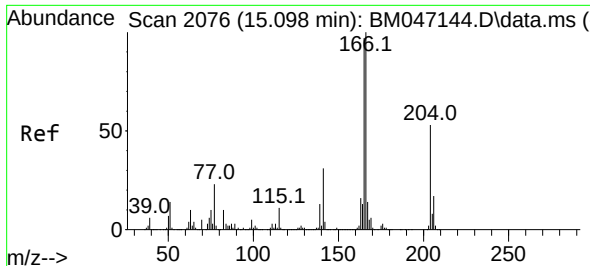
Tgt Ion:232 Resp: 729672
Ion Ratio Lower Upper
232 100
131 40.1 36.9 55.3
130 2.1 2.0 3.0
166 30.3 26.4 39.6



#60
Diethylphthalate
Concen: 45.568 ng
RT: 14.892 min Scan# 2041
Delta R.T. -0.006 min
Lab File: BM047247.D
Acq: 19 Aug 2024 11:02

Tgt Ion:149 Resp: 2543505
Ion Ratio Lower Upper
149 100
177 22.9 17.6 26.4
150 12.4 9.8 14.6

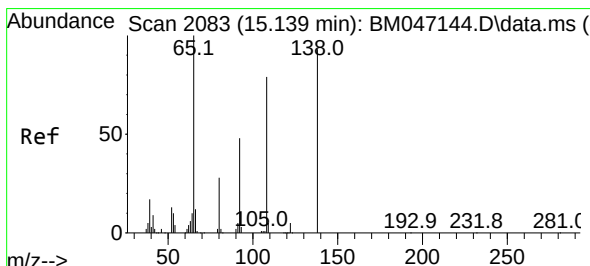
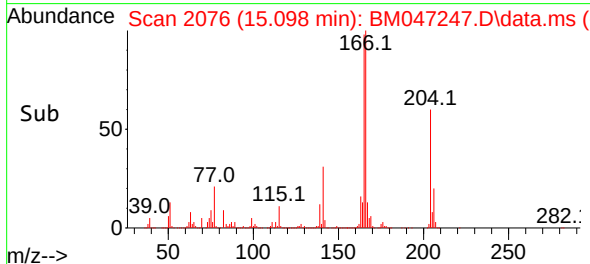
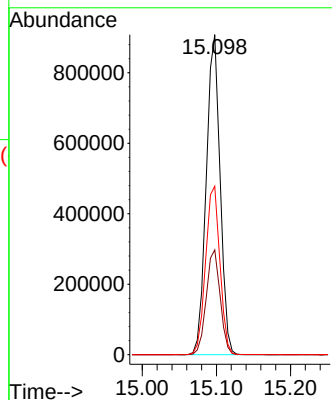
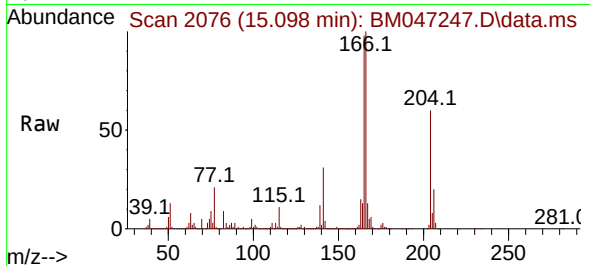




#61
4-Chlorophenyl-phenylether
Concen: 46.681 ng
RT: 15.098 min Scan# 2076
Delta R.T. -0.000 min
Lab File: BM047247.D
Acq: 19 Aug 2024 11:02

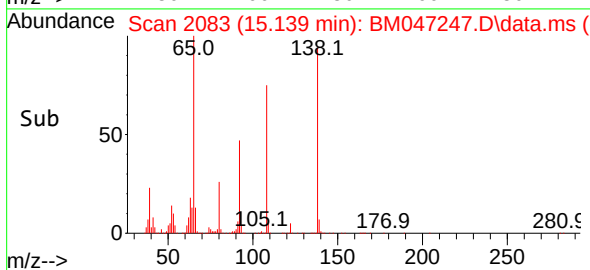
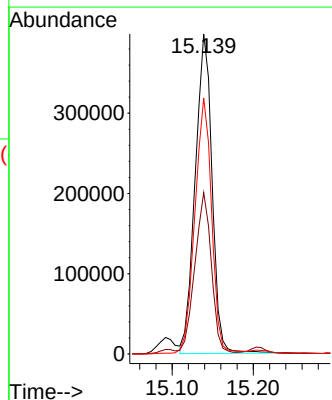
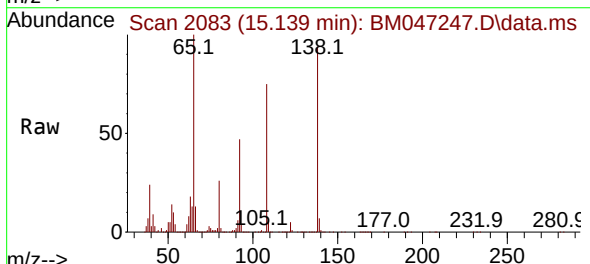
Instrument :
BNA_M
ClientSampleId :
PB162722BS

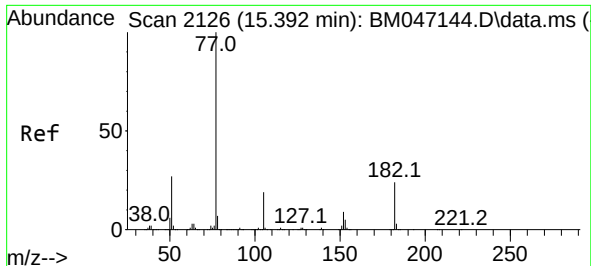
Tgt Ion:204 Resp: 1179387
Ion Ratio Lower Upper
204 100
206 32.7 26.2 39.4
141 52.6 47.2 70.8



#62
4-Nitroaniline
Concen: 45.657 ng
RT: 15.139 min Scan# 2083
Delta R.T. -0.000 min
Lab File: BM047247.D
Acq: 19 Aug 2024 11:02

Tgt Ion:138 Resp: 575900
Ion Ratio Lower Upper
138 100
92 50.4 31.9 71.9
108 80.0 63.8 103.8

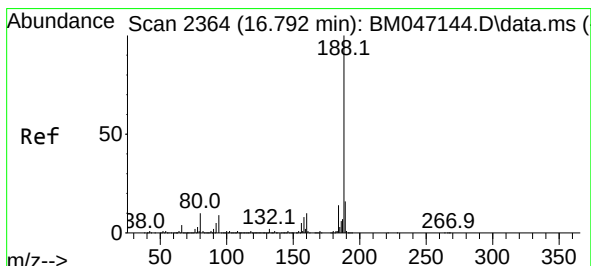
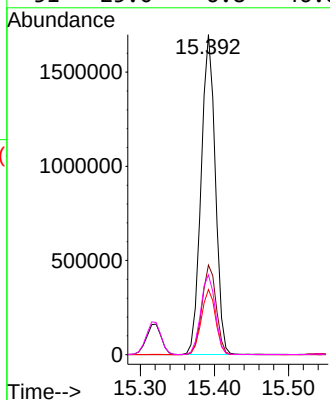
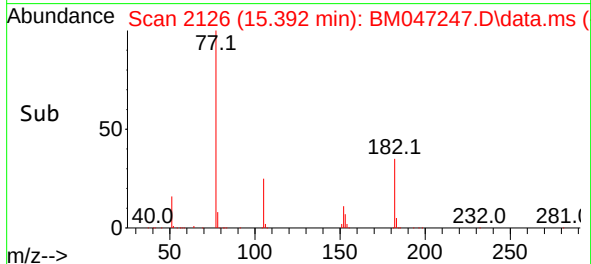
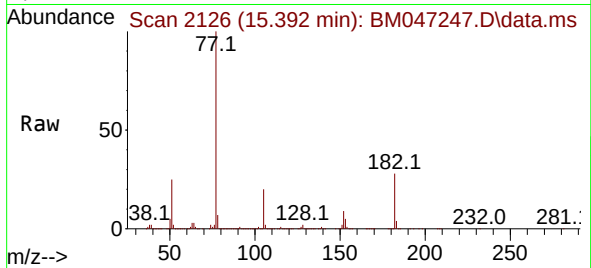




#63
Azobenzene
Concen: 42.675 ng
RT: 15.392 min Scan# 2126
Delta R.T. -0.000 min
Lab File: BM047247.D
Acq: 19 Aug 2024 11:02

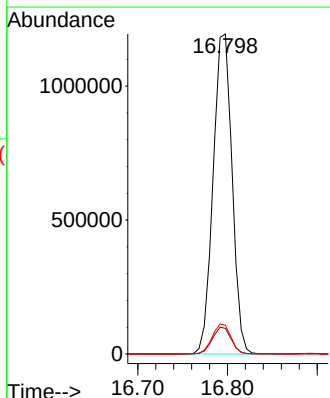
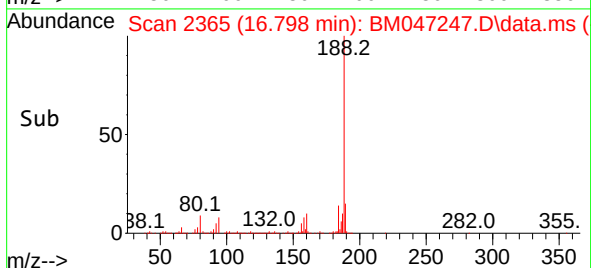
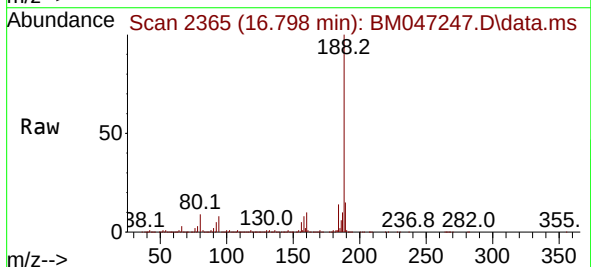
Instrument :
BNA_M
ClientSampleId :
PB162722BS

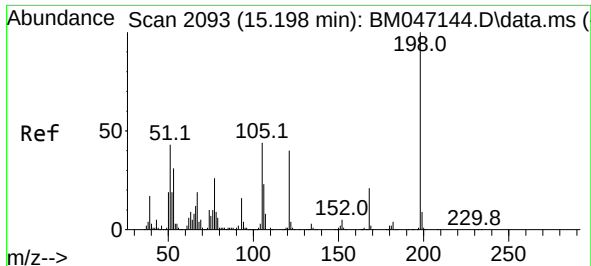
Tgt Ion: 77 Resp: 2258541
Ion Ratio Lower Upper
77 100
182 28.0 3.8 43.8
105 20.3 0.0 39.5
51 25.0 6.8 46.8



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.798 min Scan# 2365
Delta R.T. 0.006 min
Lab File: BM047247.D
Acq: 19 Aug 2024 11:02

Tgt Ion:188 Resp: 1751225
Ion Ratio Lower Upper
188 100
94 8.0 7.0 10.6
80 8.9 8.0 12.0

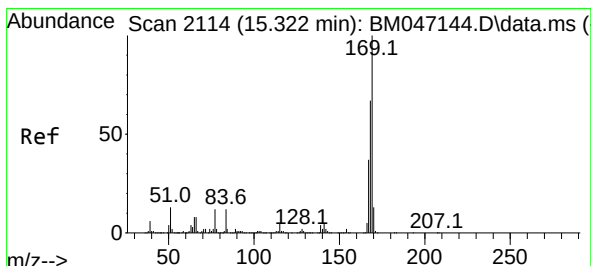
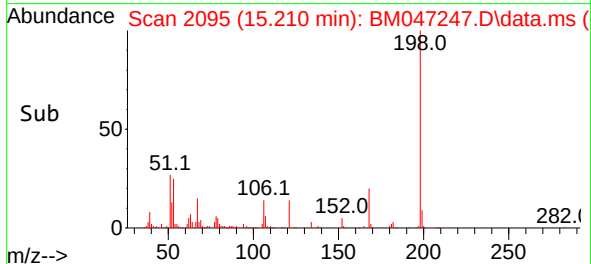
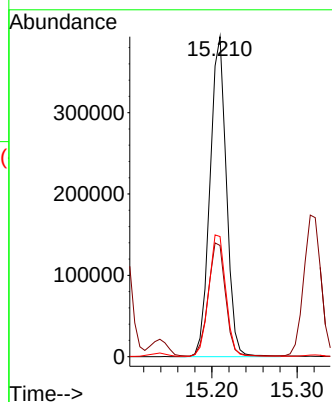
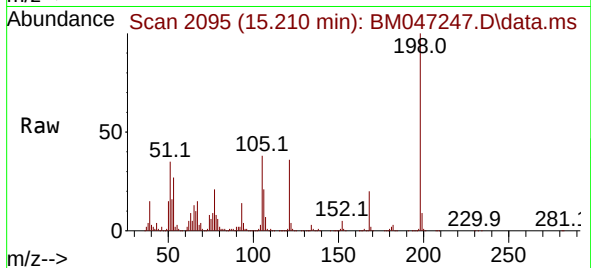




#65
4,6-Dinitro-2-methylphenol
Concen: 51.338 ng
RT: 15.210 min Scan# 2095
Delta R.T. 0.011 min
Lab File: BM047247.D
Acq: 19 Aug 2024 11:02

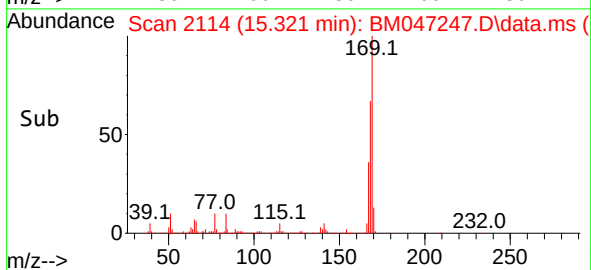
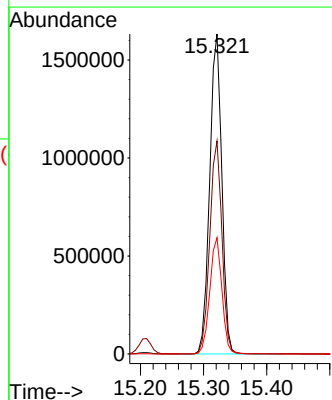
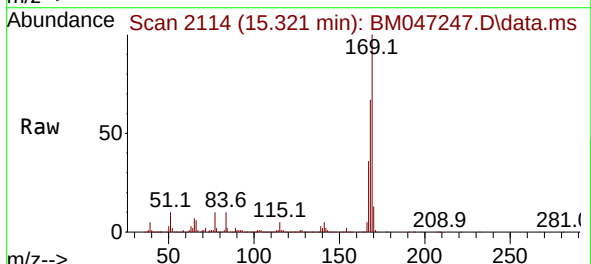
Instrument :
BNA_M
ClientSampleId :
PB162722BS

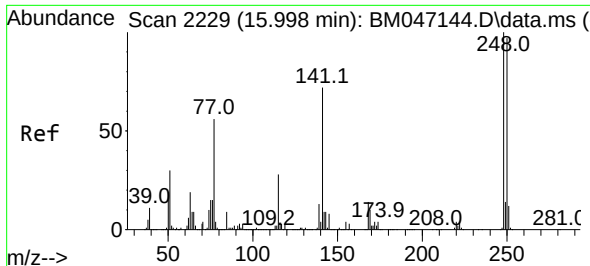
Tgt Ion:198 Resp: 526371
Ion Ratio Lower Upper
198 100
51 34.7 23.9 63.9
105 37.5 24.3 64.3



#66
n-Nitrosodiphenylamine
Concen: 45.476 ng
RT: 15.321 min Scan# 2114
Delta R.T. -0.000 min
Lab File: BM047247.D
Acq: 19 Aug 2024 11:02

Tgt Ion:169 Resp: 2169142
Ion Ratio Lower Upper
169 100
168 66.5 53.8 80.8
167 36.4 29.3 43.9

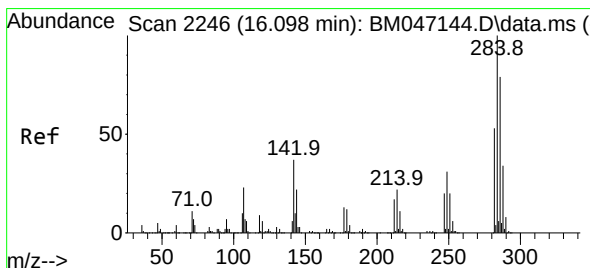
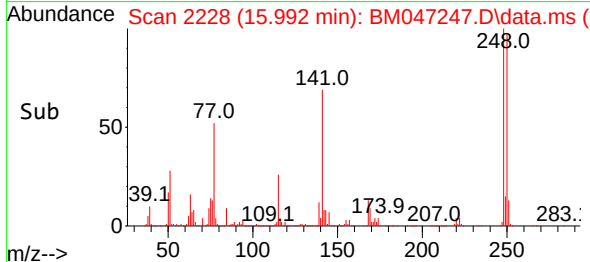
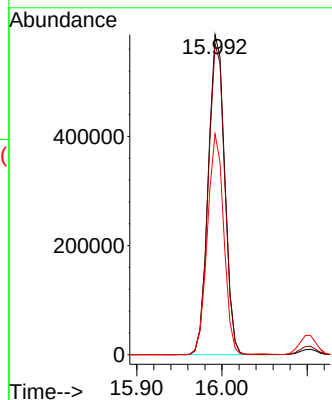
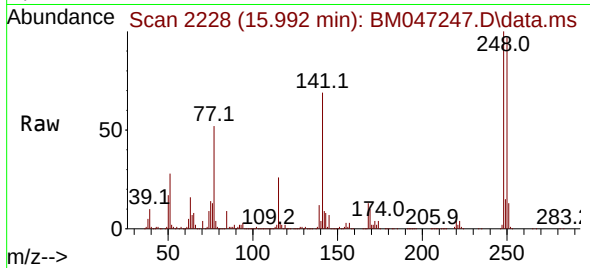




#67
4-Bromophenyl-phenylether
Concen: 46.729 ng
RT: 15.992 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM047247.D
Acq: 19 Aug 2024 11:02

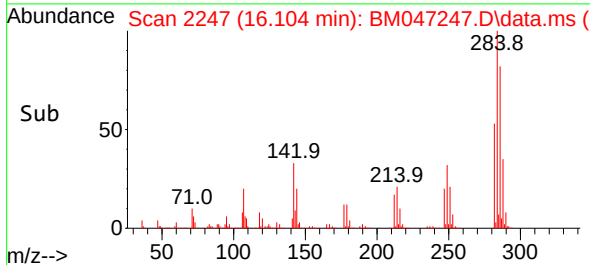
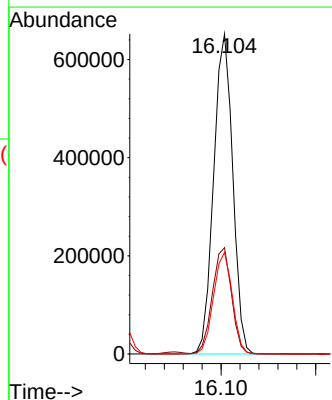
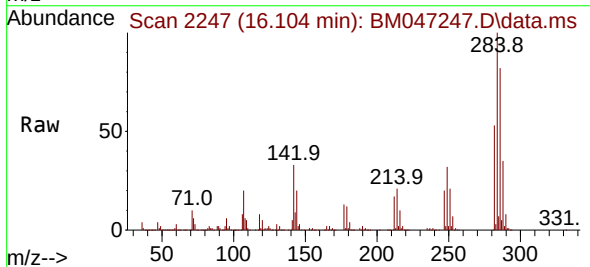
Instrument :
BNA_M
ClientSampleId :
PB162722BS

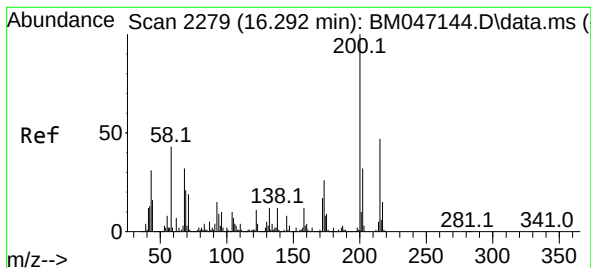
Tgt Ion:248 Resp: 788552
Ion Ratio Lower Upper
248 100
250 97.1 77.8 116.8
141 68.9 57.7 86.5



#68
Hexachlorobenzene
Concen: 44.972 ng
RT: 16.104 min Scan# 2247
Delta R.T. 0.006 min
Lab File: BM047247.D
Acq: 19 Aug 2024 11:02

Tgt Ion:284 Resp: 908898
Ion Ratio Lower Upper
284 100
142 33.2 29.4 44.0
249 31.7 25.1 37.7





#69

Atrazine

Concen: 50.693 ng

RT: 16.292 min Scan# 21

Delta R.T. -0.000 min

Lab File: BM047247.D

Acq: 19 Aug 2024 11:02

Instrument :

BNA_M

ClientSampleId :

PB162722BS

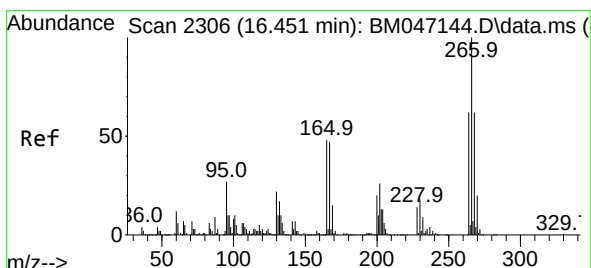
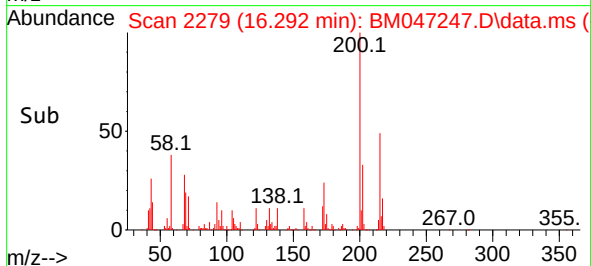
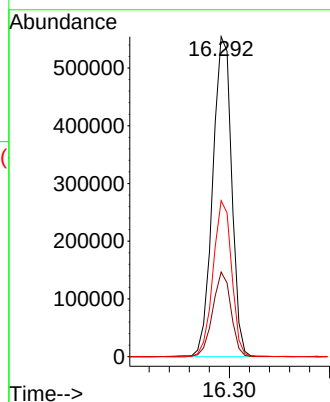
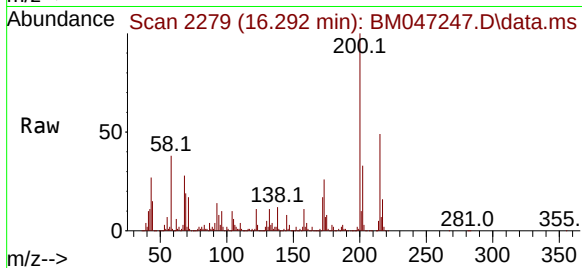
Tgt Ion:200 Resp: 727614

Ion Ratio Lower Upper

200 100

173 26.5 6.1 46.1

215 48.7 26.8 66.8



#70

Pentachlorophenol

Concen: 90.462 ng

RT: 16.456 min Scan# 2307

Delta R.T. 0.006 min

Lab File: BM047247.D

Acq: 19 Aug 2024 11:02

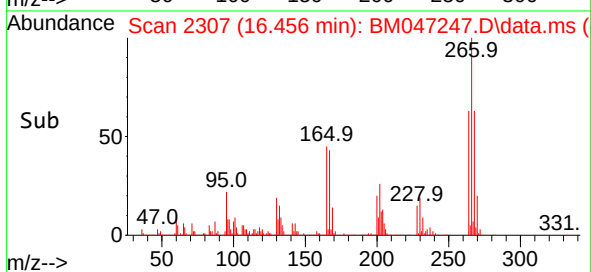
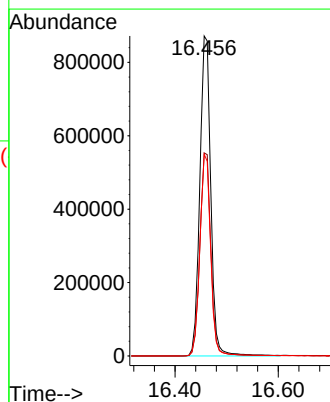
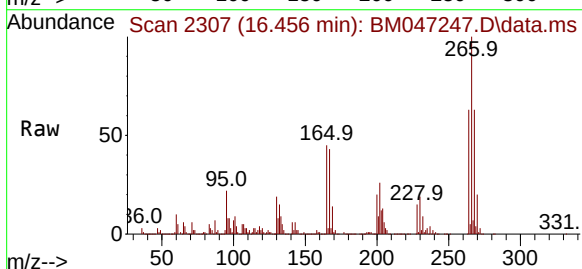
Tgt Ion:266 Resp: 1281594

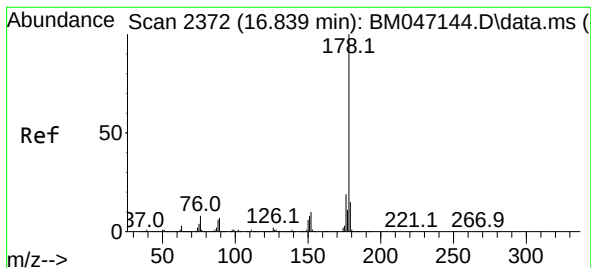
Ion Ratio Lower Upper

266 100

268 63.5 49.8 74.6

264 63.1 49.6 74.4





#71

Phenanthrene

Concen: 45.687 ng

RT: 16.839 min Scan# 21

Delta R.T. -0.000 min

Lab File: BM047247.D

Acq: 19 Aug 2024 11:02

Instrument :

BNA_M

ClientSampleId :

PB162722BS

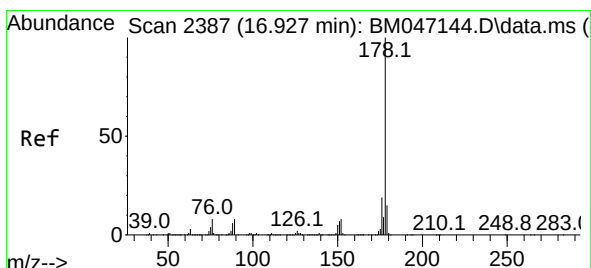
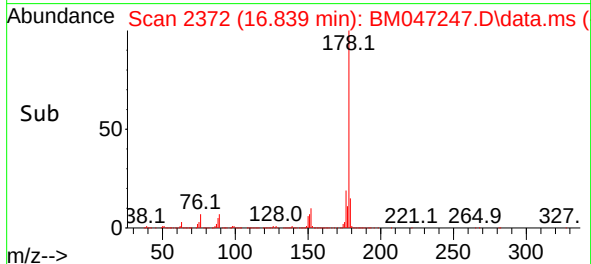
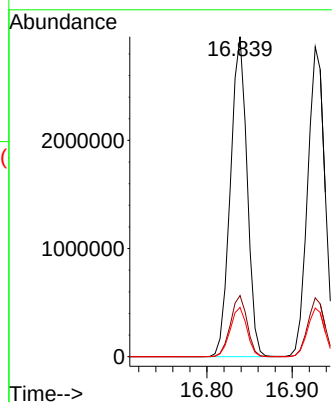
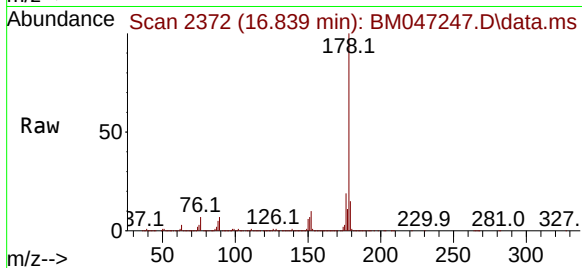
Tgt Ion:178 Resp: 4015275

Ion Ratio Lower Upper

178 100

176 19.1 15.3 22.9

179 15.4 12.4 18.6



#72

Anthracene

Concen: 46.920 ng

RT: 16.927 min Scan# 2387

Delta R.T. -0.000 min

Lab File: BM047247.D

Acq: 19 Aug 2024 11:02

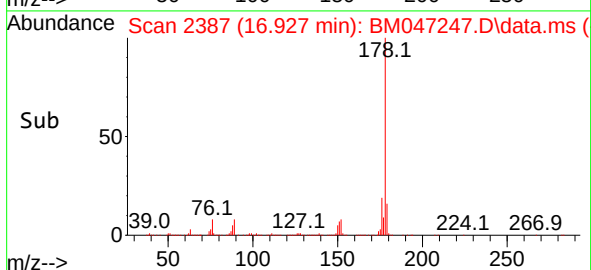
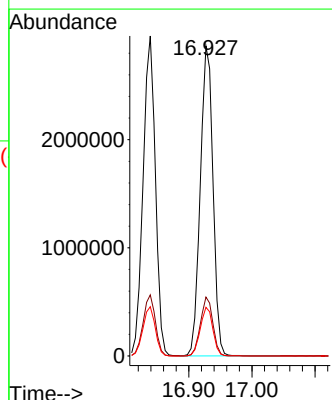
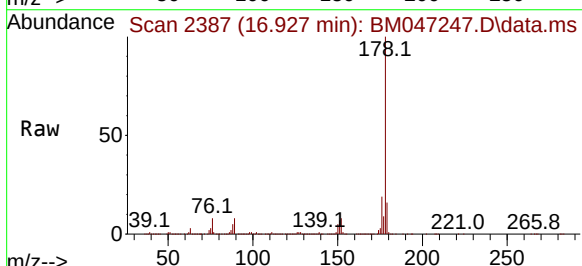
Tgt Ion:178 Resp: 4012395

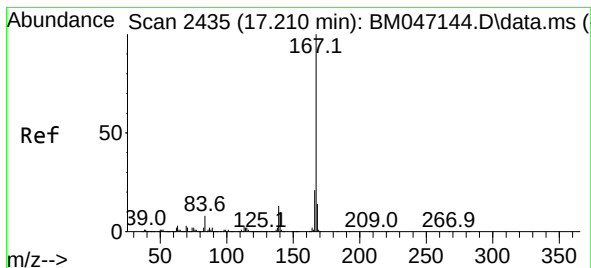
Ion Ratio Lower Upper

178 100

176 19.0 14.8 22.2

179 15.7 12.4 18.6





#73

Carbazole

Concen: 45.567 ng

RT: 17.209 min Scan# 2435

Delta R.T. -0.000 min

Lab File: BM047247.D

Acq: 19 Aug 2024 11:02

Instrument :

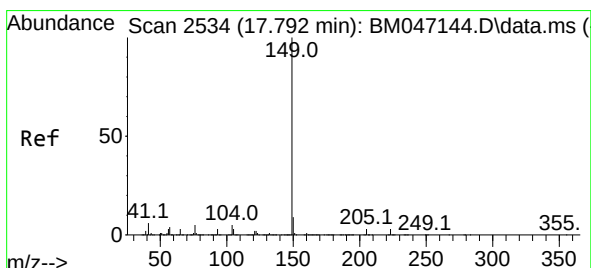
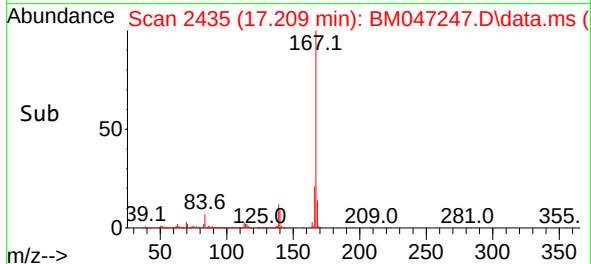
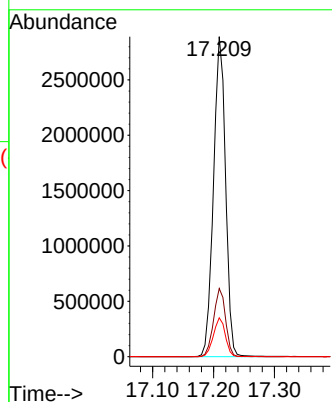
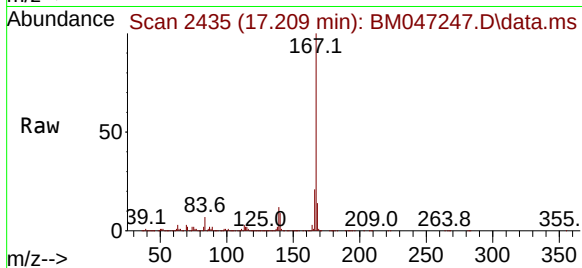
BNA_M

ClientSampleId :

PB162722BS

Tgt Ion:167 Resp: 3978662

Ion	Ratio	Lower	Upper
167	100		
166	21.3	17.1	25.7
139	12.2	10.0	15.0



#74

Di-n-butylphthalate

Concen: 46.191 ng

RT: 17.792 min Scan# 2534

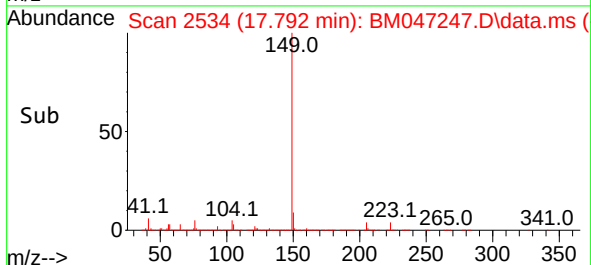
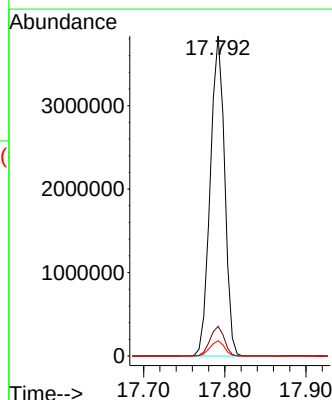
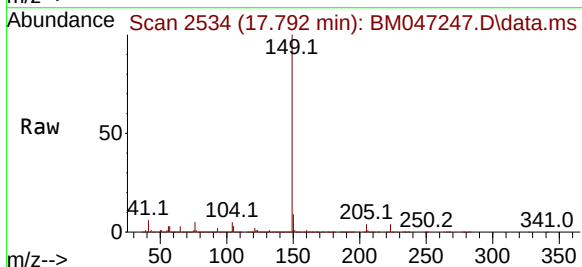
Delta R.T. -0.000 min

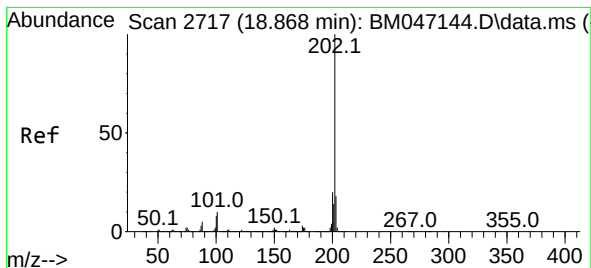
Lab File: BM047247.D

Acq: 19 Aug 2024 11:02

Tgt Ion:149 Resp: 4692813

Ion	Ratio	Lower	Upper
149	100		
150	9.2	7.5	11.3
104	4.8	4.1	6.1





#75

Fluoranthene

Concen: 47.093 ng

RT: 18.874 min Scan# 21

Delta R.T. 0.006 min

Lab File: BM047247.D

Acq: 19 Aug 2024 11:02

Instrument :

BNA_M

ClientSampleId :

PB162722BS

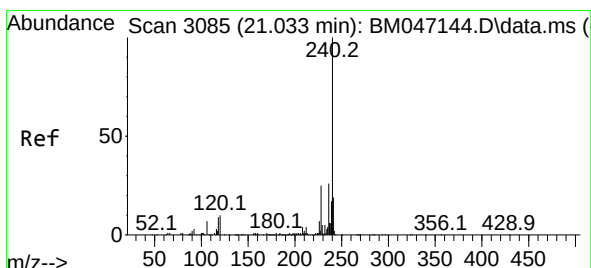
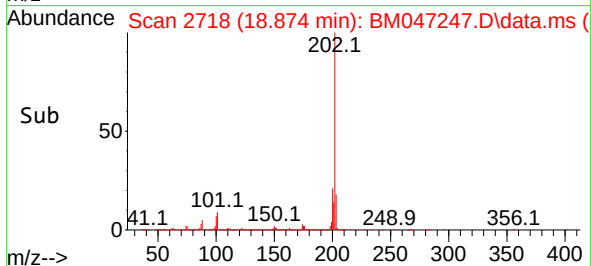
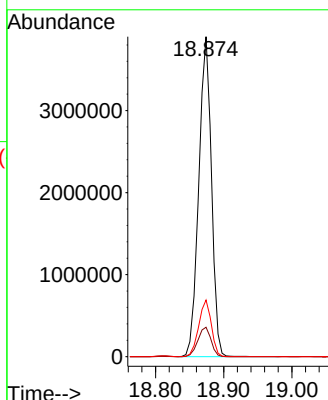
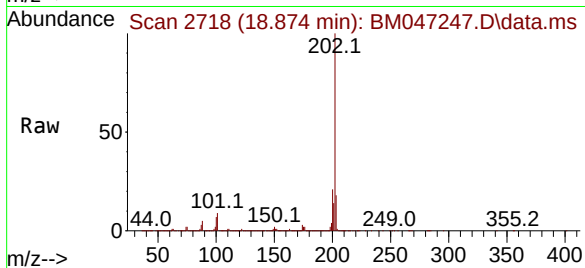
Tgt Ion:202 Resp: 5034215

Ion Ratio Lower Upper

202 100

101 9.2 0.0 30.2

203 17.7 0.0 37.6



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.039 min Scan# 3086

Delta R.T. 0.006 min

Lab File: BM047247.D

Acq: 19 Aug 2024 11:02

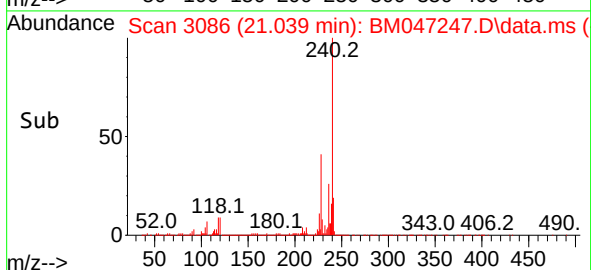
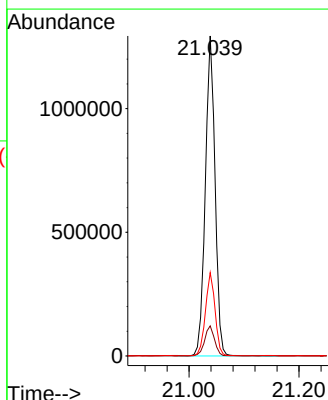
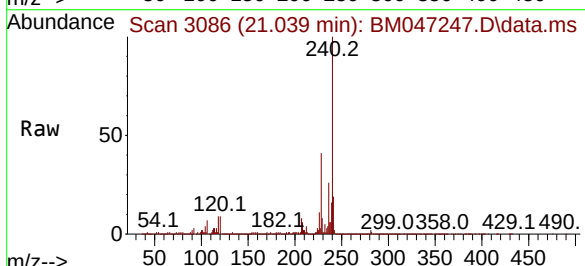
Tgt Ion:240 Resp: 1584431

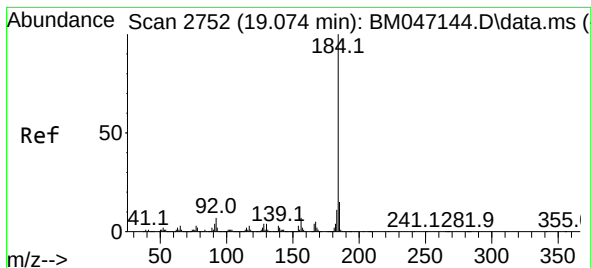
Ion Ratio Lower Upper

240 100

120 9.4 8.2 12.2

236 26.0 20.6 30.8





#77

Benzidine

Concen: 39.506 ng

RT: 19.074 min Scan# 21

Delta R.T. -0.000 min

Lab File: BM047247.D

Acq: 19 Aug 2024 11:02

Instrument :

BNA_M

ClientSampleId :

PB162722BS

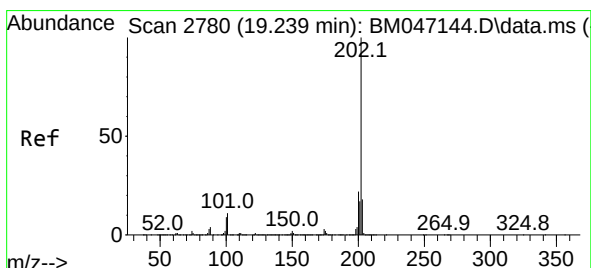
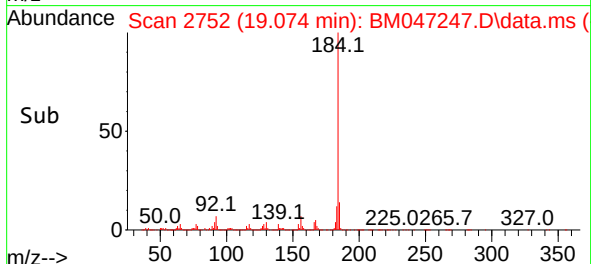
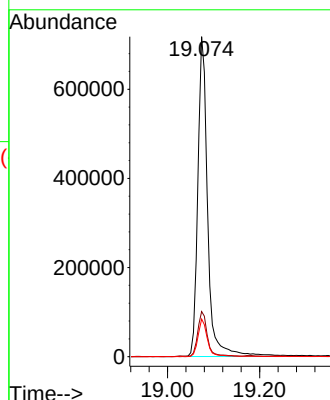
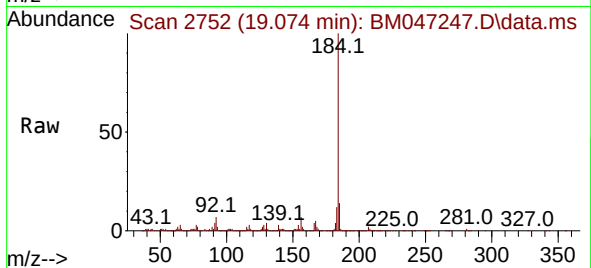
Tgt Ion:184 Resp: 1061518

Ion Ratio Lower Upper

184 100

185 14.1 11.8 17.6

183 11.7 9.0 13.6



#78

Pyrene

Concen: 46.340 ng

RT: 19.239 min Scan# 2780

Delta R.T. -0.000 min

Lab File: BM047247.D

Acq: 19 Aug 2024 11:02

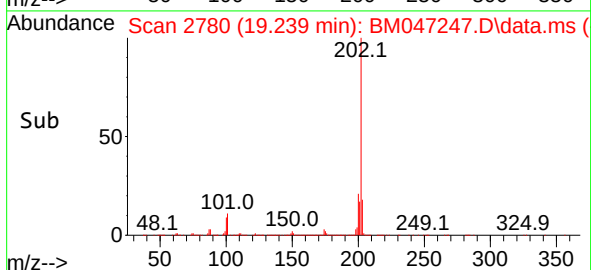
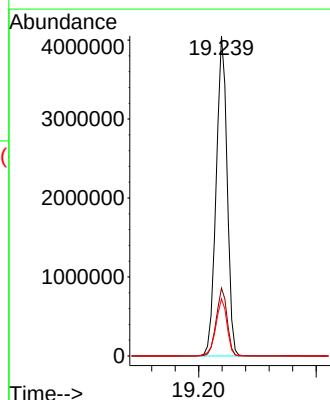
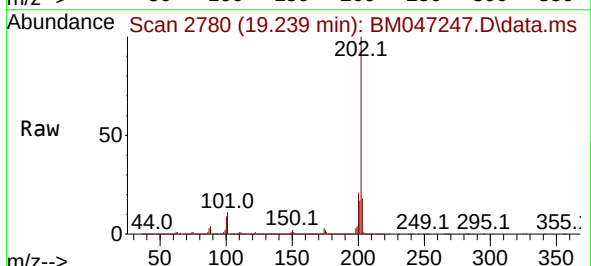
Tgt Ion:202 Resp: 5242570

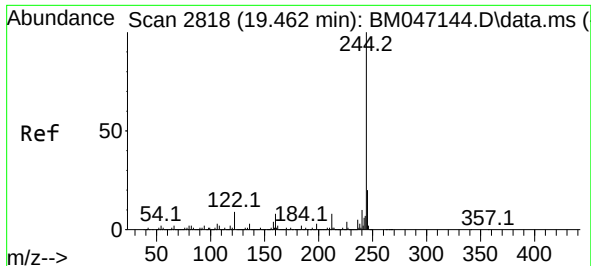
Ion Ratio Lower Upper

202 100

200 21.2 17.2 25.8

203 17.8 14.2 21.2

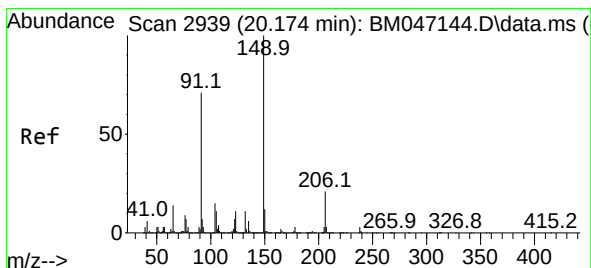
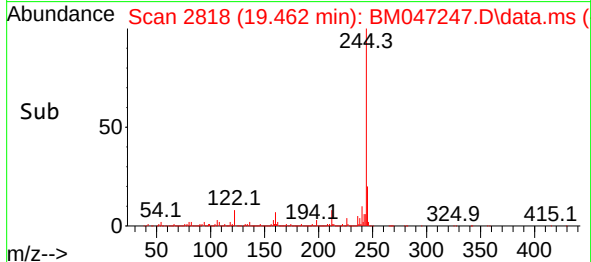
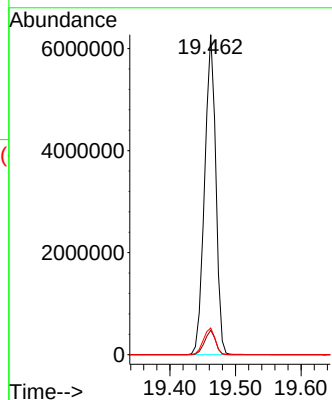
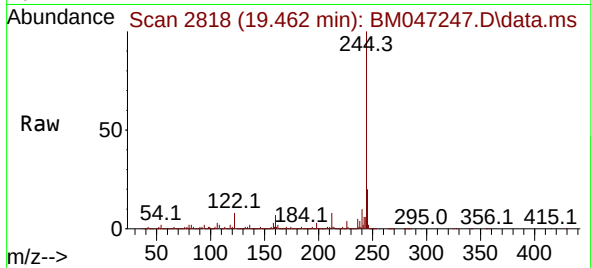




#79
 Terphenyl-d14
 Concen: 100.666 ng
 RT: 19.462 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BM047247.D
 Acq: 19 Aug 2024 11:02

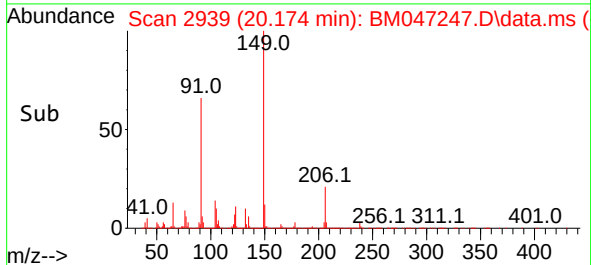
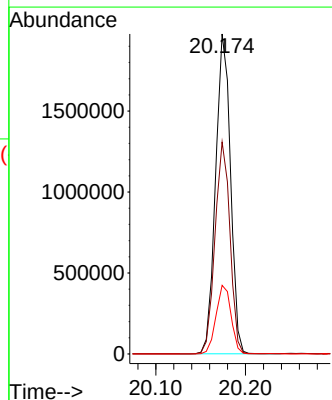
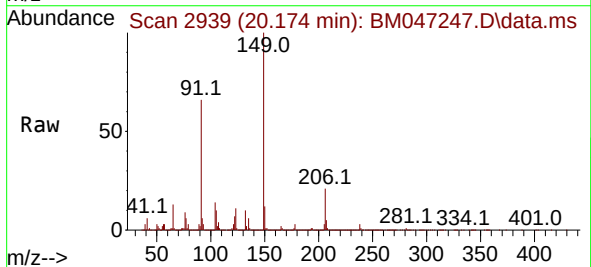
Instrument :
 BNA_M
 ClientSampleId :
 PB162722BS

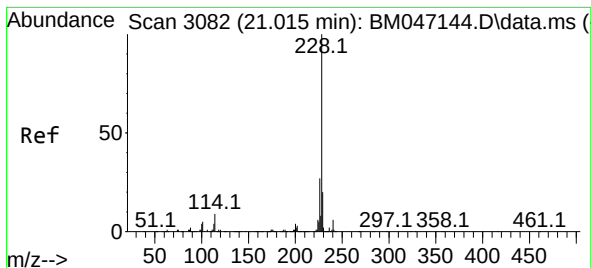
Tgt Ion:244 Resp: 7443553
 Ion Ratio Lower Upper
 244 100
 212 7.7 6.2 9.4
 122 8.3 7.1 10.7



#80
 Butylbenzylphthalate
 Concen: 49.276 ng
 RT: 20.174 min Scan# 2939
 Delta R.T. -0.000 min
 Lab File: BM047247.D
 Acq: 19 Aug 2024 11:02

Tgt Ion:149 Resp: 2275053
 Ion Ratio Lower Upper
 149 100
 91 66.2 57.0 85.4
 206 21.4 16.4 24.6





#81

Benzo(a)anthracene

Concen: 47.067 ng

RT: 21.021 min Scan# 3082

Delta R.T. 0.006 min

Lab File: BM047247.D

Acq: 19 Aug 2024 11:02

Instrument :

BNA_M

ClientSampleId :

PB162722BS

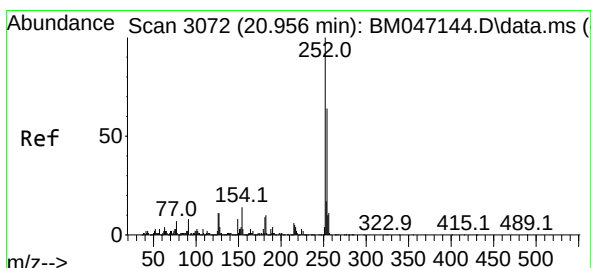
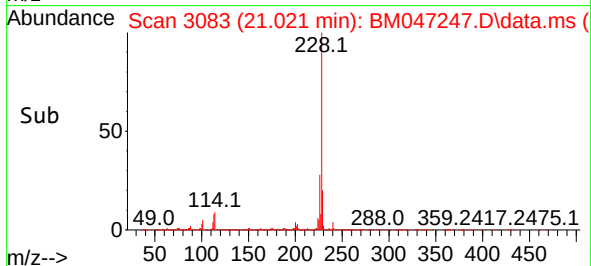
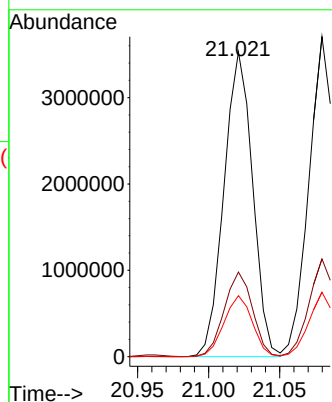
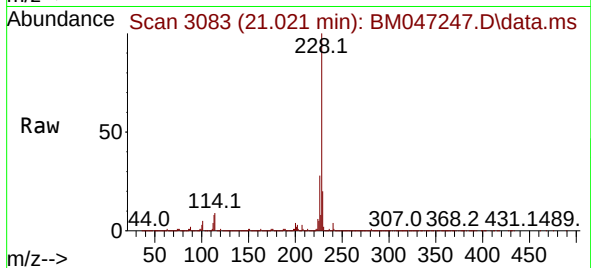
Tgt Ion:228 Resp: 4950740

Ion Ratio Lower Upper

228 100

226 27.8 21.8 32.6

229 20.0 15.8 23.8



#82

3,3'-Dichlorobenzidine

Concen: 44.745 ng

RT: 20.962 min Scan# 3073

Delta R.T. 0.006 min

Lab File: BM047247.D

Acq: 19 Aug 2024 11:02

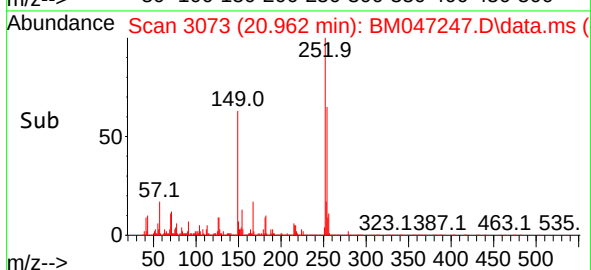
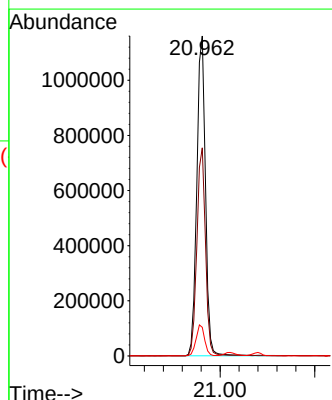
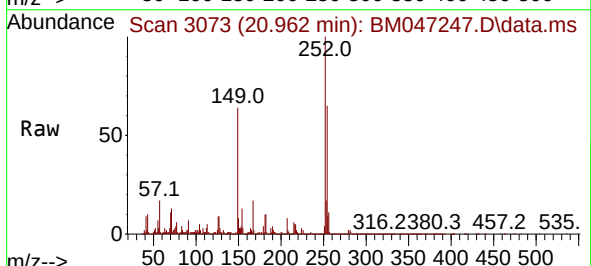
Tgt Ion:252 Resp: 1472565

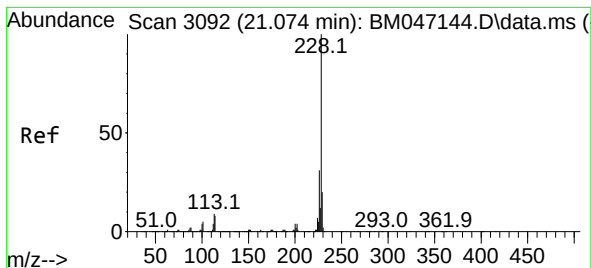
Ion Ratio Lower Upper

252 100

254 65.1 51.0 76.6

126 9.0 8.5 12.7





#83

Chrysene

Concen: 46.323 ng

RT: 21.080 min Scan# 3092

Delta R.T. 0.006 min

Lab File: BM047247.D

Acq: 19 Aug 2024 11:02

Instrument :

BNA_M

ClientSampleId :

PB162722BS

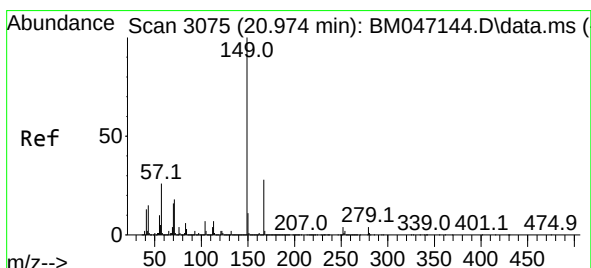
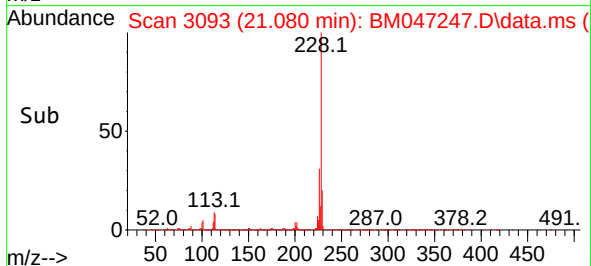
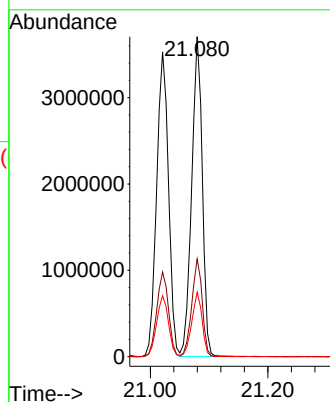
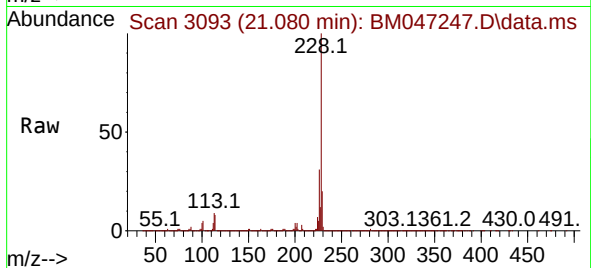
Tgt Ion:228 Resp: 4622802

Ion Ratio Lower Upper

228 100

226 30.5 24.4 36.6

229 20.2 15.7 23.5



#84

Bis(2-ethylhexyl)phthalate

Concen: 46.690 ng

RT: 20.974 min Scan# 3075

Delta R.T. -0.000 min

Lab File: BM047247.D

Acq: 19 Aug 2024 11:02

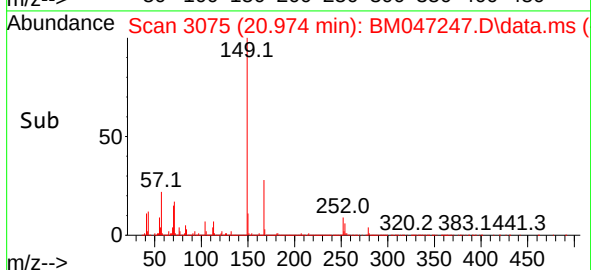
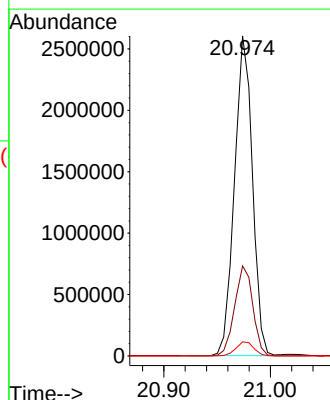
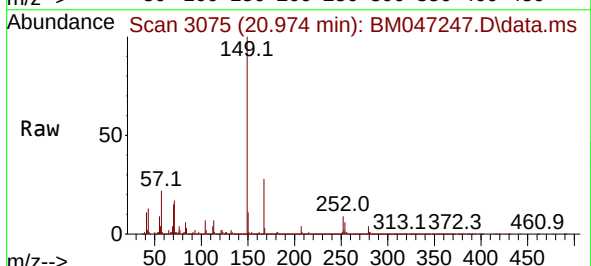
Tgt Ion:149 Resp: 3057109

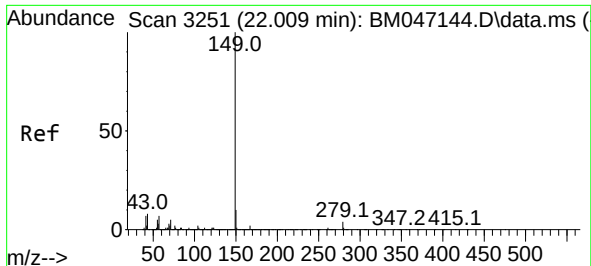
Ion Ratio Lower Upper

149 100

167 28.2 22.2 33.2

279 4.4 3.0 4.4

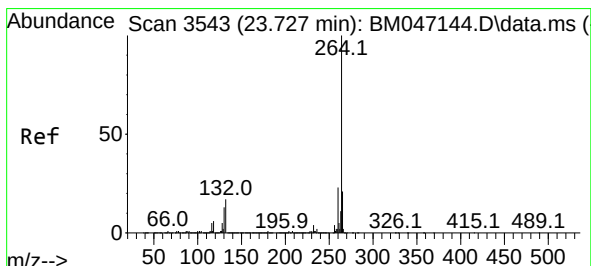
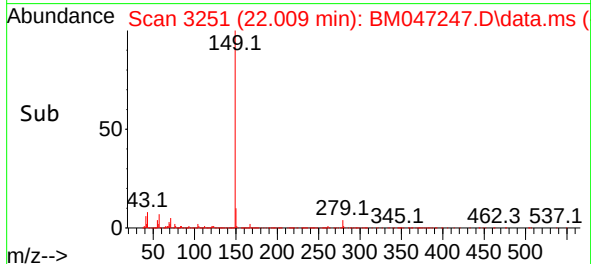
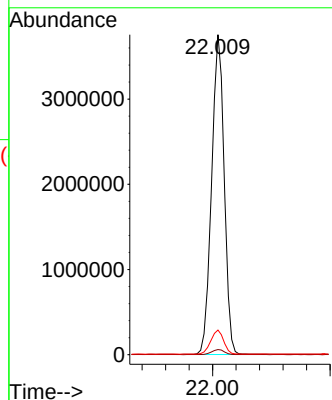
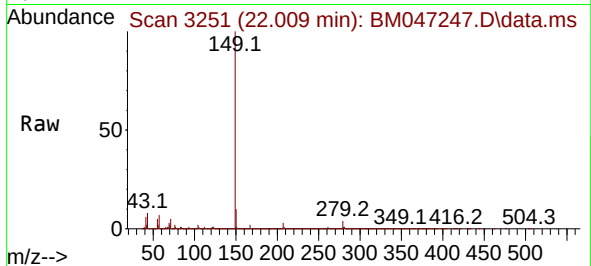




#85
Di-n-octyl phthalate
Concen: 50.013 ng
RT: 22.009 min Scan# 31
Delta R.T. -0.000 min
Lab File: BM047247.D
Acq: 19 Aug 2024 11:02

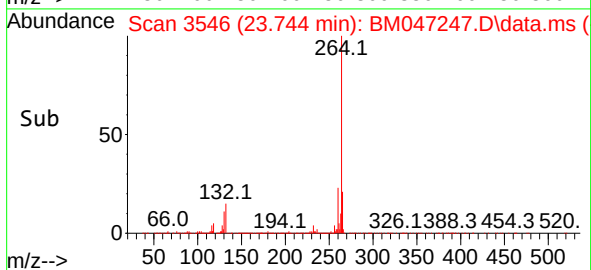
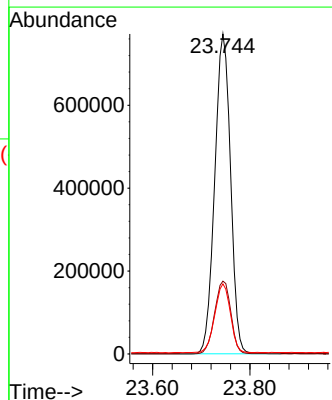
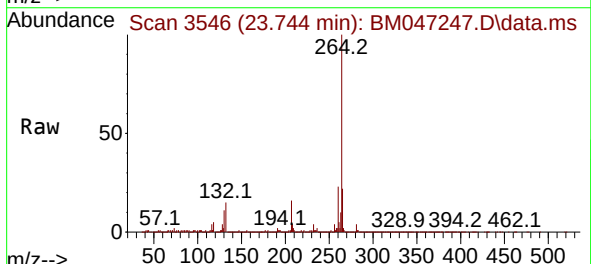
Instrument :
BNA_M
ClientSampleId :
PB162722BS

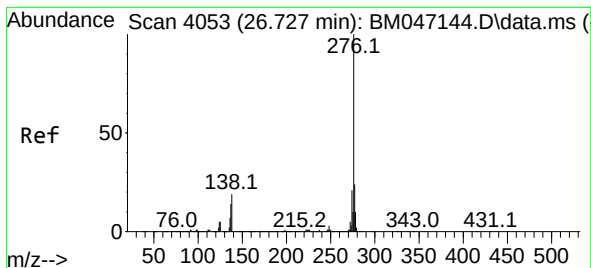
Tgt Ion:149 Resp: 5566022
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 7.7 6.9 10.3



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.744 min Scan# 3546
Delta R.T. 0.017 min
Lab File: BM047247.D
Acq: 19 Aug 2024 11:02

Tgt Ion:264 Resp: 1735614
Ion Ratio Lower Upper
264 100
260 22.8 18.5 27.7
265 21.9 17.3 25.9





#87

Indeno(1,2,3-cd)pyrene

Concen: 47.874 ng

RT: 26.768 min Scan# 4053

Delta R.T. 0.041 min

Lab File: BM047247.D

Acq: 19 Aug 2024 11:02

Instrument :

BNA_M

ClientSampleId :

PB162722BS

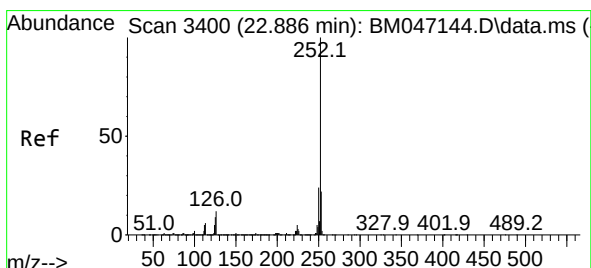
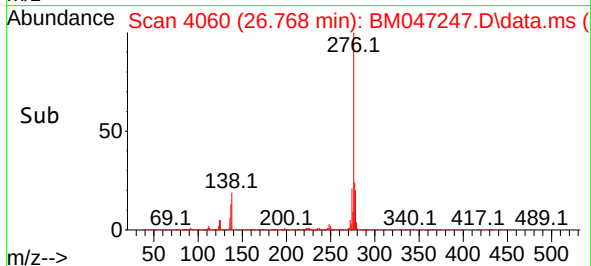
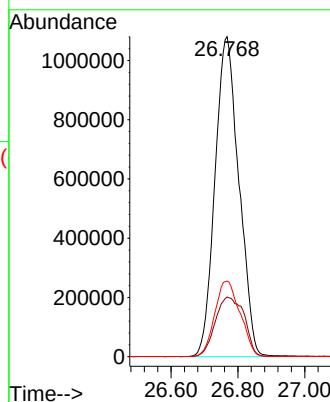
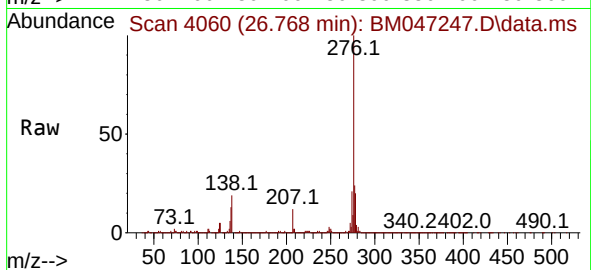
Tgt Ion:276 Resp: 5370805

Ion Ratio Lower Upper

276 100

138 22.5 19.4 29.0

277 25.0 20.1 30.1



#88

Benzo(b)fluoranthene

Concen: 48.228 ng

RT: 22.903 min Scan# 3403

Delta R.T. 0.017 min

Lab File: BM047247.D

Acq: 19 Aug 2024 11:02

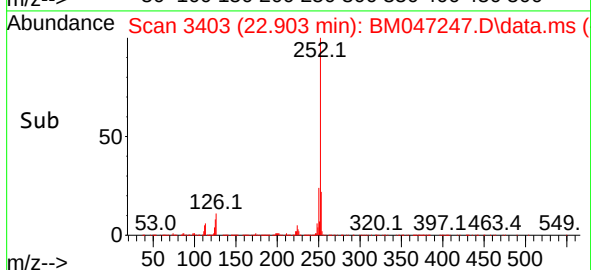
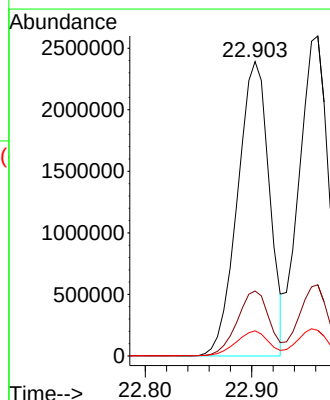
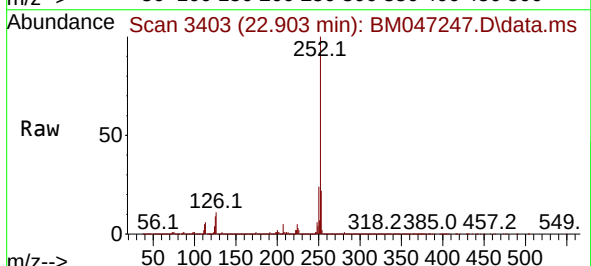
Tgt Ion:252 Resp: 4970869

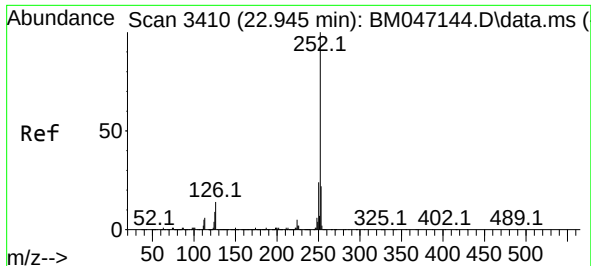
Ion Ratio Lower Upper

252 100

253 22.1 17.8 26.6

125 8.6 7.4 11.0

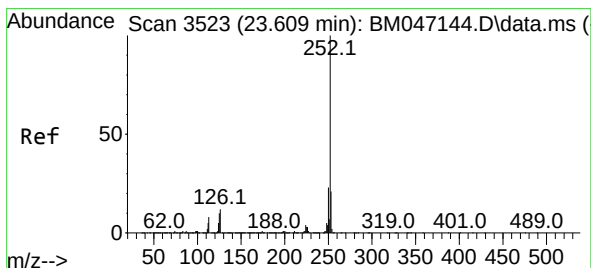
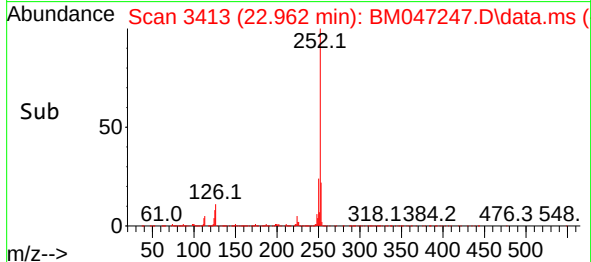
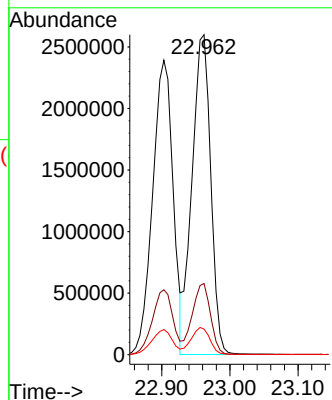
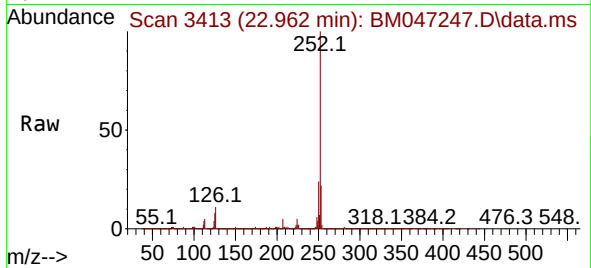




#89
Benzo(k)fluoranthene
Concen: 50.827 ng
RT: 22.962 min Scan# 3410
Delta R.T. 0.017 min
Lab File: BM047247.D
Acq: 19 Aug 2024 11:02

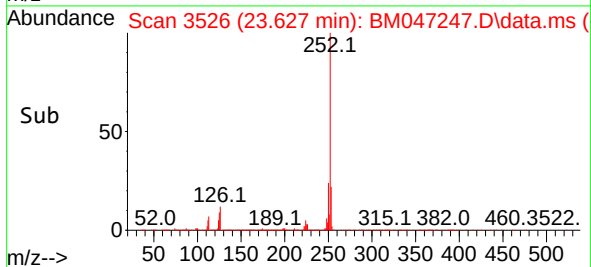
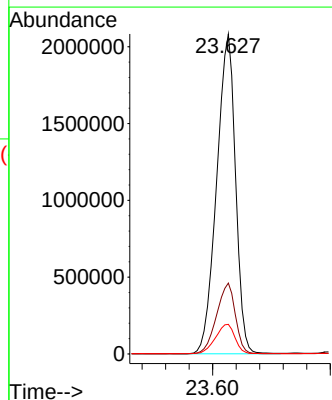
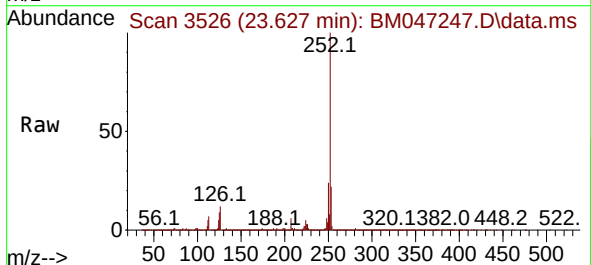
Instrument :
BNA_M
ClientSampleId :
PB162722BS

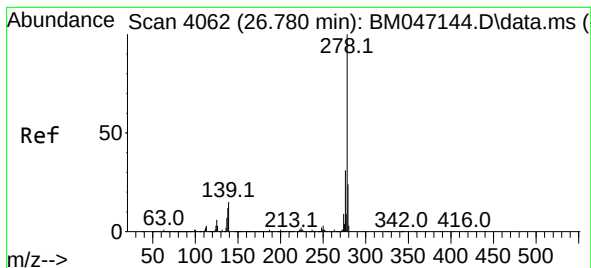
Tgt Ion:252 Resp: 4948268
Ion Ratio Lower Upper
252 100
253 22.2 17.7 26.5
125 8.0 7.4 11.2



#90
Benzo(a)pyrene
Concen: 51.919 ng
RT: 23.627 min Scan# 3526
Delta R.T. 0.017 min
Lab File: BM047247.D
Acq: 19 Aug 2024 11:02

Tgt Ion:252 Resp: 4635663
Ion Ratio Lower Upper
252 100
253 22.2 17.1 25.7
125 9.3 8.2 12.2





#91

Dibenzo(a,h)anthracene

Concen: 48.133 ng

RT: 26.809 min Scan# 4067

Delta R.T. 0.029 min

Lab File: BM047247.D

Acq: 19 Aug 2024 11:02

Instrument :

BNA_M

ClientSampleId :

PB162722BS

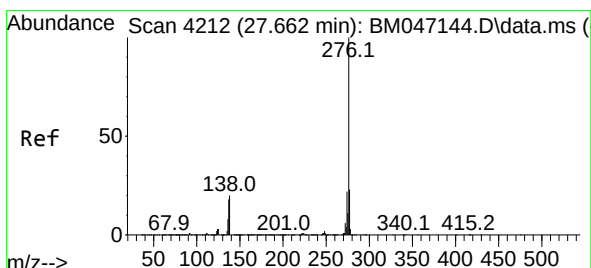
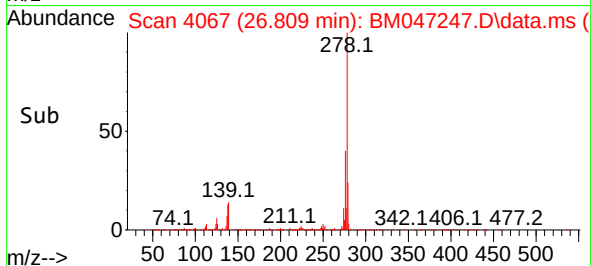
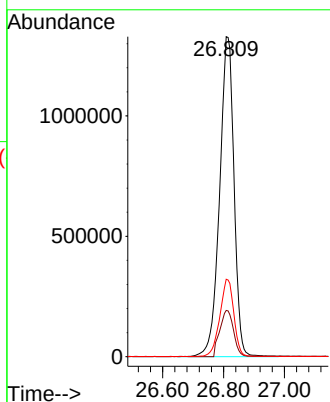
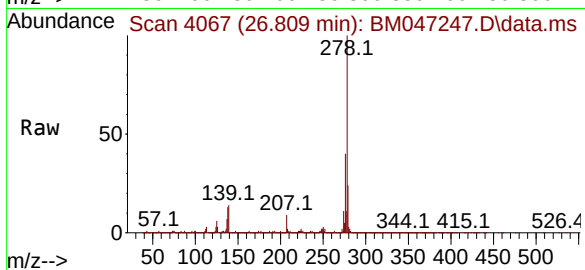
Tgt Ion:278 Resp: 4369989

Ion Ratio Lower Upper

278 100

139 14.4 12.0 18.0

279 24.2 19.2 28.8



#92

Benzo(g,h,i)perylene

Concen: 43.840 ng

RT: 27.703 min Scan# 4219

Delta R.T. 0.041 min

Lab File: BM047247.D

Acq: 19 Aug 2024 11:02

Tgt Ion:276 Resp: 4132503

Ion Ratio Lower Upper

276 100

277 23.3 18.8 28.2

138 19.2 16.2 24.4

