

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM091824\
 Data File : BM047555.D
 Acq On : 18 Sep 2024 14:22
 Operator : RC/JU
 Sample : P4087-19
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 NB-614-COMP-04

Quant Time: Sep 18 15:10:04 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM091424.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun Sep 15 08:56:37 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.845	152	202265	20.000	ng	0.00
21) Naphthalene-d8	10.639	136	768134	20.000	ng	0.00
39) Acenaphthene-d10	14.474	164	373343	20.000	ng	0.00
64) Phenanthrene-d10	17.209	188	732053	20.000	ng	0.00
76) Chrysene-d12	21.433	240	641831	20.000	ng	#-0.01
86) Perylene-d12	24.456	264	722111	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.416	112	1311351	103.229	ng	0.00
7) Phenol-d6	7.004	99	1668626	93.272	ng	0.00
23) Nitrobenzene-d5	8.992	82	1020871	66.513	ng	-0.01
42) 2,4,6-Tribromophenol	15.951	330	304036	84.251	ng	-0.01
45) 2-Fluorobiphenyl	13.098	172	1602068	59.111	ng	-0.01
79) Terphenyl-d14	19.827	244	2381495	66.489	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.328	88	230	0.042	ng	# 1
3) Pyridine	3.710	79	429	0.026	ng	# 1
4) n-Nitrosodimethylamine	3.622	42	562	0.076	ng	# 1
6) Aniline	7.145	93	163	0.010	ng	# 53
8) 2-Chlorophenol	7.316	128	54	0.004	ng	# 1
9) Benzaldehyde	7.004	77	4047	0.476	ng	# 10
10) Phenol	7.028	94	5396	0.301	ng	# 13
11) bis(2-Chloroethyl)ether	7.263	93	87	0.006	ng	# 20
15) Benzyl Alcohol	8.069	79	356	0.029	ng	# 62
16) 2,2'-oxybis(1-Chloropr...	8.369	45	258	0.013	ng	# 1
17) 2-Methylphenol	8.381	107	57	0.005	ng	# 1
18) Hexachloroethane	9.086	117	57	0.009	ng	# 4
19) n-Nitroso-di-n-propyla...	8.663	70	134	0.011	ng	# 1
20) 3+4-Methylphenols	8.616	107	129	0.008	ng	# 1
22) Acetophenone	8.657	105	429	0.021	ng	# 1
24) Nitrobenzene	9.069	77	352	0.022	ng	# 43
25) Isophorone	9.551	82	143	0.005	ng	# 4
27) 2,4-Dimethylphenol	9.822	122	249	0.031	ng	# 3
28) bis(2-Chloroethoxy)met...	10.016	93	55	0.003	ng	# 49
31) Naphthalene	10.663	128	55	0.001	ng	# 69
32) Benzoic acid	9.910	122	61	6.706	ng	# 27
33) 4-Chloroaniline	10.792	127	201	0.013	ng	# 42
35) Caprolactam	11.551	113	599	0.176	ng	# 84
36) 4-Chloro-3-methylphenol	11.898	107	71	0.006	ng	# 18
37) 2-Methylnaphthalene	12.292	142	57	0.002	ng	# 14
38) 1-Methylnaphthalene	12.292	142	57	0.002	ng	# 6
46) 1,1'-Biphenyl	13.098	154	3257	0.112	ng	# 1
48) 2-Nitroaniline	13.521	65	472	0.071	ng	# 35
49) Acenaphthylene	14.186	152	585	0.018	ng	# 60
50) Dimethylphthalate	13.916	163	298	0.012	ng	# 77
51) 2,6-Dinitrotoluene	14.021	165	65	0.012	ng	# 15
52) Acenaphthene	14.468	154	1640	0.072	ng	# 3
53) 3-Nitroaniline	14.633	138	60	0.010	ng	# 1
55) Dibenzofuran	14.863	168	340	0.011	ng	# 77
56) 4-Nitrophenol	14.686	139	73	0.015	ng	# 57
57) 2,4-Dinitrotoluene	14.821	165	123	0.017	ng	# 40

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM091824\
 Data File : BM047555.D
 Acq On : 18 Sep 2024 14:22
 Operator : RC/JU
 Sample : P4087-19
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 NB-614-COMP-04

Quant Time: Sep 18 15:10:04 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM091424.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun Sep 15 08:56:37 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
58) Fluorene	15.510	166	97	0.003	ng	# 63
60) Diethylphthalate	15.286	149	7733	0.286	ng	# 87
63) Azobenzene	15.827	77	51777	1.736	ng	# 7
66) n-Nitrosodiphenylamine	15.951	169	15011	0.670	ng	# 50
69) Atrazine	16.398	200	62	0.010	ng	# 36
70) Pentachlorophenol	16.868	266	292	0.063	ng	# 54
71) Phenanthrene	17.251	178	2922	0.072	ng	# 90
72) Anthracene	17.345	178	1279	0.033	ng	# 80
73) Carbazole	17.604	167	2852	0.074	ng	# 89
74) Di-n-butylphthalate	18.180	149	14808	0.322	ng	# 95
75) Fluoranthene	19.256	202	5708	0.130	ng	# 82
77) Benzidine	19.450	184	519	0.057	ng	# 17
78) Pyrene	19.621	202	17564	0.375	ng	# 93
80) Butylbenzylphthalate	20.515	149	868	0.048	ng	# 66
81) Benzo(a)anthracene	21.421	228	6304	0.151	ng	# 99
82) 3,3'-Dichlorobenzidine	21.333	252	857	0.077	ng	# 60
83) Chrysene	21.474	228	8263	0.209	ng	# 93
84) Bis(2-ethylhexyl)phtha...	21.344	149	8650	0.306	ng	# 92
85) Di-n-octyl phthalate	22.497	149	418	0.010	ng	# 64
87) Indeno(1,2,3-cd)pyrene	27.873	276	464	0.011	ng	# 89
88) Benzo(b)fluoranthene	23.503	252	5435	0.116	ng	# 57
89) Benzo(k)fluoranthene	23.568	252	3797	0.082	ng	# 73
90) Benzo(a)pyrene	24.315	252	2137	0.056	ng	# 3
91) Dibenzo(a,h)anthracene	27.944	278	55	0.002	ng	# 54
92) Benzo(g,h,i)perylene	28.962	276	66	0.002	ng	# 50

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

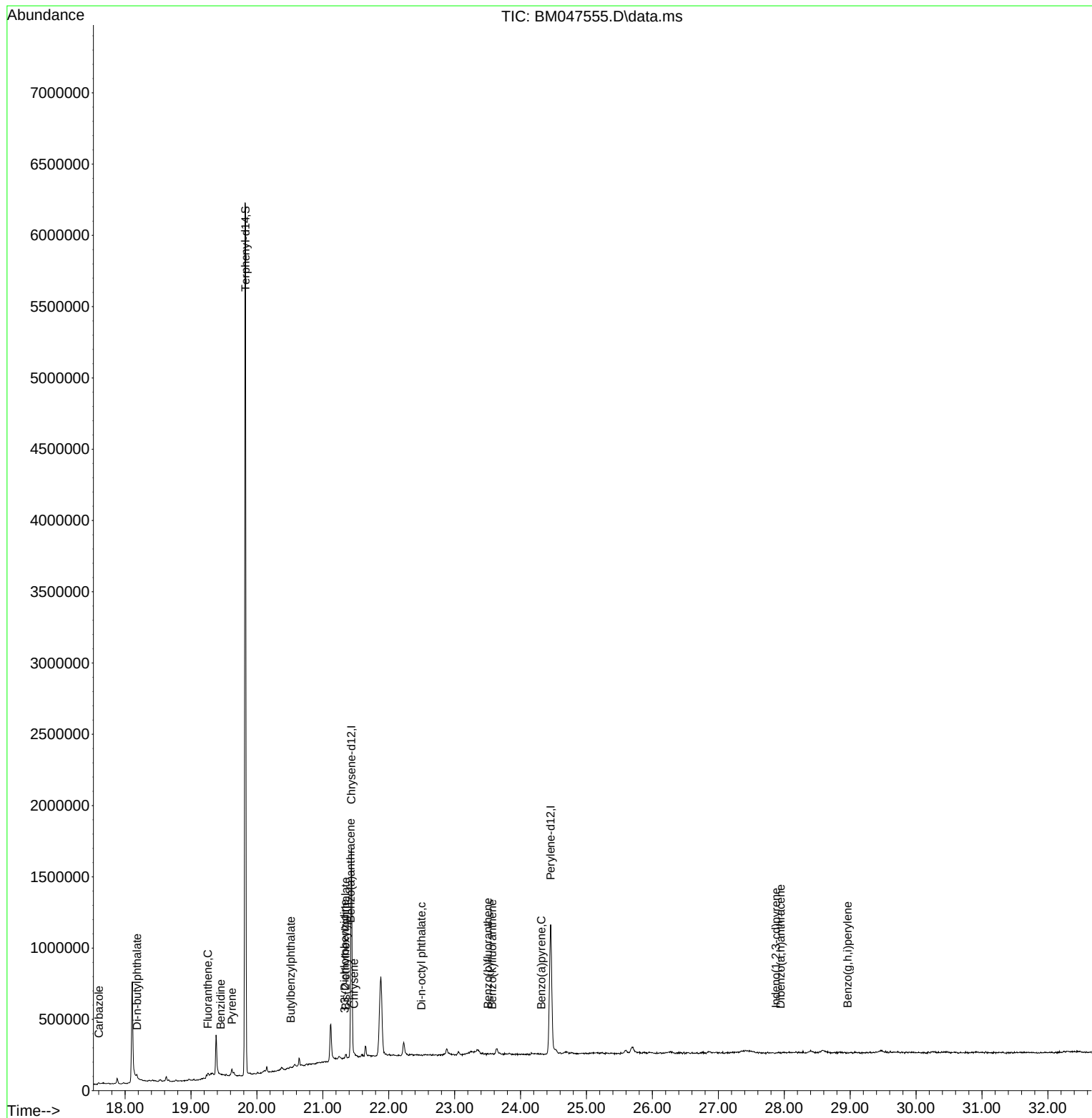
Quant Time: Sep 18 15:10:04 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM091424.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Sep 15 08:56:37 2024
Response via : Initial Calibration

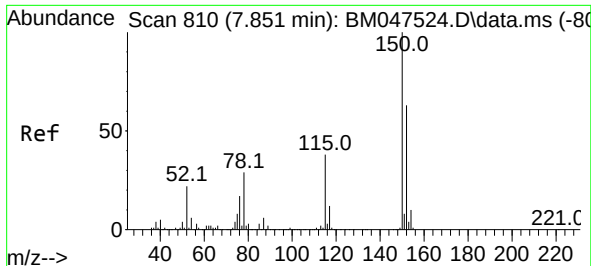


Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM091824\
Data File : BM047555.D
Acq On : 18 Sep 2024 14:22
Operator : RC/JU
Sample : P4087-19
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
NB-614-COMP-04

Quant Time: Sep 18 15:10:04 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM091424.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Sep 15 08:56:37 2024
Response via : Initial Calibration

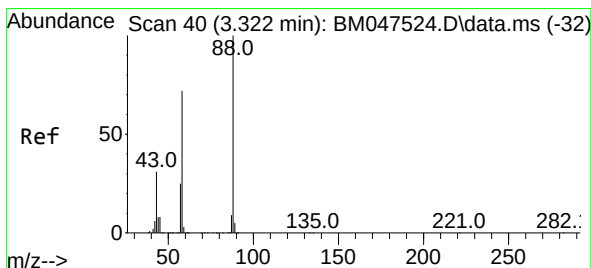
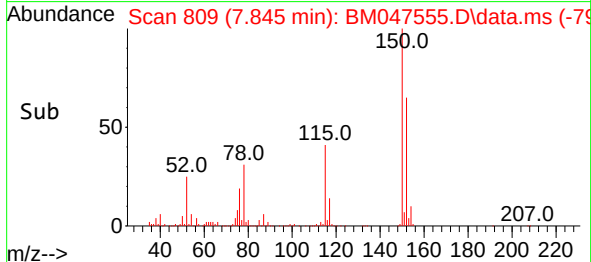
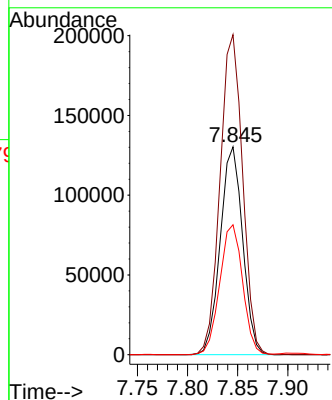
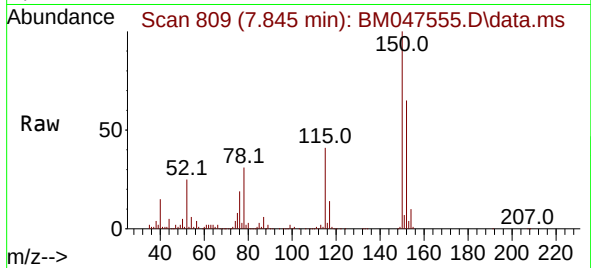




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.845 min Scan# 80
Delta R.T. -0.006 min
Lab File: BM047555.D
Acq: 18 Sep 2024 14:22

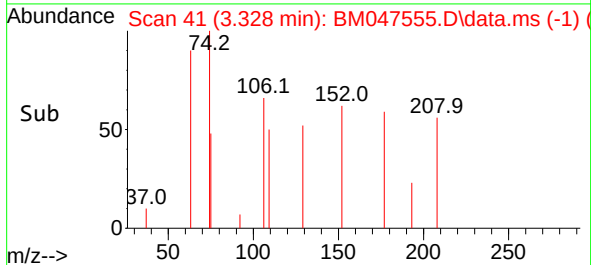
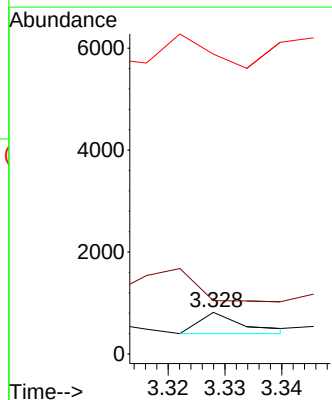
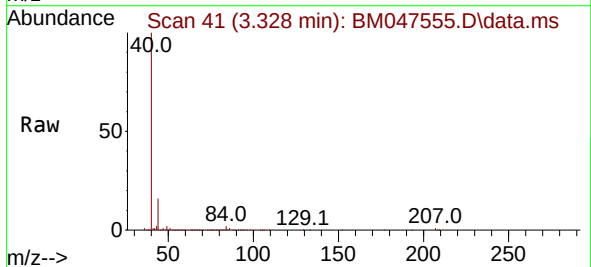
Instrument :
BNA_M
ClientSampleId :
NB-614-COMP-04

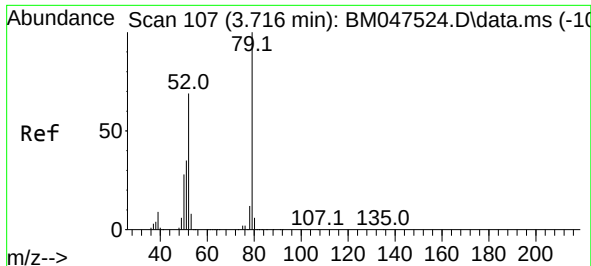
Tgt Ion:152 Resp: 202265
Ion Ratio Lower Upper
152 100
150 153.9 126.8 190.2
115 62.5 47.8 71.8



#2
1,4-Dioxane
Concen: 0.042 ng
RT: 3.328 min Scan# 41
Delta R.T. 0.006 min
Lab File: BM047555.D
Acq: 18 Sep 2024 14:22

Tgt Ion: 88 Resp: 230
Ion Ratio Lower Upper
88 100
58 184.8 59.0 88.6#
43 0.0 25.0 37.4#

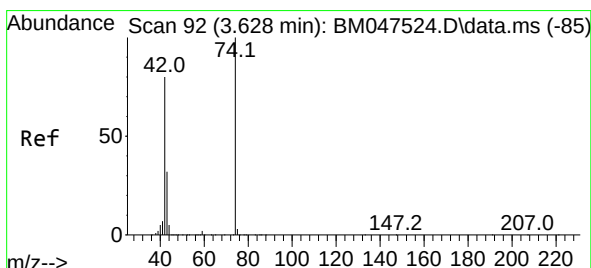
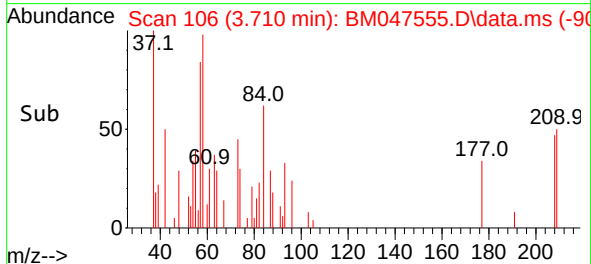
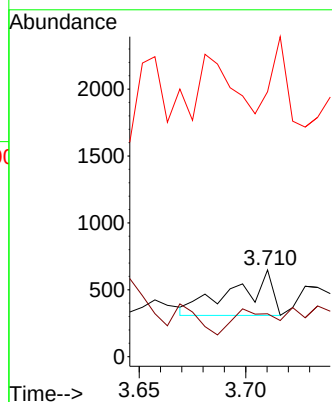
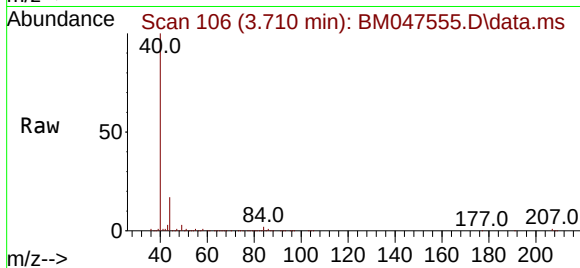




#3
Pyridine
Concen: 0.026 ng
RT: 3.710 min Scan# 107
Delta R.T. -0.006 min
Lab File: BM047555.D
Acq: 18 Sep 2024 14:22

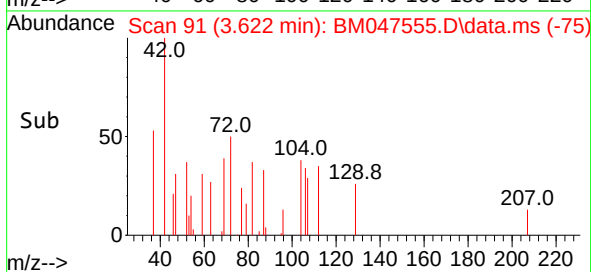
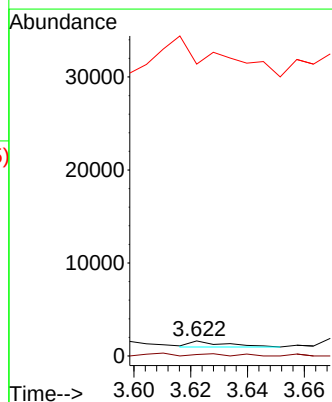
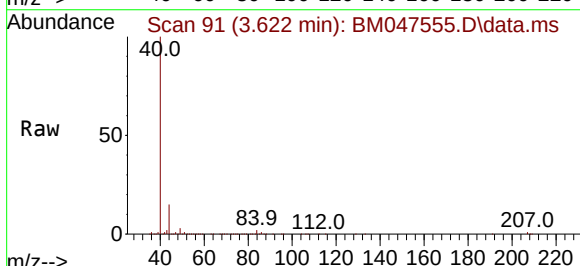
Instrument :
BNA_M
ClientSampleId :
NB-614-COMP-04

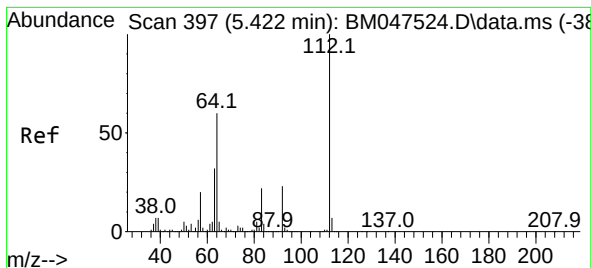
Tgt Ion: 79 Resp: 429
Ion Ratio Lower Upper
79 100
52 49.4 55.4 83.0#
51 305.7 27.9 41.9#



#4
n-Nitrosodimethylamine
Concen: 0.076 ng
RT: 3.622 min Scan# 91
Delta R.T. -0.006 min
Lab File: BM047555.D
Acq: 18 Sep 2024 14:22

Tgt Ion: 42 Resp: 562
Ion Ratio Lower Upper
42 100
74 9.4 100.5 150.7#
44 1937.3 6.9 10.3#





#5

2-Fluorophenol

Concen: 103.229 ng

RT: 5.416 min Scan# 397

Delta R.T. -0.006 min

Lab File: BM047555.D

Acq: 18 Sep 2024 14:22

Instrument :

BNA_M

ClientSampleId :

NB-614-COMP-04

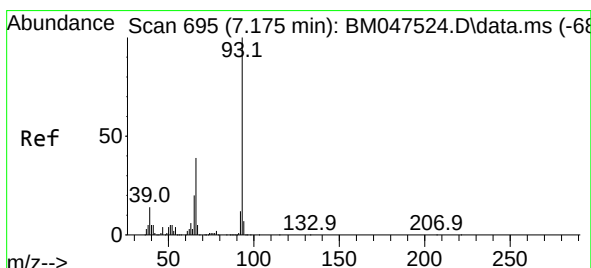
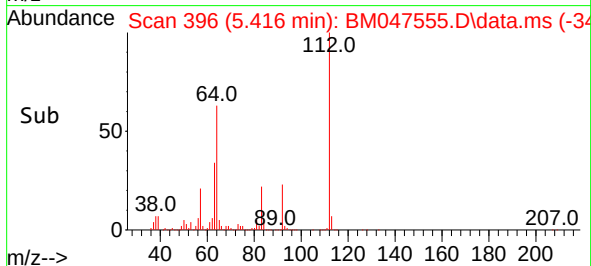
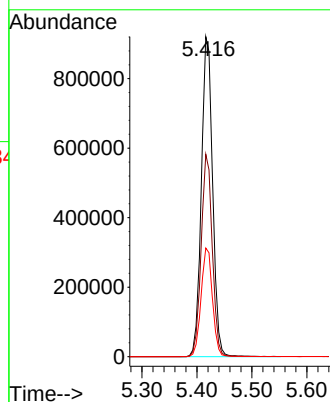
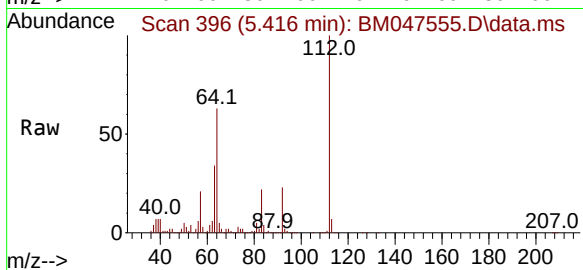
Tgt Ion:112 Resp: 1311351

Ion Ratio Lower Upper

112 100

64 63.3 48.2 72.4

63 33.9 26.0 39.0



#6

Aniline

Concen: 0.010 ng

RT: 7.145 min Scan# 690

Delta R.T. -0.029 min

Lab File: BM047555.D

Acq: 18 Sep 2024 14:22

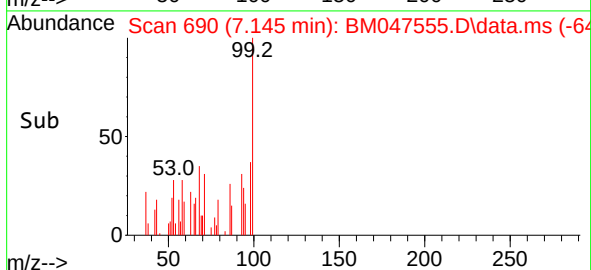
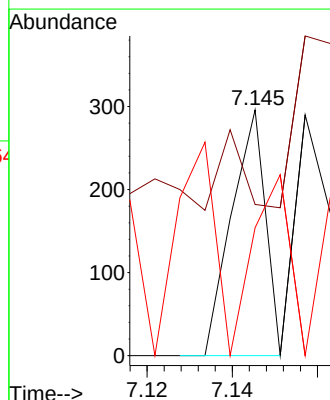
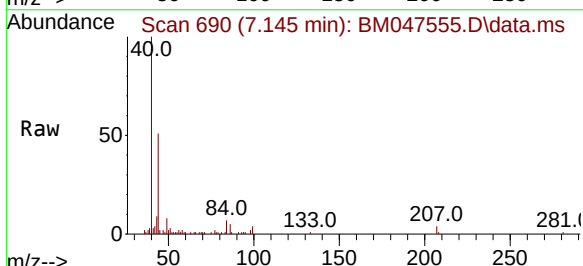
Tgt Ion: 93 Resp: 163

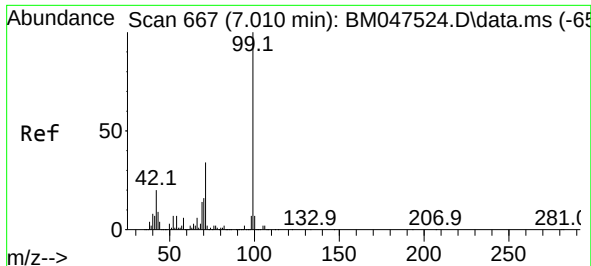
Ion Ratio Lower Upper

93 100

66 61.5 31.4 47.0#

65 52.0 16.3 24.5#

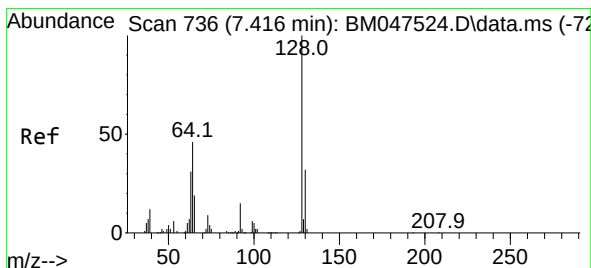
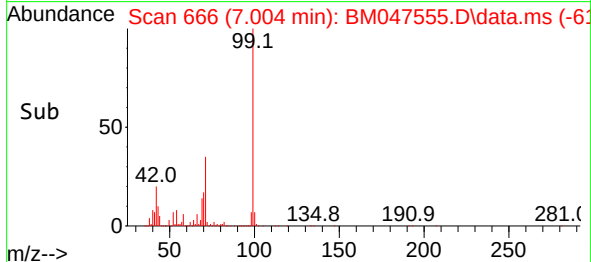
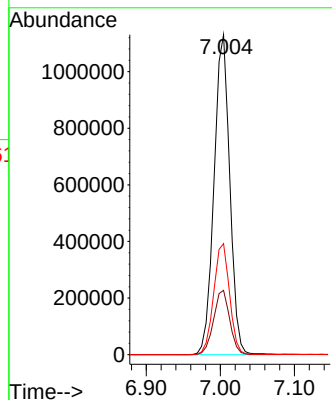
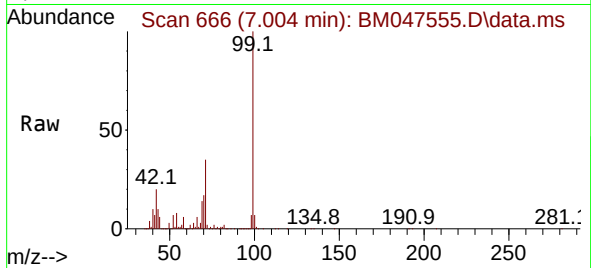




#7
Phenol-d6
Concen: 93.272 ng
RT: 7.004 min Scan# 611
Delta R.T. -0.006 min
Lab File: BM047555.D
Acq: 18 Sep 2024 14:22

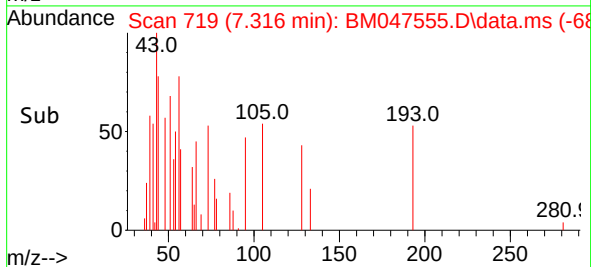
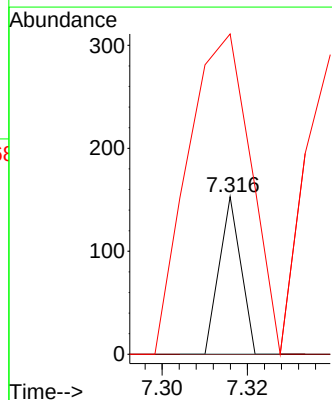
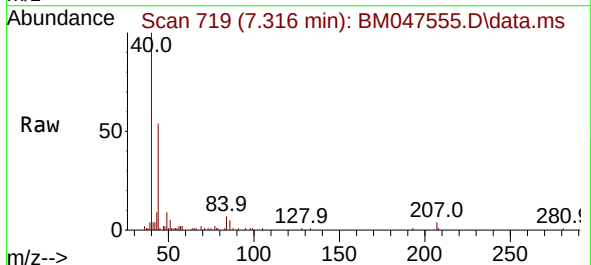
Instrument :
BNA_M
ClientSampleId :
NB-614-COMP-04

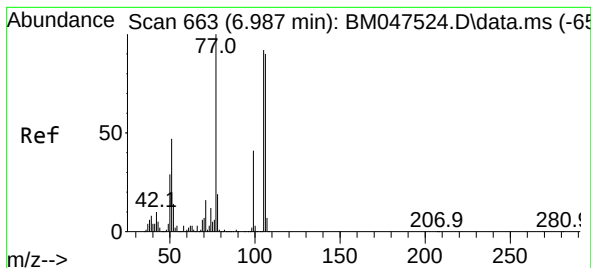
Tgt Ion: 99 Resp: 1668626
Ion Ratio Lower Upper
99 100
42 20.1 15.8 23.8
71 34.7 27.6 41.4



#8
2-Chlorophenol
Concen: 0.004 ng
RT: 7.316 min Scan# 719
Delta R.T. -0.100 min
Lab File: BM047555.D
Acq: 18 Sep 2024 14:22

Tgt Ion:128 Resp: 54
Ion Ratio Lower Upper
128 100
130 0.0 11.8 51.8#
64 203.3 27.6 67.6#





#9

Benzaldehyde

Concen: 0.476 ng

RT: 7.004 min Scan# 6

Delta R.T. 0.018 min

Lab File: BM047555.D

Acq: 18 Sep 2024 14:22

Instrument :

BNA_M

ClientSampleId :

NB-614-COMP-04

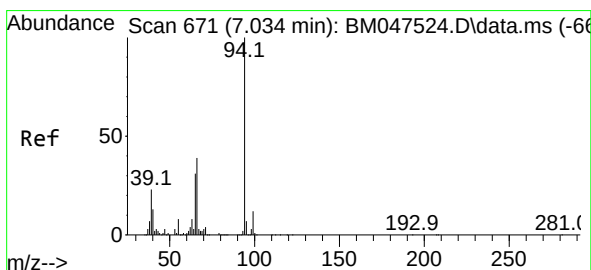
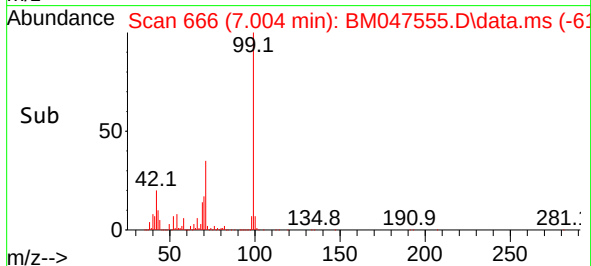
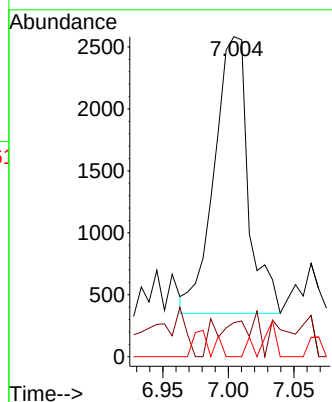
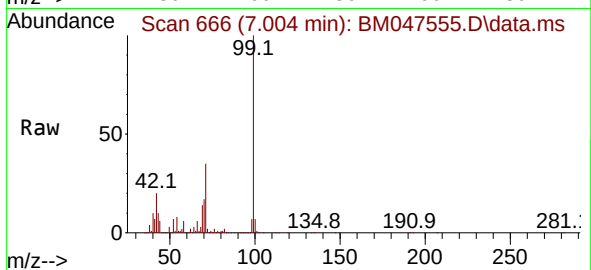
Tgt Ion: 77 Resp: 4047

Ion Ratio Lower Upper

77 100

105 10.7 71.8 111.8#

106 0.0 69.7 109.7#



#10

Phenol

Concen: 0.301 ng

RT: 7.028 min Scan# 670

Delta R.T. -0.006 min

Lab File: BM047555.D

Acq: 18 Sep 2024 14:22

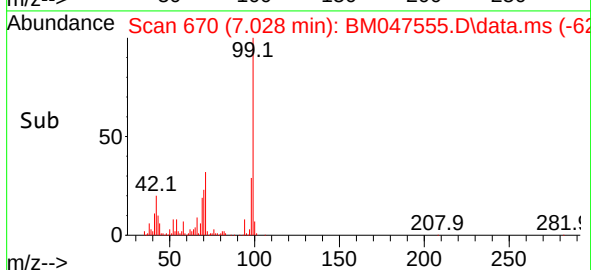
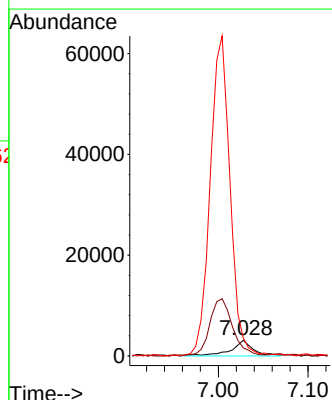
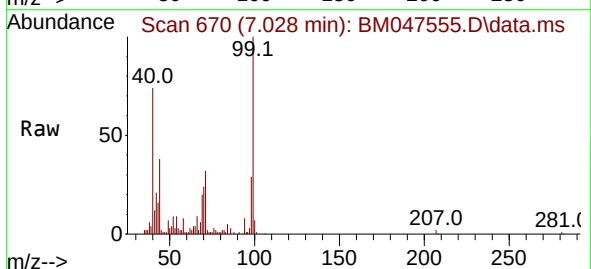
Tgt Ion: 94 Resp: 5396

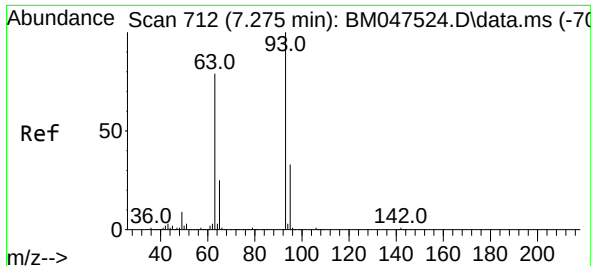
Ion Ratio Lower Upper

94 100

65 52.3 10.8 50.8#

66 115.3 19.2 59.2#

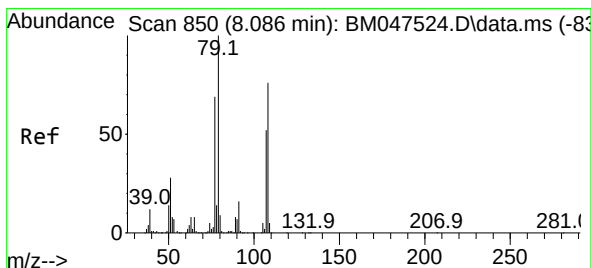
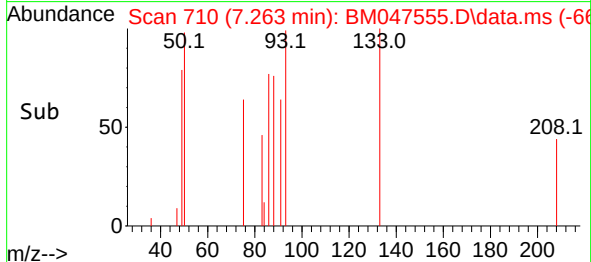
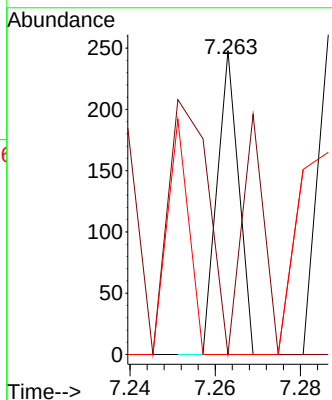
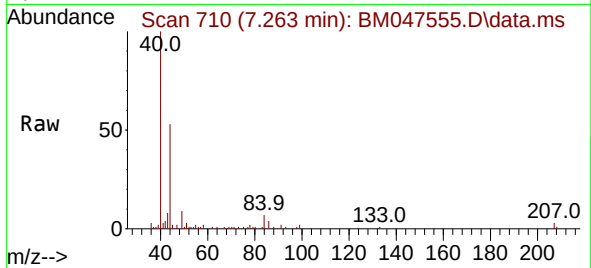




#11
bis(2-Chloroethyl)ether
Concen: 0.006 ng
RT: 7.263 min Scan# 712
Delta R.T. -0.012 min
Lab File: BM047555.D
Acq: 18 Sep 2024 14:22

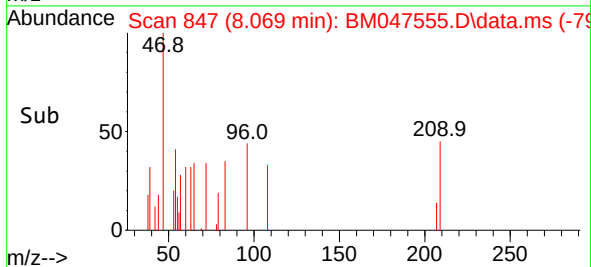
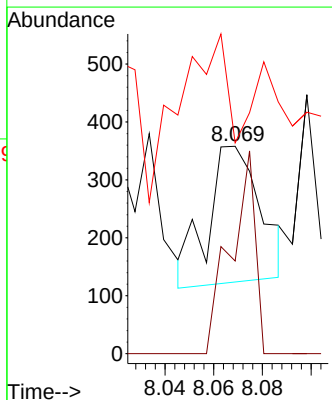
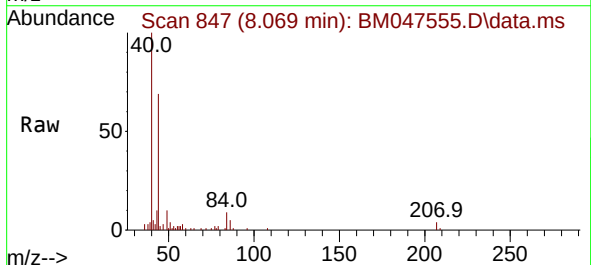
Instrument :
BNA_M
ClientSampleId :
NB-614-COMP-04

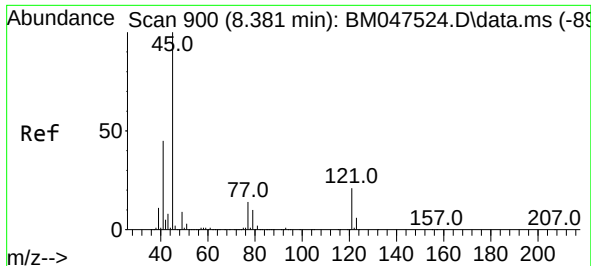
Tgt Ion: 93 Resp: 87
Ion Ratio Lower Upper
93 100
63 0.0 58.2 98.2#
95 0.0 12.8 52.8#



#15
Benzyl Alcohol
Concen: 0.029 ng
RT: 8.069 min Scan# 847
Delta R.T. -0.018 min
Lab File: BM047555.D
Acq: 18 Sep 2024 14:22

Tgt Ion: 79 Resp: 356
Ion Ratio Lower Upper
79 100
108 44.7 60.6 91.0#
77 101.7 55.0 82.4#

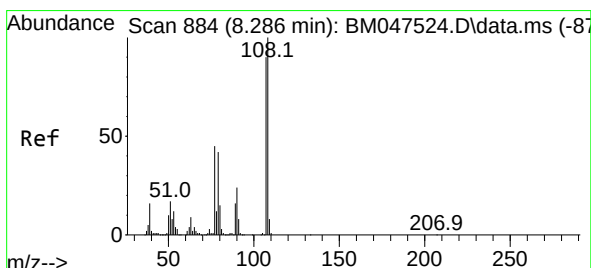
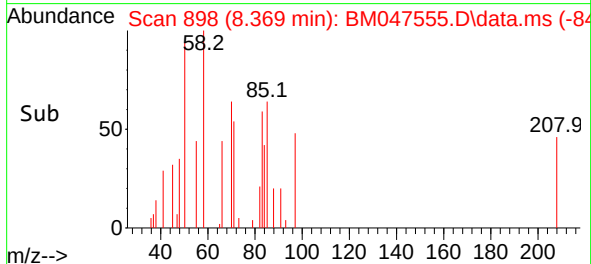
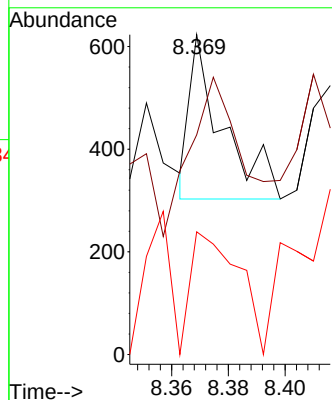
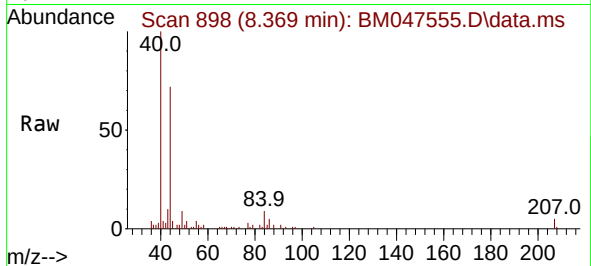




#16
2,2'-oxybis(1-Chloropropane)
Concen: 0.013 ng
RT: 8.369 min Scan# 898
Delta R.T. -0.012 min
Lab File: BM047555.D
Acq: 18 Sep 2024 14:22

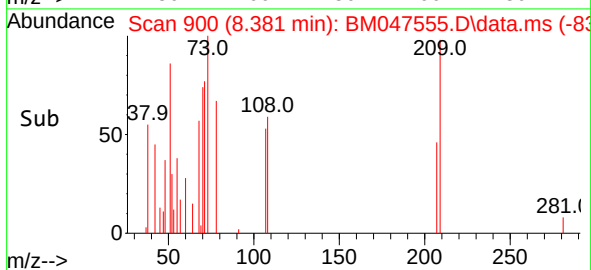
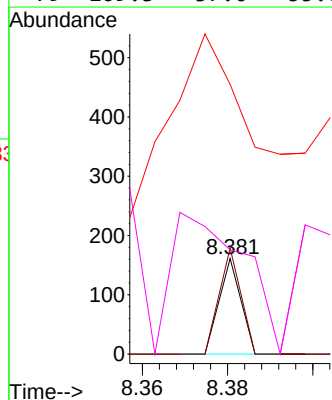
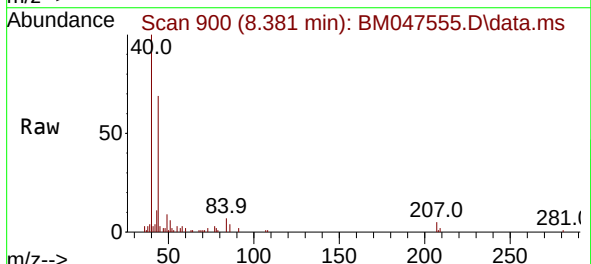
Instrument :
BNA_M
ClientSampleId :
NB-614-COMP-04

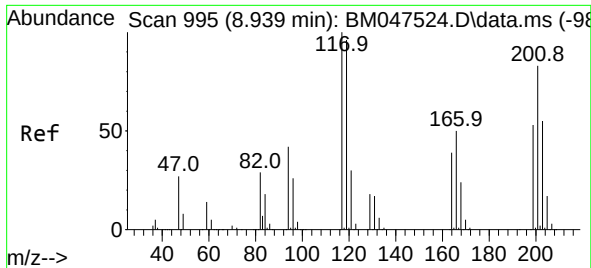
Tgt Ion: 45 Resp: 258
Ion Ratio Lower Upper
45 100
77 68.7 0.0 33.7#
79 38.4 0.0 30.3#



#17
2-Methylphenol
Concen: 0.005 ng
RT: 8.381 min Scan# 900
Delta R.T. 0.094 min
Lab File: BM047555.D
Acq: 18 Sep 2024 14:22

Tgt Ion: 107 Resp: 57
Ion Ratio Lower Upper
107 100
108 111.2 88.9 133.3
77 282.6 39.8 59.8#
79 109.3 37.0 55.6#

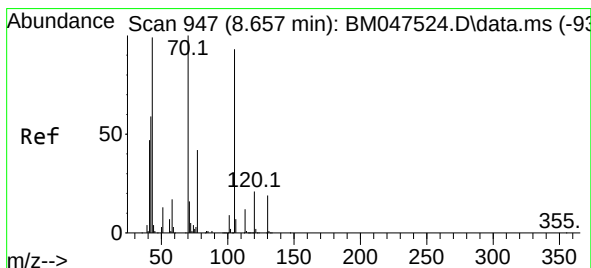
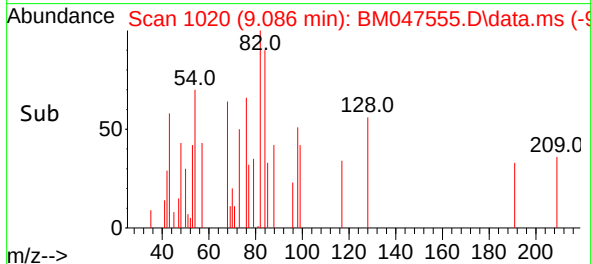
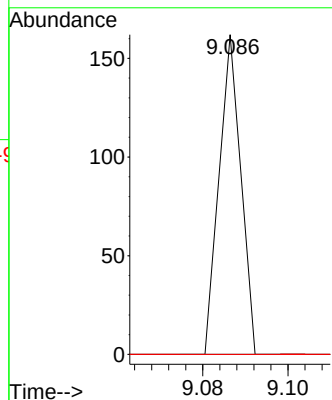
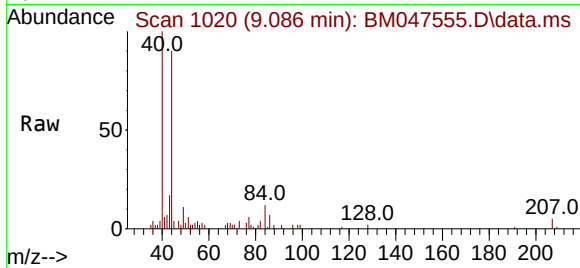




#18
Hexachloroethane
Concen: 0.009 ng
RT: 9.086 min Scan# 1020
Delta R.T. 0.147 min
Lab File: BM047555.D
Acq: 18 Sep 2024 14:22

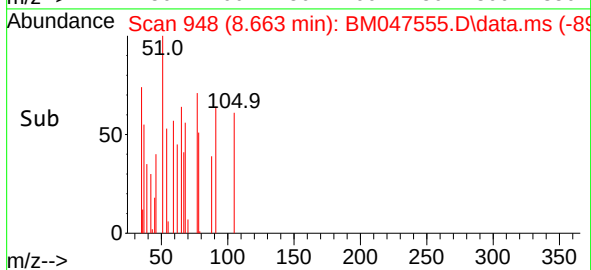
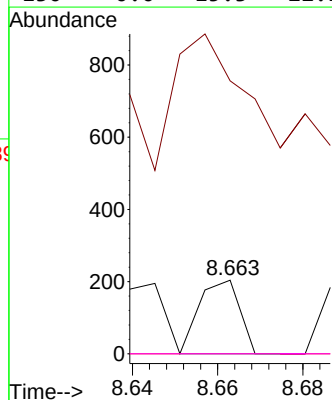
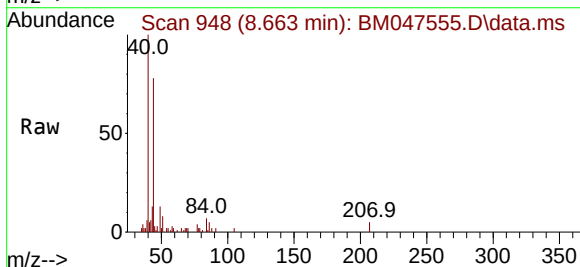
Instrument :
BNA_M
ClientSampleId :
NB-614-COMP-04

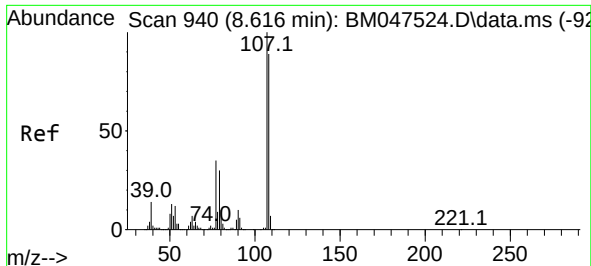
Tgt Ion:117 Resp: 57
Ion Ratio Lower Upper
117 100
119 0.0 77.0 115.4#
201 0.0 66.8 100.2#



#19
n-Nitroso-di-n-propylamine
Concen: 0.011 ng
RT: 8.663 min Scan# 948
Delta R.T. 0.006 min
Lab File: BM047555.D
Acq: 18 Sep 2024 14:22

Tgt Ion: 70 Resp: 134
Ion Ratio Lower Upper
70 100
42 370.6 48.2 72.2#
101 0.0 7.0 10.4#
130 0.0 15.3 22.9#

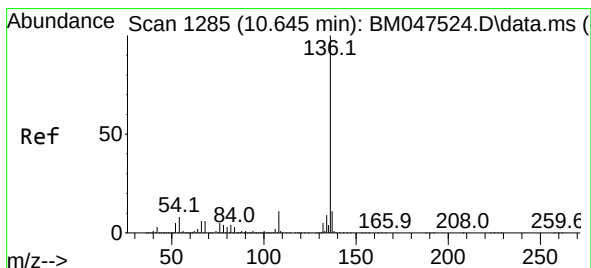
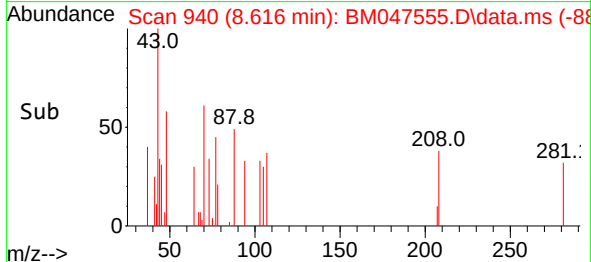
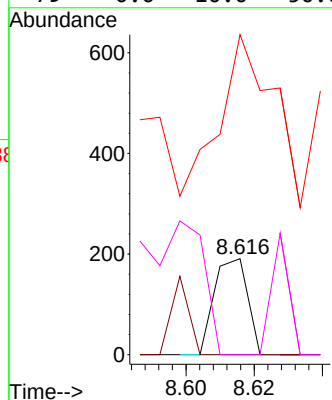
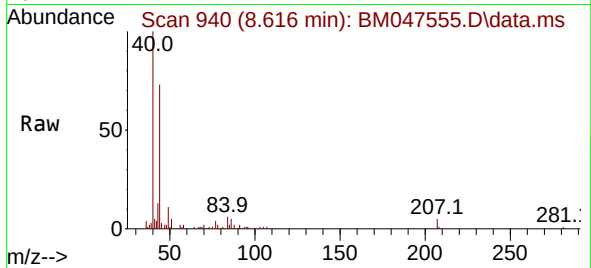




#20
3+4-Methylphenols
Concen: 0.008 ng
RT: 8.616 min Scan# 940
Delta R.T. 0.000 min
Lab File: BM047555.D
Acq: 18 Sep 2024 14:22

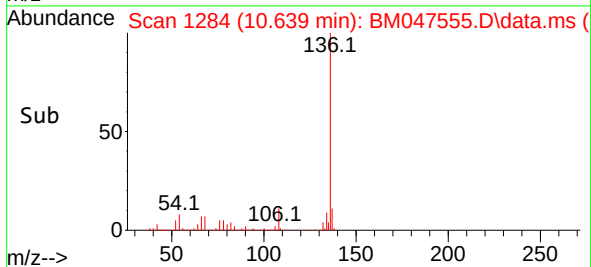
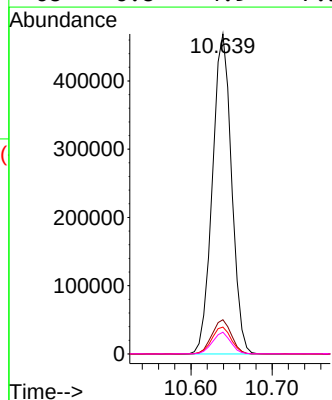
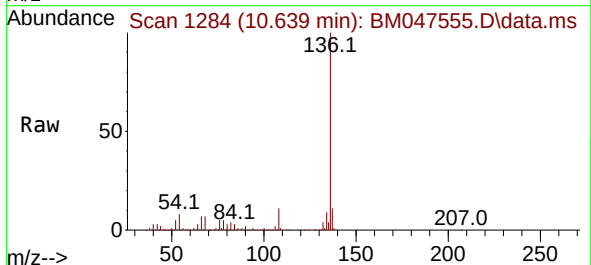
Instrument :
BNA_M
ClientSampleId :
NB-614-COMP-04

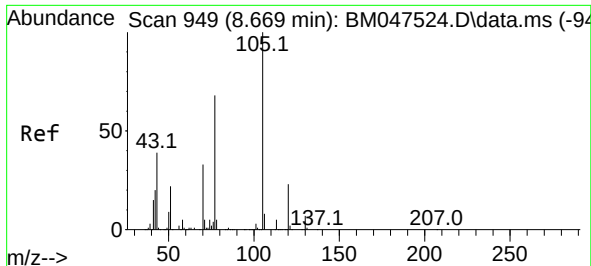
Tgt Ion:107 Resp: 129
Ion Ratio Lower Upper
107 100
108 0.0 68.9 108.9#
77 333.0 15.5 55.5#
79 0.0 10.0 50.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.639 min Scan# 1284
Delta R.T. -0.006 min
Lab File: BM047555.D
Acq: 18 Sep 2024 14:22

Tgt Ion:136 Resp: 768134
Ion Ratio Lower Upper
136 100
137 10.7 9.0 13.6
54 8.4 6.6 9.8
68 6.8 4.9 7.3

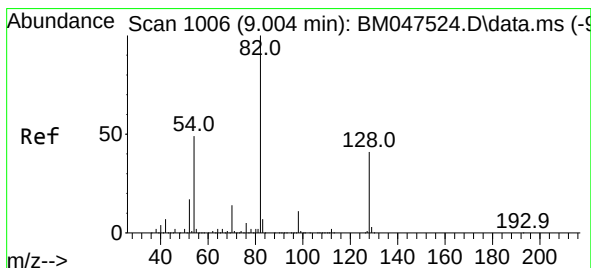
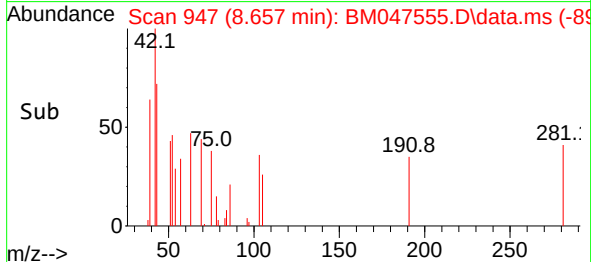
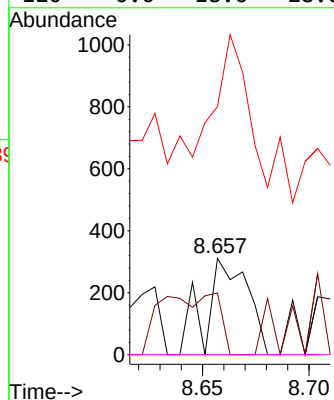
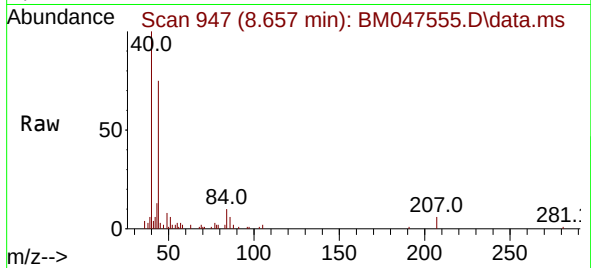




#22
Acetophenone
Concen: 0.021 ng
RT: 8.657 min Scan# 94
Delta R.T. -0.012 min
Lab File: BM047555.D
Acq: 18 Sep 2024 14:22

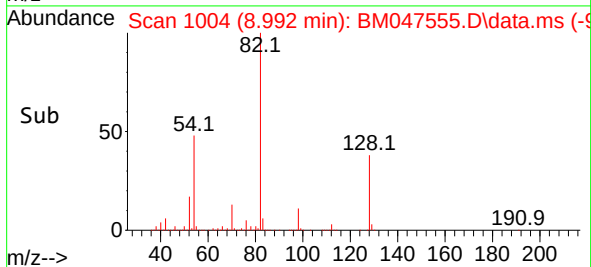
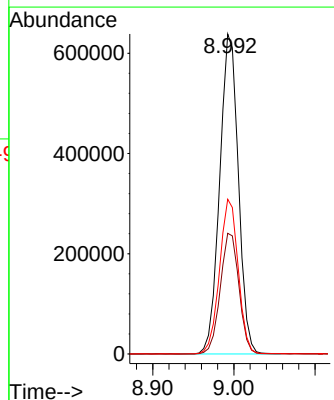
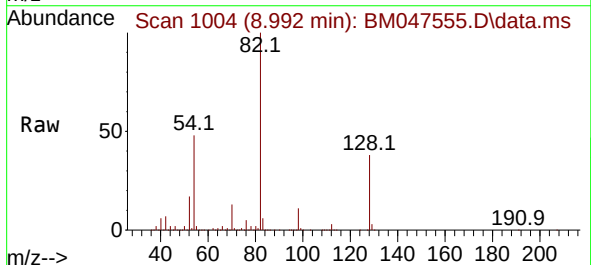
Instrument :
BNA_M
ClientSampleId :
NB-614-COMP-04

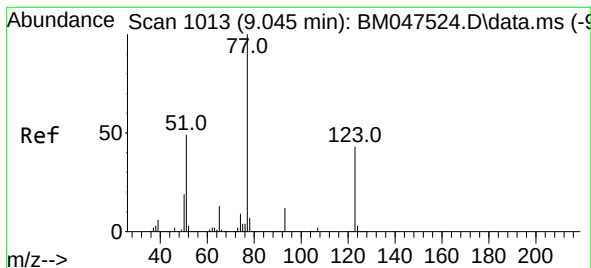
Tgt Ion:	105	Resp:	429
Ion	Ratio	Lower	Upper
105	100		
71	64.0	4.3	6.5#
51	257.6	21.5	32.3#
120	0.0	18.6	28.0#



#23
Nitrobenzene-d5
Concen: 66.513 ng
RT: 8.992 min Scan# 1004
Delta R.T. -0.012 min
Lab File: BM047555.D
Acq: 18 Sep 2024 14:22

Tgt Ion:	82	Resp:	1020871
Ion	Ratio	Lower	Upper
82	100		
128	37.7	33.0	49.4
54	48.4	39.3	58.9





#24

Nitrobenzene

Concen: 0.022 ng

RT: 9.069 min Scan# 1017

Delta R.T. 0.024 min

Lab File: BM047555.D

Acq: 18 Sep 2024 14:22

Instrument :

BNA_M

ClientSampleId :

NB-614-COMP-04

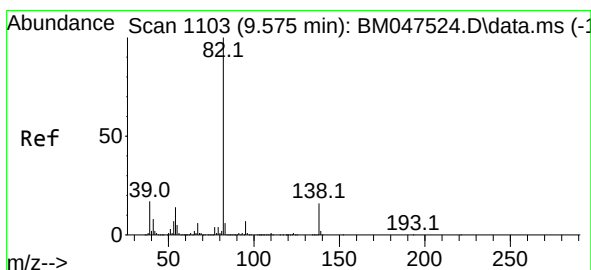
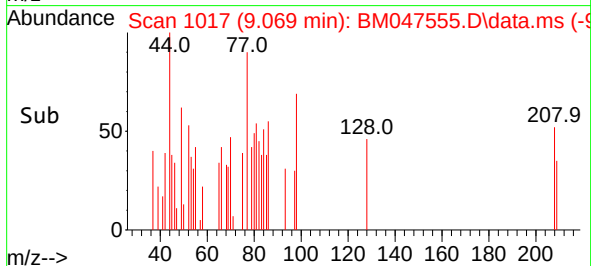
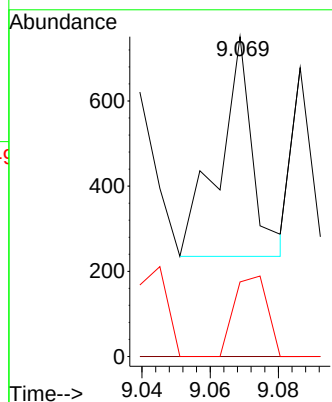
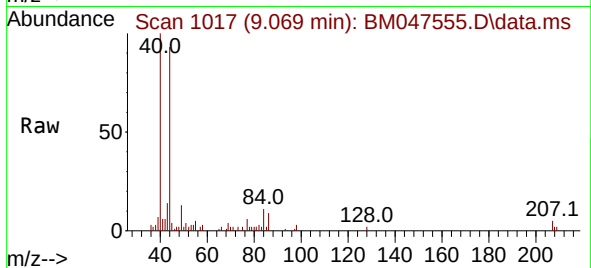
Tgt Ion: 77 Resp: 352

Ion Ratio Lower Upper

77 100

123 0.0 34.5 51.7#

65 23.3 10.7 16.1#



#25

Isophorone

Concen: 0.005 ng

RT: 9.551 min Scan# 1099

Delta R.T. -0.024 min

Lab File: BM047555.D

Acq: 18 Sep 2024 14:22

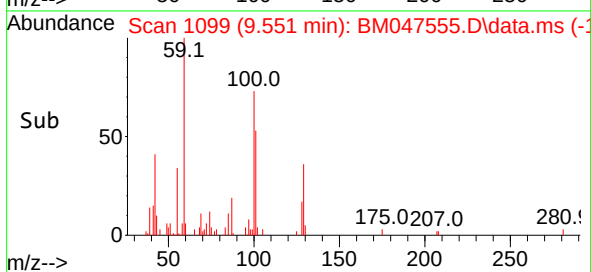
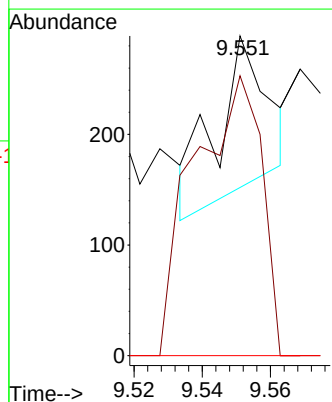
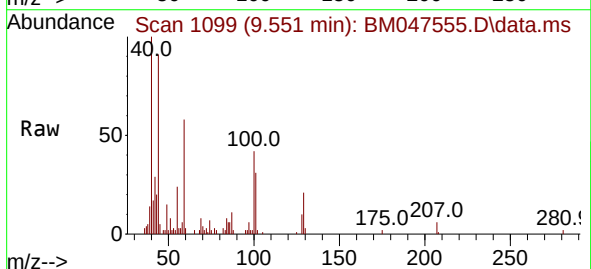
Tgt Ion: 82 Resp: 143

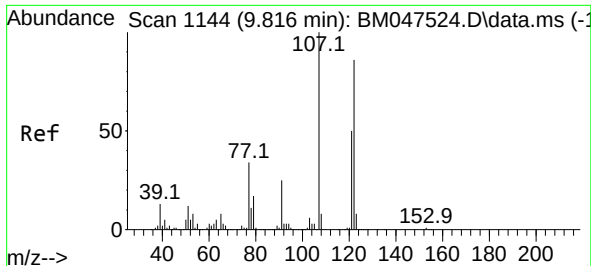
Ion Ratio Lower Upper

82 100

95 87.5 5.4 8.0#

138 0.0 12.9 19.3#





#27

2,4-Dimethylphenol

Concen: 0.031 ng

RT: 9.822 min Scan# 1144

Delta R.T. 0.006 min

Lab File: BM047555.D

Acq: 18 Sep 2024 14:22

Instrument :

BNA_M

ClientSampleId :

NB-614-COMP-04

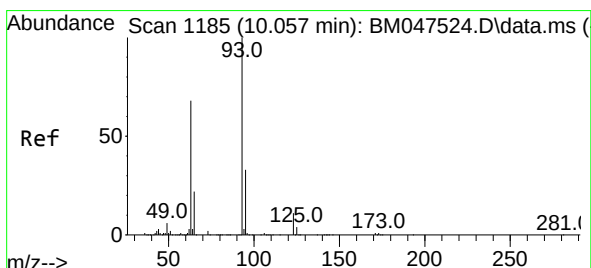
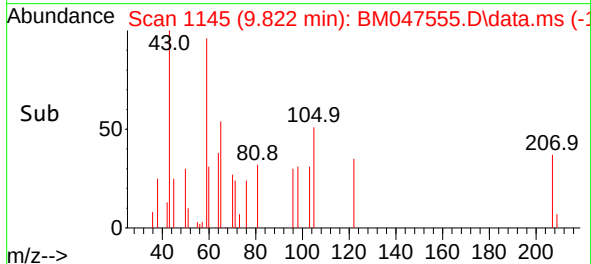
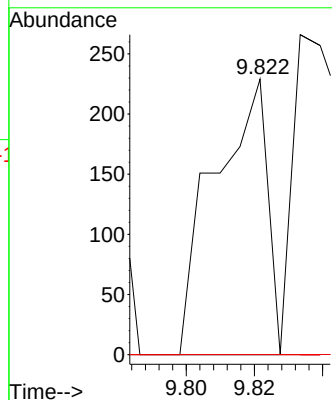
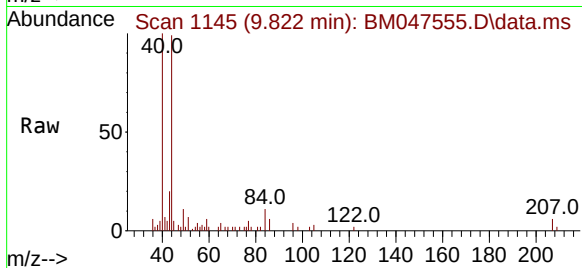
Tgt Ion:122 Resp: 249

Ion Ratio Lower Upper

122 100

107 0.0 92.4 138.6#

121 0.0 46.2 69.4#



#28

bis(2-Chloroethoxy)methane

Concen: 0.003 ng

RT: 10.016 min Scan# 1178

Delta R.T. -0.041 min

Lab File: BM047555.D

Acq: 18 Sep 2024 14:22

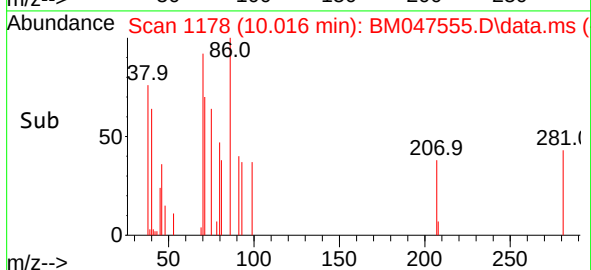
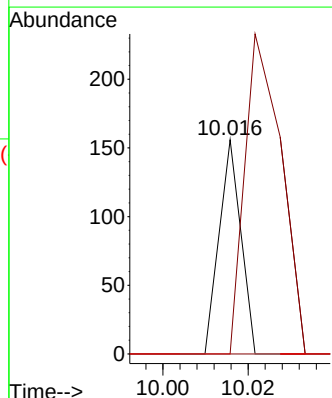
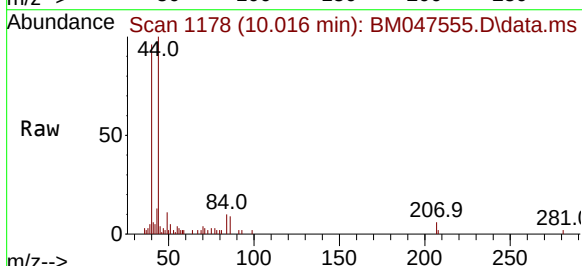
Tgt Ion: 93 Resp: 55

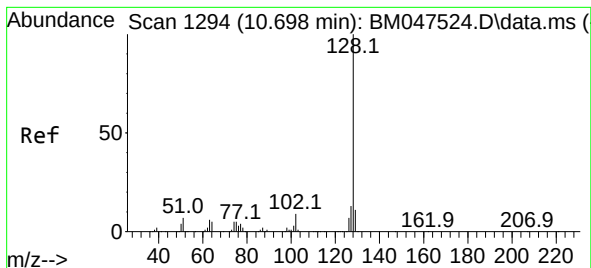
Ion Ratio Lower Upper

93 100

95 0.0 26.2 39.2#

123 0.0 9.2 13.8#





#31

Naphthalene

Concen: 0.001 ng

RT: 10.663 min Scan# 1160

Delta R.T. -0.035 min

Lab File: BM047555.D

Acq: 18 Sep 2024 14:22

Instrument :

BNA_M

ClientSampleId :

NB-614-COMP-04

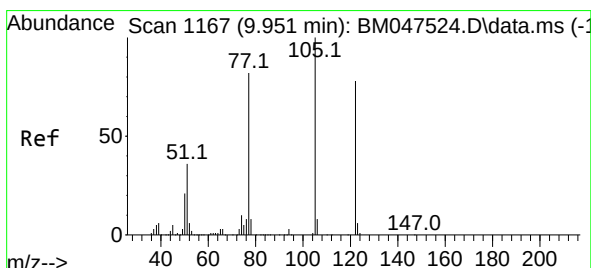
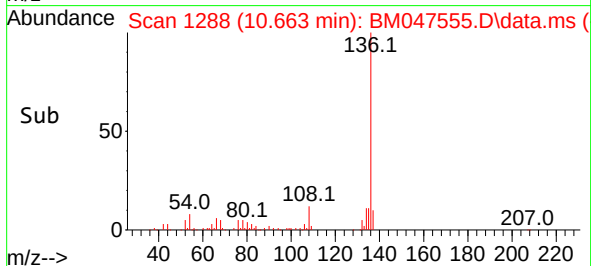
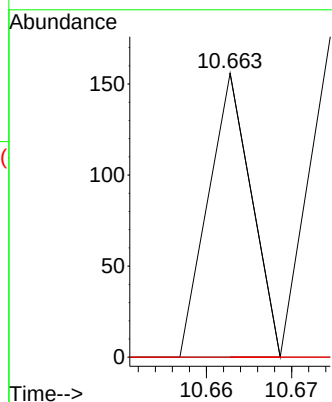
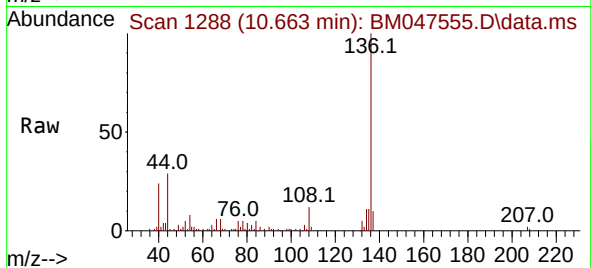
Tgt Ion:128 Resp: 55

Ion Ratio Lower Upper

128 100

129 0.0 8.7 13.1#

127 0.0 10.5 15.7#



#32

Benzoic acid

Concen: 6.706 ng

RT: 9.910 min Scan# 1160

Delta R.T. -0.041 min

Lab File: BM047555.D

Acq: 18 Sep 2024 14:22

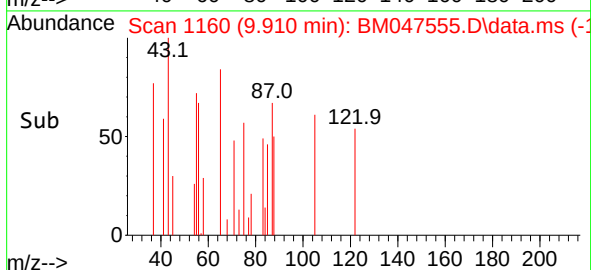
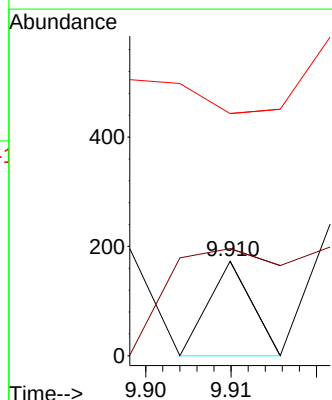
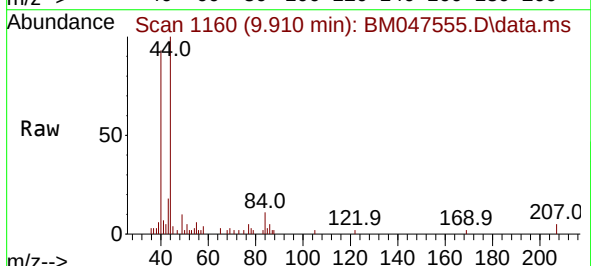
Tgt Ion:122 Resp: 61

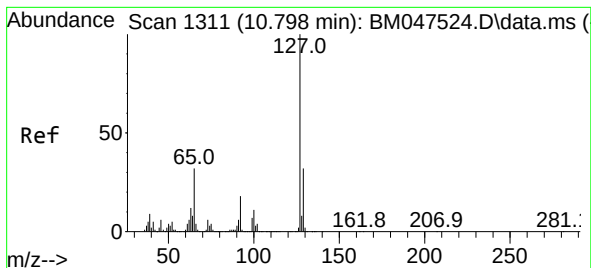
Ion Ratio Lower Upper

122 100

105 113.3 104.7 144.7

77 256.1 83.4 123.4#

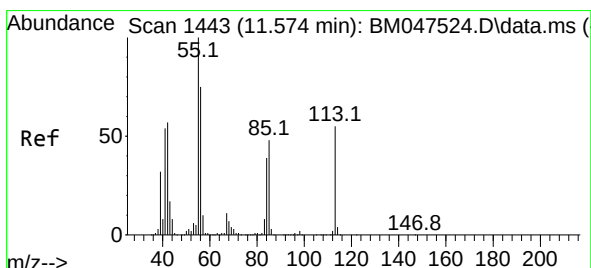
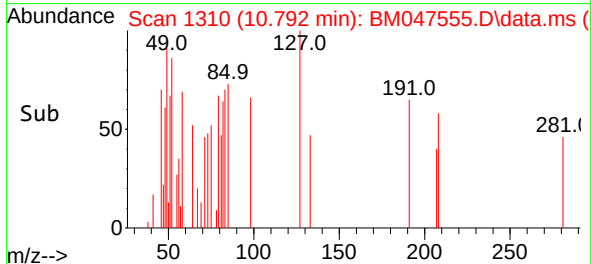
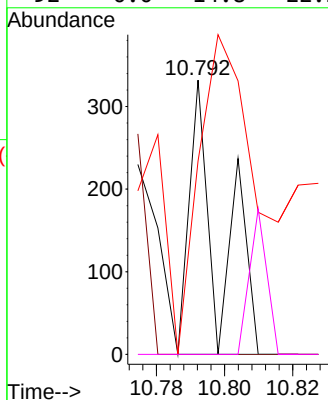
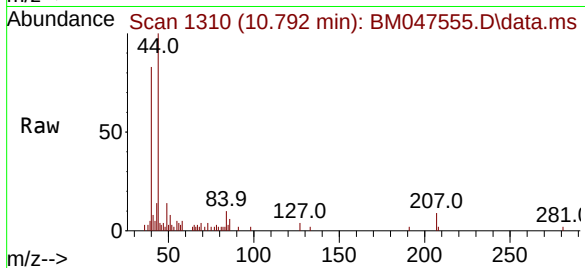




#33
4-Chloroaniline
Concen: 0.013 ng
RT: 10.792 min Scan# 11
Delta R.T. -0.006 min
Lab File: BM047555.D
Acq: 18 Sep 2024 14:22

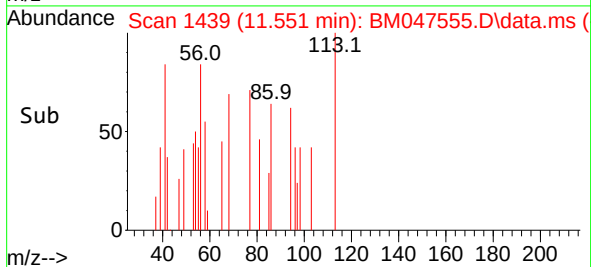
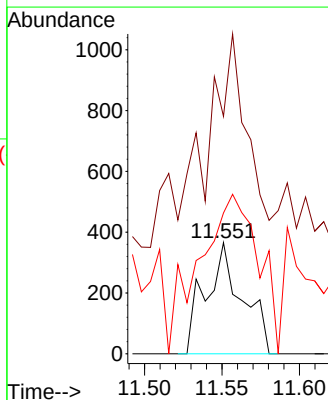
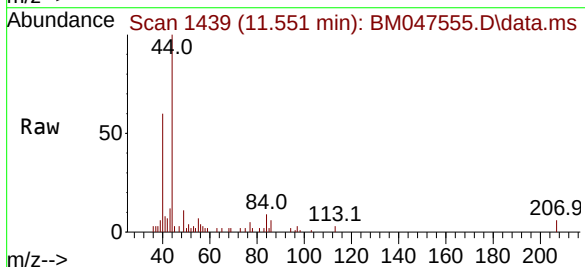
Instrument :
BNA_M
ClientSampleId :
NB-614-COMP-04

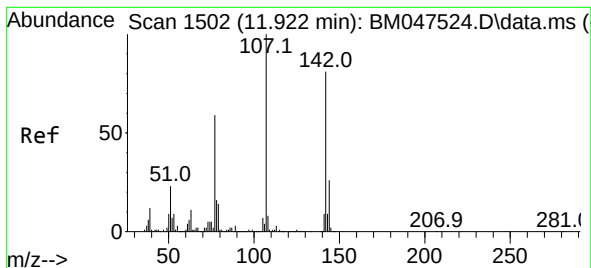
Tgt Ion:127	Resp:	201
Ion	Ratio	Lower Upper
127	100	
129	0.0	25.4 38.0#
65	70.5	25.5 38.3#
92	0.0	14.8 22.2#



#35
Caprolactam
Concen: 0.176 ng
RT: 11.551 min Scan# 1439
Delta R.T. -0.024 min
Lab File: BM047555.D
Acq: 18 Sep 2024 14:22

Tgt Ion:113	Resp:	599
Ion	Ratio	Lower Upper
113	100	
55	213.4	162.5 202.5#
56	126.5	116.5 156.5

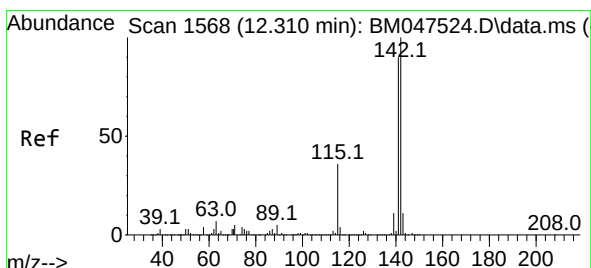
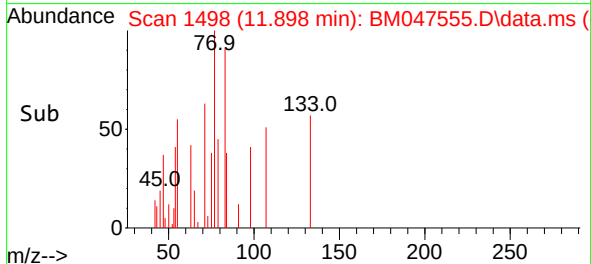
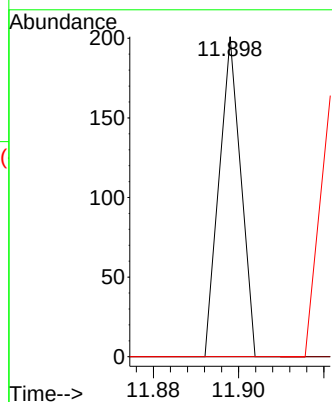
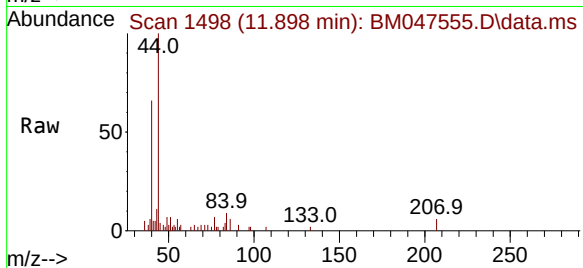




#36
4-Chloro-3-methylphenol
Concen: 0.006 ng
RT: 11.898 min Scan# 14
Delta R.T. -0.024 min
Lab File: BM047555.D
Acq: 18 Sep 2024 14:22

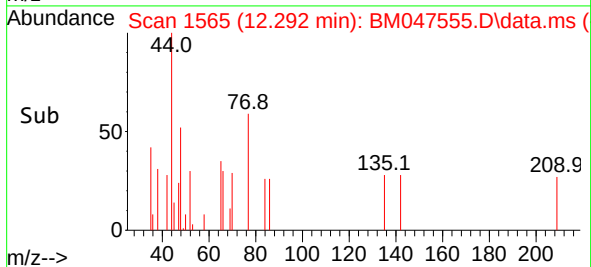
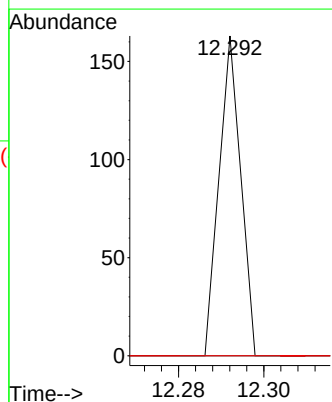
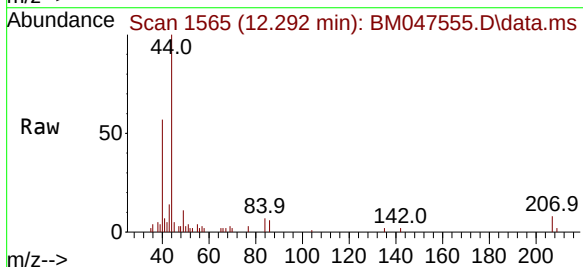
Instrument :
BNA_M
ClientSampleId :
NB-614-COMP-04

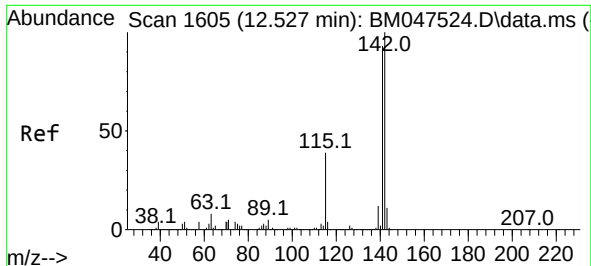
Tgt Ion:107 Resp: 71
Ion Ratio Lower Upper
107 100
144 0.0 20.5 30.7#
142 0.0 65.0 97.4#



#37
2-Methylnaphthalene
Concen: 0.002 ng
RT: 12.292 min Scan# 1565
Delta R.T. -0.018 min
Lab File: BM047555.D
Acq: 18 Sep 2024 14:22

Tgt Ion:142 Resp: 57
Ion Ratio Lower Upper
142 100
141 0.0 72.2 108.4#
115 0.0 29.1 43.7#





#38

1-Methylnaphthalene

Concen: 0.002 ng

RT: 12.292 min Scan# 1

Delta R.T. -0.235 min

Lab File: BM047555.D

Acq: 18 Sep 2024 14:22

Instrument :

BNA_M

ClientSampleId :

NB-614-COMP-04

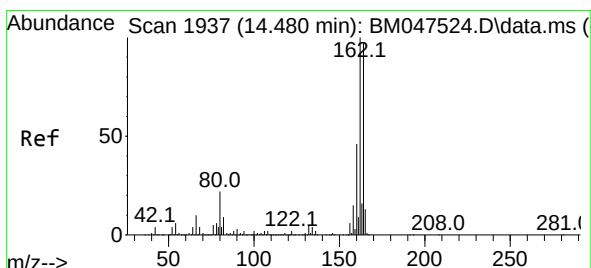
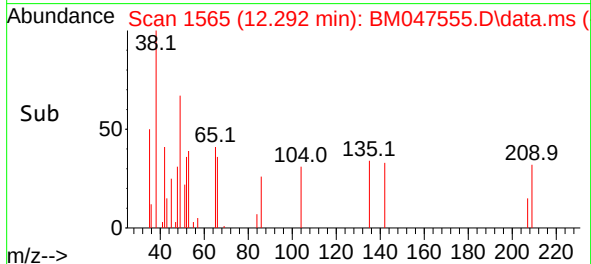
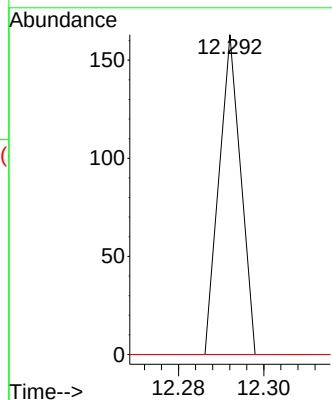
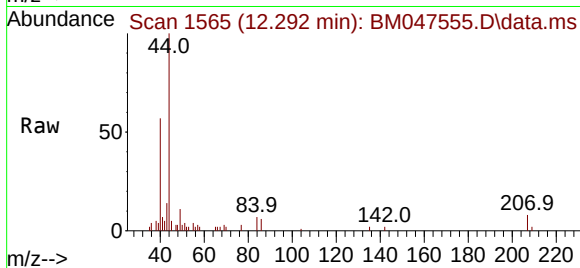
Tgt Ion:142 Resp: 57

Ion Ratio Lower Upper

142 100

141 0.0 74.7 112.1#

116 0.0 3.2 4.8#



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.474 min Scan# 1936

Delta R.T. -0.006 min

Lab File: BM047555.D

Acq: 18 Sep 2024 14:22

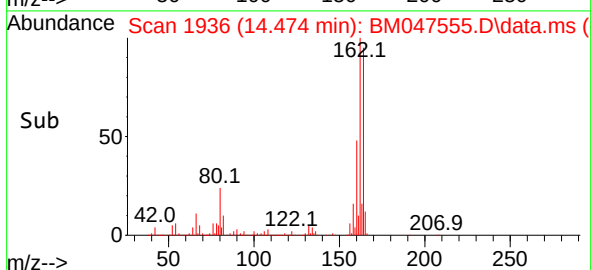
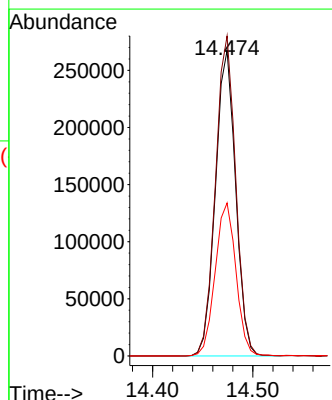
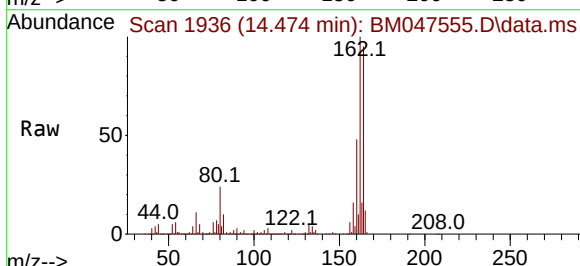
Tgt Ion:164 Resp: 373343

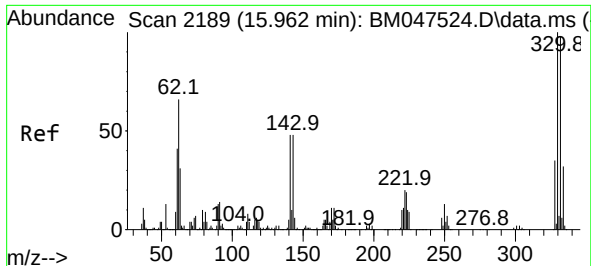
Ion Ratio Lower Upper

164 100

162 104.7 82.2 123.2

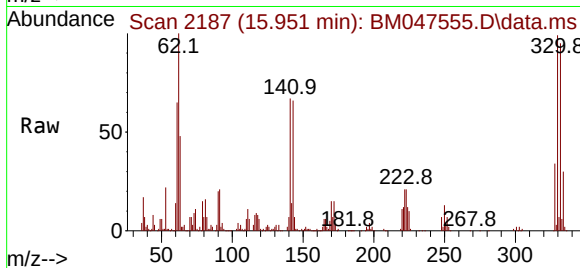
160 50.0 38.2 57.2



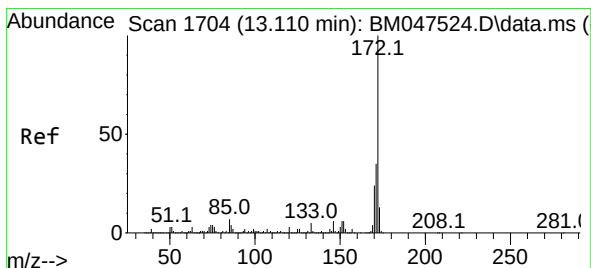
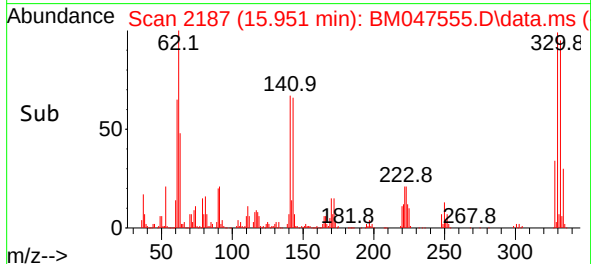
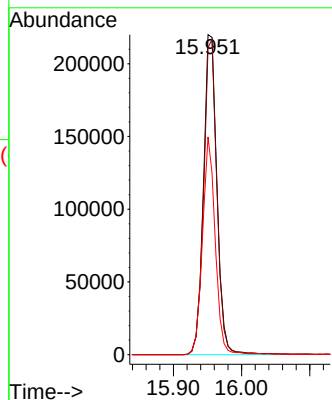


#42
2,4,6-Tribromophenol
Concen: 84.251 ng
RT: 15.951 min Scan# 2187
Delta R.T. -0.012 min
Lab File: BM047555.D
Acq: 18 Sep 2024 14:22

Instrument :
BNA_M
ClientSampleId :
NB-614-COMP-04

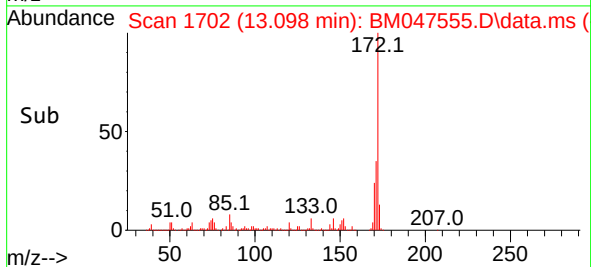
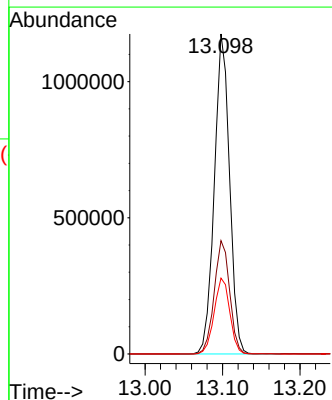
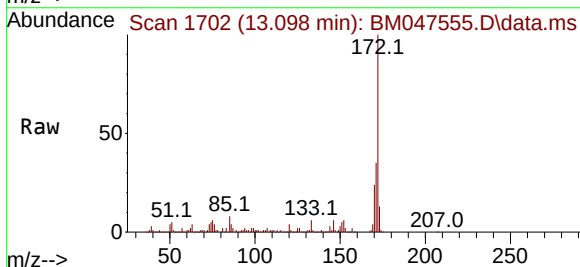


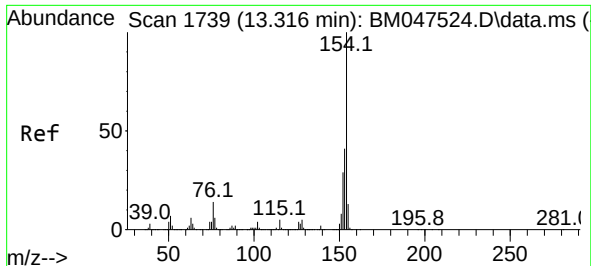
Tgt Ion:330 Resp: 304036
Ion Ratio Lower Upper
330 100
332 97.0 76.9 115.3
141 63.8 42.2 63.2#



#45
2-Fluorobiphenyl
Concen: 59.111 ng
RT: 13.098 min Scan# 1702
Delta R.T. -0.012 min
Lab File: BM047555.D
Acq: 18 Sep 2024 14:22

Tgt Ion:172 Resp: 1602068
Ion Ratio Lower Upper
172 100
171 35.4 28.2 42.2
170 23.7 19.4 29.0

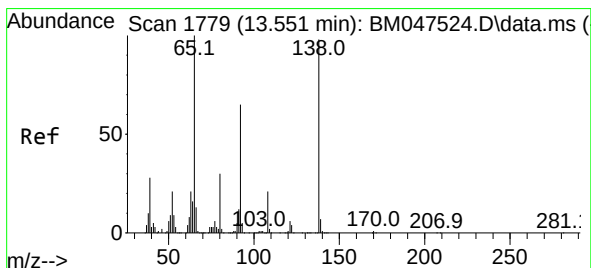
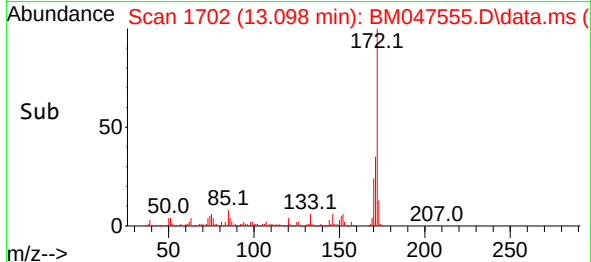
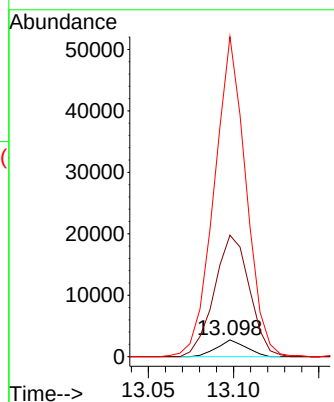
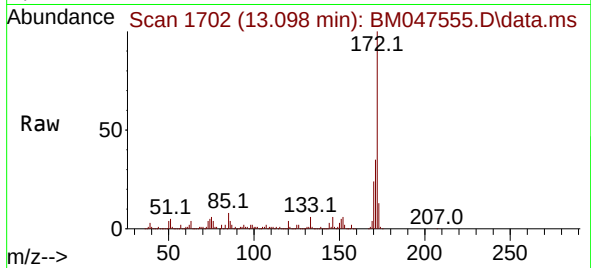




#46
1,1'-Biphenyl
Concen: 0.112 ng
RT: 13.098 min Scan# 1739
Delta R.T. -0.218 min
Lab File: BM047555.D
Acq: 18 Sep 2024 14:22

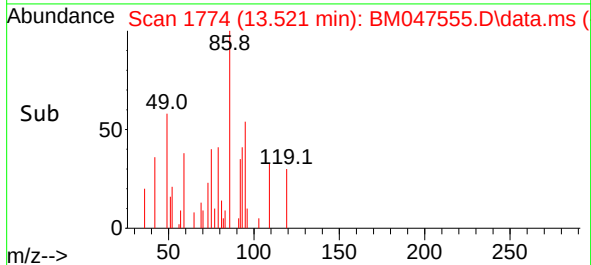
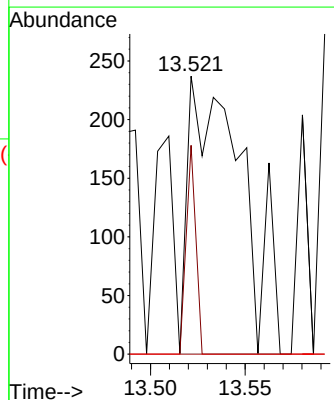
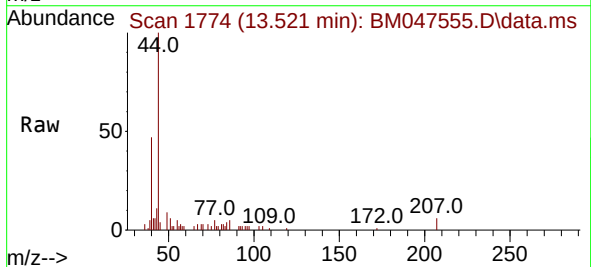
Instrument :
BNA_M
ClientSampleId :
NB-614-COMP-04

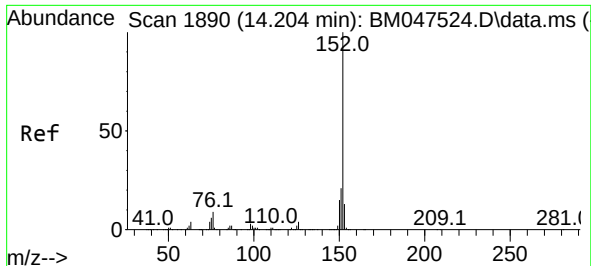
Tgt Ion:154 Resp: 3257
Ion Ratio Lower Upper
154 100
153 721.7 20.6 60.6#
76 1902.1 0.0 33.9#



#48
2-Nitroaniline
Concen: 0.071 ng
RT: 13.521 min Scan# 1774
Delta R.T. -0.029 min
Lab File: BM047555.D
Acq: 18 Sep 2024 14:22

Tgt Ion: 65 Resp: 472
Ion Ratio Lower Upper
65 100
92 75.1 51.9 77.9
138 0.0 78.5 117.7#

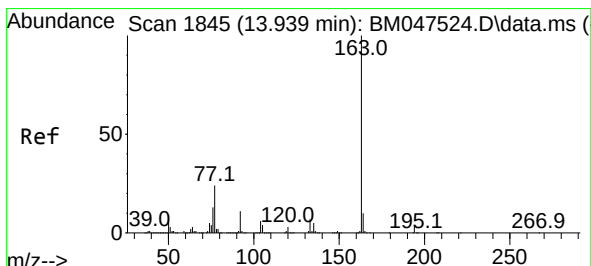
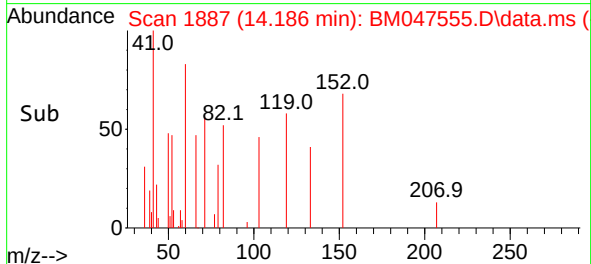
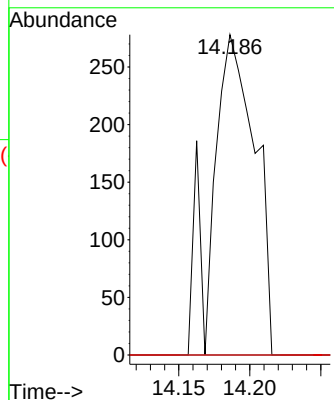
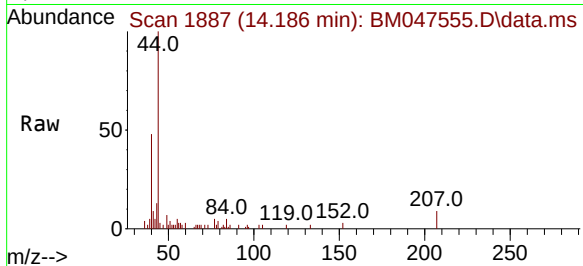




#49
Acenaphthylene
Concen: 0.018 ng
RT: 14.186 min Scan# 1887
Delta R.T. -0.018 min
Lab File: BM047555.D
Acq: 18 Sep 2024 14:22

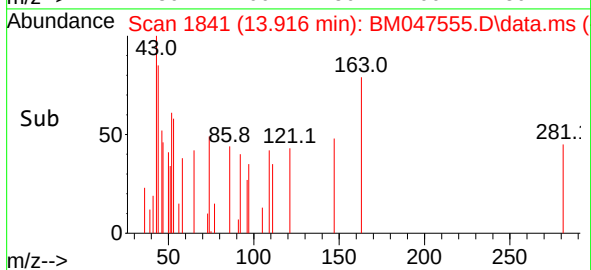
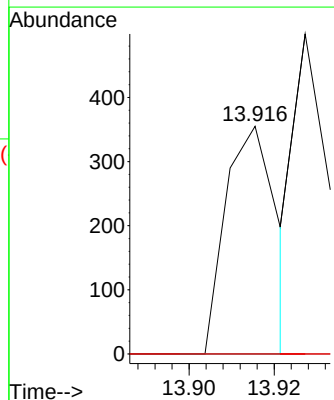
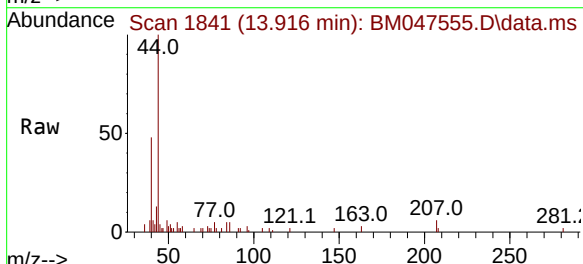
Instrument :
BNA_M
ClientSampleId :
NB-614-COMP-04

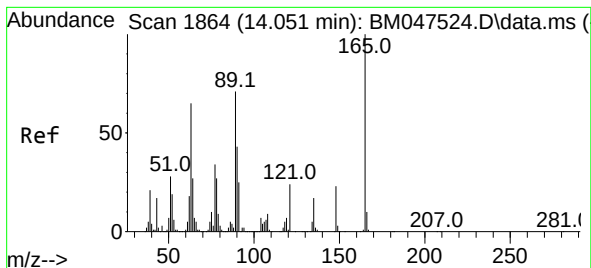
Tgt Ion:152 Resp: 585
Ion Ratio Lower Upper
152 100
151 0.0 16.5 24.7#
153 0.0 10.4 15.6#



#50
Dimethylphthalate
Concen: 0.012 ng
RT: 13.916 min Scan# 1841
Delta R.T. -0.024 min
Lab File: BM047555.D
Acq: 18 Sep 2024 14:22

Tgt Ion:163 Resp: 298
Ion Ratio Lower Upper
163 100
194 0.0 2.9 4.3#
164 0.0 7.9 11.9#

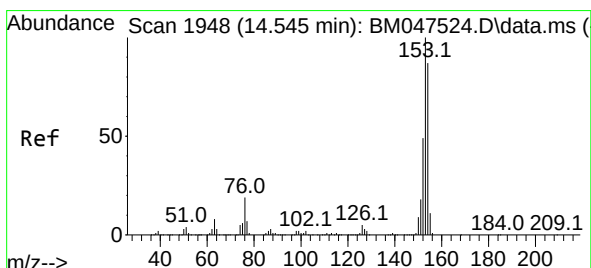
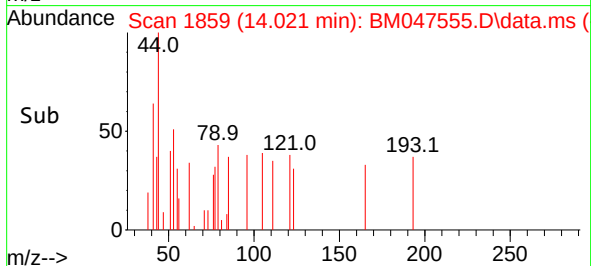
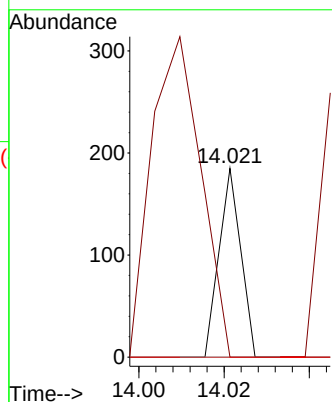
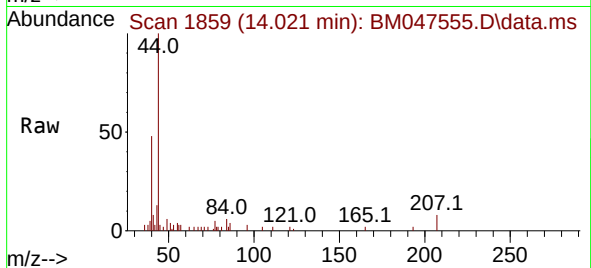




#51
2,6-Dinitrotoluene
Concen: 0.012 ng
RT: 14.021 min Scan# 1864
Delta R.T. -0.029 min
Lab File: BM047555.D
Acq: 18 Sep 2024 14:22

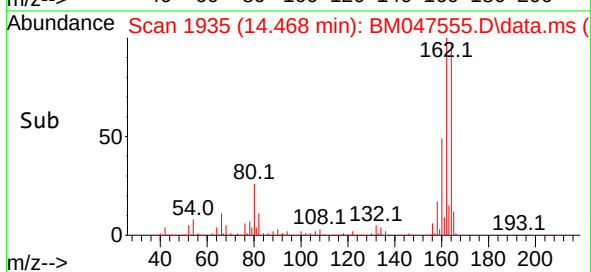
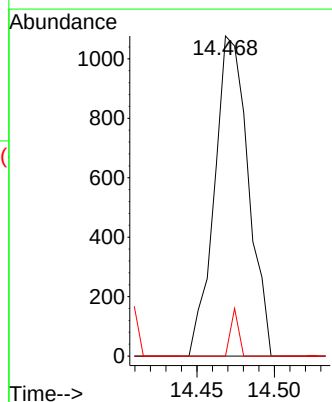
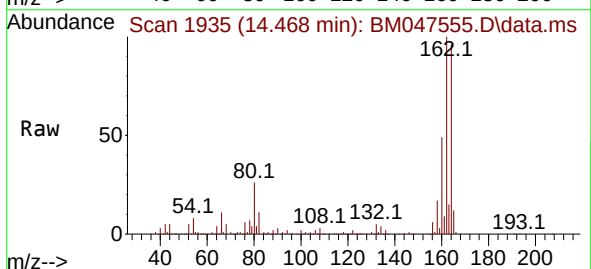
Instrument :
BNA_M
ClientSampleId :
NB-614-COMP-04

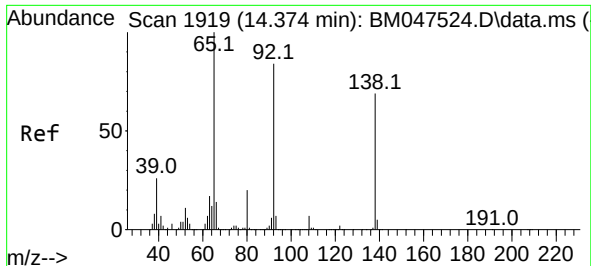
Tgt Ion:165 Resp: 65
Ion Ratio Lower Upper
165 100
63 0.0 54.2 81.2#
89 0.0 56.4 84.6#



#52
Acenaphthene
Concen: 0.072 ng
RT: 14.468 min Scan# 1935
Delta R.T. -0.076 min
Lab File: BM047555.D
Acq: 18 Sep 2024 14:22

Tgt Ion:154 Resp: 1640
Ion Ratio Lower Upper
154 100
153 0.0 92.2 138.2#
152 0.0 45.4 68.0#

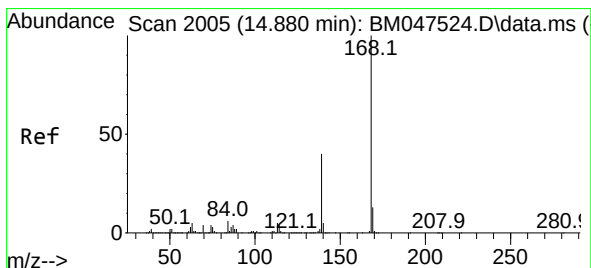
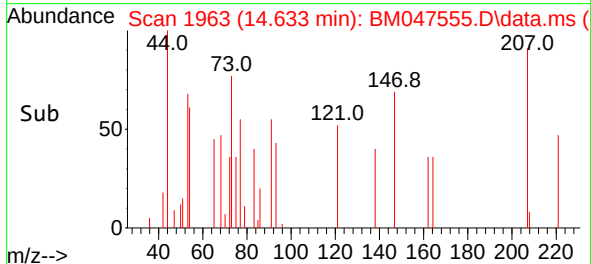
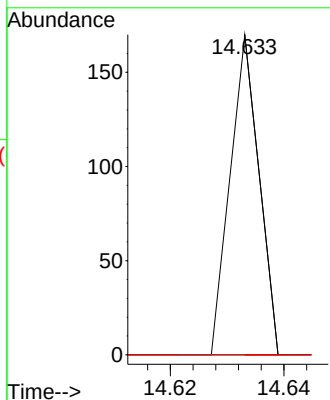
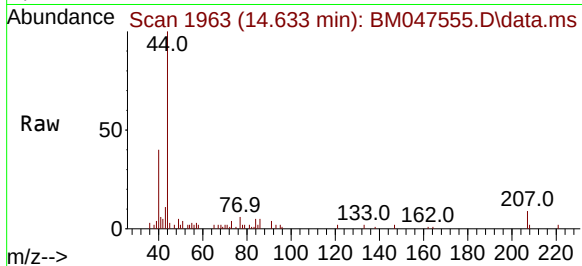




#53
3-Nitroaniline
Concen: 0.010 ng
RT: 14.633 min Scan# 1919
Delta R.T. 0.259 min
Lab File: BM047555.D
Acq: 18 Sep 2024 14:22

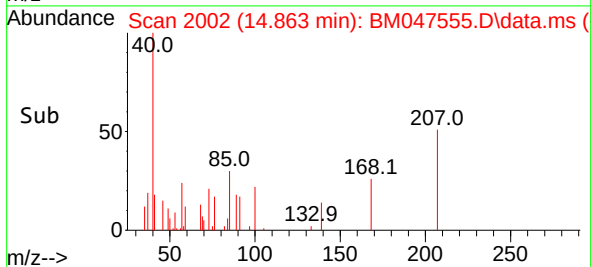
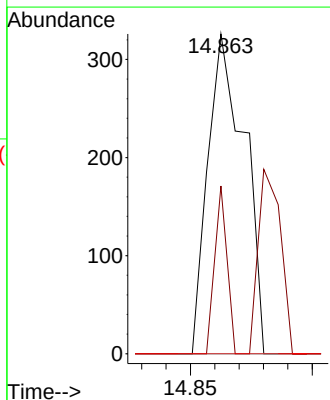
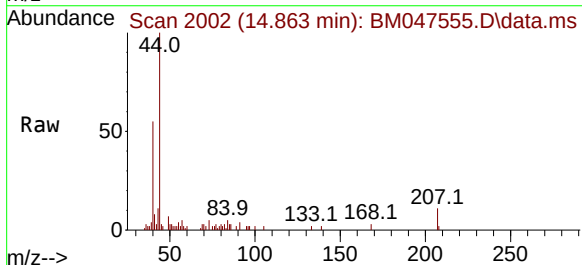
Instrument :
BNA_M
ClientSampleId :
NB-614-COMP-04

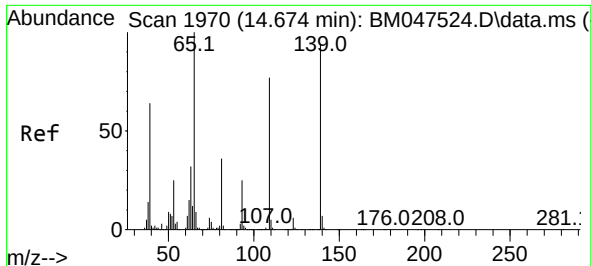
Tgt Ion:138 Resp: 60
Ion Ratio Lower Upper
138 100
108 0.0 8.0 12.0#
92 0.0 97.4 146.0#



#55
Dibenzofuran
Concen: 0.011 ng
RT: 14.863 min Scan# 2002
Delta R.T. -0.018 min
Lab File: BM047555.D
Acq: 18 Sep 2024 14:22

Tgt Ion:168 Resp: 340
Ion Ratio Lower Upper
168 100
139 52.5 31.9 47.9#
169 0.0 10.5 15.7#

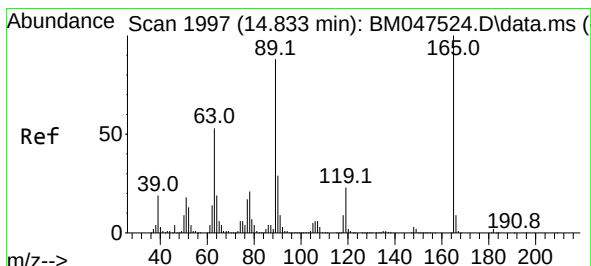
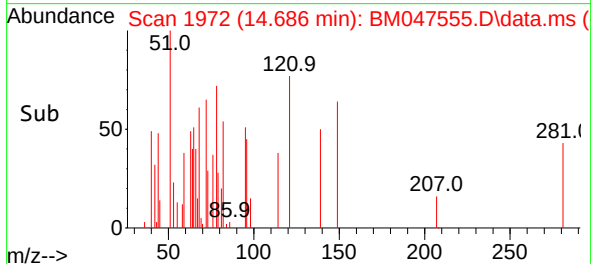
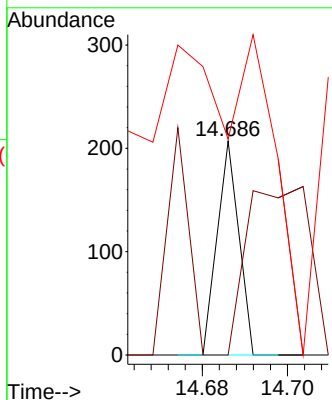
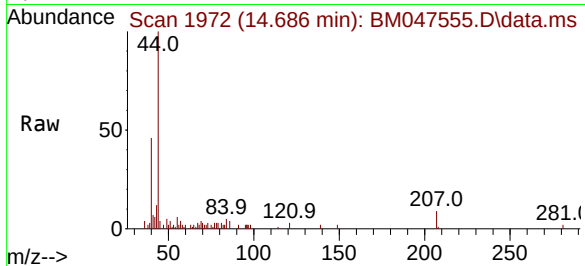




#56
4-Nitrophenol
Concen: 0.015 ng
RT: 14.686 min Scan# 1972
Delta R.T. 0.012 min
Lab File: BM047555.D
Acq: 18 Sep 2024 14:22

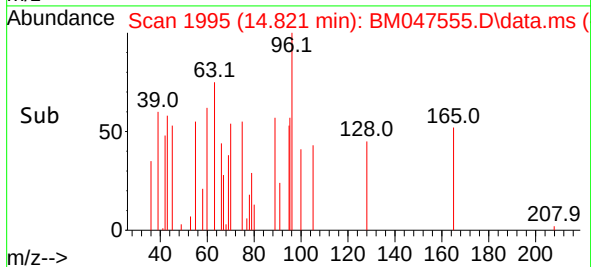
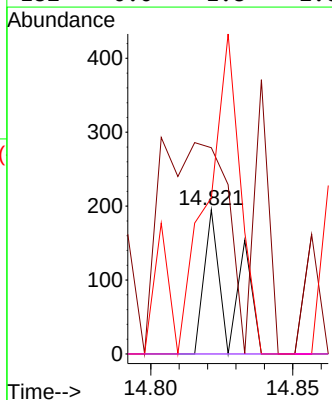
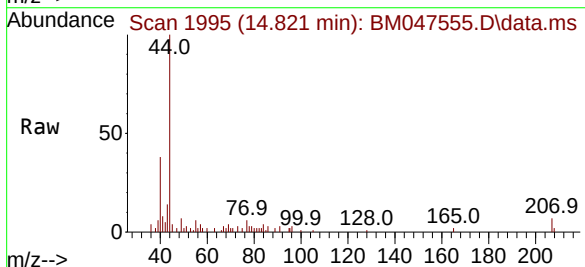
Instrument :
BNA_M
ClientSampleId :
NB-614-COMP-04

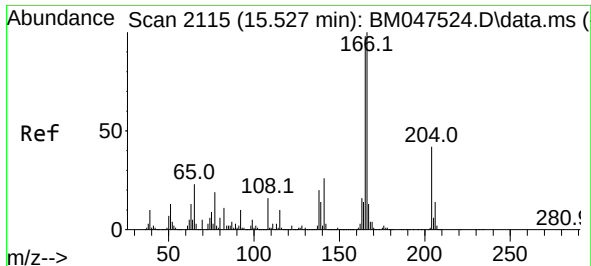
Tgt Ion:139 Resp: 73
Ion Ratio Lower Upper
139 100
109 0.0 62.0 102.0#
65 101.0 87.0 127.0



#57
2,4-Dinitrotoluene
Concen: 0.017 ng
RT: 14.821 min Scan# 1995
Delta R.T. -0.012 min
Lab File: BM047555.D
Acq: 18 Sep 2024 14:22

Tgt Ion:165 Resp: 123
Ion Ratio Lower Upper
165 100
63 143.1 42.4 63.6#
89 108.2 70.5 105.7#
182 0.0 1.8 2.6#

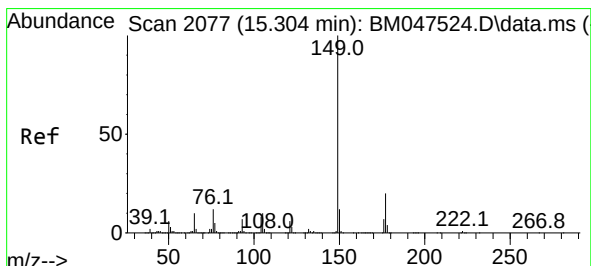
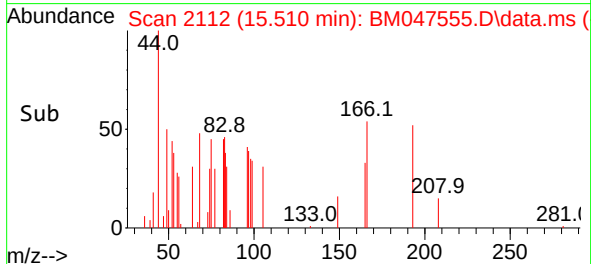
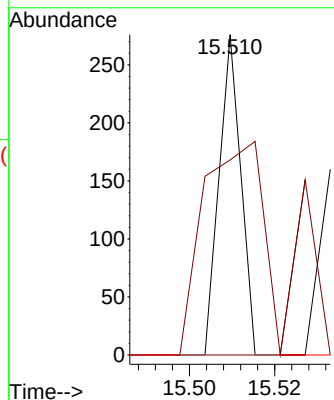
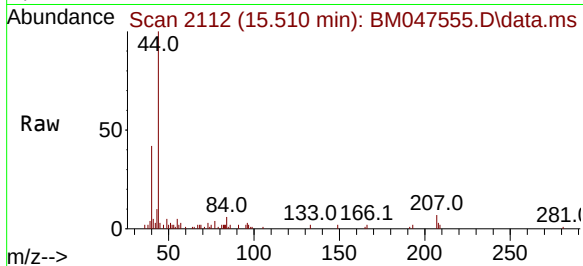




#58
Fluorene
Concen: 0.003 ng
RT: 15.510 min Scan# 2115
Delta R.T. -0.018 min
Lab File: BM047555.D
Acq: 18 Sep 2024 14:22

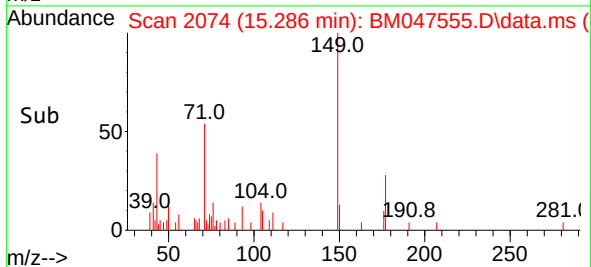
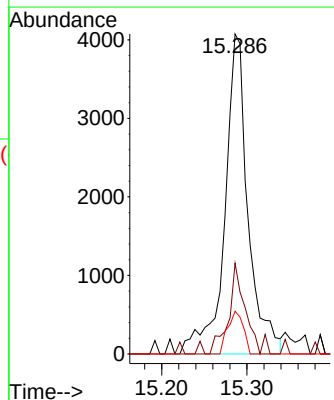
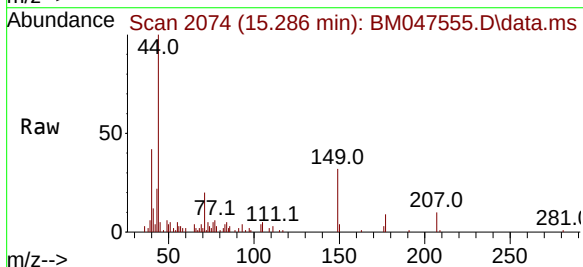
Instrument :
BNA_M
ClientSampleId :
NB-614-COMP-04

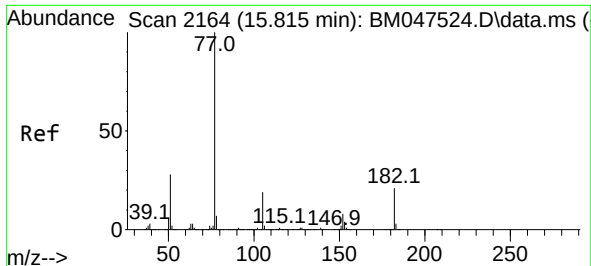
Tgt Ion:166 Resp: 97
Ion Ratio Lower Upper
166 100
165 60.9 78.6 117.8#
167 0.0 10.7 16.1#



#60
Diethylphthalate
Concen: 0.286 ng
RT: 15.286 min Scan# 2074
Delta R.T. -0.018 min
Lab File: BM047555.D
Acq: 18 Sep 2024 14:22

Tgt Ion:149 Resp: 7733
Ion Ratio Lower Upper
149 100
177 28.3 15.8 23.8#
150 13.4 9.7 14.5

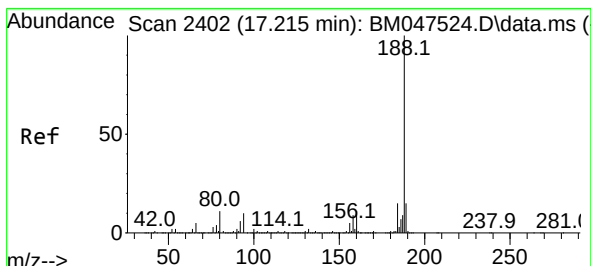
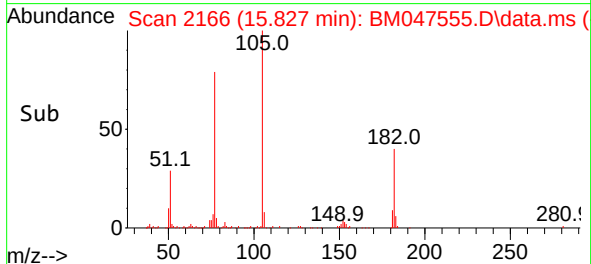
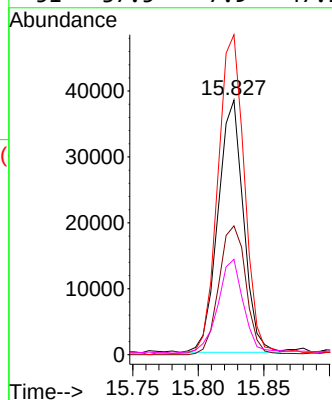
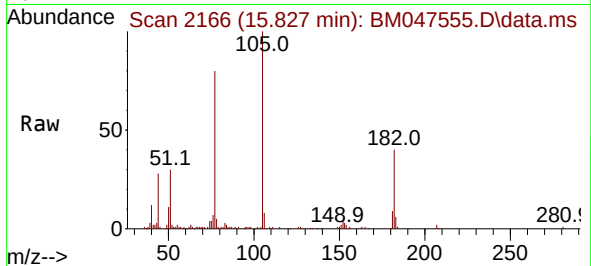




#63
Azobenzene
Concen: 1.736 ng
RT: 15.827 min Scan# 2166
Delta R.T. 0.012 min
Lab File: BM047555.D
Acq: 18 Sep 2024 14:22

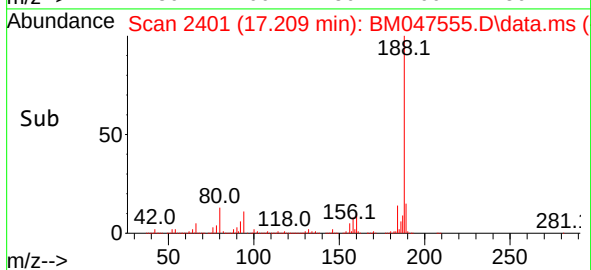
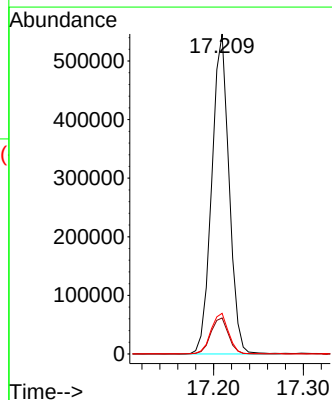
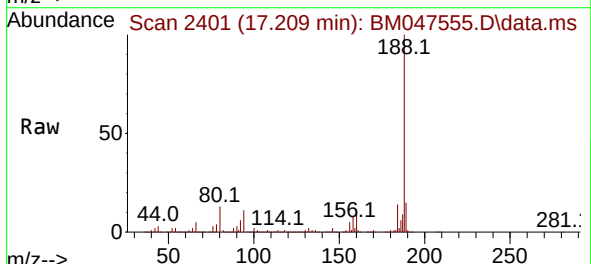
Instrument :
BNA_M
ClientSampleId :
NB-614-COMP-04

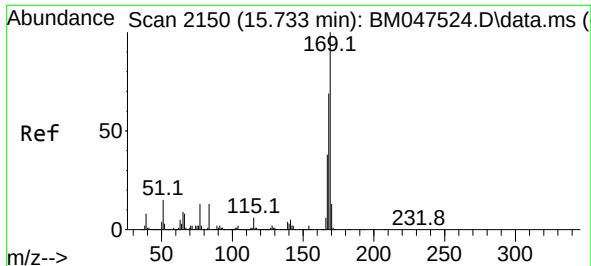
Tgt Ion: 77	Resp: 51777
Ion Ratio	Lower Upper
77 100	
182 50.6	1.2 41.2#
105 125.7	0.0 39.4#
51 37.5	7.9 47.9



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.209 min Scan# 2401
Delta R.T. -0.006 min
Lab File: BM047555.D
Acq: 18 Sep 2024 14:22

Tgt Ion: 188	Resp: 732053
Ion Ratio	Lower Upper
188 100	
94 11.2	8.4 12.6
80 12.7	9.1 13.7

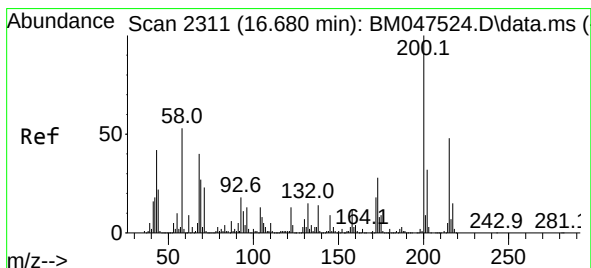
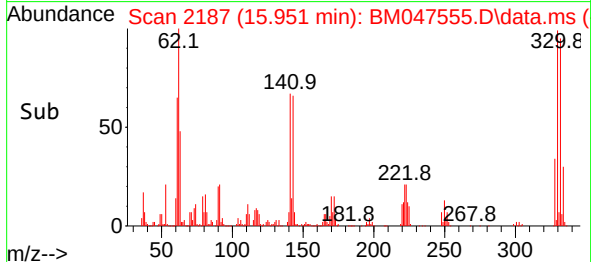
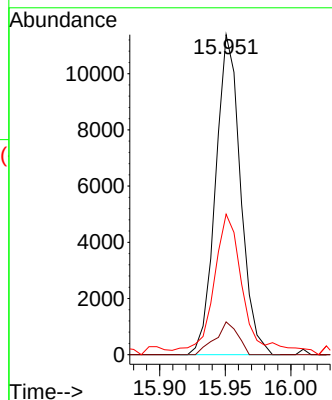
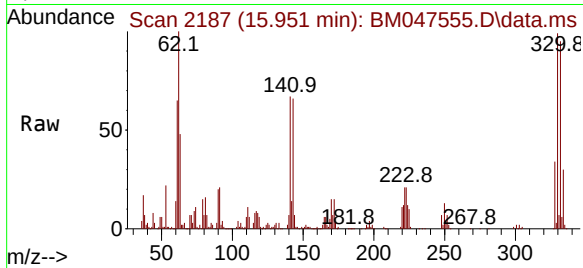




#66
 n-Nitrosodiphenylamine
 Concen: 0.670 ng
 RT: 15.951 min Scan# 2150
 Delta R.T. 0.218 min
 Lab File: BM047555.D
 Acq: 18 Sep 2024 14:22

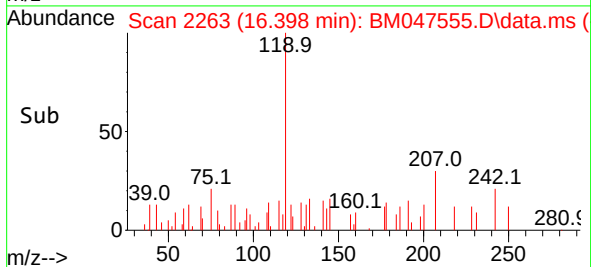
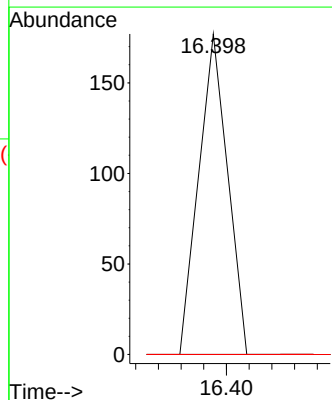
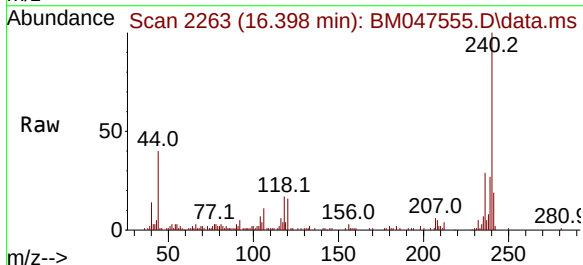
Instrument :
 BNA_M
 ClientSampleId :
 NB-614-COMP-04

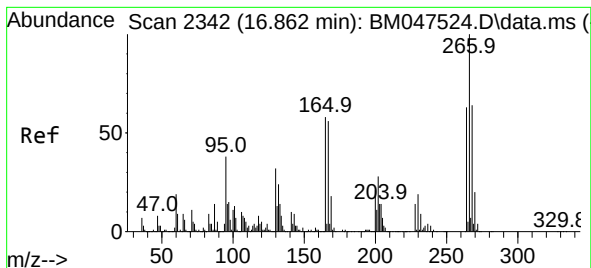
Tgt Ion:169 Resp: 15011
 Ion Ratio Lower Upper
 169 100
 168 10.2 55.3 82.9#
 167 43.9 30.5 45.7



#69
 Atrazine
 Concen: 0.010 ng
 RT: 16.398 min Scan# 2263
 Delta R.T. -0.282 min
 Lab File: BM047555.D
 Acq: 18 Sep 2024 14:22

Tgt Ion:200 Resp: 62
 Ion Ratio Lower Upper
 200 100
 173 0.0 7.7 47.7#
 215 0.0 27.9 67.9#





#70

Pentachlorophenol

Concen: 0.063 ng

RT: 16.868 min Scan# 21

Delta R.T. 0.006 min

Lab File: BM047555.D

Acq: 18 Sep 2024 14:22

Instrument :

BNA_M

ClientSampleId :

NB-614-COMP-04

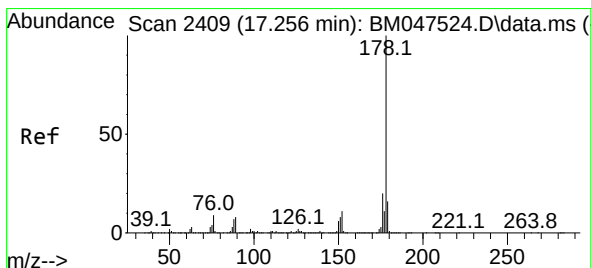
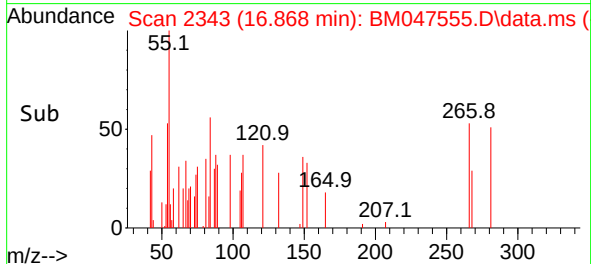
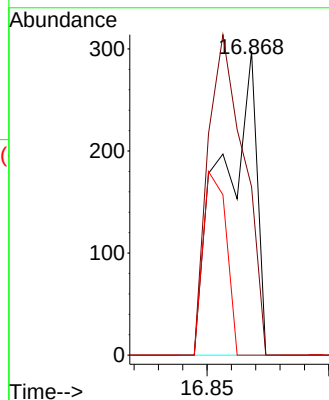
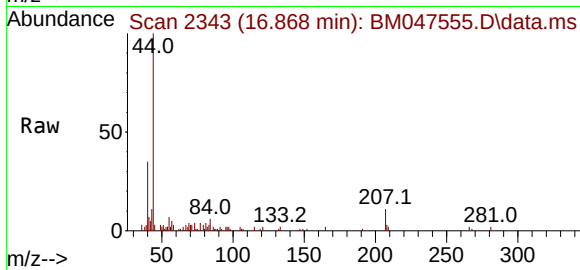
Tgt Ion:266 Resp: 292

Ion Ratio Lower Upper

266 100

268 55.4 51.0 76.4

264 0.0 50.4 75.6#



#71

Phenanthrene

Concen: 0.072 ng

RT: 17.251 min Scan# 2408

Delta R.T. -0.006 min

Lab File: BM047555.D

Acq: 18 Sep 2024 14:22

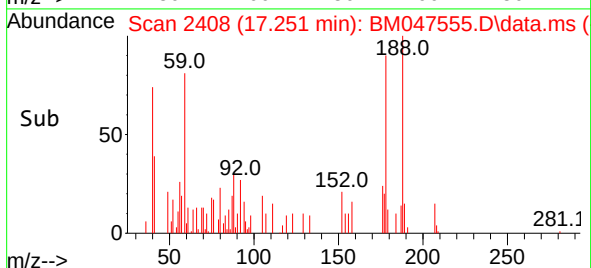
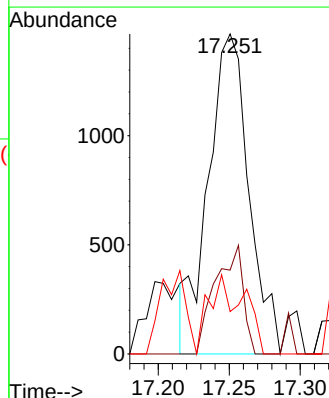
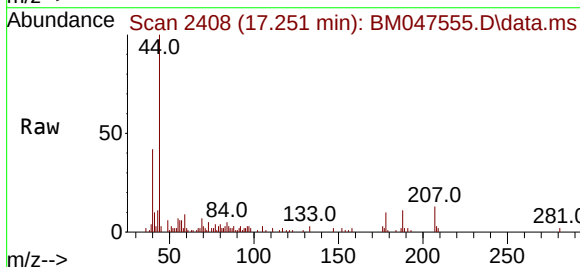
Tgt Ion:178 Resp: 2922

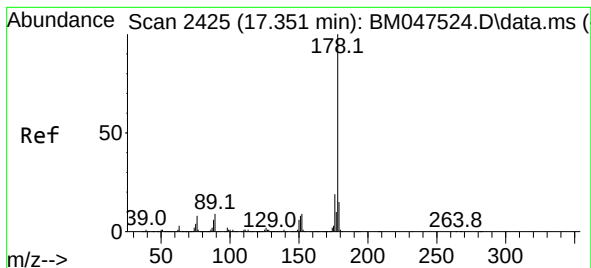
Ion Ratio Lower Upper

178 100

176 26.2 16.0 24.0#

179 13.2 12.4 18.6





#72

Anthracene

Concen: 0.033 ng

RT: 17.345 min Scan# 2425

Delta R.T. -0.006 min

Lab File: BM047555.D

Acq: 18 Sep 2024 14:22

Instrument :

BNA_M

ClientSampleId :

NB-614-COMP-04

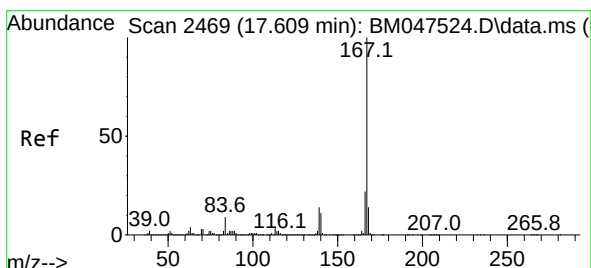
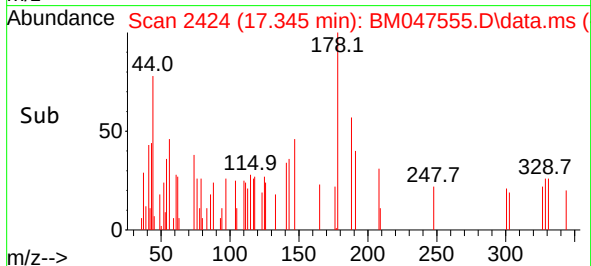
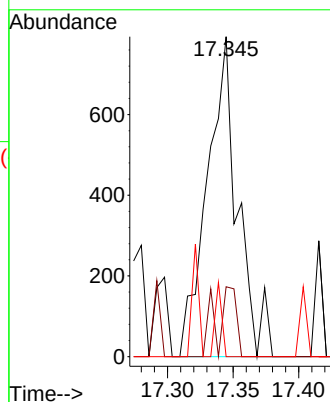
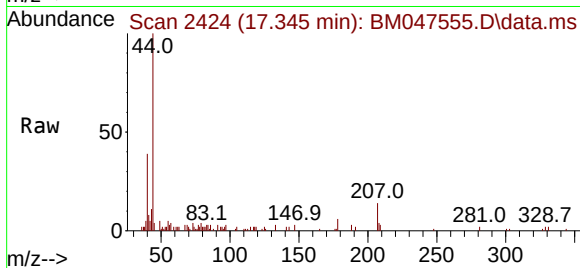
Tgt Ion:178 Resp: 1279

Ion Ratio Lower Upper

178 100

176 21.8 15.4 23.0

179 0.0 12.3 18.5#



#73

Carbazole

Concen: 0.074 ng

RT: 17.604 min Scan# 2468

Delta R.T. -0.006 min

Lab File: BM047555.D

Acq: 18 Sep 2024 14:22

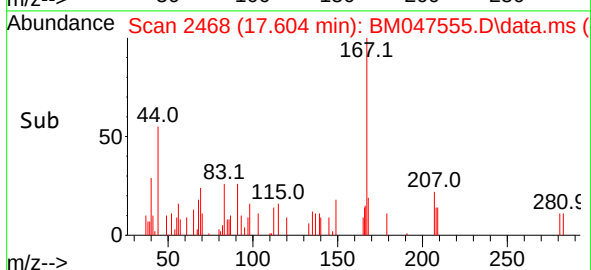
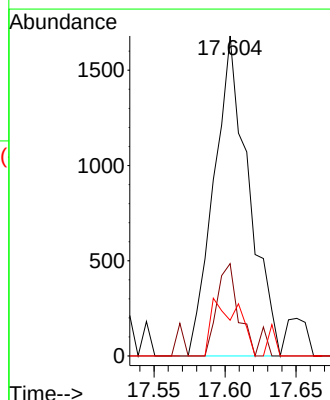
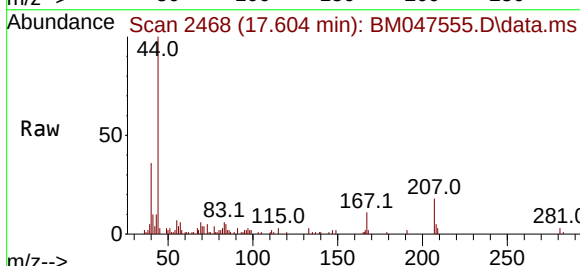
Tgt Ion:167 Resp: 2852

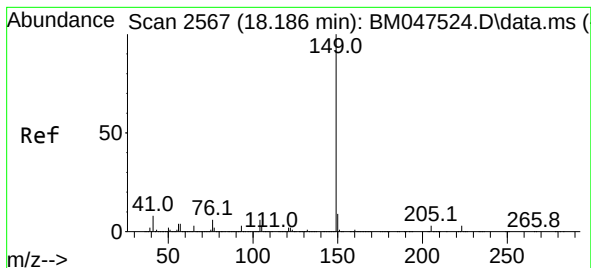
Ion Ratio Lower Upper

167 100

166 28.9 17.8 26.8#

139 11.2 11.0 16.6





#74

Di-n-butylphthalate

Concen: 0.322 ng

RT: 18.180 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM047555.D

Acq: 18 Sep 2024 14:22

Instrument :

BNA_M

ClientSampleId :

NB-614-COMP-04

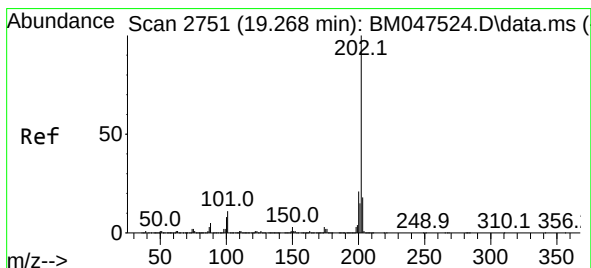
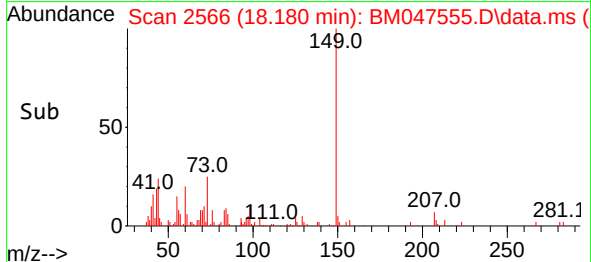
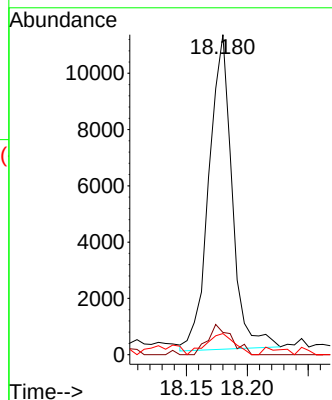
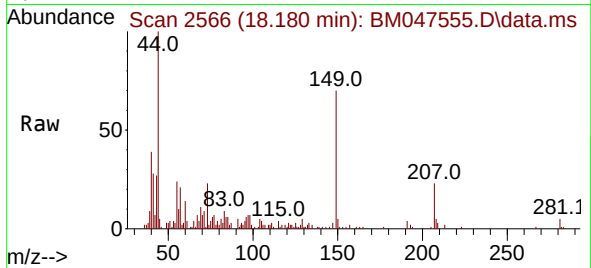
Tgt Ion:149 Resp: 14808

Ion Ratio Lower Upper

149 100

150 7.0 7.4 11.2#

104 6.6 4.6 6.8



#75

Fluoranthene

Concen: 0.130 ng

RT: 19.256 min Scan# 2749

Delta R.T. -0.012 min

Lab File: BM047555.D

Acq: 18 Sep 2024 14:22

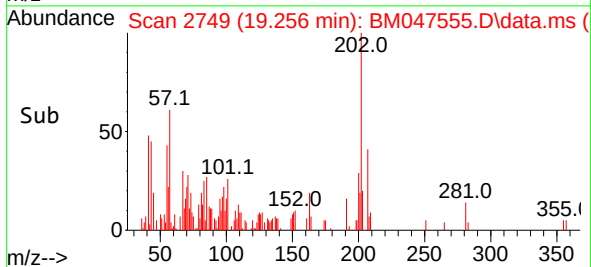
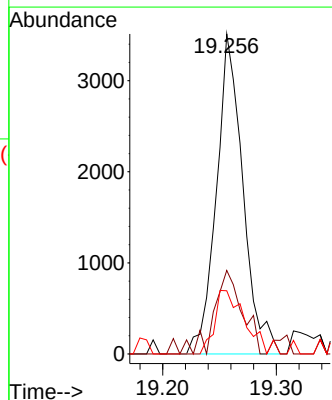
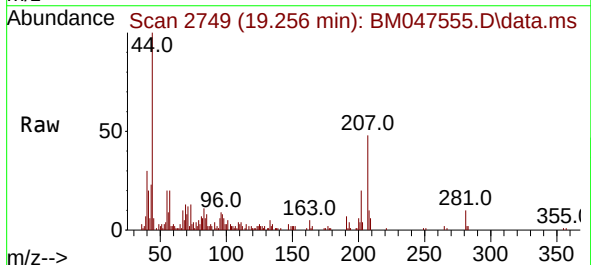
Tgt Ion:202 Resp: 5708

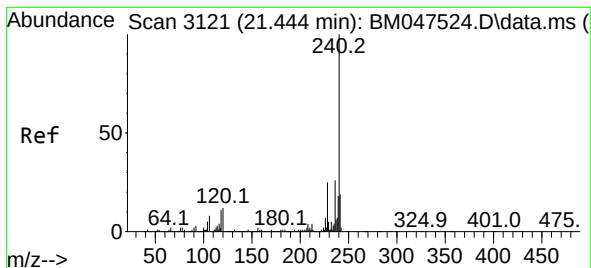
Ion Ratio Lower Upper

202 100

101 26.1 0.0 30.8

203 19.8 0.0 37.7





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.433 min Scan# 31

Delta R.T. -0.011 min

Lab File: BM047555.D

Acq: 18 Sep 2024 14:22

Instrument :

BNA_M

ClientSampleId :

NB-614-COMP-04

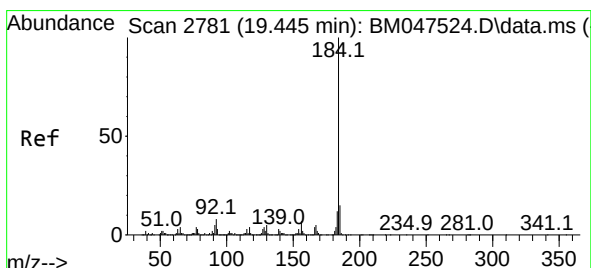
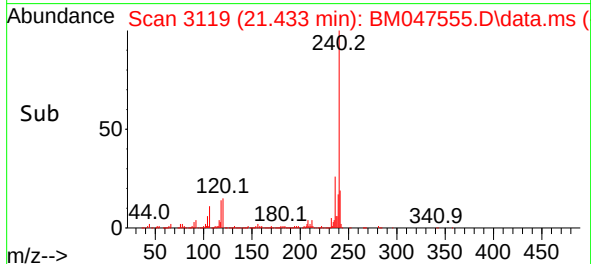
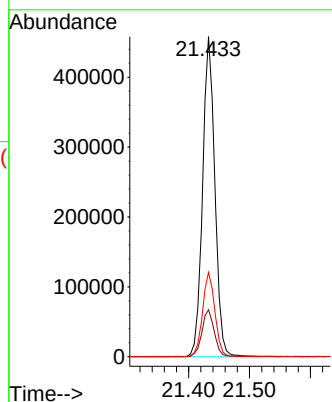
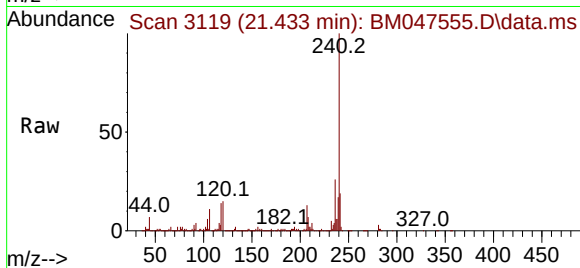
Tgt Ion:240 Resp: 641831

Ion Ratio Lower Upper

240 100

120 14.7 9.6 14.4#

236 26.3 20.9 31.3



#77

Benzidine

Concen: 0.057 ng

RT: 19.450 min Scan# 2782

Delta R.T. 0.005 min

Lab File: BM047555.D

Acq: 18 Sep 2024 14:22

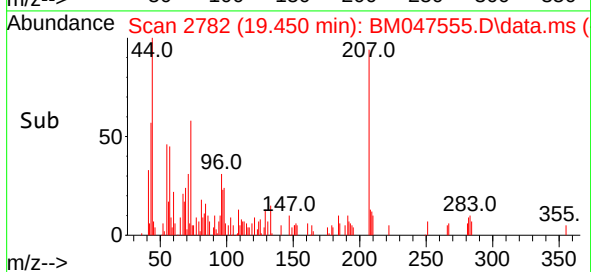
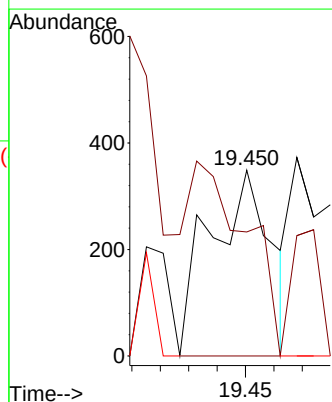
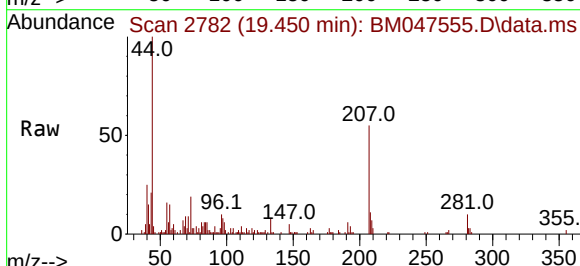
Tgt Ion:184 Resp: 519

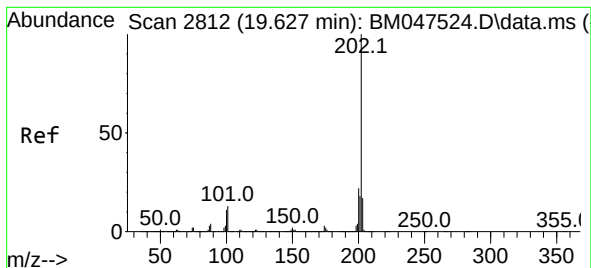
Ion Ratio Lower Upper

184 100

185 66.8 12.2 18.2#

183 0.0 9.6 14.4#





#78

Pyrene

Concen: 0.375 ng

RT: 19.621 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM047555.D

Acq: 18 Sep 2024 14:22

Instrument :

BNA_M

ClientSampleId :

NB-614-COMP-04

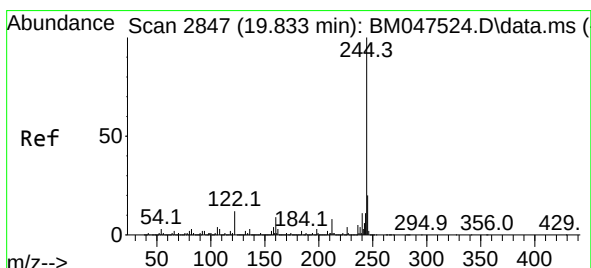
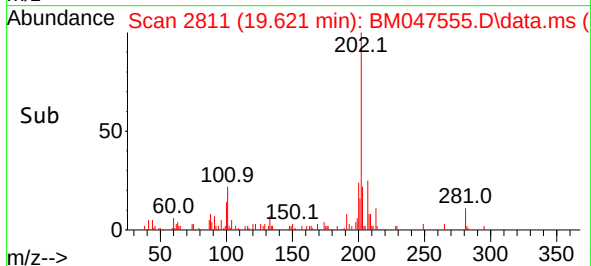
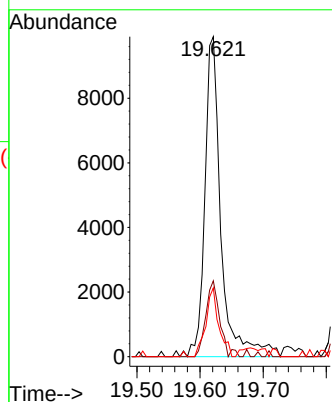
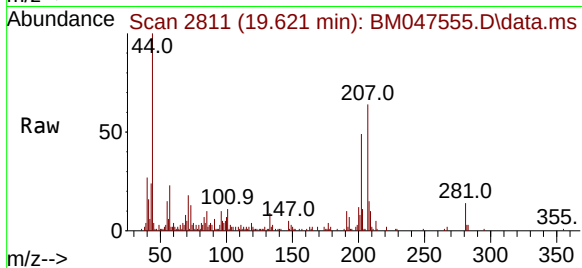
Tgt Ion:202 Resp: 17564

Ion Ratio Lower Upper

202 100

200 23.7 17.2 25.8

203 21.5 14.0 21.0#



#79

Terphenyl-d14

Concen: 66.489 ng

RT: 19.827 min Scan# 2846

Delta R.T. -0.006 min

Lab File: BM047555.D

Acq: 18 Sep 2024 14:22

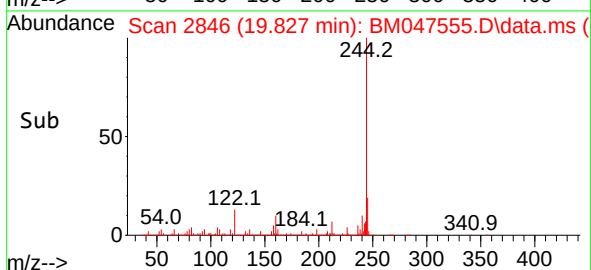
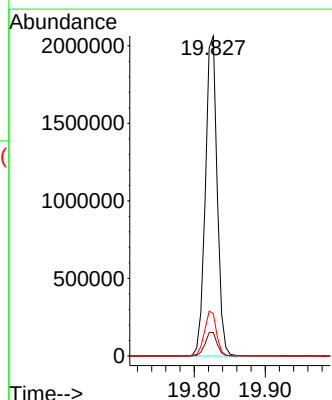
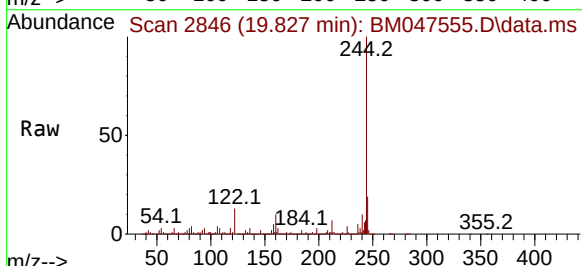
Tgt Ion:244 Resp: 2381495

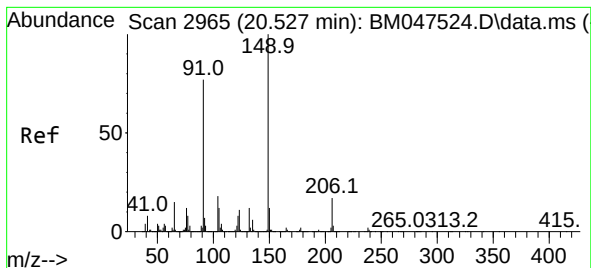
Ion Ratio Lower Upper

244 100

212 7.4 6.2 9.2

122 13.2 9.6 14.4





#80

Butylbenzylphthalate

Concen: 0.048 ng

RT: 20.515 min Scan# 2963

Delta R.T. -0.012 min

Lab File: BM047555.D

Acq: 18 Sep 2024 14:22

Instrument :

BNA_M

ClientSampleId :

NB-614-COMP-04

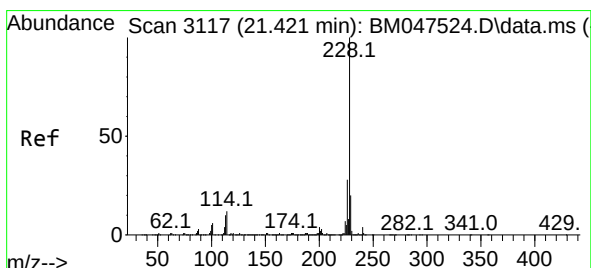
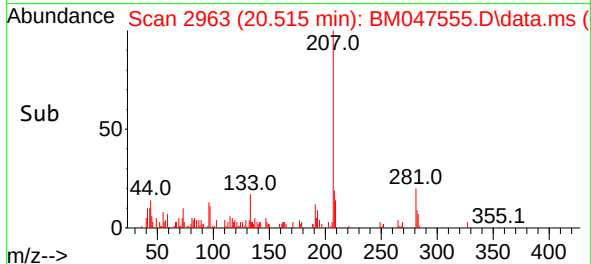
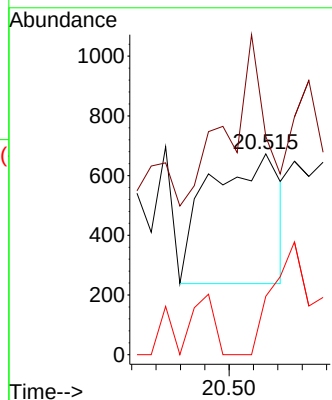
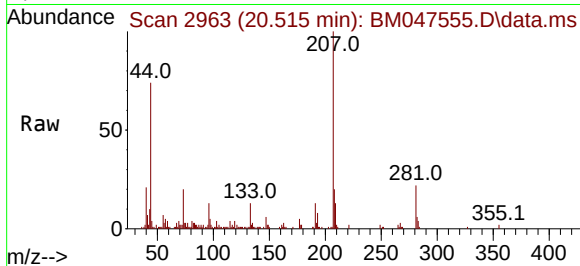
Tgt Ion:149 Resp: 868

Ion Ratio Lower Upper

149 100

91 108.6 62.0 93.0#

206 29.1 13.8 20.8#



#81

Benzo(a)anthracene

Concen: 0.151 ng

RT: 21.421 min Scan# 3117

Delta R.T. 0.000 min

Lab File: BM047555.D

Acq: 18 Sep 2024 14:22

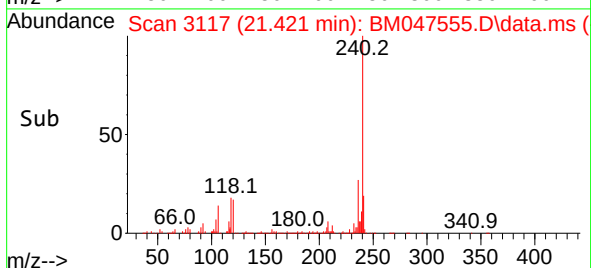
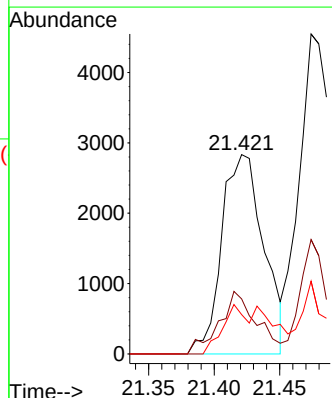
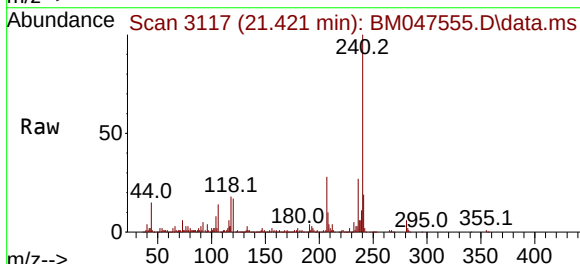
Tgt Ion:228 Resp: 6304

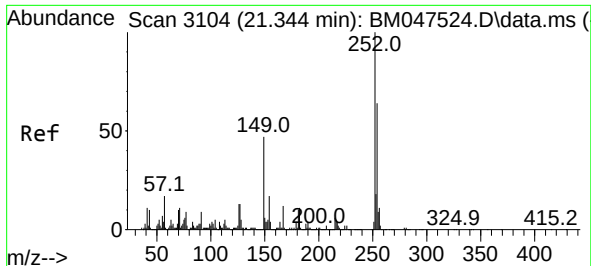
Ion Ratio Lower Upper

228 100

226 27.6 22.4 33.6

229 19.7 16.0 24.0

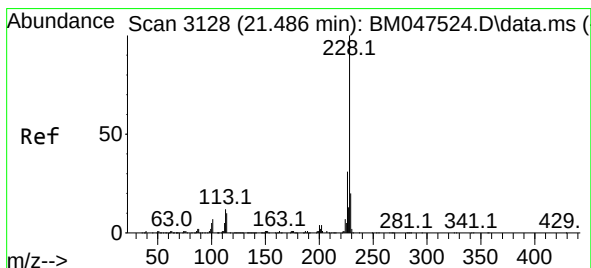
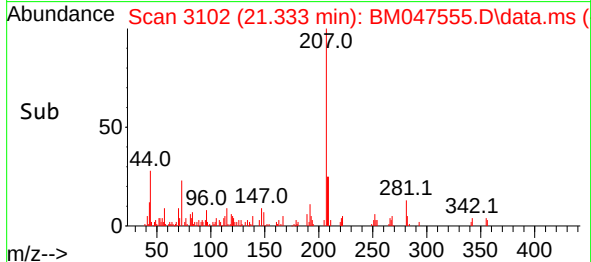
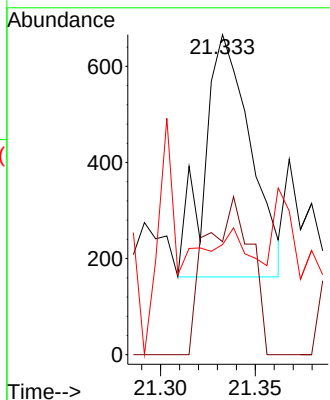
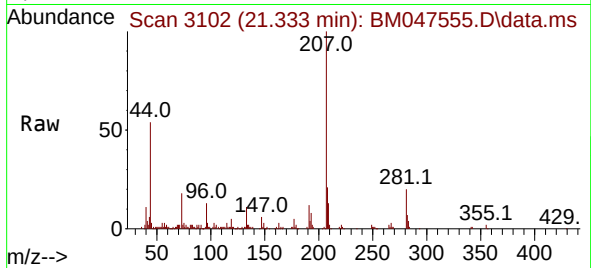




#82
 3,3'-Dichlorobenzidine
 Concen: 0.077 ng
 RT: 21.333 min Scan# 3102
 Delta R.T. -0.012 min
 Lab File: BM047555.D
 Acq: 18 Sep 2024 14:22

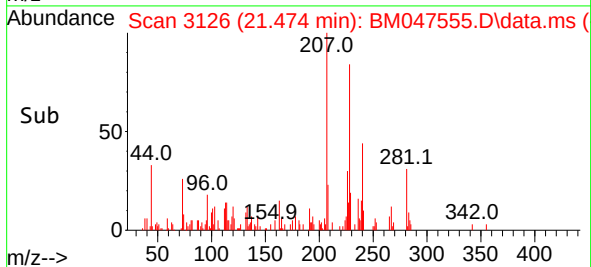
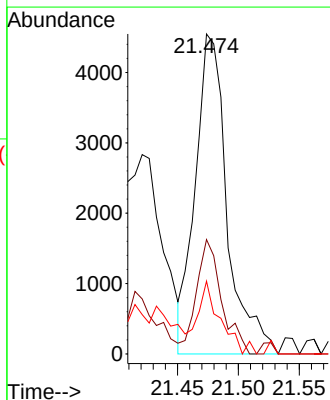
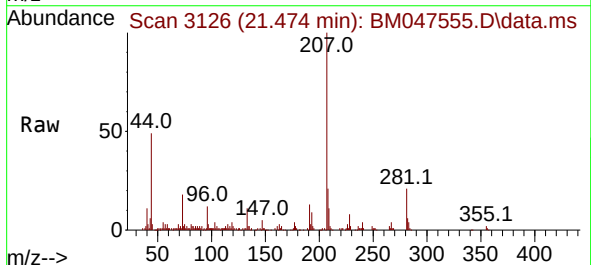
Instrument :
 BNA_M
 ClientSampleId :
 NB-614-COMP-04

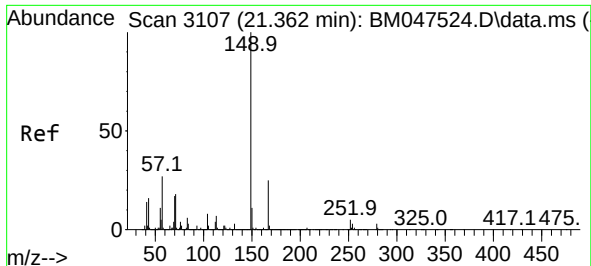
Tgt Ion:252 Resp: 857
 Ion Ratio Lower Upper
 252 100
 254 35.3 51.5 77.3#
 126 34.4 10.3 15.5#



#83
 Chrysene
 Concen: 0.209 ng
 RT: 21.474 min Scan# 3126
 Delta R.T. -0.012 min
 Lab File: BM047555.D
 Acq: 18 Sep 2024 14:22

Tgt Ion:228 Resp: 8263
 Ion Ratio Lower Upper
 228 100
 226 35.8 25.0 37.6
 229 22.7 15.9 23.9

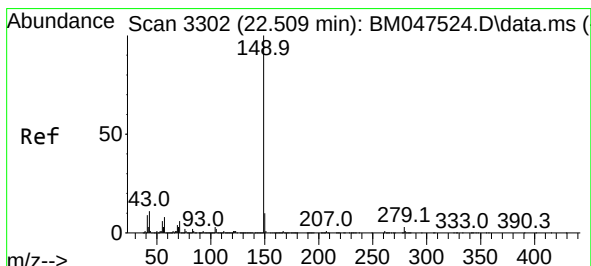
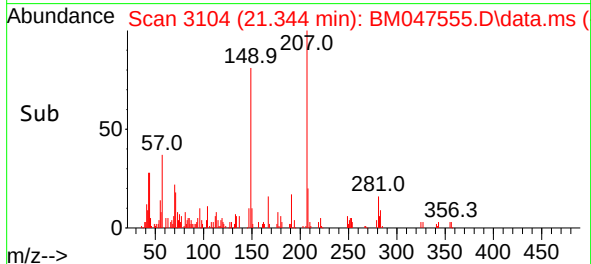
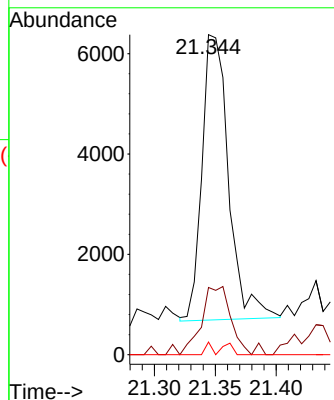
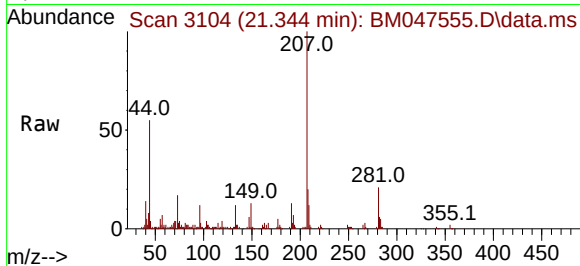




#84
Bis(2-ethylhexyl)phthalate
Concen: 0.306 ng
RT: 21.344 min Scan# 3104
Delta R.T. -0.018 min
Lab File: BM047555.D
Acq: 18 Sep 2024 14:22

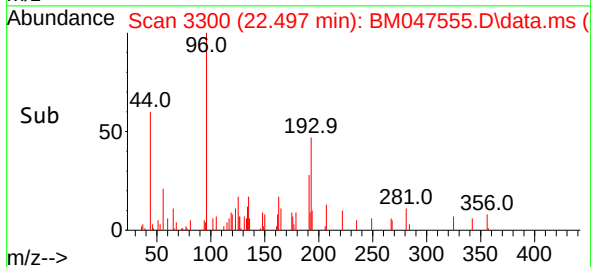
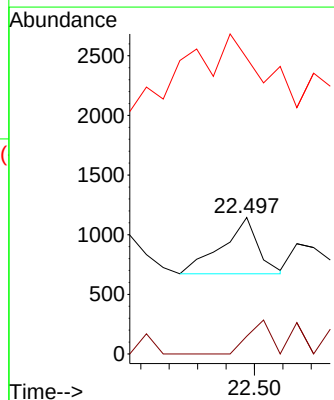
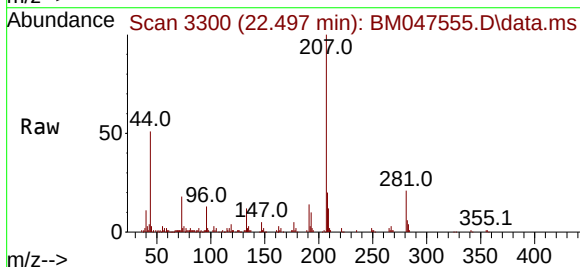
Instrument :
BNA_M
ClientSampleId :
NB-614-COMP-04

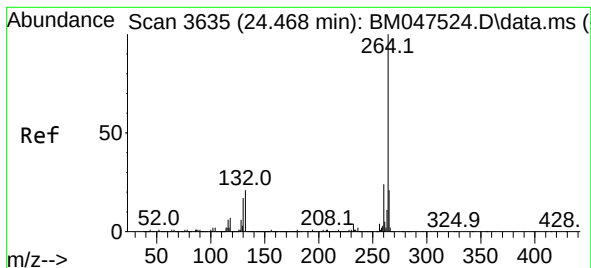
Tgt Ion:149 Resp: 8650
Ion Ratio Lower Upper
149 100
167 21.0 20.2 30.4
279 4.0 2.6 4.0#



#85
Di-n-octyl phthalate
Concen: 0.010 ng
RT: 22.497 min Scan# 3300
Delta R.T. -0.012 min
Lab File: BM047555.D
Acq: 18 Sep 2024 14:22

Tgt Ion:149 Resp: 418
Ion Ratio Lower Upper
149 100
167 36.6 1.1 1.7#
43 0.0 8.9 13.3#





#86

Perylene-d12

Concen: 20.000 ng

RT: 24.456 min Scan# 3

Delta R.T. -0.012 min

Lab File: BM047555.D

Acq: 18 Sep 2024 14:22

Instrument :

BNA_M

ClientSampleId :

NB-614-COMP-04

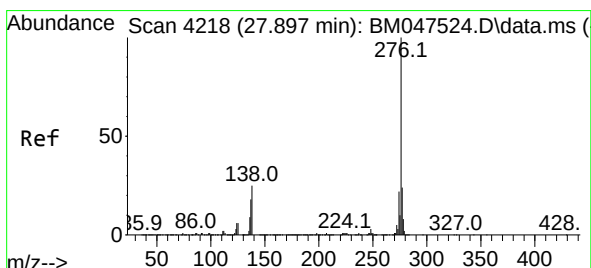
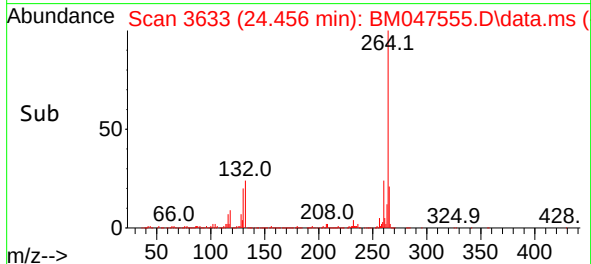
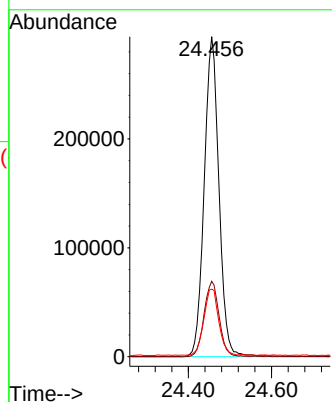
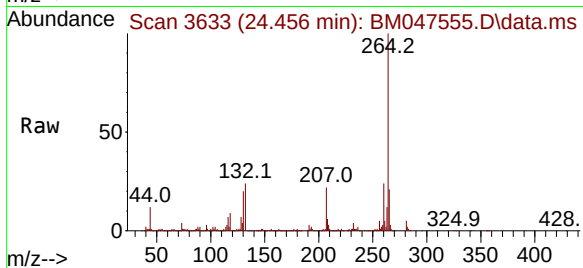
Tgt Ion:264 Resp: 722111

Ion Ratio Lower Upper

264 100

260 23.5 18.9 28.3

265 21.1 17.4 26.2



#87

Indeno(1,2,3-cd)pyrene

Concen: 0.011 ng

RT: 27.873 min Scan# 4214

Delta R.T. -0.024 min

Lab File: BM047555.D

Acq: 18 Sep 2024 14:22

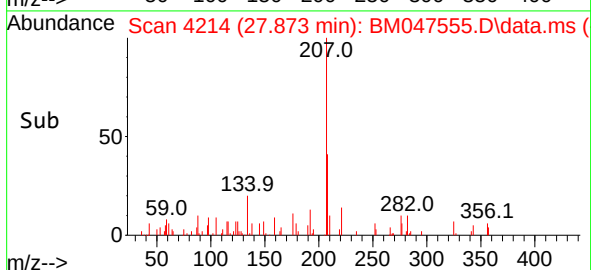
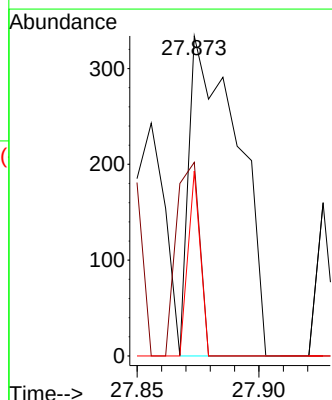
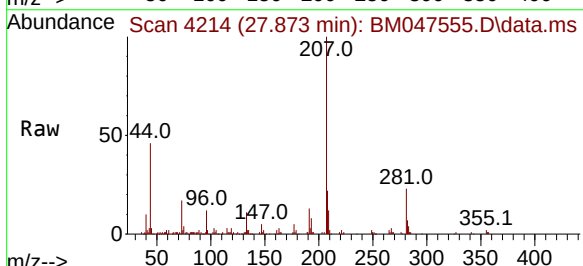
Tgt Ion:276 Resp: 464

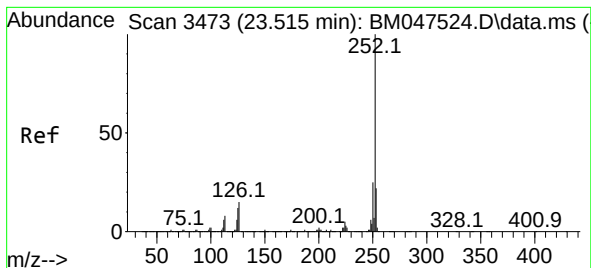
Ion Ratio Lower Upper

276 100

138 29.1 25.0 37.6

277 14.7 20.1 30.1#





#88

Benzo(b)fluoranthene

Concen: 0.116 ng

RT: 23.503 min Scan# 3471

Delta R.T. -0.012 min

Lab File: BM047555.D

Acq: 18 Sep 2024 14:22

Instrument :

BNA_M

ClientSampleId :

NB-614-COMP-04

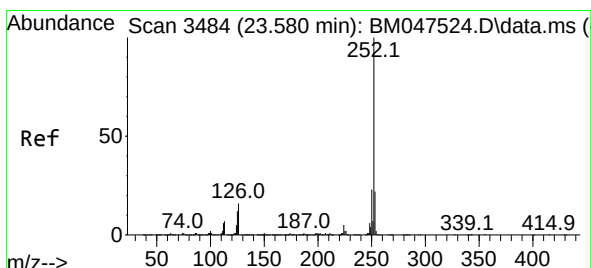
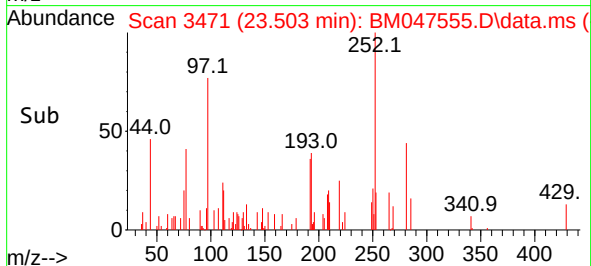
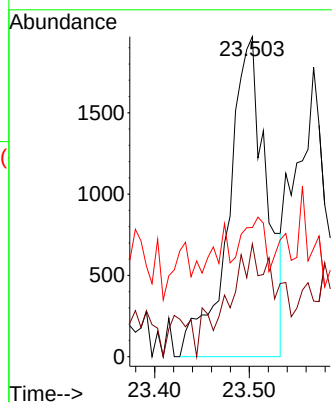
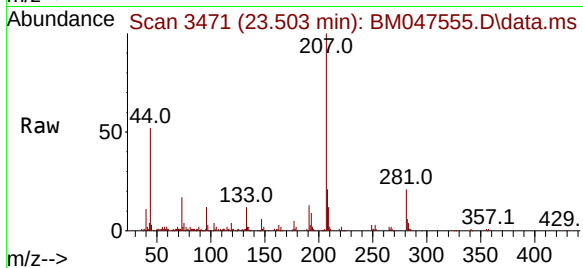
Tgt Ion:252 Resp: 5435

Ion Ratio Lower Upper

252 100

253 35.3 17.8 26.8#

125 40.3 9.5 14.3#



#89

Benzo(k)fluoranthene

Concen: 0.082 ng

RT: 23.568 min Scan# 3482

Delta R.T. -0.012 min

Lab File: BM047555.D

Acq: 18 Sep 2024 14:22

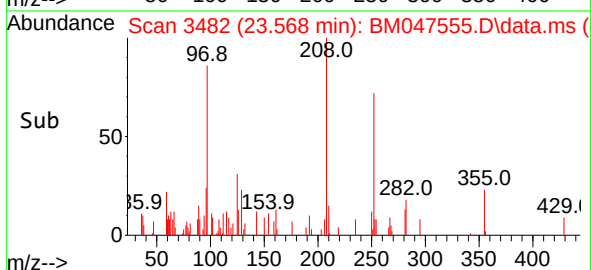
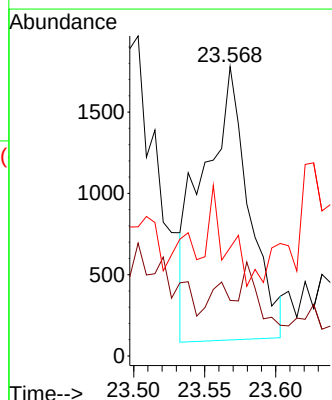
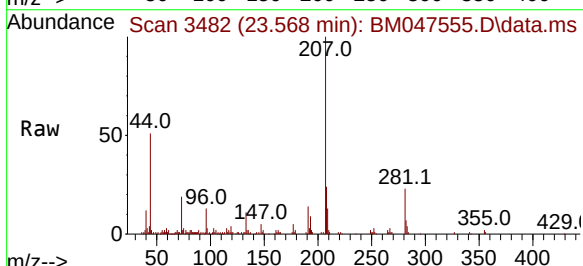
Tgt Ion:252 Resp: 3797

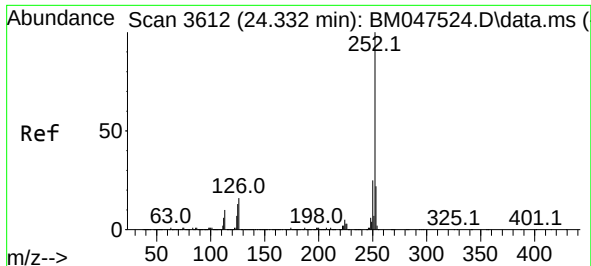
Ion Ratio Lower Upper

252 100

253 19.2 17.8 26.6

125 37.4 9.5 14.3#

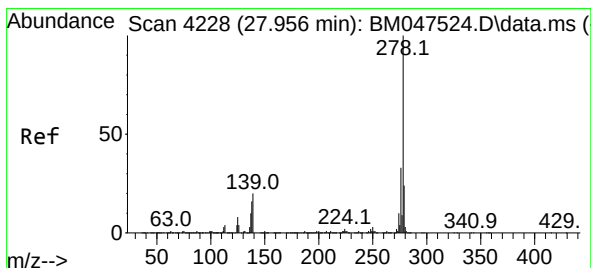
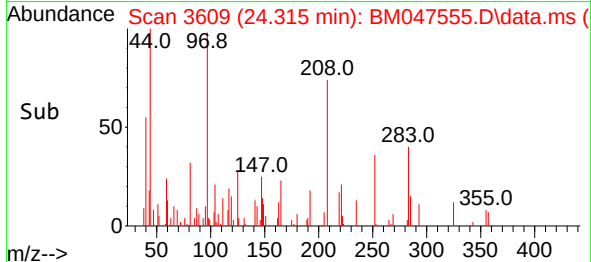
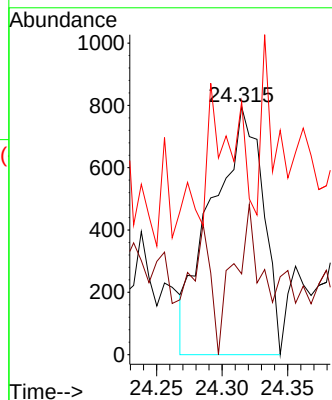
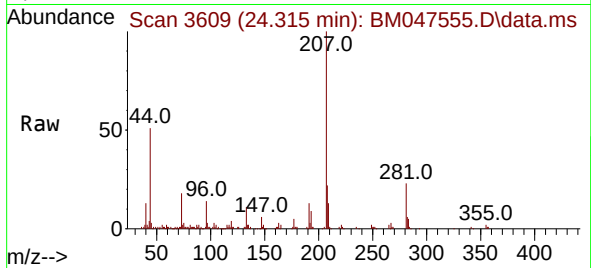




#90
Benzo(a)pyrene
Concen: 0.056 ng
RT: 24.315 min Scan# 30
Delta R.T. -0.018 min
Lab File: BM047555.D
Acq: 18 Sep 2024 14:22

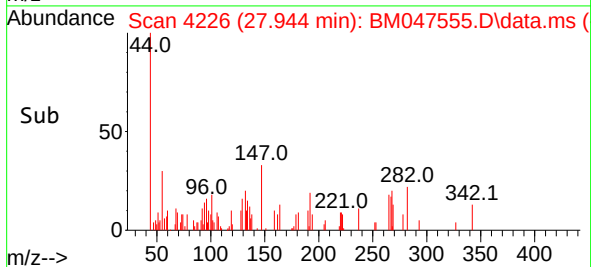
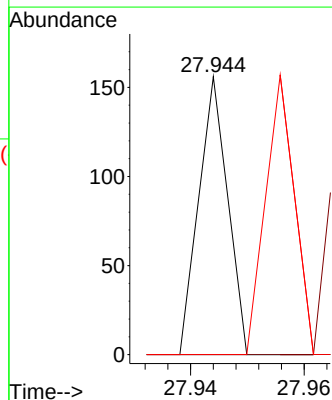
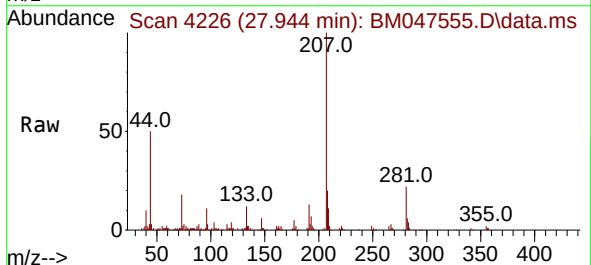
Instrument :
BNA_M
ClientSampleId :
NB-614-COMP-04

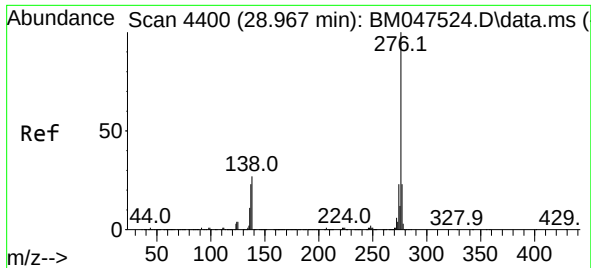
Tgt Ion:252 Resp: 2137
Ion Ratio Lower Upper
252 100
253 32.5 17.7 26.5#
125 102.0 10.2 15.4#



#91
Dibenzo(a,h)anthracene
Concen: 0.002 ng
RT: 27.944 min Scan# 4226
Delta R.T. -0.012 min
Lab File: BM047555.D
Acq: 18 Sep 2024 14:22

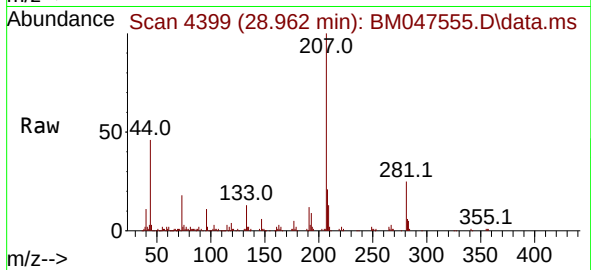
Tgt Ion:278 Resp: 55
Ion Ratio Lower Upper
278 100
139 0.0 15.9 23.9#
279 0.0 19.3 28.9#





#92
 Benzo(g,h,i)perylene
 Concen: 0.002 ng
 RT: 28.962 min Scan# 41
 Delta R.T. -0.006 min
 Lab File: BM047555.D
 Acq: 18 Sep 2024 14:22

Instrument :
 BNA_M
 ClientSampleId :
 NB-614-COMP-04



Tgt Ion	Ratio	Lower	Upper
276	100		
277	0.0	18.6	28.0#
138	0.0	21.5	32.3#

